Energy Laboratories Inc

ANALYTICAL RUN Summary

28-Feb-22

Run ID VOA5975C.I_220104A

Run Start Date: 1/4/2022
Analyst: Melissa Chavez
Ical:
Column ID:
Comments:

Instrument ID	Description
Bal #22	Balance

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3473	Calibration Surrogates		ul	42	ml	CAL	3/14/2022
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	MBLK, ICV (	12/31/2022
VOCF3529B	2nd Source MtBE	1.05	ul	42	ml	ICV	1/29/2022
VOCF3546A	Liquids		ul	42	ml	CAL	1/13/2022
VOCF3549	2nd Source Ketones	1.05	ul	42	ml	ICV	1/15/2022
VOCF3550	Ketones		ul	42	ml	CAL	1/16/2022
VOCF3558B	2nd Source Liquids	1.05	ul	42	ml	ICV	2/27/2022
VOCF3559A	MtBE		ul	42	ml	CAL	1/27/2022
VOCF3562A	Gases		ul	42	ml	CAL	1/10/2022
VOCF3563	Internals	8.4	ul	42	ml	CAL	7/3/2022
VOCF3566A	2nd Source Gases	1.05	ul	42	ml	ICV	1/11/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970784	04JAN08_D_TU	VOC-8260-BFB	TUNE	)A5975C\VG010	1/4/2022 2:38:00	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	0	0		100	0	0	0	0	0	0%	0	1.99	0%	
174, % of mass 95	A	%	95.2	95.2		100	0	0	0	0	0	95%	50	99.99	0%	
175, % of mass 174	A	%	6.6	6.6		100	0	0	0	0	0	7%	5	9	0%	
176, % of mass 174	A	%	95.7	95.7		100	0	0	0	0	0	96%	95	101	0%	
177, % of mass 176	A	%	6.7	6.7		100	0	0	0	0	0	7%	5	9	0%	
50, % of mass 95	A	%	21.2	21.2		100	0	0	0	0	0	21%	15	40	0%	
75, % of mass 95	A	%	51	51		100	0	0	0	0	0	51%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	5.4	5.4		100	0	0	0	0	0	5%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970898	MBLK010422_	VOC-8260-W-Q	MBLK	)A5975C\VG010	1/4/2022 3:05:37	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	0.5	500	0%	0	0	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	0.5	500	0%	0	0	0%	
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	0.5	500	0%	0	0	0%	
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	0.5	500	0%	0	0	0%	
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	0.5	500	0%	0	0	0%	
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	0.5	500	0%	0	0	0%	
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	0.5	500	0%	0	0	0%	
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	0.5	500	0%	0	0	0%	
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	0.5	500	0%	0	0	0%	
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	0.5	500	0%	0	0	0%	
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	0.5	500	0%	0	0	0%	
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	0.5	500	0%	0	0	0%	
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	0.5	500	0%	0	0	0%	
Benzene	A	ug/L	0.12327	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	0.5	500	0%	0	0	0%	
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	0.5	500	0%	0	0	0%	
Bromoform	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Bromomethane	A	ug/L	0	0		0	0	0	0.253	0.5	500	0%	0	0	0%	
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	0.5	500	0%	0	0	0%	
Chloroethane	A	ug/L	0	0		0	0	0	0.169	0.5	500	0%	0	0	0%	
Chloroform	A	ug/L	0	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	
Chloromethane	A	ug/L	0	0		0	0	0	0.162	0.5	500	0%	0	0	0%	
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	0.5	500	0%	0	0	0%	
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	0.5	500	0%	0	0	0%	
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970898	MBLK010422_	VOC-8260-W-Q	MBLK	)A5975C\VG010	1/4/2022 3:05:37	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	0.5	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	10	5000	0%	0	0	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
Methylene chloride	A	ug/L	1.44235	0		0	0	0	0.338	0.5	500	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	0.5	500	0%	0	0	0%	
Styrene	A	ug/L	0	0		0	0	0	0.067	0.5	500	0%	0	0	0%	
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	0.5	500	0%	0	0	0%	
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	0.5	500	0%	0	0	0%	
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	0.5	500	0%	0	0	0%	
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	0.5	500	0%	0	0	0%	
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	279.39635	11.175854		10	0	0	0.229	0.5	500	112%	70	130	0%	
Dibromofluoromethane	S	ug/L	278.46353	11.1385412		10	0	0	0.129	0.5	500	111%	77	126	0%	
p-Bromofluorobenzene	S	ug/L	267.28149	10.6912596		10	0	0	0.149	0.5	500	107%	76	127	0%	
Toluene-d8	S	ug/L	265.34358	10.6137432		10	0	0	0.23	0.5	500	106%	79	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970899	ICAL010422_1	VOC-8260-W-Q	CAL1	)A5975C\VG010	1/4/2022 3:33:04	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	2.73073	0.1092292		0.1	0	0	0.0746	0.5	500	109%	50	150	0%	
1,2-Dichloroethane	A	ug/L	2.90899	0.1163596		0.1	0	0	0.116	0.5	500	116%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	2.6327	0.105308		0.1	0	0	0.0803	0.5	500	105%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	2.76134	0.1104536		0.1	0	0	0.0858	0.5	500	110%	50	150	0%	
Benzene	A	ug/L	2.73933	0.1095732		0.1	0	0	0.0914	0.5	500	110%	50	150	0%	
Chloroform	A	ug/L	2.89464	0.1157856		0.1	0	0	0.0789	0.5	500	116%	50	150	0%	
Ethylbenzene	A	ug/L	2.53666	0.1014664		0.1	0	0	0.0836	0.5	500	101%	50	150	0%	
m+p-Xylenes	A	ug/L	5.07121	0.2028484		0.2	0	0	0.15	0.5	1000	101%	50	150	0%	
Styrene	A	ug/L	2.16254	0.0865016		0.1	0	0	0.067	0.5	500	87%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970899	ICAL010422_1	VOC-8260-W-Q	CAL1	)A5975C\VG010	1/4/2022 3:33:04	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Tetrachloroethene	A	ug/L	2.67723	0.1070892		0.1	0	0	0.0671	0.5	500	107%	50	150	0%	
Toluene	A	ug/L	2.6145	0.10458		0.1	0	0	0.0679	0.5	500	105%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970901	ICAL010422_2	VOC-8260-W-Q	CAL2	)A5975C\VG010	1/4/2022 4:00:35	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	12.82253	0.5129012		0.5	0	0	0.101	0.5	500	103%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	12.18907	0.4875628		0.5	0	0	0.131	0.5	500	98%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	12.84375	0.51375		0.5	0	0	0.0872	0.5	500	103%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	13.23404	0.5293616		0.5	0	0	0.108	0.5	500	106%	50	150	0%	
1,1-Dichloroethane	A	ug/L	12.06522	0.4826088		0.5	0	0	0.135	0.5	500	97%	50	150	0%	
1,1-Dichloroethene	A	ug/L	11.90807	0.4763228		0.5	0	0	0.141	0.5	500	95%	50	150	0%	
1,1-Dichloropropene	A	ug/L	11.33971	0.4535884		0.5	0	0	0.083	0.5	500	91%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	13.70838	0.5483352		0.5	0	0	0.235	0.5	500	110%	50	150	0%	
1,2-Dibromoethane	A	ug/L	12.86397	0.5145588		0.5	0	0	0.0916	0.5	500	103%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	12.14234	0.4856936		0.5	0	0	0.0746	0.5	500	97%	70	130	0%	
1,2-Dichloroethane	A	ug/L	12.39059	0.4956236		0.5	0	0	0.116	0.5	500	99%	70	130	0%	
1,2-Dichloropropane	A	ug/L	12.0602	0.482408		0.5	0	0	0.0847	0.5	500	96%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	11.84726	0.4738904		0.5	0	0	0.0803	0.5	500	95%	70	130	0%	
1,3-Dichloropropane	A	ug/L	11.85262	0.4741048		0.5	0	0	0.0791	0.5	500	95%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	11.96618	0.4786472		0.5	0	0	0.0858	0.5	500	96%	70	130	0%	
2,2-Dichloropropane	A	ug/L	12.48201	0.4992804		0.5	0	0	0.186	0.5	500	100%	50	150	0%	
2-Chlorotoluene	A	ug/L	11.19768	0.4479072		0.5	0	0	0.0876	0.5	500	90%	50	150	0%	
4-Chlorotoluene	A	ug/L	11.22327	0.4489308		0.5	0	0	0.0728	0.5	500	90%	50	150	0%	
Benzene	A	ug/L	12.18007	0.4872028		0.5	0	0	0.0914	0.5	500	97%	70	130	0%	
Bromobenzene	A	ug/L	12.331	0.49324		0.5	0	0	0.0831	0.5	500	99%	50	150	0%	
Bromochloromethane	A	ug/L	12.9568	0.518272		0.5	0	0	0.141	0.5	500	104%	50	150	0%	
Bromodichloromethane	A	ug/L	12.60141	0.5040564		0.5	0	0	0.12	0.5	500	101%	50	150	0%	
Bromoform	A	ug/L	11.78598	0.4714392		0.5	0	0	0.119	0.5	500	94%	50	150	0%	
Bromomethane	A	ug/L	12.04638	0.4818552		0.5	0	0	0.253	0.5	500	96%	50	150	0%	
Carbon tetrachloride	A	ug/L	12.2545	0.49018		0.5	0	0	0.143	0.5	500	98%	50	150	0%	
Chlorobenzene	A	ug/L	12.52043	0.5008172		0.5	0	0	0.0914	0.5	500	100%	50	150	0%	
Chlorodibromomethane	A	ug/L	12.83929	0.5135716		0.5	0	0	0.0841	0.5	500	103%	50	150	0%	
Chloroethane	A	ug/L	14.86697	0.5946788		0.5	0	0	0.169	0.5	500	119%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970901	ICAL010422_2	VOC-8260-W-Q	CAL2	)A5975C\VG010	1/4/2022 4:00:35	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroform	A	ug/L	13.06683	0.5226732		0.5	0	0	0.0789	0.5	500	105%	70	130	0%	
Chloromethane	A	ug/L	13.86612	0.5546448		0.5	0	0	0.162	0.5	500	111%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	12.56593	0.5026372		0.5	0	0	0.108	0.5	500	101%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	12.07376	0.4829504		0.5	0	0	0.073	0.5	500	97%	50	150	0%	
Dibromomethane	A	ug/L	14.06189	0.5624756		0.5	0	0	0.147	0.5	500	112%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	12.06625	0.48265		0.5	0	0	0.175	0.5	500	97%	50	150	0%	
Ethylbenzene	A	ug/L	11.04112	0.4416448		0.5	0	0	0.0836	0.5	500	88%	70	130	0%	
m+p-Xylenes	A	ug/L	22.14096	0.8856384		1	0	0	0.15	0.5	1000	89%	70	130	0%	
Methyl ethyl ketone	A	ug/L	122.052	4.88208		5	0	0	1.77	10	5000	98%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	12.32545	0.493018		0.5	0	0	0.101	0.5	500	99%	50	150	0%	
Methylene chloride	A	ug/L	15.62358	0.6249432		0.5	0	0	0.338	0.5	500	125%	50	150	0%	
o-Xylene	A	ug/L	10.66119	0.4264476		0.5	0	0	0.0604	0.5	500	85%	50	150	0%	
Styrene	A	ug/L	11.49684	0.4598736		0.5	0	0	0.067	0.5	500	92%	70	130	0%	
Tetrachloroethene	A	ug/L	11.73024	0.4692096		0.5	0	0	0.0671	0.5	500	94%	70	130	0%	
Toluene	A	ug/L	11.28985	0.451594		0.5	0	0	0.0679	0.5	500	90%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	12.50224	0.5000896		0.5	0	0	0.125	0.5	500	100%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	11.75888	0.4703552		0.5	0	0	0.0846	0.5	500	94%	50	150	0%	
Trichloroethene	A	ug/L	11.67527	0.4670108		0.5	0	0	0.0993	0.5	500	93%	50	150	0%	
Trichlorofluoromethane	A	ug/L	11.36372	0.4545488		0.5	0	0	0.134	0.5	500	91%	50	150	0%	
Vinyl chloride	A	ug/L	12.54456	0.5017824		0.5	0	0	0.153	0.5	500	100%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	50	150	0%	
Xylenes, Total	M	ug/L	32.80215	1.312086		1.5	0	0	0.0604	0.5	1500	87%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	12.66005	0.506402		0.5	0	0	0.229	0.5	500	101%	50	150	0%	
Dibromofluoromethane	S	ug/L	12.59997	0.5039988		0.5	0	0	0.129	0.5	500	101%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	11.33932	0.4535728		0.5	0	0	0.149	0.5	500	91%	50	150	0%	
Toluene-d8	S	ug/L	11.30891	0.4523564		0.5	0	0	0.23	0.5	500	90%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970902	ICAL010422_3	VOC-8260-W-Q	CAL3	)A5975C\VG010	1/4/2022 4:28:05	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970902	ICAL010422_3	VOC-8260-W-Q	CAL3	)A5975C\VG010	1/4/2022 4:28:05	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	24.15093	0.9660372		1	0	0	0.101	0.5	500	97%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	25.18087	1.0072348		1	0	0	0.131	0.5	500	101%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	27.78828	1.1115312		1	0	0	0.0872	0.5	500	111%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	25.84	1.0336		1	0	0	0.108	0.5	500	103%	70	130	0%	
1,1-Dichloroethane	A	ug/L	25.68346	1.0273384		1	0	0	0.135	0.5	500	103%	70	130	0%	
1,1-Dichloroethene	A	ug/L	25.88489	1.0353956		1	0	0	0.141	0.5	500	104%	70	130	0%	
1,1-Dichloropropene	A	ug/L	24.36174	0.9744696		1	0	0	0.083	0.5	500	97%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	26.71444	1.0685776		1	0	0	0.235	0.5	500	107%	70	130	0%	
1,2-Dibromoethane	A	ug/L	24.36006	0.9744024		1	0	0	0.0916	0.5	500	97%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	24.94023	0.9976092		1	0	0	0.0746	0.5	500	100%	70	130	0%	
1,2-Dichloroethane	A	ug/L	23.46155	0.938462		1	0	0	0.116	0.5	500	94%	70	130	0%	
1,2-Dichloropropane	A	ug/L	25.11474	1.0045896		1	0	0	0.0847	0.5	500	100%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	25.77252	1.0309008		1	0	0	0.0803	0.5	500	103%	70	130	0%	
1,3-Dichloropropane	A	ug/L	24.38386	0.9753544		1	0	0	0.0791	0.5	500	98%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	25.32843	1.0131372		1	0	0	0.0858	0.5	500	101%	70	130	0%	
2,2-Dichloropropane	A	ug/L	26.26917	1.0507668		1	0	0	0.186	0.5	500	105%	70	130	0%	
2-Chlorotoluene	A	ug/L	25.05504	1.0022016		1	0	0	0.0876	0.5	500	100%	70	130	0%	
4-Chlorotoluene	A	ug/L	24.39357	0.9757428		1	0	0	0.0728	0.5	500	98%	70	130	0%	
Benzene	A	ug/L	23.79187	0.9516748		1	0	0	0.0914	0.5	500	95%	70	130	0%	
Bromobenzene	A	ug/L	24.76128	0.9904512		1	0	0	0.0831	0.5	500	99%	70	130	0%	
Bromochloromethane	A	ug/L	25.4383	1.017532		1	0	0	0.141	0.5	500	102%	70	130	0%	
Bromodichloromethane	A	ug/L	24.39404	0.9757616		1	0	0	0.12	0.5	500	98%	70	130	0%	
Bromoform	A	ug/L	25.92121	1.0368484		1	0	0	0.119	0.5	500	104%	70	130	0%	
Bromomethane	A	ug/L	25.77927	1.0311708		1	0	0	0.253	0.5	500	103%	70	130	0%	
Carbon tetrachloride	A	ug/L	24.77733	0.9910932		1	0	0	0.143	0.5	500	99%	70	130	0%	
Chlorobenzene	A	ug/L	24.70152	0.9880608		1	0	0	0.0914	0.5	500	99%	70	130	0%	
Chlorodibromomethane	A	ug/L	24.3492	0.973968		1	0	0	0.0841	0.5	500	97%	70	130	0%	
Chloroethane	A	ug/L	26.12501	1.0450004		1	0	0	0.169	0.5	500	105%	70	130	0%	
Chloroform	A	ug/L	24.17337	0.9669348		1	0	0	0.0789	0.5	500	97%	70	130	0%	
Chloromethane	A	ug/L	26.34224	1.0536896		1	0	0	0.162	0.5	500	105%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	24.5653	0.982612		1	0	0	0.108	0.5	500	98%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	23.25283	0.9301132		1	0	0	0.073	0.5	500	93%	70	130	0%	
Dibromomethane	A	ug/L	23.84392	0.9537568		1	0	0	0.147	0.5	500	95%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	25.67929	1.0271716		1	0	0	0.175	0.5	500	103%	70	130	0%	
Ethylbenzene	A	ug/L	23.74212	0.9496848		1	0	0	0.0836	0.5	500	95%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970902	ICAL010422_3	VOC-8260-W-Q	CAL3	)A5975C\VG010	1/4/2022 4:28:05	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	45.78355	1.831342		2	0	0	0.15	0.5	1000	92%	70	130	0%	
Methyl ethyl ketone	A	ug/L	235.05043	9.4020172		10	0	0	1.77	10	5000	94%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	23.04184	0.9216736		1	0	0	0.101	0.5	500	92%	70	130	0%	
Methylene chloride	A	ug/L	26.30581	1.0522324		1	0	0	0.338	0.5	500	105%	70	130	0%	
o-Xylene	A	ug/L	23.64197	0.9456788		1	0	0	0.0604	0.5	500	95%	70	130	0%	
Styrene	A	ug/L	23.41194	0.9364776		1	0	0	0.067	0.5	500	94%	70	130	0%	
Tetrachloroethene	A	ug/L	25.39483	1.0157932		1	0	0	0.0671	0.5	500	102%	70	130	0%	
Toluene	A	ug/L	23.63186	0.9452744		1	0	0	0.0679	0.5	500	95%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	25.46407	1.0185628		1	0	0	0.125	0.5	500	102%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	23.78943	0.9515772		1	0	0	0.0846	0.5	500	95%	70	130	0%	
Trichloroethene	A	ug/L	24.14841	0.9659364		1	0	0	0.0993	0.5	500	97%	70	130	0%	
Trichlorofluoromethane	A	ug/L	26.65307	1.0661228		1	0	0	0.134	0.5	500	107%	70	130	0%	
Vinyl chloride	A	ug/L	25.64884	1.0259536		1	0	0	0.153	0.5	500	103%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	69.42552	2.7770208		3	0	0	0.0604	0.5	1500	93%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	25.72803	1.0291212		1	0	0	0.229	0.5	500	103%	70	130	0%	
Dibromofluoromethane	S	ug/L	25.62188	1.0248752		1	0	0	0.129	0.5	500	102%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	25.28989	1.0115956		1	0	0	0.149	0.5	500	101%	70	130	0%	
Toluene-d8	S	ug/L	23.3046	0.932184		1	0	0	0.23	0.5	500	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970904	ICAL010422_4	VOC-8260-W-Q	CAL4	)A5975C\VG010	1/4/2022 4:55:32	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	47.50287	1.9001148		2	0	0	0.101	0.5	500	95%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	48.26875	1.93075		2	0	0	0.131	0.5	500	97%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	48.61239	1.9444956		2	0	0	0.0872	0.5	500	97%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	48.47589	1.9390356		2	0	0	0.108	0.5	500	97%	70	130	0%	
1,1-Dichloroethane	A	ug/L	49.18279	1.9673116		2	0	0	0.135	0.5	500	98%	70	130	0%	
1,1-Dichloroethene	A	ug/L	48.80561	1.9522244		2	0	0	0.141	0.5	500	98%	70	130	0%	
1,1-Dichloropropene	A	ug/L	47.76266	1.9105064		2	0	0	0.083	0.5	500	96%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	49.19244	1.9676976		2	0	0	0.235	0.5	500	98%	70	130	0%	
1,2-Dibromoethane	A	ug/L	49.38886	1.9755544		2	0	0	0.0916	0.5	500	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970904	ICAL010422_4	VOC-8260-W-Q	CAL4	)A5975C\VG010	1/4/2022 4:55:32	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	48.54976	1.9419904		2	0	0	0.0746	0.5	500	97%	70	130	0%	
1,2-Dichloroethane	A	ug/L	48.98798	1.9595192		2	0	0	0.116	0.5	500	98%	70	130	0%	
1,2-Dichloropropane	A	ug/L	47.52725	1.90109		2	0	0	0.0847	0.5	500	95%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	47.38535	1.895414		2	0	0	0.0803	0.5	500	95%	70	130	0%	
1,3-Dichloropropane	A	ug/L	48.8841	1.955364		2	0	0	0.0791	0.5	500	98%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	48.01064	1.9204256		2	0	0	0.0858	0.5	500	96%	70	130	0%	
2,2-Dichloropropane	A	ug/L	50.38039	2.0152156		2	0	0	0.186	0.5	500	101%	70	130	0%	
2-Chlorotoluene	A	ug/L	47.44663	1.8978652		2	0	0	0.0876	0.5	500	95%	70	130	0%	
4-Chlorotoluene	A	ug/L	48.3865	1.93546		2	0	0	0.0728	0.5	500	97%	70	130	0%	
Benzene	A	ug/L	48.00539	1.9202156		2	0	0	0.0914	0.5	500	96%	70	130	0%	
Bromobenzene	A	ug/L	47.5759	1.903036		2	0	0	0.0831	0.5	500	95%	70	130	0%	
Bromochloromethane	A	ug/L	51.62325	2.06493		2	0	0	0.141	0.5	500	103%	70	130	0%	
Bromodichloromethane	A	ug/L	47.2409	1.889636		2	0	0	0.12	0.5	500	94%	70	130	0%	
Bromoform	A	ug/L	50.51704	2.0206816		2	0	0	0.119	0.5	500	101%	70	130	0%	
Bromomethane	A	ug/L	47.59212	1.9036848		2	0	0	0.253	0.5	500	95%	70	130	0%	
Carbon tetrachloride	A	ug/L	47.75203	1.9100812		2	0	0	0.143	0.5	500	96%	70	130	0%	
Chlorobenzene	A	ug/L	47.39593	1.8958372		2	0	0	0.0914	0.5	500	95%	70	130	0%	
Chlorodibromomethane	A	ug/L	46.24113	1.8496452		2	0	0	0.0841	0.5	500	92%	70	130	0%	
Chloroethane	A	ug/L	46.22429	1.8489716		2	0	0	0.169	0.5	500	92%	70	130	0%	
Chloroform	A	ug/L	48.20314	1.9281256		2	0	0	0.0789	0.5	500	96%	70	130	0%	
Chloromethane	A	ug/L	49.79828	1.9919312		2	0	0	0.162	0.5	500	100%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	48.41535	1.936614		2	0	0	0.108	0.5	500	97%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	46.52826	1.8611304		2	0	0	0.073	0.5	500	93%	70	130	0%	
Dibromomethane	A	ug/L	47.4844	1.899376		2	0	0	0.147	0.5	500	95%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	49.48348	1.9793392		2	0	0	0.175	0.5	500	99%	70	130	0%	
Ethylbenzene	A	ug/L	46.80795	1.872318		2	0	0	0.0836	0.5	500	94%	70	130	0%	
m+p-Xylenes	A	ug/L	92.53468	3.7013872		4	0	0	0.15	0.5	1000	93%	70	130	0%	
Methyl ethyl ketone	A	ug/L	479.42958	19.1771832		20	0	0	1.77	10	5000	96%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	47.53006	1.9012024		2	0	0	0.101	0.5	500	95%	70	130	0%	
Methylene chloride	A	ug/L	50.44212	2.0176848		2	0	0	0.338	0.5	500	101%	70	130	0%	
o-Xylene	A	ug/L	47.5086	1.900344		2	0	0	0.0604	0.5	500	95%	70	130	0%	
Styrene	A	ug/L	46.70518	1.8682072		2	0	0	0.067	0.5	500	93%	70	130	0%	
Tetrachloroethene	A	ug/L	46.29317	1.8517268		2	0	0	0.0671	0.5	500	93%	70	130	0%	
Toluene	A	ug/L	47.01163	1.8804652		2	0	0	0.0679	0.5	500	94%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	49.51777	1.9807108		2	0	0	0.125	0.5	500	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970904	ICAL010422_4	VOC-8260-W-Q	CAL4	)A5975C\VG010	1/4/2022 4:55:32	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	47.0378	1.881512		2	0	0	0.0846	0.5	500	94%	70	130	0%	
Trichloroethene	A	ug/L	47.11894	1.8847576		2	0	0	0.0993	0.5	500	94%	70	130	0%	
Trichlorofluoromethane	A	ug/L	49.31283	1.9725132		2	0	0	0.134	0.5	500	99%	70	130	0%	
Vinyl chloride	A	ug/L	48.95796	1.9583184		2	0	0	0.153	0.5	500	98%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	140.04328	5.6017312		6	0	0	0.0604	0.5	1500	93%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	48.12519	1.9250076		2	0	0	0.229	0.5	500	96%	70	130	0%	
Dibromofluoromethane	S	ug/L	48.16607	1.9266428		2	0	0	0.129	0.5	500	96%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	46.6647	1.866588		2	0	0	0.149	0.5	500	93%	70	130	0%	
Toluene-d8	S	ug/L	47.14406	1.8857624		2	0	0	0.23	0.5	500	94%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970905	ICAL010422_5	VOC-8260-W-Q	CAL5	)A5975C\VG010	1/4/2022 5:50:25	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	119.0492	4.761968		5	0	0	0.101	0.5	500	95%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	118.57641	4.7430564		5	0	0	0.131	0.5	500	95%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	115.61793	4.6247172		5	0	0	0.0872	0.5	500	92%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	117.41297	4.6965188		5	0	0	0.108	0.5	500	94%	70	130	0%	
1,1-Dichloroethane	A	ug/L	118.11254	4.7245016		5	0	0	0.135	0.5	500	94%	70	130	0%	
1,1-Dichloroethene	A	ug/L	119.87977	4.7951908		5	0	0	0.141	0.5	500	96%	70	130	0%	
1,1-Dichloropropene	A	ug/L	119.80016	4.7920064		5	0	0	0.083	0.5	500	96%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	112.62609	4.5050436		5	0	0	0.235	0.5	500	90%	70	130	0%	
1,2-Dibromoethane	A	ug/L	119.23942	4.7695768		5	0	0	0.0916	0.5	500	95%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	115.43227	4.6172908		5	0	0	0.0746	0.5	500	92%	70	130	0%	
1,2-Dichloroethane	A	ug/L	118.21434	4.7285736		5	0	0	0.116	0.5	500	95%	70	130	0%	
1,2-Dichloropropane	A	ug/L	121.98902	4.8795608		5	0	0	0.0847	0.5	500	98%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	117.4899	4.699596		5	0	0	0.0803	0.5	500	94%	70	130	0%	
1,3-Dichloropropane	A	ug/L	123.01316	4.9205264		5	0	0	0.0791	0.5	500	98%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	118.7699	4.750796		5	0	0	0.0858	0.5	500	95%	70	130	0%	
2,2-Dichloropropane	A	ug/L	118.32027	4.7328108		5	0	0	0.186	0.5	500	95%	70	130	0%	
2-Chlorotoluene	A	ug/L	120.26748	4.8106992		5	0	0	0.0876	0.5	500	96%	70	130	0%	
4-Chlorotoluene	A	ug/L	121.05908	4.8423632		5	0	0	0.0728	0.5	500	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970905	ICAL010422_5	VOC-8260-W-Q	CAL5	)A5975C\VG010	1/4/2022 5:50:25	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	116.95526	4.6782104		5	0	0	0.0914	0.5	500	94%	70	130	0%	
Bromobenzene	A	ug/L	119.48008	4.7792032		5	0	0	0.0831	0.5	500	96%	70	130	0%	
Bromochloromethane	A	ug/L	118.06829	4.7227316		5	0	0	0.141	0.5	500	94%	70	130	0%	
Bromodichloromethane	A	ug/L	121.97488	4.8789952		5	0	0	0.12	0.5	500	98%	70	130	0%	
Bromoform	A	ug/L	115.7218	4.628872		5	0	0	0.119	0.5	500	93%	70	130	0%	
Bromomethane	A	ug/L	123.65037	4.9460148		5	0	0	0.253	0.5	500	99%	70	130	0%	
Carbon tetrachloride	A	ug/L	119.4667	4.778668		5	0	0	0.143	0.5	500	96%	70	130	0%	
Chlorobenzene	A	ug/L	120.69031	4.8276124		5	0	0	0.0914	0.5	500	97%	70	130	0%	
Chlorodibromomethane	A	ug/L	120.74537	4.8298148		5	0	0	0.0841	0.5	500	97%	70	130	0%	
Chloroethane	A	ug/L	122.40855	4.896342		5	0	0	0.169	0.5	500	98%	70	130	0%	
Chloroform	A	ug/L	114.59119	4.5836476		5	0	0	0.0789	0.5	500	92%	70	130	0%	
Chloromethane	A	ug/L	122.61785	4.904714		5	0	0	0.162	0.5	500	98%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	116.61895	4.664758		5	0	0	0.108	0.5	500	93%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	120.71159	4.8284636		5	0	0	0.073	0.5	500	97%	70	130	0%	
Dibromomethane	A	ug/L	118.24252	4.7297008		5	0	0	0.147	0.5	500	95%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	127.81927	5.1127708		5	0	0	0.175	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	122.52434	4.9009736		5	0	0	0.0836	0.5	500	98%	70	130	0%	
m+p-Xylenes	A	ug/L	250.25869	10.0103476		10	0	0	0.15	0.5	1000	100%	70	130	0%	
Methyl ethyl ketone	A	ug/L	1159.30194	46.3720776		50	0	0	1.77	10	5000	93%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	127.13745	5.085498		5	0	0	0.101	0.5	500	102%	70	130	0%	
Methylene chloride	A	ug/L	110.6249	4.424996		5	0	0	0.338	0.5	500	88%	70	130	0%	
o-Xylene	A	ug/L	123.23778	4.9295112		5	0	0	0.0604	0.5	500	99%	70	130	0%	
Styrene	A	ug/L	127.19102	5.0876408		5	0	0	0.067	0.5	500	102%	70	130	0%	
Tetrachloroethene	A	ug/L	119.90031	4.7960124		5	0	0	0.0671	0.5	500	96%	70	130	0%	
Toluene	A	ug/L	122.65711	4.9062844		5	0	0	0.0679	0.5	500	98%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	118.65107	4.7460428		5	0	0	0.125	0.5	500	95%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	121.49288	4.8597152		5	0	0	0.0846	0.5	500	97%	70	130	0%	
Trichloroethene	A	ug/L	123.46463	4.9385852		5	0	0	0.0993	0.5	500	99%	70	130	0%	
Trichlorofluoromethane	A	ug/L	129.06871	5.1627484		5	0	0	0.134	0.5	500	103%	70	130	0%	
Vinyl chloride	A	ug/L	125.88087	5.0352348		5	0	0	0.153	0.5	500	101%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	373.49647	14.9398588		15	0	0	0.0604	0.5	1500	100%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	116.64203	4.6656812		5	0	0	0.229	0.5	500	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970905	ICAL010422_5	VOC-8260-W-Q	CAL5	)A5975C\VG010	1/4/2022 5:50:25	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	115.11464	4.6045856		5	0	0	0.129	0.5	500	92%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	117.93503	4.7174012		5	0	0	0.149	0.5	500	94%	70	130	0%	
Toluene-d8	S	ug/L	121.27495	4.850998		5	0	0	0.23	0.5	500	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970906	ICAL010422_6	VOC-8260-W-Q	CAL6	)A5975C\VG010	1/4/2022 6:45:10	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	254.82737	10.1930948		10	0	0	0.101	0.5	500	102%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	258.72281	10.3489124		10	0	0	0.131	0.5	500	103%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	250.15769	10.0063076		10	0	0	0.0872	0.5	500	100%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	248.28816	9.9315264		10	0	0	0.108	0.5	500	99%	70	130	0%	
1,1-Dichloroethane	A	ug/L	258.43252	10.3373008		10	0	0	0.135	0.5	500	103%	70	130	0%	
1,1-Dichloroethene	A	ug/L	258.09028	10.3236112		10	0	0	0.141	0.5	500	103%	70	130	0%	
1,1-Dichloropropene	A	ug/L	264.6638	10.586552		10	0	0	0.083	0.5	500	106%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	249.26347	9.9705388		10	0	0	0.235	0.5	500	100%	70	130	0%	
1,2-Dibromoethane	A	ug/L	257.88869	10.3155476		10	0	0	0.0916	0.5	500	103%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	257.65242	10.3060968		10	0	0	0.0746	0.5	500	103%	70	130	0%	
1,2-Dichloroethane	A	ug/L	251.96754	10.0787016		10	0	0	0.116	0.5	500	101%	70	130	0%	
1,2-Dichloropropane	A	ug/L	254.71606	10.1886424		10	0	0	0.0847	0.5	500	102%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	258.62971	10.3451884		10	0	0	0.0803	0.5	500	103%	70	130	0%	
1,3-Dichloropropane	A	ug/L	263.47539	10.5390156		10	0	0	0.0791	0.5	500	105%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	254.91697	10.1966788		10	0	0	0.0858	0.5	500	102%	70	130	0%	
2,2-Dichloropropane	A	ug/L	253.03965	10.121586		10	0	0	0.186	0.5	500	101%	70	130	0%	
2-Chlorotoluene	A	ug/L	267.26165	10.690466		10	0	0	0.0876	0.5	500	107%	70	130	0%	
4-Chlorotoluene	A	ug/L	267.44092	10.6976368		10	0	0	0.0728	0.5	500	107%	70	130	0%	
Benzene	A	ug/L	257.54165	10.301666		10	0	0	0.0914	0.5	500	103%	70	130	0%	
Bromobenzene	A	ug/L	263.29438	10.5317752		10	0	0	0.0831	0.5	500	105%	70	130	0%	
Bromochloromethane	A	ug/L	247.05862	9.8823448		10	0	0	0.141	0.5	500	99%	70	130	0%	
Bromodichloromethane	A	ug/L	257.22856	10.2891424		10	0	0	0.12	0.5	500	103%	70	130	0%	
Bromoform	A	ug/L	257.5099	10.300396		10	0	0	0.119	0.5	500	103%	70	130	0%	
Bromomethane	A	ug/L	251.76065	10.070426		10	0	0	0.253	0.5	500	101%	70	130	0%	
Carbon tetrachloride	A	ug/L	260.87744	10.4350976		10	0	0	0.143	0.5	500	104%	70	130	0%	
Chlorobenzene	A	ug/L	258.25445	10.330178		10	0	0	0.0914	0.5	500	103%	70	130	0%	
Chlorodibromomethane	A	ug/L	258.35353	10.3341412		10	0	0	0.0841	0.5	500	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970906	ICAL010422_6	VOC-8260-W-Q	CAL6	)A5975C\VG010	1/4/2022 6:45:10	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	231.74321	9.2697284		10	0	0	0.169	0.5	500	93%	70	130	0%	
Chloroform	A	ug/L	248.08043	9.9232172		10	0	0	0.0789	0.5	500	99%	70	130	0%	
Chloromethane	A	ug/L	240.2183	9.608732		10	0	0	0.162	0.5	500	96%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	261.87064	10.4748256		10	0	0	0.108	0.5	500	105%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	265.28626	10.6114504		10	0	0	0.073	0.5	500	106%	70	130	0%	
Dibromomethane	A	ug/L	252.27336	10.0909344		10	0	0	0.147	0.5	500	101%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	252.15586	10.0862344		10	0	0	0.175	0.5	500	101%	70	130	0%	
Ethylbenzene	A	ug/L	266.81931	10.6727724		10	0	0	0.0836	0.5	500	107%	70	130	0%	
m+p-Xylenes	A	ug/L	543.42617	21.7370468		20	0	0	0.15	0.5	1000	109%	70	130	0%	
Methyl ethyl ketone	A	ug/L	2688.24739	107.529896		100	0	0	1.77	10	5000	108%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	258.95351	10.3581404		10	0	0	0.101	0.5	500	104%	70	130	0%	
Methylene chloride	A	ug/L	235.46573	9.4186292		10	0	0	0.338	0.5	500	94%	70	130	0%	
o-Xylene	A	ug/L	270.46357	10.8185428		10	0	0	0.0604	0.5	500	108%	70	130	0%	
Styrene	A	ug/L	278.0455	11.12182		10	0	0	0.067	0.5	500	111%	70	130	0%	
Tetrachloroethene	A	ug/L	259.74185	10.389674		10	0	0	0.0671	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	263.13299	10.5253196		10	0	0	0.0679	0.5	500	105%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	254.6608	10.186432		10	0	0	0.125	0.5	500	102%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	263.80268	10.5521072		10	0	0	0.0846	0.5	500	106%	70	130	0%	
Trichloroethene	A	ug/L	262.29307	10.4917228		10	0	0	0.0993	0.5	500	105%	70	130	0%	
Trichlorofluoromethane	A	ug/L	259.05024	10.3620096		10	0	0	0.134	0.5	500	104%	70	130	0%	
Vinyl chloride	A	ug/L	248.65325	9.94613		10	0	0	0.153	0.5	500	99%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	813.88974	32.5555896		30	0	0	0.0604	0.5	1500	109%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	258.23239	10.3292956		10	0	0	0.229	0.5	500	103%	70	130	0%	
Dibromofluoromethane	S	ug/L	259.02233	10.3608932		10	0	0	0.129	0.5	500	104%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	267.31855	10.692742		10	0	0	0.149	0.5	500	107%	70	130	0%	
Toluene-d8	S	ug/L	270.0265	10.80106		10	0	0	0.23	0.5	500	108%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970907	ICAL010422_7	VOC-8260-W-Q	CAL7	)A5975C\VG010	1/4/2022 7:39:45	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14970907	ICAL010422_7	VOC-8260-W-Q	CAL7	)A5975C\VG010	1/4/2022 7:39:45	1	R372940		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	392.18595	15.687438		15	0	0	0.101	0.5	500	105%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	386.6625	15.4665		15	0	0	0.131	0.5	500	103%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	367.42759	14.6971036		15	0	0	0.0872	0.5	500	98%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	373.25341	14.9301364		15	0	0	0.108	0.5	500	100%	70	130	0%	
1,1-Dichloroethane	A	ug/L	380.44366	15.2177464		15	0	0	0.135	0.5	500	101%	70	130	0%	
1,1-Dichloroethene	A	ug/L	380.37253	15.2149012		15	0	0	0.141	0.5	500	101%	70	130	0%	
1,1-Dichloropropene	A	ug/L	397.13223	15.8852892		15	0	0	0.083	0.5	500	106%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	363.67316	14.5469264		15	0	0	0.235	0.5	500	97%	70	130	0%	
1,2-Dibromoethane	A	ug/L	377.7698	15.110792		15	0	0	0.0916	0.5	500	101%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	375.32826	15.0131304		15	0	0	0.0746	0.5	500	100%	70	130	0%	
1,2-Dichloroethane	A	ug/L	366.9787	14.679148		15	0	0	0.116	0.5	500	98%	70	130	0%	
1,2-Dichloropropane	A	ug/L	388.85021	15.5540084		15	0	0	0.0847	0.5	500	104%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	383.62247	15.3448988		15	0	0	0.0803	0.5	500	102%	70	130	0%	
1,3-Dichloropropane	A	ug/L	389.34421	15.5737684		15	0	0	0.0791	0.5	500	104%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	371.39689	14.8558756		15	0	0	0.0858	0.5	500	99%	70	130	0%	
2,2-Dichloropropane	A	ug/L	369.84356	14.7937424		15	0	0	0.186	0.5	500	99%	70	130	0%	
2-Chlorotoluene	A	ug/L	391.82688	15.6730752		15	0	0	0.0876	0.5	500	104%	70	130	0%	
4-Chlorotoluene	A	ug/L	396.27563	15.8510252		15	0	0	0.0728	0.5	500	106%	70	130	0%	
Benzene	A	ug/L	385.85261	15.4341044		15	0	0	0.0914	0.5	500	103%	70	130	0%	
Bromobenzene	A	ug/L	386.44198	15.4576792		15	0	0	0.0831	0.5	500	103%	70	130	0%	
Bromochloromethane	A	ug/L	371.80037	14.8720148		15	0	0	0.141	0.5	500	99%	70	130	0%	
Bromodichloromethane	A	ug/L	386.19404	15.4477616		15	0	0	0.12	0.5	500	103%	70	130	0%	
Bromoform	A	ug/L	378.22002	15.1288008		15	0	0	0.119	0.5	500	101%	70	130	0%	
Bromomethane	A	ug/L	385.12594	15.4050376		15	0	0	0.253	0.5	500	103%	70	130	0%	
Carbon tetrachloride	A	ug/L	386.9014	15.476056		15	0	0	0.143	0.5	500	103%	70	130	0%	
Chlorobenzene	A	ug/L	386.94547	15.4778188		15	0	0	0.0914	0.5	500	103%	70	130	0%	
Chlorodibromomethane	A	ug/L	387.68121	15.5072484		15	0	0	0.0841	0.5	500	103%	70	130	0%	
Chloroethane	A	ug/L	364.45728	14.5782912		15	0	0	0.169	0.5	500	97%	70	130	0%	
Chloroform	A	ug/L	366.93889	14.6775556		15	0	0	0.0789	0.5	500	98%	70	130	0%	
Chloromethane	A	ug/L	352.08363	14.0833452		15	0	0	0.162	0.5	500	94%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	386.72365	15.468946		15	0	0	0.108	0.5	500	103%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	400.79296	16.0317184		15	0	0	0.073	0.5	500	107%	70	130	0%	
Dibromomethane	A	ug/L	380.65469	15.2261876		15	0	0	0.147	0.5	500	102%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	373.94485	14.957794		15	0	0	0.175	0.5	500	100%	70	130	0%	
Ethylbenzene	A	ug/L	404.7587	16.190348		15	0	0	0.0836	0.5	500	108%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970907	ICAL010422_7	VOC-8260-W-Q	CAL7	)A5975C\VG010	1/4/2022 7:39:45	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	812.85557	32.5142228		30	0	0	0.15	0.5	1000	108%	70	130	0%	
Methyl ethyl ketone	A	ug/L	3961.341	158.45364		150	0	0	1.77	10	5000	106%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	391.17667	15.6470668		15	0	0	0.101	0.5	500	104%	70	130	0%	
Methylene chloride	A	ug/L	348.06663	13.9226652		15	0	0	0.338	0.5	500	93%	70	130	0%	
o-Xylene	A	ug/L	408.20432	16.3281728		15	0	0	0.0604	0.5	500	109%	70	130	0%	
Styrene	A	ug/L	413.75947	16.5503788		15	0	0	0.067	0.5	500	110%	70	130	0%	
Tetrachloroethene	A	ug/L	382.87963	15.3151852		15	0	0	0.0671	0.5	500	102%	70	130	0%	
Toluene	A	ug/L	397.01061	15.8804244		15	0	0	0.0679	0.5	500	106%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	376.13673	15.0454692		15	0	0	0.125	0.5	500	100%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	402.10977	16.0843908		15	0	0	0.0846	0.5	500	107%	70	130	0%	
Trichloroethene	A	ug/L	394.48959	15.7795836		15	0	0	0.0993	0.5	500	105%	70	130	0%	
Trichlorofluoromethane	A	ug/L	371.42899	14.8571596		15	0	0	0.134	0.5	500	99%	70	130	0%	
Vinyl chloride	A	ug/L	372.35639	14.8942556		15	0	0	0.153	0.5	500	99%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	1221.05989	48.8423956		45	0	0	0.0604	0.5	1500	109%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	378.33349	15.1333396		15	0	0	0.229	0.5	500	101%	70	130	0%	
Dibromofluoromethane	S	ug/L	384.7503	15.390012		15	0	0	0.129	0.5	500	103%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	394.65655	15.786262		15	0	0	0.149	0.5	500	105%	70	130	0%	
Toluene-d8	S	ug/L	405.5583	16.222332		15	0	0	0.23	0.5	500	108%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970908	ICAL010422_8	VOC-8260-W-Q	CAL8	)A5975C\VG010	1/4/2022 8:34:31	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	520.28551	20.8114204		20	0	0	0.101	0.5	500	104%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	518.83124	20.7532496		20	0	0	0.131	0.5	500	104%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	491.66999	19.6667996		20	0	0	0.0872	0.5	500	98%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	505.18031	20.2072124		20	0	0	0.108	0.5	500	101%	70	130	0%	
1,1-Dichloroethane	A	ug/L	515.3207	20.612828		20	0	0	0.135	0.5	500	103%	70	130	0%	
1,1-Dichloroethene	A	ug/L	515.06031	20.6024124		20	0	0	0.141	0.5	500	103%	70	130	0%	
1,1-Dichloropropene	A	ug/L	543.51208	21.7404832		20	0	0	0.083	0.5	500	109%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	491.52294	19.6609176		20	0	0	0.235	0.5	500	98%	70	130	0%	
1,2-Dibromoethane	A	ug/L	507.9234	20.316936		20	0	0	0.0916	0.5	500	102%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970908	ICAL010422_8	VOC-8260-W-Q	CAL8	)A5975C\VG010	1/4/2022 8:34:31	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	506.38707	20.2554828		20	0	0	0.0746	0.5	500	101%	70	130	0%	
1,2-Dichloroethane	A	ug/L	497.36991	19.8947964		20	0	0	0.116	0.5	500	99%	70	130	0%	
1,2-Dichloropropane	A	ug/L	524.16945	20.966778		20	0	0	0.0847	0.5	500	105%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	511.55042	20.4620168		20	0	0	0.0803	0.5	500	102%	70	130	0%	
1,3-Dichloropropane	A	ug/L	511.24793	20.4499172		20	0	0	0.0791	0.5	500	102%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	502.30007	20.0920028		20	0	0	0.0858	0.5	500	100%	70	130	0%	
2,2-Dichloropropane	A	ug/L	499.04726	19.9618904		20	0	0	0.186	0.5	500	100%	70	130	0%	
2-Chlorotoluene	A	ug/L	538.49638	21.5398552		20	0	0	0.0876	0.5	500	108%	70	130	0%	
4-Chlorotoluene	A	ug/L	531.84706	21.2738824		20	0	0	0.0728	0.5	500	106%	70	130	0%	
Benzene	A	ug/L	511.66576	20.4666304		20	0	0	0.0914	0.5	500	102%	70	130	0%	
Bromobenzene	A	ug/L	516.0104	20.640416		20	0	0	0.0831	0.5	500	103%	70	130	0%	
Bromochloromethane	A	ug/L	494.60544	19.7842176		20	0	0	0.141	0.5	500	99%	70	130	0%	
Bromodichloromethane	A	ug/L	518.37176	20.7348704		20	0	0	0.12	0.5	500	104%	70	130	0%	
Bromoform	A	ug/L	522.76605	20.910642		20	0	0	0.119	0.5	500	105%	70	130	0%	
Bromomethane	A	ug/L	515.01414	20.6005656		20	0	0	0.253	0.5	500	103%	70	130	0%	
Carbon tetrachloride	A	ug/L	521.26297	20.8505188		20	0	0	0.143	0.5	500	104%	70	130	0%	
Chlorobenzene	A	ug/L	515.99575	20.63983		20	0	0	0.0914	0.5	500	103%	70	130	0%	
Chlorodibromomethane	A	ug/L	520.43607	20.8174428		20	0	0	0.0841	0.5	500	104%	70	130	0%	
Chloroethane	A	ug/L	481.51432	19.2605728		20	0	0	0.169	0.5	500	96%	70	130	0%	
Chloroform	A	ug/L	489.12212	19.5648848		20	0	0	0.0789	0.5	500	98%	70	130	0%	
Chloromethane	A	ug/L	480.17469	19.2069876		20	0	0	0.162	0.5	500	96%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	516.05445	20.642178		20	0	0	0.108	0.5	500	103%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	538.90085	21.556034		20	0	0	0.073	0.5	500	108%	70	130	0%	
Dibromomethane	A	ug/L	500.74556	20.0298224		20	0	0	0.147	0.5	500	100%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	494.74738	19.7898952		20	0	0	0.175	0.5	500	99%	70	130	0%	
Ethylbenzene	A	ug/L	544.68805	21.787522		20	0	0	0.0836	0.5	500	109%	70	130	0%	
m+p-Xylenes	A	ug/L	1087.40818	43.4963272		40	0	0	0.15	0.5	1000	109%	70	130	0%	
Methyl ethyl ketone	A	ug/L	5327.12526	213.085010		200	0	0	1.77	10	5000	107%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	522.81865	20.912746		20	0	0	0.101	0.5	500	105%	70	130	0%	
Methylene chloride	A	ug/L	466.99932	18.6799728		20	0	0	0.338	0.5	500	93%	70	130	0%	
o-Xylene	A	ug/L	547.47638	21.8990552		20	0	0	0.0604	0.5	500	109%	70	130	0%	
Styrene	A	ug/L	555.79455	22.231782		20	0	0	0.067	0.5	500	111%	70	130	0%	
Tetrachloroethene	A	ug/L	514.92548	20.5970192		20	0	0	0.0671	0.5	500	103%	70	130	0%	
Toluene	A	ug/L	536.51007	21.4604028		20	0	0	0.0679	0.5	500	107%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	510.00974	20.4003896		20	0	0	0.125	0.5	500	102%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970908	ICAL010422_8	VOC-8260-W-Q	CAL8	)A5975C\VG010	1/4/2022 8:34:31	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	533.75507	21.3502028		20	0	0	0.0846	0.5	500	107%	70	130	0%	
Trichloroethene	A	ug/L	534.40073	21.3760292		20	0	0	0.0993	0.5	500	107%	70	130	0%	
Trichlorofluoromethane	A	ug/L	489.6475	19.5859		20	0	0	0.134	0.5	500	98%	70	130	0%	
Vinyl chloride	A	ug/L	498.3563	19.934252		20	0	0	0.153	0.5	500	100%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	1634.88456	65.3953824		60	0	0	0.0604	0.5	1500	109%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	510.30803	20.4123212		20	0	0	0.229	0.5	500	102%	70	130	0%	
Dibromofluoromethane	S	ug/L	510.39915	20.415966		20	0	0	0.129	0.5	500	102%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	541.3964	21.655856		20	0	0	0.149	0.5	500	108%	70	130	0%	
Toluene-d8	S	ug/L	544.21357	21.7685428		20	0	0	0.23	0.5	500	109%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970909	ICV010422	VOC-8260-W-Q	ICV	)A5975C\VG010	1/4/2022 9:29:14	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	126.66575	5.06663		5	0	0	0.101	0.5	500	101%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	128.25238	5.1300952		5	0	0	0.131	0.5	500	103%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	127.47217	5.0988868		5	0	0	0.0872	0.5	500	102%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	123.03611	4.9214444		5	0	0	0.108	0.5	500	98%	80	120	0%	
1,1-Dichloroethane	A	ug/L	135.803	5.43212		5	0	0	0.135	0.5	500	109%	80	120	0%	
1,1-Dichloroethene	A	ug/L	134.45663	5.3782652		5	0	0	0.141	0.5	500	108%	80	120	0%	
1,1-Dichloropropene	A	ug/L	124.18526	4.9674104		5	0	0	0.083	0.5	500	99%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	122.95232	4.9180928		5	0	0	0.235	0.5	500	98%	80	120	0%	
1,2-Dibromoethane	A	ug/L	124.27642	4.9710568		5	0	0	0.0916	0.5	500	99%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	128.71039	5.1484156		5	0	0	0.0746	0.5	500	103%	80	120	0%	
1,2-Dichloroethane	A	ug/L	120.79914	4.8319656		5	0	0	0.116	0.5	500	97%	80	120	0%	
1,2-Dichloropropane	A	ug/L	125.66265	5.026506		5	0	0	0.0847	0.5	500	101%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	135.11854	5.4047416		5	0	0	0.0803	0.5	500	108%	80	120	0%	
1,3-Dichloropropane	A	ug/L	121.84417	4.8737668		5	0	0	0.0791	0.5	500	97%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	129.88123	5.1952492		5	0	0	0.0858	0.5	500	104%	80	120	0%	
2,2-Dichloropropane	A	ug/L	131.40305	5.256122		5	0	0	0.186	0.5	500	105%	80	120	0%	
2-Chlorotoluene	A	ug/L	131.29475	5.25179		5	0	0	0.0876	0.5	500	105%	80	120	0%	
4-Chlorotoluene	A	ug/L	137.07902	5.4831608		5	0	0	0.0728	0.5	500	110%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970909	ICV010422	VOC-8260-W-Q	ICV	)A5975C\VG010	1/4/2022 9:29:14	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	131.31393	5.2525572		5	0	0	0.0914	0.5	500	105%	80	120	0%	
Bromobenzene	A	ug/L	131.67879	5.2671516		5	0	0	0.0831	0.5	500	105%	80	120	0%	
Bromochloromethane	A	ug/L	123.60094	4.9440376		5	0	0	0.141	0.5	500	99%	80	120	0%	
Bromodichloromethane	A	ug/L	128.87588	5.1550352		5	0	0	0.12	0.5	500	103%	80	120	0%	
Bromoform	A	ug/L	129.9644	5.198576		5	0	0	0.119	0.5	500	104%	80	120	0%	
Bromomethane	A	ug/L	116.91567	4.6766268		5	0	0	0.253	0.5	500	94%	80	120	0%	
Carbon tetrachloride	A	ug/L	128.79275	5.15171		5	0	0	0.143	0.5	500	103%	80	120	0%	
Chlorobenzene	A	ug/L	131.63517	5.2654068		5	0	0	0.0914	0.5	500	105%	80	120	0%	
Chlorodibromomethane	A	ug/L	125.11031	5.0044124		5	0	0	0.0841	0.5	500	100%	80	120	0%	
Chloroethane	A	ug/L	115.59324	4.6237296		5	0	0	0.169	0.5	500	92%	80	120	0%	
Chloroform	A	ug/L	120.42358	4.8169432		5	0	0	0.0789	0.5	500	96%	80	120	0%	
Chloromethane	A	ug/L	108.77392	4.3509568		5	0	0	0.162	0.5	500	87%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	130.12309	5.2049236		5	0	0	0.108	0.5	500	104%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	121.55615	4.862246		5	0	0	0.073	0.5	500	97%	80	120	0%	
Dibromomethane	A	ug/L	125.30472	5.0121888		5	0	0	0.147	0.5	500	100%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	111.37489	4.4549956		5	0	0	0.175	0.5	500	89%	80	120	0%	
Ethylbenzene	A	ug/L	131.91134	5.2764536		5	0	0	0.0836	0.5	500	106%	80	120	0%	
m+p-Xylenes	A	ug/L	262.75886	10.5103544		10	0	0	0.15	0.5	1000	105%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1198.44392	47.9377568		50	0	0	1.77	10	5000	96%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	134.72237	5.3888948		5	0	0	0.101	0.5	500	108%	80	120	0%	
Methylene chloride	A	ug/L	121.52968	4.8611872		5	0	0	0.338	0.5	500	97%	80	120	0%	
o-Xylene	A	ug/L	132.22141	5.2888564		5	0	0	0.0604	0.5	500	106%	80	120	0%	
Styrene	A	ug/L	137.49736	5.4998944		5	0	0	0.067	0.5	500	110%	80	120	0%	
Tetrachloroethene	A	ug/L	126.01413	5.0405652		5	0	0	0.0671	0.5	500	101%	80	120	0%	
Toluene	A	ug/L	132.0244	5.280976		5	0	0	0.0679	0.5	500	106%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	134.70283	5.3881132		5	0	0	0.125	0.5	500	108%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	129.02156	5.1608624		5	0	0	0.0846	0.5	500	103%	80	120	0%	
Trichloroethene	A	ug/L	131.10958	5.2443832		5	0	0	0.0993	0.5	500	105%	80	120	0%	
Trichlorofluoromethane	A	ug/L	121.7847	4.871388		5	0	0	0.134	0.5	500	97%	80	120	0%	
Vinyl chloride	A	ug/L	120.15175	4.80607		5	0	0	0.153	0.5	500	96%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	394.98027	15.7992108		15	0	0	0.0604	0.5	1500	105%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	280.28858	11.2115432		10	0	0	0.229	0.5	500	112%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970909	ICV010422	VOC-8260-W-Q	ICV	)A5975C\VG010	1/4/2022 9:29:14	1	R372940		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	271.19937	10.8479748		10	0	0	0.129	0.5	500	108%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	269.89759	10.7959036		10	0	0	0.149	0.5	500	108%	80	120	0%	
Toluene-d8	S	ug/L	276.91062	11.0764248		10	0	0	0.23	0.5	500	111%	80	120	0%	

```
Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN01.D
Sample Name    : PRIMER
Operator       : MSC
Date injected  :  4 Jan 2022   9:44 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 1
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN02.D
Sample Name    : BFB010422_
Operator       : MSC
Date injected  :  4 Jan 2022  10:11 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 2
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN03.D
Sample Name    : CCV010422_
Operator       : MSC
Date injected  :  4 Jan 2022  10:56 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 3
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN04.D
Sample Name    : PRIMER
Misc. Info.    : Replaced purge trap
Operator       : MSC
Date injected  :  4 Jan 2022  12:17 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 4
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN05.D
Sample Name    : BFB010422_
```

Operator   : MSC
Date injected : 4 Jan 2022 12:44 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 5

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN06.D
Sample Name   : CCV010422_
Operator   : MSC
Date injected : 4 Jan 2022   1:24 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 6

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN07.D
Sample Name   : BLK
Operator   : MSC
Date injected : 4 Jan 2022   2:09 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.839
End Time   : 16.498
Vial Number   : 7

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN08.D
Sample Name   : BFB010422_
Operator   : MSC
Date injected : 4 Jan 2022   2:38 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 8

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN09.D
Sample Name   : MBLK010422_
Operator   : MSC
Date injected : 4 Jan 2022   3:05 pm
Instrument   : VOA5975C

```
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 9
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN10.D
Sample Name    : ICAL010422_1
Operator       : MSC
Date injected  :  4 Jan 2022   3:33 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 10
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN11.D
Sample Name    : ICAL010422_2
Operator       : MSC
Date injected  :  4 Jan 2022   4:00 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 11
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN12.D
Sample Name    : ICAL010422_3
Operator       : MSC
Date injected  :  4 Jan 2022   4:28 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 12
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN13.D
Sample Name    : ICAL010422_4
Operator       : MSC
Date injected  :  4 Jan 2022   4:55 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
```

```
End Time       : 16.498
Vial Number    : 13
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN14.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Jan 2022   5:22 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 14
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN15.D
Sample Name    : ICAL010422_5
Operator       : MSC
Date injected  :  4 Jan 2022   5:50 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 15
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN16.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Jan 2022   6:17 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 16
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN17.D
Sample Name    : ICAL010422_6
Operator       : MSC
Date injected  :  4 Jan 2022   6:45 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 17
---------------------------------------------------------------
```

```
Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN18.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Jan 2022   7:12 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 18
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN19.D
Sample Name    : ICAL010422_7
Operator       : MSC
Date injected  :  4 Jan 2022   7:39 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 19
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN20.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Jan 2022   8:07 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 20
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN21.D
Sample Name    : ICAL010422_8
Operator       : MSC
Date injected  :  4 Jan 2022   8:34 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 21
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN22.D
Sample Name    : BLK
```

Operator   : MSC
Date injected : 4 Jan 2022   9:01 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.839
End Time   : 16.498
Vial Number   : 22

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN23.D
Sample Name   : ICV010422
Operator   : MSC
Date injected : 4 Jan 2022   9:29 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 23

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN24.D
Sample Name   : BLK
Operator   : MSC
Date injected : 4 Jan 2022   9:56 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.839
End Time   : 16.498
Vial Number   : 24

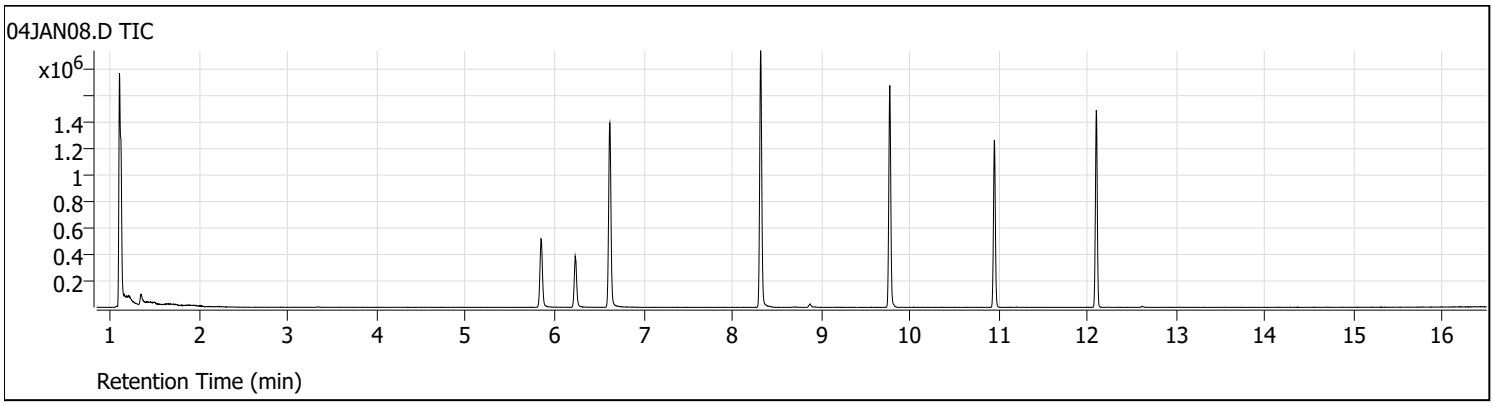
Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN25.D
Sample Name   : MDL010422_Q1_1
Operator   : MSC
Date injected : 4 Jan 2022 10:23 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 25

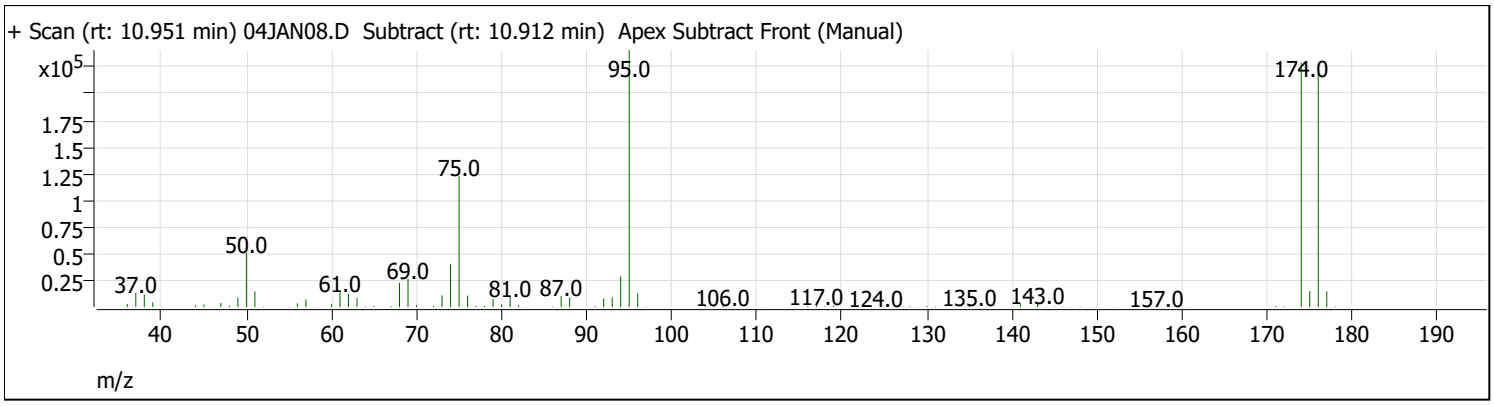
Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN26.D
Sample Name   : LOD010422_Q1_HalfCAL2
Operator   : MSC
Date injected : 4 Jan 2022 10:51 pm
Instrument   : VOA5975C

```
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 26
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN27.D
Sample Name    : MDL010422_Q1_2xCAL1
Operator       : MSC
Date injected  :  4 Jan 2022  11:18 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 27
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010422\04JAN28.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Jan 2022  11:45 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 28
---------------------------------------------------------------
```

Tune Evaluation Report

Data Path:	D:\Org\Data\VOA5975C\VG010422\04JAN08.D
Acq on:	1/4/2022 2:38:09 PM
Operator:	MSC
Sample:	BFB010422_
Inst Name:	VOA5975C
ALS Vial:	8
Method:	\\MASSHUNTER\Org\Data\Methods\BFBapex.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	21.2	51080	Pass
75	95	30	60	51.0	122824	Pass
95	95	100	100	100.0	240768	Pass
96	95	5	9	5.4	12961	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	95.2	229120	Pass
175	174	5	9	6.6	15102	Pass
176	174	95	101	95.7	219264	Pass
177	176	5	9	6.7	14796	Pass

Quantitative Analysis Results Summary Report

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Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:48 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
04JAN09.D	MBLK010422_	Method Blank	9	0		5975CACQF.M
04JAN10.D	ICAL010422_1	Cal	10	0	1	5975CACQF.M
04JAN11.D	ICAL010422_2	Cal	11	0	2	5975CACQF.M
04JAN12.D	ICAL010422_3	Cal	12	0	3	5975CACQF.M
04JAN13.D	ICAL010422_4	Cal	13	0	4	5975CACQF.M
04JAN15.D	ICAL010422_5	Cal	15	0	5	5975CACQF.M
04JAN17.D	ICAL010422_6	Cal	17	0	6	5975CACQF.M
04JAN19.D	ICAL010422_7	Cal	19	0	7	5975CACQF.M
04JAN21.D	ICAL010422_8	Cal	21	0	8	5975CACQF.M
04JAN23.D	ICV010422	QC	23	0	QC	5975CACQF.M

Quantitation Results

Compound: Dichlorodifluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	1.241	4353	770895	0.0056	4.3090	2.5000	172.4
04JAN11.D	Calibration	Fluorobenzene	1.244	12087	764419	0.0158	12.0663	12.5000	96.5
04JAN12.D	Calibration	Fluorobenzene	1.244	26627	791270	0.0337	25.6793	25.0000	102.7
04JAN13.D	Calibration	Fluorobenzene	1.241	50457	778120	0.0648	49.4835	50.0000	99.0
04JAN15.D	Calibration	Fluorobenzene	1.241	137933	823488	0.1675	127.8193	125.0000	102.3
04JAN17.D	Calibration	Fluorobenzene	1.241	276334	836278	0.3304	252.1559	250.0000	100.9
04JAN19.D	Calibration	Fluorobenzene	1.241	412544	841876	0.4900	373.9449	375.0000	99.7
04JAN21.D	Calibration	Fluorobenzene	1.241	545484	841364	0.6483	494.7474	500.0000	98.9
04JAN23.D	QC	Fluorobenzene	1.241	116936	801210	0.1459	111.3749	125.0000	

Compound: Chloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene	1.333	0	775552	0.0000	ND		
04JAN10.D	Calibration	Fluorobenzene	1.406	7435	770895	0.0096	6.0637	2.5000	242.5
04JAN11.D	Calibration	Fluorobenzene	1.406	16859	764419	0.0221	13.8661	12.5000	110.9
04JAN12.D	Calibration	Fluorobenzene	1.406	33153	791270	0.0419	26.3422	25.0000	105.4
04JAN13.D	Calibration	Fluorobenzene	1.408	61632	778120	0.0792	49.7983	50.0000	99.6
04JAN15.D	Calibration	Fluorobenzene	1.409	160604	823488	0.1950	122.6179	125.0000	98.1
04JAN17.D	Calibration	Fluorobenzene	1.408	319523	836278	0.3821	240.2183	250.0000	96.1
04JAN19.D	Calibration	Fluorobenzene	1.409	471454	841876	0.5600	352.0836	375.0000	93.9
04JAN21.D	Calibration	Fluorobenzene	1.406	642582	841364	0.7637	480.1747	500.0000	96.0

Compound: Chloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN23.D	QC	Fluorobenzene	1.406	138617	801210	0.1730	108.7739	125.0000	

Compound: Vinyl chloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene	1.489	0	775552	0.0000	ND		
04JAN10.D	Calibration	Fluorobenzene	1.495	4274	770895	0.0055	3.8739	2.5000	155.0
04JAN11.D	Calibration	Fluorobenzene	1.498	13724	764419	0.0180	12.5446	12.5000	100.4
04JAN12.D	Calibration	Fluorobenzene	1.495	29046	791270	0.0367	25.6488	25.0000	102.6
04JAN13.D	Calibration	Fluorobenzene	1.495	54521	778120	0.0701	48.9580	50.0000	97.9
04JAN15.D	Calibration	Fluorobenzene	1.495	148358	823488	0.1802	125.8809	125.0000	100.7
04JAN17.D	Calibration	Fluorobenzene	1.498	297604	836278	0.3559	248.6532	250.0000	99.5
04JAN19.D	Calibration	Fluorobenzene	1.498	448643	841876	0.5329	372.3564	375.0000	99.3
04JAN21.D	Calibration	Fluorobenzene	1.495	600092	841364	0.7132	498.3563	500.0000	99.7
04JAN23.D	QC	Fluorobenzene	1.495	137775	801210	0.1720	120.1518	125.0000	

Compound: Bromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	1.796	1902	770895	0.0025	3.8547	2.5000	154.2
04JAN11.D	Calibration	Fluorobenzene	1.796	5893	764419	0.0077	12.0464	12.5000	96.4
04JAN12.D	Calibration	Fluorobenzene	1.796	13054	791270	0.0165	25.7793	25.0000	103.1
04JAN13.D	Calibration	Fluorobenzene	1.799	23699	778120	0.0305	47.5921	50.0000	95.2
04JAN15.D	Calibration	Fluorobenzene	1.799	65163	823488	0.0791	123.6504	125.0000	98.9
04JAN17.D	Calibration	Fluorobenzene	1.799	134737	836278	0.1611	251.7606	250.0000	100.7
04JAN19.D	Calibration	Fluorobenzene	1.796	207491	841876	0.2465	385.1259	375.0000	102.7
04JAN21.D	Calibration	Fluorobenzene	1.793	277301	841364	0.3296	515.0141	500.0000	103.0
04JAN23.D	QC	Fluorobenzene	1.796	59947	801210	0.0748	116.9157	125.0000	

Compound: Chloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	1.899	2178	770895	0.0028	3.9871	2.5000	159.5
04JAN11.D	Calibration	Fluorobenzene	1.897	8052	764419	0.0105	14.8670	12.5000	118.9
04JAN12.D	Calibration	Fluorobenzene	1.897	14646	791270	0.0185	26.1250	25.0000	104.5
04JAN13.D	Calibration	Fluorobenzene	1.897	25484	778120	0.0328	46.2243	50.0000	92.4
04JAN15.D	Calibration	Fluorobenzene	1.894	71420	823488	0.0867	122.4086	125.0000	97.9
04JAN17.D	Calibration	Fluorobenzene	1.894	137312	836278	0.1642	231.7432	250.0000	92.7
04JAN19.D	Calibration	Fluorobenzene	1.897	217393	841876	0.2582	364.4573	375.0000	97.2
04JAN21.D	Calibration	Fluorobenzene	1.894	287041	841364	0.3412	481.5143	500.0000	96.3
04JAN23.D	QC	Fluorobenzene	1.897	65619	801210	0.0819	115.5932	125.0000	

Compound: Trichlorofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	2.153	5030	770895	0.0065	3.6731	2.5000	146.9
04JAN11.D	Calibration	Fluorobenzene	2.142	15431	764419	0.0202	11.3637	12.5000	90.9
04JAN12.D	Calibration	Fluorobenzene	2.142	37464	791270	0.0473	26.6531	25.0000	106.6
04JAN13.D	Calibration	Fluorobenzene	2.145	68163	778120	0.0876	49.3128	50.0000	98.6
04JAN15.D	Calibration	Fluorobenzene	2.142	188808	823488	0.2293	129.0687	125.0000	103.3
04JAN17.D	Calibration	Fluorobenzene	2.145	384837	836278	0.4602	259.0502	250.0000	103.6
04JAN19.D	Calibration	Fluorobenzene	2.145	555477	841876	0.6598	371.4290	375.0000	99.0
04JAN21.D	Calibration	Fluorobenzene	2.145	731829	841364	0.8698	489.6475	500.0000	97.9
04JAN23.D	QC	Fluorobenzene	2.145	173333	801210	0.2163	121.7847	125.0000	

Compound: 1,1-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	2.700	2084	770895	0.0027	2.6839	2.5000	107.4
04JAN11.D	Calibration	Fluorobenzene	2.700	9169	764419	0.0120	11.9081	12.5000	95.3
04JAN12.D	Calibration	Fluorobenzene	2.700	20631	791270	0.0261	25.8849	25.0000	103.5
04JAN13.D	Calibration	Fluorobenzene	2.702	38253	778120	0.0492	48.8056	50.0000	97.6
04JAN15.D	Calibration	Fluorobenzene	2.697	99438	823488	0.1208	119.8798	125.0000	95.9
04JAN17.D	Calibration	Fluorobenzene	2.702	217406	836278	0.2600	258.0903	250.0000	103.2
04JAN19.D	Calibration	Fluorobenzene	2.700	322557	841876	0.3831	380.3725	375.0000	101.4
04JAN21.D	Calibration	Fluorobenzene	2.700	436507	841364	0.5188	515.0603	500.0000	103.0
04JAN23.D	QC	Fluorobenzene	2.702	108512	801210	0.1354	134.4566	125.0000	

Compound: Methylene chloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene	3.335	1661	775552	0.0021	1.4424		
04JAN10.D	Calibration	Fluorobenzene	3.324	4095	770895	0.0053	3.5774	2.5000	143.1
04JAN11.D	Calibration	Fluorobenzene	3.338	17734	764419	0.0232	15.6236	12.5000	125.0
04JAN12.D	Calibration	Fluorobenzene	3.333	30908	791270	0.0391	26.3058	25.0000	105.2
04JAN13.D	Calibration	Fluorobenzene	3.335	58282	778120	0.0749	50.4421	50.0000	100.9
04JAN15.D	Calibration	Fluorobenzene	3.336	135271	823488	0.1643	110.6249	125.0000	88.5
04JAN17.D	Calibration	Fluorobenzene	3.333	292397	836278	0.3496	235.4657	250.0000	94.2
04JAN19.D	Calibration	Fluorobenzene	3.330	435116	841876	0.5168	348.0666	375.0000	92.8
04JAN21.D	Calibration	Fluorobenzene	3.330	583438	841364	0.6934	466.9993	500.0000	93.4
04JAN23.D	QC	Fluorobenzene	3.330	144585	801210	0.1805	121.5297	125.0000	

Compound: trans-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	3.723	2146	770895	0.0028	2.7090	2.5000	108.4
04JAN11.D	Calibration	Fluorobenzene	3.720	9821	764419	0.0128	12.5022	12.5000	100.0

Compound: trans-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN12.D	Calibration	Fluorobenzene	3.712	20706	791270	0.0262	25.4641	25.0000	101.9
04JAN13.D	Calibration	Fluorobenzene	3.717	39596	778120	0.0509	49.5178	50.0000	99.0
04JAN15.D	Calibration	Fluorobenzene	3.718	100409	823488	0.1219	118.6511	125.0000	94.9
04JAN17.D	Calibration	Fluorobenzene	3.715	218855	836278	0.2617	254.6608	250.0000	101.9
04JAN19.D	Calibration	Fluorobenzene	3.715	325415	841876	0.3865	376.1367	375.0000	100.3
04JAN21.D	Calibration	Fluorobenzene	3.718	440967	841364	0.5241	510.0097	500.0000	102.0
04JAN23.D	QC	Fluorobenzene	3.715	110909	801210	0.1384	134.7028	125.0000	

Compound: Methyl tert-butyl ether (MTBE)

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	3.759	2717	770895	0.0035	2.6532	2.5000	106.1
04JAN11.D	Calibration	Fluorobenzene	3.762	12515	764419	0.0164	12.3255	12.5000	98.6
04JAN12.D	Calibration	Fluorobenzene	3.754	24218	791270	0.0306	23.0418	25.0000	92.2
04JAN13.D	Calibration	Fluorobenzene	3.757	49126	778120	0.0631	47.5301	50.0000	95.1
04JAN15.D	Calibration	Fluorobenzene	3.754	139068	823488	0.1689	127.1375	125.0000	101.7
04JAN17.D	Calibration	Fluorobenzene	3.751	287653	836278	0.3440	258.9535	250.0000	103.6
04JAN19.D	Calibration	Fluorobenzene	3.751	437439	841876	0.5196	391.1767	375.0000	104.3
04JAN21.D	Calibration	Fluorobenzene	3.754	584294	841364	0.6945	522.8187	500.0000	104.6
04JAN23.D	QC	Fluorobenzene	3.754	143378	801210	0.1790	134.7224	125.0000	

Compound: 1,1-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	4.376	3892	770895	0.0050	2.6393	2.5000	105.6
04JAN11.D	Calibration	Fluorobenzene	4.378	17642	764419	0.0231	12.0652	12.5000	96.5
04JAN12.D	Calibration	Fluorobenzene	4.379	38874	791270	0.0491	25.6835	25.0000	102.7
04JAN13.D	Calibration	Fluorobenzene	4.381	73205	778120	0.0941	49.1828	50.0000	98.4
04JAN15.D	Calibration	Fluorobenzene	4.378	186052	823488	0.2259	118.1125	125.0000	94.5
04JAN17.D	Calibration	Fluorobenzene	4.384	413408	836278	0.4943	258.4325	250.0000	103.4
04JAN19.D	Calibration	Fluorobenzene	4.381	612660	841876	0.7277	380.4437	375.0000	101.5
04JAN21.D	Calibration	Fluorobenzene	4.378	829359	841364	0.9857	515.3207	500.0000	103.1
04JAN23.D	QC	Fluorobenzene	4.376	208131	801210	0.2598	135.8030	125.0000	

Compound: 2,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	5.196	2930	770895	0.0038	2.6520	2.5000	106.1
04JAN11.D	Calibration	Fluorobenzene	5.196	13676	764419	0.0179	12.4820	12.5000	99.9
04JAN12.D	Calibration	Fluorobenzene	5.190	29793	791270	0.0377	26.2692	25.0000	105.1
04JAN13.D	Calibration	Fluorobenzene	5.193	56189	778120	0.0722	50.3804	50.0000	100.8
04JAN15.D	Calibration	Fluorobenzene	5.196	139656	823488	0.1696	118.3203	125.0000	94.7

Compound: 2,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN17.D	Calibration	Fluorobenzene	5.190	303307	836278	0.3627	253.0397	250.0000	101.2
04JAN19.D	Calibration	Fluorobenzene	5.190	446282	841876	0.5301	369.8436	375.0000	98.6
04JAN21.D	Calibration	Fluorobenzene	5.190	601823	841364	0.7153	499.0473	500.0000	99.8
04JAN23.D	QC	Fluorobenzene	5.190	150902	801210	0.1883	131.4031	125.0000	

Compound: cis-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	5.212	2376	770895	0.0031	2.9581	2.5000	118.3
04JAN11.D	Calibration	Fluorobenzene	5.221	10008	764419	0.0131	12.5659	12.5000	100.5
04JAN12.D	Calibration	Fluorobenzene	5.212	20252	791270	0.0256	24.5653	25.0000	98.3
04JAN13.D	Calibration	Fluorobenzene	5.209	39251	778120	0.0504	48.4154	50.0000	96.8
04JAN15.D	Calibration	Fluorobenzene	5.215	100057	823488	0.1215	116.6190	125.0000	93.3
04JAN17.D	Calibration	Fluorobenzene	5.215	228170	836278	0.2728	261.8706	250.0000	104.7
04JAN19.D	Calibration	Fluorobenzene	5.212	339211	841876	0.4029	386.7236	375.0000	103.1
04JAN21.D	Calibration	Fluorobenzene	5.212	452377	841364	0.5377	516.0544	500.0000	103.2
04JAN23.D	QC	Fluorobenzene	5.209	108623	801210	0.1356	130.1231	125.0000	

Compound: Methyl ethyl ketone

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	5.302	3035	770895	0.0039	27.8967	25.0000	111.6
04JAN11.D	Calibration	Fluorobenzene	5.288	13167	764419	0.0172	122.0520	125.0000	97.6
04JAN12.D	Calibration	Fluorobenzene	5.282	26248	791270	0.0332	235.0504	250.0000	94.0
04JAN13.D	Calibration	Fluorobenzene	5.285	52648	778120	0.0677	479.4296	500.0000	95.9
04JAN15.D	Calibration	Fluorobenzene	5.282	134730	823488	0.1636	1159.3019	1250.0000	92.7
04JAN17.D	Calibration	Fluorobenzene	5.279	317271	836278	0.3794	2688.2474	2500.0000	107.5
04JAN19.D	Calibration	Fluorobenzene	5.279	470653	841876	0.5591	3961.3410	3750.0000	105.6
04JAN21.D	Calibration	Fluorobenzene	5.279	632539	841364	0.7518	5327.1253	5000.0000	106.5
04JAN23.D	QC	Fluorobenzene	5.282	135511	801210	0.1691	1198.4439	1250.0000	

Compound: Bromochloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	5.522	807	770895	0.0010	2.4260	2.5000	97.0
04JAN11.D	Calibration	Fluorobenzene	5.516	4275	764419	0.0056	12.9568	12.5000	103.7
04JAN12.D	Calibration	Fluorobenzene	5.522	8688	791270	0.0110	25.4383	25.0000	101.8
04JAN13.D	Calibration	Fluorobenzene	5.516	17338	778120	0.0223	51.6233	50.0000	103.2
04JAN15.D	Calibration	Fluorobenzene	5.519	41966	823488	0.0510	118.0683	125.0000	94.5
04JAN17.D	Calibration	Fluorobenzene	5.519	89178	836278	0.1066	247.0586	250.0000	98.8
04JAN19.D	Calibration	Fluorobenzene	5.516	135103	841876	0.1605	371.8004	375.0000	99.1
04JAN21.D	Calibration	Fluorobenzene	5.519	179618	841364	0.2135	494.6054	500.0000	98.9

Compound: Bromochloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN23.D	QC	Fluorobenzene	5.513	42744	801210	0.0533	123.6009	125.0000	

Compound: Chloroform

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	5.659	4248	770895	0.0055	2.8946	2.5000	115.8
04JAN11.D	Calibration	Fluorobenzene	5.656	19015	764419	0.0249	13.0668	12.5000	104.5
04JAN12.D	Calibration	Fluorobenzene	5.653	36413	791270	0.0460	24.1734	25.0000	96.7
04JAN13.D	Calibration	Fluorobenzene	5.650	71403	778120	0.0918	48.2031	50.0000	96.4
04JAN15.D	Calibration	Fluorobenzene	5.653	179640	823488	0.2181	114.5912	125.0000	91.7
04JAN17.D	Calibration	Fluorobenzene	5.653	394946	836278	0.4723	248.0804	250.0000	99.2
04JAN19.D	Calibration	Fluorobenzene	5.650	588080	841876	0.6985	366.9389	375.0000	97.9
04JAN21.D	Calibration	Fluorobenzene	5.653	783422	841364	0.9311	489.1221	500.0000	97.8
04JAN23.D	QC	Fluorobenzene	5.647	183676	801210	0.2292	120.4236	125.0000	

Compound: 1,1,1-Trichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	5.831	3510	770895	0.0046	2.5521	2.5000	102.1
04JAN11.D	Calibration	Fluorobenzene	5.837	16623	764419	0.0217	12.1891	12.5000	97.5
04JAN12.D	Calibration	Fluorobenzene	5.826	35547	791270	0.0449	25.1809	25.0000	100.7
04JAN13.D	Calibration	Fluorobenzene	5.834	67007	778120	0.0861	48.2688	50.0000	96.5
04JAN15.D	Calibration	Fluorobenzene	5.834	174206	823488	0.2115	118.5764	125.0000	94.9
04JAN17.D	Calibration	Fluorobenzene	5.831	386005	836278	0.4616	258.7228	250.0000	103.5
04JAN19.D	Calibration	Fluorobenzene	5.831	580748	841876	0.6898	386.6625	375.0000	103.1
04JAN21.D	Calibration	Fluorobenzene	5.834	778785	841364	0.9256	518.8312	500.0000	103.8
04JAN23.D	QC	Fluorobenzene	5.831	183324	801210	0.2288	128.2524	125.0000	

Compound: Dibromofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene	5.848	203459	775552	0.2623	278.4635		
04JAN10.D	Calibration	Fluorobenzene	5.851	2508	770895	0.0033	3.4533	2.5000	138.1
04JAN11.D	Calibration	Fluorobenzene	5.845	9074	764419	0.0119	12.6000	12.5000	100.8
04JAN12.D	Calibration	Fluorobenzene	5.845	19100	791270	0.0241	25.6219	25.0000	102.5
04JAN13.D	Calibration	Fluorobenzene	5.848	35309	778120	0.0454	48.1661	50.0000	96.3
04JAN15.D	Calibration	Fluorobenzene	5.845	89307	823488	0.1084	115.1146	125.0000	92.1
04JAN17.D	Calibration	Fluorobenzene	5.845	204073	836278	0.2440	259.0223	250.0000	103.6
04JAN19.D	Calibration	Fluorobenzene	5.848	305158	841876	0.3625	384.7503	375.0000	102.6
04JAN21.D	Calibration	Fluorobenzene	5.845	404568	841364	0.4808	510.3991	500.0000	102.1
04JAN23.D	QC	Fluorobenzene	5.848	204707	801210	0.2555	271.1994	250.0000	

Compound: Carbon tetrachloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	6.029	4342	770895	0.0056	3.2043	2.5000	128.2
04JAN11.D	Calibration	Fluorobenzene	6.021	16466	764419	0.0215	12.2545	12.5000	98.0
04JAN12.D	Calibration	Fluorobenzene	6.024	34462	791270	0.0436	24.7773	25.0000	99.1
04JAN13.D	Calibration	Fluorobenzene	6.026	65313	778120	0.0839	47.7520	50.0000	95.5
04JAN15.D	Calibration	Fluorobenzene	6.024	172928	823488	0.2100	119.4667	125.0000	95.6
04JAN17.D	Calibration	Fluorobenzene	6.026	383485	836278	0.4586	260.8774	250.0000	104.4
04JAN19.D	Calibration	Fluorobenzene	6.024	572545	841876	0.6801	386.9014	375.0000	103.2
04JAN21.D	Calibration	Fluorobenzene	6.024	770907	841364	0.9163	521.2630	500.0000	104.3
04JAN23.D	QC	Fluorobenzene	6.027	181384	801210	0.2264	128.7928	125.0000	

Compound: 1,1-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	6.041	2830	770895	0.0037	2.4201	2.5000	96.8
04JAN11.D	Calibration	Fluorobenzene	6.038	13149	764419	0.0172	11.3397	12.5000	90.7
04JAN12.D	Calibration	Fluorobenzene	6.038	29241	791270	0.0370	24.3617	25.0000	97.4
04JAN13.D	Calibration	Fluorobenzene	6.035	56376	778120	0.0725	47.7627	50.0000	95.5
04JAN15.D	Calibration	Fluorobenzene	6.038	149649	823488	0.1817	119.8002	125.0000	95.8
04JAN17.D	Calibration	Fluorobenzene	6.038	335741	836278	0.4015	264.6638	250.0000	105.9
04JAN19.D	Calibration	Fluorobenzene	6.040	507157	841876	0.6024	397.1322	375.0000	105.9
04JAN21.D	Calibration	Fluorobenzene	6.038	693669	841364	0.8245	543.5121	500.0000	108.7
04JAN23.D	QC	Fluorobenzene	6.038	150930	801210	0.1884	124.1853	125.0000	

Compound: 1,2-Dichloroethane-d4

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene	6.233	88174	775552	0.1137	279.3964		
04JAN10.D	Calibration	Fluorobenzene	6.233	923	770895	0.0012	2.9438	2.5000	117.8
04JAN11.D	Calibration	Fluorobenzene	6.227	3938	764419	0.0052	12.6600	12.5000	101.3
04JAN12.D	Calibration	Fluorobenzene	6.236	8284	791270	0.0105	25.7280	25.0000	102.9
04JAN13.D	Calibration	Fluorobenzene	6.233	15238	778120	0.0196	48.1252	50.0000	96.3
04JAN15.D	Calibration	Fluorobenzene	6.233	39086	823488	0.0475	116.6420	125.0000	93.3
04JAN17.D	Calibration	Fluorobenzene	6.236	87876	836278	0.1051	258.2324	250.0000	103.3
04JAN19.D	Calibration	Fluorobenzene	6.233	129608	841876	0.1540	378.3335	375.0000	100.9
04JAN21.D	Calibration	Fluorobenzene	6.233	174713	841364	0.2077	510.3080	500.0000	102.1
04JAN23.D	QC	Fluorobenzene	6.230	91382	801210	0.1141	280.2886	250.0000	

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene	6.266	381	775552	0.0005	0.1233		
04JAN10.D	Calibration	Fluorobenzene	6.278	8408	770895	0.0109	2.7393	2.5000	109.6
04JAN11.D	Calibration	Fluorobenzene	6.278	37071	764419	0.0485	12.1801	12.5000	97.4

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN12.D	Calibration	Fluorobenzene	6.278	74956	791270	0.0947	23.7919	25.0000	95.2
04JAN13.D	Calibration	Fluorobenzene	6.277	148727	778120	0.1911	48.0054	50.0000	96.0
04JAN15.D	Calibration	Fluorobenzene	6.278	383469	823488	0.4657	116.9553	125.0000	93.6
04JAN17.D	Calibration	Fluorobenzene	6.280	857534	836278	1.0254	257.5416	250.0000	103.0
04JAN19.D	Calibration	Fluorobenzene	6.278	1293370	841876	1.5363	385.8526	375.0000	102.9
04JAN21.D	Calibration	Fluorobenzene	6.280	1714050	841364	2.0372	511.6658	500.0000	102.3
04JAN23.D	QC	Fluorobenzene	6.280	418900	801210	0.5228	131.3139	125.0000	

Compound: 1,2-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Fluorobenzene			775552		ND		
04JAN10.D	Calibration	Fluorobenzene	6.322	2415	770895	0.0031	2.9090	2.5000	116.4
04JAN11.D	Calibration	Fluorobenzene	6.322	10202	764419	0.0133	12.3906	12.5000	99.1
04JAN12.D	Calibration	Fluorobenzene	6.322	19996	791270	0.0253	23.4616	25.0000	93.8
04JAN13.D	Calibration	Fluorobenzene	6.325	41058	778120	0.0528	48.9880	50.0000	98.0
04JAN15.D	Calibration	Fluorobenzene	6.322	104855	823488	0.1273	118.2143	125.0000	94.6
04JAN17.D	Calibration	Fluorobenzene	6.322	226964	836278	0.2714	251.9675	250.0000	100.8
04JAN19.D	Calibration	Fluorobenzene	6.322	332775	841876	0.3953	366.9787	375.0000	97.9
04JAN21.D	Calibration	Fluorobenzene	6.322	450739	841364	0.5357	497.3699	500.0000	99.5
04JAN23.D	QC	Fluorobenzene	6.325	104249	801210	0.1301	120.7991	125.0000	

Compound: Trichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	7.033	2372	296081	0.0080	2.6564	2.5000	106.3
04JAN11.D	Calibration	Chlorobenzene-d5	7.025	10442	296554	0.0352	11.6753	12.5000	93.4
04JAN12.D	Calibration	Chlorobenzene-d5	7.028	21946	301338	0.0728	24.1484	25.0000	96.6
04JAN13.D	Calibration	Chlorobenzene-d5	7.030	42682	300356	0.1421	47.1189	50.0000	94.2
04JAN15.D	Calibration	Chlorobenzene-d5	7.030	114123	306491	0.3724	123.4646	125.0000	98.8
04JAN17.D	Calibration	Chlorobenzene-d5	7.030	250285	316399	0.7910	262.2931	250.0000	104.9
04JAN19.D	Calibration	Chlorobenzene-d5	7.028	374370	314668	1.1897	394.4896	375.0000	105.2
04JAN21.D	Calibration	Chlorobenzene-d5	7.028	505400	313585	1.6117	534.4007	500.0000	106.9
04JAN23.D	QC	Chlorobenzene-d5	7.025	121734	307868	0.3954	131.1096	125.0000	

Compound: 1,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	7.273	2148	296081	0.0073	2.7347	2.5000	109.4
04JAN11.D	Calibration	Chlorobenzene-d5	7.270	9488	296554	0.0320	12.0602	12.5000	96.5
04JAN12.D	Calibration	Chlorobenzene-d5	7.270	20077	301338	0.0666	25.1147	25.0000	100.5
04JAN13.D	Calibration	Chlorobenzene-d5	7.273	37870	300356	0.1261	47.5273	50.0000	95.1
04JAN15.D	Calibration	Chlorobenzene-d5	7.270	99187	306491	0.3236	121.9890	125.0000	97.6

Compound: 1,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN17.D	Calibration	Chlorobenzene-d5	7.270	213800	316399	0.6757	254.7161	250.0000	101.9
04JAN19.D	Calibration	Chlorobenzene-d5	7.270	324602	314668	1.0316	388.8502	375.0000	103.7
04JAN21.D	Calibration	Chlorobenzene-d5	7.270	436057	313585	1.3906	524.1695	500.0000	104.8
04JAN23.D	QC	Chlorobenzene-d5	7.270	102633	307868	0.3334	125.6626	125.0000	

Compound: Dibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	7.396	902	296081	0.0030	2.7162	2.5000	108.6
04JAN11.D	Calibration	Chlorobenzene-d5	7.399	4675	296554	0.0158	14.0619	12.5000	112.5
04JAN12.D	Calibration	Chlorobenzene-d5	7.393	8055	301338	0.0267	23.8439	25.0000	95.4
04JAN13.D	Calibration	Chlorobenzene-d5	7.396	15989	300356	0.0532	47.4844	50.0000	95.0
04JAN15.D	Calibration	Chlorobenzene-d5	7.399	40628	306491	0.1326	118.2425	125.0000	94.6
04JAN17.D	Calibration	Chlorobenzene-d5	7.396	89483	316399	0.2828	252.2734	250.0000	100.9
04JAN19.D	Calibration	Chlorobenzene-d5	7.396	134282	314668	0.4267	380.6547	375.0000	101.5
04JAN21.D	Calibration	Chlorobenzene-d5	7.396	176038	313585	0.5614	500.7456	500.0000	100.1
04JAN23.D	QC	Chlorobenzene-d5	7.393	43248	307868	0.1405	125.3047	125.0000	

Compound: Bromodichloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	7.597	2536	296081	0.0086	2.7684	2.5000	110.7
04JAN11.D	Calibration	Chlorobenzene-d5	7.585	11562	296554	0.0390	12.6014	12.5000	100.8
04JAN12.D	Calibration	Chlorobenzene-d5	7.583	22743	301338	0.0755	24.3940	25.0000	97.6
04JAN13.D	Calibration	Chlorobenzene-d5	7.585	43900	300356	0.1462	47.2409	50.0000	94.5
04JAN15.D	Calibration	Chlorobenzene-d5	7.585	115664	306491	0.3774	121.9749	125.0000	97.6
04JAN17.D	Calibration	Chlorobenzene-d5	7.582	251805	316399	0.7958	257.2286	250.0000	102.9
04JAN19.D	Calibration	Chlorobenzene-d5	7.585	375983	314668	1.1949	386.1940	375.0000	103.0
04JAN21.D	Calibration	Chlorobenzene-d5	7.585	502929	313585	1.6038	518.3718	500.0000	103.7
04JAN23.D	QC	Chlorobenzene-d5	7.585	122757	307868	0.3987	128.8759	125.0000	

Compound: cis-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	8.054	2583	296081	0.0087	2.4939	2.5000	99.8
04JAN11.D	Calibration	Chlorobenzene-d5	8.062	12525	296554	0.0422	12.0738	12.5000	96.6
04JAN12.D	Calibration	Chlorobenzene-d5	8.057	24511	301338	0.0813	23.2528	25.0000	93.0
04JAN13.D	Calibration	Chlorobenzene-d5	8.057	48886	300356	0.1628	46.5283	50.0000	93.1
04JAN15.D	Calibration	Chlorobenzene-d5	8.059	129419	306491	0.4223	120.7116	125.0000	96.6
04JAN17.D	Calibration	Chlorobenzene-d5	8.057	293617	316399	0.9280	265.2863	250.0000	106.1
04JAN19.D	Calibration	Chlorobenzene-d5	8.057	441168	314668	1.4020	400.7930	375.0000	106.9
04JAN21.D	Calibration	Chlorobenzene-d5	8.059	591147	313585	1.8851	538.9008	500.0000	107.8

Compound: cis-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN23.D	QC	Chlorobenzene-d5	8.054	130910	307868	0.4252	121.5561	125.0000	

Compound: Toluene-d8

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5	8.319	770154	301196	2.5570	265.3436		
04JAN10.D	Calibration	Chlorobenzene-d5	8.322	7777	296081	0.0263	2.7257	2.5000	109.0
04JAN11.D	Calibration	Chlorobenzene-d5	8.322	32318	296554	0.1090	11.3089	12.5000	90.5
04JAN12.D	Calibration	Chlorobenzene-d5	8.319	67673	301338	0.2246	23.3046	25.0000	93.2
04JAN13.D	Calibration	Chlorobenzene-d5	8.319	136453	300356	0.4543	47.1441	50.0000	94.3
04JAN15.D	Calibration	Chlorobenzene-d5	8.319	358186	306491	1.1687	121.2749	125.0000	97.0
04JAN17.D	Calibration	Chlorobenzene-d5	8.319	823306	316399	2.6021	270.0265	250.0000	108.0
04JAN19.D	Calibration	Chlorobenzene-d5	8.322	1229775	314668	3.9082	405.5583	375.0000	108.1
04JAN21.D	Calibration	Chlorobenzene-d5	8.319	1644540	313585	5.2443	544.2136	500.0000	108.8
04JAN23.D	QC	Chlorobenzene-d5	8.322	821531	307868	2.6685	276.9106	250.0000	

Compound: Toluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	8.380	5039	296081	0.0170	2.6145	2.5000	104.6
04JAN11.D	Calibration	Chlorobenzene-d5	8.388	21794	296554	0.0735	11.2899	12.5000	90.3
04JAN12.D	Calibration	Chlorobenzene-d5	8.389	46355	301338	0.1538	23.6319	25.0000	94.5
04JAN13.D	Calibration	Chlorobenzene-d5	8.388	91915	300356	0.3060	47.0116	50.0000	94.0
04JAN15.D	Calibration	Chlorobenzene-d5	8.389	244712	306491	0.7984	122.6571	125.0000	98.1
04JAN17.D	Calibration	Chlorobenzene-d5	8.386	541945	316399	1.7129	263.1330	250.0000	105.3
04JAN19.D	Calibration	Chlorobenzene-d5	8.388	813204	314668	2.5843	397.0106	375.0000	105.9
04JAN21.D	Calibration	Chlorobenzene-d5	8.389	1095161	313585	3.4924	536.5101	500.0000	107.3
04JAN23.D	QC	Chlorobenzene-d5	8.386	264584	307868	0.8594	132.0244	125.0000	

Compound: trans-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	8.634	1470	296081	0.0050	1.9942	2.5000	79.8
04JAN11.D	Calibration	Chlorobenzene-d5	8.645	8683	296554	0.0293	11.7589	12.5000	94.1
04JAN12.D	Calibration	Chlorobenzene-d5	8.634	17850	301338	0.0592	23.7894	25.0000	95.2
04JAN13.D	Calibration	Chlorobenzene-d5	8.639	35179	300356	0.1171	47.0378	50.0000	94.1
04JAN15.D	Calibration	Chlorobenzene-d5	8.637	92719	306491	0.3025	121.4929	125.0000	97.2
04JAN17.D	Calibration	Chlorobenzene-d5	8.639	207833	316399	0.6569	263.8027	250.0000	105.5
04JAN19.D	Calibration	Chlorobenzene-d5	8.639	315063	314668	1.0013	402.1098	375.0000	107.2
04JAN21.D	Calibration	Chlorobenzene-d5	8.637	416771	313585	1.3291	533.7551	500.0000	106.8
04JAN23.D	QC	Chlorobenzene-d5	8.637	98907	307868	0.3213	129.0216	125.0000	

Compound: 1,1,2-Trichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	8.810	960	296081	0.0032	2.5012	2.5000	100.0
04JAN11.D	Calibration	Chlorobenzene-d5	8.824	5090	296554	0.0172	13.2340	12.5000	105.9
04JAN12.D	Calibration	Chlorobenzene-d5	8.815	10099	301338	0.0335	25.8400	25.0000	103.4
04JAN13.D	Calibration	Chlorobenzene-d5	8.815	18884	300356	0.0629	48.4759	50.0000	97.0
04JAN15.D	Calibration	Chlorobenzene-d5	8.818	46673	306491	0.1523	117.4130	125.0000	93.9
04JAN17.D	Calibration	Chlorobenzene-d5	8.815	101888	316399	0.3220	248.2882	250.0000	99.3
04JAN19.D	Calibration	Chlorobenzene-d5	8.818	152331	314668	0.4841	373.2534	375.0000	99.5
04JAN21.D	Calibration	Chlorobenzene-d5	8.815	205463	313585	0.6552	505.1803	500.0000	101.0
04JAN23.D	QC	Chlorobenzene-d5	8.815	49128	307868	0.1596	123.0361	125.0000	

Compound: Tetrachloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	8.932	2105	296081	0.0071	2.6772	2.5000	107.1
04JAN11.D	Calibration	Chlorobenzene-d5	8.935	9238	296554	0.0312	11.7302	12.5000	93.8
04JAN12.D	Calibration	Chlorobenzene-d5	8.935	20322	301338	0.0674	25.3948	25.0000	101.6
04JAN13.D	Calibration	Chlorobenzene-d5	8.935	36925	300356	0.1229	46.2932	50.0000	92.6
04JAN15.D	Calibration	Chlorobenzene-d5	8.935	97590	306491	0.3184	119.9003	125.0000	95.9
04JAN17.D	Calibration	Chlorobenzene-d5	8.938	218245	316399	0.6898	259.7419	250.0000	103.9
04JAN19.D	Calibration	Chlorobenzene-d5	8.938	319950	314668	1.0168	382.8796	375.0000	102.1
04JAN21.D	Calibration	Chlorobenzene-d5	8.938	428812	313585	1.3675	514.9255	500.0000	103.0
04JAN23.D	QC	Chlorobenzene-d5	8.935	103027	307868	0.3346	126.0141	125.0000	

Compound: 1,3-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	8.977	2257	296081	0.0076	2.9881	2.5000	119.5
04JAN11.D	Calibration	Chlorobenzene-d5	8.985	8967	296554	0.0302	11.8526	12.5000	94.8
04JAN12.D	Calibration	Chlorobenzene-d5	8.983	18745	301338	0.0622	24.3839	25.0000	97.5
04JAN13.D	Calibration	Chlorobenzene-d5	8.980	37457	300356	0.1247	48.8841	50.0000	97.8
04JAN15.D	Calibration	Chlorobenzene-d5	8.980	96183	306491	0.3138	123.0132	125.0000	98.4
04JAN17.D	Calibration	Chlorobenzene-d5	8.980	212669	316399	0.6722	263.4754	250.0000	105.4
04JAN19.D	Calibration	Chlorobenzene-d5	8.980	312547	314668	0.9933	389.3442	375.0000	103.8
04JAN21.D	Calibration	Chlorobenzene-d5	8.980	408993	313585	1.3042	511.2479	500.0000	102.2
04JAN23.D	QC	Chlorobenzene-d5	8.980	95697	307868	0.3108	121.8442	125.0000	

Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	9.203	1468	296081	0.0050	2.4461	2.5000	97.8
04JAN11.D	Calibration	Chlorobenzene-d5	9.206	7718	296554	0.0260	12.8393	12.5000	102.7

Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN12.D	Calibration	Chlorobenzene-d5	9.197	14873	301338	0.0494	24.3492	25.0000	97.4
04JAN13.D	Calibration	Chlorobenzene-d5	9.203	28153	300356	0.0937	46.2411	50.0000	92.5
04JAN15.D	Calibration	Chlorobenzene-d5	9.206	75015	306491	0.2448	120.7454	125.0000	96.6
04JAN17.D	Calibration	Chlorobenzene-d5	9.203	165695	316399	0.5237	258.3535	250.0000	103.3
04JAN19.D	Calibration	Chlorobenzene-d5	9.203	247279	314668	0.7858	387.6812	375.0000	103.4
04JAN21.D	Calibration	Chlorobenzene-d5	9.203	330813	313585	1.0549	520.4361	500.0000	104.1
04JAN23.D	QC	Chlorobenzene-d5	9.203	78076	307868	0.2536	125.1103	125.0000	

Compound: 1,2-Dibromoethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	9.300	1299	296081	0.0044	3.0943	2.5000	123.8
04JAN11.D	Calibration	Chlorobenzene-d5	9.300	5410	296554	0.0182	12.8640	12.5000	102.9
04JAN12.D	Calibration	Chlorobenzene-d5	9.309	10410	301338	0.0345	24.3601	25.0000	97.4
04JAN13.D	Calibration	Chlorobenzene-d5	9.303	21037	300356	0.0700	49.3889	50.0000	98.8
04JAN15.D	Calibration	Chlorobenzene-d5	9.306	51827	306491	0.1691	119.2394	125.0000	95.4
04JAN17.D	Calibration	Chlorobenzene-d5	9.306	115714	316399	0.3657	257.8887	250.0000	103.2
04JAN19.D	Calibration	Chlorobenzene-d5	9.306	168577	314668	0.5357	377.7698	375.0000	100.7
04JAN21.D	Calibration	Chlorobenzene-d5	9.303	225877	313585	0.7203	507.9234	500.0000	101.6
04JAN23.D	QC	Chlorobenzene-d5	9.306	54259	307868	0.1762	124.2764	125.0000	

Compound: Chlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	9.805	5771	296081	0.0195	2.7350	2.5000	109.4
04JAN11.D	Calibration	Chlorobenzene-d5	9.802	26461	296554	0.0892	12.5204	12.5000	100.2
04JAN12.D	Calibration	Chlorobenzene-d5	9.802	53047	301338	0.1760	24.7015	25.0000	98.8
04JAN13.D	Calibration	Chlorobenzene-d5	9.802	101452	300356	0.3378	47.3959	50.0000	94.8
04JAN15.D	Calibration	Chlorobenzene-d5	9.802	263617	306491	0.8601	120.6903	125.0000	96.6
04JAN17.D	Calibration	Chlorobenzene-d5	9.802	582326	316399	1.8405	258.2544	250.0000	103.3
04JAN19.D	Calibration	Chlorobenzene-d5	9.802	867732	314668	2.7576	386.9455	375.0000	103.2
04JAN21.D	Calibration	Chlorobenzene-d5	9.802	1153147	313585	3.6773	515.9957	500.0000	103.2
04JAN23.D	QC	Chlorobenzene-d5	9.802	288815	307868	0.9381	131.6352	125.0000	

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	9.889	1893	296081	0.0064	2.5659	2.5000	102.6
04JAN11.D	Calibration	Chlorobenzene-d5	9.889	9473	296554	0.0319	12.8225	12.5000	102.6
04JAN12.D	Calibration	Chlorobenzene-d5	9.889	18130	301338	0.0602	24.1509	25.0000	96.6
04JAN13.D	Calibration	Chlorobenzene-d5	9.889	35544	300356	0.1183	47.5029	50.0000	95.0
04JAN15.D	Calibration	Chlorobenzene-d5	9.889	90898	306491	0.2966	119.0492	125.0000	95.2

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN17.D	Calibration	Chlorobenzene-d5	9.891	200859	316399	0.6348	254.8274	250.0000	101.9
04JAN19.D	Calibration	Chlorobenzene-d5	9.892	307436	314668	0.9770	392.1859	375.0000	104.6
04JAN21.D	Calibration	Chlorobenzene-d5	9.892	406450	313585	1.2961	520.2855	500.0000	104.1
04JAN23.D	QC	Chlorobenzene-d5	9.892	97148	307868	0.3156	126.6657	125.0000	

Compound: Ethylbenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	9.920	9283	296081	0.0314	2.5367	2.5000	101.5
04JAN11.D	Calibration	Chlorobenzene-d5	9.917	40470	296554	0.1365	11.0411	12.5000	88.3
04JAN12.D	Calibration	Chlorobenzene-d5	9.917	88428	301338	0.2935	23.7421	25.0000	95.0
04JAN13.D	Calibration	Chlorobenzene-d5	9.917	173769	300356	0.5785	46.8079	50.0000	93.6
04JAN15.D	Calibration	Chlorobenzene-d5	9.920	464148	306491	1.5144	122.5243	125.0000	98.0
04JAN17.D	Calibration	Chlorobenzene-d5	9.919	1043443	316399	3.2979	266.8193	250.0000	106.7
04JAN19.D	Calibration	Chlorobenzene-d5	9.919	1574219	314668	5.0028	404.7587	375.0000	107.9
04JAN21.D	Calibration	Chlorobenzene-d5	9.919	2111152	313585	6.7323	544.6881	500.0000	108.9
04JAN23.D	QC	Chlorobenzene-d5	9.917	501953	307868	1.6304	131.9113	125.0000	

Compound: m+p-Xylenes

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	10.045	7212	296081	0.0244	5.0712	5.0000	101.4
04JAN11.D	Calibration	Chlorobenzene-d5	10.037	31538	296554	0.1063	22.1410	25.0000	88.6
04JAN12.D	Calibration	Chlorobenzene-d5	10.039	66267	301338	0.2199	45.7836	50.0000	91.6
04JAN13.D	Calibration	Chlorobenzene-d5	10.039	133498	300356	0.4445	92.5347	100.0000	92.5
04JAN15.D	Calibration	Chlorobenzene-d5	10.039	368418	306491	1.2021	250.2587	250.0000	100.1
04JAN17.D	Calibration	Chlorobenzene-d5	10.039	825866	316399	2.6102	543.4262	500.0000	108.7
04JAN19.D	Calibration	Chlorobenzene-d5	10.039	1228570	314668	3.9043	812.8556	750.0000	108.4
04JAN21.D	Calibration	Chlorobenzene-d5	10.039	1637879	313585	5.2231	1087.4082	1000.0000	108.7
04JAN23.D	QC	Chlorobenzene-d5	10.039	388558	307868	1.2621	262.7589	250.0000	

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	10.430	3330	296081	0.0112	2.6303	2.5000	105.2
04JAN11.D	Calibration	Chlorobenzene-d5	10.430	13519	296554	0.0456	10.6612	12.5000	85.3
04JAN12.D	Calibration	Chlorobenzene-d5	10.427	30463	301338	0.1011	23.6420	25.0000	94.6
04JAN13.D	Calibration	Chlorobenzene-d5	10.430	61016	300356	0.2031	47.5086	50.0000	95.0
04JAN15.D	Calibration	Chlorobenzene-d5	10.430	161509	306491	0.5270	123.2378	125.0000	98.6
04JAN17.D	Calibration	Chlorobenzene-d5	10.430	365914	316399	1.1565	270.4636	250.0000	108.2
04JAN19.D	Calibration	Chlorobenzene-d5	10.433	549244	314668	1.7455	408.2043	375.0000	108.9
04JAN21.D	Calibration	Chlorobenzene-d5	10.430	734101	313585	2.3410	547.4764	500.0000	109.5

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN23.D	QC	Chlorobenzene-d5	10.430	174061	307868	0.5654	132.2214	125.0000	

Compound: Styrene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	Chlorobenzene-d5			301196		ND		
04JAN10.D	Calibration	Chlorobenzene-d5	10.444	4408	296081	0.0149	2.1625	2.5000	86.5
04JAN11.D	Calibration	Chlorobenzene-d5	10.449	23472	296554	0.0791	11.4968	12.5000	92.0
04JAN12.D	Calibration	Chlorobenzene-d5	10.447	48569	301338	0.1612	23.4119	25.0000	93.6
04JAN13.D	Calibration	Chlorobenzene-d5	10.444	96576	300356	0.3215	46.7052	50.0000	93.4
04JAN15.D	Calibration	Chlorobenzene-d5	10.447	268375	306491	0.8756	127.1910	125.0000	101.8
04JAN17.D	Calibration	Chlorobenzene-d5	10.446	605646	316399	1.9142	278.0455	250.0000	111.2
04JAN19.D	Calibration	Chlorobenzene-d5	10.447	896331	314668	2.8485	413.7595	375.0000	110.3
04JAN21.D	Calibration	Chlorobenzene-d5	10.449	1199879	313585	3.8263	555.7946	500.0000	111.2
04JAN23.D	QC	Chlorobenzene-d5	10.449	291425	307868	0.9466	137.4974	125.0000	

Compound: Bromoform

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	10.625	708	227879	0.0031	2.4287	2.5000	97.1
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	10.625	3652	242142	0.0151	11.7860	12.5000	94.3
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	10.625	7972	240335	0.0332	25.9212	25.0000	103.7
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	10.625	16073	248636	0.0646	50.5170	50.0000	101.0
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	10.628	39165	264477	0.1481	115.7218	125.0000	92.6
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	10.628	87836	266553	0.3295	257.5099	250.0000	103.0
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	10.628	129038	266611	0.4840	378.2200	375.0000	100.9
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	10.625	175918	262971	0.6690	522.7660	500.0000	104.6
04JAN23.D	QC	1,4-Dichlorobenzene-d4	10.628	42560	255907	0.1663	129.9644	125.0000	

Compound: p-Bromofluorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4	10.951	226743	231562	0.9792	267.2815		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	10.951	2719	227879	0.0119	3.2569	2.5000	130.3
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	10.948	10059	242142	0.0415	11.3393	12.5000	90.7
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	10.951	22267	240335	0.0926	25.2899	25.0000	101.2
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	10.951	42506	248636	0.1710	46.6647	50.0000	93.3
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	10.954	114269	264477	0.4321	117.9350	125.0000	94.3
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	10.951	261042	266553	0.9793	267.3186	250.0000	106.9
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	10.951	385474	266611	1.4458	394.6566	375.0000	105.2
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	10.949	521580	262971	1.9834	541.3964	500.0000	108.3
04JAN23.D	QC	1,4-Dichlorobenzene-d4	10.951	253034	255907	0.9888	269.8976	250.0000	

Compound: Bromobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	11.088	2024	227879	0.0089	2.7439	2.5000	109.8
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.096	9663	242142	0.0399	12.3310	12.5000	98.6
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	11.094	19259	240335	0.0801	24.7613	25.0000	99.0
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.093	38282	248636	0.1540	47.5759	50.0000	95.2
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.094	102265	264477	0.3867	119.4801	125.0000	95.6
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	11.093	227127	266553	0.8521	263.2944	250.0000	105.3
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	11.093	333431	266611	1.2506	386.4420	375.0000	103.1
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	11.094	439147	262971	1.6699	516.0104	500.0000	103.2
04JAN23.D	QC	1,4-Dichlorobenzene-d4	11.093	109054	255907	0.4261	131.6788	125.0000	

Compound: 1,1,2,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	11.113	1142	227879	0.0050	2.6916	2.5000	107.7
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.116	5793	242142	0.0239	12.8437	12.5000	102.7
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	11.110	12440	240335	0.0518	27.7883	25.0000	111.2
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.105	22514	248636	0.0906	48.6124	50.0000	97.2
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.116	56958	264477	0.2154	115.6179	125.0000	92.5
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	11.113	124205	266553	0.4660	250.1577	250.0000	100.1
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	11.110	182470	266611	0.6844	367.4276	375.0000	98.0
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	11.113	240837	262971	0.9158	491.6700	500.0000	98.3
04JAN23.D	QC	1,4-Dichlorobenzene-d4	11.113	60763	255907	0.2374	127.4722	125.0000	

Compound: 1,2,3-Trichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4			227879		ND	2.5000	
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.144	1654	242142	0.0068	13.7084	12.5000	109.7
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	11.149	3200	240335	0.0133	26.7144	25.0000	106.9
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.146	6096	248636	0.0245	49.1924	50.0000	98.4
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.147	14846	264477	0.0561	112.6261	125.0000	90.1
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	11.152	33115	266553	0.1242	249.2635	250.0000	99.7
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	11.149	48325	266611	0.1813	363.6732	375.0000	97.0
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	11.146	64422	262971	0.2450	491.5229	500.0000	98.3
04JAN23.D	QC	1,4-Dichlorobenzene-d4	11.146	15682	255907	0.0613	122.9523	125.0000	

Compound: 2-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	11.292	1844	227879	0.0081	2.5124	2.5000	100.5
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.289	8731	242142	0.0361	11.1977	12.5000	89.6

Compound: 2-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	11.286	19390	240335	0.0807	25.0550	25.0000	100.2
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.289	37987	248636	0.1528	47.4466	50.0000	94.9
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.292	102424	264477	0.3873	120.2675	125.0000	96.2
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	11.291	229396	266553	0.8606	267.2616	250.0000	106.9
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	11.291	336386	266611	1.2617	391.8269	375.0000	104.5
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	11.292	455991	262971	1.7340	538.4964	500.0000	107.7
04JAN23.D	QC	1,4-Dichlorobenzene-d4	11.291	108192	255907	0.4228	131.2948	125.0000	

Compound: 4-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	11.400	5419	227879	0.0238	2.2650	2.5000	90.6
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.400	28532	242142	0.1178	11.2233	12.5000	89.8
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	11.400	61551	240335	0.2561	24.3936	25.0000	97.6
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.400	126308	248636	0.5080	48.3865	50.0000	96.8
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.400	336146	264477	1.2710	121.0591	125.0000	96.8
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	11.400	748435	266553	2.8078	267.4409	250.0000	107.0
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	11.400	1109221	266611	4.1604	396.2756	375.0000	105.7
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	11.400	1468376	262971	5.5838	531.8471	500.0000	106.4
04JAN23.D	QC	1,4-Dichlorobenzene-d4	11.400	368295	255907	1.4392	137.0790	125.0000	

Compound: 1,3-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	12.033	3541	227879	0.0155	2.6327	2.5000	105.3
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	12.036	16932	242142	0.0699	11.8473	12.5000	94.8
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	12.033	36559	240335	0.1521	25.7725	25.0000	103.1
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	12.033	69539	248636	0.2797	47.3853	50.0000	94.8
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	12.031	183404	264477	0.6935	117.4899	125.0000	94.0
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	12.033	406895	266553	1.5265	258.6297	250.0000	103.5
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	12.033	603674	266611	2.2643	383.6225	375.0000	102.3
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	12.033	793993	262971	3.0193	511.5504	500.0000	102.3
04JAN23.D	QC	1,4-Dichlorobenzene-d4	12.033	204088	255907	0.7975	135.1185	125.0000	

Compound: 1,4-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	12.125	3787	227879	0.0166	2.7613	2.5000	110.5
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	12.122	17438	242142	0.0720	11.9662	12.5000	95.7
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	12.125	36635	240335	0.1524	25.3284	25.0000	101.3
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	12.125	71841	248636	0.2889	48.0106	50.0000	96.0
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	12.125	189045	264477	0.7148	118.7699	125.0000	95.0

Compound: 1,4-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	12.122	408934	266553	1.5342	254.9170	250.0000	102.0
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	12.125	595919	266611	2.2352	371.3969	375.0000	99.0
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	12.125	794954	262971	3.0230	502.3001	500.0000	100.5
04JAN23.D	QC	1,4-Dichlorobenzene-d4	12.122	200032	255907	0.7817	129.8812	125.0000	

Compound: 1,2-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04JAN09.D	Blank	1,4-Dichlorobenzene-d4			231562		ND		
04JAN10.D	Calibration	1,4-Dichlorobenzene-d4	12.499	3104	227879	0.0136	2.7307	2.5000	109.2
04JAN11.D	Calibration	1,4-Dichlorobenzene-d4	12.493	14666	242142	0.0606	12.1423	12.5000	97.1
04JAN12.D	Calibration	1,4-Dichlorobenzene-d4	12.488	29899	240335	0.1244	24.9402	25.0000	99.8
04JAN13.D	Calibration	1,4-Dichlorobenzene-d4	12.491	60213	248636	0.2422	48.5498	50.0000	97.1
04JAN15.D	Calibration	1,4-Dichlorobenzene-d4	12.493	152284	264477	0.5758	115.4323	125.0000	92.3
04JAN17.D	Calibration	1,4-Dichlorobenzene-d4	12.493	342576	266553	1.2852	257.6524	250.0000	103.1
04JAN19.D	Calibration	1,4-Dichlorobenzene-d4	12.493	499147	266611	1.8722	375.3283	375.0000	100.1
04JAN21.D	Calibration	1,4-Dichlorobenzene-d4	12.493	664247	262971	2.5259	506.3871	500.0000	101.3
04JAN23.D	QC	1,4-Dichlorobenzene-d4	12.493	164299	255907	0.6420	128.7104	125.0000	

Initial Calibration Report - VOA5975C

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Method Path	\\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL
Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m
Batch Name	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin
Last Calib Update	1/9/2022 8:59:52 PM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\VOA5975C\VG010422\04JAN10.D	1/4/2022 3:33:04 PM	1/5/2022 11:05:51 AM
2	D:\Org\Data\VOA5975C\VG010422\04JAN11.D	1/4/2022 4:00:35 PM	1/5/2022 11:05:51 AM
3	D:\Org\Data\VOA5975C\VG010422\04JAN12.D	1/4/2022 4:28:05 PM	1/5/2022 11:05:51 AM
4	D:\Org\Data\VOA5975C\VG010422\04JAN13.D	1/4/2022 4:55:32 PM	1/5/2022 11:05:51 AM
5	D:\Org\Data\VOA5975C\VG010422\04JAN15.D	1/4/2022 5:50:25 PM	1/5/2022 11:05:51 AM
6	D:\Org\Data\VOA5975C\VG010422\04JAN17.D	1/4/2022 6:45:10 PM	1/5/2022 11:05:51 AM
7	D:\Org\Data\VOA5975C\VG010422\04JAN19.D	1/4/2022 7:39:45 PM	1/5/2022 11:05:51 AM
8	D:\Org\Data\VOA5975C\VG010422\04JAN21.D	1/4/2022 8:34:31 PM	1/5/2022 11:05:51 AM

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I Fluorobenzene						ISTD					
T Dichlorodifluoromethane	Avg RF		0.3162	0.3365	0.3242	0.3350	0.3304	0.3267	0.3242	0.3276	2.141
T Chloromethane	Avg RF		0.4411	0.4190	0.3960	0.3901	0.3821	0.3733	0.3819	0.3976	6.061
T Vinyl chloride	Avg RF		0.3591	0.3671	0.3503	0.3603	0.3559	0.3553	0.3566	0.3578	1.449
T Bromomethane	Avg RF		0.1542	0.1650	0.1523	0.1583	0.1611	0.1643	0.1648	0.1600	3.267
T Chloroethane	Avg RF		0.2107	0.1851	0.1638	0.1735	0.1642	0.1721	0.1706	0.1771	9.265
T Trichlorofluoromethane	Avg RF		0.4037	0.4735	0.4380	0.4586	0.4602	0.4399	0.4349	0.4441	5.118
T 1,1-Dichloroethene	Avg RF		0.2399	0.2607	0.2458	0.2415	0.2600	0.2554	0.2594	0.2518	3.629
T Methylene chloride	Avg RF		0.4640	0.3906	0.3745	0.3285	0.3496	0.3446	0.3467	0.3712	12.340
T trans-1,2-Dichloroethene	Avg RF		0.2570	0.2617	0.2544	0.2439	0.2617	0.2577	0.2621	0.2569	2.508
T Methyl tert-butyl ether (MTBE)	Avg RF		0.3274	0.3061	0.3157	0.3378	0.3440	0.3464	0.3472	0.3321	4.880
T 1,1-Dichloroethane	Avg RF		0.4616	0.4913	0.4704	0.4519	0.4943	0.4852	0.4929	0.4782	3.547
T 2,2-Dichloropropane	Avg RF		0.3578	0.3765	0.3611	0.3392	0.3627	0.3534	0.3576	0.3583	3.118
T cis-1,2-Dichloroethene	Avg RF		0.2618	0.2559	0.2522	0.2430	0.2728	0.2686	0.2688	0.2605	4.101
T Methyl ethyl ketone	Avg RF		0.0344	0.0332	0.0338	0.0327	0.0379	0.0373	0.0376	0.0353 #	6.353
T Bromochloromethane	Avg RF		0.1118	0.1098	0.1114	0.1019	0.1066	0.1070	0.1067	0.1079	3.188
T Chloroform	Avg RF	0.5510	0.4975	0.4602	0.4588	0.4363	0.4723	0.4657	0.4656	0.4759	7.299
T 1,1,1-Trichloroethane	Avg RF		0.4349	0.4492	0.4306	0.4231	0.4616	0.4599	0.4628	0.4460	3.677
S Dibromofluoromethane	Avg RF		0.2374	0.2414	0.2269	0.2169	0.2440	0.2416	0.2404	0.2355	4.222
T Carbon tetrachloride	Avg RF		0.4308	0.4355	0.4197	0.4200	0.4586	0.4534	0.4581	0.4394	3.906
T 1,1-Dichloropropene	Avg RF		0.3440	0.3695	0.3623	0.3635	0.4015	0.4016	0.4122	0.3792	6.770
S 1,2-Dichloroethane-d4	Avg RF		0.1030	0.1047	0.0979	0.0949	0.1051	0.1026	0.1038	0.1017	3.759
T Benzene	Avg RF	1.0907	0.9699	0.9473	0.9557	0.9313	1.0254	1.0242	1.0186	0.9954	5.369
T 1,2-Dichloroethane	Avg RF	0.3133	0.2669	0.2527	0.2638	0.2547	0.2714	0.2635	0.2679	0.2693	7.024
I Chlorobenzene-d5						ISTD					
T Trichloroethene	Avg RF		0.7042	0.7283	0.7105	0.7447	0.7910	0.7932	0.8058	0.7540	5.603
T 1,2-Dichloropropane	Avg RF		0.6399	0.6663	0.6304	0.6472	0.6757	0.6877	0.6953	0.6632	3.729
T Dibromomethane	Avg RF		0.3153	0.2673	0.2662	0.2651	0.2828	0.2845	0.2807	0.2803	6.261
T Bromodichloromethane	Avg RF		0.7798	0.7547	0.7308	0.7548	0.7958	0.7966	0.8019	0.7735	3.503

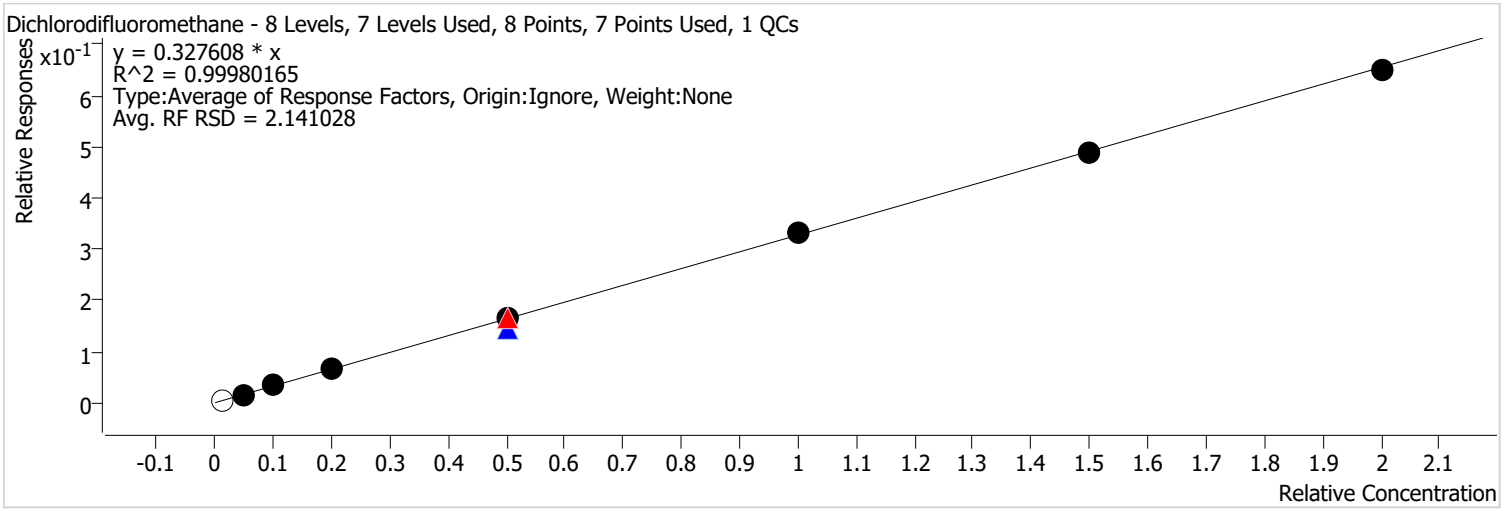
Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
T cis-1,3-Dichloropropene	Avg RF		0.8447	0.8134	0.8138	0.8445	0.9280	0.9347	0.9426	0.8745	6.654
S Toluene-d8	Avg RF		2.1796	2.2458	2.2715	2.3373	2.6021	2.6054	2.6222	2.4091	8.032
T Toluene	Avg RF	1.7019	1.4698	1.5383	1.5301	1.5969	1.7129	1.7229	1.7462	1.6274	6.538
T trans-1,3-Dichloropropene	Avg RF		0.5856	0.5924	0.5856	0.6050	0.6569	0.6675	0.6645	0.6225	6.190
T 1,1,2-Trichloroethane	Avg RF		0.3433	0.3351	0.3144	0.3046	0.3220	0.3227	0.3276	0.3242	3.951
T Tetrachloroethene	Avg RF	0.7110	0.6230	0.6744	0.6147	0.6368	0.6898	0.6779	0.6837	0.6639	5.221
T 1,3-Dichloropropane	Avg RF		0.6047	0.6221	0.6235	0.6276	0.6722	0.6622	0.6521	0.6378	3.855
T Chlorodibromomethane	Avg RF		0.5205	0.4936	0.4687	0.4895	0.5237	0.5239	0.5275	0.5068	4.501
T 1,2-Dibromoethane	Avg RF		0.3649	0.3455	0.3502	0.3382	0.3657	0.3572	0.3602	0.3545	2.909
T Chlorobenzene	Avg RF		1.7846	1.7604	1.6889	1.7202	1.8405	1.8384	1.8387	1.7817	3.458
T 1,1,1,2-Tetrachloroethane	Avg RF		0.6389	0.6016	0.5917	0.5932	0.6348	0.6513	0.6481	0.6228	4.223
T Ethylbenzene	Avg RF	3.1353	2.7294	2.9345	2.8927	3.0288	3.2979	3.3352	3.3662	3.0900	7.526
T m+p-Xylenes	Avg RF	1.2179	1.0635	1.0995	1.1112	1.2021	1.3051	1.3014	1.3058	1.2008	8.296
T o-Xylene	Avg RF		0.9117	1.0109	1.0157	1.0539	1.1565	1.1636	1.1705	1.0690	9.204
T Styrene	Avg RF	1.4888	1.5830	1.6118	1.6077	1.7513	1.9142	1.8990	1.9132	1.7211	9.933
I 1,4-Dichlorobenzene-d4				---------- ISTD ----------							
T Bromoform	Avg RF		0.3016	0.3317	0.3232	0.2962	0.3295	0.3227	0.3345	0.3199	4.706
S p-Bromofluorobenzene	Avg RF		0.8308	0.9265	0.8548	0.8641	0.9793	0.9639	0.9917	0.9159	7.165
T Bromobenzene	Avg RF		0.7981	0.8013	0.7698	0.7733	0.8521	0.8338	0.8350	0.8091	3.949
T 1,1,2,2-Tetrachloroethane	Avg RF		0.4785	0.5176	0.4528	0.4307	0.4660	0.4563	0.4579	0.4657	5.814
T 1,2,3-Trichloropropane	Avg RF		0.1366	0.1331	0.1226	0.1123	0.1242	0.1208	0.1225	0.1246	6.496
T 2-Chlorotoluene	Avg RF		0.7211	0.8068	0.7639	0.7745	0.8606	0.8411	0.8670	0.8050	6.783
T 4-Chlorotoluene	Avg RF		2.3566	2.5611	2.5400	2.5420	2.8078	2.7736	2.7919	2.6247	6.481
T 1,3-Dichlorobenzene	Avg RF	1.5539	1.3985	1.5212	1.3984	1.3869	1.5265	1.5095	1.5097	1.4756	4.644
T 1,4-Dichlorobenzene	Avg RF	1.6618	1.4403	1.5243	1.4447	1.4296	1.5342	1.4901	1.5115	1.5046	4.999
T 1,2-Dichlorobenzene	Avg RF	1.3621	1.2114	1.2441	1.2109	1.1516	1.2852	1.2481	1.2630	1.2470	4.949

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:39 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dichlorodifluoromethane %RSE = 2.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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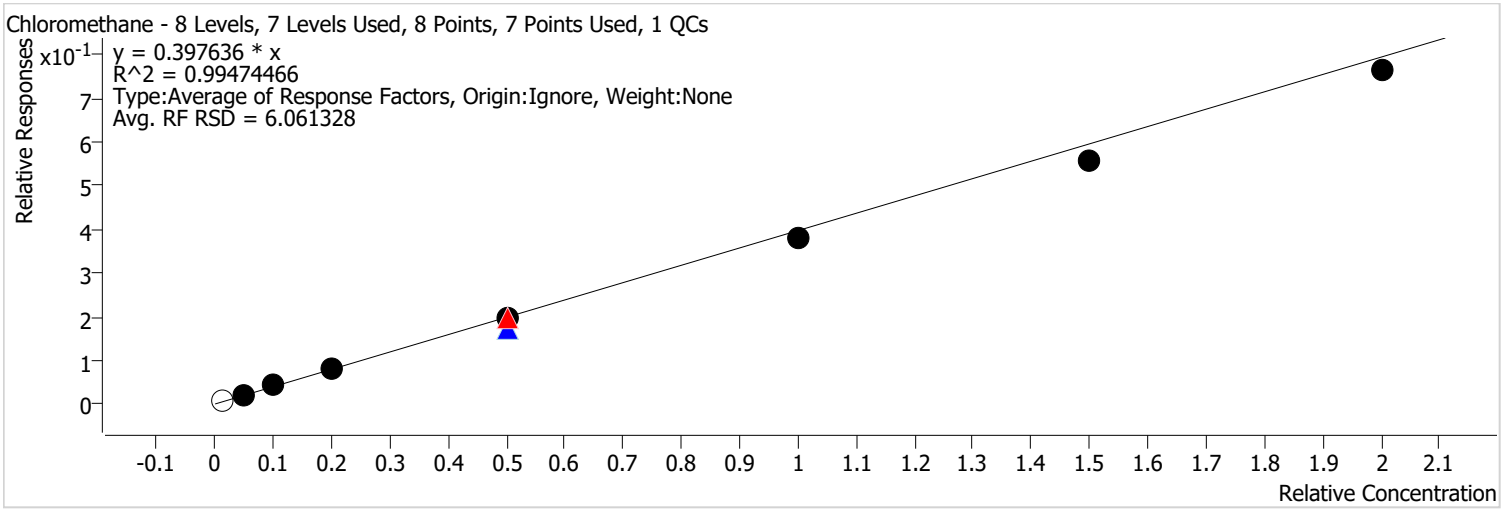
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	26627	25.0000	0.3365	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	50457	50.0000	0.3242	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	116936	125.0000	0.2919	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	137933	125.0000	0.3350	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	137933	125.0000	0.3350	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	276334	250.0000	0.3304	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	412544	375.0000	0.3267	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	545484	500.0000	0.3242	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:42 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloromethane %RSE = 6.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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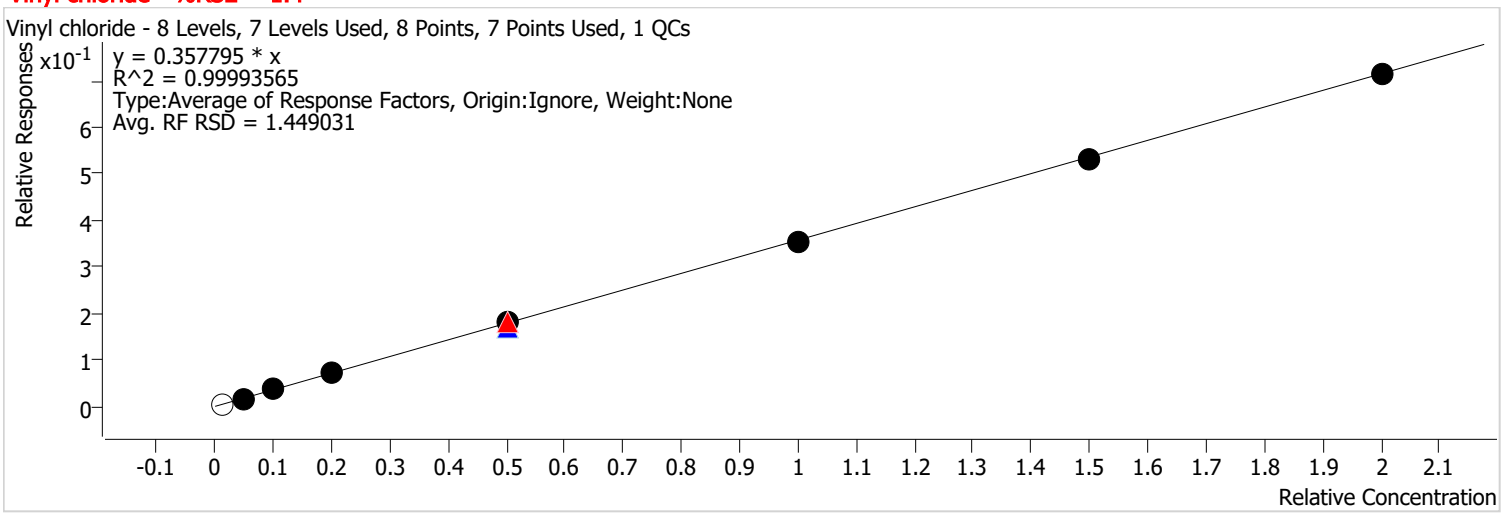
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	33153	25.0000	0.4190	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	61632	50.0000	0.3960	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	138617	125.0000	0.3460	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	160604	125.0000	0.3901	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	160604	125.0000	0.3901	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	319523	250.0000	0.3821	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	471454	375.0000	0.3733	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	642582	500.0000	0.3819	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:42 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Vinyl chloride %RSE = 1.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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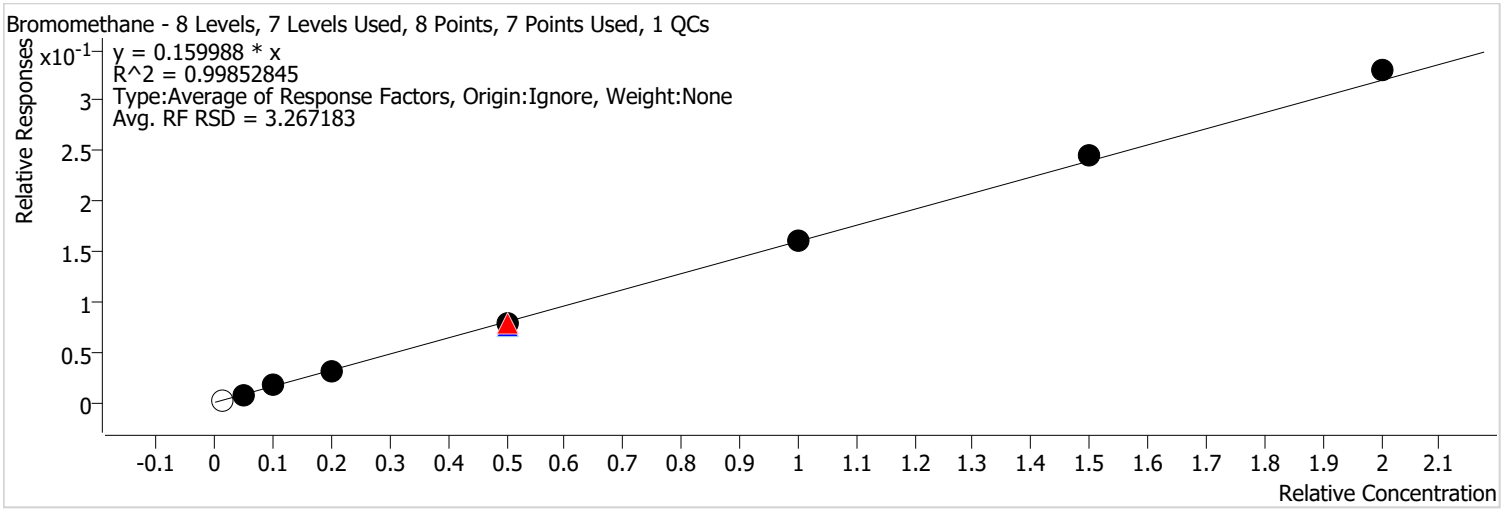
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	29046	25.0000	0.3671	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	54521	50.0000	0.3503	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	137775	125.0000	0.3439	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	148358	125.0000	0.3603	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	148358	125.0000	0.3603	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	297604	250.0000	0.3559	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	448643	375.0000	0.3553	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	600092	500.0000	0.3566	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:42 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromomethane %RSE = 3.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	13054	25.0000	0.1650	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	23699	50.0000	0.1523	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	59947	125.0000	0.1496	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	65163	125.0000	0.1583	
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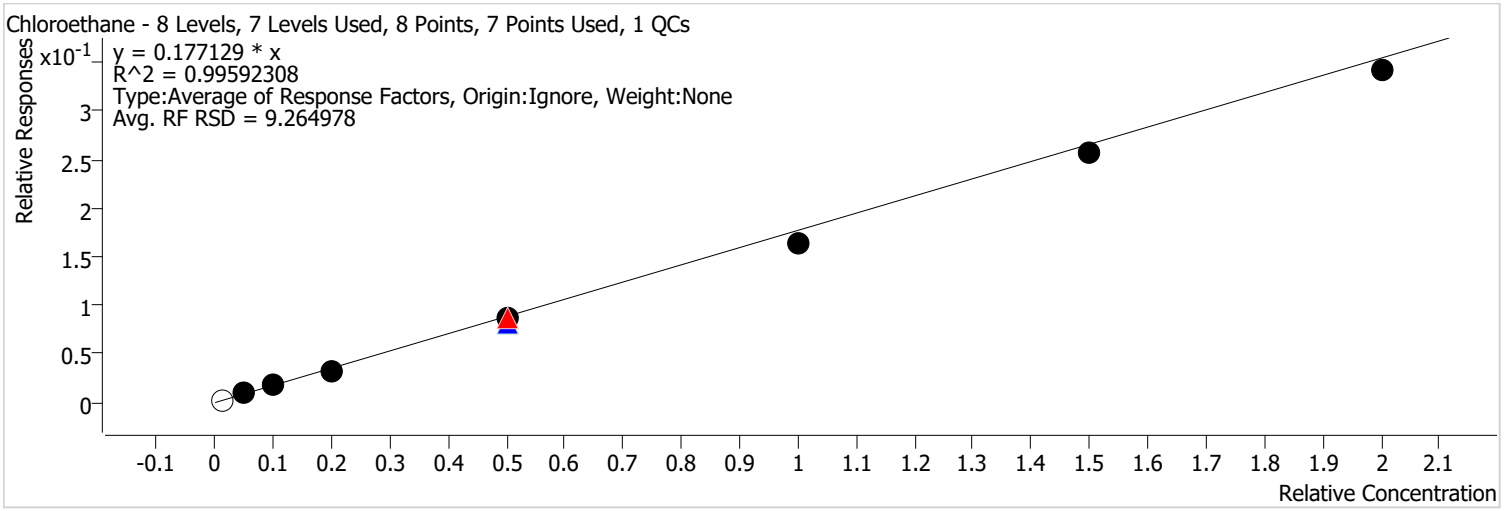
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	134737	250.0000	0.1611	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	207491	375.0000	0.1643	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	277301	500.0000	0.1648	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:42 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloroethane %RSE = 9.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	14646	25.0000	0.1851	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	25484	50.0000	0.1638	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	65619	125.0000	0.1638	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	71420	125.0000	0.1735	
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D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	137312	250.0000	0.1642	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	217393	375.0000	0.1721	
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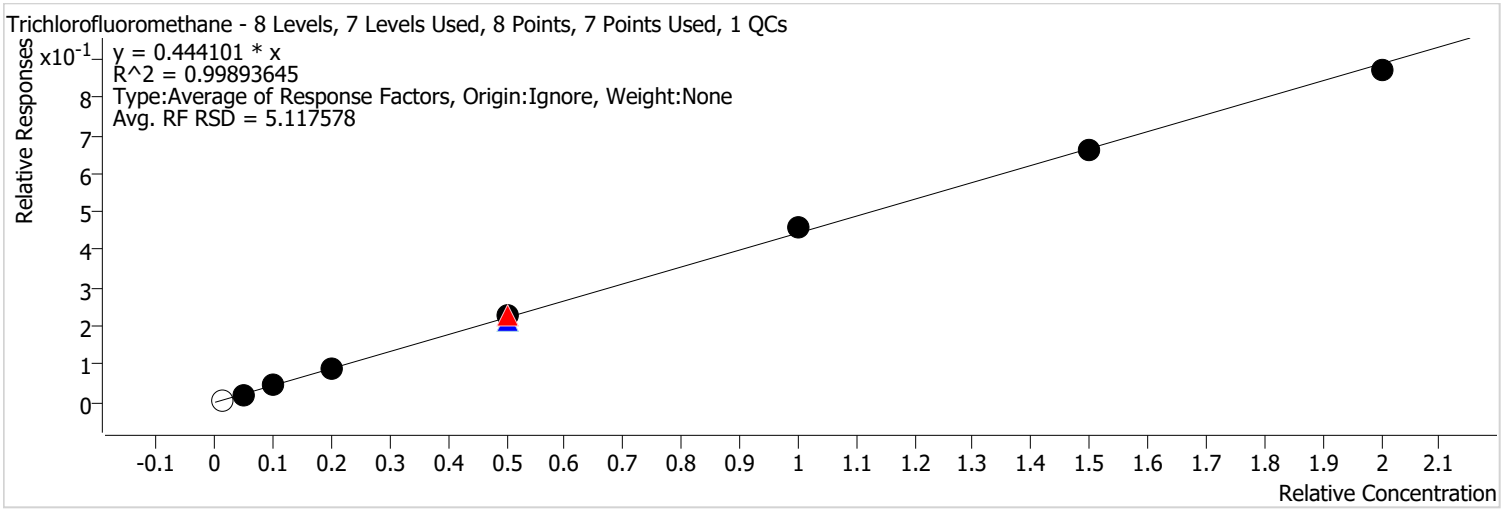
Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Trichlorofluoromethane %RSE = 5.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	68163	50.0000	0.4380	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	173333	125.0000	0.4327	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	188808	125.0000	0.4586	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	188808	125.0000	0.4586	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	384837	250.0000	0.4602	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	555477	375.0000	0.4399	
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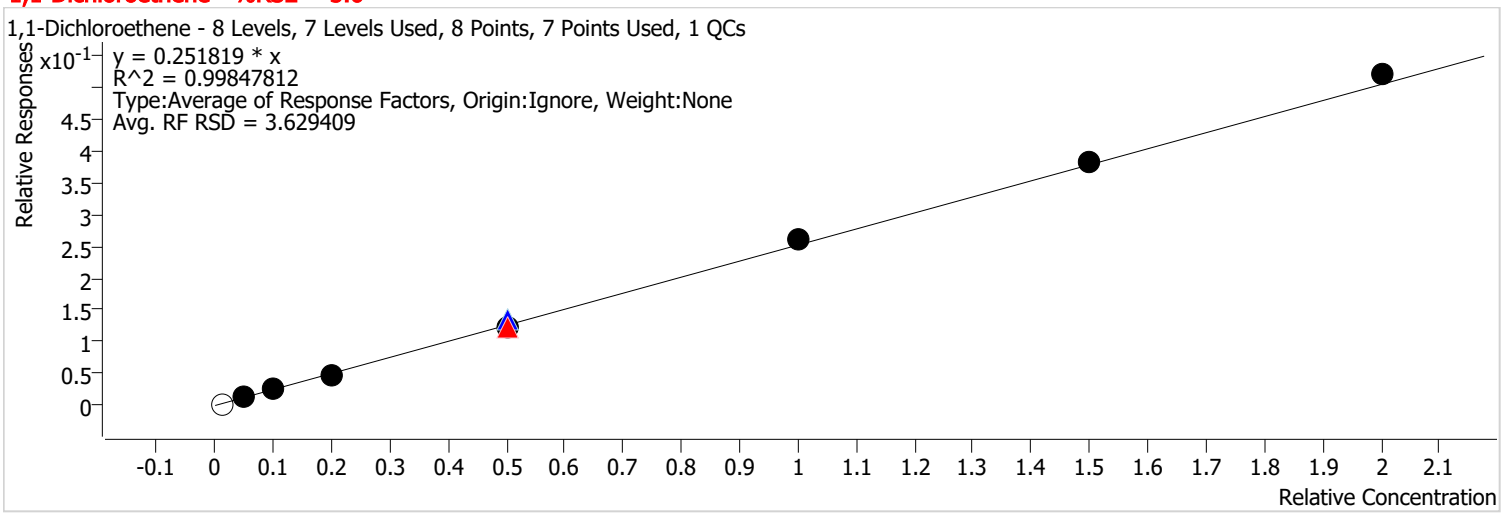
Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1-Dichloroethene %RSE = 3.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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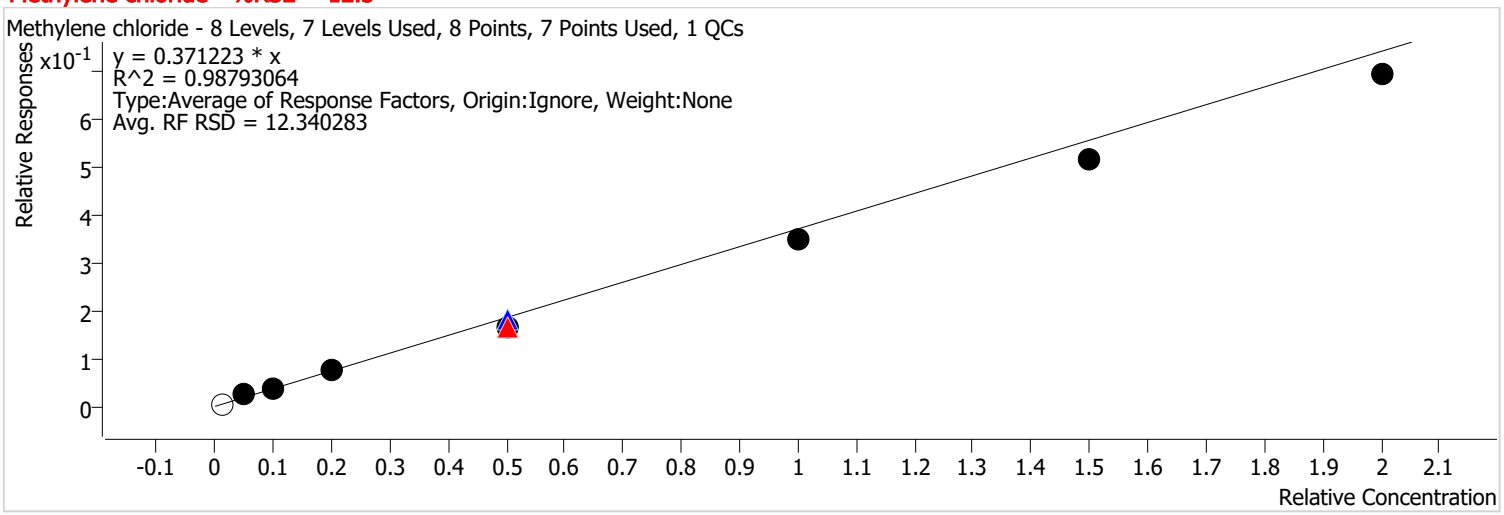
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	38253	50.0000	0.2458	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	108512	125.0000	0.2709	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	99438	125.0000	0.2415	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	99438	125.0000	0.2415	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	217406	250.0000	0.2600	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	322557	375.0000	0.2554	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	436507	500.0000	0.2594	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

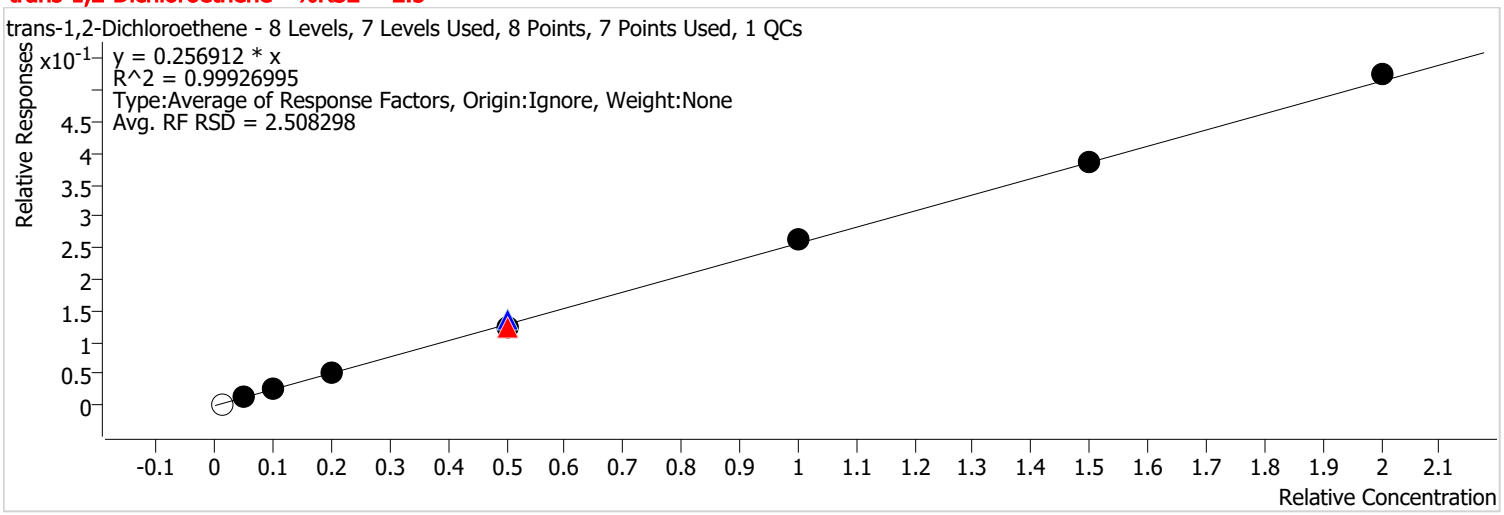
Methylene chloride %RSE = 12.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		4095	2.5000	0.5312	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	17734	12.5000	0.4640	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	30908	25.0000	0.3906	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	58282	50.0000	0.3745	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	144585	125.0000	0.3609	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	135271	125.0000	0.3285	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	135271	125.0000	0.3285	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	292397	250.0000	0.3496	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	435116	375.0000	0.3446	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	583438	500.0000	0.3467	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

trans-1,2-Dichloroethene %RSE = 2.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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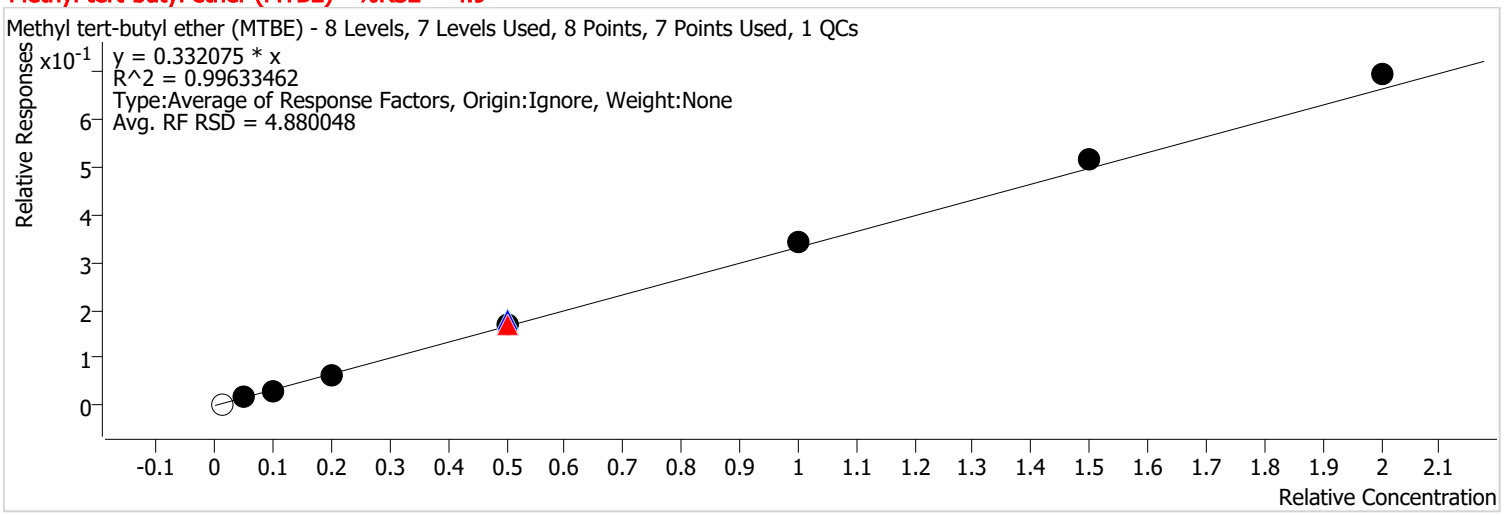
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	9821	12.5000	0.2570	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	20706	25.0000	0.2617	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	39596	50.0000	0.2544	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	110909	125.0000	0.2769	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	100409	125.0000	0.2439	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	100409	125.0000	0.2439	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	218855	250.0000	0.2617	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	325415	375.0000	0.2577	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	440967	500.0000	0.2621	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

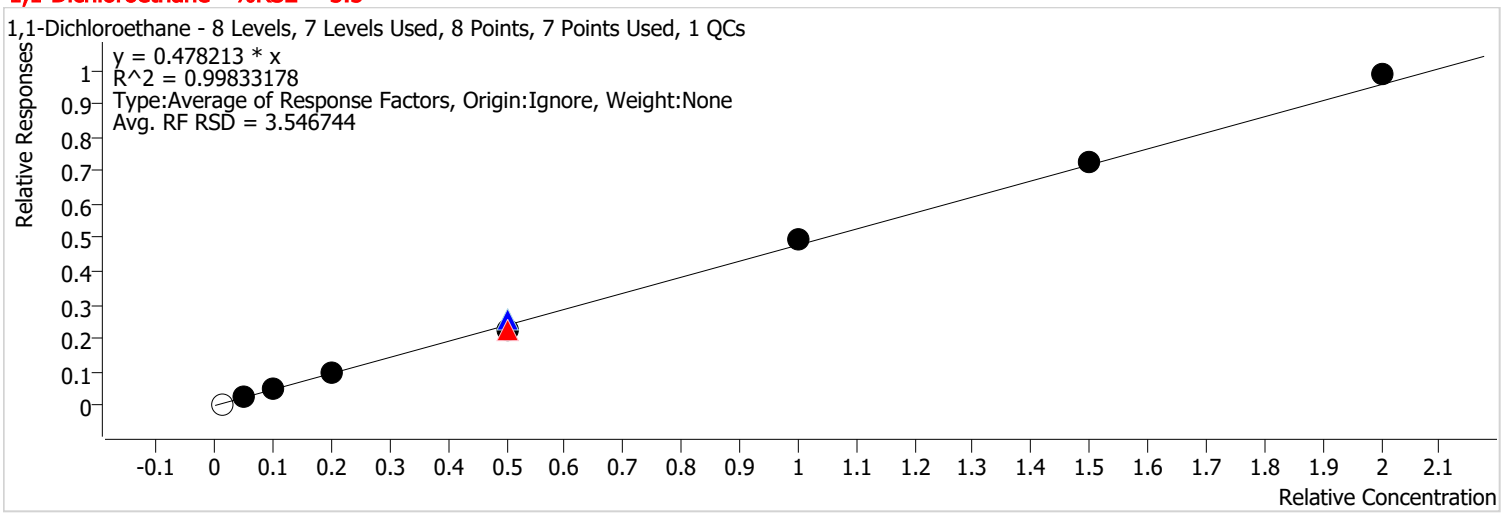
Methyl tert-butyl ether (MTBE) %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		2717	2.5000	0.3524	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	12515	12.5000	0.3274	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	24218	25.0000	0.3061	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	49126	50.0000	0.3157	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	143378	125.0000	0.3579	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	139068	125.0000	0.3378	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	139068	125.0000	0.3378	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	287653	250.0000	0.3440	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	437439	375.0000	0.3464	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	584294	500.0000	0.3472	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1-Dichloroethane %RSE = 3.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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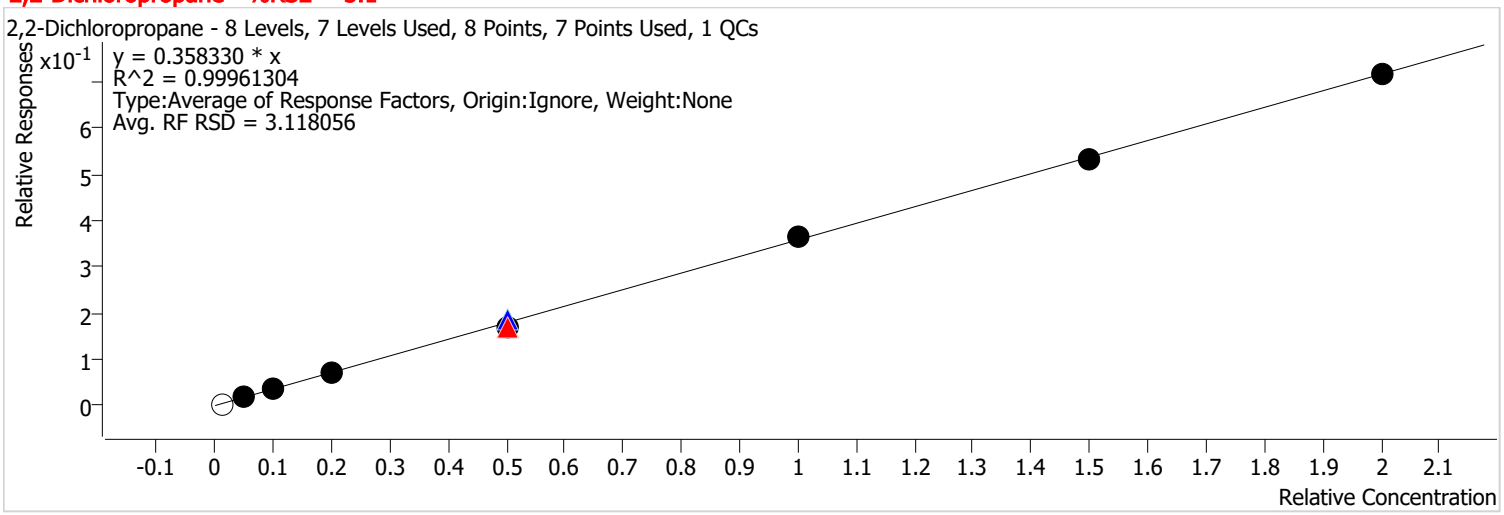
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	17642	12.5000	0.4616	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	38874	25.0000	0.4913	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	73205	50.0000	0.4704	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	208131	125.0000	0.5195	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	186052	125.0000	0.4519	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	186052	125.0000	0.4519	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	413408	250.0000	0.4943	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	612660	375.0000	0.4852	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	829359	500.0000	0.4929	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

2,2-Dichloropropane %RSE = 3.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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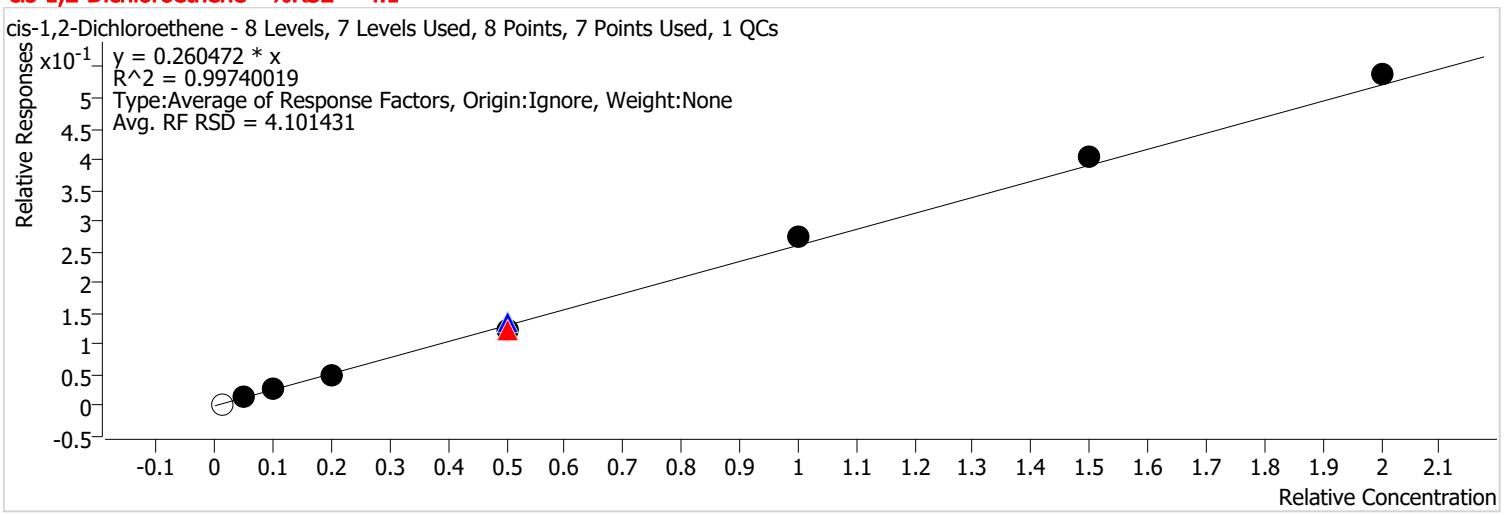
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	13676	12.5000	0.3578	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	29793	25.0000	0.3765	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	56189	50.0000	0.3611	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	150902	125.0000	0.3767	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	139656	125.0000	0.3392	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	139656	125.0000	0.3392	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	303307	250.0000	0.3627	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	446282	375.0000	0.3534	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	601823	500.0000	0.3576	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

cis-1,2-Dichloroethene %RSE = 4.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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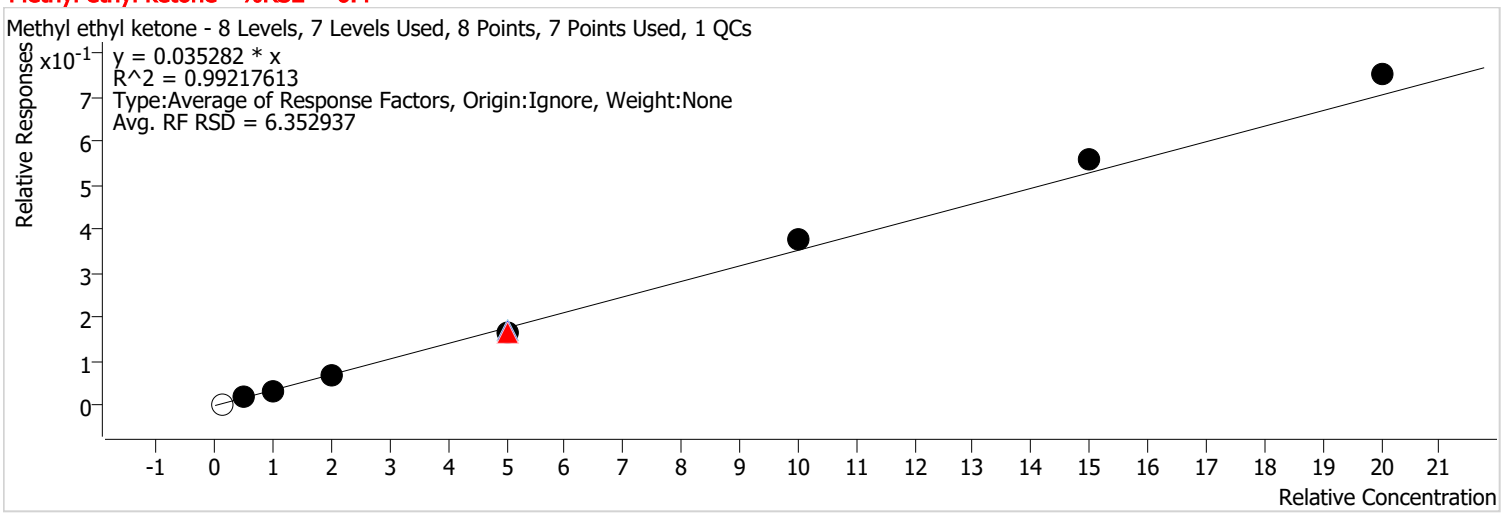
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	10008	12.5000	0.2618	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	20252	25.0000	0.2559	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	39251	50.0000	0.2522	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	108623	125.0000	0.2711	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	100057	125.0000	0.2430	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	100057	125.0000	0.2430	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	228170	250.0000	0.2728	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	339211	375.0000	0.2686	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	452377	500.0000	0.2688	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

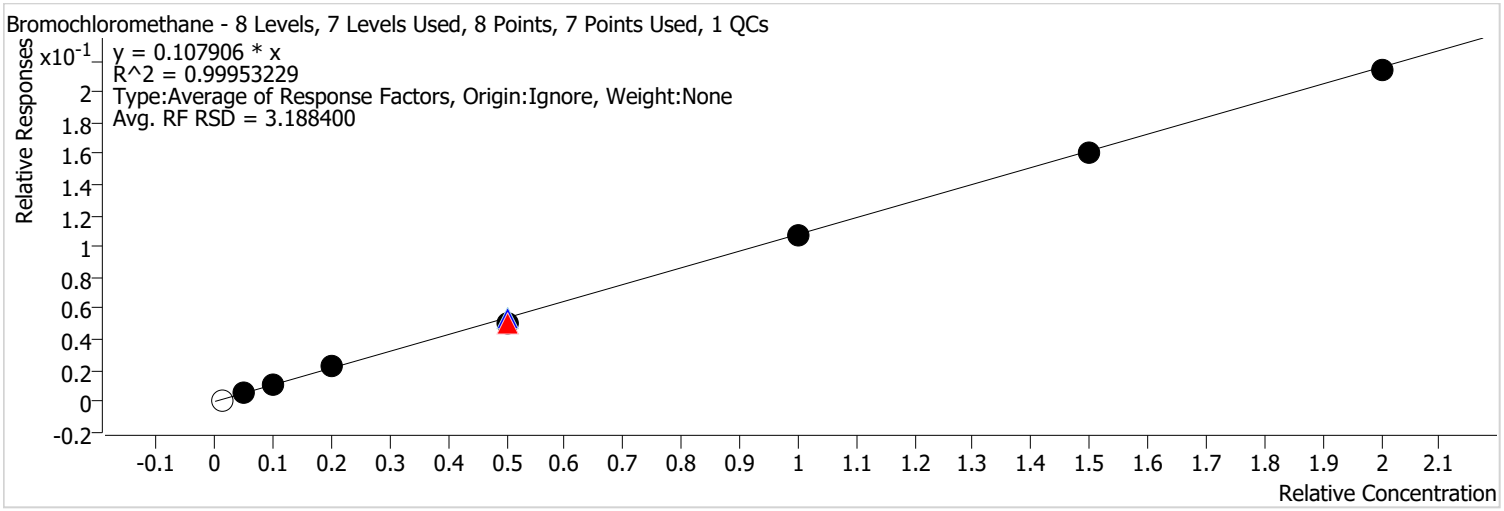
Methyl ethyl ketone %RSE = 6.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		3035	25.0000	0.0394	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	13167	125.0000	0.0344	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	26248	250.0000	0.0332	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	52648	500.0000	0.0338	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	135511	1250.0000	0.0338	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	134730	1250.0000	0.0327	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	134730	1250.0000	0.0327	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	317271	2500.0000	0.0379	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	470653	3750.0000	0.0373	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	632539	5000.0000	0.0376	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromochloromethane %RSE = 3.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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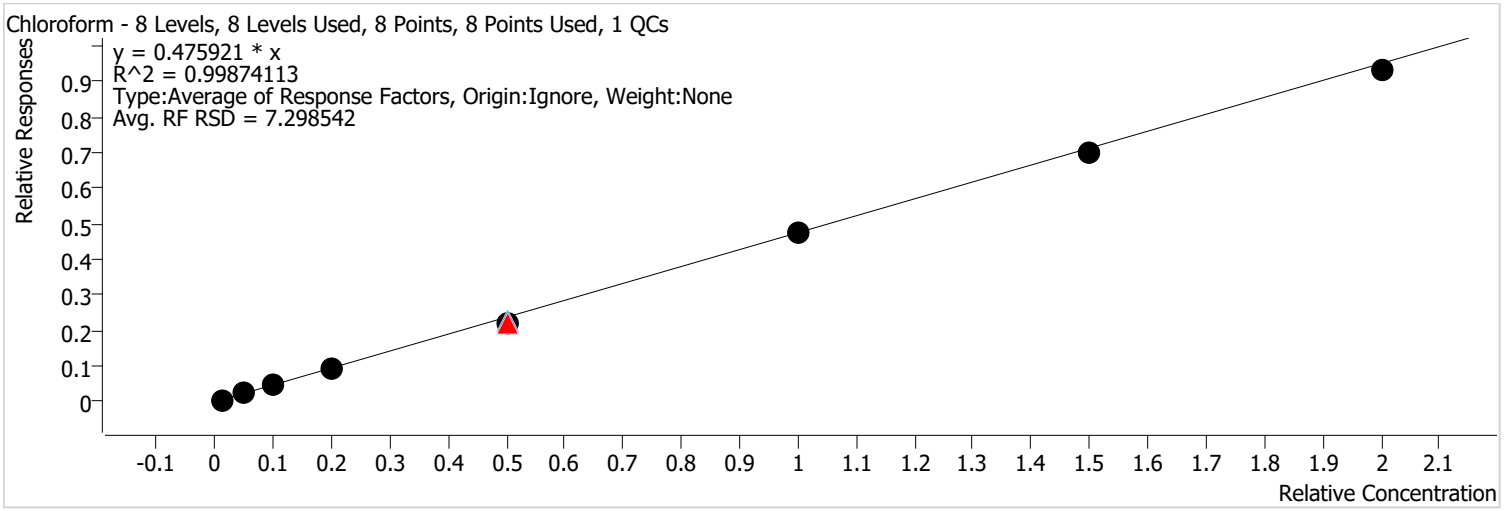
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	4275	12.5000	0.1118	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	8688	25.0000	0.1098	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	17338	50.0000	0.1114	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	42744	125.0000	0.1067	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	41966	125.0000	0.1019	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	41966	125.0000	0.1019	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	89178	250.0000	0.1066	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	135103	375.0000	0.1070	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	179618	500.0000	0.1067	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

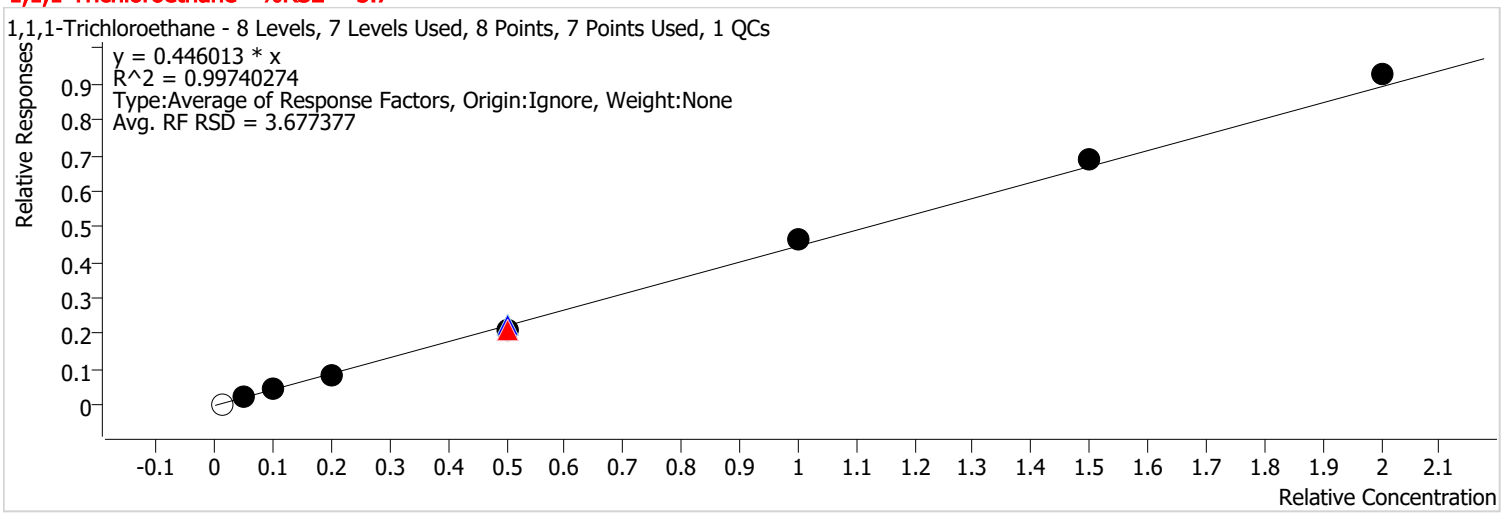
Chloroform %RSE = 7.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1	x	4248	2.5000	0.5510	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	19015	12.5000	0.4975	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	36413	25.0000	0.4602	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	71403	50.0000	0.4588	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	183676	125.0000	0.4585	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	179640	125.0000	0.4363	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	179640	125.0000	0.4363	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	394946	250.0000	0.4723	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	588080	375.0000	0.4657	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	783422	500.0000	0.4656	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1,1-Trichloroethane %RSE = 3.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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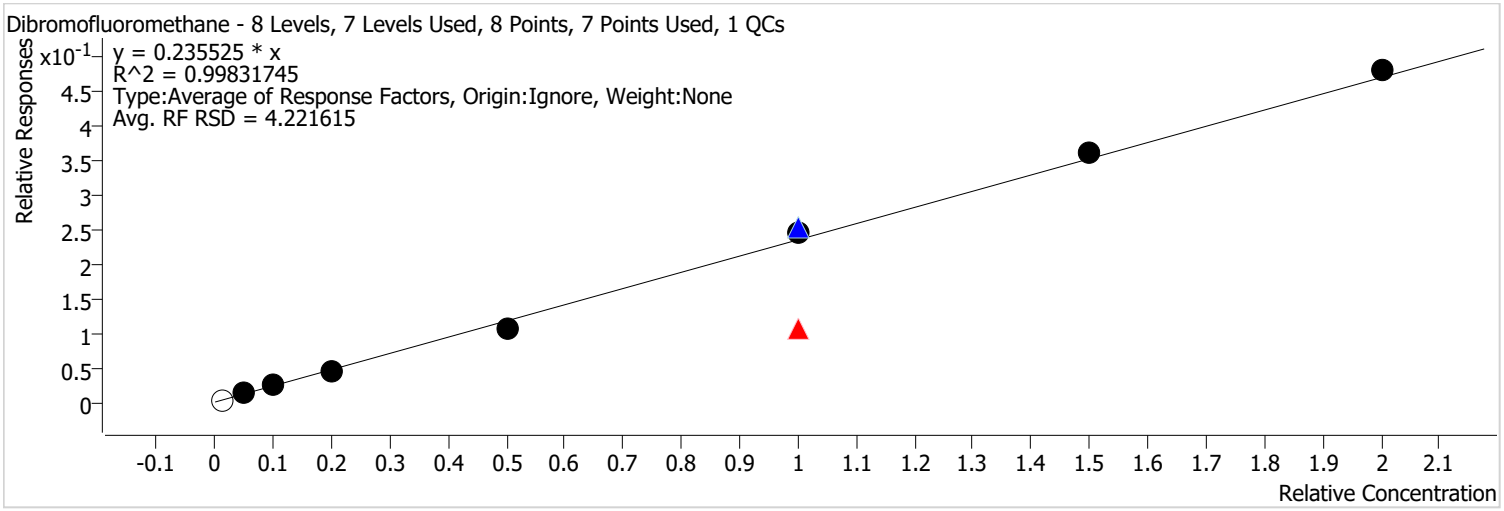
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	35547	25.0000	0.4492	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	67007	50.0000	0.4306	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	183324	125.0000	0.4576	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	174206	125.0000	0.4231	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	174206	125.0000	0.4231	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	386005	250.0000	0.4616	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	580748	375.0000	0.4599	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	778785	500.0000	0.4628	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

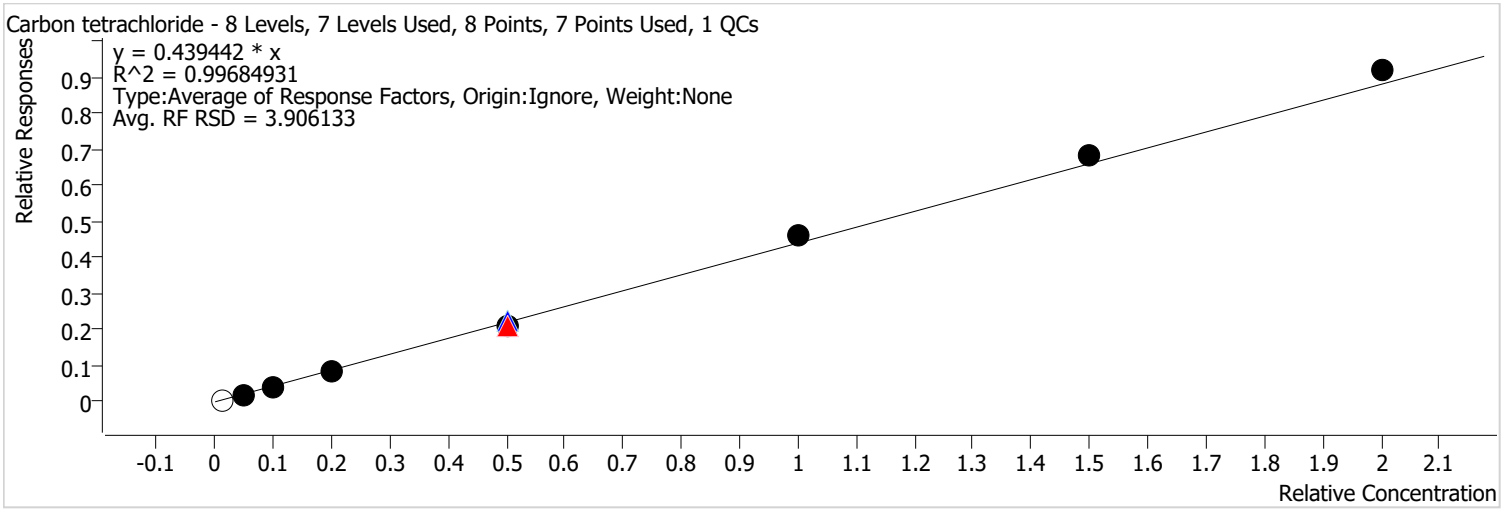
Dibromofluoromethane %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		2508	2.5000	0.3253	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	9074	12.5000	0.2374	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	19100	25.0000	0.2414	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	35309	50.0000	0.2269	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	89307	125.0000	0.2169	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	204707	250.0000	0.2555	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	204073	250.0000	0.2440	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	89307	250.0000	0.1084	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	305158	375.0000	0.2416	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	404568	500.0000	0.2404	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Carbon tetrachloride %RSE = 3.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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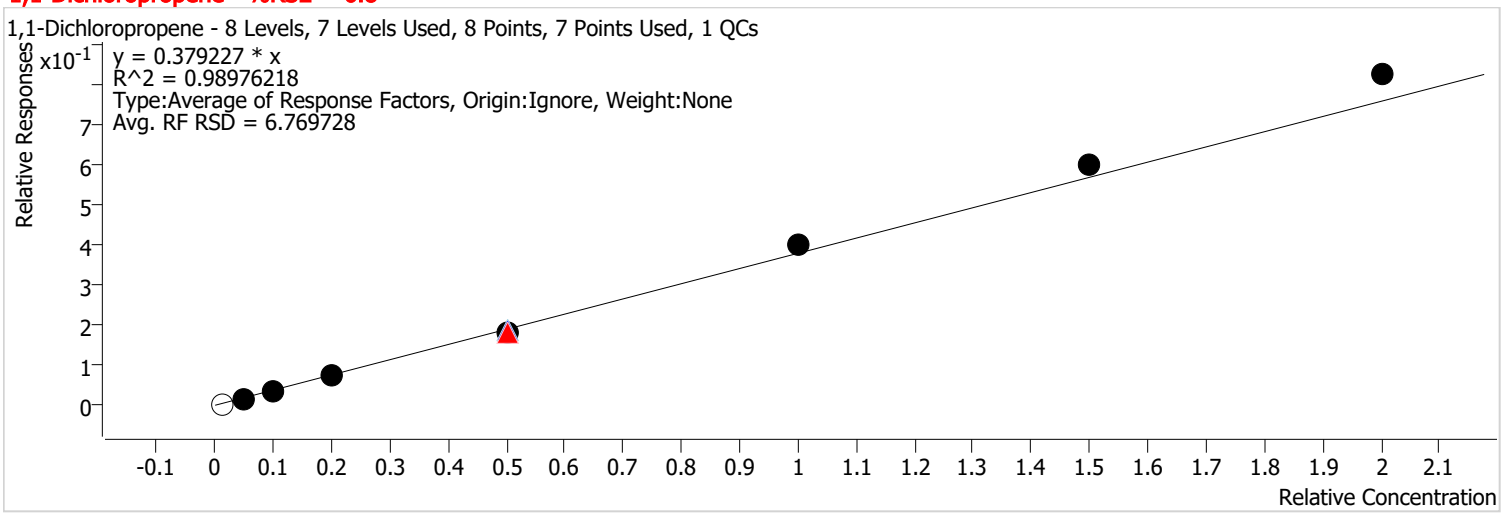
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	16466	12.5000	0.4308	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	34462	25.0000	0.4355	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	65313	50.0000	0.4197	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	181384	125.0000	0.4528	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	172928	125.0000	0.4200	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	172928	125.0000	0.4200	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	383485	250.0000	0.4586	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	572545	375.0000	0.4534	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	770907	500.0000	0.4581	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1-Dichloropropene %RSE = 6.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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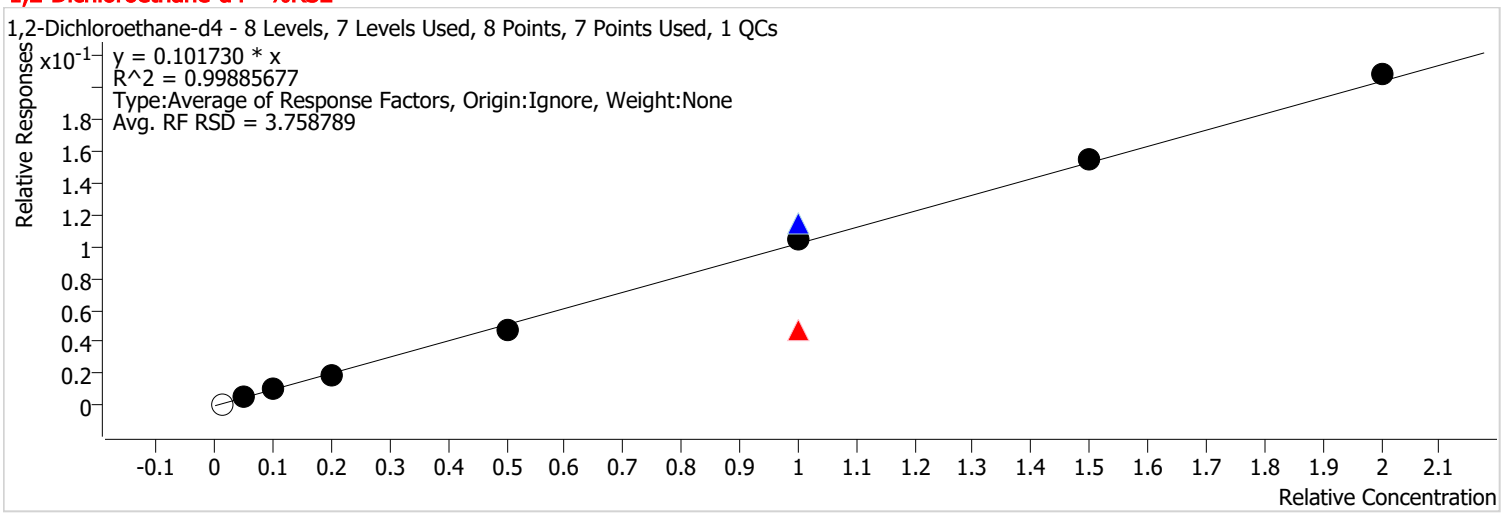
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	13149	12.5000	0.3440	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	29241	25.0000	0.3695	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	56376	50.0000	0.3623	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	150930	125.0000	0.3768	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	149649	125.0000	0.3635	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	149649	125.0000	0.3635	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	335741	250.0000	0.4015	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	507157	375.0000	0.4016	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	693669	500.0000	0.4122	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloroethane-d4 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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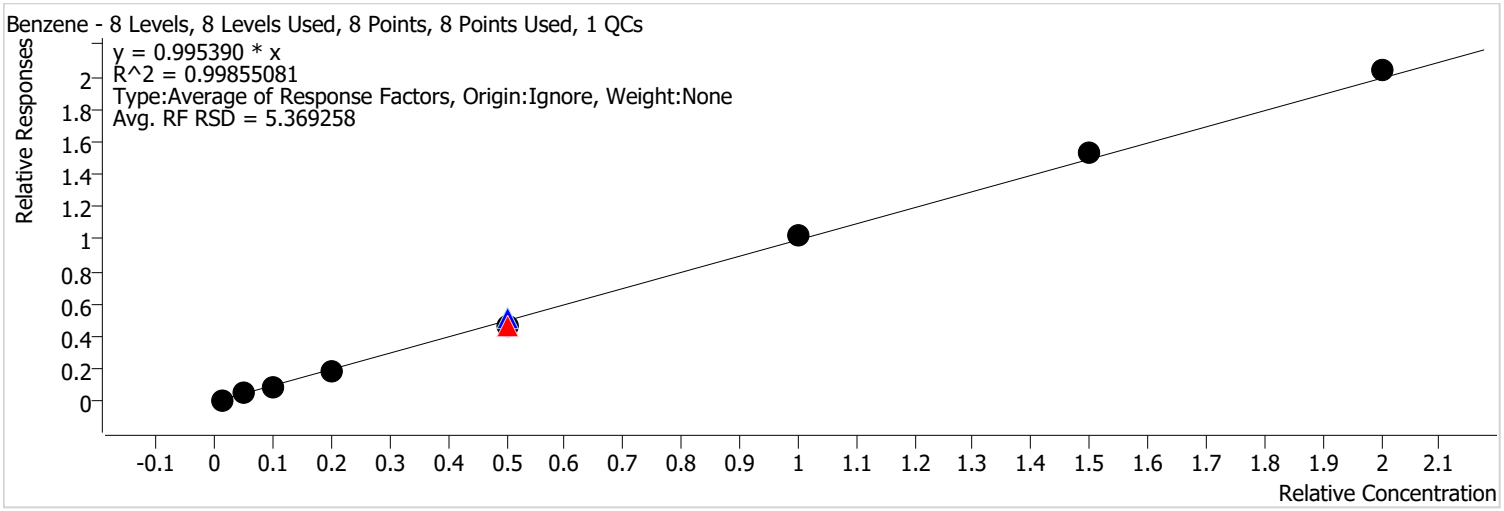
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	3938	12.5000	0.1030	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	8284	25.0000	0.1047	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	15238	50.0000	0.0979	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	39086	125.0000	0.0949	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	91382	250.0000	0.1141	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	87876	250.0000	0.1051	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	39086	250.0000	0.0475	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	129608	375.0000	0.1026	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	174713	500.0000	0.1038	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Benzene %RSE = 5.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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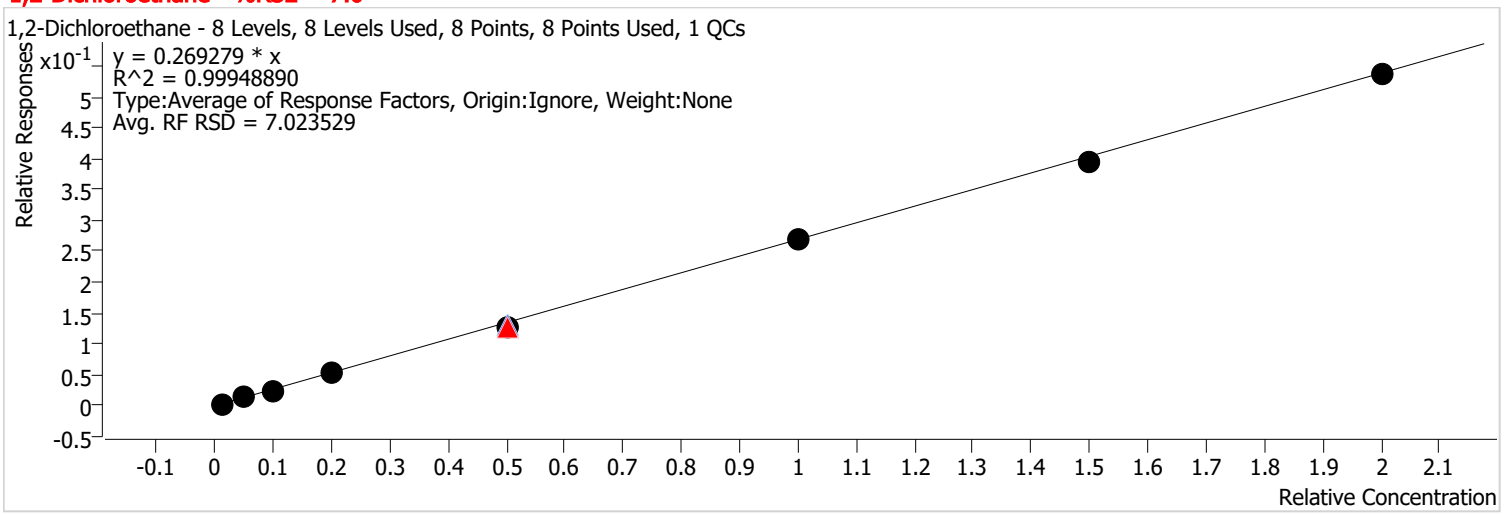
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	37071	12.5000	0.9699	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	74956	25.0000	0.9473	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	148727	50.0000	0.9557	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	418900	125.0000	1.0457	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	383469	125.0000	0.9313	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	383469	125.0000	0.9313	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	857534	250.0000	1.0254	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	1293370	375.0000	1.0242	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	1714050	500.0000	1.0186	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloroethane %RSE = 7.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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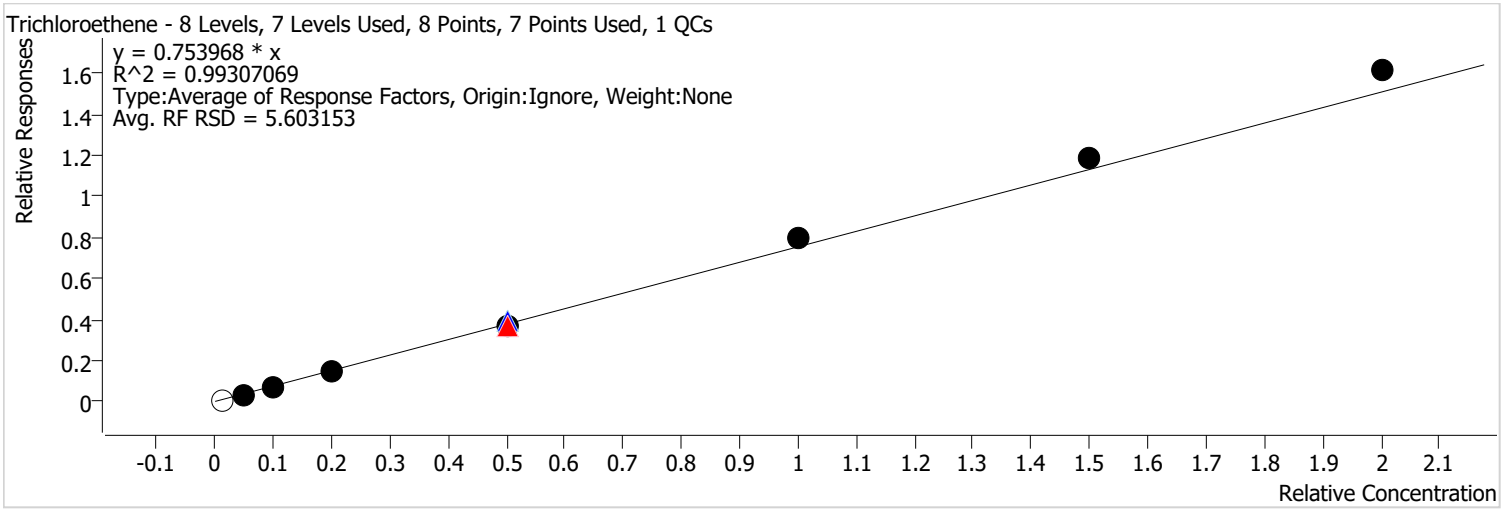
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	10202	12.5000	0.2669	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	19996	25.0000	0.2527	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	41058	50.0000	0.2638	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	104249	125.0000	0.2602	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	104855	125.0000	0.2547	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	104855	125.0000	0.2547	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	226964	250.0000	0.2714	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	332775	375.0000	0.2635	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	450739	500.0000	0.2679	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Trichloroethene %RSE = 5.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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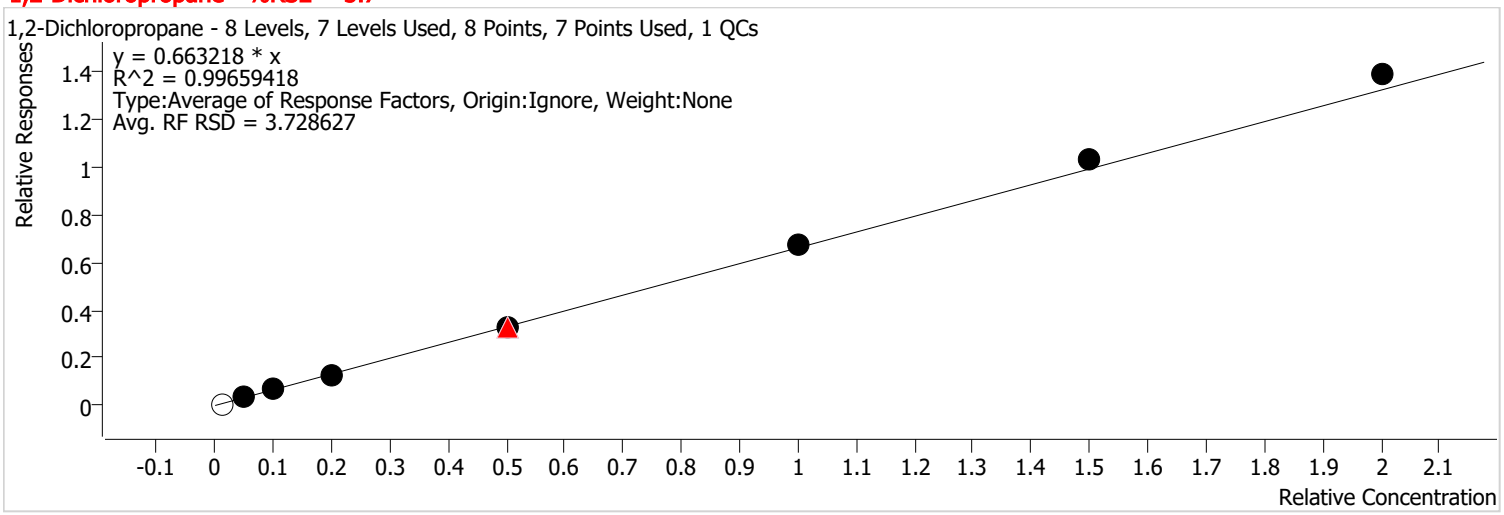
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	10442	12.5000	0.7042	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	21946	25.0000	0.7283	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	42682	50.0000	0.7105	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	121734	125.0000	0.7908	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	114123	125.0000	0.7447	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	114123	125.0000	0.7447	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	250285	250.0000	0.7910	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	374370	375.0000	0.7932	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	505400	500.0000	0.8058	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloropropane %RSE = 3.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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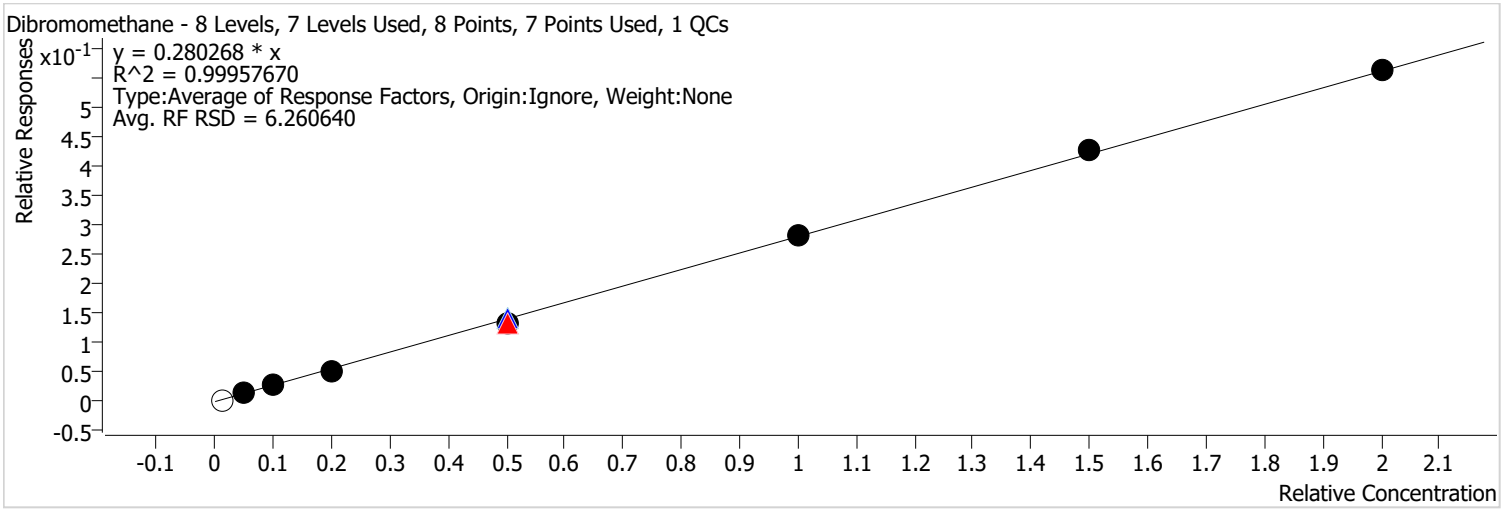
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	9488	12.5000	0.6399	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	20077	25.0000	0.6663	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	37870	50.0000	0.6304	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	102633	125.0000	0.6667	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	99187	125.0000	0.6472	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	99187	125.0000	0.6472	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	213800	250.0000	0.6757	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	324602	375.0000	0.6877	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	436057	500.0000	0.6953	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dibromomethane %RSE = 6.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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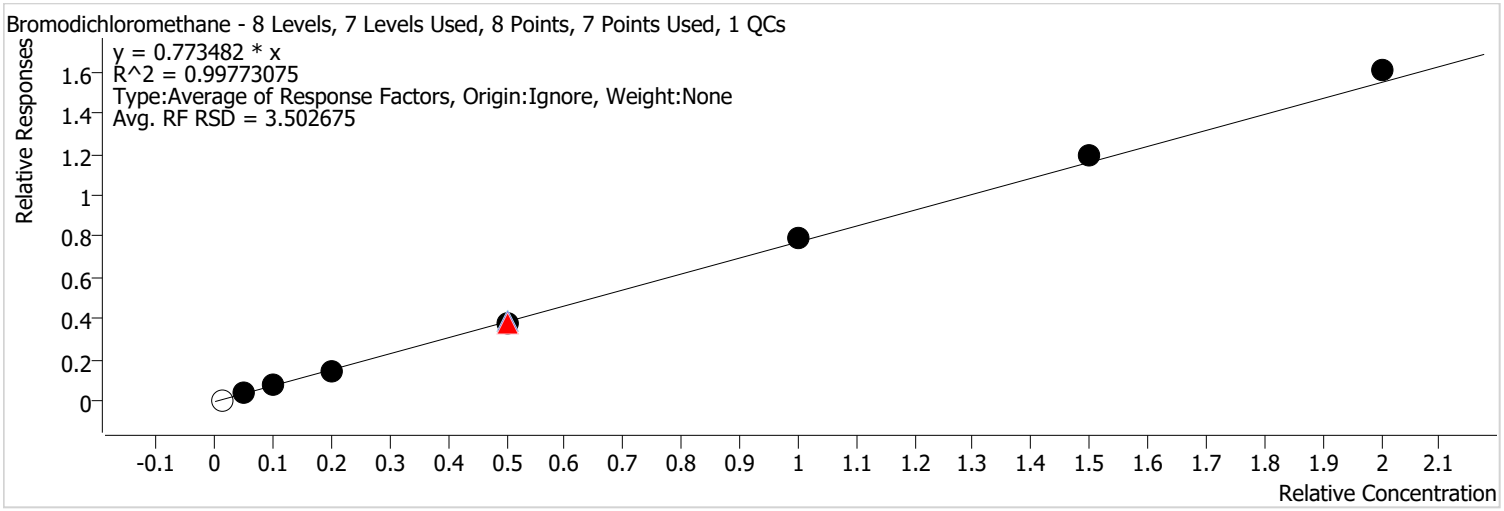
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	4675	12.5000	0.3153	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	8055	25.0000	0.2673	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	15989	50.0000	0.2662	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	43248	125.0000	0.2810	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	40628	125.0000	0.2651	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	40628	125.0000	0.2651	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	89483	250.0000	0.2828	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	134282	375.0000	0.2845	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	176038	500.0000	0.2807	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromodichloromethane %RSE = 3.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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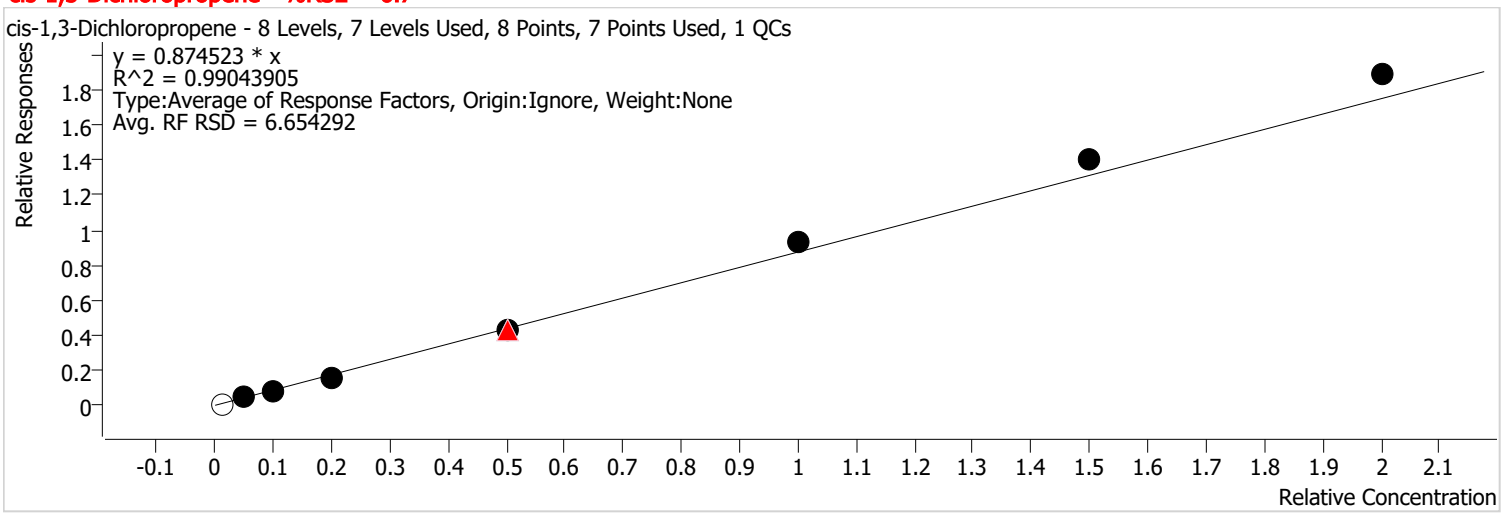
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	22743	25.0000	0.7547	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	43900	50.0000	0.7308	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	122757	125.0000	0.7975	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	115664	125.0000	0.7548	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	115664	125.0000	0.7548	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	251805	250.0000	0.7958	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	375983	375.0000	0.7966	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	502929	500.0000	0.8019	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

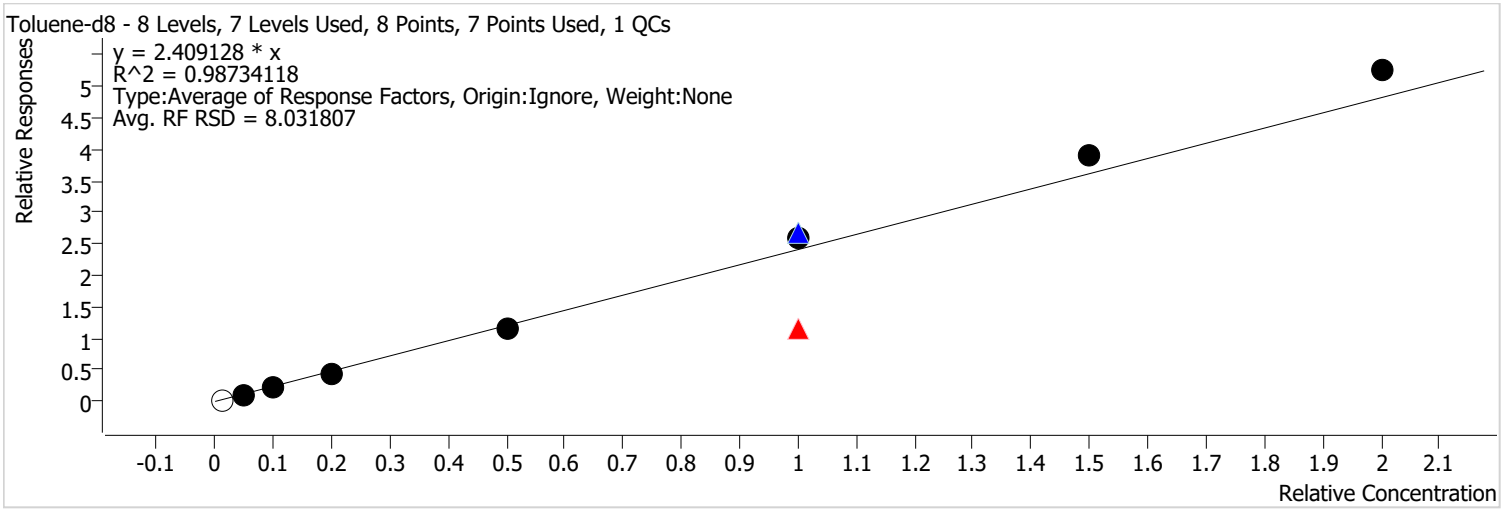
cis-1,3-Dichloropropene %RSE = 6.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		2583	2.5000	0.8724	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	12525	12.5000	0.8447	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	24511	25.0000	0.8134	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	48886	50.0000	0.8138	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	130910	125.0000	0.8504	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	129419	125.0000	0.8445	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	129419	125.0000	0.8445	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	293617	250.0000	0.9280	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	441168	375.0000	0.9347	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	591147	500.0000	0.9426	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Toluene-d8 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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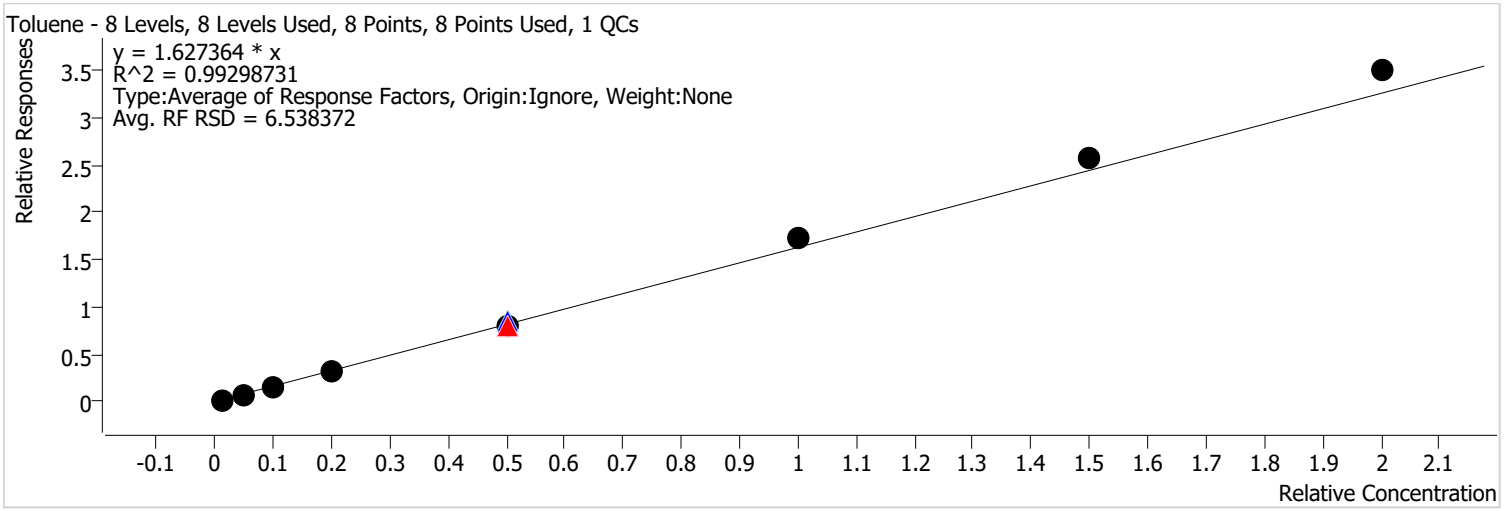
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	32318	12.5000	2.1796	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	67673	25.0000	2.2458	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	136453	50.0000	2.2715	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	358186	125.0000	2.3373	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	821531	250.0000	2.6685	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	823306	250.0000	2.6021	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	358186	250.0000	1.1687	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	1229775	375.0000	2.6054	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	1644540	500.0000	2.6222	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Toluene %RSE = 6.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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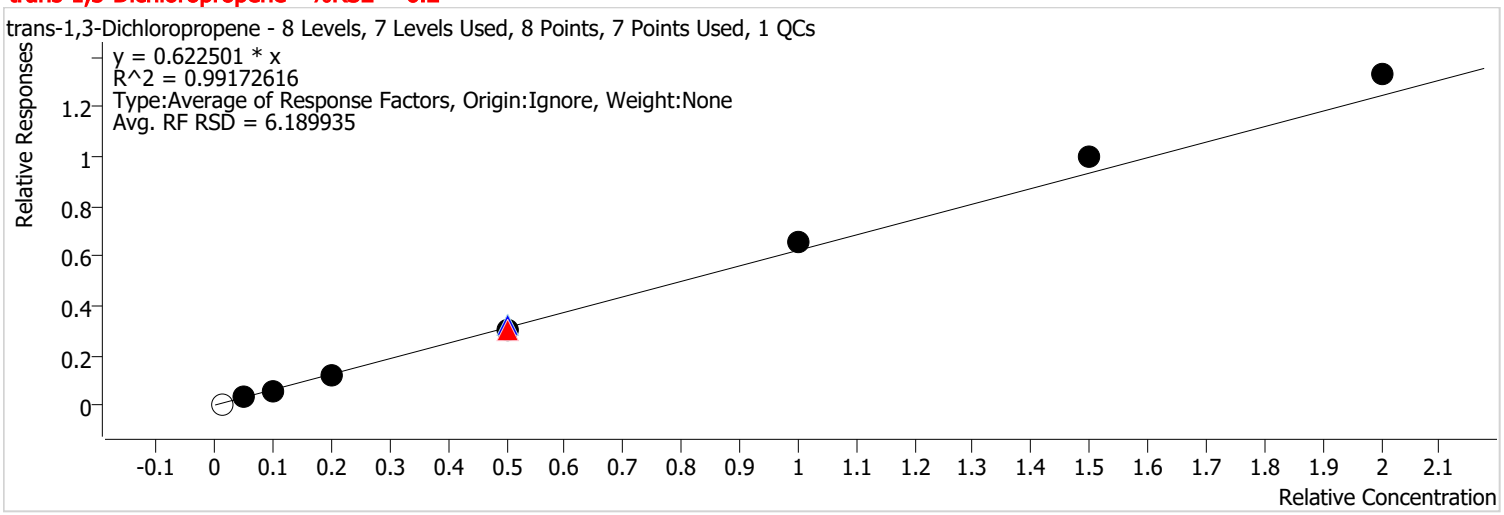
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	21794	12.5000	1.4698	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	46355	25.0000	1.5383	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	91915	50.0000	1.5301	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	264584	125.0000	1.7188	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	244712	125.0000	1.5969	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	244712	125.0000	1.5969	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	541945	250.0000	1.7129	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	813204	375.0000	1.7229	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	1095161	500.0000	1.7462	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

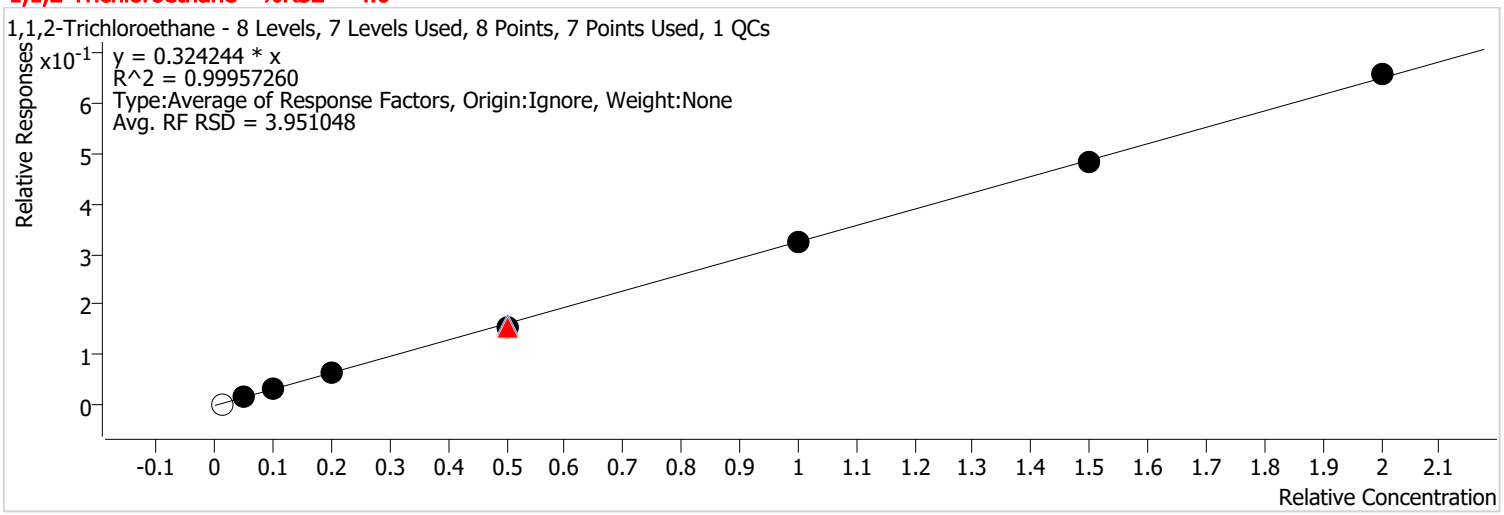
trans-1,3-Dichloropropene %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		1470	2.5000	0.4966	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	8683	12.5000	0.5856	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	17850	25.0000	0.5924	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	35179	50.0000	0.5856	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	98907	125.0000	0.6425	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	92719	125.0000	0.6050	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	92719	125.0000	0.6050	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	207833	250.0000	0.6569	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	315063	375.0000	0.6675	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	416771	500.0000	0.6645	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1,2-Trichloroethane %RSE = 4.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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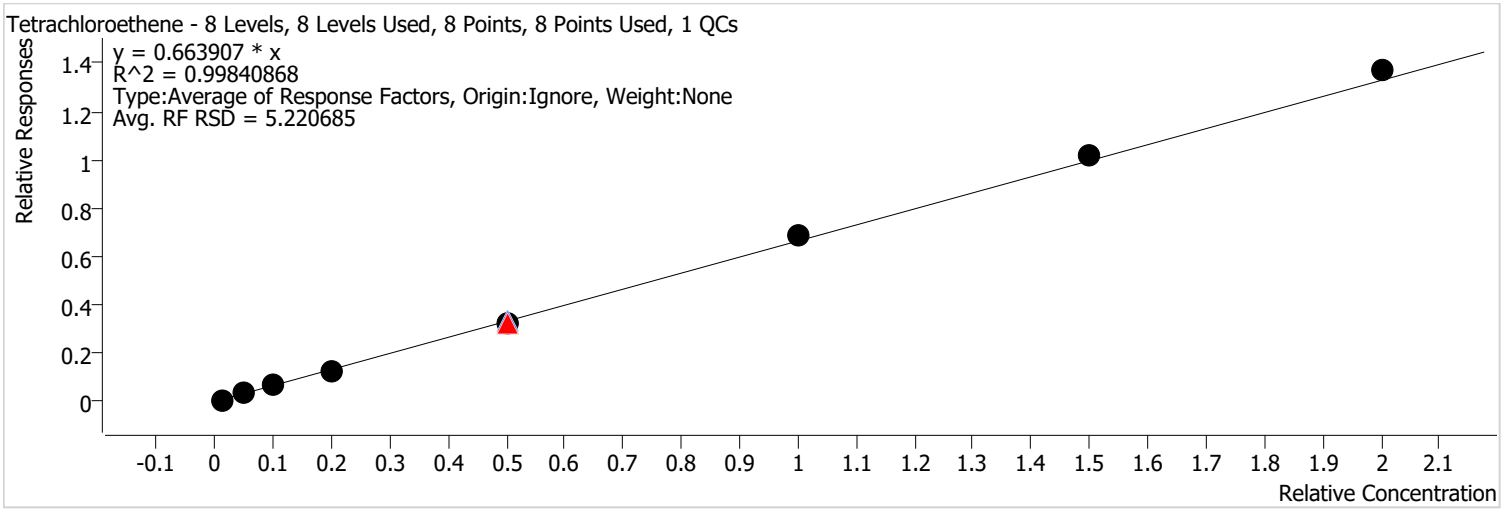
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	5090	12.5000	0.3433	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	10099	25.0000	0.3351	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	18884	50.0000	0.3144	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	49128	125.0000	0.3191	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	46673	125.0000	0.3046	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	46673	125.0000	0.3046	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	101888	250.0000	0.3220	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	152331	375.0000	0.3227	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	205463	500.0000	0.3276	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Tetrachloroethene %RSE = 5.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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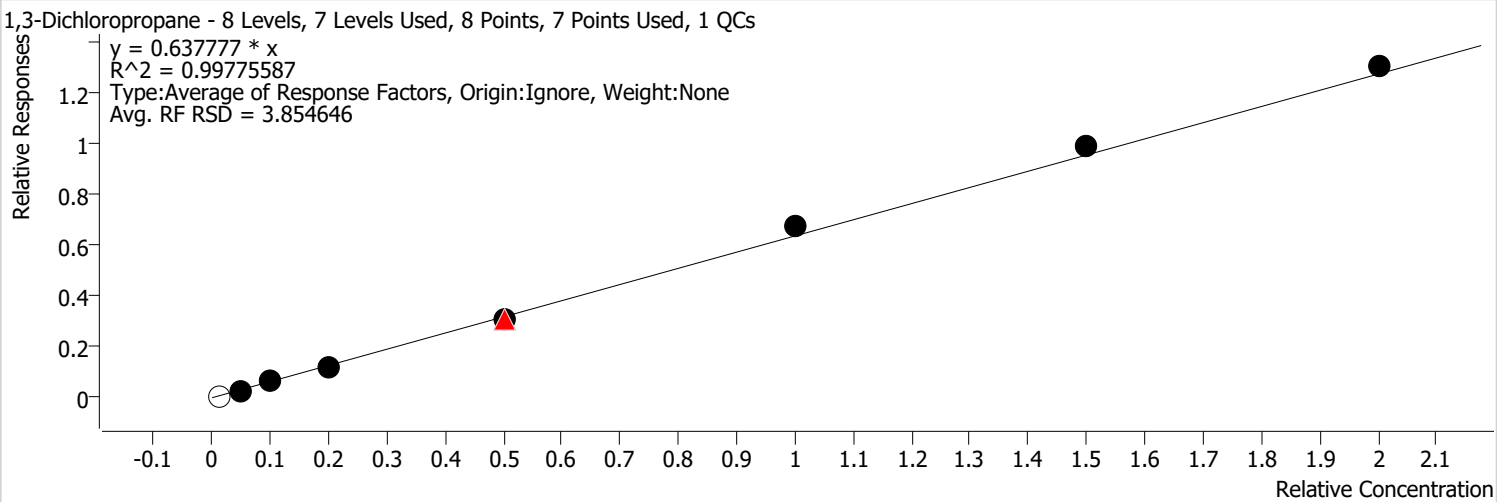
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	9238	12.5000	0.6230	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	20322	25.0000	0.6744	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	36925	50.0000	0.6147	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	103027	125.0000	0.6693	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	97590	125.0000	0.6368	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	97590	125.0000	0.6368	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	218245	250.0000	0.6898	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	319950	375.0000	0.6779	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	428812	500.0000	0.6837	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

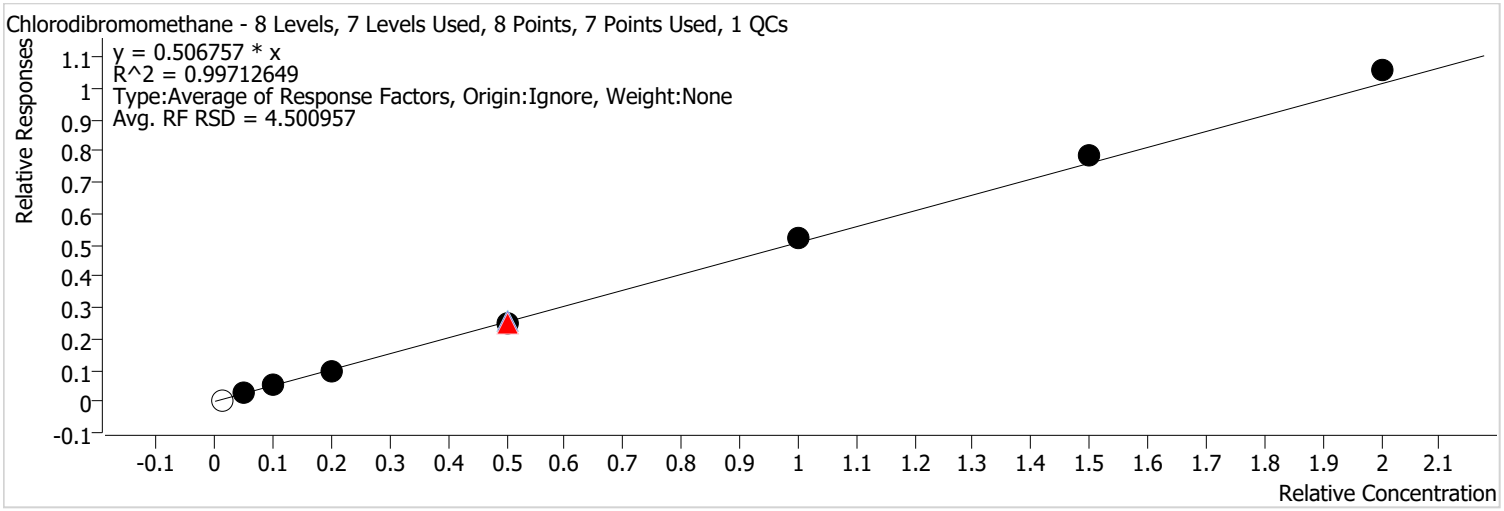
1,3-Dichloropropane %RSE = 3.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		2257	2.5000	0.7623	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	8967	12.5000	0.6047	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	18745	25.0000	0.6221	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	37457	50.0000	0.6235	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	95697	125.0000	0.6217	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	96183	125.0000	0.6276	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	96183	125.0000	0.6276	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	212669	250.0000	0.6722	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	312547	375.0000	0.6622	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	408993	500.0000	0.6521	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chlorodibromomethane %RSE = 4.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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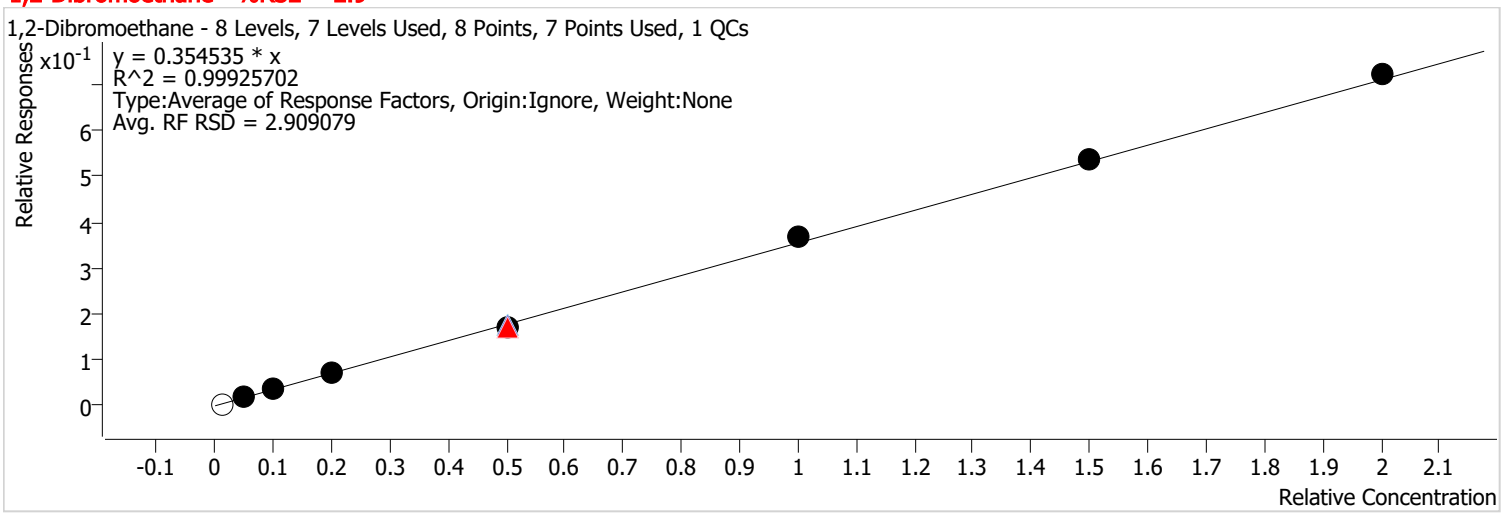
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	7718	12.5000	0.5205	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	14873	25.0000	0.4936	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	28153	50.0000	0.4687	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	78076	125.0000	0.5072	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	75015	125.0000	0.4895	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	75015	125.0000	0.4895	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	165695	250.0000	0.5237	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	247279	375.0000	0.5239	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	330813	500.0000	0.5275	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dibromoethane %RSE = 2.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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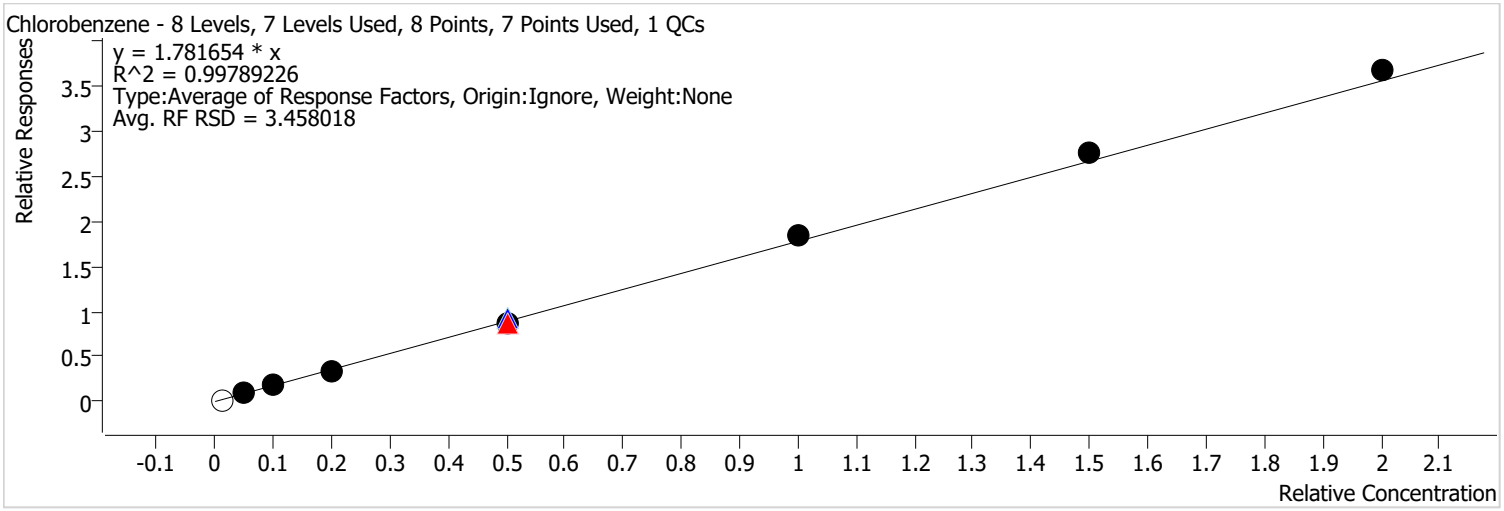
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	5410	12.5000	0.3649	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	10410	25.0000	0.3455	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	21037	50.0000	0.3502	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	54259	125.0000	0.3525	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	51827	125.0000	0.3382	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	51827	125.0000	0.3382	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	115714	250.0000	0.3657	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	168577	375.0000	0.3572	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	225877	500.0000	0.3602	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chlorobenzene %RSE = 3.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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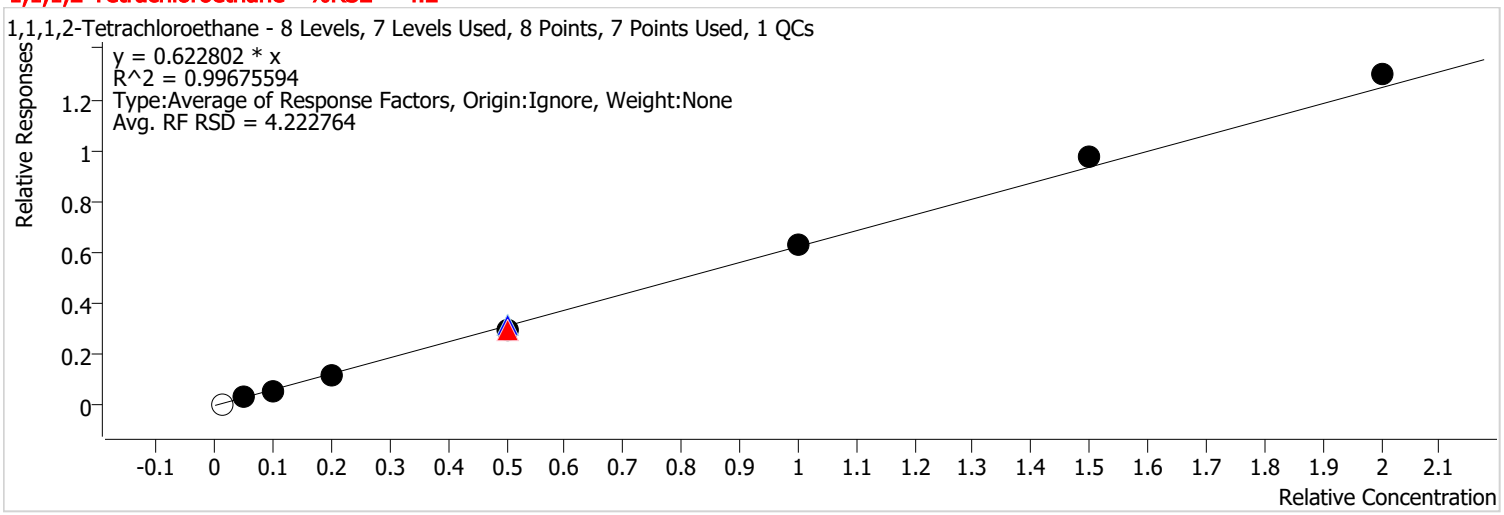
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	26461	12.5000	1.7846	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	53047	25.0000	1.7604	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	101452	50.0000	1.6889	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	288815	125.0000	1.8762	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	263617	125.0000	1.7202	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	263617	125.0000	1.7202	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	582326	250.0000	1.8405	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	867732	375.0000	1.8384	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	1153147	500.0000	1.8387	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1,1,2-Tetrachloroethane %RSE = 4.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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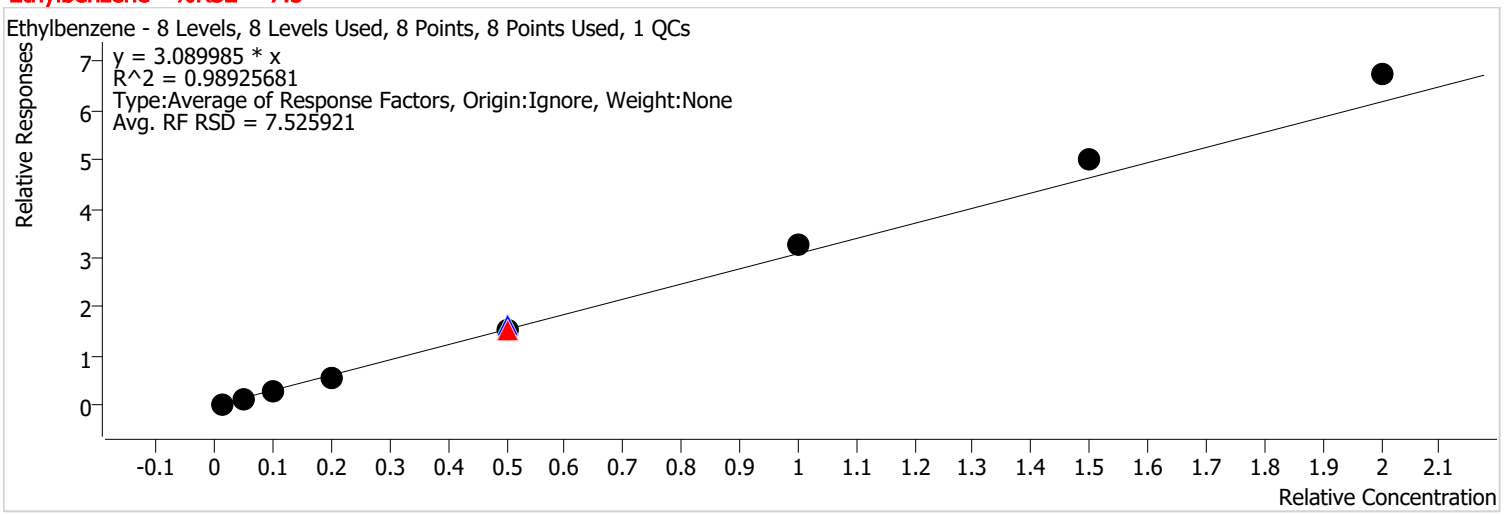
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	9473	12.5000	0.6389	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	18130	25.0000	0.6016	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	35544	50.0000	0.5917	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	97148	125.0000	0.6311	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	90898	125.0000	0.5932	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	90898	125.0000	0.5932	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	200859	250.0000	0.6348	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	307436	375.0000	0.6513	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	406450	500.0000	0.6481	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Ethylbenzene %RSE = 7.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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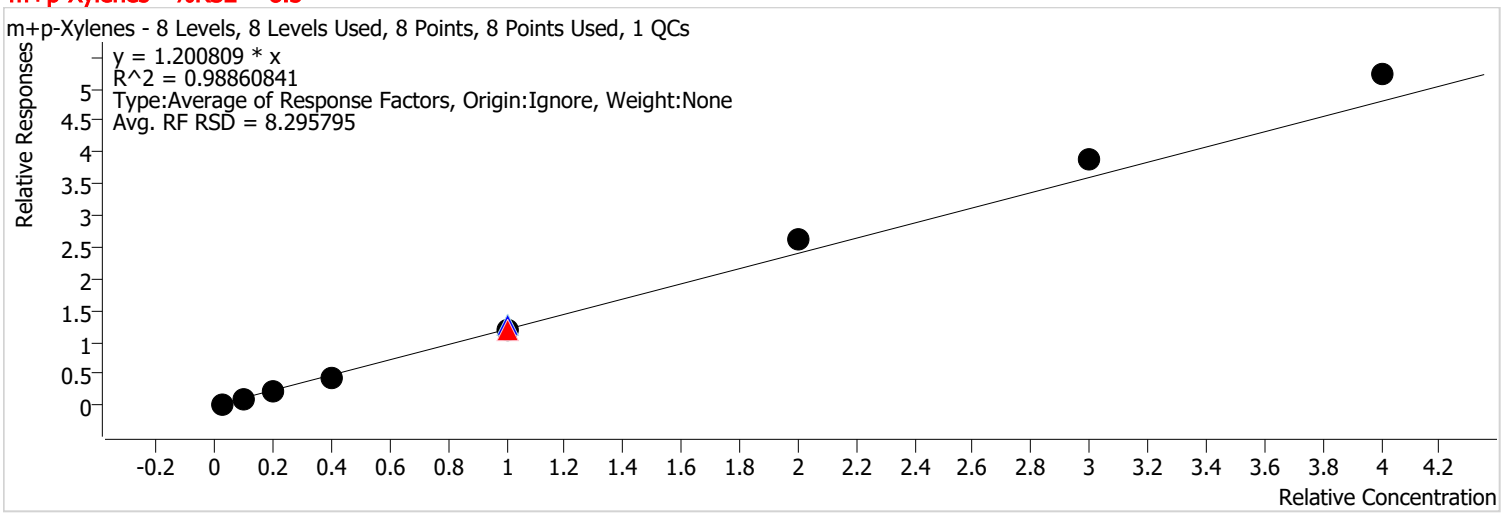
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	40470	12.5000	2.7294	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	88428	25.0000	2.9345	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	173769	50.0000	2.8927	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	501953	125.0000	3.2608	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	464148	125.0000	3.0288	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	464148	125.0000	3.0288	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	1043443	250.0000	3.2979	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	1574219	375.0000	3.3352	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	2111152	500.0000	3.3662	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

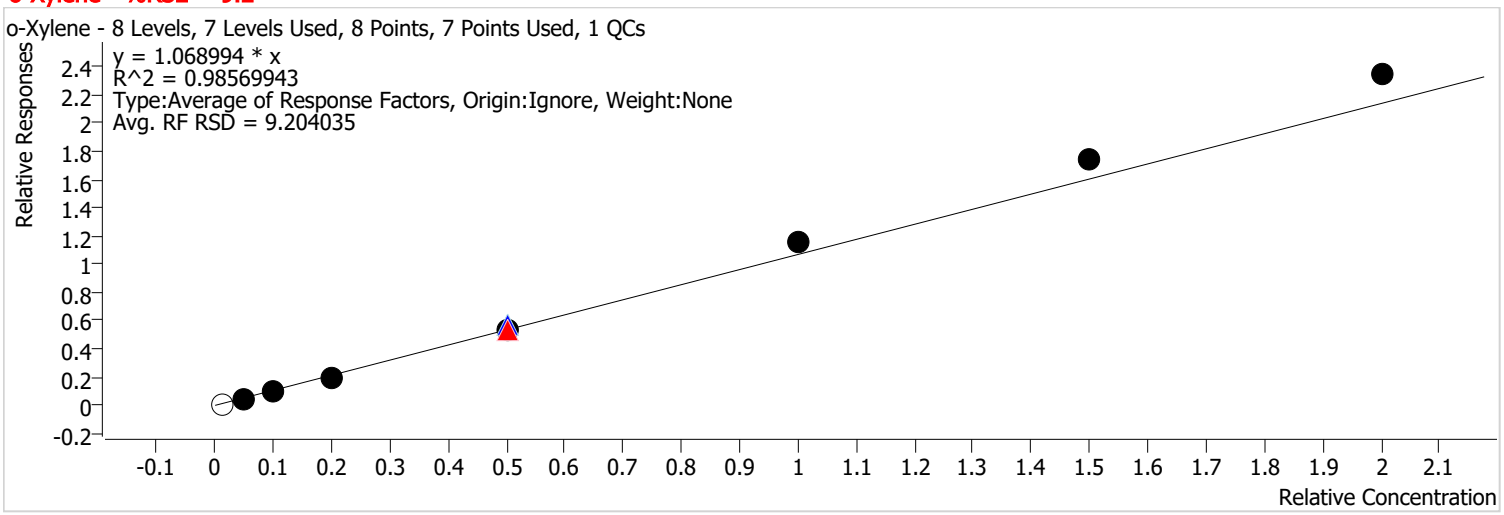
m+p-Xylenes %RSE = 8.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1	x	7212	5.0000	1.2179	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	31538	25.0000	1.0635	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	66267	50.0000	1.0995	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	133498	100.0000	1.1112	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	388558	250.0000	1.2621	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	368418	250.0000	1.2021	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	368418	250.0000	1.2021	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	825866	500.0000	1.3051	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	1228570	750.0000	1.3014	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	1637879	1000.0000	1.3058	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

o-Xylene %RSE = 9.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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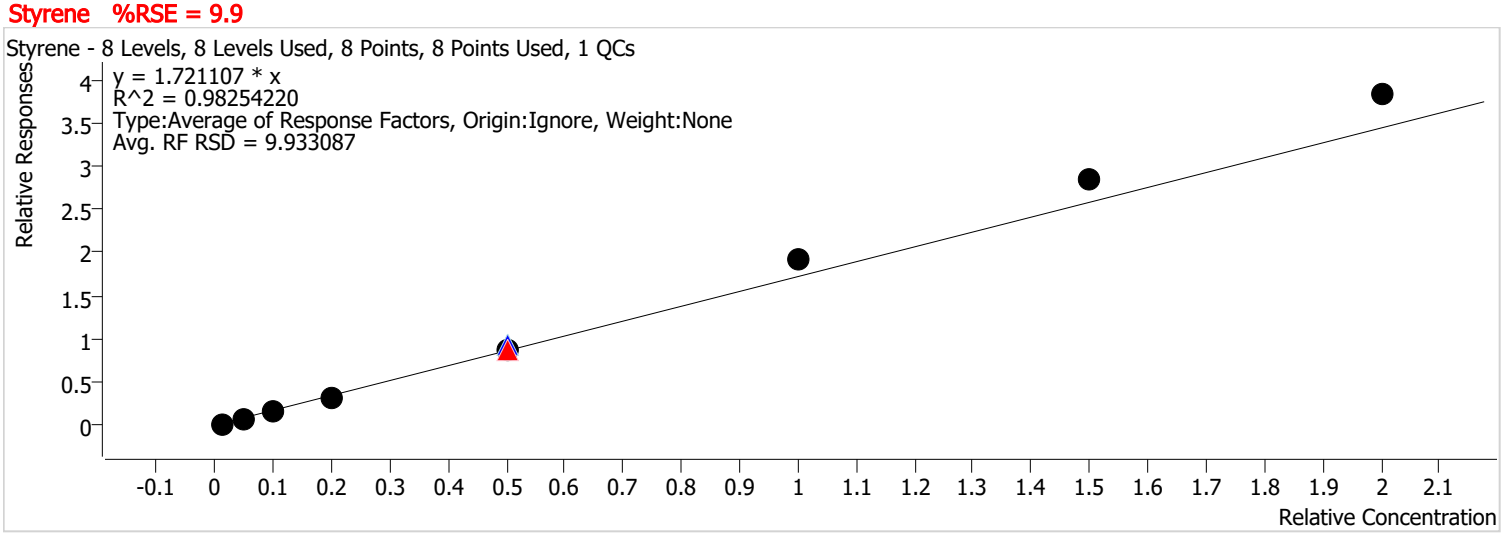
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	13519	12.5000	0.9117	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	30463	25.0000	1.0109	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	61016	50.0000	1.0157	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	174061	125.0000	1.1308	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	161509	125.0000	1.0539	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	161509	125.0000	1.0539	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	365914	250.0000	1.1565	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	549244	375.0000	1.1636	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	734101	500.0000	1.1705	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

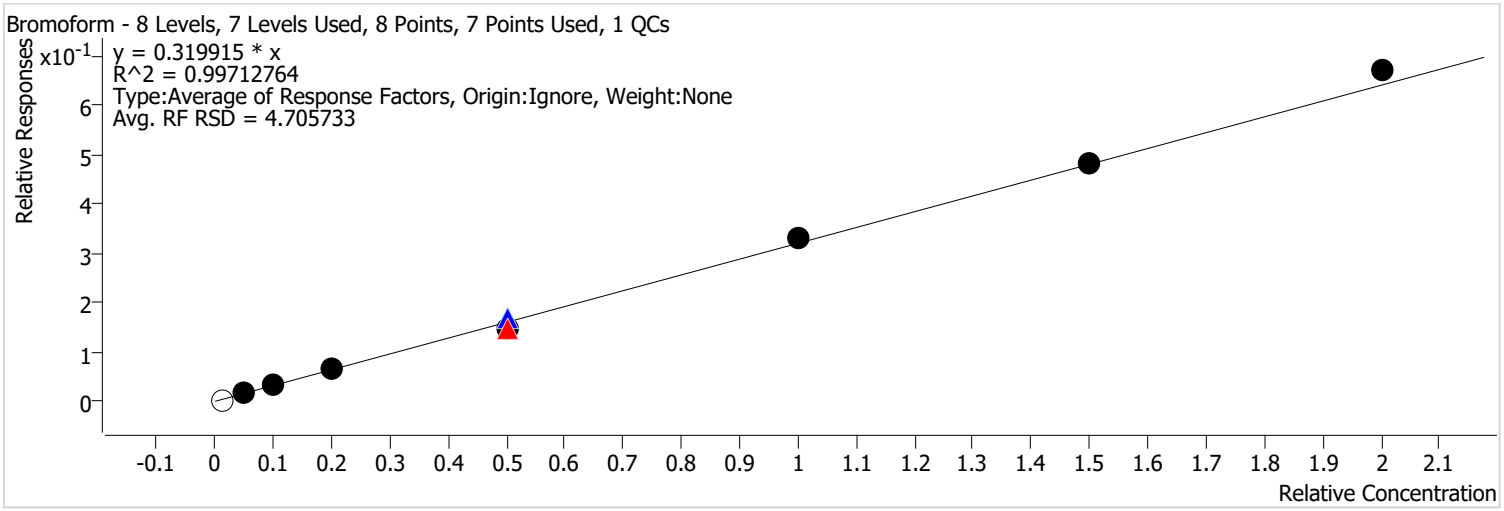
Styrene %RSE = 9.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1	x	4408	2.5000	1.4888	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	23472	12.5000	1.5830	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	48569	25.0000	1.6118	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	96576	50.0000	1.6077	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	291425	125.0000	1.8932	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	268375	125.0000	1.7513	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	268375	125.0000	1.7513	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	605646	250.0000	1.9142	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	896331	375.0000	1.8990	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	1199879	500.0000	1.9132	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromoform %RSE = 4.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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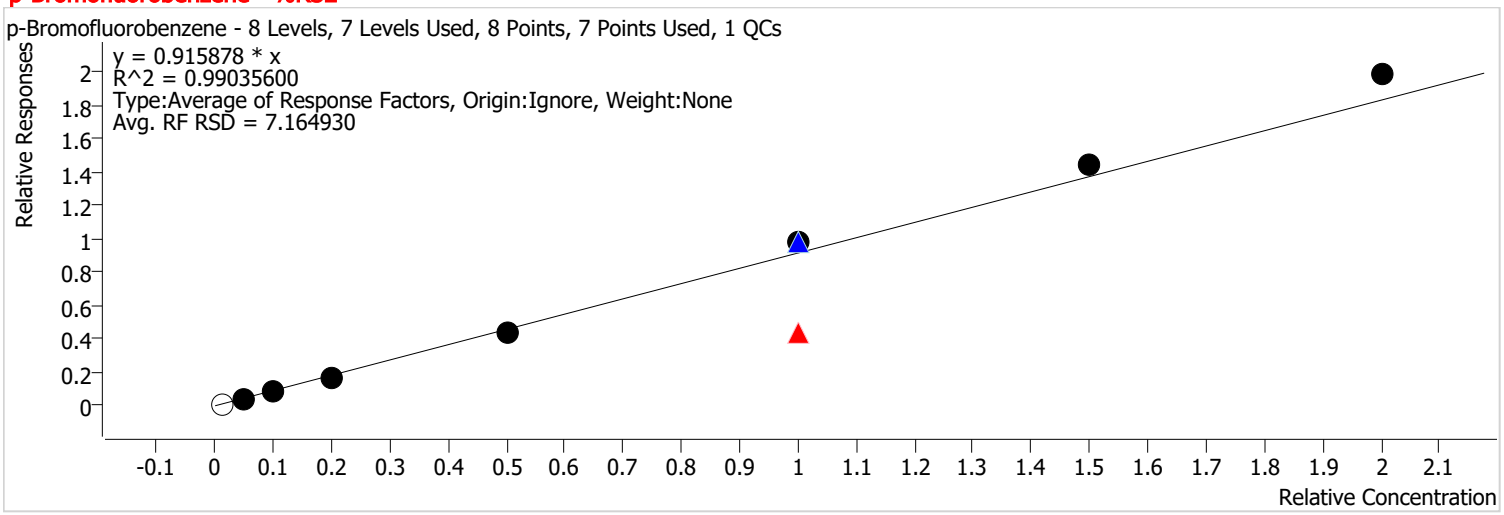
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	3652	12.5000	0.3016	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	7972	25.0000	0.3317	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	16073	50.0000	0.3232	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	42560	125.0000	0.3326	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	39165	125.0000	0.2962	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	39165	125.0000	0.2962	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	87836	250.0000	0.3295	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	129038	375.0000	0.3227	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	175918	500.0000	0.3345	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

p-Bromofluorobenzene %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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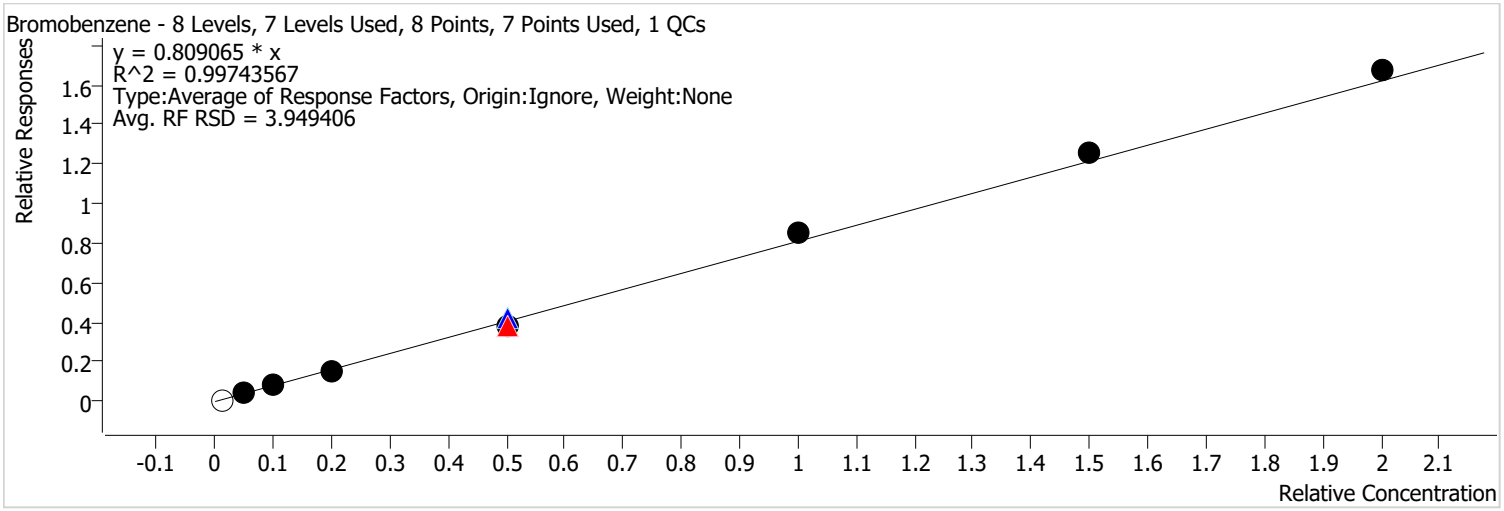
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	10059	12.5000	0.8308	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	22267	25.0000	0.9265	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	42506	50.0000	0.8548	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	114269	125.0000	0.8641	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	253034	250.0000	0.9888	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	261042	250.0000	0.9793	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	114269	250.0000	0.4321	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	385474	375.0000	0.9639	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	521580	500.0000	0.9917	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromobenzene %RSE = 3.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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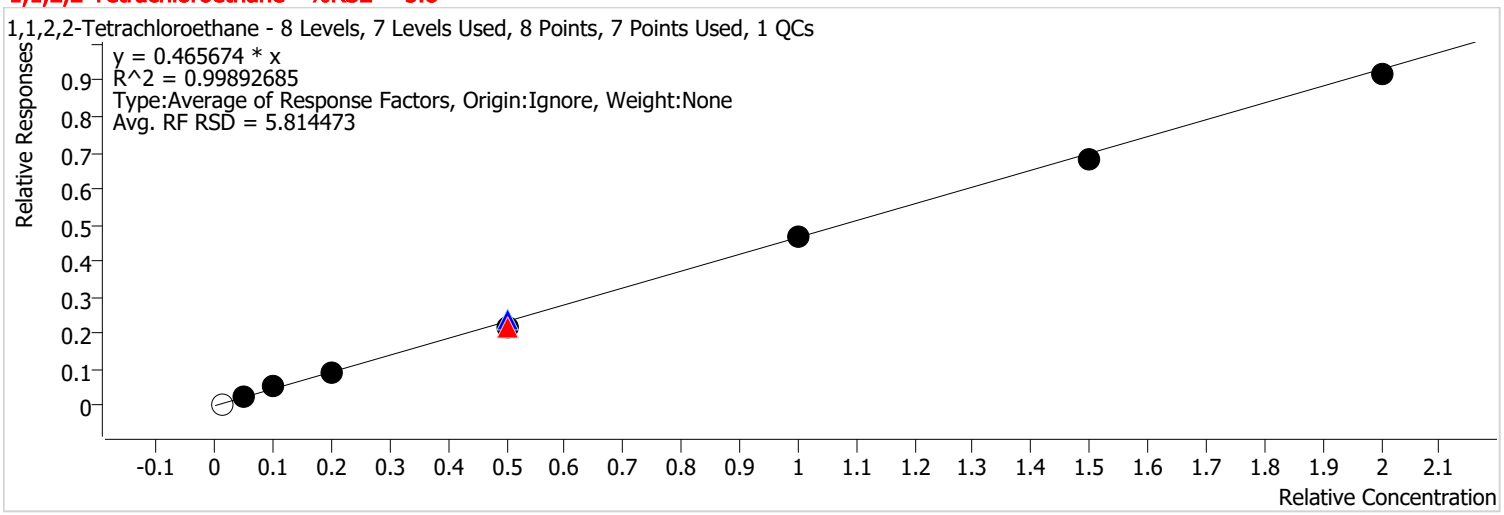
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	9663	12.5000	0.7981	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	19259	25.0000	0.8013	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	38282	50.0000	0.7698	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	109054	125.0000	0.8523	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	102265	125.0000	0.7733	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	102265	125.0000	0.7733	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	227127	250.0000	0.8521	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	333431	375.0000	0.8338	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	439147	500.0000	0.8350	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

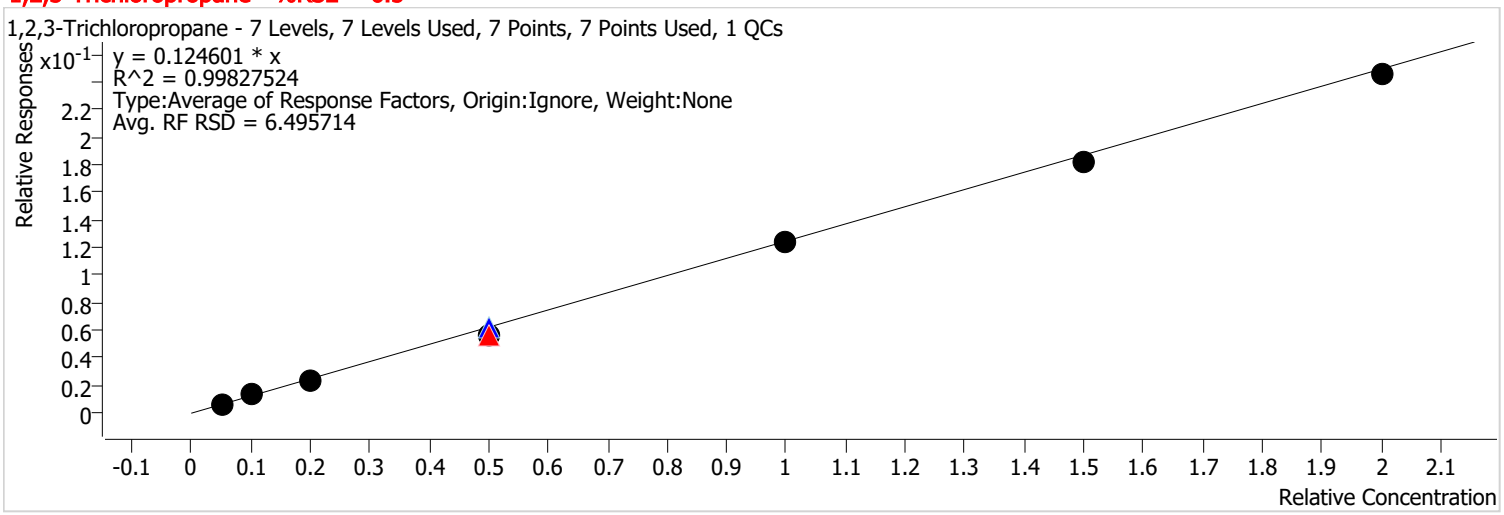
1,1,2,2-Tetrachloroethane %RSE = 5.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG010422\04JAN10.D	Calibration	1		1142	2.5000	0.5014	
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	5793	12.5000	0.4785	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	12440	25.0000	0.5176	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	22514	50.0000	0.4528	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	60763	125.0000	0.4749	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	56958	125.0000	0.4307	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	56958	125.0000	0.4307	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	124205	250.0000	0.4660	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	182470	375.0000	0.4563	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	240837	500.0000	0.4579	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2,3-Trichloropropane %RSE = 6.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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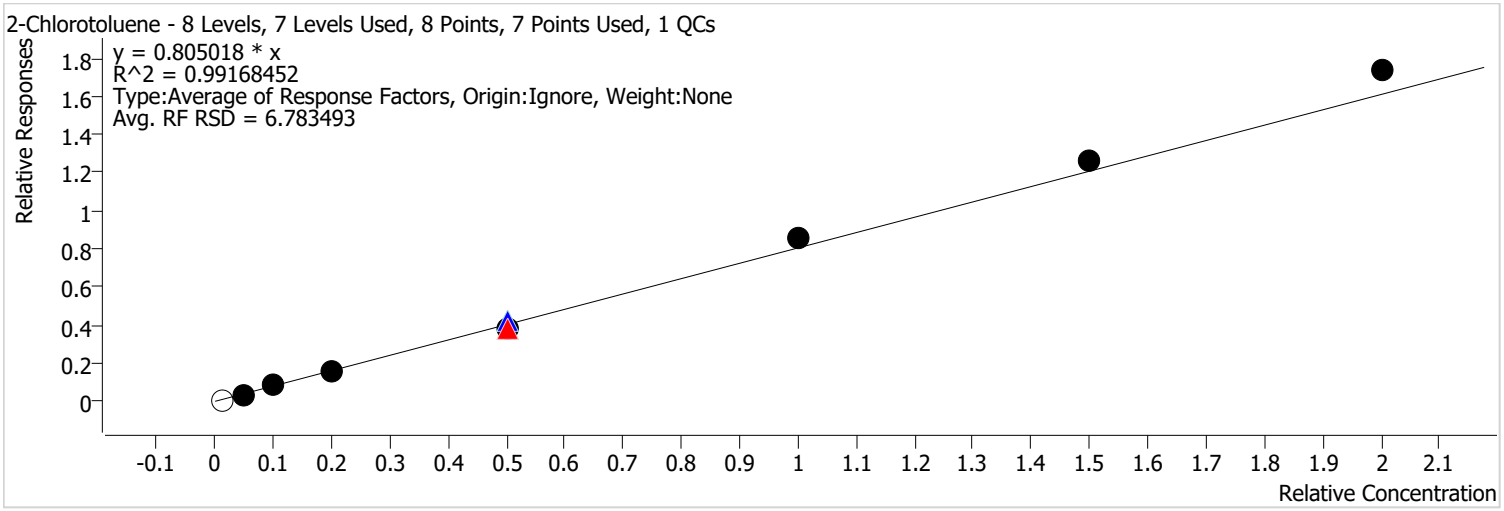
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	3200	25.0000	0.1331	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	6096	50.0000	0.1226	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	15682	125.0000	0.1226	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	14846	125.0000	0.1123	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	14846	125.0000	0.1123	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	33115	250.0000	0.1242	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	48325	375.0000	0.1208	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	64422	500.0000	0.1225	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

2-Chlorotoluene %RSE = 6.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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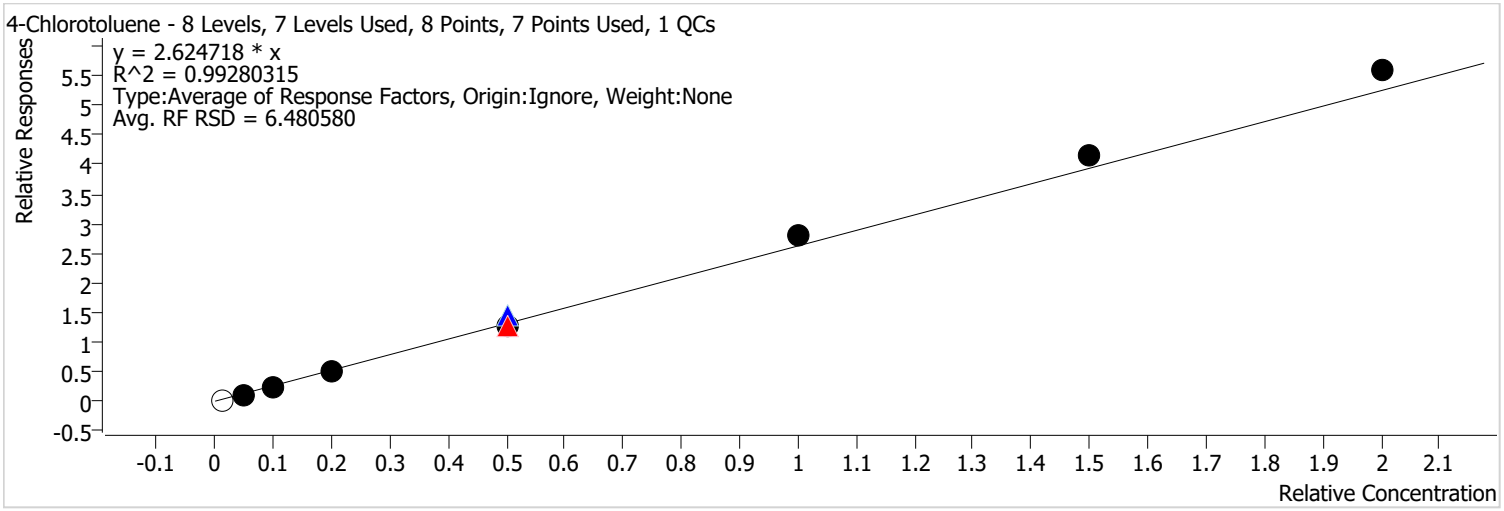
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	8731	12.5000	0.7211	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	19390	25.0000	0.8068	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	37987	50.0000	0.7639	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	108192	125.0000	0.8456	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	102424	125.0000	0.7745	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	102424	125.0000	0.7745	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	229396	250.0000	0.8606	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	336386	375.0000	0.8411	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	455991	500.0000	0.8670	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

4-Chlorotoluene %RSE = 6.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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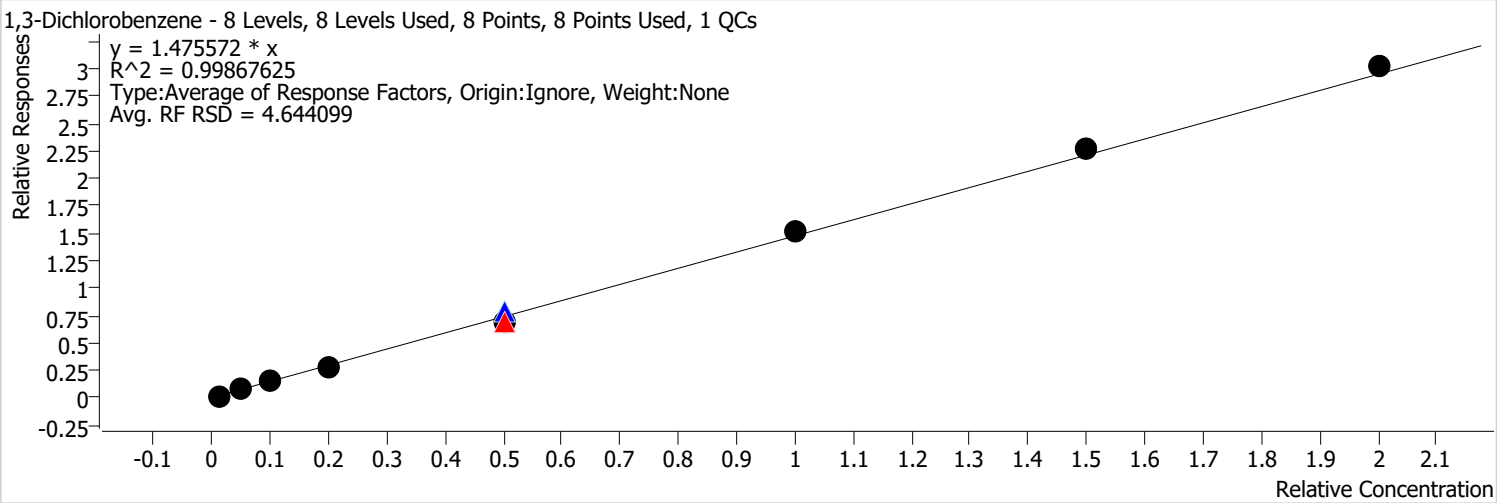
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	61551	25.0000	2.5611	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	126308	50.0000	2.5400	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	368295	125.0000	2.8784	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	336146	125.0000	2.5420	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	336146	125.0000	2.5420	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	748435	250.0000	2.8078	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	1109221	375.0000	2.7736	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	1468376	500.0000	2.7919	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,3-Dichlorobenzene %RSE = 4.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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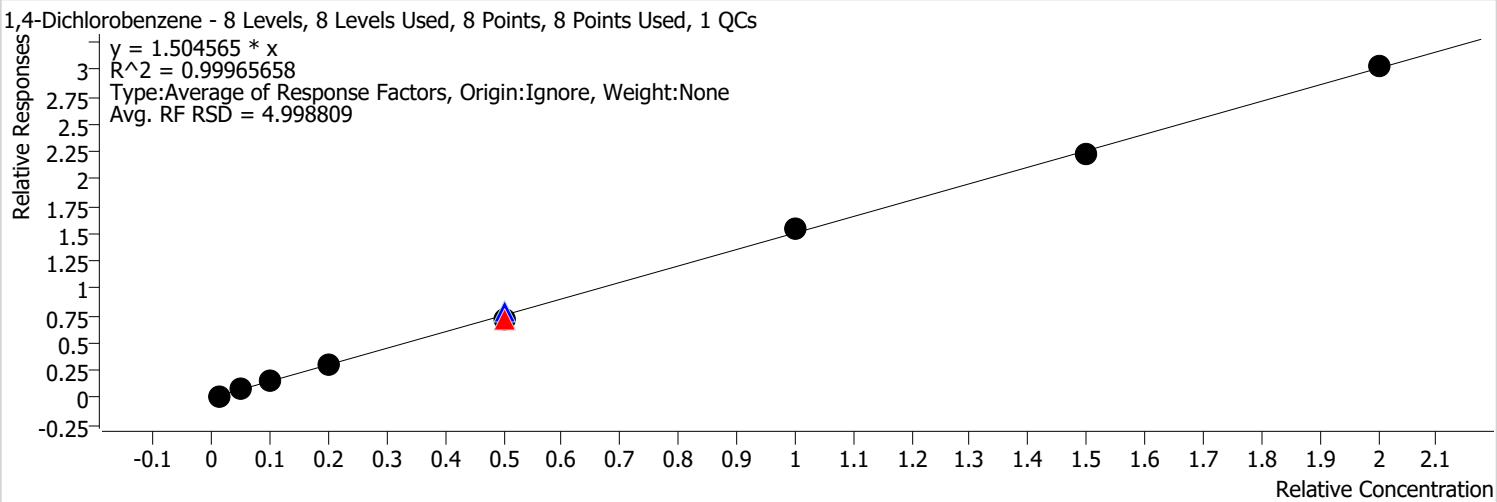
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	69539	50.0000	1.3984	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	204088	125.0000	1.5950	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	183404	125.0000	1.3869	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	183404	125.0000	1.3869	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	406895	250.0000	1.5265	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	603674	375.0000	1.5095	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	793993	500.0000	1.5097	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,4-Dichlorobenzene %RSE = 5.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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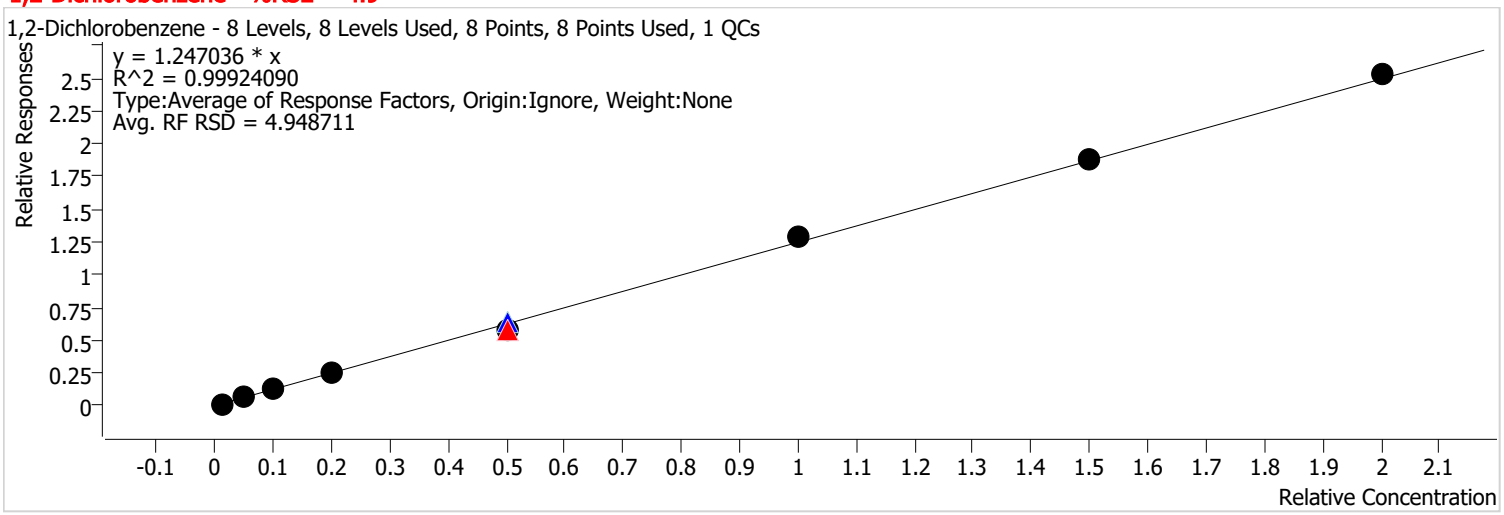
D:\Org\Data\VOA5975C\VG010422\04JAN11.D	Calibration	2	x	17438	12.5000	1.4403	
D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	36635	25.0000	1.5243	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	71841	50.0000	1.4447	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	200032	125.0000	1.5633	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	189045	125.0000	1.4296	
D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D	CC	CC	x	189045	125.0000	1.4296	
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	408934	250.0000	1.5342	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	595919	375.0000	1.4901	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	794954	500.0000	1.5115	

Batch Path	D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin		
Analysis Time	2/28/2022 1:57 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/28/2022 2:00:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/9/2022 8:59 PM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichlorobenzene %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\Org\Data\VOA5975C\VG010422\04JAN12.D	Calibration	3	x	29899	25.0000	1.2441	
D:\Org\Data\VOA5975C\VG010422\04JAN13.D	Calibration	4	x	60213	50.0000	1.2109	
D:\Org\Data\VOA5975C\VG010422\04JAN23.D	QC	QC	x	164299	125.0000	1.2841	
D:\Org\Data\VOA5975C\VG010422\04JAN15.D	Calibration	5	x	152284	125.0000	1.1516	
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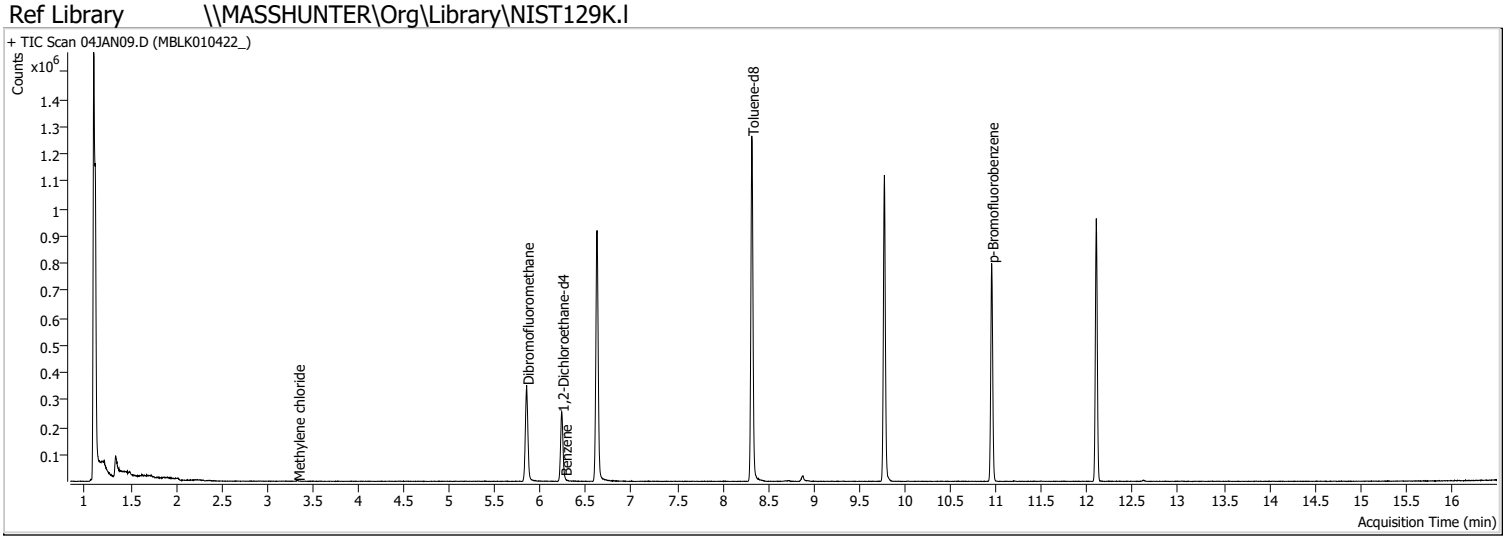
D:\Org\Data\VOA5975C\VG010422\04JAN17.D	Calibration	6	x	342576	250.0000	1.2852	
D:\Org\Data\VOA5975C\VG010422\04JAN19.D	Calibration	7	x	499147	375.0000	1.2481	
D:\Org\Data\VOA5975C\VG010422\04JAN21.D	Calibration	8	x	664247	500.0000	1.2630	

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04JAN09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 3:05:37 PM
Sample Name	MBLK010422_	Instrument	VOA5975C
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

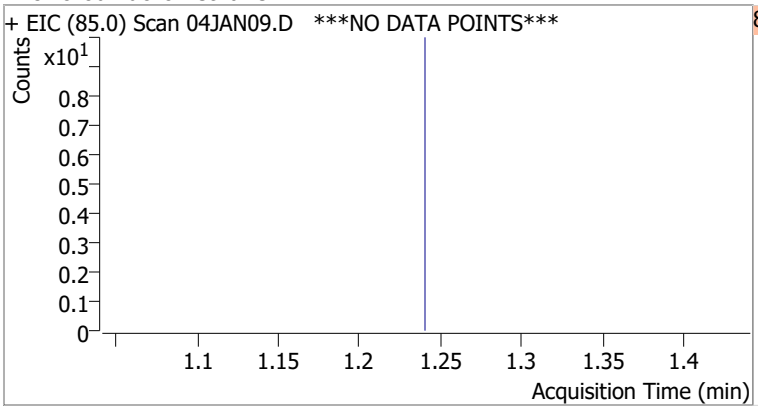


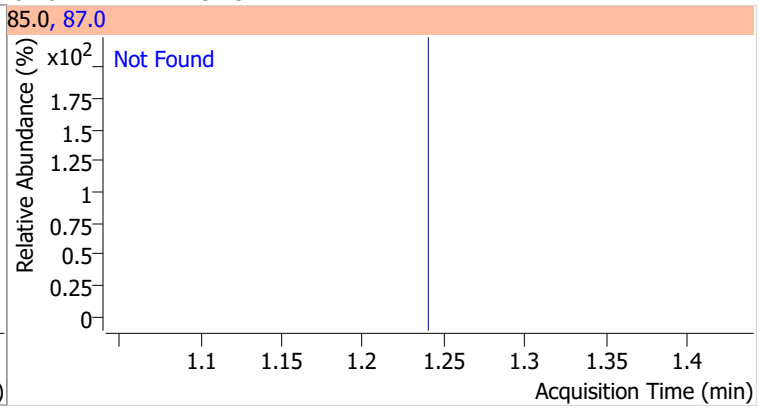
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	775552	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	301196	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	231562	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	203459	278.4635	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 111.39%			
S 1,2-Dichloroethane-d4	6.233	67.0	88174	279.3964	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 111.76%			
S Toluene-d8	8.319	98.0	770154	265.3436	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.14%			
S p-Bromofluorobenzene	10.951	95.0	226743	267.2815	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.91%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.333	50.0	0		ng	md	1
T Vinyl chloride	1.489	62.0	0		ng	md	1
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.335	49.0	1661	1.4424	ng	m	97
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	0.000		0	N.D.			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.266	78.0	381	0.1233	ng	m	98
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	0.000		0	N.D.			
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

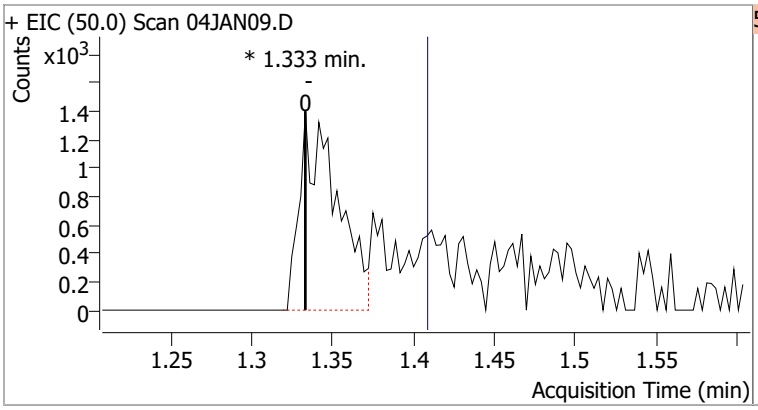
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

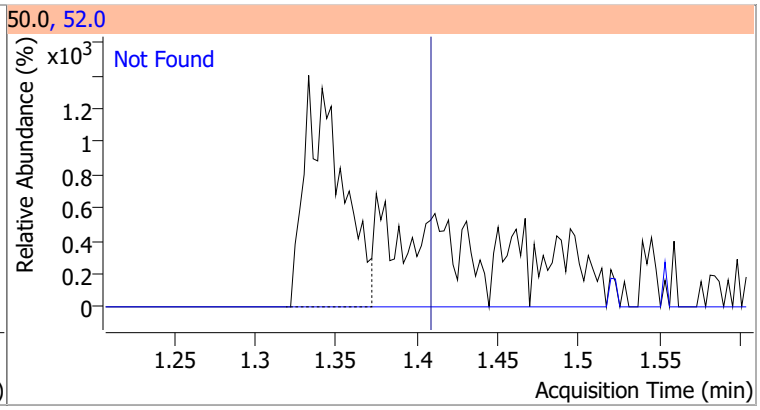
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3



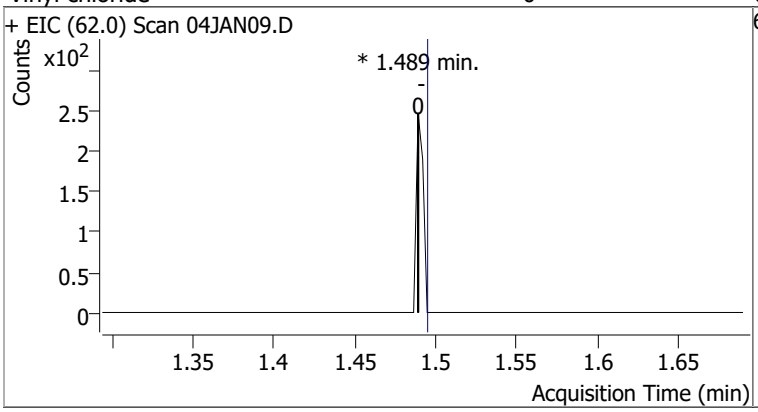


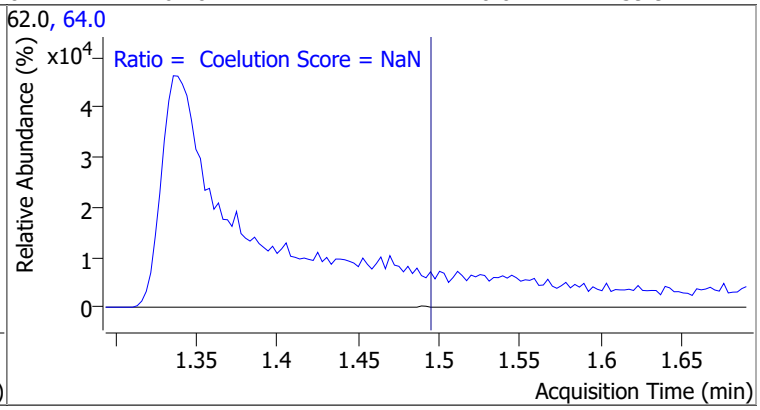
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane		0		0	52.0		2.1	62.1



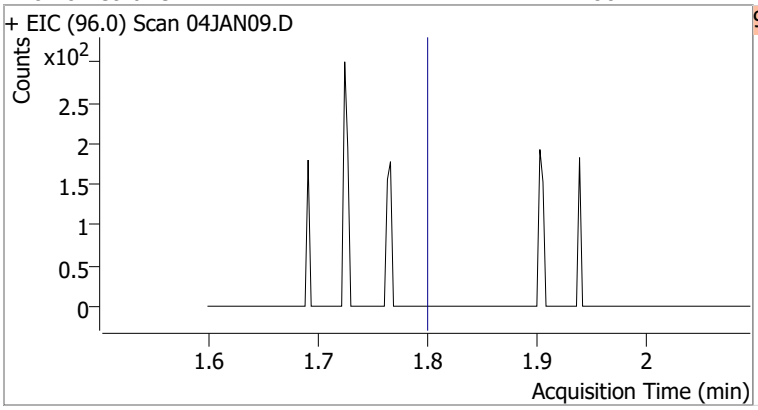


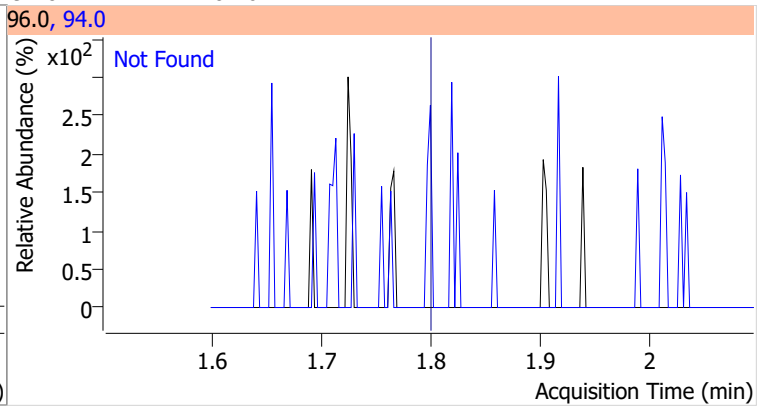
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride		0		0	64.0		0.0	59.9



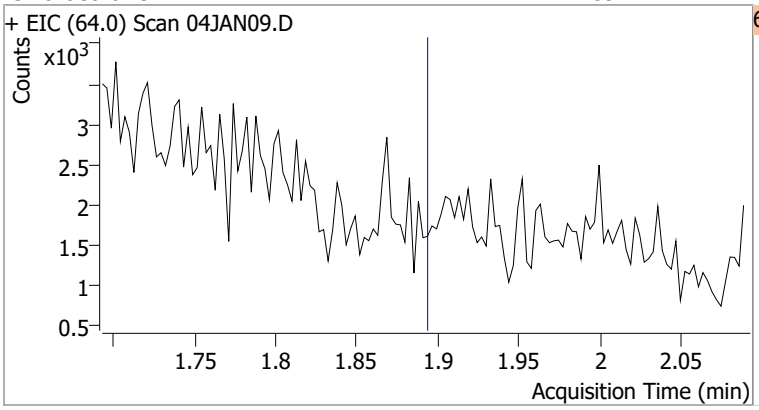


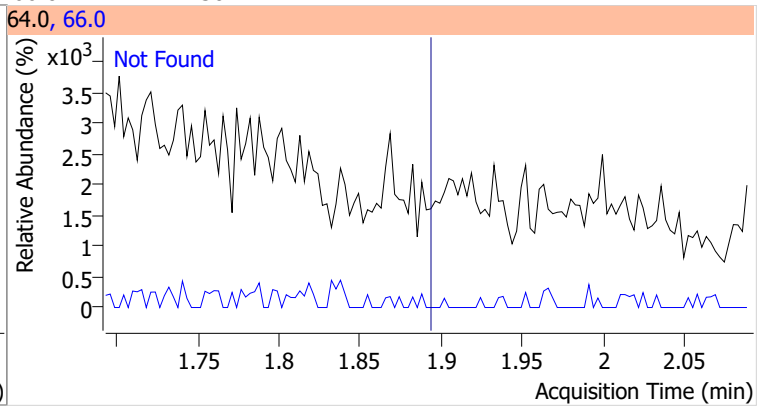
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



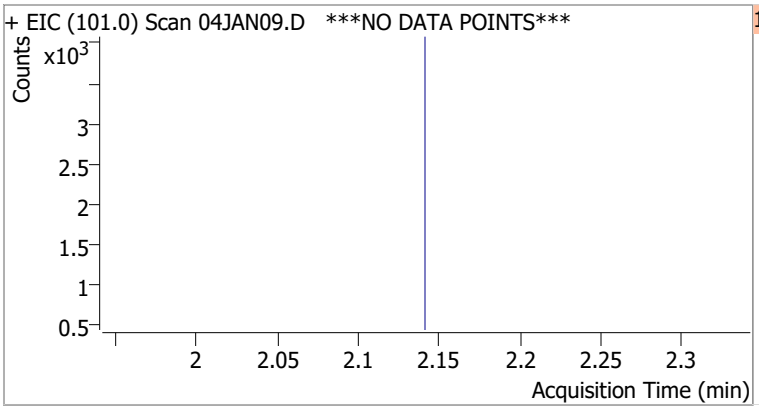


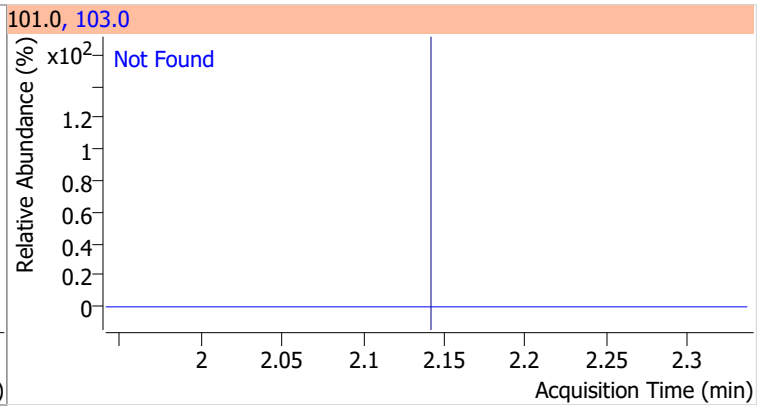
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



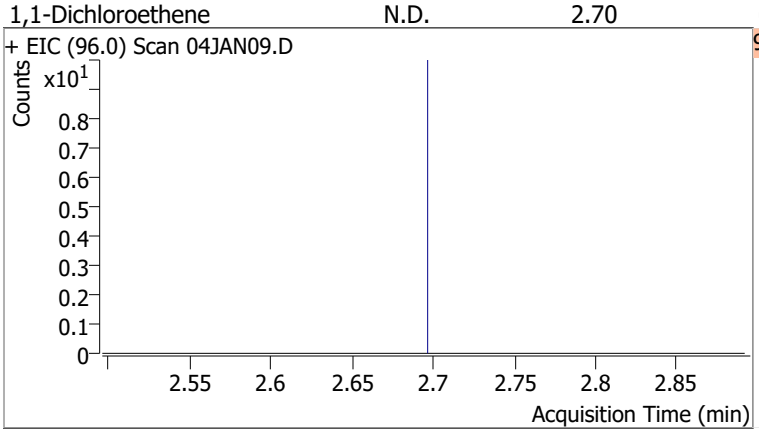


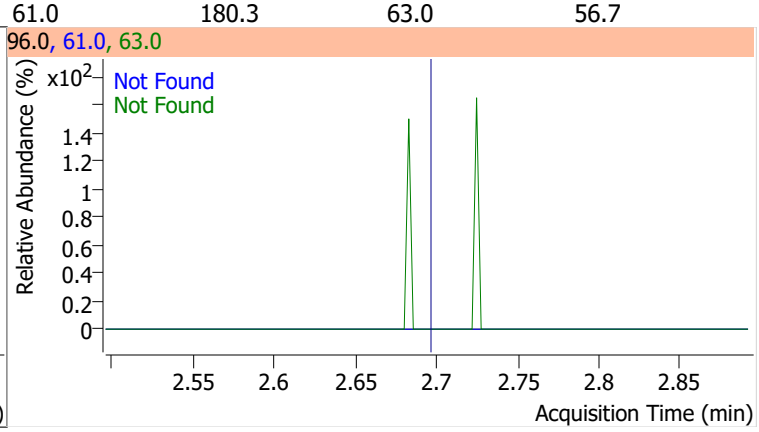
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



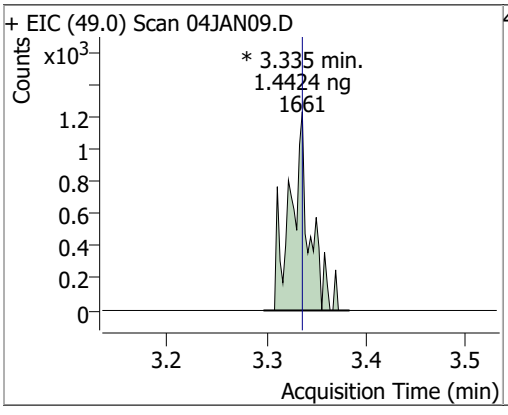


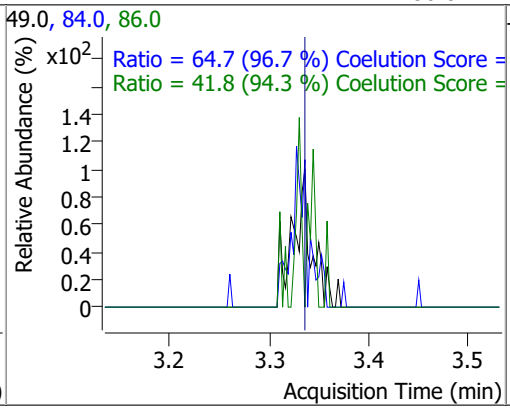
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

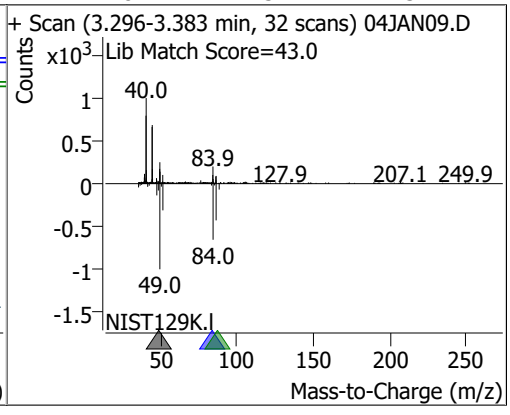




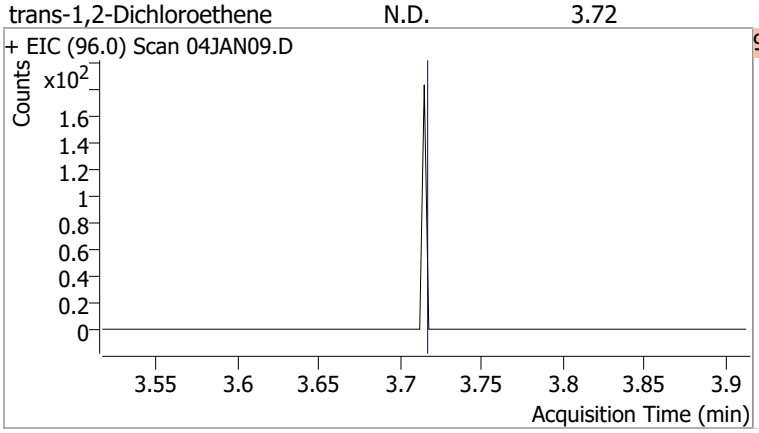
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.4424	3.34	0.00	1661 (m)	84.0	64.7	36.9	96.9
					86.0	41.8	14.3	74.3

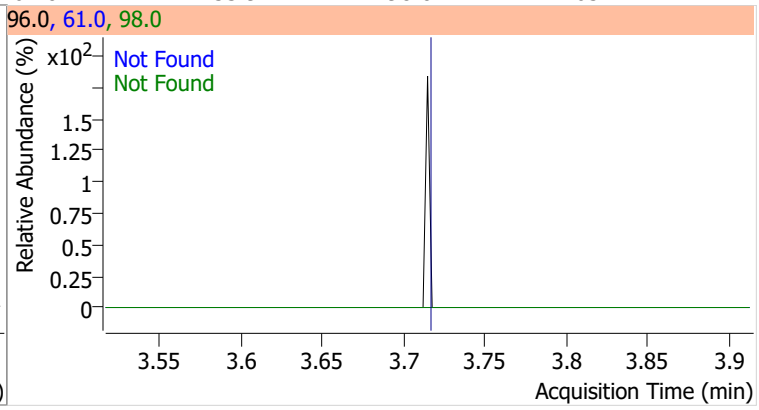




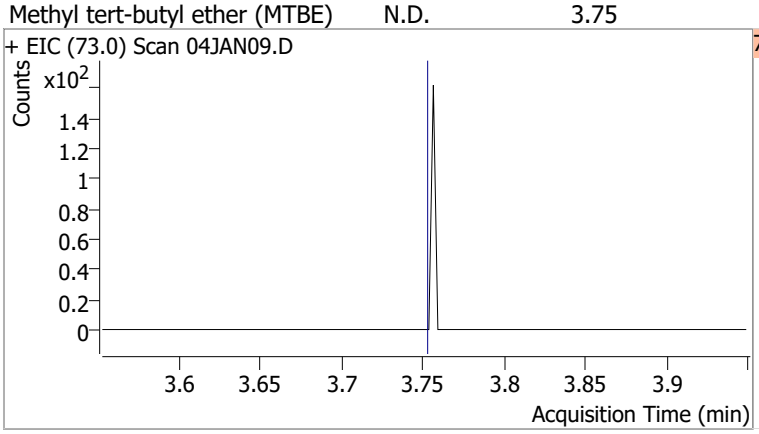


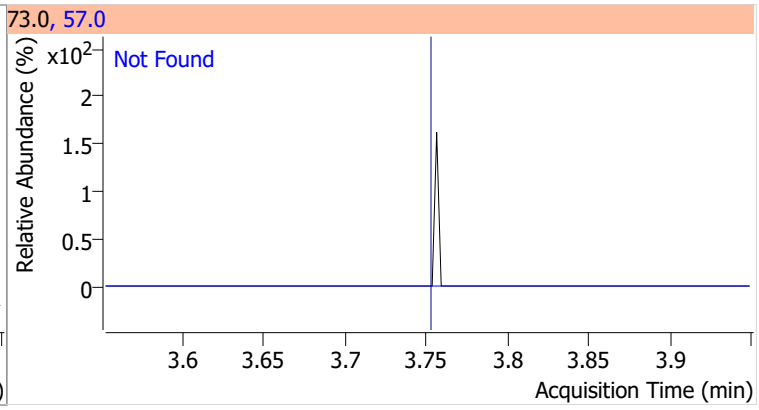
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



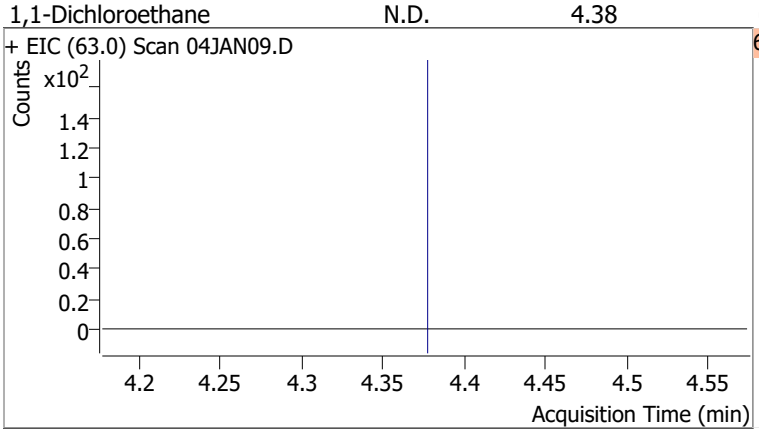


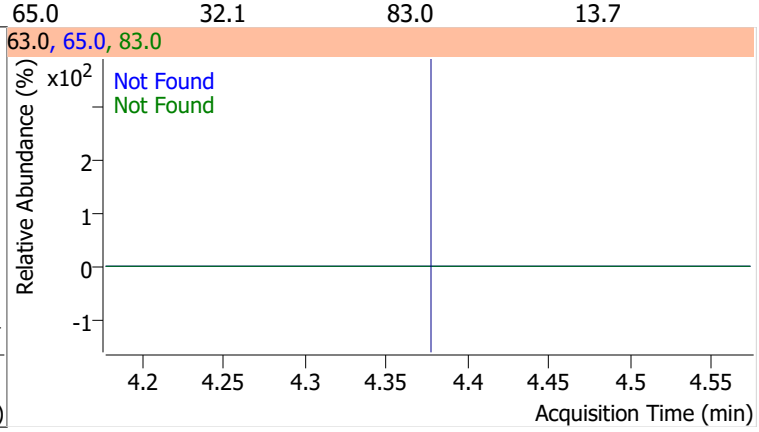
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



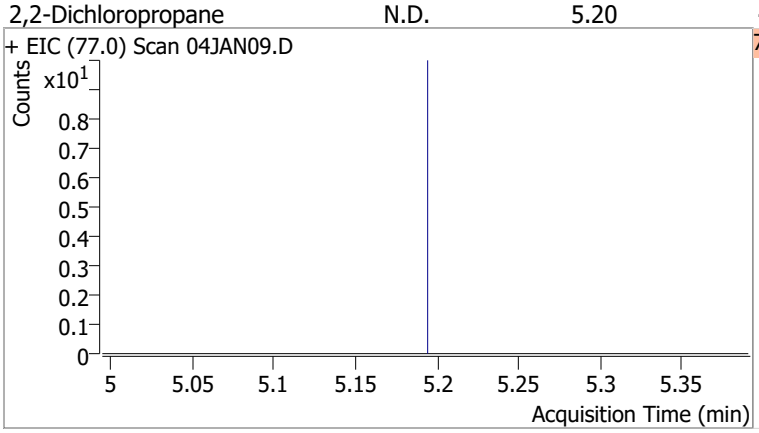


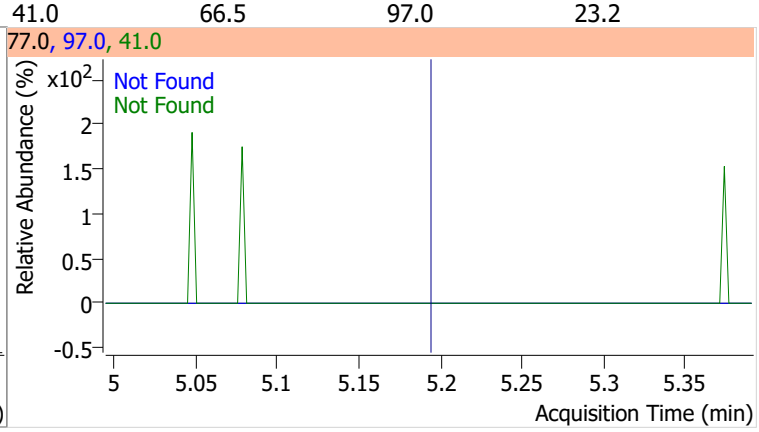
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



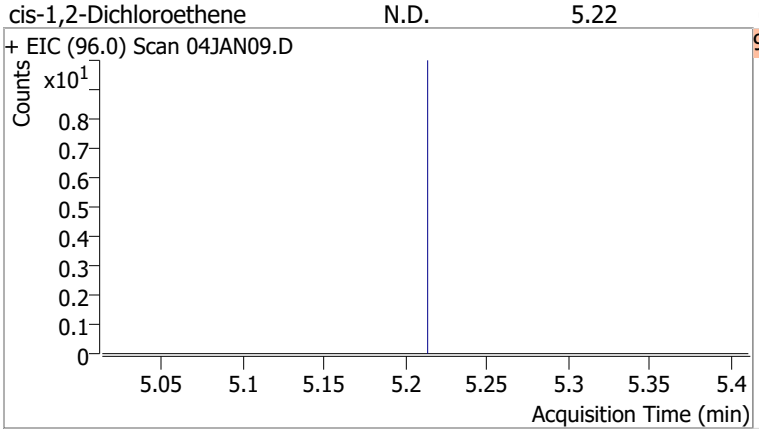


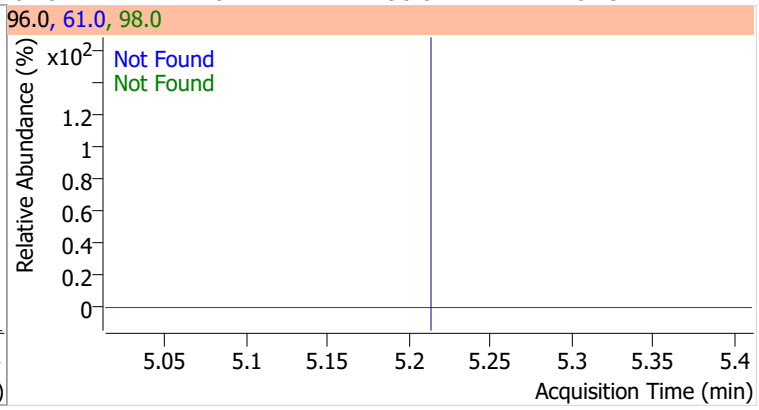
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



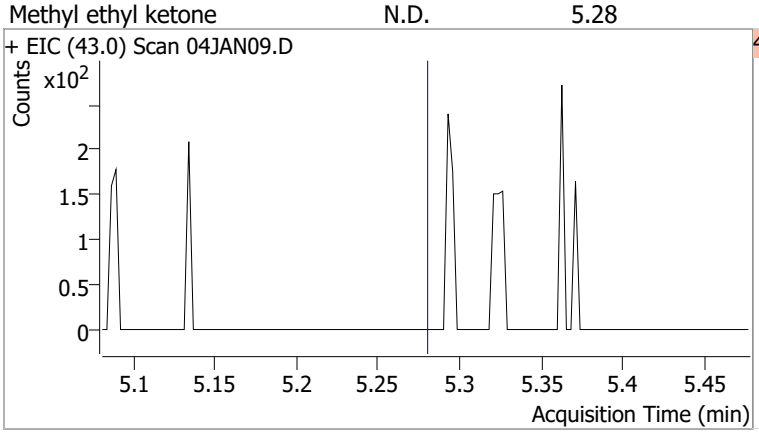


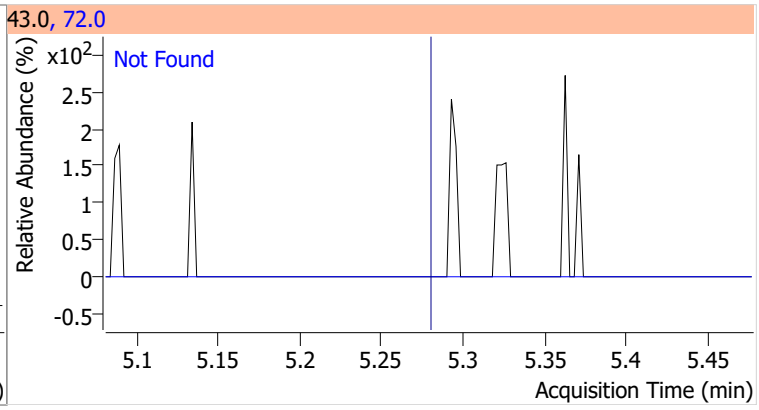
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



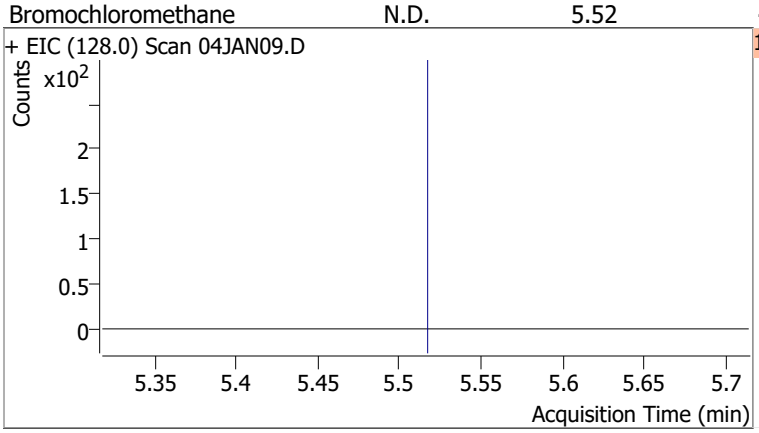


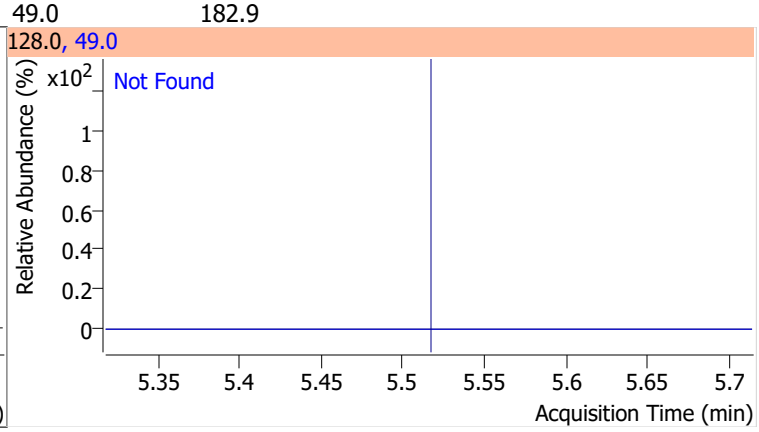
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



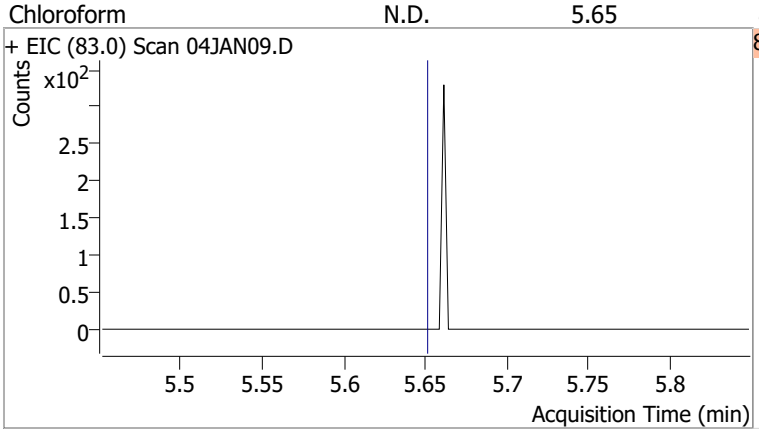


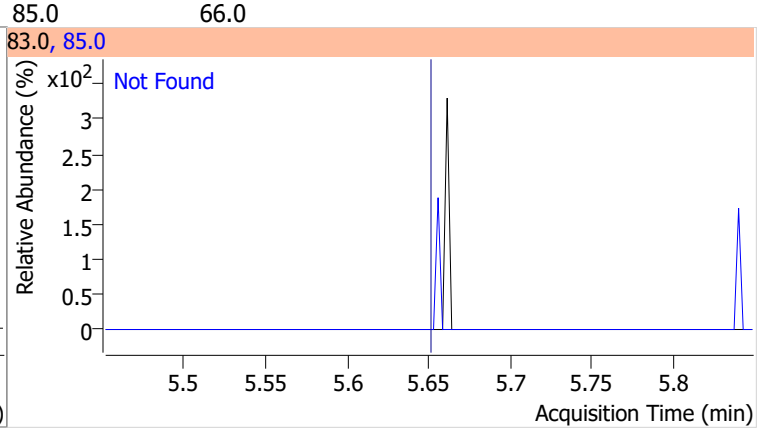
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



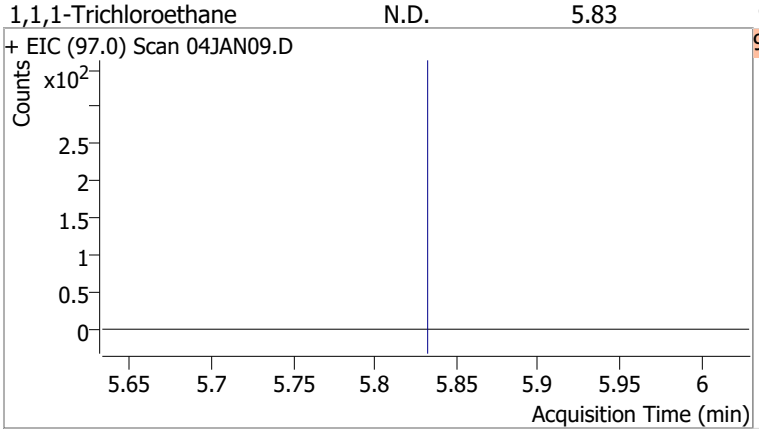


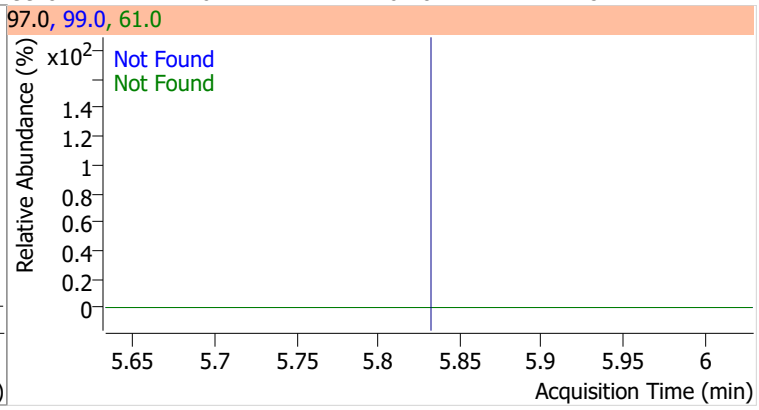
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.0



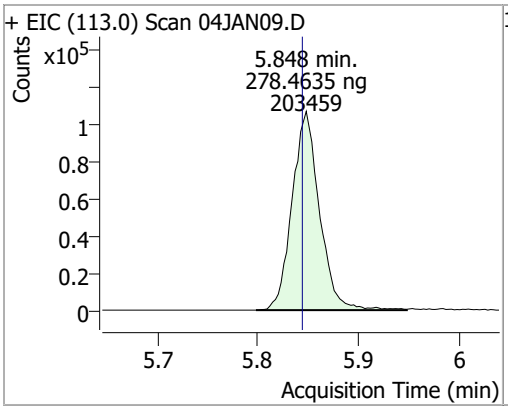


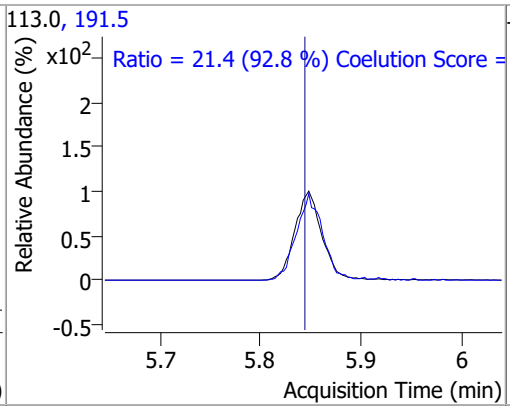
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

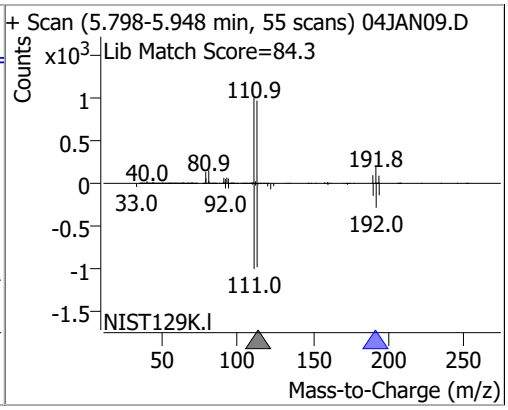




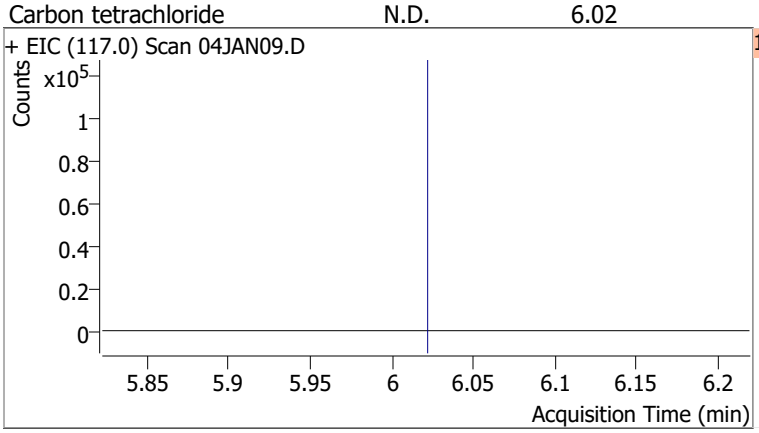
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	278.4635	5.85	0.00	203459	191.5	21.4	0.0	53.1

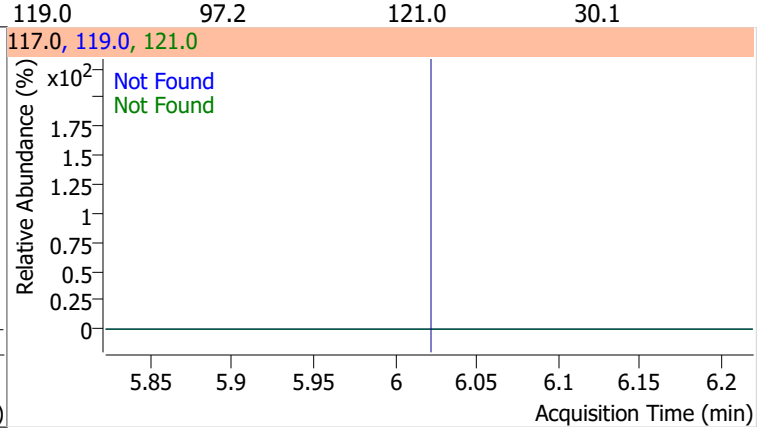




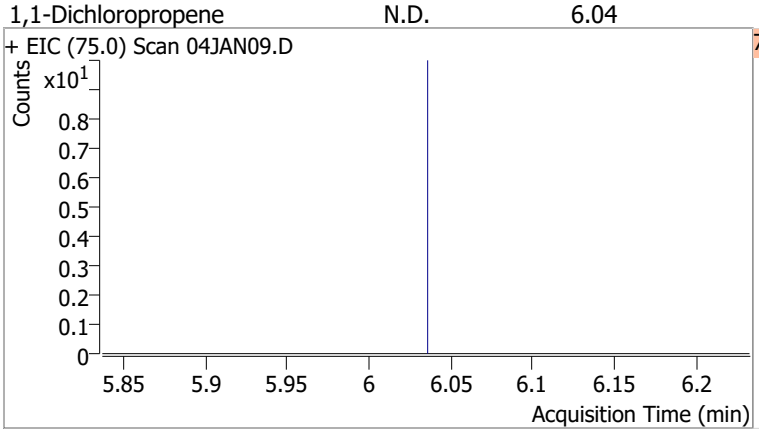


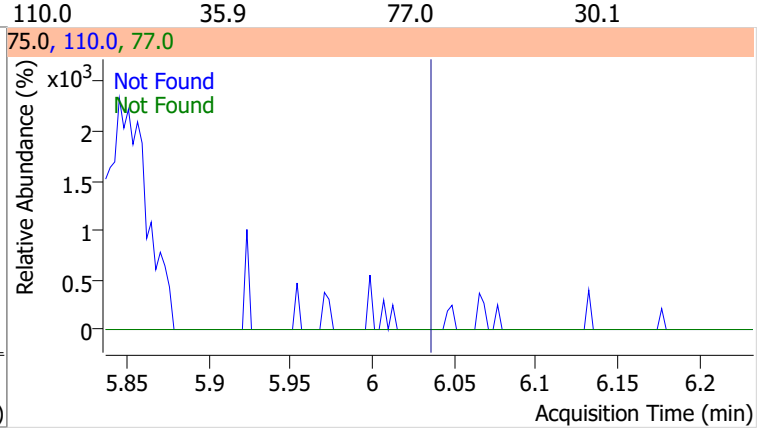
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



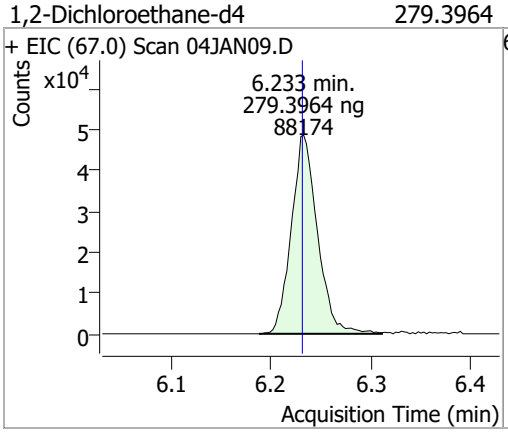


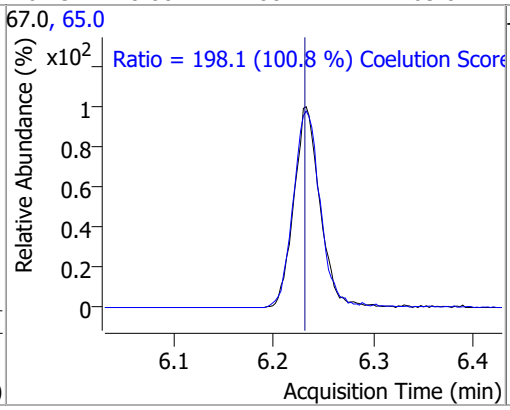
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

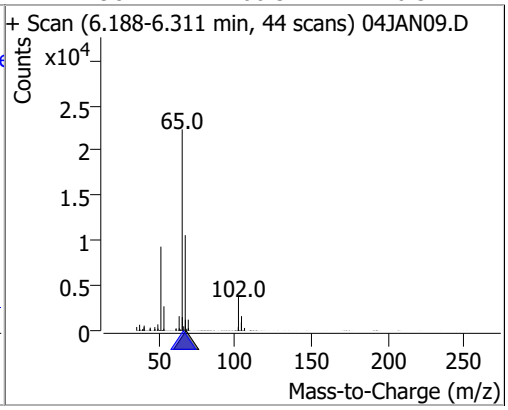




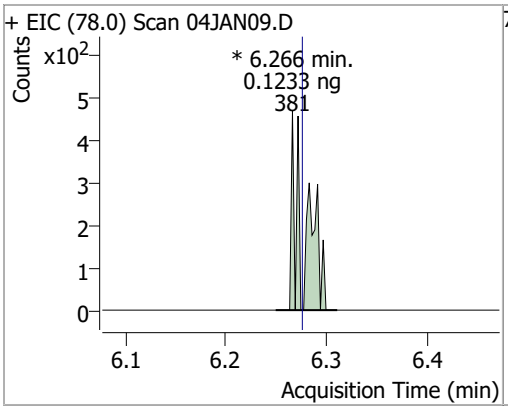
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	279.3964	6.23	0.00	88174	65.0	198.1	166.5	226.5

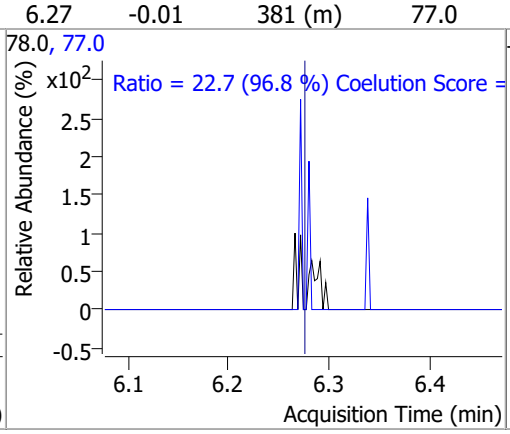


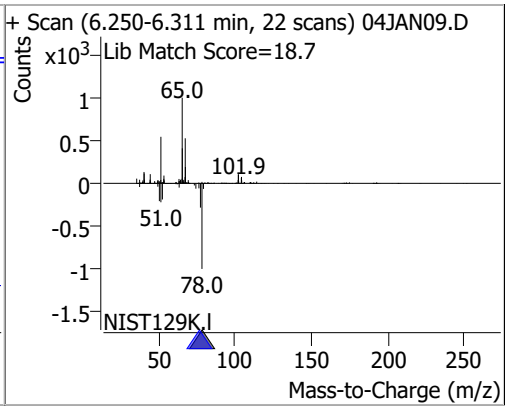




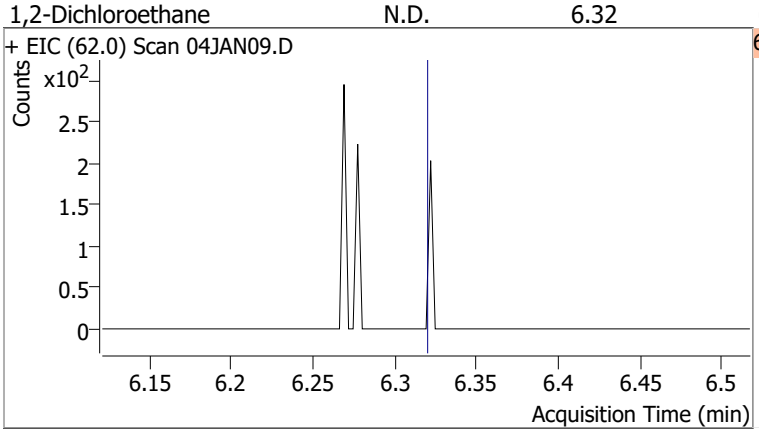
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1233	6.27	-0.01	381 (m)	77.0	22.7	0.0	53.5

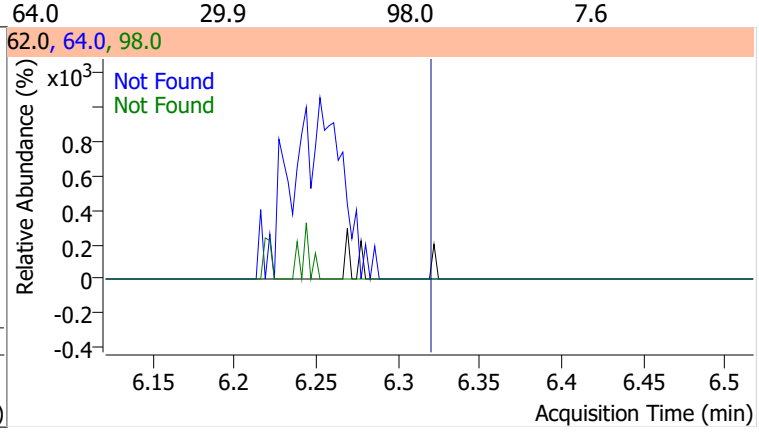




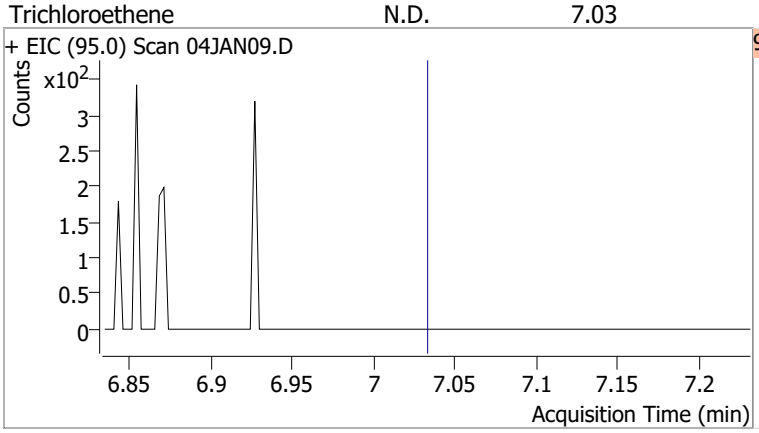


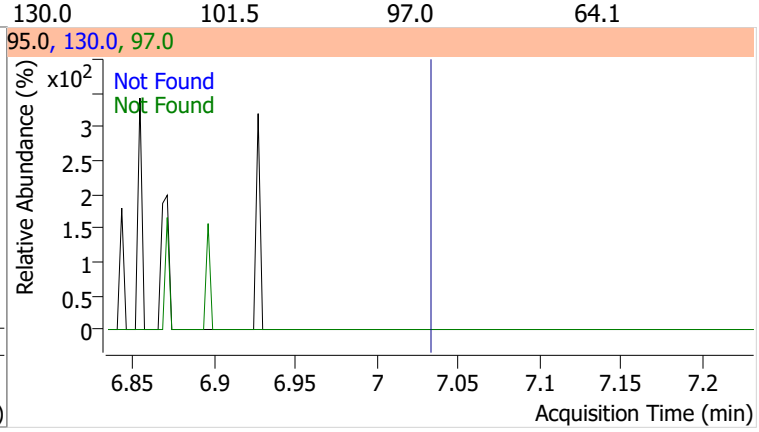
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



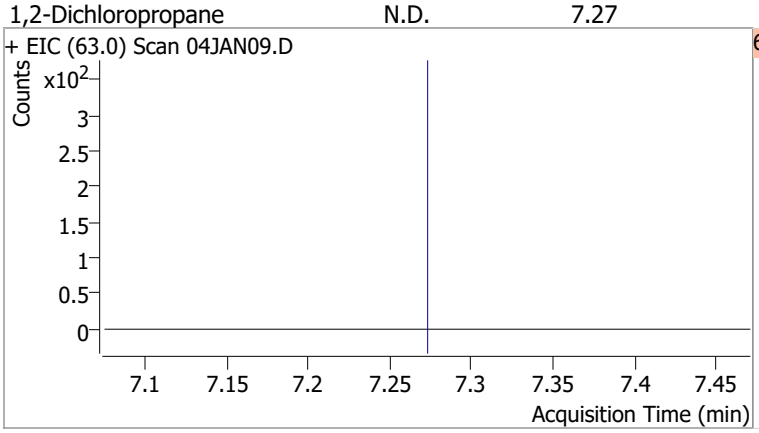


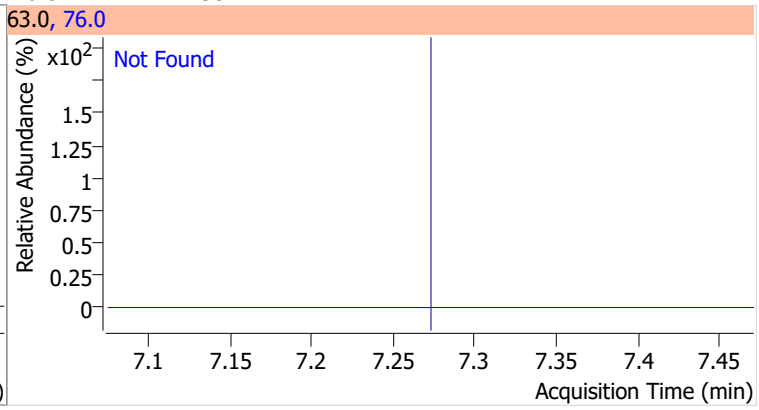
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



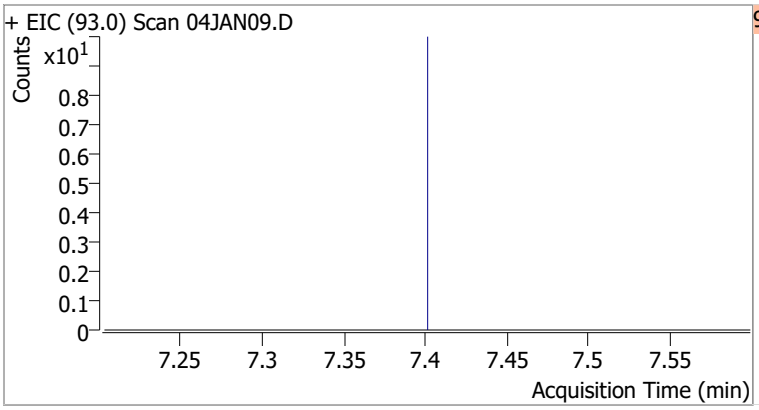


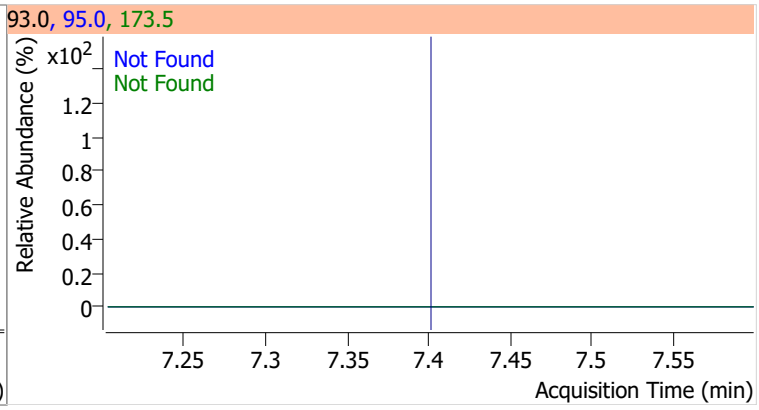
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



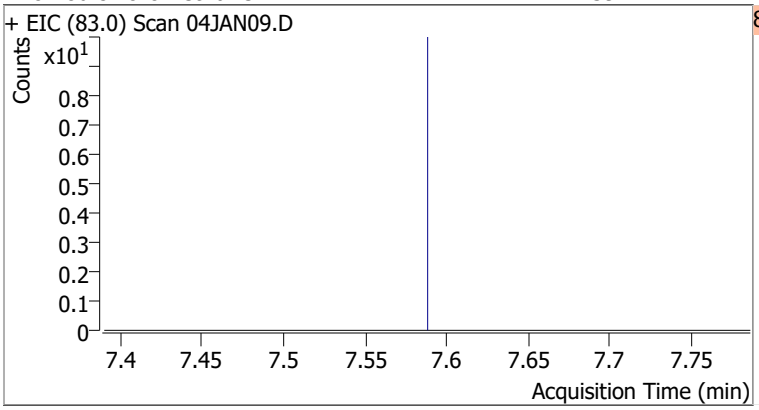


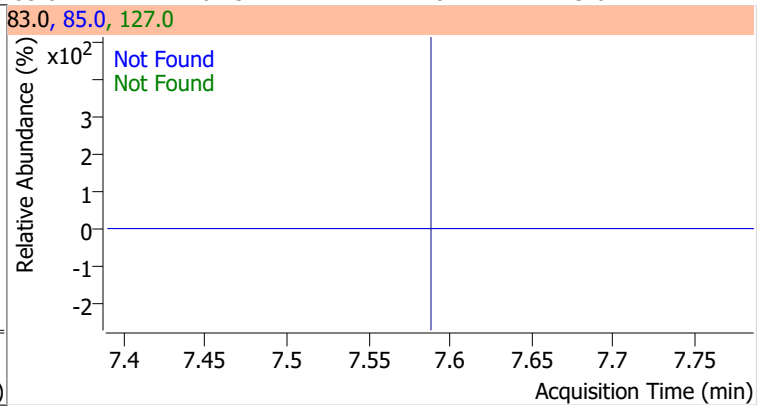
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



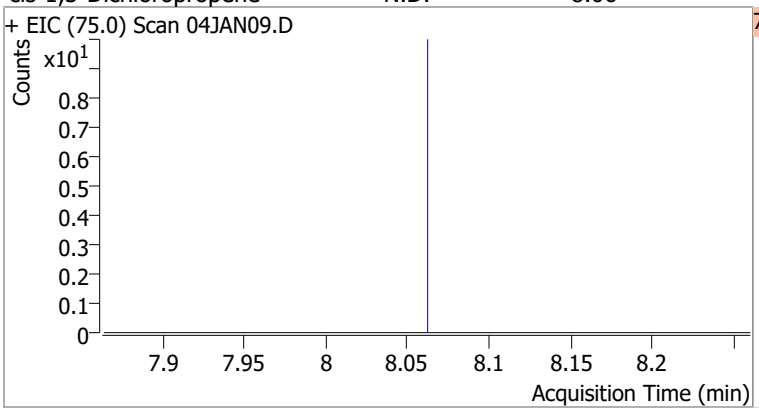


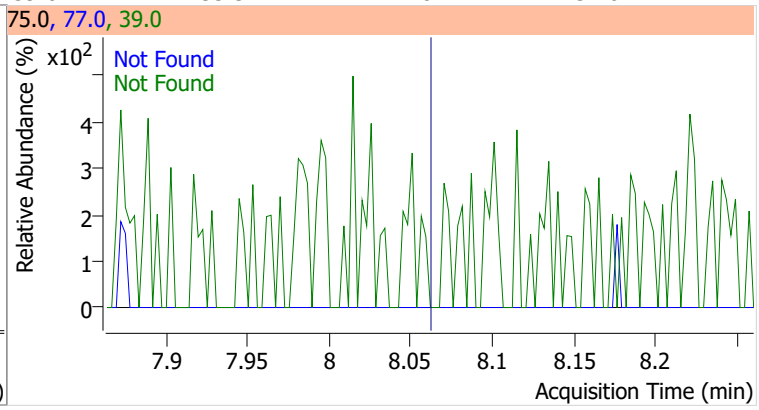
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



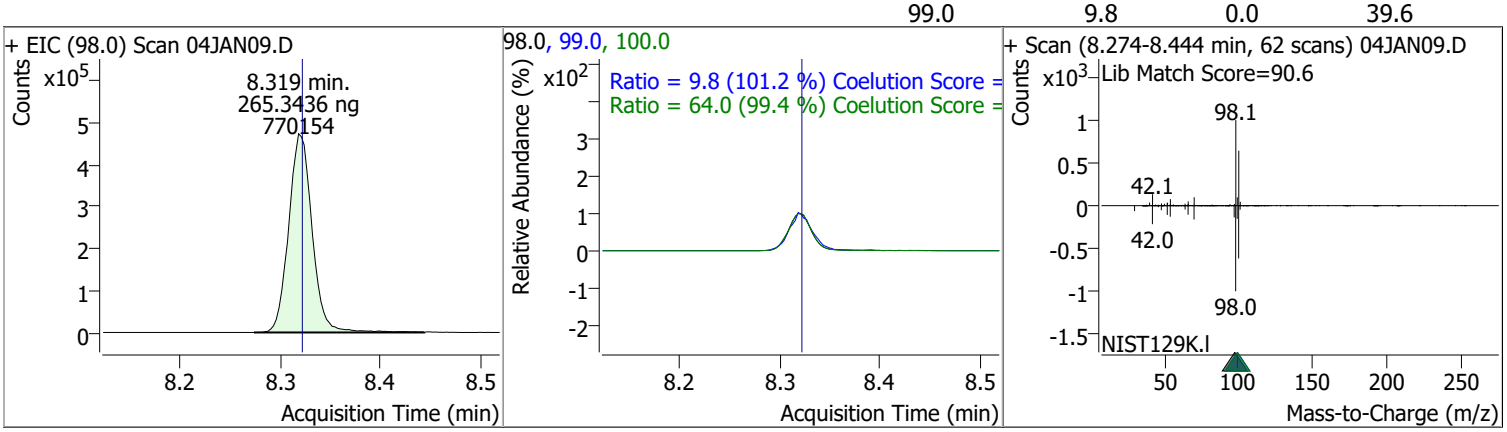


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

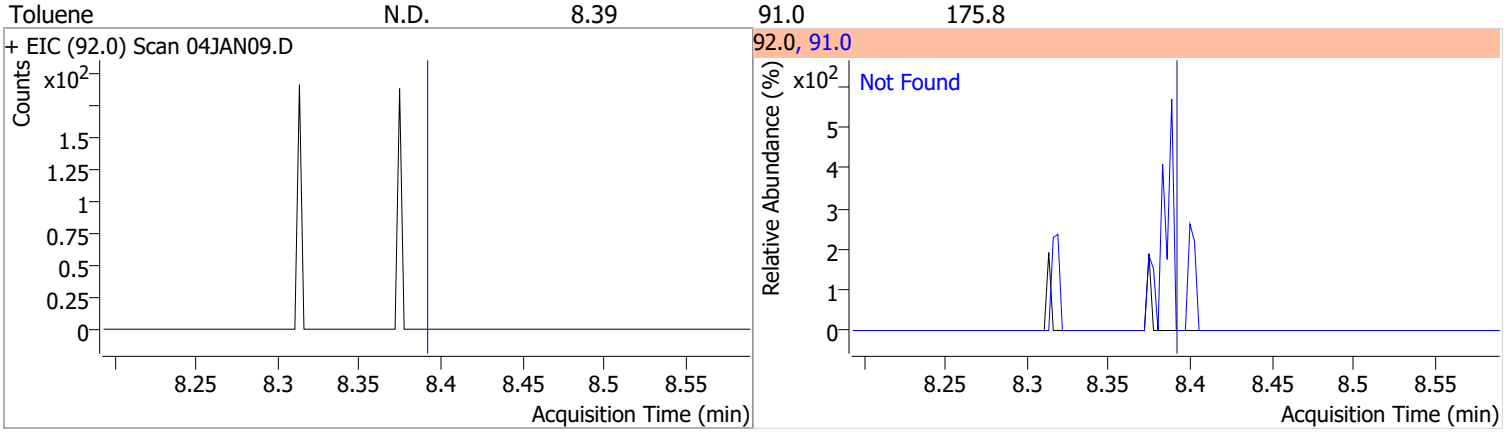




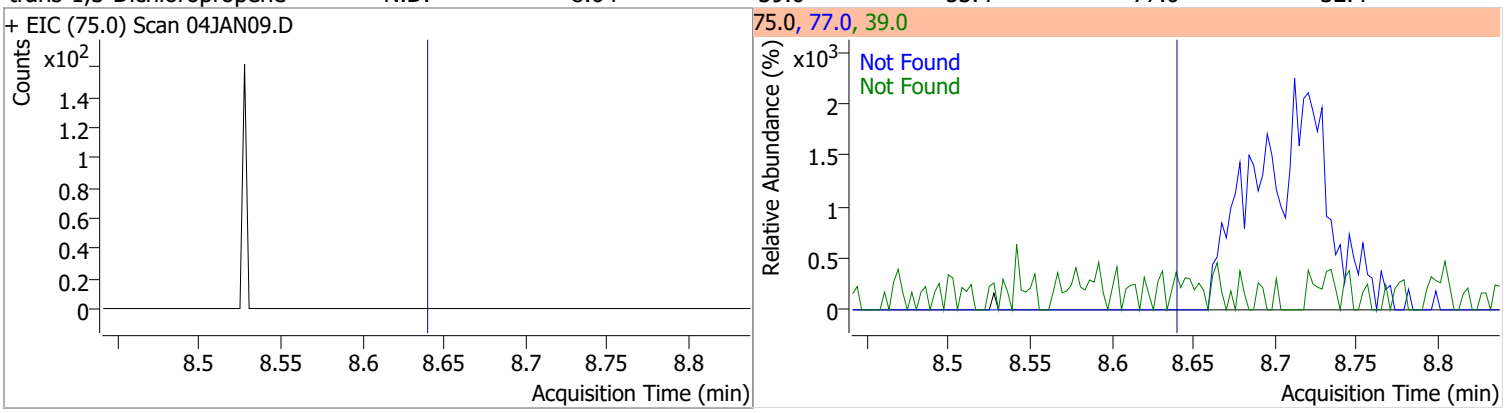
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.3436	8.32	0.00	770154	100.0	64.0	34.4	94.4
					99.0	9.8	0.0	39.6



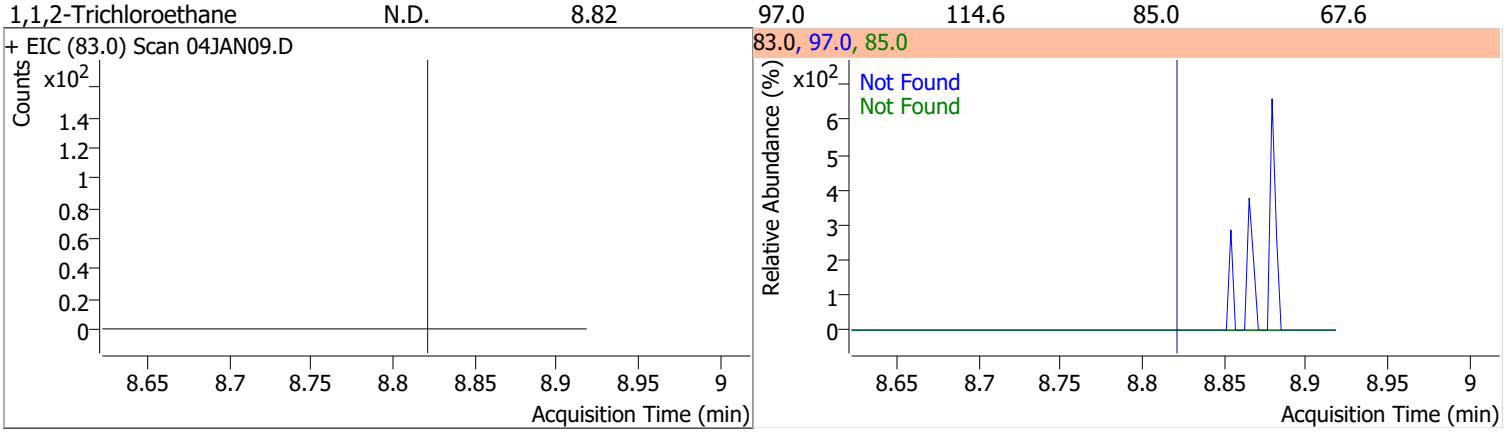
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	175.8



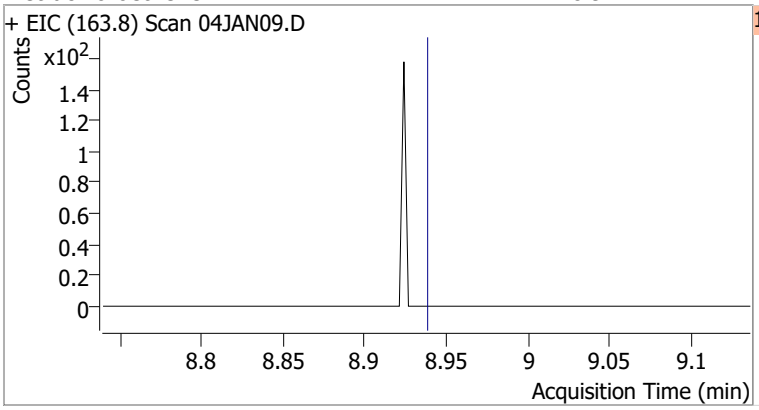
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

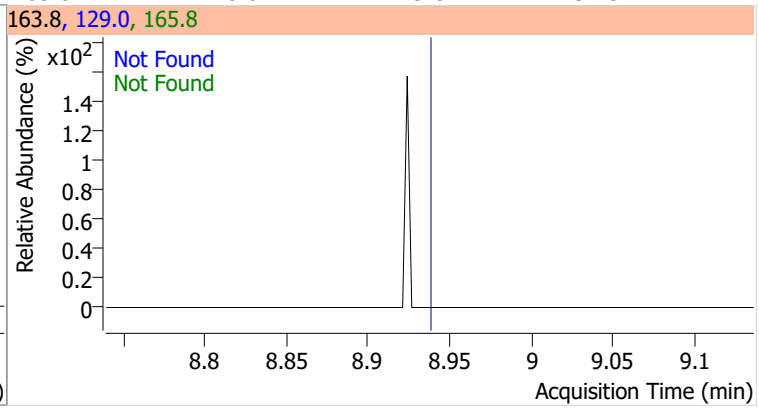


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

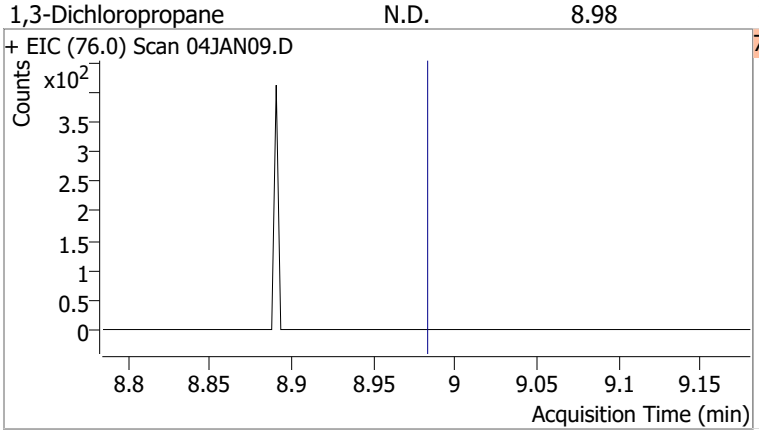


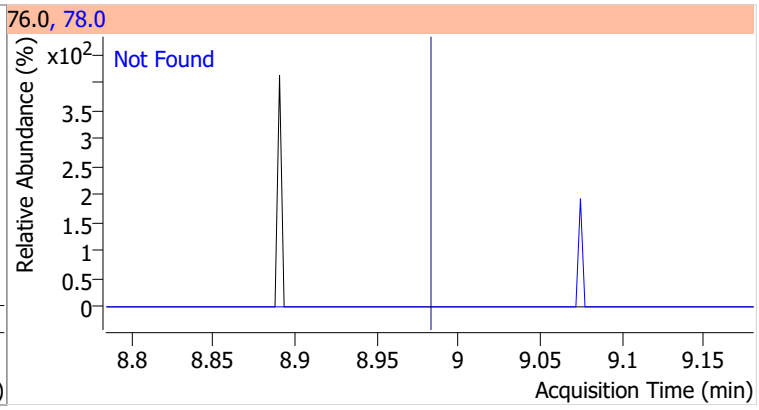
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



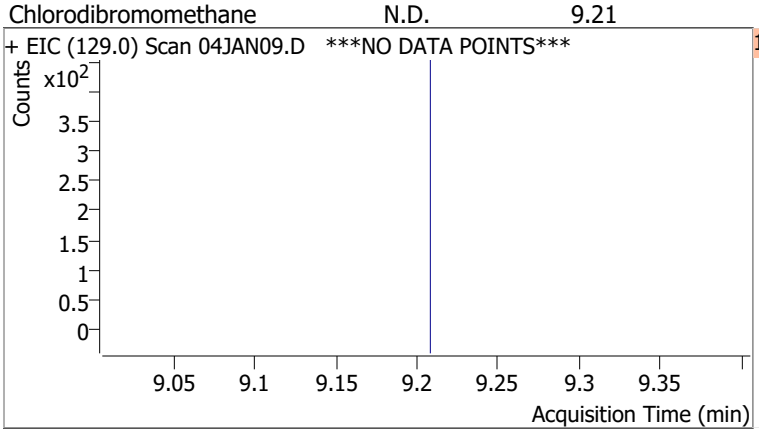


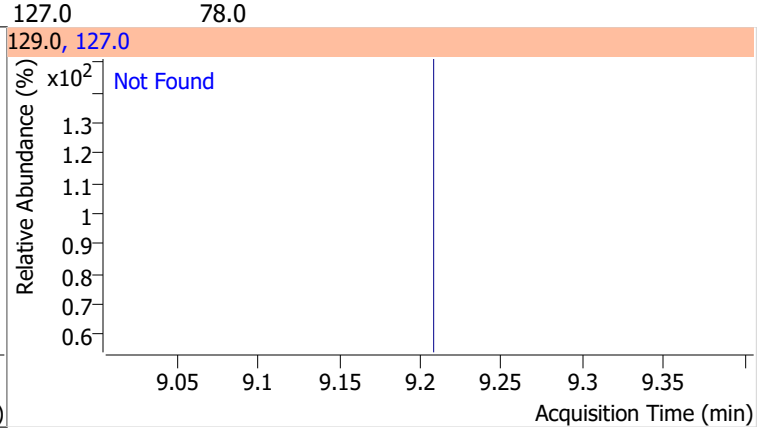
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



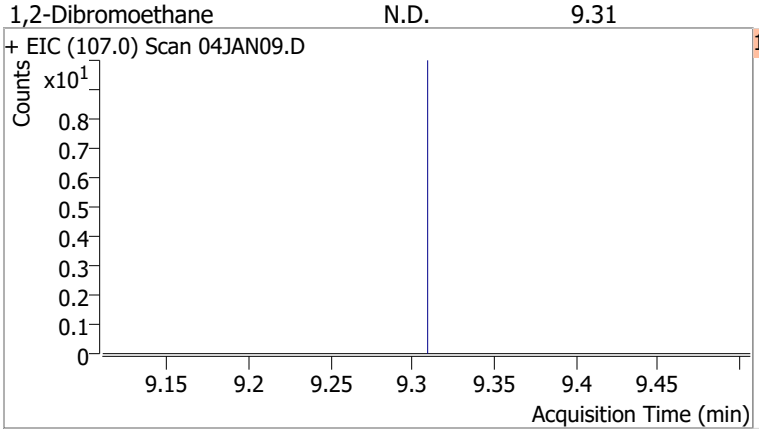


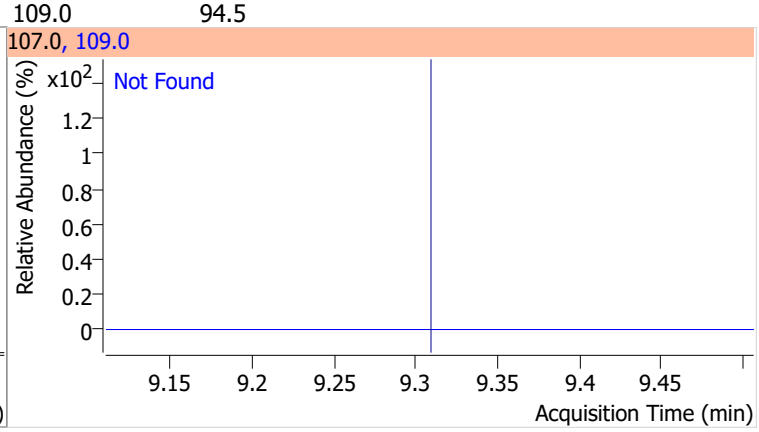
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



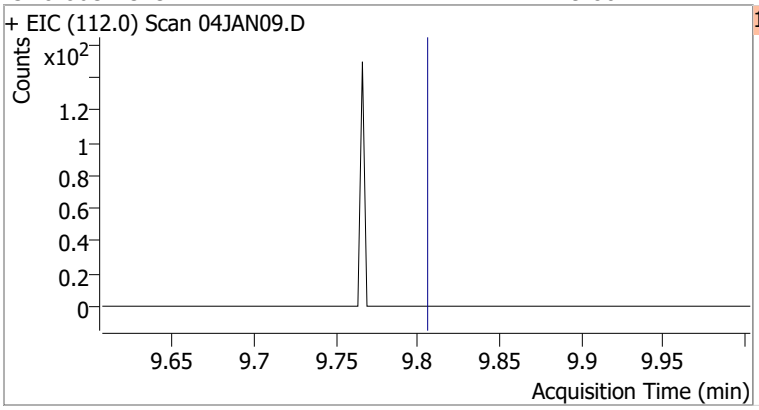


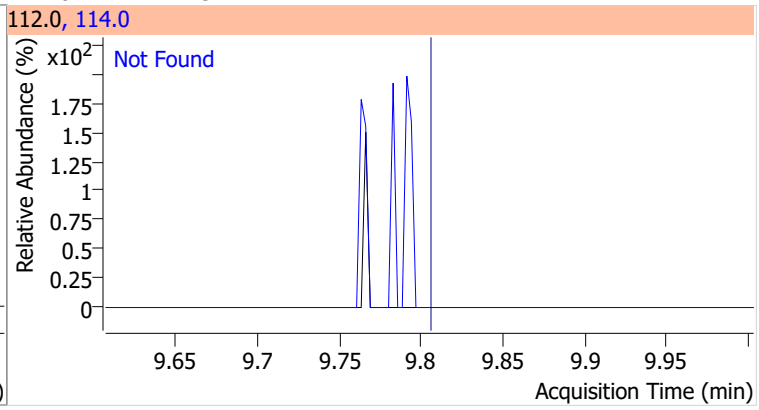
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



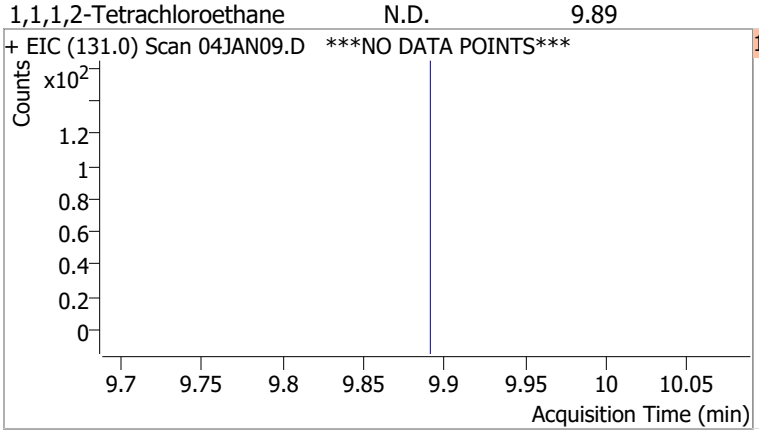


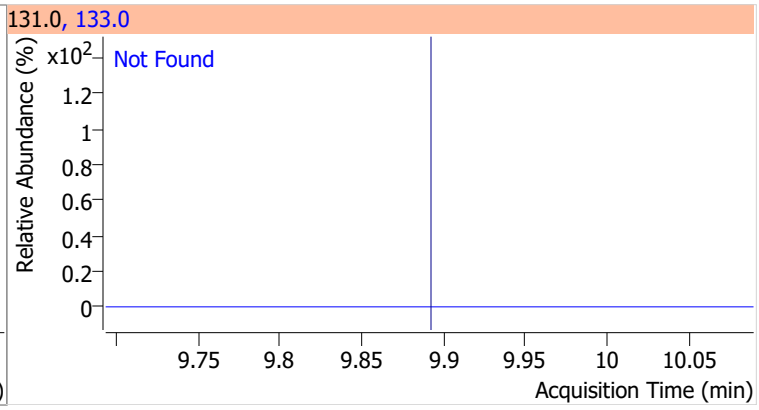
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



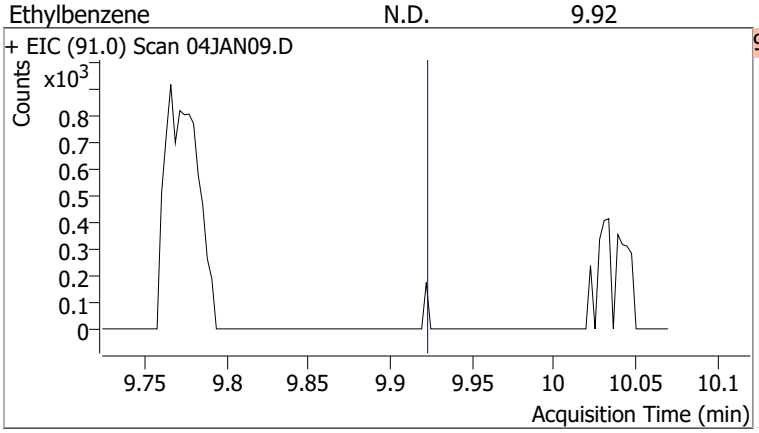


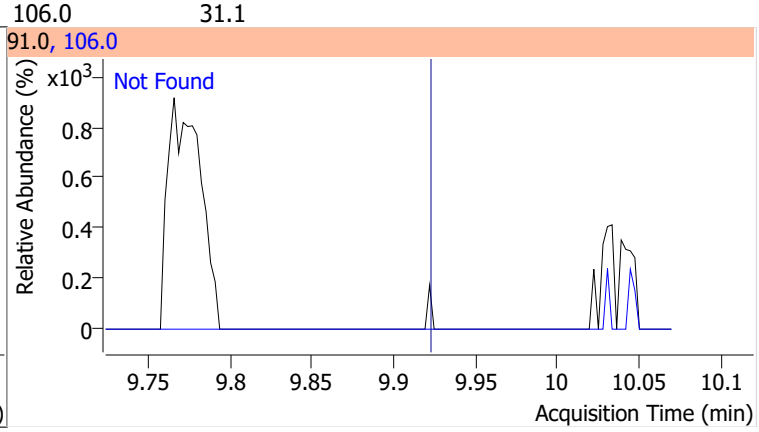
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



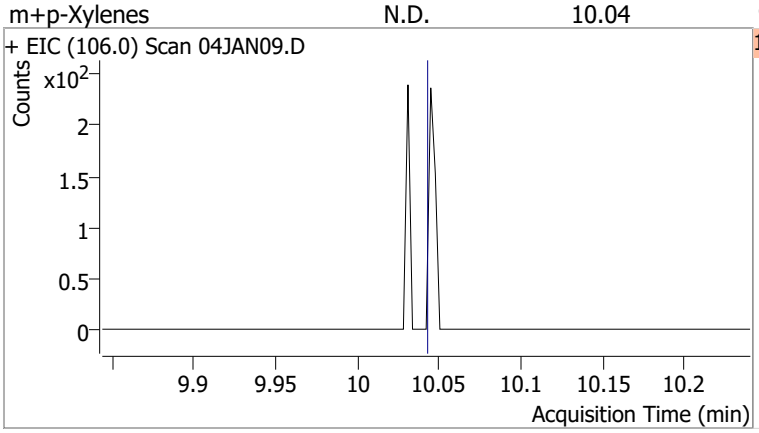


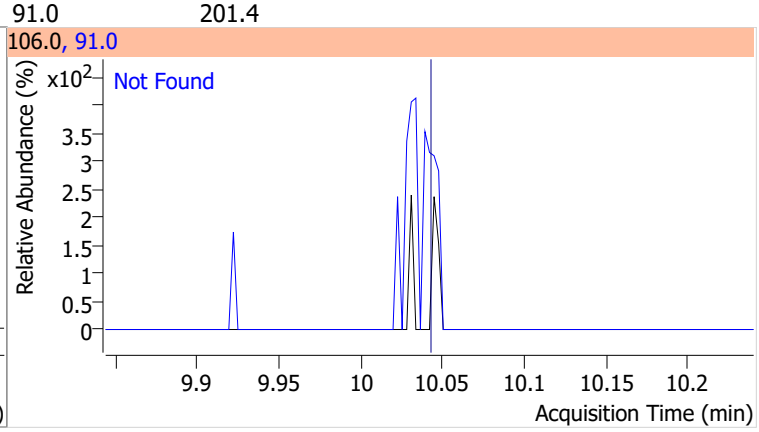
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



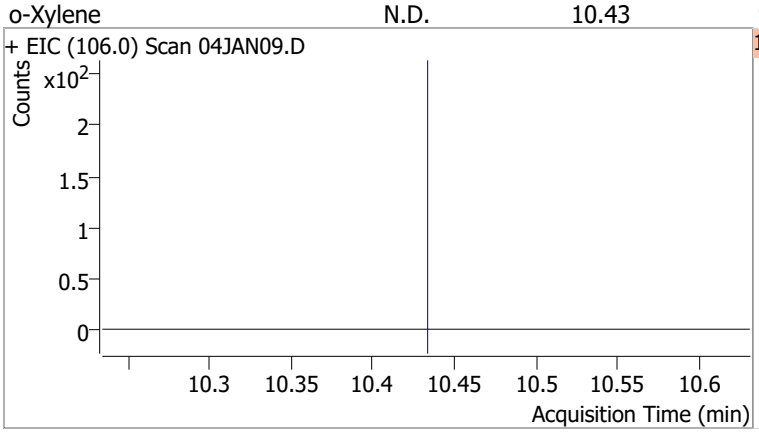


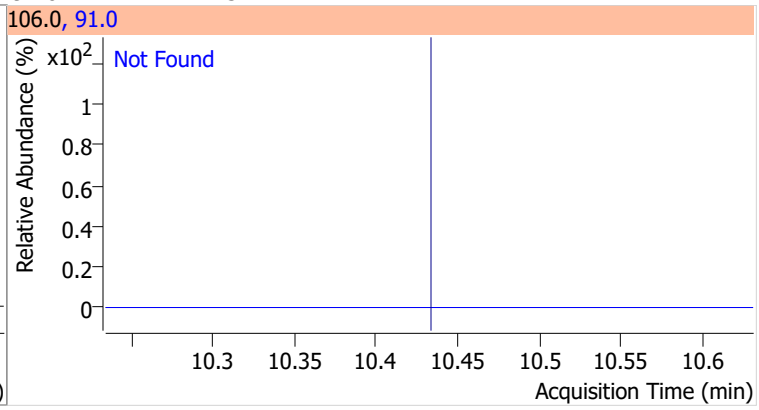
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



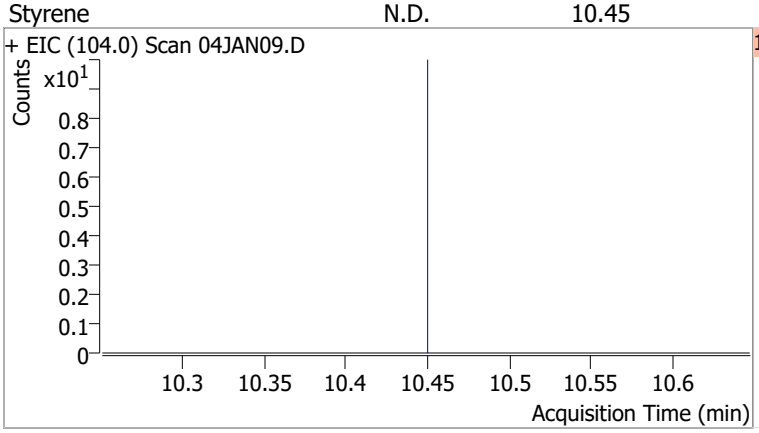


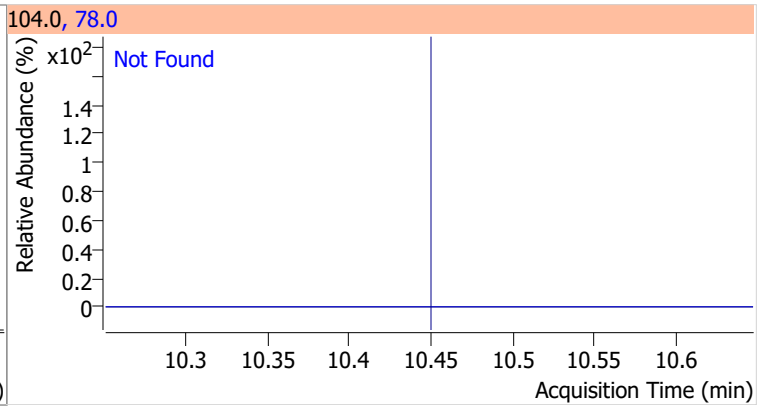
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



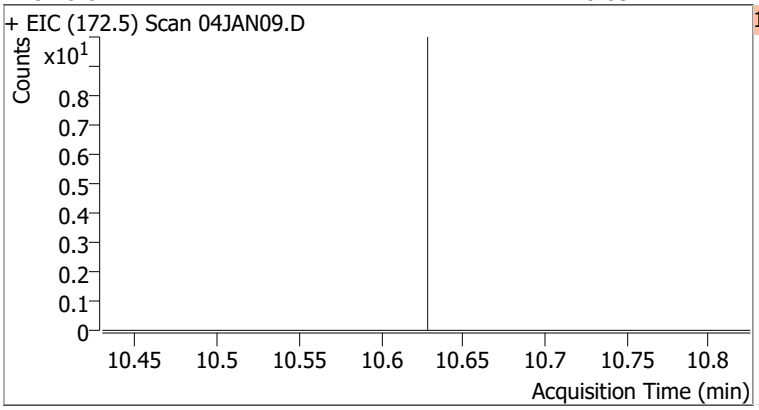


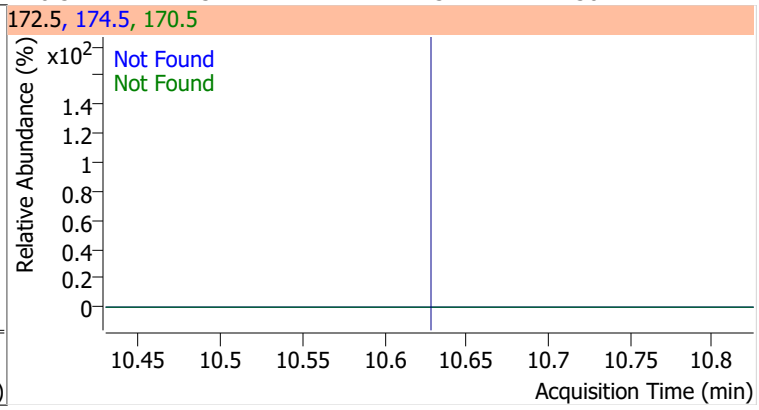
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



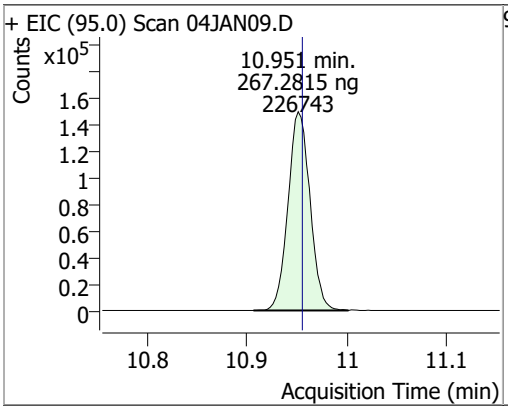


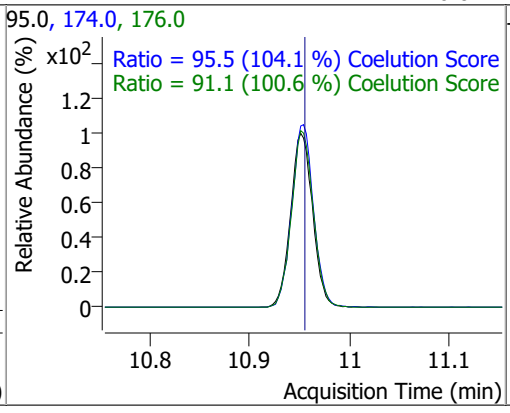
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

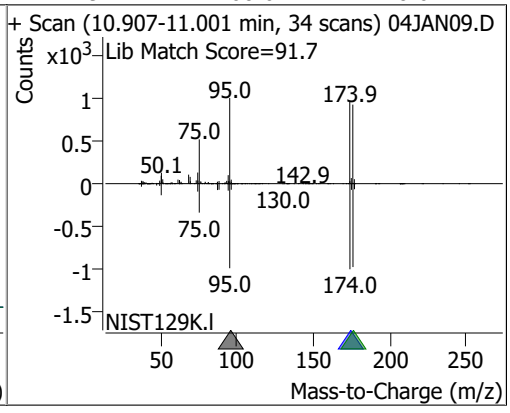




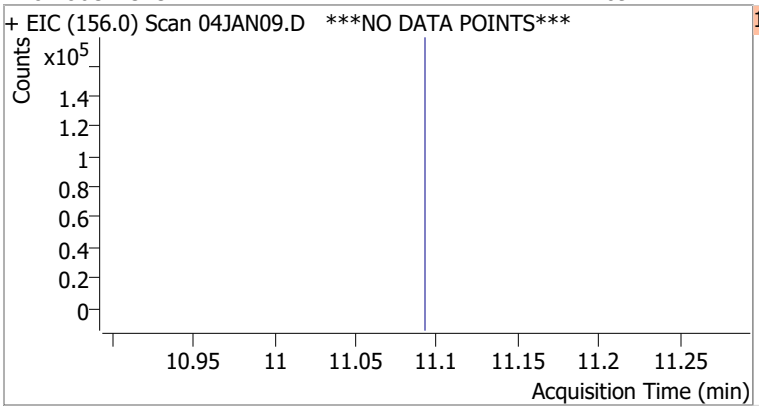
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	267.2815	10.95	0.00	226743	174.0	95.5	61.7	121.7
					176.0	91.1	60.6	120.6

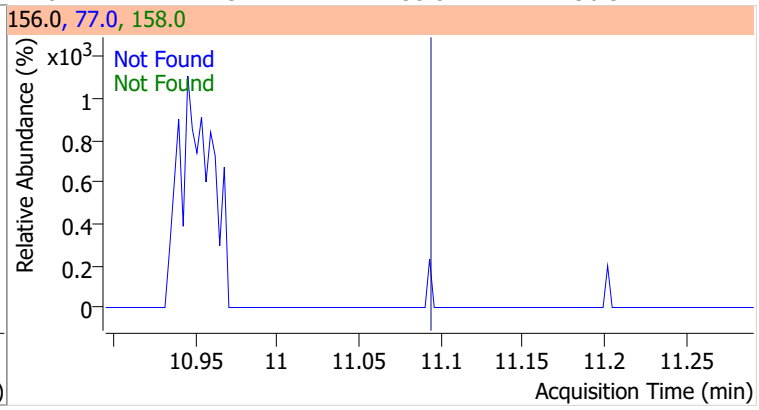




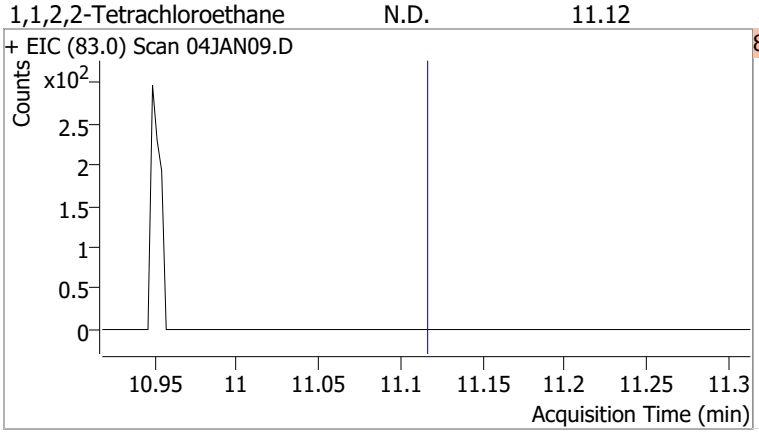


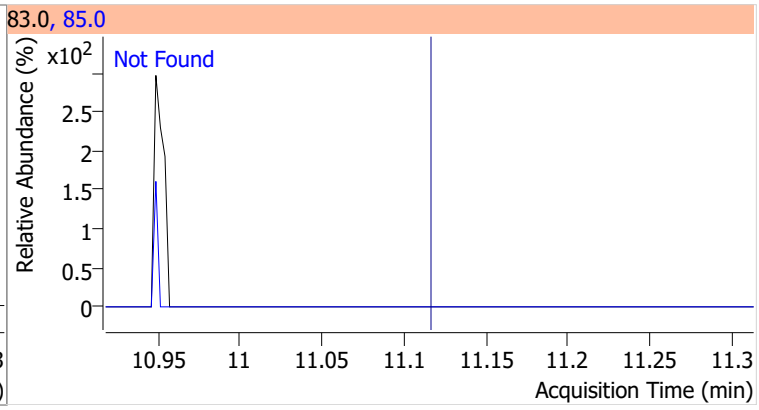
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



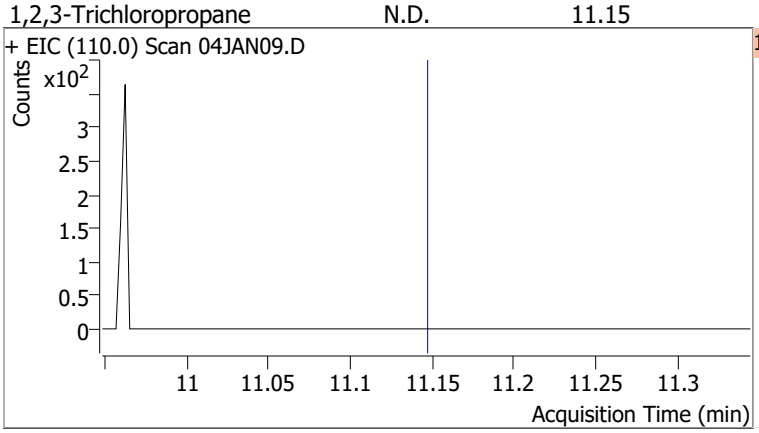


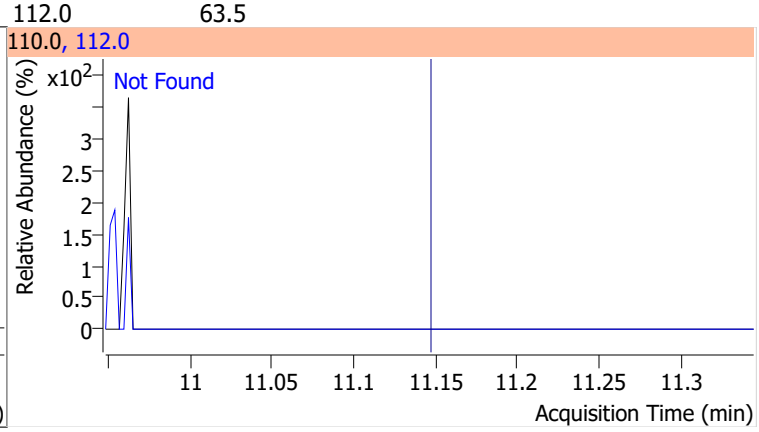
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



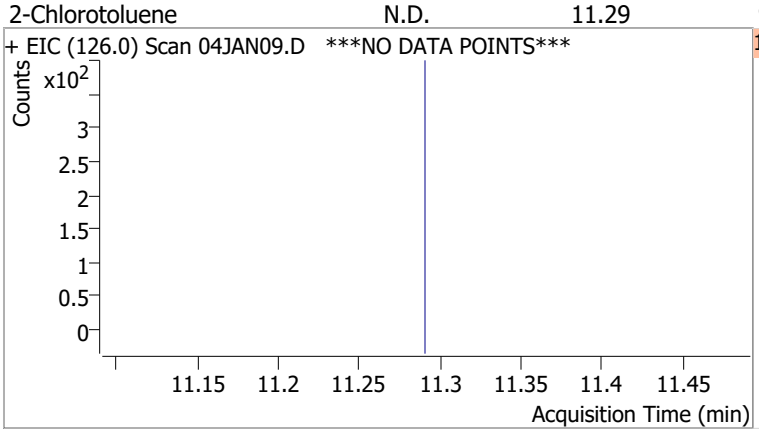


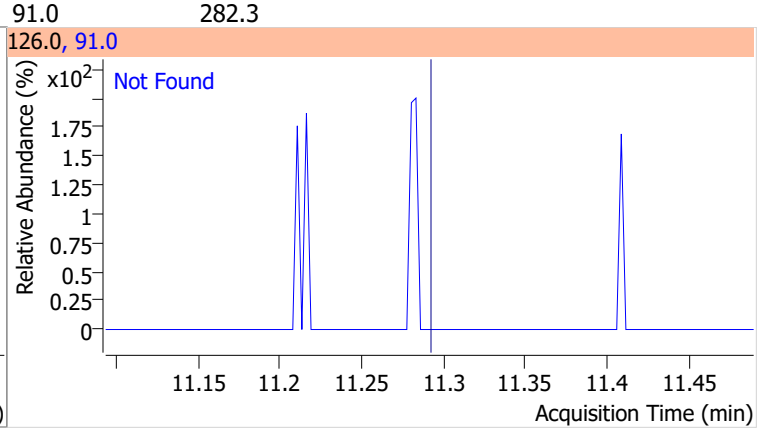
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



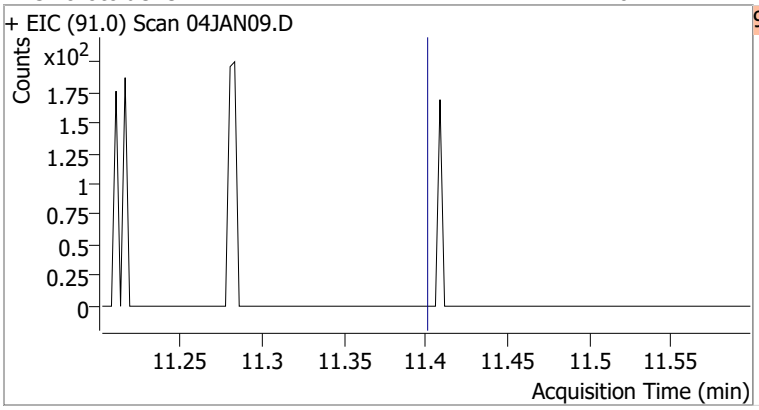


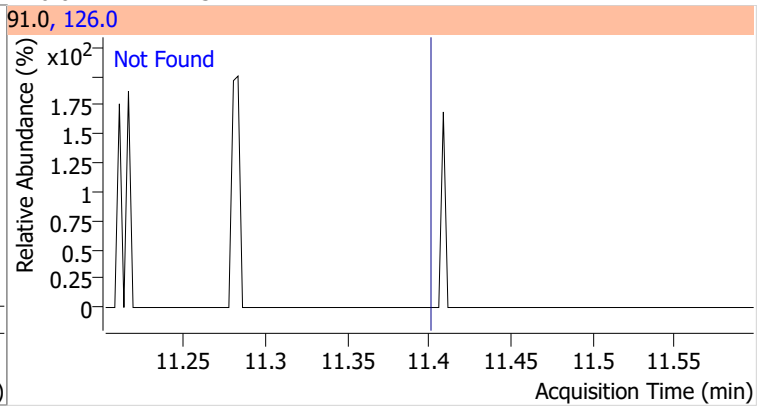
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



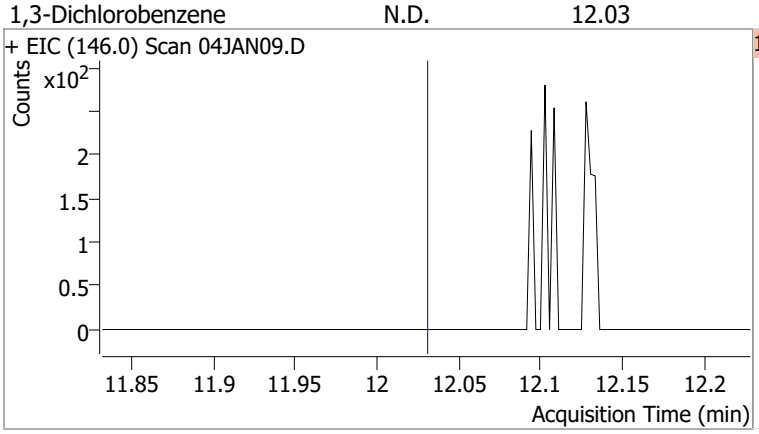


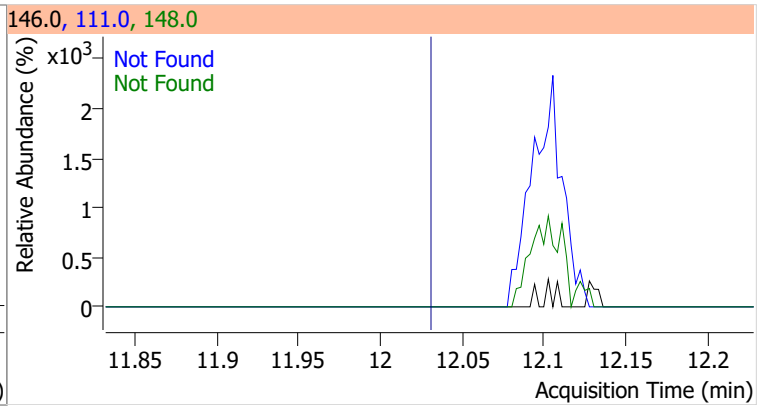
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



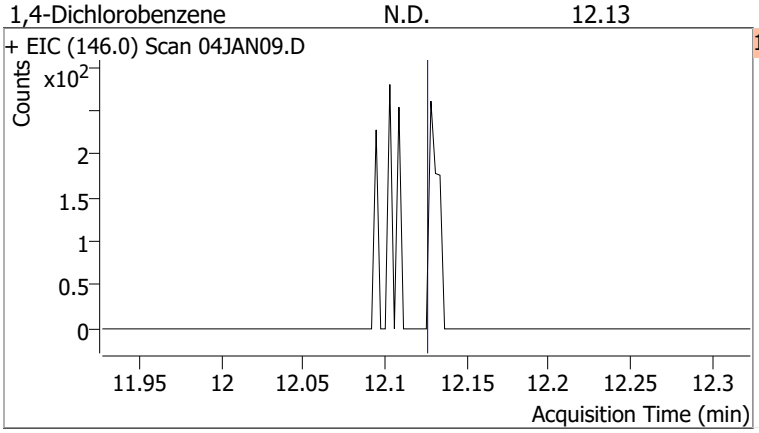


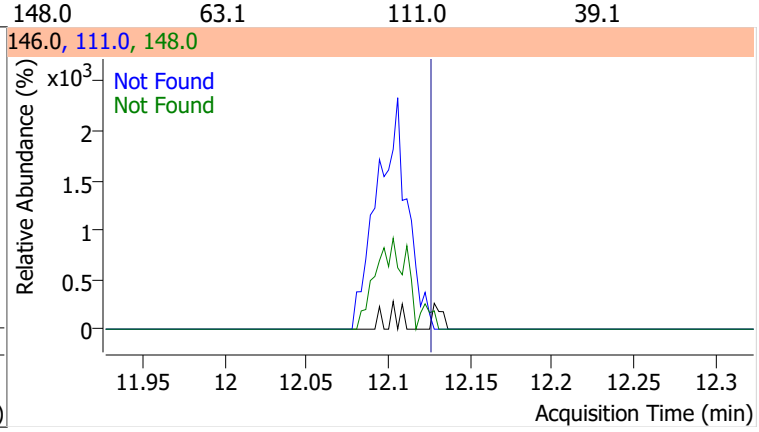
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



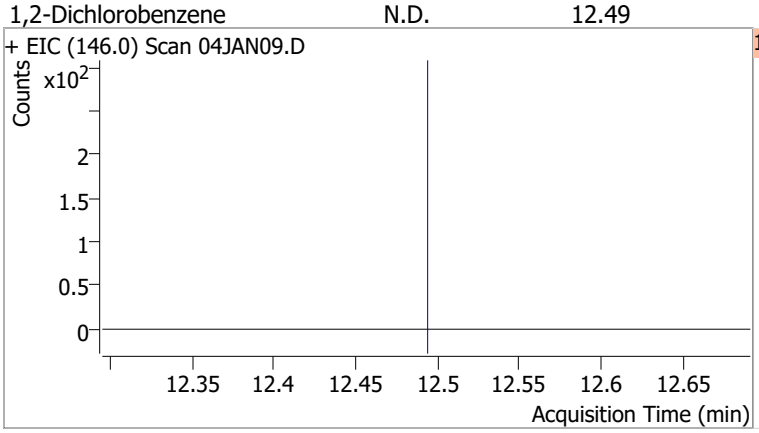


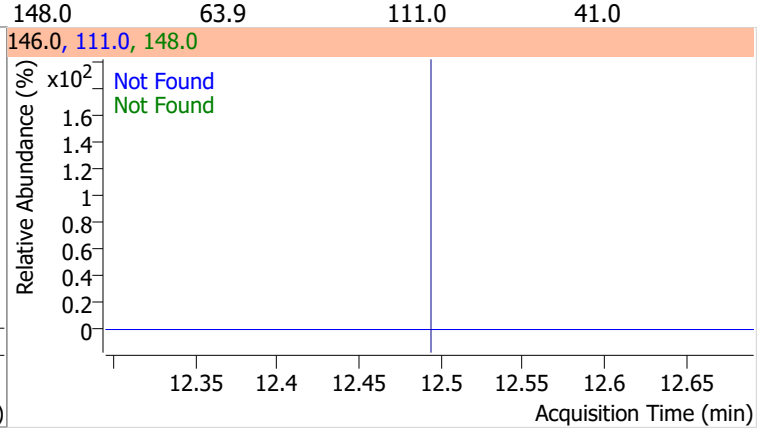
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0

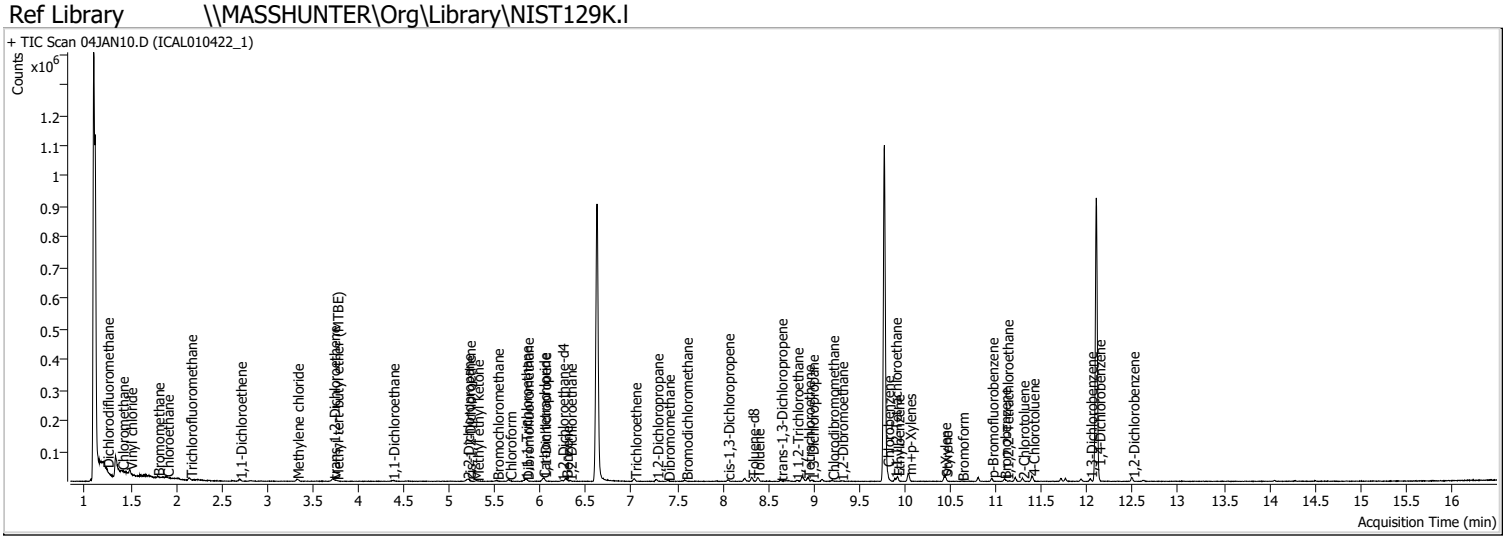




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04JAN10.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 3:33:04 PM
Sample Name	ICAL010422_1	Instrument	VOA5975C
Vial	10	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

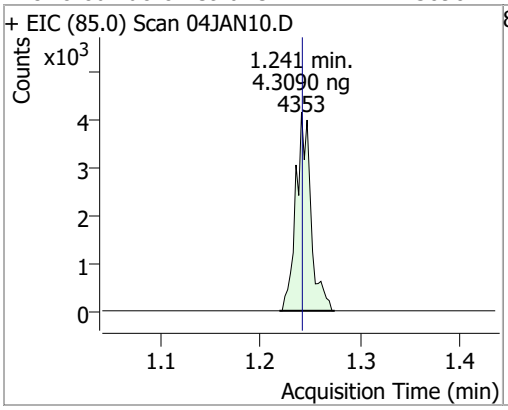


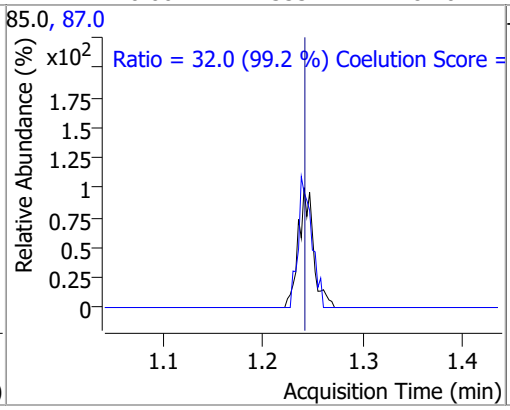
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	770895	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	296081	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	227879	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	2508	3.4533	ng	m	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 1.38%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	923	2.9438	ng	m	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 1.18%		*	
S Toluene-d8	8.322	98.0	7777	2.7257	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 1.09%		*	
S p-Bromofluorobenzene	10.951	95.0	2719	3.2569	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 1.30%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	4353	4.3090	ng		99
T Chloromethane	1.406	50.0	7435	6.0637	ng		83
T Vinyl chloride	1.495	62.0	4274	3.8739	ng		94
T Bromomethane	1.796	96.0	1902	3.8547	ng	m	88
T Chloroethane	1.899	64.0	2178	3.9871	ng	m	86
T Trichlorofluoromethane	2.153	101.0	5030	3.6731	ng		91
T 1,1-Dichloroethene	2.700	96.0	2084	2.6839	ng	m	95
T Methylene chloride	3.324	49.0	4095	3.5774	ng		88
T trans-1,2-Dichloroethene	3.723	96.0	2146	2.7090	ng	m	100
T Methyl tert-butyl ether (MTBE)	3.759	73.0	2717	2.6532	ng	m	90
T 1,1-Dichloroethane	4.376	63.0	3892	2.6393	ng		91
T 2,2-Dichloropropane	5.196	77.0	2930	2.6520	ng	m	88
T cis-1,2-Dichloroethene	5.212	96.0	2376	2.9581	ng	m	95
T Methyl ethyl ketone	5.302	43.0	3035	27.8967	ng		85
T Bromochloromethane	5.522	128.0	807	2.4260	ng	m	82
T Chloroform	5.659	83.0	4248	2.8946	ng		97

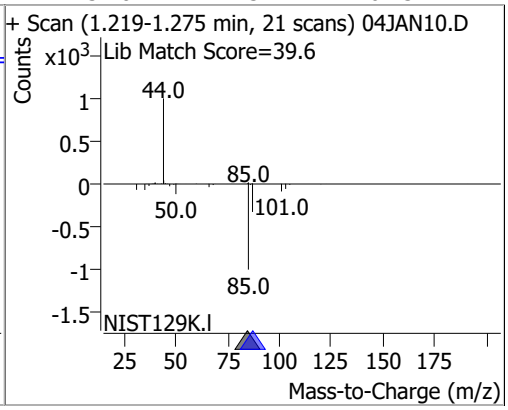
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	3510	2.5521	ng		99
T Carbon tetrachloride	6.029	117.0	4342	3.2043	ng		77
T 1,1-Dichloropropene	6.041	75.0	2830	2.4201	ng		91
T Benzene	6.278	78.0	8408	2.7393	ng		98
T 1,2-Dichloroethane	6.322	62.0	2415	2.9090	ng	m	96
T Trichloroethene	7.033	95.0	2372	2.6564	ng	m	93
T 1,2-Dichloropropane	7.273	63.0	2148	2.7347	ng		93
T Dibromomethane	7.396	93.0	902	2.7162	ng	m	88
T Bromodichloromethane	7.597	83.0	2536	2.7684	ng		98
T cis-1,3-Dichloropropene	8.054	75.0	2583	2.4939	ng		94
T Toluene	8.380	92.0	5039	2.6145	ng		93
T trans-1,3-Dichloropropene	8.634	75.0	1470	1.9942	ng	m	83
T 1,1,2-Trichloroethane	8.810	83.0	960	2.5012	ng	m	89
T Tetrachloroethene	8.932	163.8	2105	2.6772	ng	m	95
T 1,3-Dichloropropane	8.977	76.0	2257	2.9881	ng		77
T Chlorodibromomethane	9.203	129.0	1468	2.4461	ng	m	100
T 1,2-Dibromoethane	9.300	107.0	1299	3.0943	ng	m	85
T Chlorobenzene	9.805	112.0	5771	2.7350	ng		100
T 1,1,1,2-Tetrachloroethane	9.889	131.0	1893	2.5659	ng	m	98
T Ethylbenzene	9.920	91.0	9283	2.5367	ng		93
T m+p-Xylenes	10.045	106.0	7212	5.0712	ng		88
T o-Xylene	10.430	106.0	3330	2.6303	ng	#	80
T Styrene	10.444	104.0	4408	2.1625	ng		98
T Bromoform	10.625	172.5	708	2.4287	ng	m	87
T Bromobenzene	11.088	156.0	2024	2.7439	ng	m	94
T 1,1,2,2-Tetrachloroethane	11.113	83.0	1142	2.6916	ng	m	92
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	11.292	126.0	1844	2.5124	ng	m	97
T 4-Chlorotoluene	11.400	91.0	5419	2.2650	ng		96
T 1,3-Dichlorobenzene	12.033	146.0	3541	2.6327	ng		99
T 1,4-Dichlorobenzene	12.125	146.0	3787	2.7613	ng		90
T 1,2-Dichlorobenzene	12.499	146.0	3104	2.7307	ng		96

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

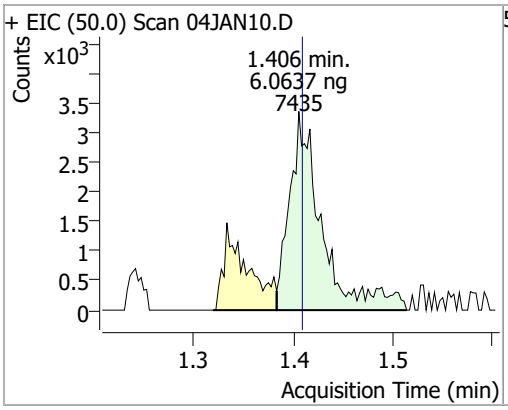
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	4.3090	1.24	0.00	4353	87.0	32.0	2.3	62.3

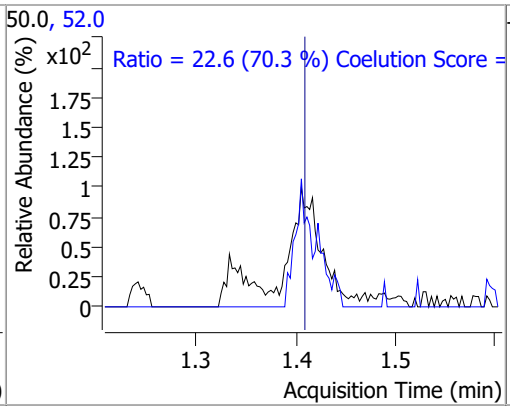


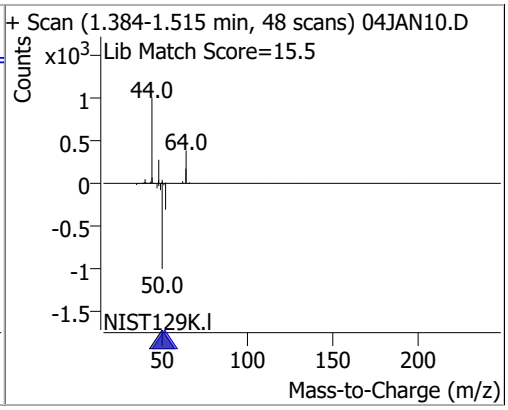




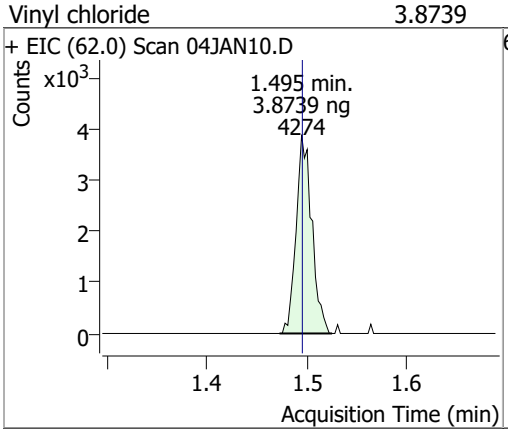
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	6.0637	1.41	0.00	7435	52.0	22.6	2.1	62.1

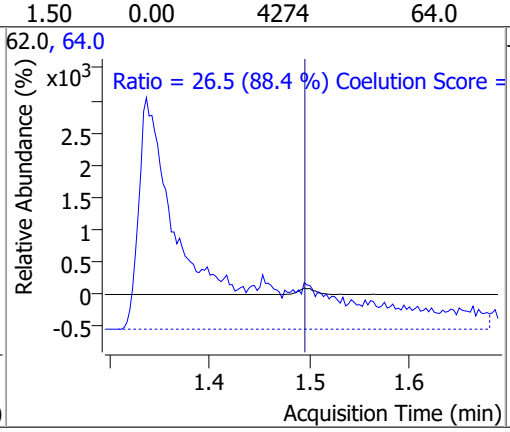


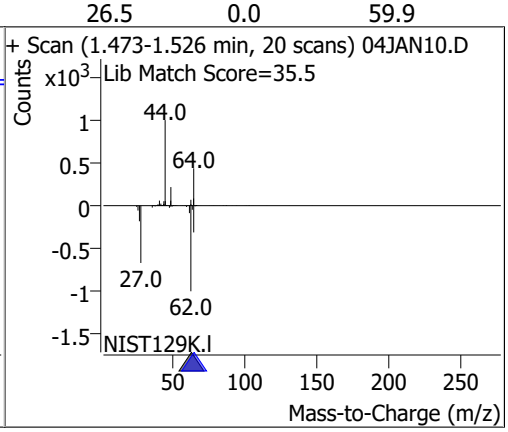




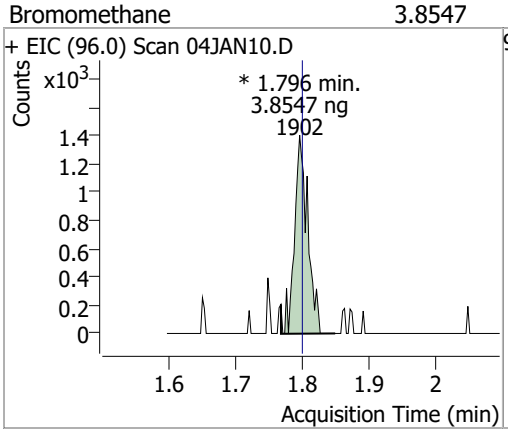
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	3.8739	1.50	0.00	4274	64.0	26.5	0.0	59.9

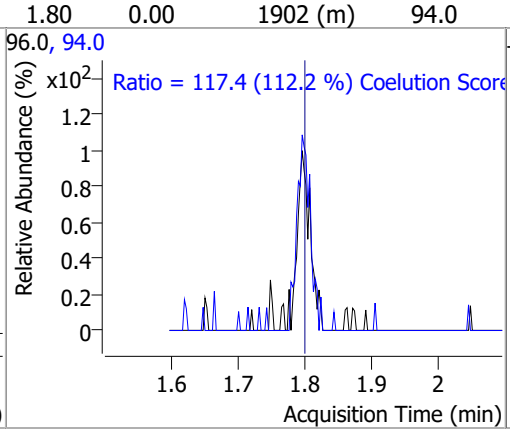


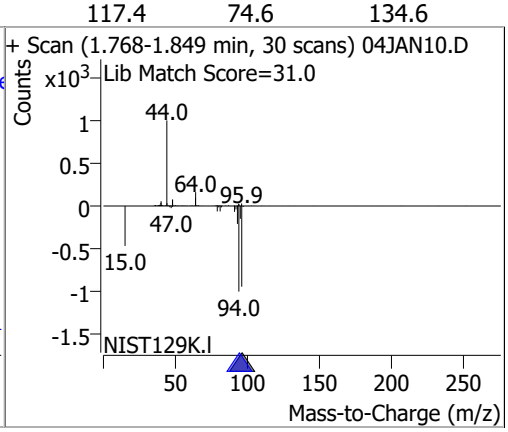




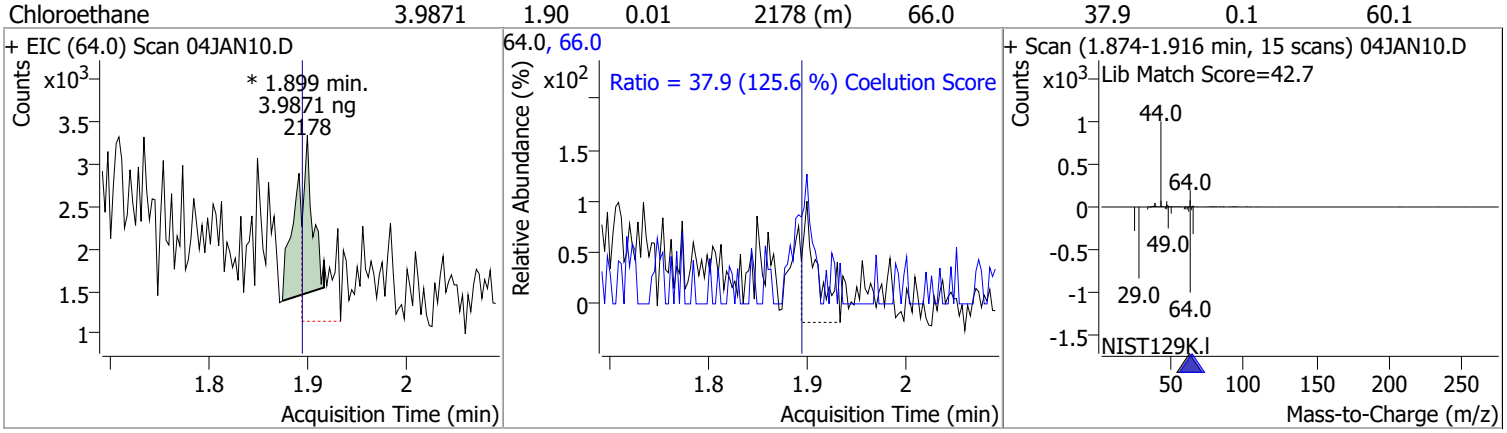
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	3.8547	1.80	0.00	1902 (m)	94.0	117.4	74.6	134.6



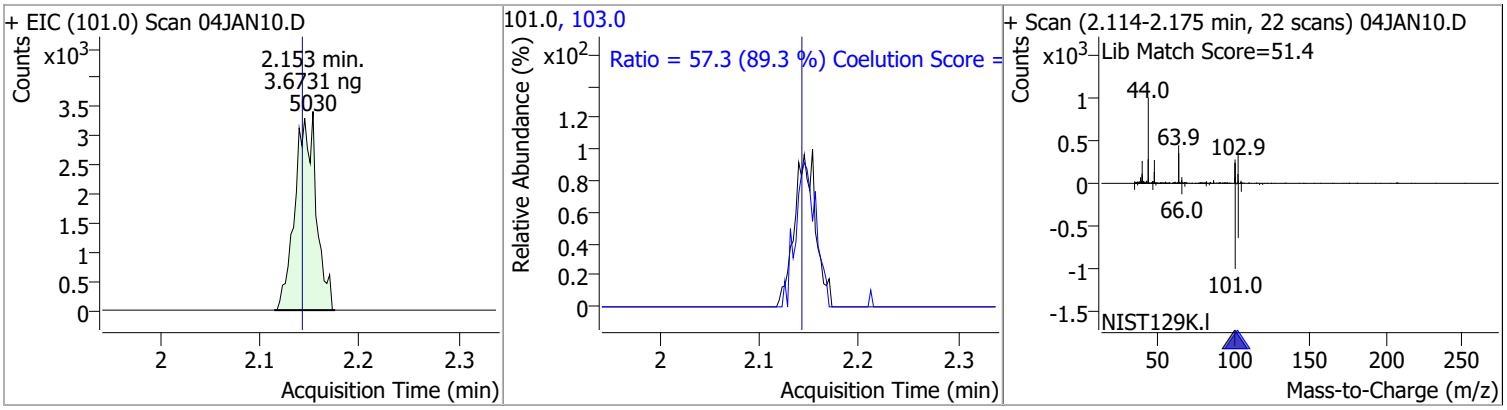




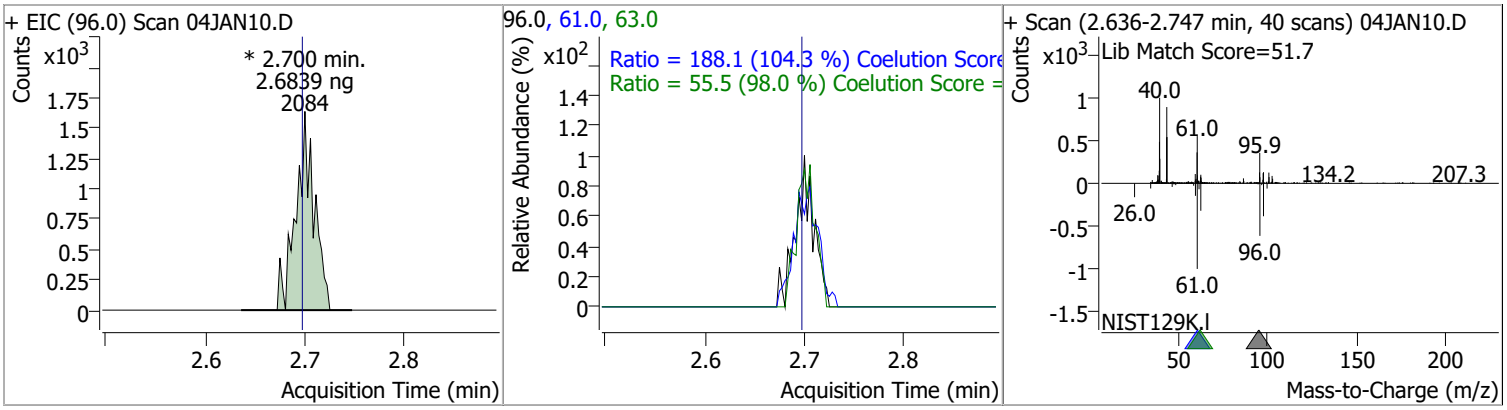
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	3.9871	1.90	0.01	2178 (m)	66.0	37.9	0.1	60.1



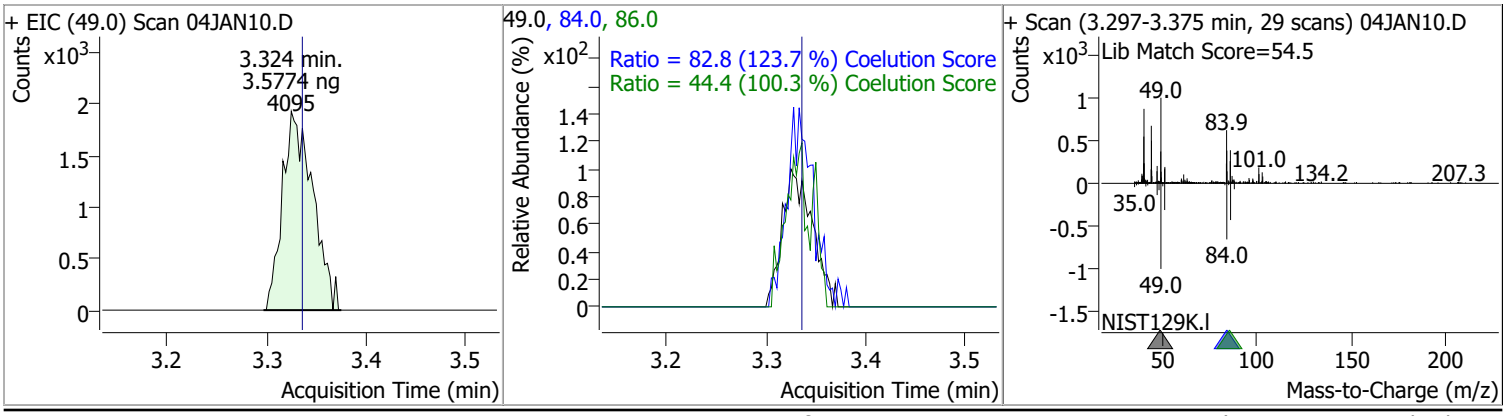
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	3.6731	2.15	0.01	5030	103.0	57.3	34.2	94.2



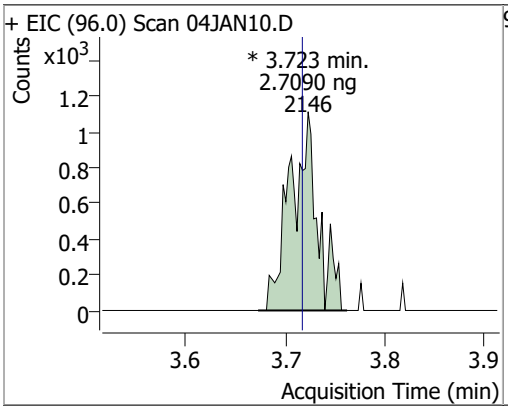
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	2.6839	2.70	0.00	2084 (m)	61.0	188.1	150.3	210.3
					63.0	55.5	26.7	86.7

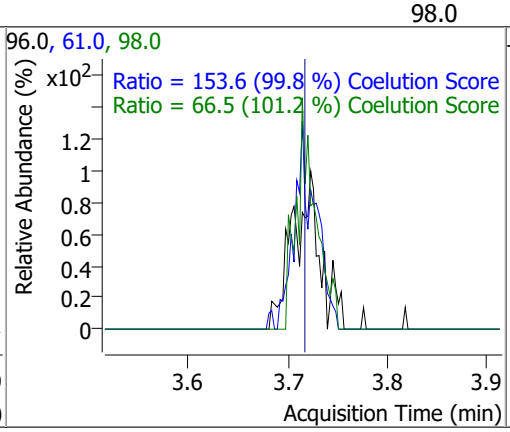


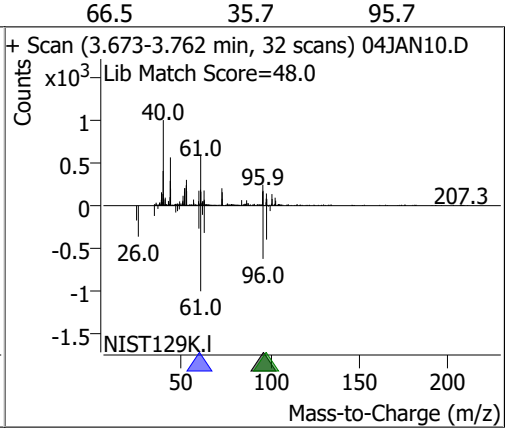
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	3.5774	3.32	-0.01	4095	84.0	82.8	36.9	96.9
					86.0	44.4	14.3	74.3



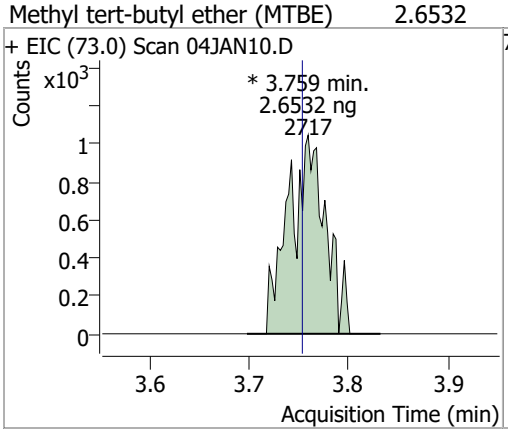
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	2.7090	3.72	0.01	2146 (m)	61.0	153.6	123.9	183.9
					98.0	66.5	35.7	95.7

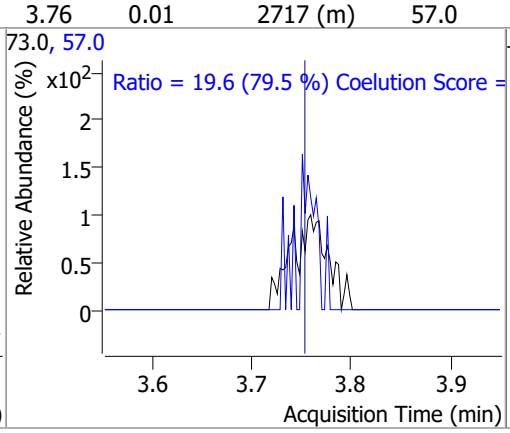


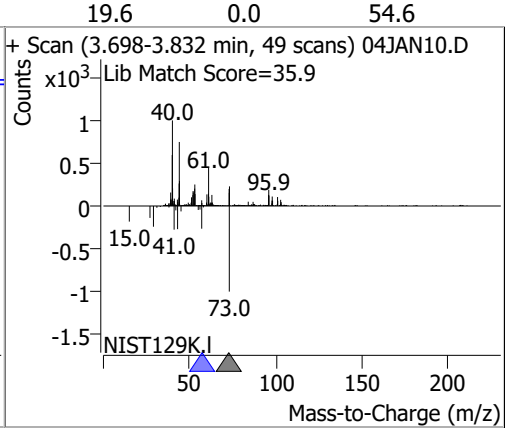




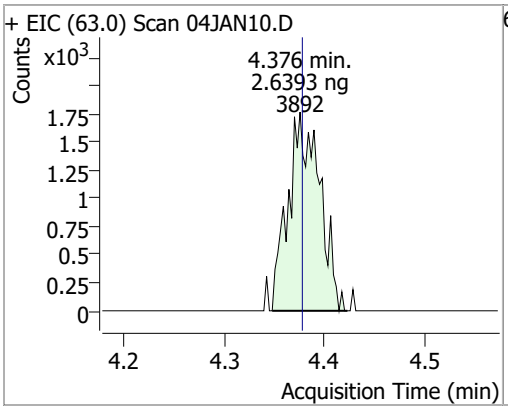
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	2.6532	3.76	0.01	2717 (m)	57.0	19.6	0.0	54.6

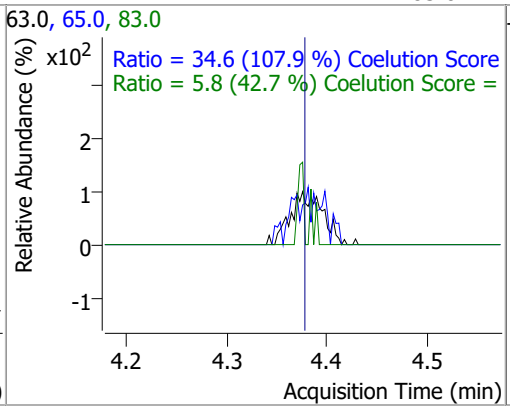


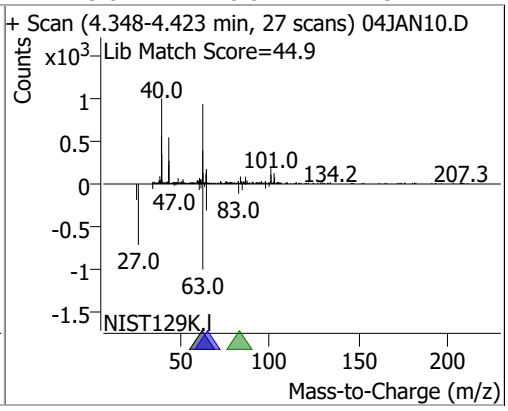




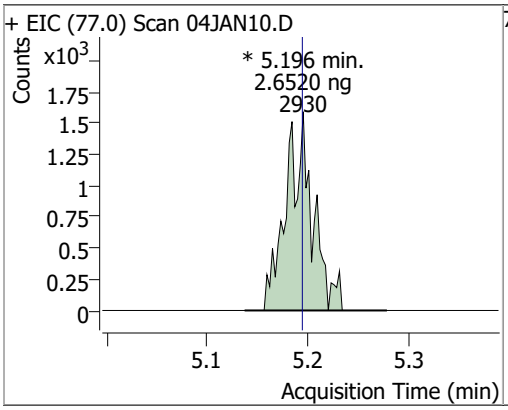
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	2.6393	4.38	0.00	3892	65.0	34.6	2.1	62.1
					83.0	5.8	0.0	43.7

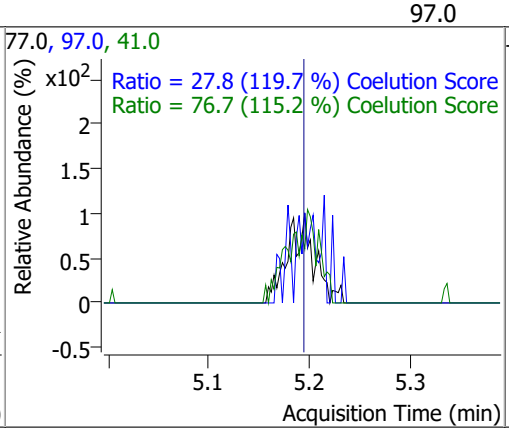


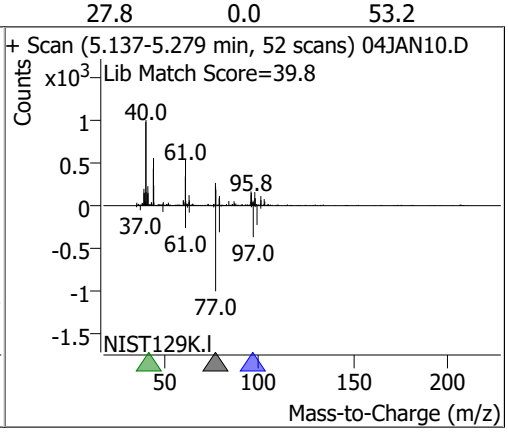




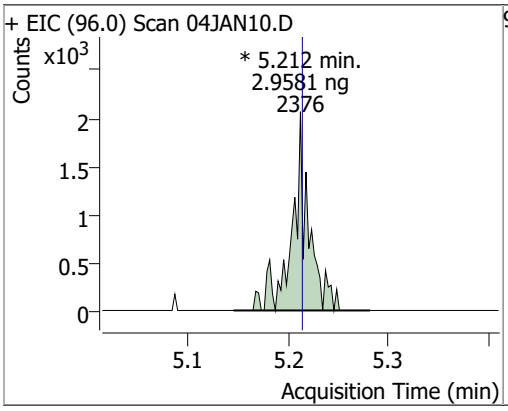
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	2.6520	5.20	0.00	2930 (m)	41.0	76.7	36.5	96.5
					97.0	27.8	0.0	53.2

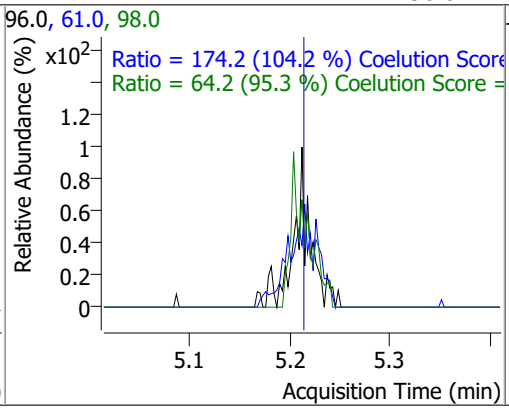


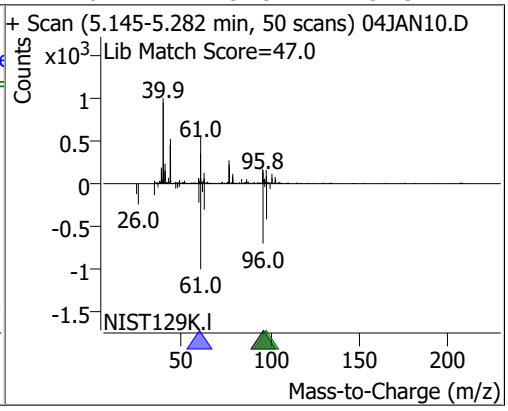




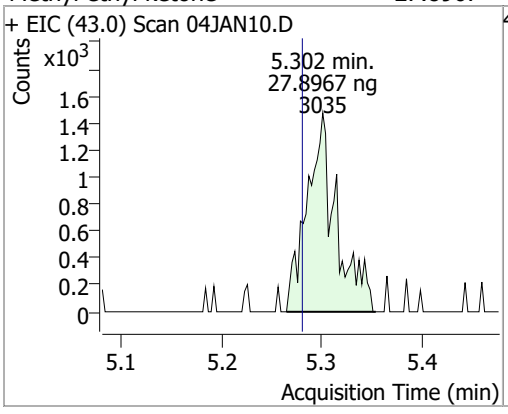
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	2.9581	5.21	0.00	2376 (m)	61.0	174.2	137.2	197.2
					98.0	64.2	37.3	97.3

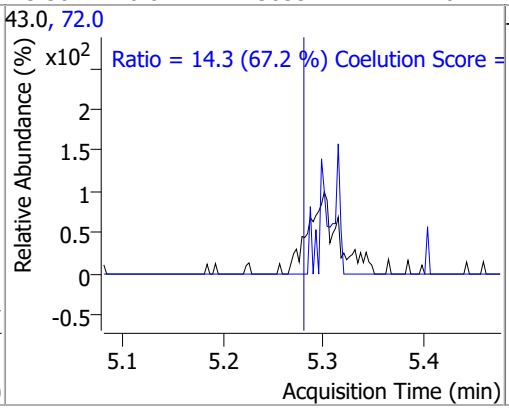


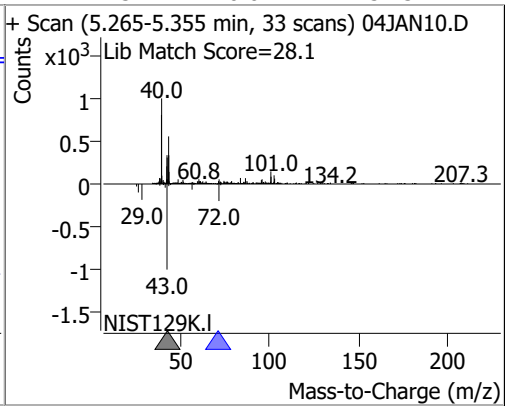




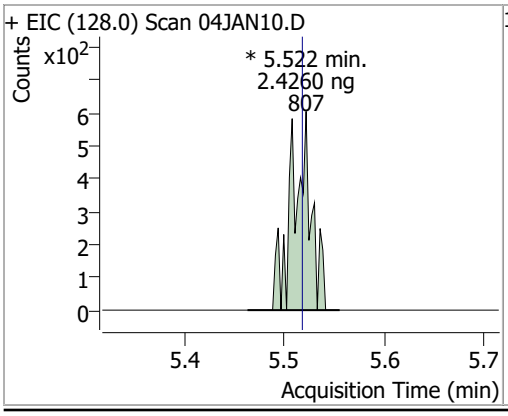
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	27.8967	5.30	0.02	3035	72.0	14.3	0.0	51.3

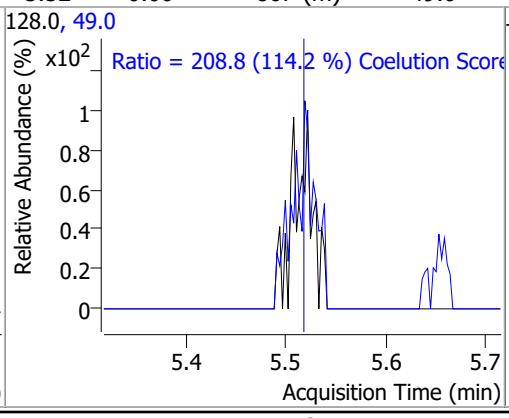


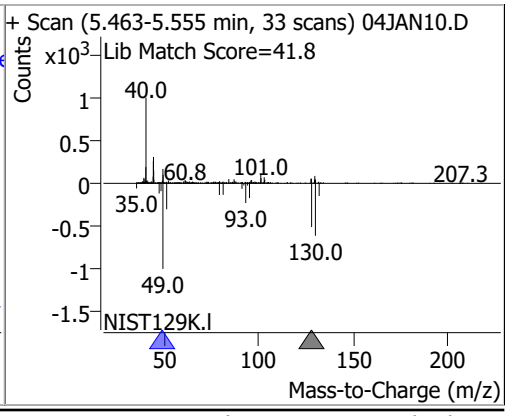




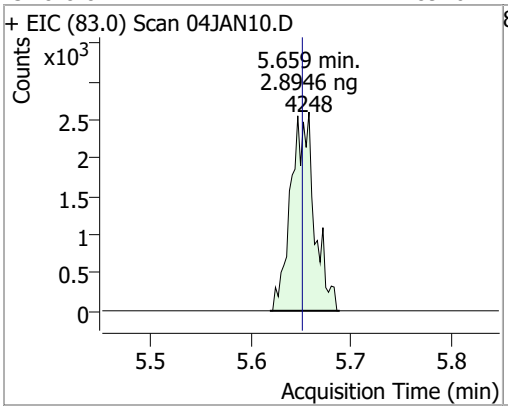
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	2.4260	5.52	0.00	807 (m)	49.0	208.8	152.9	212.9

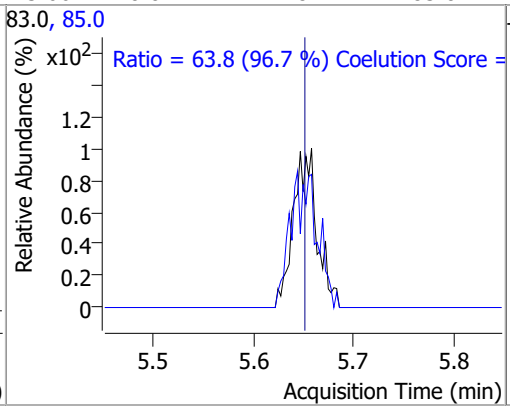


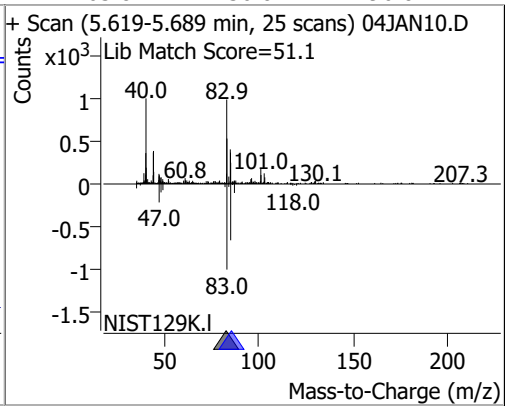




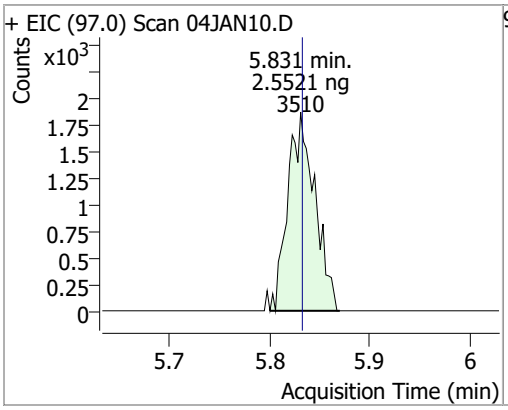
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	2.8946	5.66	0.01	4248	85.0	63.8	36.0	96.0

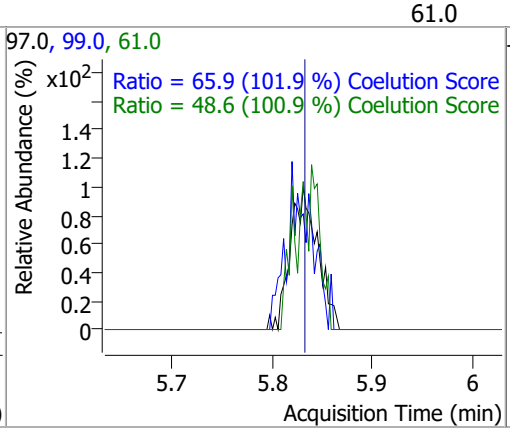


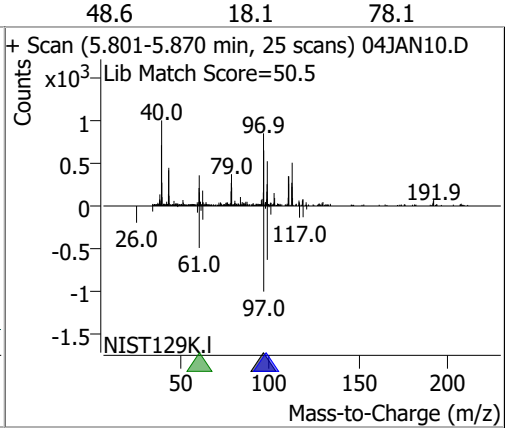




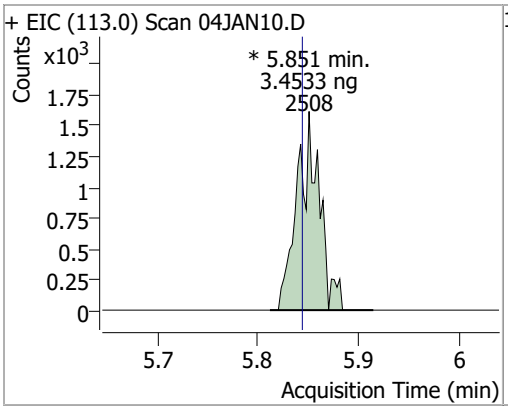
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	2.5521	5.83	0.00	3510	99.0	65.9	34.7	94.7
					61.0	48.6	18.1	78.1

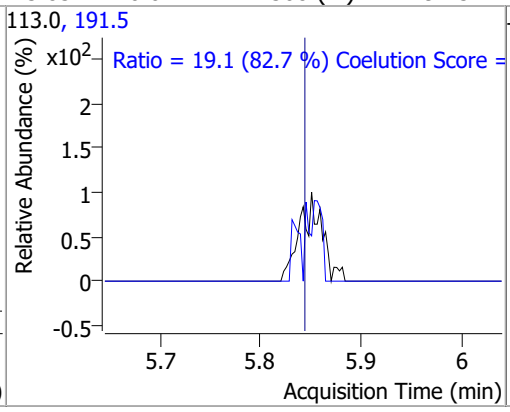


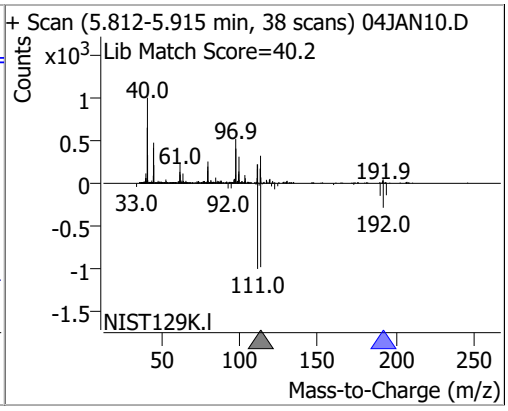




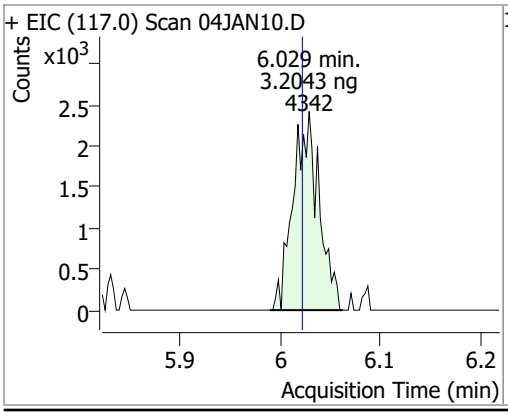
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	3.4533	5.85	0.01	2508 (m)	191.5	19.1	0.0	53.1

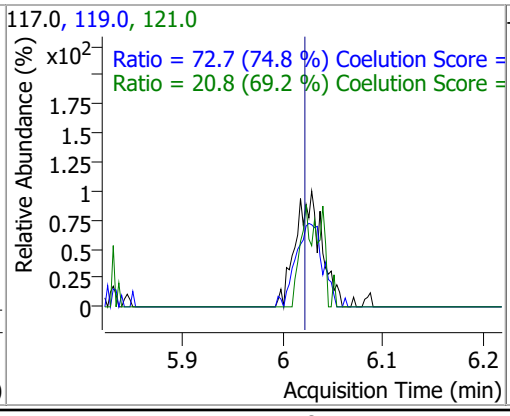


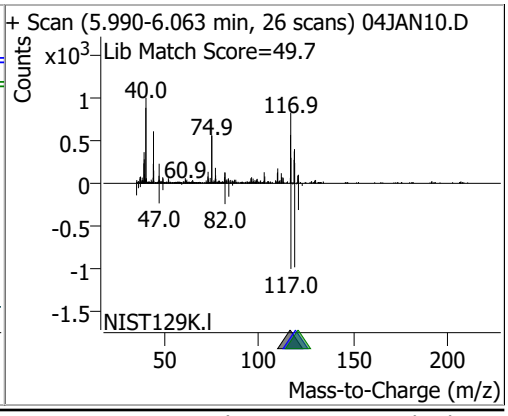




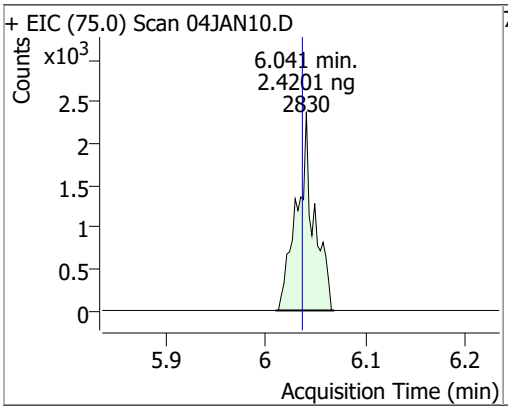
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	3.2043	6.03	0.01	4342	119.0	72.7	67.2	127.2
					121.0	20.8	0.1	60.1

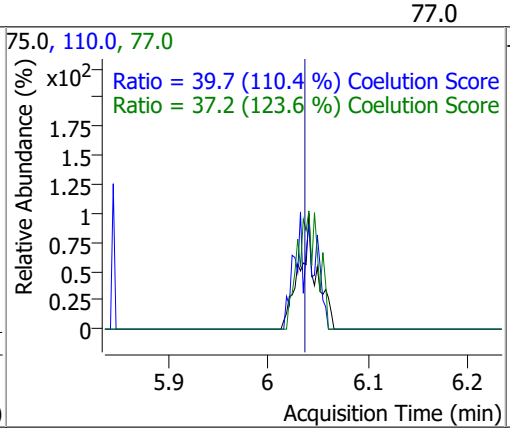


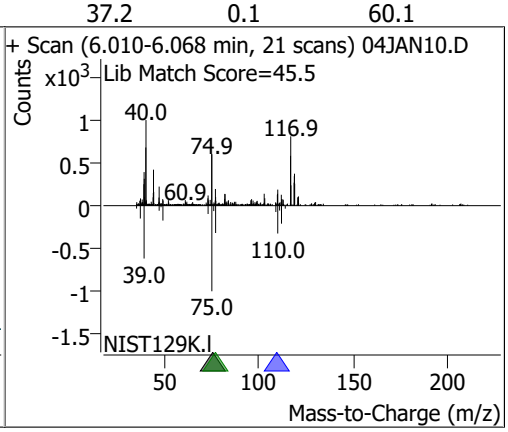




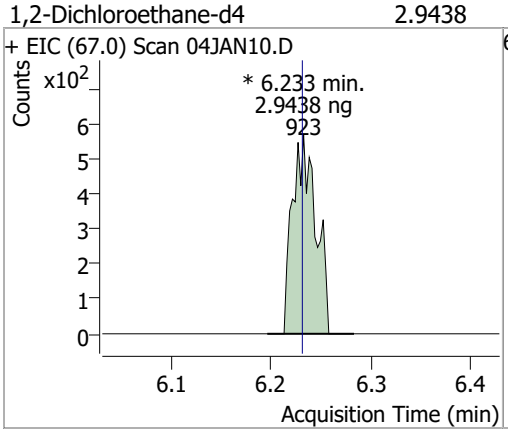
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	2.4201	6.04	0.00	2830	110.0	39.7	5.9	65.9
					77.0	37.2	0.1	60.1

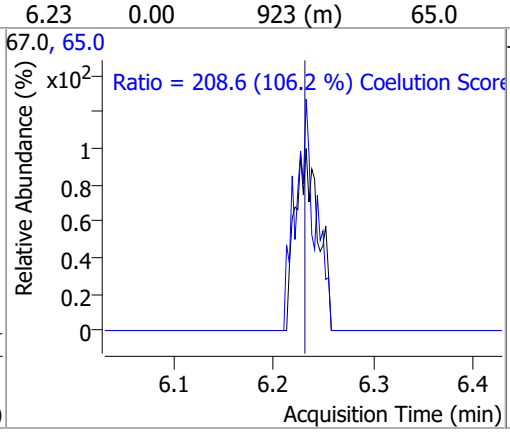


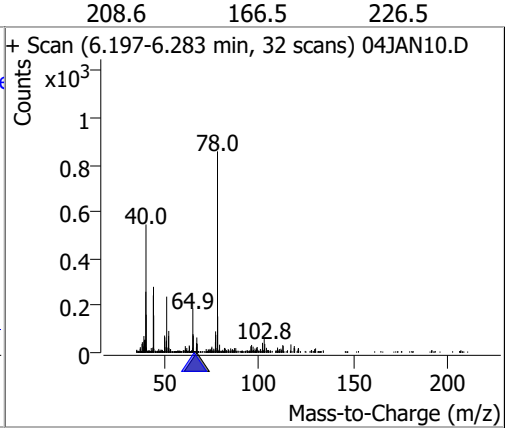




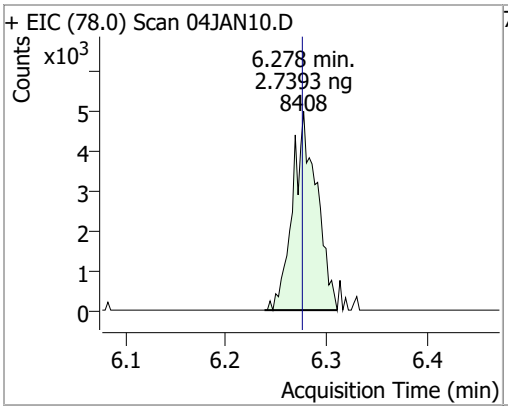
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	2.9438	6.23	0.00	923 (m)	65.0	208.6	166.5	226.5

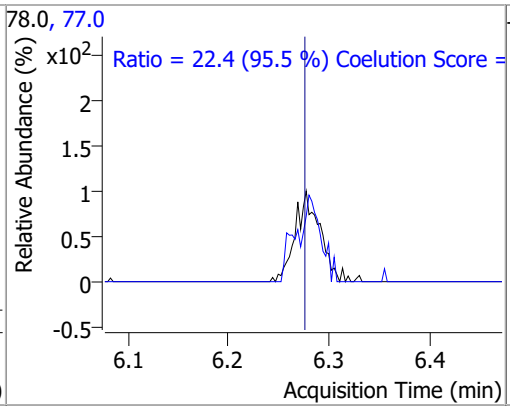


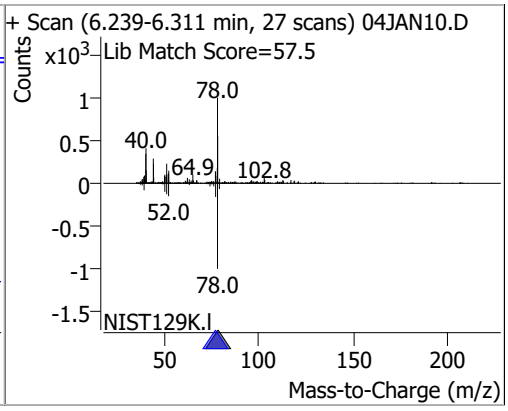




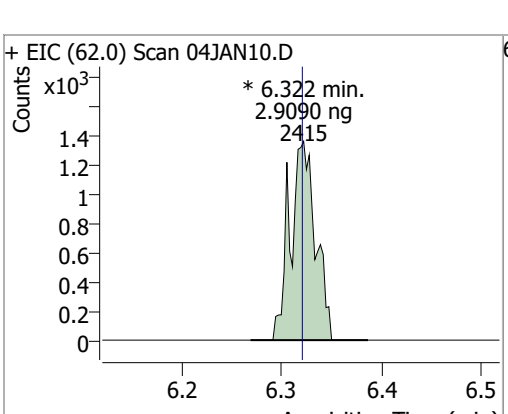
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.7393	6.28	0.00	8408	77.0	22.4	0.0	53.5

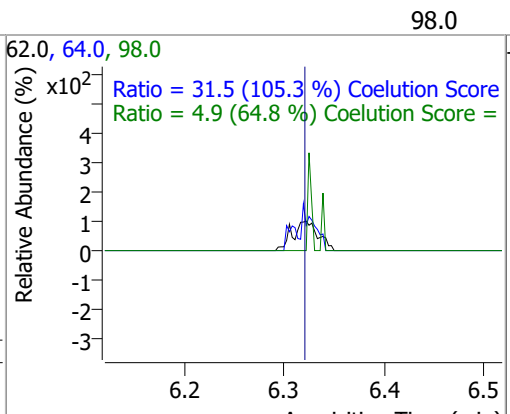


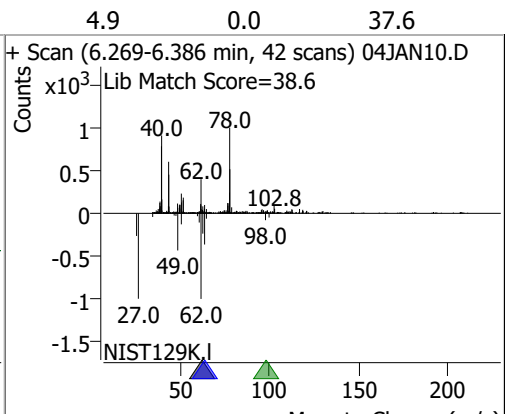




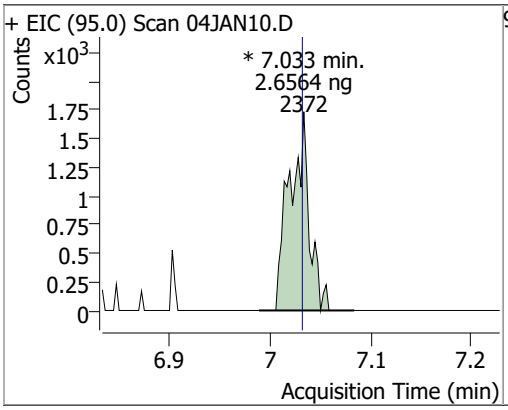
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.9090	6.32	0.00	2415 (m)	64.0	31.5	0.0	59.9
					98.0	4.9	0.0	37.6

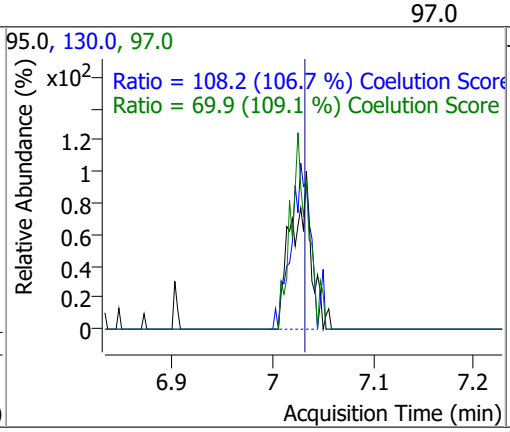


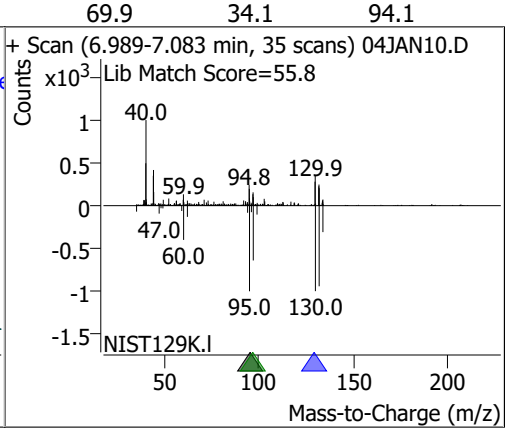




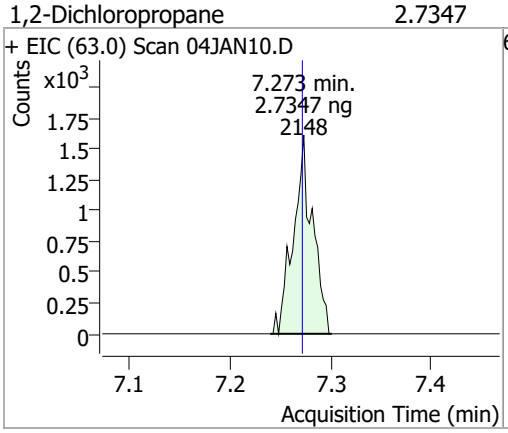
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	2.6564	7.03	0.00	2372 (m)	130.0	108.2	71.5	131.5
					97.0	69.9	34.1	94.1

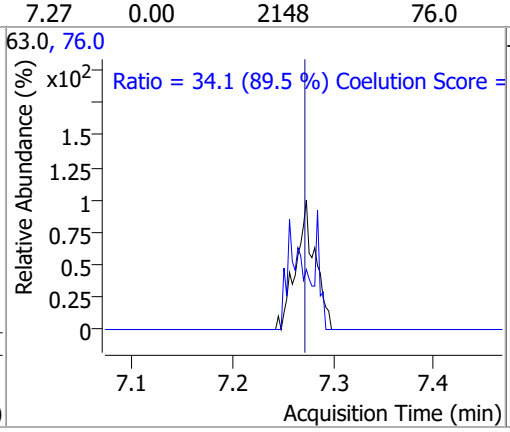


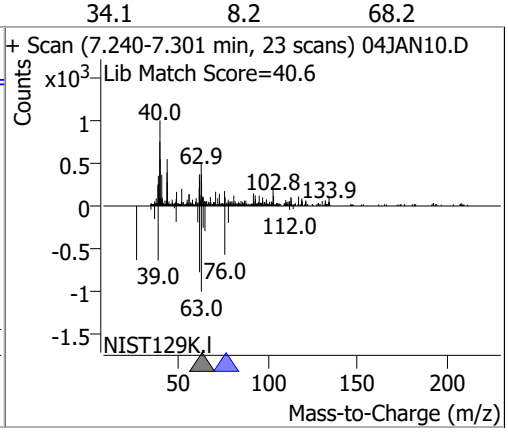




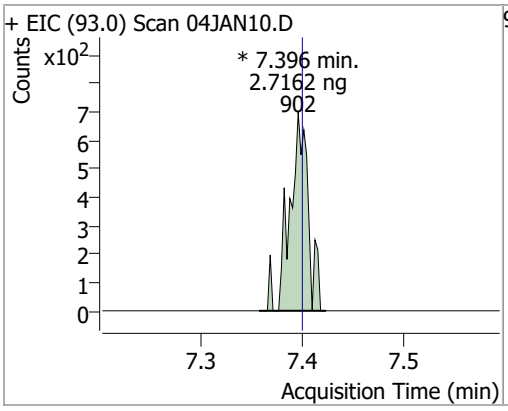
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	2.7347	7.27	0.00	2148	76.0	34.1	8.2	68.2

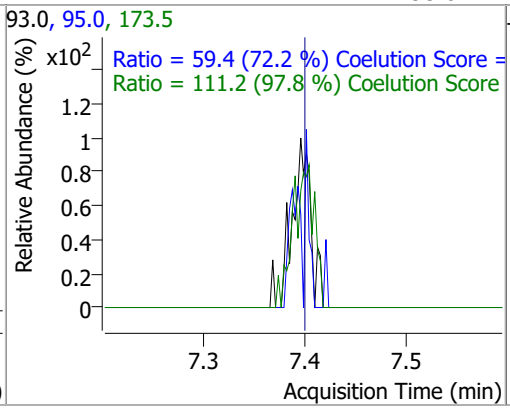


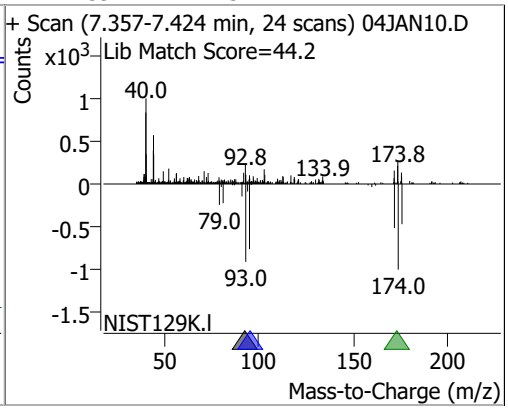




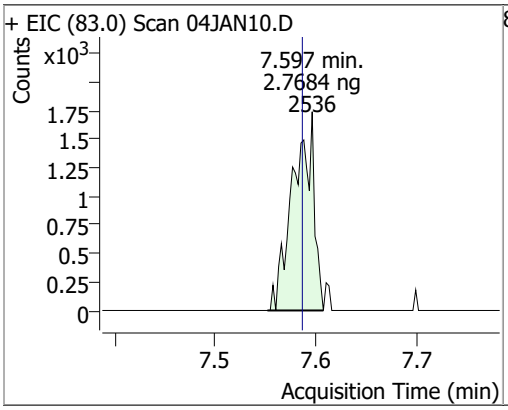
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	2.7162	7.40	0.00	902 (m)	173.5	111.2	83.7	143.7
					95.0	59.4	52.2	112.2

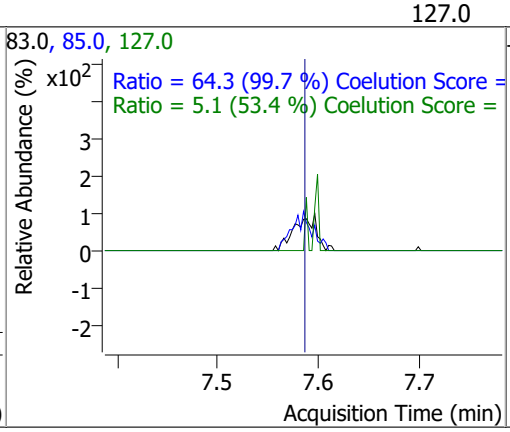


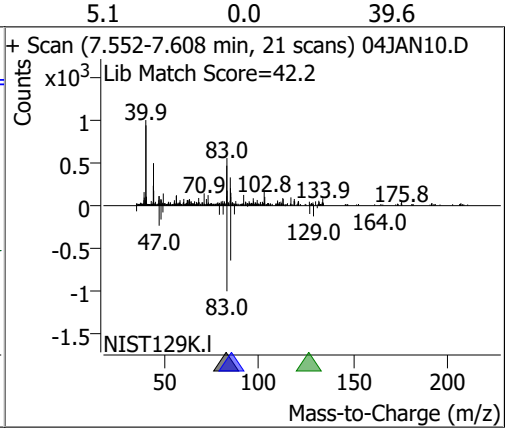




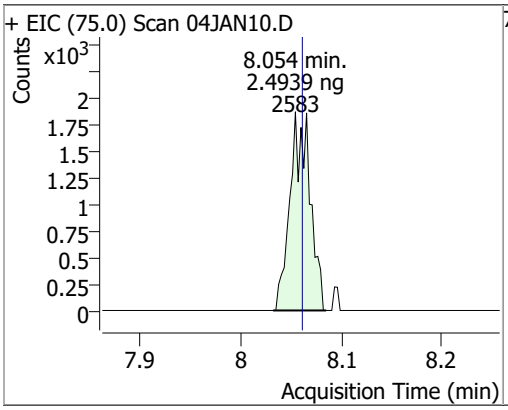
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	2.7684	7.60	0.01	2536	85.0	64.3	34.5	94.5
					127.0	5.1	0.0	39.6

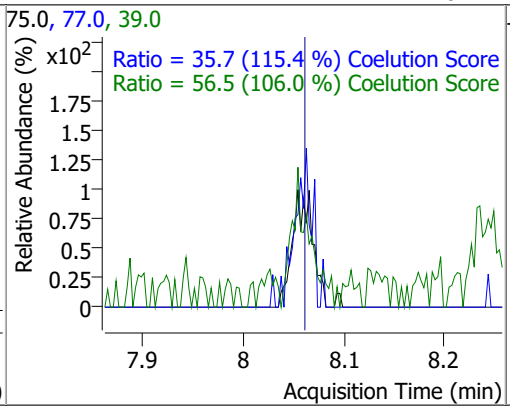


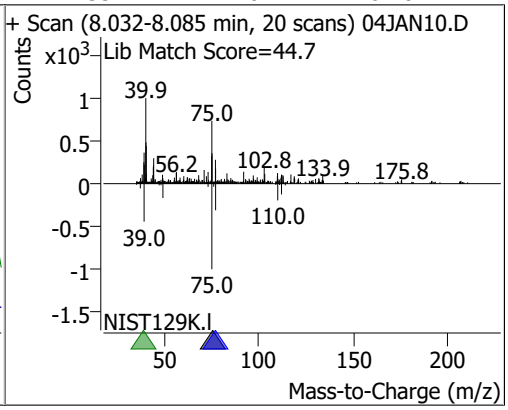




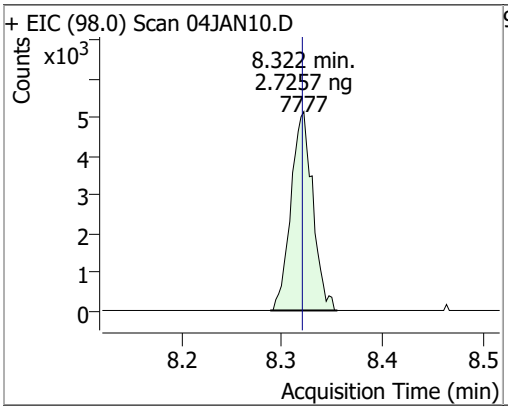
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	2.4939	8.05	-0.01	2583	39.0	56.5	23.3	83.3
					77.0	35.7	1.0	61.0

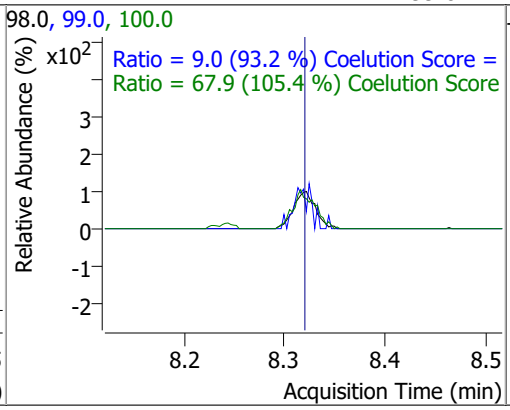


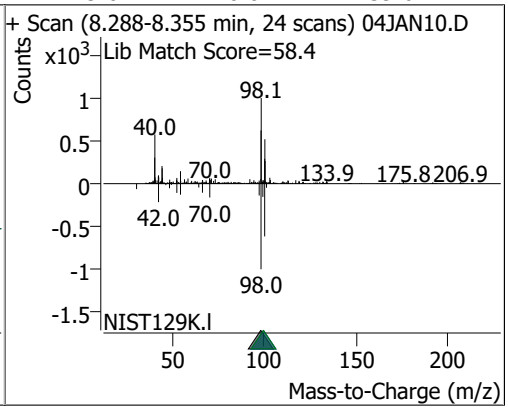




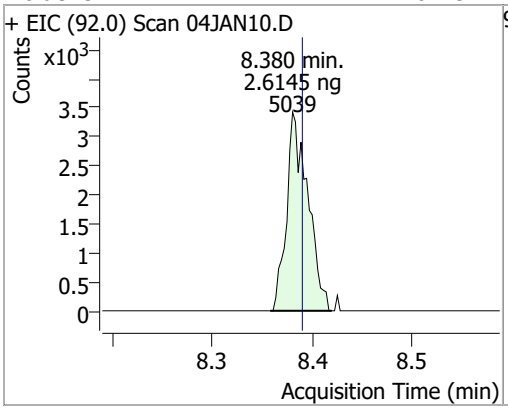
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	2.7257	8.32	0.00	7777	100.0	67.9	34.4	94.4
					99.0	9.0	0.0	39.6

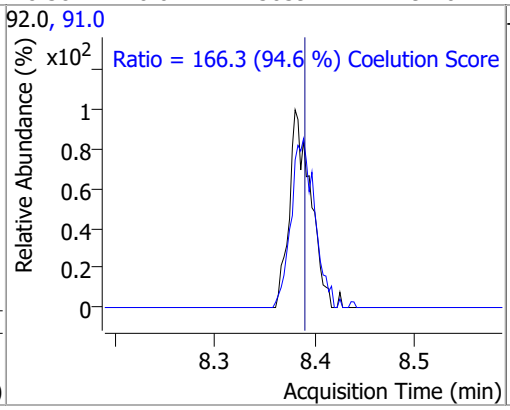


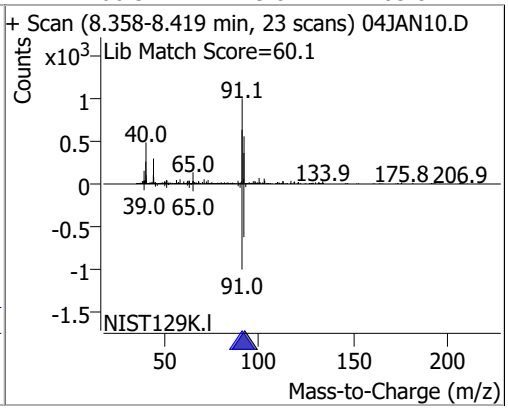




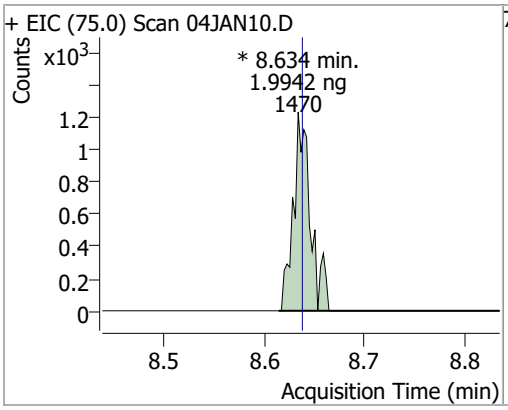
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.6145	8.38	-0.01	5039	91.0	166.3	145.8	205.8

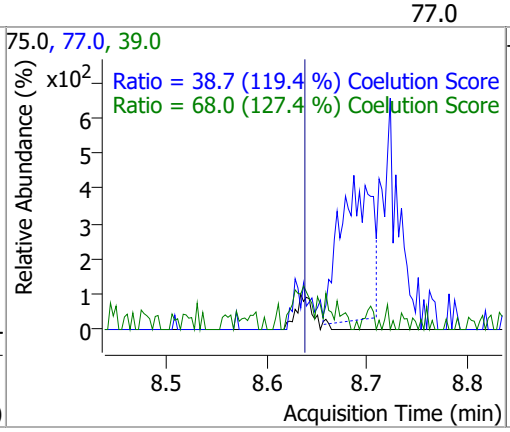


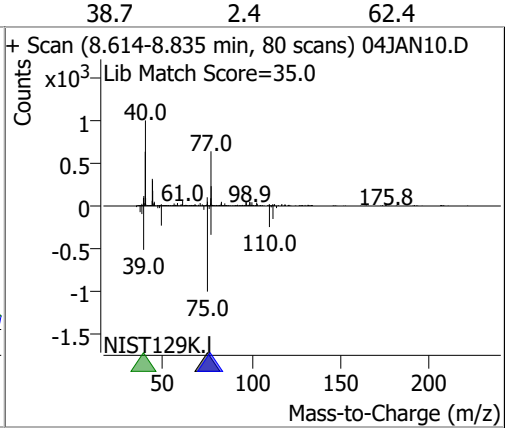




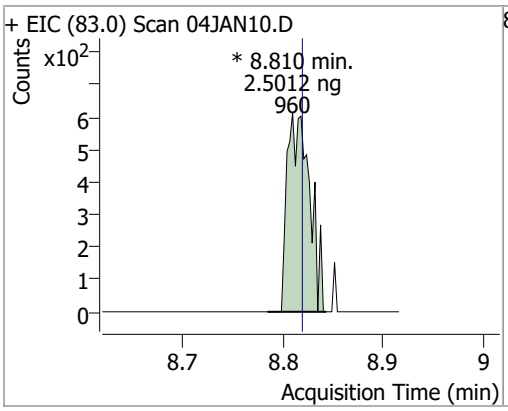
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	1.9942	8.63	0.00	1470 (m)	39.0	68.0	23.4	83.4
					77.0	38.7	2.4	62.4

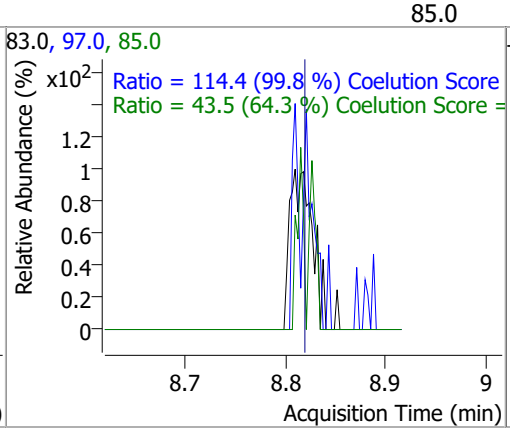


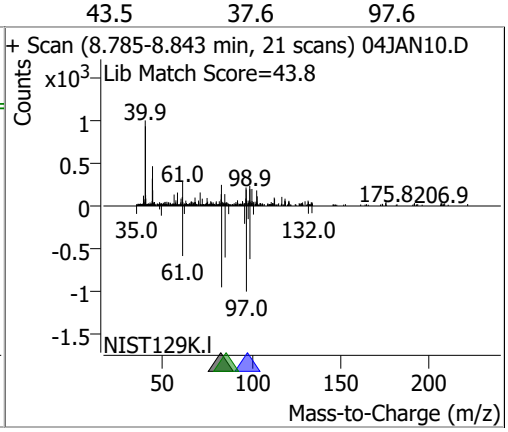




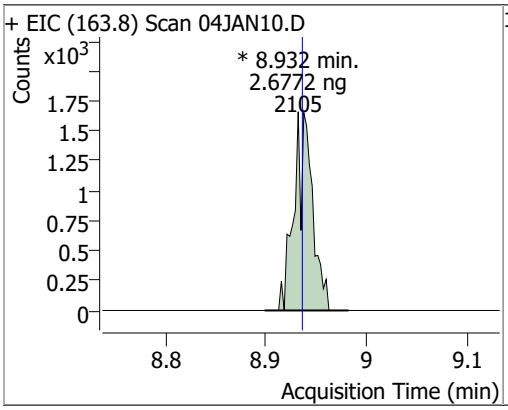
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	2.5012	8.81	-0.01	960 (m)	97.0	114.4	84.6	144.6
					85.0	43.5	37.6	97.6

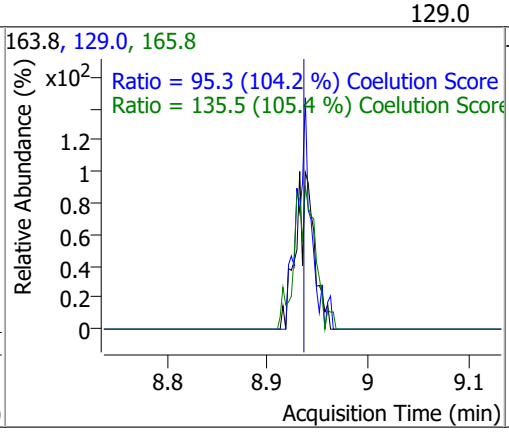


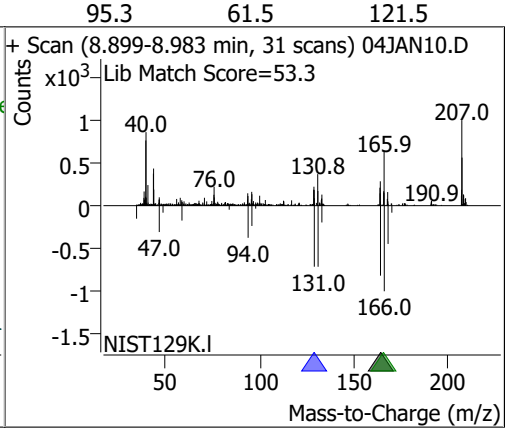




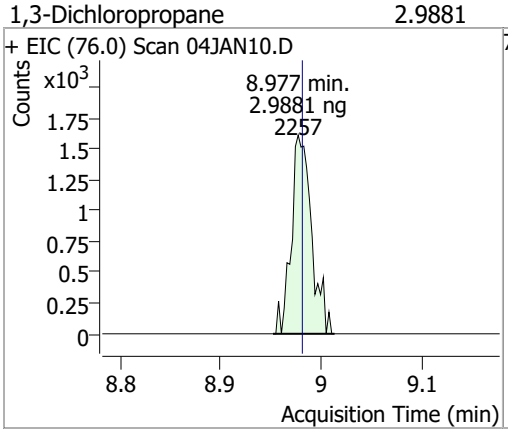
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	2.6772	8.93	0.00	2105 (m)	165.8	135.5	98.6	158.6
					129.0	95.3	61.5	121.5

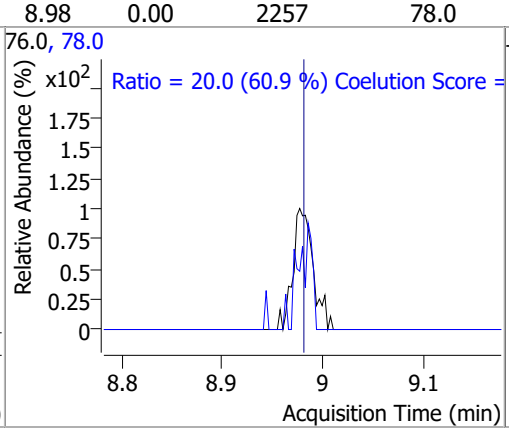


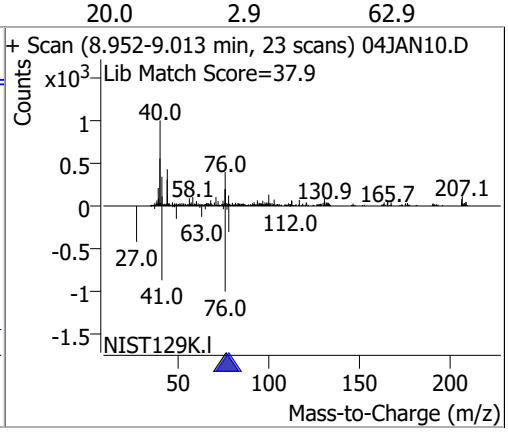




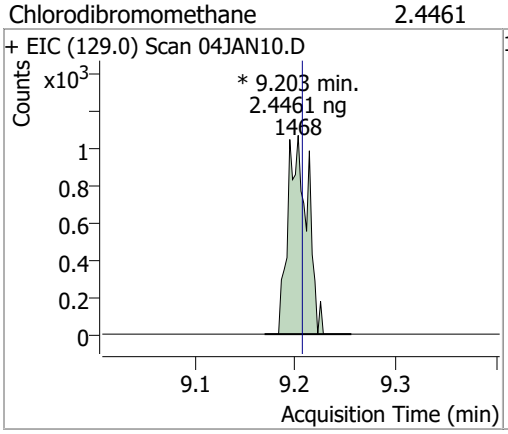
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	2.9881	8.98	0.00	2257	78.0	20.0	2.9	62.9

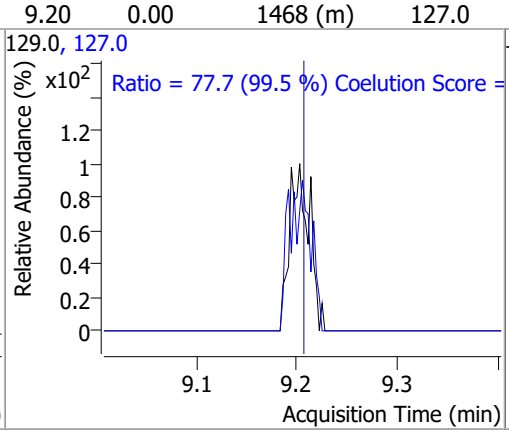


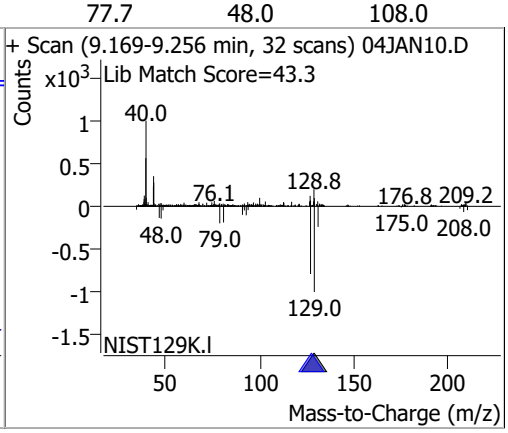




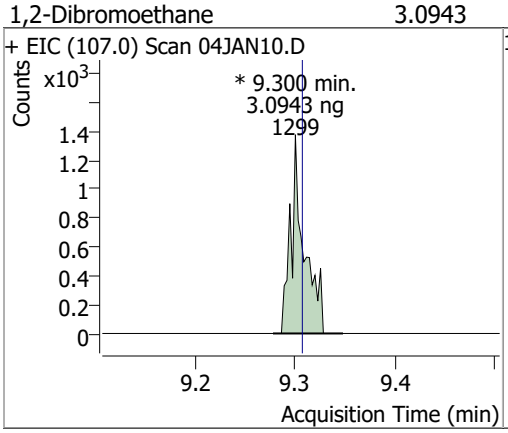
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	2.4461	9.20	0.00	1468 (m)	127.0	77.7	48.0	108.0

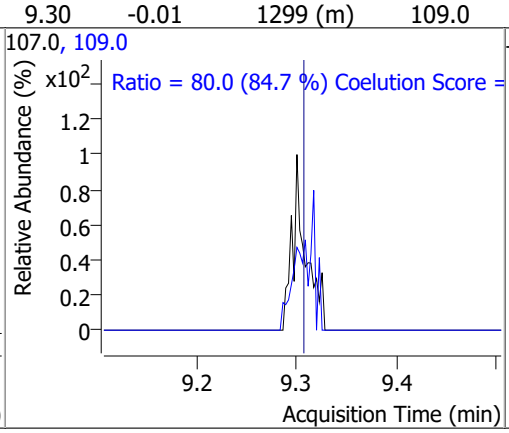


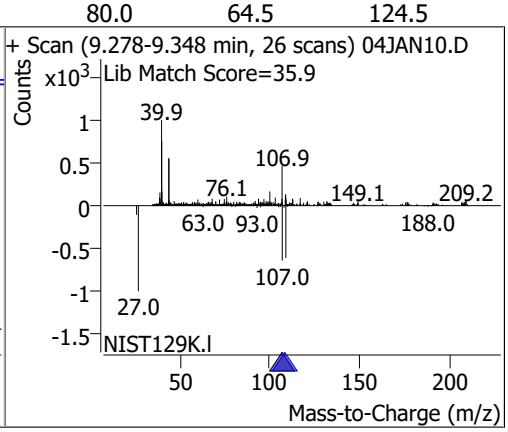




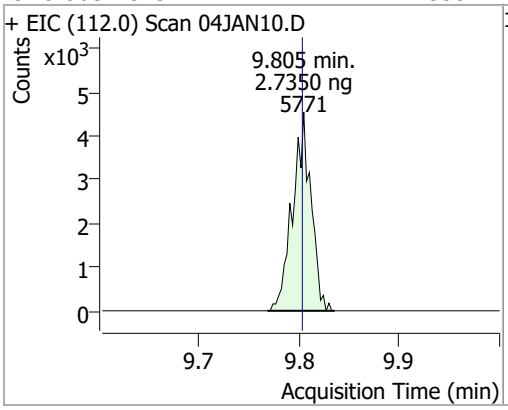
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	3.0943	9.30	-0.01	1299 (m)	109.0	80.0	64.5	124.5

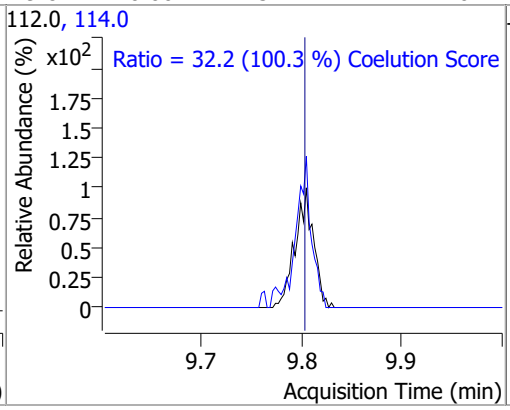


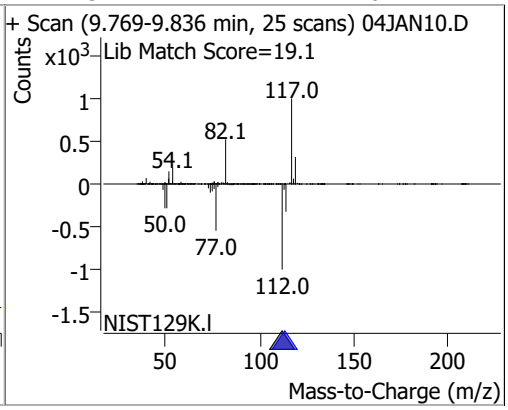




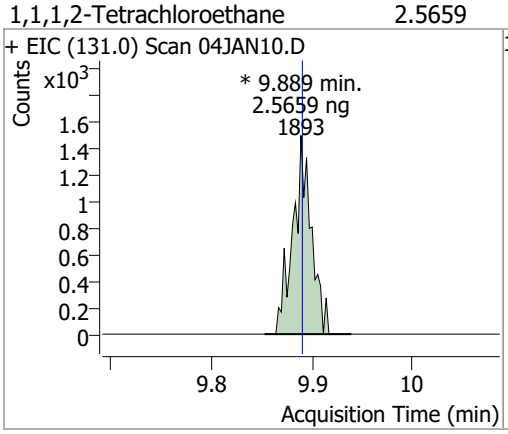
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	2.7350	9.81	0.00	5771	114.0	32.2	2.1	62.1

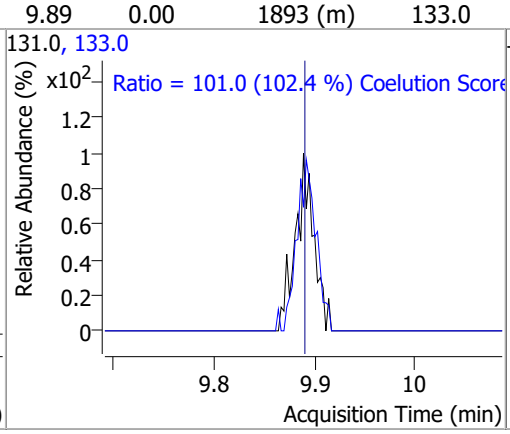


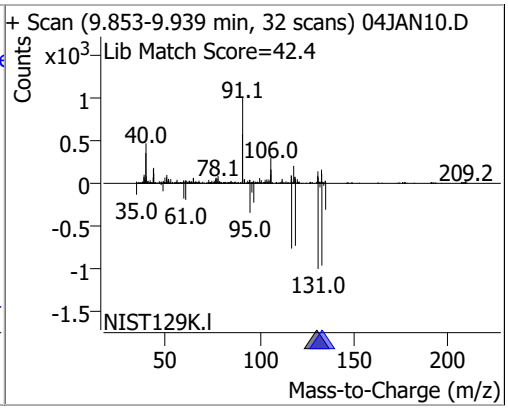




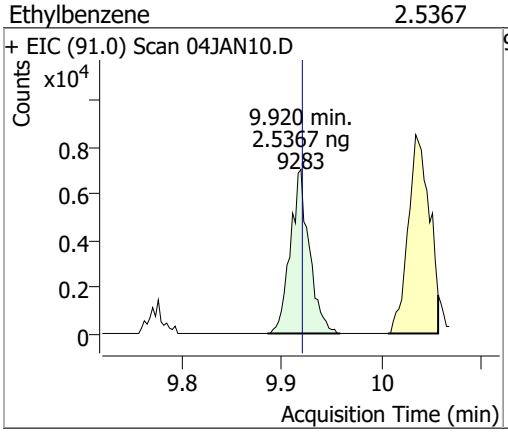
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	2.5659	9.89	0.00	1893 (m)	133.0	101.0	68.6	128.6

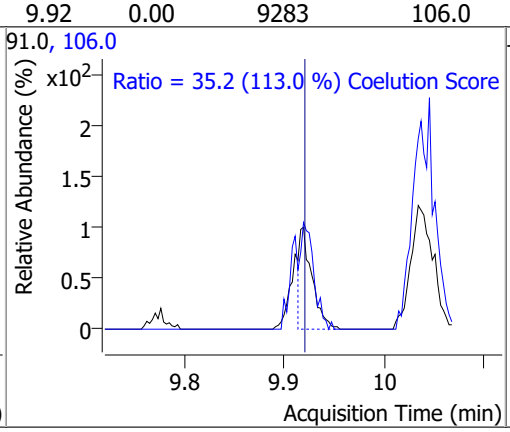


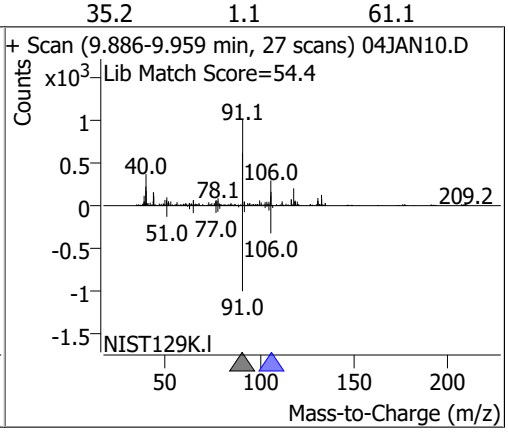




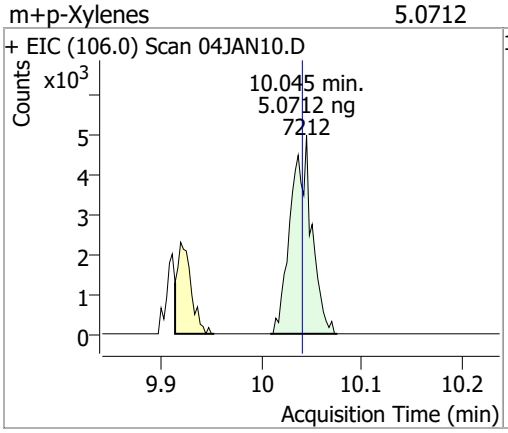
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	2.5367	9.92	0.00	9283	106.0	35.2	1.1	61.1

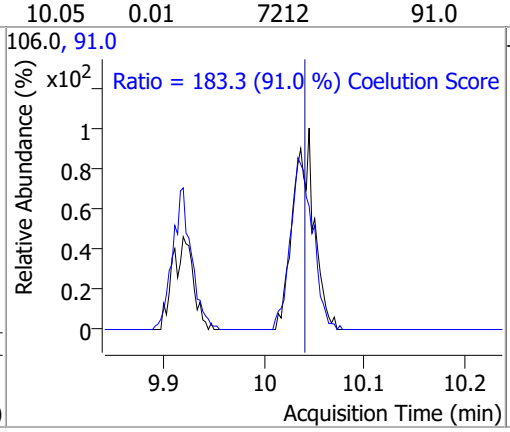


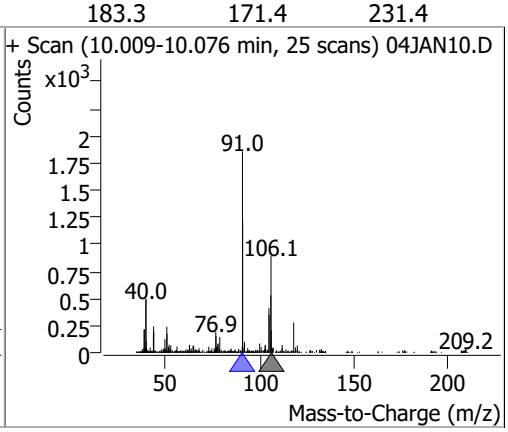




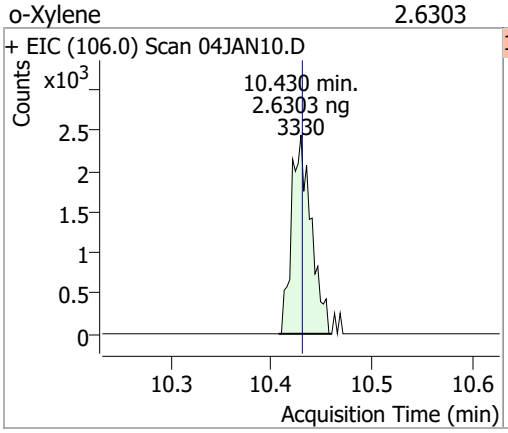
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	5.0712	10.05	0.01	7212	91.0	183.3	171.4	231.4

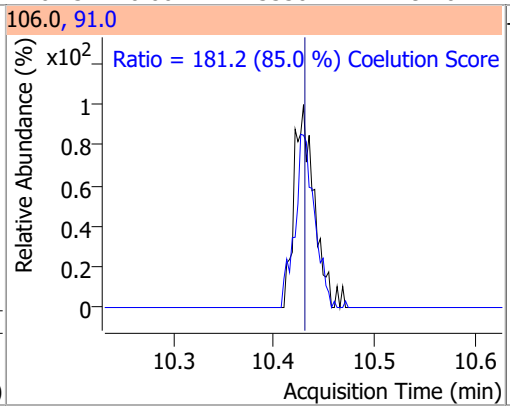


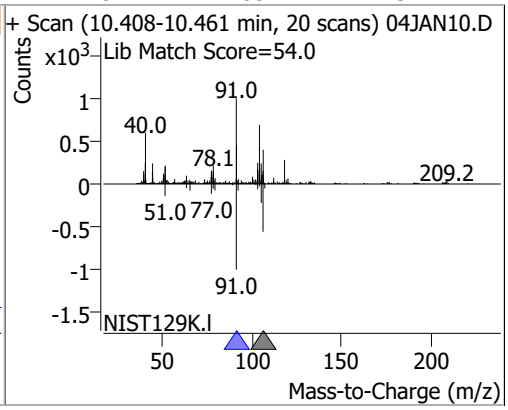




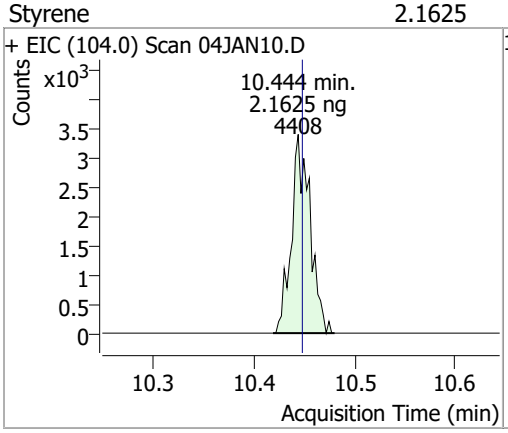
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	2.6303	10.43	0.00	3330	91.0	181.2	183.1	243.1

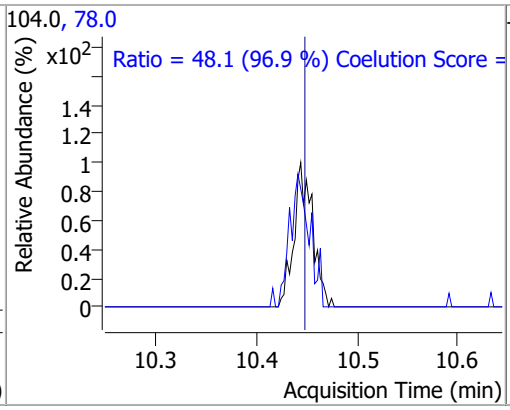


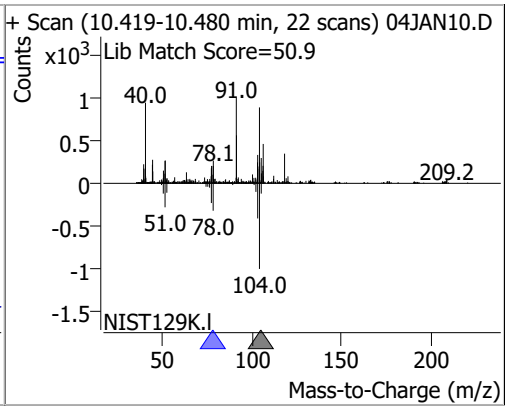




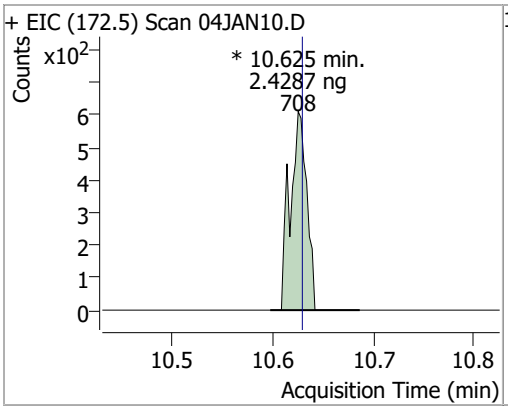
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	2.1625	10.44	0.00	4408	78.0	48.1	19.6	79.6

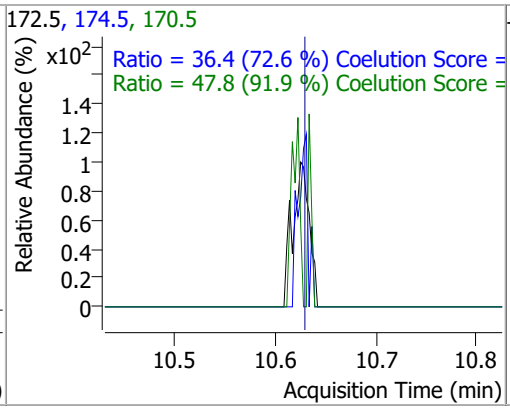


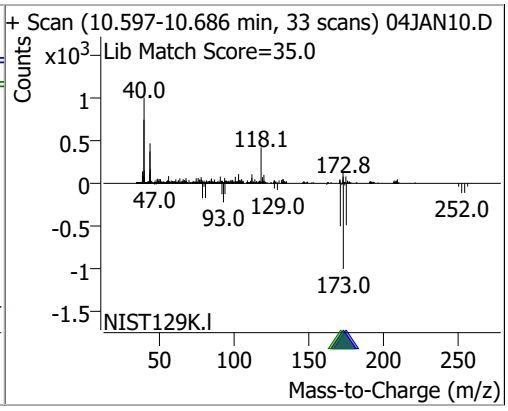




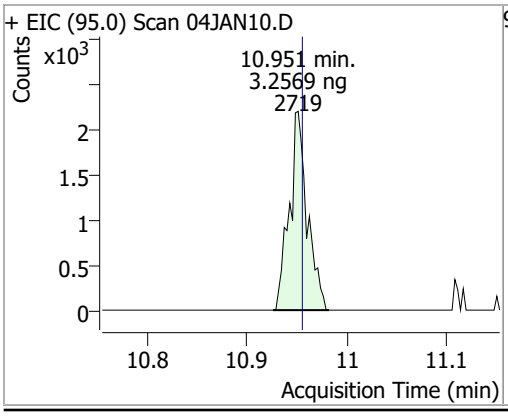
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	2.4287	10.63	0.00	708 (m)	170.5	47.8	22.1	82.1
					174.5	36.4	20.1	80.1

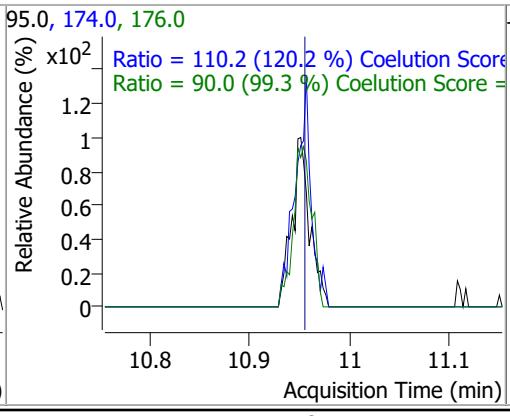


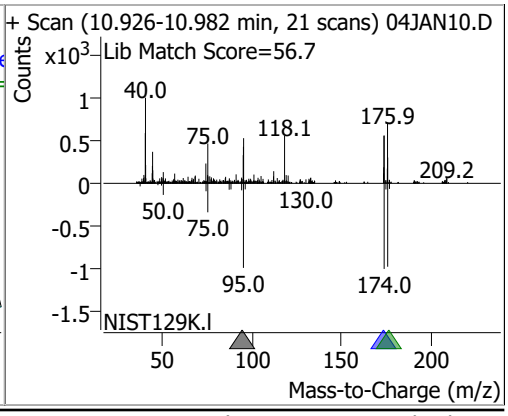




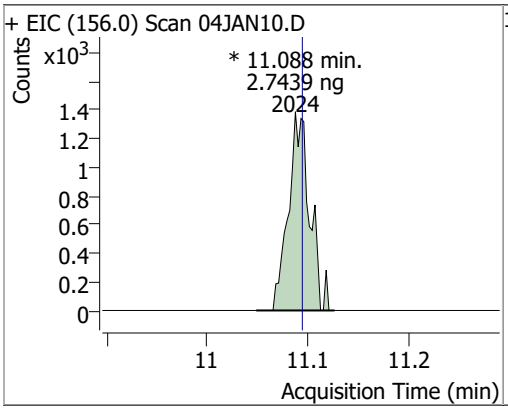
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	3.2569	10.95	0.00	2719	174.0	110.2	61.7	121.7
					176.0	90.0	60.6	120.6

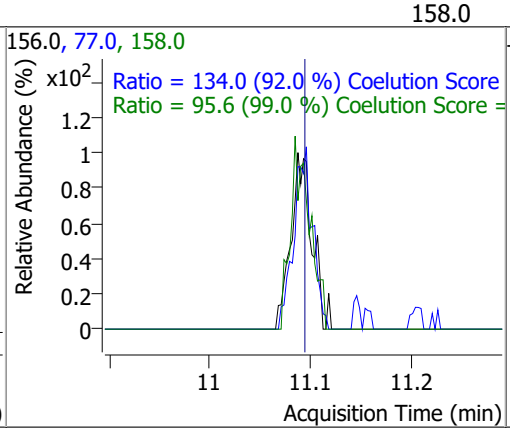


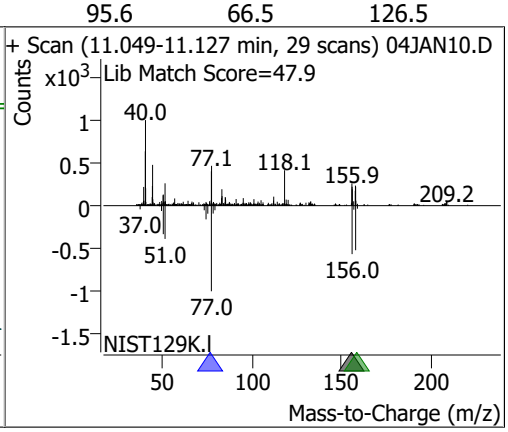




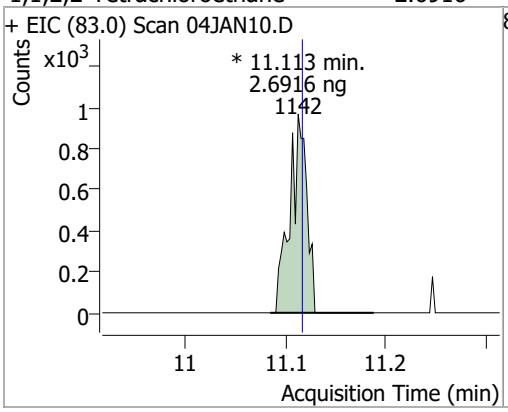
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	2.7439	11.09	-0.01	2024 (m)	77.0	134.0	115.7	175.7
					158.0	95.6	66.5	126.5

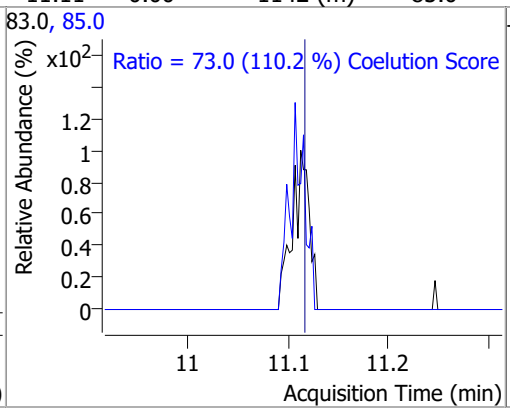


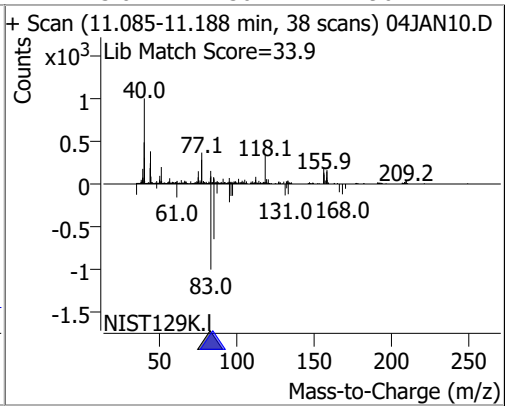




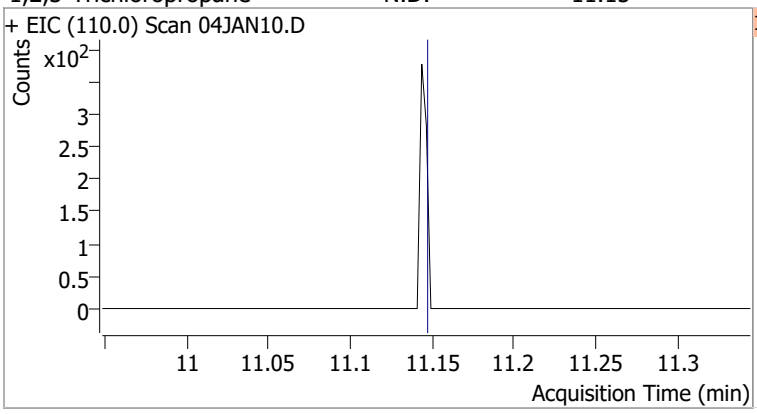
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	2.6916	11.11	0.00	1142 (m)	85.0	73.0	36.2	96.2

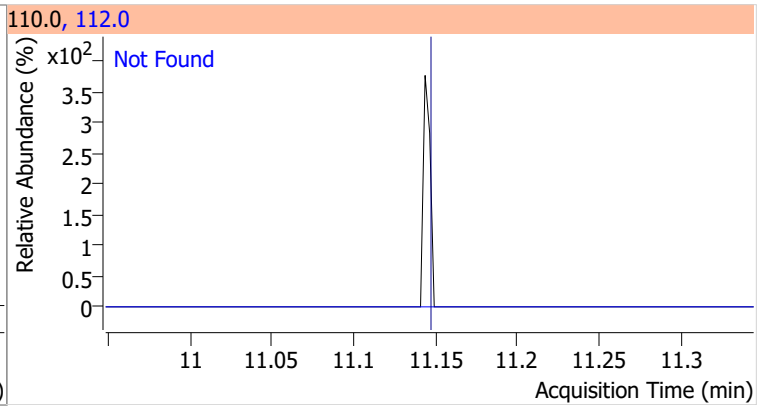




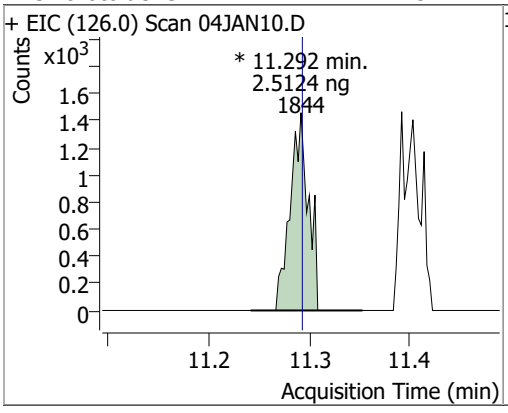


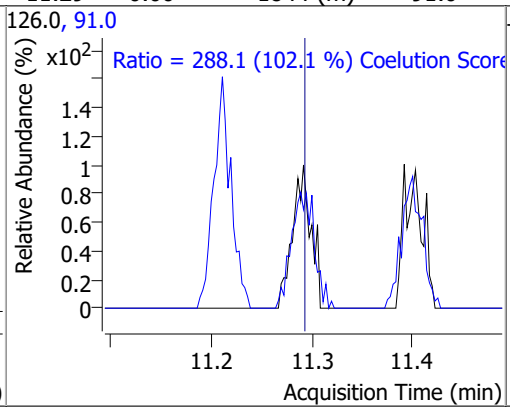
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5

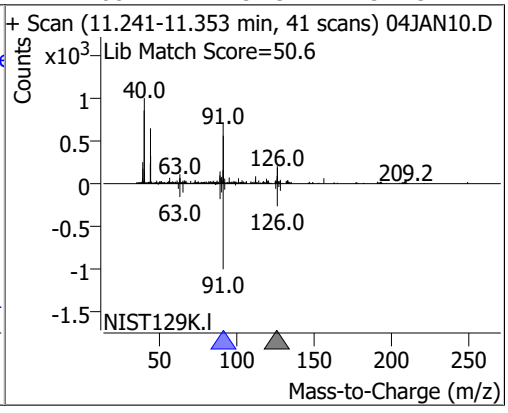




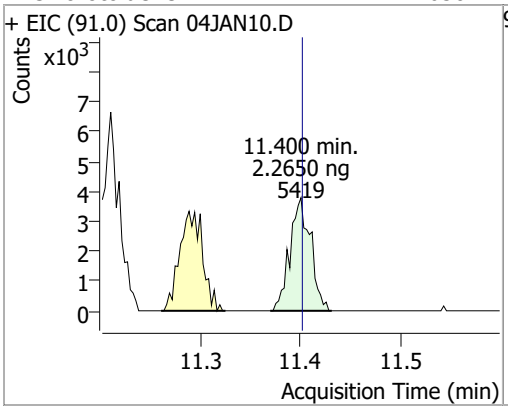
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	2.5124	11.29	0.00	1844 (m)	91.0	288.1	252.3	312.3

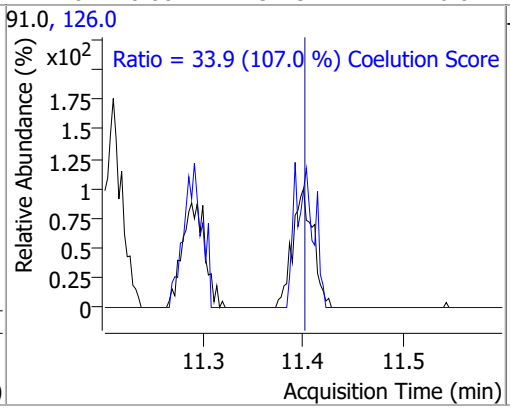


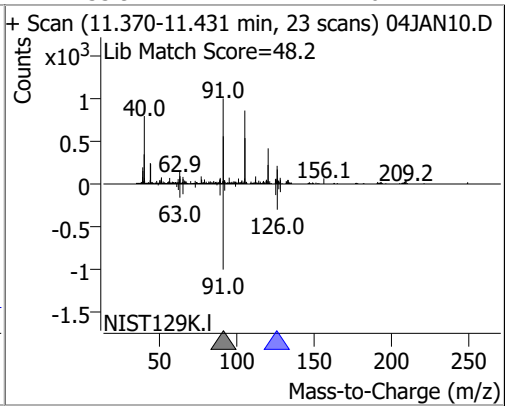




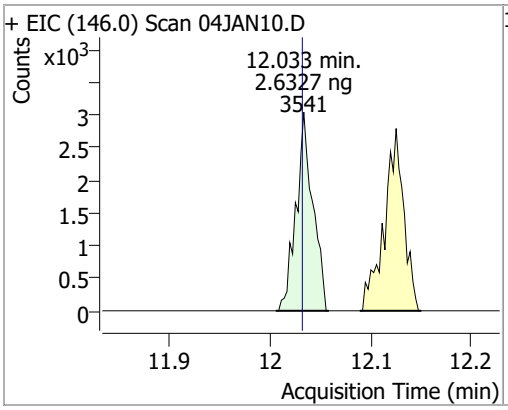
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	2.2650	11.40	0.00	5419	126.0	33.9	1.7	61.7

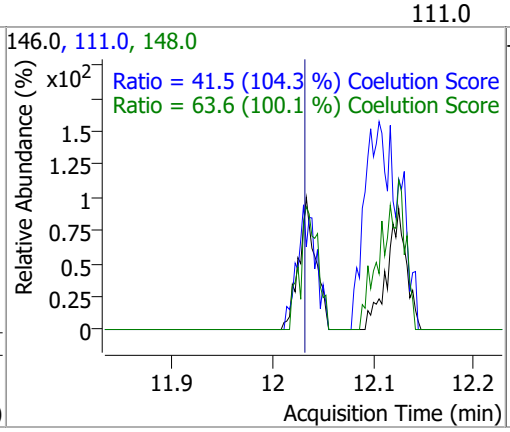


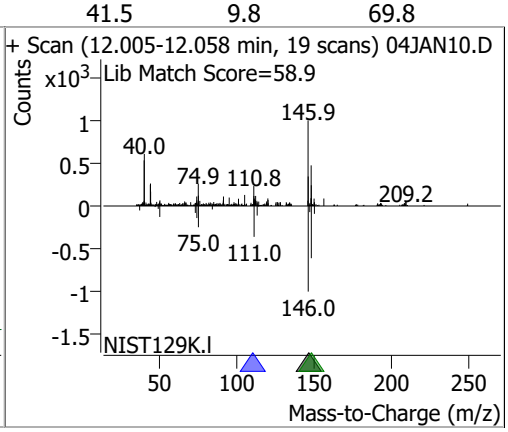




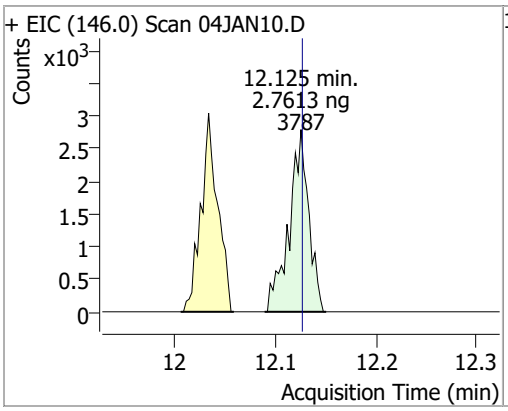
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	2.6327	12.03	0.00	3541	148.0	63.6	33.6	93.6
					111.0	41.5	9.8	69.8

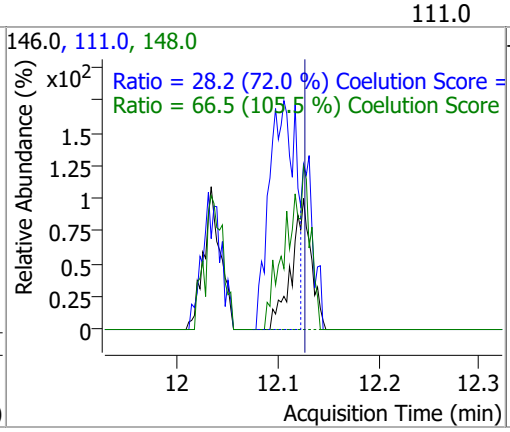


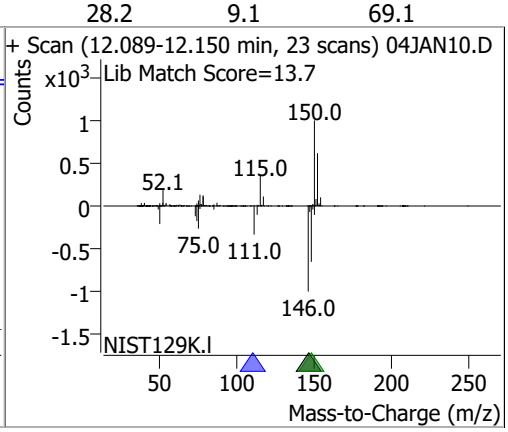




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	2.7613	12.13	0.00	3787	148.0	66.5	33.1	93.1
					111.0	28.2	9.1	69.1

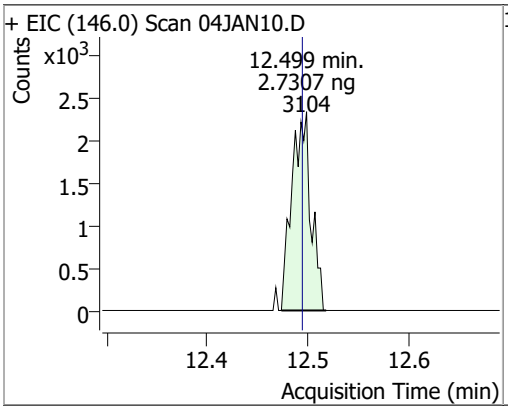


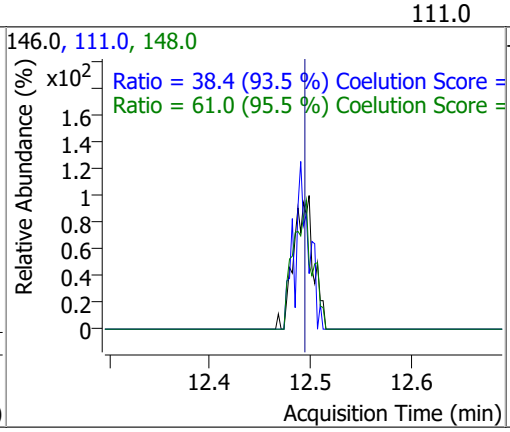


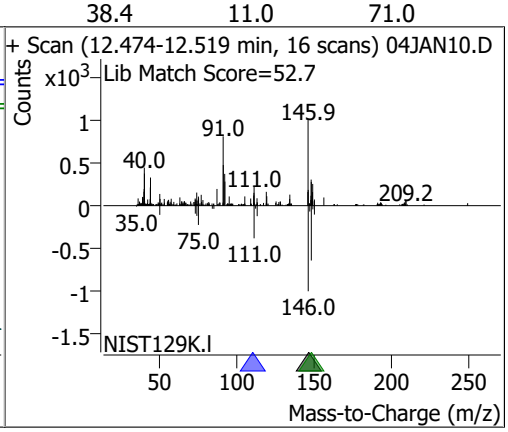


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	2.7307	12.50	0.01	3104	148.0	61.0	33.9	93.9
					111.0	38.4	11.0	71.0







Quantitation Results Report (QT Reviewed)

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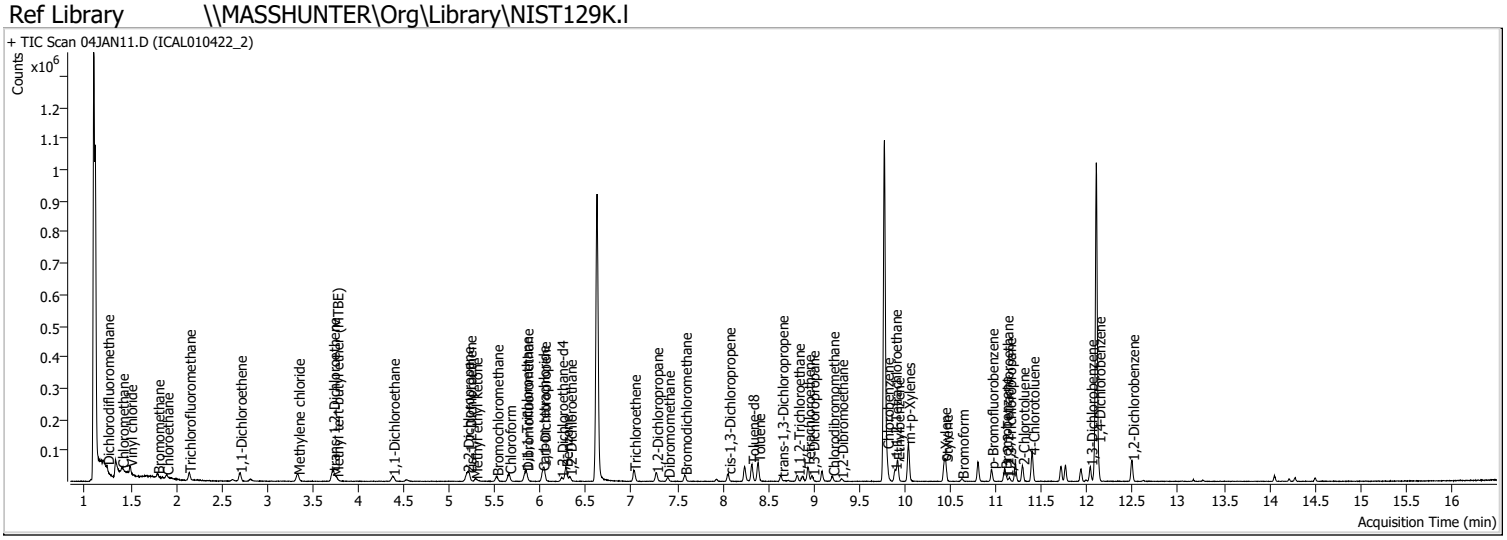
Data File	04JAN11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 4:00:35 PM
Sample Name	ICAL010422_2	Instrument	VOA5975C
Vial	11	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

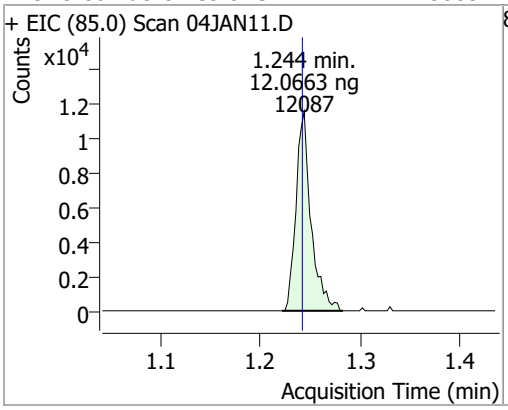


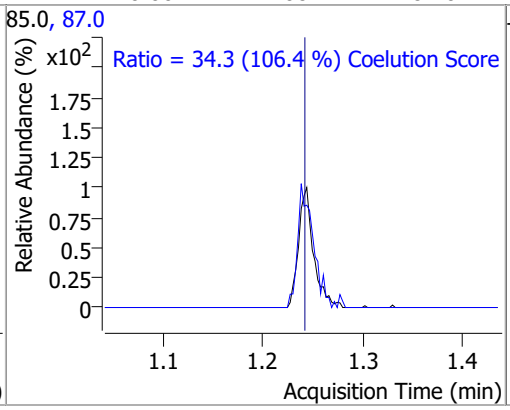
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	764419	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	296554	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	242142	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	9074	12.6000	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 5.04%		*	
S 1,2-Dichloroethane-d4	6.227	67.0	3938	12.6600	ng		-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 5.06%		*	
S Toluene-d8	8.322	98.0	32318	11.3089	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 4.52%		*	
S p-Bromofluorobenzene	10.948	95.0	10059	11.3393	ng		-0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 4.54%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.244	85.0	12087	12.0663	ng		96
T Chloromethane	1.406	50.0	16859	13.8661	ng		100
T Vinyl chloride	1.498	62.0	13724	12.5446	ng		75
T Bromomethane	1.796	96.0	5893	12.0464	ng		97
T Chloroethane	1.897	64.0	8052	14.8670	ng	m	98
T Trichlorofluoromethane	2.142	101.0	15431	11.3637	ng		95
T 1,1-Dichloroethene	2.700	96.0	9169	11.9081	ng		96
T Methylene chloride	3.338	49.0	17734	15.6236	ng		93
T trans-1,2-Dichloroethene	3.720	96.0	9821	12.5022	ng	m	95
T Methyl tert-butyl ether (MTBE)	3.762	73.0	12515	12.3255	ng	m	99
T 1,1-Dichloroethane	4.378	63.0	17642	12.0652	ng		94
T 2,2-Dichloropropane	5.196	77.0	13676	12.4820	ng		95
T cis-1,2-Dichloroethene	5.221	96.0	10008	12.5659	ng		95
T Methyl ethyl ketone	5.288	43.0	13167	122.0520	ng		95
T Bromochloromethane	5.516	128.0	4275	12.9568	ng		91
T Chloroform	5.656	83.0	19015	13.0668	ng		98

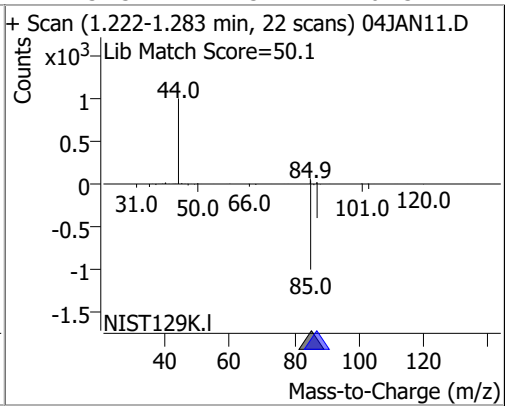
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.837	97.0	16623	12.1891	ng		97
T Carbon tetrachloride	6.021	117.0	16466	12.2545	ng		98
T 1,1-Dichloropropene	6.038	75.0	13149	11.3397	ng		94
T Benzene	6.278	78.0	37071	12.1801	ng		99
T 1,2-Dichloroethane	6.322	62.0	10202	12.3906	ng		92
T Trichloroethene	7.025	95.0	10442	11.6753	ng		94
T 1,2-Dichloropropane	7.270	63.0	9488	12.0602	ng		99
T Dibromomethane	7.399	93.0	4675	14.0619	ng		93
T Bromodichloromethane	7.585	83.0	11562	12.6014	ng		97
T cis-1,3-Dichloropropene	8.062	75.0	12525	12.0738	ng		94
T Toluene	8.388	92.0	21794	11.2899	ng		97
T trans-1,3-Dichloropropene	8.645	75.0	8683	11.7589	ng		98
T 1,1,2-Trichloroethane	8.824	83.0	5090	13.2340	ng	m	91
T Tetrachloroethene	8.935	163.8	9238	11.7302	ng		99
T 1,3-Dichloropropane	8.985	76.0	8967	11.8526	ng		97
T Chlorodibromomethane	9.206	129.0	7718	12.8393	ng		97
T 1,2-Dibromoethane	9.300	107.0	5410	12.8640	ng		100
T Chlorobenzene	9.802	112.0	26461	12.5204	ng		99
T 1,1,1,2-Tetrachloroethane	9.889	131.0	9473	12.8225	ng		88
T Ethylbenzene	9.917	91.0	40470	11.0411	ng		99
T m+p-Xylenes	10.037	106.0	31538	22.1410	ng		100
T o-Xylene	10.430	106.0	13519	10.6612	ng		92
T Styrene	10.449	104.0	23472	11.4968	ng		100
T Bromoform	10.625	172.5	3652	11.7860	ng		92
T Bromobenzene	11.096	156.0	9663	12.3310	ng		96
T 1,1,2,2-Tetrachloroethane	11.116	83.0	5793	12.8437	ng		99
T 1,2,3-Trichloropropane	11.144	110.0	1654	13.7084	ng	m	99
T 2-Chlorotoluene	11.289	126.0	8731	11.1977	ng		94
T 4-Chlorotoluene	11.400	91.0	28532	11.2233	ng		100
T 1,3-Dichlorobenzene	12.036	146.0	16932	11.8473	ng		99
T 1,4-Dichlorobenzene	12.122	146.0	17438	11.9662	ng		94
T 1,2-Dichlorobenzene	12.493	146.0	14666	12.1423	ng		98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

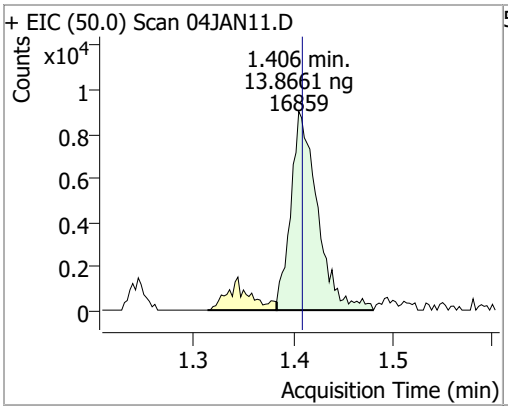
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	12.0663	1.24	0.00	12087	87.0	34.3	2.3	62.3

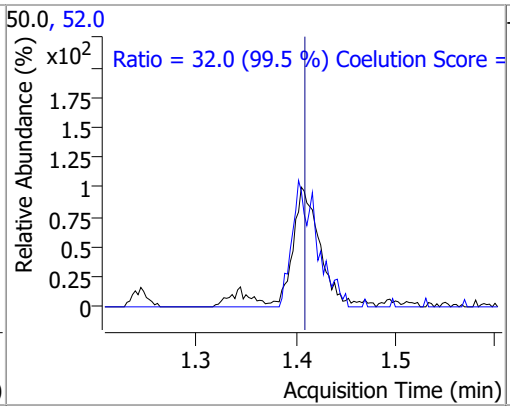


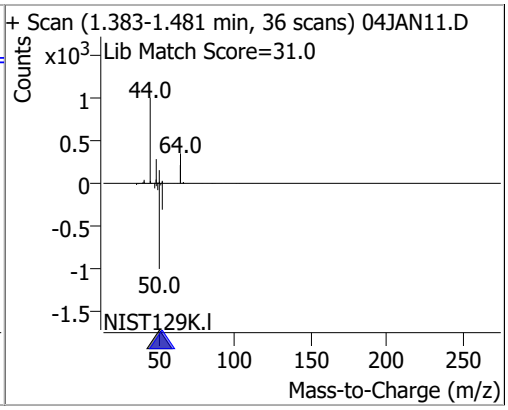




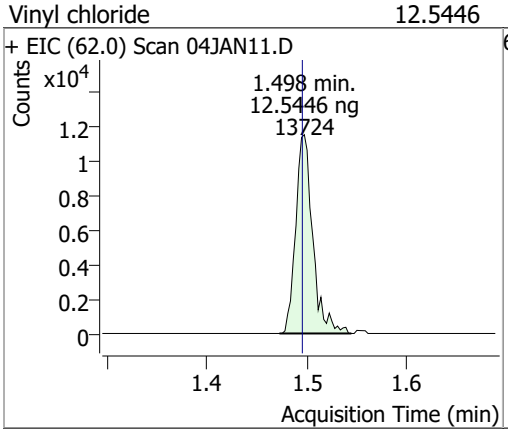
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	13.8661	1.41	0.00	16859	52.0	32.0	2.1	62.1

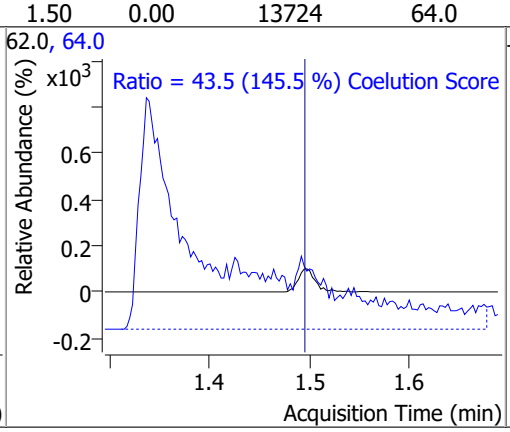


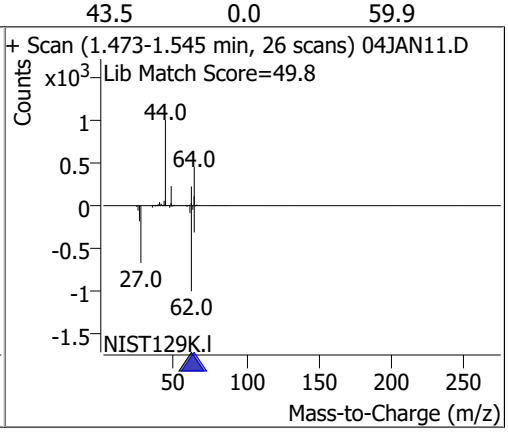




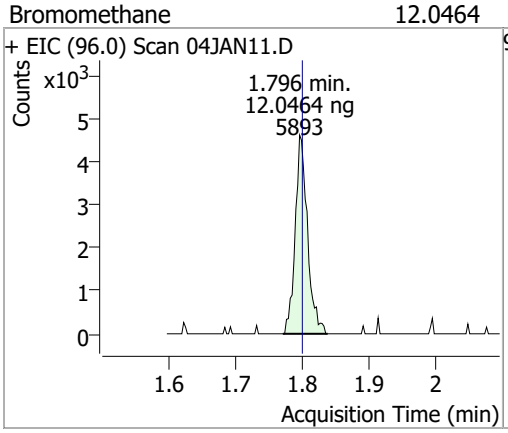
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	12.5446	1.50	0.00	13724	64.0	43.5	0.0	59.9

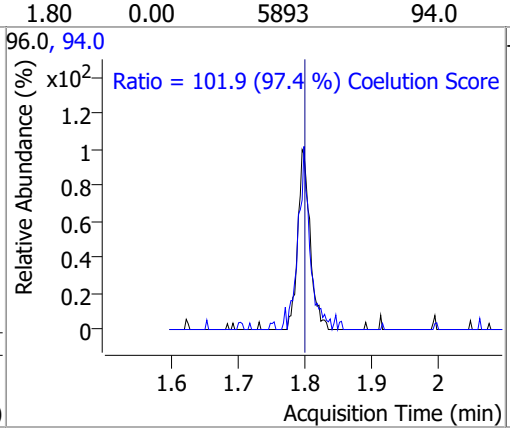


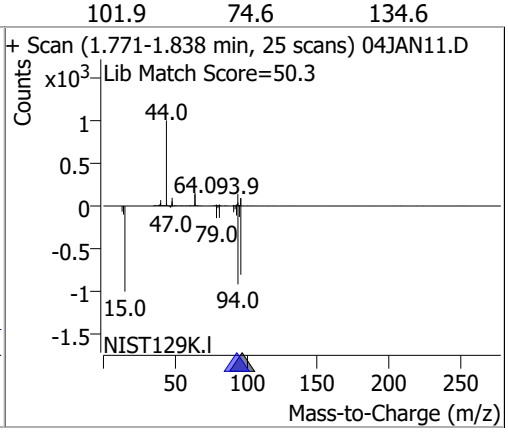




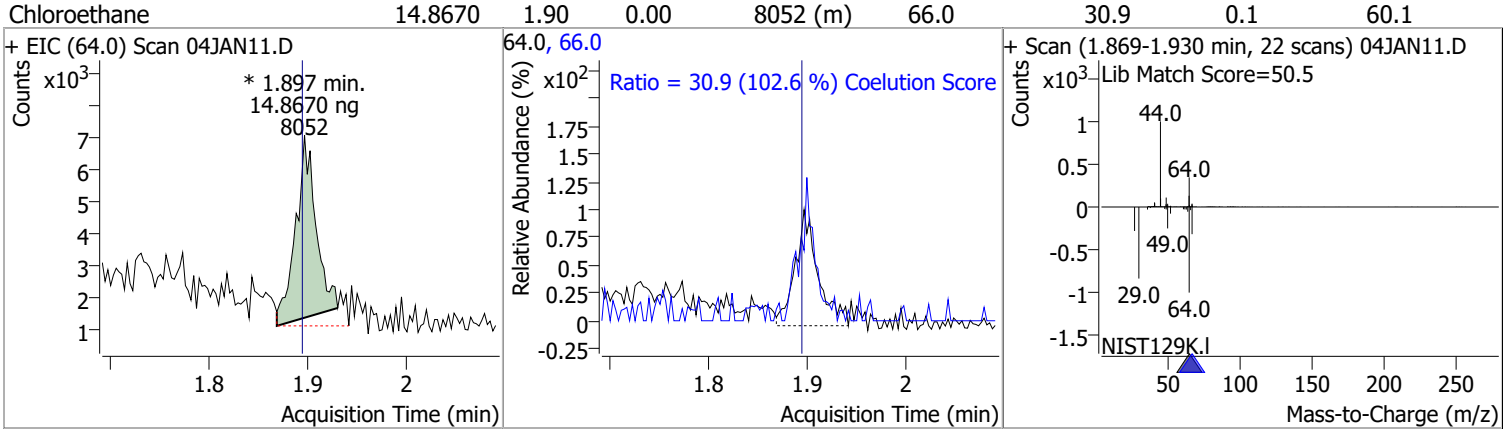
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	12.0464	1.80	0.00	5893	94.0	101.9	74.6	134.6



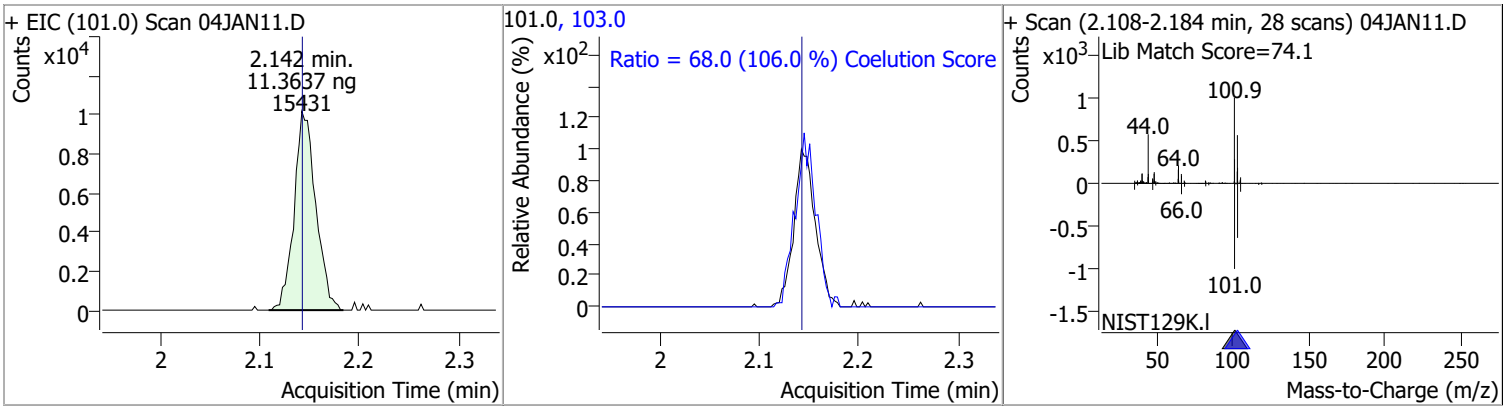




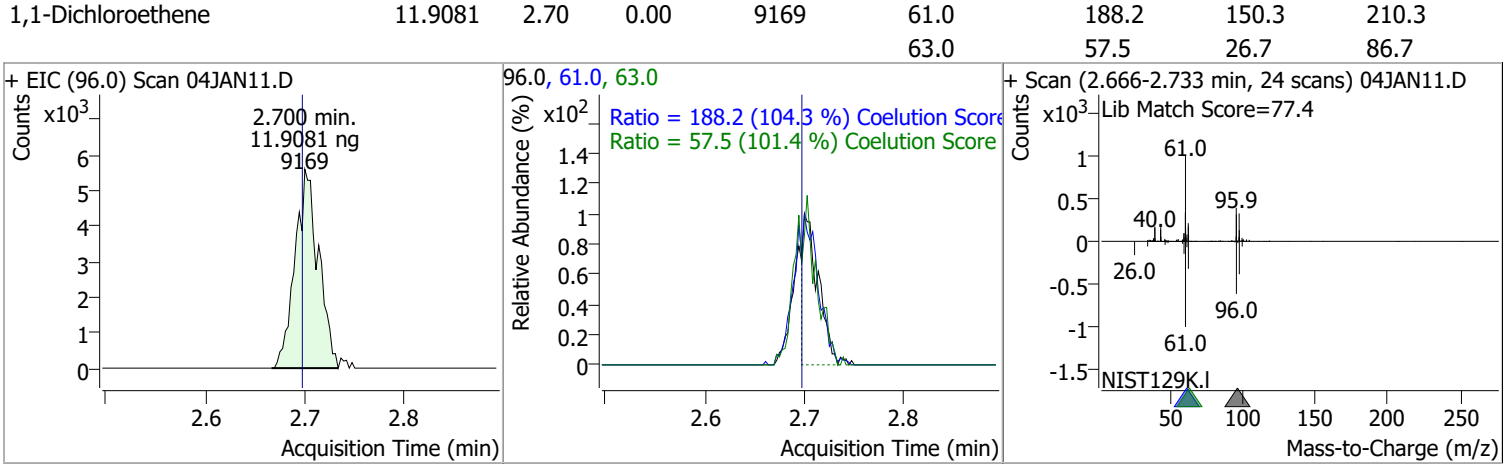
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	14.8670	1.90	0.00	8052 (m)	66.0	30.9	0.1	60.1



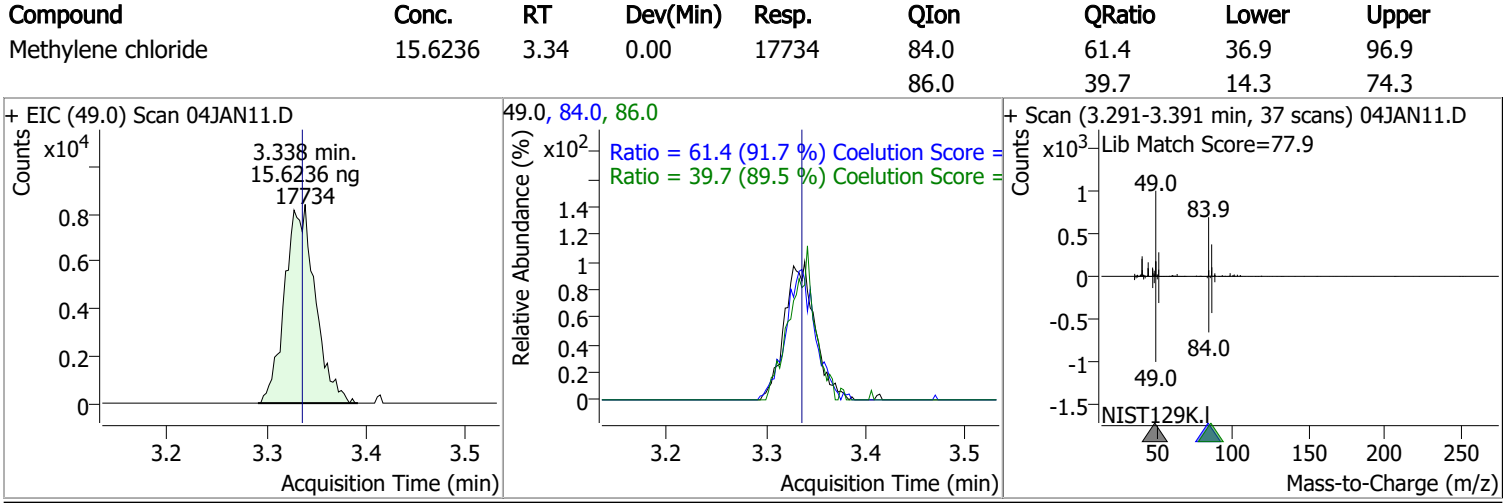
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	11.3637	2.14	0.00	15431	103.0	68.0	34.2	94.2



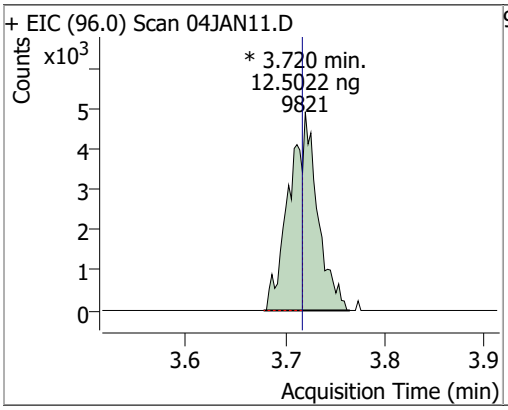
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	11.9081	2.70	0.00	9169	61.0	188.2	150.3	210.3
					63.0	57.5	26.7	86.7

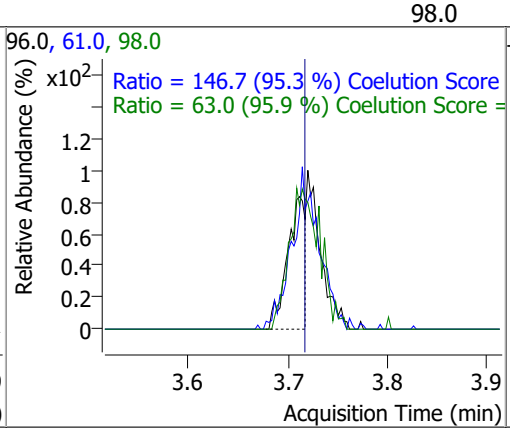


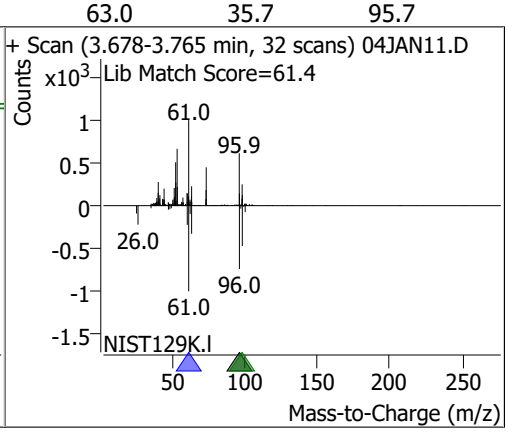
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	15.6236	3.34	0.00	17734	84.0	61.4	36.9	96.9
					86.0	39.7	14.3	74.3



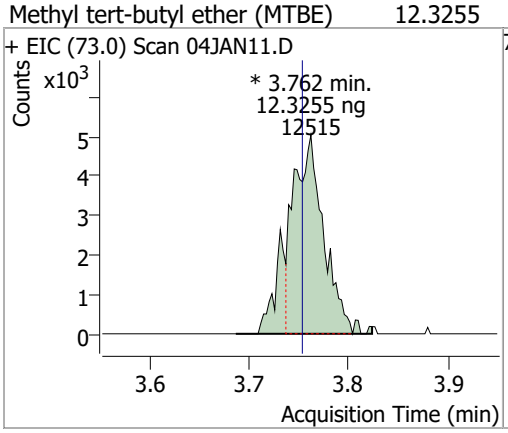
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	12.5022	3.72	0.00	9821 (m)	61.0	146.7	123.9	183.9
					98.0	63.0	35.7	95.7

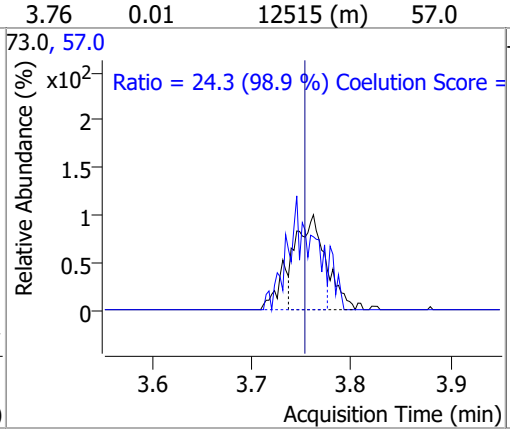


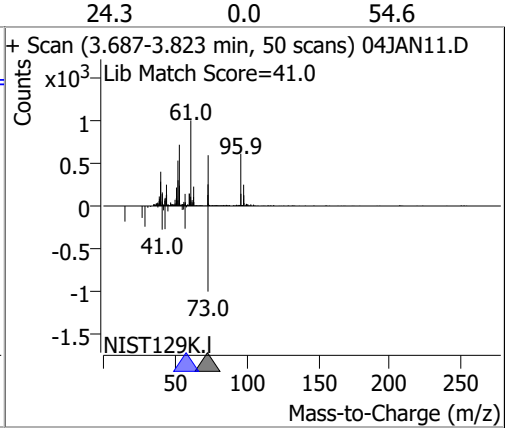




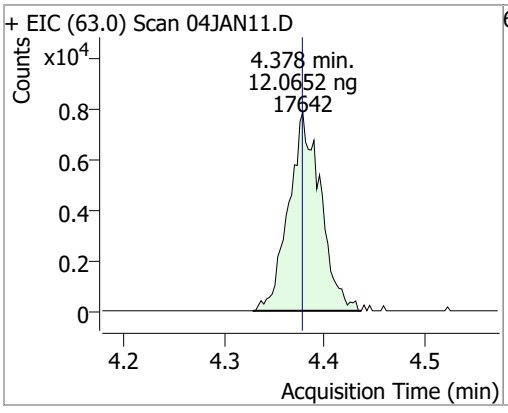
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	12.3255	3.76	0.01	12515 (m)	57.0	24.3	0.0	54.6

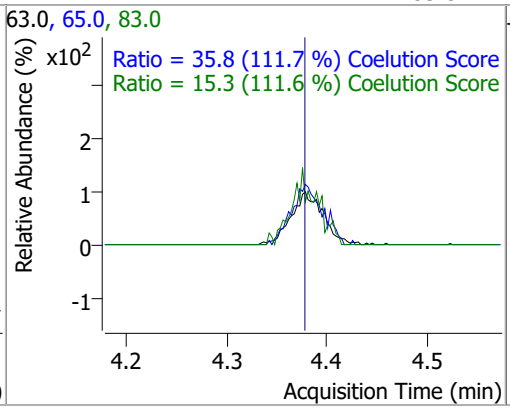


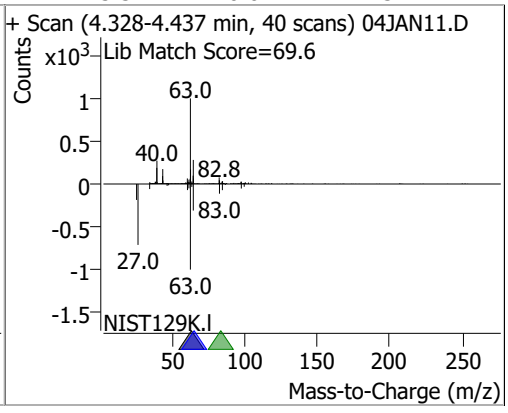




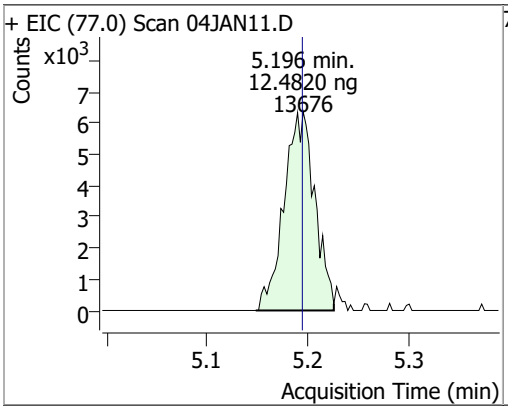
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	12.0652	4.38	0.00	17642	65.0	35.8	2.1	62.1
					83.0	15.3	0.0	43.7

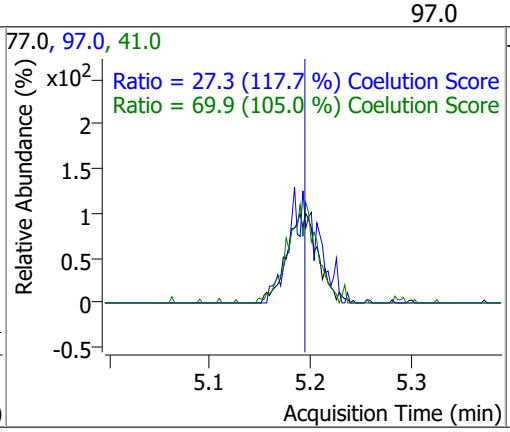


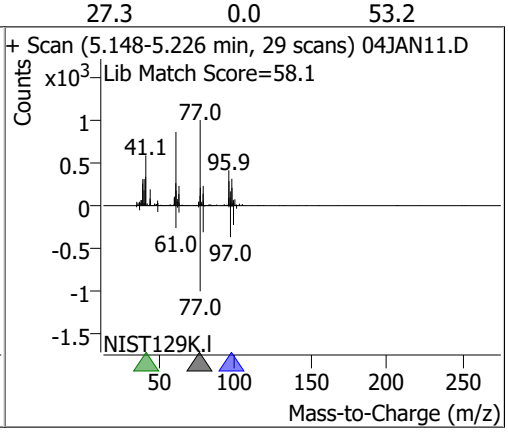




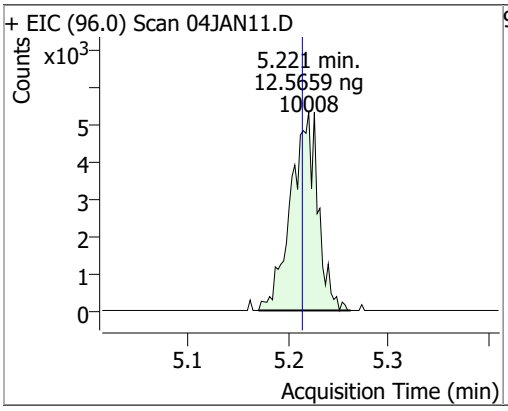
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	12.4820	5.20	0.00	13676	41.0	69.9	36.5	96.5
					97.0	27.3	0.0	53.2

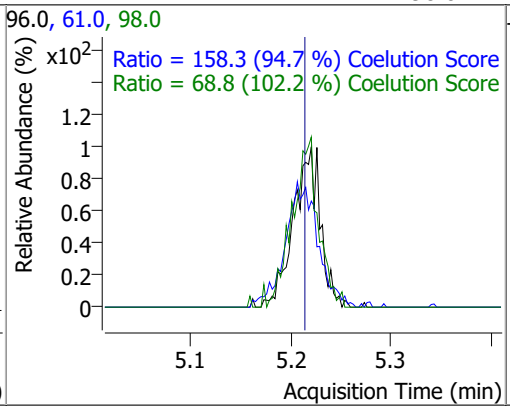


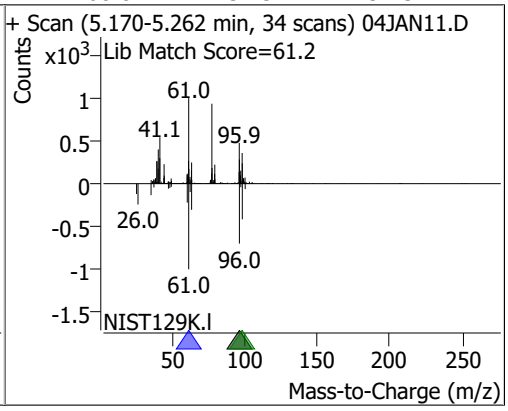




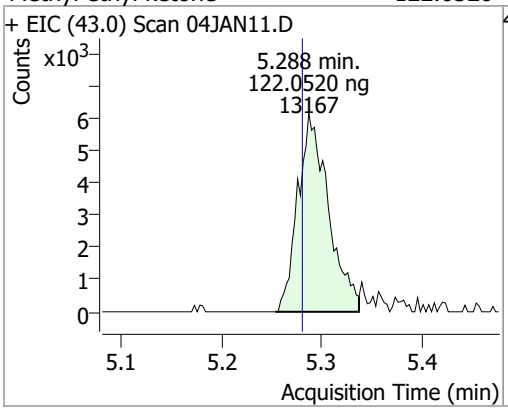
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	12.5659	5.22	0.01	10008	61.0	158.3	137.2	197.2
					98.0	68.8	37.3	97.3

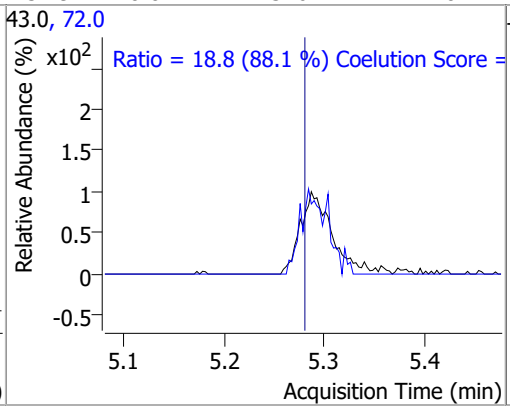


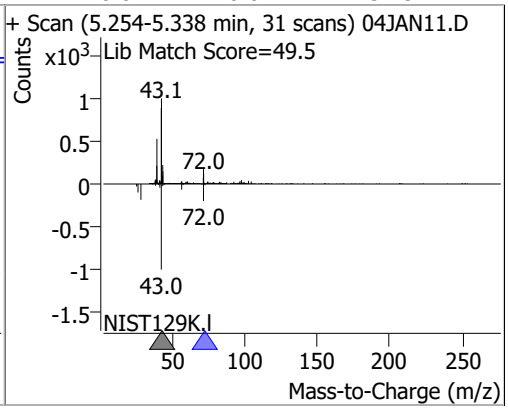




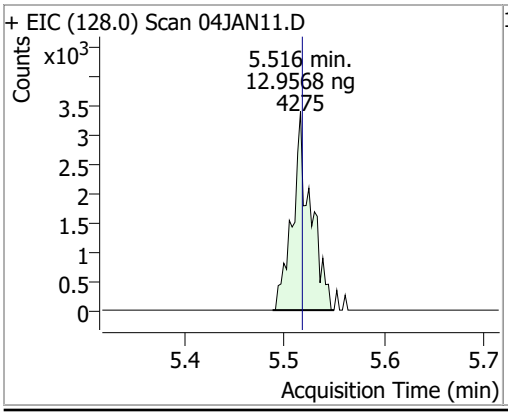
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	122.0520	5.29	0.01	13167	72.0	18.8	0.0	51.3

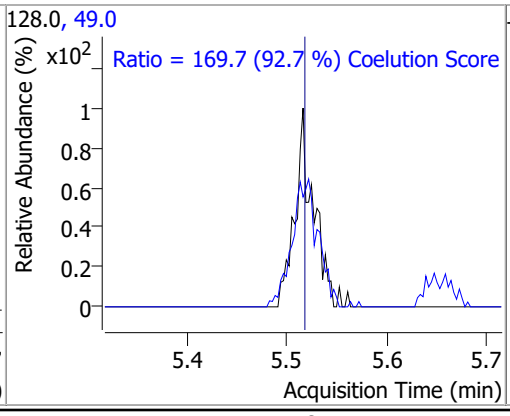


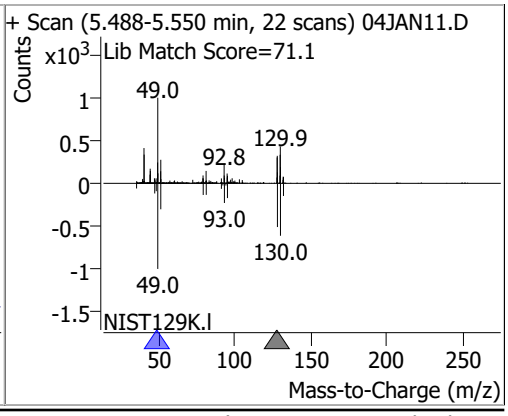




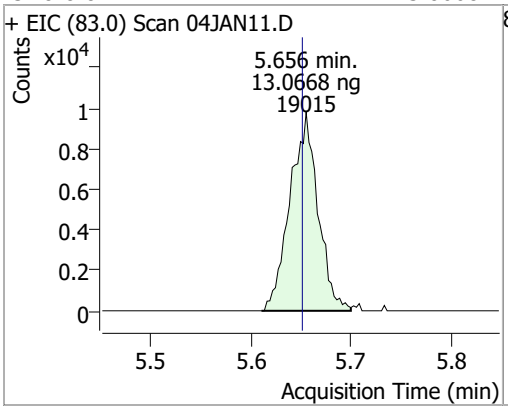
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	12.9568	5.52	0.00	4275	49.0	169.7	152.9	212.9

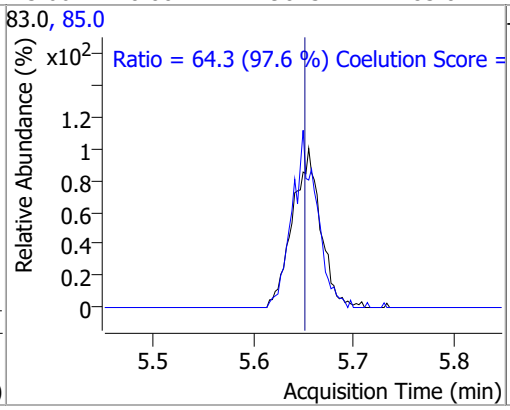


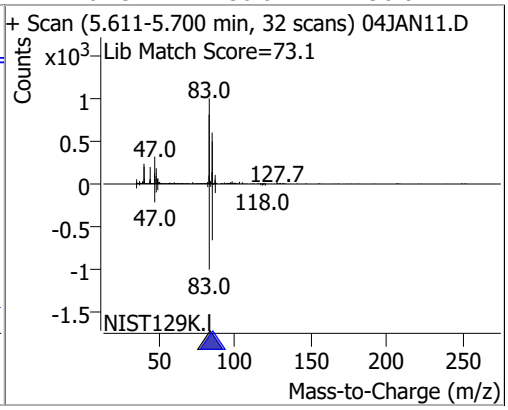




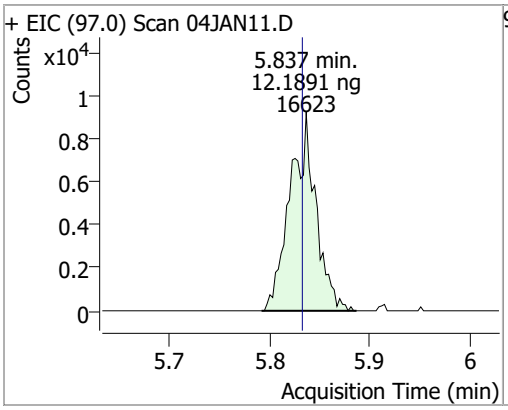
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	13.0668	5.66	0.00	19015	85.0	64.3	36.0	96.0

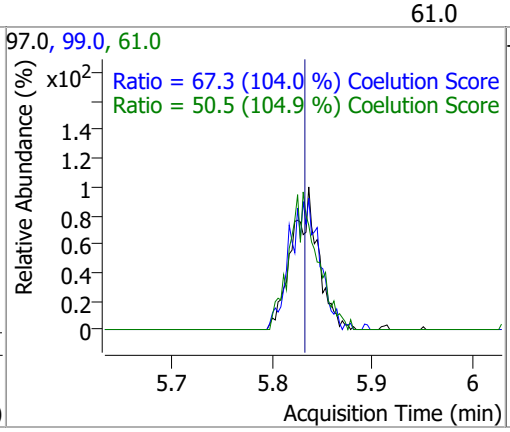


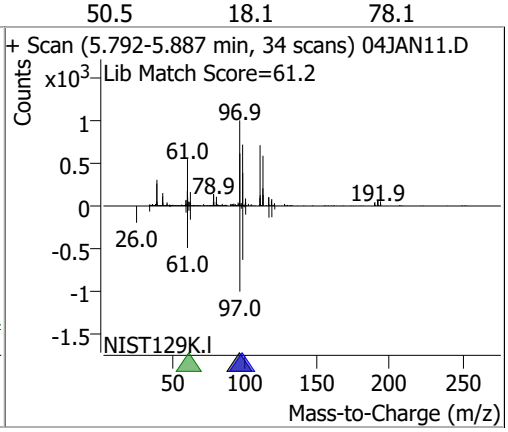




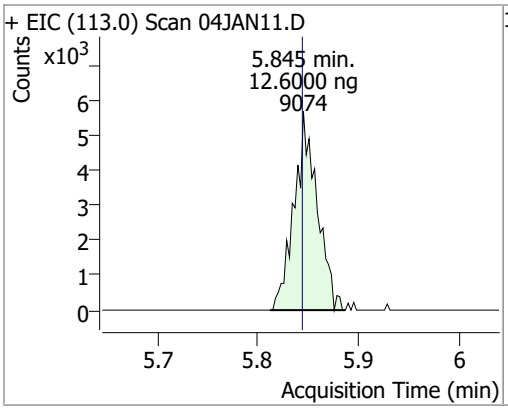
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	12.1891	5.84	0.00	16623	99.0	67.3	34.7	94.7
					61.0	50.5	18.1	78.1

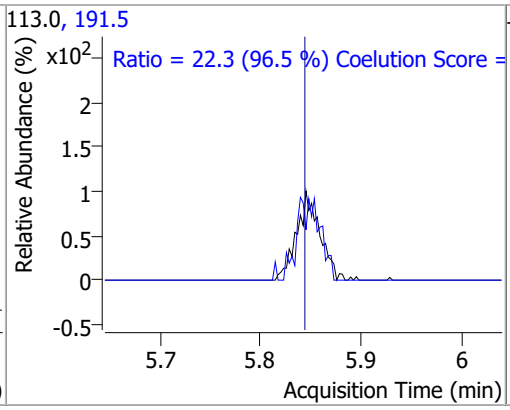


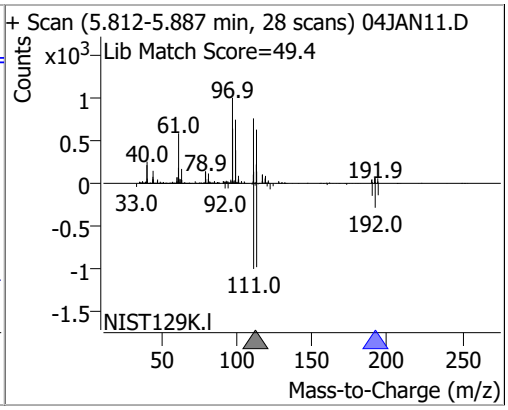




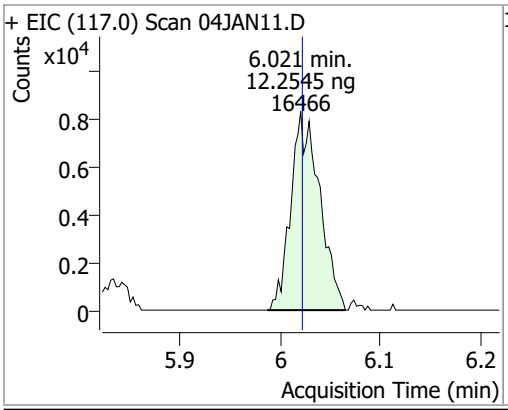
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	12.6000	5.85	0.00	9074	191.5	22.3	0.0	53.1

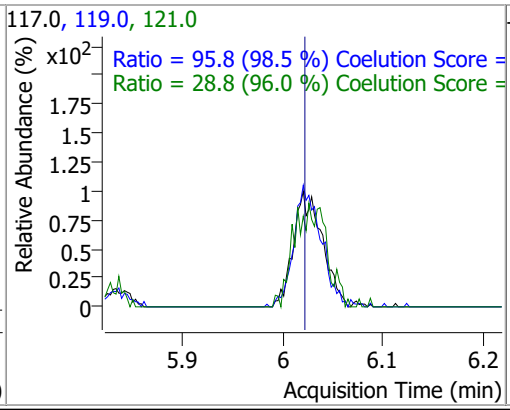


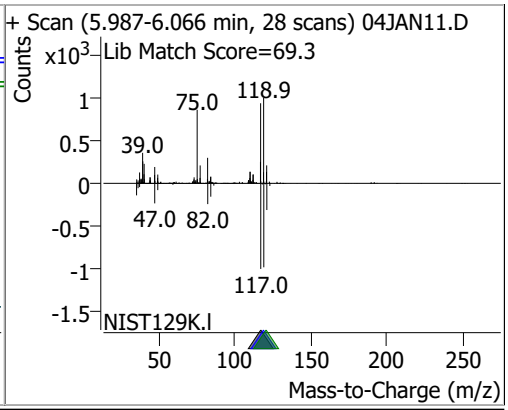




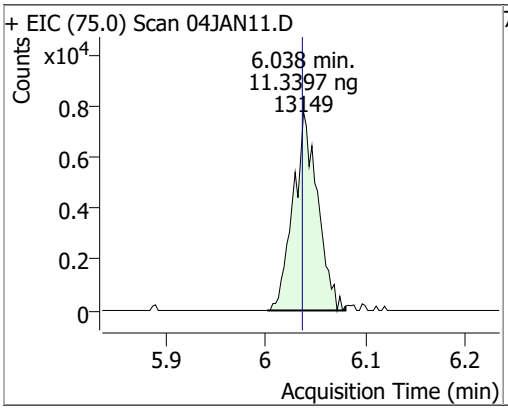
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	12.2545	6.02	0.00	16466	119.0	95.8	67.2	127.2
					121.0	28.8	0.1	60.1

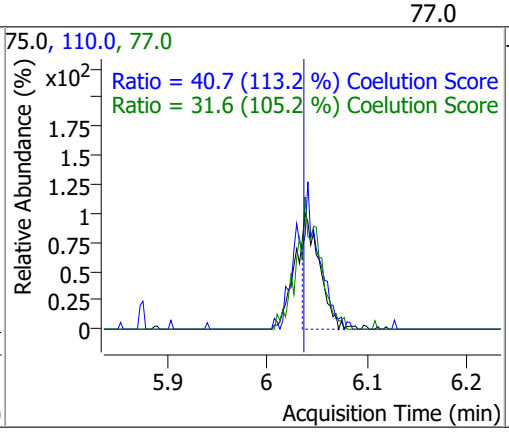


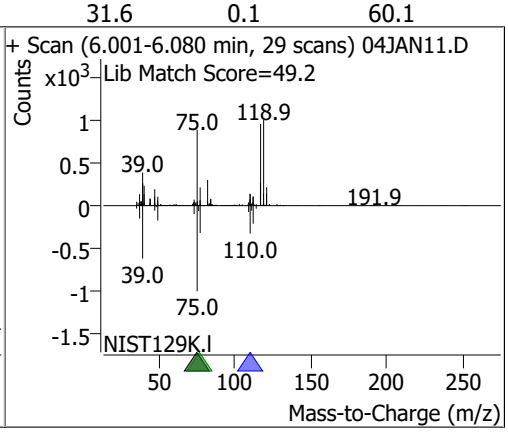




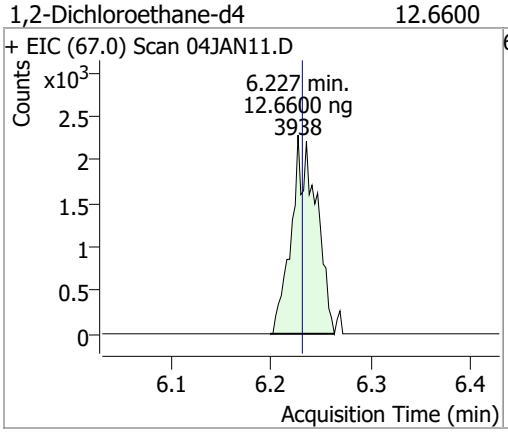
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	11.3397	6.04	0.00	13149	110.0	40.7	5.9	65.9
					77.0	31.6	0.1	60.1

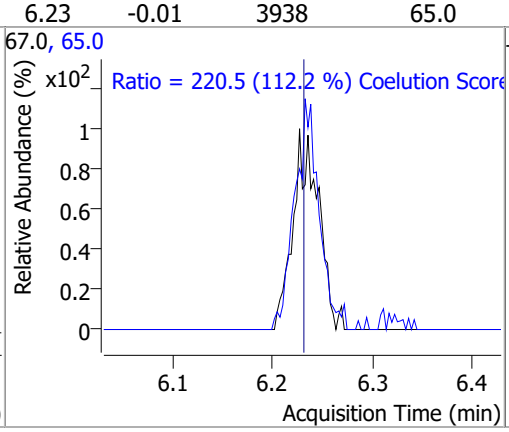


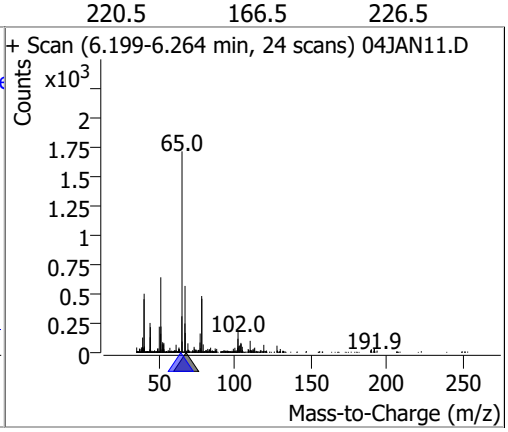




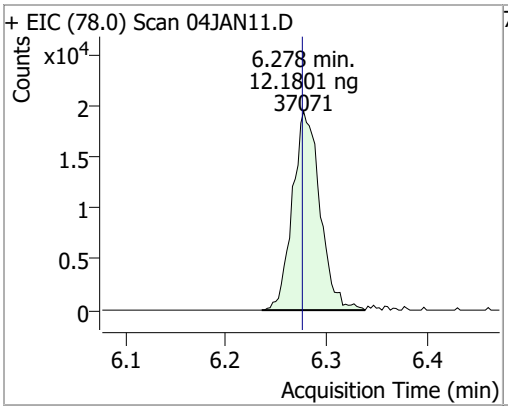
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	12.6600	6.23	-0.01	3938	65.0	220.5	166.5	226.5

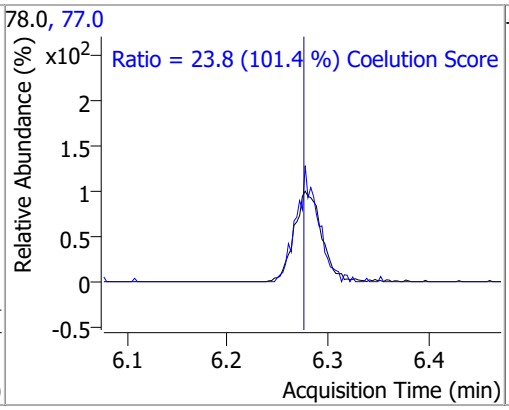


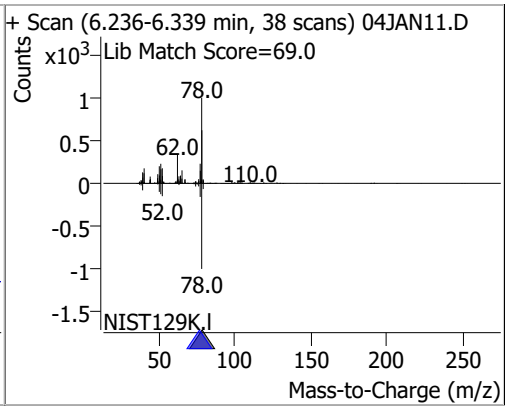




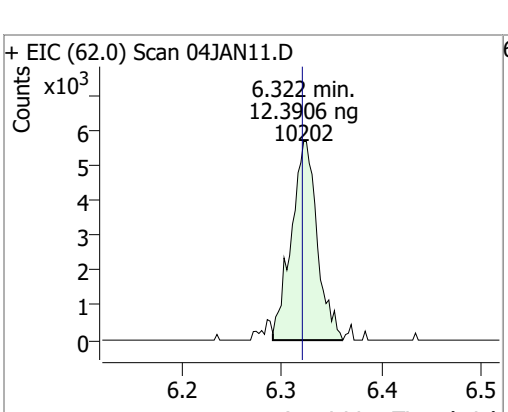
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	12.1801	6.28	0.00	37071	77.0	23.8	0.0	53.5

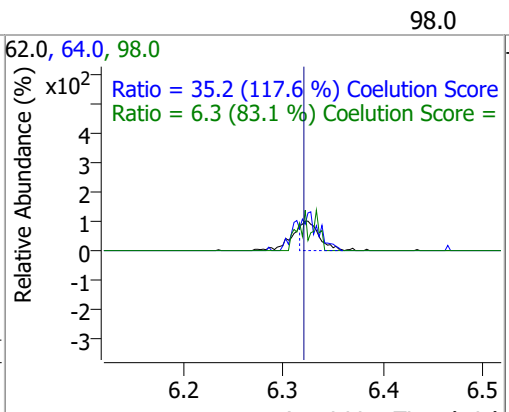


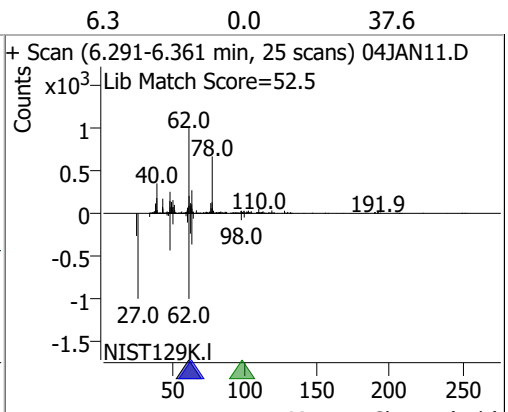




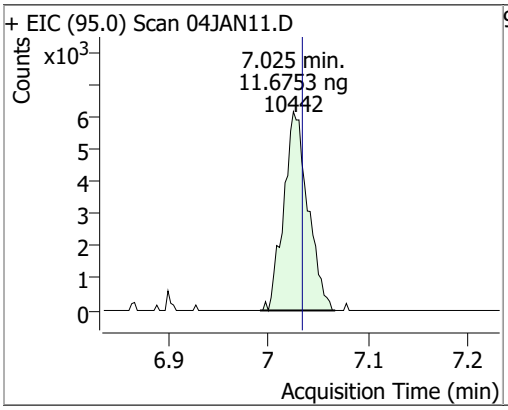
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	12.3906	6.32	0.00	10202	64.0	35.2	0.0	59.9
					98.0	6.3	0.0	37.6

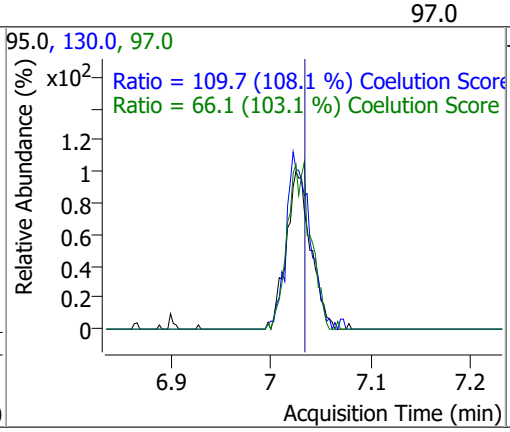


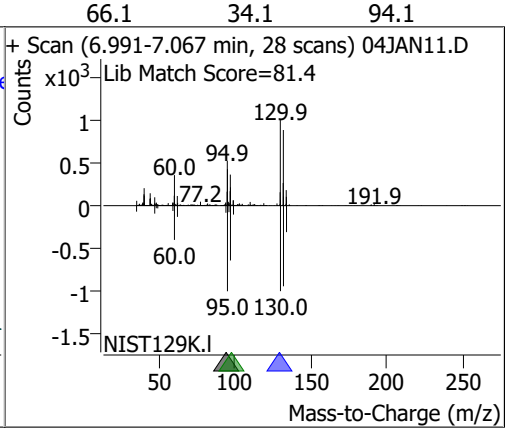




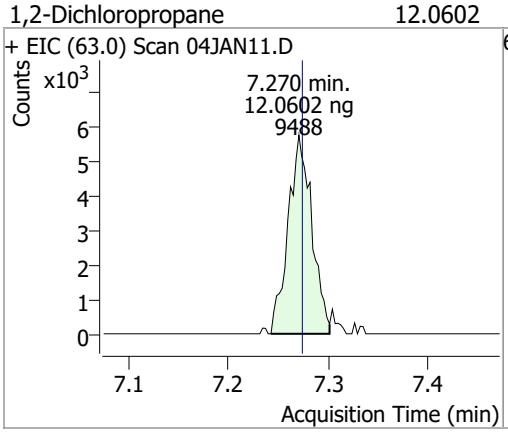
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	11.6753	7.02	-0.01	10442	130.0	109.7	71.5	131.5
					97.0	66.1	34.1	94.1

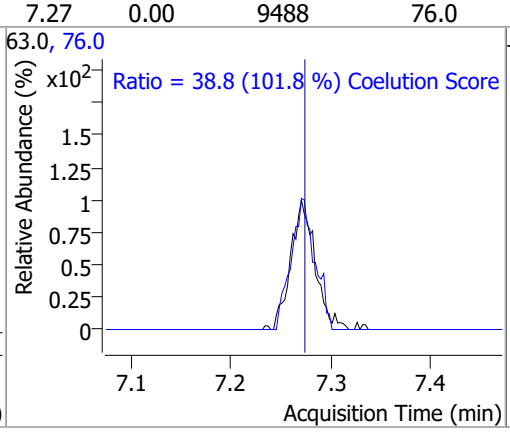


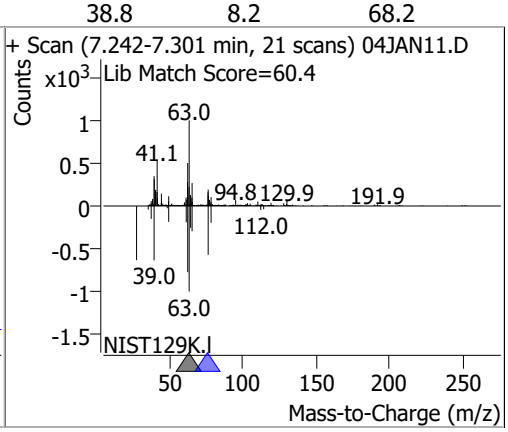




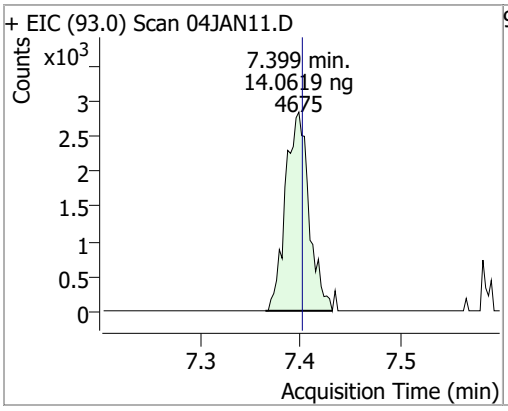
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	12.0602	7.27	0.00	9488	76.0	38.8	8.2	68.2

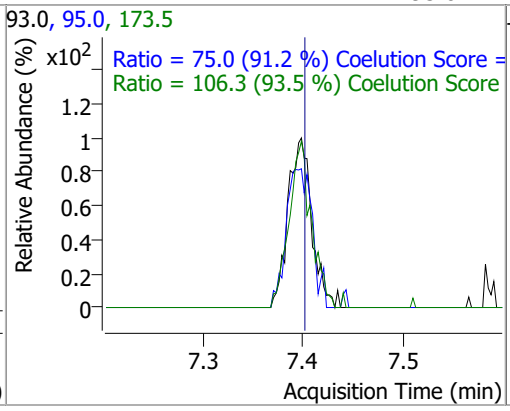


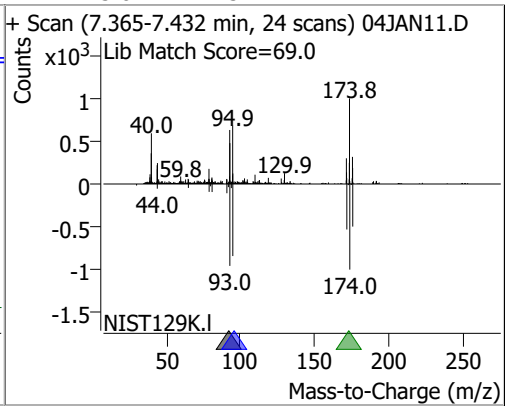




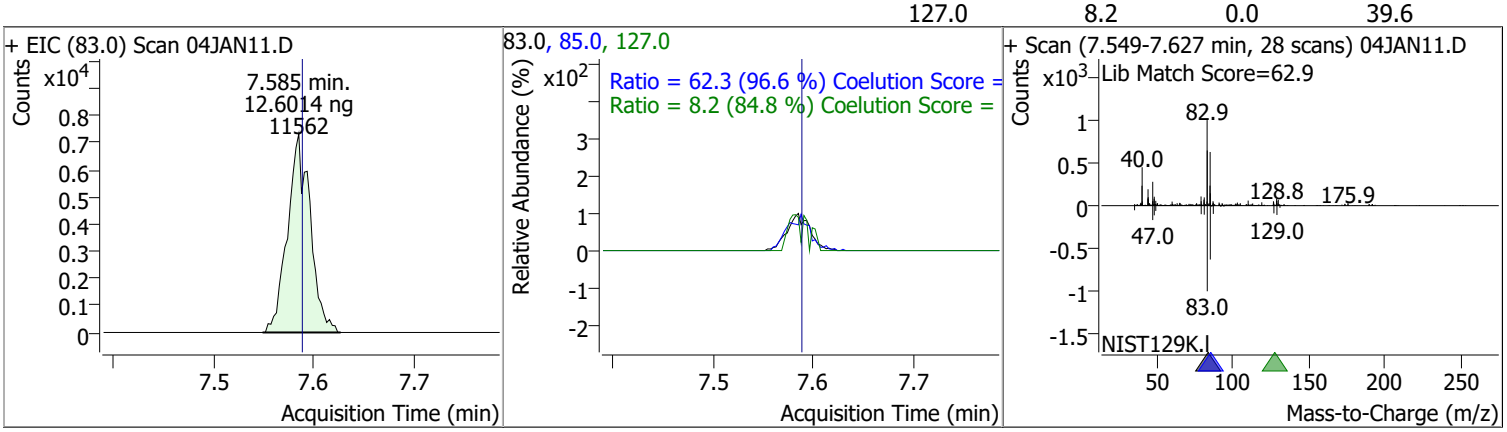
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	14.0619	7.40	0.00	4675	173.5	106.3	83.7	143.7
					95.0	75.0	52.2	112.2



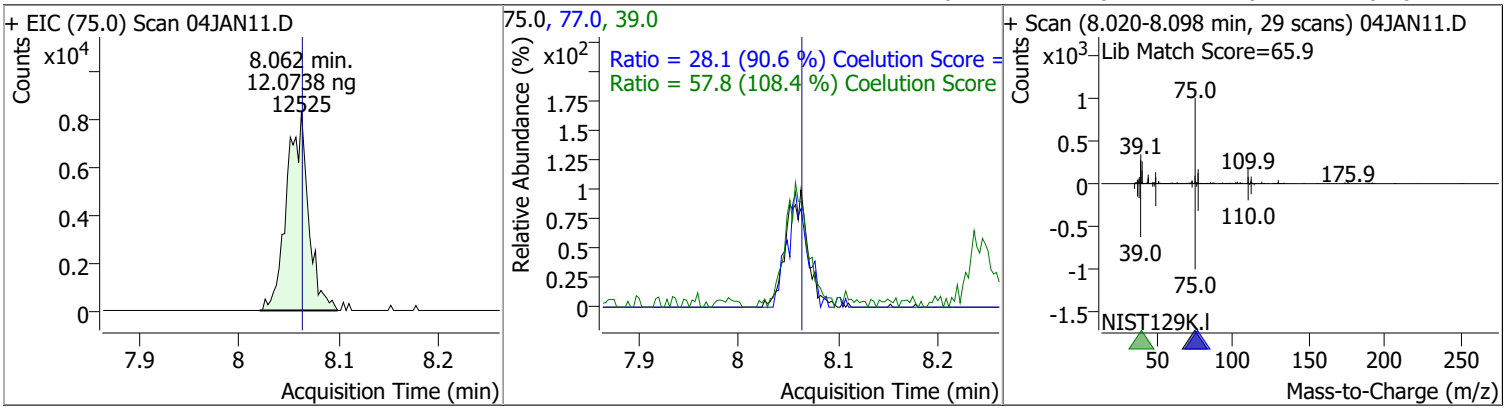




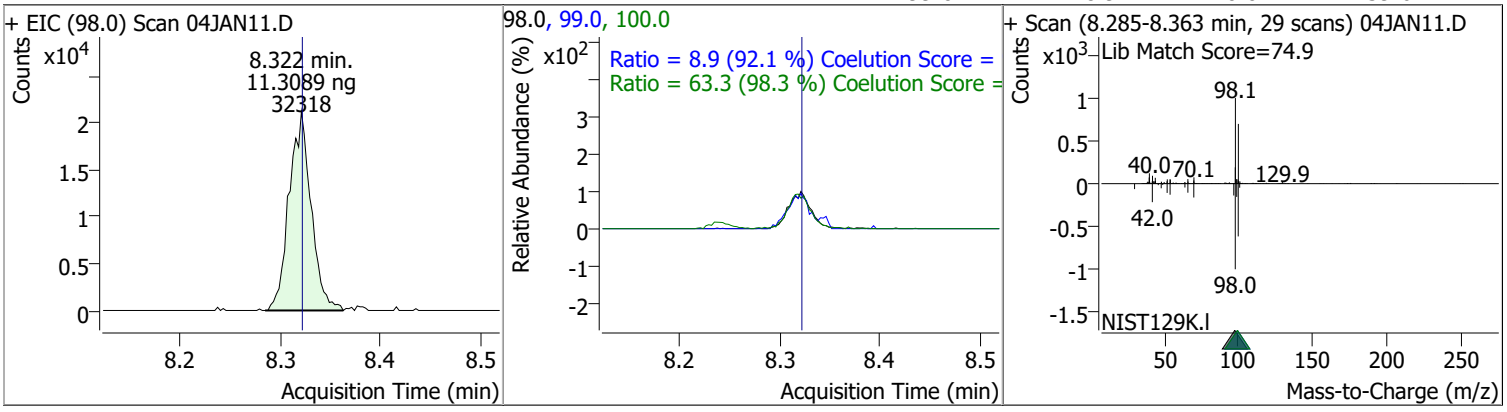
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	12.6014	7.59	0.00	11562	85.0	62.3	34.5	94.5
					127.0	8.2	0.0	39.6



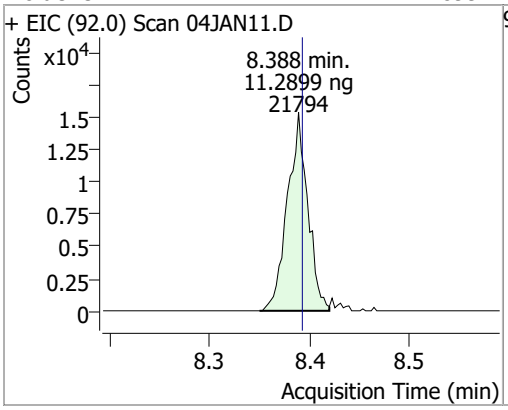
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	12.0738	8.06	0.00	12525	39.0	57.8	23.3	83.3
					77.0	28.1	1.0	61.0

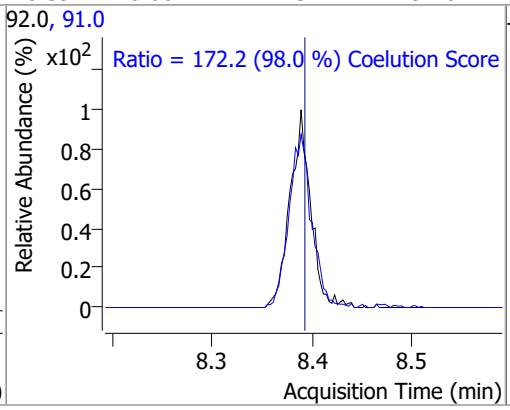


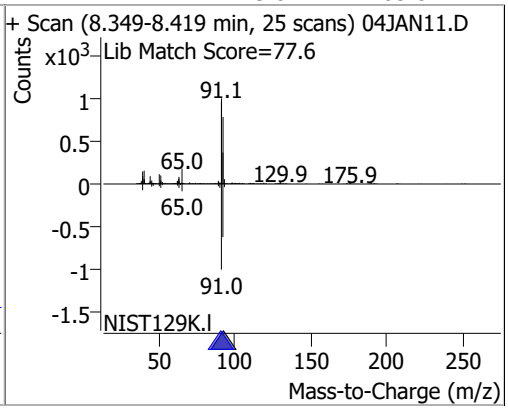
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	11.3089	8.32	0.00	32318	100.0	63.3	34.4	94.4
					99.0	8.9	0.0	39.6



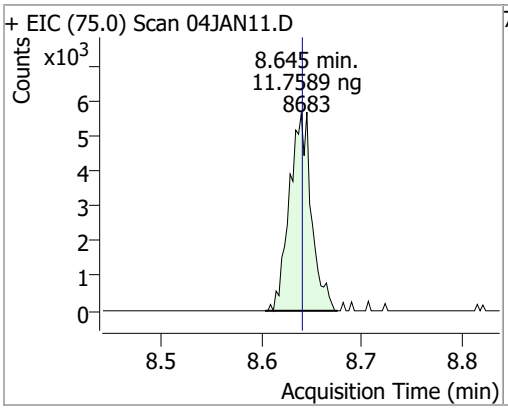
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	11.2899	8.39	0.00	21794	91.0	172.2	145.8	205.8

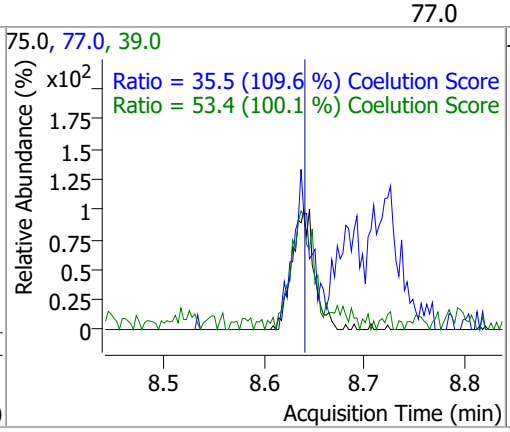


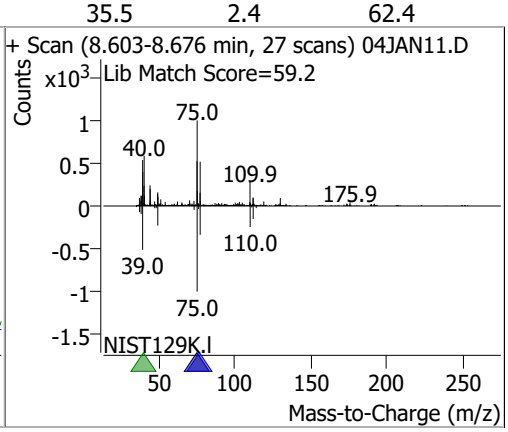




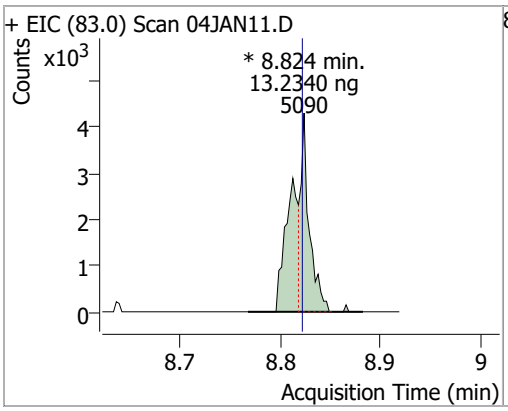
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	11.7589	8.65	0.01	8683	39.0	53.4	23.4	83.4
					77.0	35.5	2.4	62.4

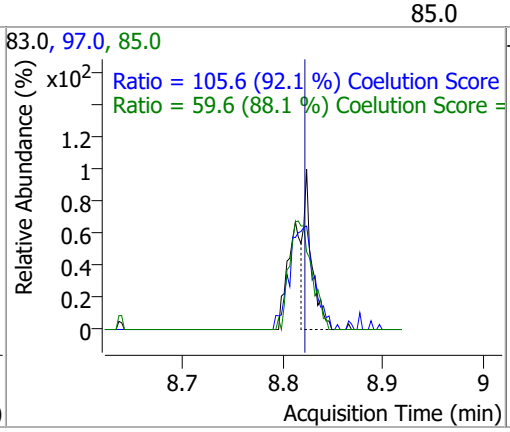


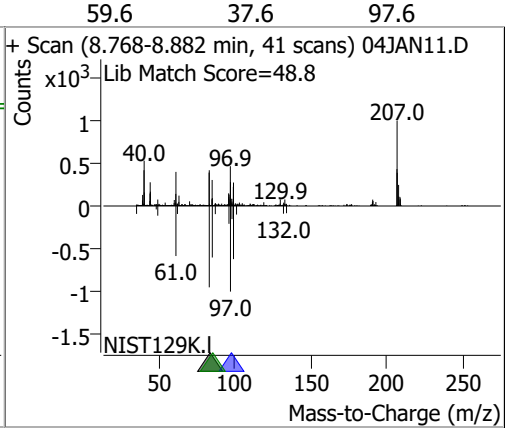




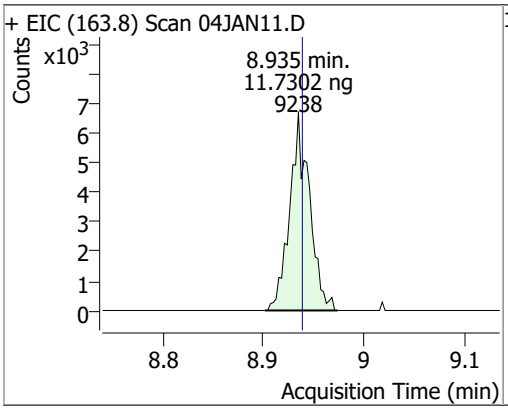
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	13.2340	8.82	0.01	5090 (m)	97.0	105.6	84.6	144.6
					85.0	59.6	37.6	97.6

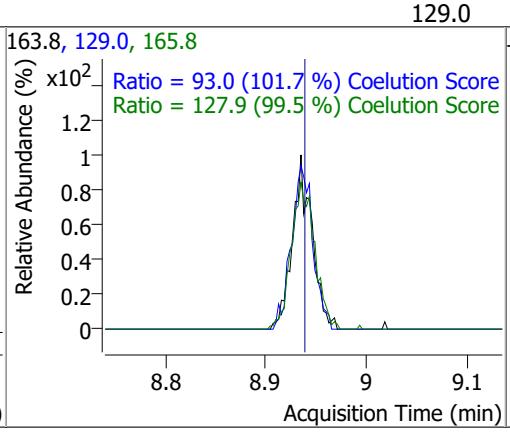


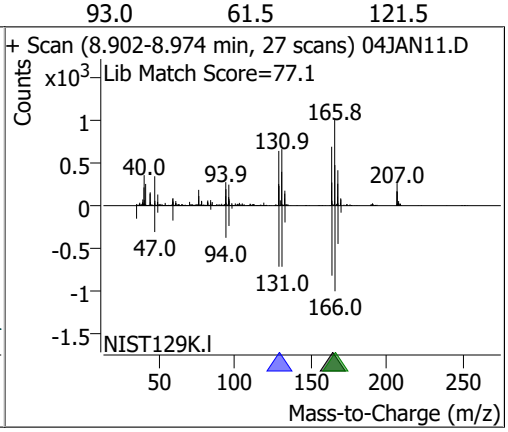




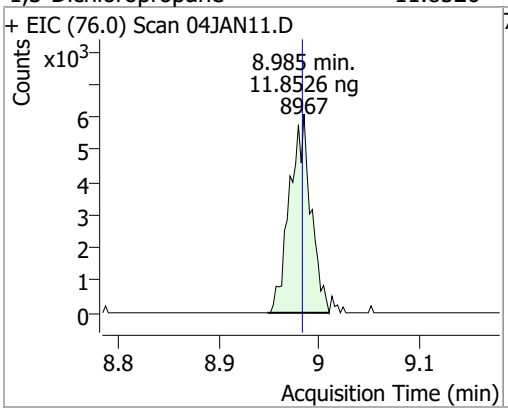
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	11.7302	8.94	0.00	9238	165.8	127.9	98.6	158.6
					129.0	93.0	61.5	121.5

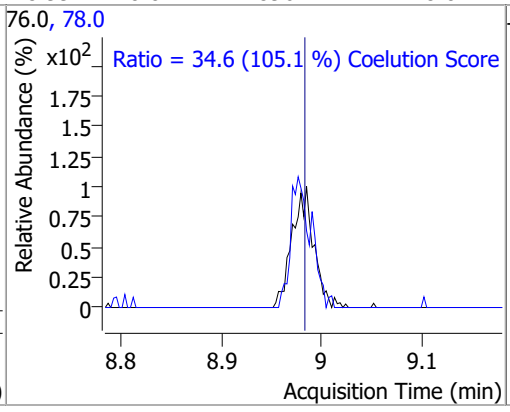


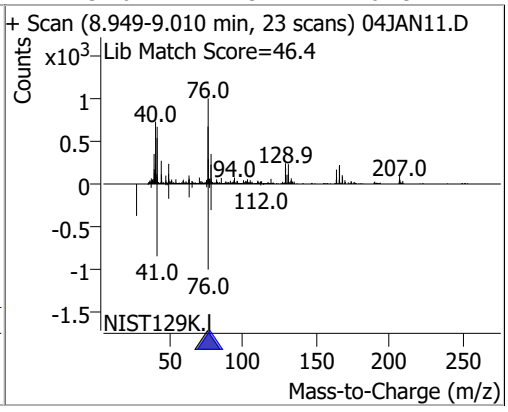




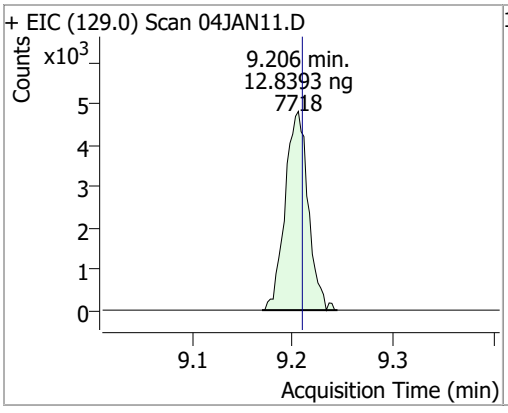
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	11.8526	8.99	0.01	8967	78.0	34.6	2.9	62.9

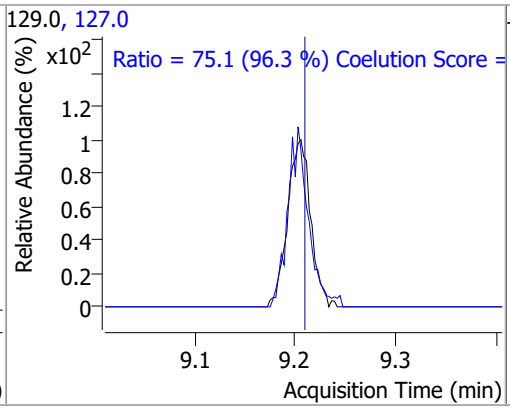


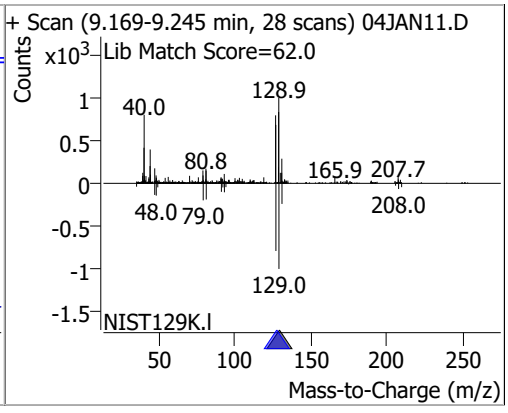




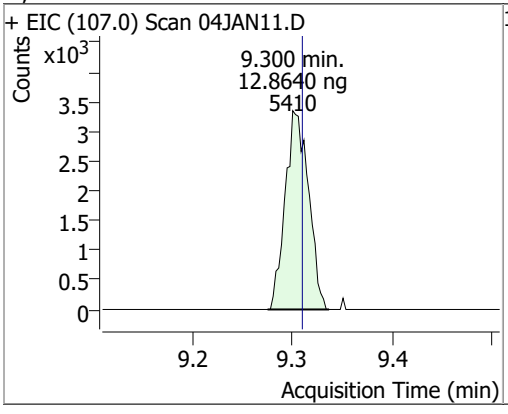
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	12.8393	9.21	0.00	7718	127.0	75.1	48.0	108.0

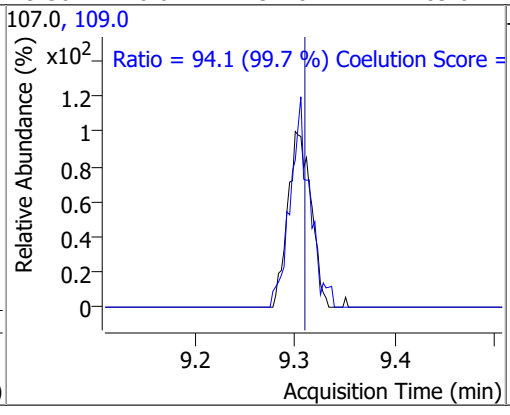


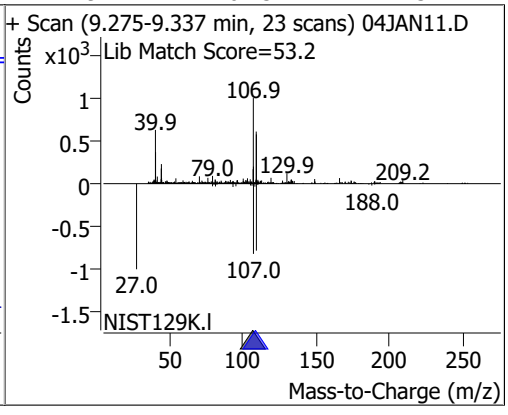




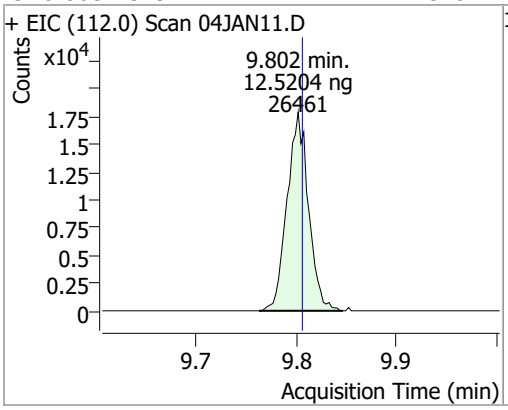
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	12.8640	9.30	-0.01	5410	109.0	94.1	64.5	124.5

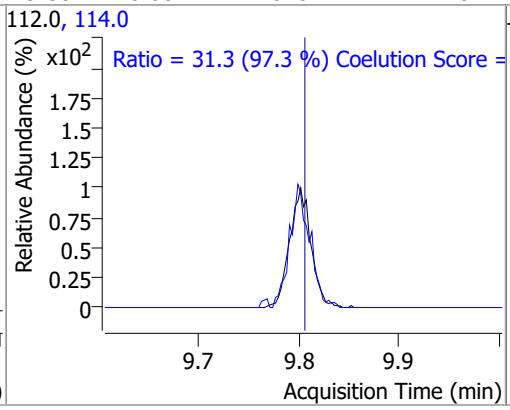


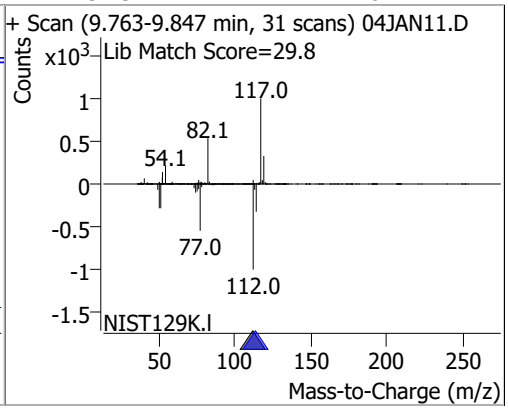




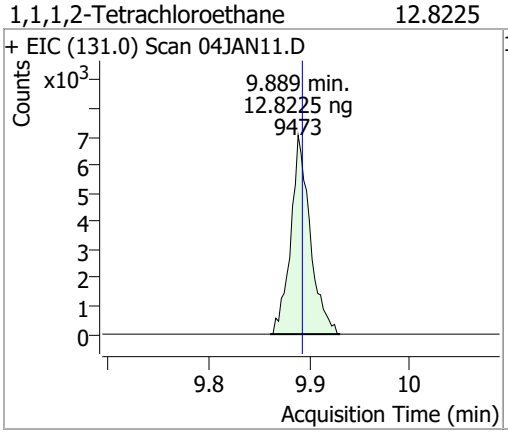
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	12.5204	9.80	0.00	26461	114.0	31.3	2.1	62.1

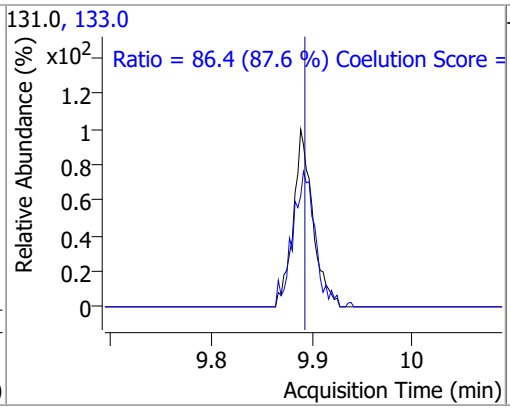


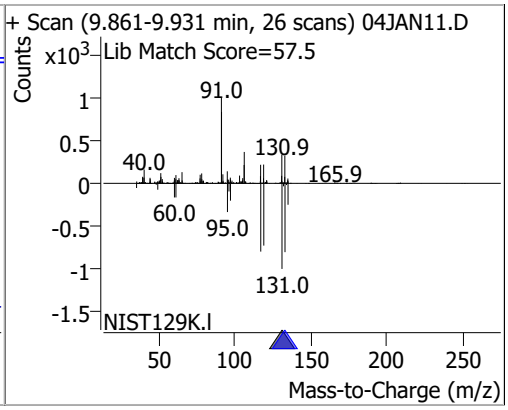




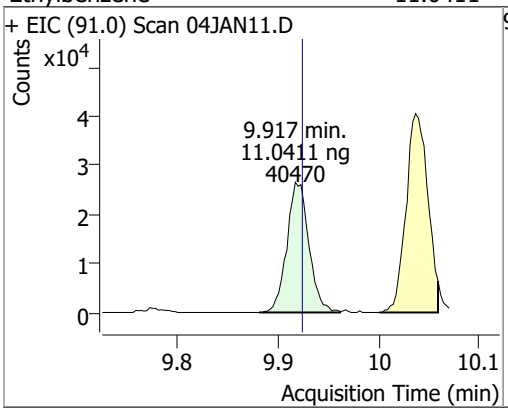
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	12.8225	9.89	0.00	9473	133.0	86.4	68.6	128.6

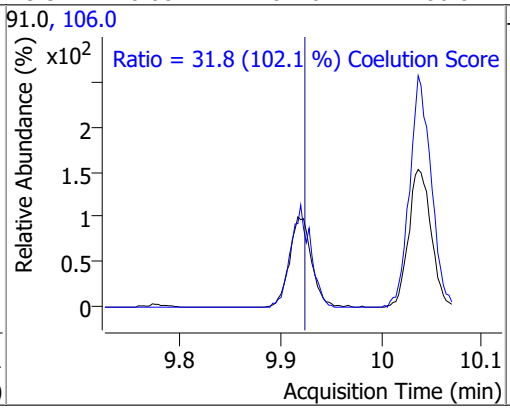


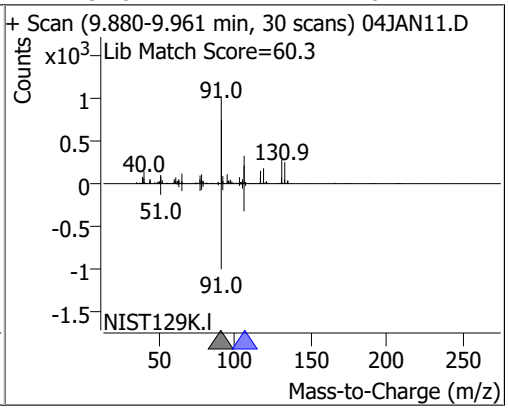




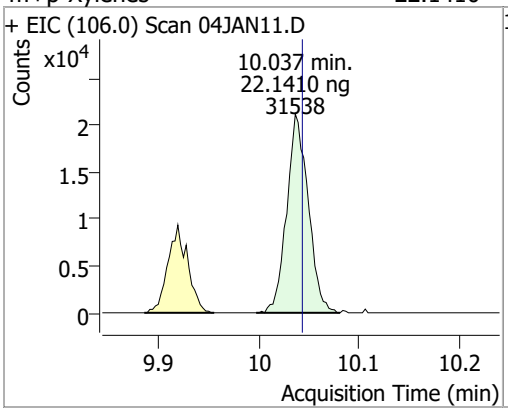
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	11.0411	9.92	0.00	40470	106.0	31.8	1.1	61.1

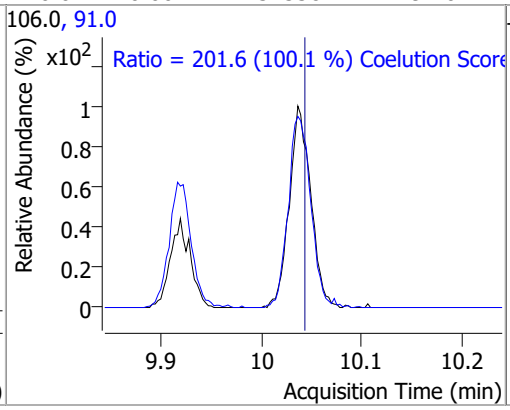


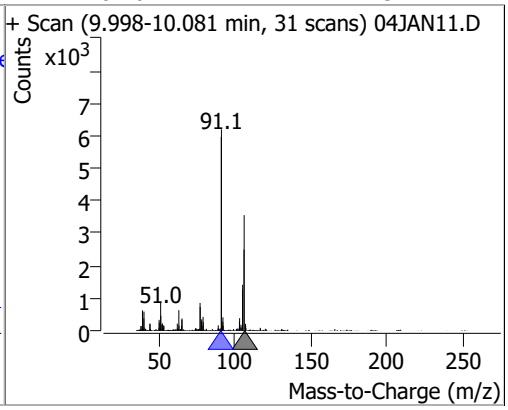




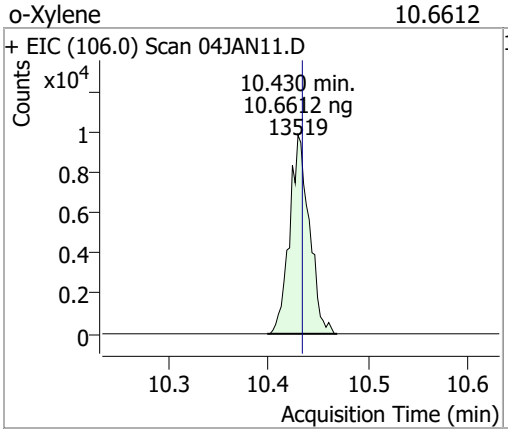
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	22.1410	10.04	0.00	31538	91.0	201.6	171.4	231.4

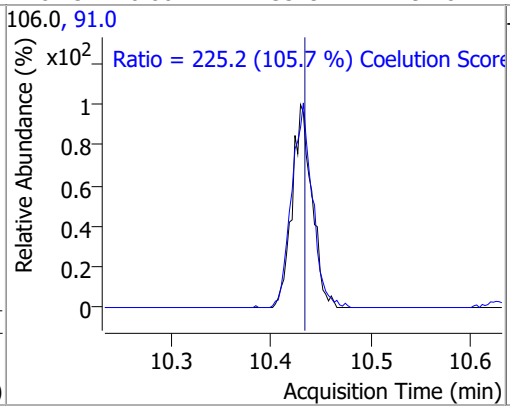


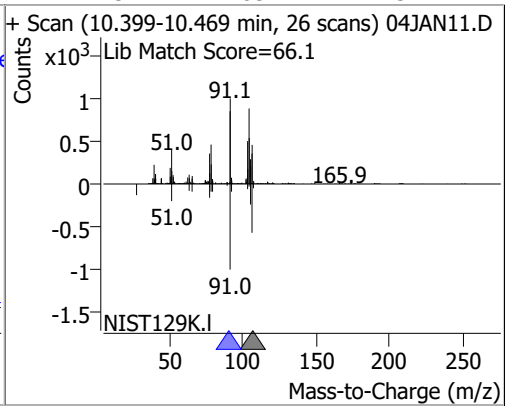




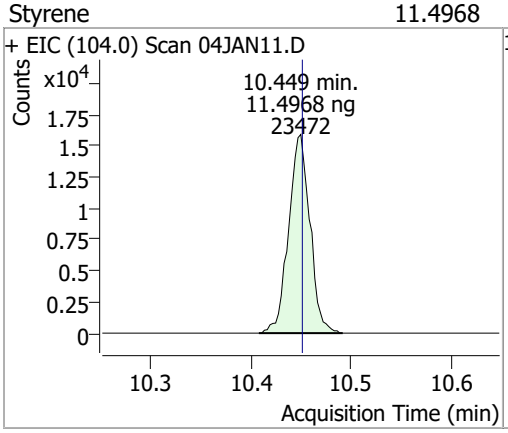
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	10.6612	10.43	0.00	13519	91.0	225.2	183.1	243.1

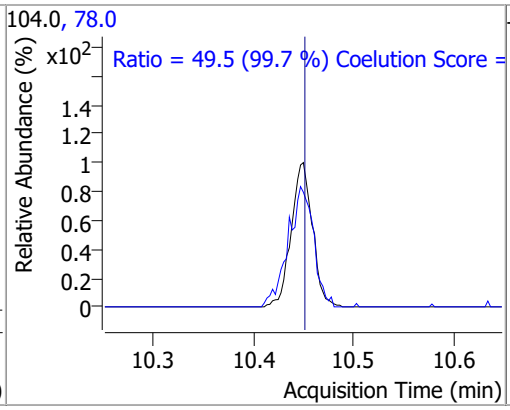


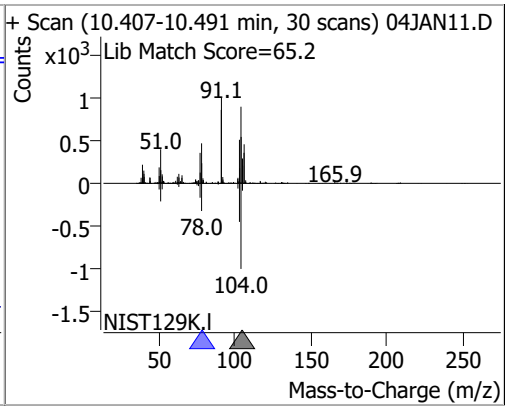




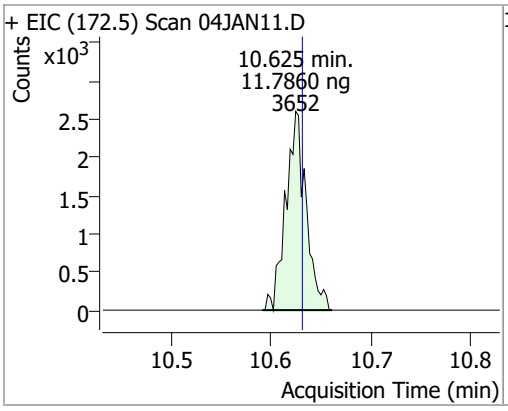
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	11.4968	10.45	0.00	23472	78.0	49.5	19.6	79.6

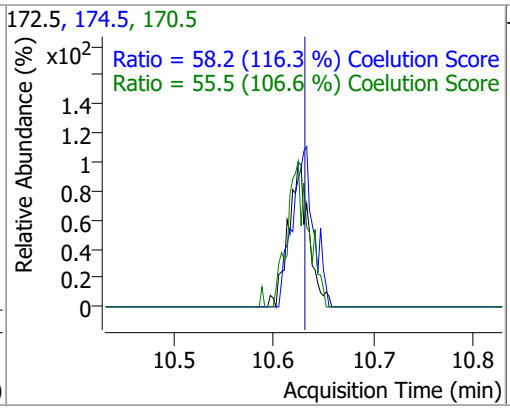


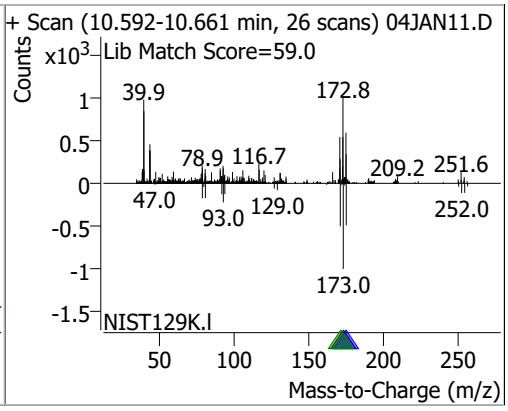




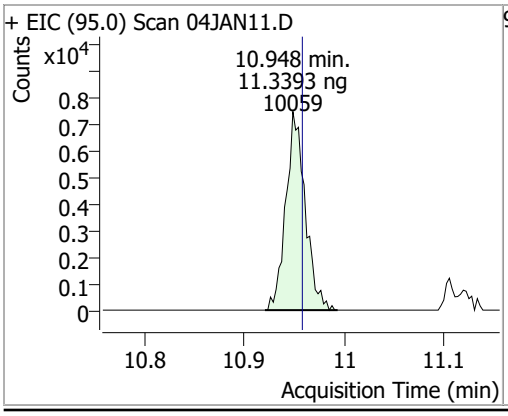
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	11.7860	10.62	0.00	3652	170.5	55.5	22.1	82.1
					174.5	58.2	20.1	80.1

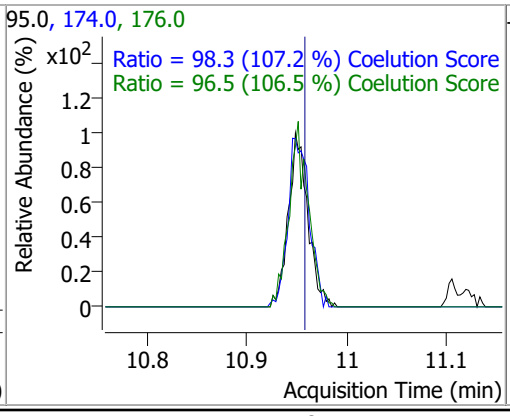


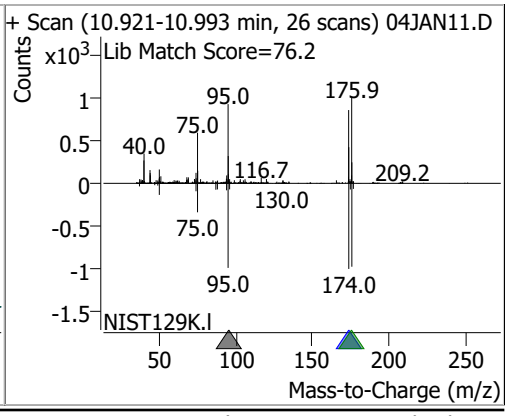




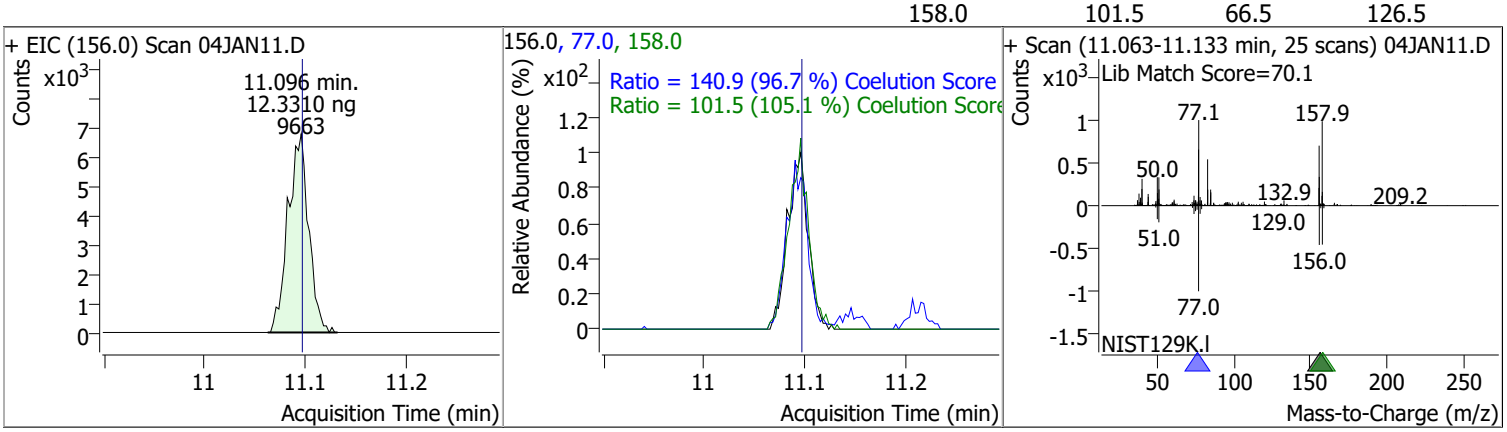
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	11.3393	10.95	-0.01	10059	174.0	98.3	61.7	121.7
					176.0	96.5	60.6	120.6



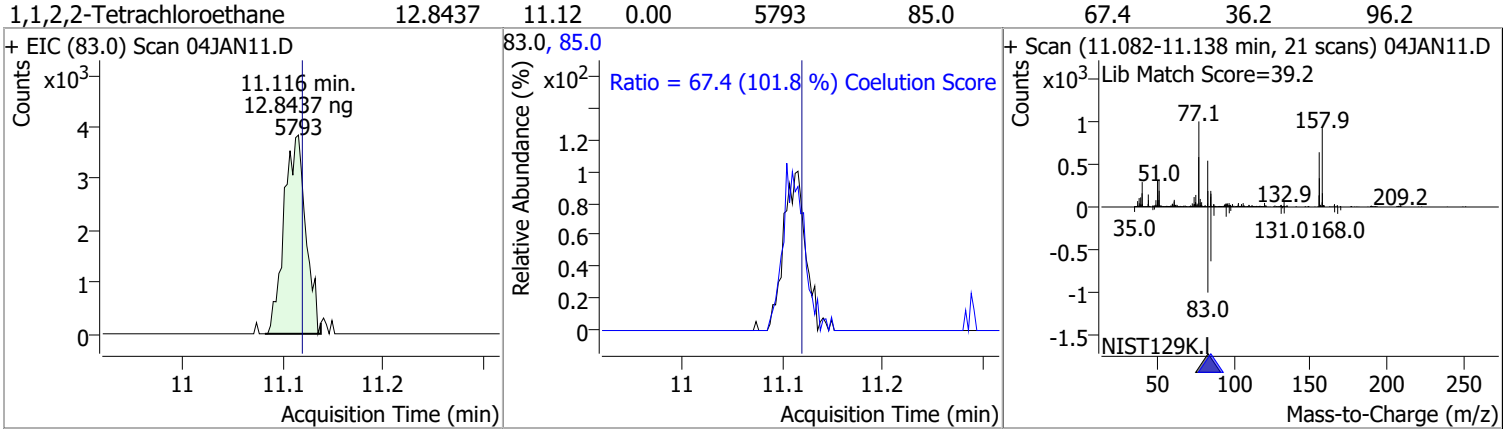




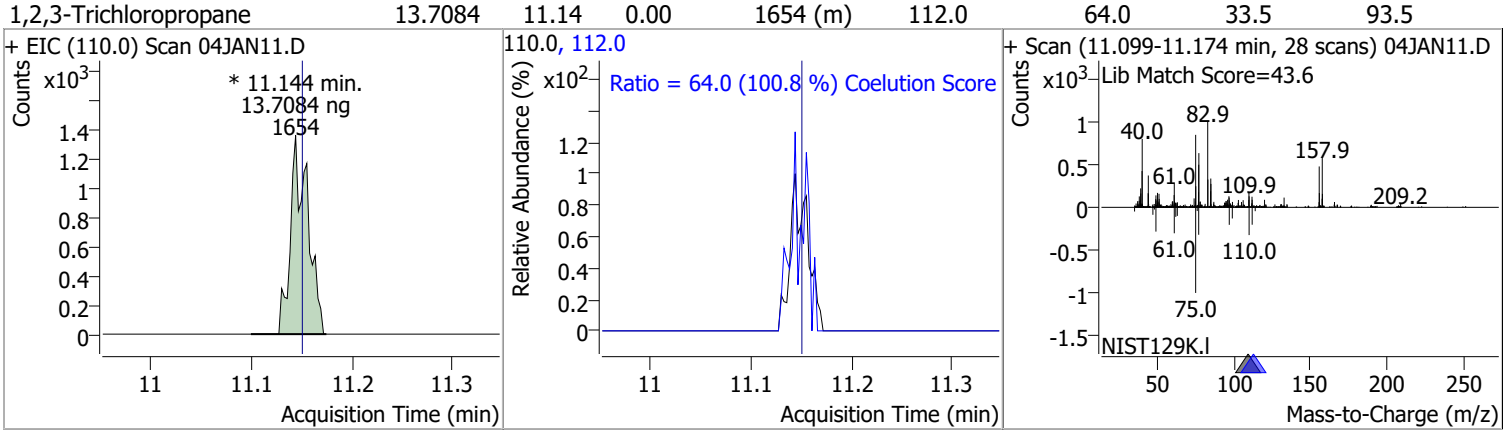
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	12.3310	11.10	0.00	9663	77.0	140.9	115.7	175.7
					158.0	101.5	66.5	126.5



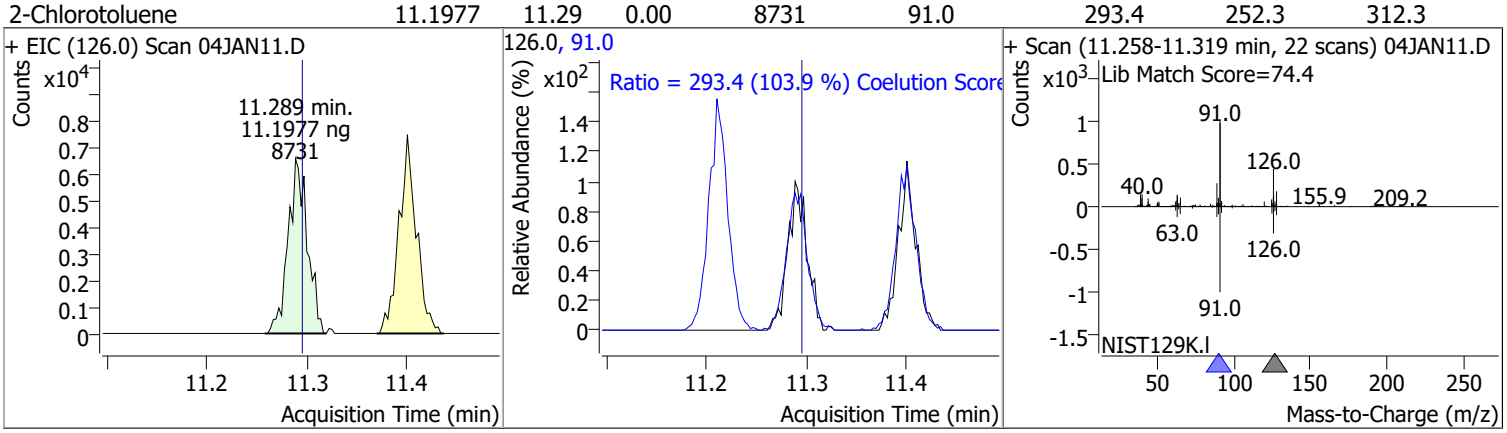
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	12.8437	11.12	0.00	5793	85.0	67.4	36.2	96.2



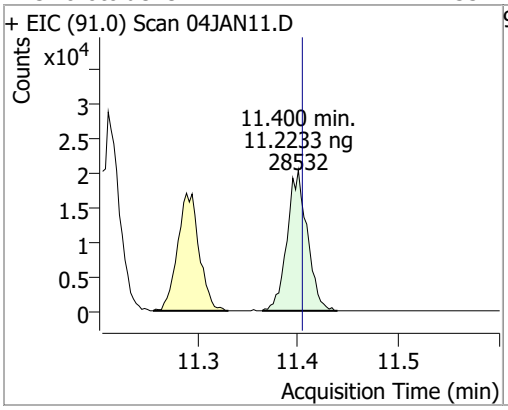
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	13.7084	11.14	0.00	1654 (m)	112.0	64.0	33.5	93.5

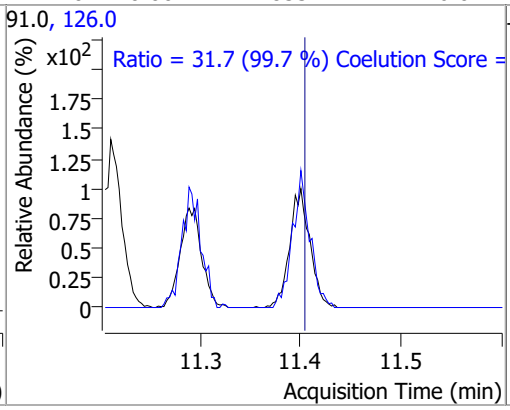


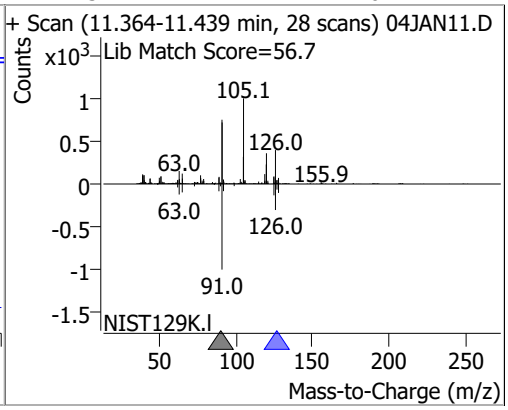
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	11.1977	11.29	0.00	8731	91.0	293.4	252.3	312.3



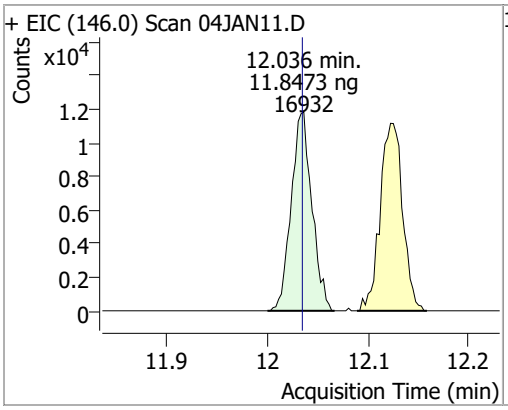
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	11.2233	11.40	0.00	28532	126.0	31.7	1.7	61.7

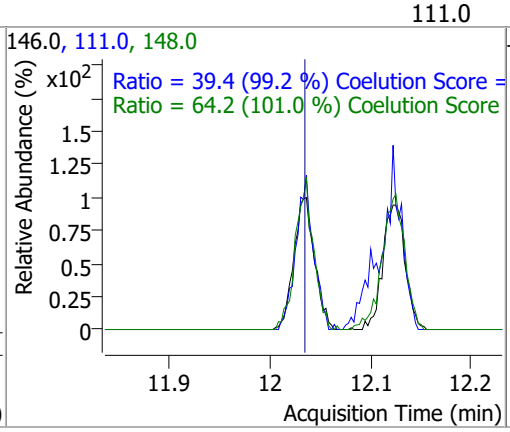


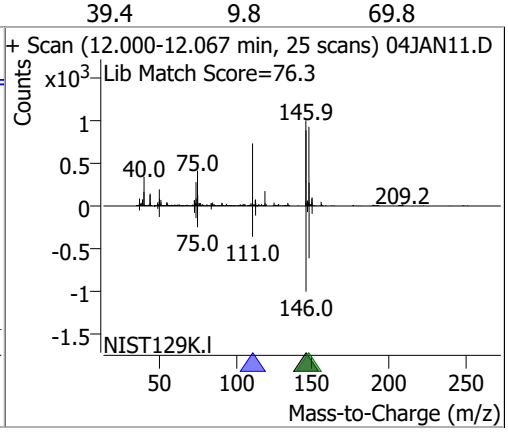




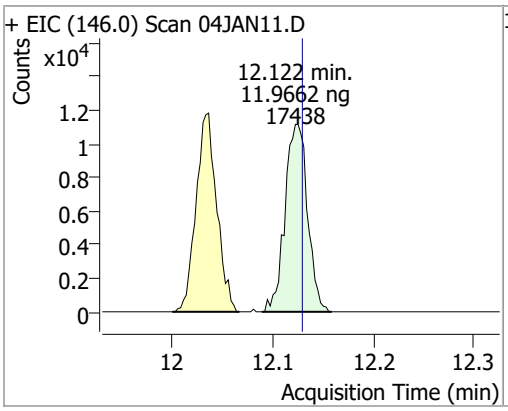
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	11.8473	12.04	0.01	16932	148.0	64.2	33.6	93.6
					111.0	39.4	9.8	69.8

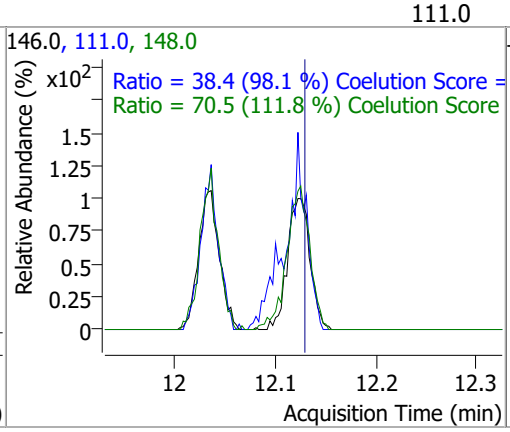


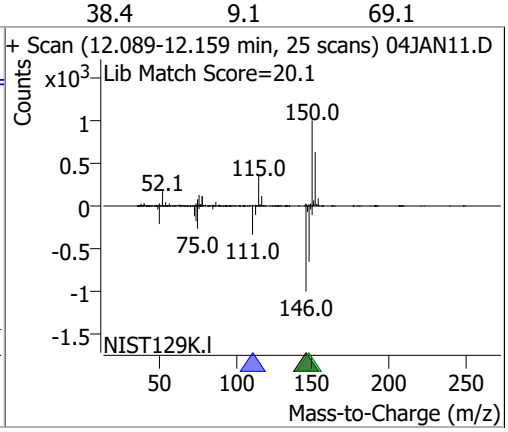




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	11.9662	12.12	0.00	17438	148.0	70.5	33.1	93.1
					111.0	38.4	9.1	69.1

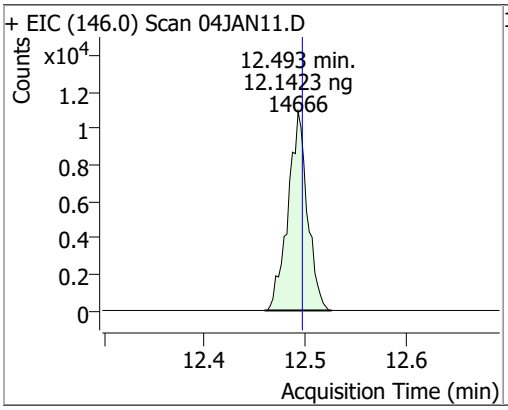


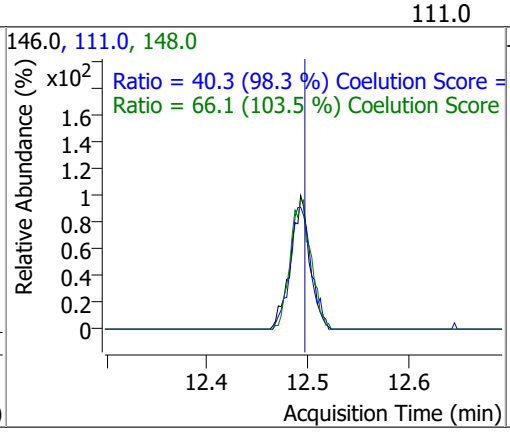


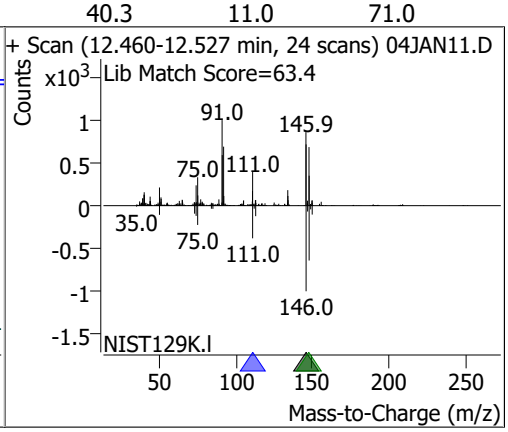


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	12.1423	12.49	0.00	14666	148.0	66.1	33.9	93.9
					111.0	40.3	11.0	71.0







Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04JAN12.D	Operator	MSC
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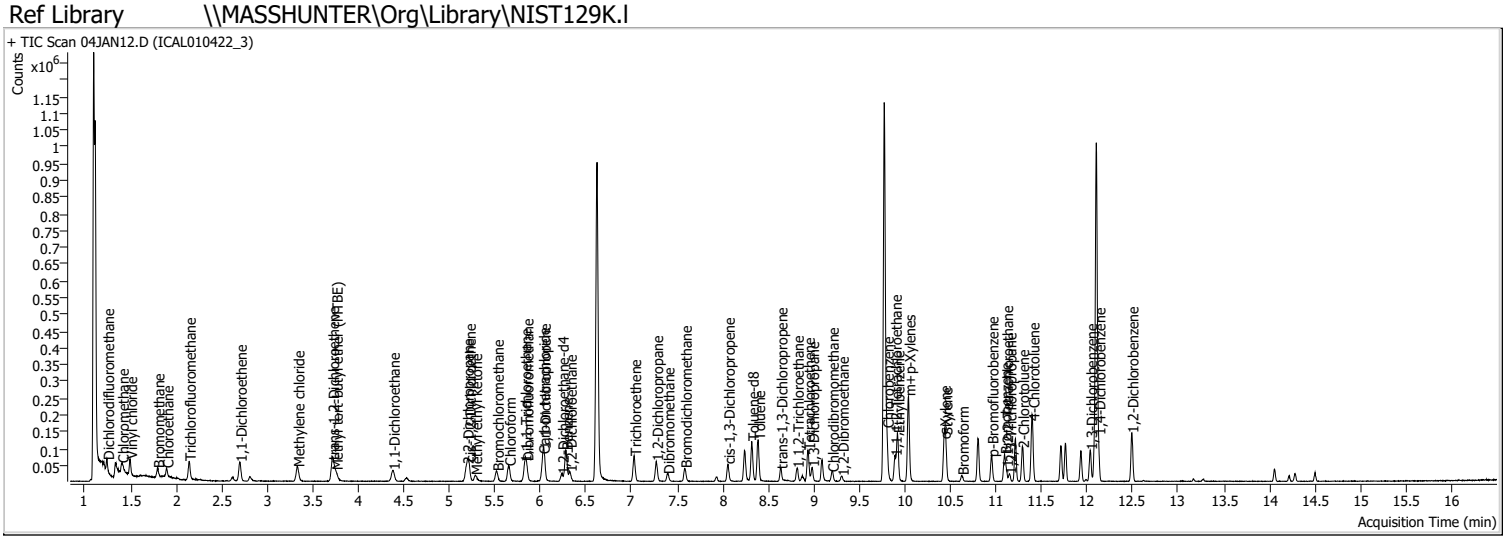
Sample Name	ICAL010422_3	Instrument	VOA5975C
Vial	12	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

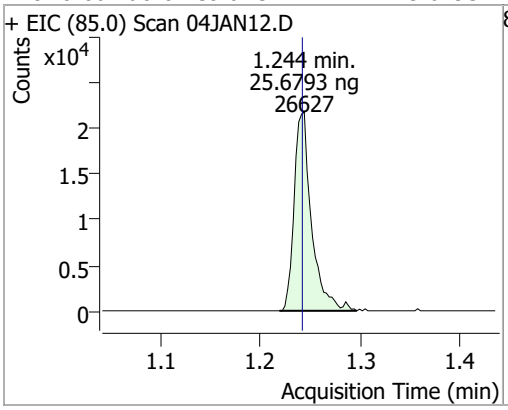


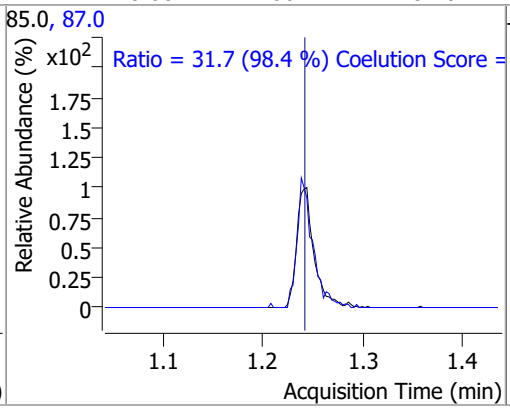
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	791270	250.0000	ng		-0.003
M Chlorobenzene-d5	9.775	82.0	301338	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	240335	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	19100	25.6219	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 10.25%		*	
S 1,2-Dichloroethane-d4	6.236	67.0	8284	25.7280	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 10.29%		*	
S Toluene-d8	8.319	98.0	67673	23.3046	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 9.32%		*	
S p-Bromofluorobenzene	10.951	95.0	22267	25.2899	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 10.12%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.244	85.0	26627	25.6793	ng		99
T Chloromethane	1.406	50.0	33153	26.3422	ng		95
T Vinyl chloride	1.495	62.0	29046	25.6488	ng		80
T Bromomethane	1.796	96.0	13054	25.7793	ng		99
T Chloroethane	1.897	64.0	14646	26.1250	ng	m	92
T Trichlorofluoromethane	2.142	101.0	37464	26.6531	ng		98
T 1,1-Dichloroethene	2.700	96.0	20631	25.8849	ng		93
T Methylene chloride	3.333	49.0	30908	26.3058	ng		100
T trans-1,2-Dichloroethene	3.712	96.0	20706	25.4641	ng		97
T Methyl tert-butyl ether (MTBE)	3.754	73.0	24218	23.0418	ng		92
T 1,1-Dichloroethane	4.379	63.0	38874	25.6835	ng		97
T 2,2-Dichloropropane	5.190	77.0	29793	26.2692	ng		100
T cis-1,2-Dichloroethene	5.212	96.0	20252	24.5653	ng		98
T Methyl ethyl ketone	5.282	43.0	26248	235.0504	ng		98
T Bromochloromethane	5.522	128.0	8688	25.4383	ng		98
T Chloroform	5.653	83.0	36413	24.1734	ng		97

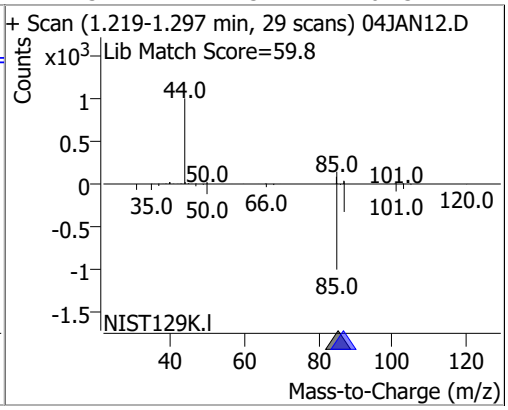
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.826	97.0	35547	25.1809	ng		96
T Carbon tetrachloride	6.024	117.0	34462	24.7773	ng		99
T 1,1-Dichloropropene	6.038	75.0	29241	24.3617	ng		96
T Benzene	6.278	78.0	74956	23.7919	ng		97
T 1,2-Dichloroethane	6.322	62.0	19996	23.4616	ng		97
T Trichloroethene	7.028	95.0	21946	24.1484	ng		98
T 1,2-Dichloropropane	7.270	63.0	20077	25.1147	ng		98
T Dibromomethane	7.393	93.0	8055	23.8439	ng		97
T Bromodichloromethane	7.583	83.0	22743	24.3940	ng		98
T cis-1,3-Dichloropropene	8.057	75.0	24511	23.2528	ng		97
T Toluene	8.389	92.0	46355	23.6319	ng		99
T trans-1,3-Dichloropropene	8.634	75.0	17850	23.7894	ng		97
T 1,1,2-Trichloroethane	8.815	83.0	10099	25.8400	ng		95
T Tetrachloroethene	8.935	163.8	20322	25.3948	ng		97
T 1,3-Dichloropropane	8.983	76.0	18745	24.3839	ng		99
T Chlorodibromomethane	9.197	129.0	14873	24.3492	ng		99
T 1,2-Dibromoethane	9.309	107.0	10410	24.3601	ng		95
T Chlorobenzene	9.802	112.0	53047	24.7015	ng		100
T 1,1,1,2-Tetrachloroethane	9.889	131.0	18130	24.1509	ng		100
T Ethylbenzene	9.917	91.0	88428	23.7421	ng		100
T m+p-Xylenes	10.039	106.0	66267	45.7836	ng		98
T o-Xylene	10.427	106.0	30463	23.6420	ng		98
T Styrene	10.447	104.0	48569	23.4119	ng		97
T Bromoform	10.625	172.5	7972	25.9212	ng		96
T Bromobenzene	11.094	156.0	19259	24.7613	ng		94
T 1,1,2,2-Tetrachloroethane	11.110	83.0	12440	27.7883	ng		93
T 1,2,3-Trichloropropane	11.149	110.0	3200	26.7144	ng	m	96
T 2-Chlorotoluene	11.286	126.0	19390	25.0550	ng		94
T 4-Chlorotoluene	11.400	91.0	61551	24.3936	ng		100
T 1,3-Dichlorobenzene	12.033	146.0	36559	25.7725	ng		97
T 1,4-Dichlorobenzene	12.125	146.0	36635	25.3284	ng		92
T 1,2-Dichlorobenzene	12.488	146.0	29899	24.9402	ng		98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

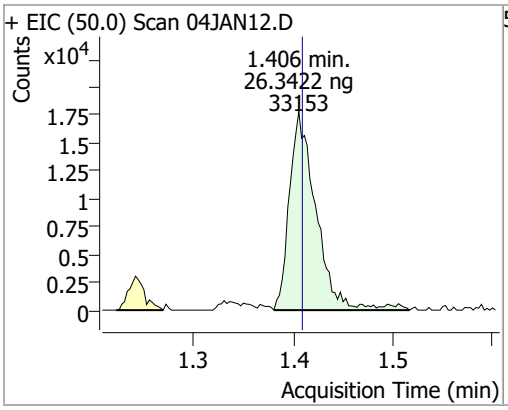
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	25.6793	1.24	0.00	26627	87.0	31.7	2.3	62.3

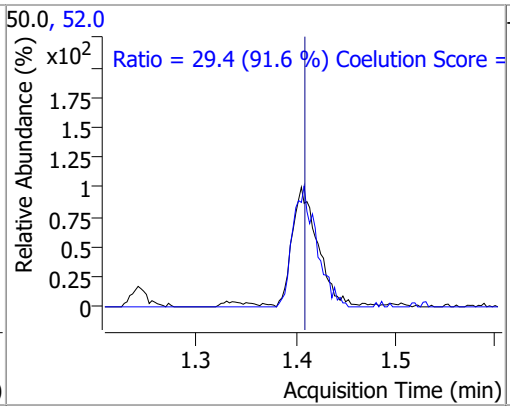


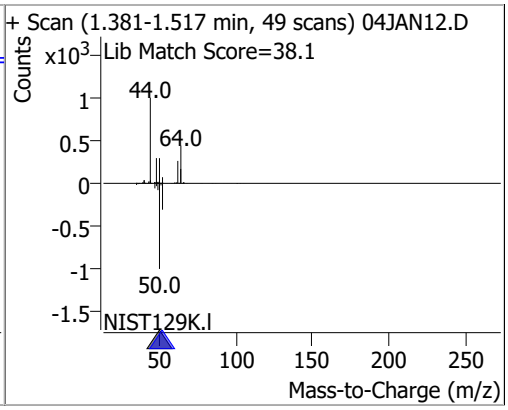




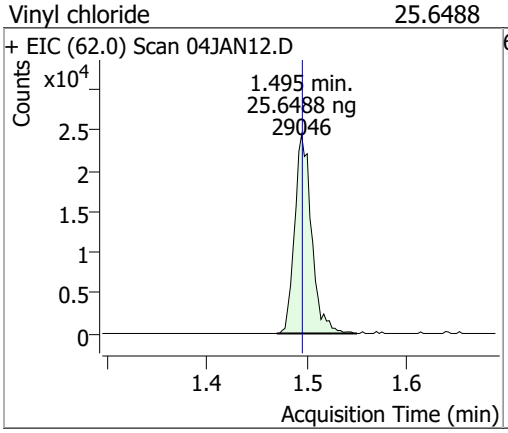
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	26.3422	1.41	0.00	33153	52.0	29.4	2.1	62.1

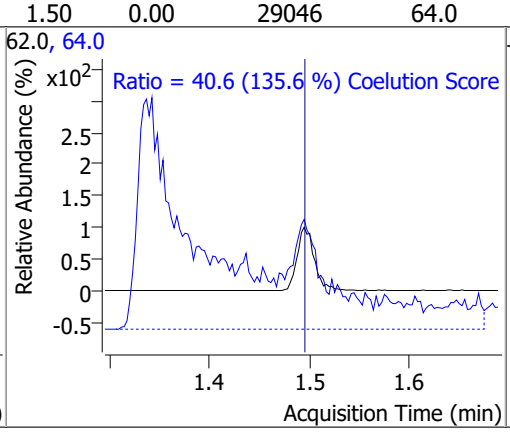


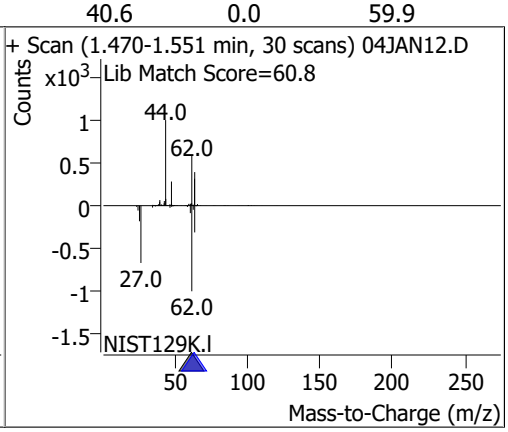




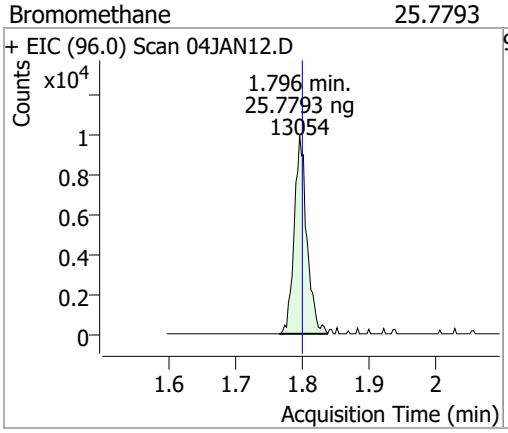
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	25.6488	1.50	0.00	29046	64.0	40.6	0.0	59.9

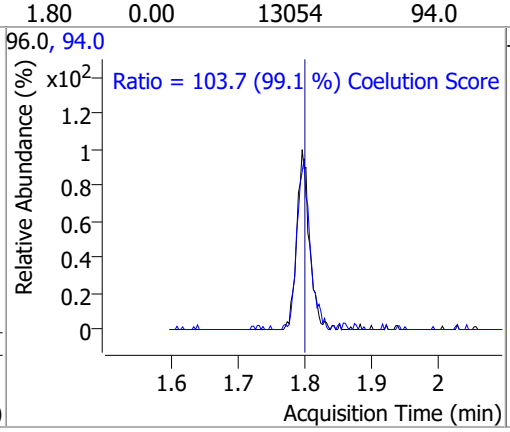


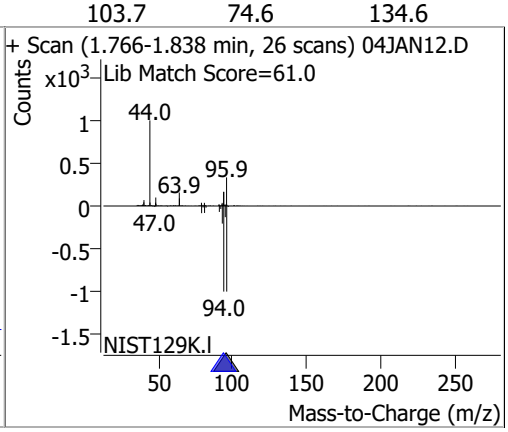




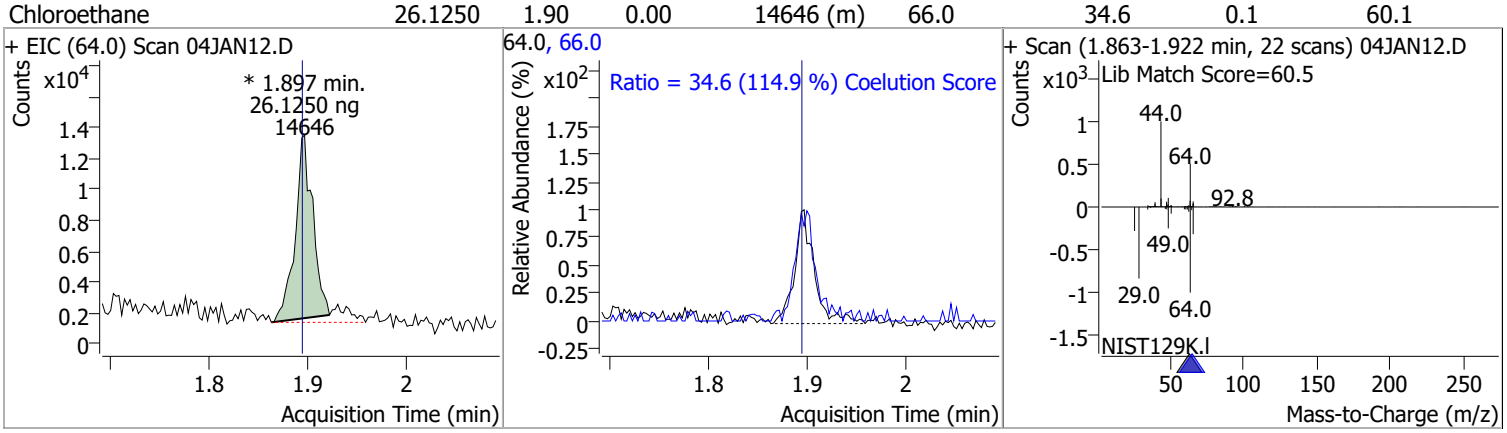
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	25.7793	1.80	0.00	13054	94.0	103.7	74.6	134.6



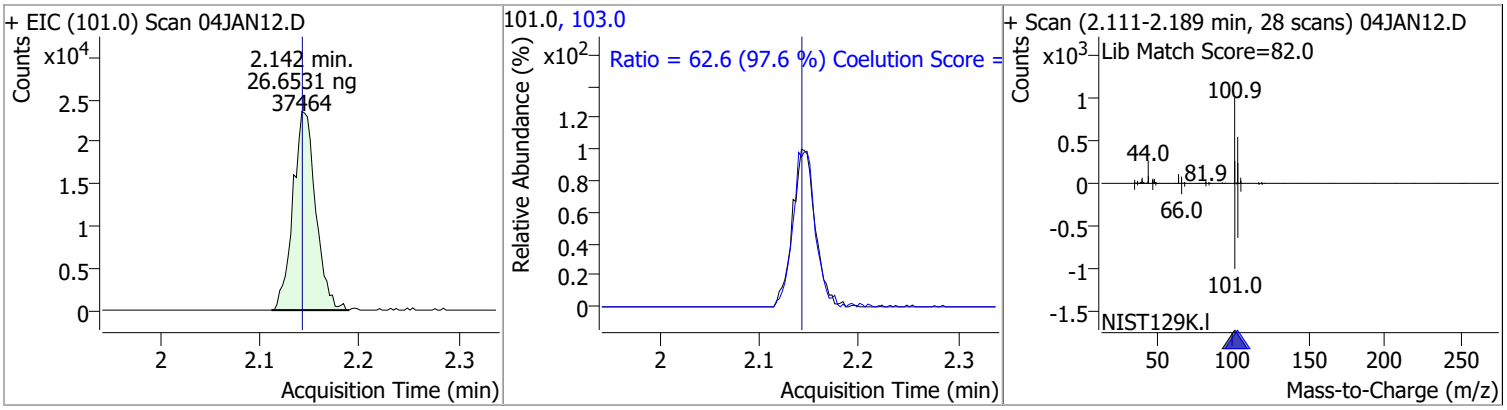




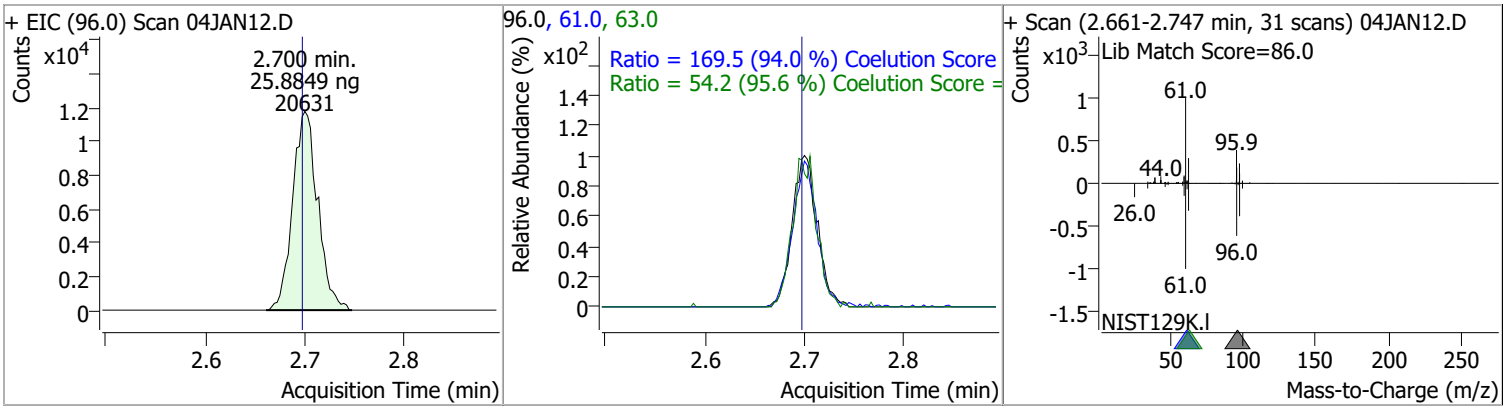
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	26.1250	1.90	0.00	14646 (m)	66.0	34.6	0.1	60.1



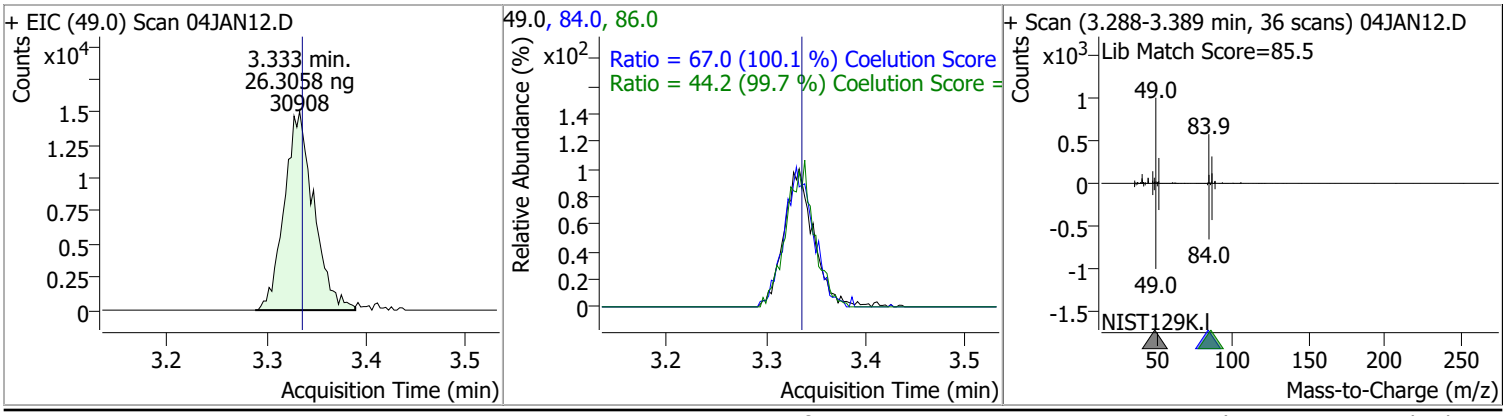
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	26.6531	2.14	0.00	37464	103.0	62.6	34.2	94.2



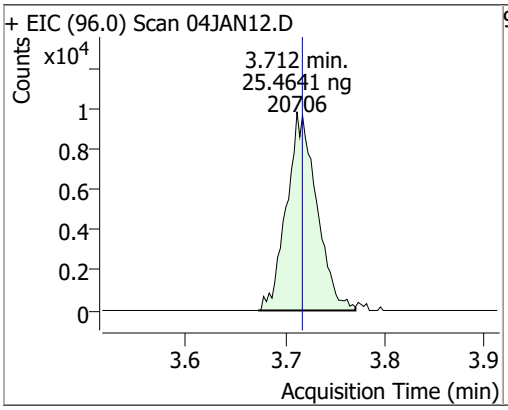
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	25.8849	2.70	0.00	20631	61.0	169.5	150.3	210.3
					63.0	54.2	26.7	86.7

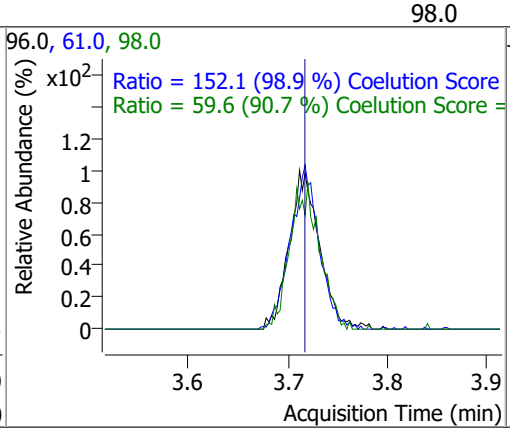


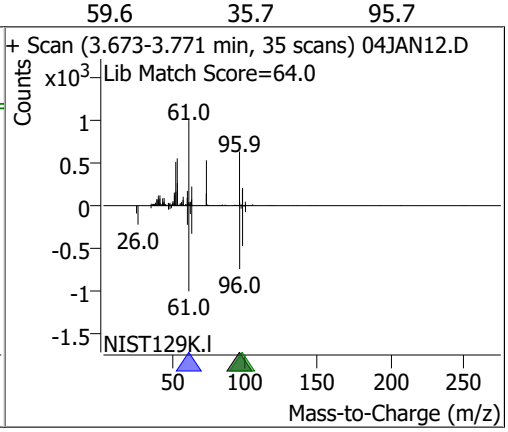
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	26.3058	3.33	0.00	30908	84.0	67.0	36.9	96.9
					86.0	44.2	14.3	74.3



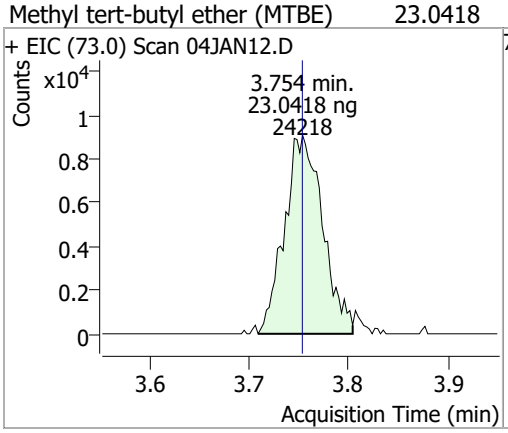
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	25.4641	3.71	-0.01	20706	61.0	152.1	123.9	183.9
					98.0	59.6	35.7	95.7

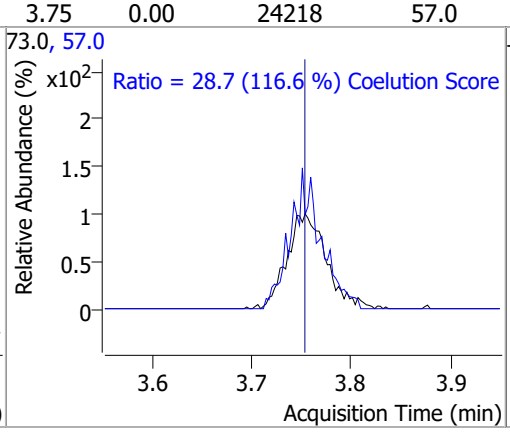


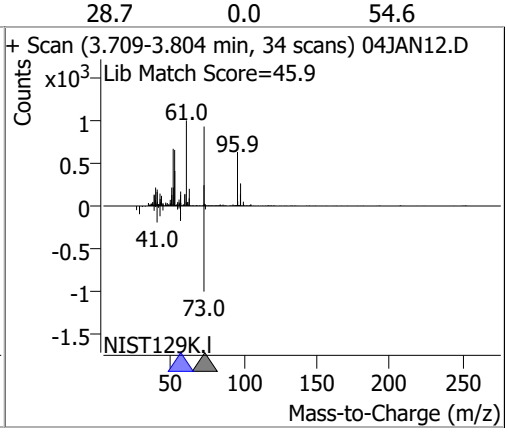




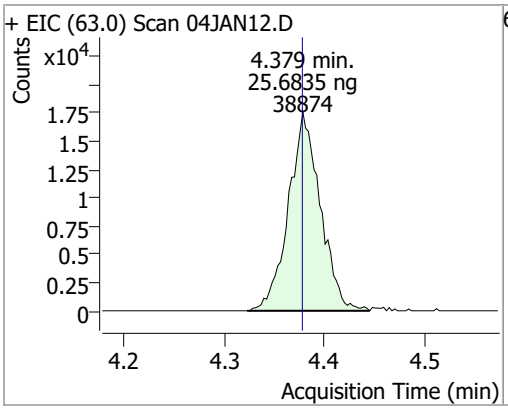
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	23.0418	3.75	0.00	24218	57.0	28.7	0.0	54.6

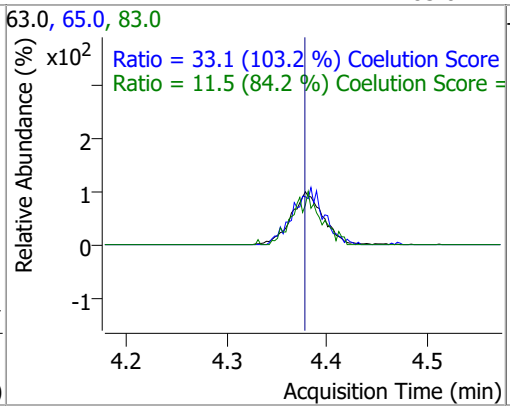


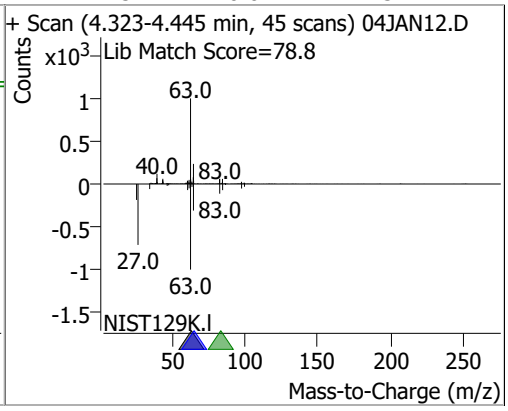




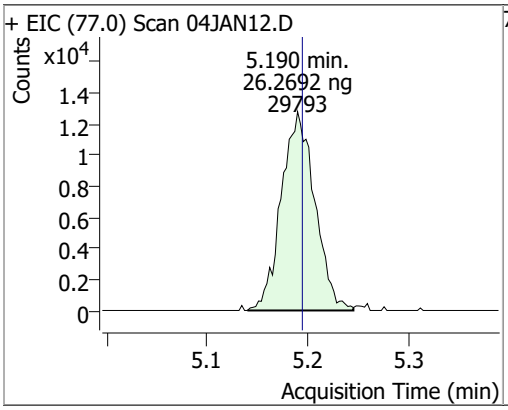
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	25.6835	4.38	0.00	38874	65.0	33.1	2.1	62.1
					83.0	11.5	0.0	43.7

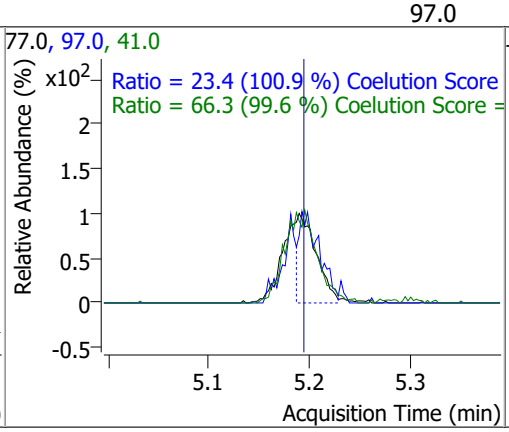


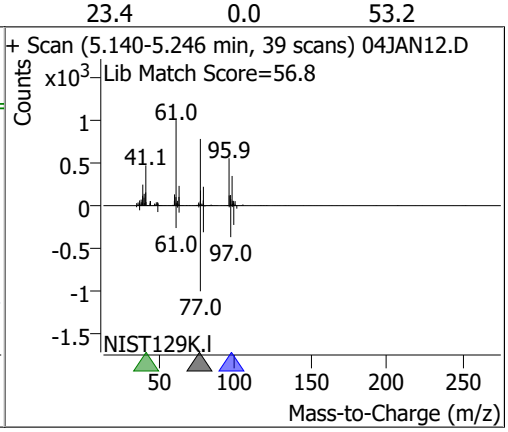




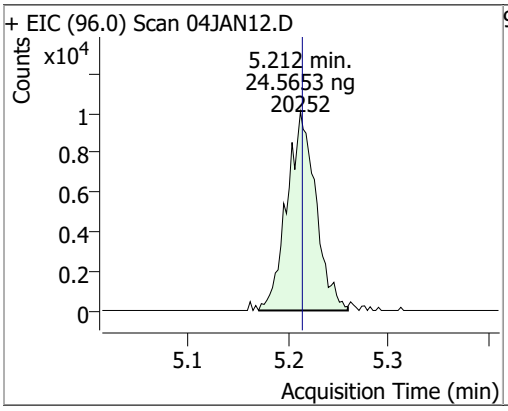
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	26.2692	5.19	-0.01	29793	41.0	66.3	36.5	96.5
					97.0	23.4	0.0	53.2

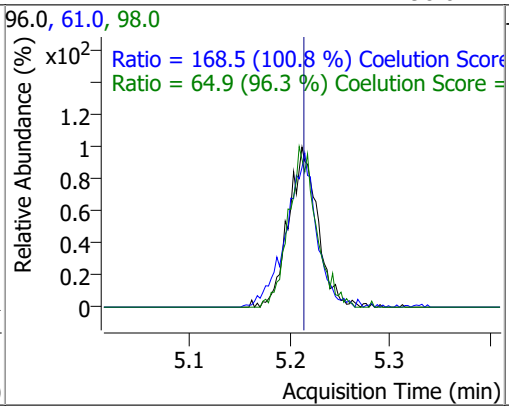


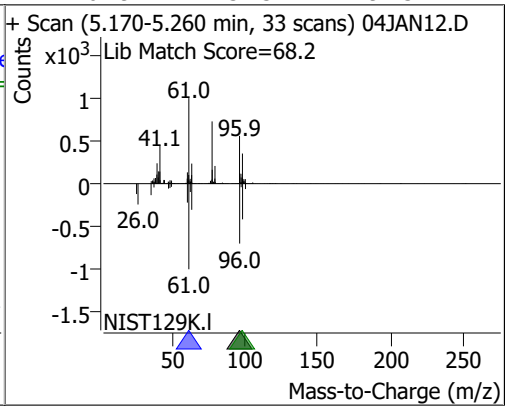




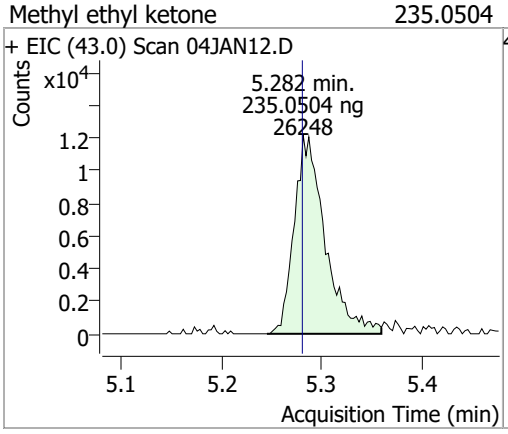
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	24.5653	5.21	0.00	20252	61.0	168.5	137.2	197.2
					98.0	64.9	37.3	97.3

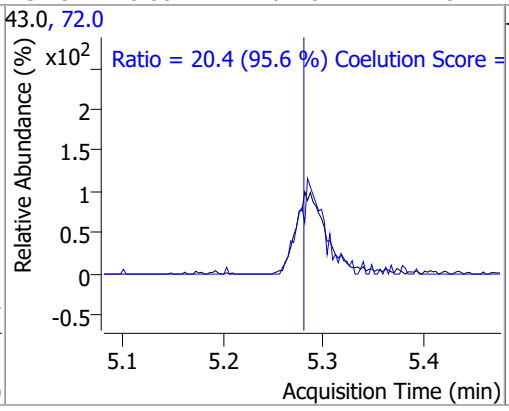


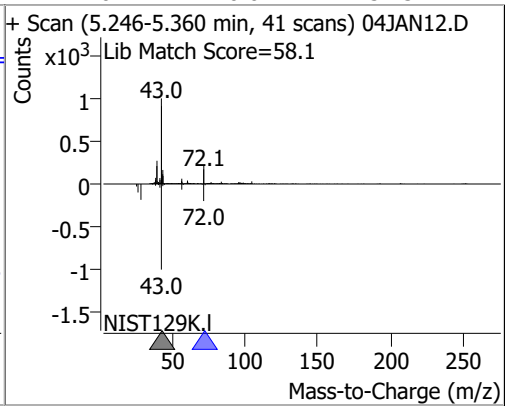




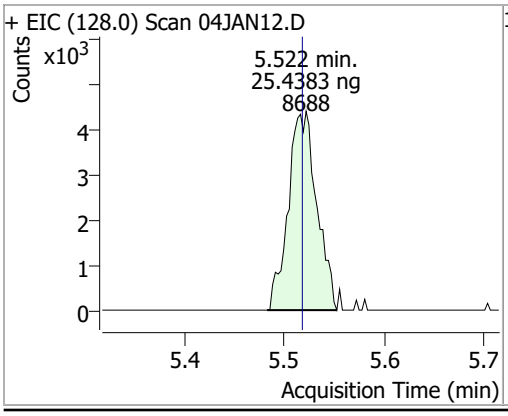
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	235.0504	5.28	0.00	26248	72.0	20.4	0.0	51.3

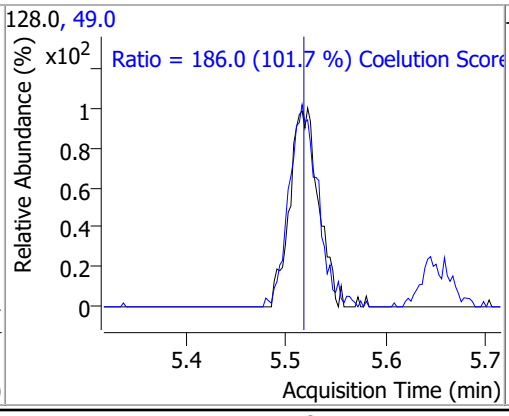


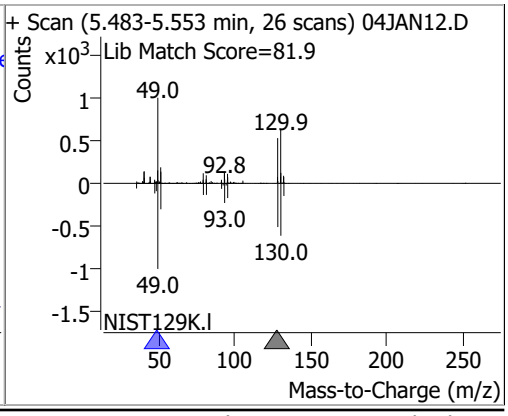




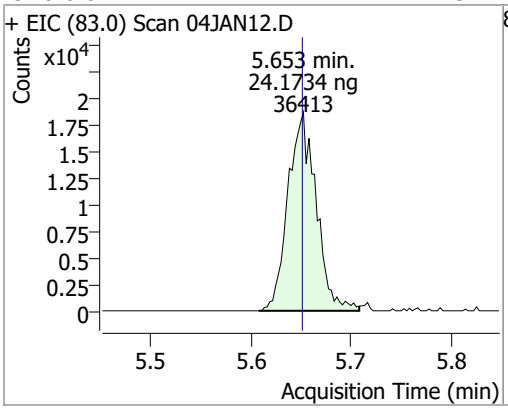
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	25.4383	5.52	0.00	8688	49.0	186.0	152.9	212.9

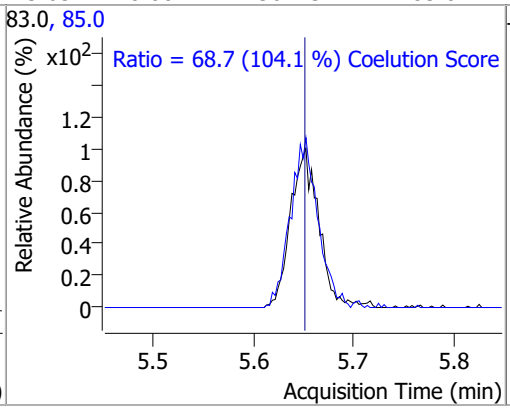


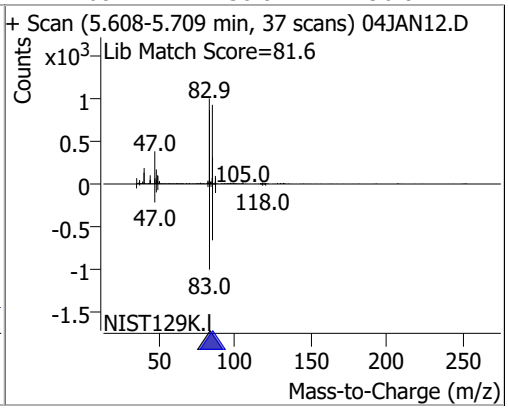




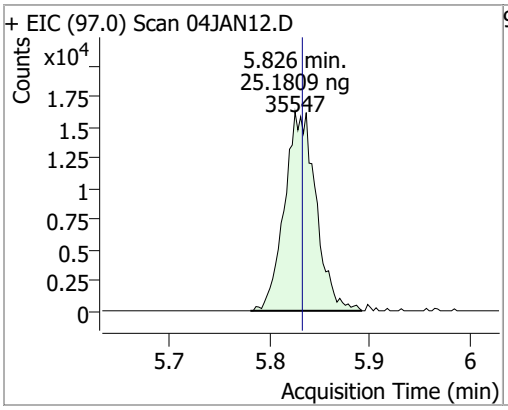
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	24.1734	5.65	0.00	36413	85.0	68.7	36.0	96.0

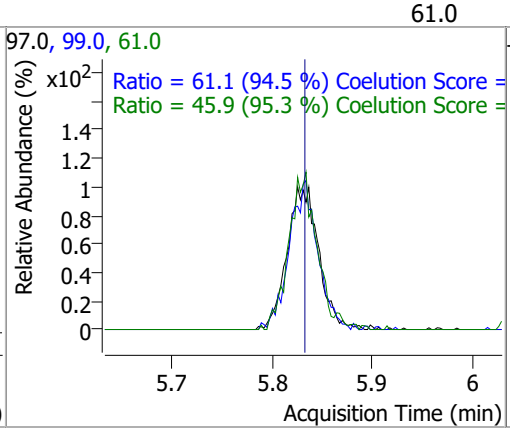


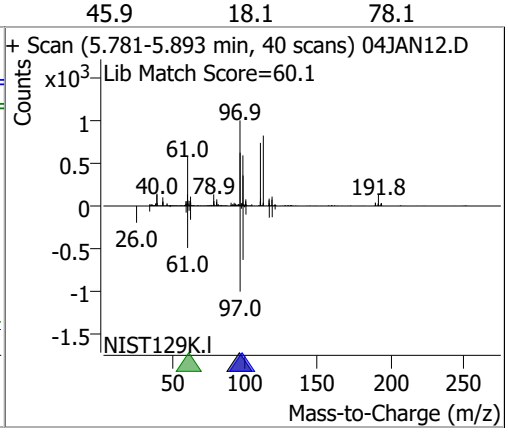




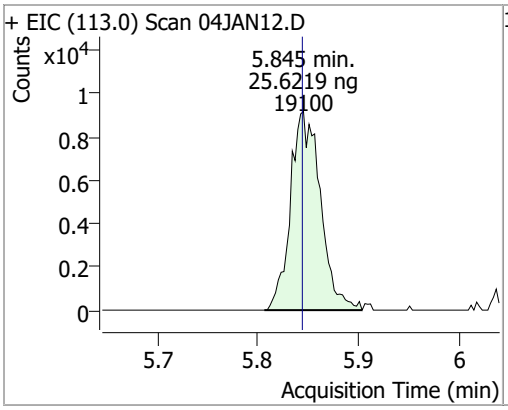
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	25.1809	5.83	-0.01	35547	99.0	61.1	34.7	94.7
					61.0	45.9	18.1	78.1

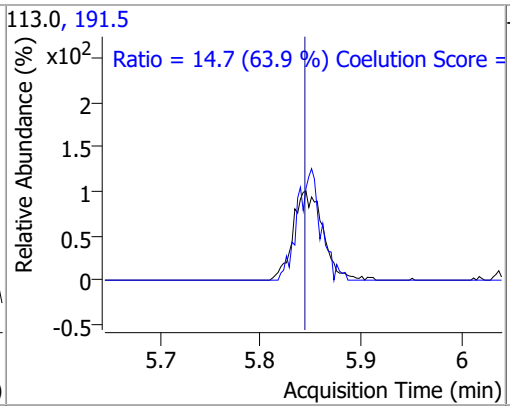


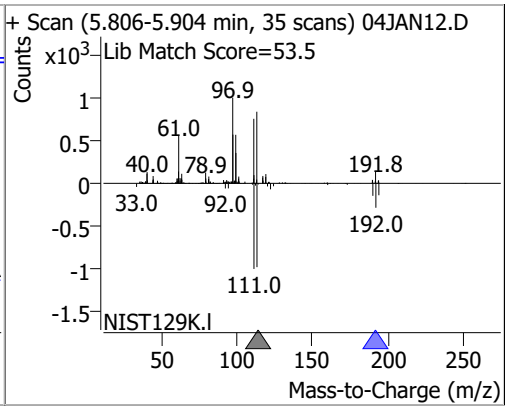




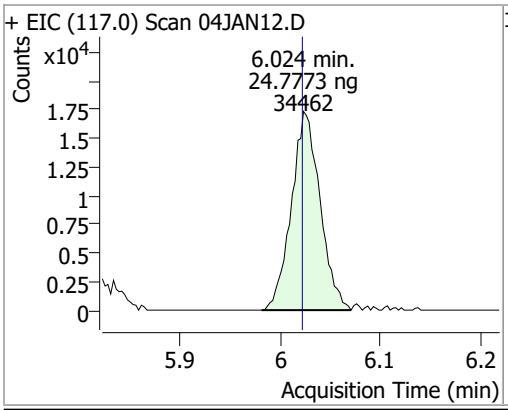
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	25.6219	5.85	0.00	19100	191.5	14.7	0.0	53.1

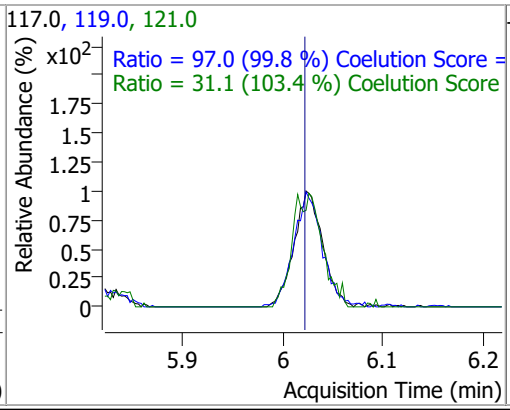


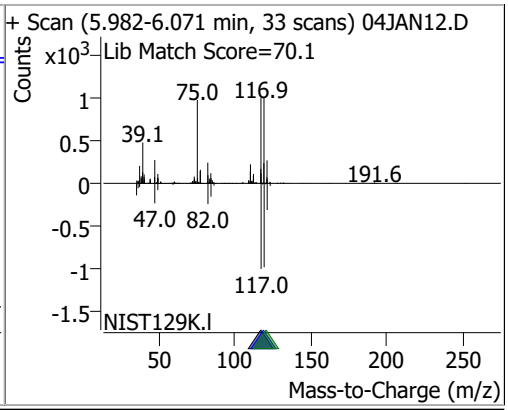




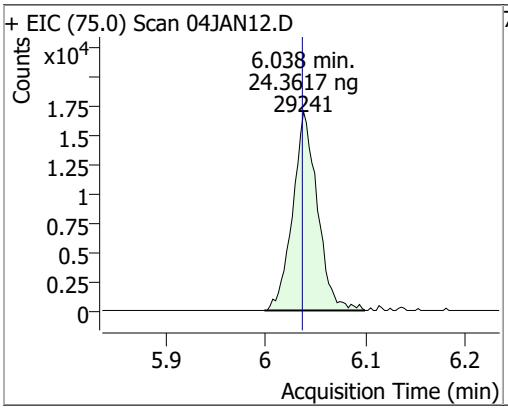
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	24.7773	6.02	0.00	34462	119.0	97.0	67.2	127.2
					121.0	31.1	0.1	60.1

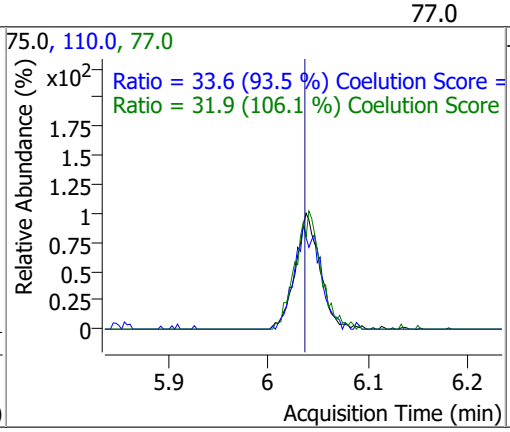


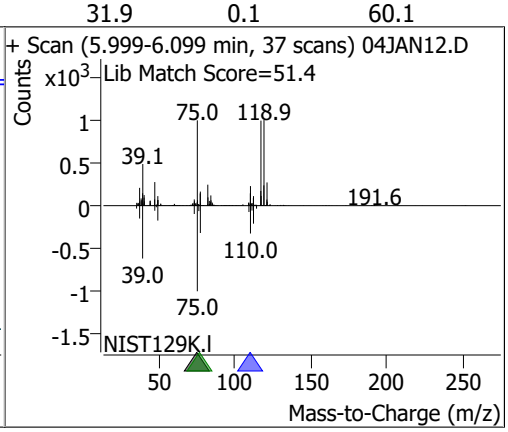




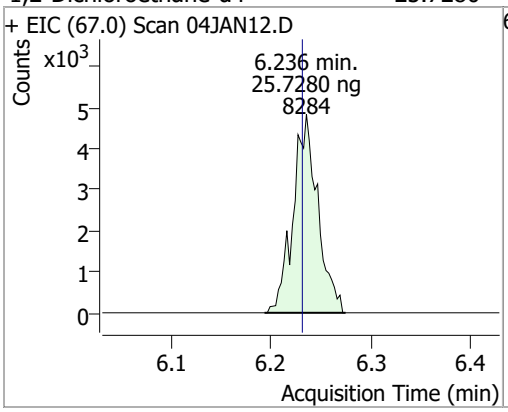
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	24.3617	6.04	0.00	29241	110.0	33.6	5.9	65.9
					77.0	31.9	0.1	60.1

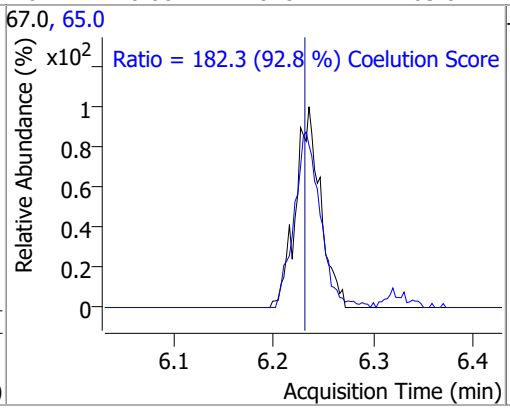


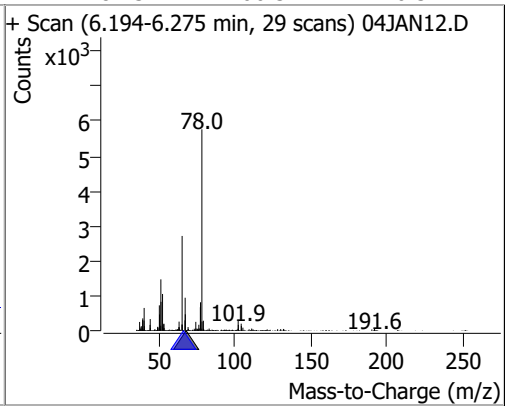




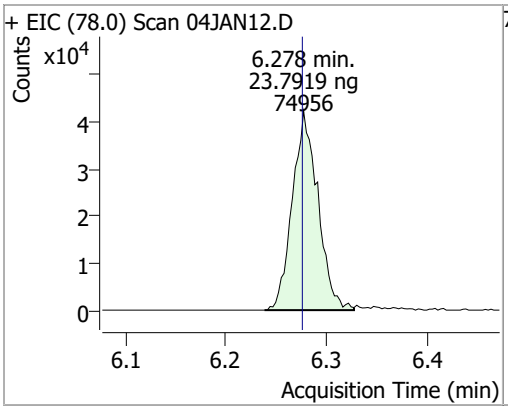
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	25.7280	6.24	0.00	8284	65.0	182.3	166.5	226.5

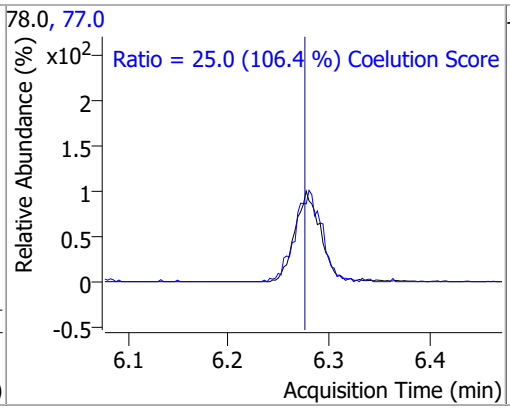


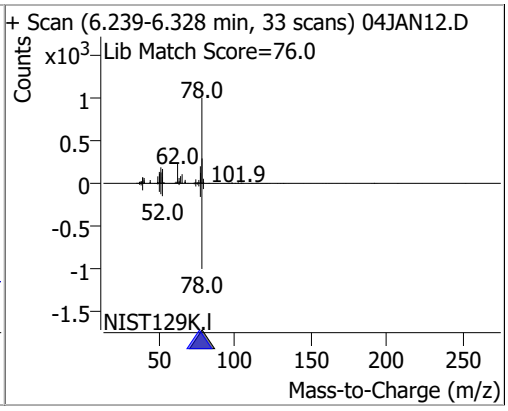




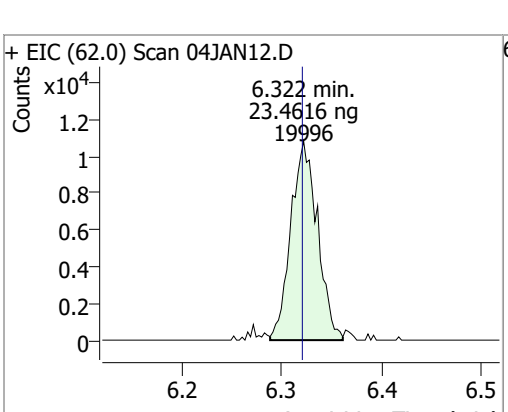
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	23.7919	6.28	0.00	74956	77.0	25.0	0.0	53.5

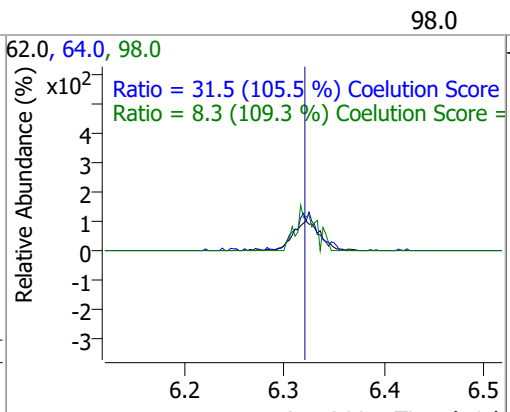


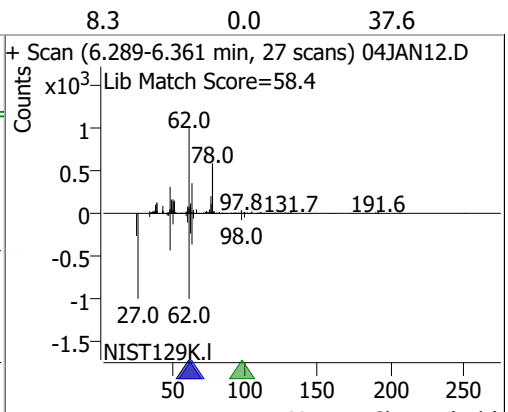




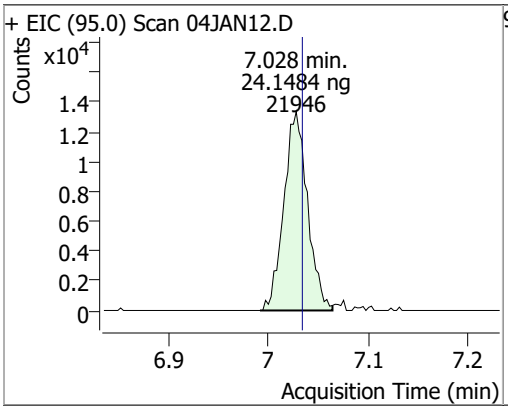
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	23.4616	6.32	0.00	19996	64.0	31.5	0.0	59.9
					98.0	8.3	0.0	37.6

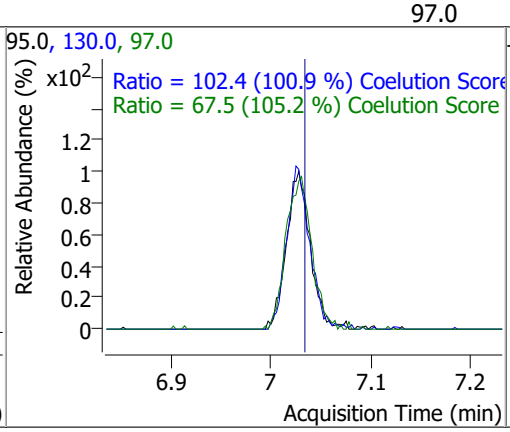


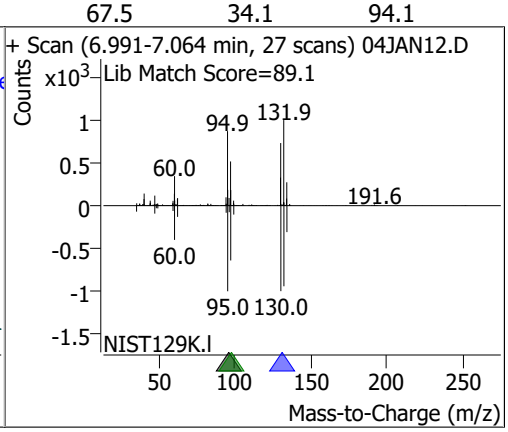




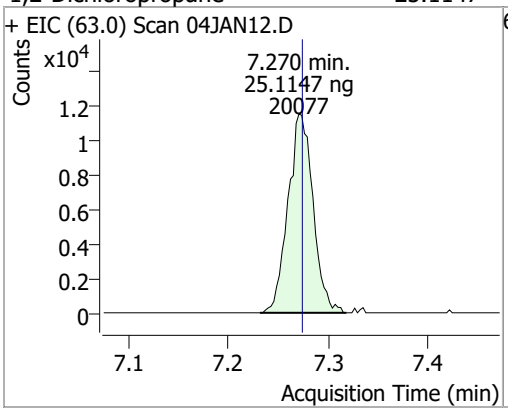
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	24.1484	7.03	0.00	21946	130.0	102.4	71.5	131.5
					97.0	67.5	34.1	94.1

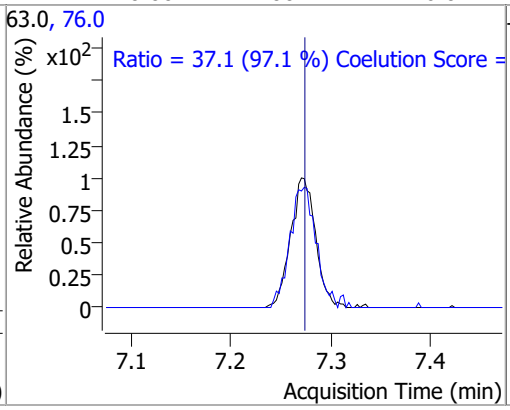


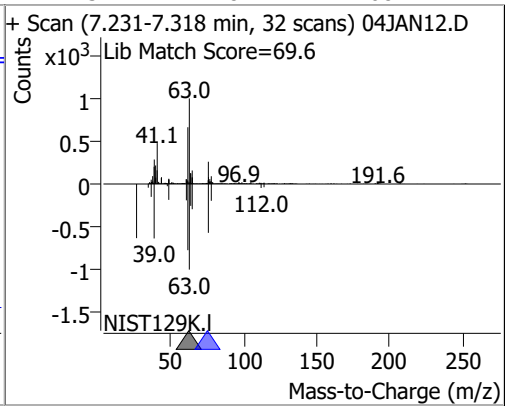




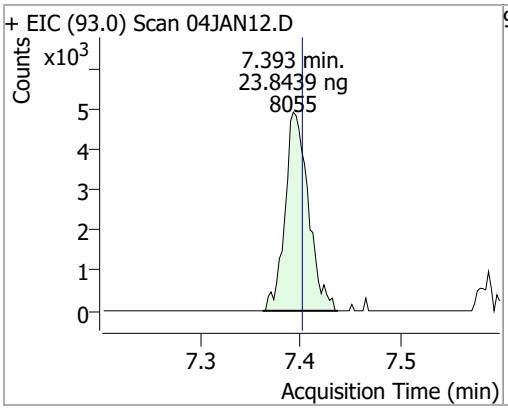
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	25.1147	7.27	0.00	20077	76.0	37.1	8.2	68.2

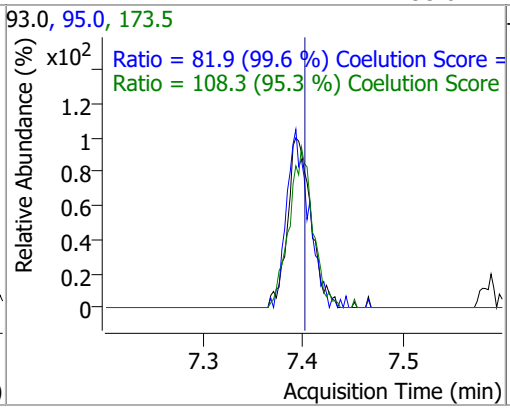


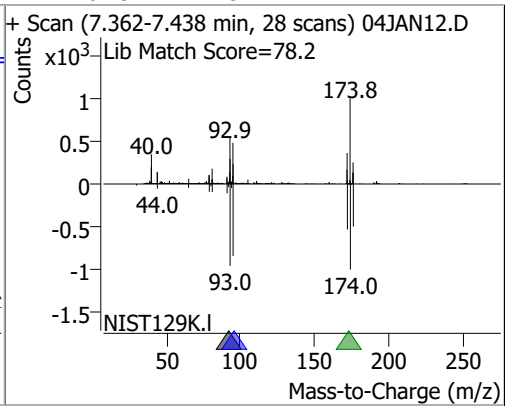




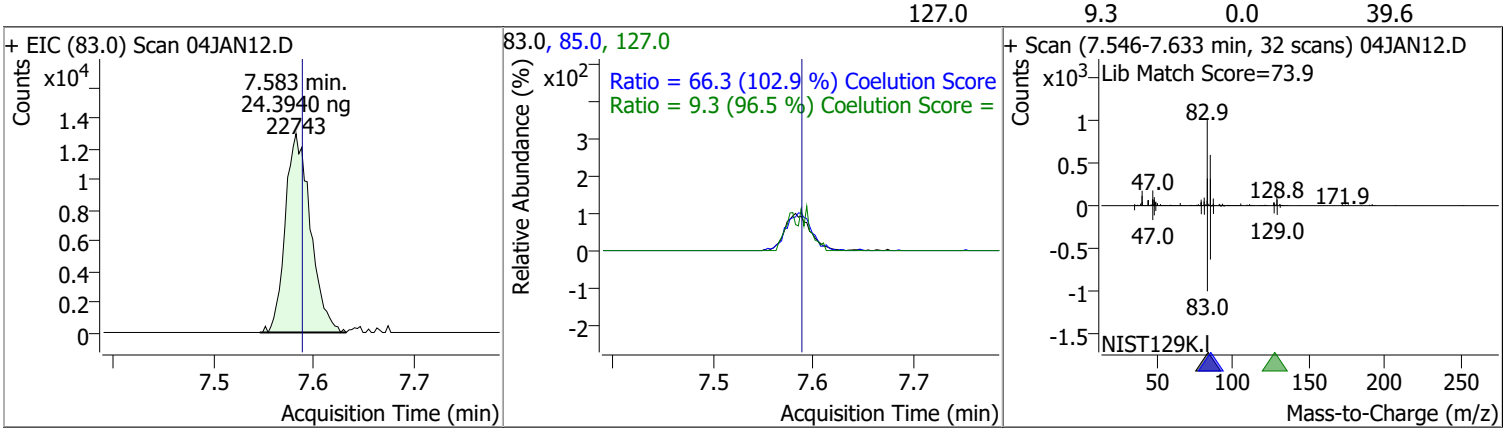
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	23.8439	7.39	-0.01	8055	173.5	108.3	83.7	143.7
					95.0	81.9	52.2	112.2



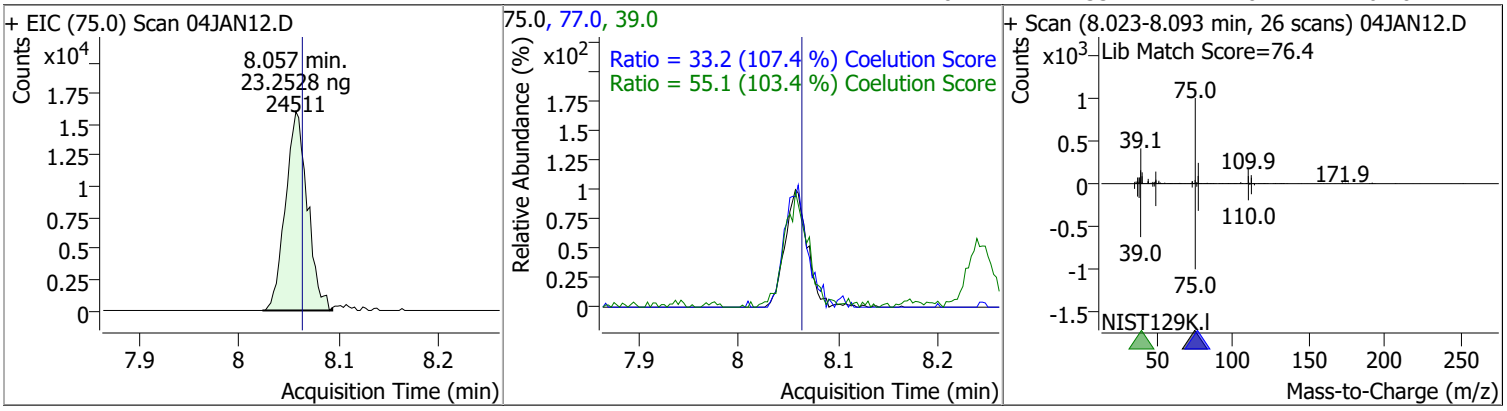




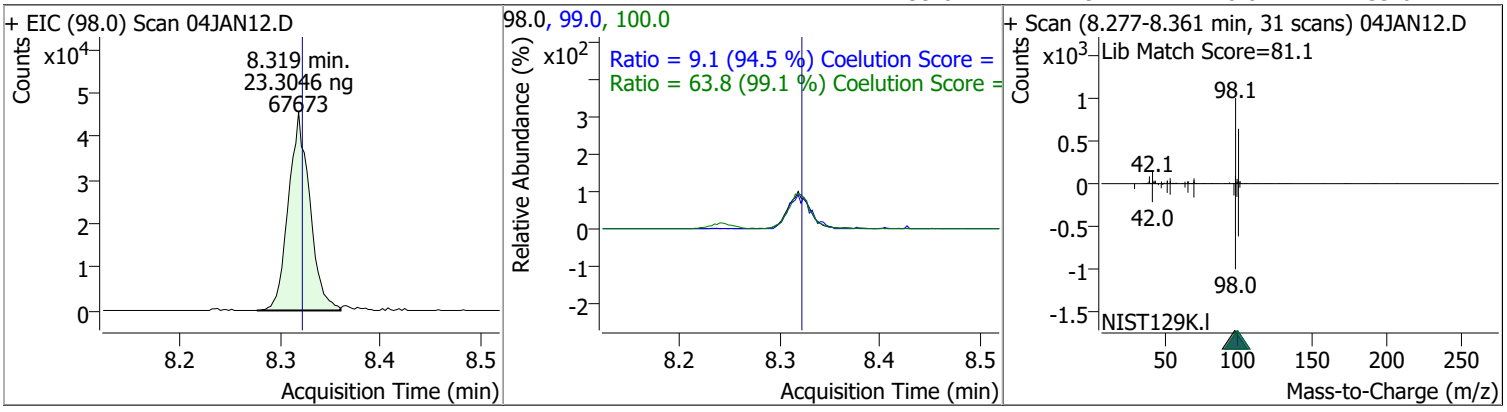
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	24.3940	7.58	0.00	22743	85.0	66.3	34.5	94.5
					127.0	9.3	0.0	39.6



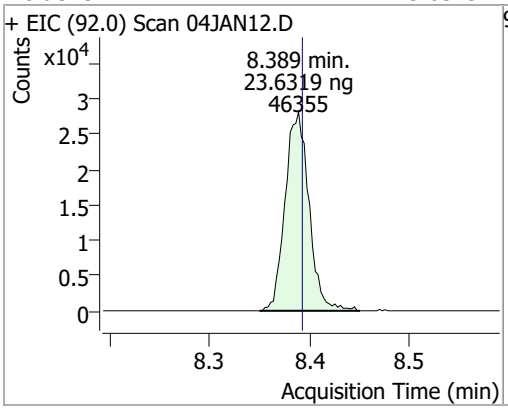
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	23.2528	8.06	0.00	24511	39.0	55.1	23.3	83.3
					77.0	33.2	1.0	61.0

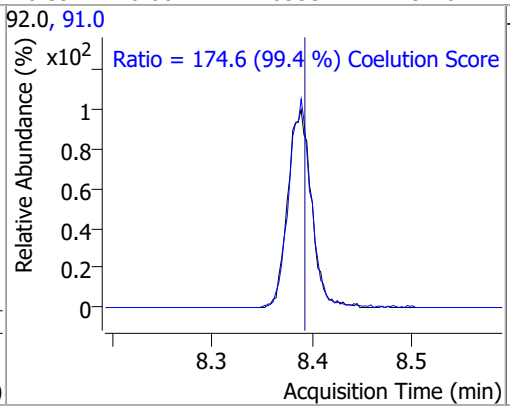


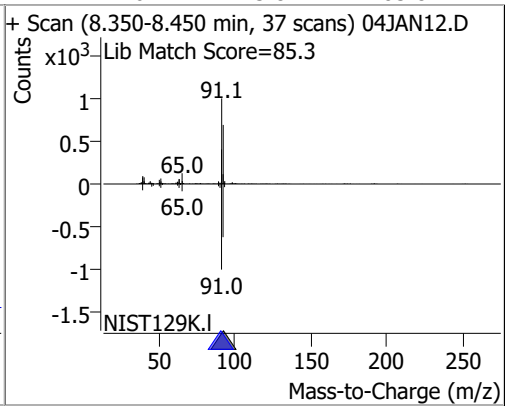
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	23.3046	8.32	0.00	67673	100.0	63.8	34.4	94.4
					99.0	9.1	0.0	39.6



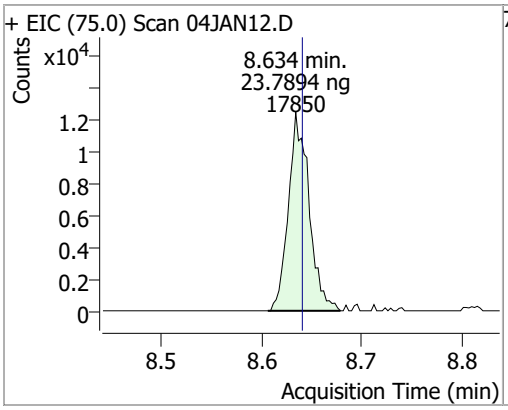
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	23.6319	8.39	0.00	46355	91.0	174.6	145.8	205.8

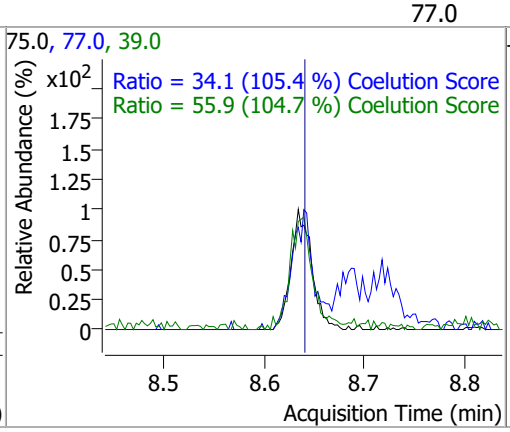


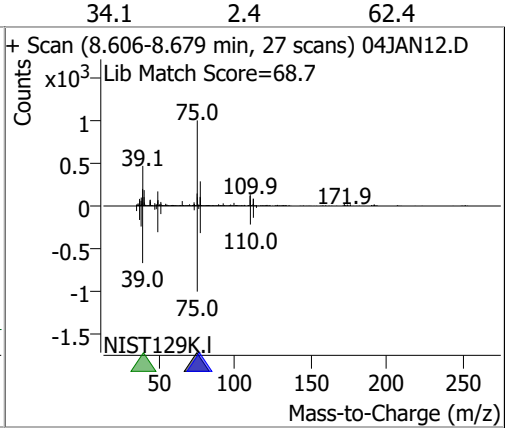




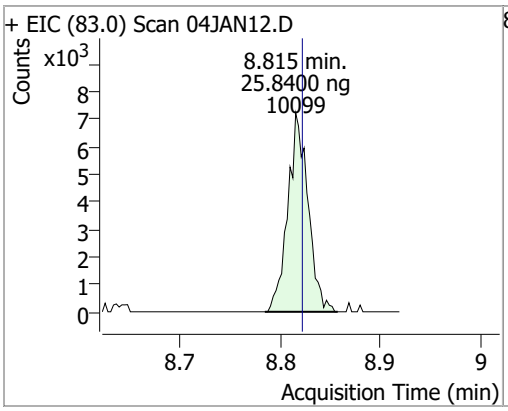
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	23.7894	8.63	0.00	17850	39.0	55.9	23.4	83.4
					77.0	34.1	2.4	62.4

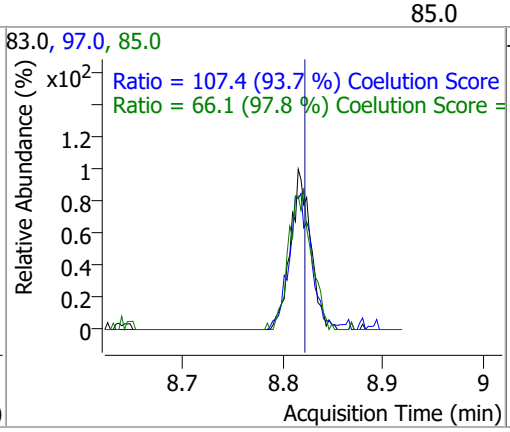


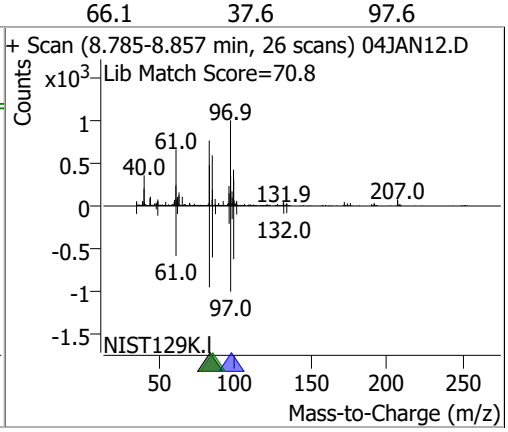




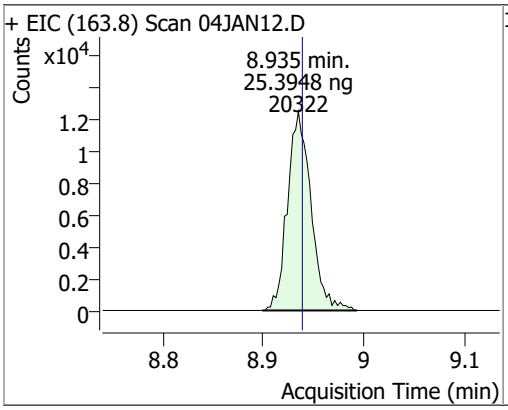
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	25.8400	8.82	0.00	10099	97.0	107.4	84.6	144.6
					85.0	66.1	37.6	97.6

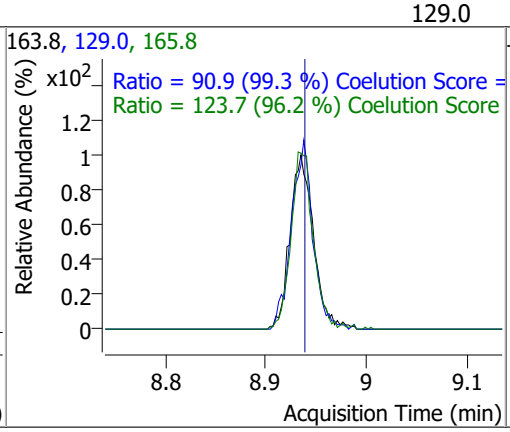


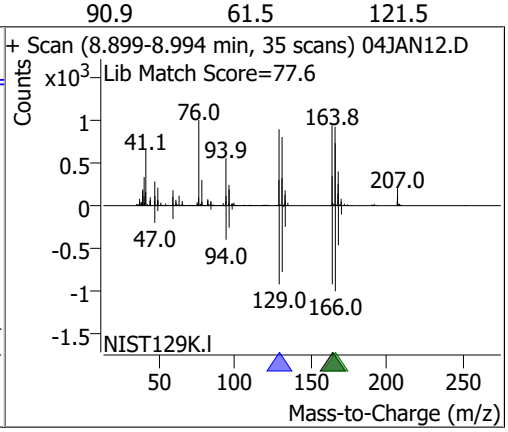




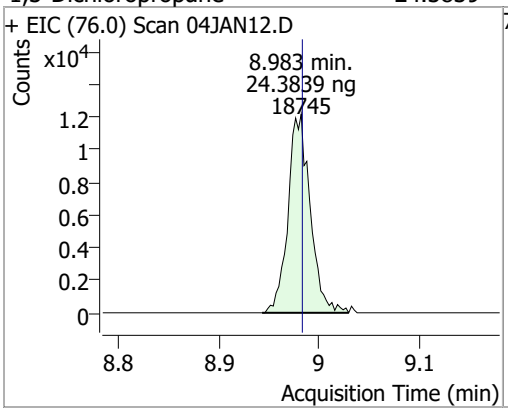
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	25.3948	8.94	0.00	20322	165.8	123.7	98.6	158.6
					129.0	90.9	61.5	121.5

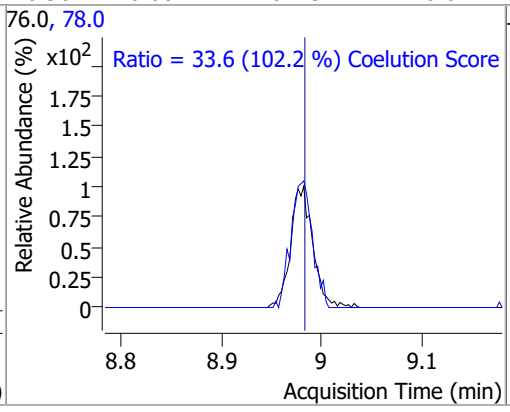


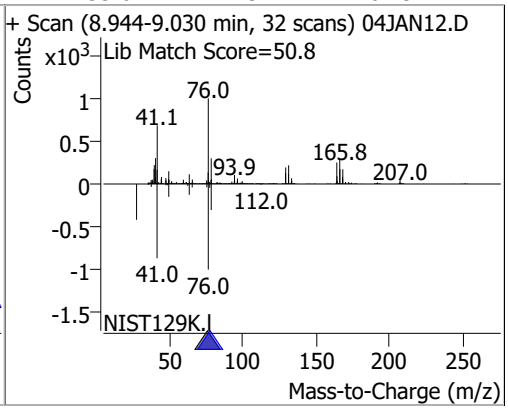




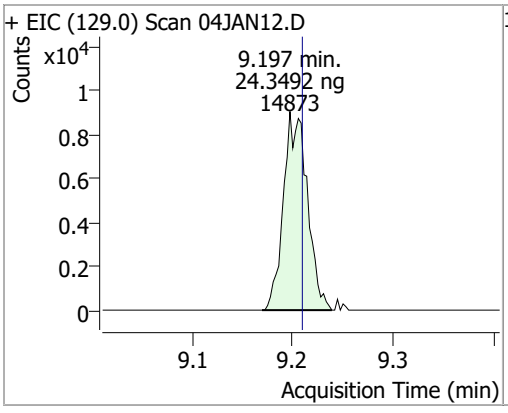
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	24.3839	8.98	0.00	18745	78.0	33.6	2.9	62.9

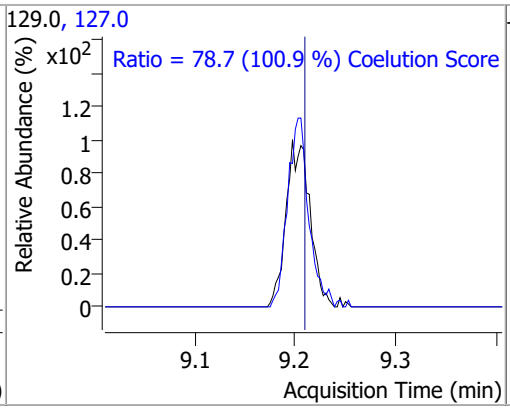


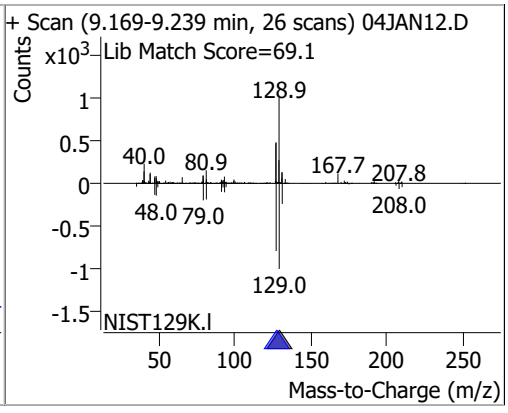




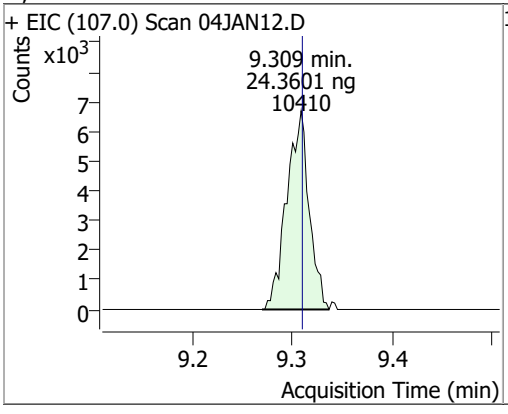
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	24.3492	9.20	-0.01	14873	127.0	78.7	48.0	108.0

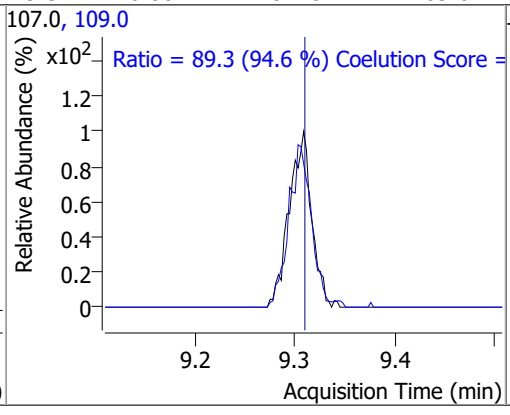


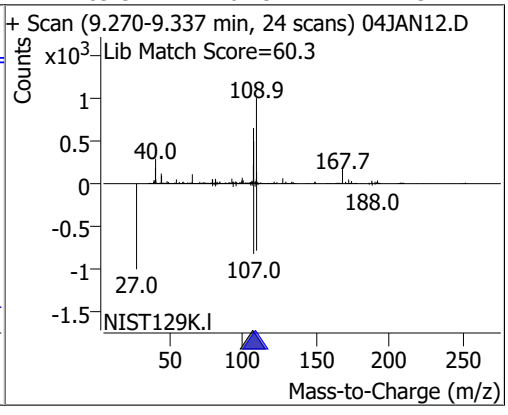




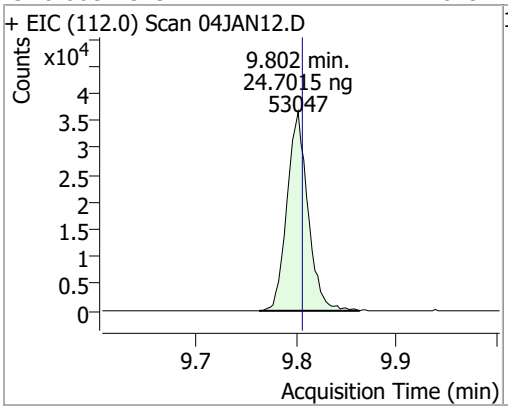
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	24.3601	9.31	0.00	10410	109.0	89.3	64.5	124.5

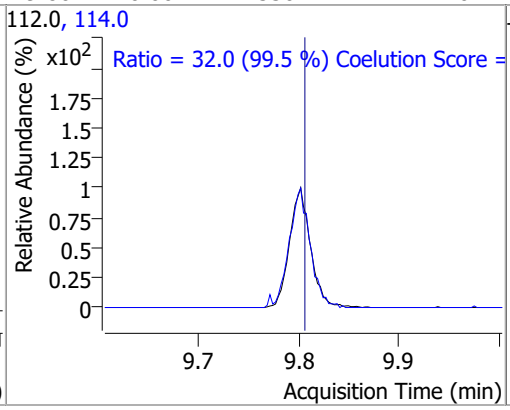


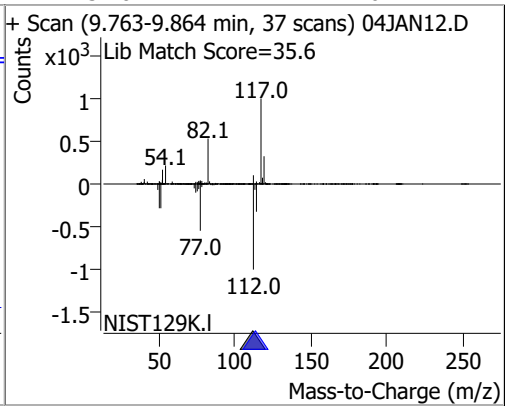




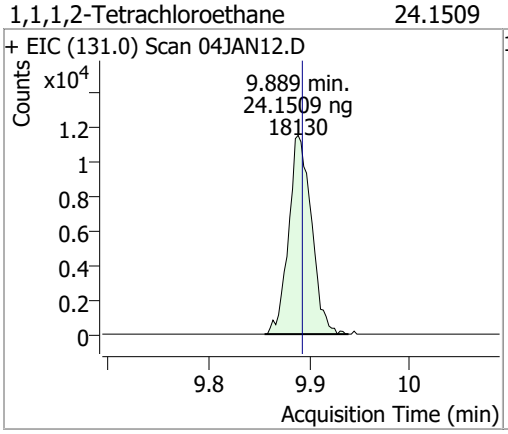
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	24.7015	9.80	0.00	53047	114.0	32.0	2.1	62.1

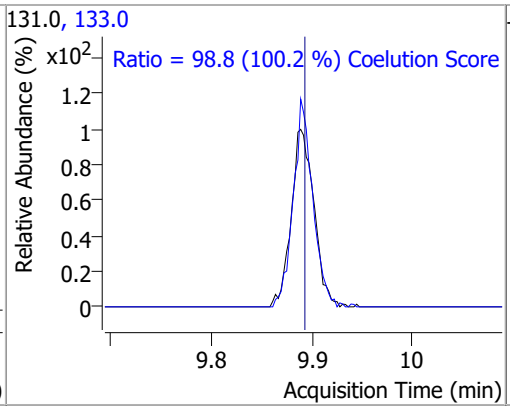


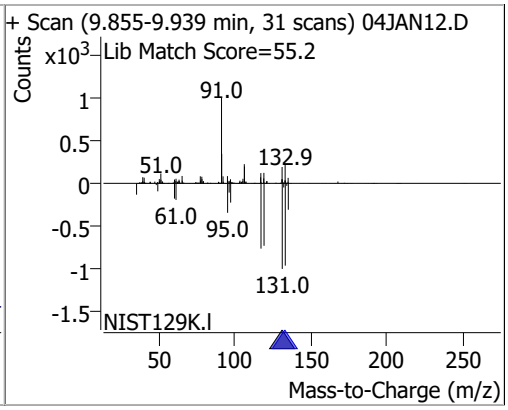




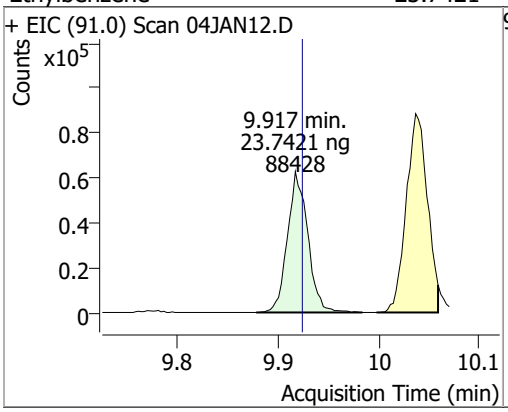
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	24.1509	9.89	0.00	18130	133.0	98.8	68.6	128.6

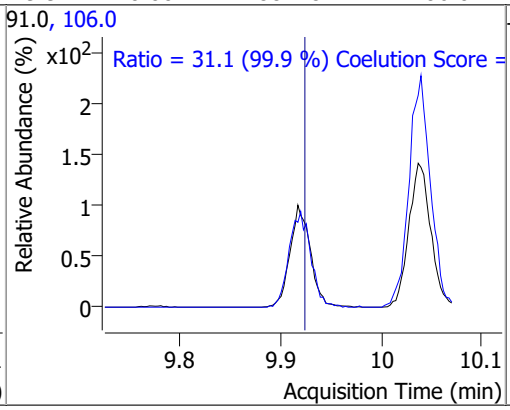


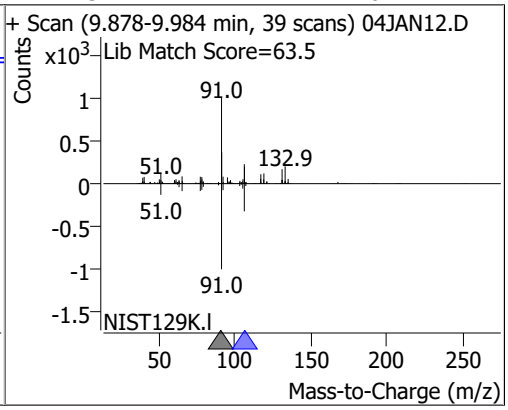




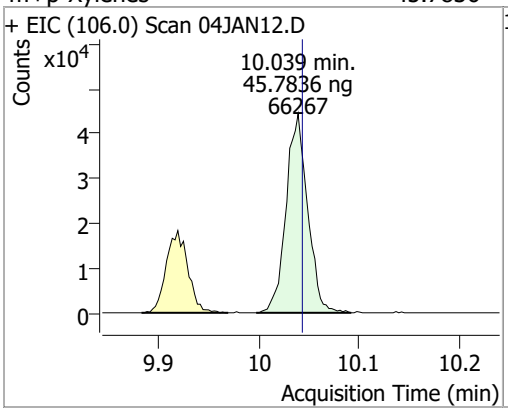
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	23.7421	9.92	0.00	88428	106.0	31.1	1.1	61.1

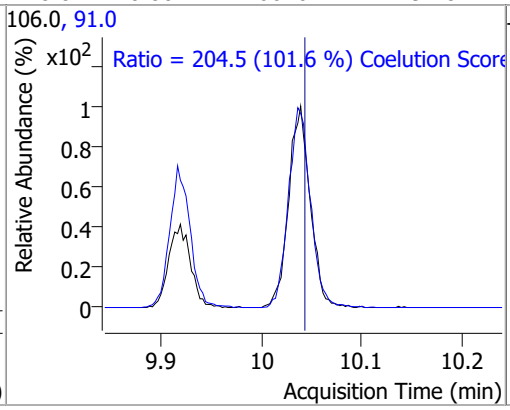


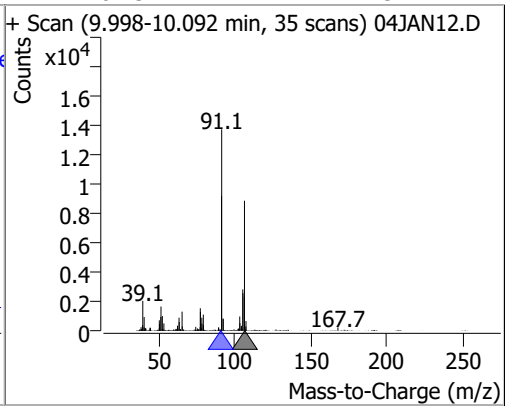




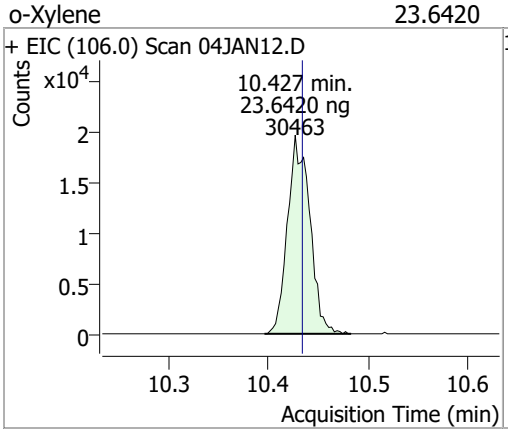
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	45.7836	10.04	0.00	66267	91.0	204.5	171.4	231.4

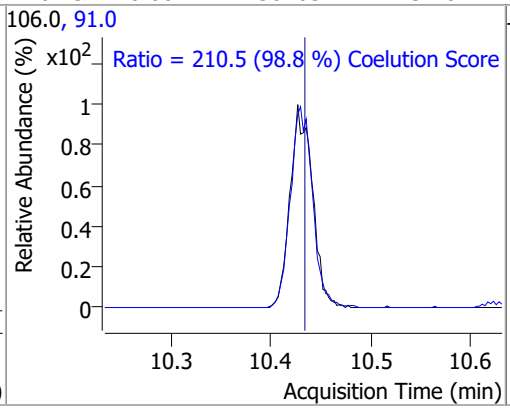


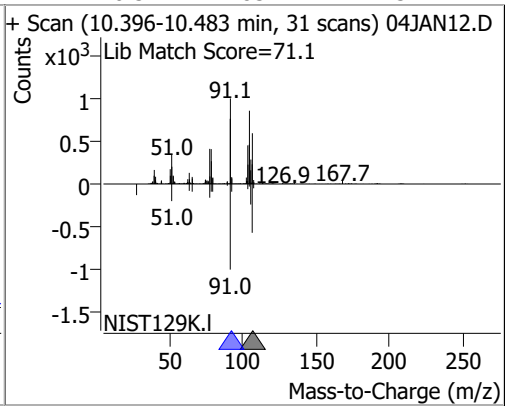




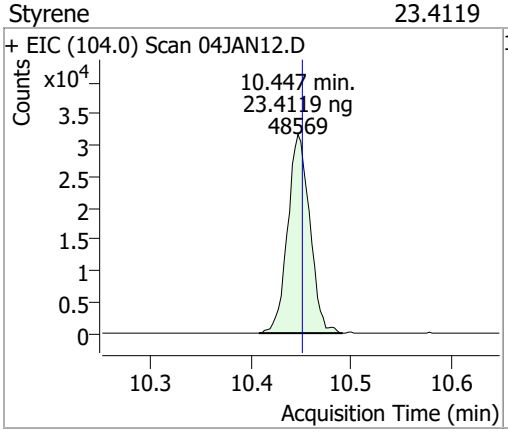
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	23.6420	10.43	0.00	30463	91.0	210.5	183.1	243.1

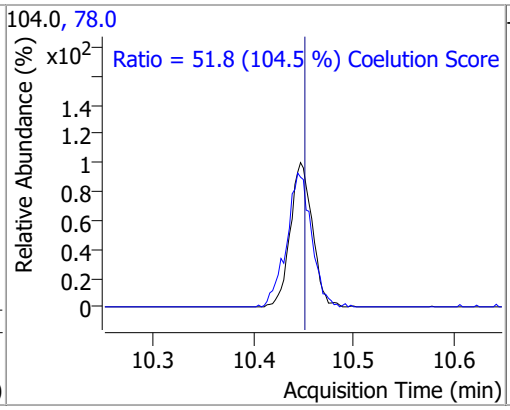


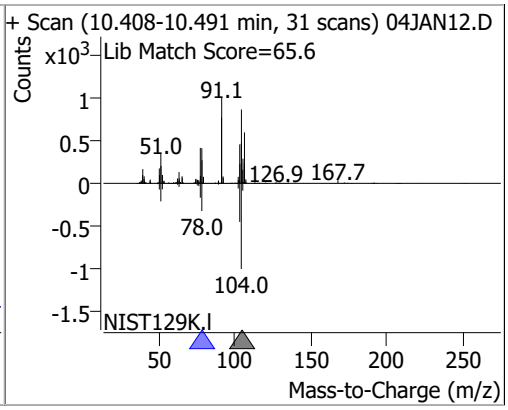




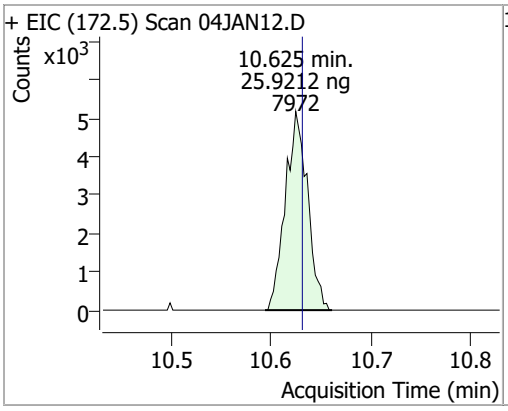
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	23.4119	10.45	0.00	48569	78.0	51.8	19.6	79.6

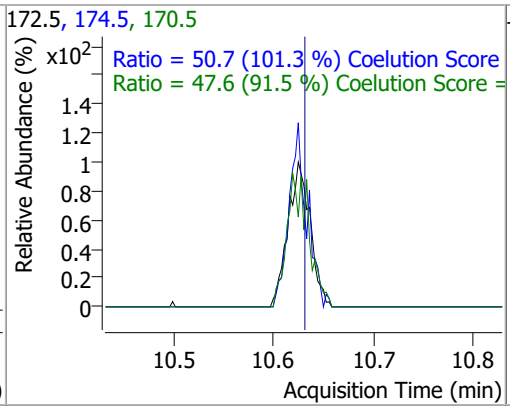


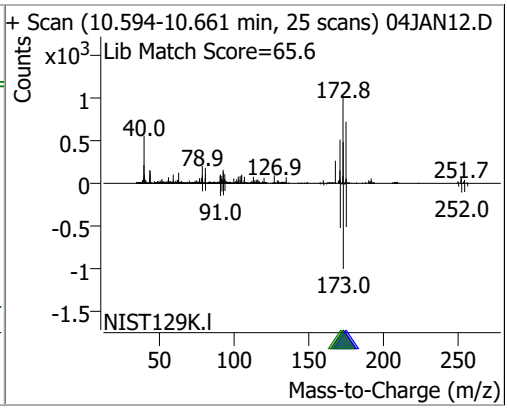




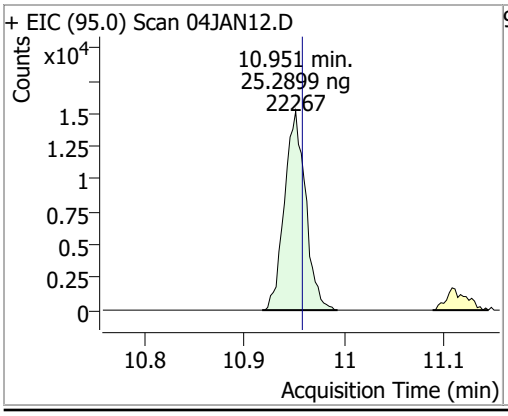
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	25.9212	10.63	0.00	7972	170.5	47.6	22.1	82.1
					174.5	50.7	20.1	80.1

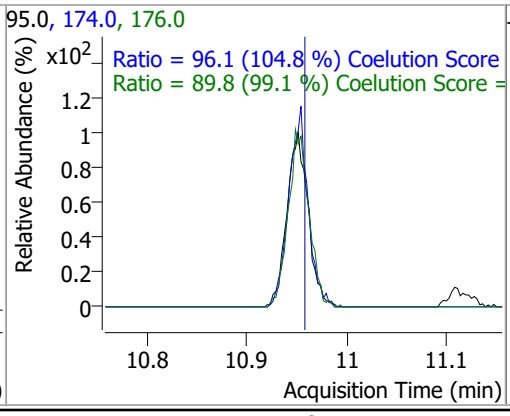


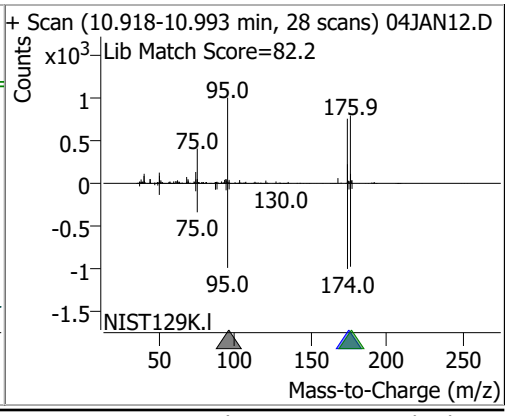




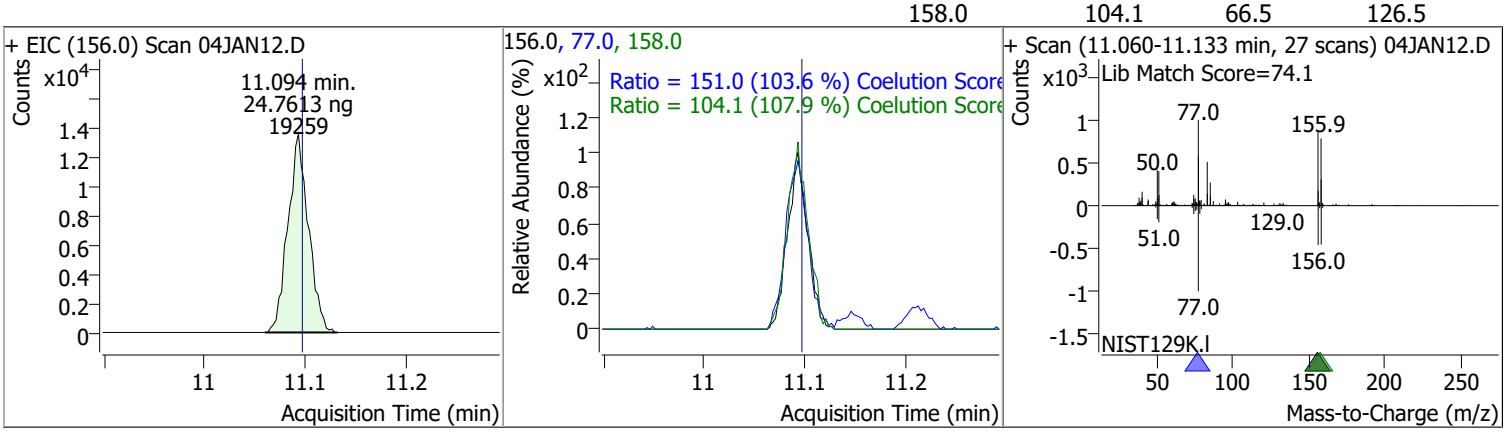
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	25.2899	10.95	0.00	22267	174.0	96.1	61.7	121.7
					176.0	89.8	60.6	120.6



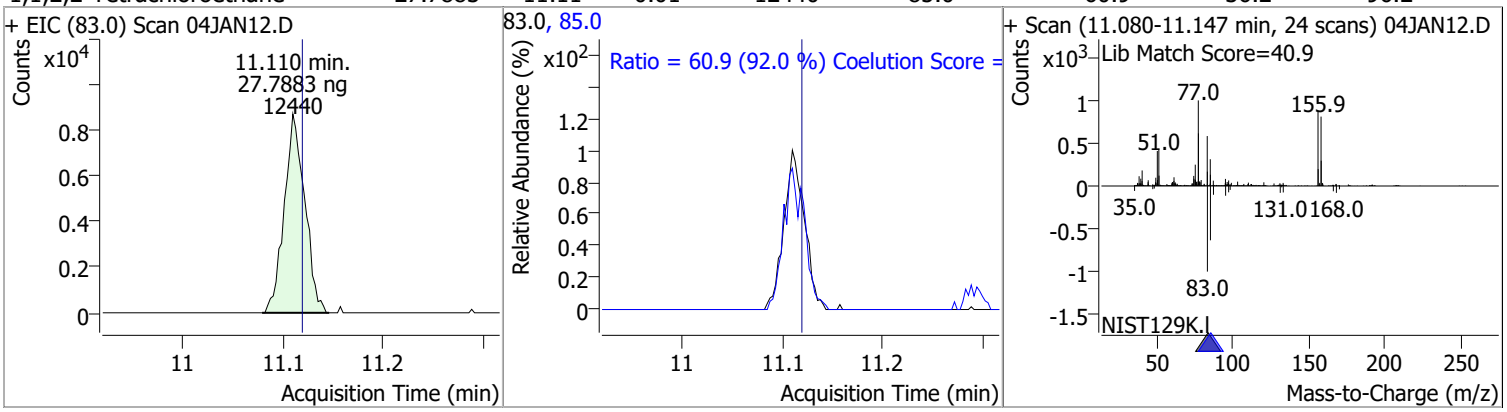




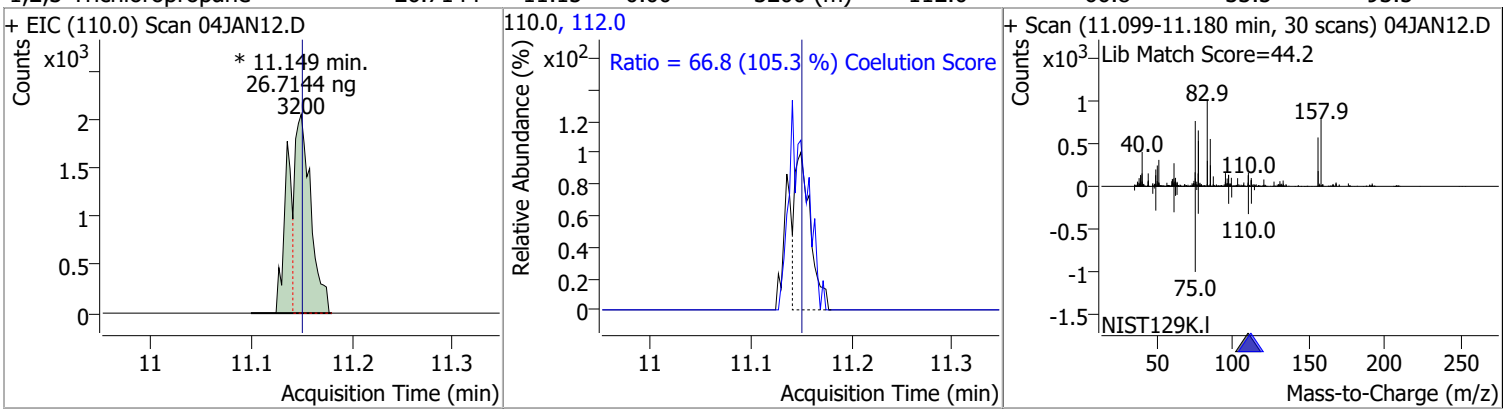
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	24.7613	11.09	0.00	19259	77.0	151.0	115.7	175.7
					158.0	104.1	66.5	126.5



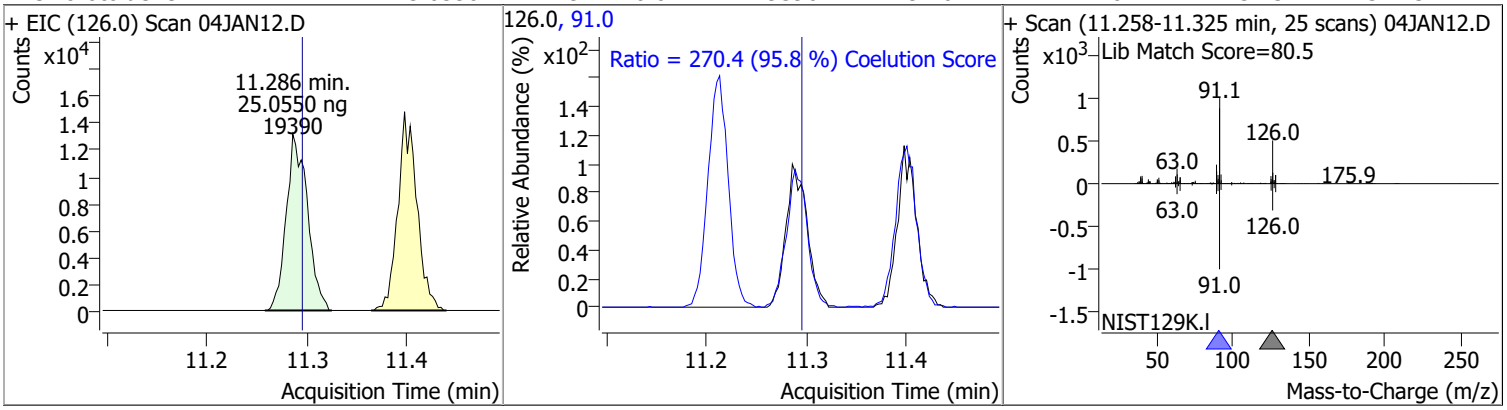
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	27.7883	11.11	-0.01	12440	85.0	60.9	36.2	96.2



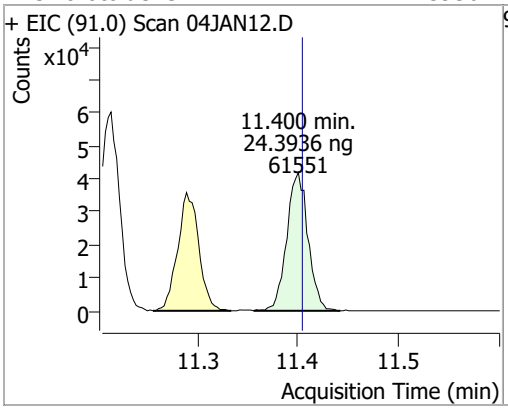
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	26.7144	11.15	0.00	3200 (m)	112.0	66.8	33.5	93.5

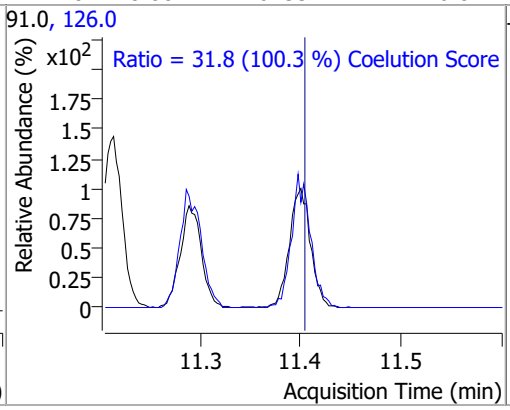


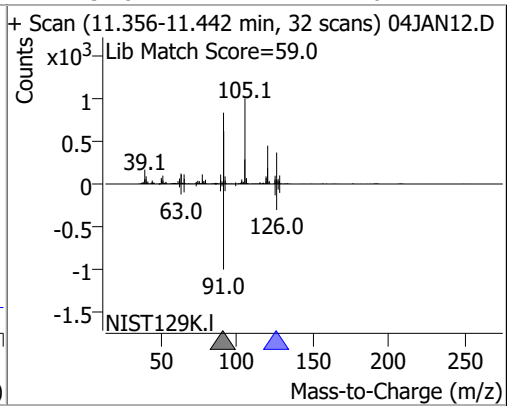
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	25.0550	11.29	-0.01	19390	91.0	270.4	252.3	312.3



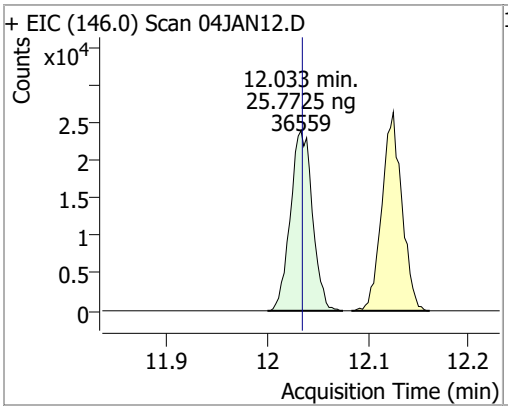
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	24.3936	11.40	0.00	61551	126.0	31.8	1.7	61.7

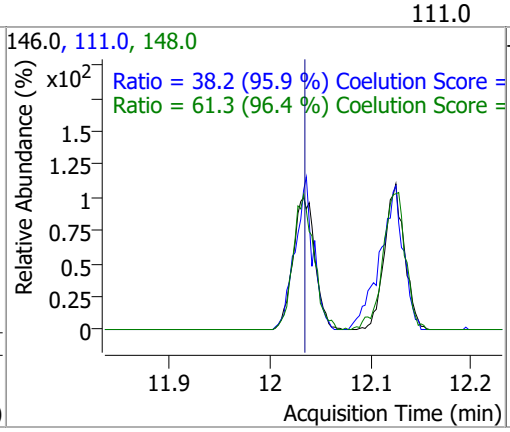


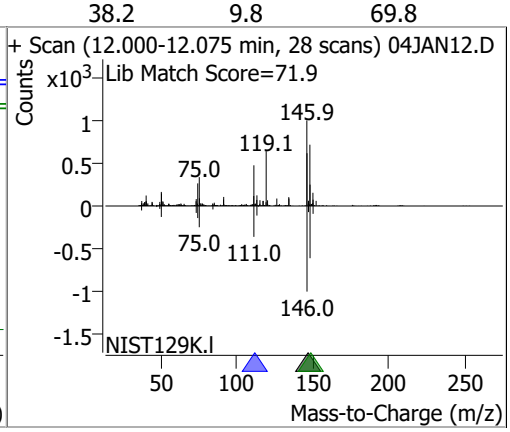




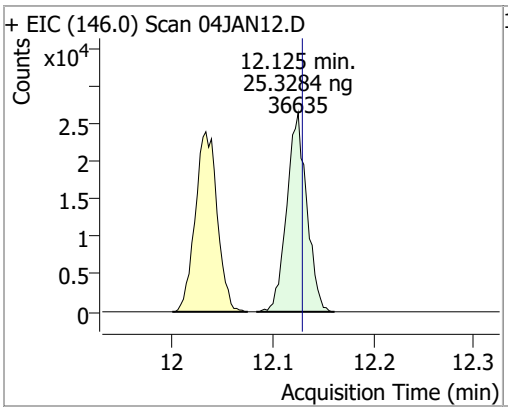
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	25.7725	12.03	0.00	36559	148.0	61.3	33.6	93.6
					111.0	38.2	9.8	69.8

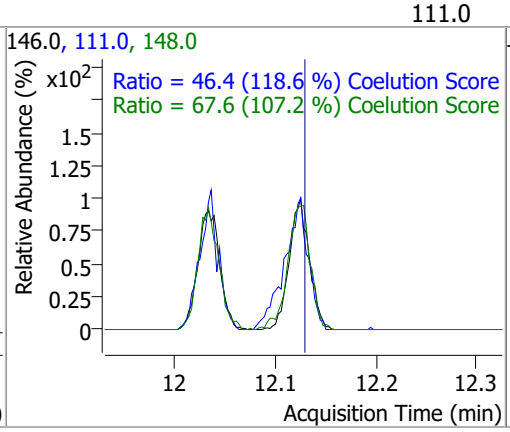


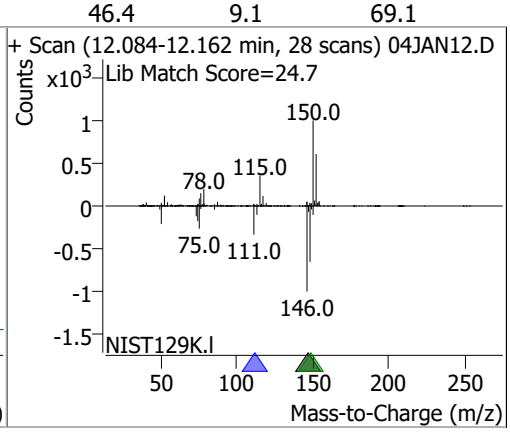




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	25.3284	12.13	0.00	36635	148.0	67.6	33.1	93.1
					111.0	46.4	9.1	69.1

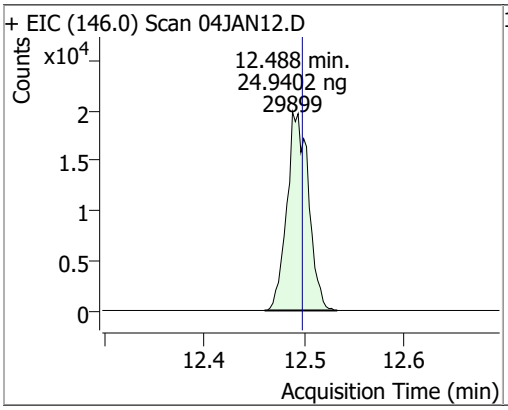


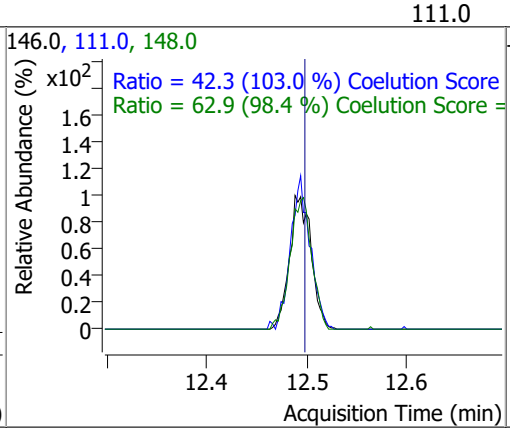


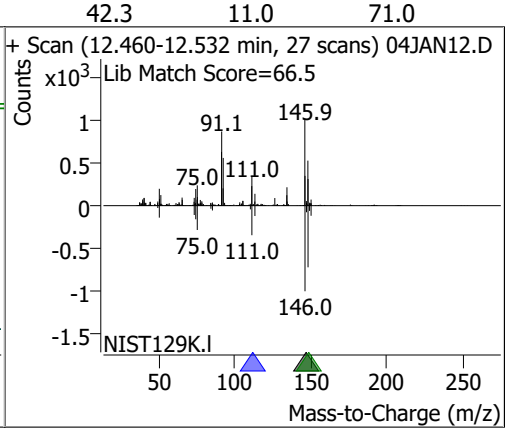


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	24.9402	12.49	-0.01	29899	148.0	62.9	33.9	93.9
					111.0	42.3	11.0	71.0







Quantitation Results Report (QT Reviewed)

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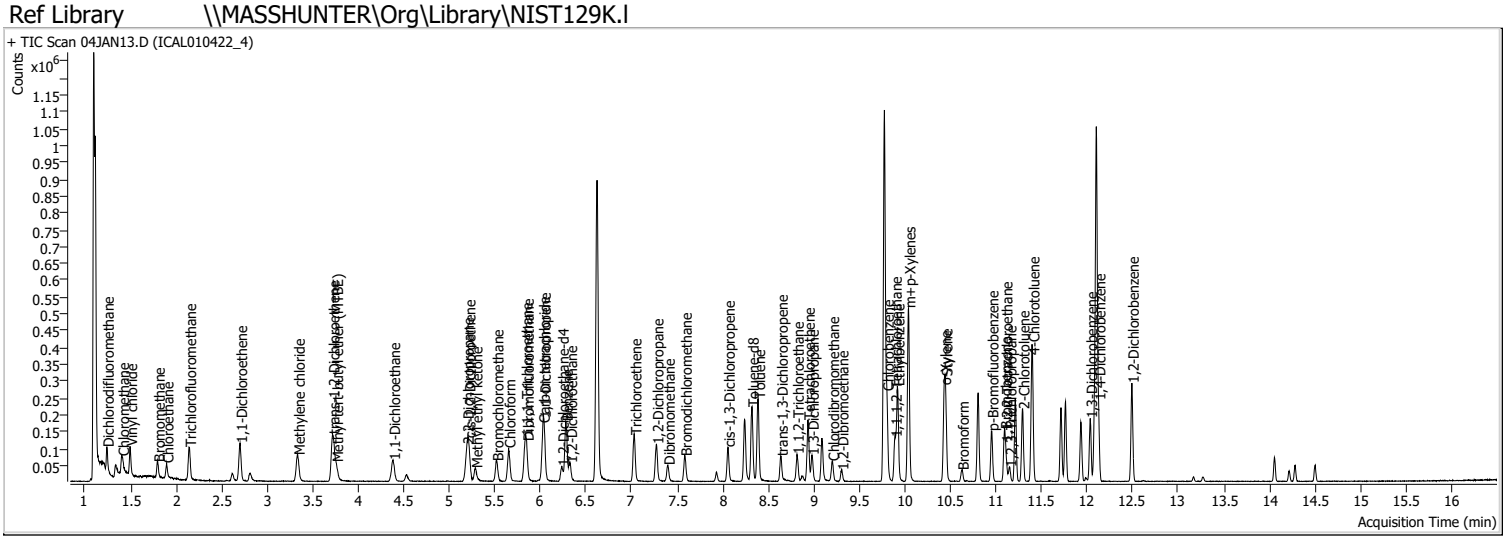
Data File	04JAN13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 4:55:32 PM
Sample Name	ICAL010422_4	Instrument	VOA5975C
Vial	13	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

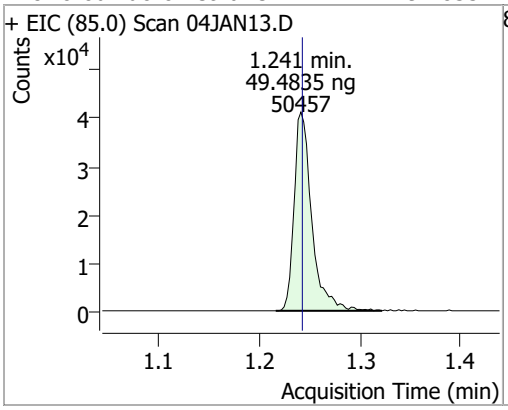


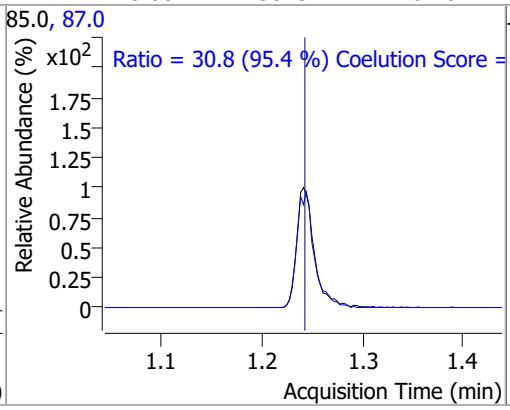
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.623	96.0	778120	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	300356	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	248636	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	35309	48.1661	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 19.27%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	15238	48.1252	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 19.25%		*	
S Toluene-d8	8.319	98.0	136453	47.1441	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 18.86%		*	
S p-Bromofluorobenzene	10.951	95.0	42506	46.6647	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 18.67%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	50457	49.4835	ng		97
T Chloromethane	1.408	50.0	61632	49.7983	ng		99
T Vinyl chloride	1.495	62.0	54521	48.9580	ng		96
T Bromomethane	1.799	96.0	23699	47.5921	ng		100
T Chloroethane	1.897	64.0	25484	46.2243	ng		98
T Trichlorofluoromethane	2.145	101.0	68163	49.3128	ng		98
T 1,1-Dichloroethene	2.702	96.0	38253	48.8056	ng		100
T Methylene chloride	3.335	49.0	58282	50.4421	ng		99
T trans-1,2-Dichloroethene	3.717	96.0	39596	49.5178	ng		99
T Methyl tert-butyl ether (MTBE)	3.757	73.0	49126	47.5301	ng		100
T 1,1-Dichloroethane	4.381	63.0	73205	49.1828	ng		100
T 2,2-Dichloropropane	5.193	77.0	56189	50.3804	ng		100
T cis-1,2-Dichloroethene	5.209	96.0	39251	48.4154	ng		99
T Methyl ethyl ketone	5.285	43.0	52648	479.4296	ng		99
T Bromochloromethane	5.516	128.0	17338	51.6233	ng		96
T Chloroform	5.650	83.0	71403	48.2031	ng		99

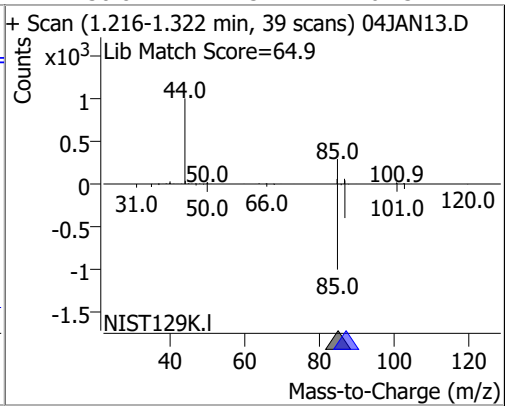
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	67007	48.2688	ng	98
T Carbon tetrachloride	6.026	117.0	65313	47.7520	ng	98
T 1,1-Dichloropropene	6.035	75.0	56376	47.7627	ng	99
T Benzene	6.277	78.0	148727	48.0054	ng	100
T 1,2-Dichloroethane	6.325	62.0	41058	48.9880	ng	97
T Trichloroethene	7.030	95.0	42682	47.1189	ng	98
T 1,2-Dichloropropane	7.273	63.0	37870	47.5273	ng	96
T Dibromomethane	7.396	93.0	15989	47.4844	ng	97
T Bromodichloromethane	7.585	83.0	43900	47.2409	ng	97
T cis-1,3-Dichloropropene	8.057	75.0	48886	46.5283	ng	97
T Toluene	8.388	92.0	91915	47.0116	ng	100
T trans-1,3-Dichloropropene	8.639	75.0	35179	47.0378	ng	100
T 1,1,2-Trichloroethane	8.815	83.0	18884	48.4759	ng	99
T Tetrachloroethene	8.935	163.8	36925	46.2932	ng	97
T 1,3-Dichloropropane	8.980	76.0	37457	48.8841	ng	98
T Chlorodibromomethane	9.203	129.0	28153	46.2411	ng	99
T 1,2-Dibromoethane	9.303	107.0	21037	49.3889	ng	93
T Chlorobenzene	9.802	112.0	101452	47.3959	ng	99
T 1,1,1,2-Tetrachloroethane	9.889	131.0	35544	47.5029	ng	99
T Ethylbenzene	9.917	91.0	173769	46.8079	ng	99
T m+p-Xylenes	10.039	106.0	133498	92.5347	ng	98
T o-Xylene	10.430	106.0	61016	47.5086	ng	98
T Styrene	10.444	104.0	96576	46.7052	ng	100
T Bromoform	10.625	172.5	16073	50.5170	ng	96
T Bromobenzene	11.093	156.0	38282	47.5759	ng	98
T 1,1,2,2-Tetrachloroethane	11.105	83.0	22514	48.6124	ng	99
T 1,2,3-Trichloropropane	11.146	110.0	6096	49.1924	ng	97
T 2-Chlorotoluene	11.289	126.0	37987	47.4466	ng	99
T 4-Chlorotoluene	11.400	91.0	126308	48.3865	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	69539	47.3853	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	71841	48.0106	ng	97
T 1,2-Dichlorobenzene	12.491	146.0	60213	48.5498	ng	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

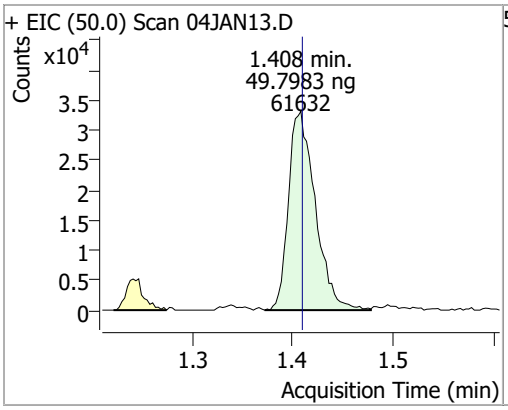
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	49.4835	1.24	0.00	50457	87.0	30.8	2.3	62.3

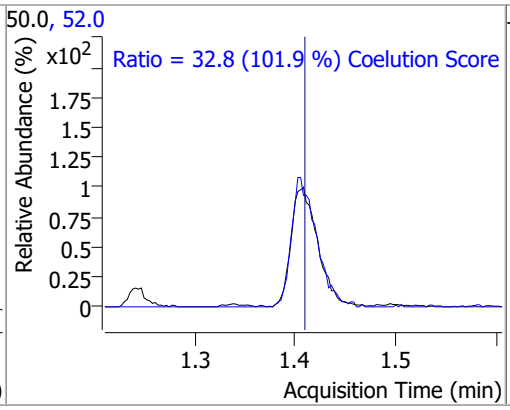


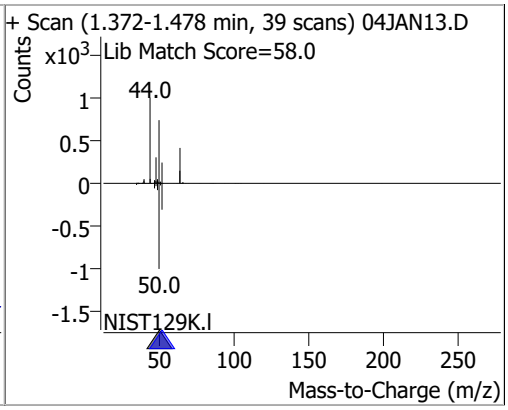




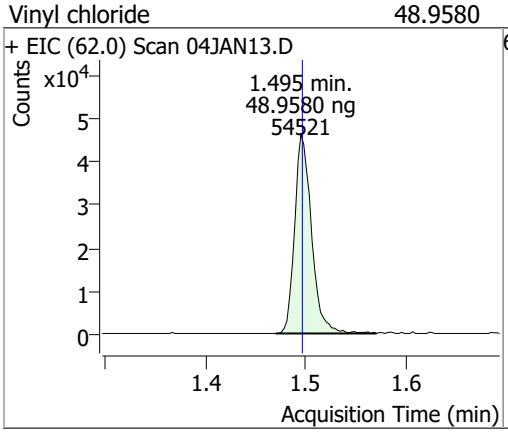
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	49.7983	1.41	0.00	61632	52.0	32.8	2.1	62.1

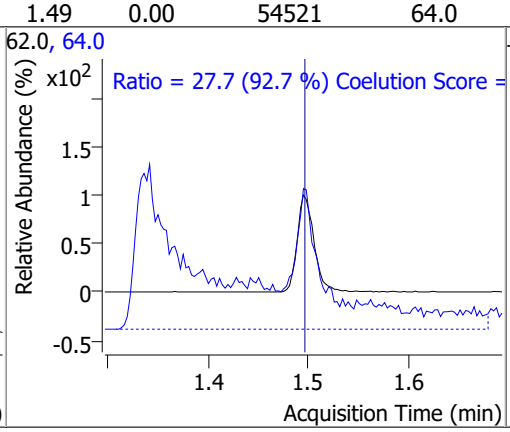


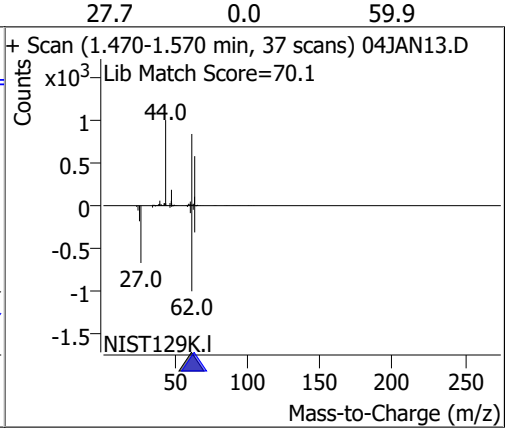




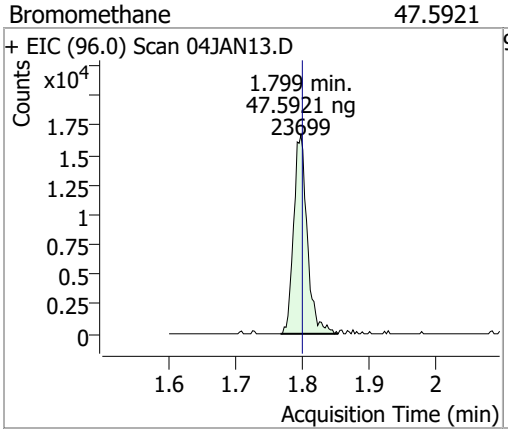
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	48.9580	1.49	0.00	54521	64.0	27.7	0.0	59.9

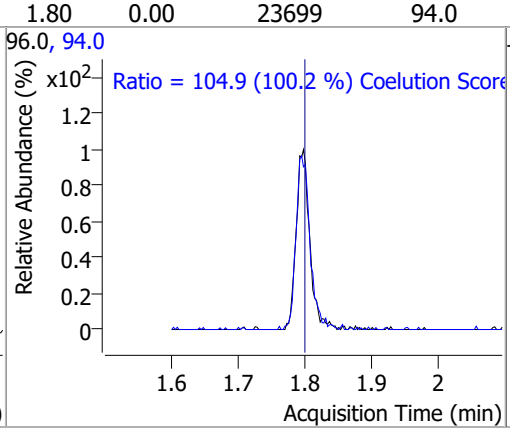


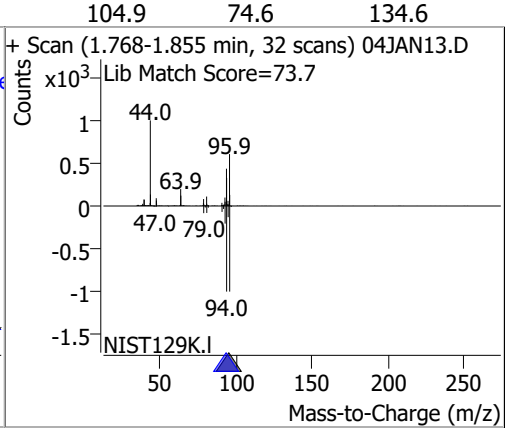




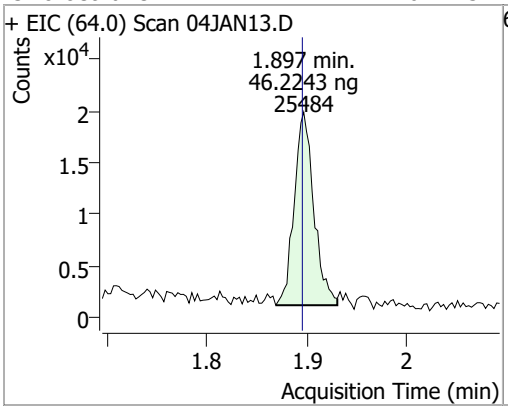
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	47.5921	1.80	0.00	23699	94.0	104.9	74.6	134.6

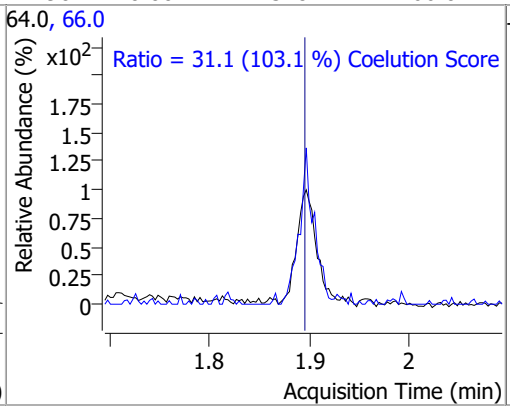


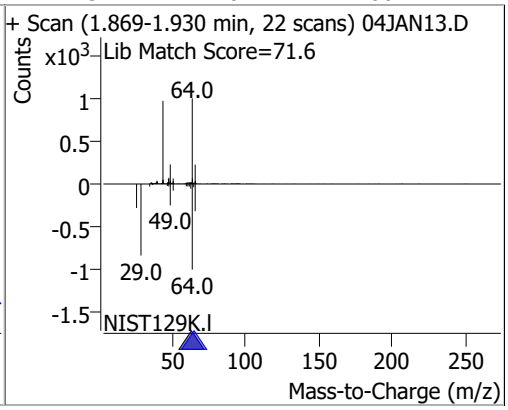




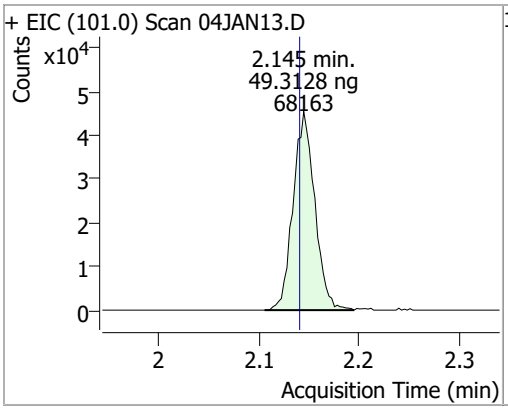
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	46.2243	1.90	0.00	25484	66.0	31.1	0.1	60.1

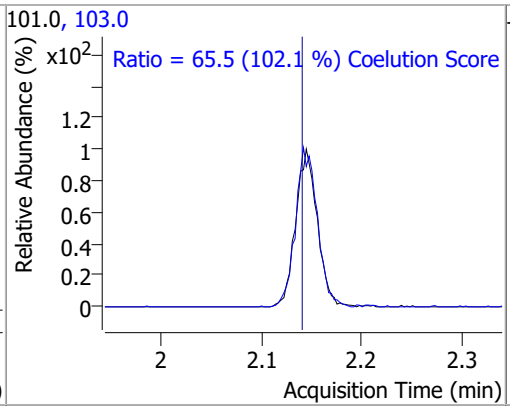


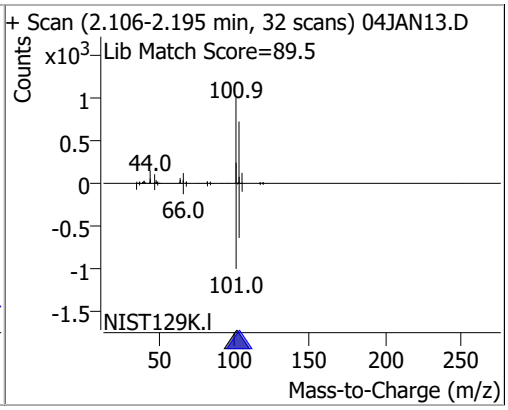




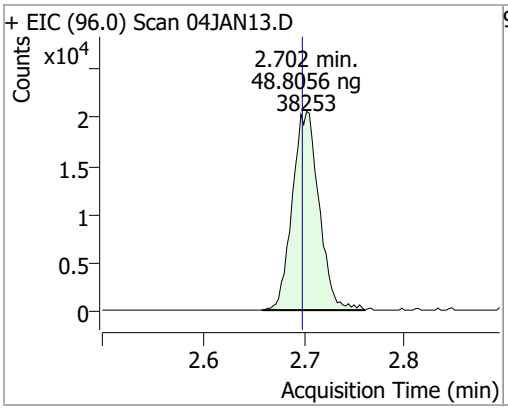
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	49.3128	2.14	0.00	68163	103.0	65.5	34.2	94.2

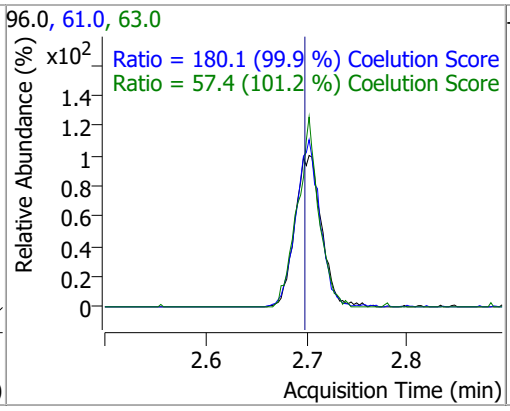


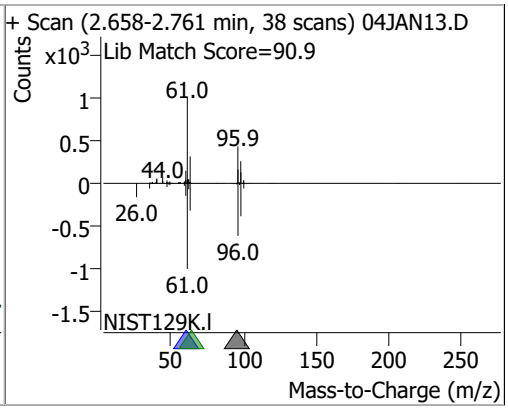




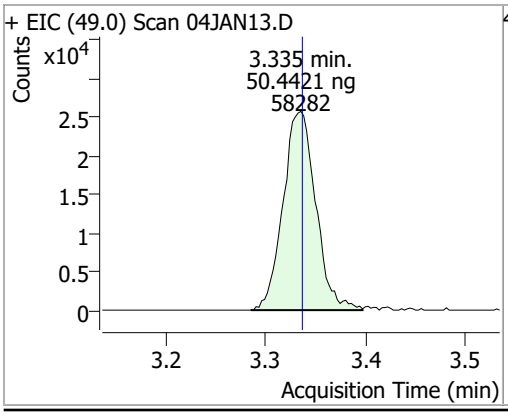
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	48.8056	2.70	0.01	38253	61.0	180.1	150.3	210.3
					63.0	57.4	26.7	86.7

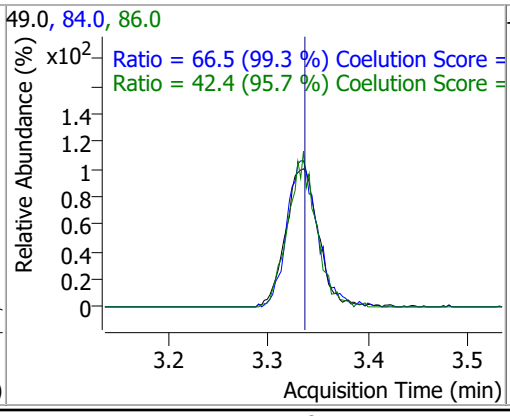


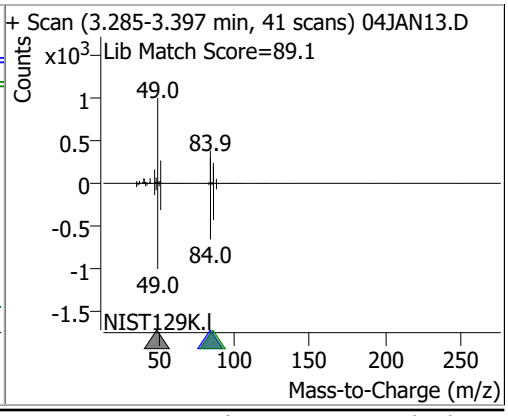




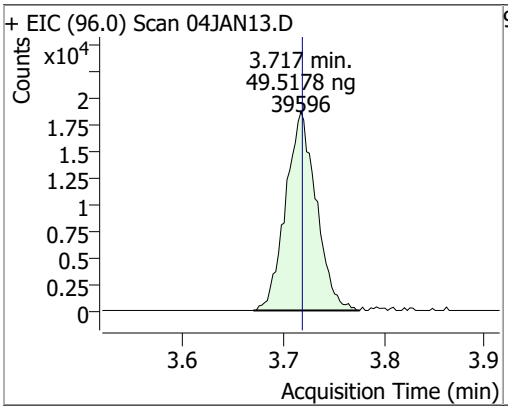
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	50.4421	3.34	0.00	58282	84.0	66.5	36.9	96.9
					86.0	42.4	14.3	74.3

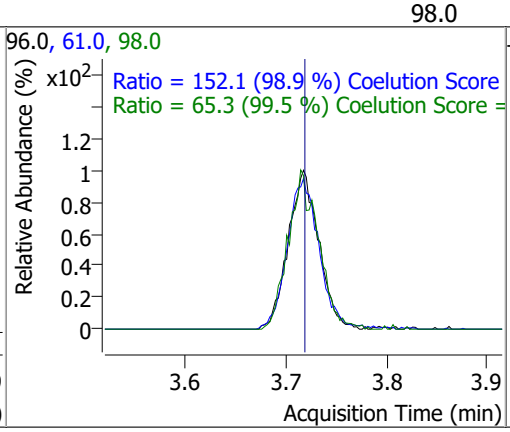


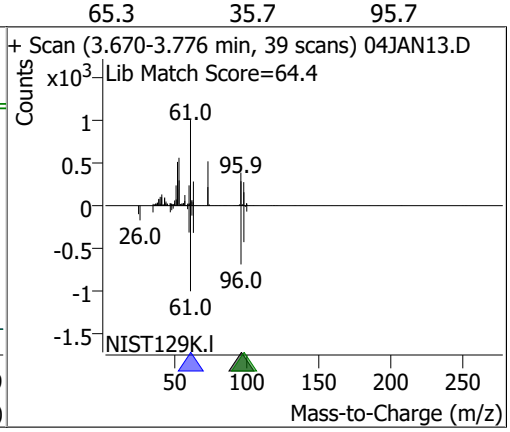




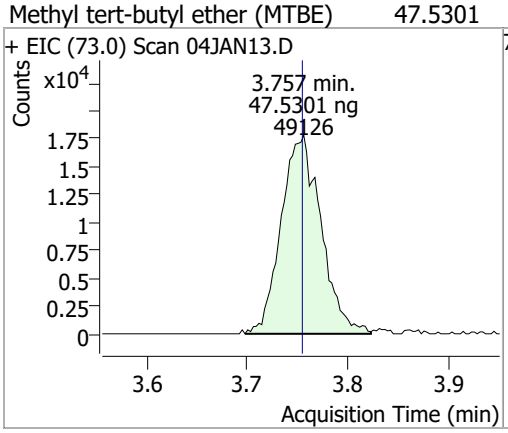
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	49.5178	3.72	0.00	39596	61.0	152.1	123.9	183.9
					98.0	65.3	35.7	95.7

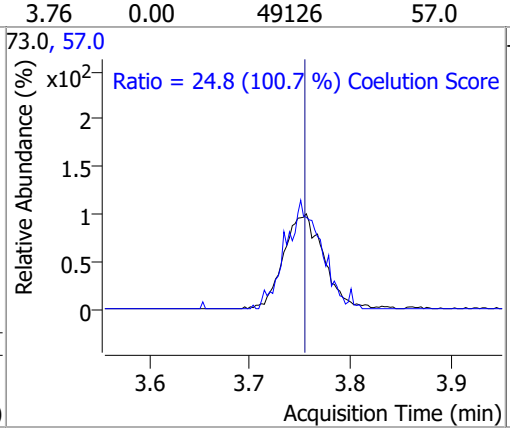


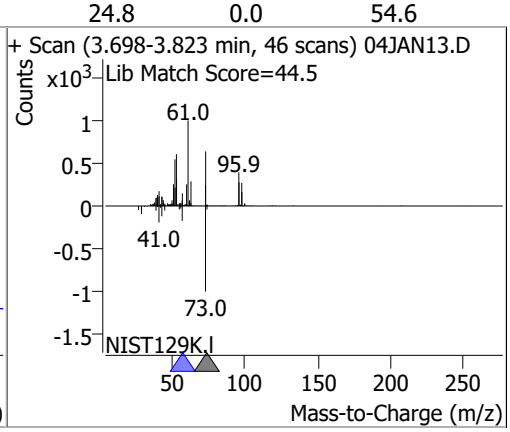




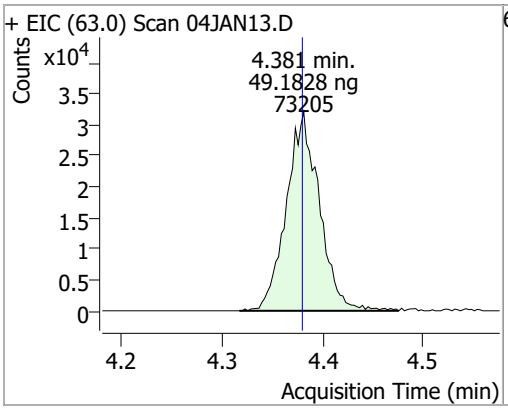
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	47.5301	3.76	0.00	49126	57.0	24.8	0.0	54.6

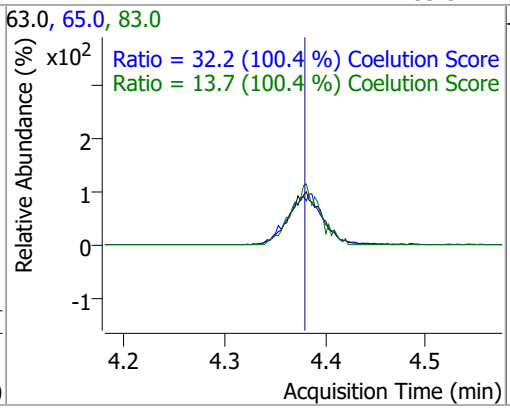


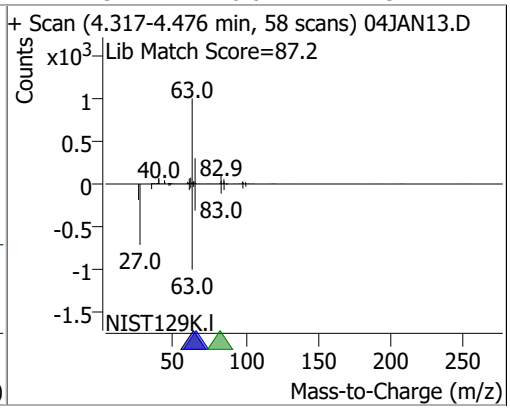




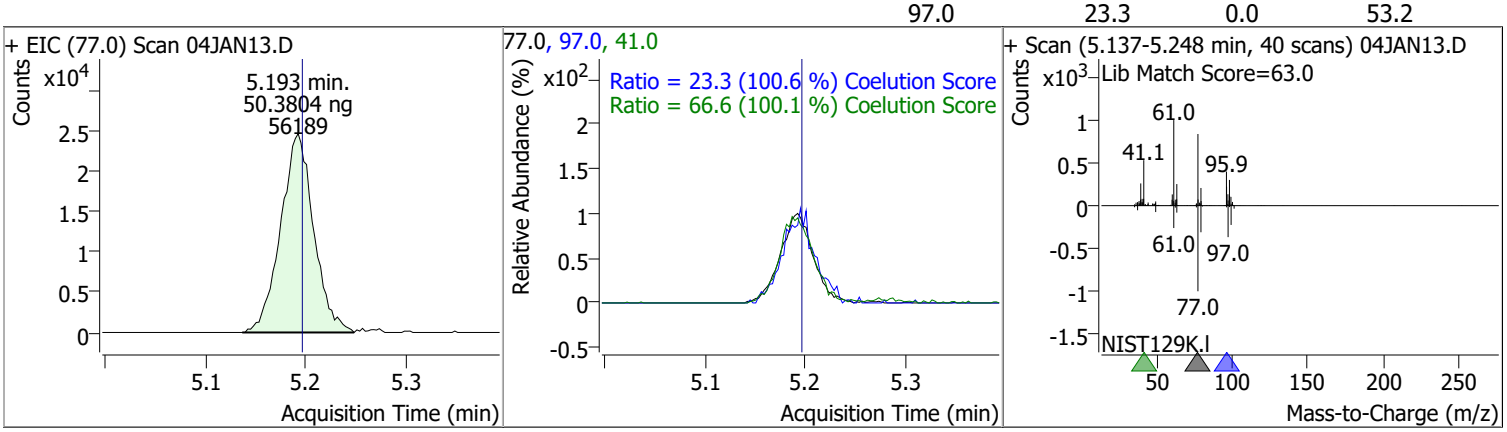
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	49.1828	4.38	0.00	73205	65.0	32.2	2.1	62.1
					83.0	13.7	0.0	43.7



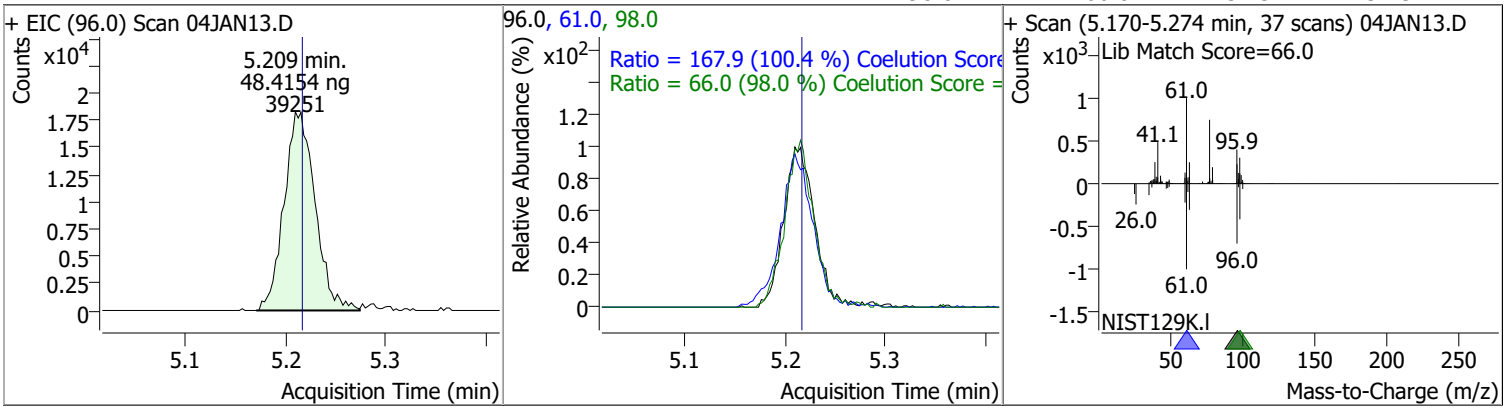




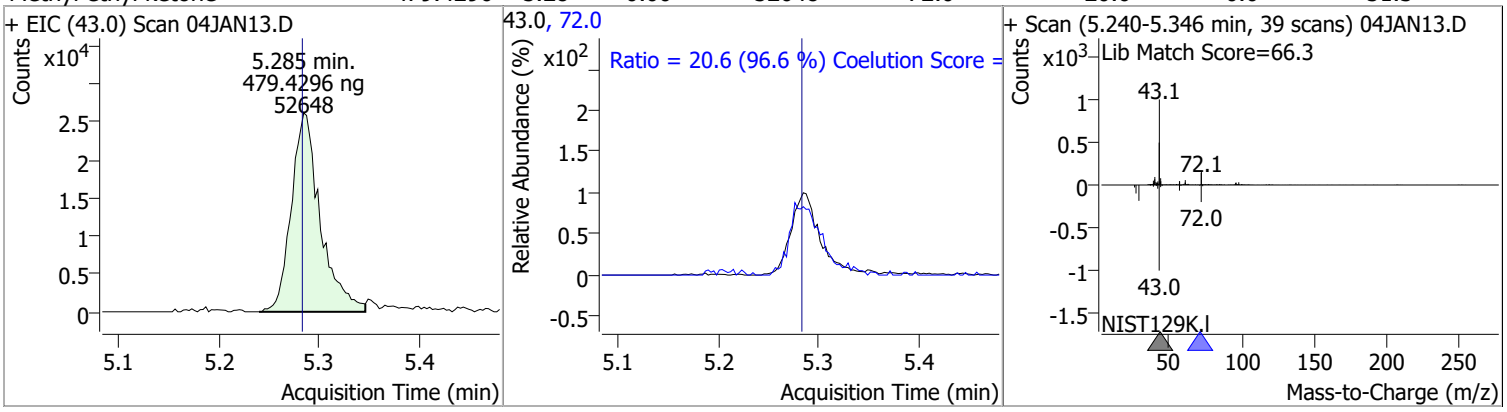
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	50.3804	5.19	0.00	56189	41.0	66.6	36.5	96.5
					97.0	23.3	0.0	53.2



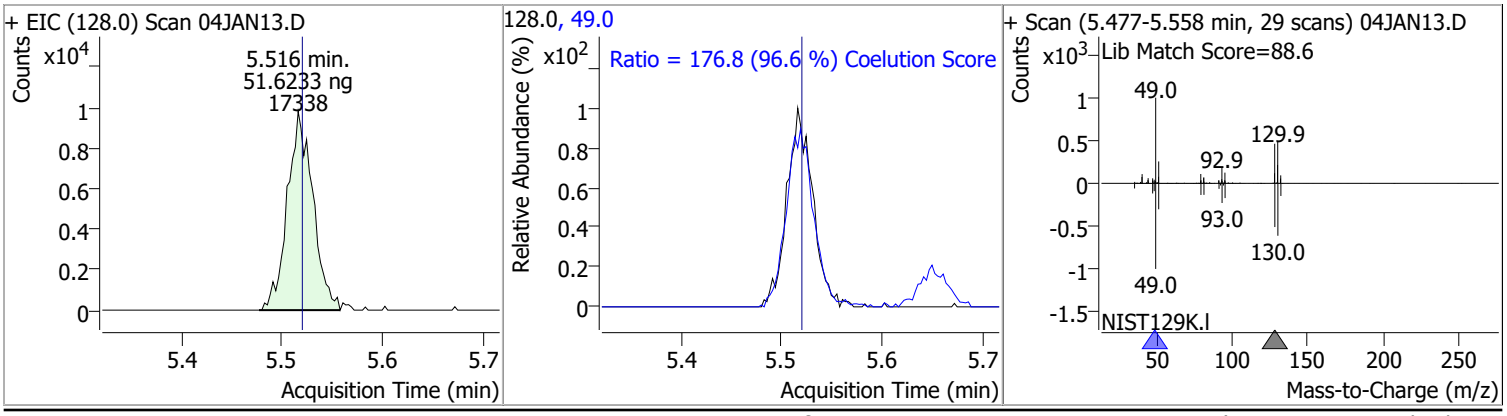
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	48.4154	5.21	-0.01	39251	61.0	167.9	137.2	197.2
					98.0	66.0	37.3	97.3



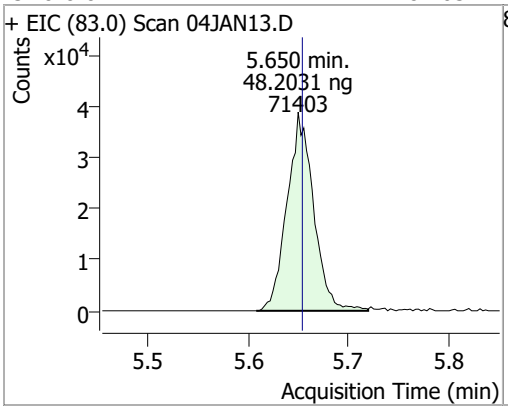
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	479.4296	5.28	0.00	52648	72.0	20.6	0.0	51.3

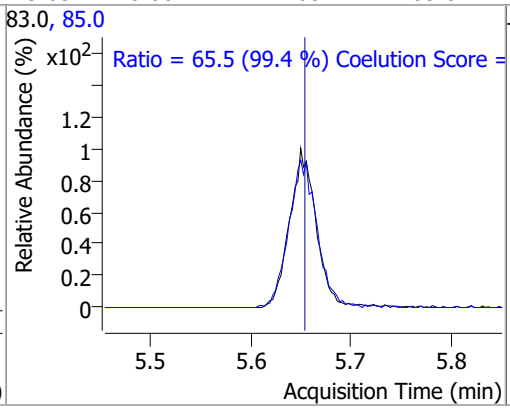


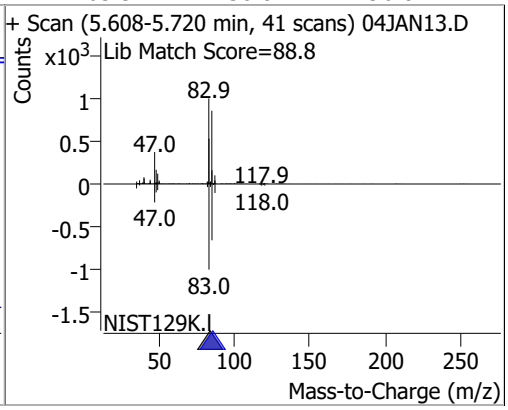
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	51.6233	5.52	0.00	17338	49.0	176.8	152.9	212.9



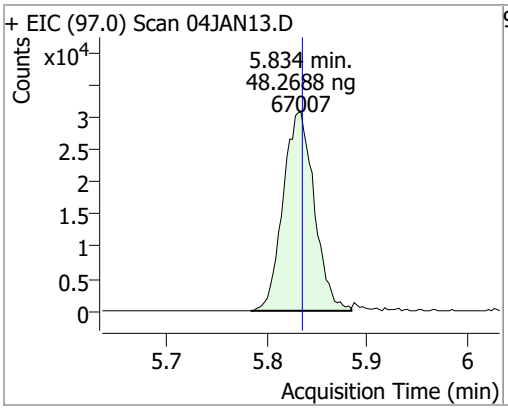
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	48.2031	5.65	0.00	71403	85.0	65.5	36.0	96.0

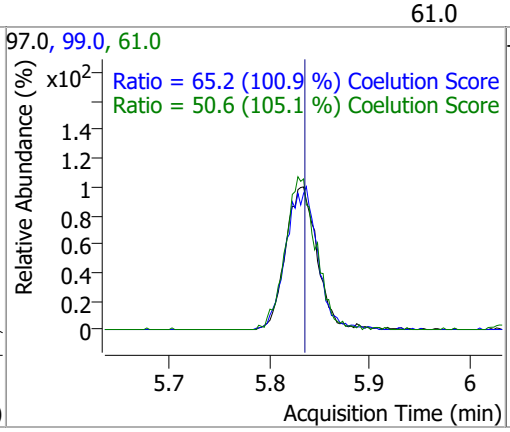


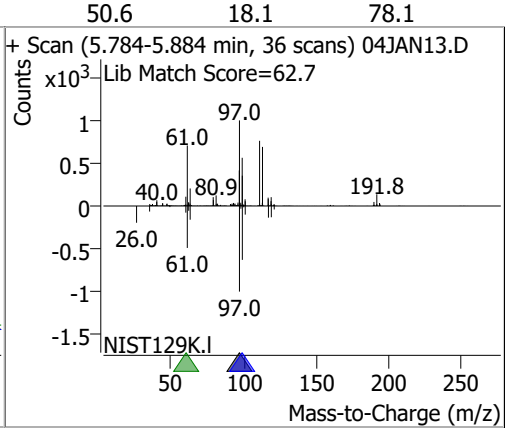




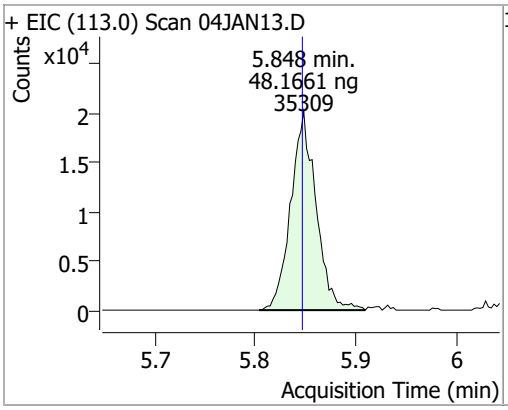
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	48.2688	5.83	0.00	67007	99.0	65.2	34.7	94.7
					61.0	50.6	18.1	78.1

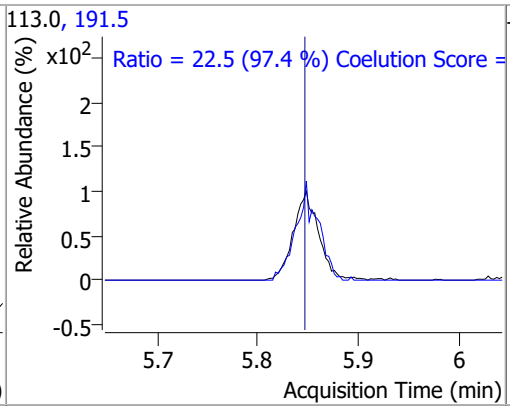


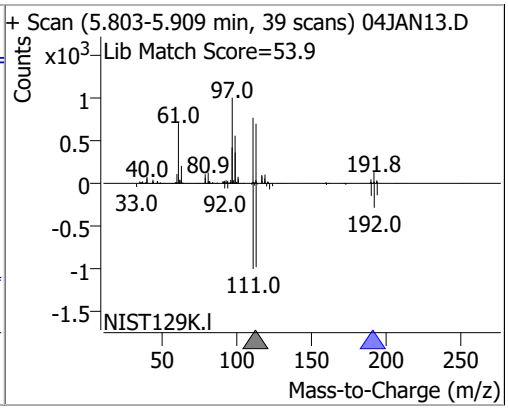




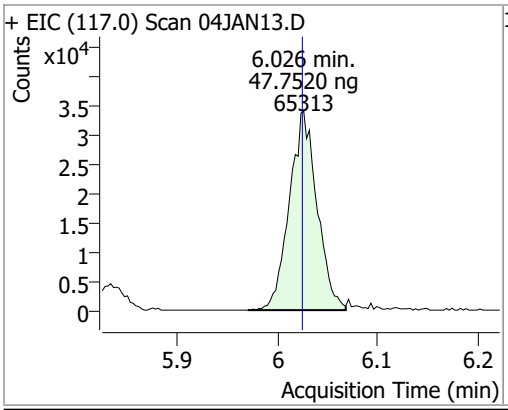
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	48.1661	5.85	0.00	35309	191.5	22.5	0.0	53.1

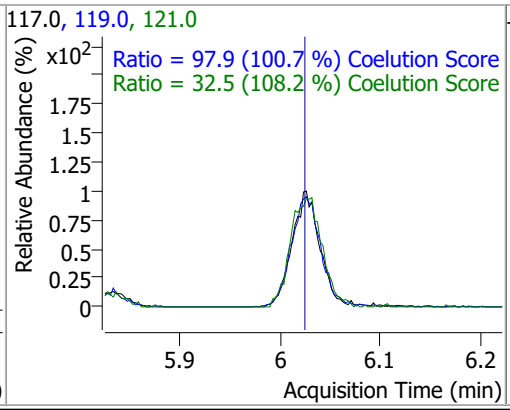


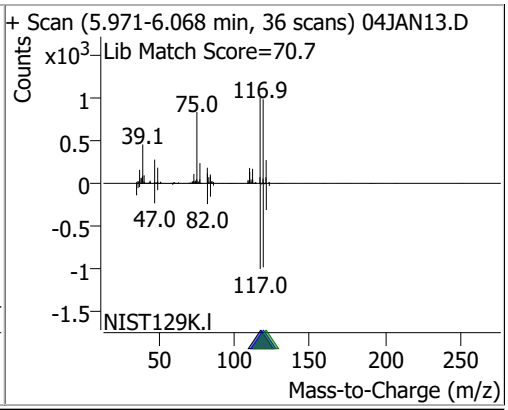




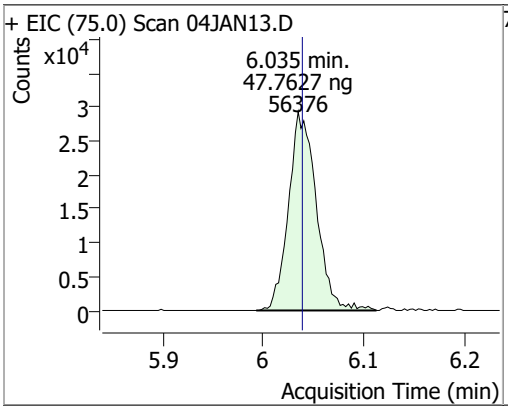
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	47.7520	6.03	0.00	65313	119.0	97.9	67.2	127.2
					121.0	32.5	0.1	60.1

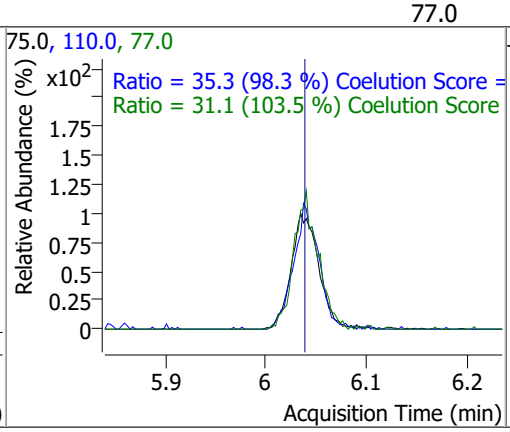


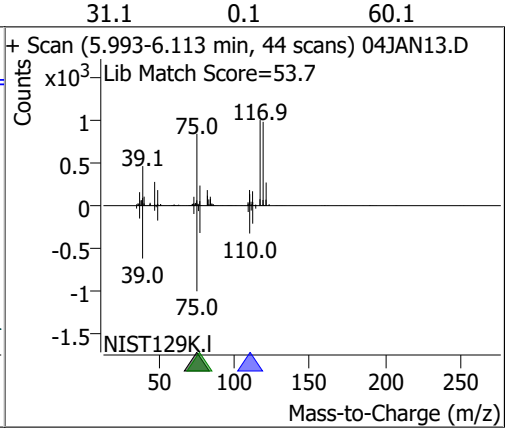




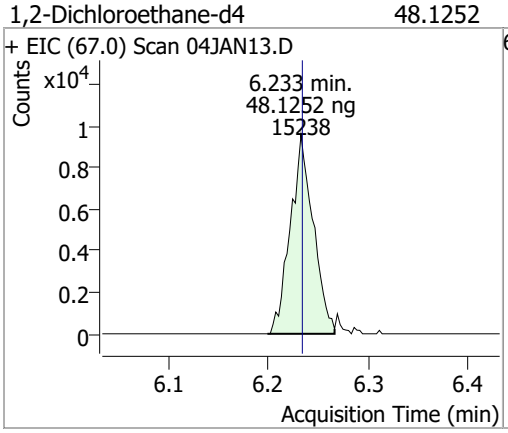
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	47.7627	6.03	0.00	56376	110.0	35.3	5.9	65.9
					77.0	31.1	0.1	60.1

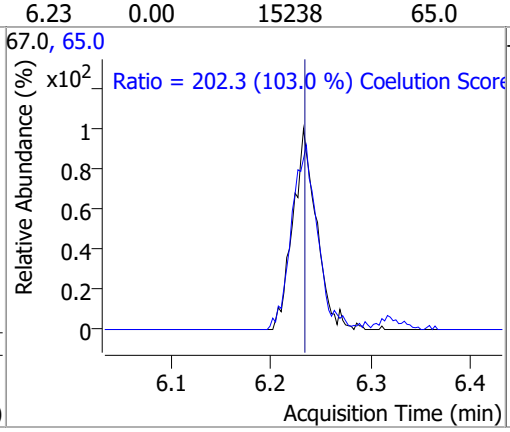


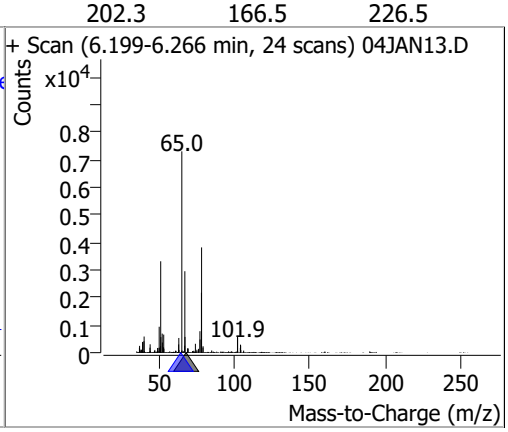




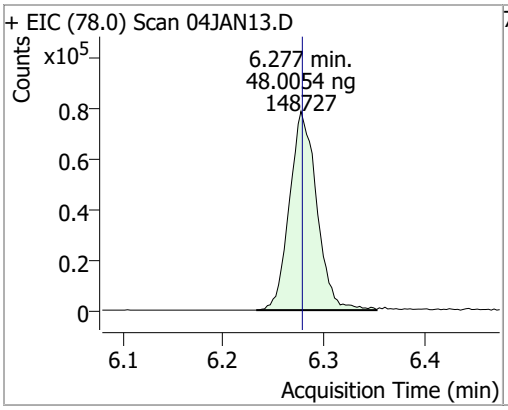
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	48.1252	6.23	0.00	15238	65.0	202.3	166.5	226.5

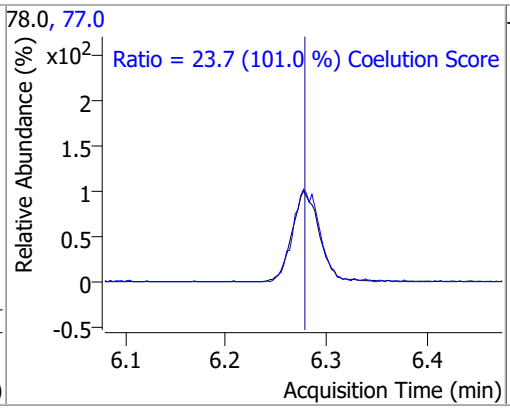


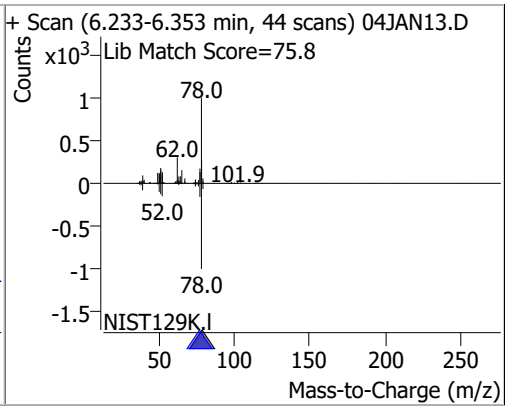




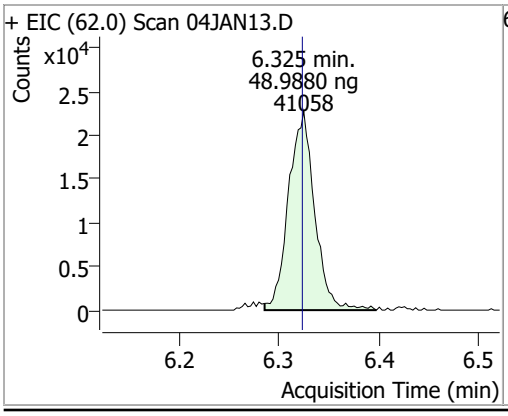
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	48.0054	6.28	0.00	148727	77.0	23.7	0.0	53.5

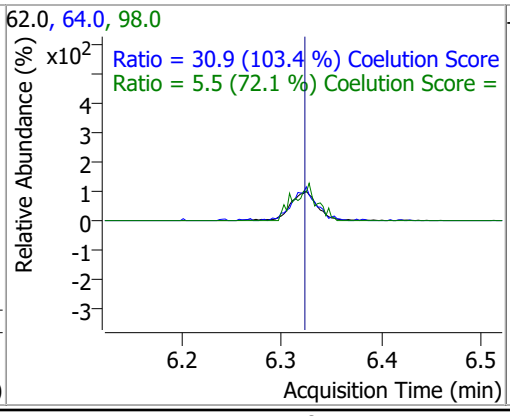


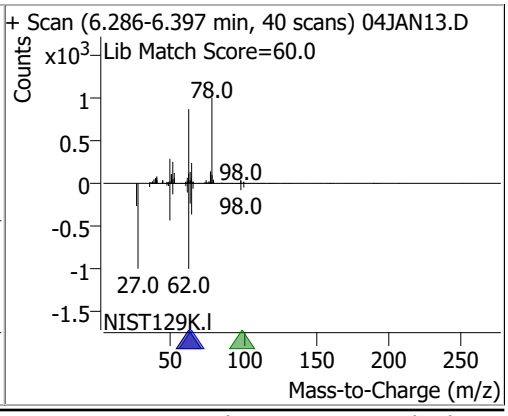




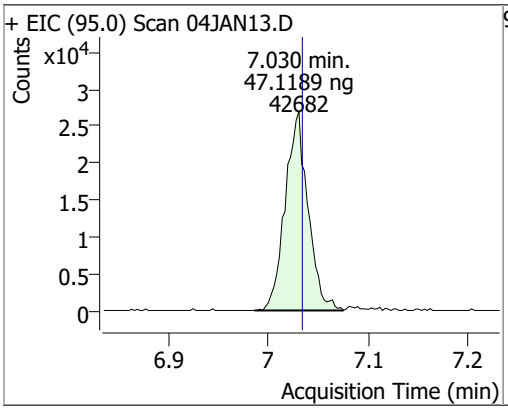
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	48.9880	6.32	0.00	41058	64.0	30.9	0.0	59.9
					98.0	5.5	0.0	37.6

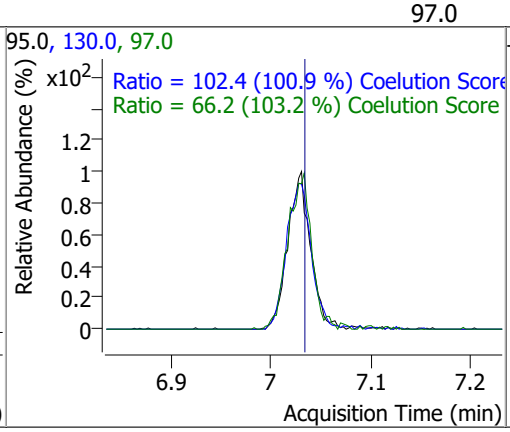


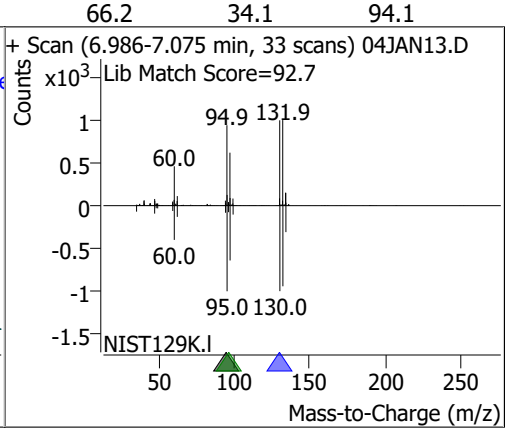




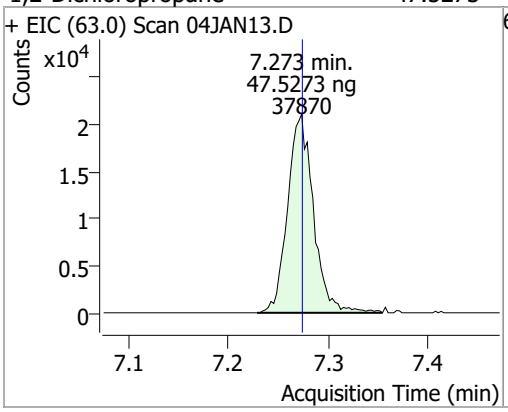
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	47.1189	7.03	0.00	42682	130.0	102.4	71.5	131.5
					97.0	66.2	34.1	94.1

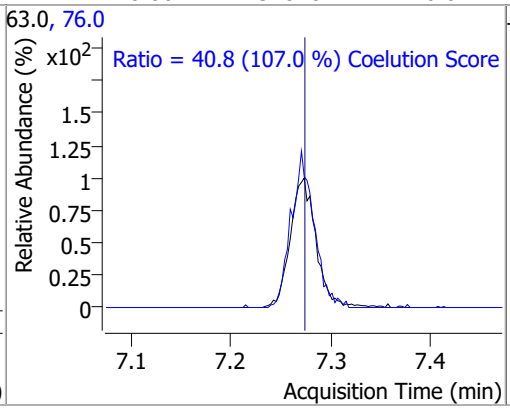


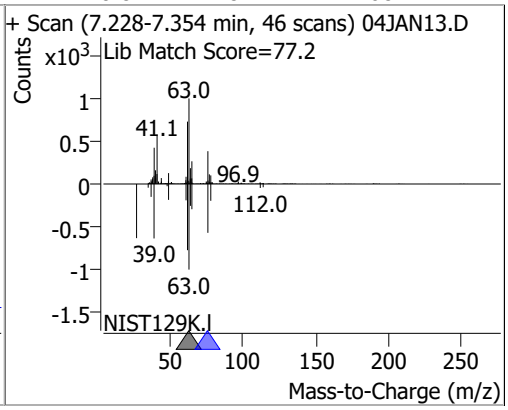




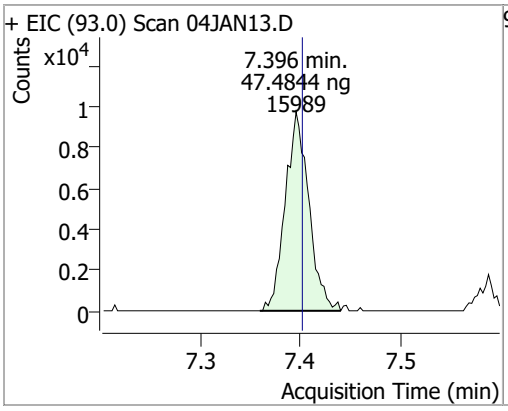
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	47.5273	7.27	0.00	37870	76.0	40.8	8.2	68.2

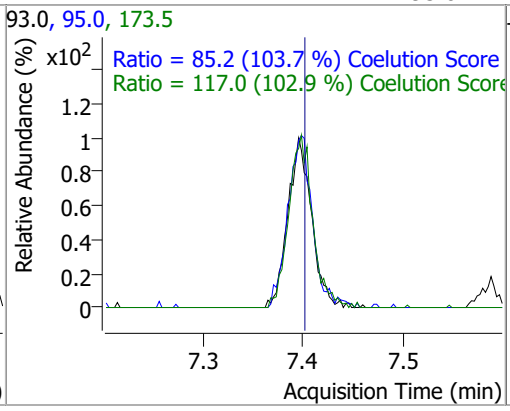


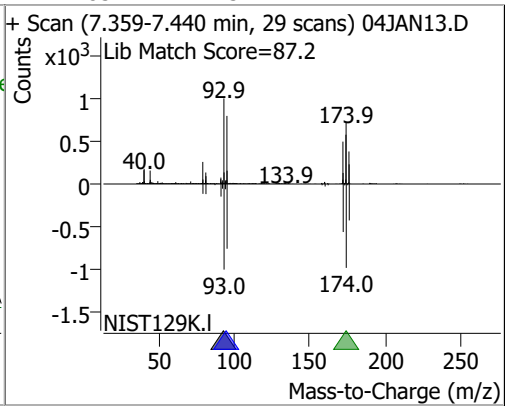




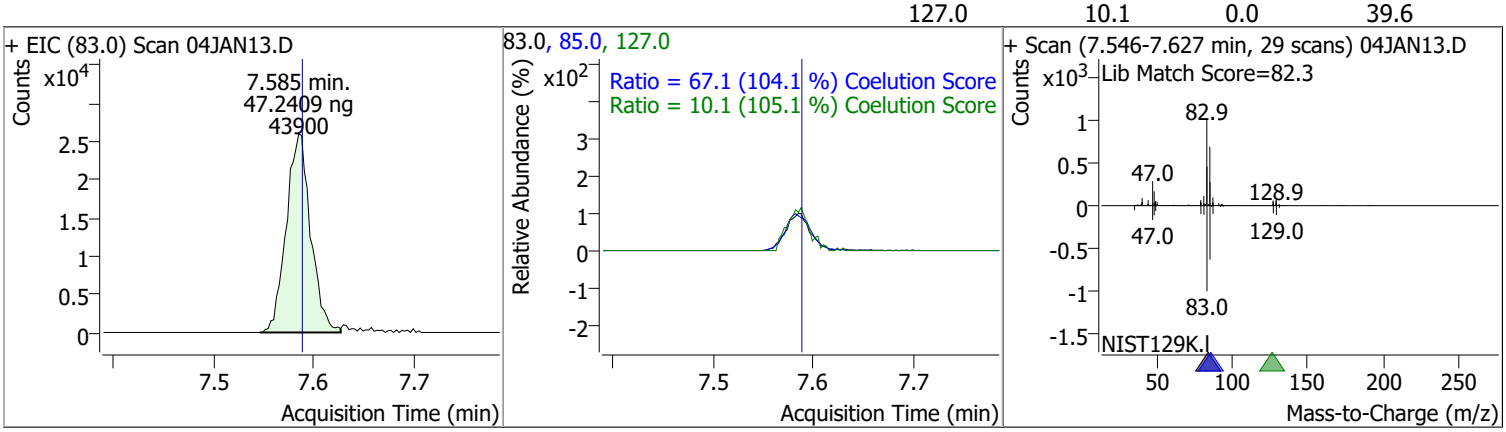
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	47.4844	7.40	0.00	15989	173.5	117.0	83.7	143.7
					95.0	85.2	52.2	112.2



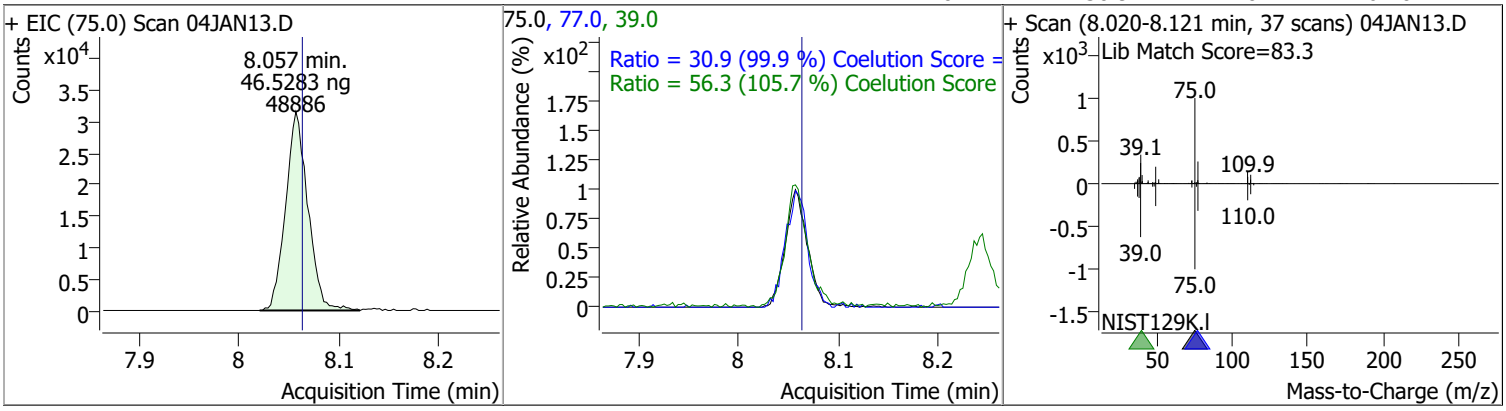




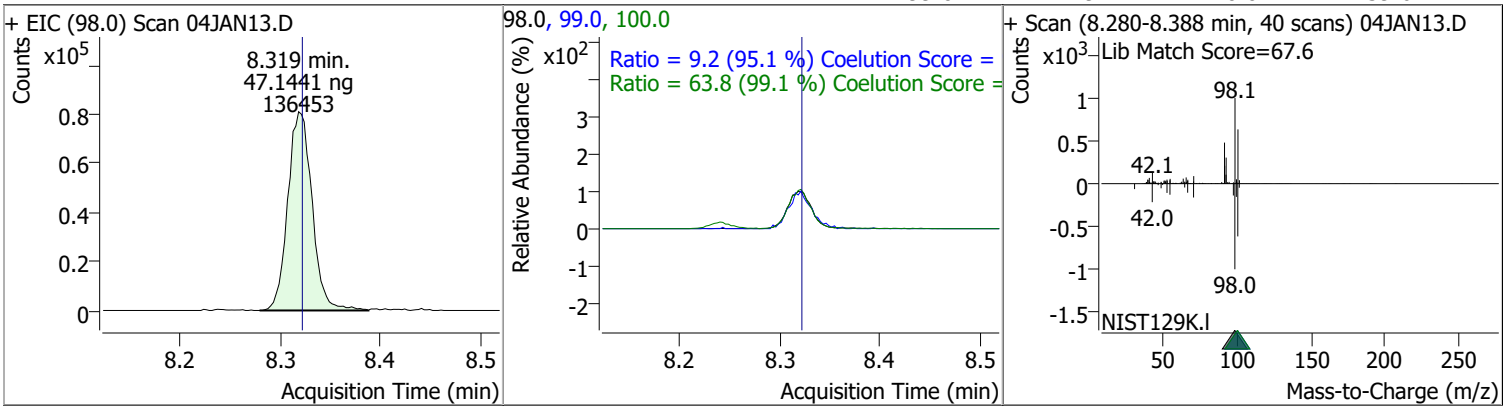
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	47.2409	7.59	0.00	43900	85.0	67.1	34.5	94.5
					127.0	10.1	0.0	39.6



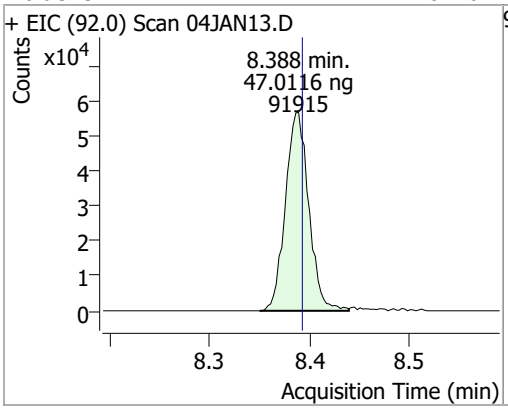
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	46.5283	8.06	0.00	48886	39.0	56.3	23.3	83.3
					77.0	30.9	1.0	61.0

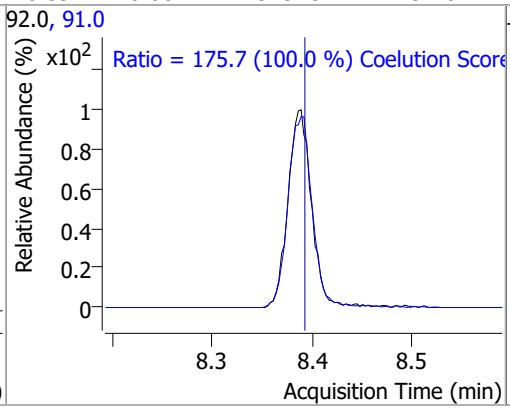


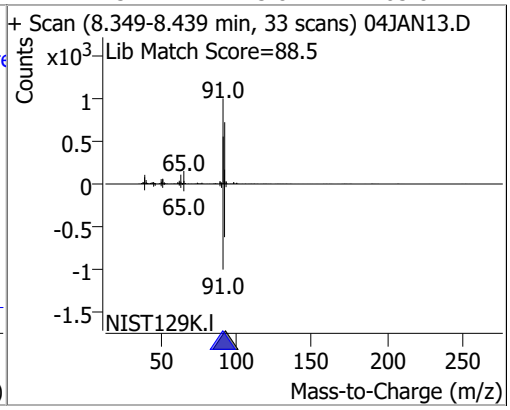
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	47.1441	8.32	0.00	136453	100.0	63.8	34.4	94.4
					99.0	9.2	0.0	39.6



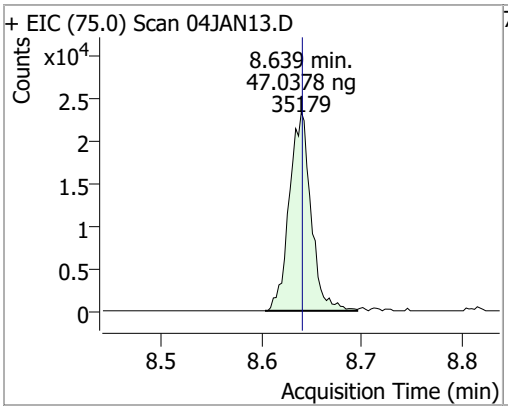
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	47.0116	8.39	0.00	91915	91.0	175.7	145.8	205.8

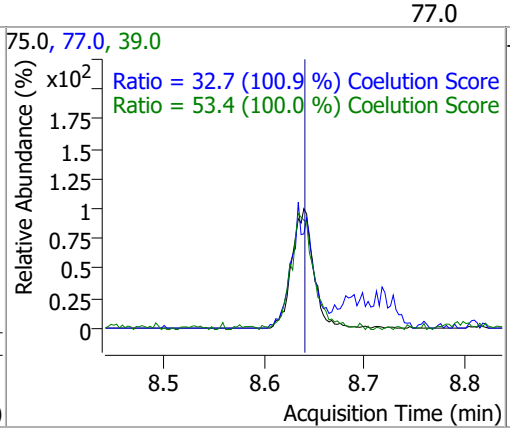


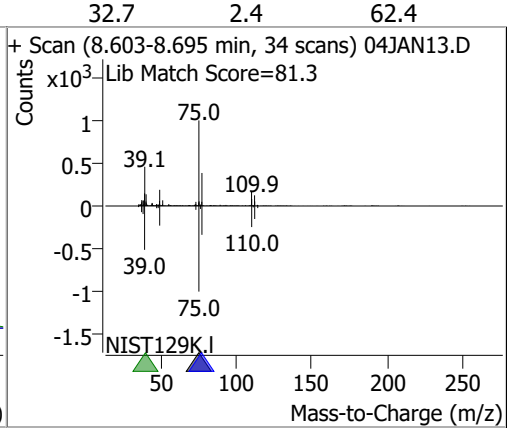




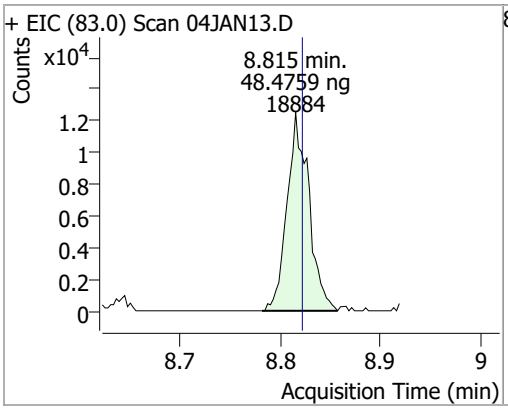
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	47.0378	8.64	0.00	35179	39.0	53.4	23.4	83.4
					77.0	32.7	2.4	62.4

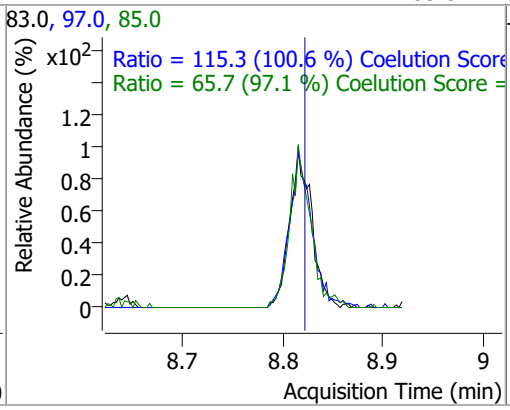


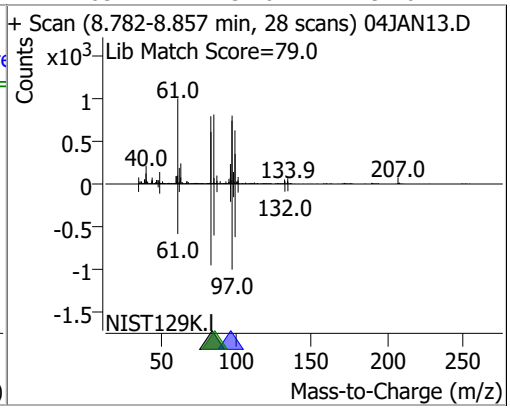




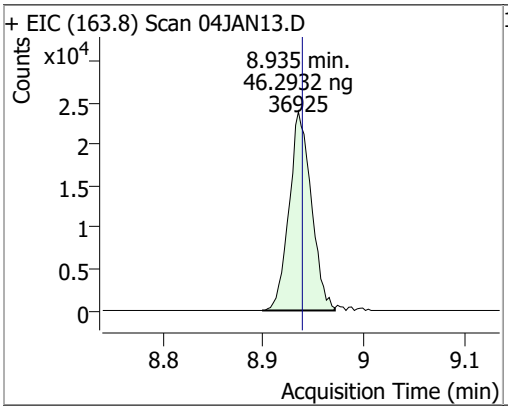
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	48.4759	8.82	0.00	18884	97.0	115.3	84.6	144.6
					85.0	65.7	37.6	97.6

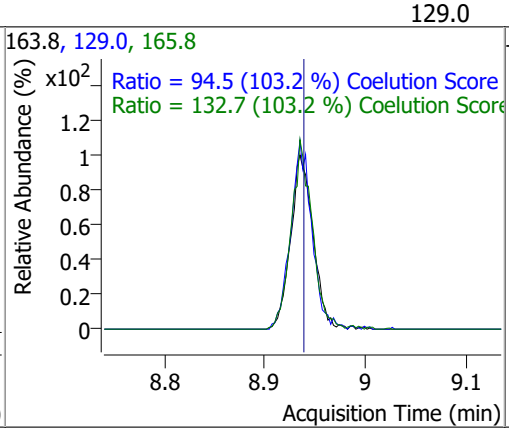


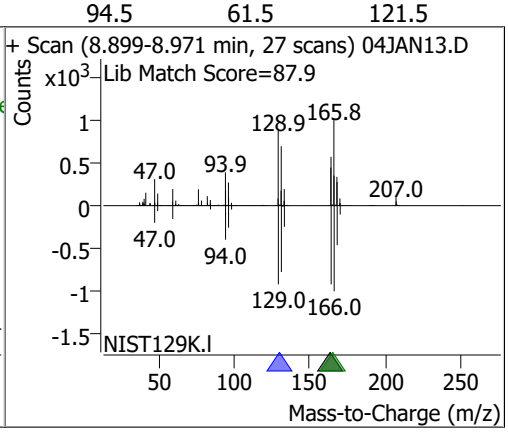




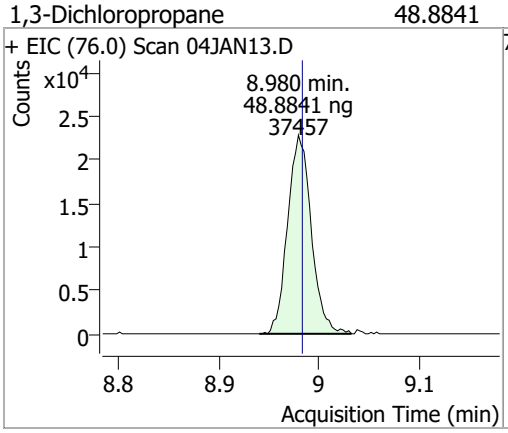
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	46.2932	8.94	0.00	36925	165.8	132.7	98.6	158.6
					129.0	94.5	61.5	121.5

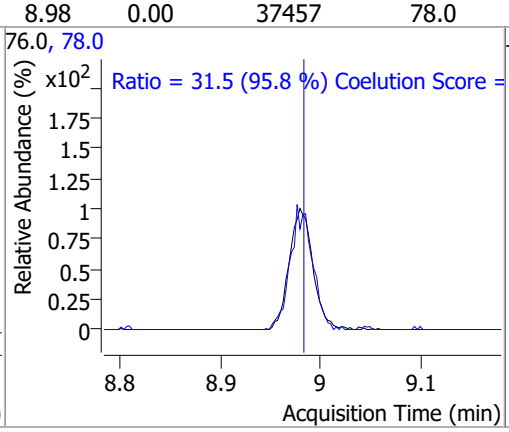


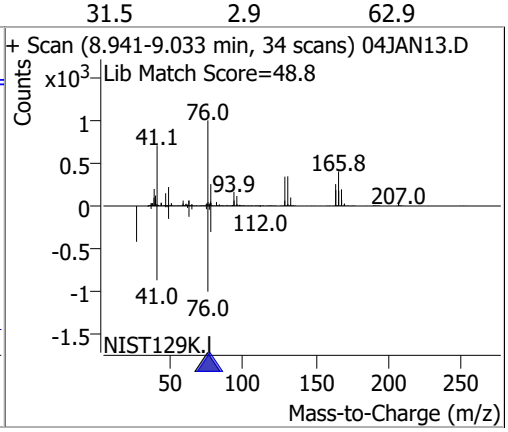




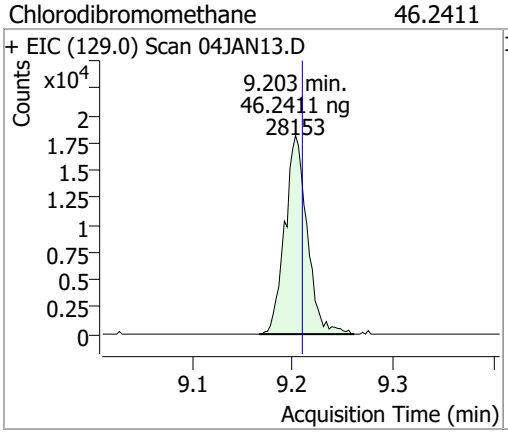
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	48.8841	8.98	0.00	37457	78.0	31.5	2.9	62.9

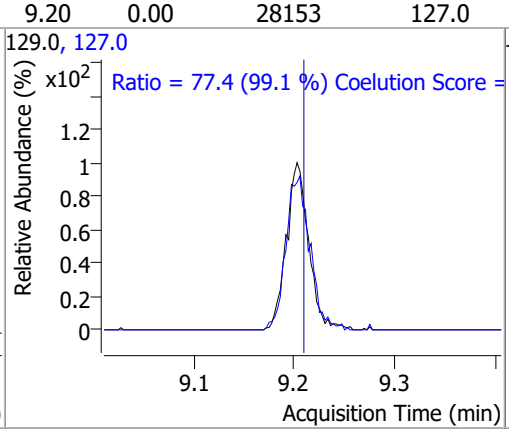


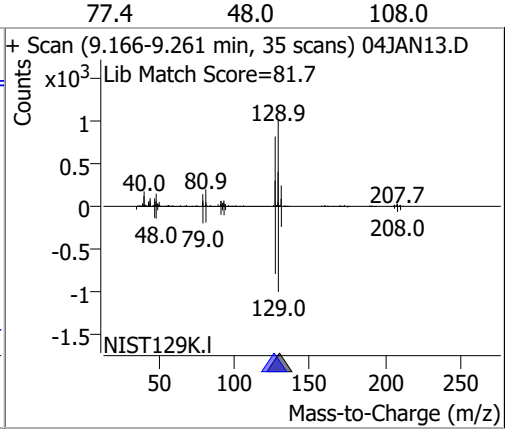




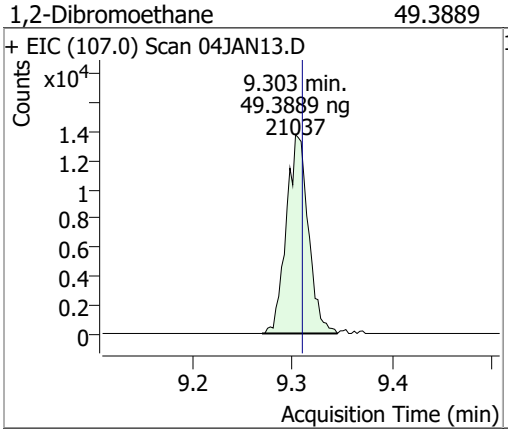
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	46.2411	9.20	0.00	28153	127.0	77.4	48.0	108.0

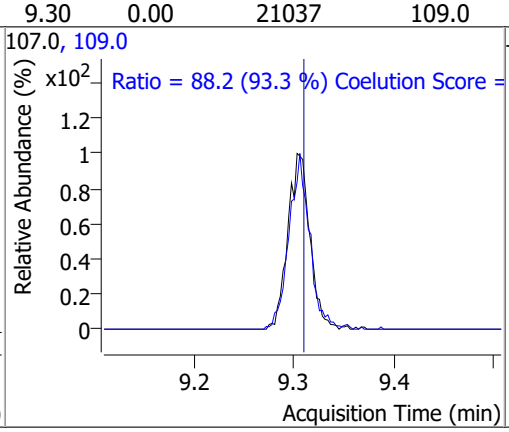


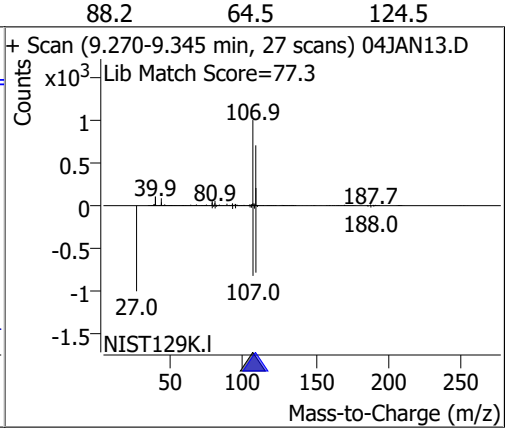




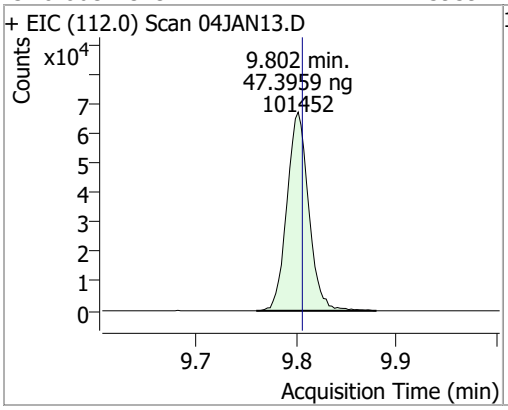
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	49.3889	9.30	0.00	21037	109.0	88.2	64.5	124.5

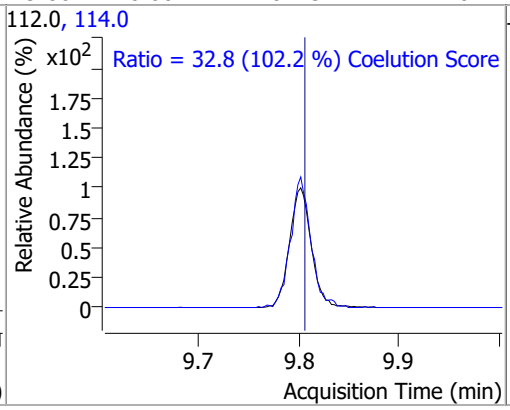


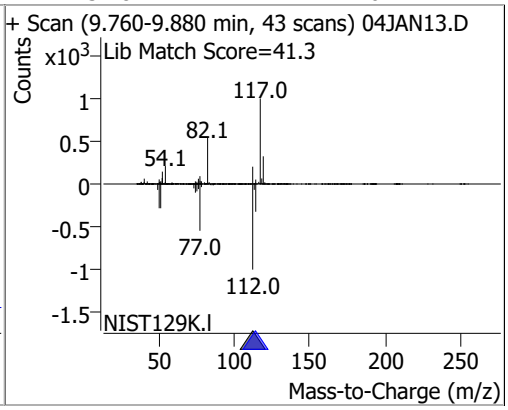




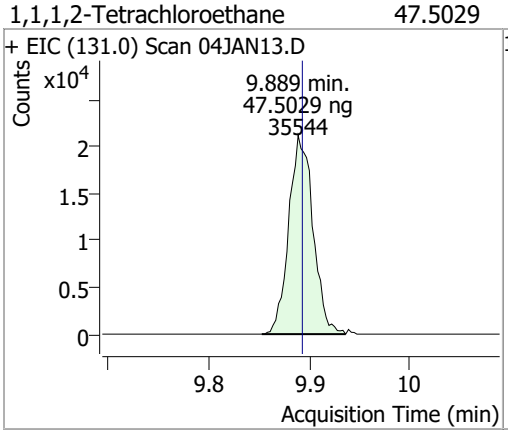
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	47.3959	9.80	0.00	101452	114.0	32.8	2.1	62.1

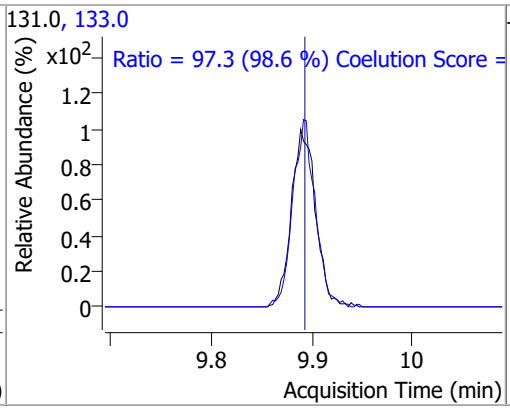


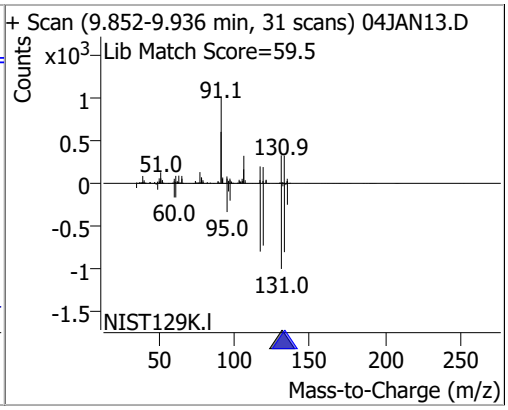




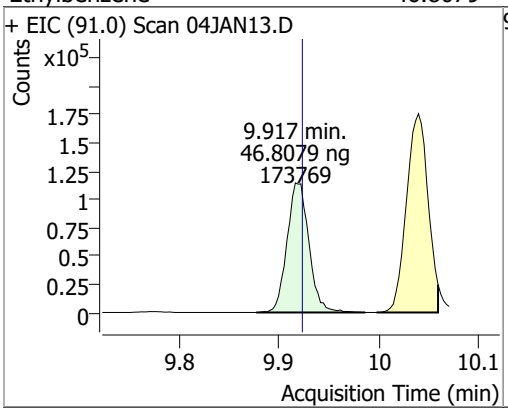
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	47.5029	9.89	0.00	35544	133.0	97.3	68.6	128.6

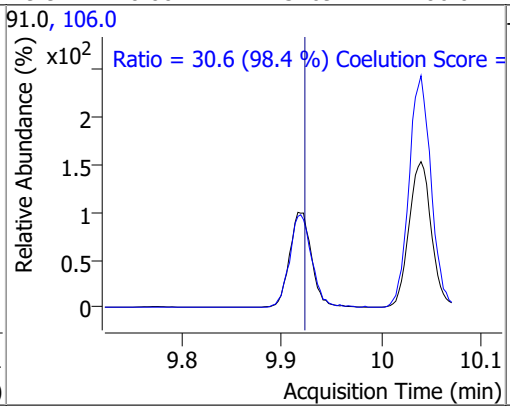


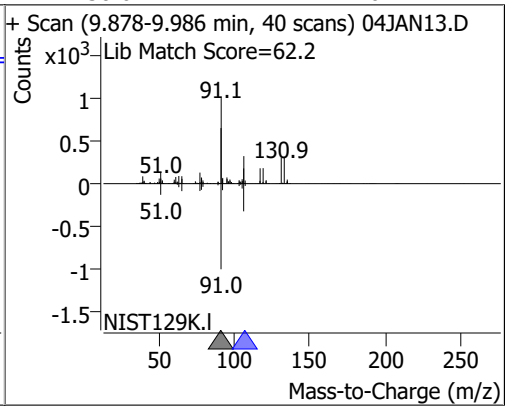




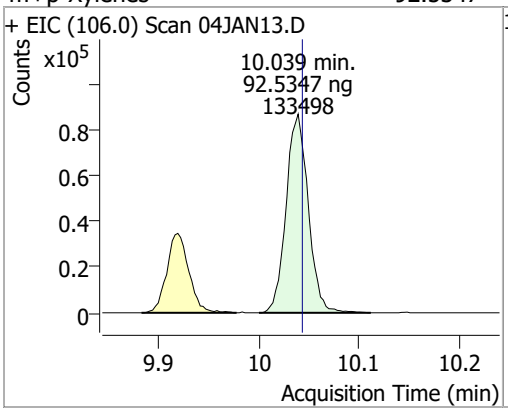
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	46.8079	9.92	0.00	173769	106.0	30.6	1.1	61.1

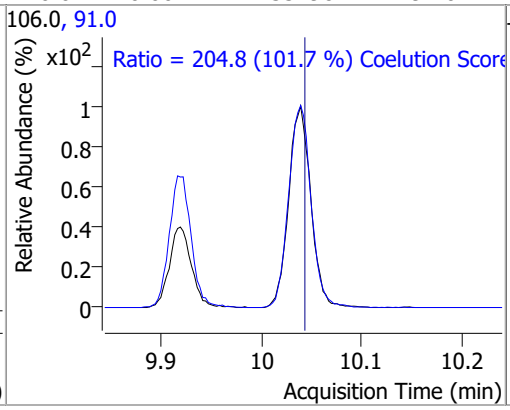


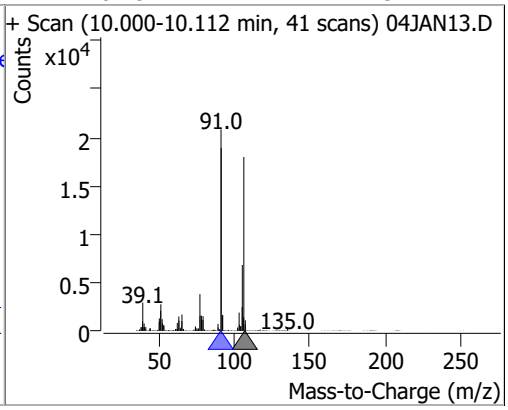




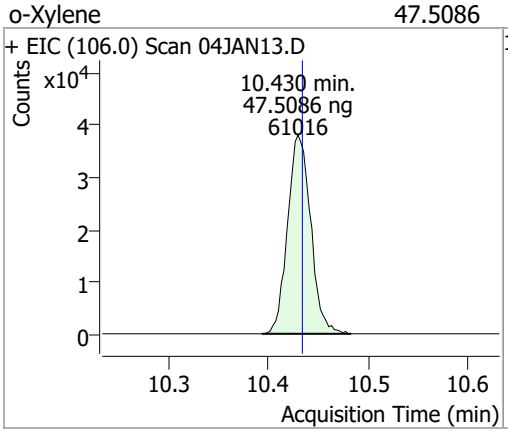
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	92.5347	10.04	0.00	133498	91.0	204.8	171.4	231.4

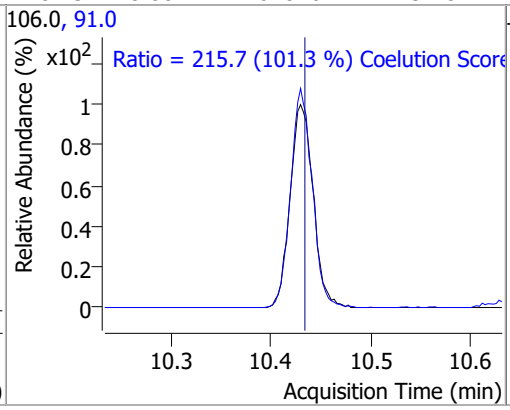


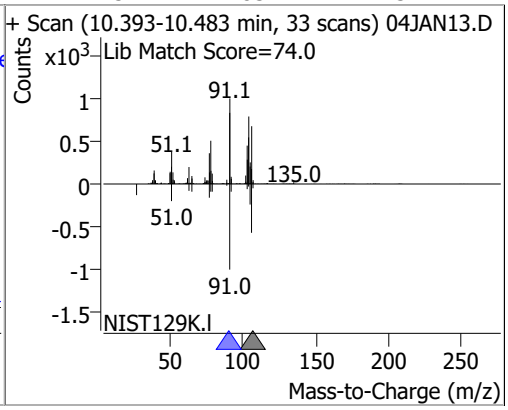




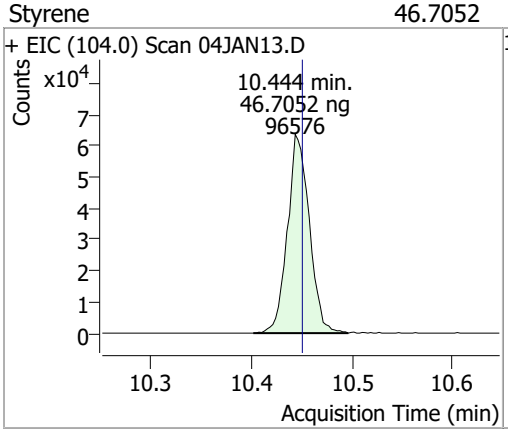
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	47.5086	10.43	0.00	61016	91.0	215.7	183.1	243.1

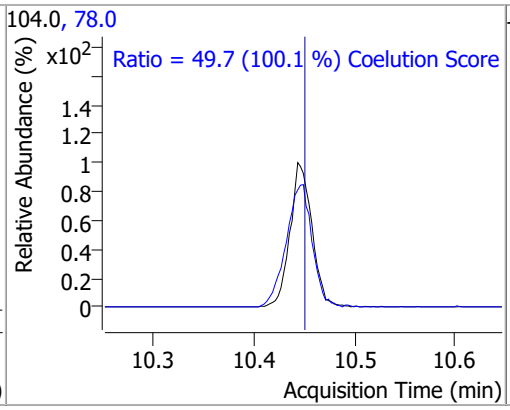


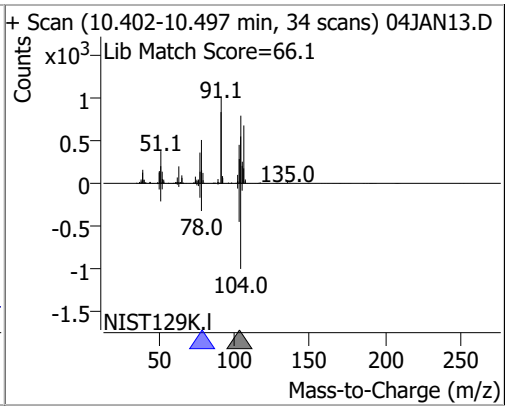




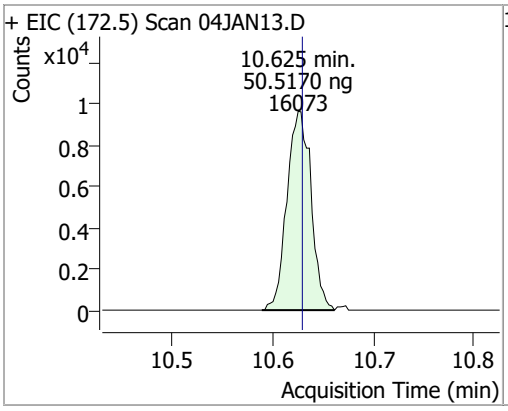
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	46.7052	10.44	0.00	96576	78.0	49.7	19.6	79.6

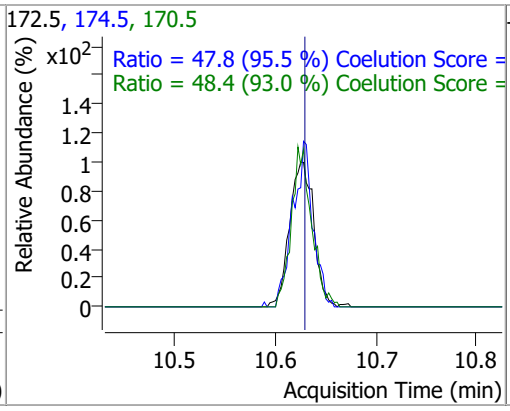


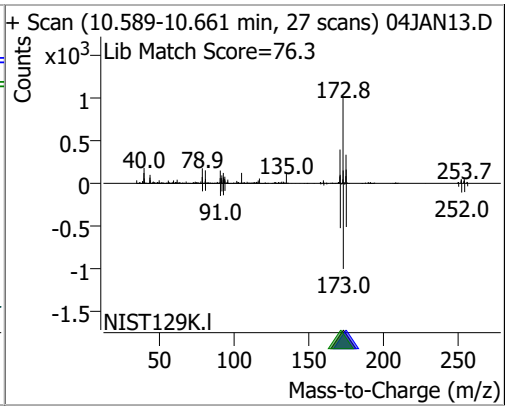




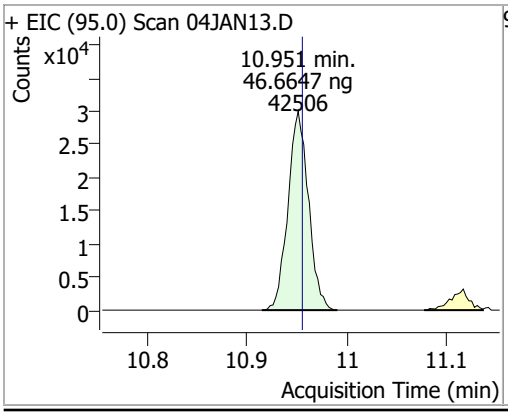
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	50.5170	10.62	0.00	16073	170.5	48.4	22.1	82.1
					174.5	47.8	20.1	80.1

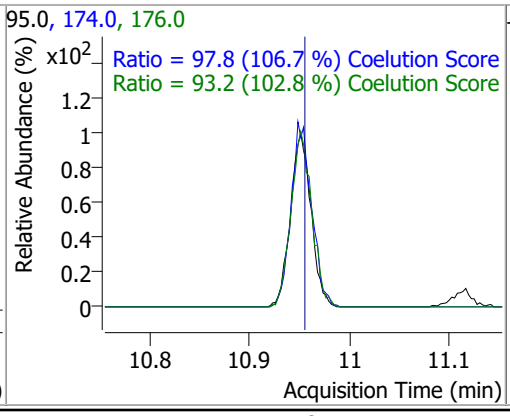


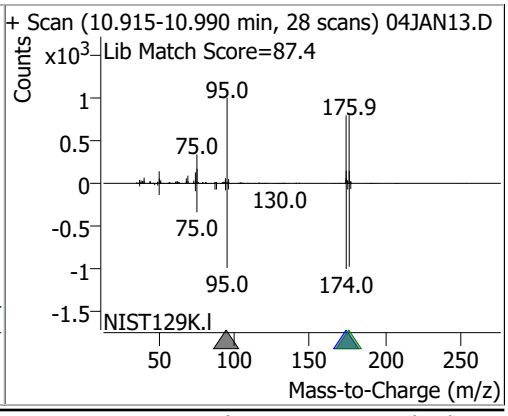




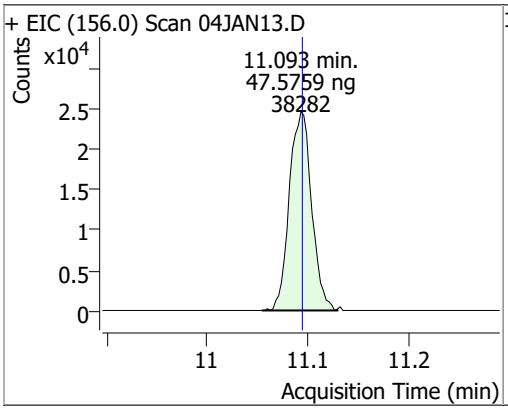
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	46.6647	10.95	0.00	42506	174.0	97.8	61.7	121.7
					176.0	93.2	60.6	120.6

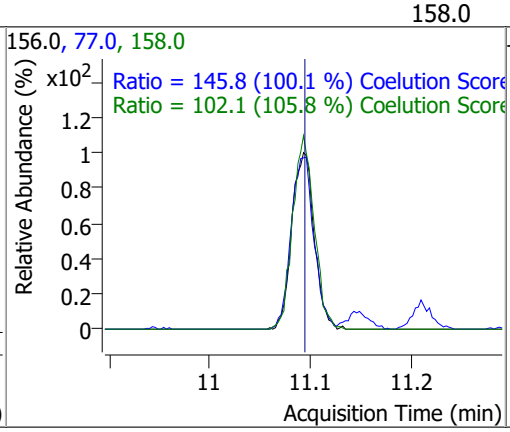


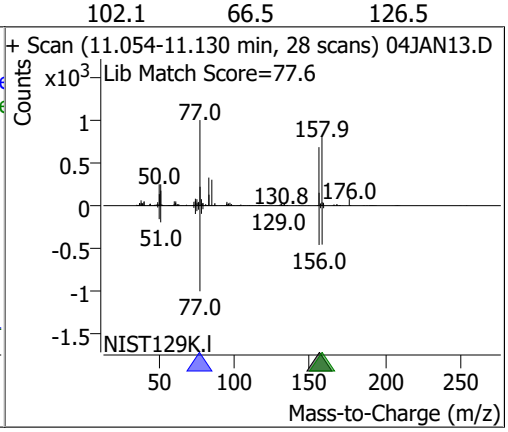




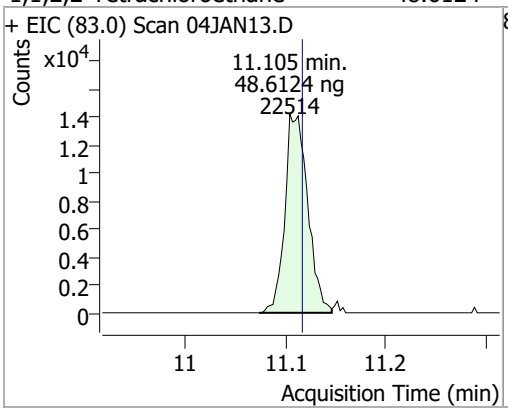
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	47.5759	11.09	0.00	38282	77.0	145.8	115.7	175.7
					158.0	102.1	66.5	126.5

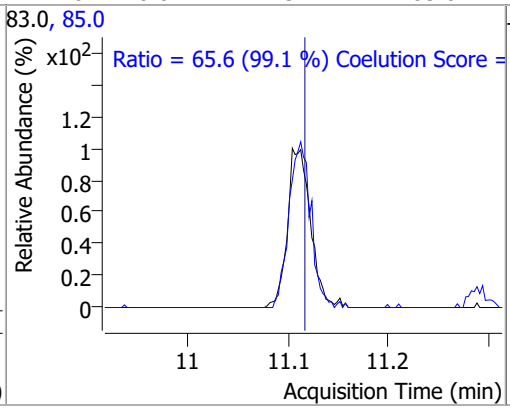


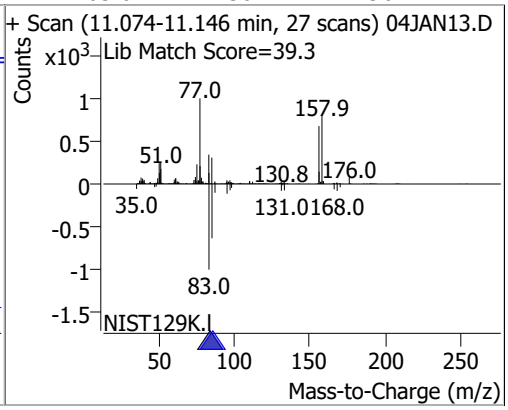




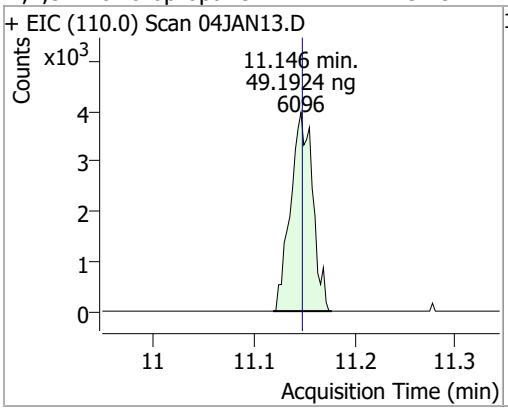
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	48.6124	11.10	-0.01	22514	85.0	65.6	36.2	96.2

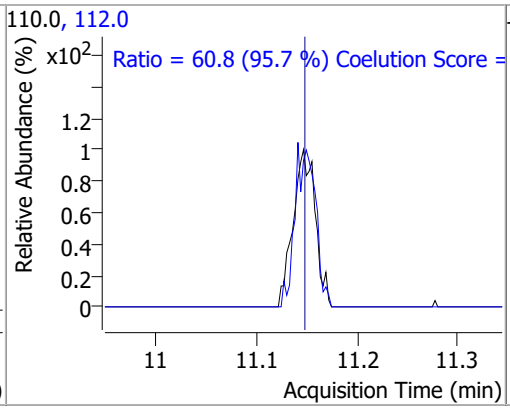


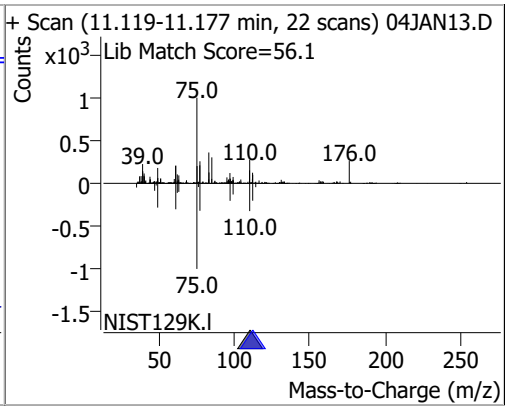




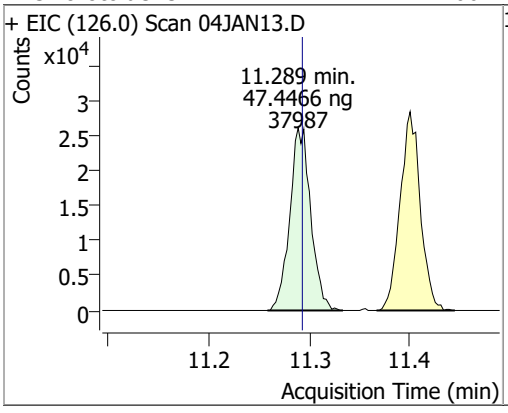
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	49.1924	11.15	0.00	6096	112.0	60.8	33.5	93.5

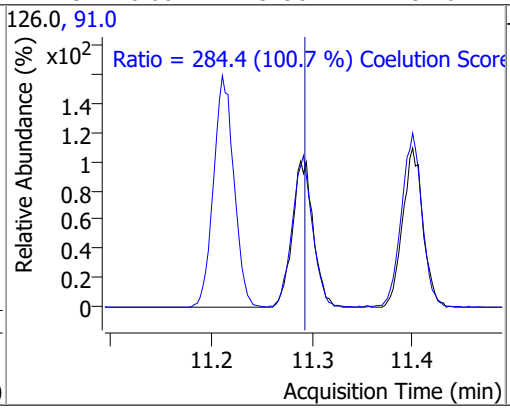


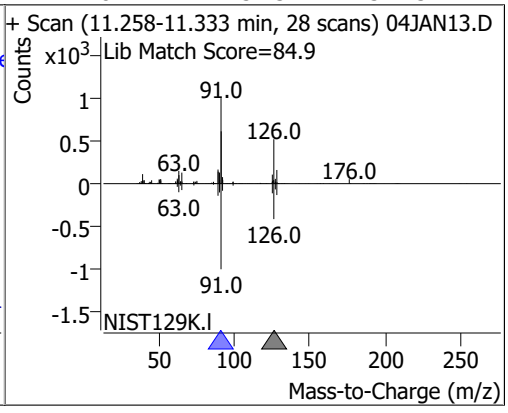




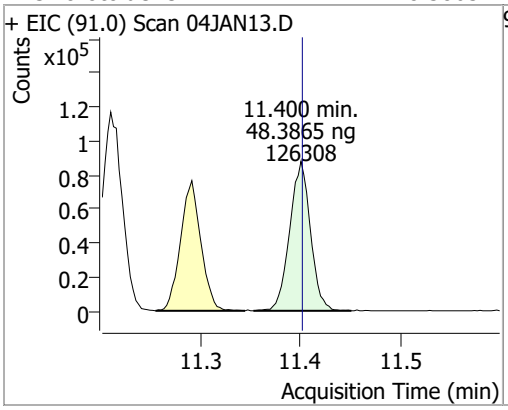
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	47.4466	11.29	0.00	37987	91.0	284.4	252.3	312.3

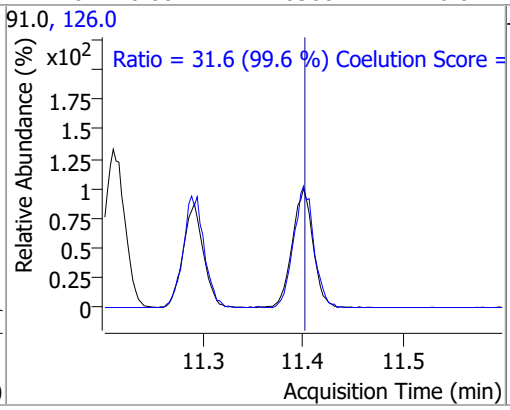


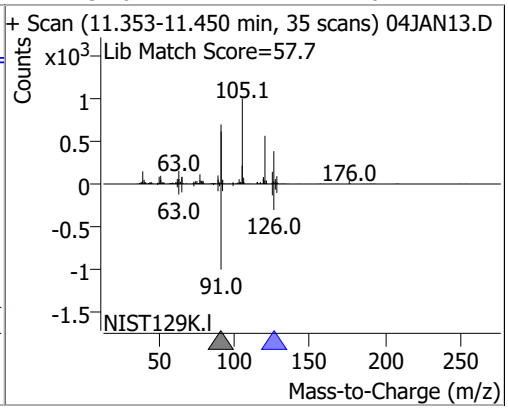




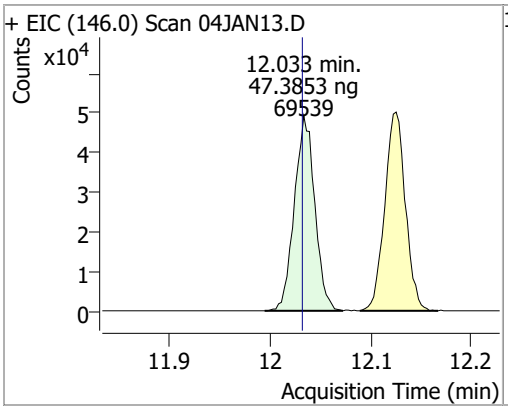
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	48.3865	11.40	0.00	126308	126.0	31.6	1.7	61.7

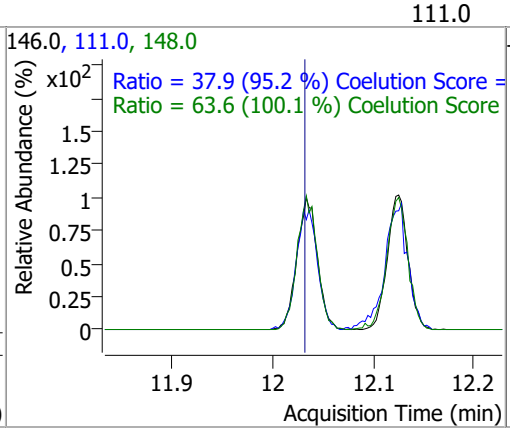


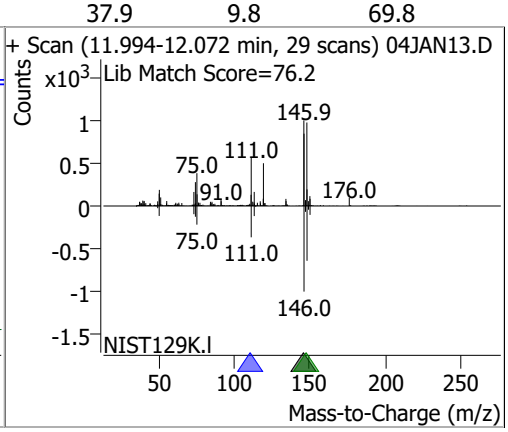




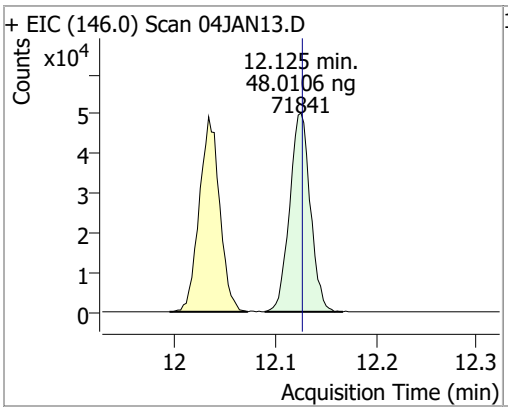
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	47.3853	12.03	0.00	69539	148.0	63.6	33.6	93.6
					111.0	37.9	9.8	69.8

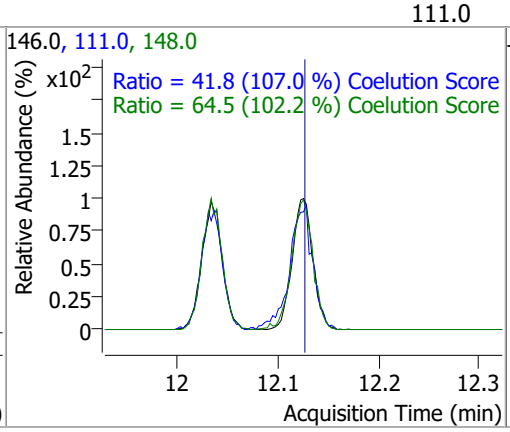


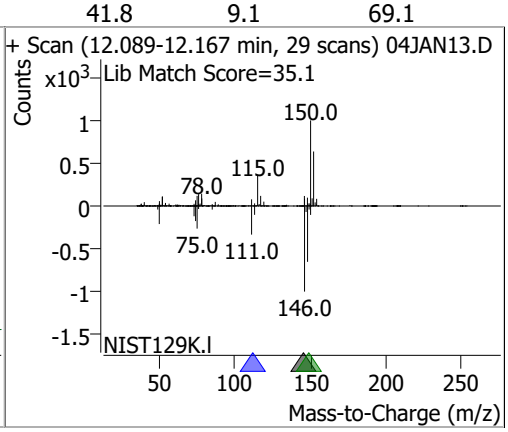




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	48.0106	12.13	0.00	71841	148.0	64.5	33.1	93.1
					111.0	41.8	9.1	69.1

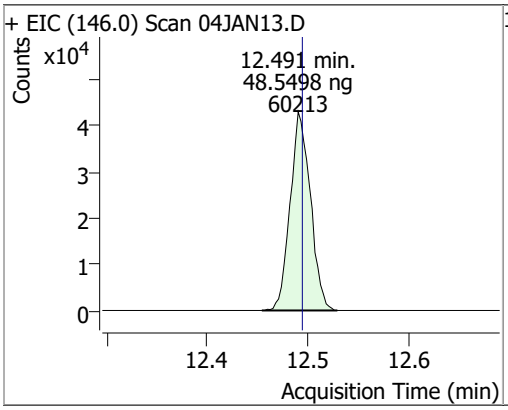


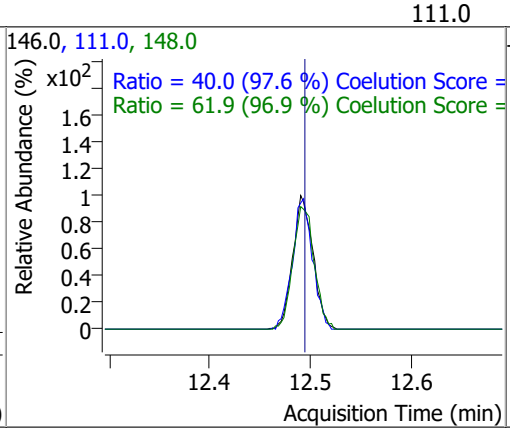


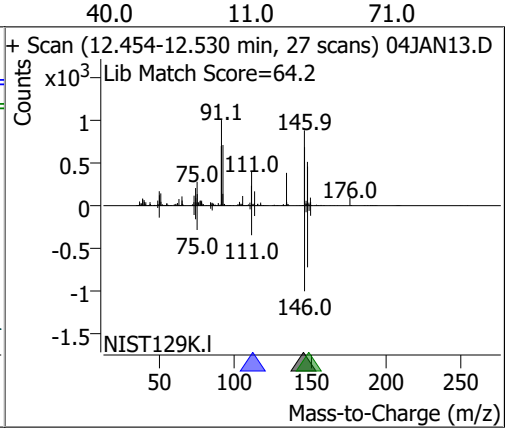


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	48.5498	12.49	0.00	60213	148.0	61.9	33.9	93.9
					111.0	40.0	11.0	71.0



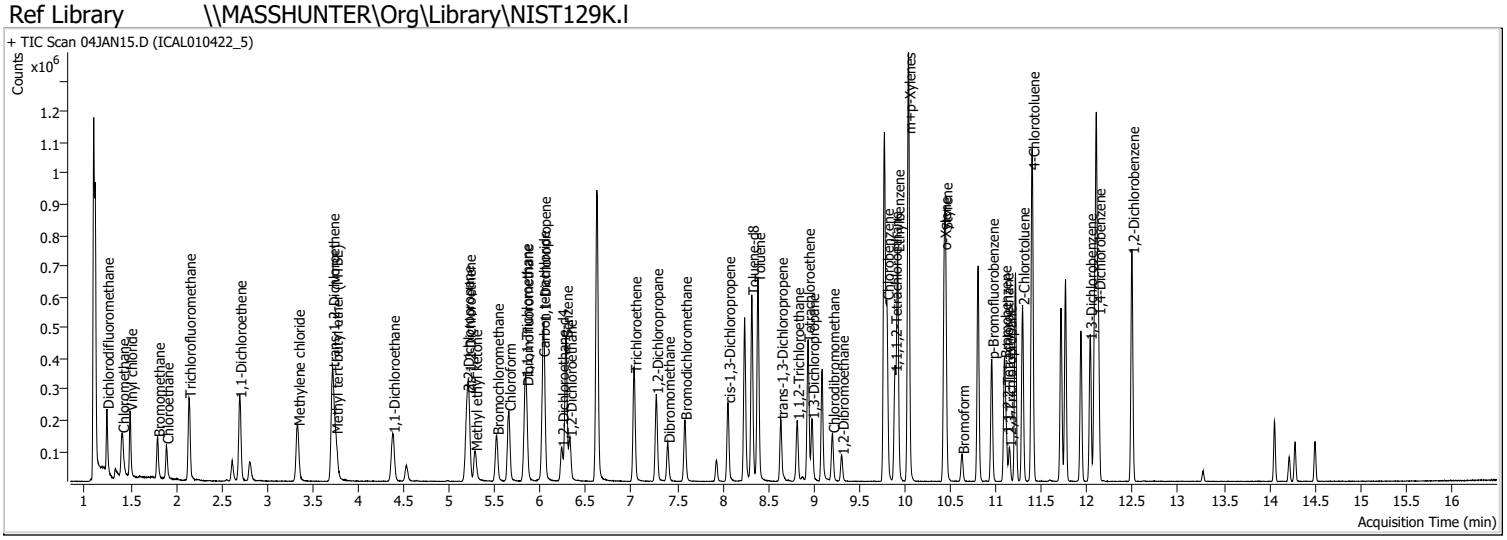




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04JAN15.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 5:50:25 PM
Sample Name	ICAL010422_5	Instrument	VOA5975C
Vial	15	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

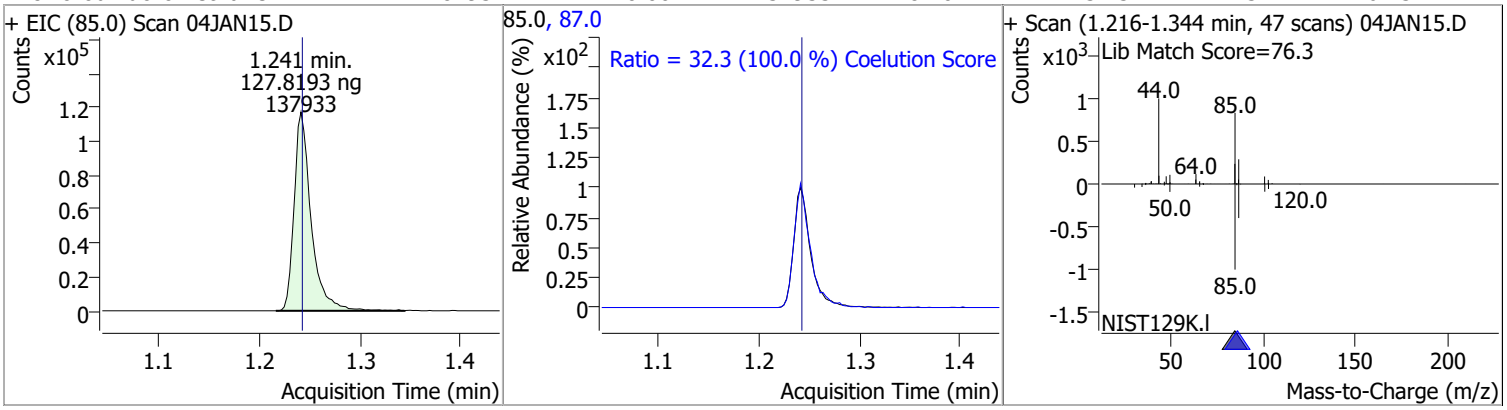


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.623	96.0	823488	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	306491	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	264477	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	89307	115.1146	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 46.05%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	39086	116.6420	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 46.66%		*	
S Toluene-d8	8.319	98.0	358186	121.2749	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 48.51%		*	
S p-Bromofluorobenzene	10.954	95.0	114269	117.9350	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 47.17%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	137933	127.8193	ng		100
T Chloromethane	1.409	50.0	160604	122.6179	ng		100
T Vinyl chloride	1.495	62.0	148358	125.8809	ng		100
T Bromomethane	1.799	96.0	65163	123.6504	ng		100
T Chloroethane	1.894	64.0	71420	122.4086	ng		100
T Trichlorofluoromethane	2.142	101.0	188808	129.0687	ng		100
T 1,1-Dichloroethene	2.697	96.0	99438	119.8798	ng		100
T Methylene chloride	3.336	49.0	135271	110.6249	ng		100
T trans-1,2-Dichloroethene	3.718	96.0	100409	118.6511	ng		100
T Methyl tert-butyl ether (MTBE)	3.754	73.0	139068	127.1375	ng		100
T 1,1-Dichloroethane	4.378	63.0	186052	118.1125	ng		100
T 2,2-Dichloropropane	5.196	77.0	139656	118.3203	ng		100
T cis-1,2-Dichloroethene	5.215	96.0	100057	116.6190	ng		100
T Methyl ethyl ketone	5.282	43.0	134730	1159.3019	ng		100
T Bromochloromethane	5.519	128.0	41966	118.0683	ng		100
T Chloroform	5.653	83.0	179640	114.5912	ng		100

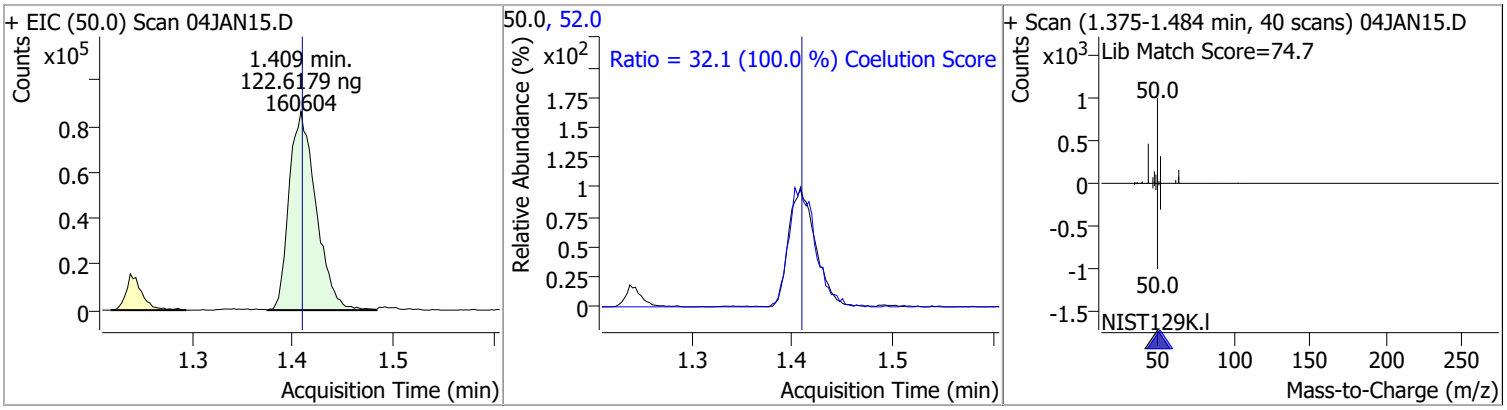
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	174206	118.5764	ng	100
T Carbon tetrachloride	6.024	117.0	172928	119.4667	ng	100
T 1,1-Dichloropropene	6.038	75.0	149649	119.8002	ng	100
T Benzene	6.278	78.0	383469	116.9553	ng	100
T 1,2-Dichloroethane	6.322	62.0	104855	118.2143	ng	100
T Trichloroethene	7.030	95.0	114123	123.4646	ng	100
T 1,2-Dichloropropane	7.270	63.0	99187	121.9890	ng	100
T Dibromomethane	7.399	93.0	40628	118.2425	ng	100
T Bromodichloromethane	7.585	83.0	115664	121.9749	ng	100
T cis-1,3-Dichloropropene	8.059	75.0	129419	120.7116	ng	100
T Toluene	8.389	92.0	244712	122.6571	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	92719	121.4929	ng	100
T 1,1,2-Trichloroethane	8.818	83.0	46673	117.4130	ng	100
T Tetrachloroethene	8.935	163.8	97590	119.9003	ng	100
T 1,3-Dichloropropane	8.980	76.0	96183	123.0132	ng	100
T Chlorodibromomethane	9.206	129.0	75015	120.7454	ng	100
T 1,2-Dibromoethane	9.306	107.0	51827	119.2394	ng	100
T Chlorobenzene	9.802	112.0	263617	120.6903	ng	100
T 1,1,1,2-Tetrachloroethane	9.889	131.0	90898	119.0492	ng	100
T Ethylbenzene	9.920	91.0	464148	122.5243	ng	100
T m+p-Xylenes	10.039	106.0	368418	250.2587	ng	100
T o-Xylene	10.430	106.0	161509	123.2378	ng	100
T Styrene	10.447	104.0	268375	127.1910	ng	100
T Bromoform	10.628	172.5	39165	115.7218	ng	100
T Bromobenzene	11.094	156.0	102265	119.4801	ng	100
T 1,1,2,2-Tetrachloroethane	11.116	83.0	56958	115.6179	ng	100
T 1,2,3-Trichloropropane	11.147	110.0	14846	112.6261	ng	100
T 2-Chlorotoluene	11.292	126.0	102424	120.2675	ng	100
T 4-Chlorotoluene	11.400	91.0	336146	121.0591	ng	100
T 1,3-Dichlorobenzene	12.031	146.0	183404	117.4899	ng	100
T 1,4-Dichlorobenzene	12.125	146.0	189045	118.7699	ng	100
T 1,2-Dichlorobenzene	12.493	146.0	152284	115.4323	ng	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

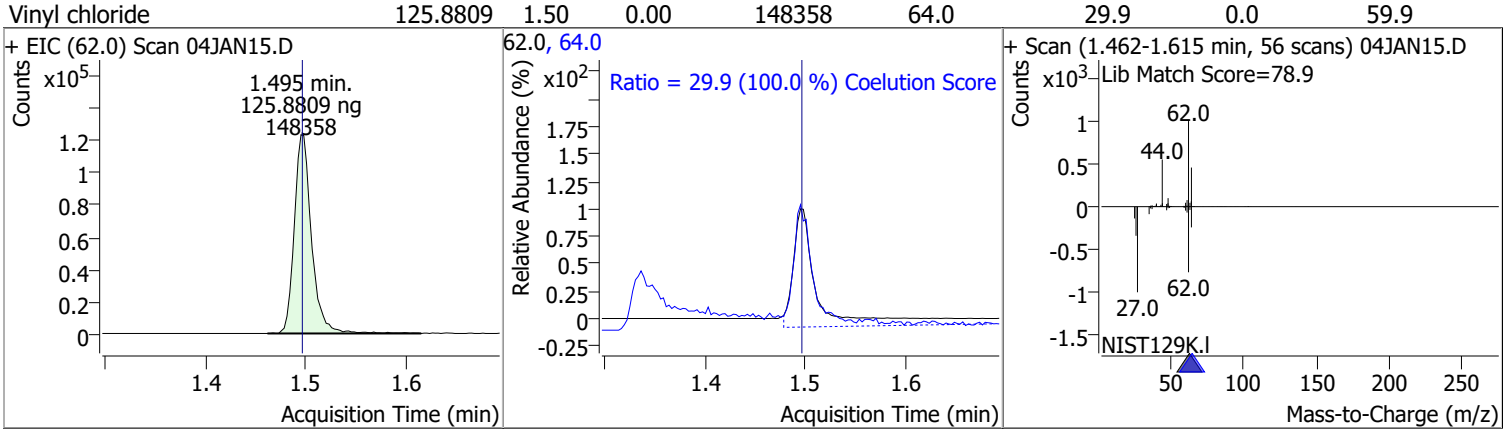
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	127.8193	1.24	0.00	137933	87.0	32.3	2.3	62.3



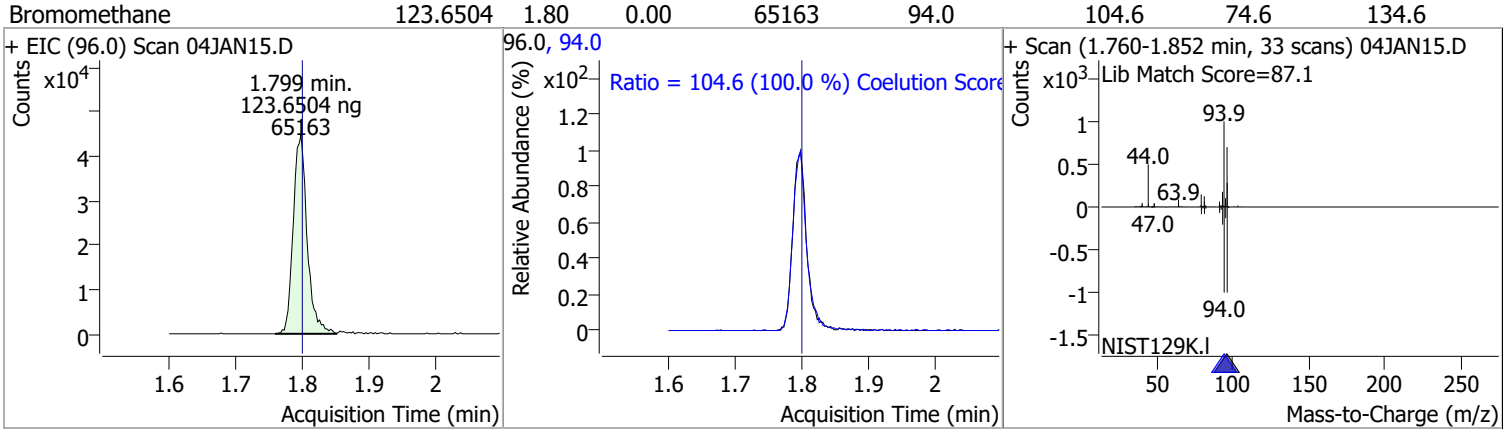
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	122.6179	1.41	0.00	160604	52.0	32.1	2.1	62.1



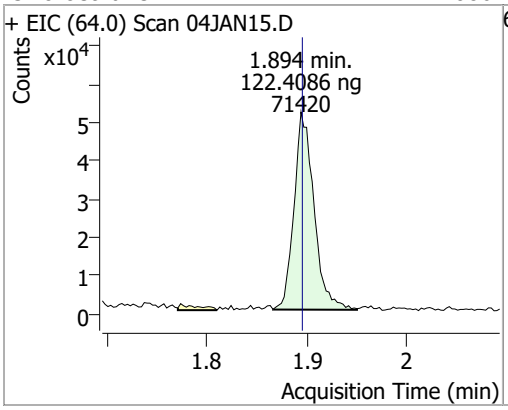
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	125.8809	1.50	0.00	148358	64.0	29.9	0.0	59.9

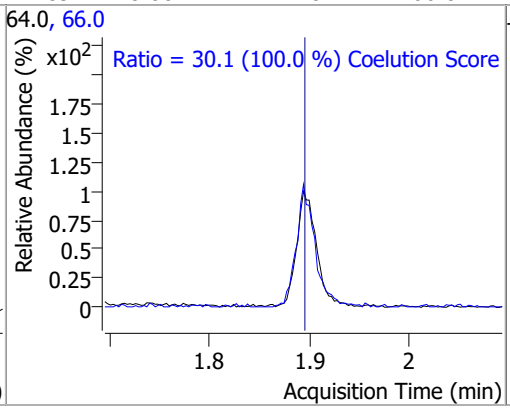


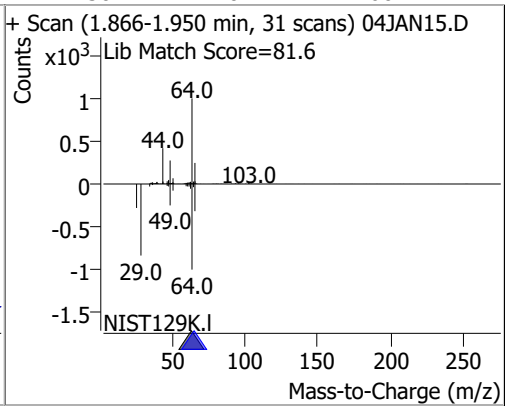
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	123.6504	1.80	0.00	65163	94.0	104.6	74.6	134.6



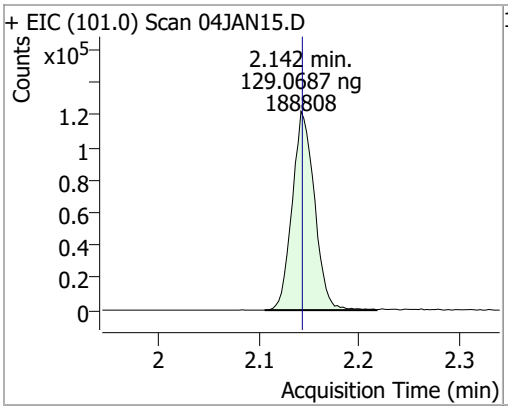
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	122.4086	1.89	0.00	71420	66.0	30.1	0.1	60.1

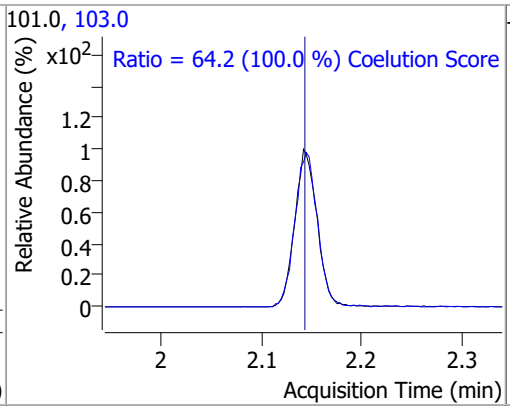


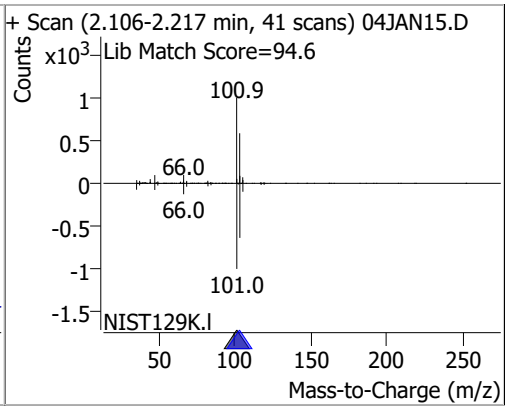




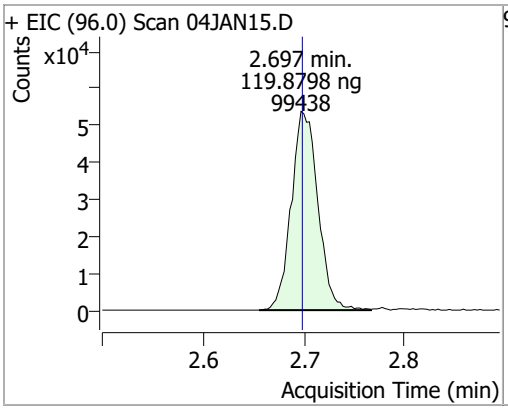
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	129.0687	2.14	0.00	188808	103.0	64.2	34.2	94.2

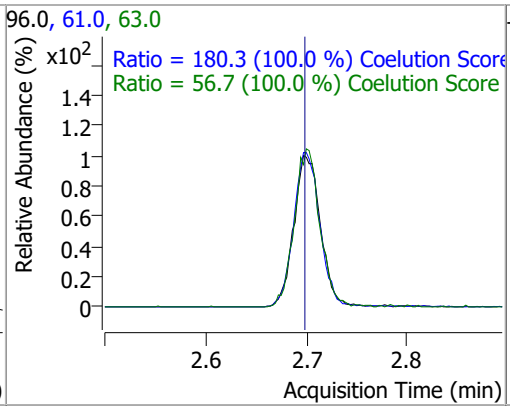


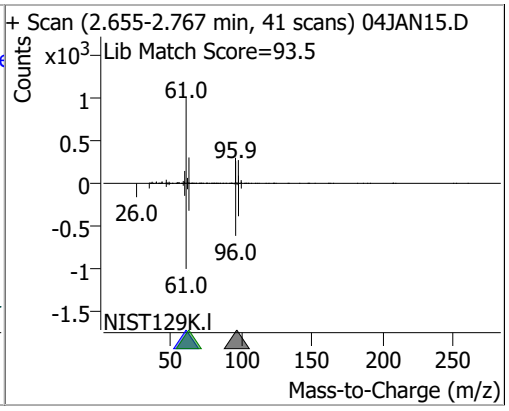




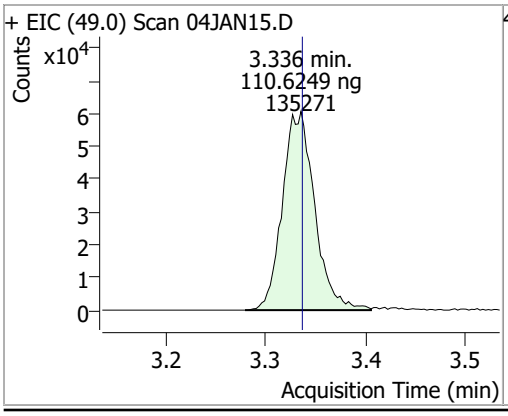
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	119.8798	2.70	0.00	99438	61.0	180.3	150.3	210.3
					63.0	56.7	26.7	86.7

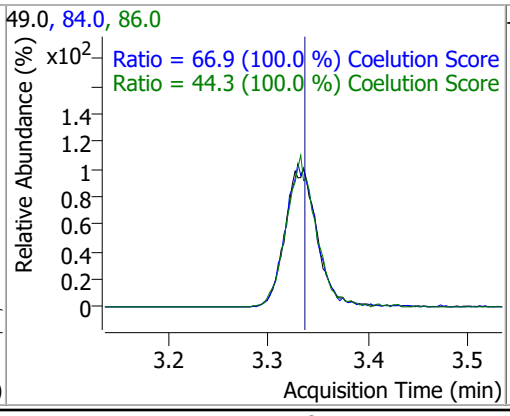


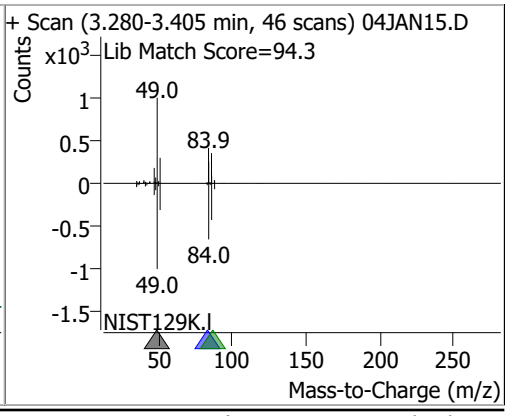




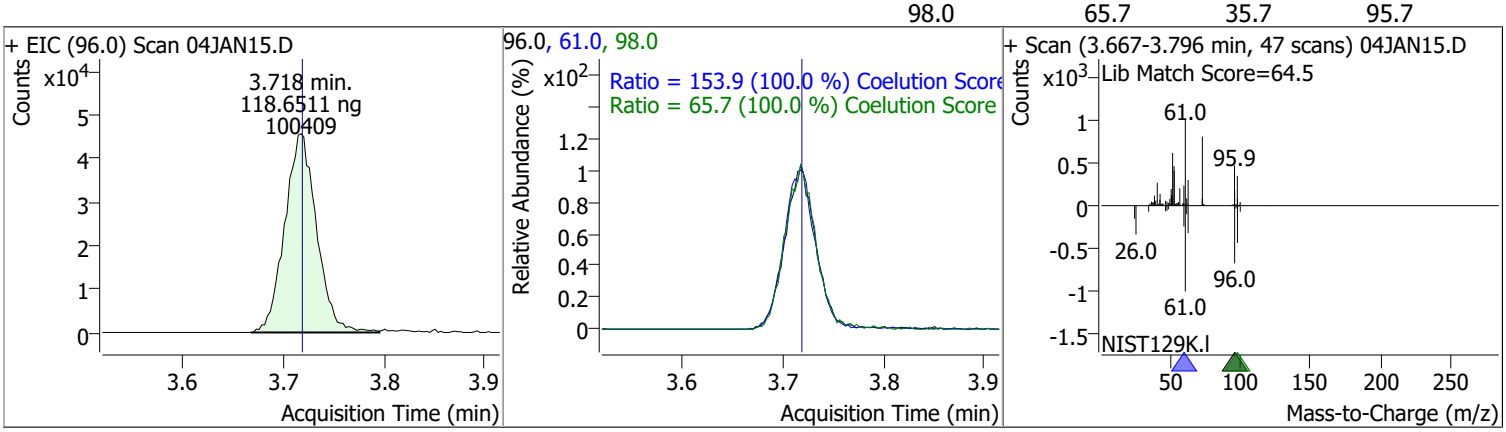
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	110.6249	3.34	0.00	135271	84.0	66.9	36.9	96.9
					86.0	44.3	14.3	74.3



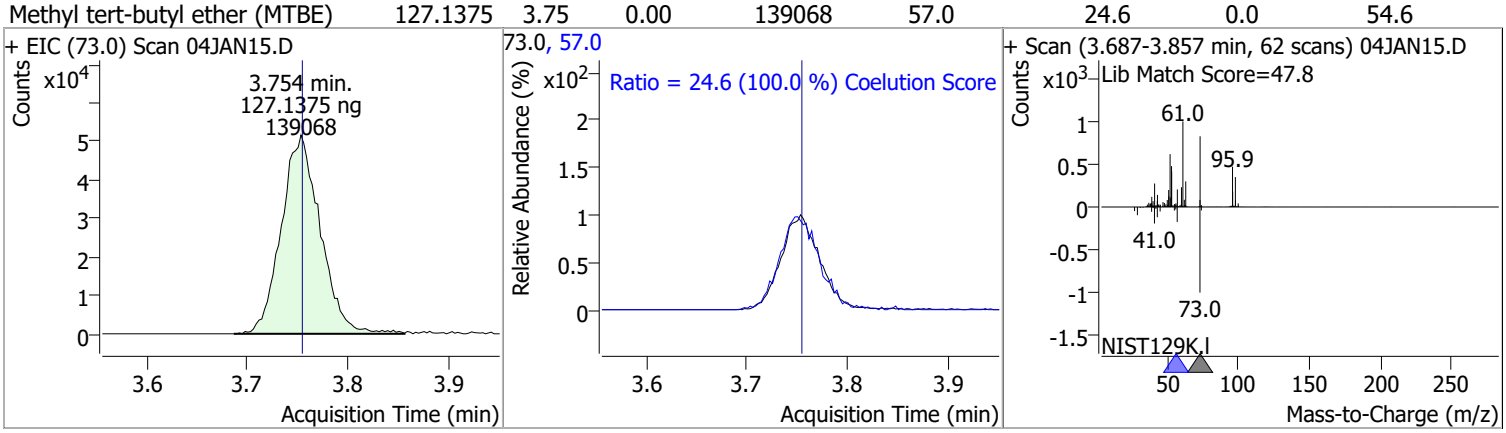




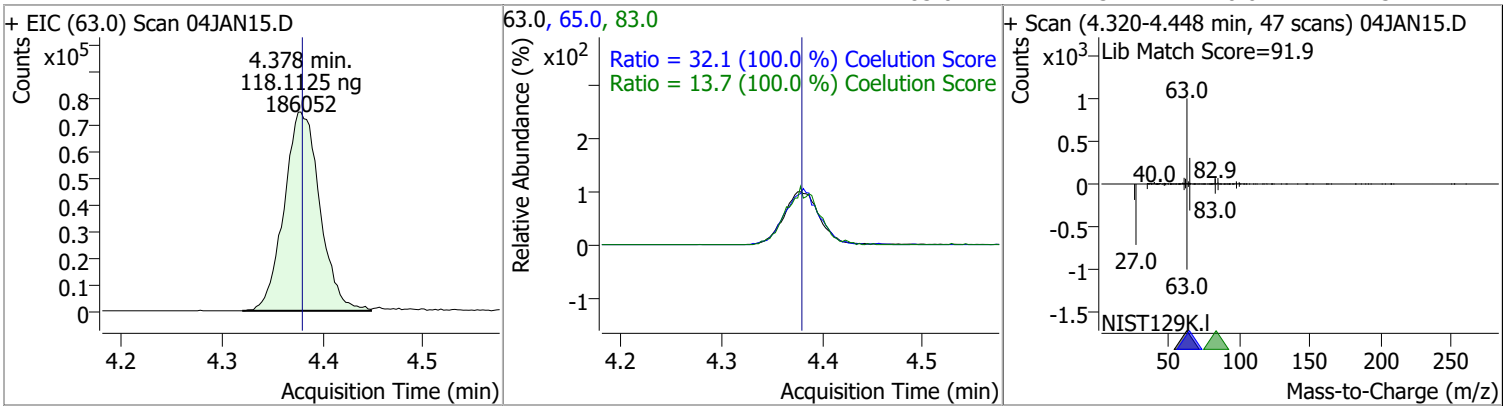
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	118.6511	3.72	0.00	100409	61.0	153.9	123.9	183.9
					98.0	65.7	35.7	95.7



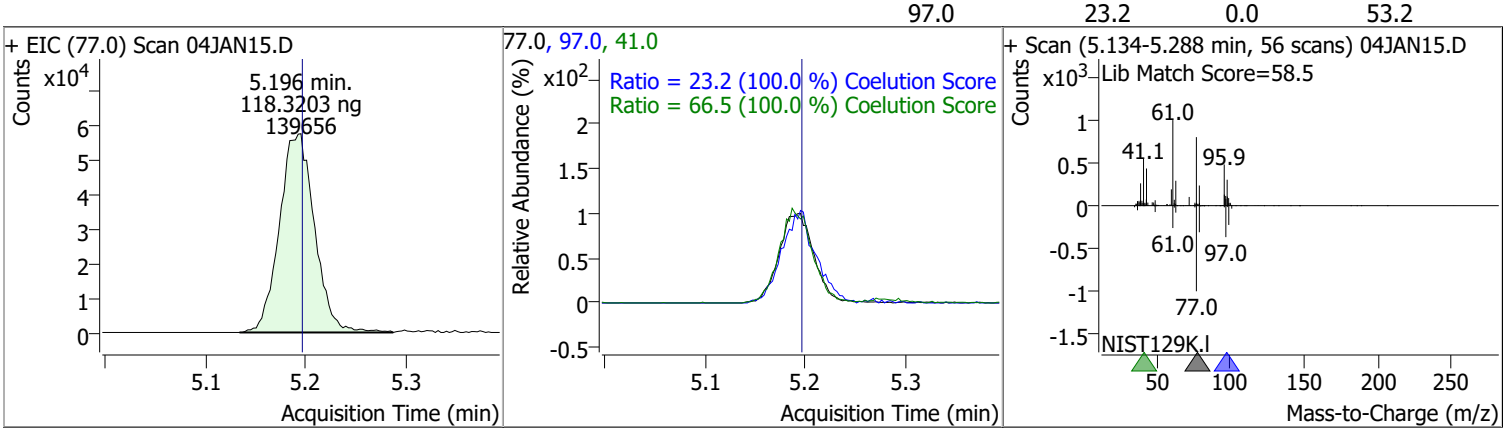
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	127.1375	3.75	0.00	139068	57.0	24.6	0.0	54.6



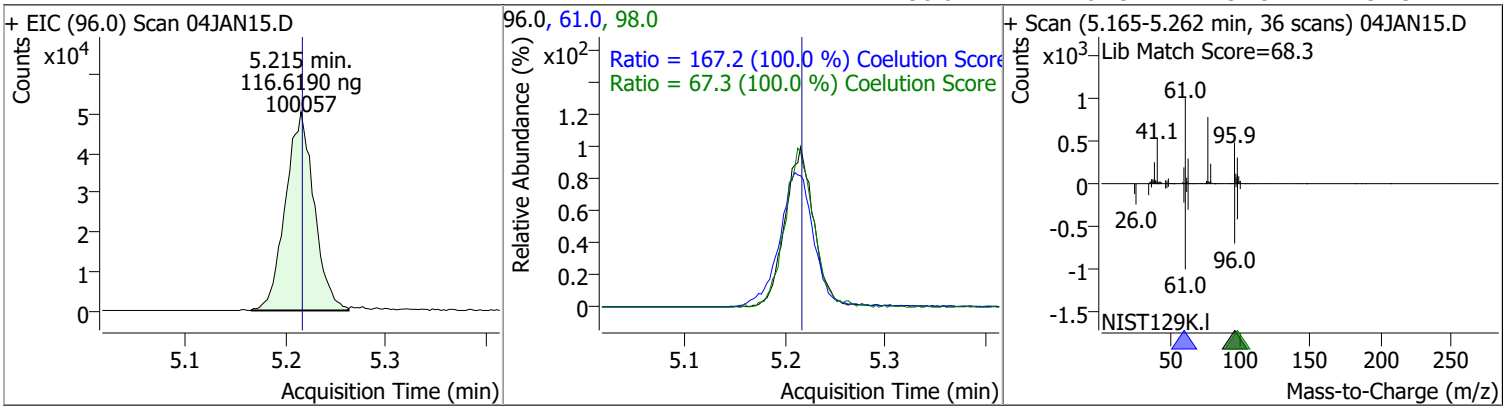
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	118.1125	4.38	0.00	186052	65.0	32.1	2.1	62.1
					83.0	13.7	0.0	43.7



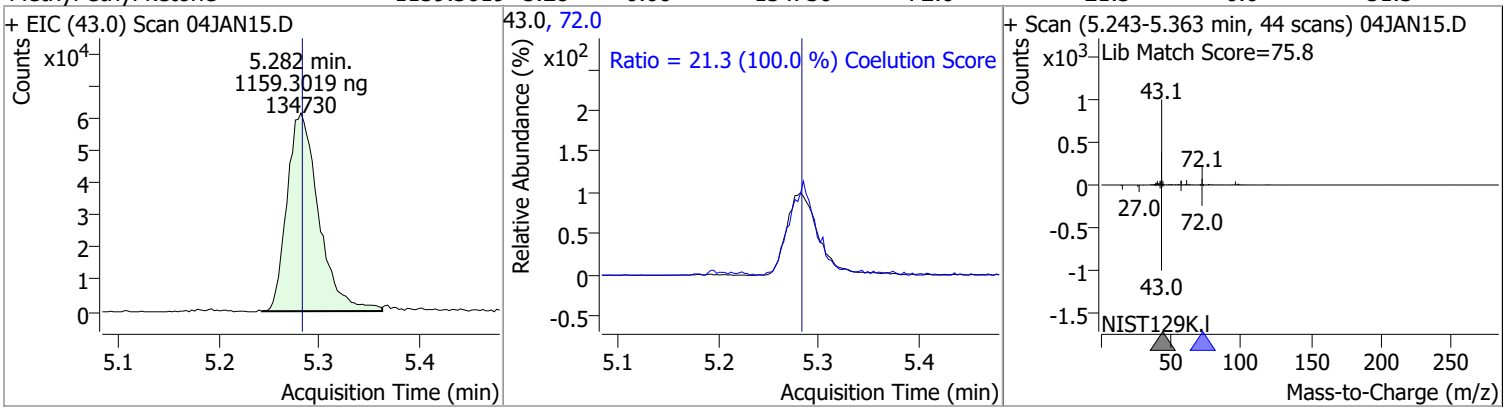
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	118.3203	5.20	0.00	139656	41.0	66.5	36.5	96.5
					97.0	23.2	0.0	53.2



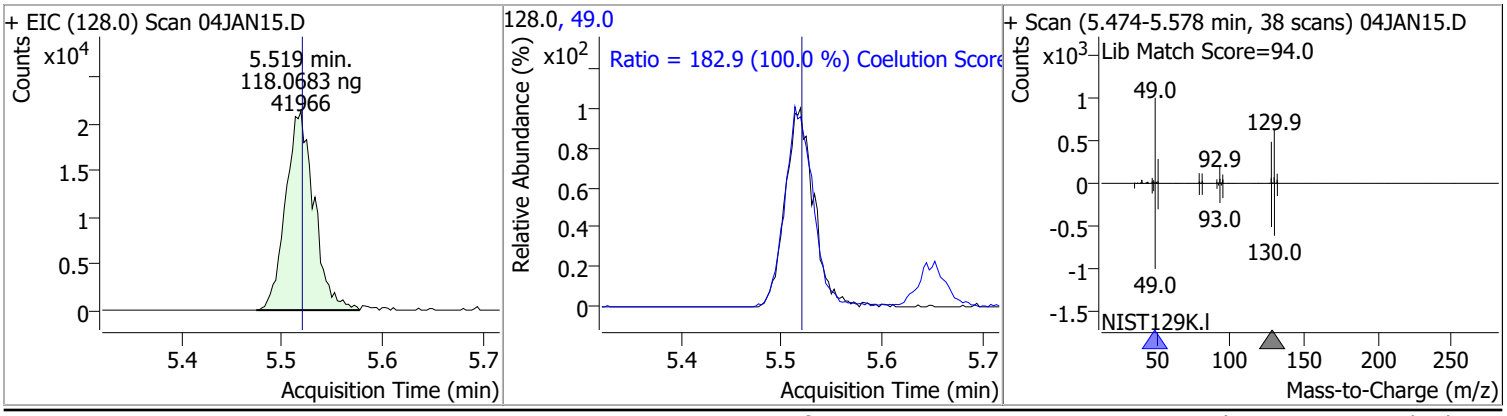
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	116.6190	5.22	0.00	100057	61.0	167.2	137.2	197.2
					98.0	67.3	37.3	97.3



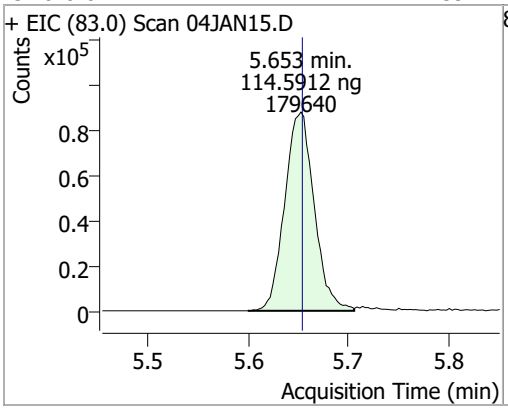
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1159.3019	5.28	0.00	134730	72.0	21.3	0.0	51.3

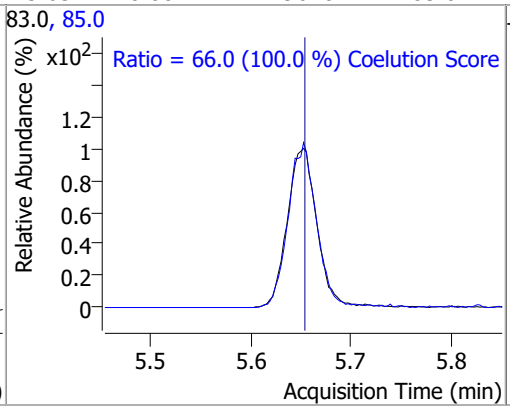


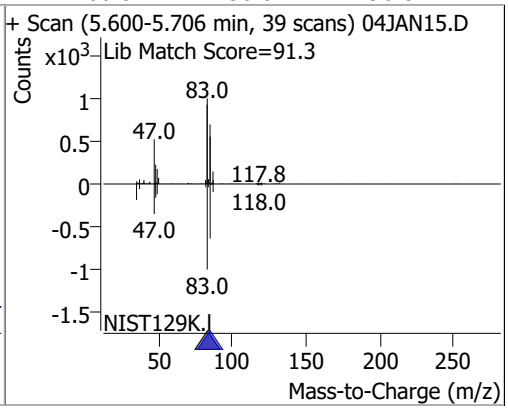
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	118.0683	5.52	0.00	41966	49.0	182.9	152.9	212.9



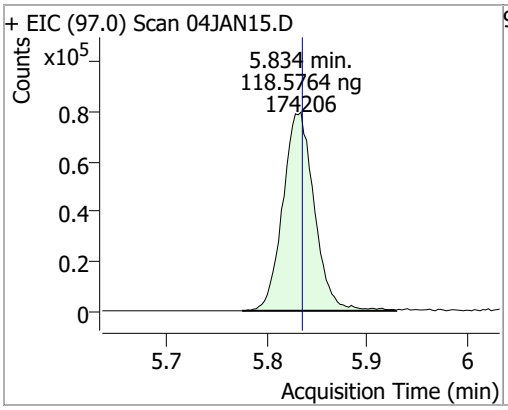
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	114.5912	5.65	0.00	179640	85.0	66.0	36.0	96.0

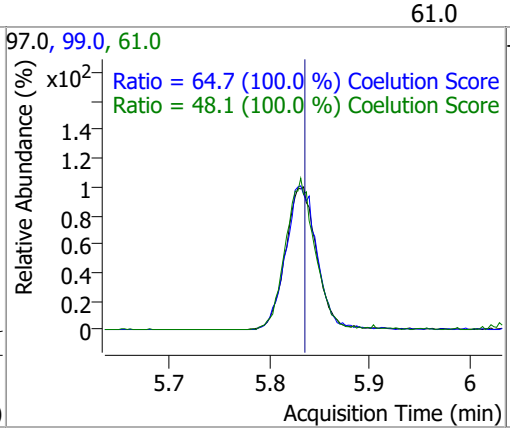


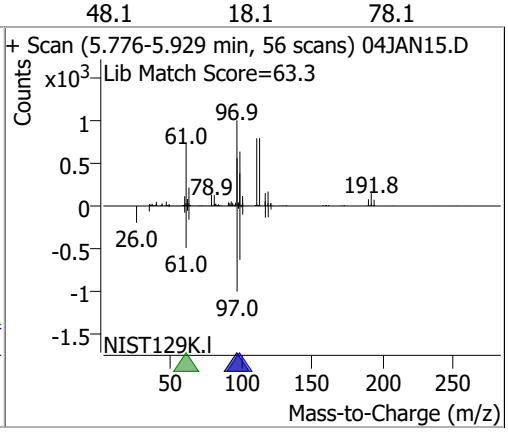




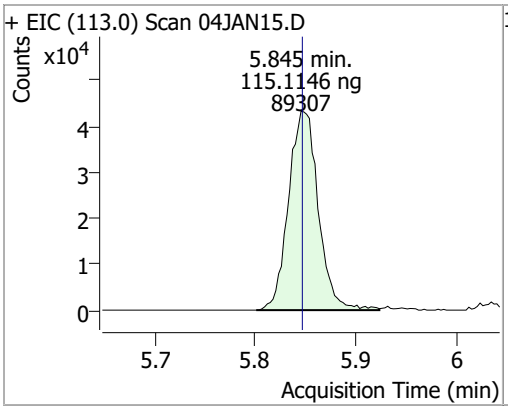
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	118.5764	5.83	0.00	174206	99.0	64.7	34.7	94.7
					61.0	48.1	18.1	78.1

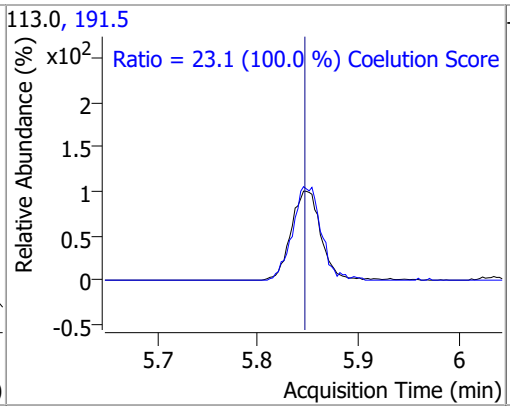


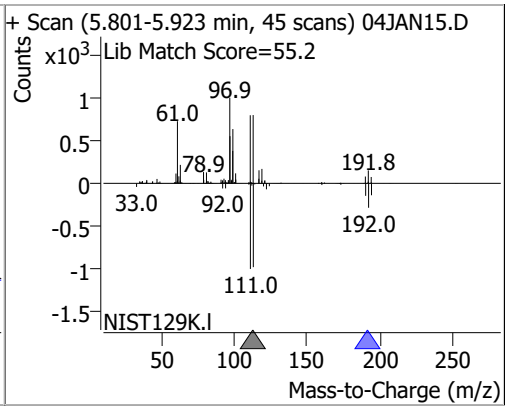




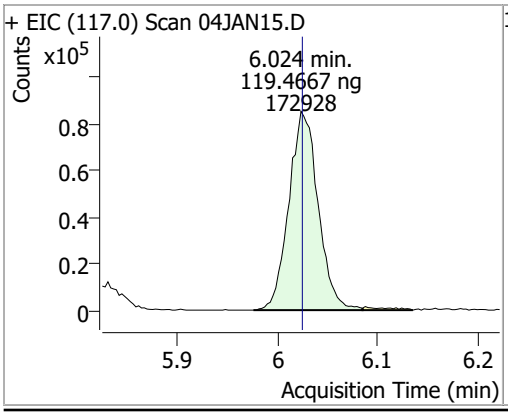
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	115.1146	5.85	0.00	89307	191.5	23.1	0.0	53.1

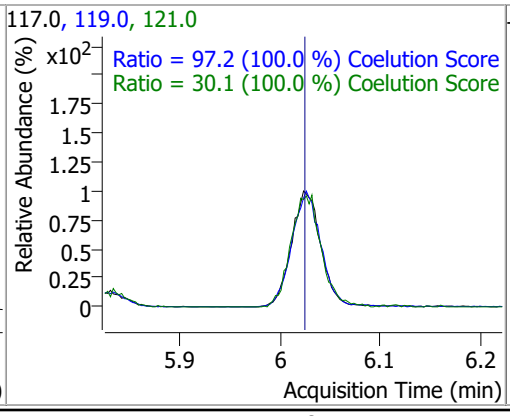


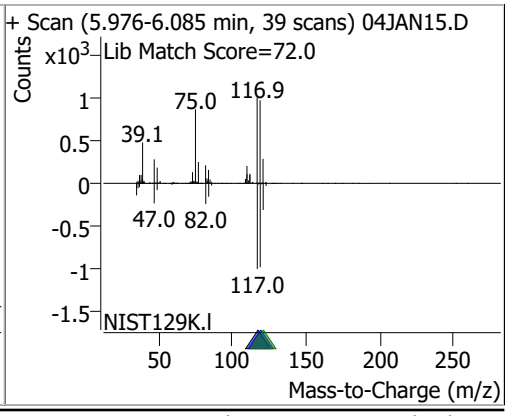




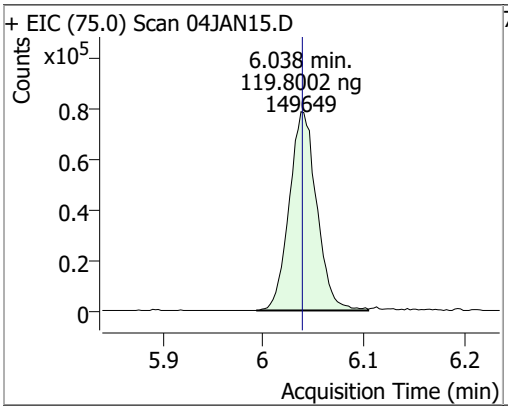
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	119.4667	6.02	0.00	172928	119.0	97.2	67.2	127.2
					121.0	30.1	0.1	60.1

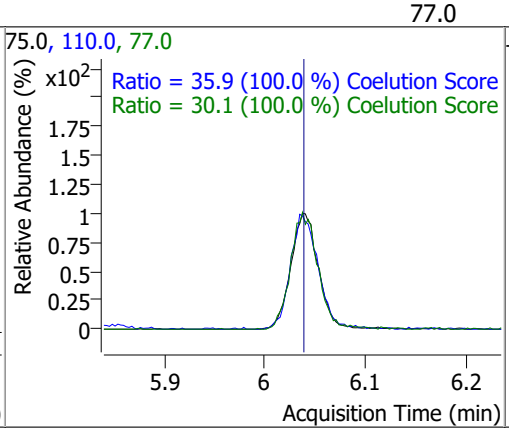


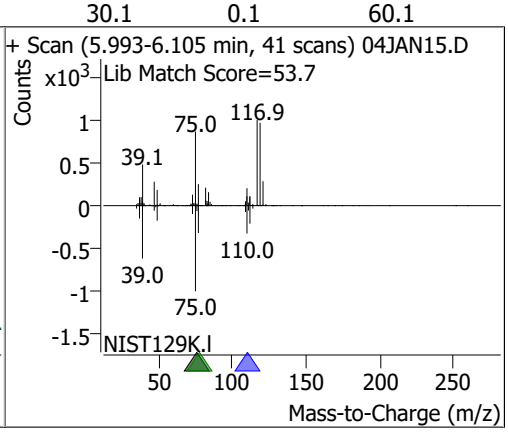




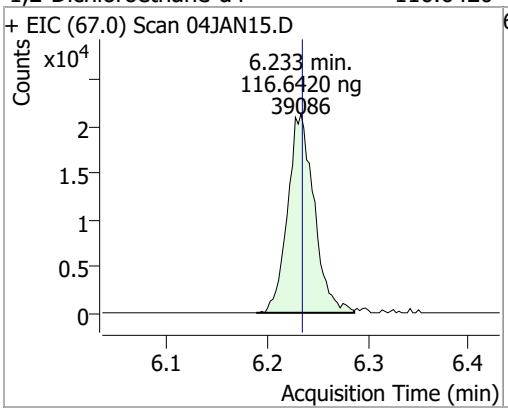
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	119.8002	6.04	0.00	149649	110.0	35.9	5.9	65.9
					77.0	30.1	0.1	60.1

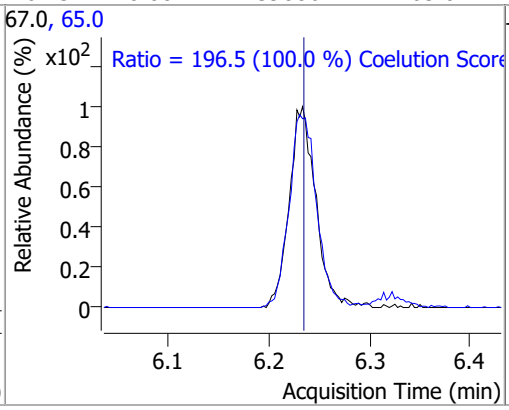


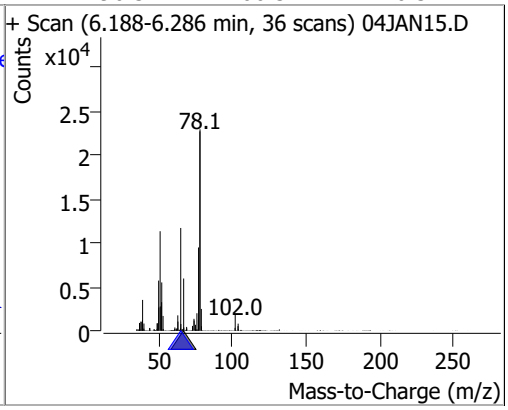




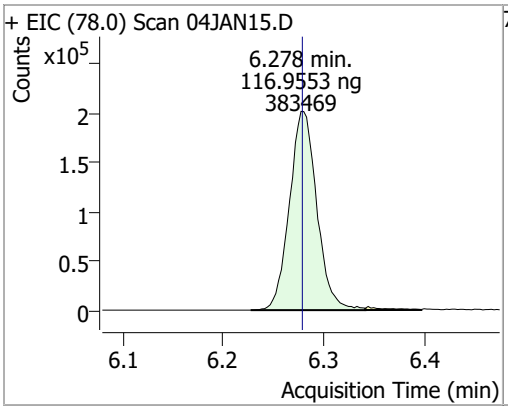
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	116.6420	6.23	0.00	39086	65.0	196.5	166.5	226.5

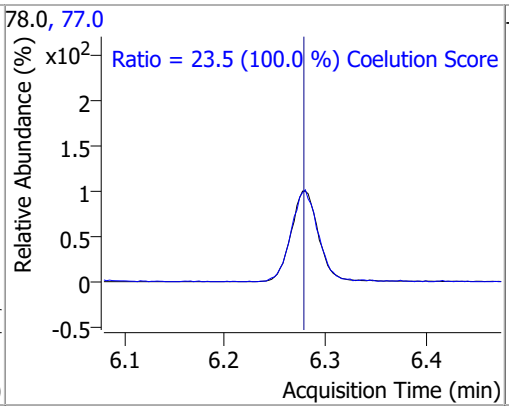


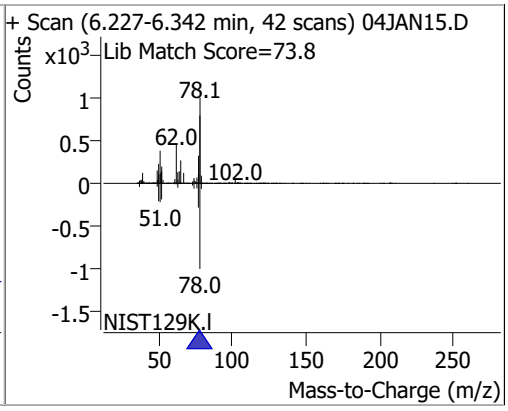




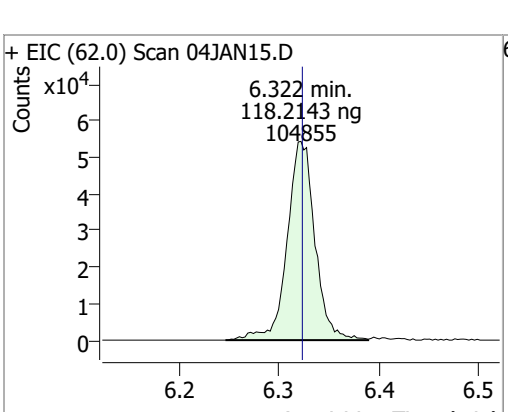
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	116.9553	6.28	0.00	383469	77.0	23.5	0.0	53.5

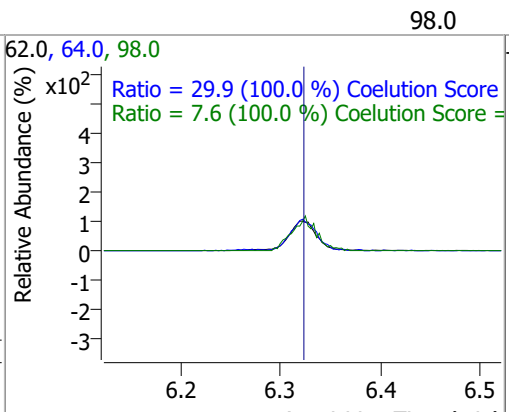


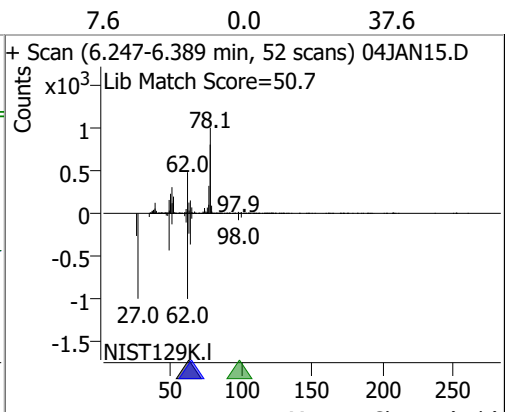




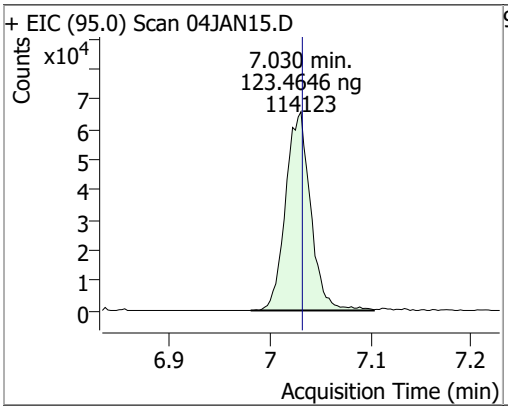
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	118.2143	6.32	0.00	104855	64.0	29.9	0.0	59.9
					98.0	7.6	0.0	37.6

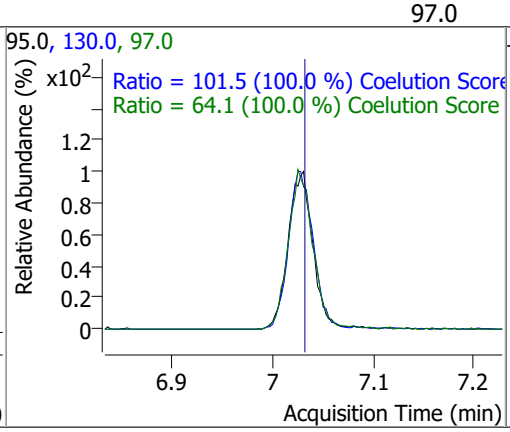


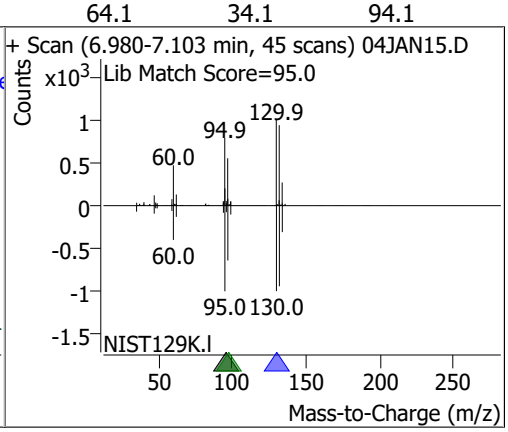




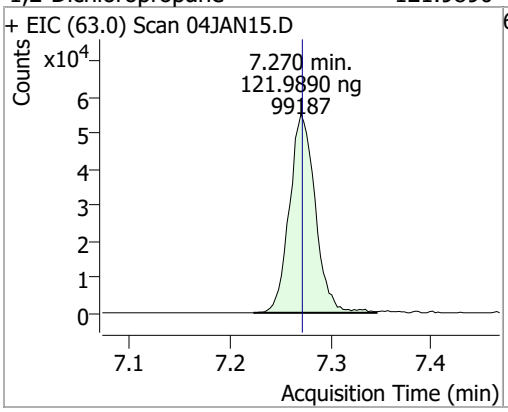
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	123.4646	7.03	0.00	114123	130.0	101.5	71.5	131.5
					97.0	64.1	34.1	94.1

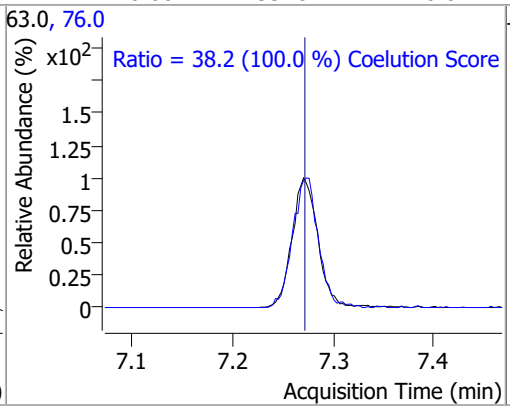


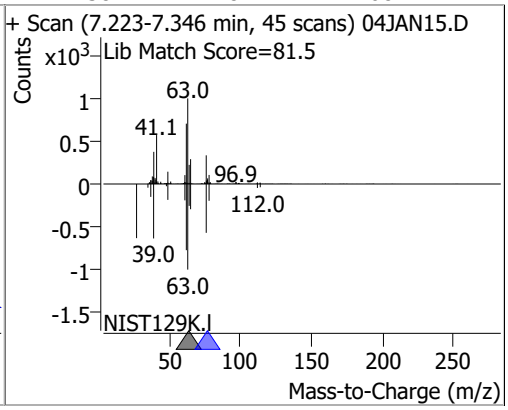




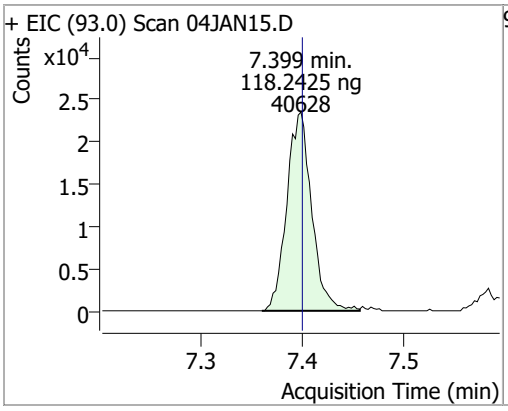
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	121.9890	7.27	0.00	99187	76.0	38.2	8.2	68.2

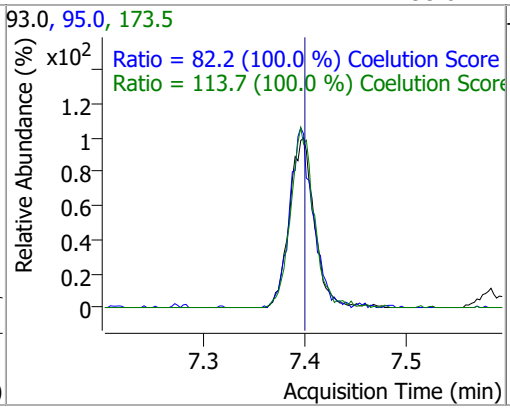


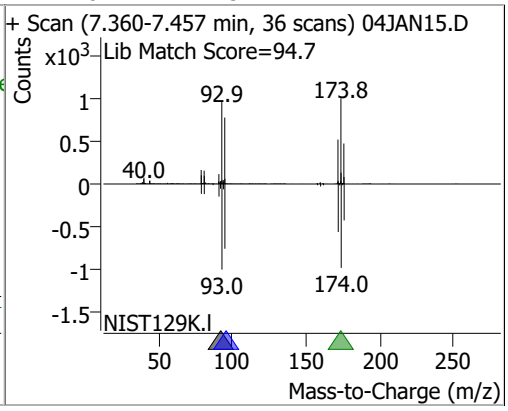




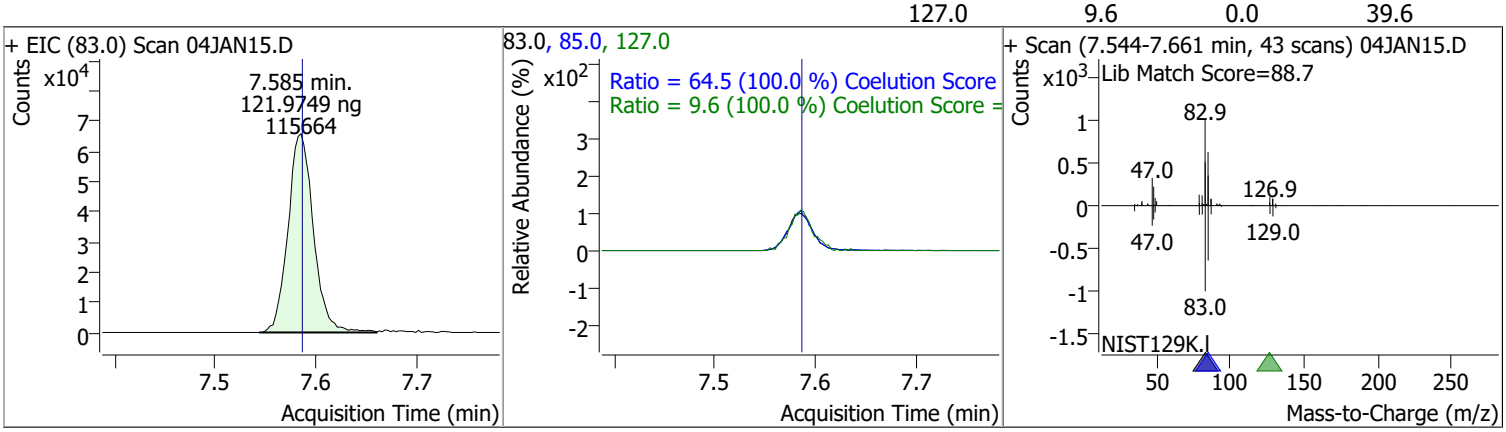
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	118.2425	7.40	0.00	40628	173.5	113.7	83.7	143.7
					95.0	82.2	52.2	112.2



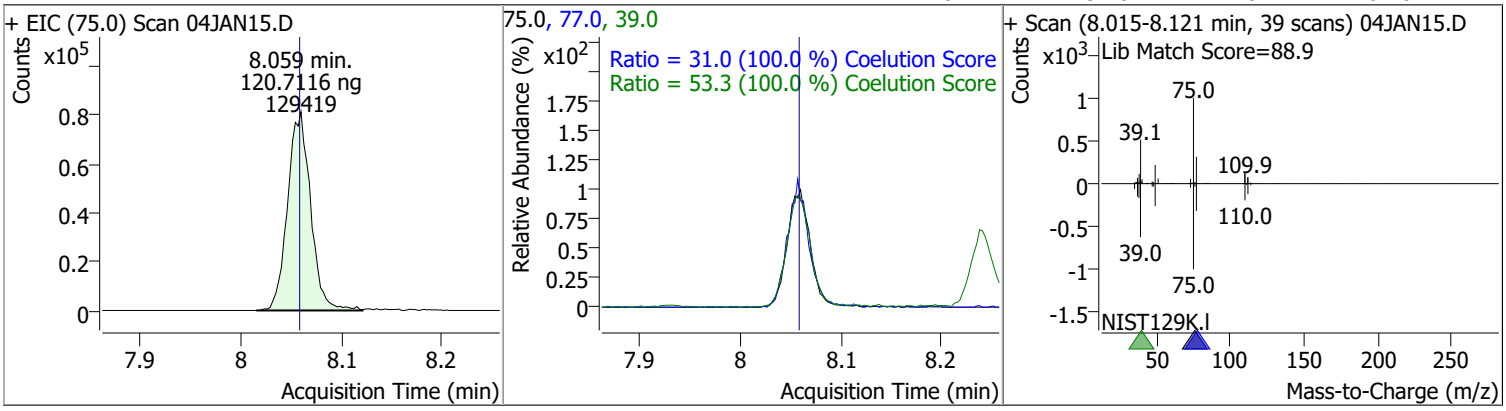




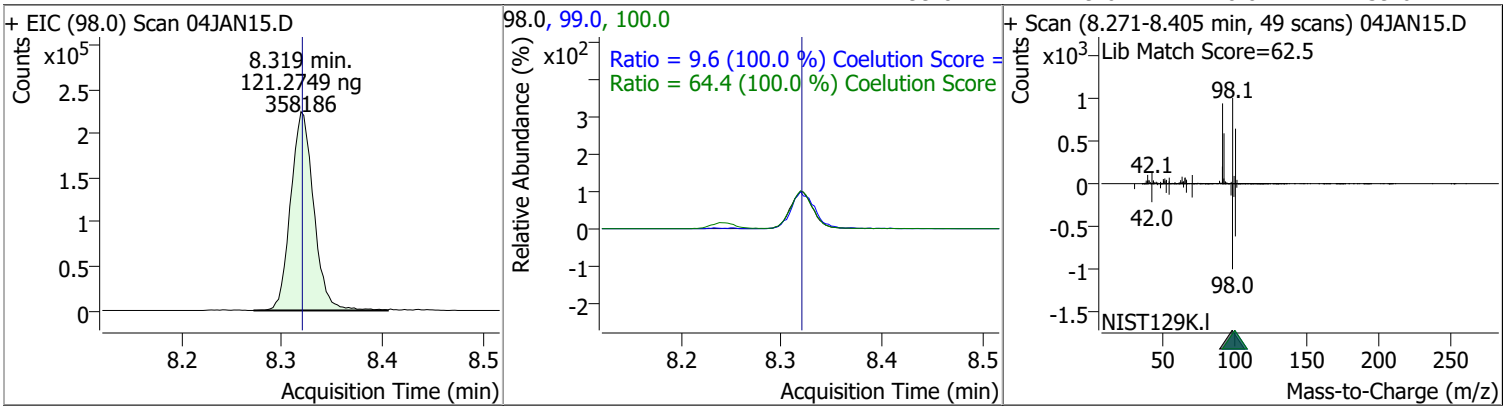
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	121.9749	7.59	0.00	115664	85.0	64.5	34.5	94.5
					127.0	9.6	0.0	39.6



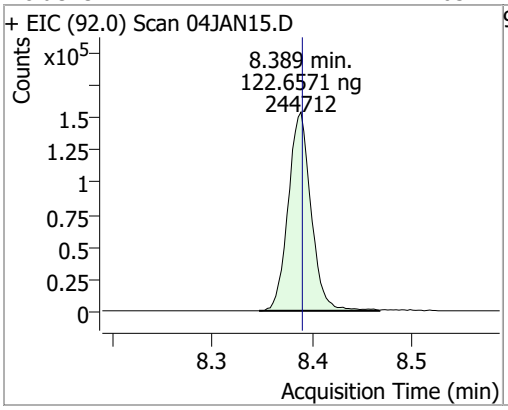
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	120.7116	8.06	0.00	129419	39.0	53.3	23.3	83.3
					77.0	31.0	1.0	61.0

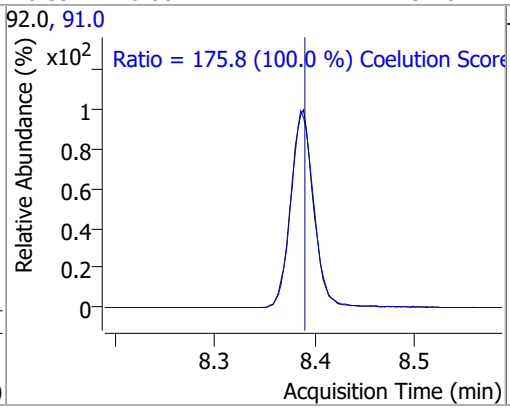


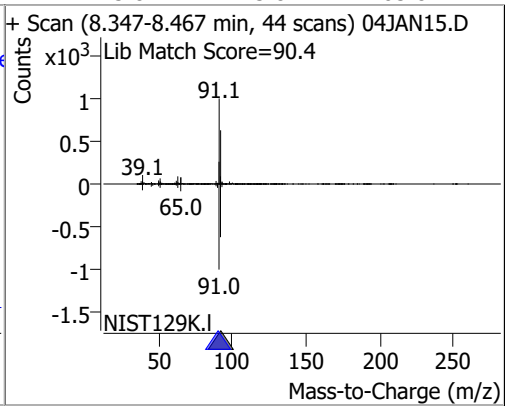
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	121.2749	8.32	0.00	358186	100.0	64.4	34.4	94.4
					99.0	9.6	0.0	39.6



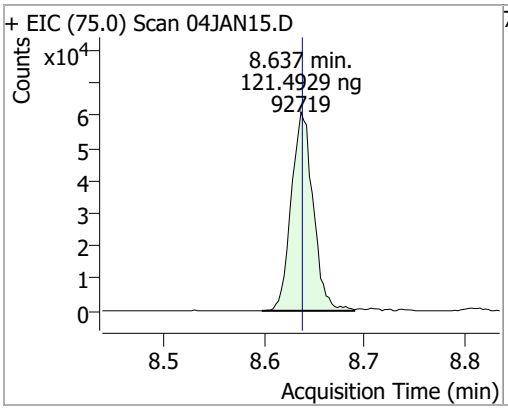
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	122.6571	8.39	0.00	244712	91.0	175.8	145.8	205.8

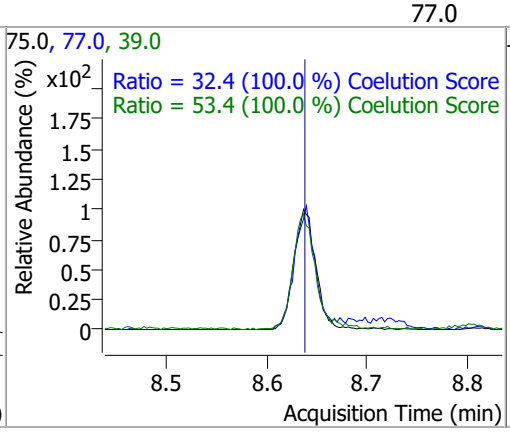


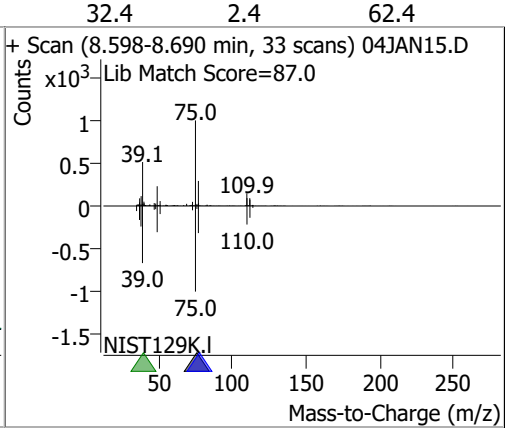




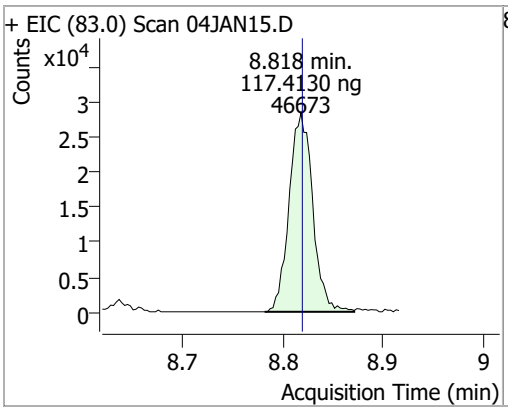
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	121.4929	8.64	0.00	92719	39.0	53.4	23.4	83.4
					77.0	32.4	2.4	62.4

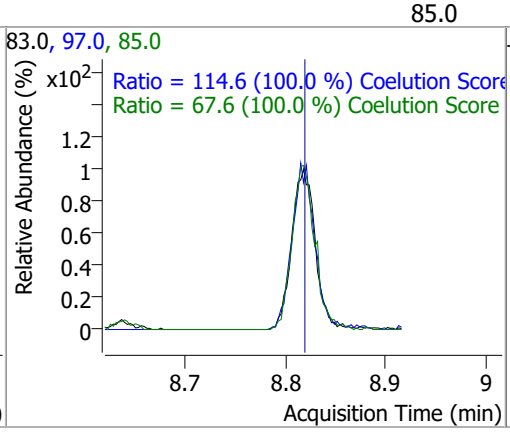


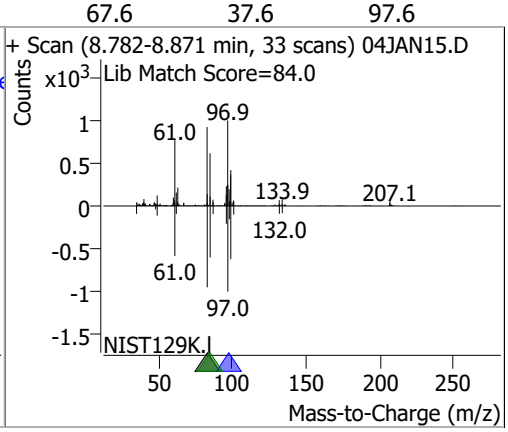




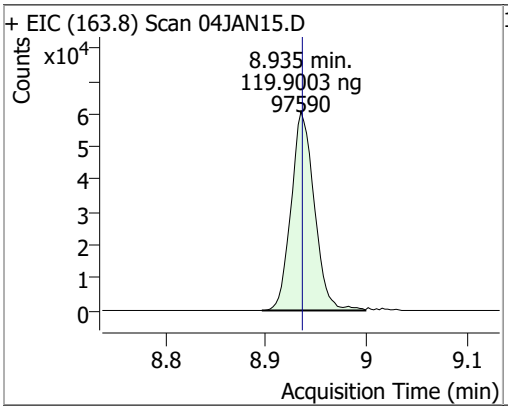
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	117.4130	8.82	0.00	46673	97.0	114.6	84.6	144.6
					85.0	67.6	37.6	97.6

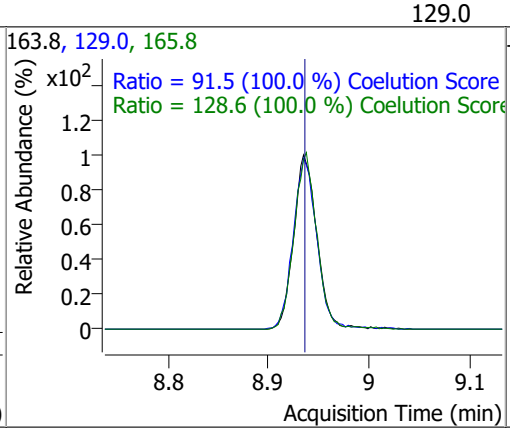


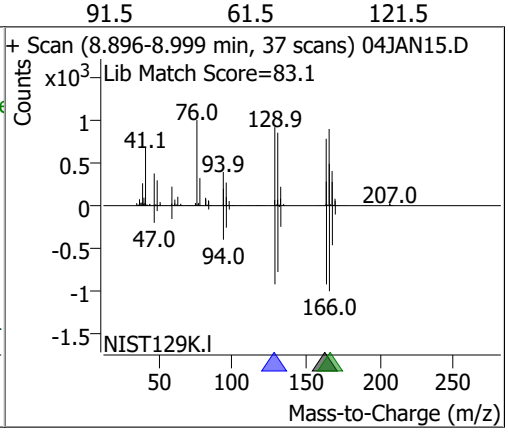




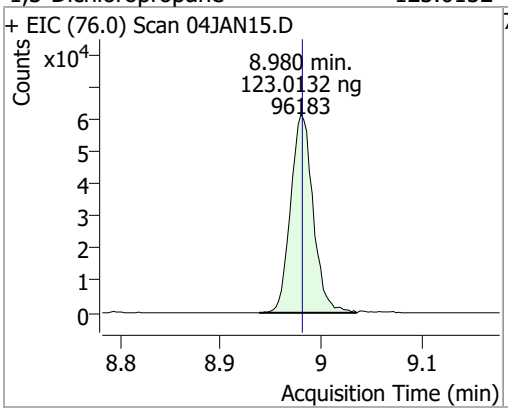
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	119.9003	8.94	0.00	97590	165.8	128.6	98.6	158.6
					129.0	91.5	61.5	121.5

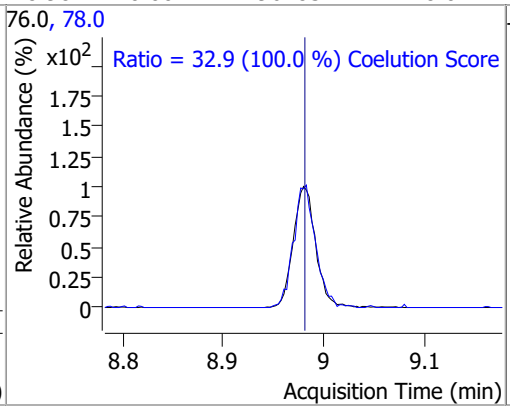


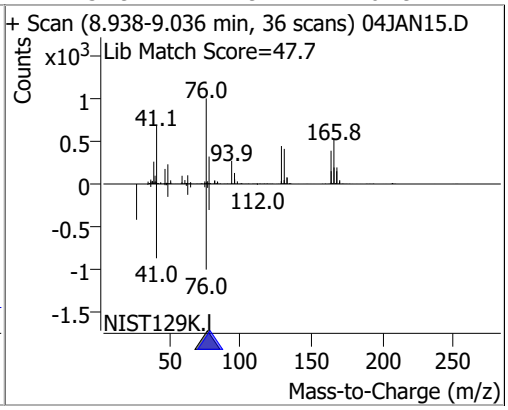




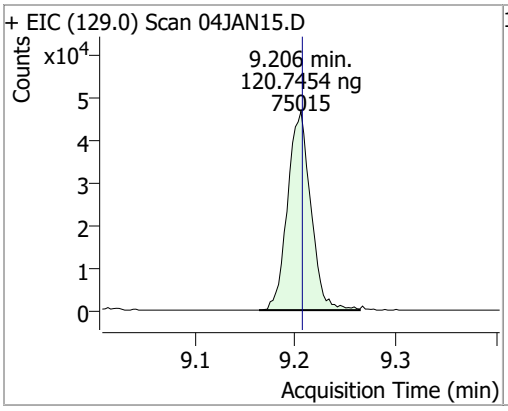
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	123.0132	8.98	0.00	96183	78.0	32.9	2.9	62.9

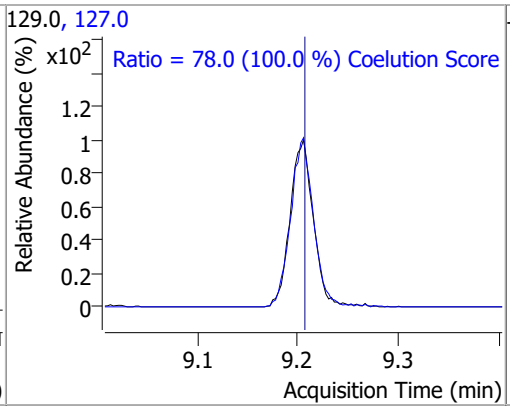


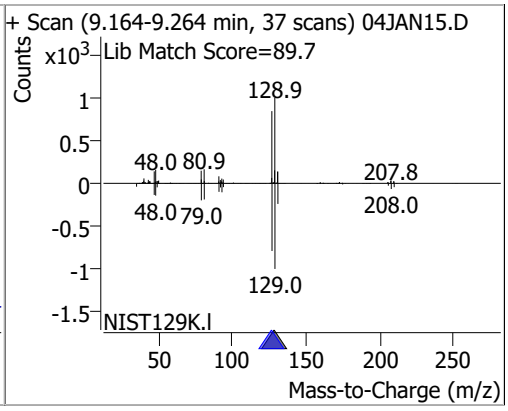




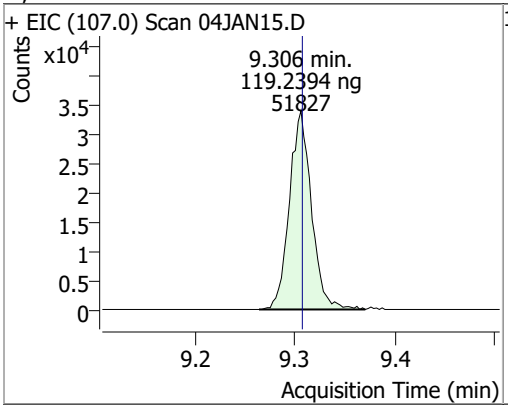
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	120.7454	9.21	0.00	75015	127.0	78.0	48.0	108.0

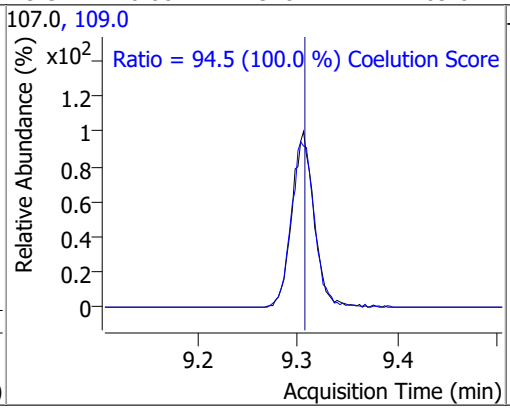


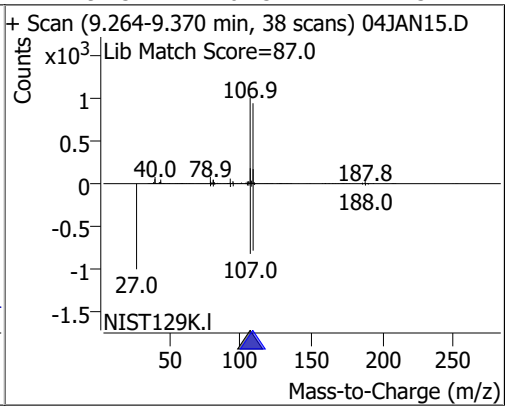




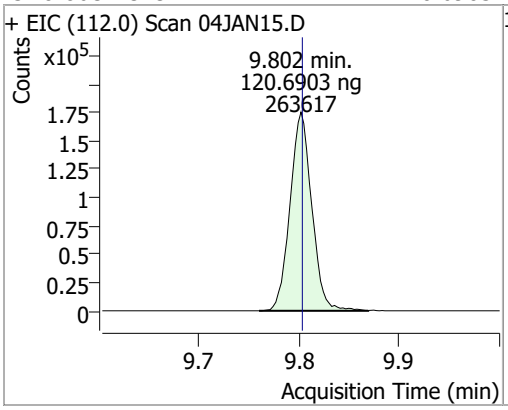
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	119.2394	9.31	0.00	51827	109.0	94.5	64.5	124.5

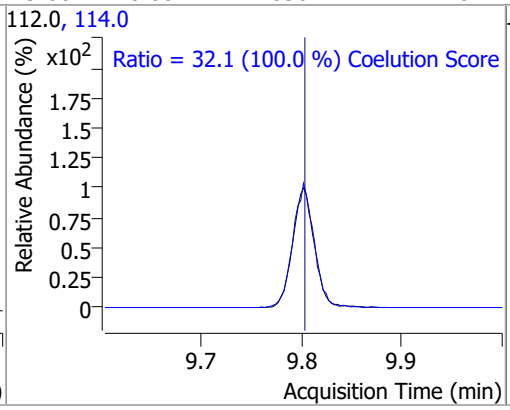


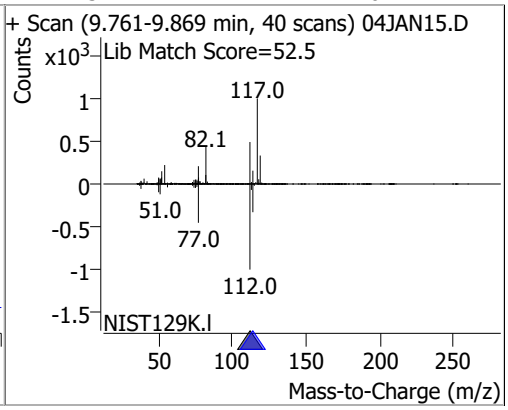




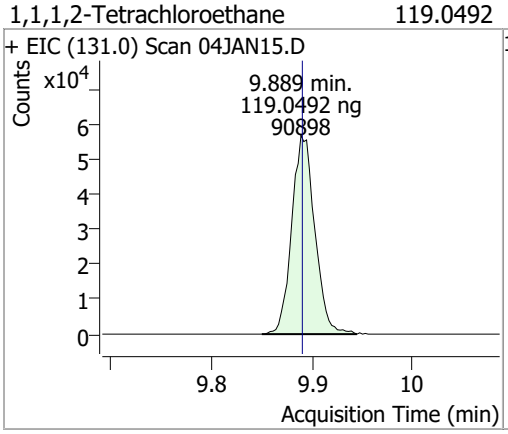
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	120.6903	9.80	0.00	263617	114.0	32.1	2.1	62.1

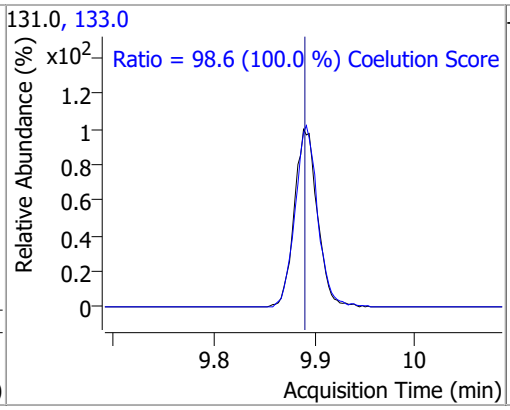


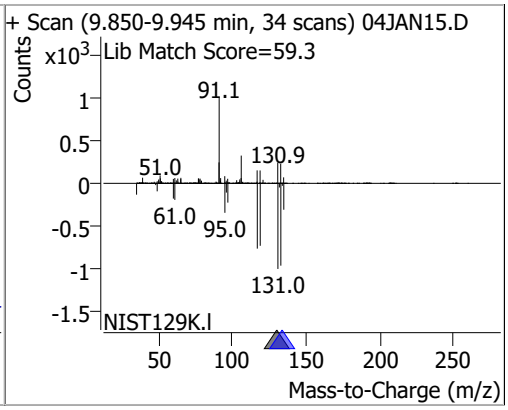




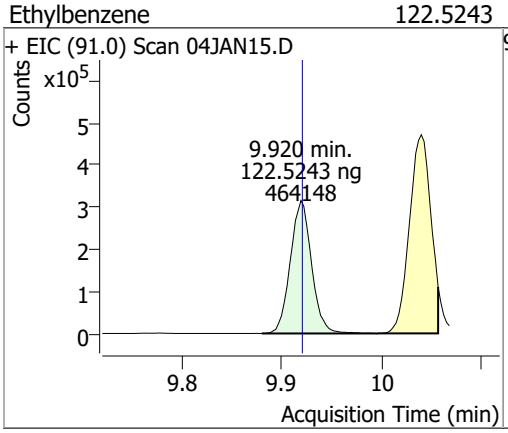
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	119.0492	9.89	0.00	90898	133.0	98.6	68.6	128.6

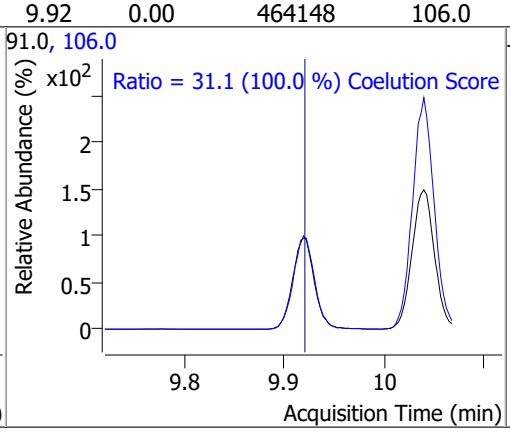


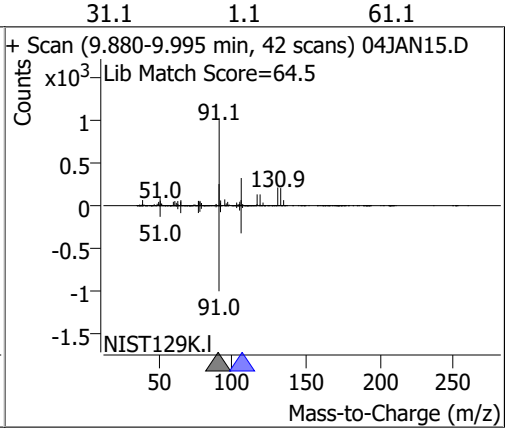




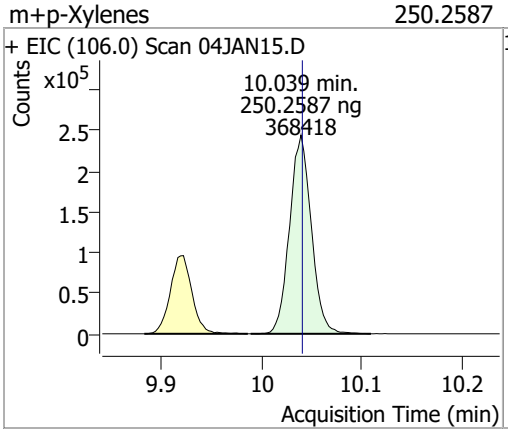
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	122.5243	9.92	0.00	464148	106.0	31.1	1.1	61.1

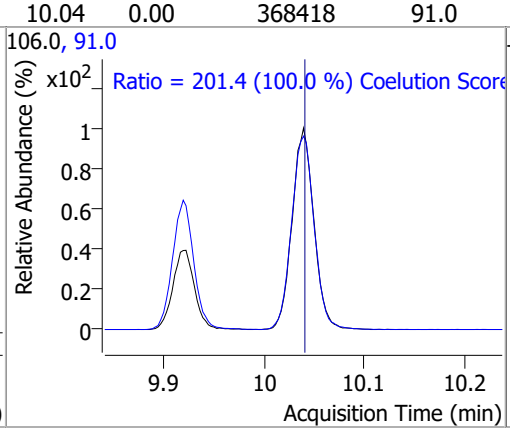


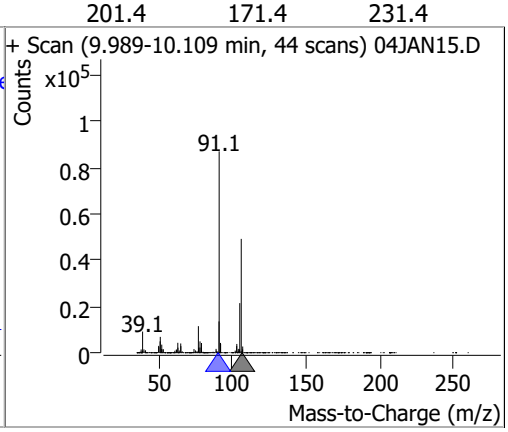




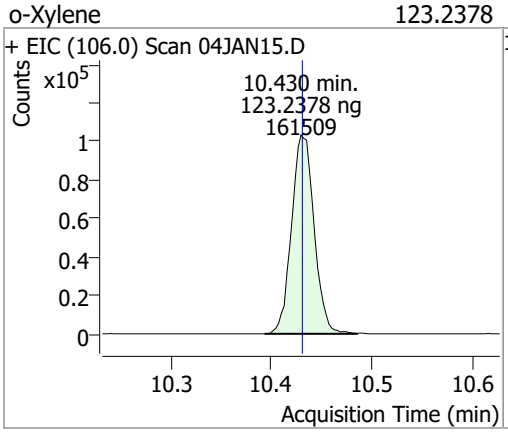
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	250.2587	10.04	0.00	368418	91.0	201.4	171.4	231.4

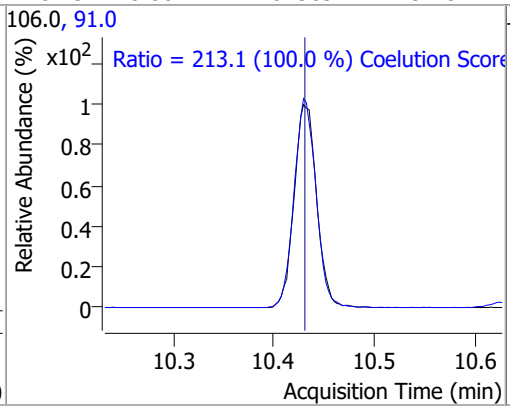


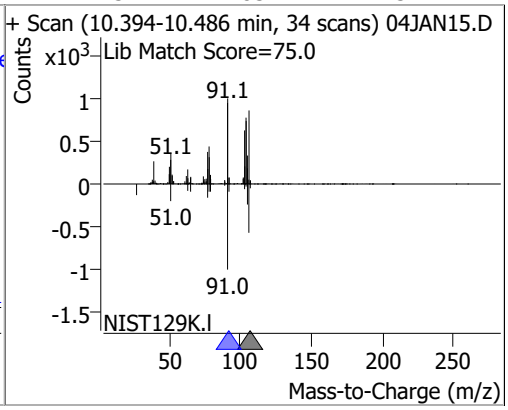




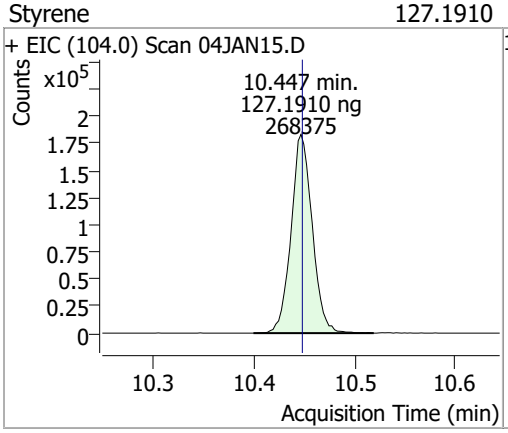
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	123.2378	10.43	0.00	161509	91.0	213.1	183.1	243.1

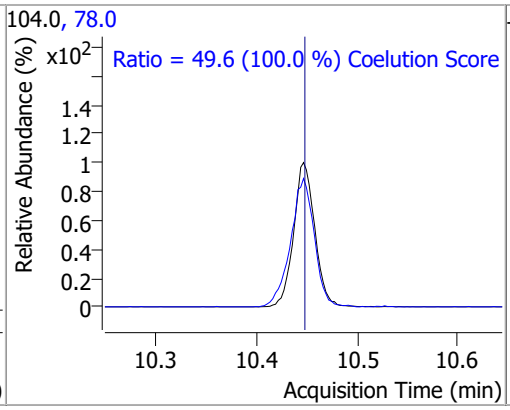


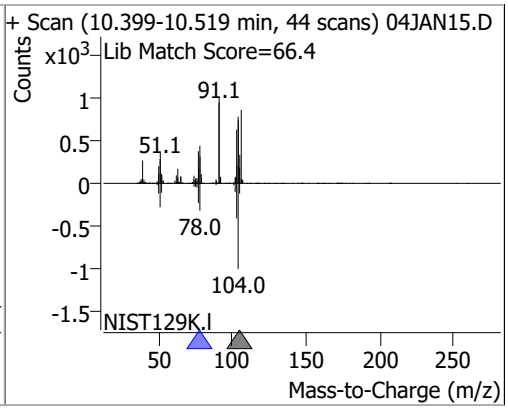




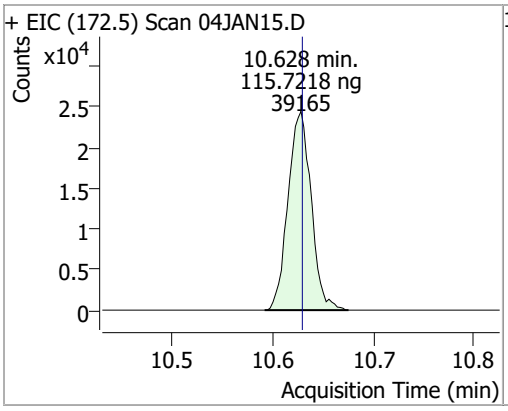
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	127.1910	10.45	0.00	268375	78.0	49.6	19.6	79.6

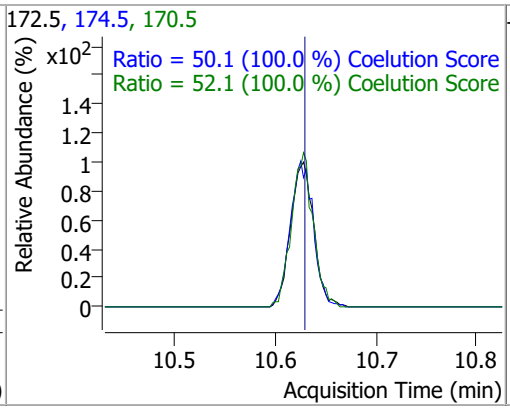


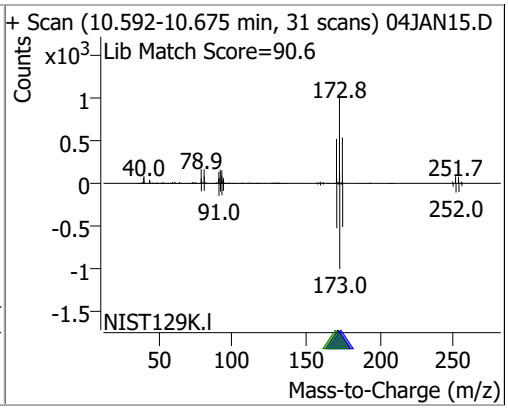




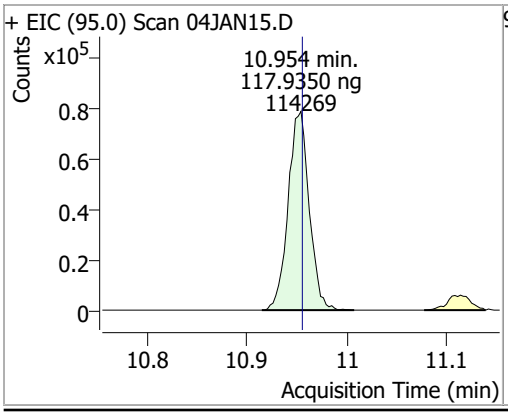
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	115.7218	10.63	0.00	39165	170.5	52.1	22.1	82.1
					174.5	50.1	20.1	80.1

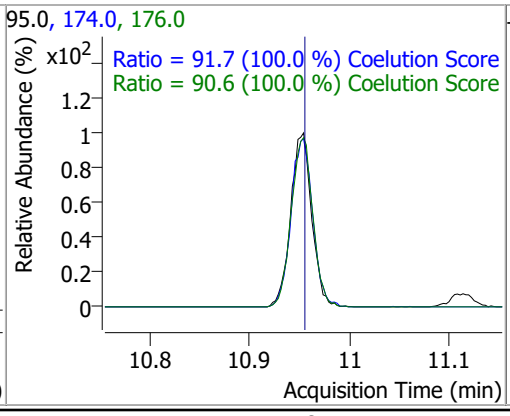


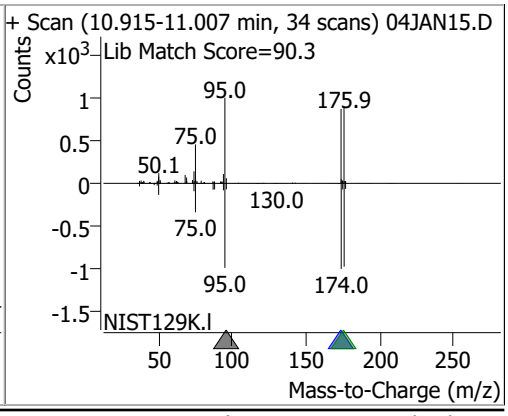




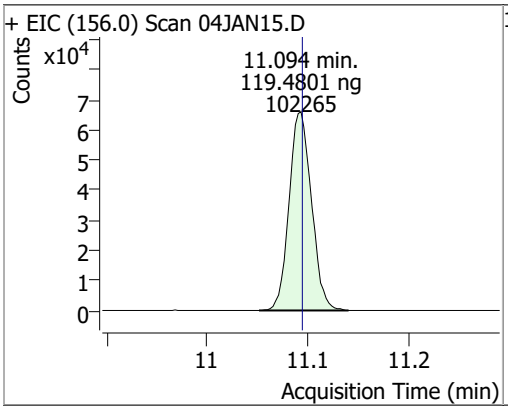
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	117.9350	10.95	0.00	114269	174.0	91.7	61.7	121.7
					176.0	90.6	60.6	120.6

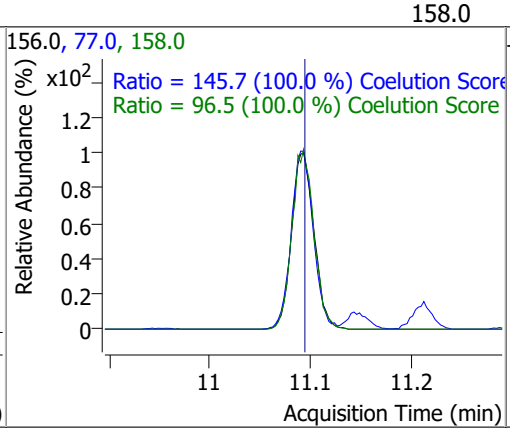


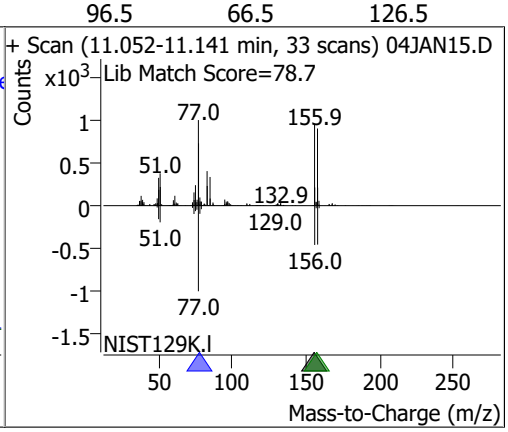




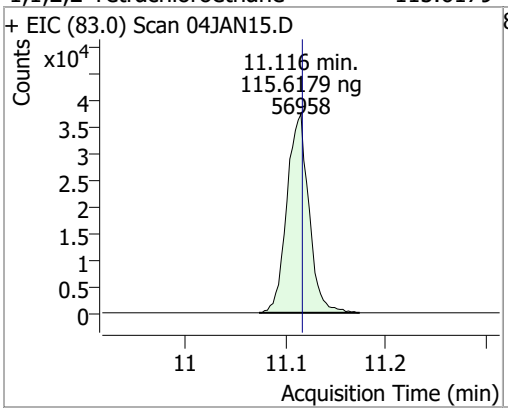
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	119.4801	11.09	0.00	102265	77.0	145.7	115.7	175.7
					158.0	96.5	66.5	126.5

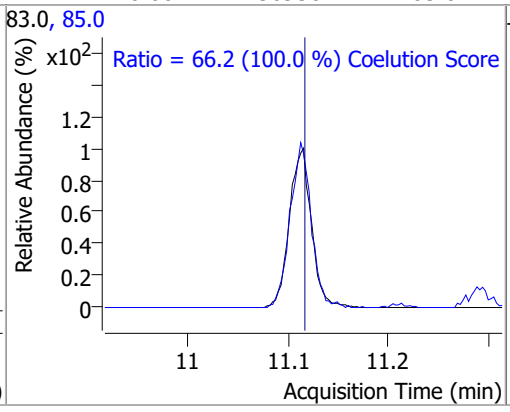


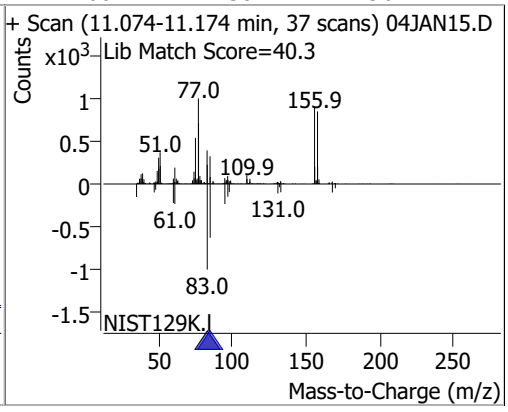




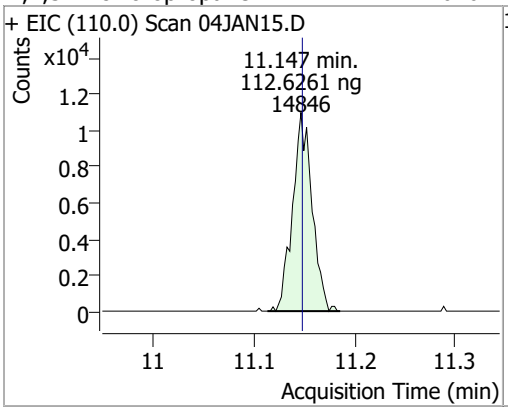
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	115.6179	11.12	0.00	56958	85.0	66.2	36.2	96.2

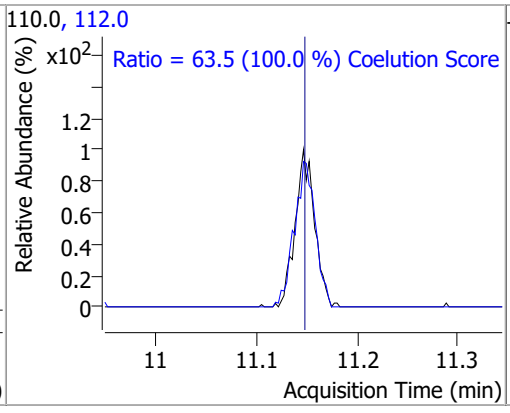


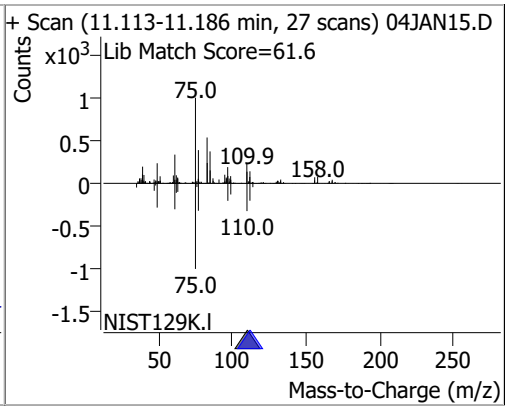




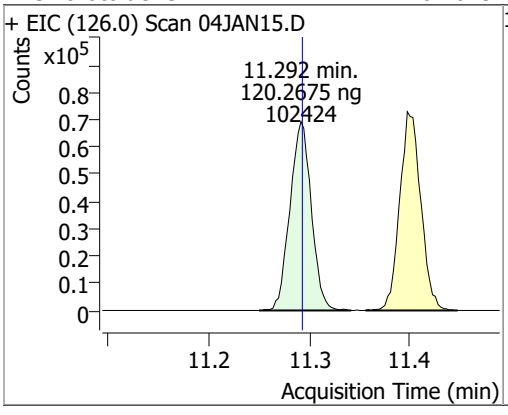
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	112.6261	11.15	0.00	14846	112.0	63.5	33.5	93.5

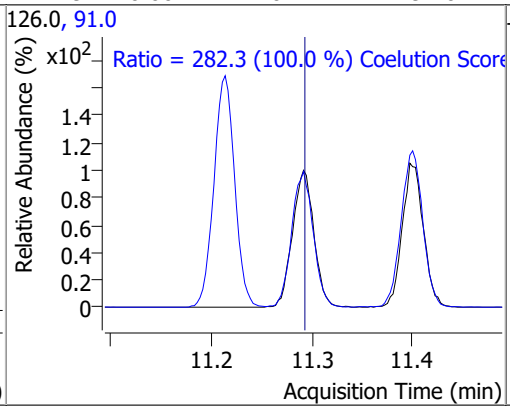


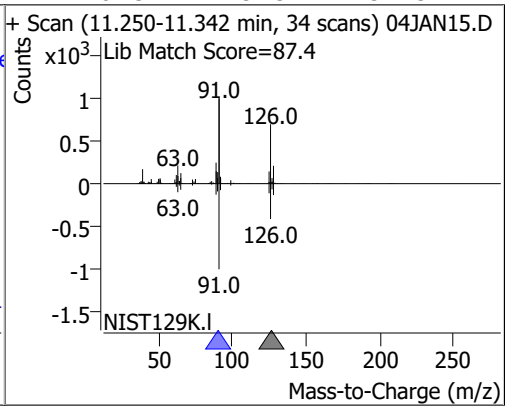




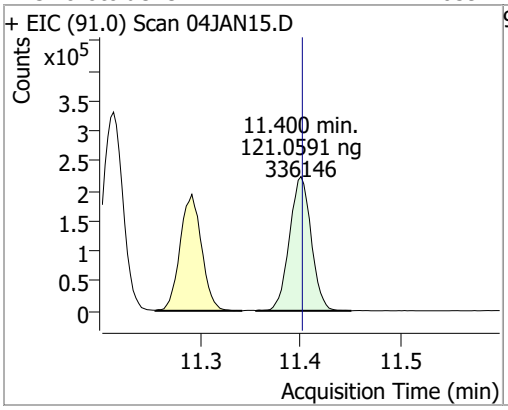
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	120.2675	11.29	0.00	102424	91.0	282.3	252.3	312.3

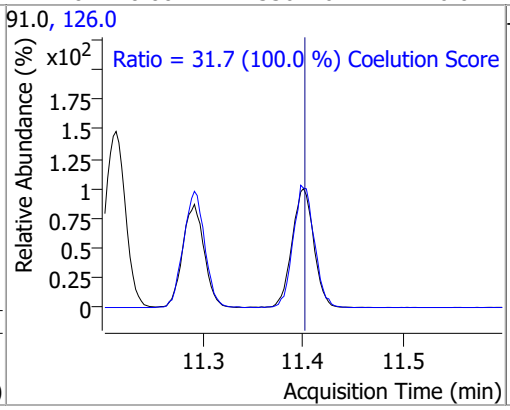


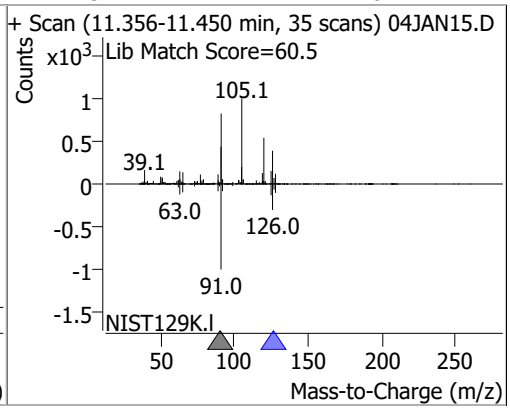




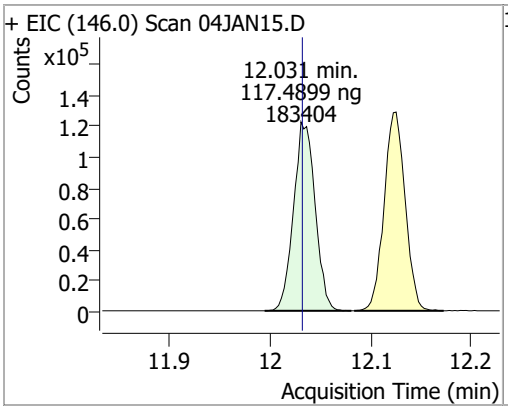
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	121.0591	11.40	0.00	336146	126.0	31.7	1.7	61.7

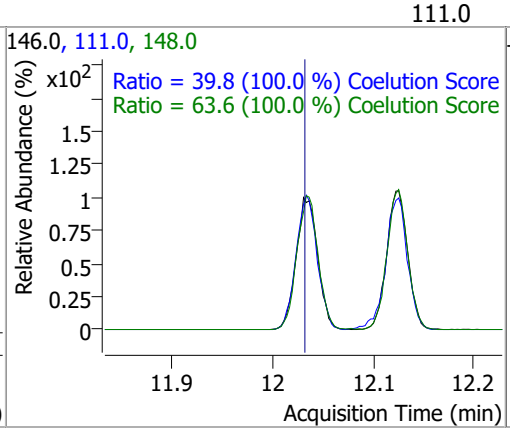


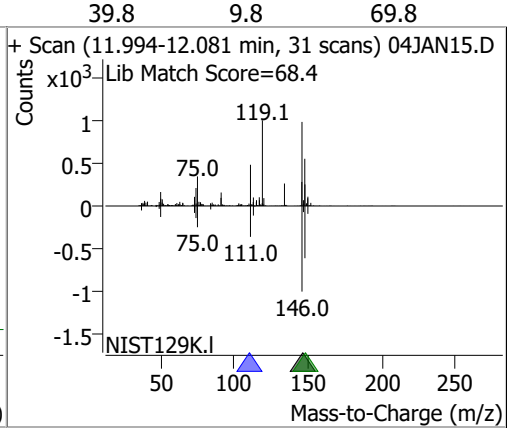




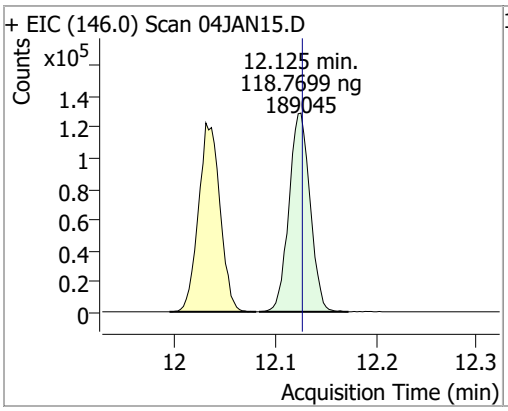
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	117.4899	12.03	0.00	183404	148.0	63.6	33.6	93.6
					111.0	39.8	9.8	69.8

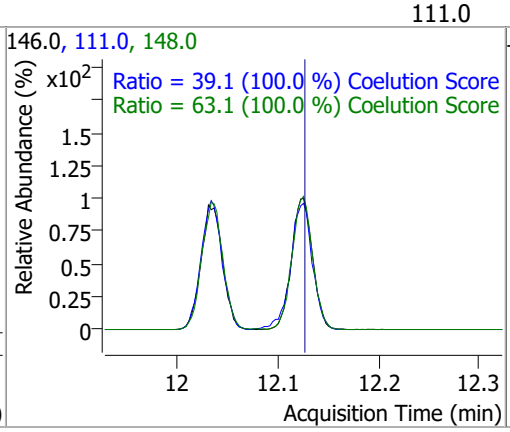


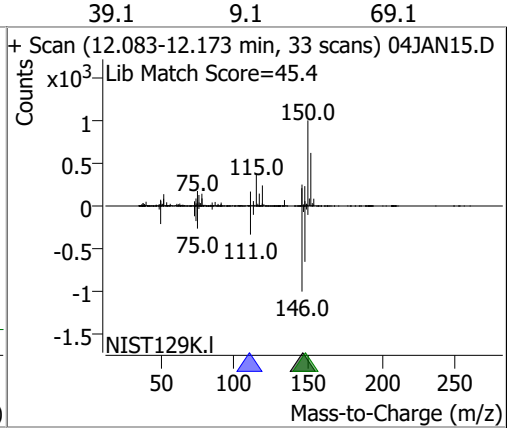




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	118.7699	12.13	0.00	189045	148.0	63.1	33.1	93.1
					111.0	39.1	9.1	69.1

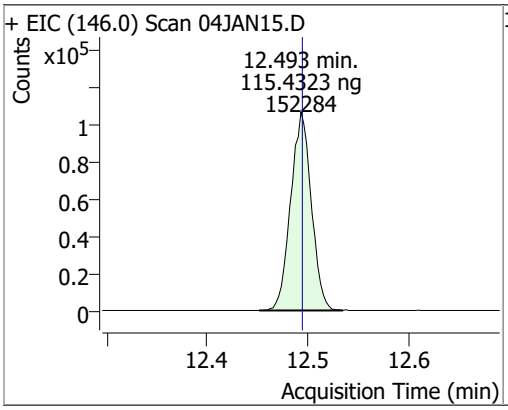


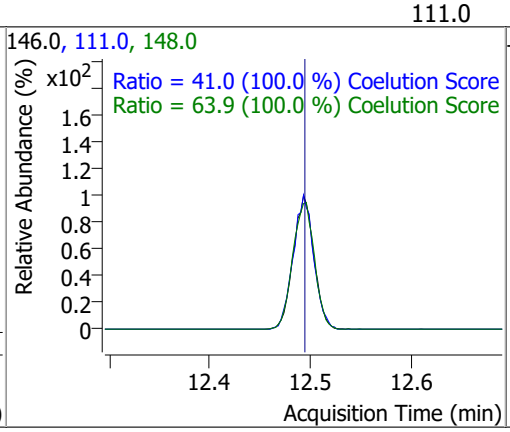


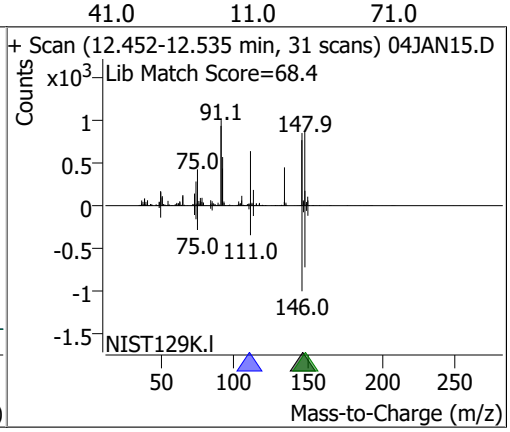


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	115.4323	12.49	0.00	152284	148.0	63.9	33.9	93.9
					111.0	41.0	11.0	71.0







Quantitation Results Report (QT Reviewed)

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Data File	04JAN17.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 6:45:10 PM
Sample Name	ICAL010422_6	Instrument	VOA5975C
Vial	17	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
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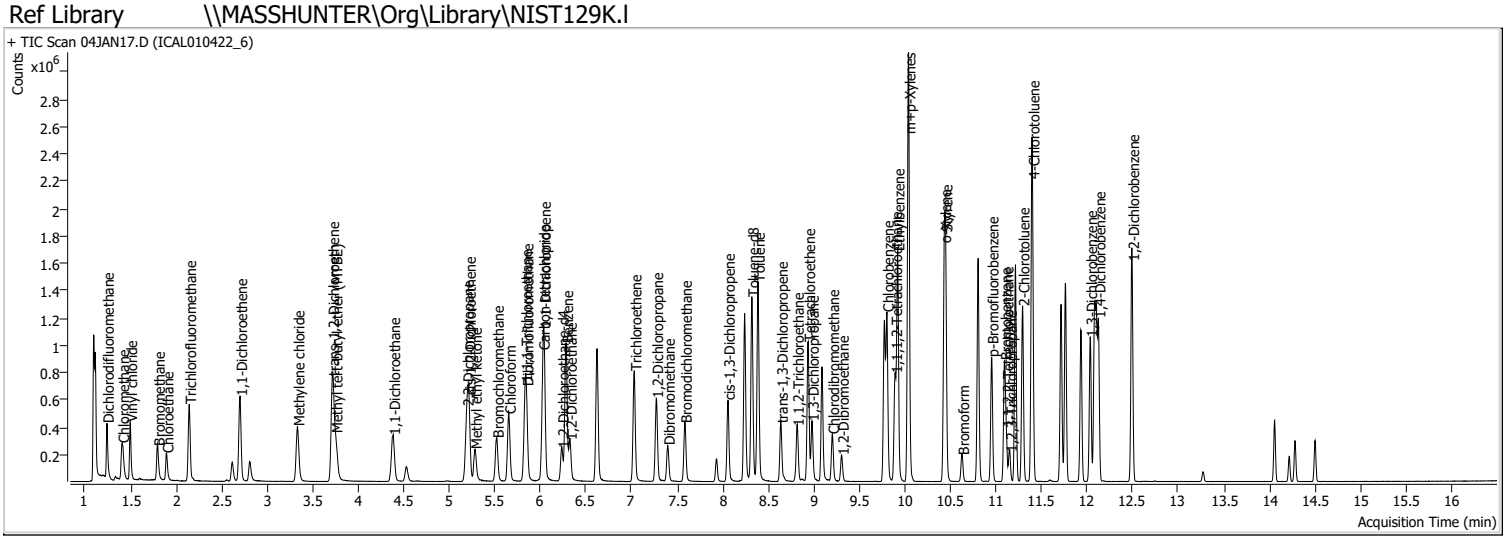
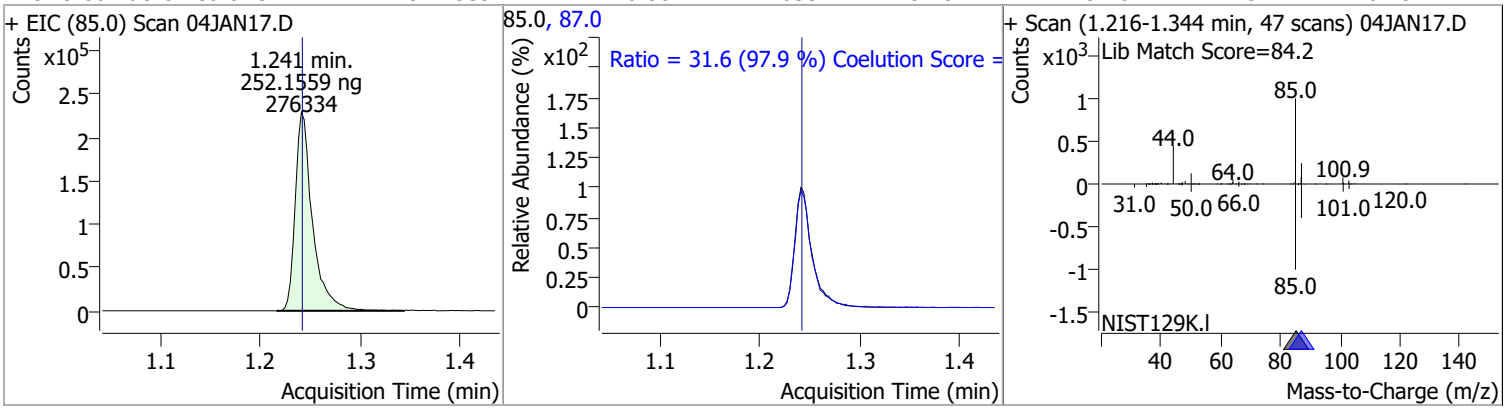


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	836278	250.0000	ng	-0.003
M Chlorobenzene-d5	9.774	82.0	316399	250.0000	ng	0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	266553	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	204073	259.0223	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 103.61%		
S 1,2-Dichloroethane-d4	6.236	67.0	87876	258.2324	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 103.29%		
S Toluene-d8	8.319	98.0	823306	270.0265	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 108.01%		
S p-Bromofluorobenzene	10.951	95.0	261042	267.3186	ng	-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.93%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	276334	252.1559	ng	99
T Chloromethane	1.408	50.0	319523	240.2183	ng	99
T Vinyl chloride	1.498	62.0	297604	248.6532	ng	86
T Bromomethane	1.799	96.0	134737	251.7606	ng	97
T Chloroethane	1.894	64.0	137312	231.7432	ng	98
T Trichlorofluoromethane	2.145	101.0	384837	259.0502	ng	98
T 1,1-Dichloroethene	2.702	96.0	217406	258.0903	ng	99
T Methylene chloride	3.333	49.0	292397	235.4657	ng	99
T trans-1,2-Dichloroethene	3.715	96.0	218855	254.6608	ng	99
T Methyl tert-butyl ether (MTBE)	3.751	73.0	287653	258.9535	ng	99
T 1,1-Dichloroethane	4.384	63.0	413408	258.4325	ng	99
T 2,2-Dichloropropane	5.190	77.0	303307	253.0397	ng	99
T cis-1,2-Dichloroethene	5.215	96.0	228170	261.8706	ng	96
T Methyl ethyl ketone	5.279	43.0	317271	2688.2474	ng	99
T Bromochloromethane	5.519	128.0	89178	247.0586	ng	95
T Chloroform	5.653	83.0	394946	248.0804	ng	99

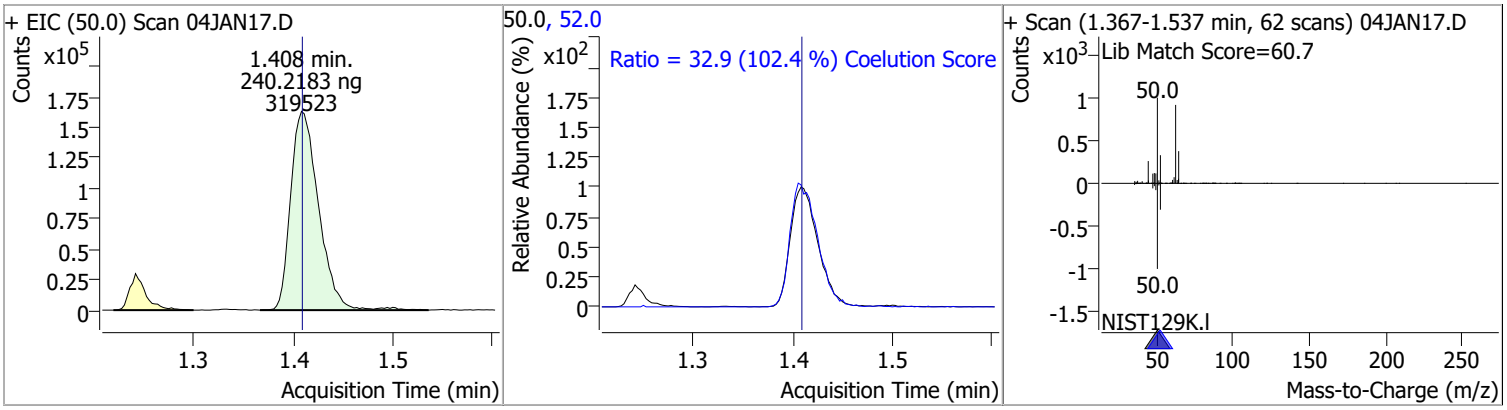
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	386005	258.7228	ng	99
T Carbon tetrachloride	6.026	117.0	383485	260.8774	ng	99
T 1,1-Dichloropropene	6.038	75.0	335741	264.6638	ng	99
T Benzene	6.280	78.0	857534	257.5416	ng	100
T 1,2-Dichloroethane	6.322	62.0	226964	251.9675	ng	99
T Trichloroethene	7.030	95.0	250285	262.2931	ng	100
T 1,2-Dichloropropane	7.270	63.0	213800	254.7161	ng	100
T Dibromomethane	7.396	93.0	89483	252.2734	ng	97
T Bromodichloromethane	7.582	83.0	251805	257.2286	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	293617	265.2863	ng	99
T Toluene	8.386	92.0	541945	263.1330	ng	100
T trans-1,3-Dichloropropene	8.639	75.0	207833	263.8027	ng	98
T 1,1,2-Trichloroethane	8.815	83.0	101888	248.2882	ng	99
T Tetrachloroethene	8.938	163.8	218245	259.7419	ng	98
T 1,3-Dichloropropane	8.980	76.0	212669	263.4754	ng	98
T Chlorodibromomethane	9.203	129.0	165695	258.3535	ng	100
T 1,2-Dibromoethane	9.306	107.0	115714	257.8887	ng	100
T Chlorobenzene	9.802	112.0	582326	258.2544	ng	100
T 1,1,1,2-Tetrachloroethane	9.891	131.0	200859	254.8274	ng	100
T Ethylbenzene	9.919	91.0	1043443	266.8193	ng	100
T m+p-Xylenes	10.039	106.0	825866	543.4262	ng	100
T o-Xylene	10.430	106.0	365914	270.4636	ng	100
T Styrene	10.446	104.0	605646	278.0455	ng	99
T Bromoform	10.628	172.5	87836	257.5099	ng	100
T Bromobenzene	11.093	156.0	227127	263.2944	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	124205	250.1577	ng	97
T 1,2,3-Trichloropropane	11.152	110.0	33115	249.2635	ng	97
T 2-Chlorotoluene	11.291	126.0	229396	267.2616	ng	99
T 4-Chlorotoluene	11.400	91.0	748435	267.4409	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	406895	258.6297	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	408934	254.9170	ng	98
T 1,2-Dichlorobenzene	12.493	146.0	342576	257.6524	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

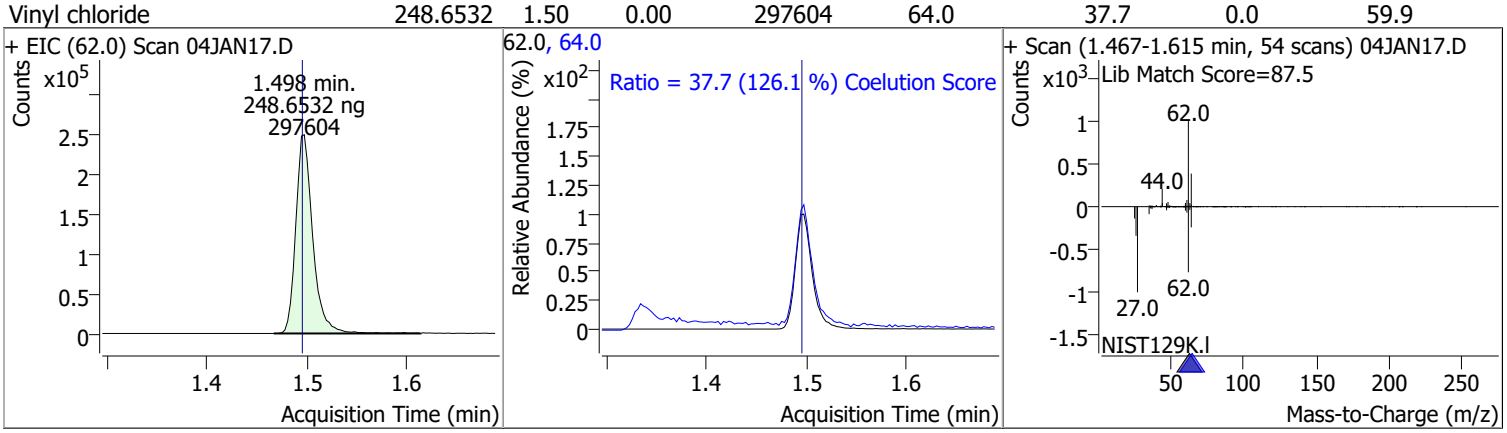
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	252.1559	1.24	0.00	276334	87.0	31.6	2.3	62.3



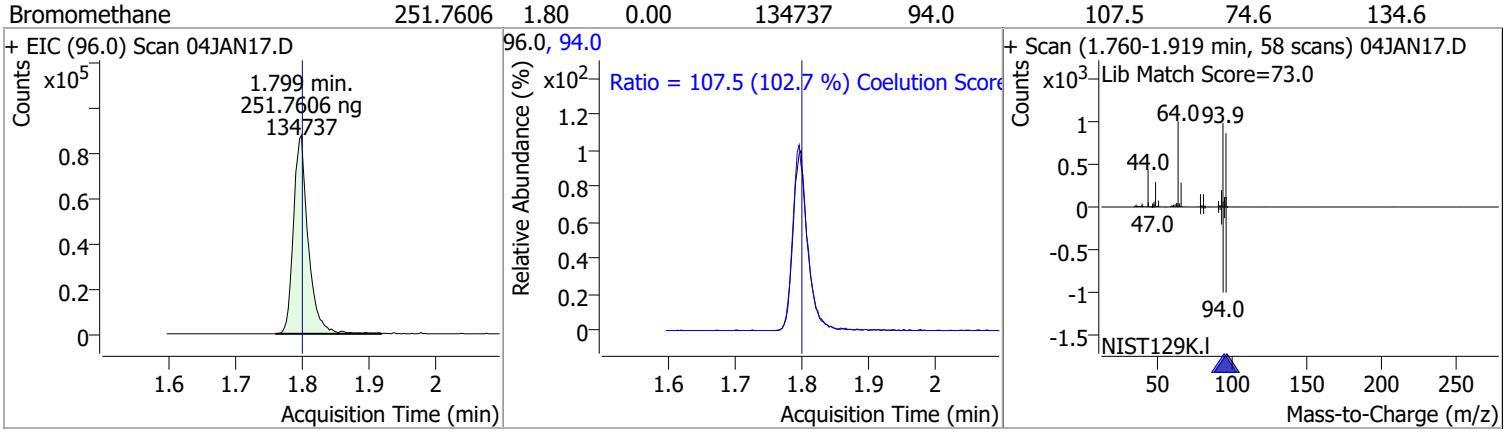
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	240.2183	1.41	0.00	319523	52.0	32.9	2.1	62.1



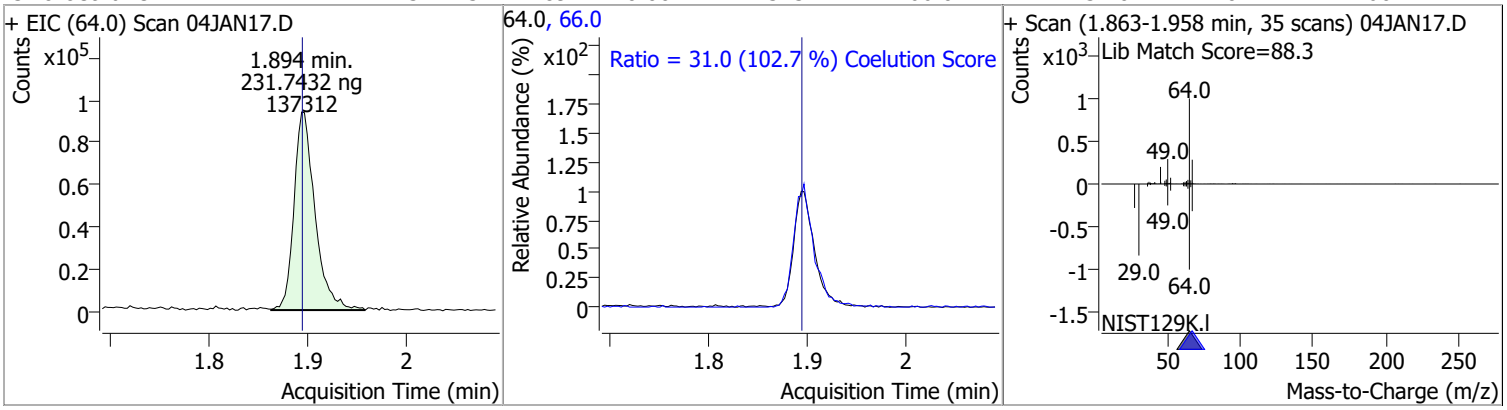
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	248.6532	1.50	0.00	297604	64.0	37.7	0.0	59.9



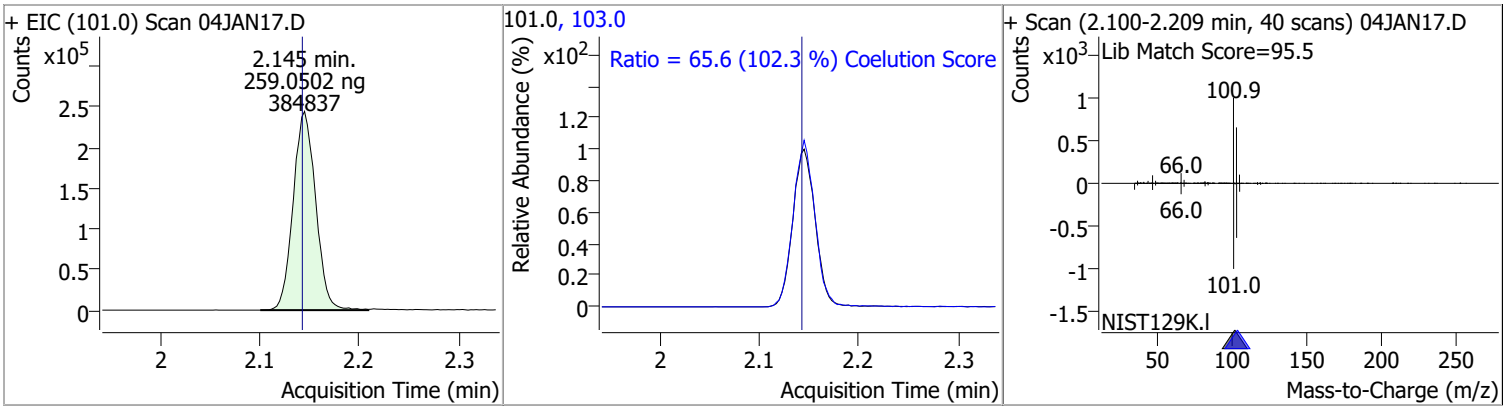
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	251.7606	1.80	0.00	134737	94.0	107.5	74.6	134.6



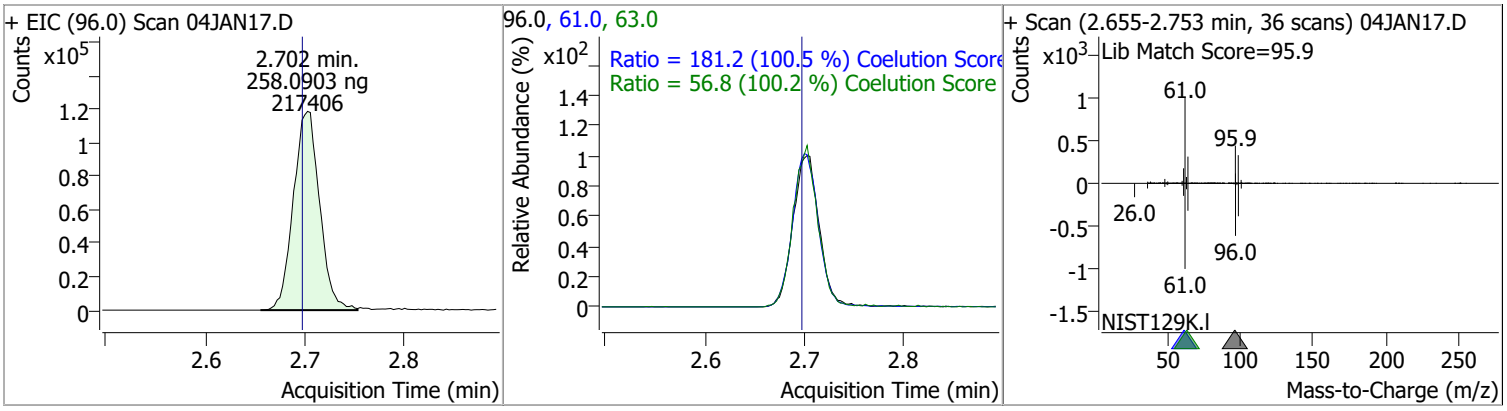
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	231.7432	1.89	0.00	137312	66.0	31.0	0.1	60.1



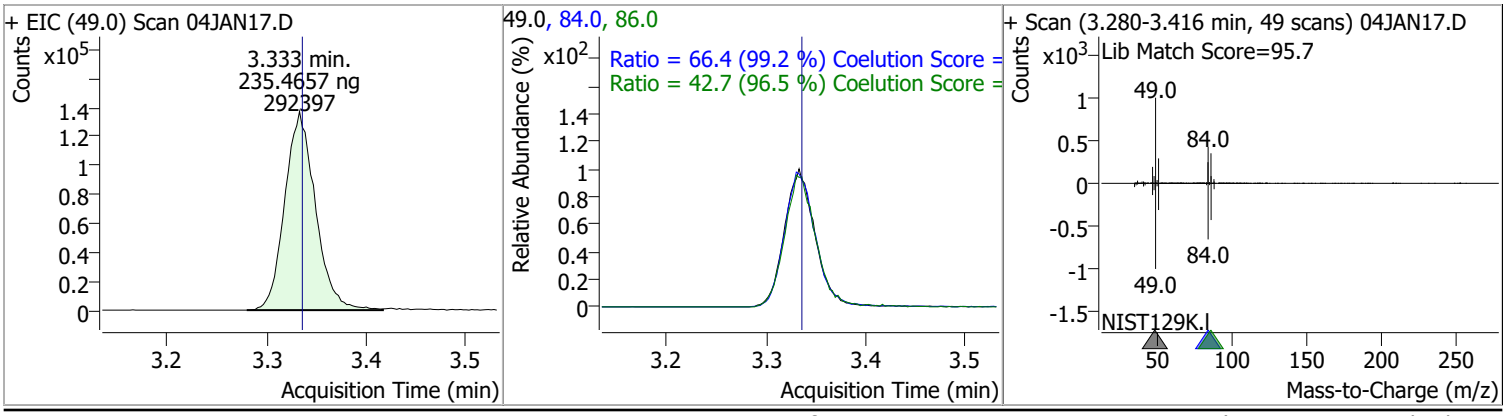
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	259.0502	2.14	0.00	384837	103.0	65.6	34.2	94.2



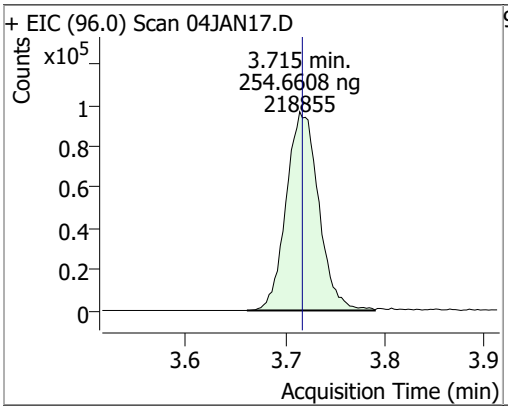
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	258.0903	2.70	0.01	217406	61.0	181.2	150.3	210.3
					63.0	56.8	26.7	86.7

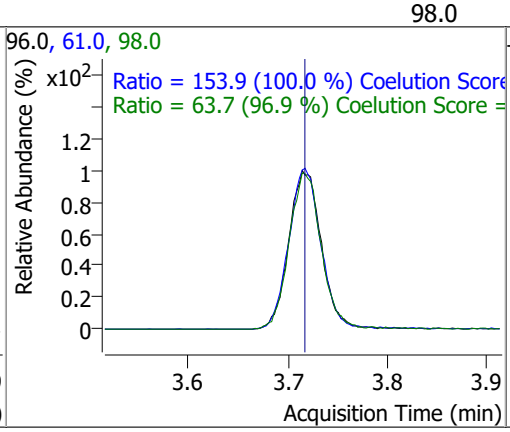


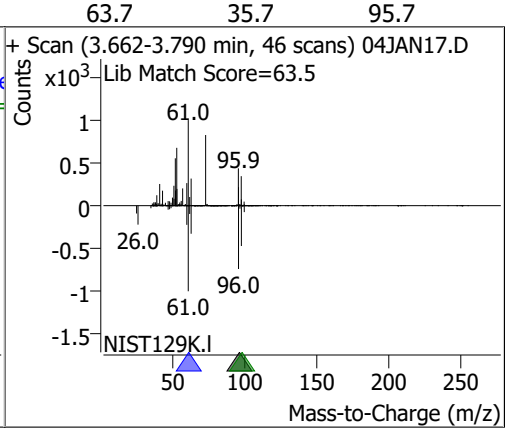
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	235.4657	3.33	0.00	292397	84.0	66.4	36.9	96.9
					86.0	42.7	14.3	74.3



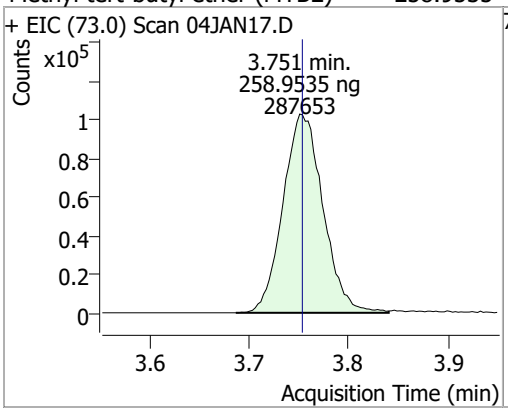
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	254.6608	3.71	0.00	218855	61.0	153.9	123.9	183.9
					98.0	63.7	35.7	95.7

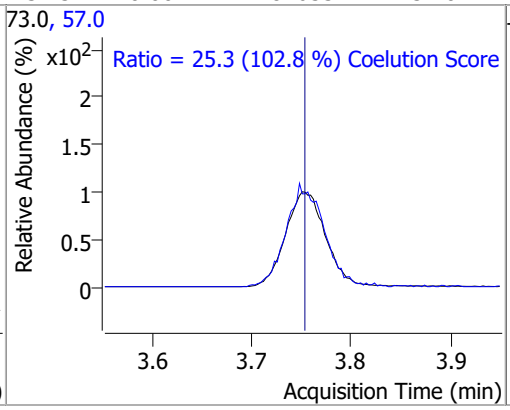


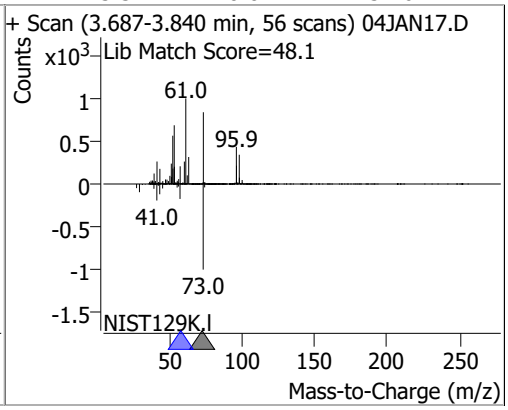




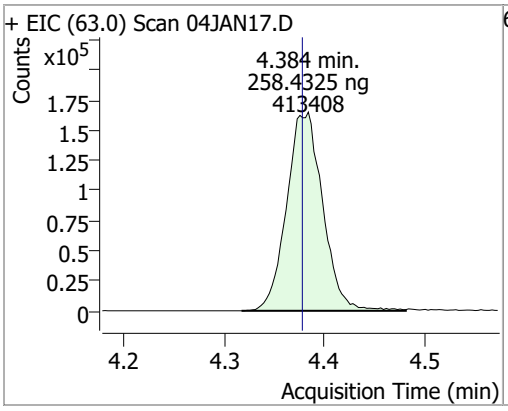
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	258.9535	3.75	0.00	287653	57.0	25.3	0.0	54.6

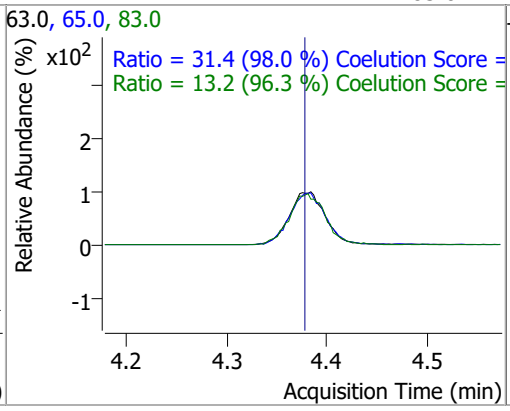


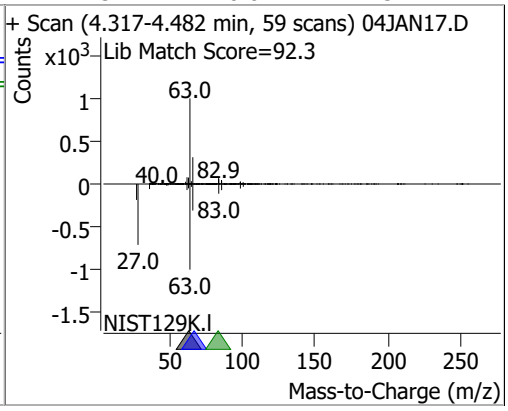




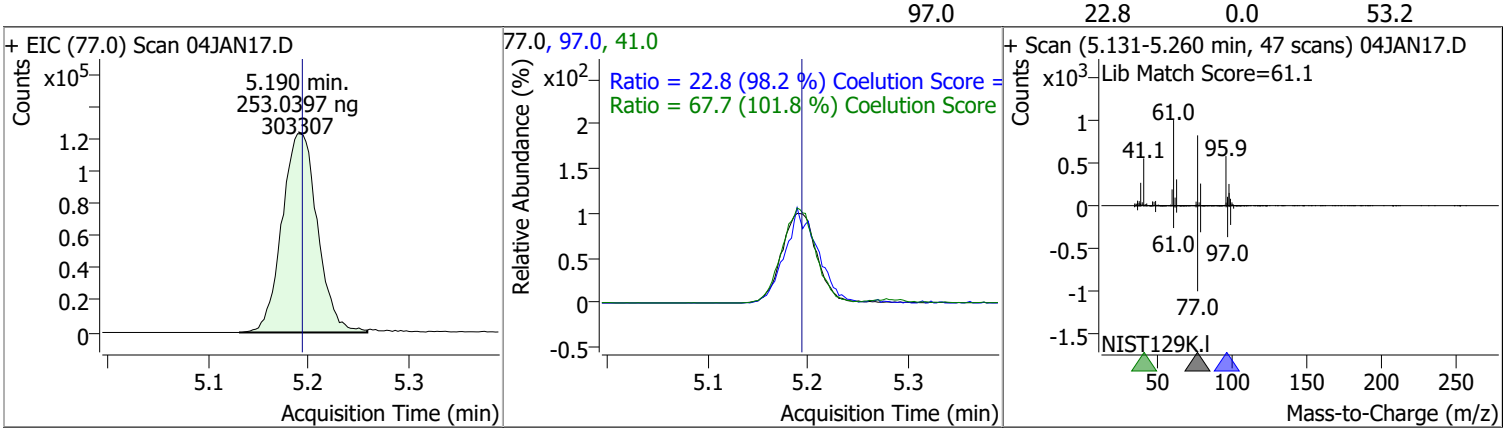
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	258.4325	4.38	0.01	413408	65.0	31.4	2.1	62.1
					83.0	13.2	0.0	43.7



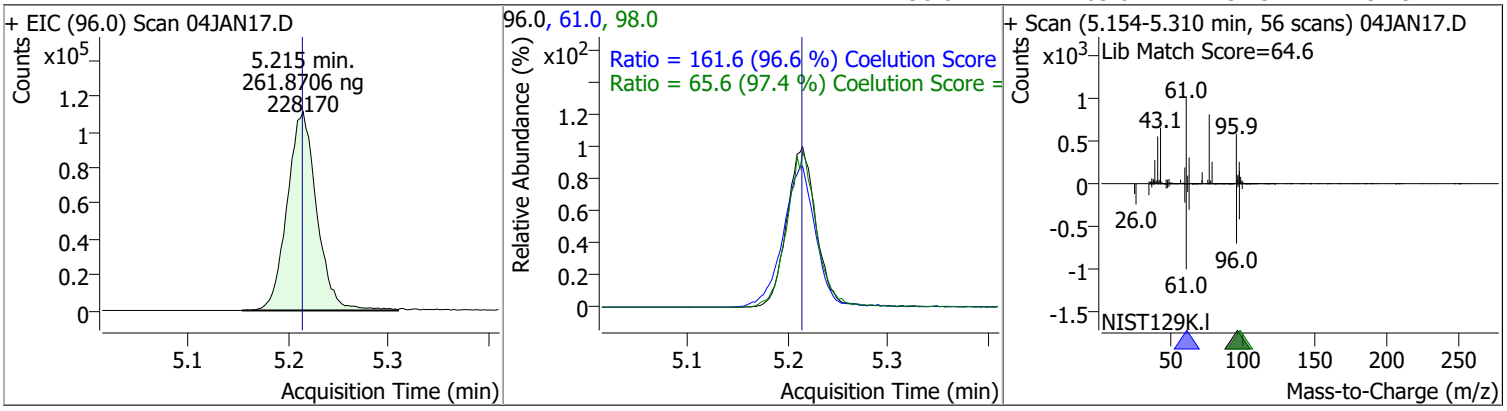




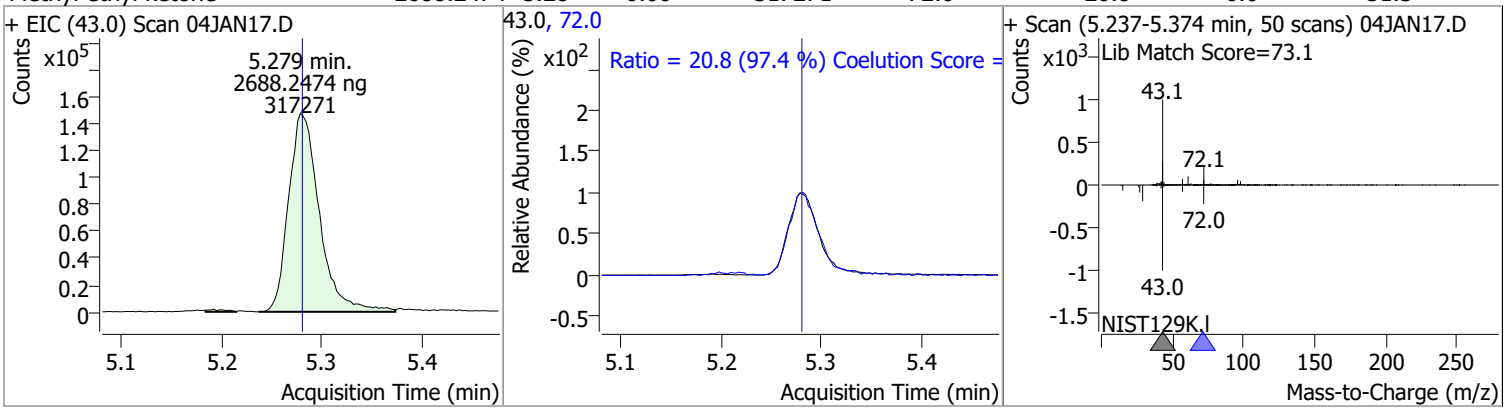
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	253.0397	5.19	-0.01	303307	41.0	67.7	36.5	96.5
					97.0	22.8	0.0	53.2



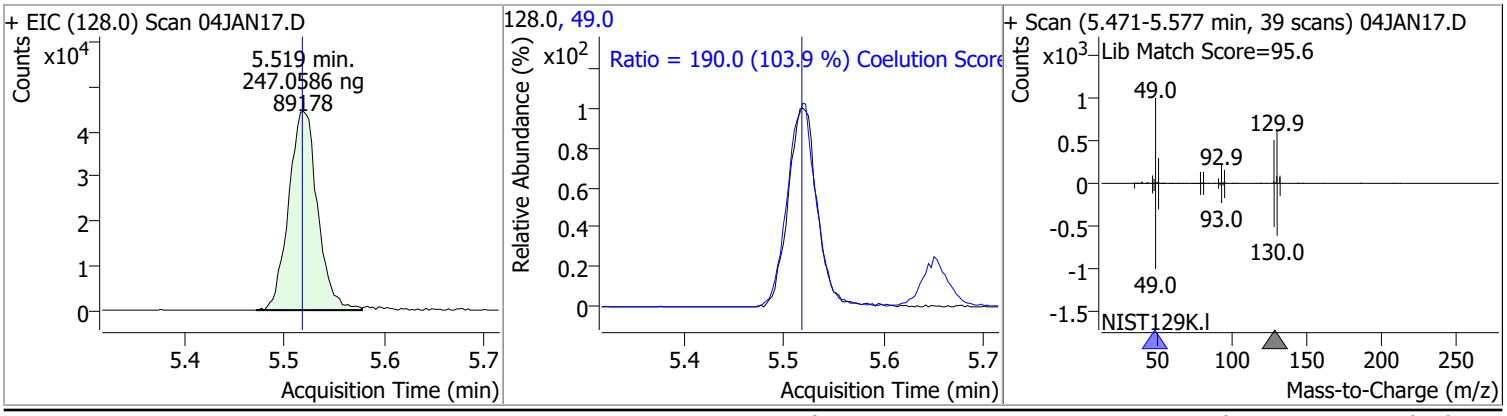
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	261.8706	5.21	0.00	228170	61.0	161.6	137.2	197.2
					98.0	65.6	37.3	97.3



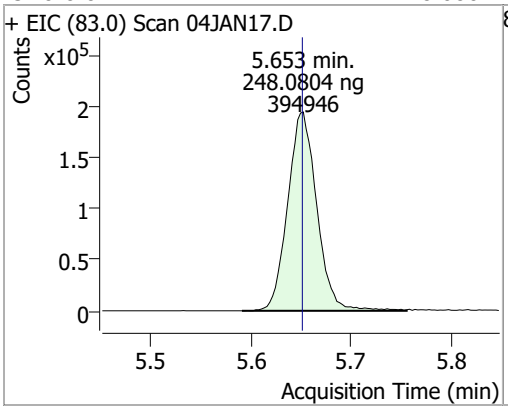
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	2688.2474	5.28	0.00	317271	72.0	20.8	0.0	51.3

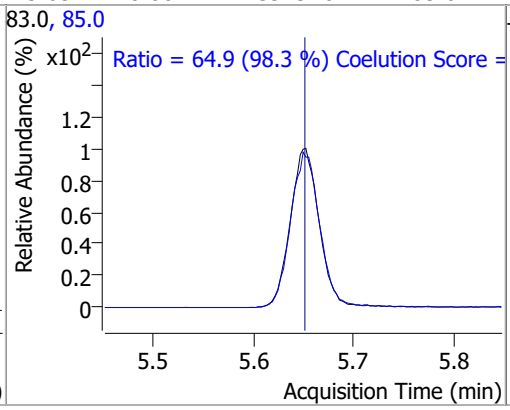


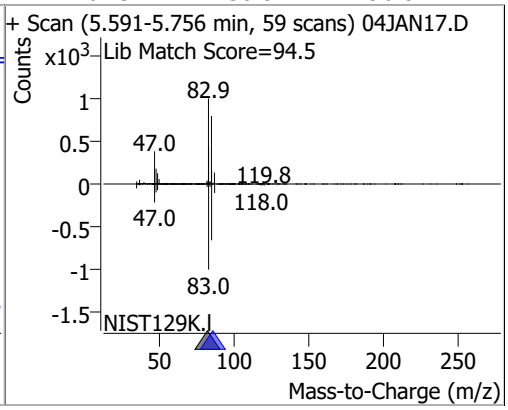
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	247.0586	5.52	0.00	89178	49.0	190.0	152.9	212.9



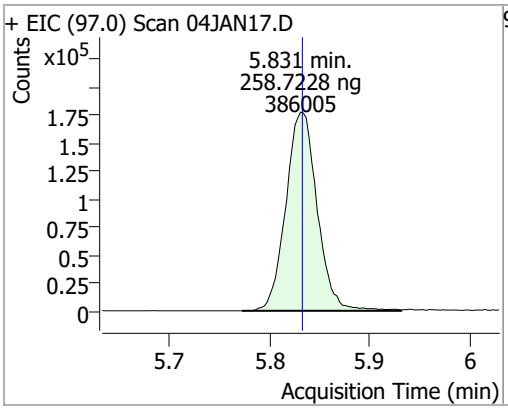
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	248.0804	5.65	0.00	394946	85.0	64.9	36.0	96.0

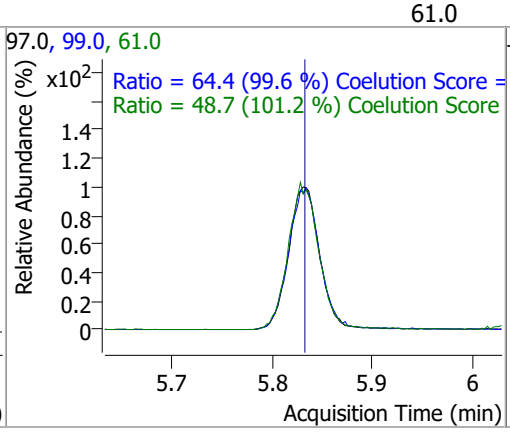


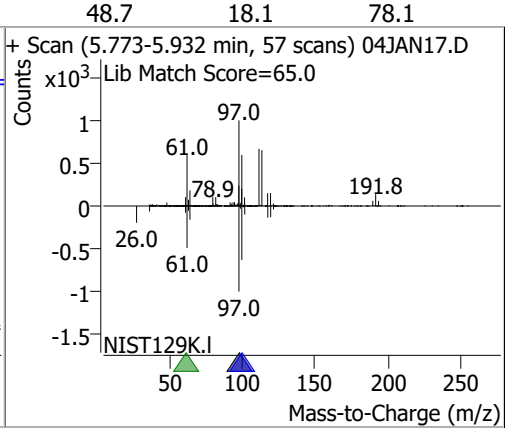




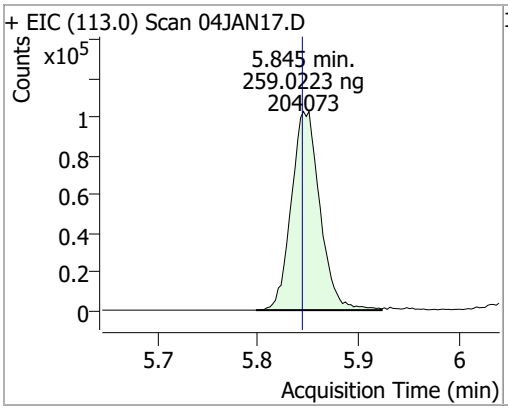
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	258.7228	5.83	0.00	386005	99.0	64.4	34.7	94.7
					61.0	48.7	18.1	78.1

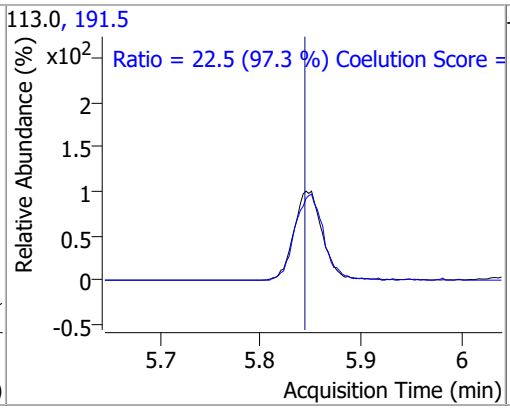


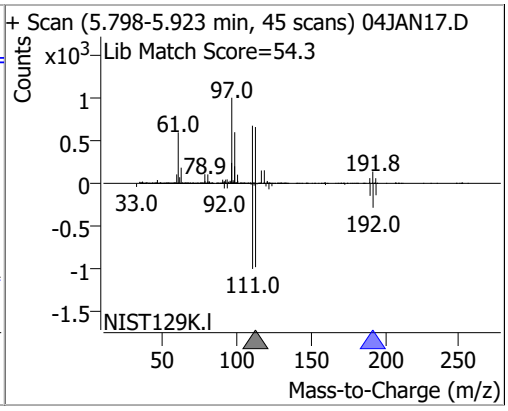




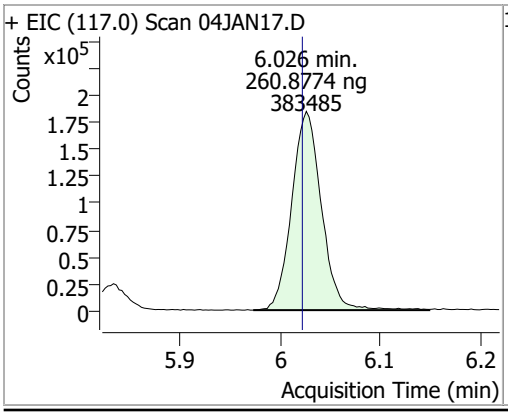
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	259.0223	5.85	0.00	204073	191.5	22.5	0.0	53.1

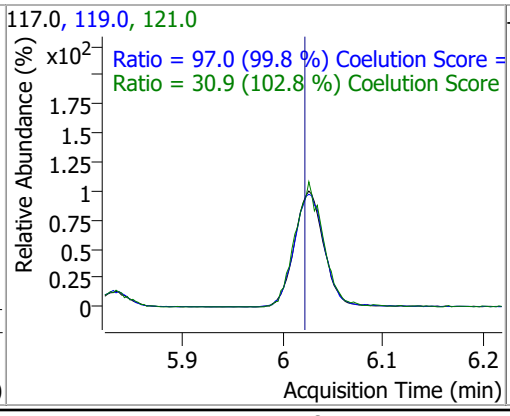


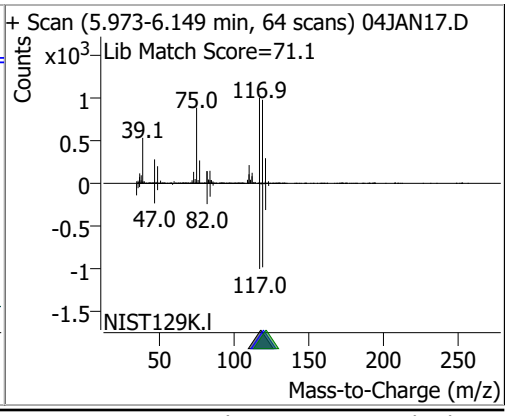




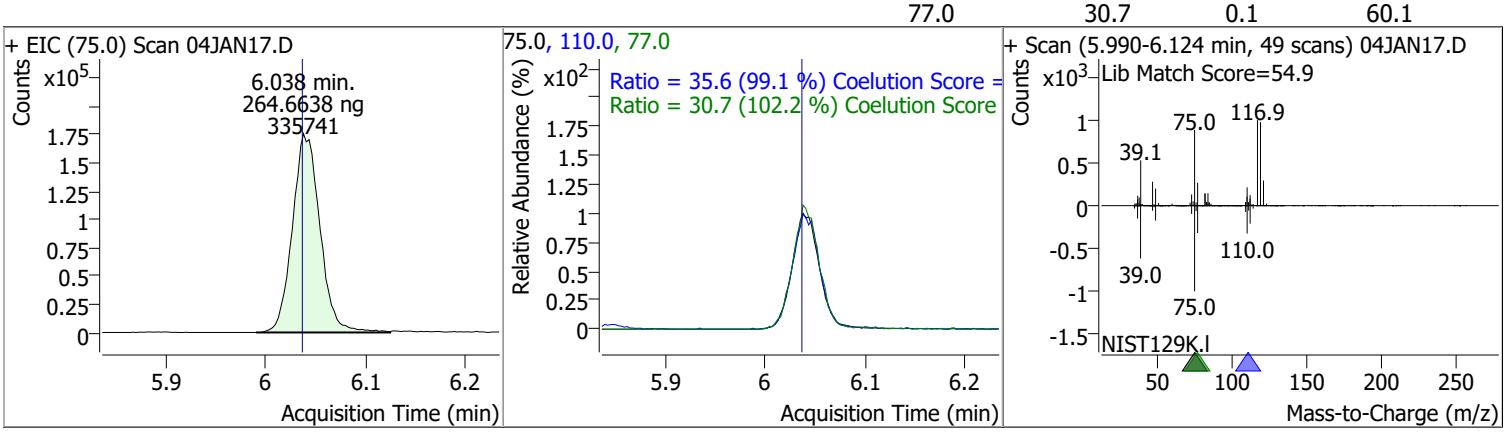
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	260.8774	6.03	0.00	383485	119.0	97.0	67.2	127.2
					121.0	30.9	0.1	60.1



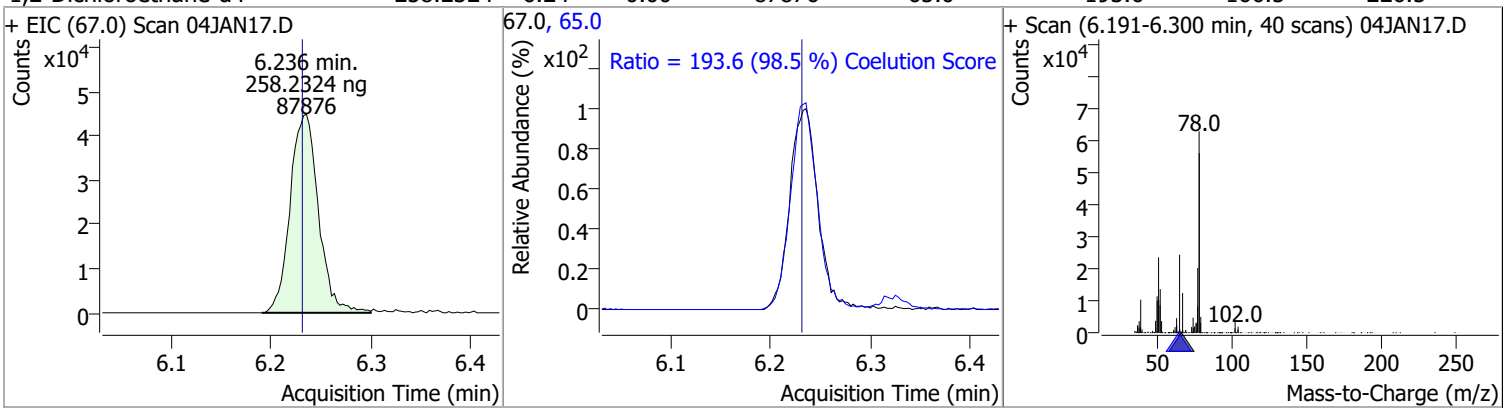




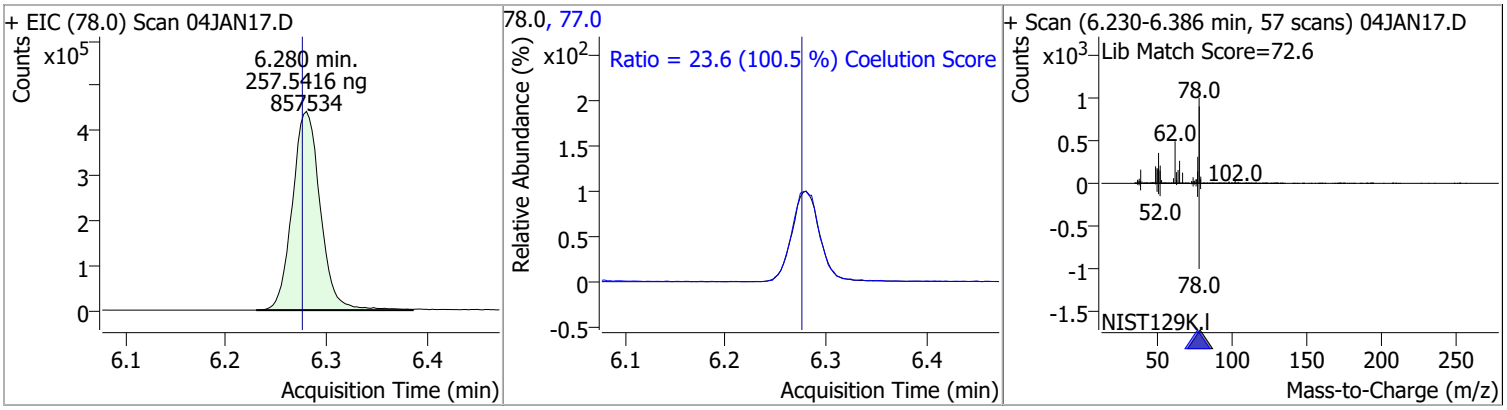
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	264.6638	6.04	0.00	335741	110.0	35.6	5.9	65.9
					77.0	30.7	0.1	60.1



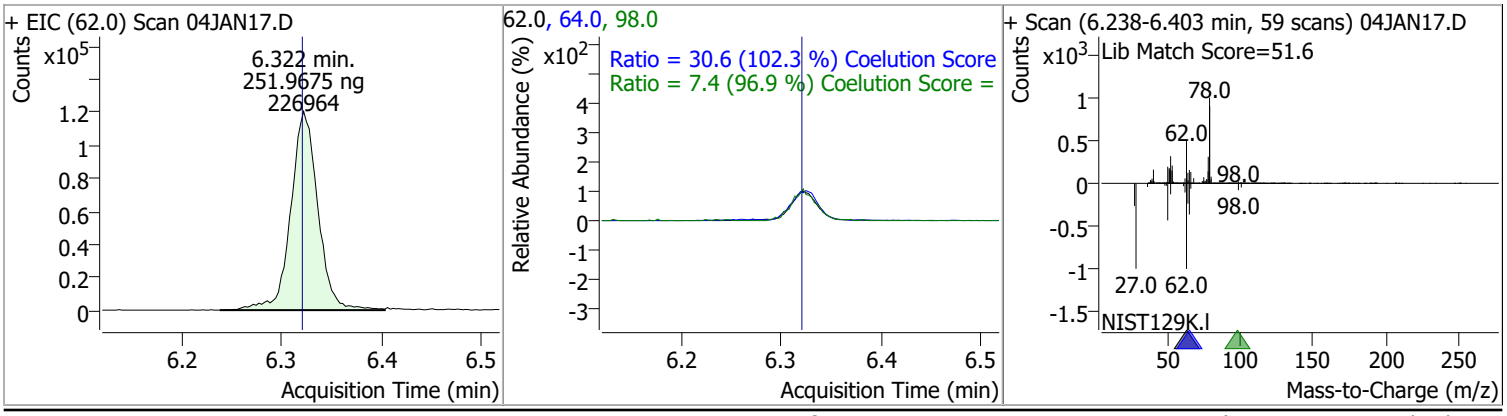
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	258.2324	6.24	0.00	87876	65.0	193.6	166.5	226.5



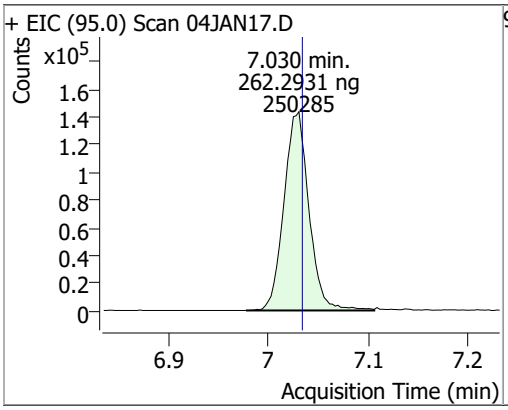
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	257.5416	6.28	0.00	857534	77.0	23.6	0.0	53.5

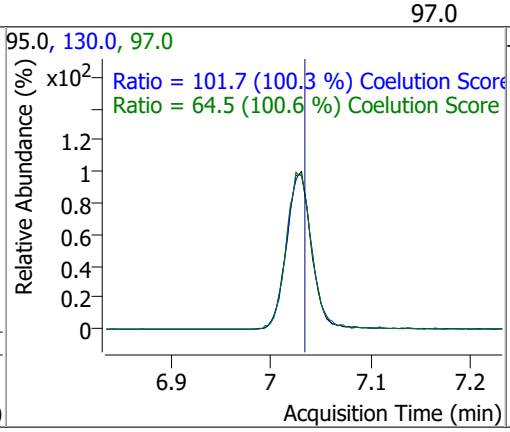


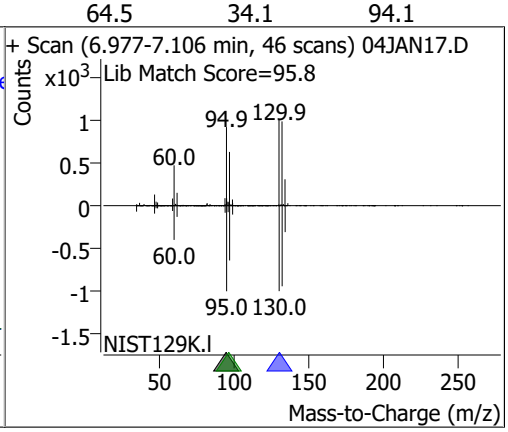
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	251.9675	6.32	0.00	226964	64.0	30.6	0.0	59.9
					98.0	7.4	0.0	37.6



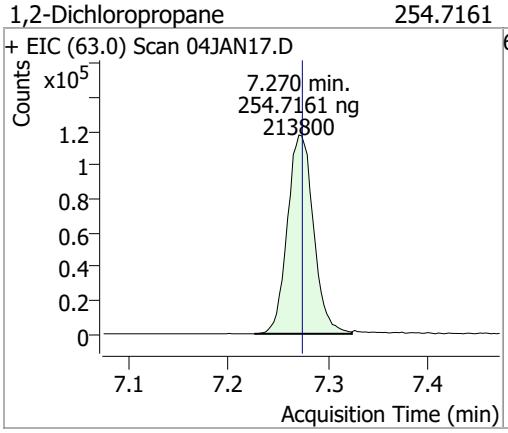
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	262.2931	7.03	0.00	250285	130.0	101.7	71.5	131.5
					97.0	64.5	34.1	94.1

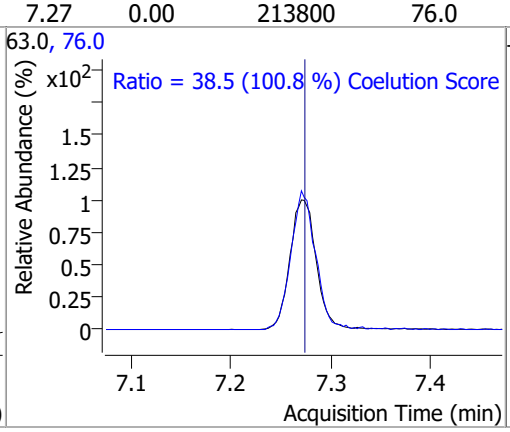


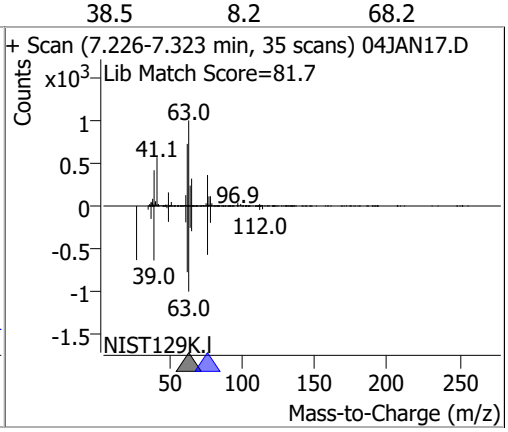




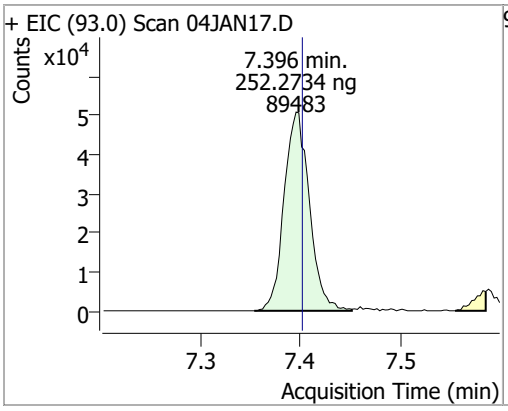
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	254.7161	7.27	0.00	213800	76.0	38.5	8.2	68.2

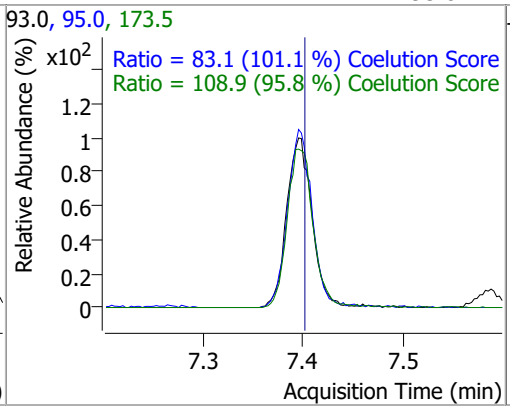


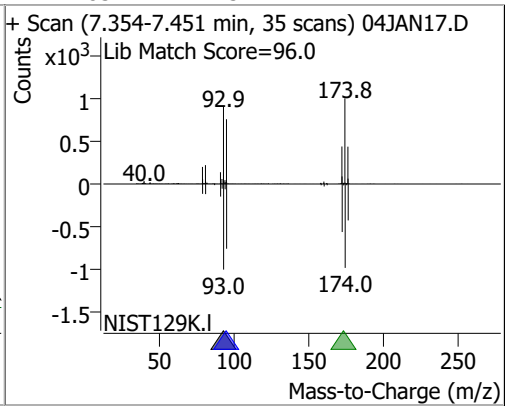




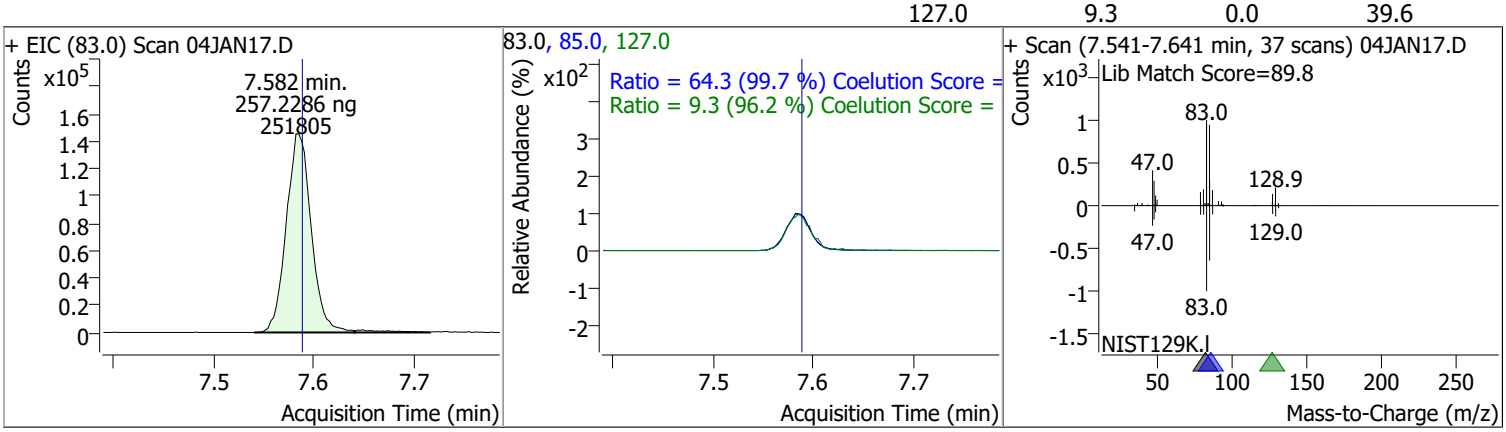
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	252.2734	7.40	0.00	89483	173.5	108.9	83.7	143.7
					95.0	83.1	52.2	112.2



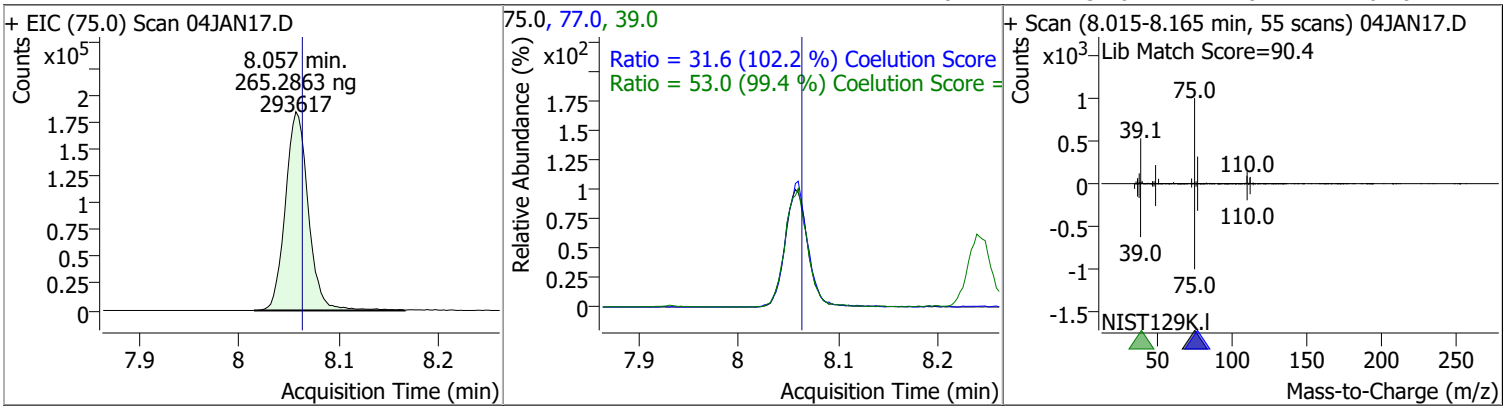




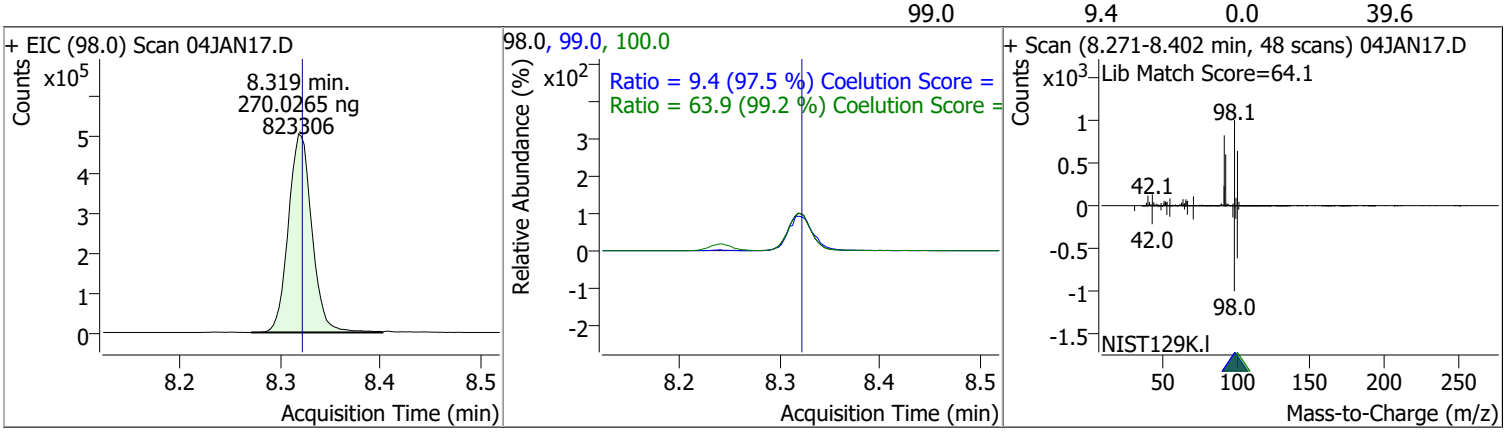
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	257.2286	7.58	0.00	251805	85.0	64.3	34.5	94.5
					127.0	9.3	0.0	39.6



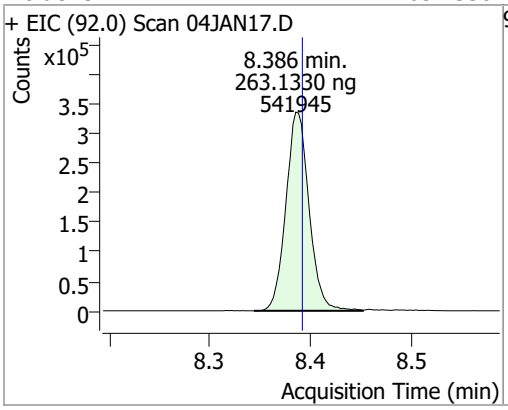
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	265.2863	8.06	0.00	293617	39.0	53.0	23.3	83.3
					77.0	31.6	1.0	61.0

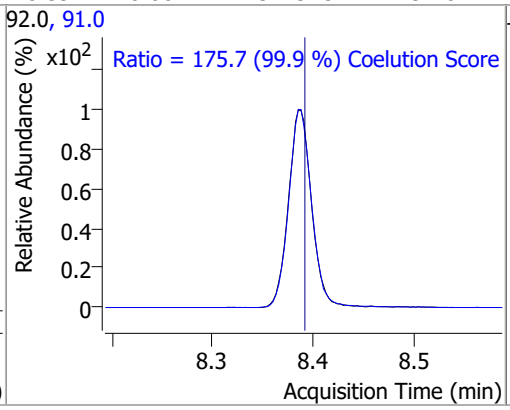


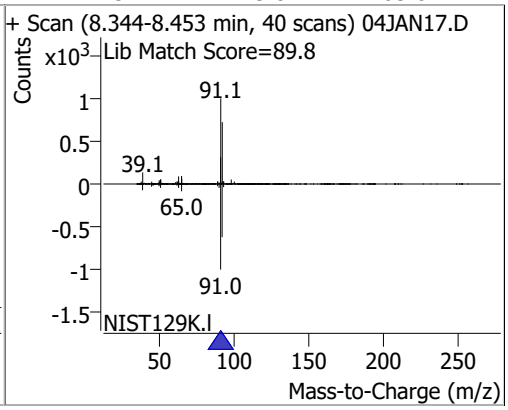
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	270.0265	8.32	0.00	823306	100.0	63.9	34.4	94.4
					99.0	9.4	0.0	39.6



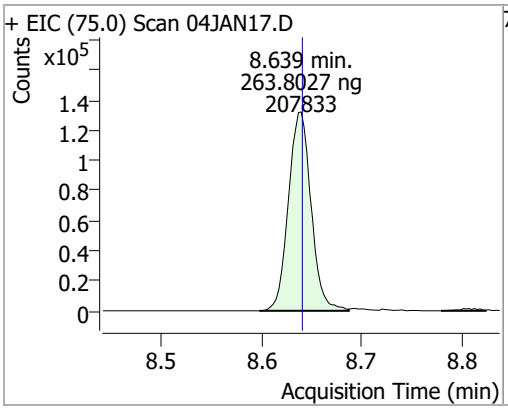
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	263.1330	8.39	0.00	541945	91.0	175.7	145.8	205.8

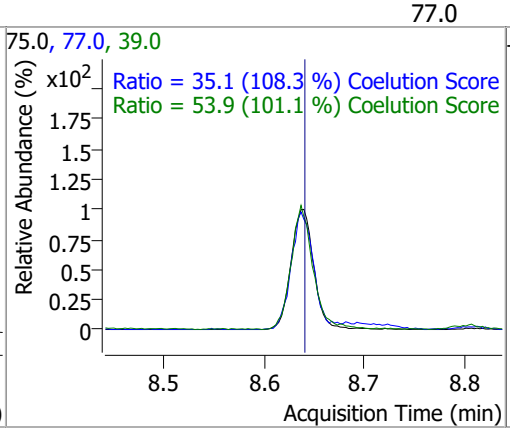


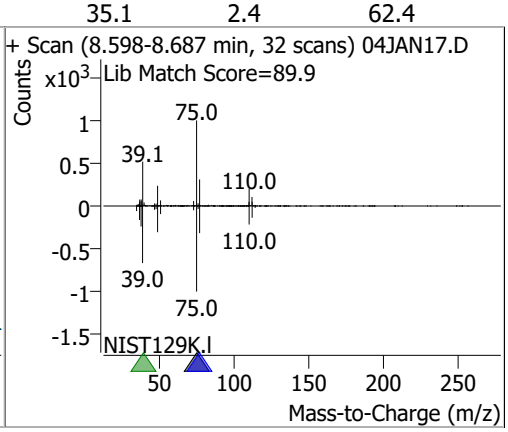




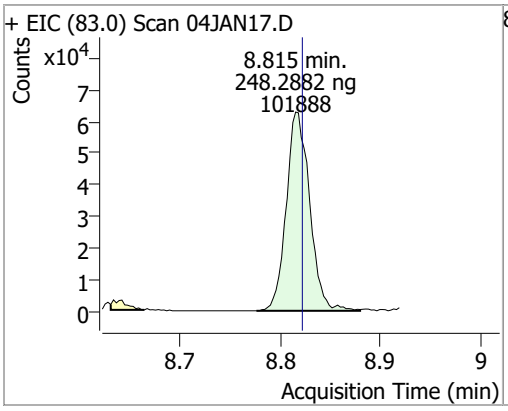
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	263.8027	8.64	0.00	207833	39.0	53.9	23.4	83.4
					77.0	35.1	2.4	62.4

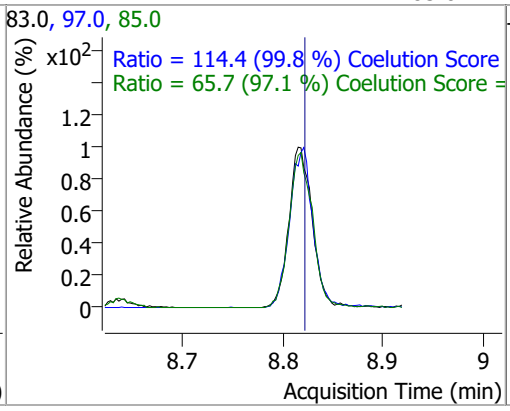


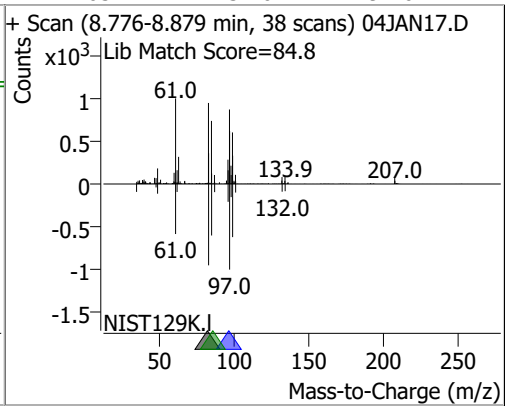




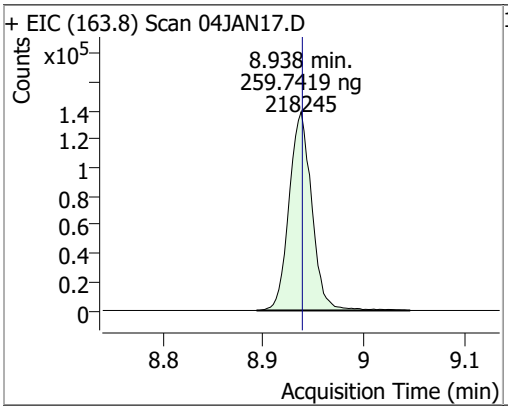
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	248.2882	8.82	0.00	101888	97.0	114.4	84.6	144.6
					85.0	65.7	37.6	97.6

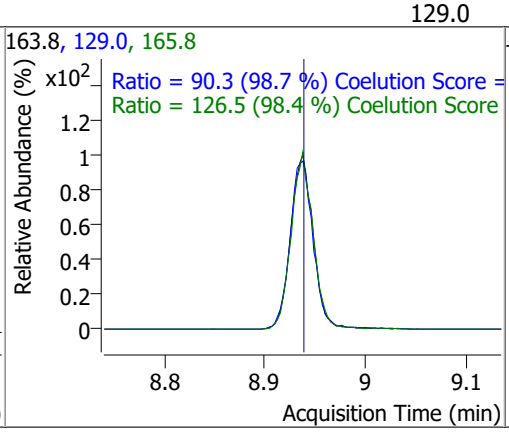


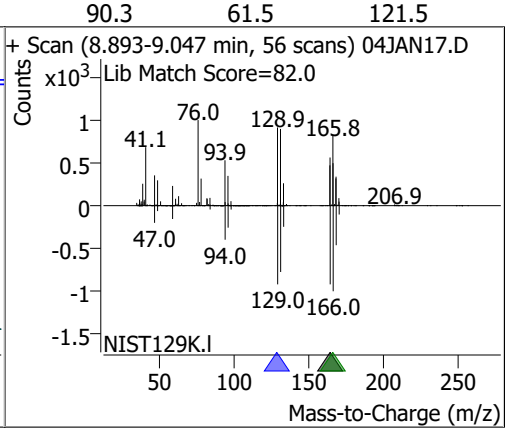




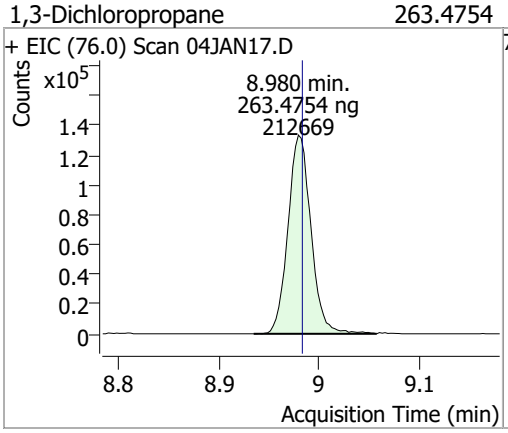
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	259.7419	8.94	0.00	218245	165.8	126.5	98.6	158.6
					129.0	90.3	61.5	121.5

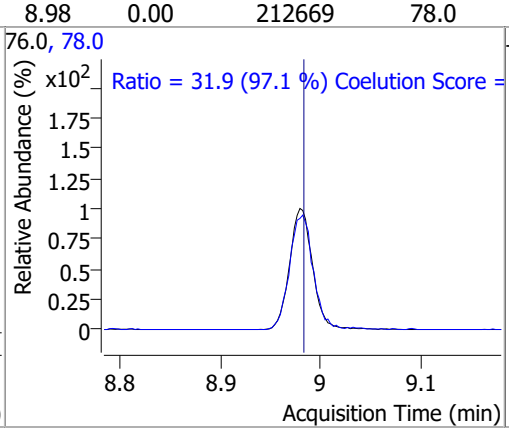


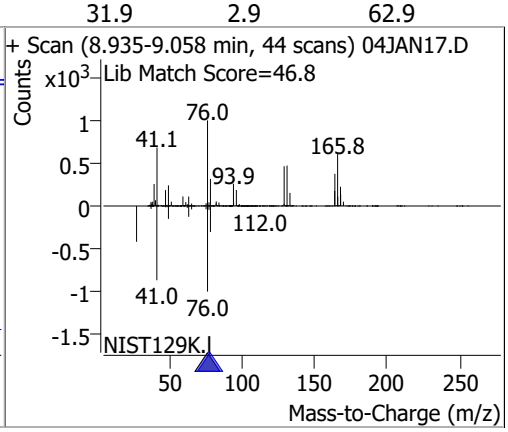




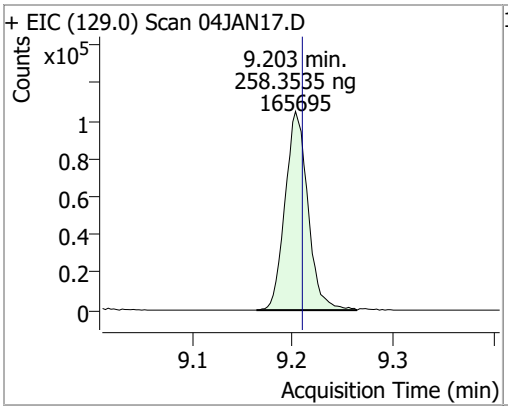
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	263.4754	8.98	0.00	212669	78.0	31.9	2.9	62.9

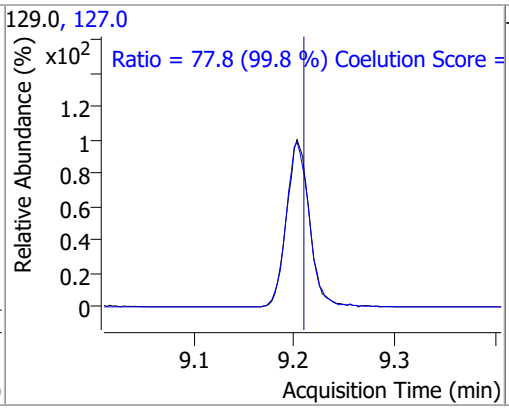


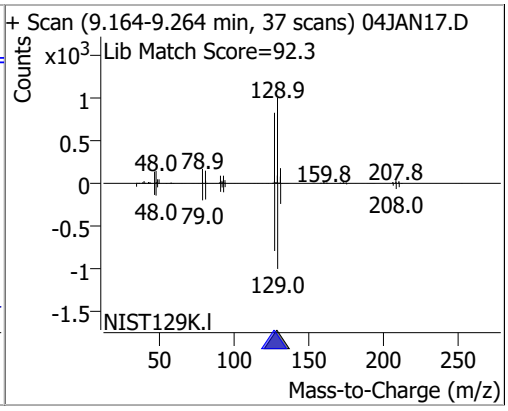




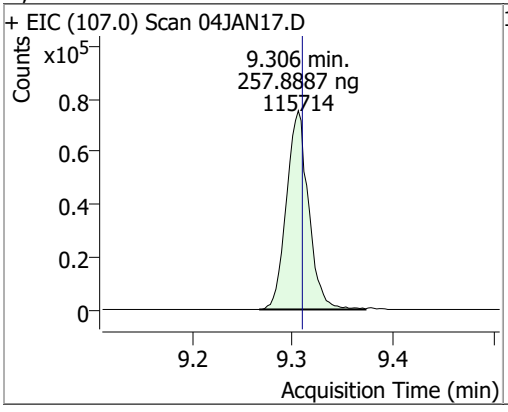
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	258.3535	9.20	0.00	165695	127.0	77.8	48.0	108.0

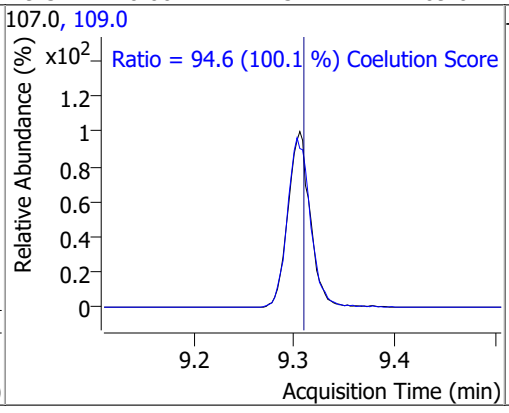


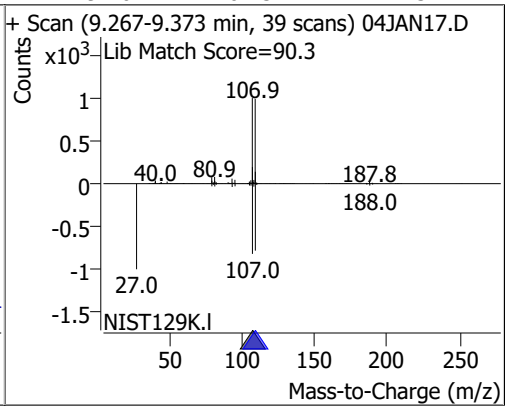




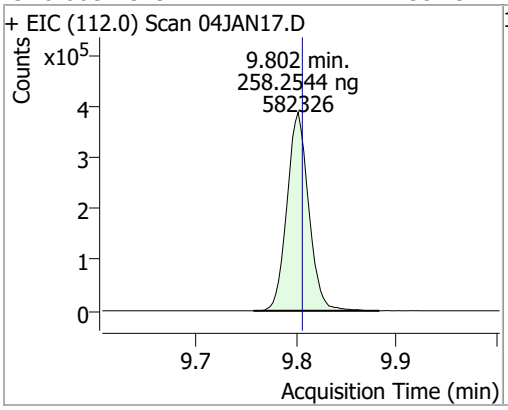
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	257.8887	9.31	0.00	115714	109.0	94.6	64.5	124.5

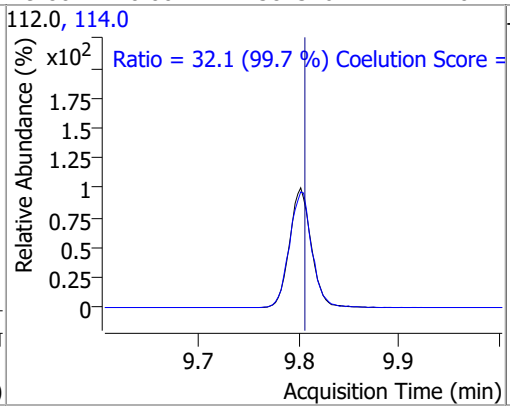


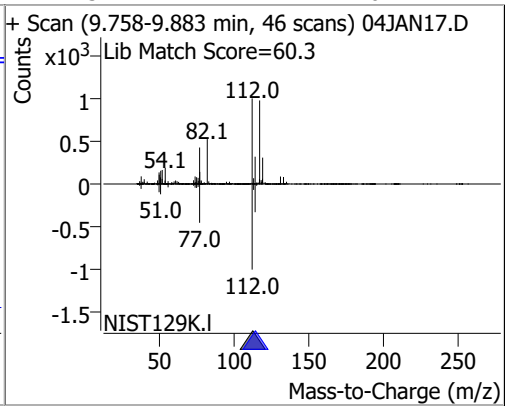




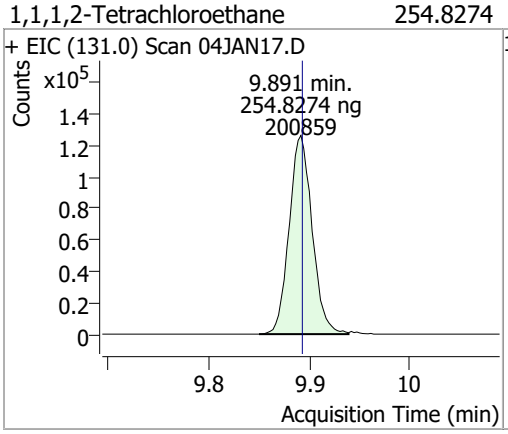
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	258.2544	9.80	0.00	582326	114.0	32.1	2.1	62.1

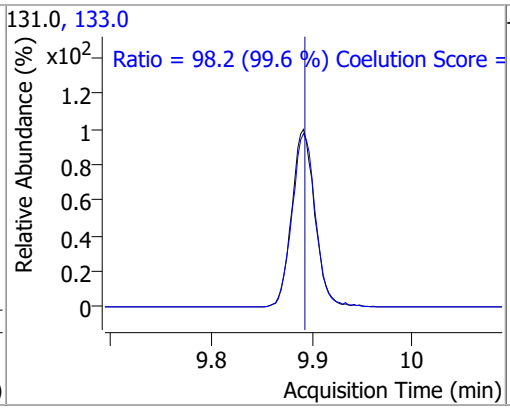


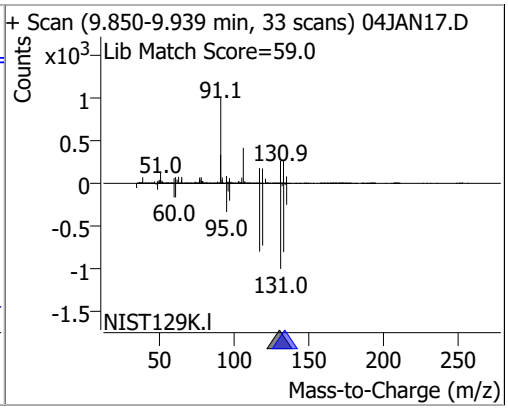




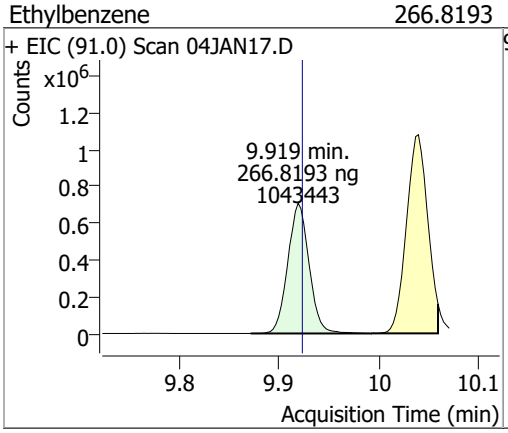
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	254.8274	9.89	0.00	200859	133.0	98.2	68.6	128.6

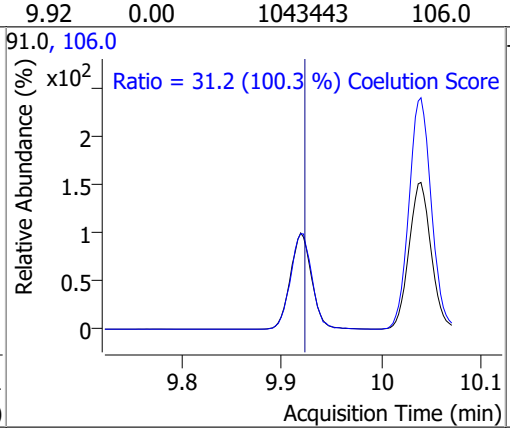


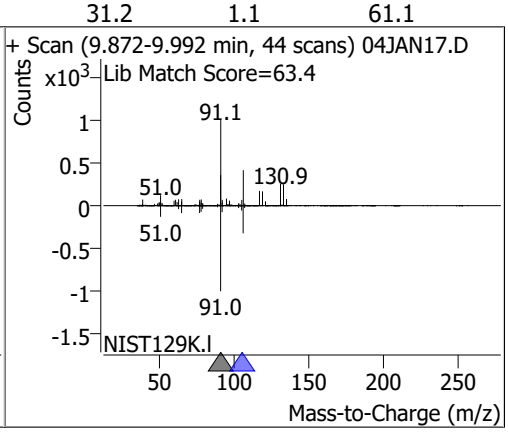




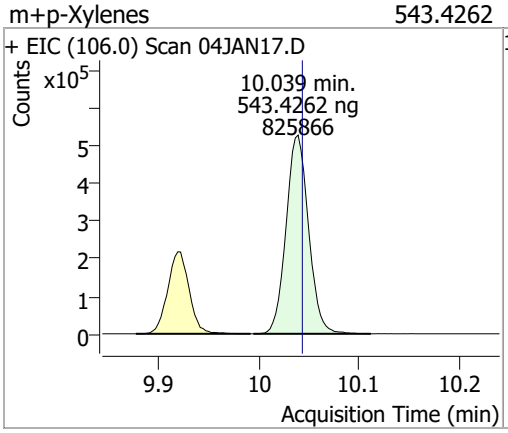
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	266.8193	9.92	0.00	1043443	106.0	31.2	1.1	61.1

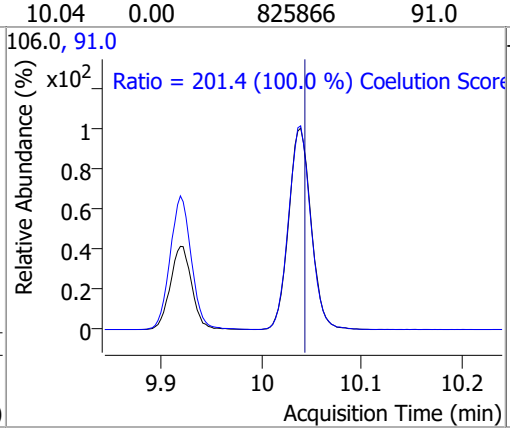


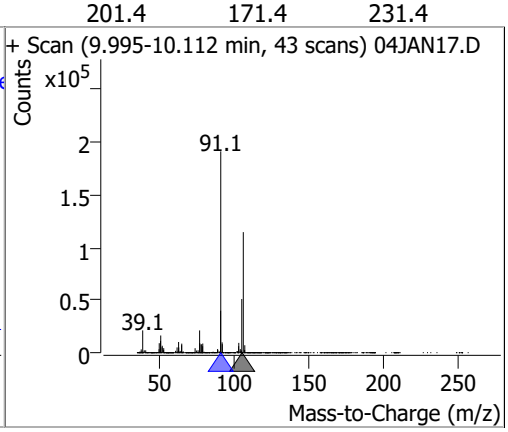




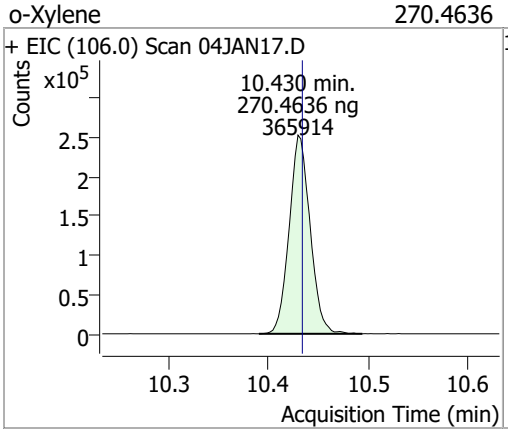
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	543.4262	10.04	0.00	825866	91.0	201.4	171.4	231.4

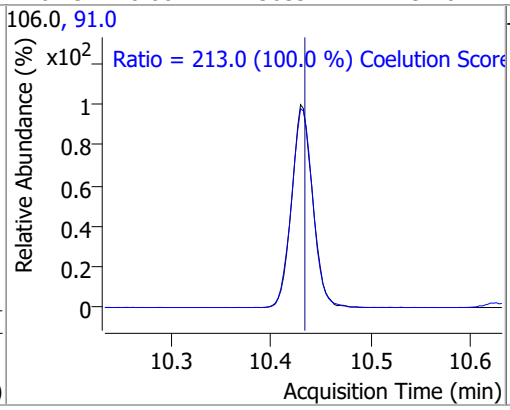


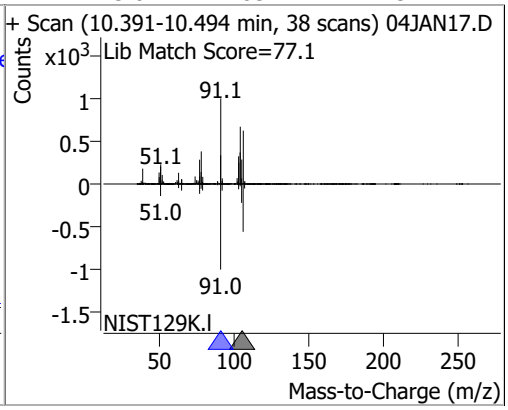




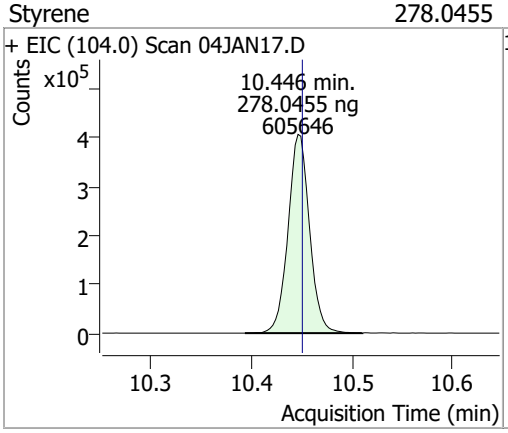
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	270.4636	10.43	0.00	365914	91.0	213.0	183.1	243.1

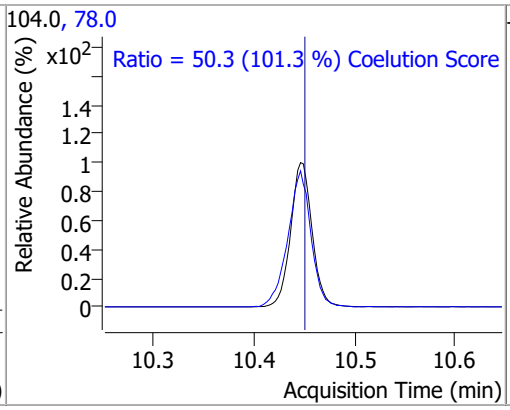


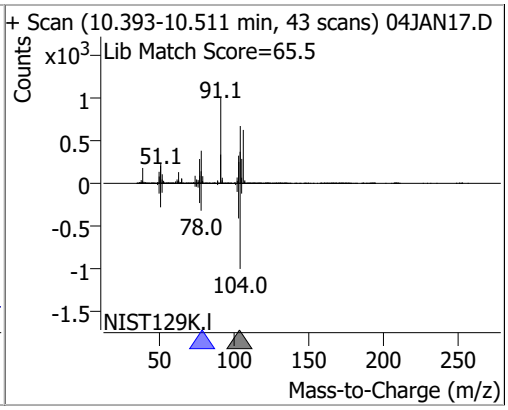




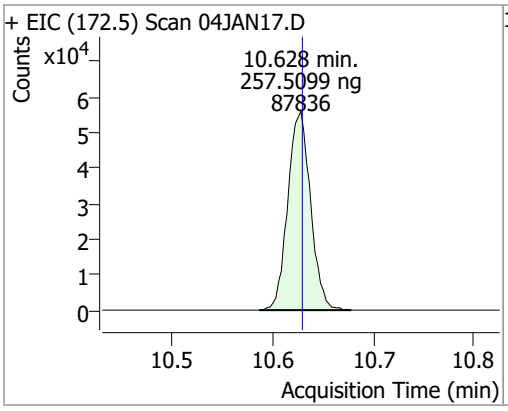
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	278.0455	10.45	0.00	605646	78.0	50.3	19.6	79.6

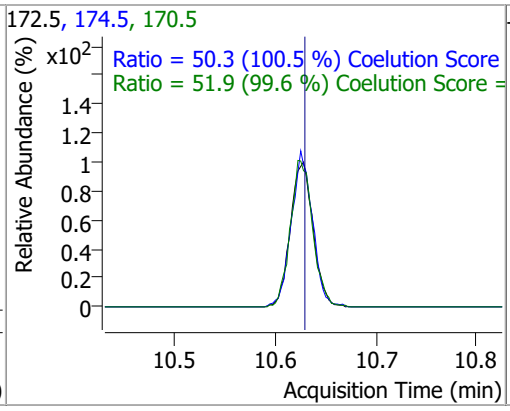


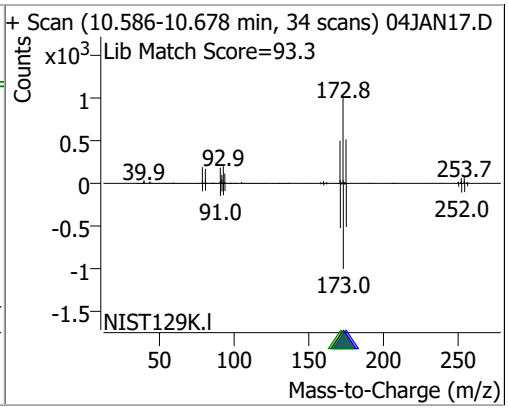




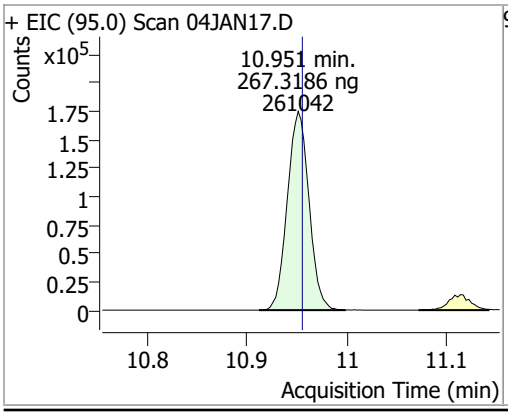
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	257.5099	10.63	0.00	87836	170.5	51.9	22.1	82.1
					174.5	50.3	20.1	80.1

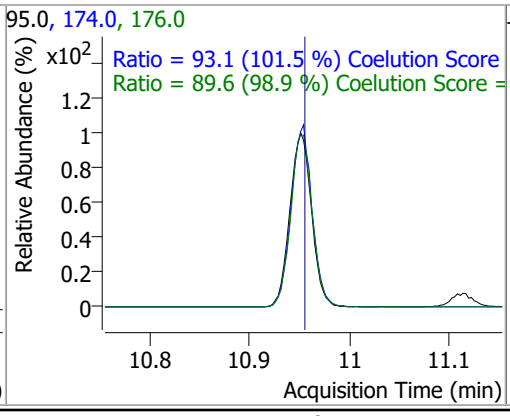


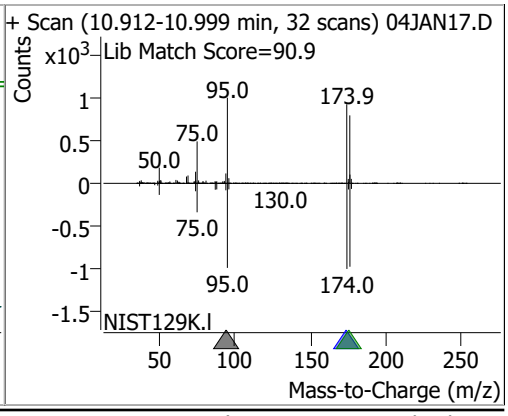




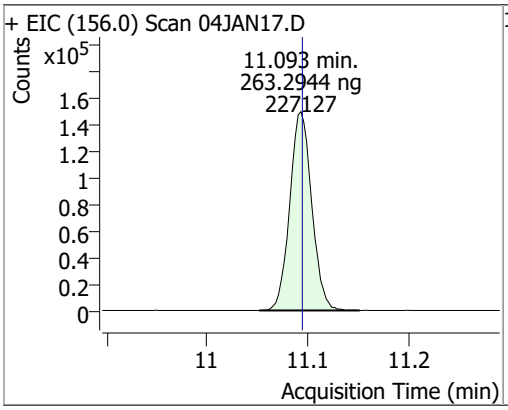
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	267.3186	10.95	0.00	261042	174.0	93.1	61.7	121.7
					176.0	89.6	60.6	120.6

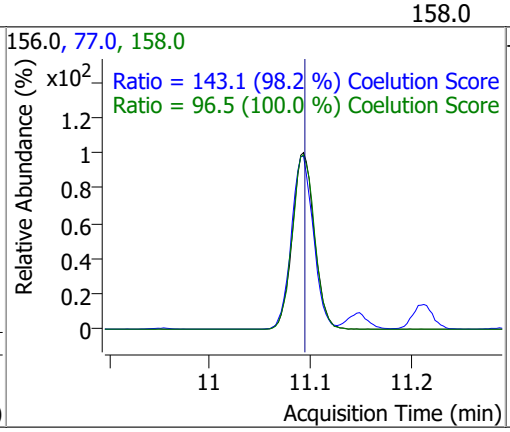


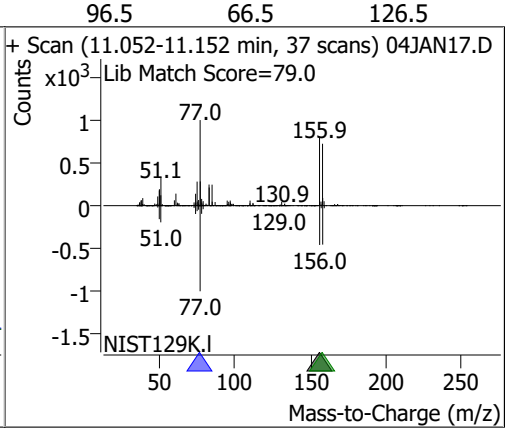




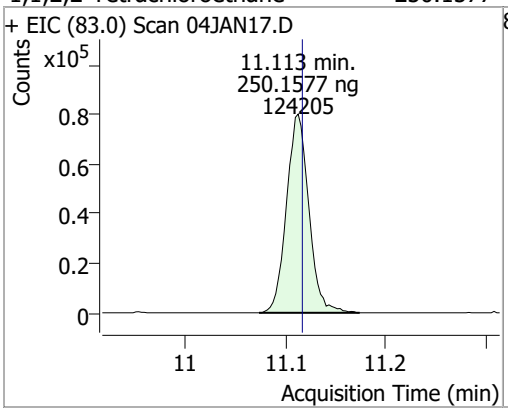
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	263.2944	11.09	0.00	227127	77.0	143.1	115.7	175.7
					158.0	96.5	66.5	126.5

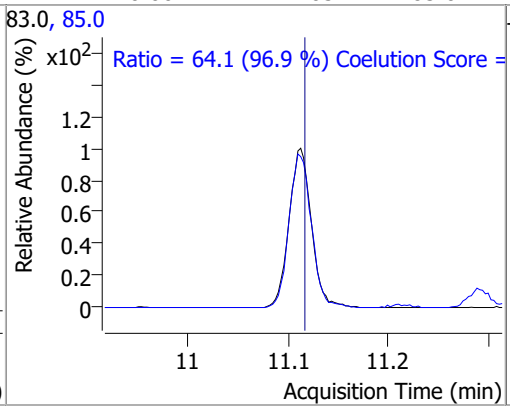


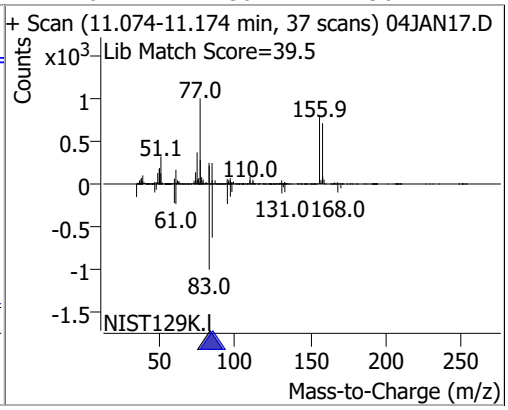




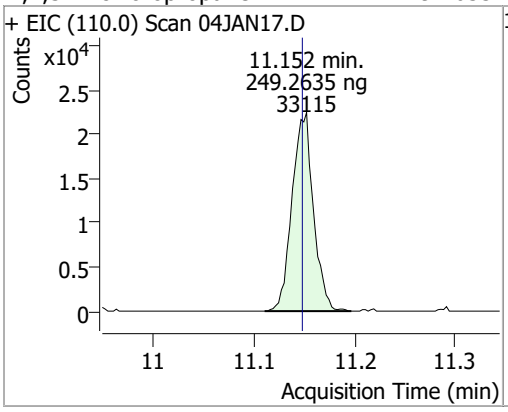
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	250.1577	11.11	0.00	124205	85.0	64.1	36.2	96.2

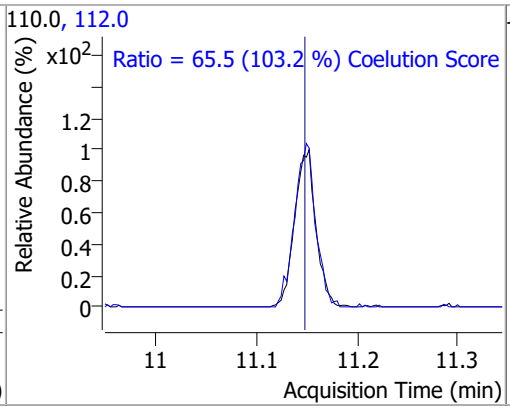


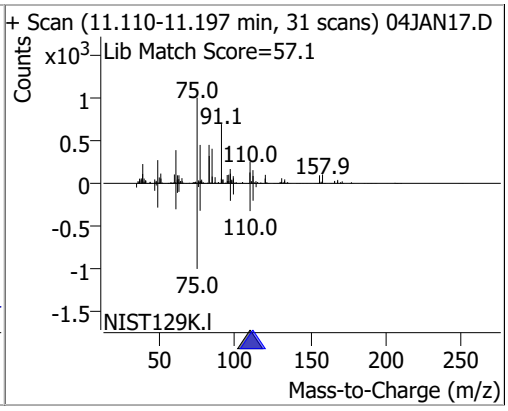




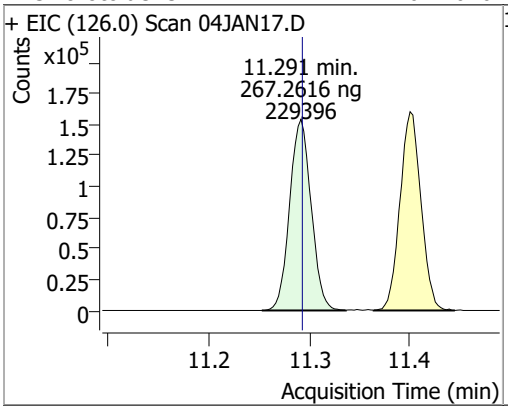
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	249.2635	11.15	0.01	33115	112.0	65.5	33.5	93.5

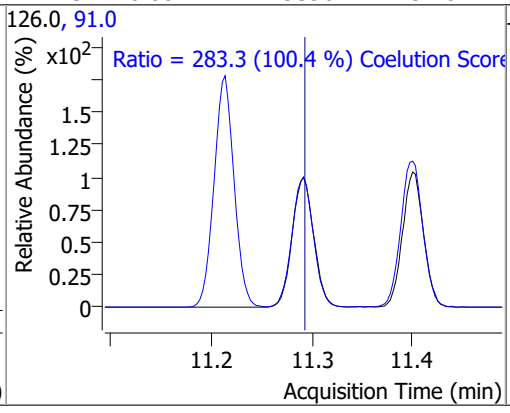


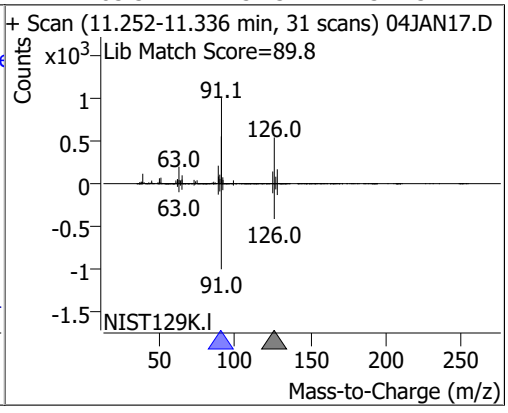




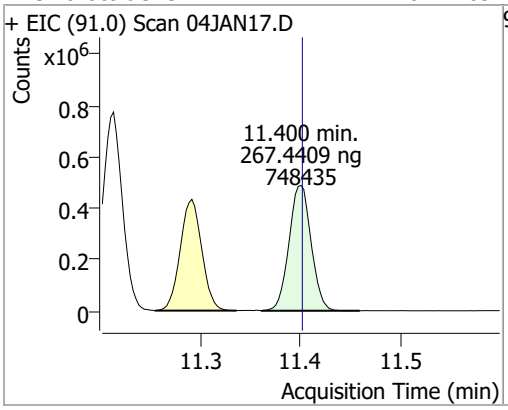
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	267.2616	11.29	0.00	229396	91.0	283.3	252.3	312.3

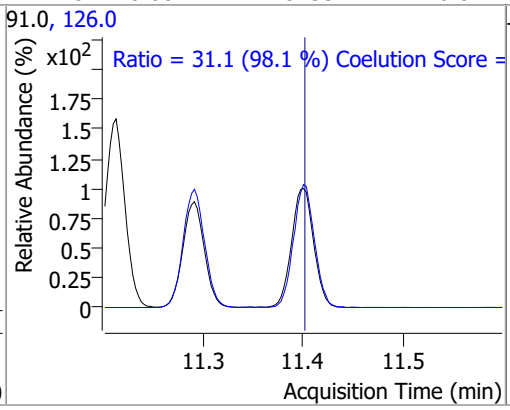


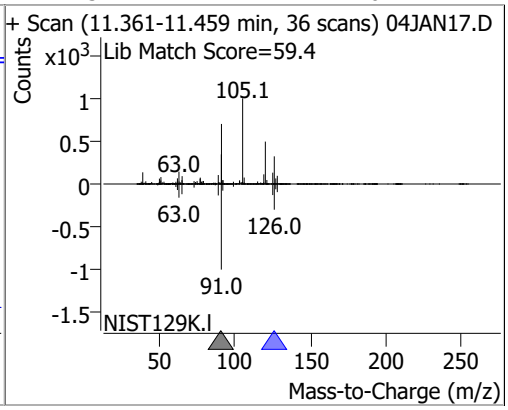




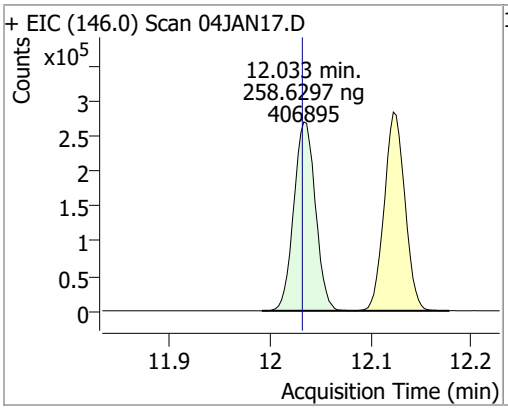
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	267.4409	11.40	0.00	748435	126.0	31.1	1.7	61.7

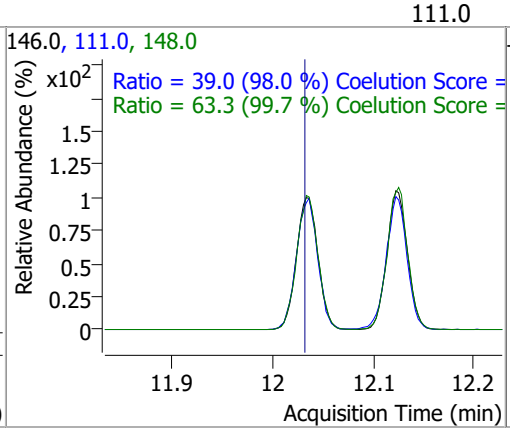


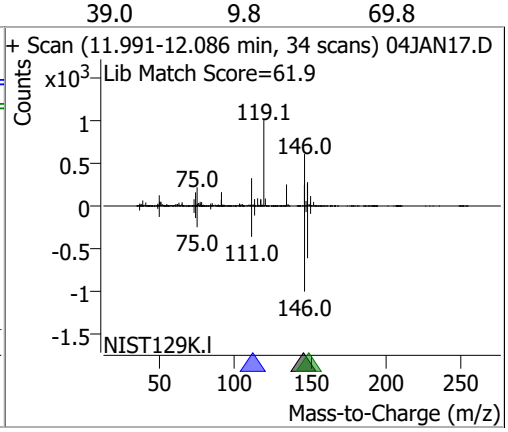




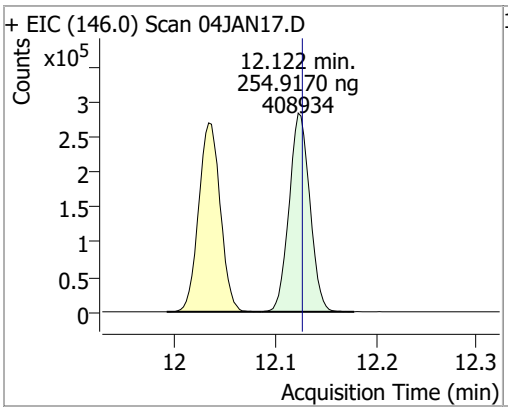
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	258.6297	12.03	0.00	406895	148.0	63.3	33.6	93.6
					111.0	39.0	9.8	69.8

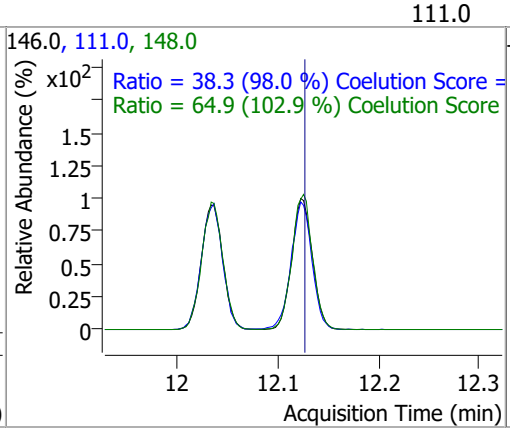


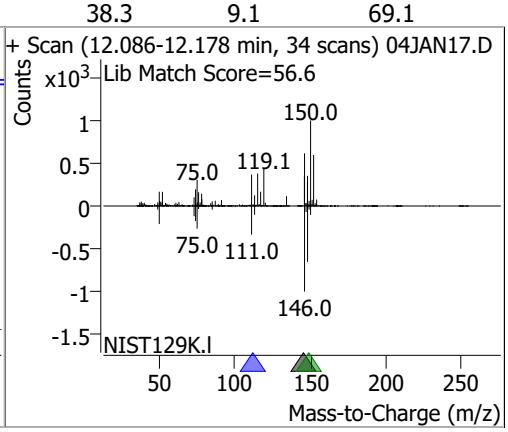




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	254.9170	12.12	0.00	408934	148.0	64.9	33.1	93.1
					111.0	38.3	9.1	69.1

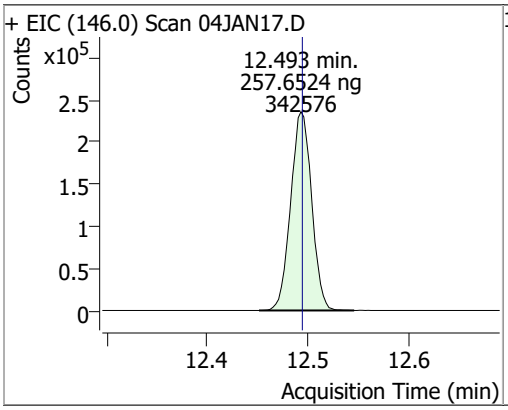


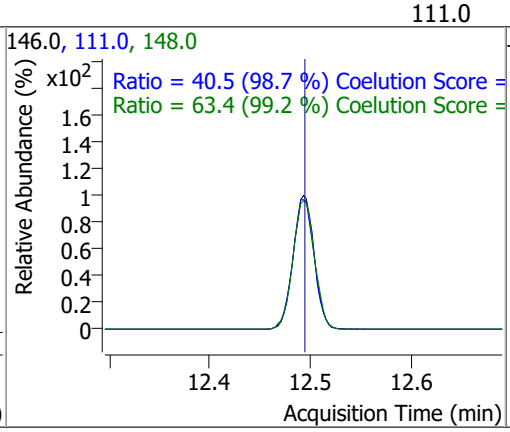


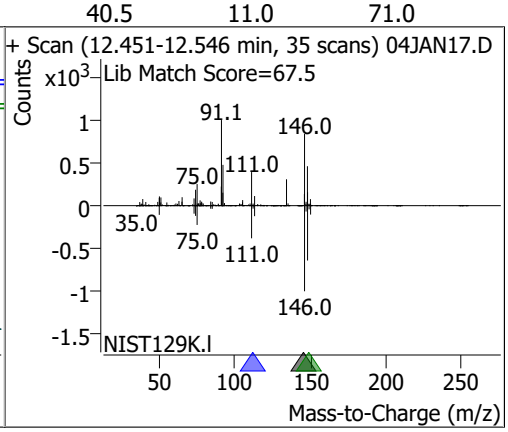


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	257.6524	12.49	0.00	342576	148.0	63.4	33.9	93.9
					111.0	40.5	11.0	71.0







Quantitation Results Report (QT Reviewed)

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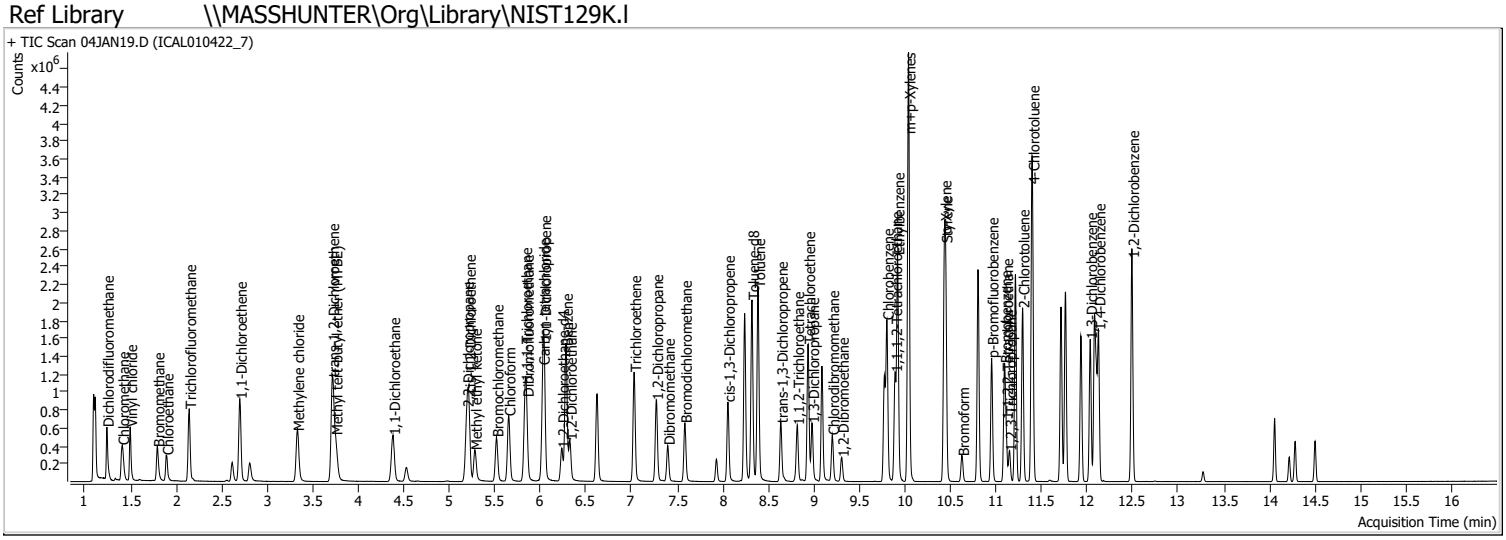
Data File	04JAN19.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 7:39:45 PM
Sample Name	ICAL010422_7	Instrument	VOA5975C
Vial	19	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

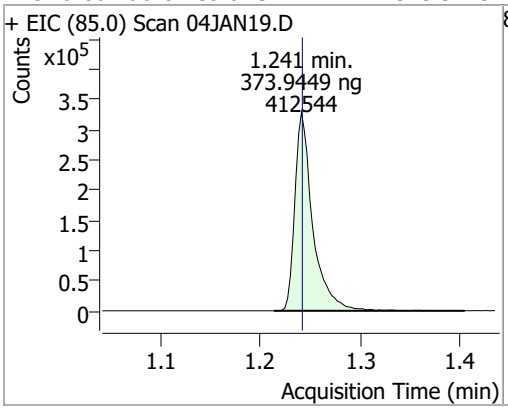


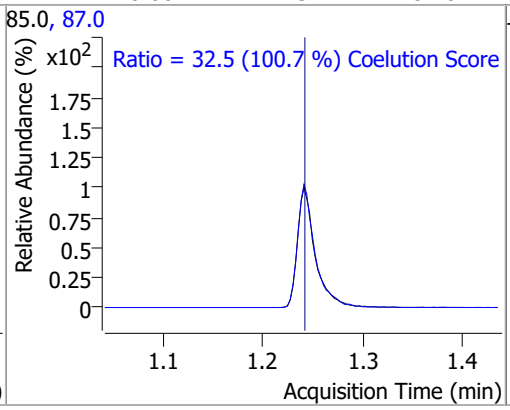
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	841876	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	314668	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	266611	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	305158	384.7503	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 153.90%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	129608	378.3335	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 151.33%		*	
S Toluene-d8	8.322	98.0	1229775	405.5583	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 162.22%		*	
S p-Bromofluorobenzene	10.951	95.0	385474	394.6566	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 157.86%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	412544	373.9449	ng		100
T Chloromethane	1.409	50.0	471454	352.0836	ng		99
T Vinyl chloride	1.498	62.0	448643	372.3564	ng		95
T Bromomethane	1.796	96.0	207491	385.1259	ng		98
T Chloroethane	1.897	64.0	217393	364.4573	ng		99
T Trichlorofluoromethane	2.145	101.0	555477	371.4290	ng		98
T 1,1-Dichloroethene	2.700	96.0	322557	380.3725	ng		100
T Methylene chloride	3.330	49.0	435116	348.0666	ng		99
T trans-1,2-Dichloroethene	3.715	96.0	325415	376.1367	ng		97
T Methyl tert-butyl ether (MTBE)	3.751	73.0	437439	391.1767	ng		100
T 1,1-Dichloroethane	4.381	63.0	612660	380.4437	ng		99
T 2,2-Dichloropropane	5.190	77.0	446282	369.8436	ng		100
T cis-1,2-Dichloroethene	5.212	96.0	339211	386.7236	ng		97
T Methyl ethyl ketone	5.279	43.0	470653	3961.3410	ng		100
T Bromochloromethane	5.516	128.0	135103	371.8004	ng		99
T Chloroform	5.650	83.0	588080	366.9389	ng		99

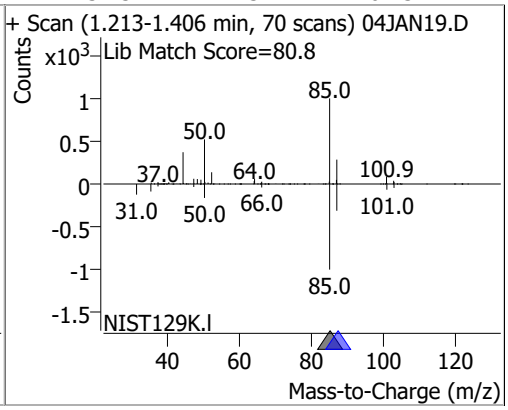
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	580748	386.6625	ng	99
T Carbon tetrachloride	6.024	117.0	572545	386.9014	ng	99
T 1,1-Dichloropropene	6.040	75.0	507157	397.1322	ng	100
T Benzene	6.278	78.0	1293370	385.8526	ng	99
T 1,2-Dichloroethane	6.322	62.0	332775	366.9787	ng	97
T Trichloroethene	7.028	95.0	374370	394.4896	ng	99
T 1,2-Dichloropropane	7.270	63.0	324602	388.8502	ng	98
T Dibromomethane	7.396	93.0	134282	380.6547	ng	96
T Bromodichloromethane	7.585	83.0	375983	386.1940	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	441168	400.7930	ng	99
T Toluene	8.388	92.0	813204	397.0106	ng	100
T trans-1,3-Dichloropropene	8.639	75.0	315063	402.1098	ng	99
T 1,1,2-Trichloroethane	8.818	83.0	152331	373.2534	ng	100
T Tetrachloroethene	8.938	163.8	319950	382.8796	ng	99
T 1,3-Dichloropropane	8.980	76.0	312547	389.3442	ng	99
T Chlorodibromomethane	9.203	129.0	247279	387.6812	ng	99
T 1,2-Dibromoethane	9.306	107.0	168577	377.7698	ng	100
T Chlorobenzene	9.802	112.0	867732	386.9455	ng	100
T 1,1,1,2-Tetrachloroethane	9.892	131.0	307436	392.1859	ng	96
T Ethylbenzene	9.919	91.0	1574219	404.7587	ng	100
T m+p-Xylenes	10.039	106.0	1228570	812.8556	ng	100
T o-Xylene	10.433	106.0	549244	408.2043	ng	100
T Styrene	10.447	104.0	896331	413.7595	ng	99
T Bromoform	10.628	172.5	129038	378.2200	ng	99
T Bromobenzene	11.093	156.0	333431	386.4420	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	182470	367.4276	ng	98
T 1,2,3-Trichloropropane	11.149	110.0	48325	363.6732	ng	100
T 2-Chlorotoluene	11.291	126.0	336386	391.8269	ng	98
T 4-Chlorotoluene	11.400	91.0	1109221	396.2756	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	603674	383.6225	ng	100
T 1,4-Dichlorobenzene	12.125	146.0	595919	371.3969	ng	98
T 1,2-Dichlorobenzene	12.493	146.0	499147	375.3283	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

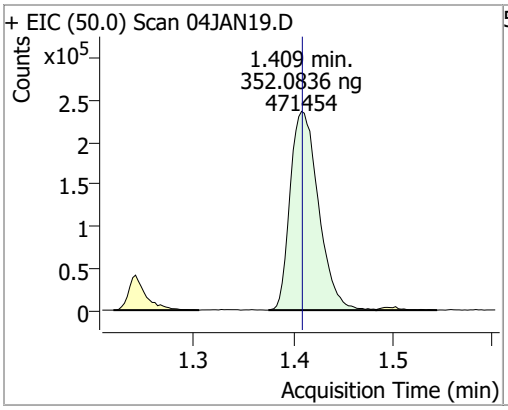
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	373.9449	1.24	0.00	412544	87.0	32.5	2.3	62.3

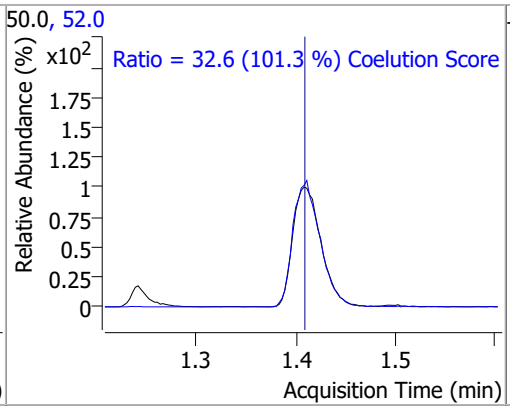


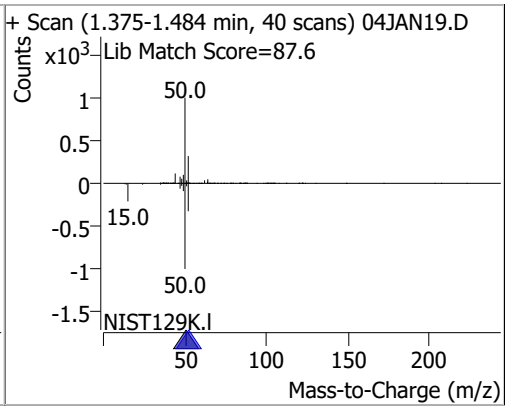




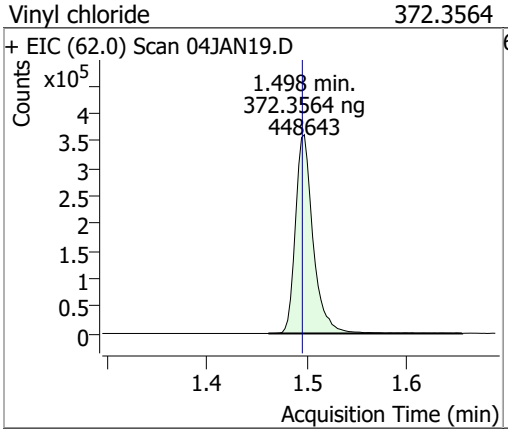
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	352.0836	1.41	0.00	471454	52.0	32.6	2.1	62.1

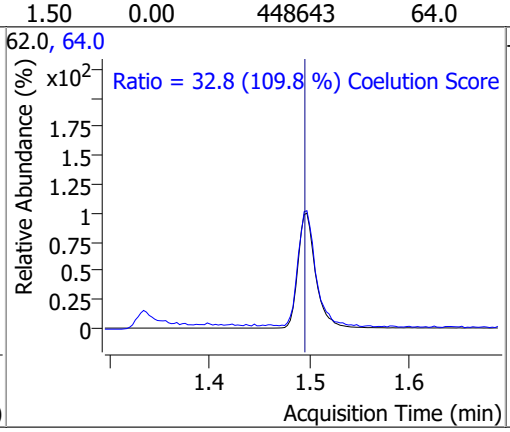


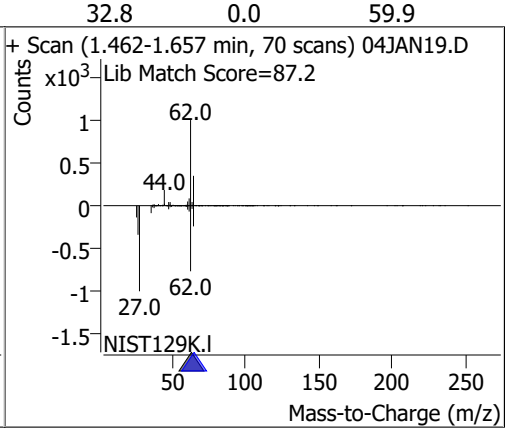




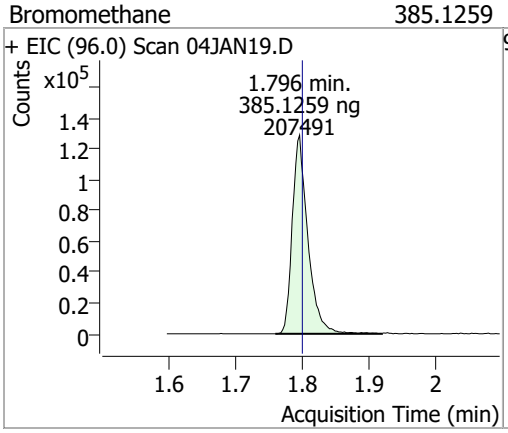
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	372.3564	1.50	0.00	448643	64.0	32.8	0.0	59.9

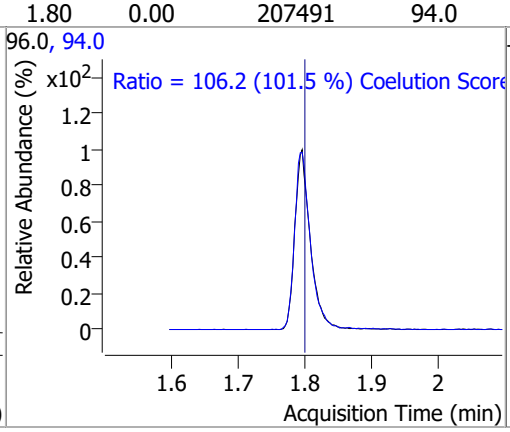


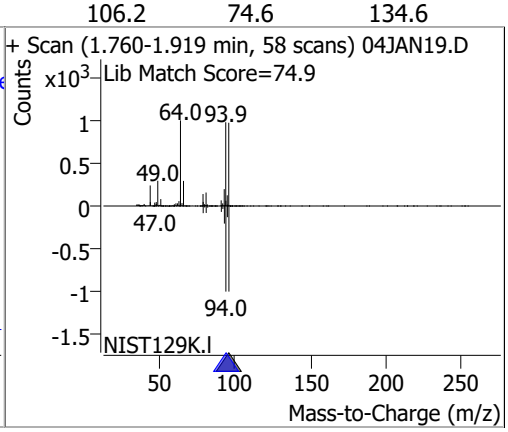




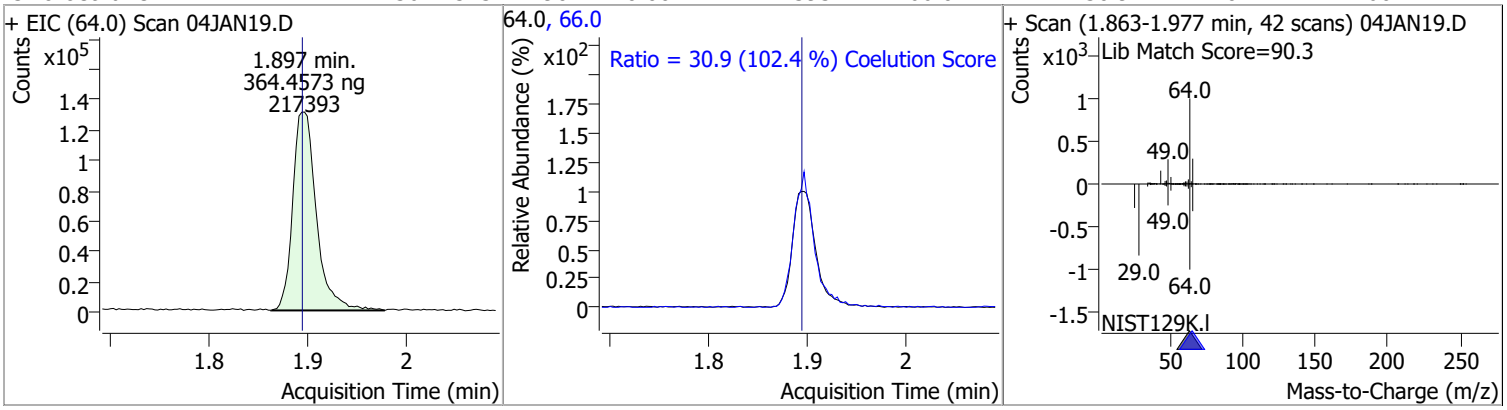
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	385.1259	1.80	0.00	207491	94.0	106.2	74.6	134.6



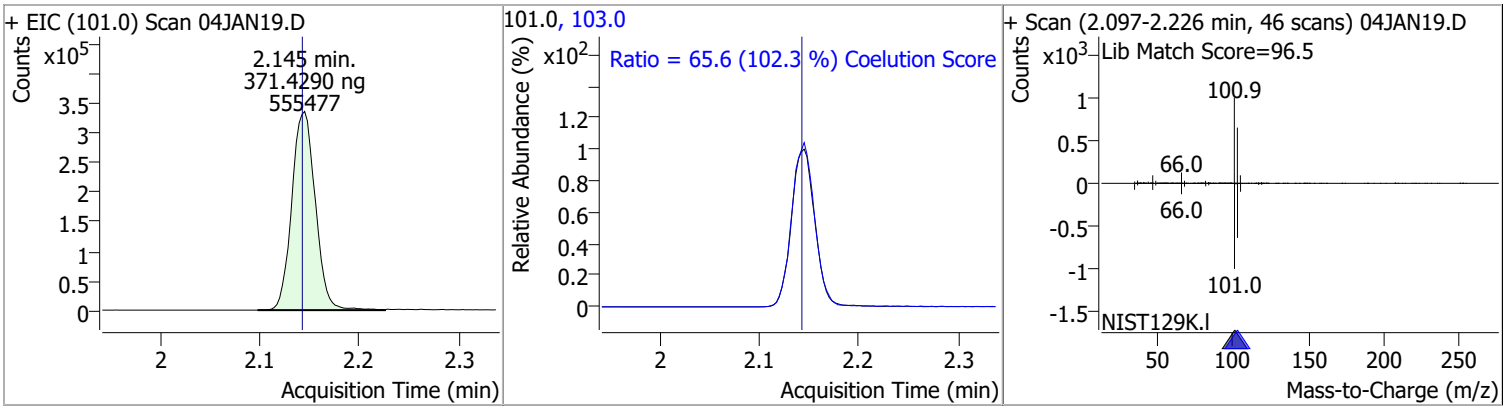




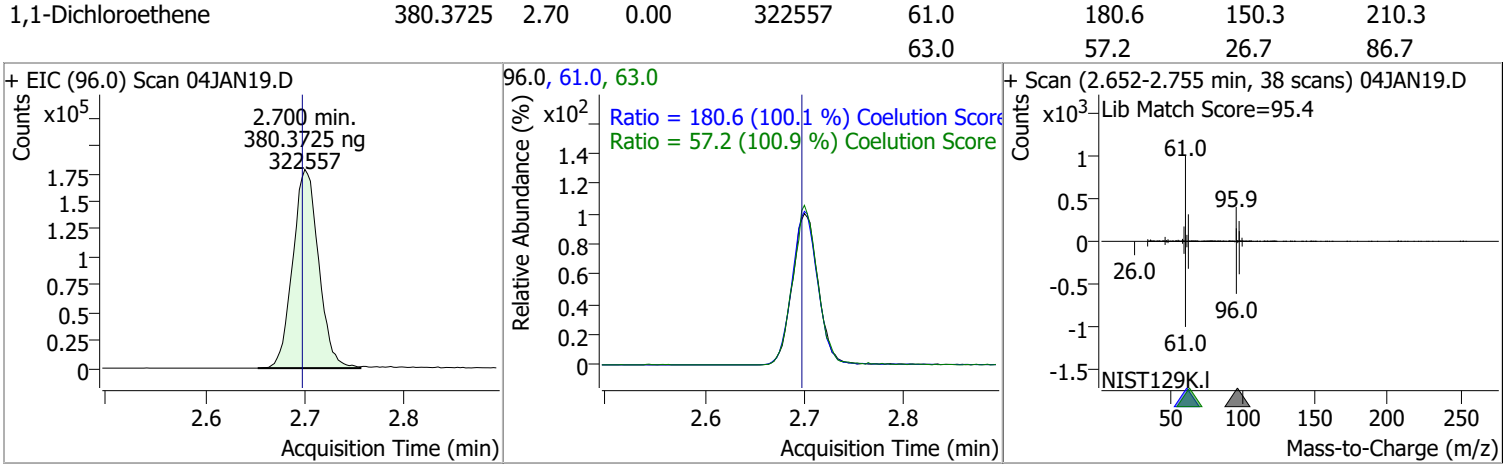
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	364.4573	1.90	0.00	217393	66.0	30.9	0.1	60.1



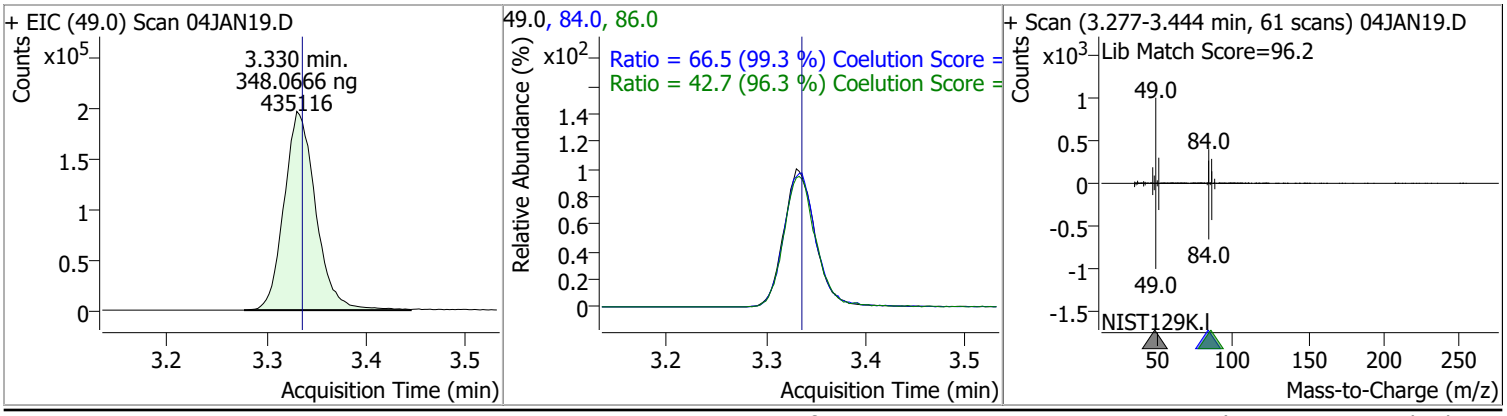
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	371.4290	2.14	0.00	555477	103.0	65.6	34.2	94.2



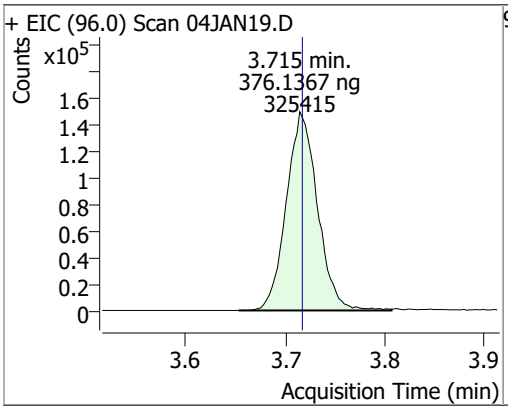
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	380.3725	2.70	0.00	322557	61.0	180.6	150.3	210.3
					63.0	57.2	26.7	86.7

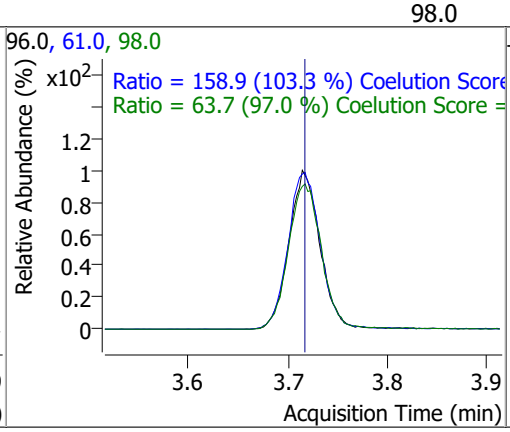


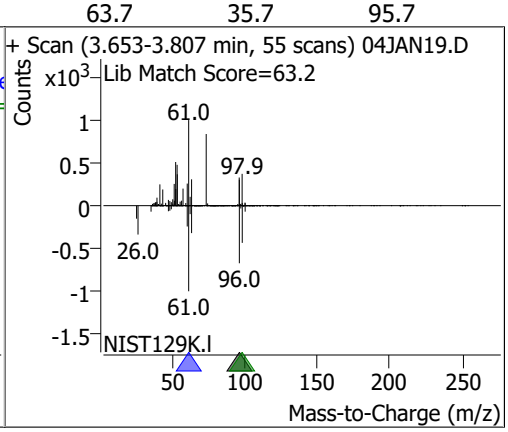
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	348.0666	3.33	-0.01	435116	84.0	66.5	36.9	96.9
					86.0	42.7	14.3	74.3



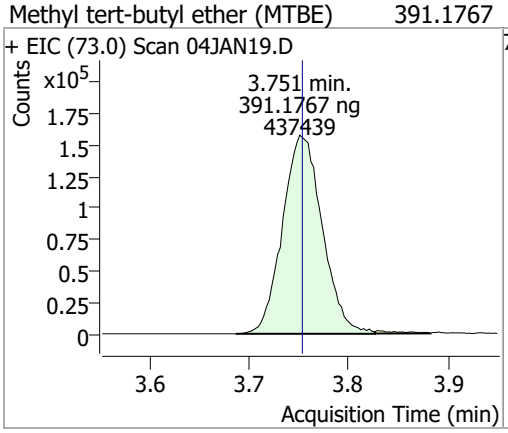
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	376.1367	3.71	0.00	325415	61.0	158.9	123.9	183.9
					98.0	63.7	35.7	95.7

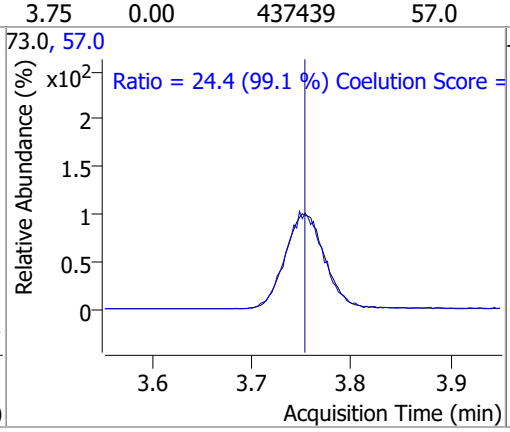


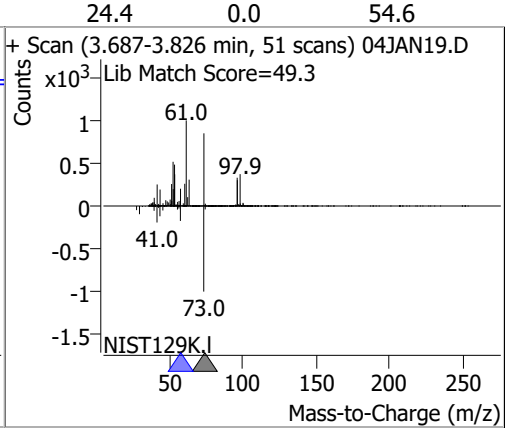




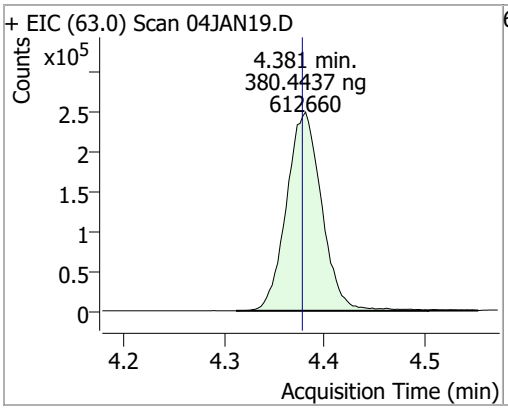
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	391.1767	3.75	0.00	437439	57.0	24.4	0.0	54.6

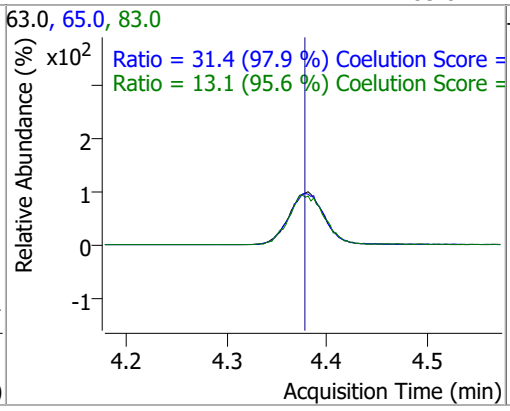


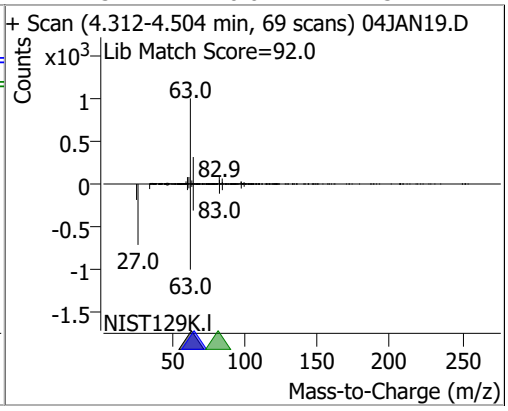




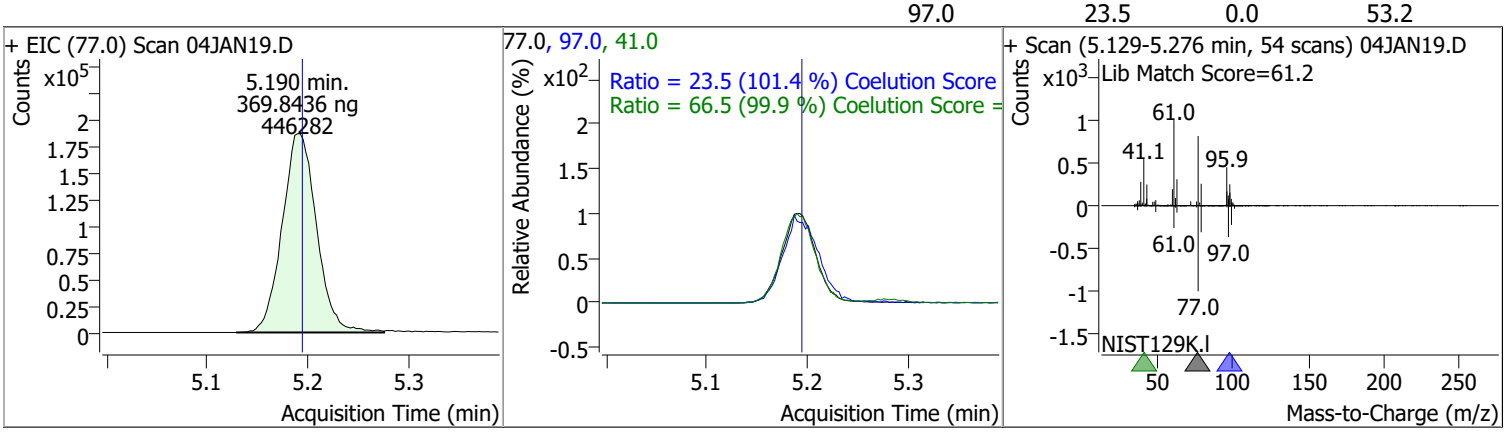
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	380.4437	4.38	0.00	612660	65.0	31.4	2.1	62.1
					83.0	13.1	0.0	43.7



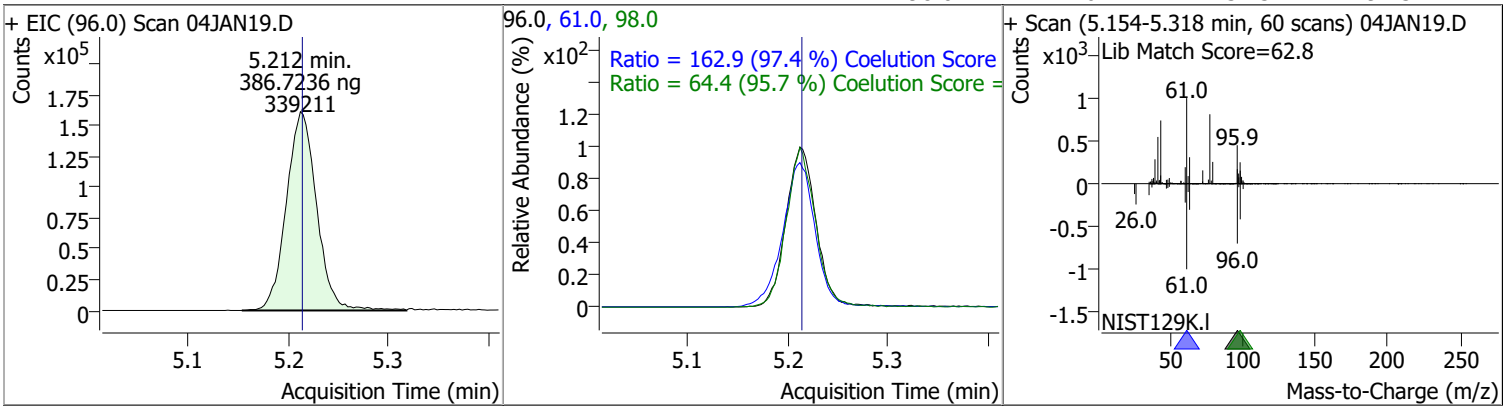




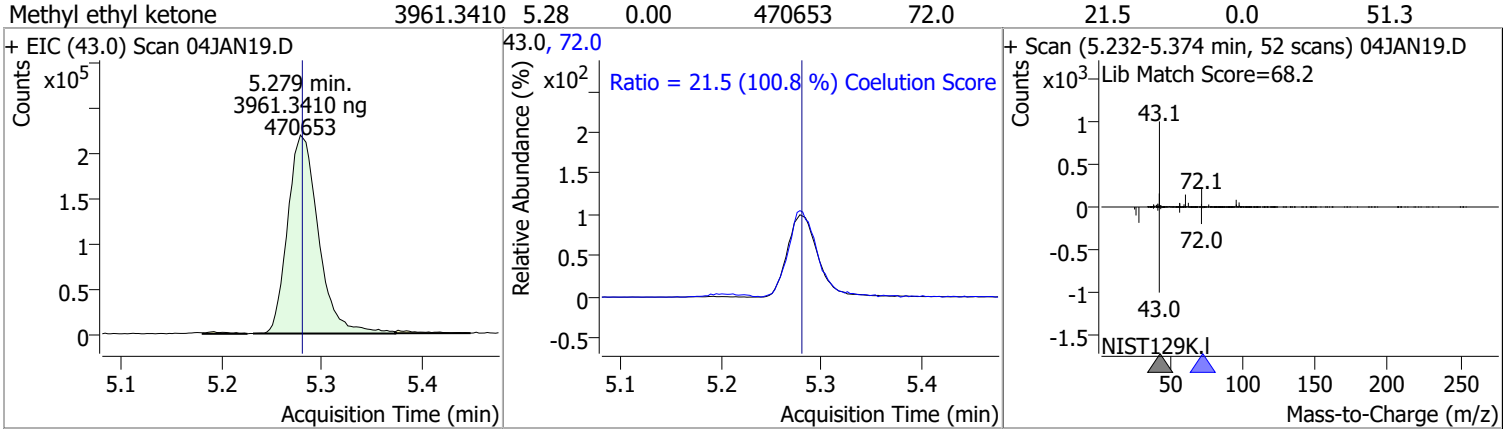
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	369.8436	5.19	-0.01	446282	41.0	66.5	36.5	96.5
					97.0	23.5	0.0	53.2



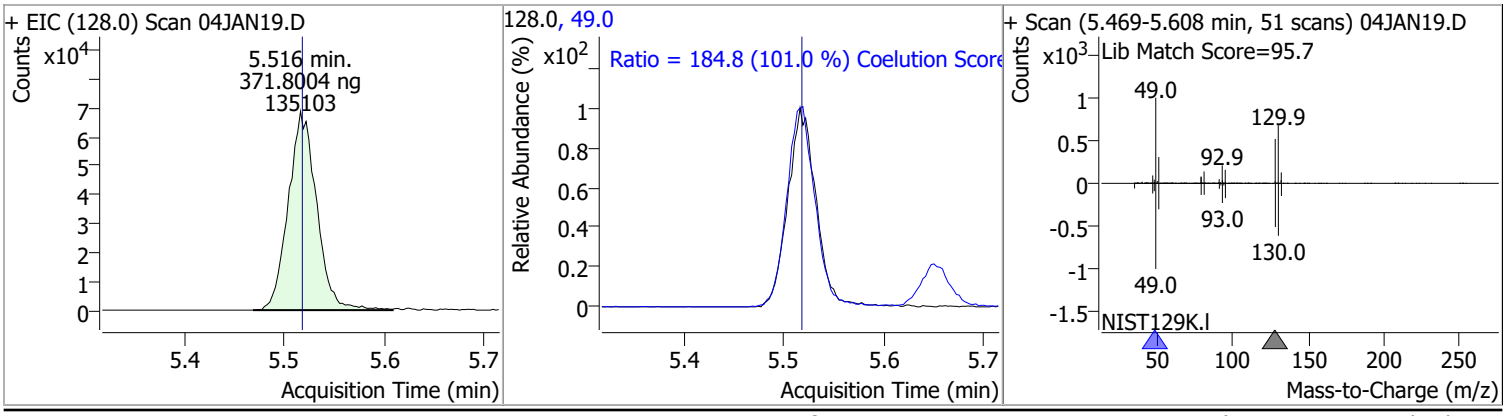
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	386.7236	5.21	0.00	339211	61.0	162.9	137.2	197.2
					98.0	64.4	37.3	97.3



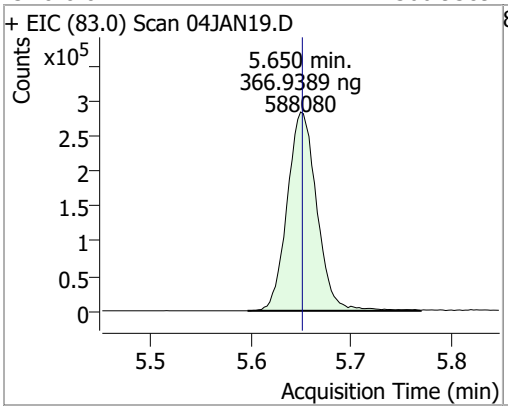
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	3961.3410	5.28	0.00	470653	72.0	21.5	0.0	51.3

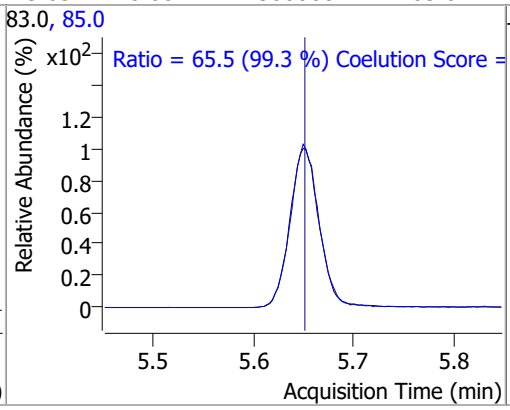


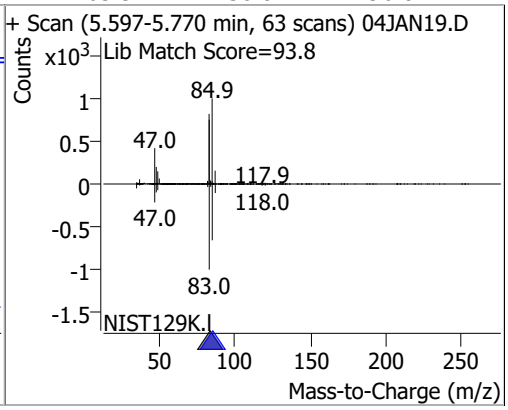
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	371.8004	5.52	0.00	135103	49.0	184.8	152.9	212.9



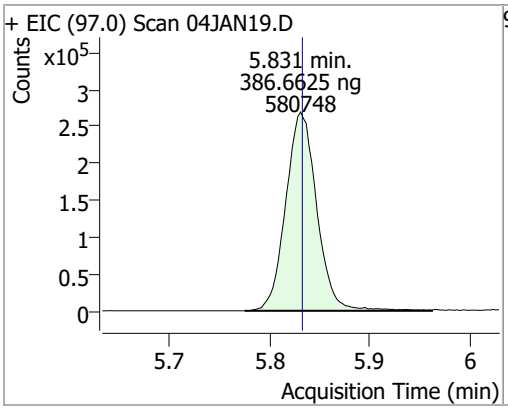
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	366.9389	5.65	0.00	588080	85.0	65.5	36.0	96.0

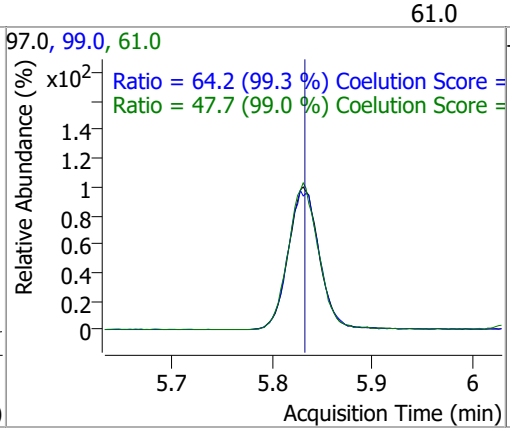


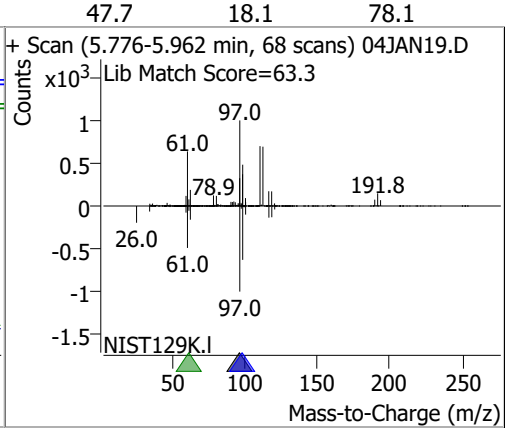




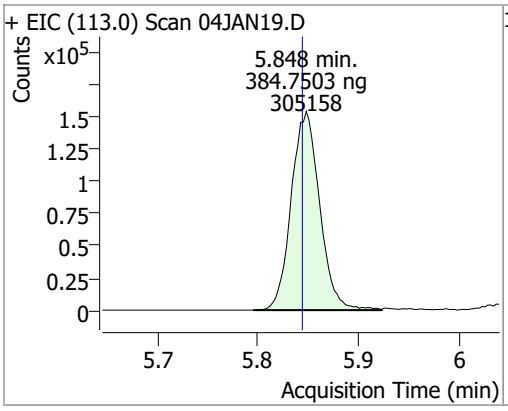
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	386.6625	5.83	0.00	580748	99.0	64.2	34.7	94.7
					61.0	47.7	18.1	78.1

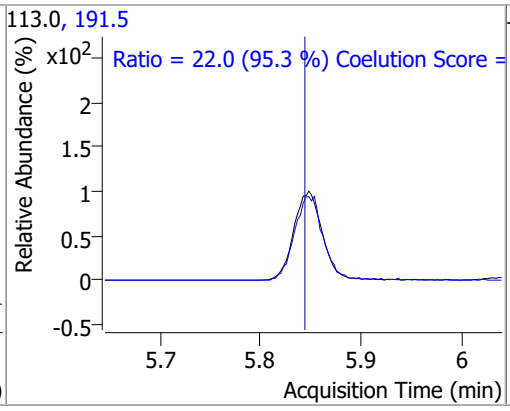


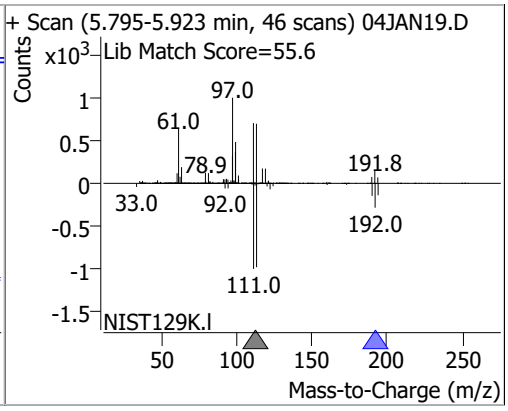




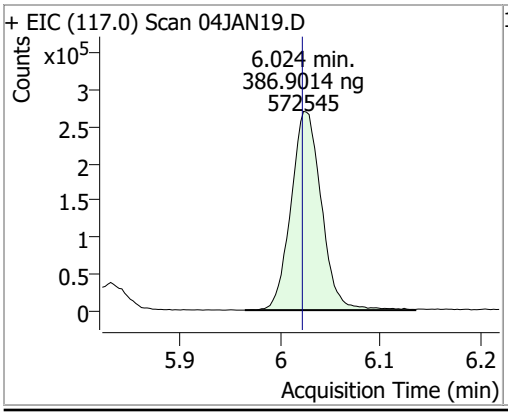
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	384.7503	5.85	0.00	305158	191.5	22.0	0.0	53.1

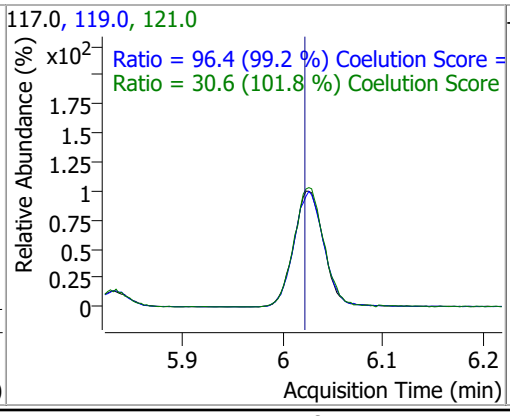


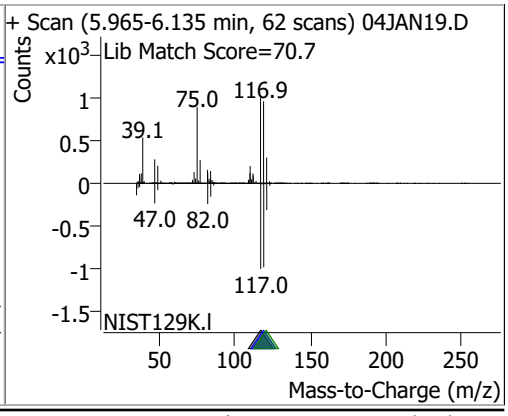




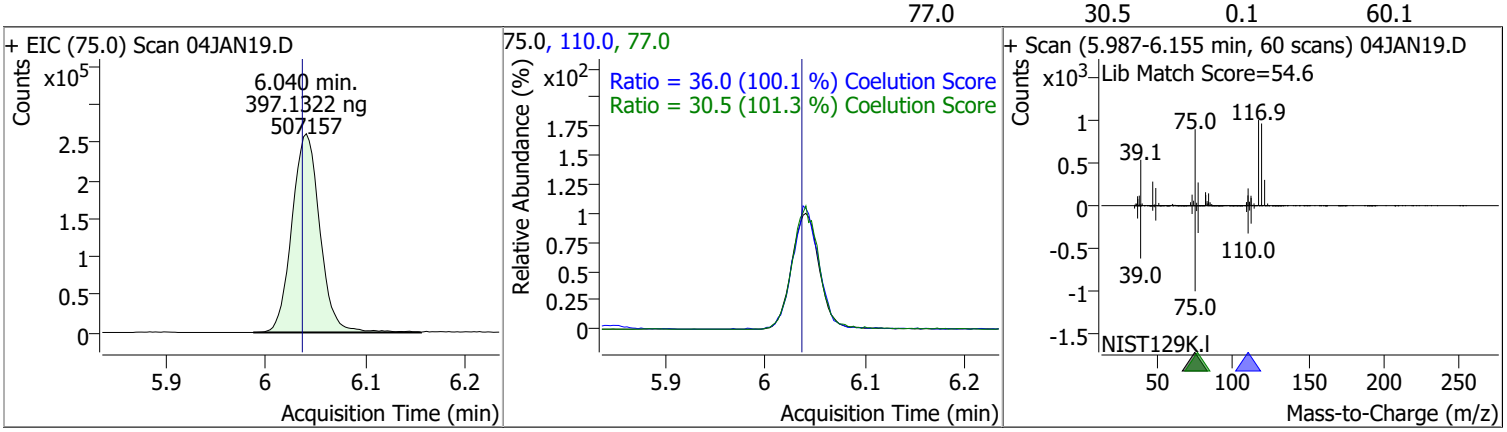
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	386.9014	6.02	0.00	572545	119.0	96.4	67.2	127.2
					121.0	30.6	0.1	60.1



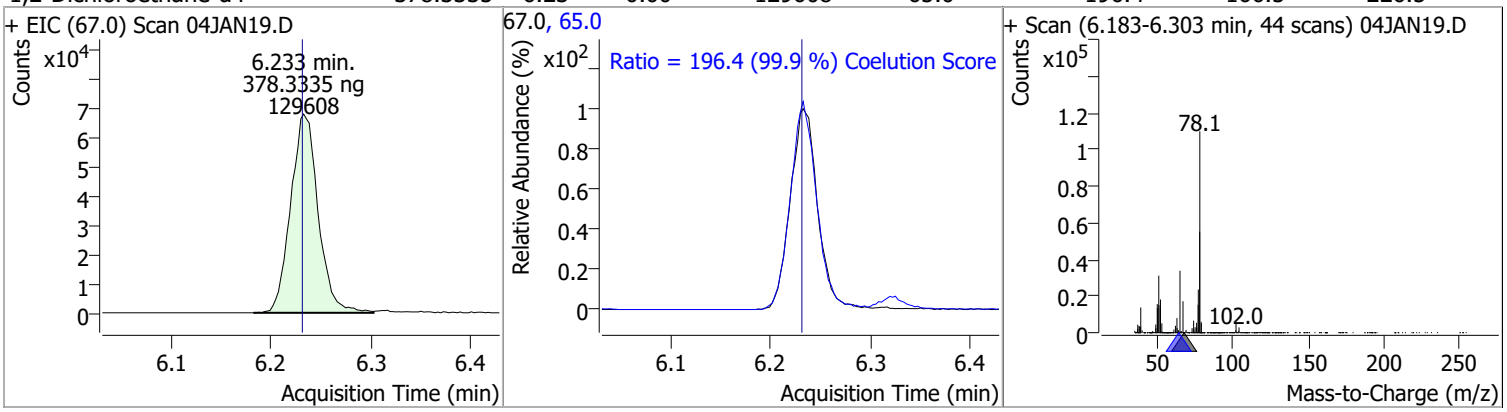




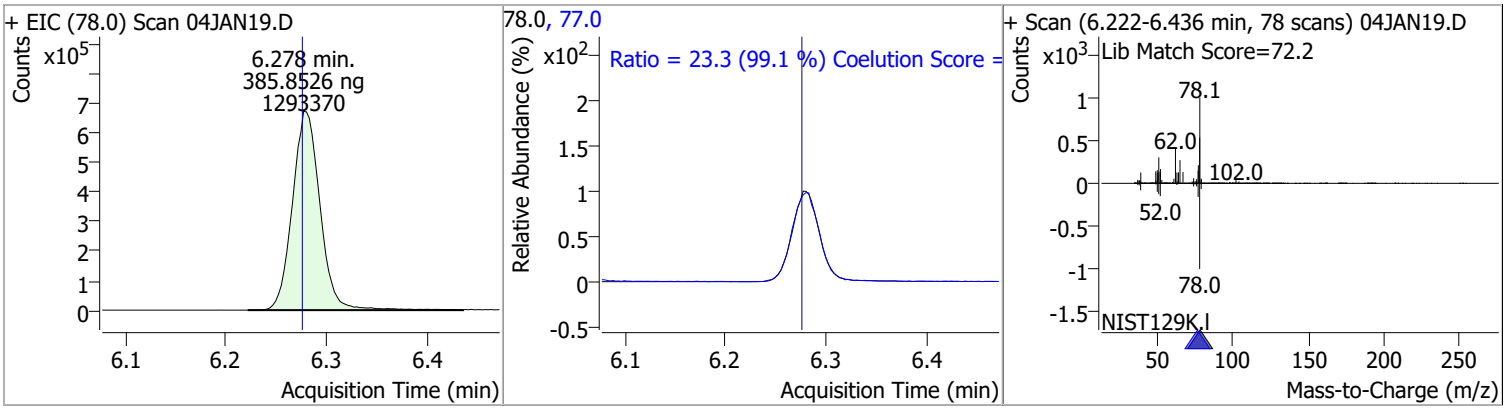
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	397.1322	6.04	0.00	507157	110.0	36.0	5.9	65.9
					77.0	30.5	0.1	60.1



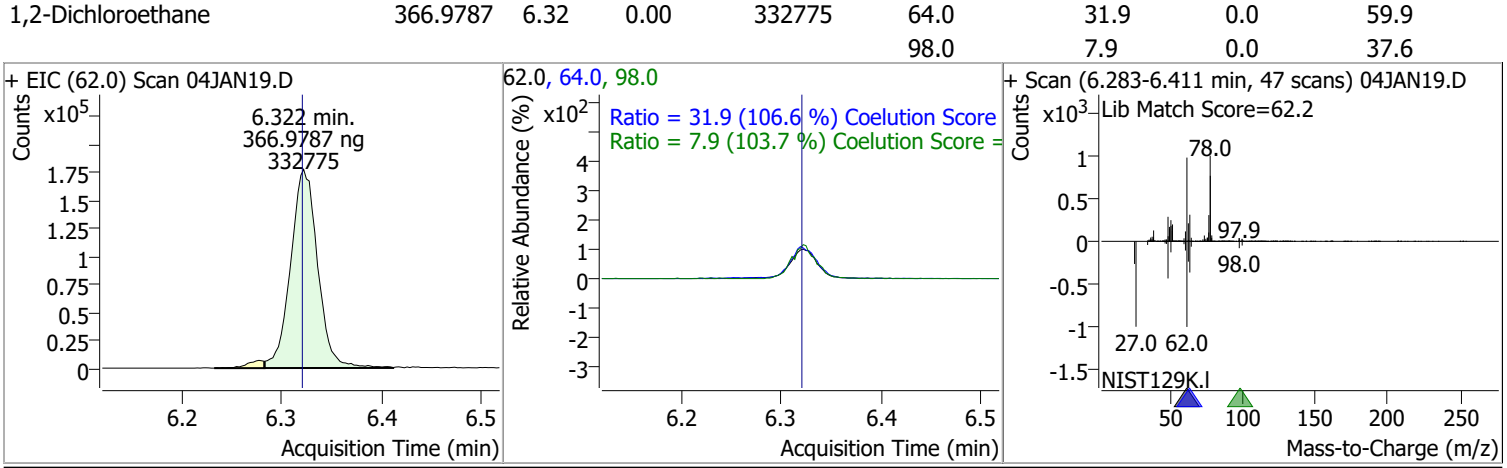
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	378.3335	6.23	0.00	129608	65.0	196.4	166.5	226.5



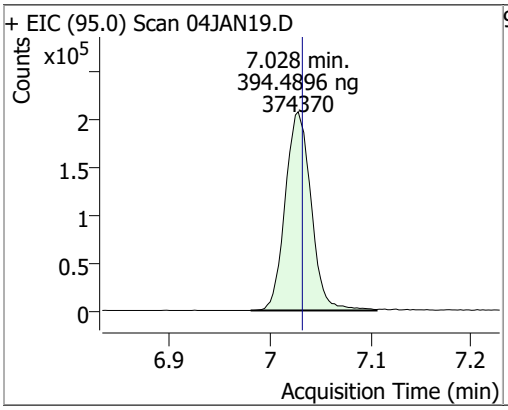
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	385.8526	6.28	0.00	1293370	77.0	23.3	0.0	53.5

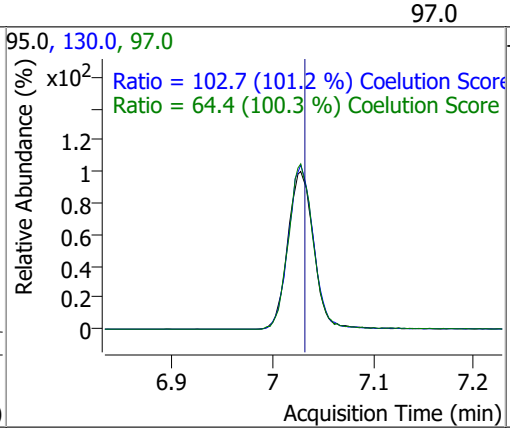


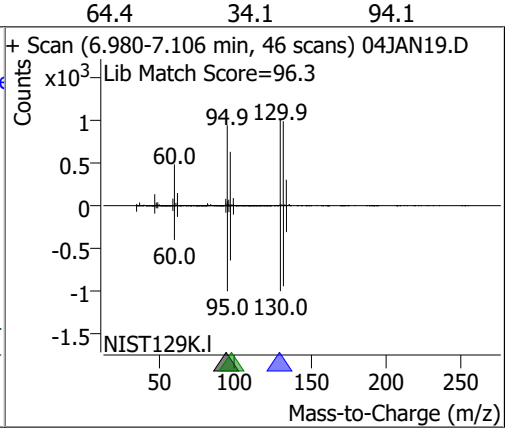
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	366.9787	6.32	0.00	332775	64.0	31.9	0.0	59.9
					98.0	7.9	0.0	37.6



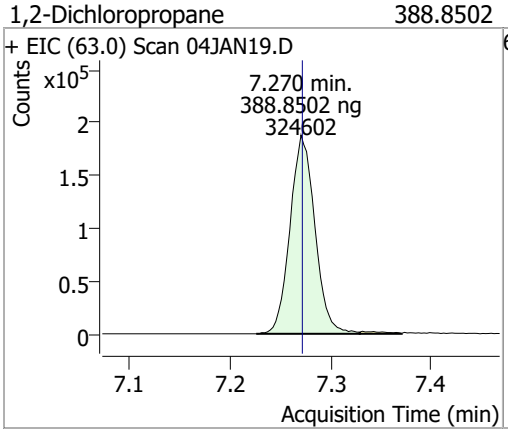
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	394.4896	7.03	0.00	374370	130.0	102.7	71.5	131.5
					97.0	64.4	34.1	94.1

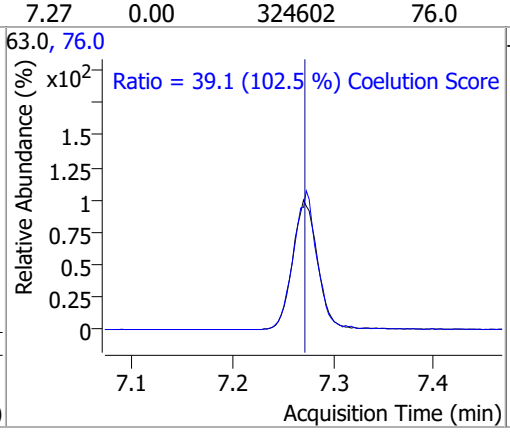


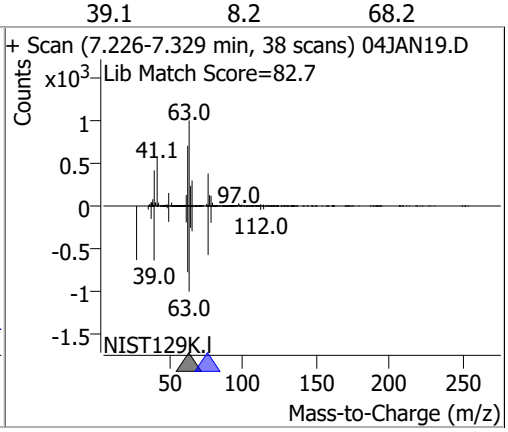




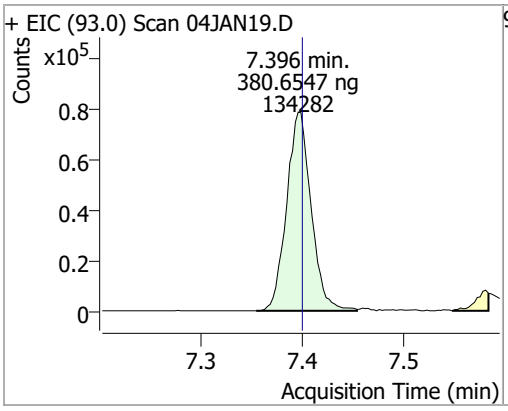
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	388.8502	7.27	0.00	324602	76.0	39.1	8.2	68.2

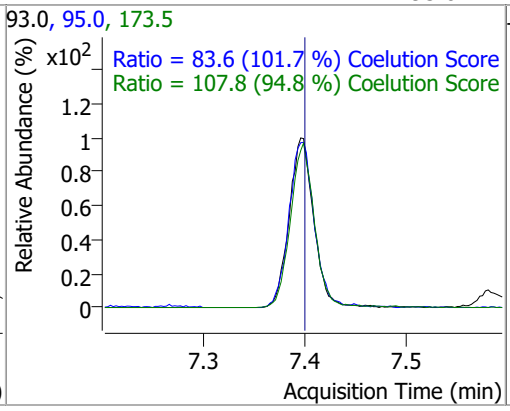


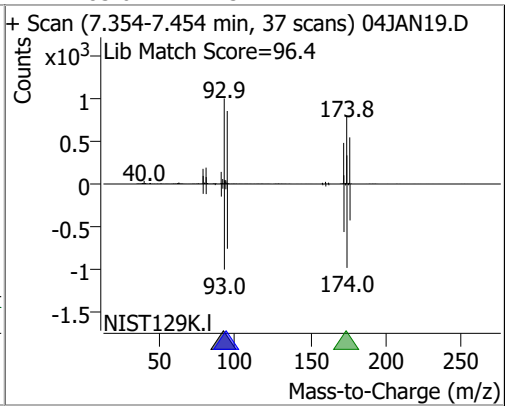




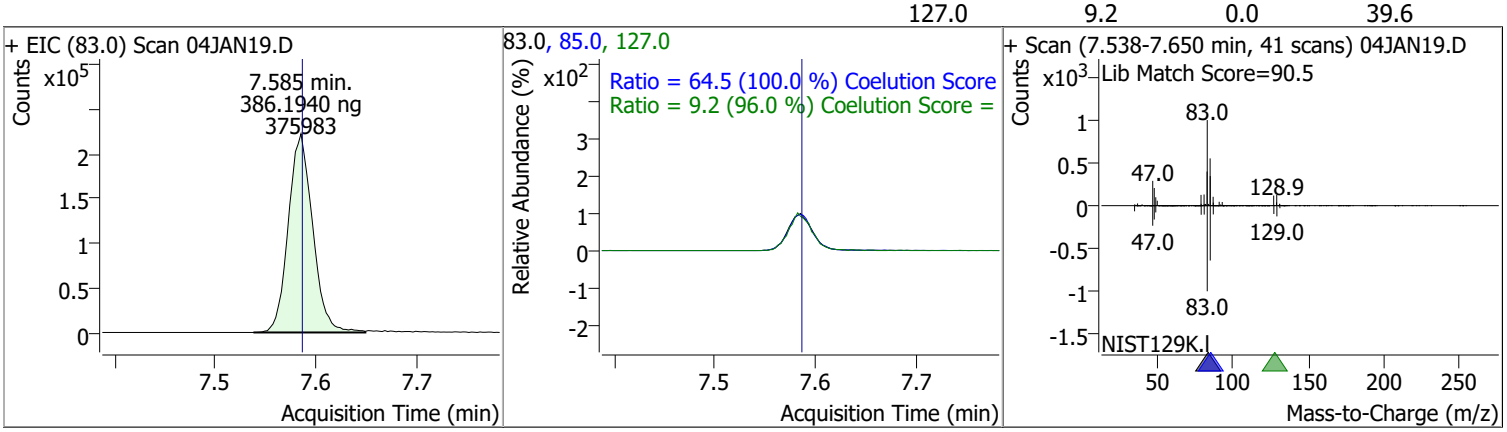
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	380.6547	7.40	0.00	134282	173.5	107.8	83.7	143.7
					95.0	83.6	52.2	112.2



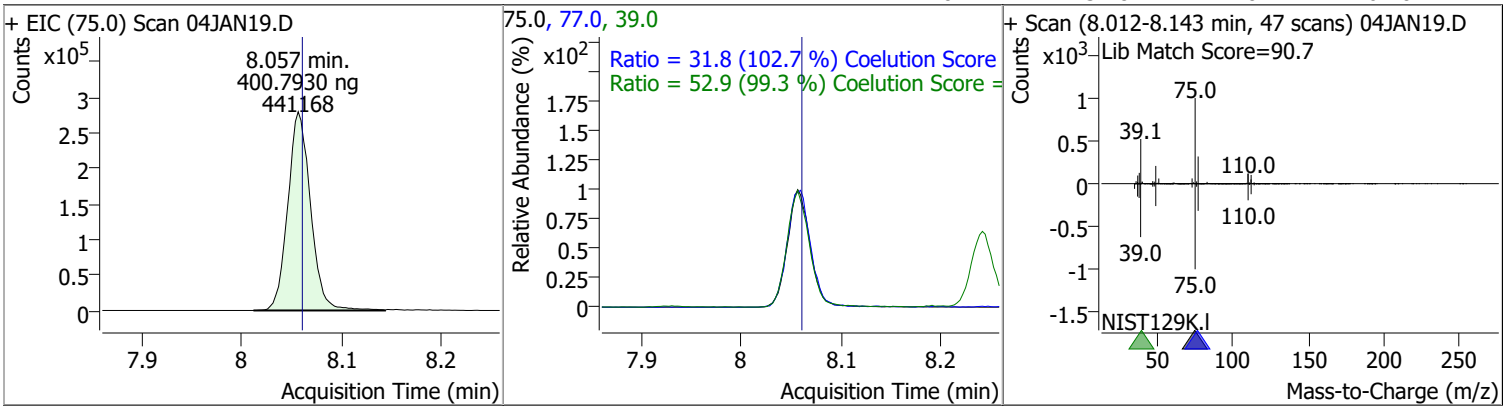




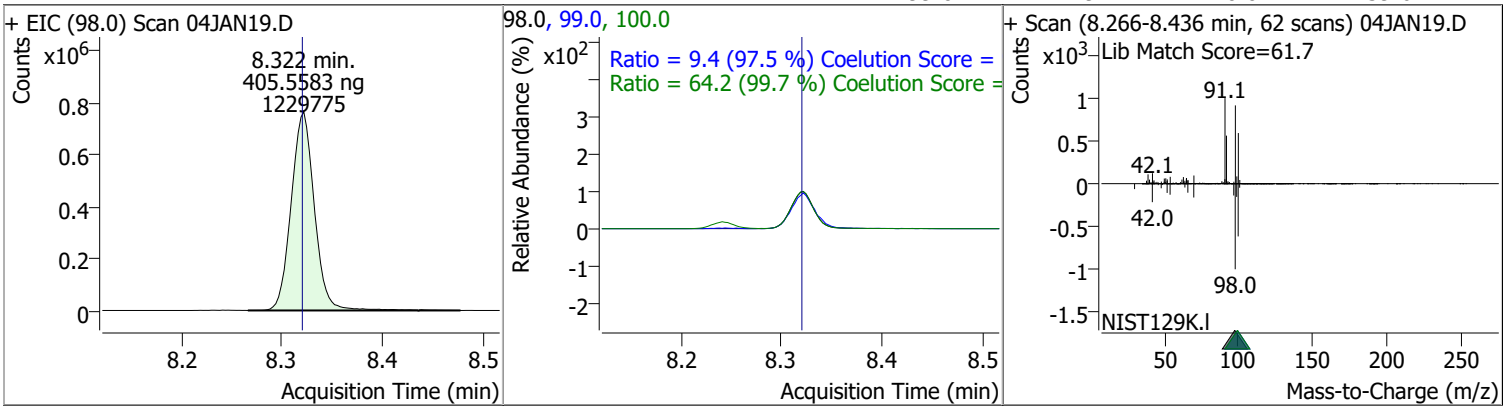
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	386.1940	7.59	0.00	375983	85.0	64.5	34.5	94.5
					127.0	9.2	0.0	39.6



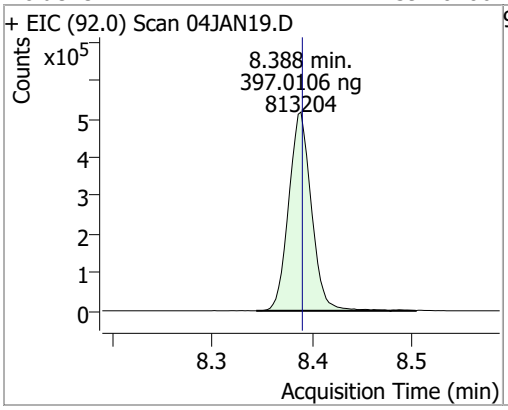
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	400.7930	8.06	0.00	441168	39.0	52.9	23.3	83.3
					77.0	31.8	1.0	61.0

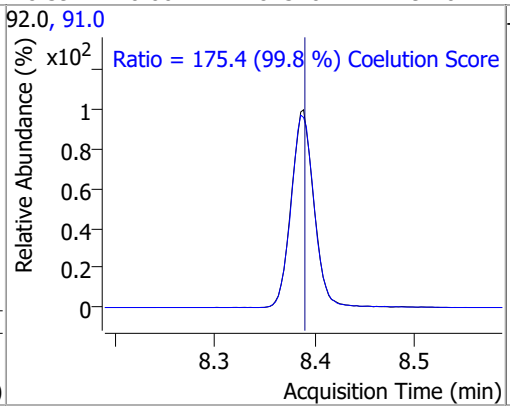


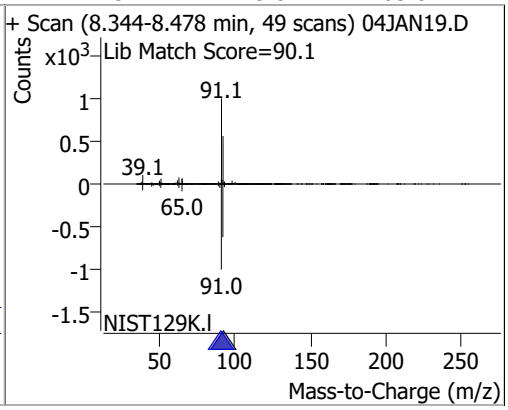
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	405.5583	8.32	0.00	1229775	100.0	64.2	34.4	94.4
					99.0	9.4	0.0	39.6



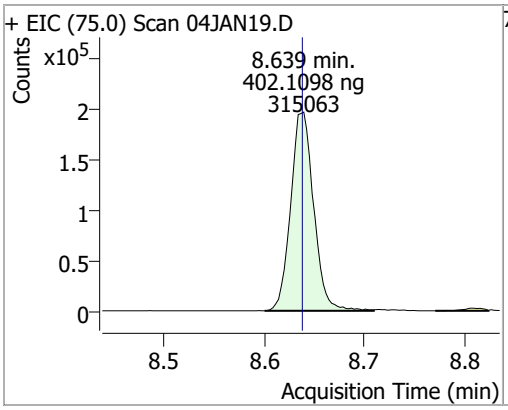
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	397.0106	8.39	0.00	813204	91.0	175.4	145.8	205.8

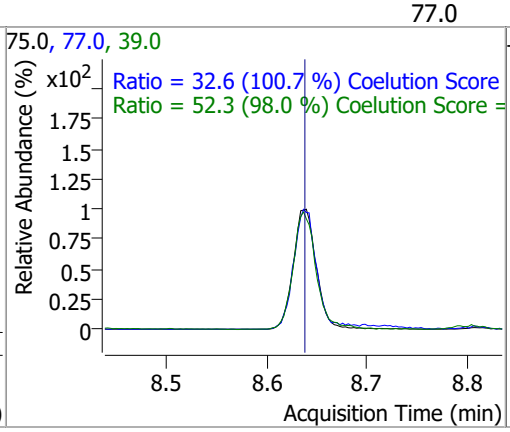


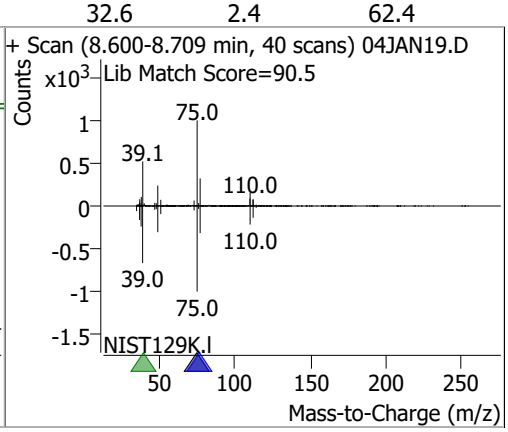




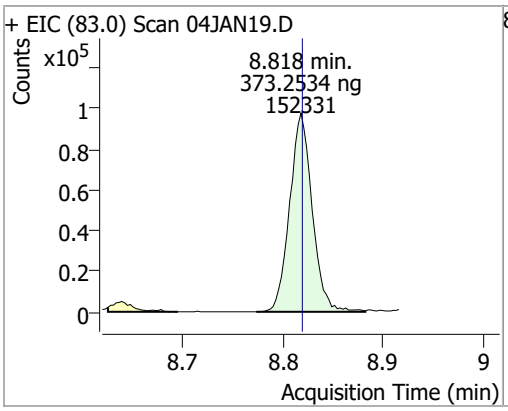
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	402.1098	8.64	0.00	315063	39.0	52.3	23.4	83.4
					77.0	32.6	2.4	62.4

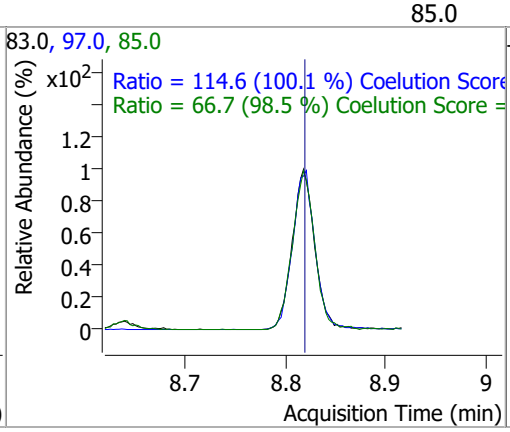


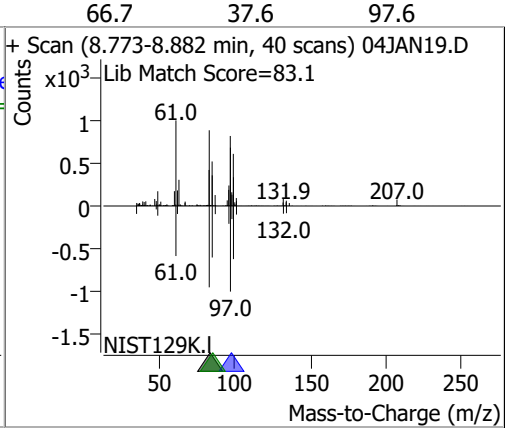




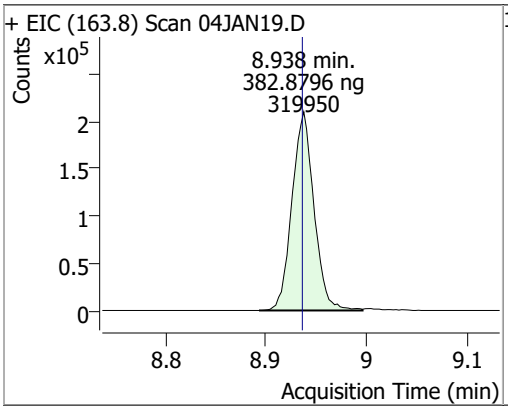
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	373.2534	8.82	0.00	152331	97.0	114.6	84.6	144.6
					85.0	66.7	37.6	97.6

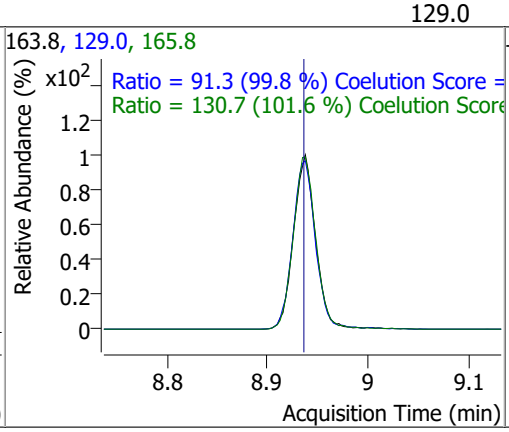


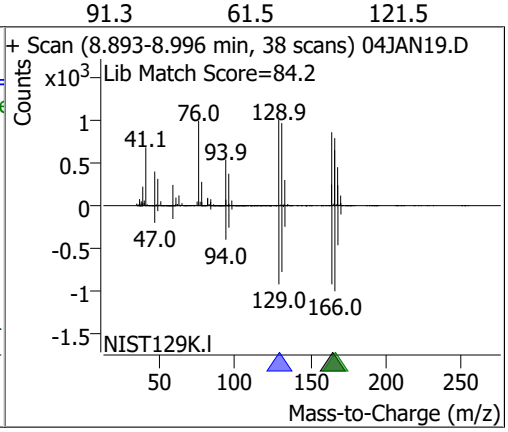




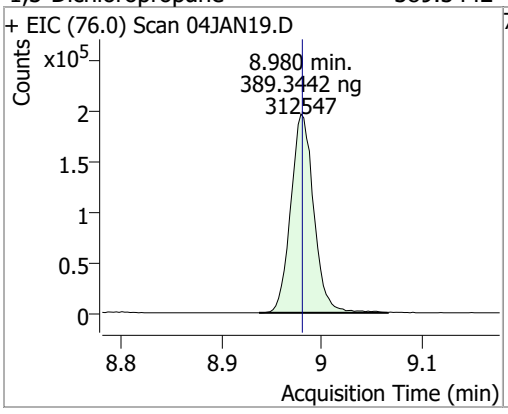
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	382.8796	8.94	0.00	319950	165.8	130.7	98.6	158.6
					129.0	91.3	61.5	121.5

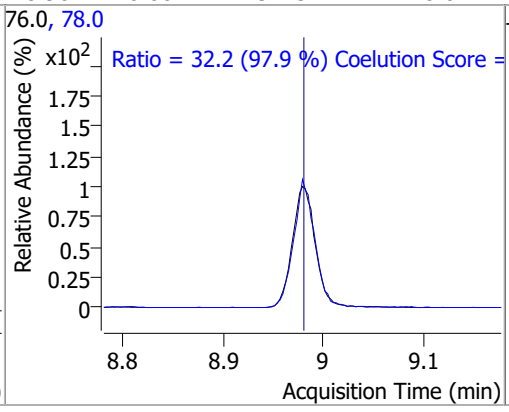


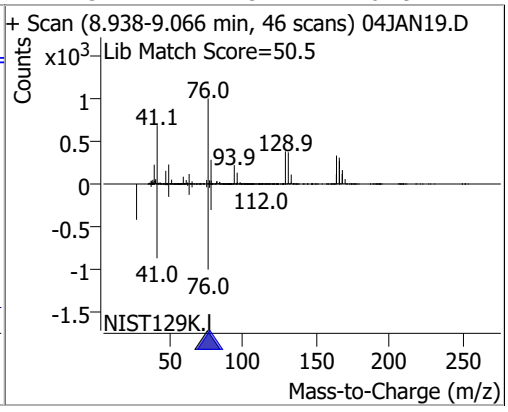




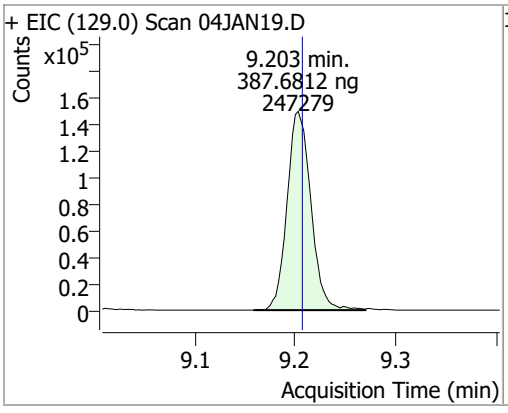
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	389.3442	8.98	0.00	312547	78.0	32.2	2.9	62.9

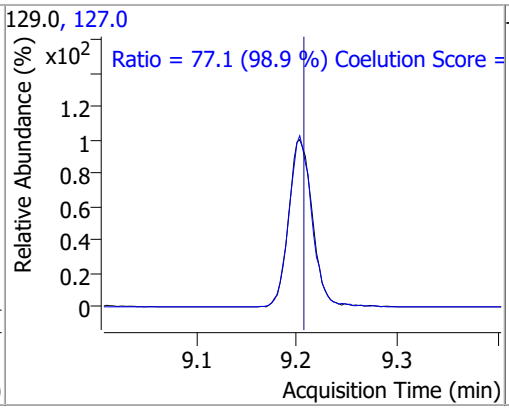


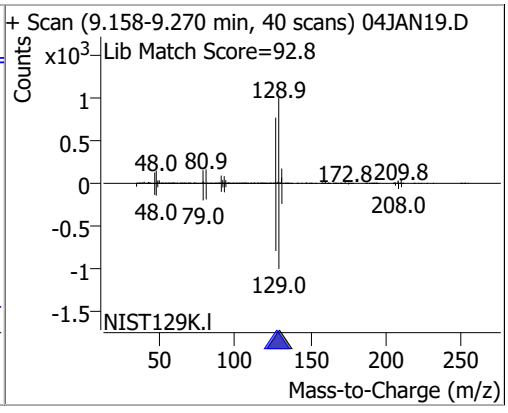




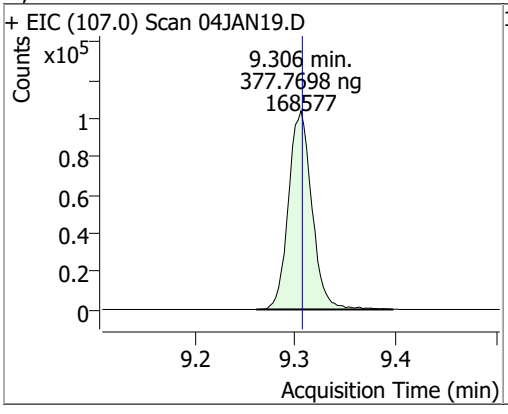
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	387.6812	9.20	0.00	247279	127.0	77.1	48.0	108.0

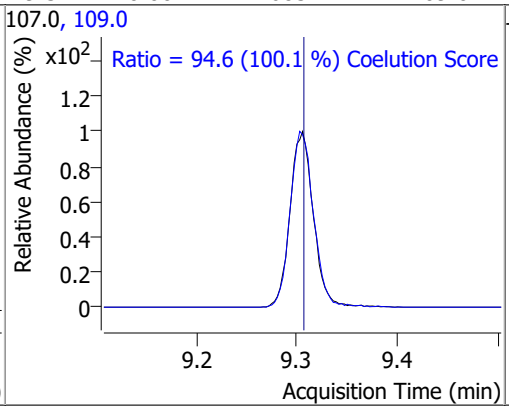


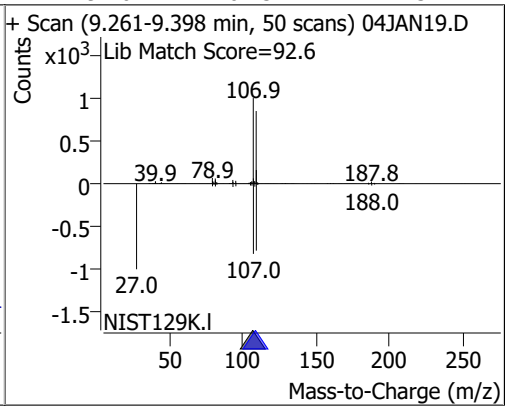




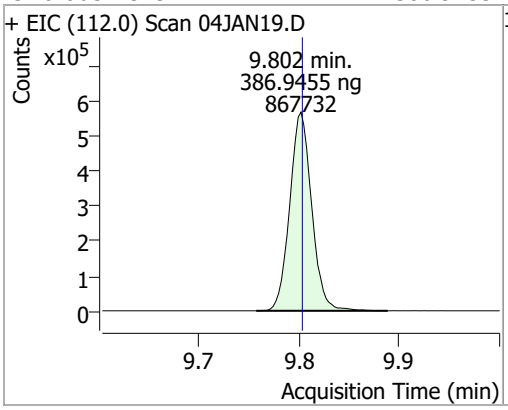
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	377.7698	9.31	0.00	168577	109.0	94.6	64.5	124.5

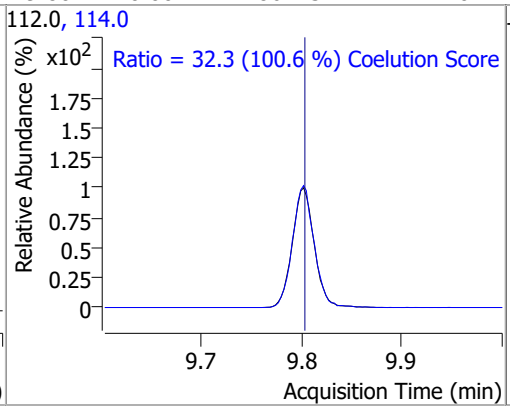


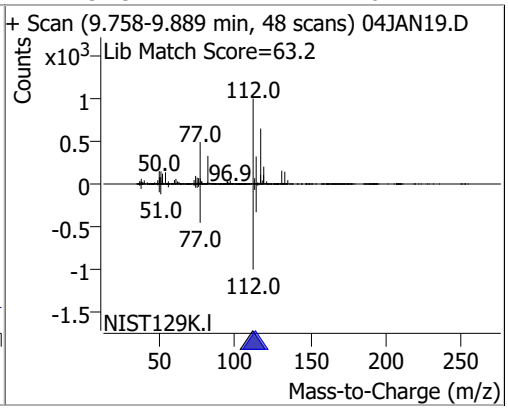




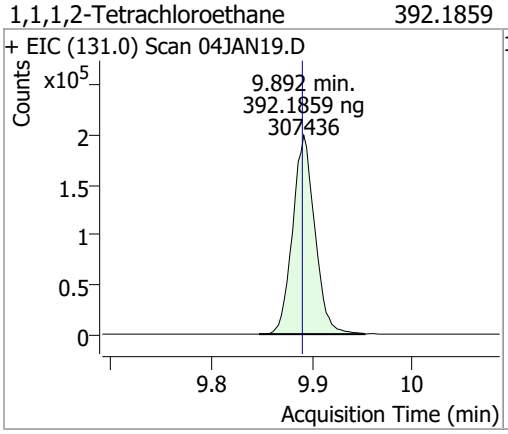
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	386.9455	9.80	0.00	867732	114.0	32.3	2.1	62.1

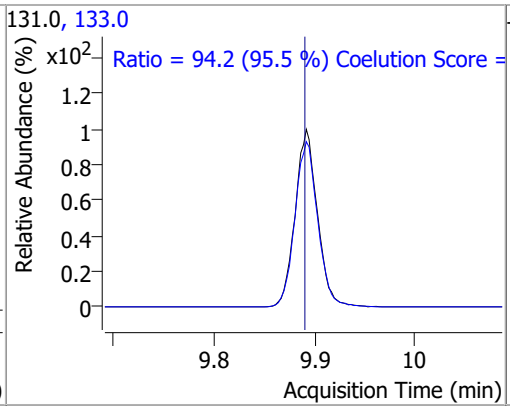


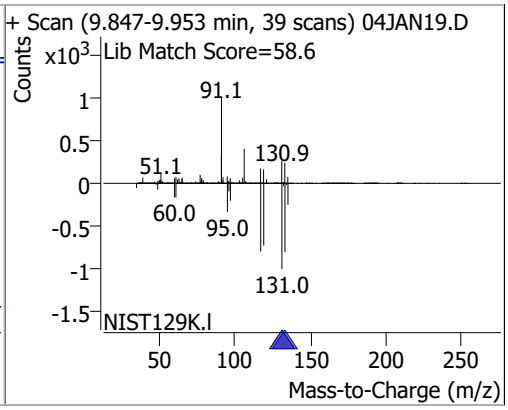




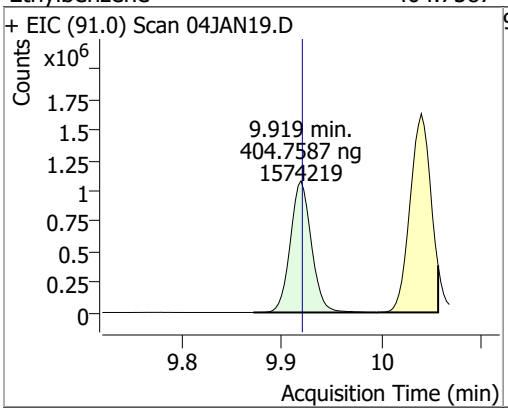
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	392.1859	9.89	0.00	307436	133.0	94.2	68.6	128.6

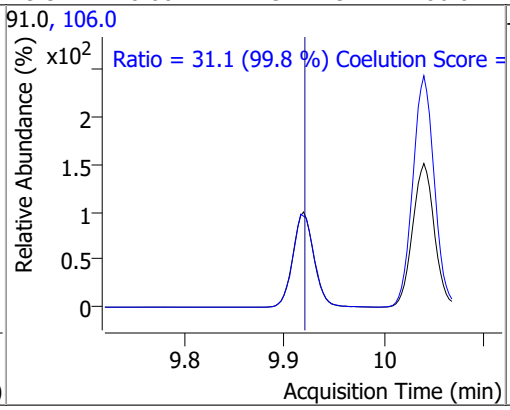


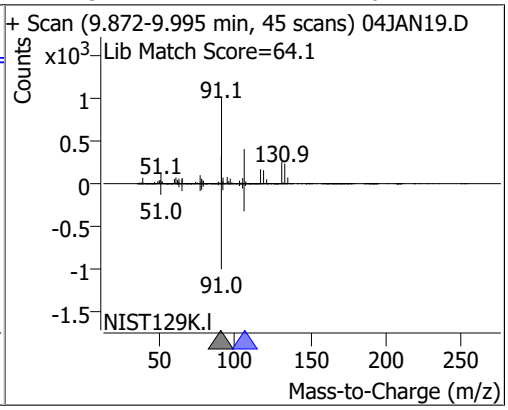




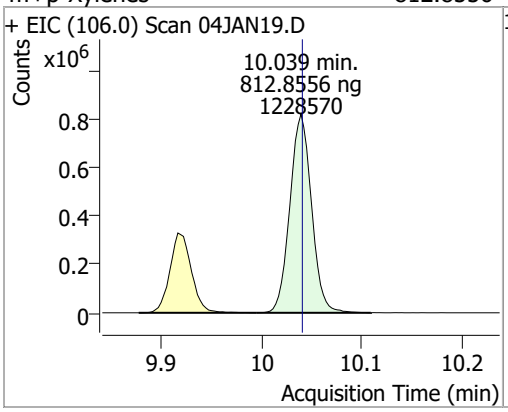
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	404.7587	9.92	0.00	1574219	106.0	31.1	1.1	61.1

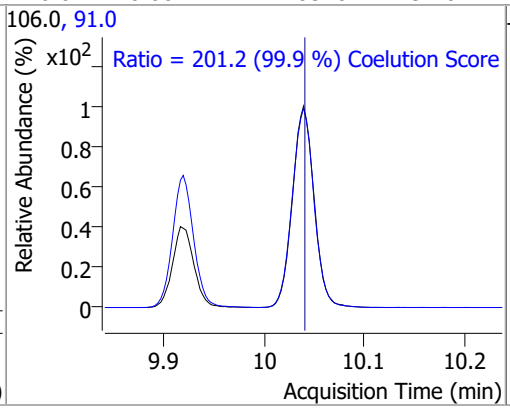


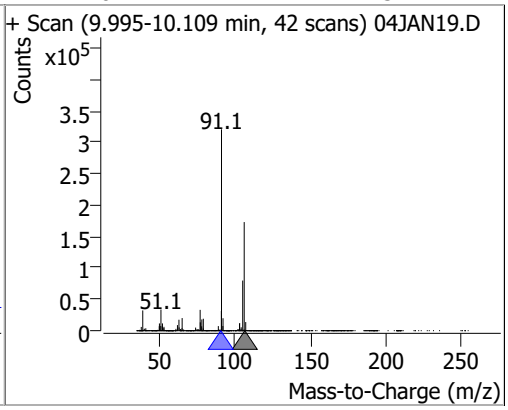




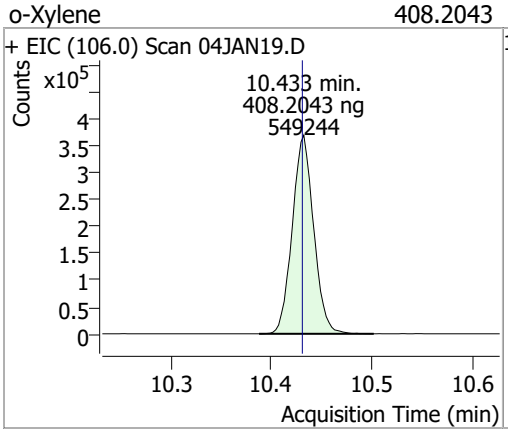
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	812.8556	10.04	0.00	1228570	91.0	201.2	171.4	231.4

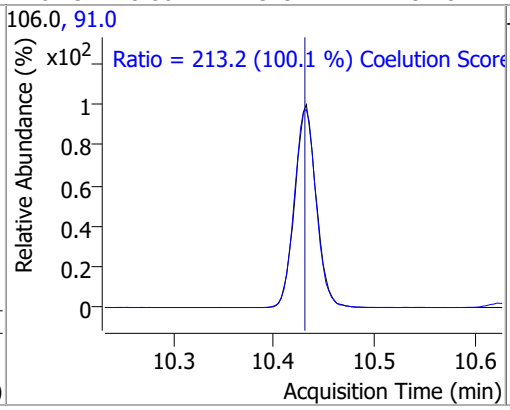


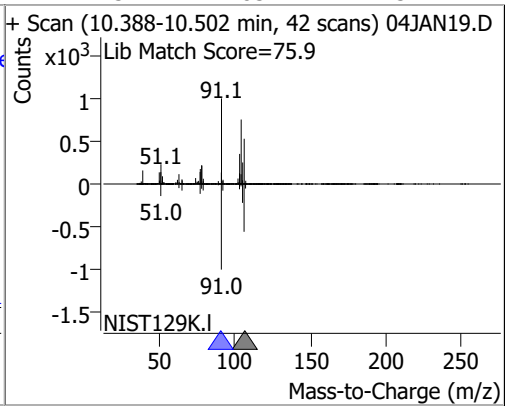




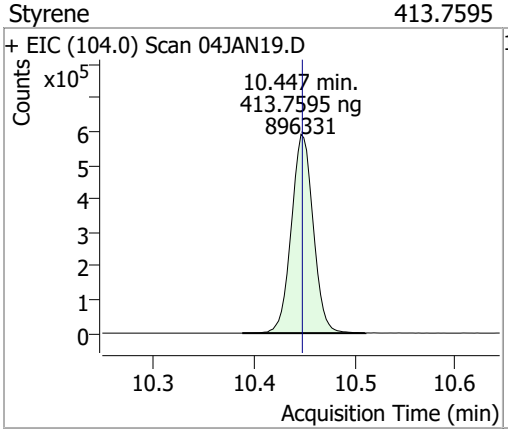
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	408.2043	10.43	0.00	549244	91.0	213.2	183.1	243.1

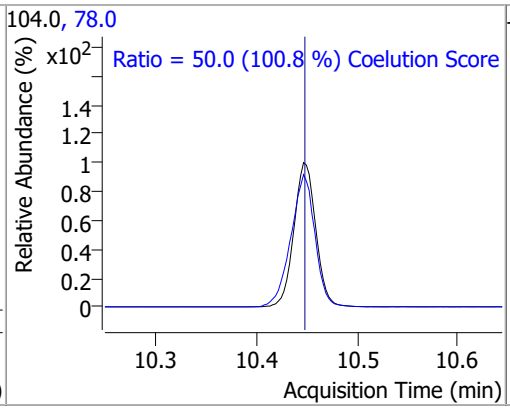


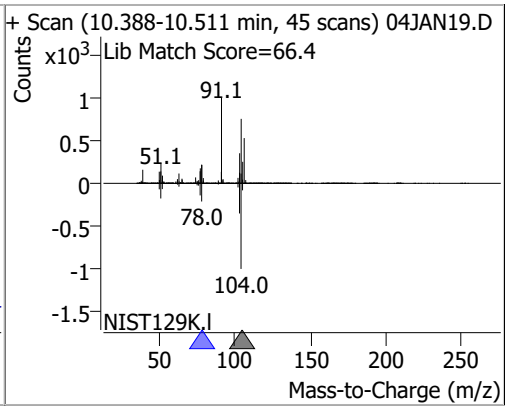




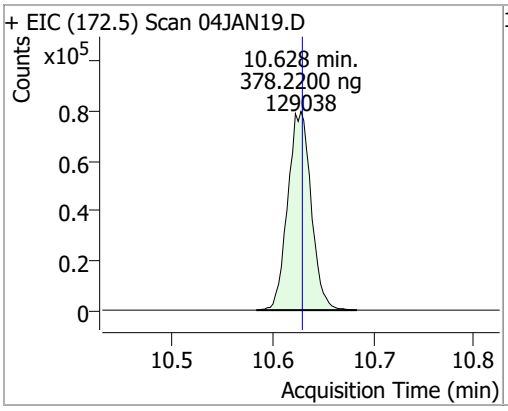
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	413.7595	10.45	0.00	896331	78.0	50.0	19.6	79.6

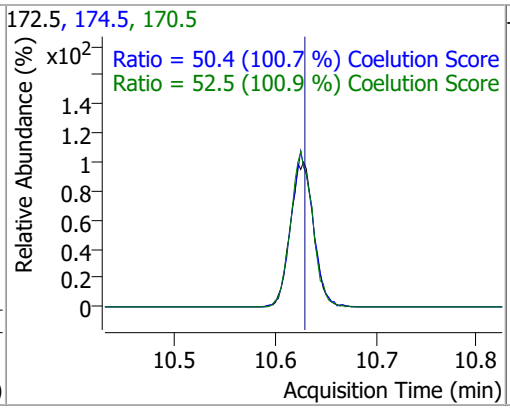


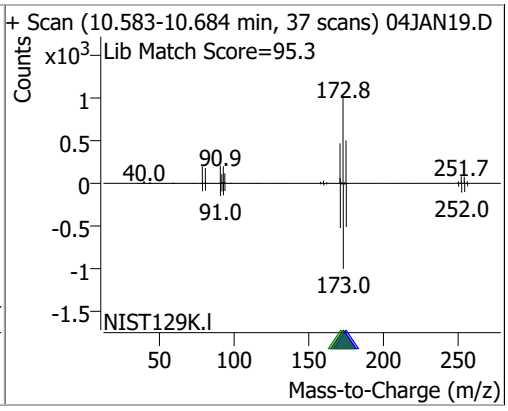




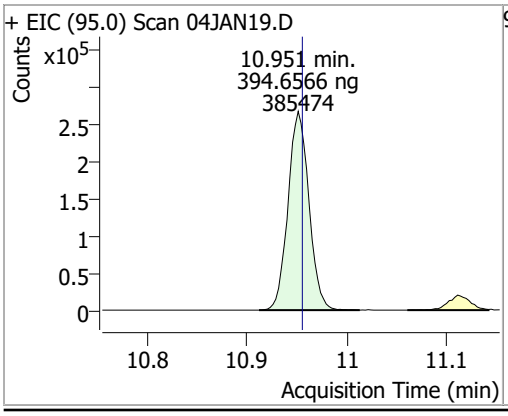
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	378.2200	10.63	0.00	129038	170.5	52.5	22.1	82.1
					174.5	50.4	20.1	80.1

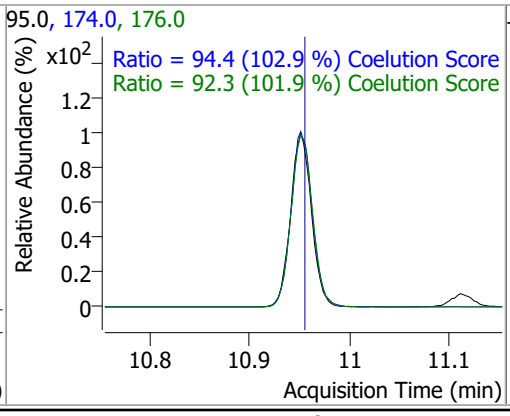


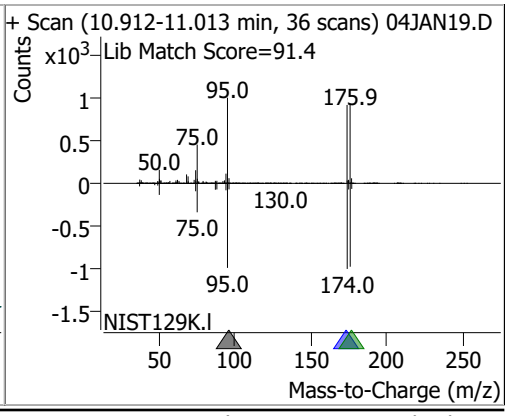




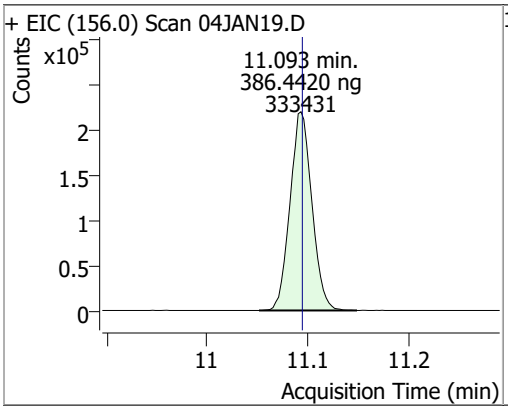
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	394.6566	10.95	0.00	385474	174.0	94.4	61.7	121.7
					176.0	92.3	60.6	120.6

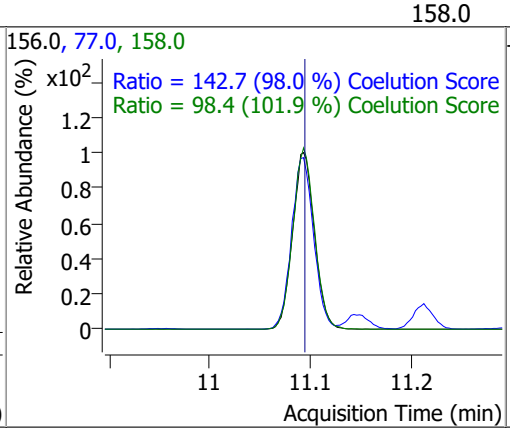


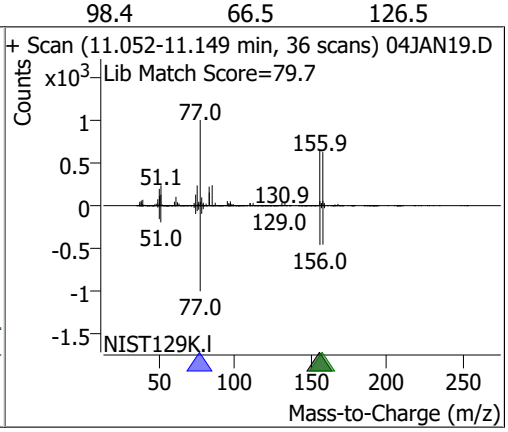




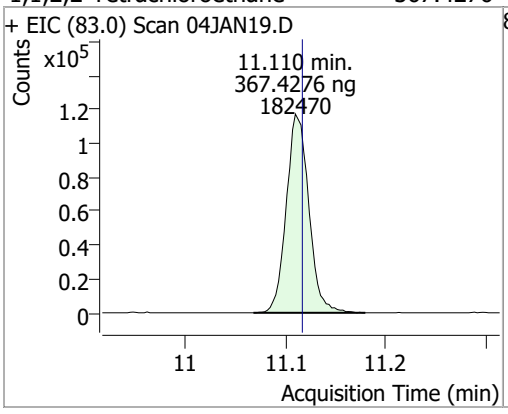
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	386.4420	11.09	0.00	333431	77.0	142.7	115.7	175.7
					158.0	98.4	66.5	126.5

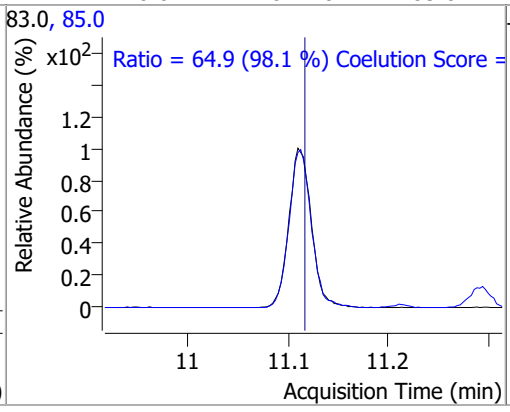


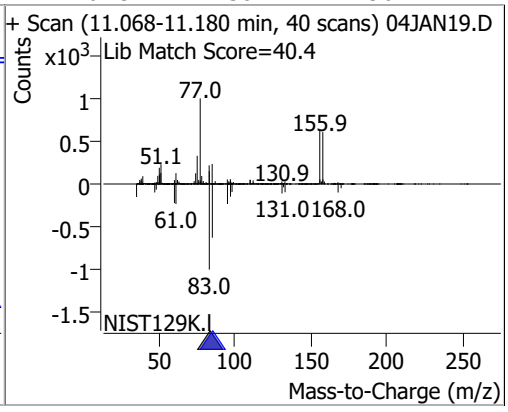




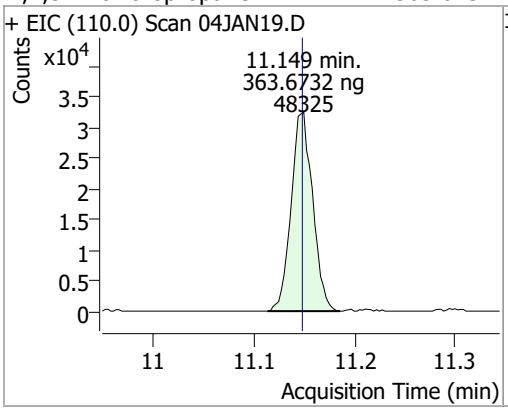
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	367.4276	11.11	-0.01	182470	85.0	64.9	36.2	96.2

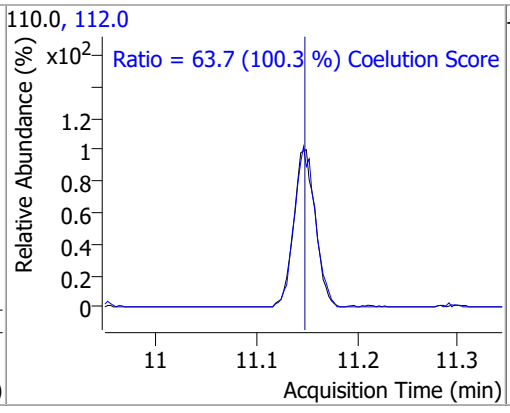


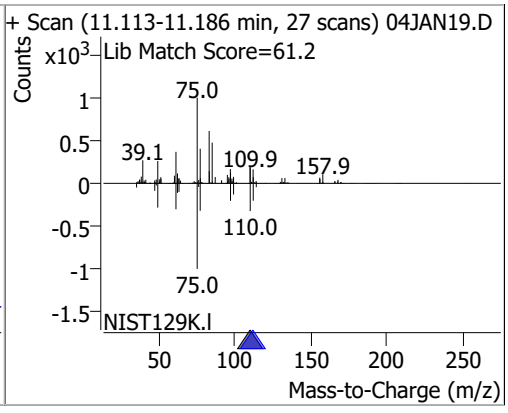




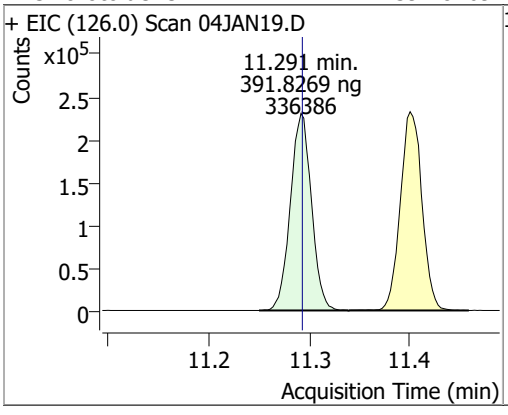
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	363.6732	11.15	0.00	48325	112.0	63.7	33.5	93.5

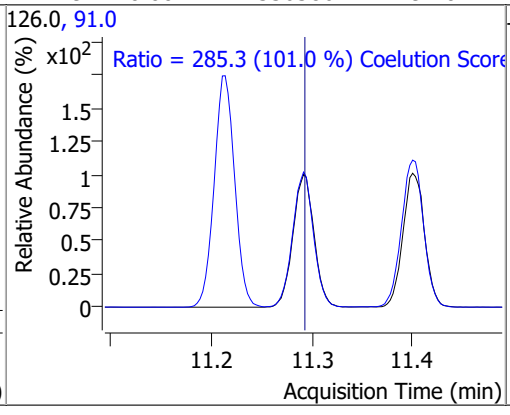


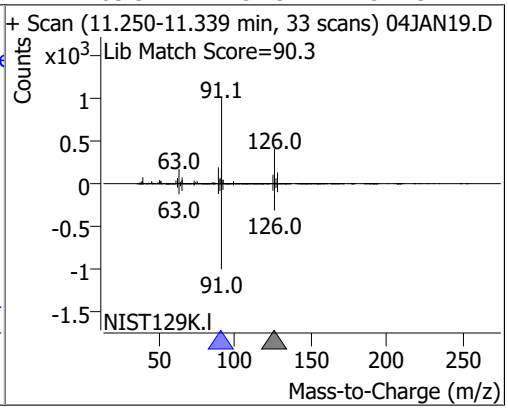




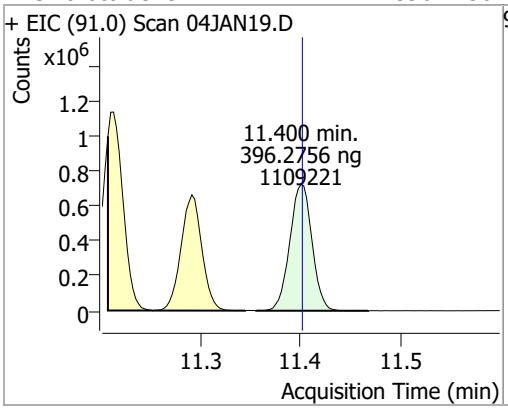
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	391.8269	11.29	0.00	336386	91.0	285.3	252.3	312.3

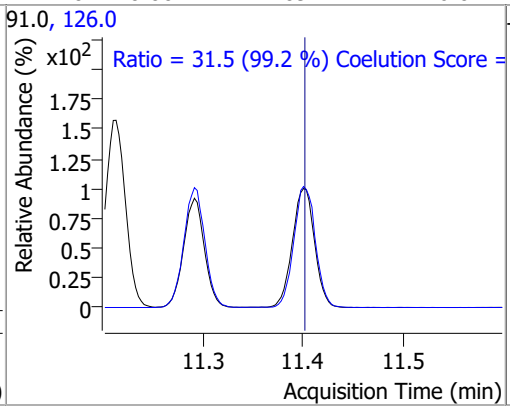


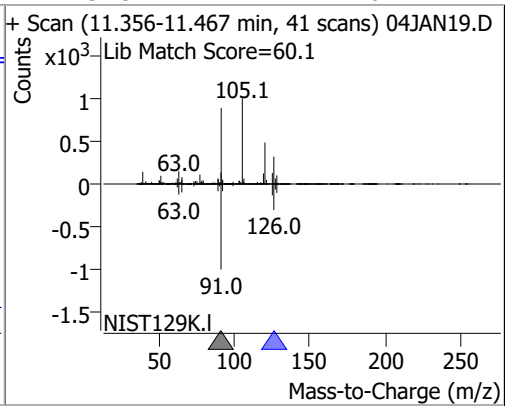




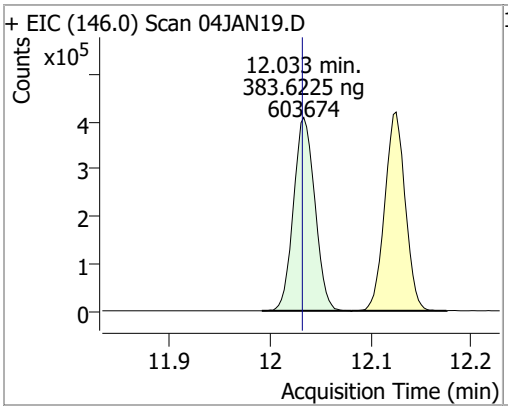
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	396.2756	11.40	0.00	1109221	126.0	31.5	1.7	61.7

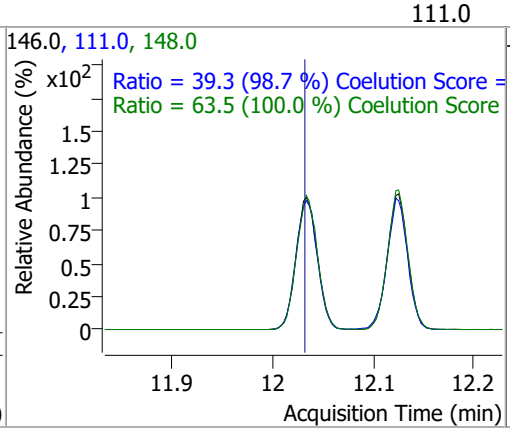


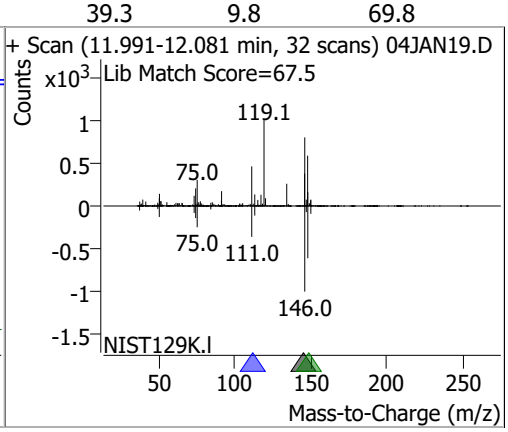




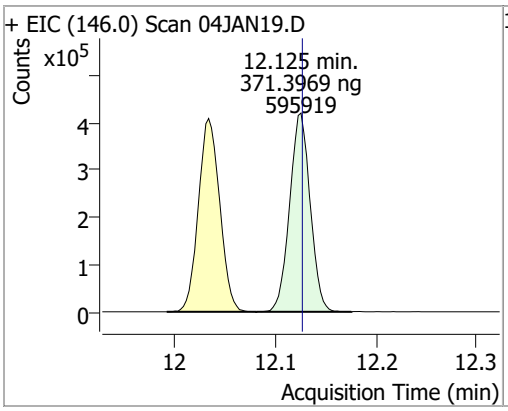
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	383.6225	12.03	0.00	603674	148.0	63.5	33.6	93.6
					111.0	39.3	9.8	69.8

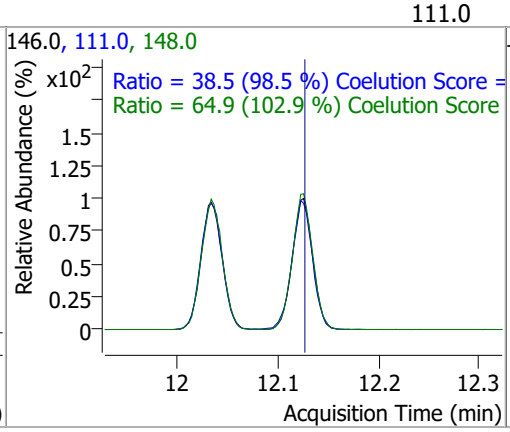


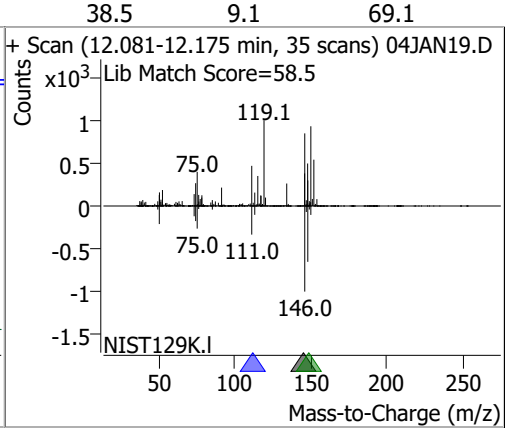




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	371.3969	12.13	0.00	595919	148.0	64.9	33.1	93.1
					111.0	38.5	9.1	69.1

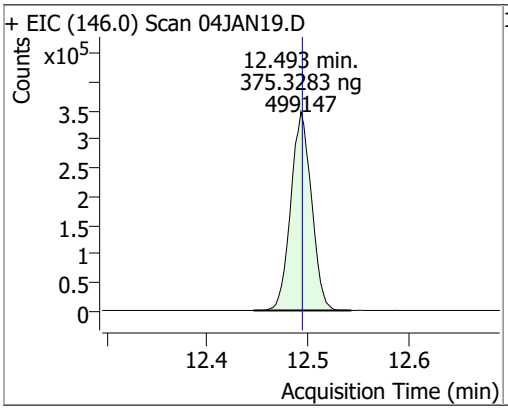


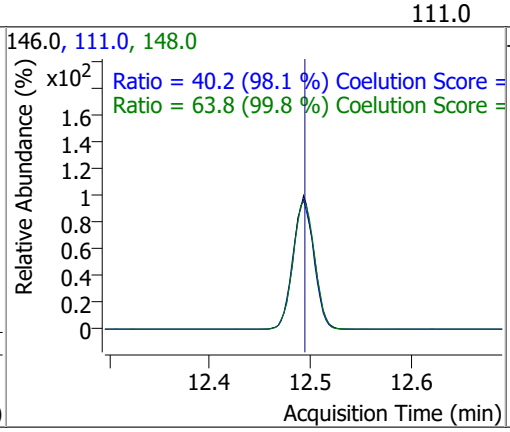


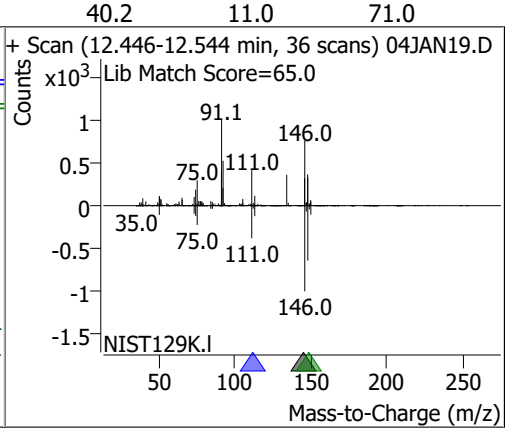


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	375.3283	12.49	0.00	499147	148.0	63.8	33.9	93.9
					111.0	40.2	11.0	71.0







Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04JAN21.D	Operator	MSC
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Sample Name	ICAL010422_8	Instrument	VOA5975C
Vial	21	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
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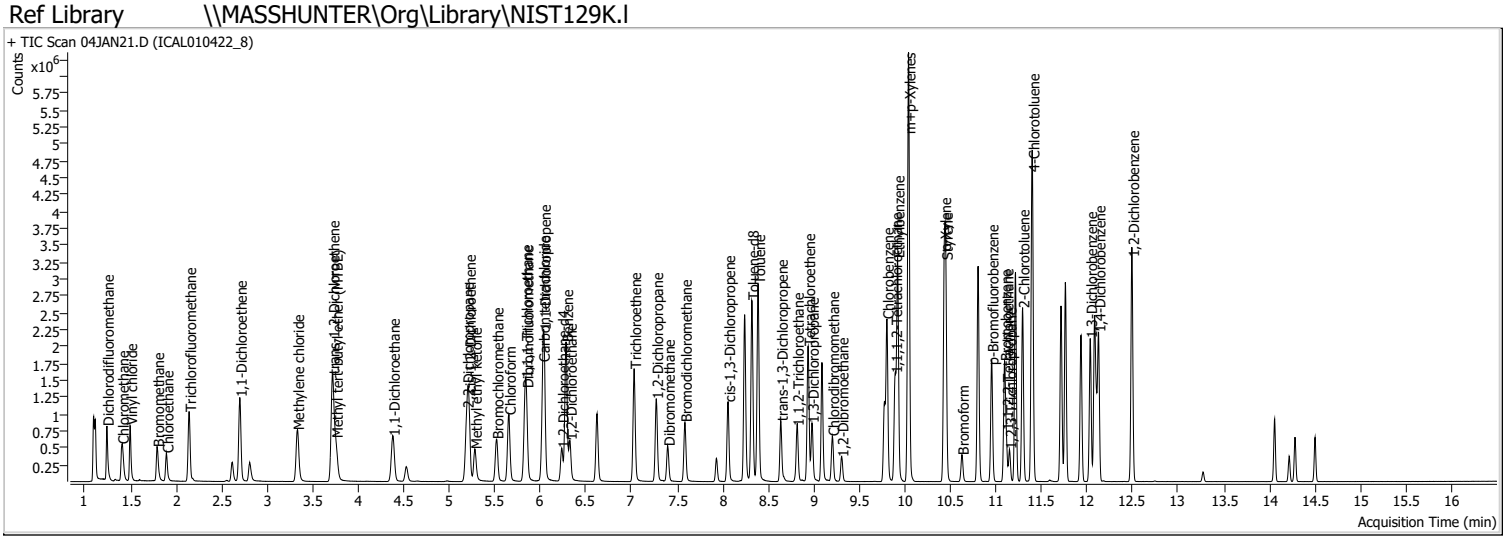
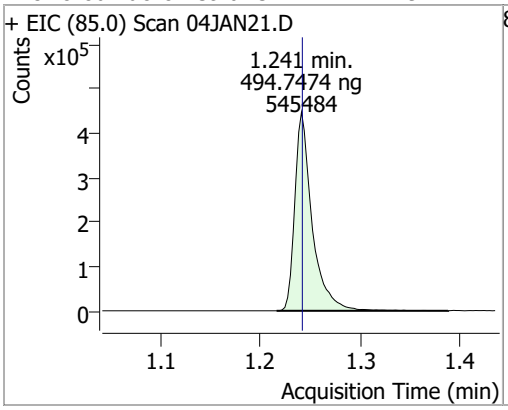


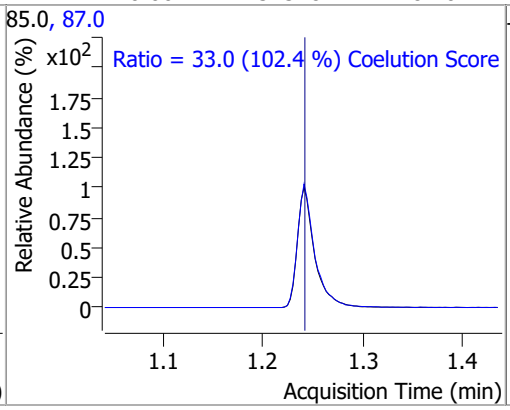
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	841364	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	313585	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	262971	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	404568	510.3991	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 204.16%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	174713	510.3080	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 204.12%		*	
S Toluene-d8	8.319	98.0	1644540	544.2136	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 217.69%		*	
S p-Bromofluorobenzene	10.949	95.0	521580	541.3964	ng		-0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 216.56%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	545484	494.7474	ng		99
T Chloromethane	1.406	50.0	642582	480.1747	ng		100
T Vinyl chloride	1.495	62.0	600092	498.3563	ng		95
T Bromomethane	1.793	96.0	277301	515.0141	ng		98
T Chloroethane	1.894	64.0	287041	481.5143	ng		98
T Trichlorofluoromethane	2.145	101.0	731829	489.6475	ng		99
T 1,1-Dichloroethene	2.700	96.0	436507	515.0603	ng		98
T Methylene chloride	3.330	49.0	583438	466.9993	ng		98
T trans-1,2-Dichloroethene	3.718	96.0	440967	510.0097	ng		98
T Methyl tert-butyl ether (MTBE)	3.754	73.0	584294	522.8187	ng		99
T 1,1-Dichloroethane	4.378	63.0	829359	515.3207	ng		99
T 2,2-Dichloropropane	5.190	77.0	601823	499.0473	ng		98
T cis-1,2-Dichloroethene	5.212	96.0	452377	516.0544	ng		99
T Methyl ethyl ketone	5.279	43.0	632539	5327.1253	ng		99
T Bromochloromethane	5.519	128.0	179618	494.6054	ng		98
T Chloroform	5.653	83.0	783422	489.1221	ng		99

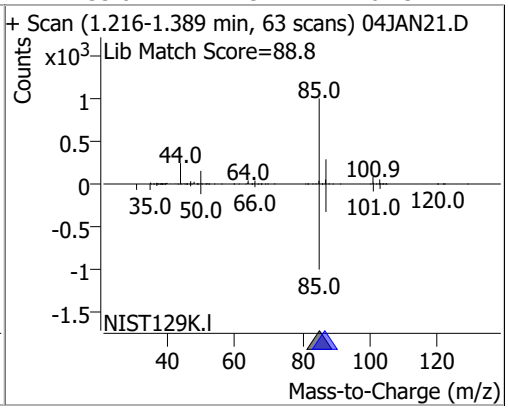
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	778785	518.8312	ng	99
T Carbon tetrachloride	6.024	117.0	770907	521.2630	ng	98
T 1,1-Dichloropropene	6.038	75.0	693669	543.5121	ng	99
T Benzene	6.280	78.0	1714050	511.6658	ng	100
T 1,2-Dichloroethane	6.322	62.0	450739	497.3699	ng	100
T Trichloroethene	7.028	95.0	505400	534.4007	ng	99
T 1,2-Dichloropropane	7.270	63.0	436057	524.1695	ng	100
T Dibromomethane	7.396	93.0	176038	500.7456	ng	98
T Bromodichloromethane	7.585	83.0	502929	518.3718	ng	100
T cis-1,3-Dichloropropene	8.059	75.0	591147	538.9008	ng	99
T Toluene	8.389	92.0	1095161	536.5101	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	416771	533.7551	ng	99
T 1,1,2-Trichloroethane	8.815	83.0	205463	505.1803	ng	97
T Tetrachloroethene	8.938	163.8	428812	514.9255	ng	100
T 1,3-Dichloropropane	8.980	76.0	408993	511.2479	ng	100
T Chlorodibromomethane	9.203	129.0	330813	520.4361	ng	99
T 1,2-Dibromoethane	9.303	107.0	225877	507.9234	ng	99
T Chlorobenzene	9.802	112.0	1153147	515.9957	ng	100
T 1,1,1,2-Tetrachloroethane	9.892	131.0	406450	520.2855	ng	98
T Ethylbenzene	9.919	91.0	2111152	544.6881	ng	100
T m+p-Xylenes	10.039	106.0	1637879	1087.4082	ng	99
T o-Xylene	10.430	106.0	734101	547.4764	ng	100
T Styrene	10.449	104.0	1199879	555.7946	ng	99
T Bromoform	10.625	172.5	175918	522.7660	ng	98
T Bromobenzene	11.094	156.0	439147	516.0104	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	240837	491.6700	ng	99
T 1,2,3-Trichloropropane	11.146	110.0	64422	491.5229	ng	99
T 2-Chlorotoluene	11.292	126.0	455991	538.4964	ng	99
T 4-Chlorotoluene	11.400	91.0	1468376	531.8471	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	793993	511.5504	ng	100
T 1,4-Dichlorobenzene	12.125	146.0	794954	502.3001	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	664247	506.3871	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

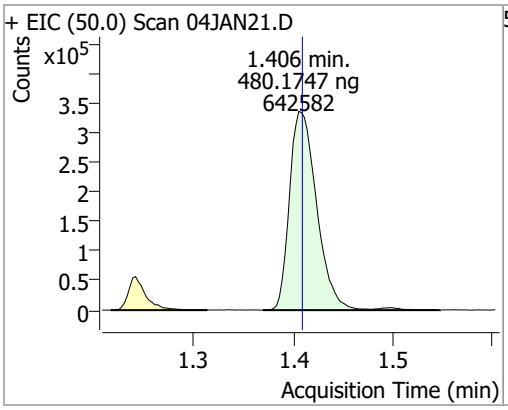
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	494.7474	1.24	0.00	545484	87.0	33.0	2.3	62.3

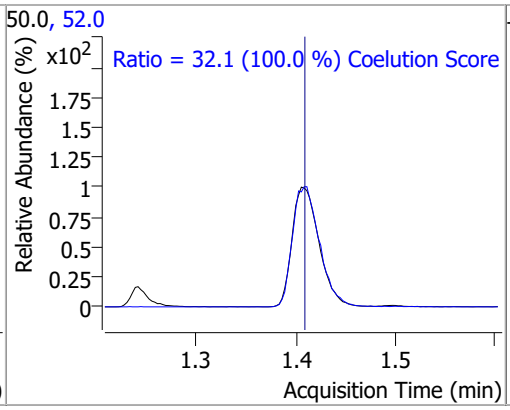


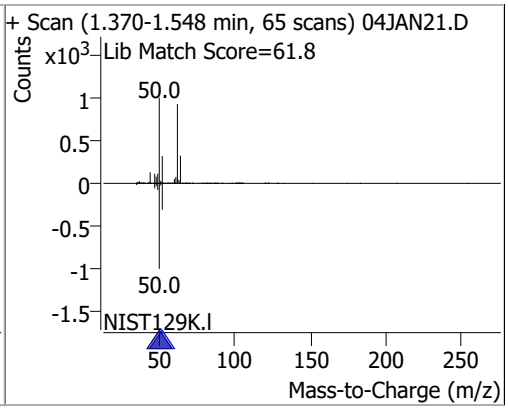




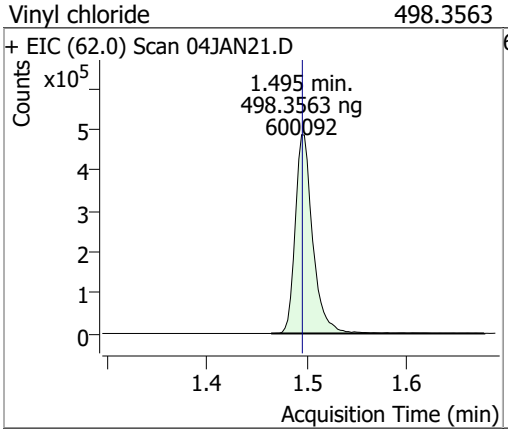
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	480.1747	1.41	0.00	642582	52.0	32.1	2.1	62.1

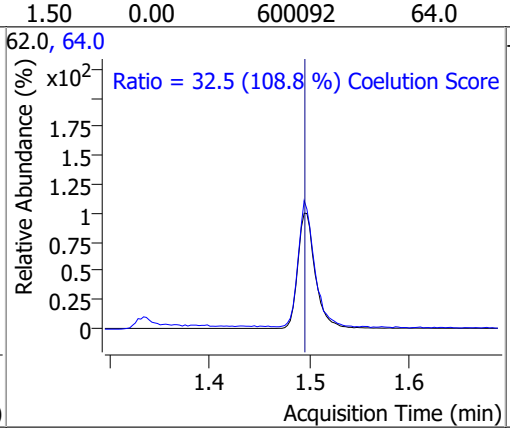


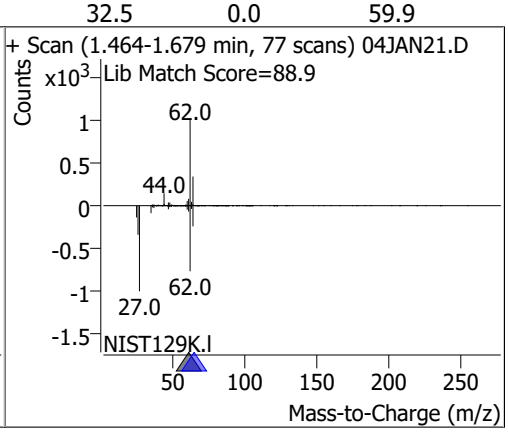




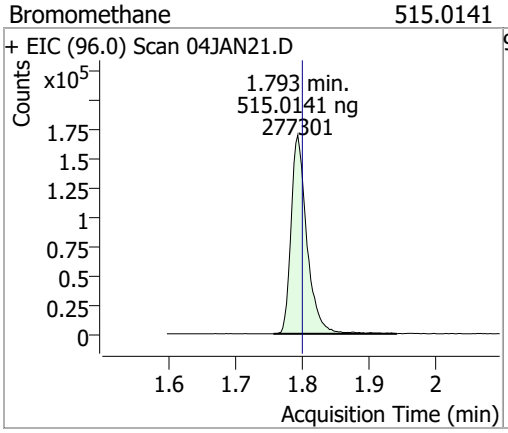
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	498.3563	1.50	0.00	600092	64.0	32.5	0.0	59.9

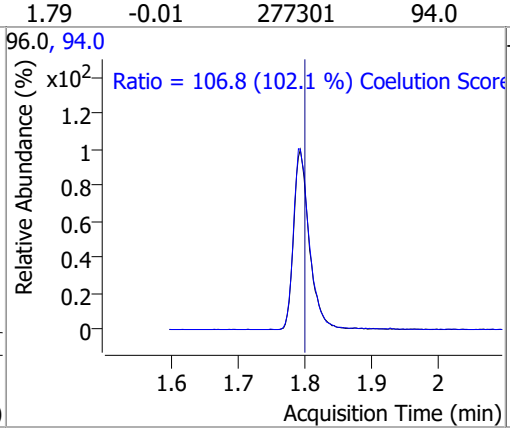


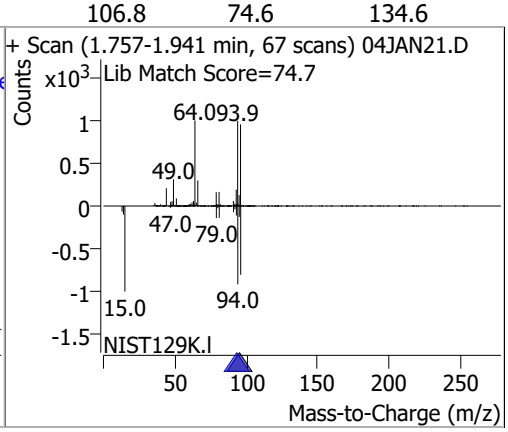




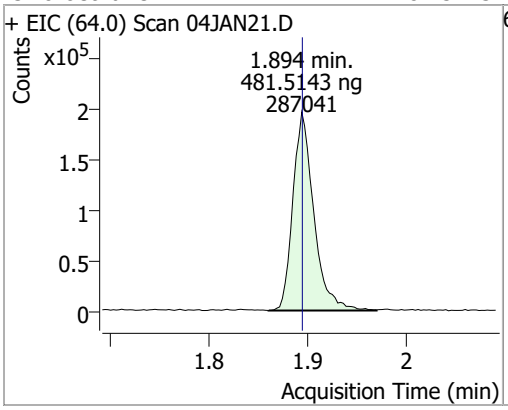
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	515.0141	1.79	-0.01	277301	94.0	106.8	74.6	134.6

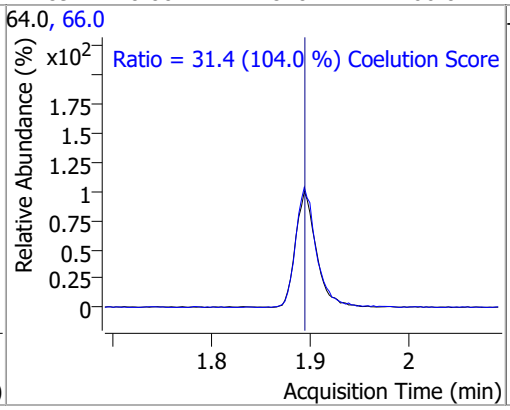


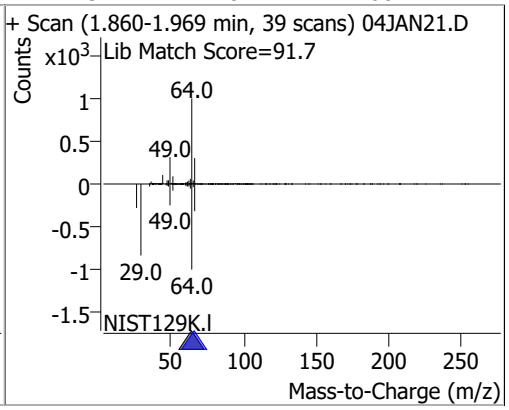




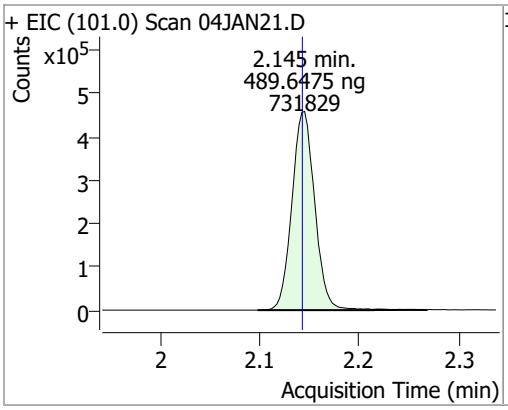
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	481.5143	1.89	0.00	287041	66.0	31.4	0.1	60.1

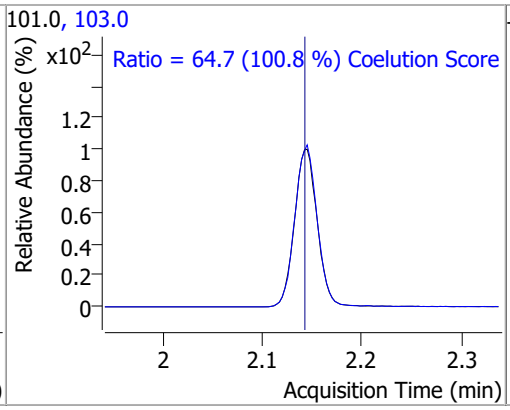


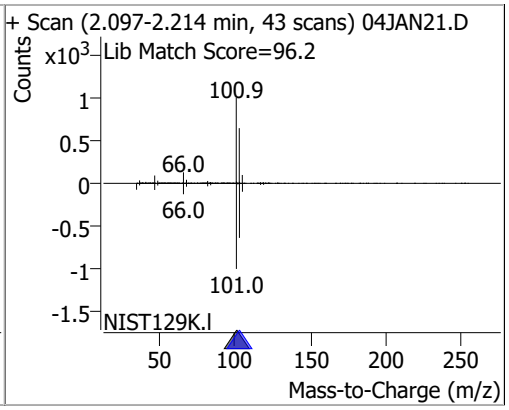




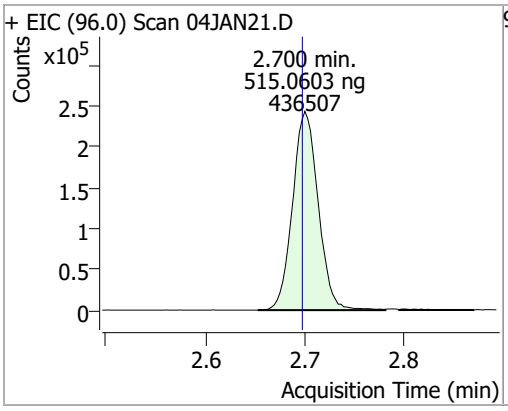
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	489.6475	2.14	0.00	731829	103.0	64.7	34.2	94.2

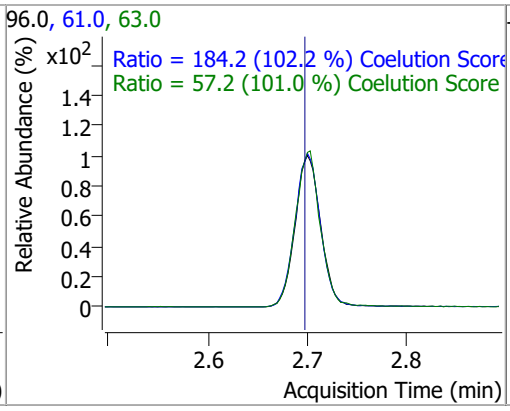


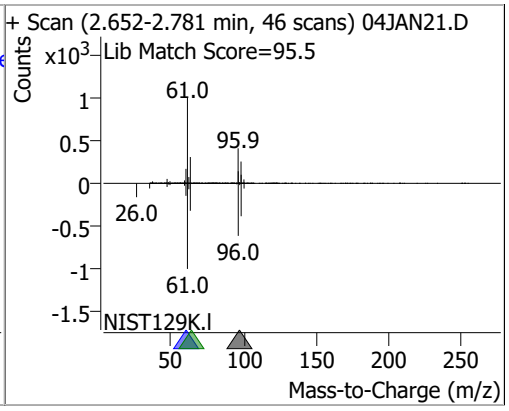




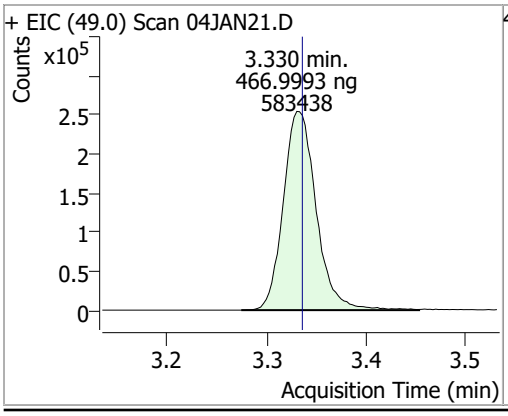
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	515.0603	2.70	0.00	436507	61.0	184.2	150.3	210.3
					63.0	57.2	26.7	86.7

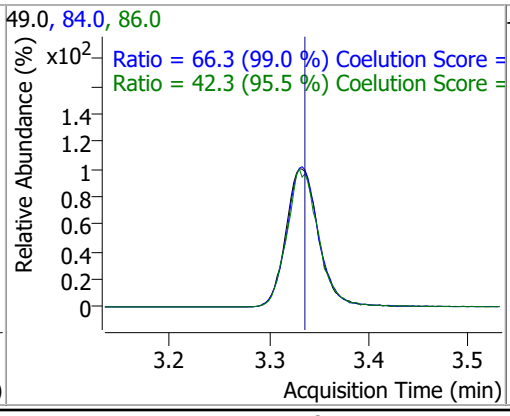


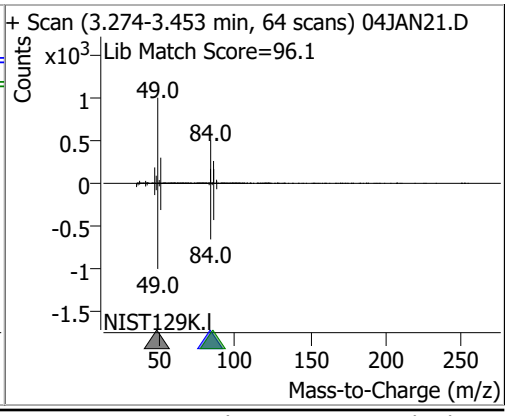




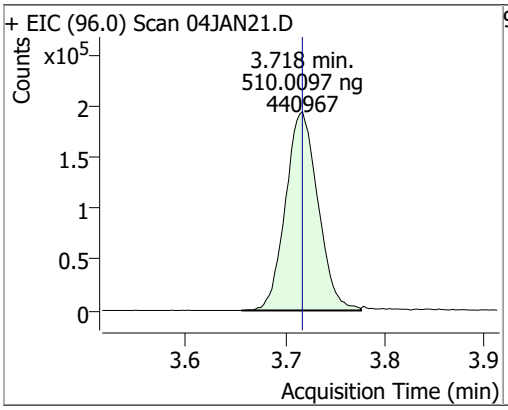
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	466.9993	3.33	-0.01	583438	84.0	66.3	36.9	96.9
					86.0	42.3	14.3	74.3

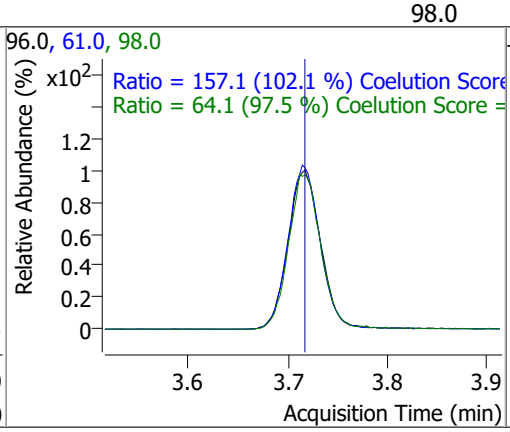


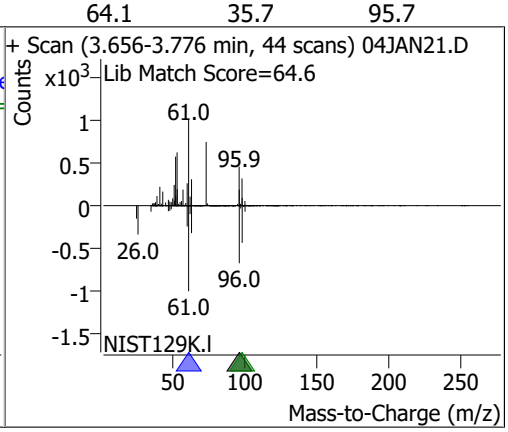




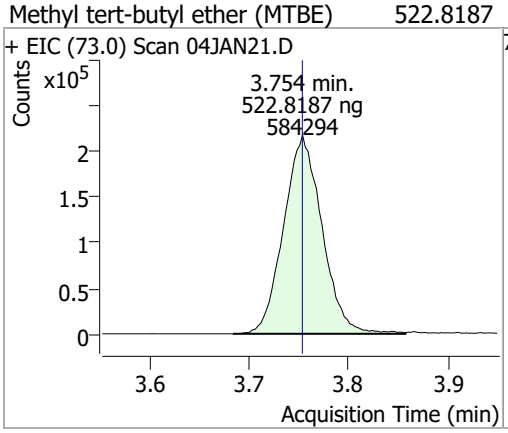
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	510.0097	3.72	0.00	440967	61.0	157.1	123.9	183.9
					98.0	64.1	35.7	95.7

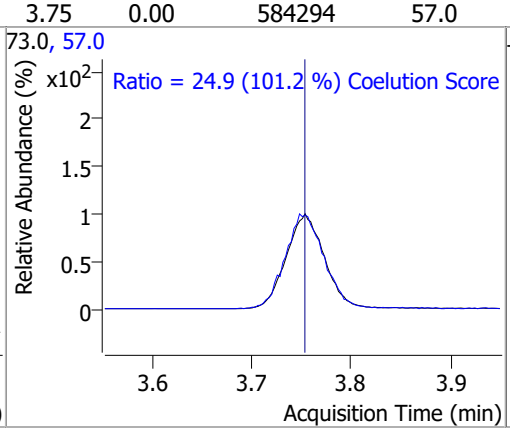


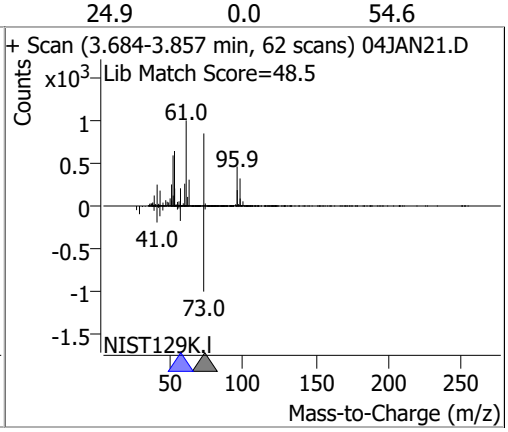




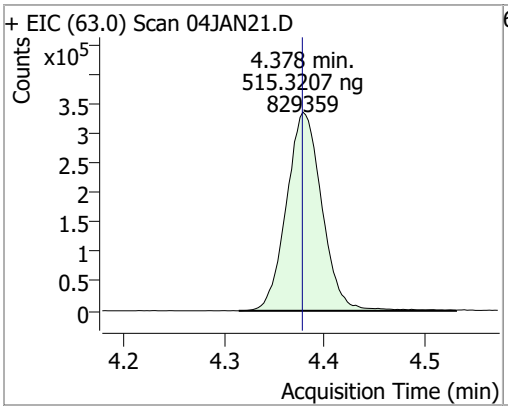
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	522.8187	3.75	0.00	584294	57.0	24.9	0.0	54.6

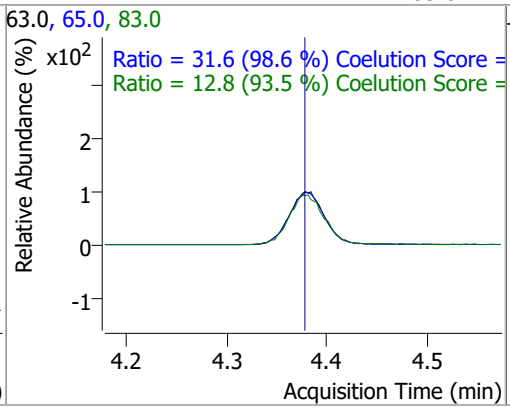


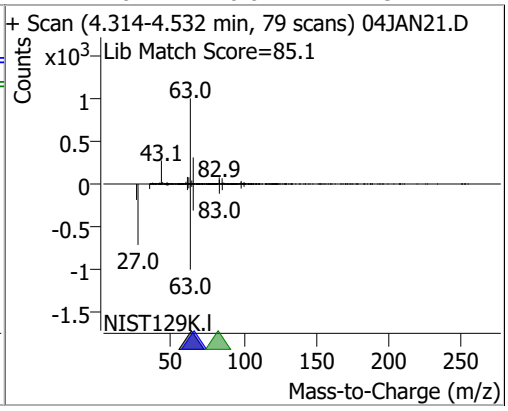




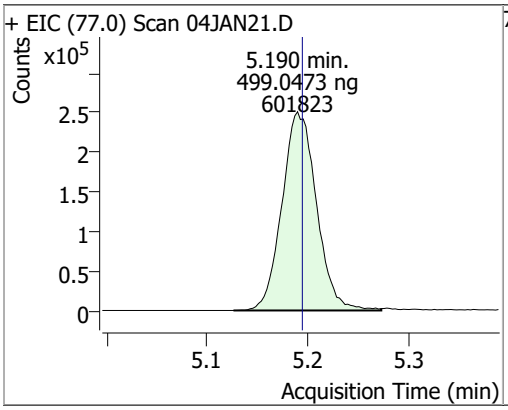
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	515.3207	4.38	0.00	829359	65.0	31.6	2.1	62.1
					83.0	12.8	0.0	43.7

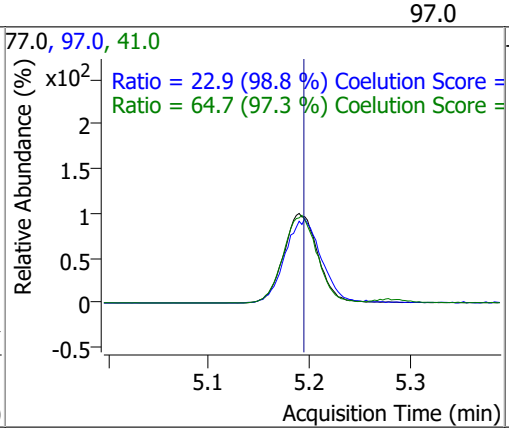


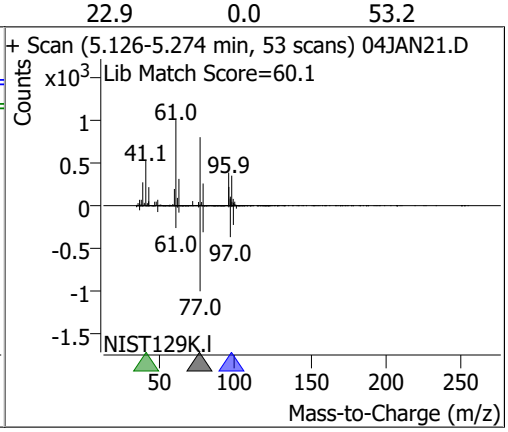




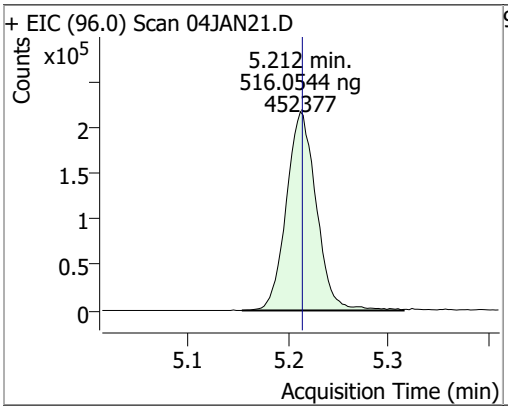
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	499.0473	5.19	-0.01	601823	41.0	64.7	36.5	96.5
					97.0	22.9	0.0	53.2

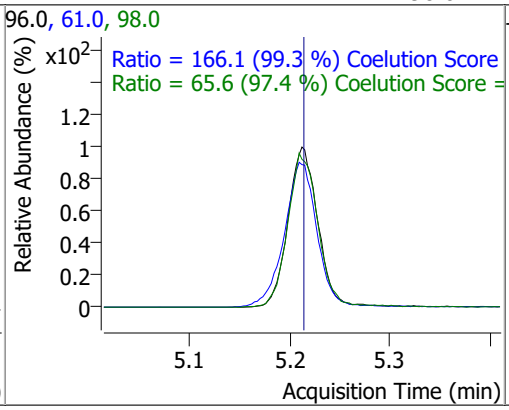


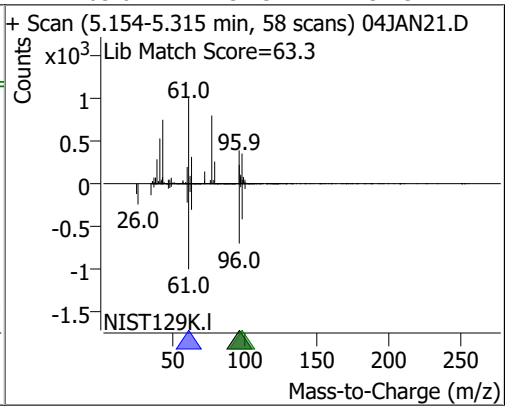




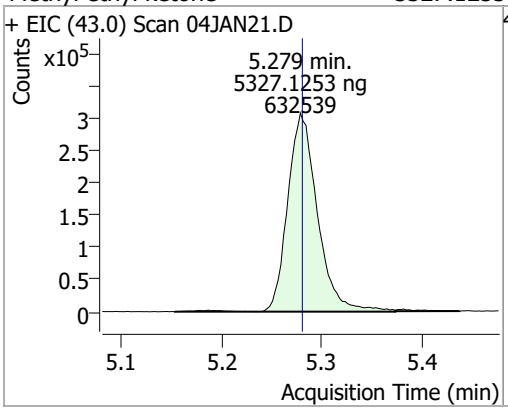
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	516.0544	5.21	0.00	452377	61.0	166.1	137.2	197.2
					98.0	65.6	37.3	97.3

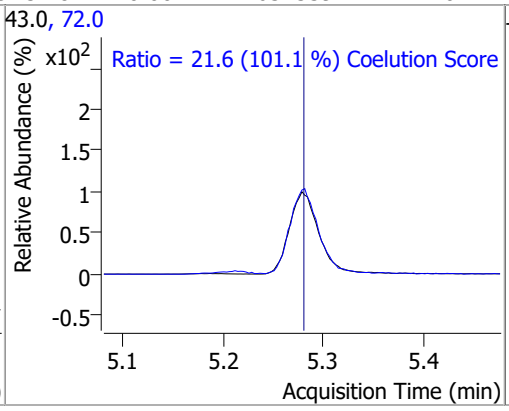


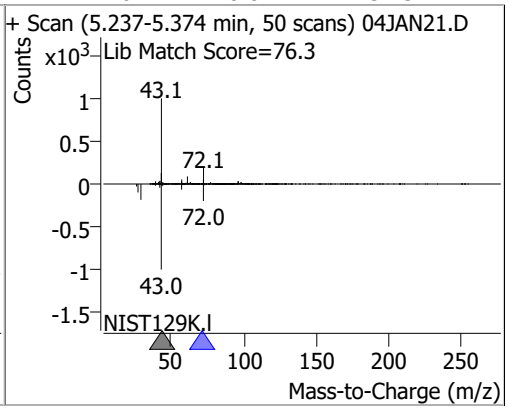




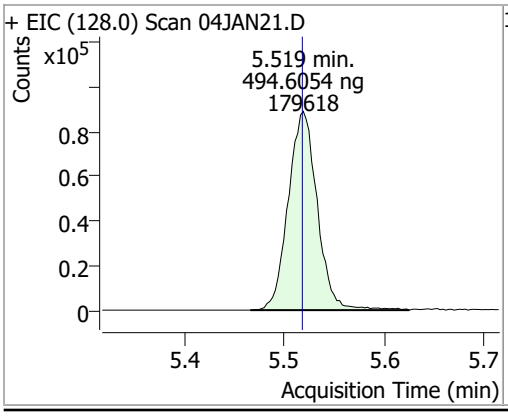
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	5327.1253	5.28	0.00	632539	72.0	21.6	0.0	51.3

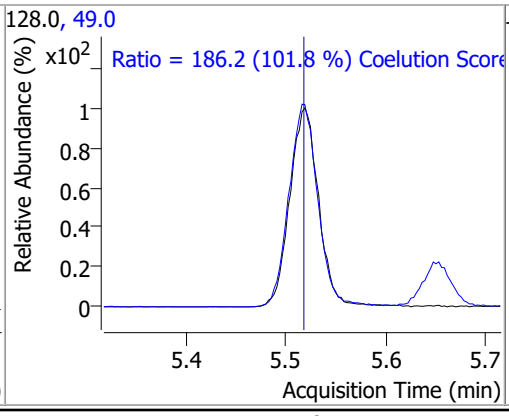


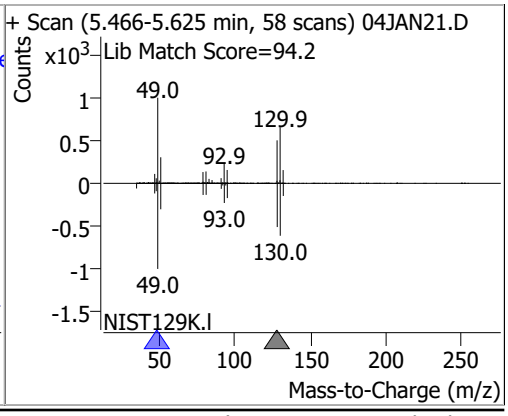




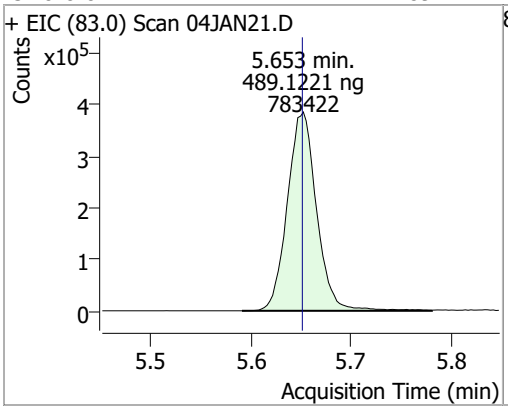
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	494.6054	5.52	0.00	179618	49.0	186.2	152.9	212.9

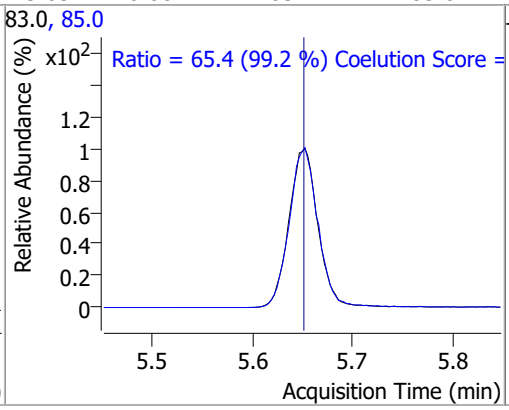


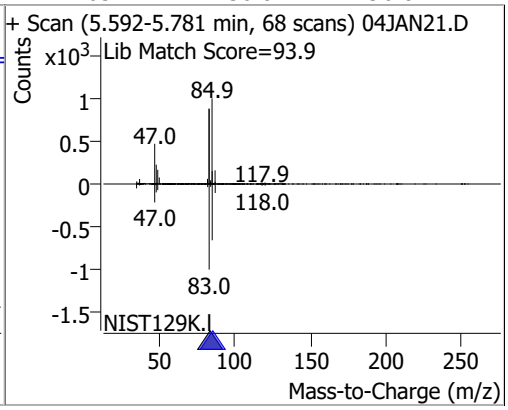




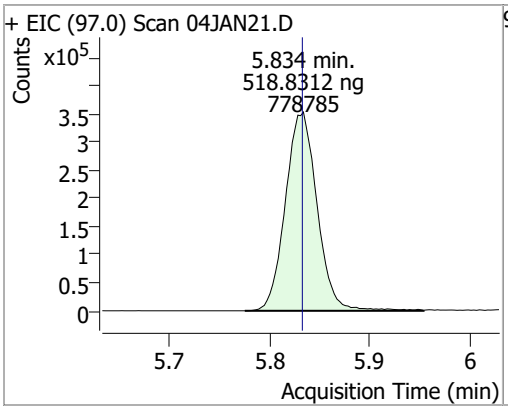
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	489.1221	5.65	0.00	783422	85.0	65.4	36.0	96.0

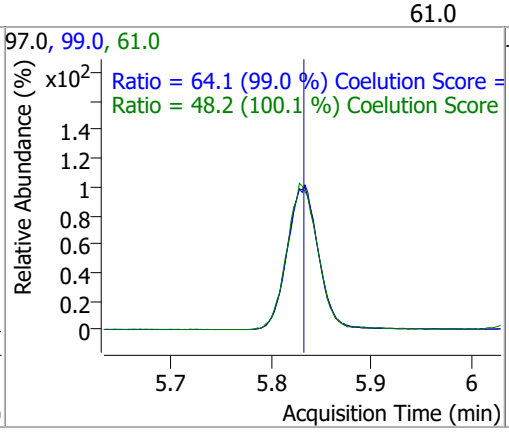


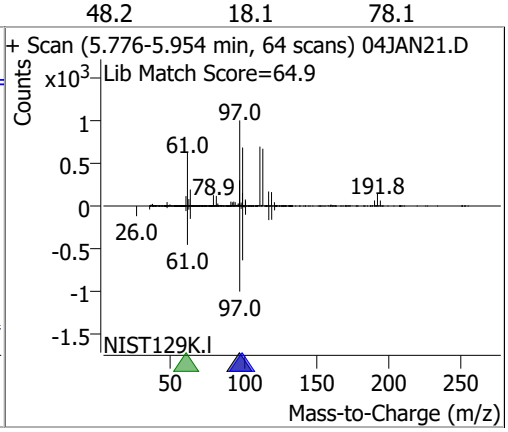




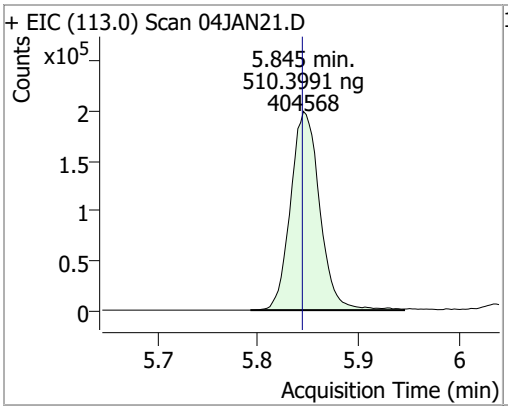
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	518.8312	5.83	0.00	778785	99.0	64.1	34.7	94.7
					61.0	48.2	18.1	78.1

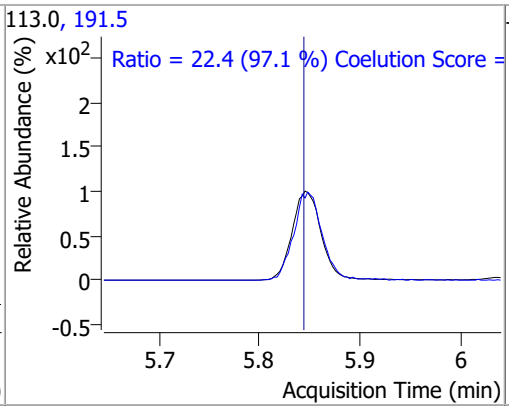


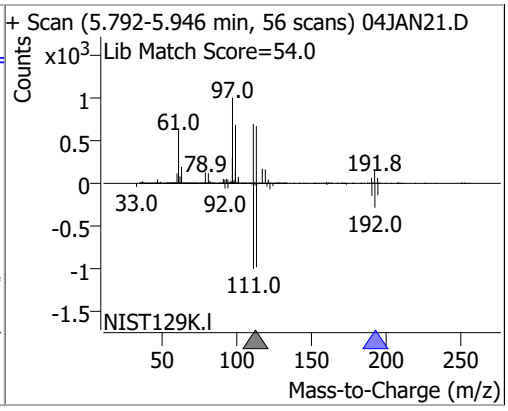




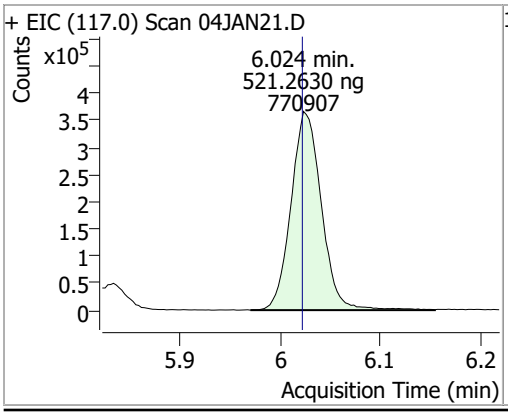
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	510.3991	5.85	0.00	404568	191.5	22.4	0.0	53.1

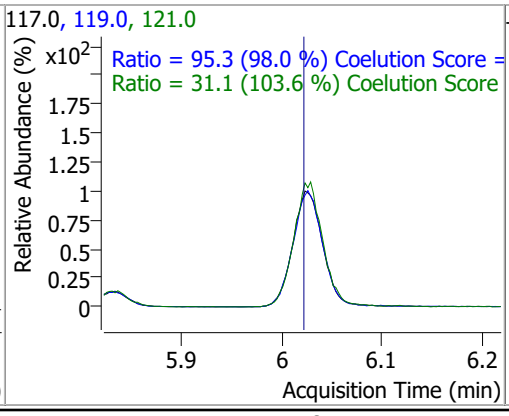


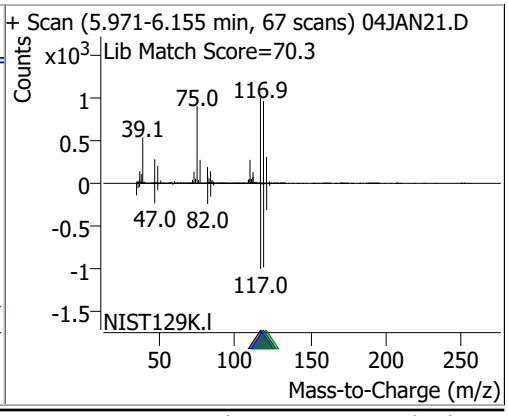




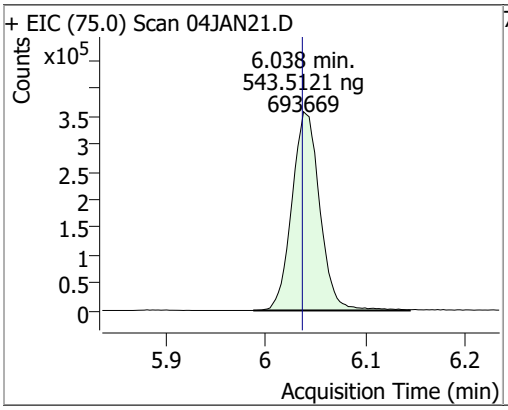
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	521.2630	6.02	0.00	770907	119.0	95.3	67.2	127.2
					121.0	31.1	0.1	60.1

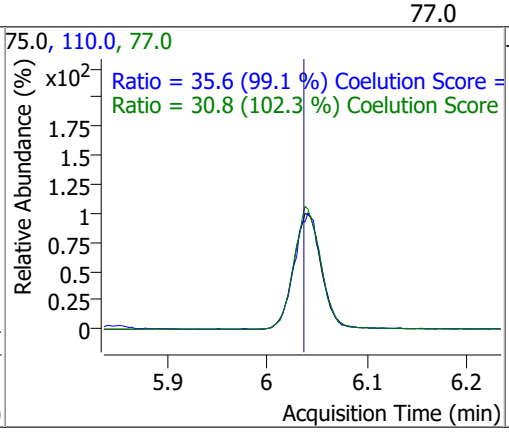


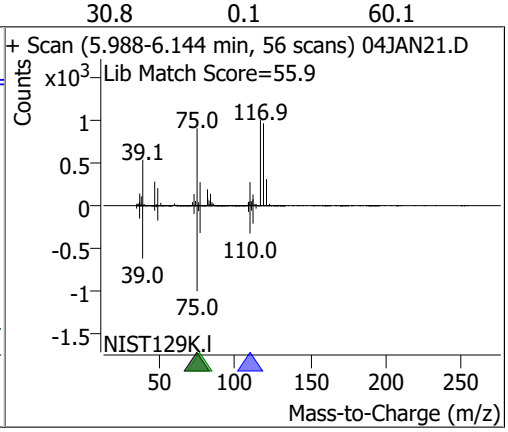




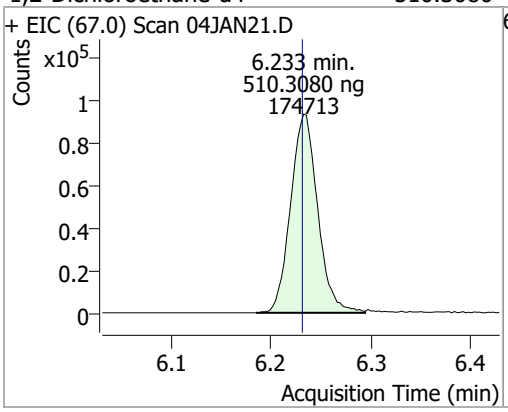
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	543.5121	6.04	0.00	693669	110.0	35.6	5.9	65.9
					77.0	30.8	0.1	60.1

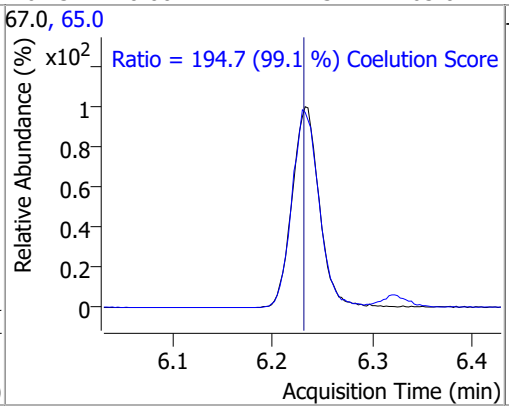


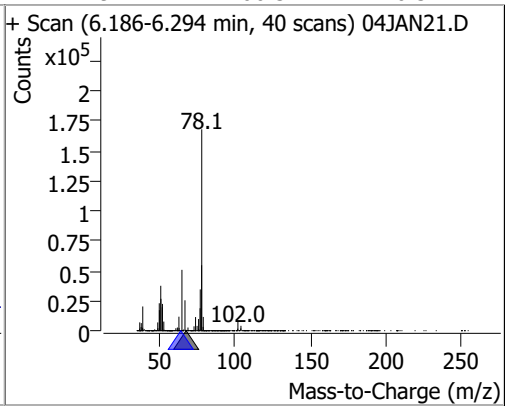




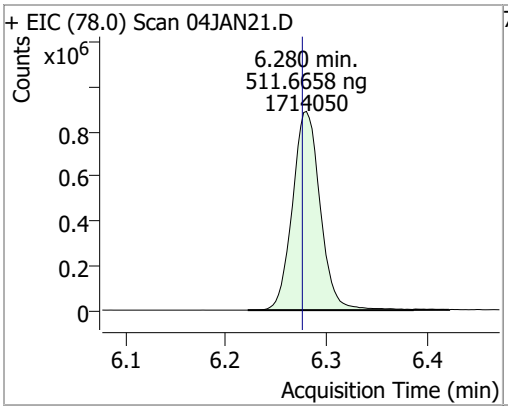
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	510.3080	6.23	0.00	174713	65.0	194.7	166.5	226.5

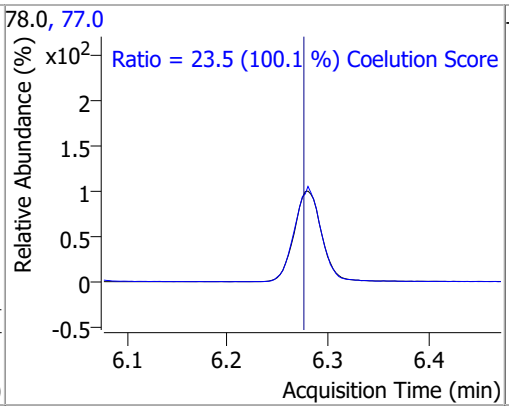


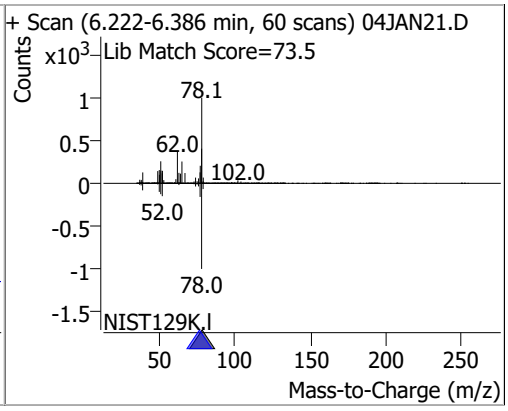




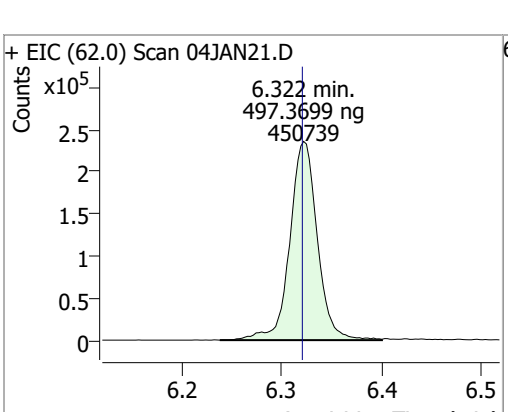
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	511.6658	6.28	0.00	1714050	77.0	23.5	0.0	53.5

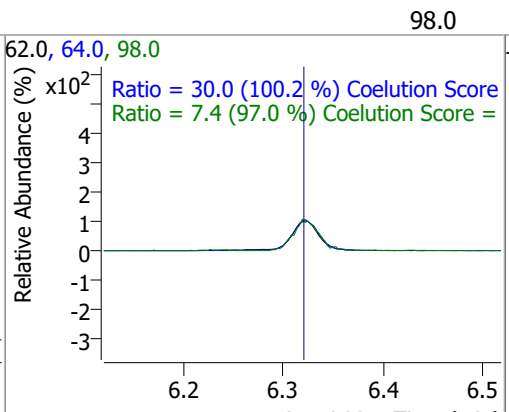


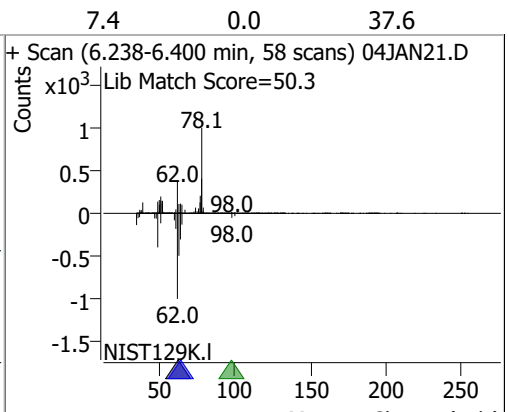




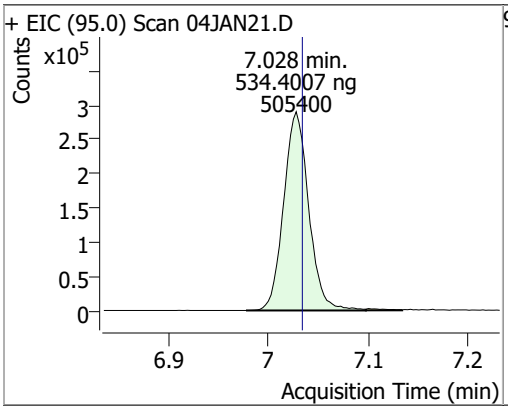
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	497.3699	6.32	0.00	450739	64.0	30.0	0.0	59.9
					98.0	7.4	0.0	37.6

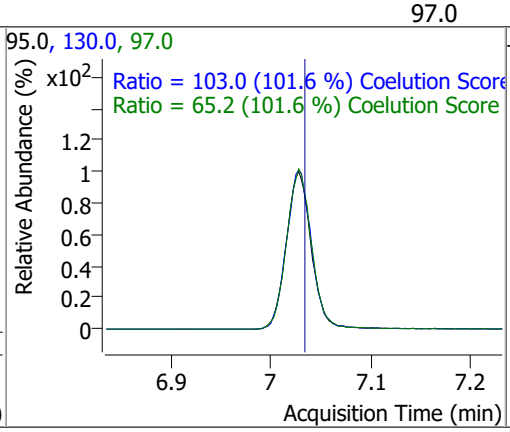


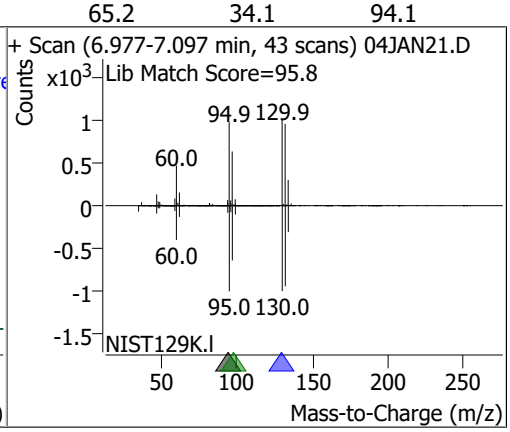




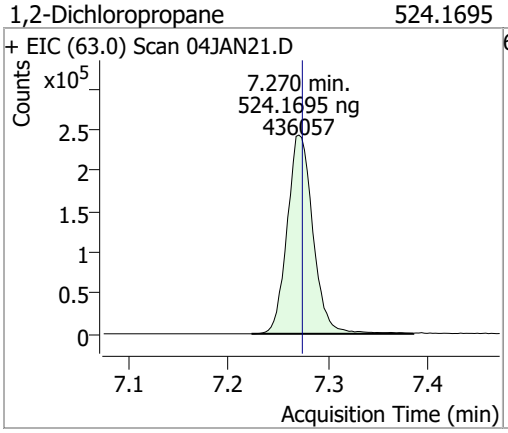
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	534.4007	7.03	0.00	505400	130.0	103.0	71.5	131.5
					97.0	65.2	34.1	94.1

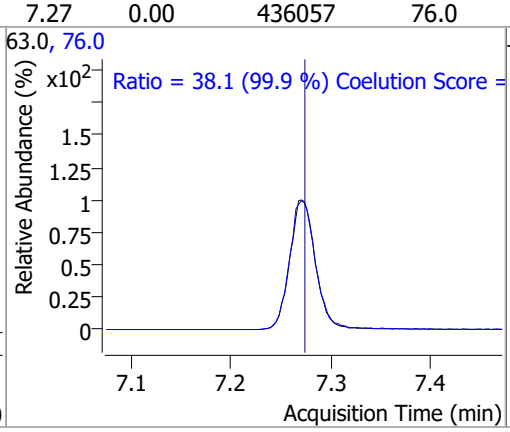


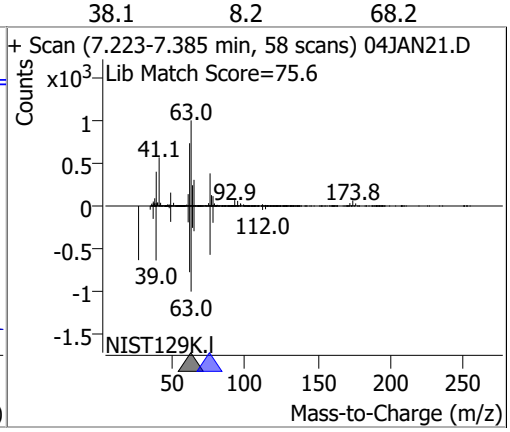




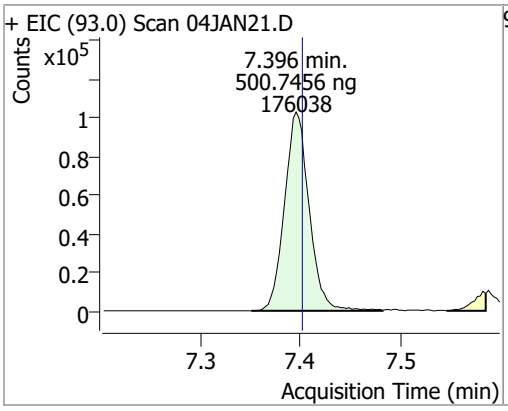
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	524.1695	7.27	0.00	436057	76.0	38.1	8.2	68.2

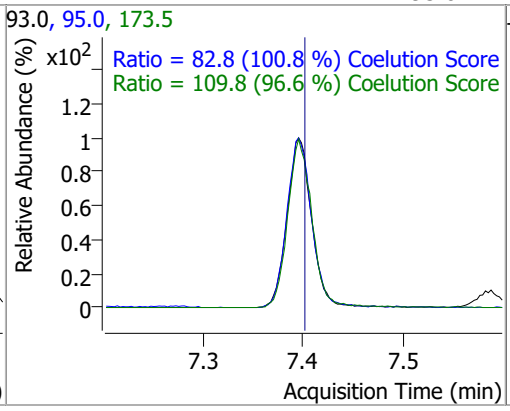


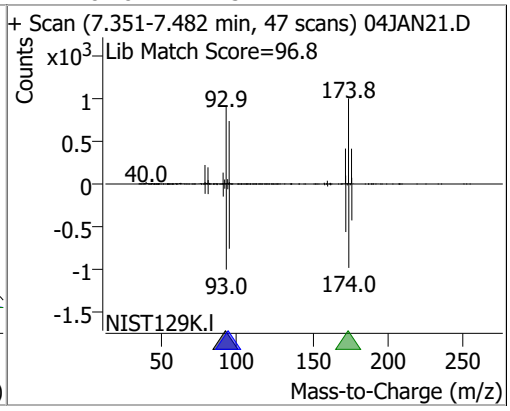




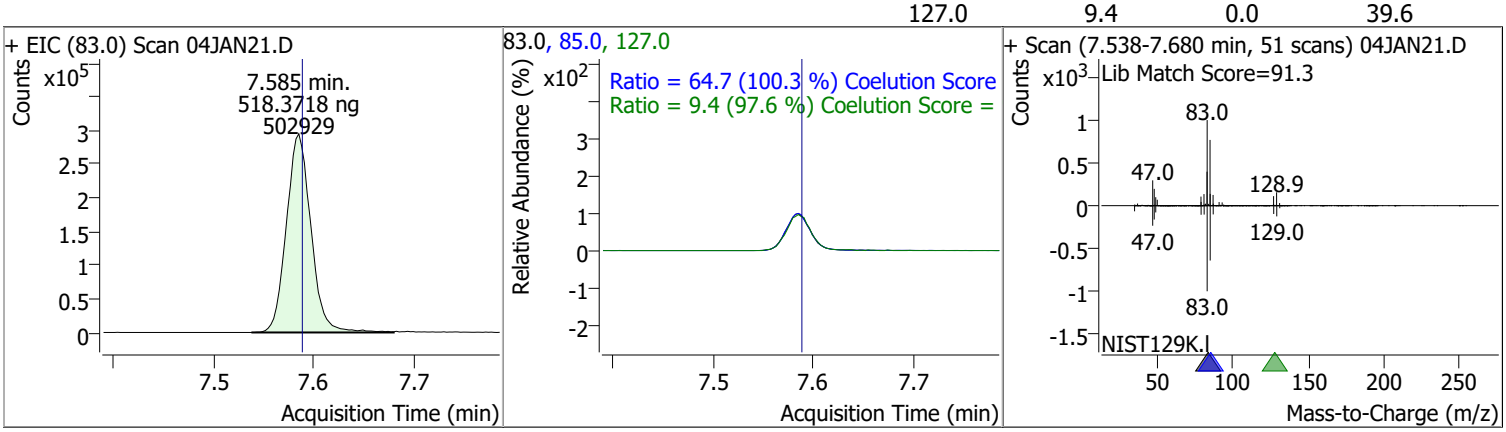
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	500.7456	7.40	0.00	176038	173.5	109.8	83.7	143.7
					95.0	82.8	52.2	112.2



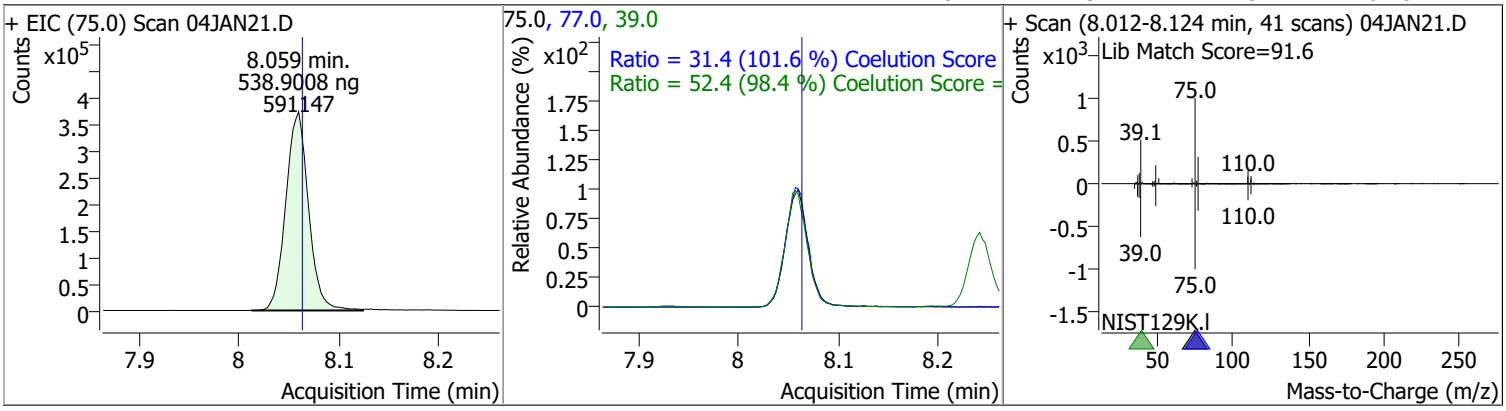




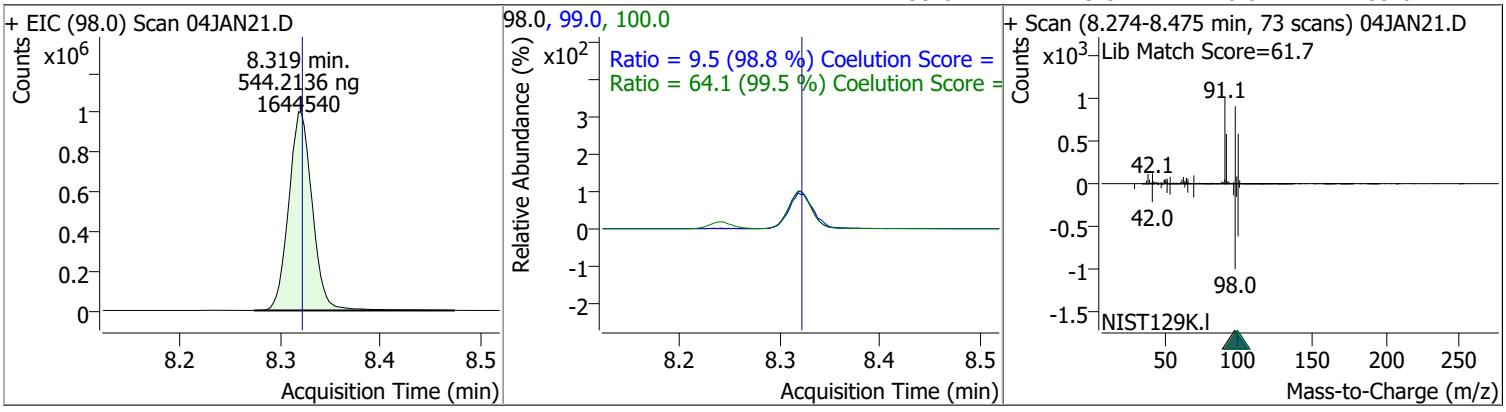
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	518.3718	7.59	0.00	502929	85.0	64.7	34.5	94.5
					127.0	9.4	0.0	39.6



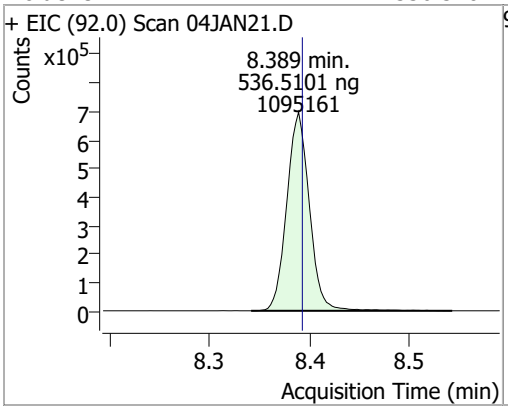
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	538.9008	8.06	0.00	591147	39.0	52.4	23.3	83.3
					77.0	31.4	1.0	61.0

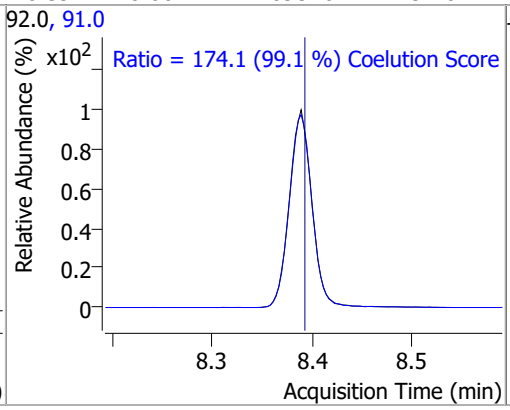


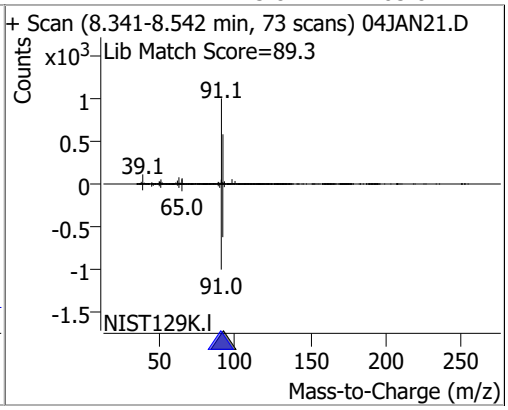
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	544.2136	8.32	0.00	1644540	100.0	64.1	34.4	94.4
					99.0	9.5	0.0	39.6



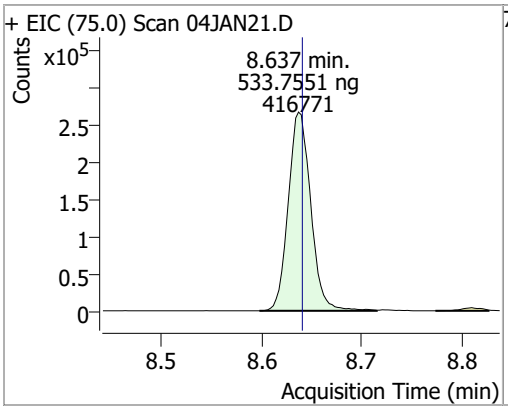
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	536.5101	8.39	0.00	1095161	91.0	174.1	145.8	205.8

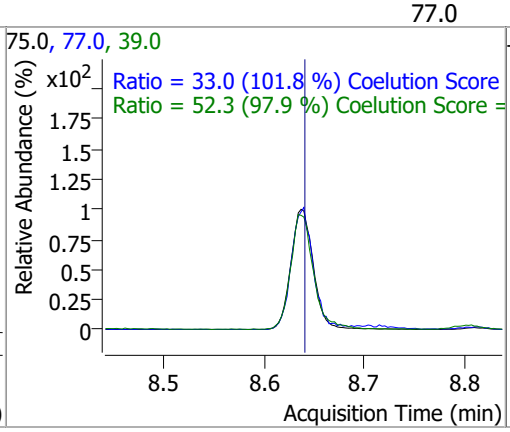


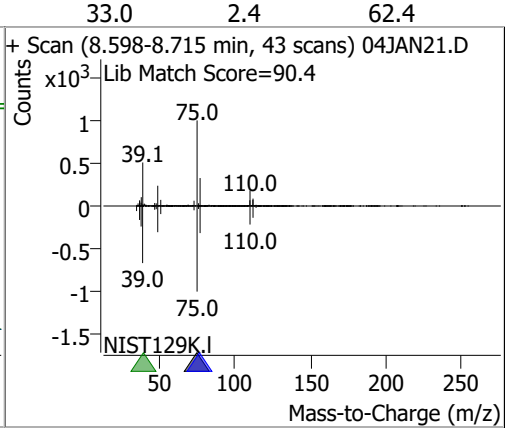




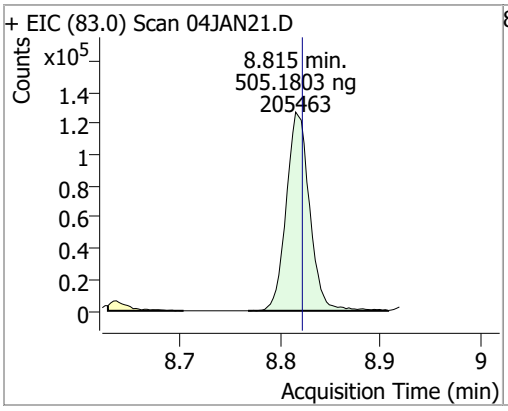
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	533.7551	8.64	0.00	416771	39.0	52.3	23.4	83.4
					77.0	33.0	2.4	62.4

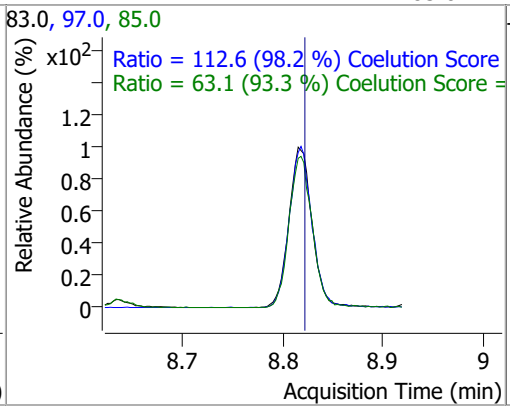


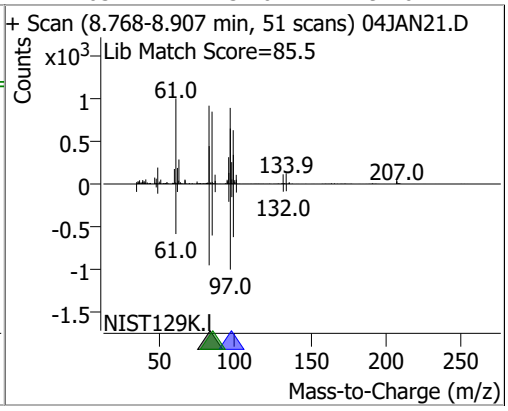




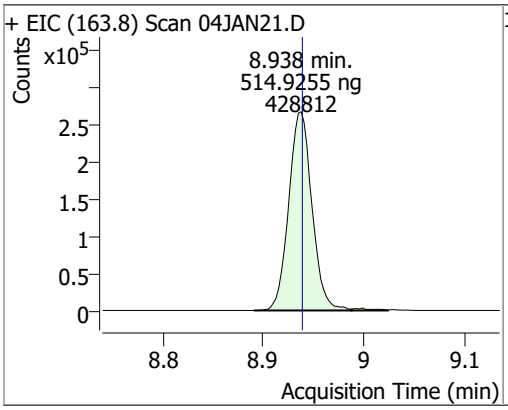
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	505.1803	8.82	0.00	205463	97.0	112.6	84.6	144.6
					85.0	63.1	37.6	97.6

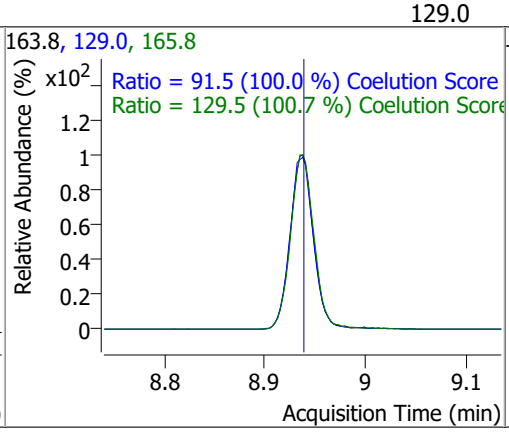


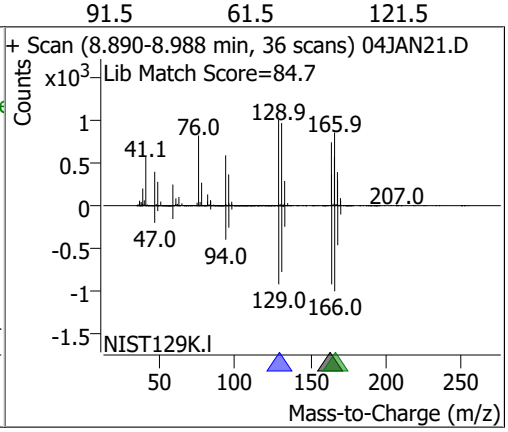




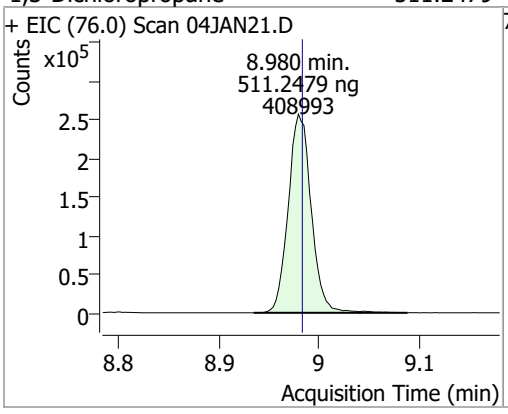
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	514.9255	8.94	0.00	428812	165.8	129.5	98.6	158.6
					129.0	91.5	61.5	121.5

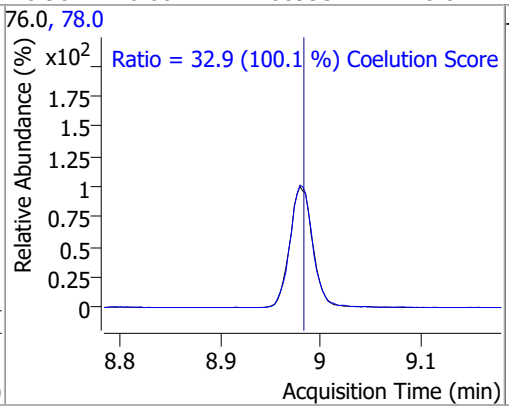


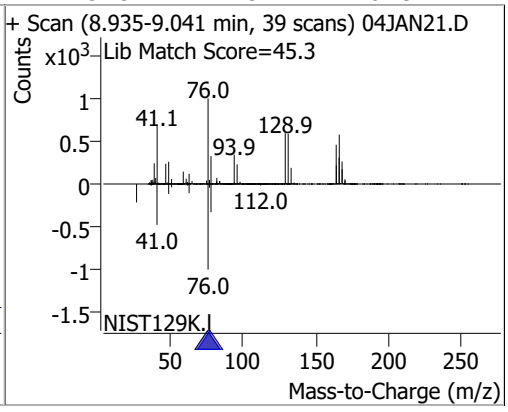




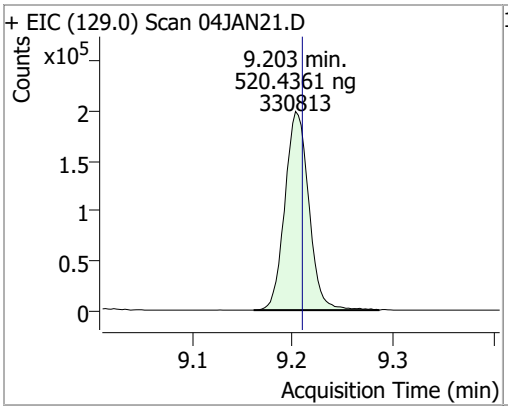
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	511.2479	8.98	0.00	408993	78.0	32.9	2.9	62.9

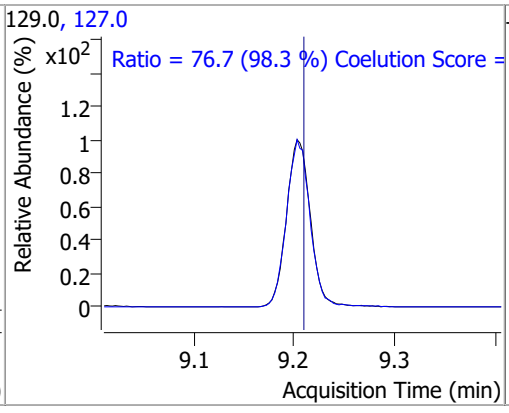


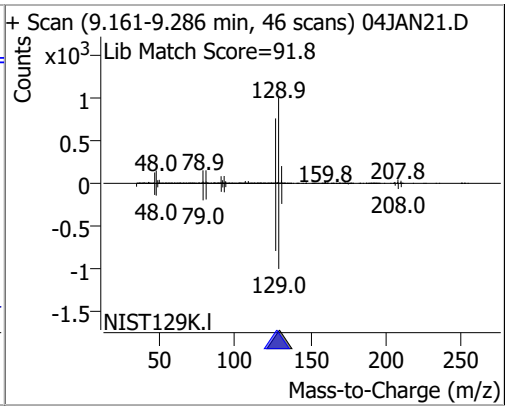




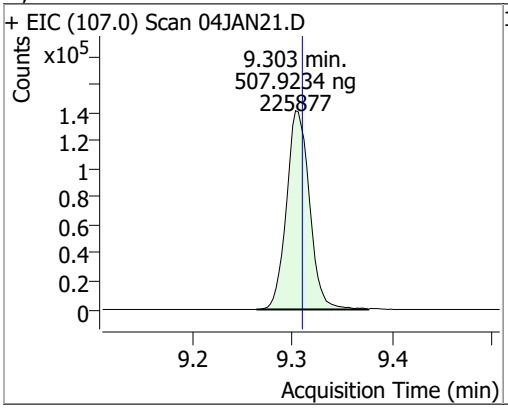
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	520.4361	9.20	0.00	330813	127.0	76.7	48.0	108.0

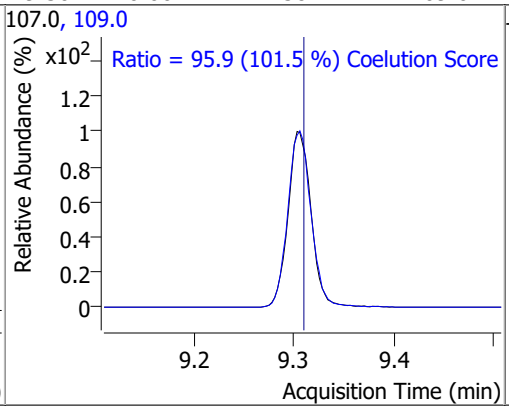


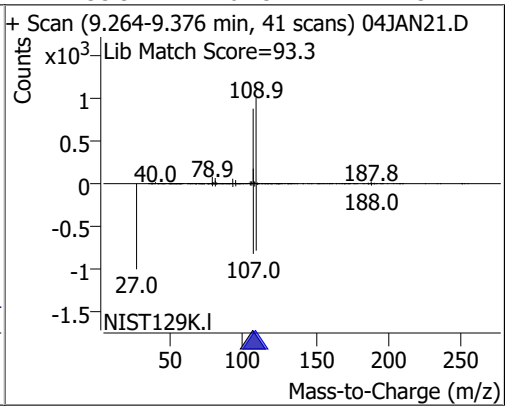




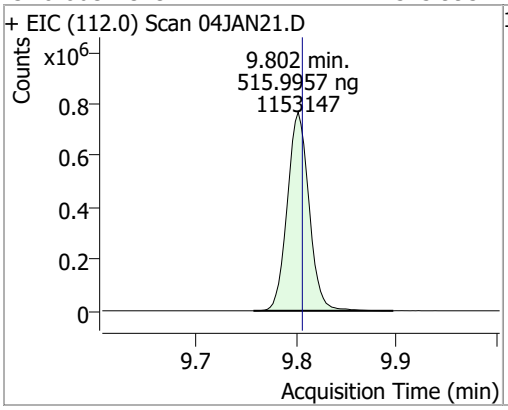
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	507.9234	9.30	0.00	225877	109.0	95.9	64.5	124.5

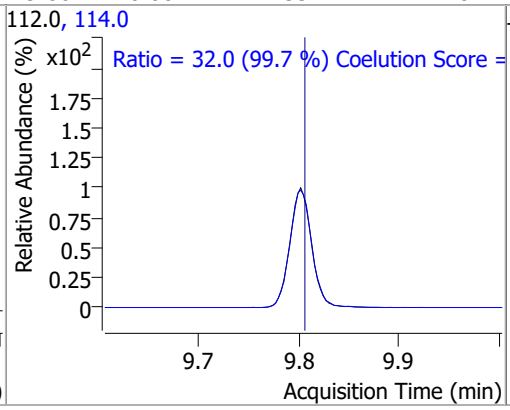


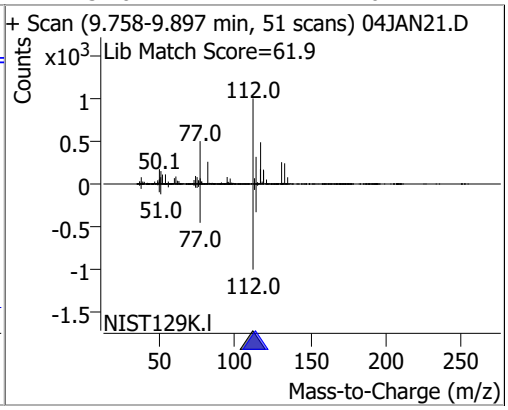




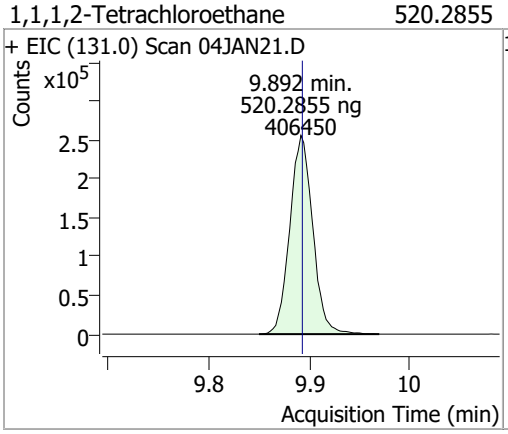
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	515.9957	9.80	0.00	1153147	114.0	32.0	2.1	62.1

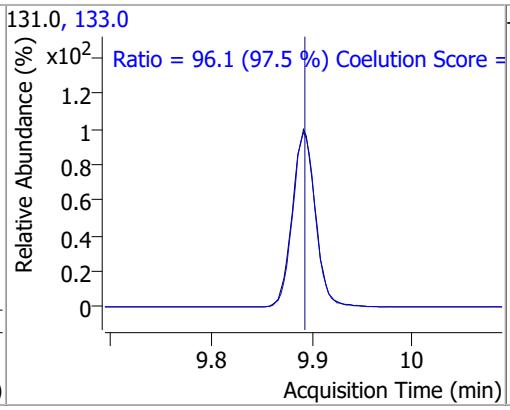


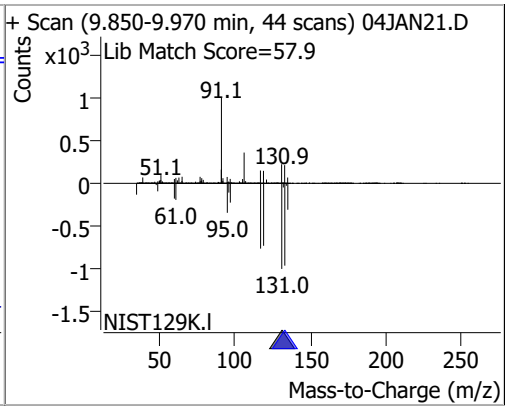




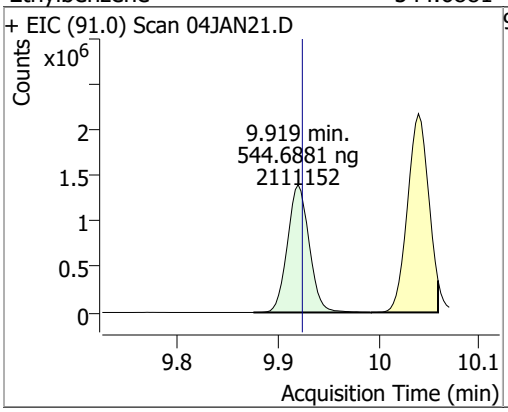
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	520.2855	9.89	0.00	406450	133.0	96.1	68.6	128.6

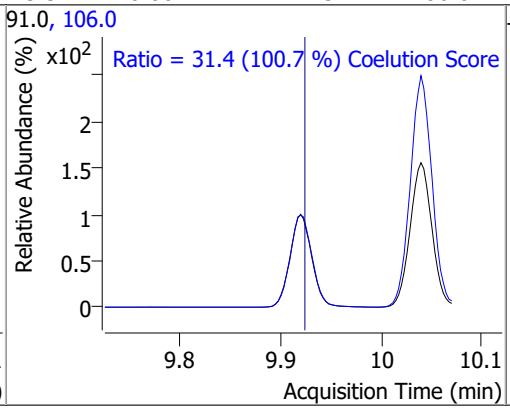


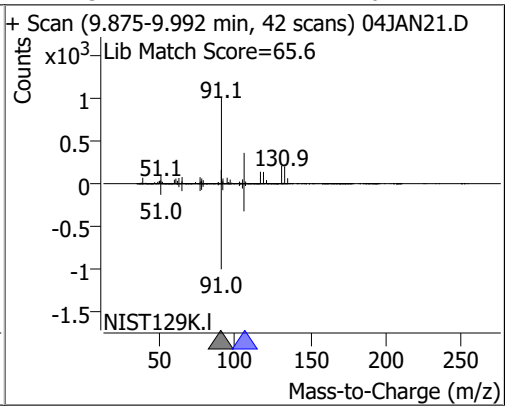




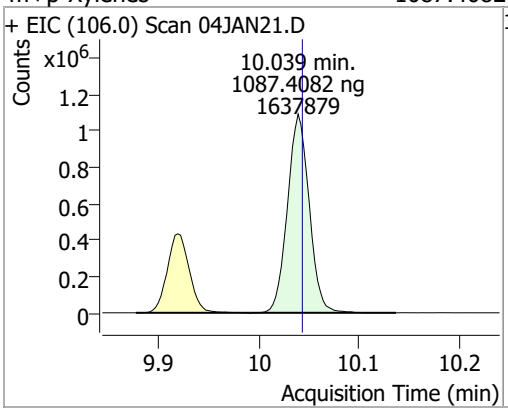
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	544.6881	9.92	0.00	2111152	106.0	31.4	1.1	61.1

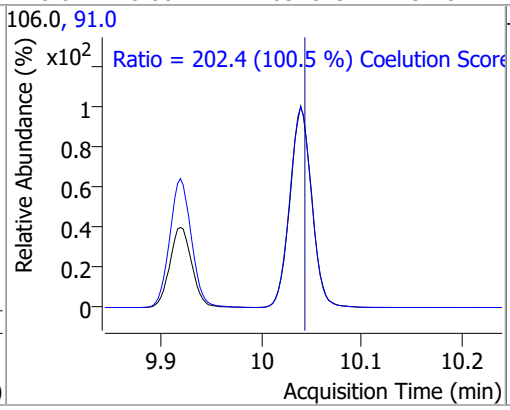


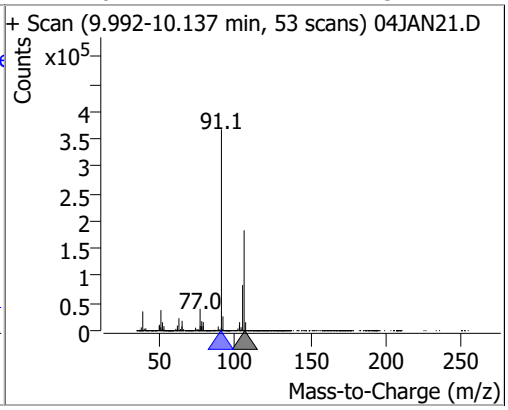




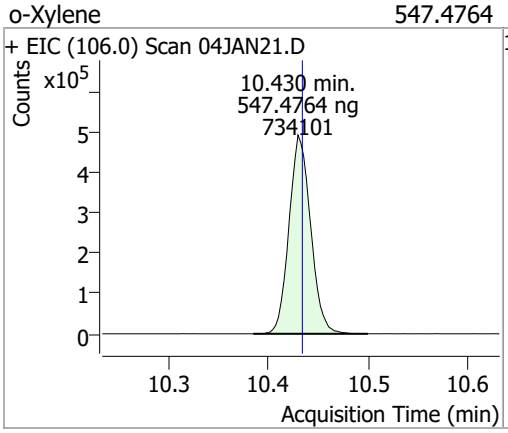
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	1087.4082	10.04	0.00	1637879	91.0	202.4	171.4	231.4

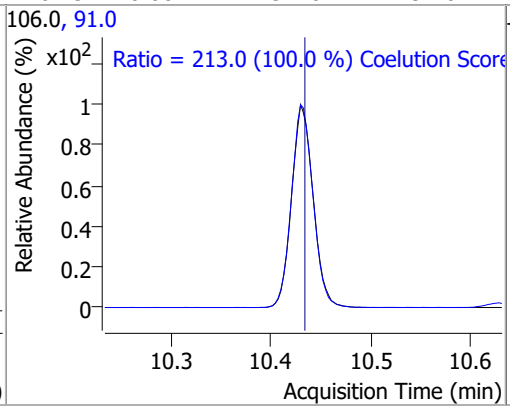


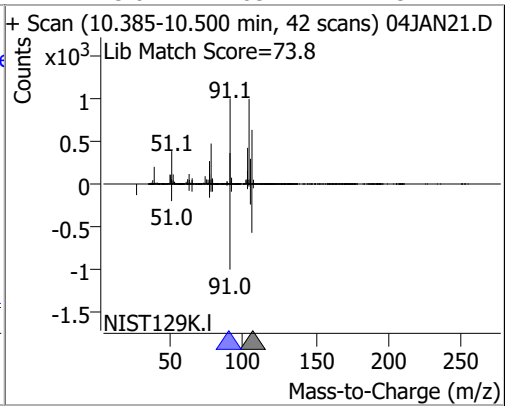




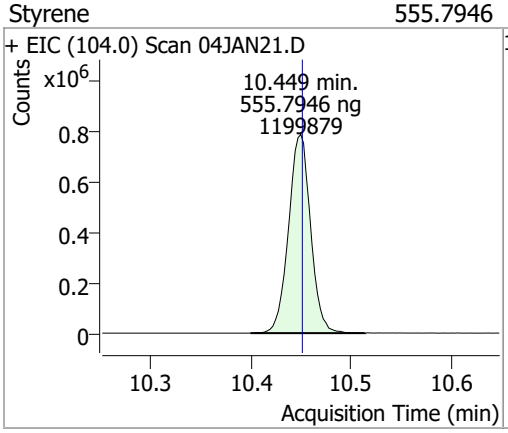
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	547.4764	10.43	0.00	734101	91.0	213.0	183.1	243.1

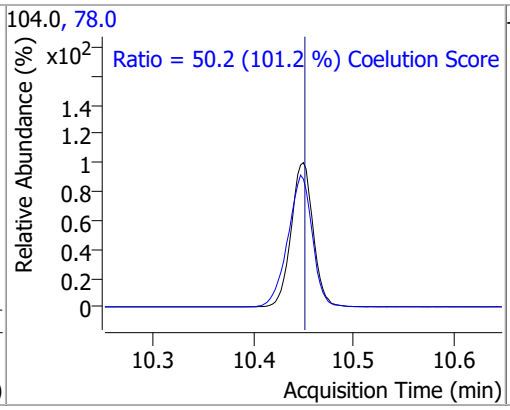


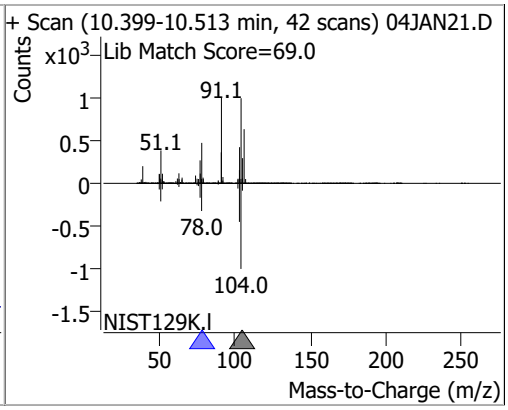




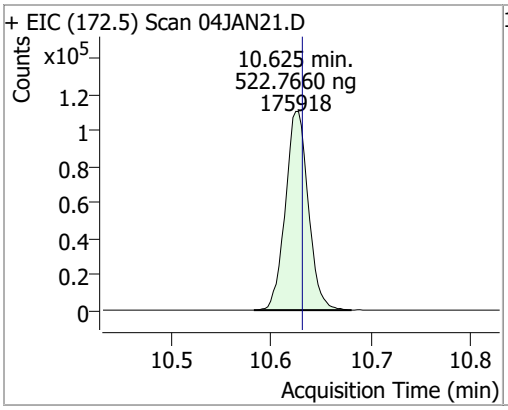
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	555.7946	10.45	0.00	1199879	78.0	50.2	19.6	79.6

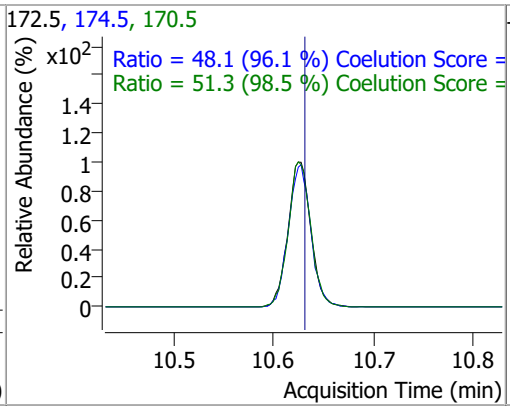


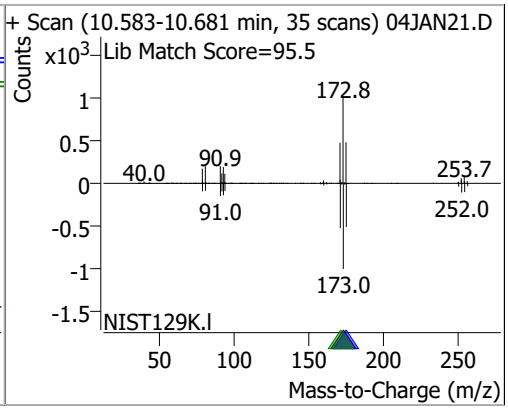




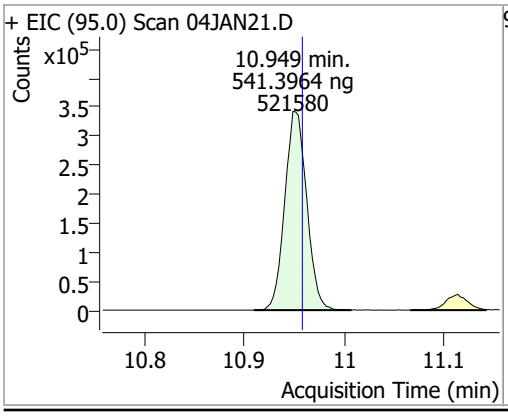
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	522.7660	10.63	0.00	175918	170.5	51.3	22.1	82.1
					174.5	48.1	20.1	80.1

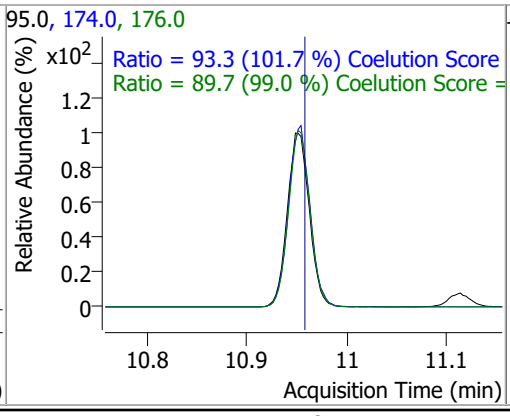


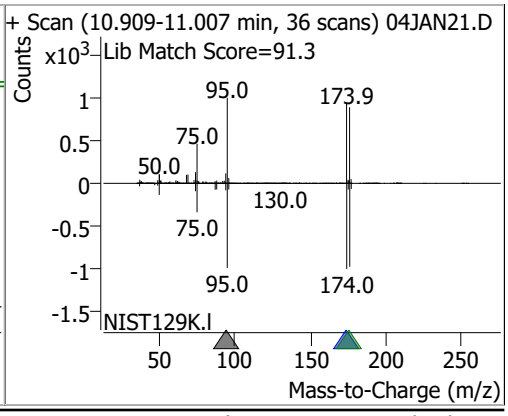




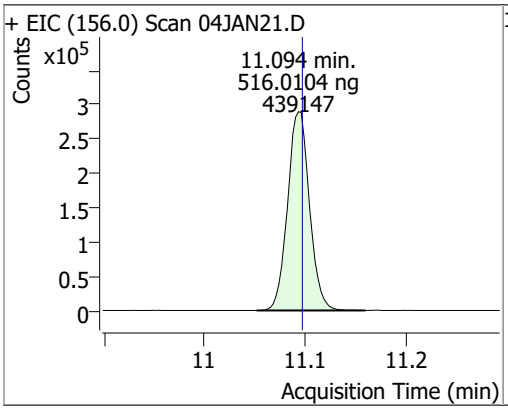
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	541.3964	10.95	-0.01	521580	174.0	93.3	61.7	121.7
					176.0	89.7	60.6	120.6

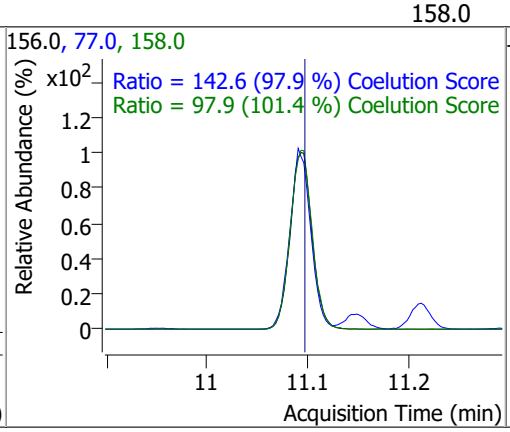


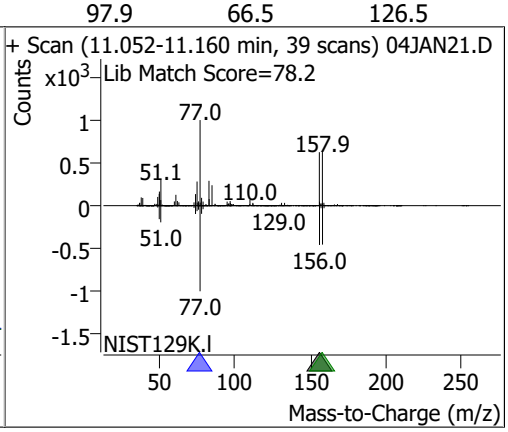




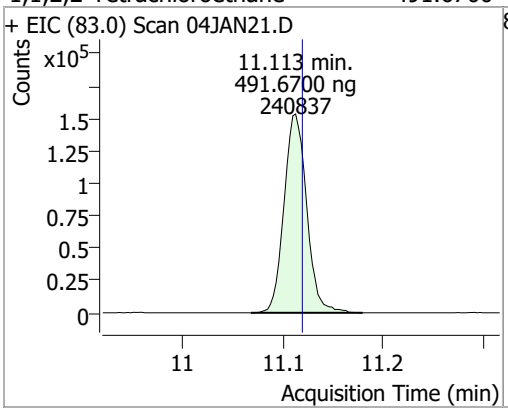
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	516.0104	11.09	0.00	439147	77.0	142.6	115.7	175.7
					158.0	97.9	66.5	126.5

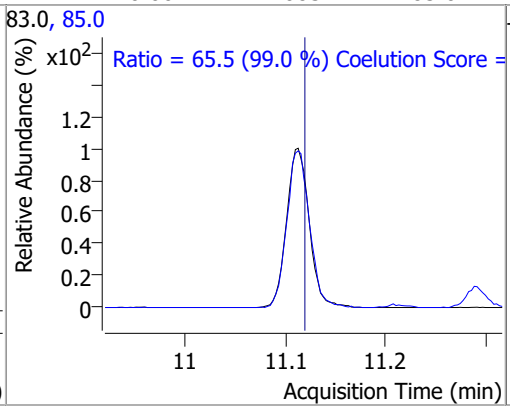


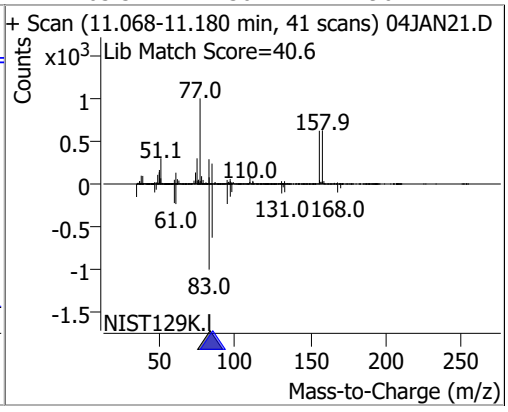




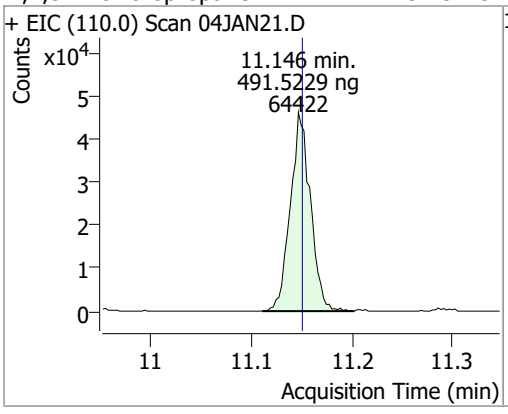
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	491.6700	11.11	0.00	240837	85.0	65.5	36.2	96.2

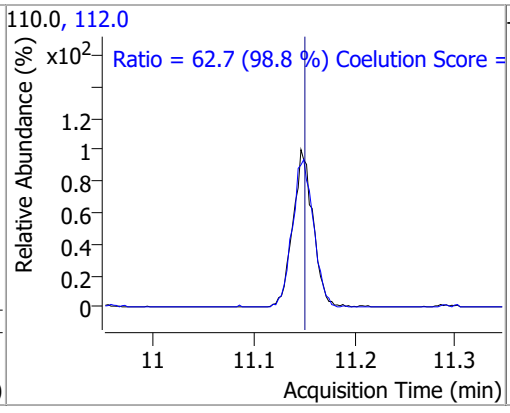


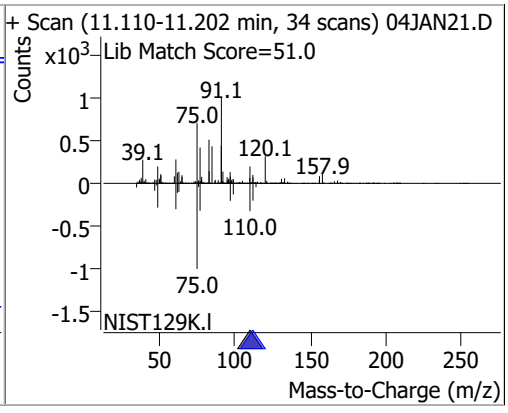




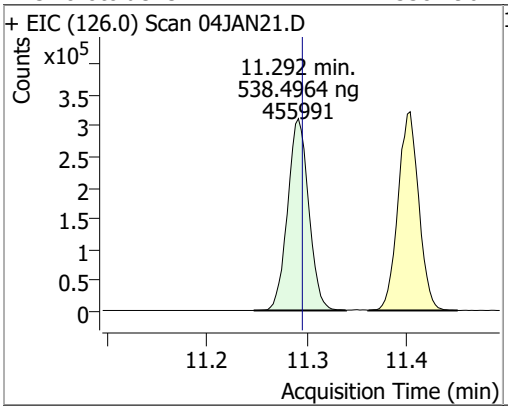
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	491.5229	11.15	0.00	64422	112.0	62.7	33.5	93.5

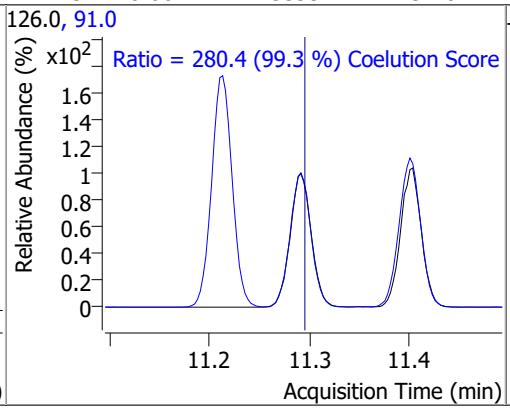


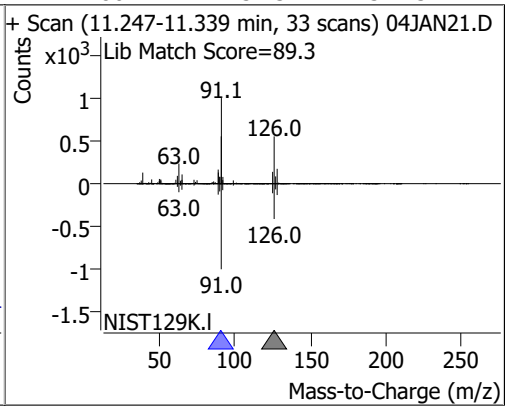




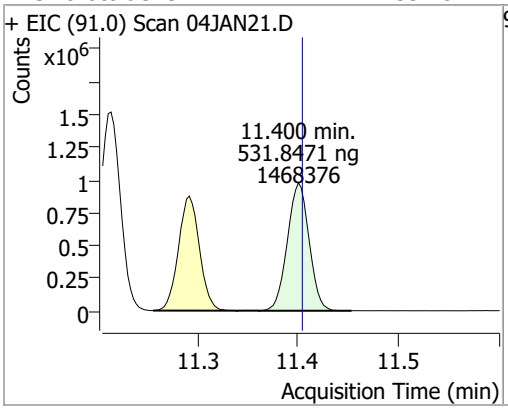
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	538.4964	11.29	0.00	455991	91.0	280.4	252.3	312.3

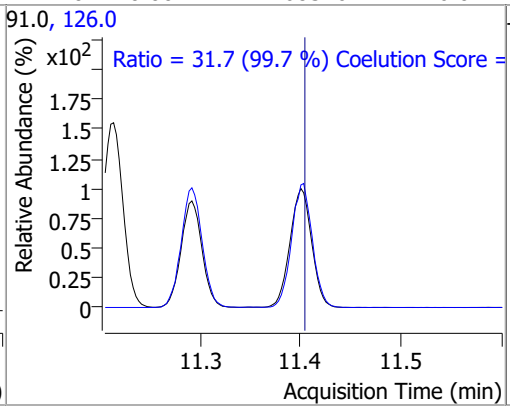


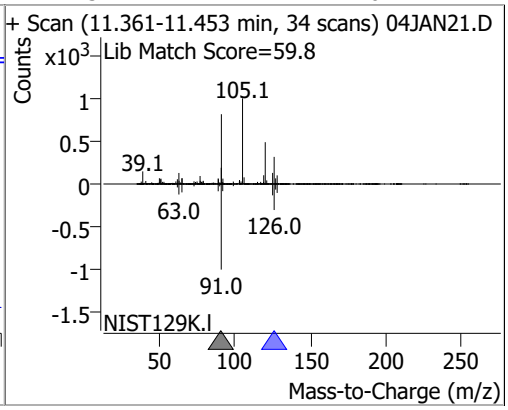




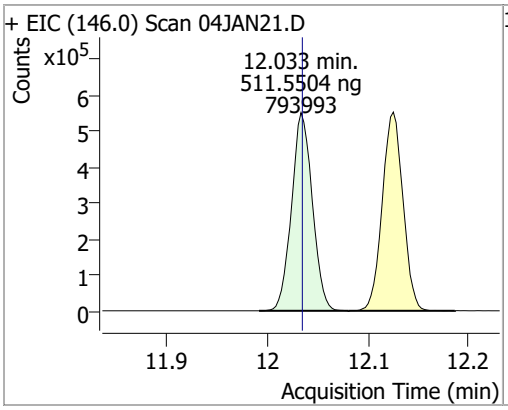
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	531.8471	11.40	0.00	1468376	126.0	31.7	1.7	61.7

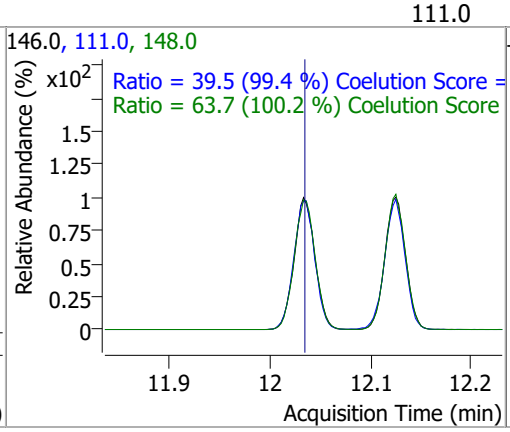


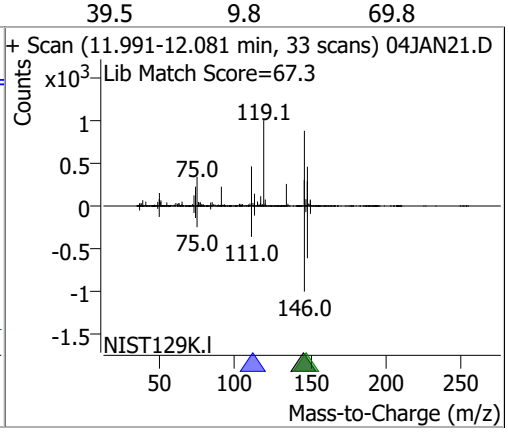




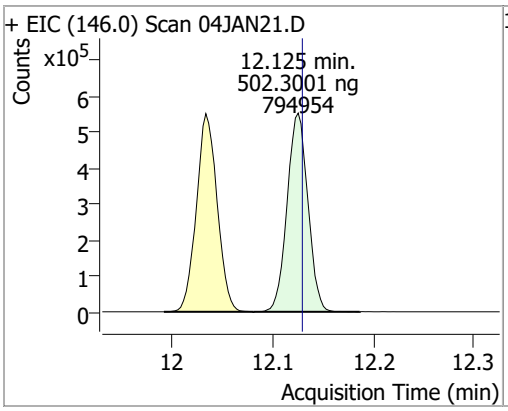
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	511.5504	12.03	0.00	793993	148.0	63.7	33.6	93.6
					111.0	39.5	9.8	69.8

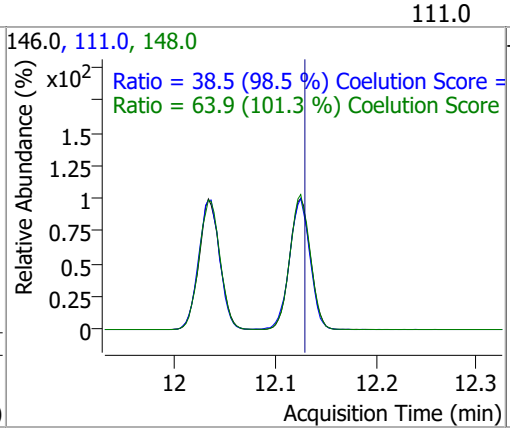


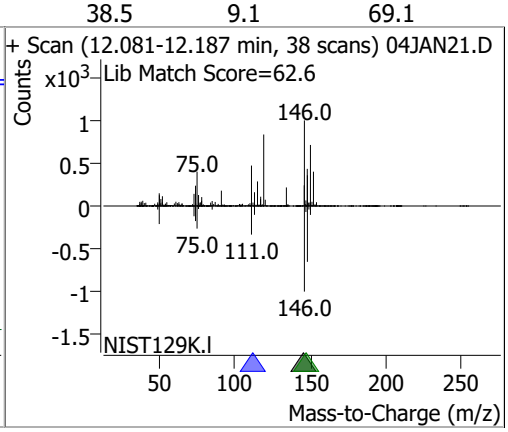




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	502.3001	12.13	0.00	794954	148.0	63.9	33.1	93.1
					111.0	38.5	9.1	69.1

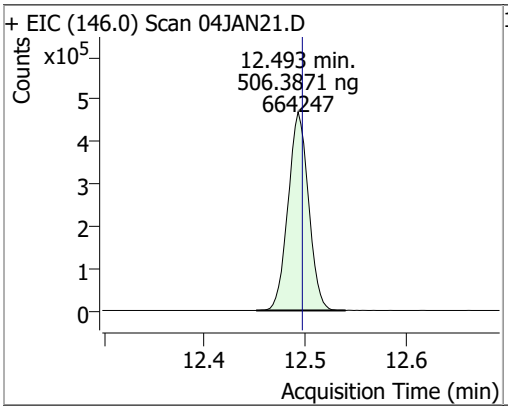


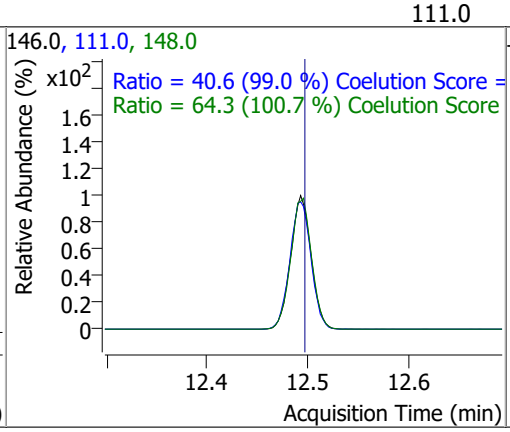


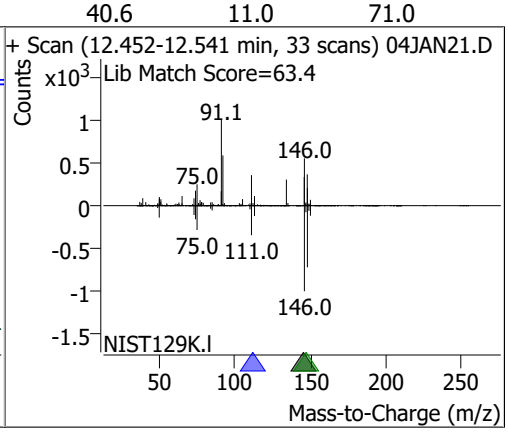


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	506.3871	12.49	0.00	664247	148.0	64.3	33.9	93.9
					111.0	40.6	11.0	71.0

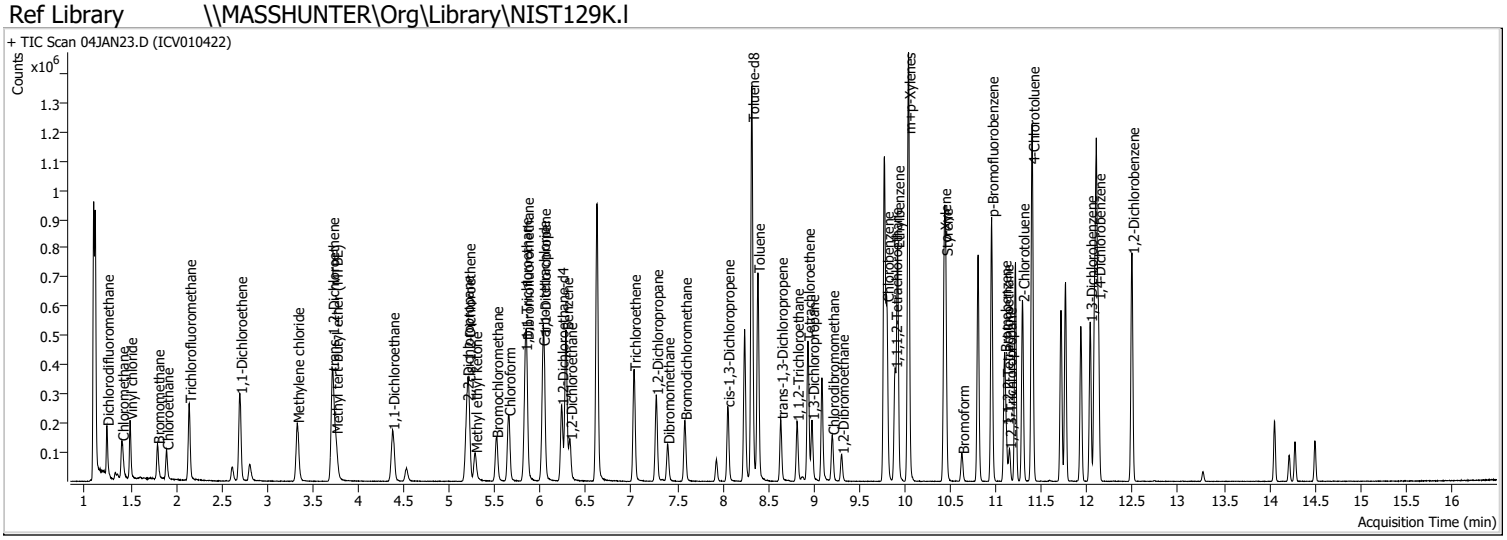






Quantitation Results Report (QT Reviewed)

Data File	04JAN23.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/4/2022 9:29:14 PM
Sample Name	ICV010422	Instrument	VOA5975C
Vial	23	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010422_8260B.batch.bin	Last Calib Update	1/9/2022 8:59:52 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

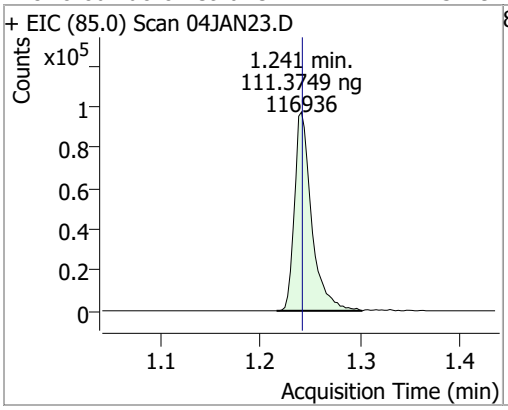


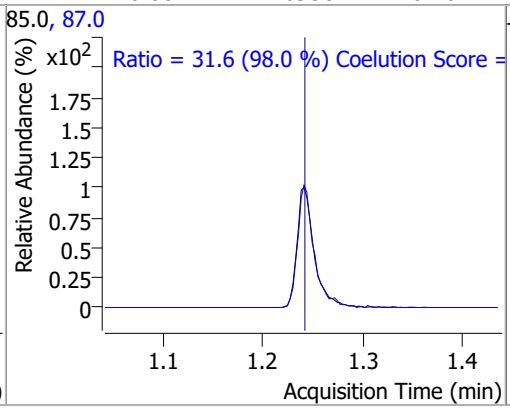
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	801210	250.0000	ng	-0.003
M Chlorobenzene-d5	9.774	82.0	307868	250.0000	ng	0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	255907	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	204707	271.1994	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.48%		
S 1,2-Dichloroethane-d4	6.230	67.0	91382	280.2886	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 112.12%		
S Toluene-d8	8.322	98.0	821531	276.9106	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 110.76%		
S p-Bromofluorobenzene	10.951	95.0	253034	269.8976	ng	-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.96%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	116936	111.3749	ng	99
T Chloromethane	1.406	50.0	138617	108.7739	ng	98
T Vinyl chloride	1.495	62.0	137775	120.1518	ng	86
T Bromomethane	1.796	96.0	59947	116.9157	ng	100
T Chloroethane	1.897	64.0	65619	115.5932	ng	99
T Trichlorofluoromethane	2.145	101.0	173333	121.7847	ng	97
T 1,1-Dichloroethene	2.702	96.0	108512	134.4566	ng	100
T Methylene chloride	3.330	49.0	144585	121.5297	ng	98
T trans-1,2-Dichloroethene	3.715	96.0	110909	134.7028	ng	98
T Methyl tert-butyl ether (MTBE)	3.754	73.0	143378	134.7224	ng	99
T 1,1-Dichloroethane	4.376	63.0	208131	135.8030	ng	98
T 2,2-Dichloropropane	5.190	77.0	150902	131.4031	ng	97
T cis-1,2-Dichloroethene	5.209	96.0	108623	130.1231	ng	99
T Methyl ethyl ketone	5.282	43.0	135511	1198.4439	ng	98
T Bromochloromethane	5.513	128.0	42744	123.6009	ng	99
T Chloroform	5.647	83.0	183676	120.4236	ng	100

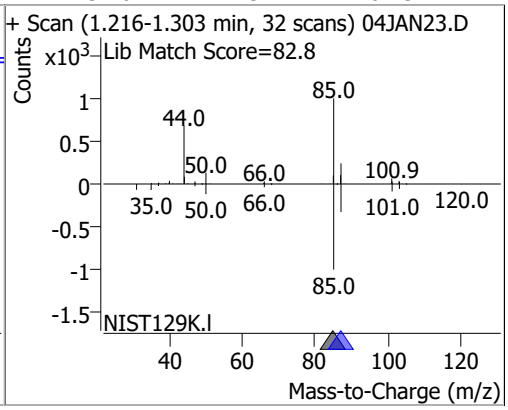
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	183324	128.2524	ng	99
T Carbon tetrachloride	6.027	117.0	181384	128.7928	ng	99
T 1,1-Dichloropropene	6.038	75.0	150930	124.1853	ng	100
T Benzene	6.280	78.0	418900	131.3139	ng	99
T 1,2-Dichloroethane	6.325	62.0	104249	120.7991	ng	95
T Trichloroethene	7.025	95.0	121734	131.1096	ng	99
T 1,2-Dichloropropane	7.270	63.0	102633	125.6626	ng	99
T Dibromomethane	7.393	93.0	43248	125.3047	ng	97
T Bromodichloromethane	7.585	83.0	122757	128.8759	ng	100
T cis-1,3-Dichloropropene	8.054	75.0	130910	121.5561	ng	98
T Toluene	8.386	92.0	264584	132.0244	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	98907	129.0216	ng	97
T 1,1,2-Trichloroethane	8.815	83.0	49128	123.0361	ng	98
T Tetrachloroethene	8.935	163.8	103027	126.0141	ng	99
T 1,3-Dichloropropane	8.980	76.0	95697	121.8442	ng	98
T Chlorodibromomethane	9.203	129.0	78076	125.1103	ng	98
T 1,2-Dibromoethane	9.306	107.0	54259	124.2764	ng	100
T Chlorobenzene	9.802	112.0	288815	131.6352	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	97148	126.6657	ng	95
T Ethylbenzene	9.917	91.0	501953	131.9113	ng	99
T m+p-Xylenes	10.039	106.0	388558	262.7589	ng	100
T o-Xylene	10.430	106.0	174061	132.2214	ng	98
T Styrene	10.449	104.0	291425	137.4974	ng	98
T Bromoform	10.628	172.5	42560	129.9644	ng	98
T Bromobenzene	11.093	156.0	109054	131.6788	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	60763	127.4722	ng	98
T 1,2,3-Trichloropropane	11.146	110.0	15682	122.9523	ng	99
T 2-Chlorotoluene	11.291	126.0	108192	131.2948	ng	95
T 4-Chlorotoluene	11.400	91.0	368295	137.0790	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	204088	135.1185	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	200032	129.8812	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	164299	128.7104	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

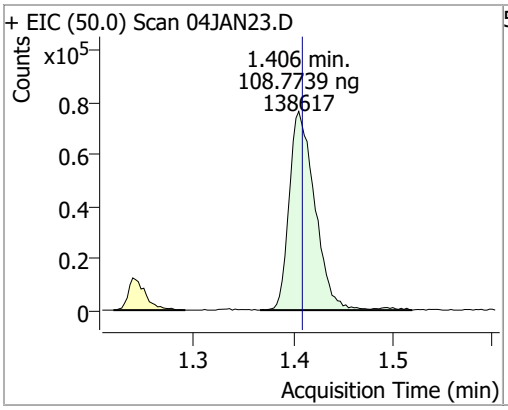
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	111.3749	1.24	0.00	116936	87.0	31.6	2.3	62.3

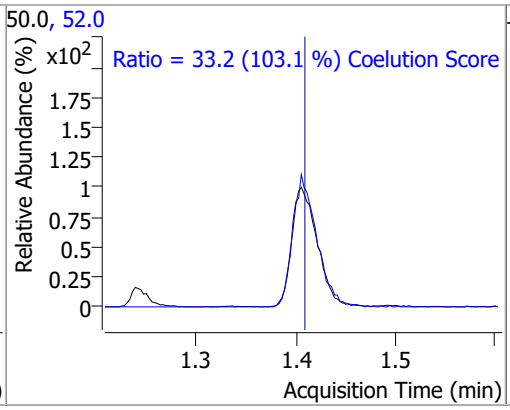


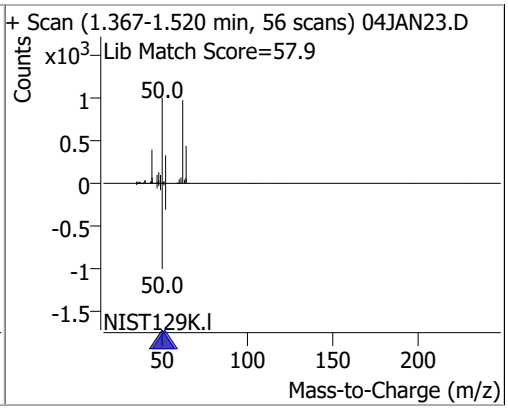




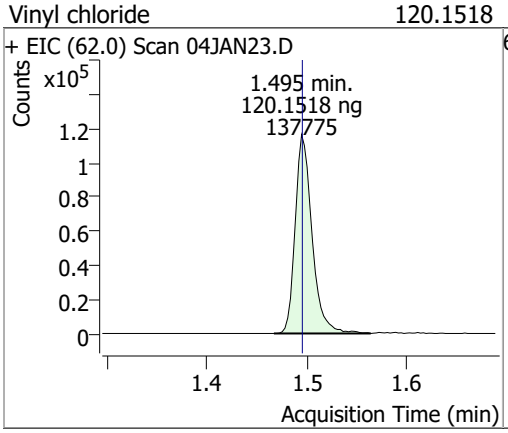
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	108.7739	1.41	0.00	138617	52.0	33.2	2.1	62.1

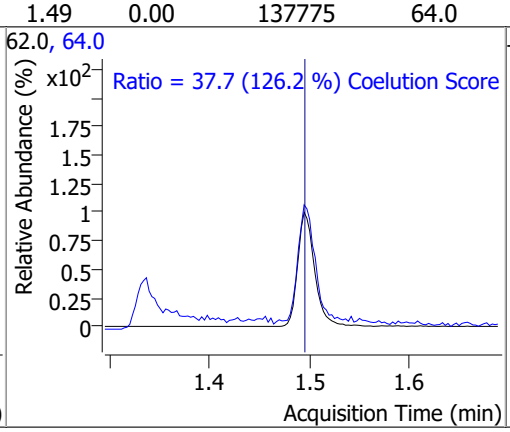


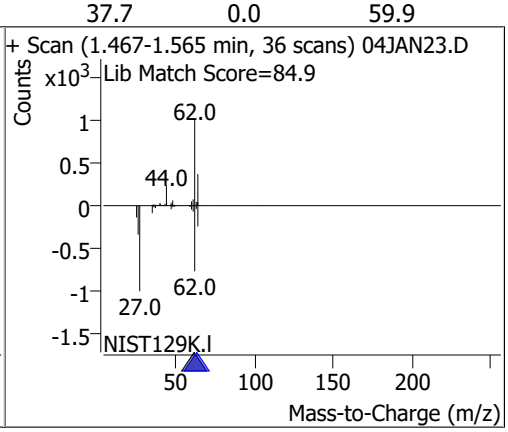




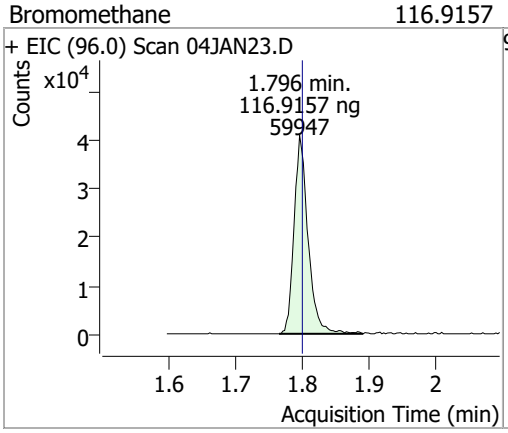
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	120.1518	1.49	0.00	137775	64.0	37.7	0.0	59.9

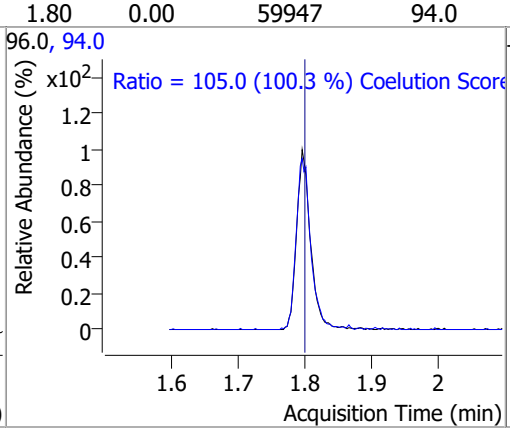


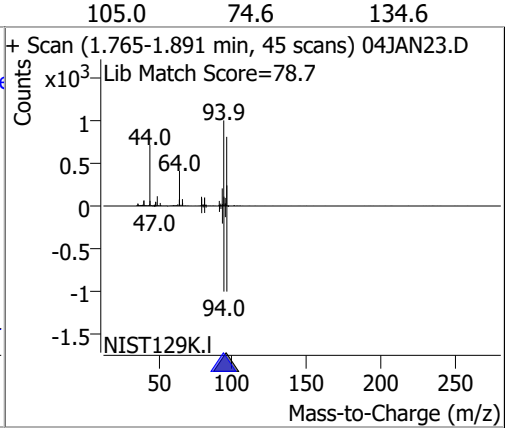




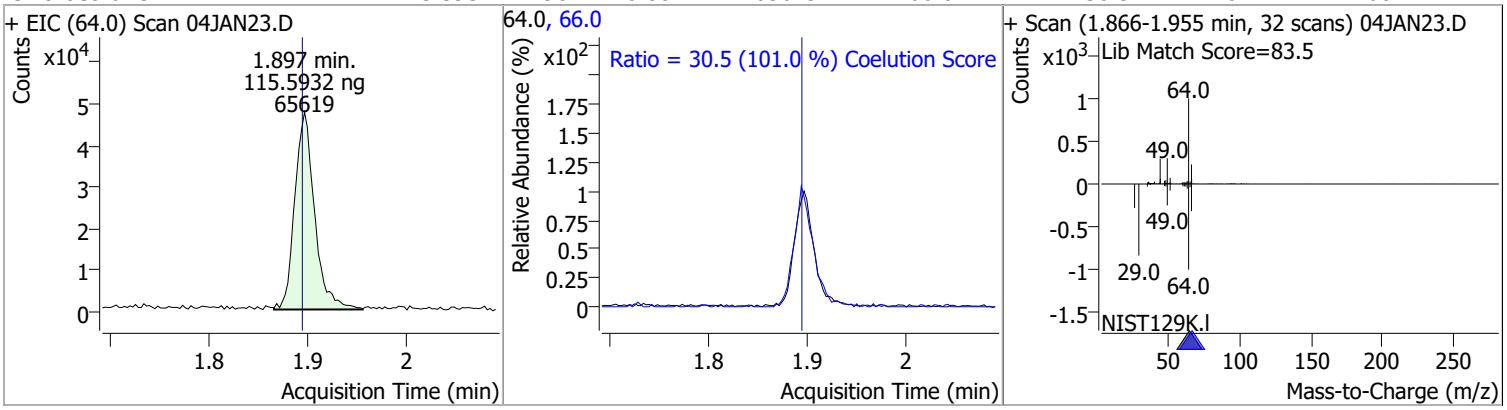
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	116.9157	1.80	0.00	59947	94.0	105.0	74.6	134.6



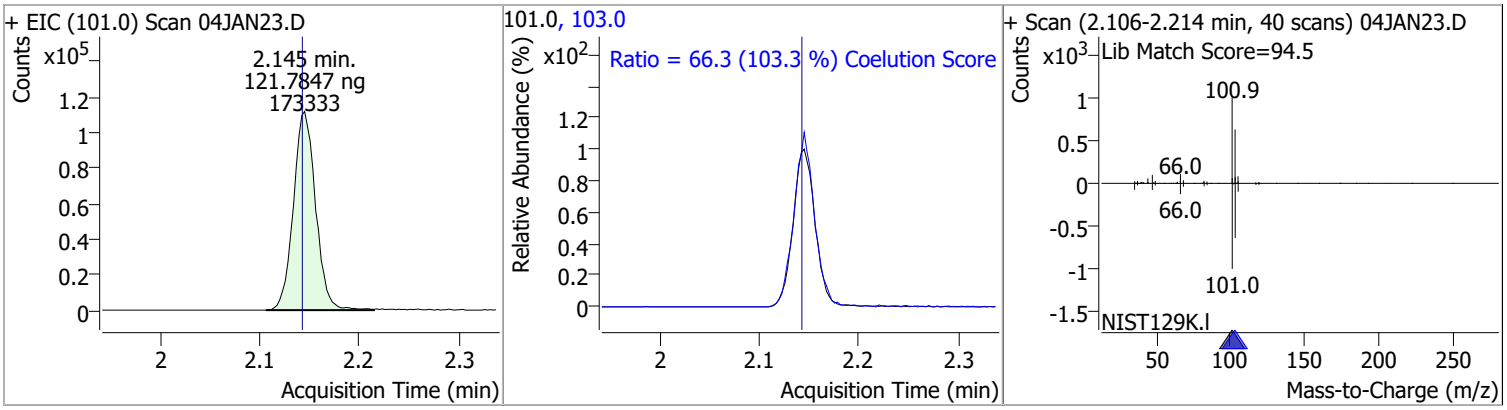




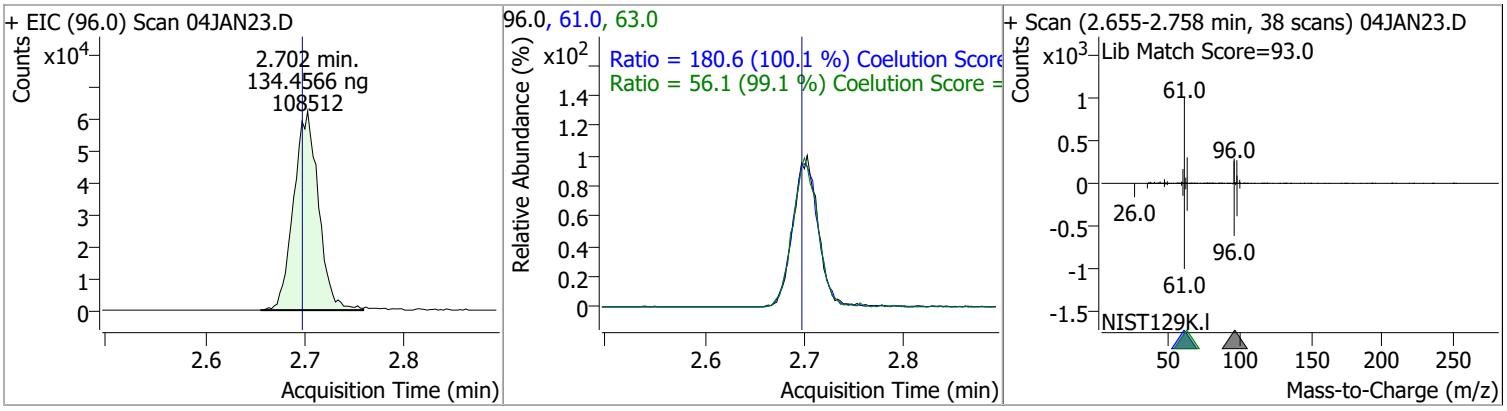
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	115.5932	1.90	0.00	65619	66.0	30.5	0.1	60.1



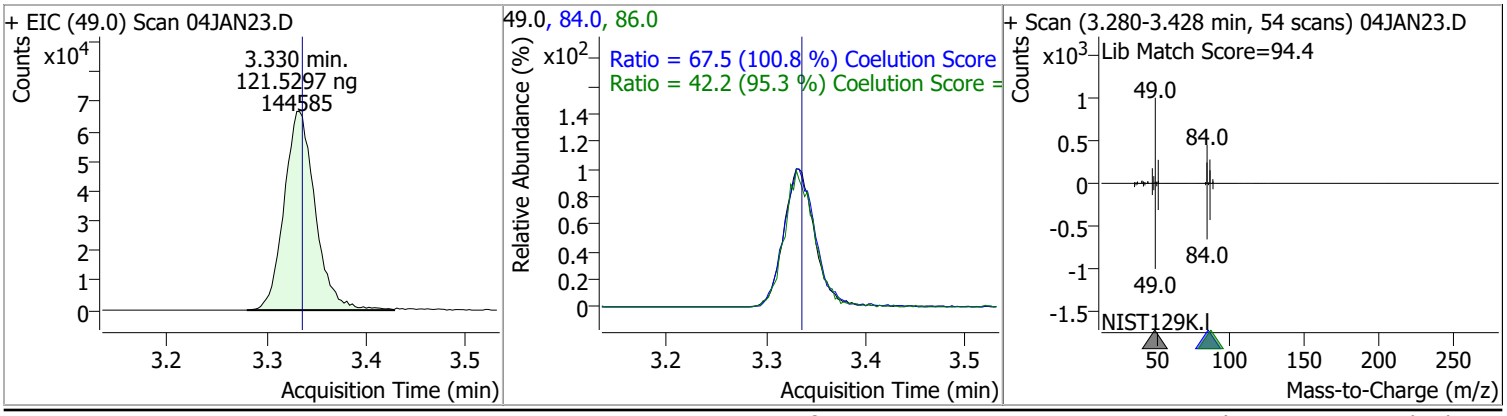
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	121.7847	2.14	0.00	173333	103.0	66.3	34.2	94.2



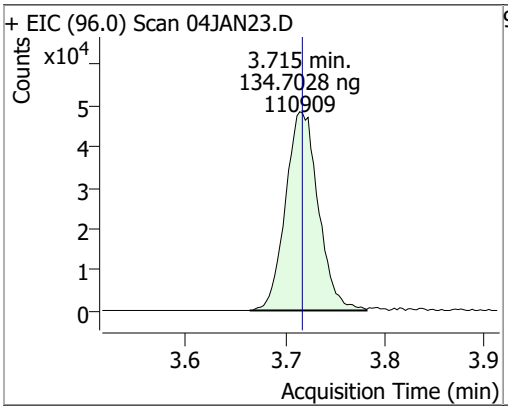
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	134.4566	2.70	0.01	108512	61.0	180.6	150.3	210.3
					63.0	56.1	26.7	86.7

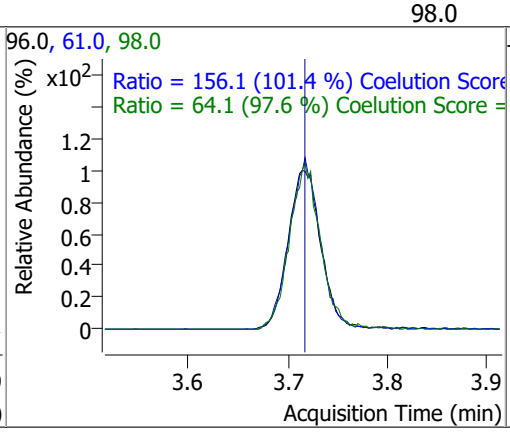


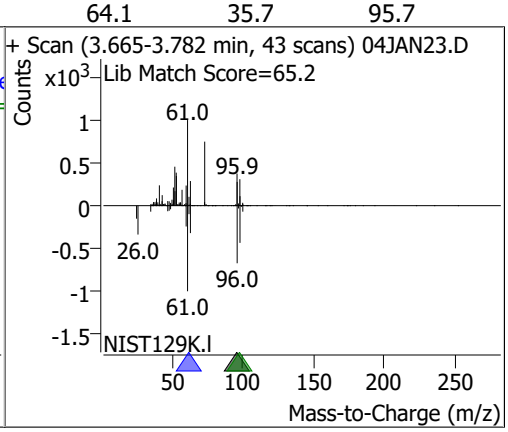
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	121.5297	3.33	-0.01	144585	84.0	67.5	36.9	96.9
					86.0	42.2	14.3	74.3



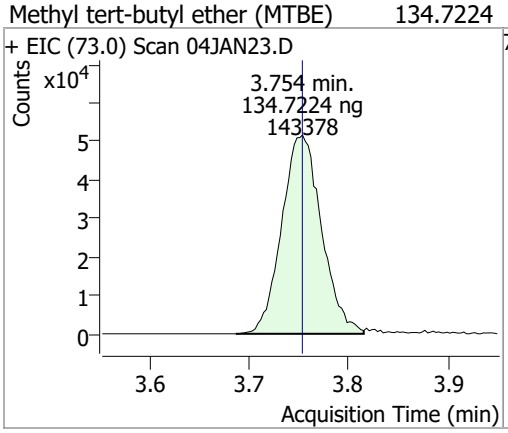
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	134.7028	3.71	0.00	110909	61.0	156.1	123.9	183.9
					98.0	64.1	35.7	95.7

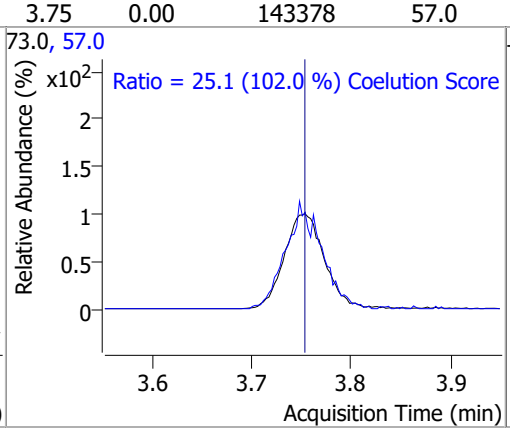


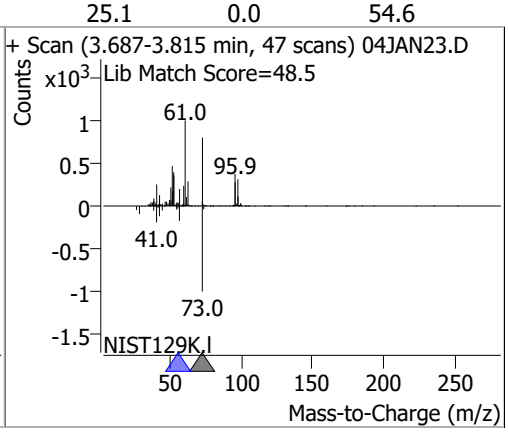




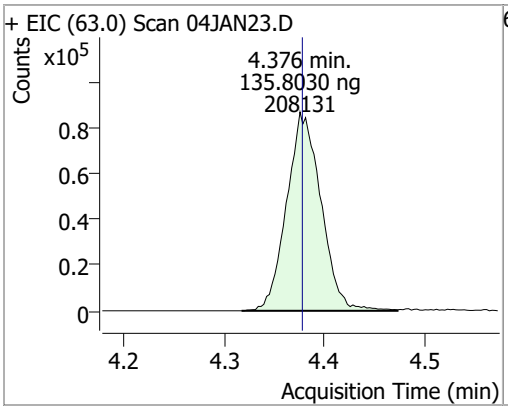
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	134.7224	3.75	0.00	143378	57.0	25.1	0.0	54.6

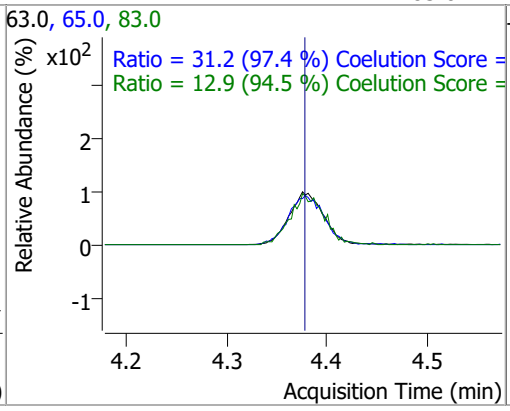


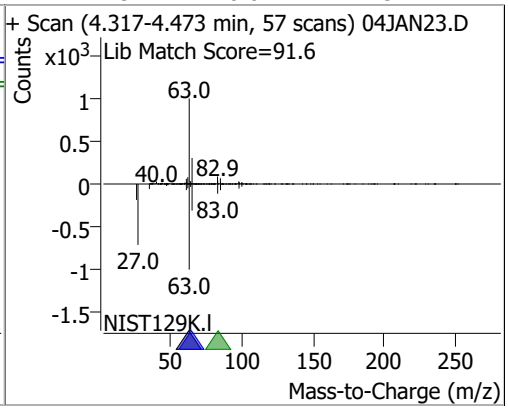




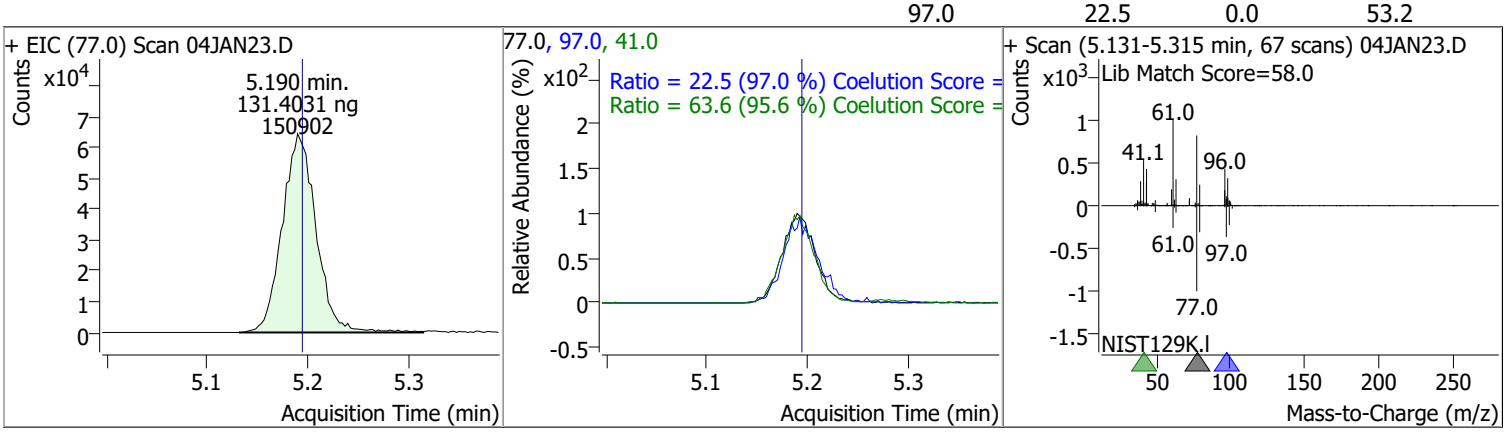
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	135.8030	4.38	0.00	208131	65.0	31.2	2.1	62.1
					83.0	12.9	0.0	43.7



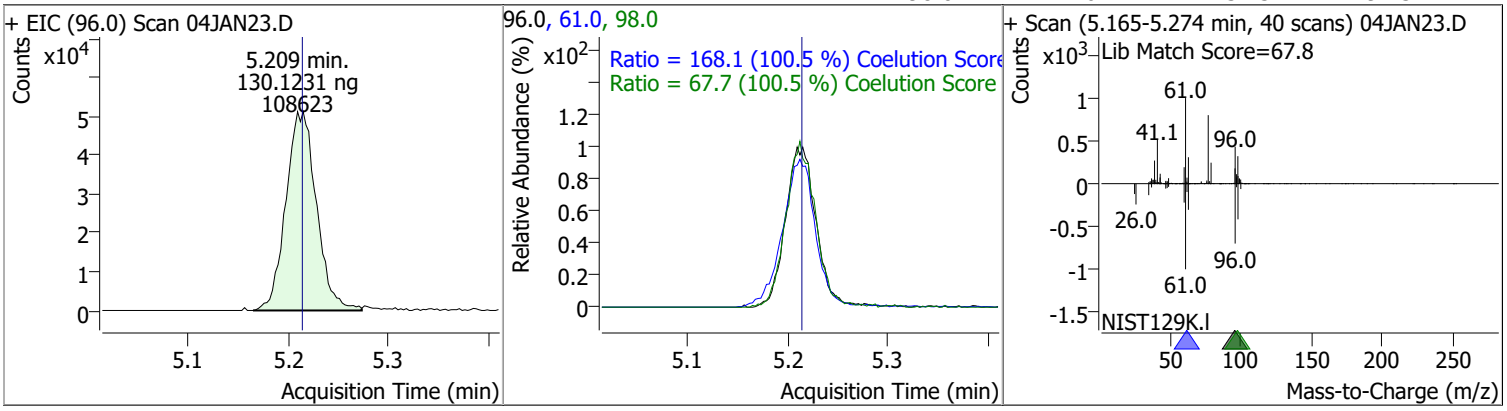




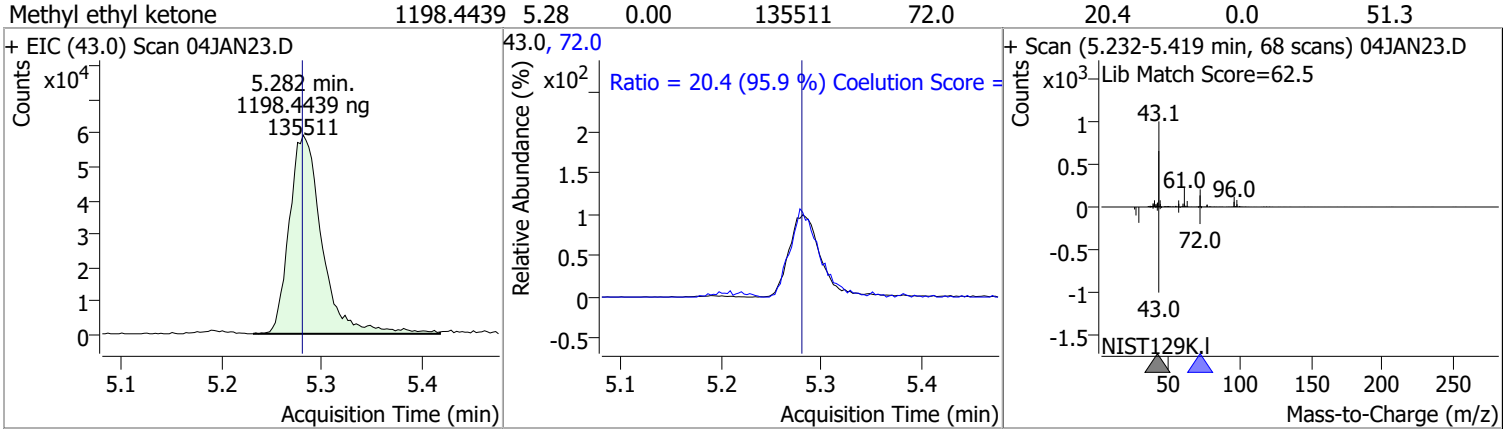
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	131.4031	5.19	-0.01	150902	41.0	63.6	36.5	96.5
					97.0	22.5	0.0	53.2



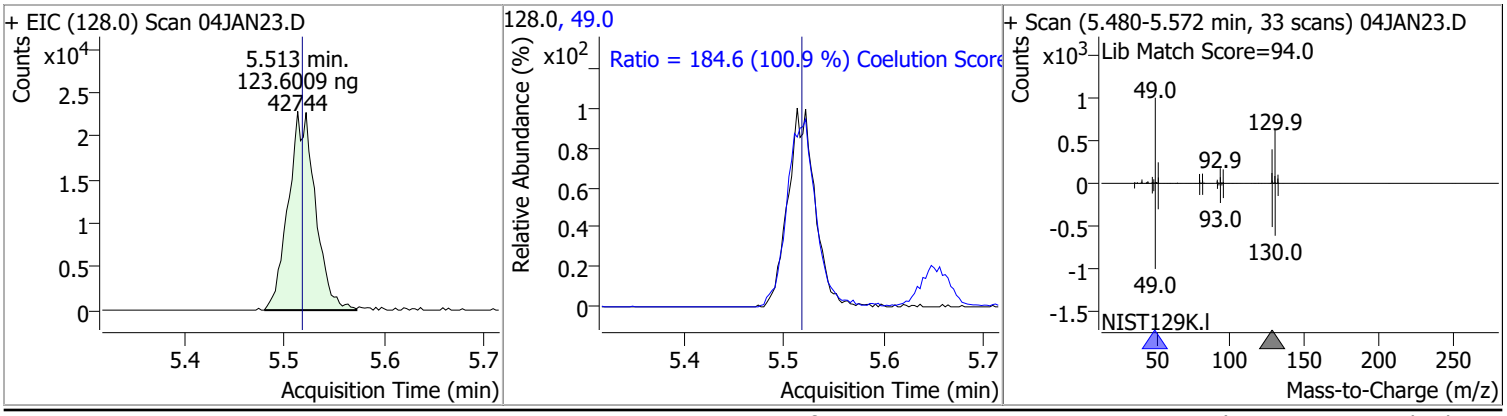
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	130.1231	5.21	-0.01	108623	61.0	168.1	137.2	197.2
					98.0	67.7	37.3	97.3



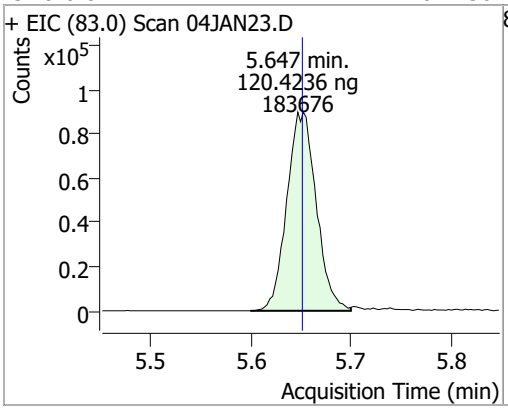
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1198.4439	5.28	0.00	135511	72.0	20.4	0.0	51.3

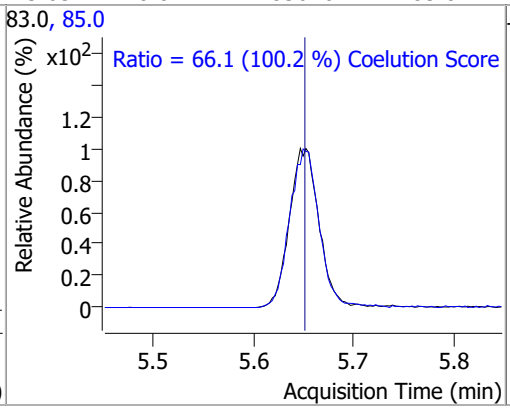


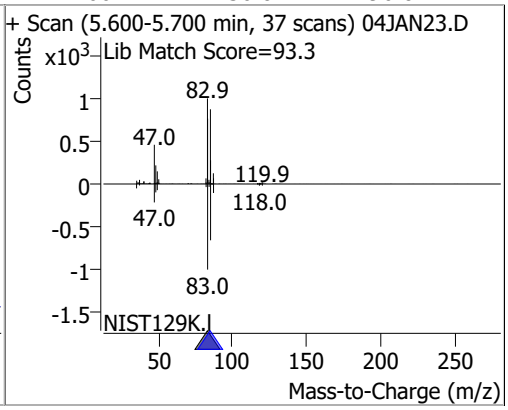
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	123.6009	5.51	-0.01	42744	49.0	184.6	152.9	212.9



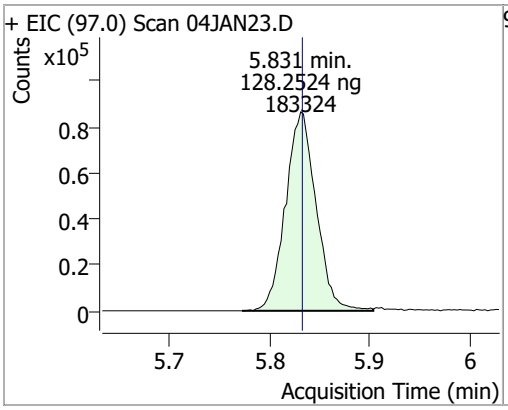
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	120.4236	5.65	-0.01	183676	85.0	66.1	36.0	96.0

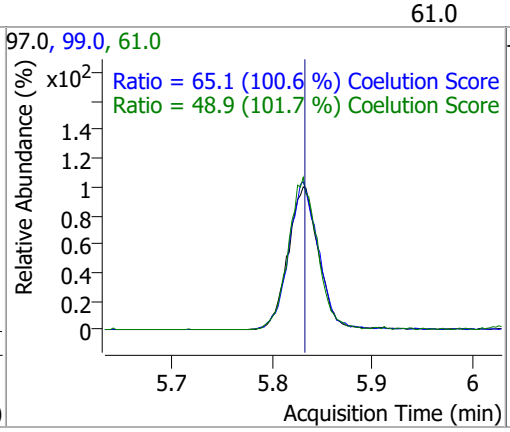


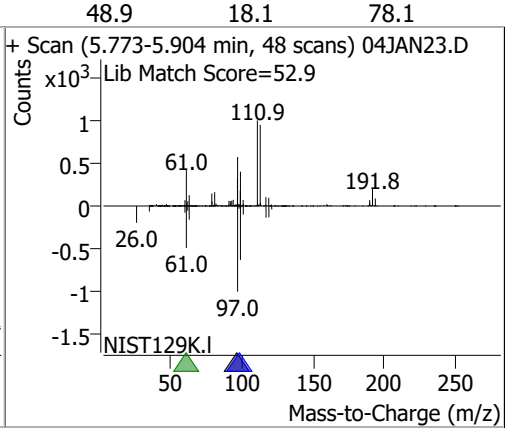




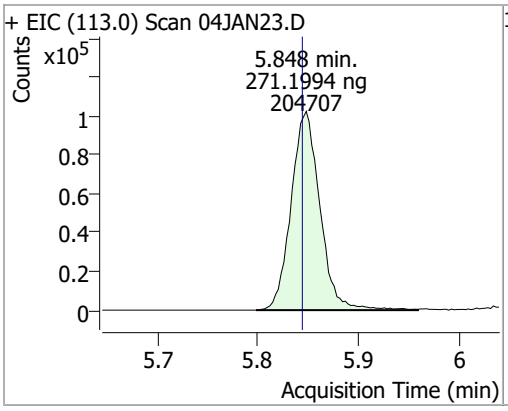
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	128.2524	5.83	0.00	183324	99.0	65.1	34.7	94.7
					61.0	48.9	18.1	78.1

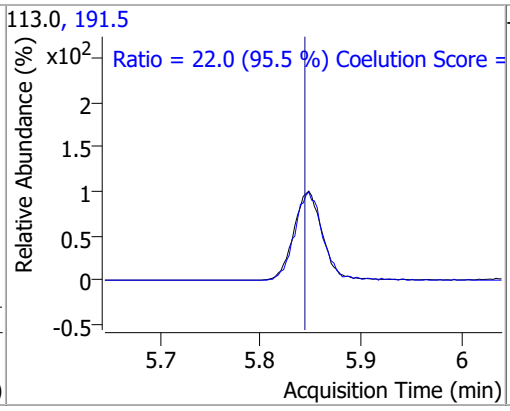


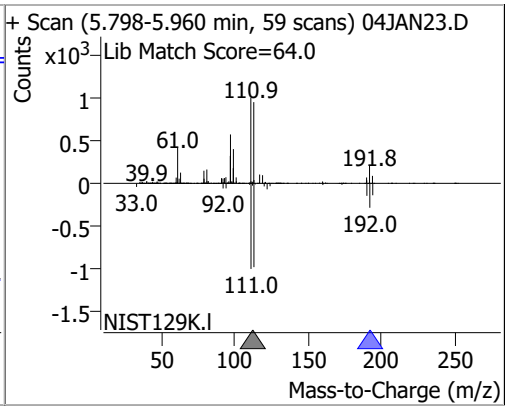




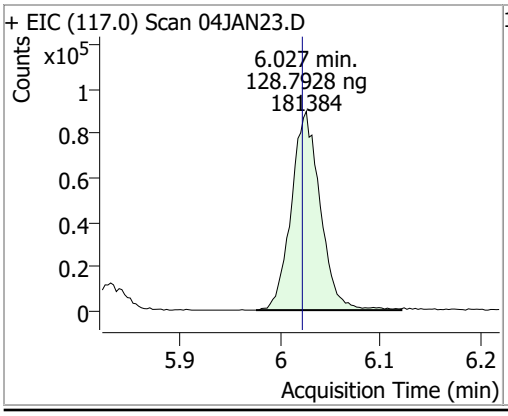
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	271.1994	5.85	0.00	204707	191.5	22.0	0.0	53.1

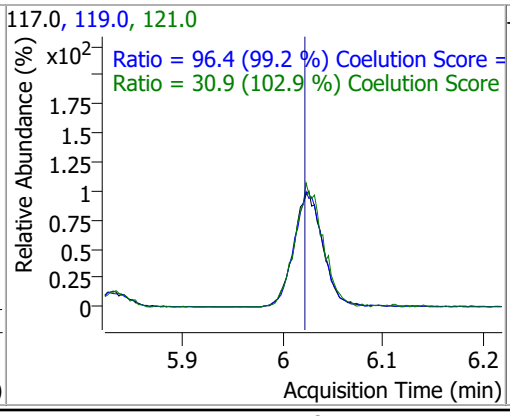


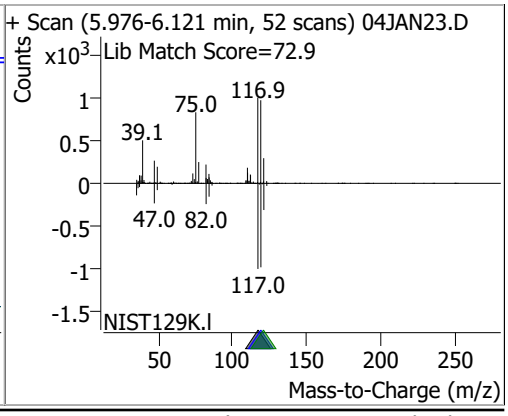




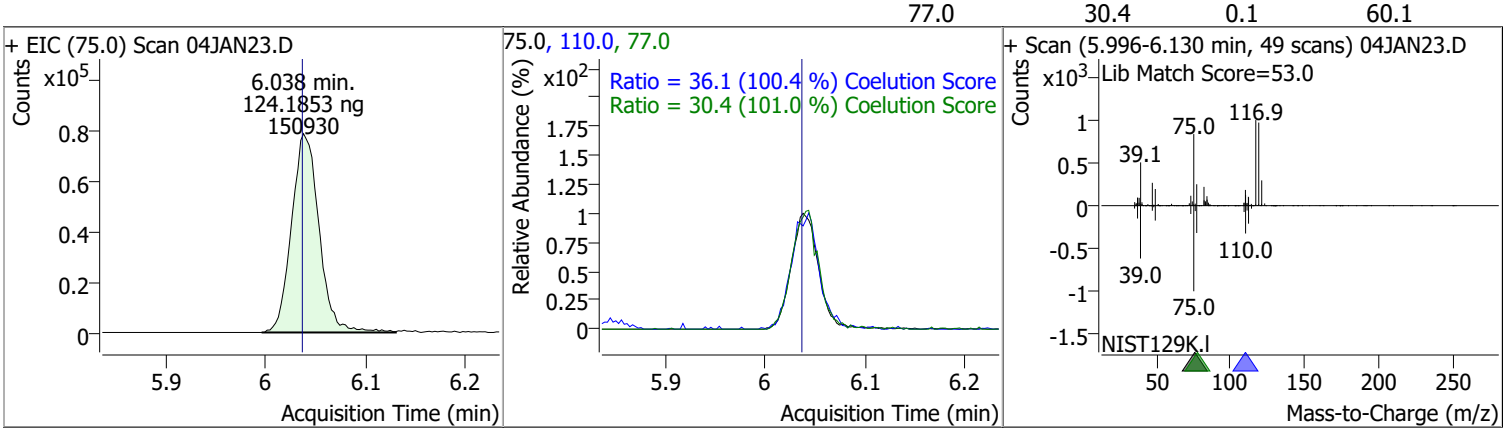
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	128.7928	6.03	0.00	181384	119.0	96.4	67.2	127.2
					121.0	30.9	0.1	60.1



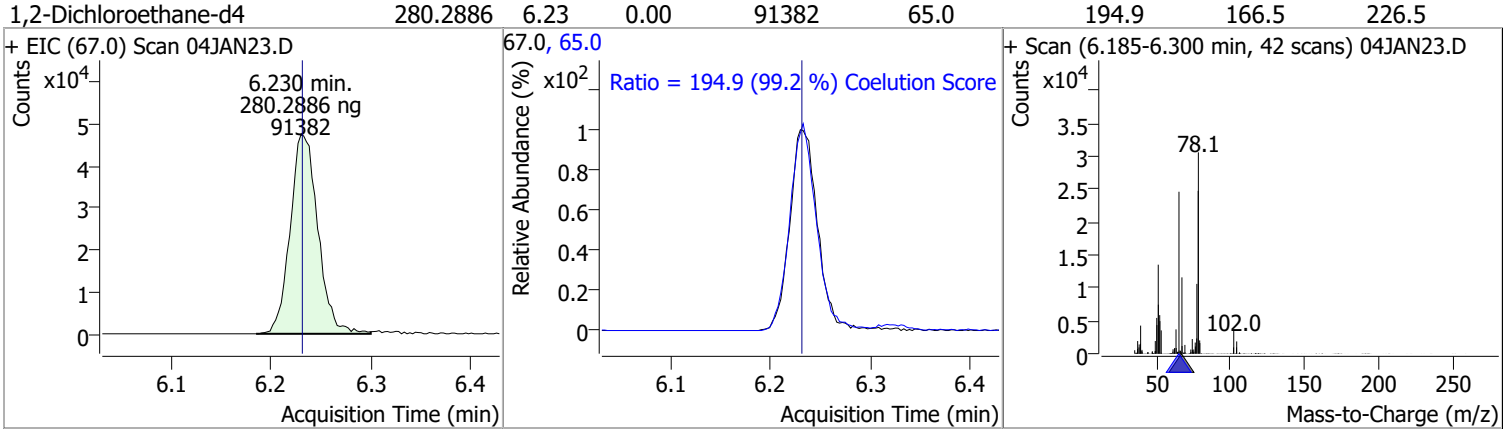




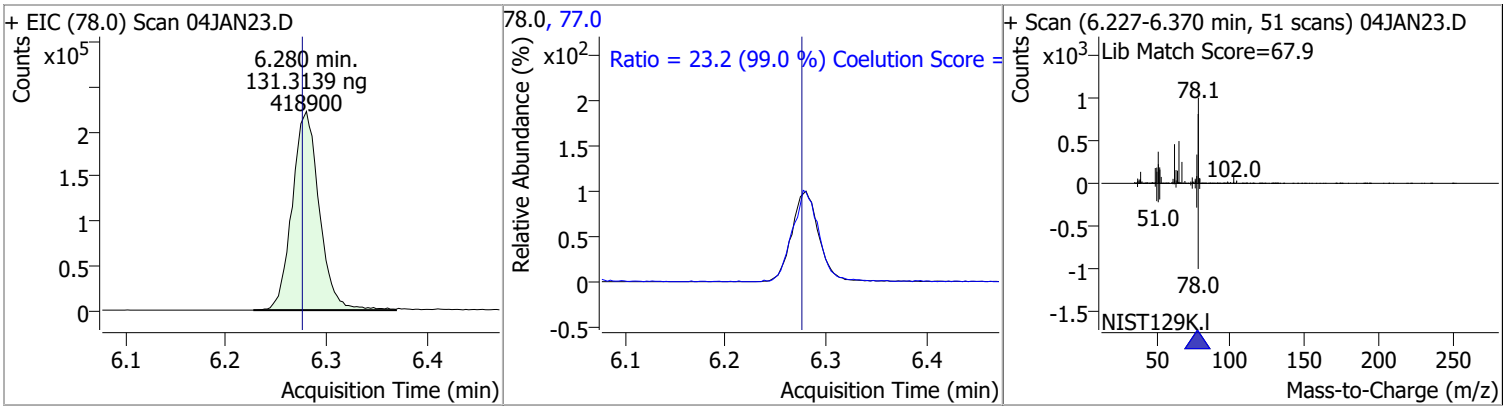
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	124.1853	6.04	0.00	150930	110.0	36.1	5.9	65.9
					77.0	30.4	0.1	60.1



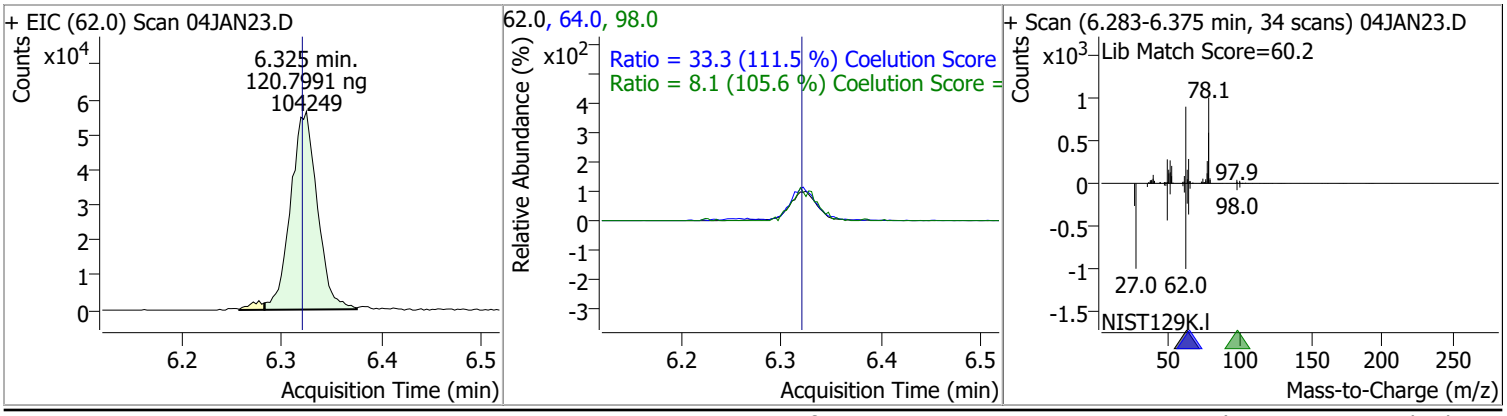
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	280.2886	6.23	0.00	91382	65.0	194.9	166.5	226.5



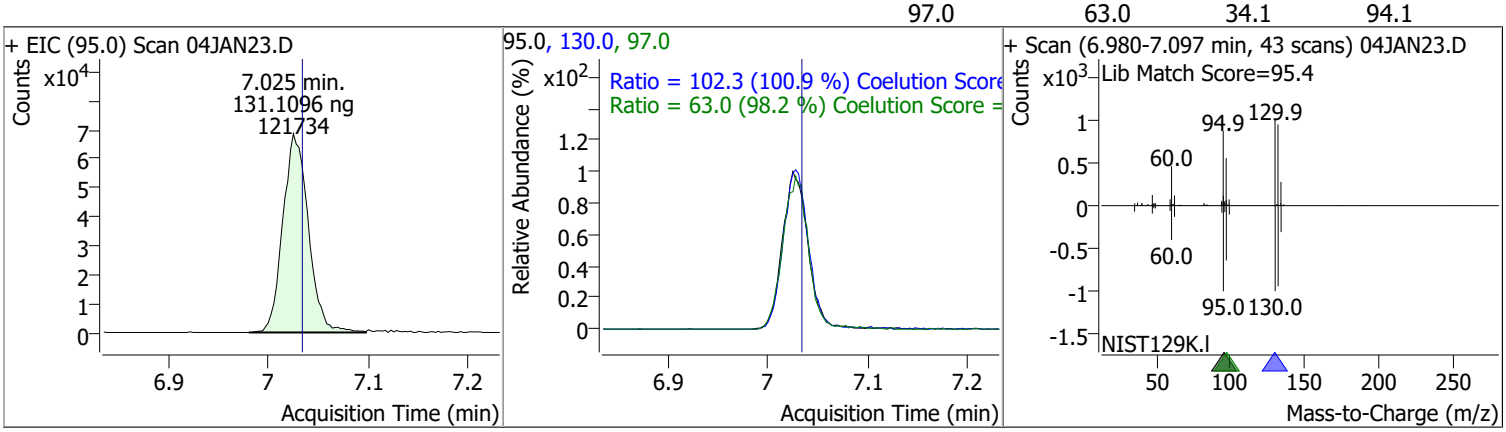
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	131.3139	6.28	0.00	418900	77.0	23.2	0.0	53.5



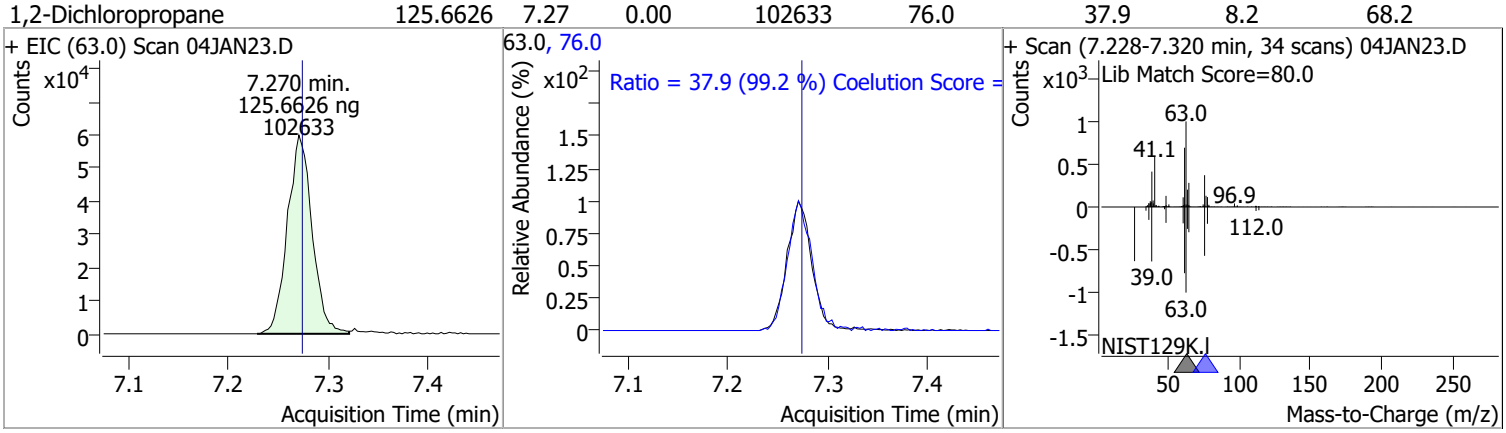
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	120.7991	6.32	0.00	104249	64.0	33.3	0.0	59.9
					98.0	8.1	0.0	37.6



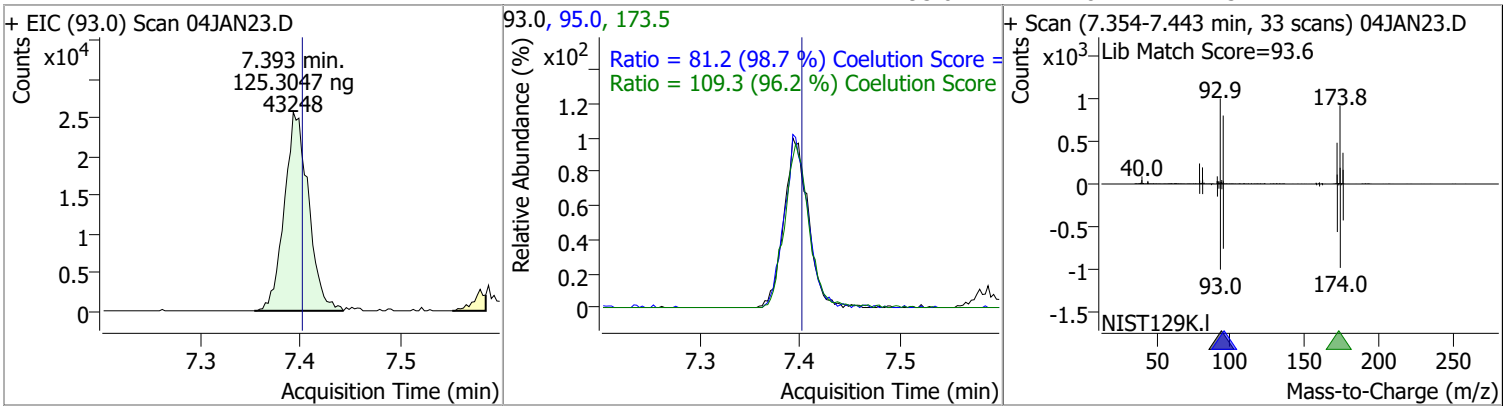
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	131.1096	7.02	-0.01	121734	130.0	102.3	71.5	131.5
					97.0	63.0	34.1	94.1



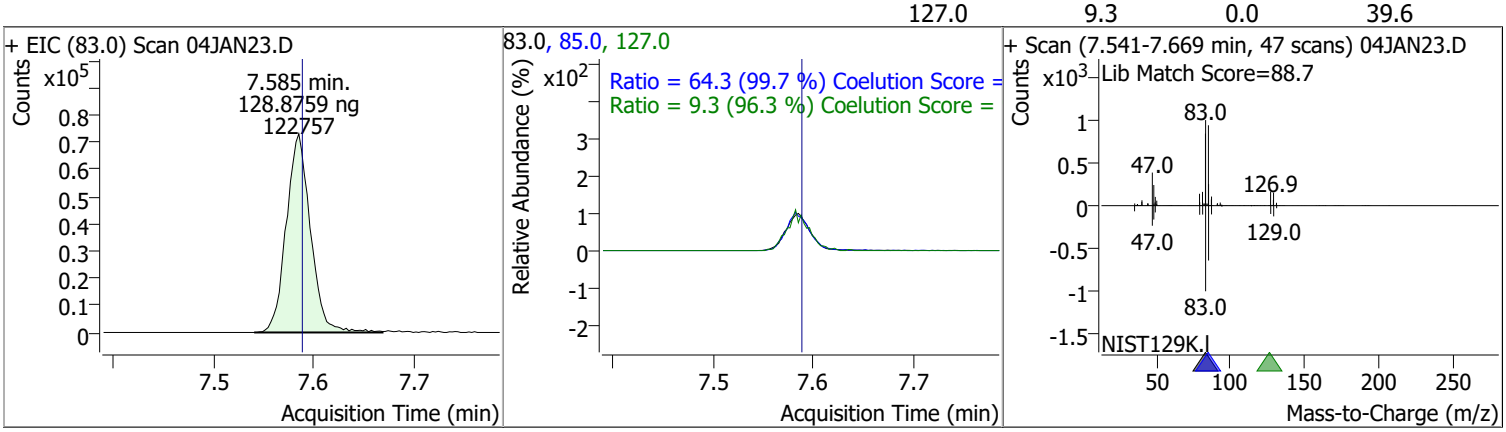
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	125.6626	7.27	0.00	102633	76.0	37.9	8.2	68.2



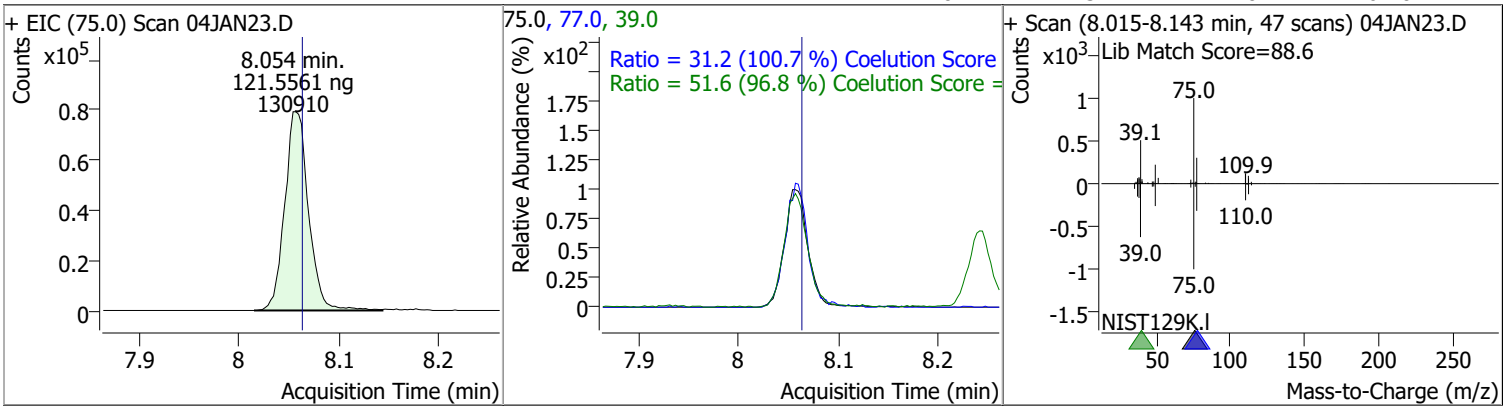
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	125.3047	7.39	-0.01	43248	173.5	109.3	83.7	143.7
					95.0	81.2	52.2	112.2



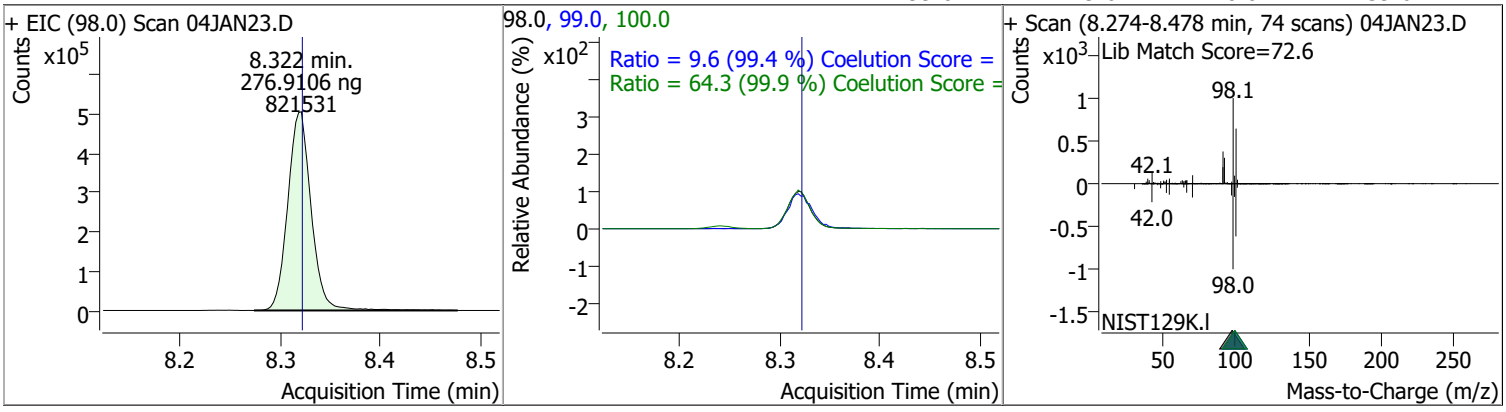
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	128.8759	7.59	0.00	122757	85.0	64.3	34.5	94.5
					127.0	9.3	0.0	39.6



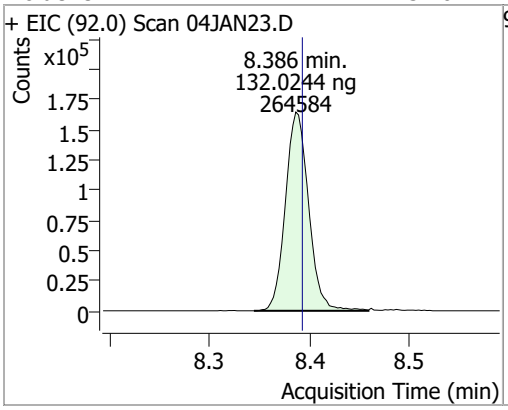
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	121.5561	8.05	-0.01	130910	39.0	51.6	23.3	83.3
					77.0	31.2	1.0	61.0

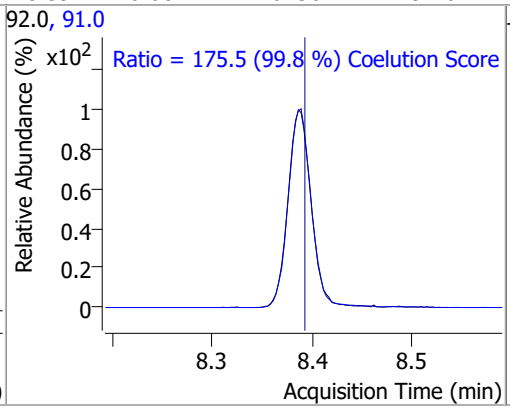


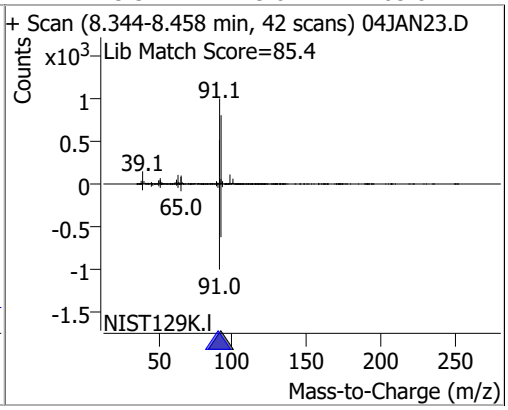
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	276.9106	8.32	0.00	821531	100.0	64.3	34.4	94.4
					99.0	9.6	0.0	39.6



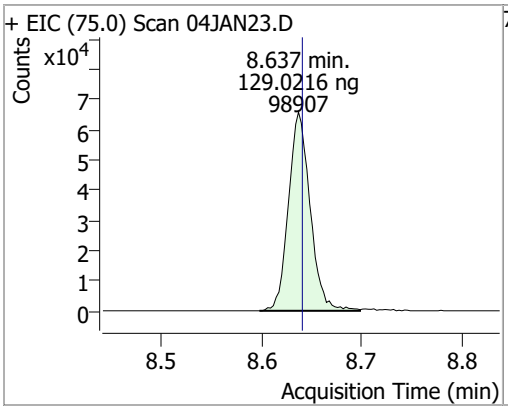
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	132.0244	8.39	0.00	264584	91.0	175.5	145.8	205.8

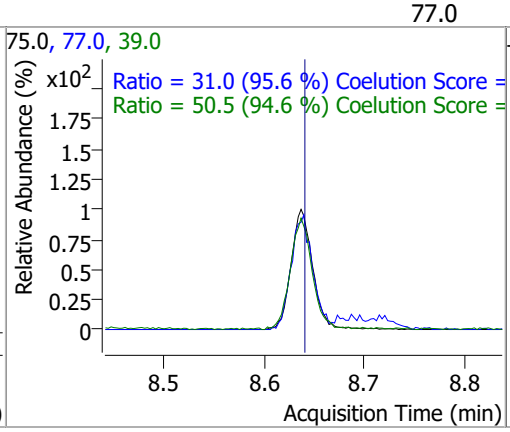


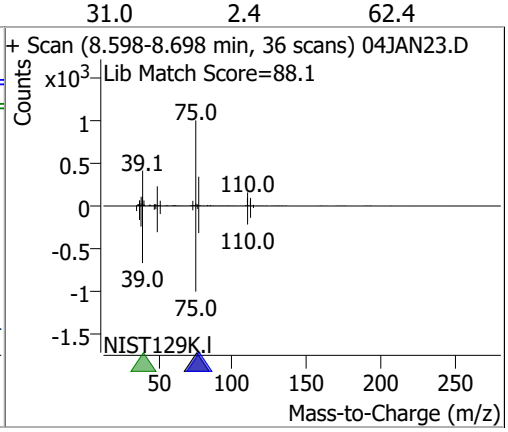




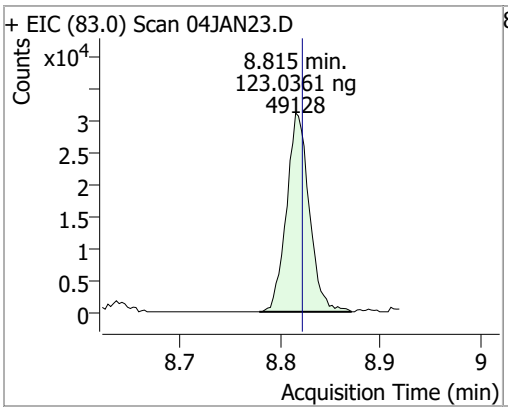
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	129.0216	8.64	0.00	98907	39.0	50.5	23.4	83.4
					77.0	31.0	2.4	62.4

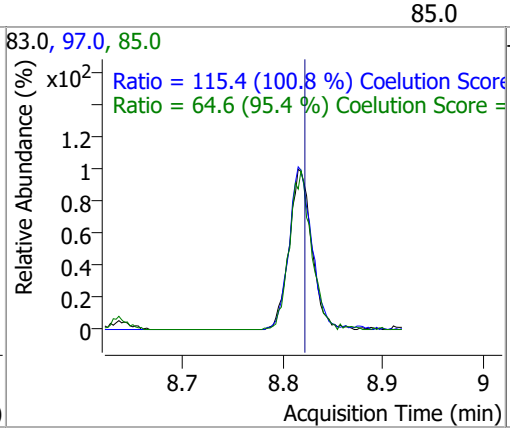


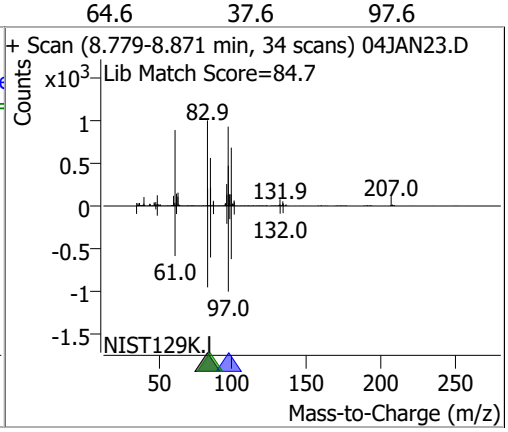




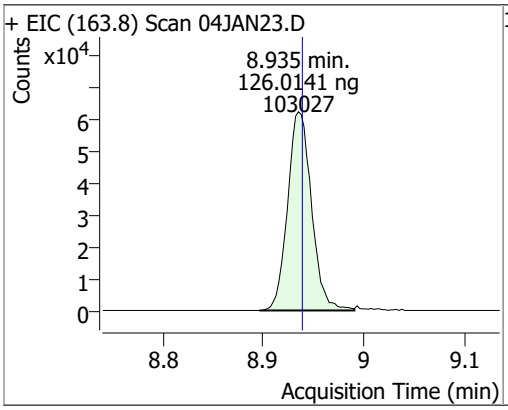
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	123.0361	8.82	0.00	49128	97.0	115.4	84.6	144.6
					85.0	64.6	37.6	97.6

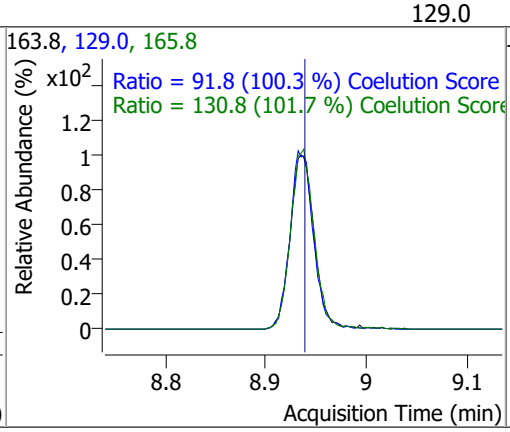


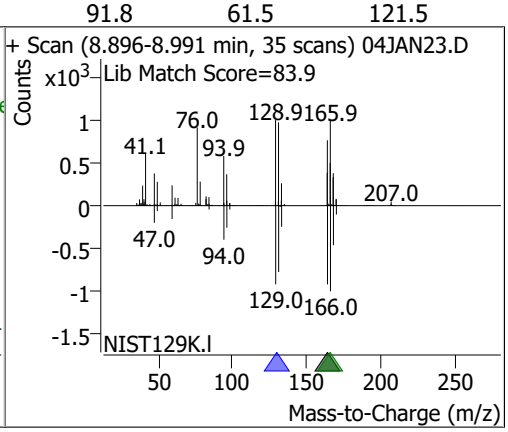




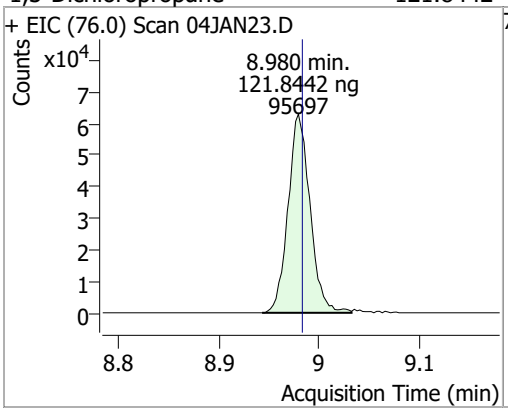
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	126.0141	8.94	0.00	103027	165.8	130.8	98.6	158.6
					129.0	91.8	61.5	121.5

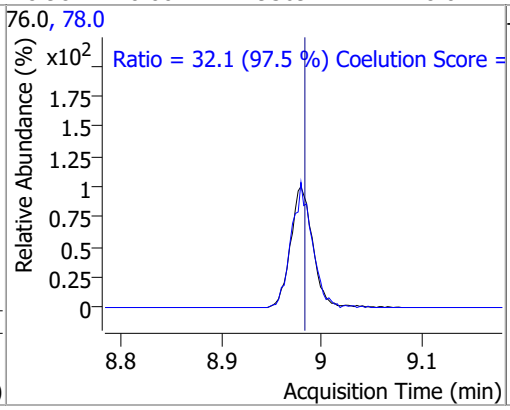


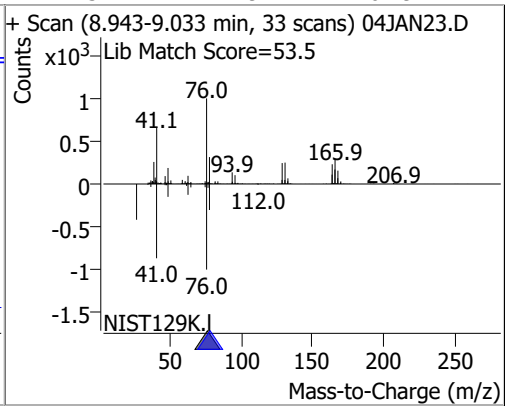




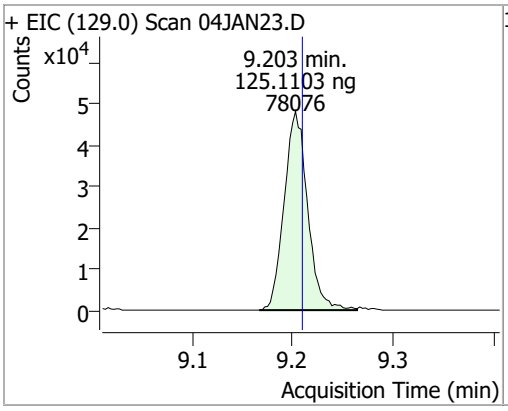
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	121.8442	8.98	0.00	95697	78.0	32.1	2.9	62.9

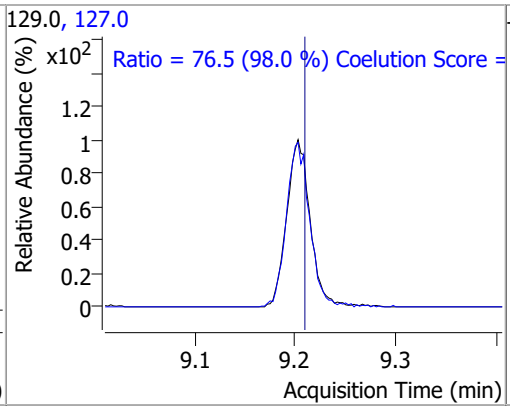


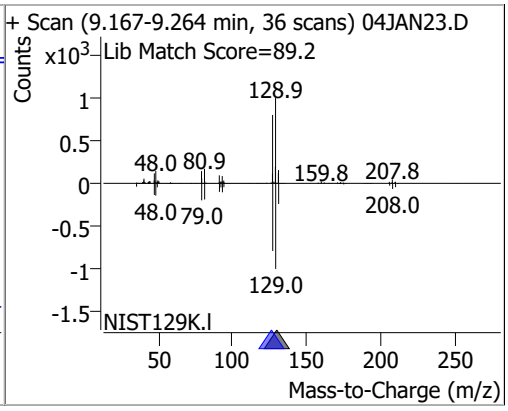




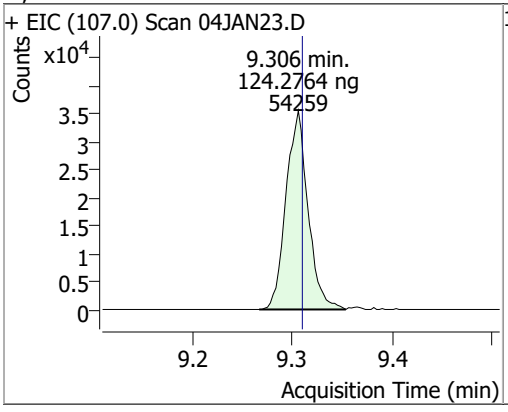
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	125.1103	9.20	0.00	78076	127.0	76.5	48.0	108.0

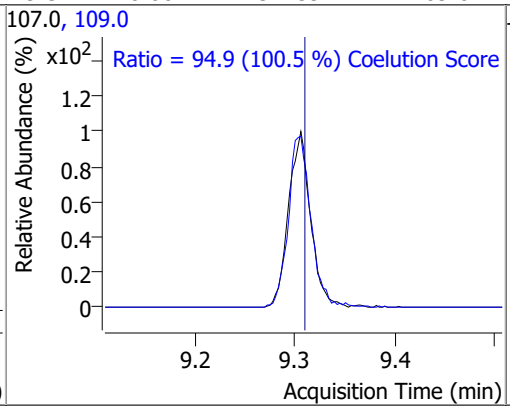


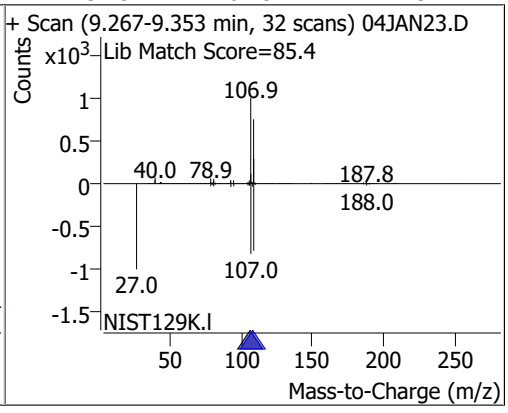




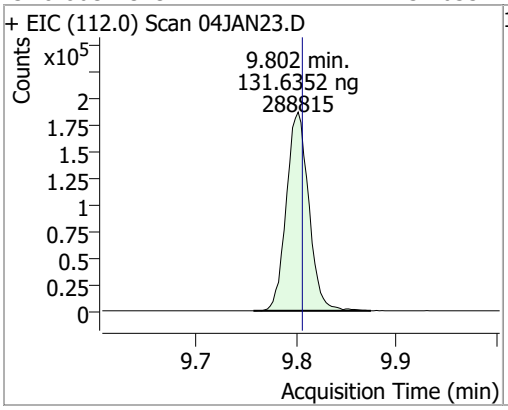
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	124.2764	9.31	0.00	54259	109.0	94.9	64.5	124.5

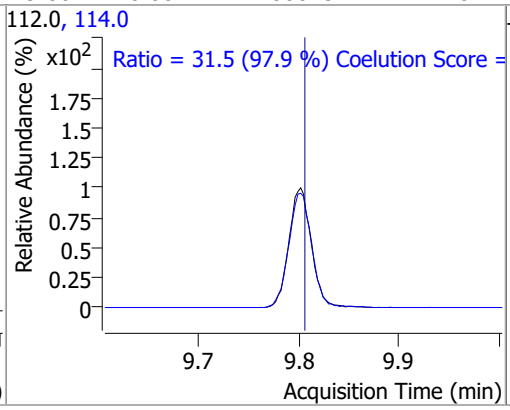


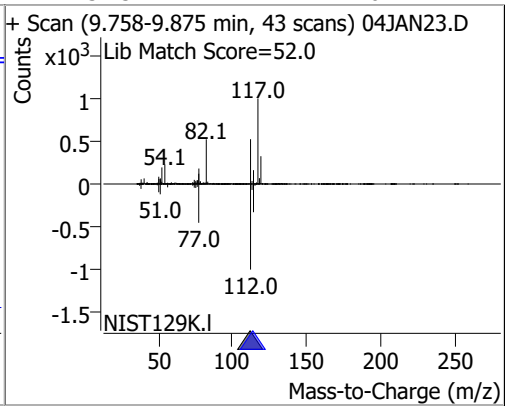




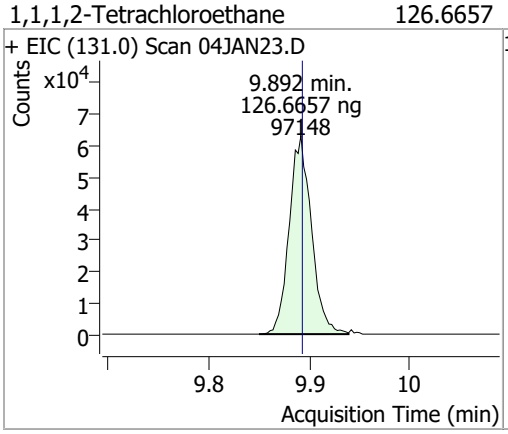
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	131.6352	9.80	0.00	288815	114.0	31.5	2.1	62.1

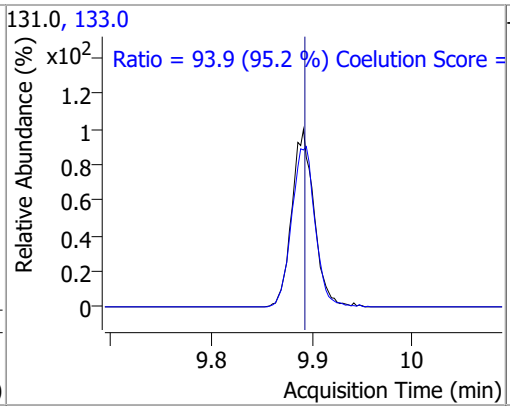


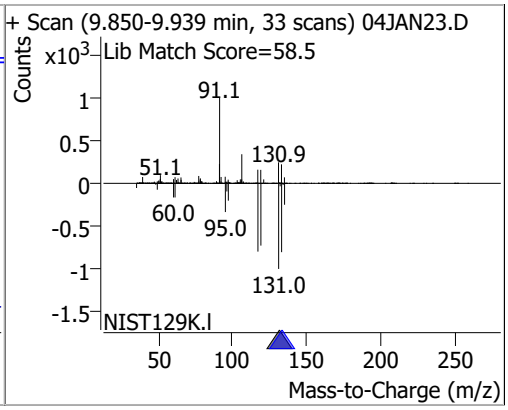




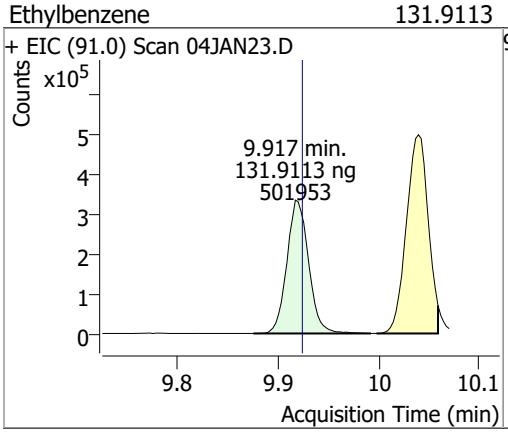
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	126.6657	9.89	0.00	97148	133.0	93.9	68.6	128.6

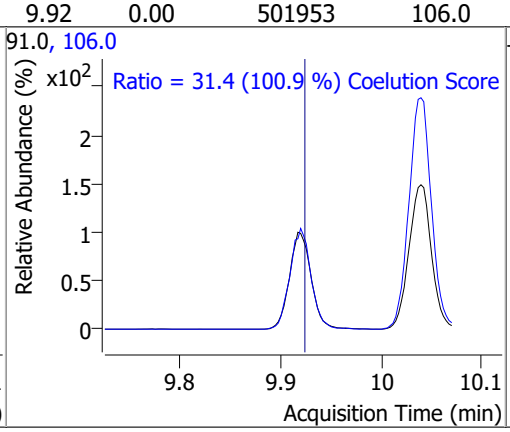


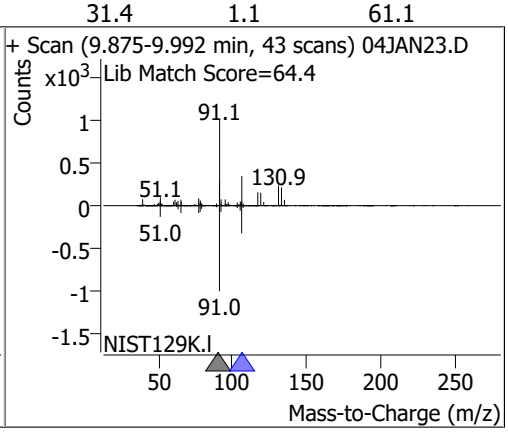




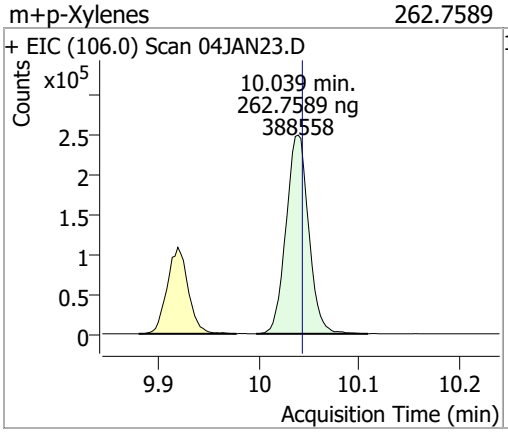
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	131.9113	9.92	0.00	501953	106.0	31.4	1.1	61.1

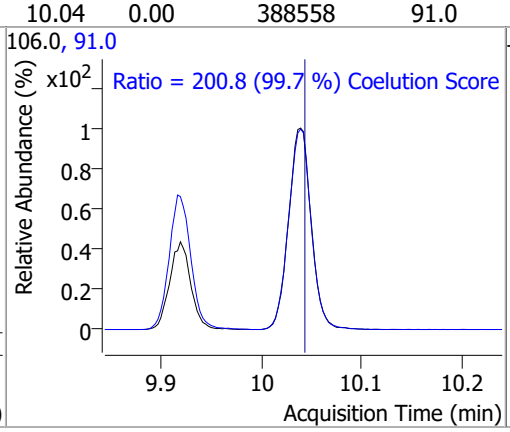


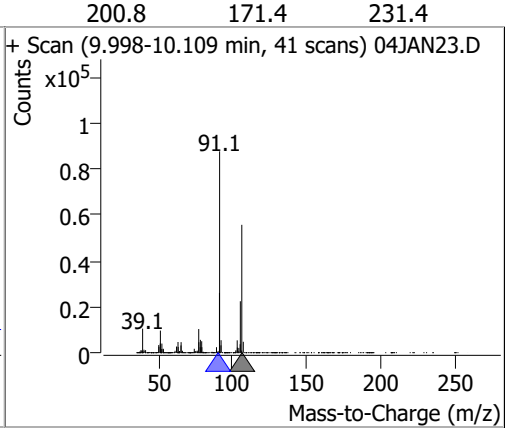




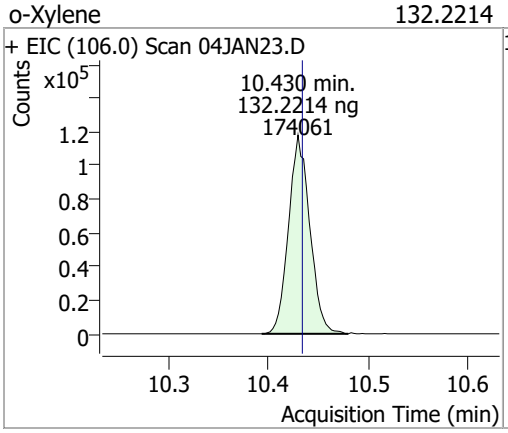
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	262.7589	10.04	0.00	388558	91.0	200.8	171.4	231.4

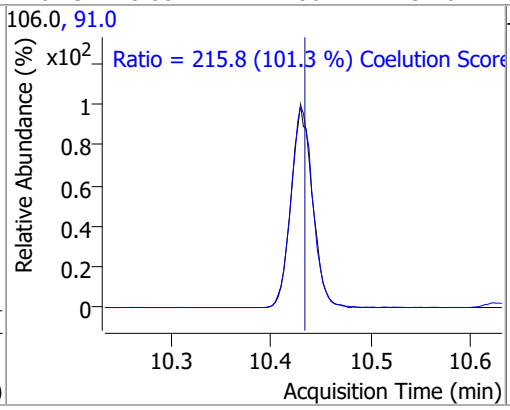


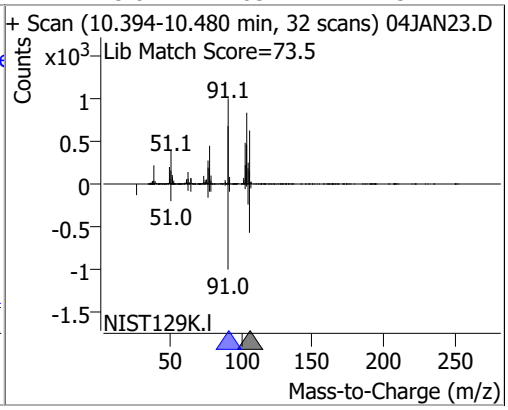




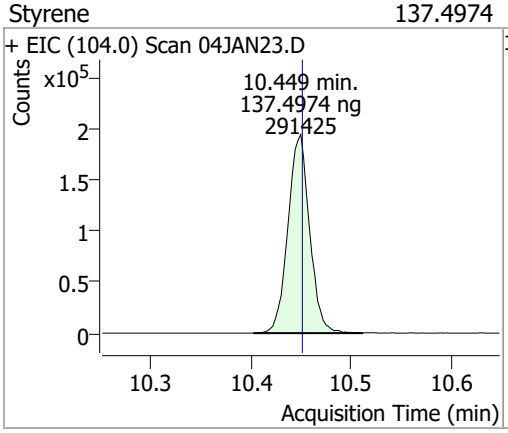
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	132.2214	10.43	0.00	174061	91.0	215.8	183.1	243.1

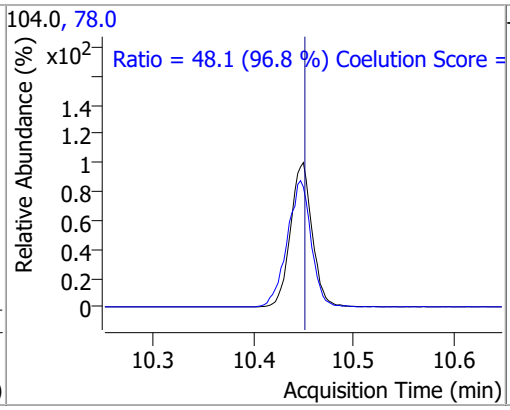


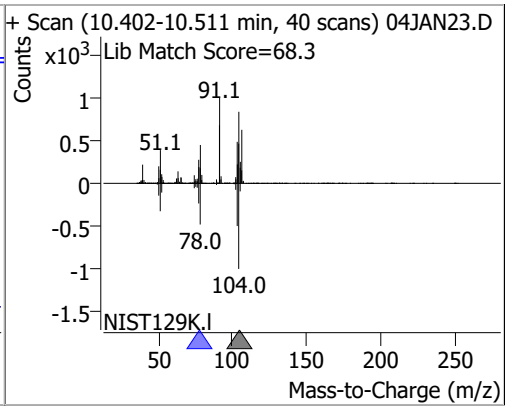




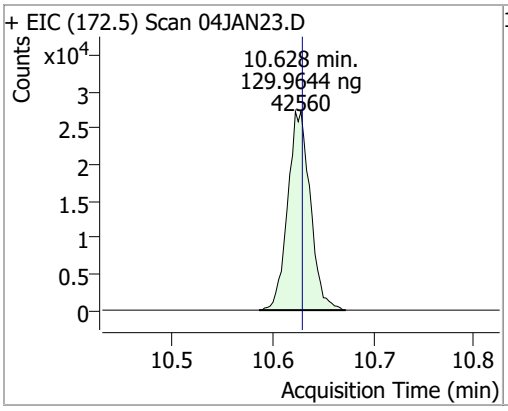
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	137.4974	10.45	0.00	291425	78.0	48.1	19.6	79.6

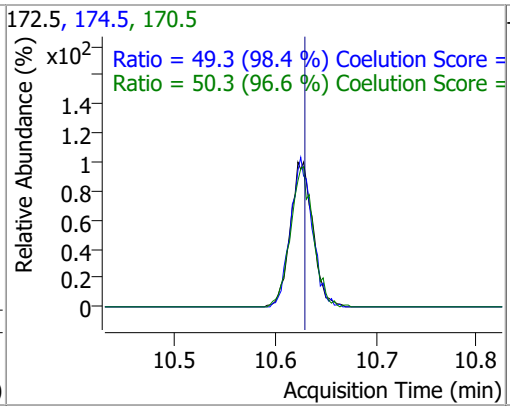


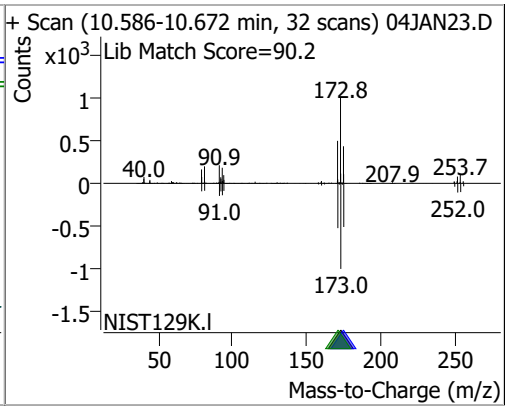




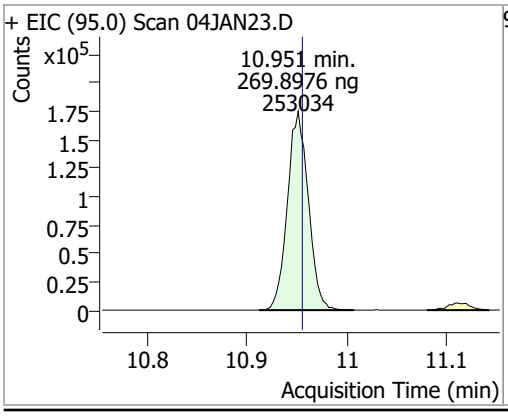
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	129.9644	10.63	0.00	42560	170.5	50.3	22.1	82.1
					174.5	49.3	20.1	80.1

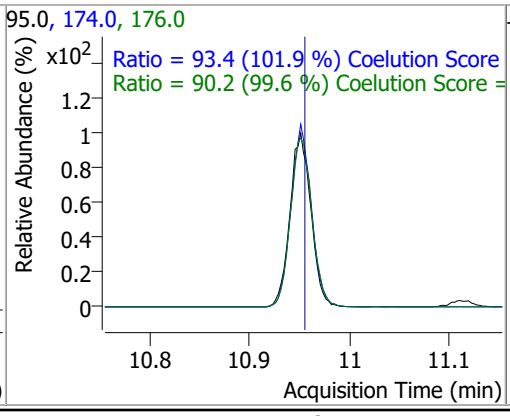


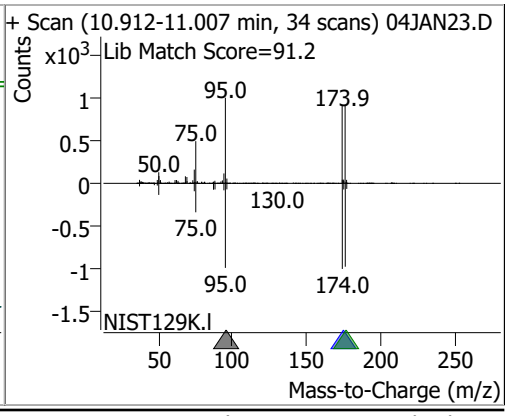




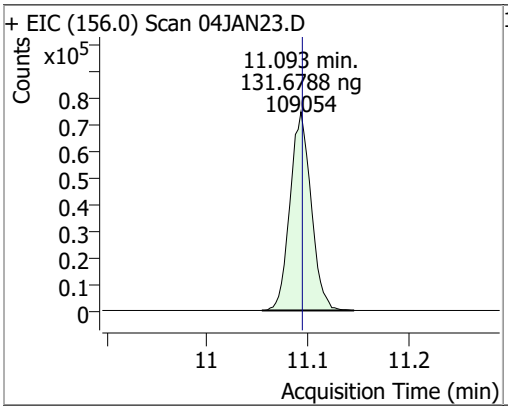
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	269.8976	10.95	0.00	253034	174.0	93.4	61.7	121.7
					176.0	90.2	60.6	120.6

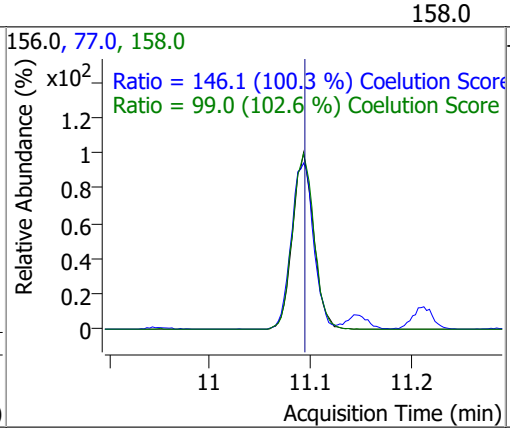


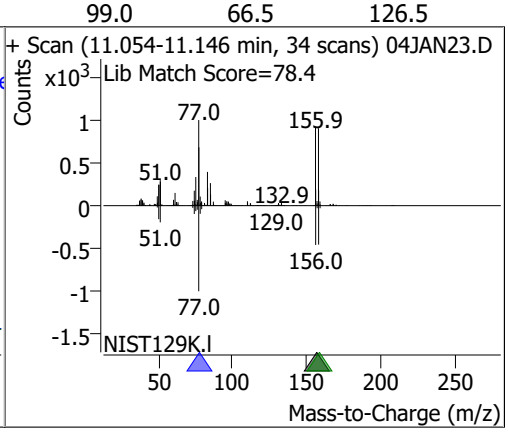




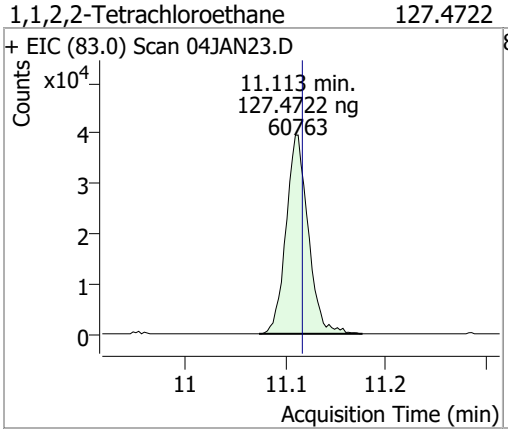
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	131.6788	11.09	0.00	109054	77.0	146.1	115.7	175.7
					158.0	99.0	66.5	126.5

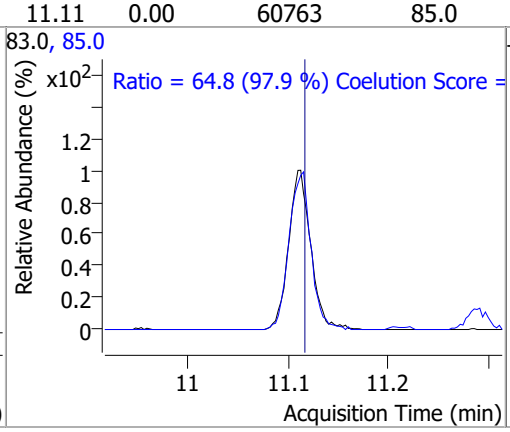


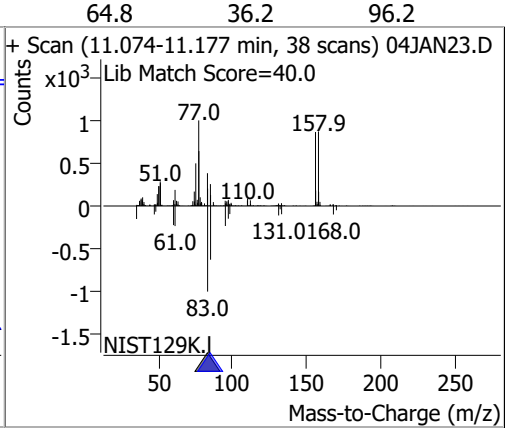




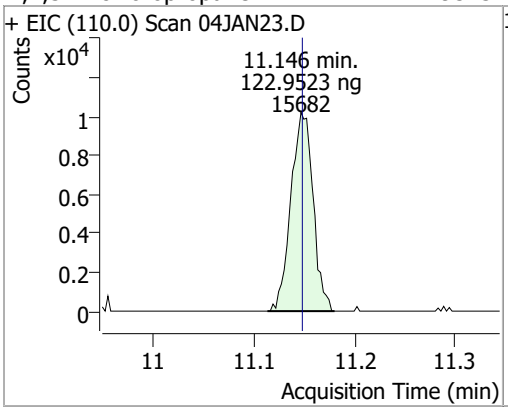
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	127.4722	11.11	0.00	60763	85.0	64.8	36.2	96.2

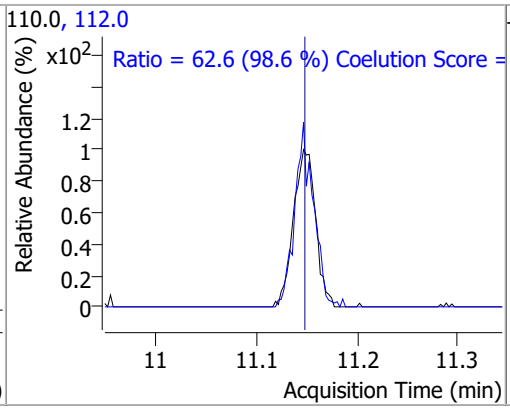


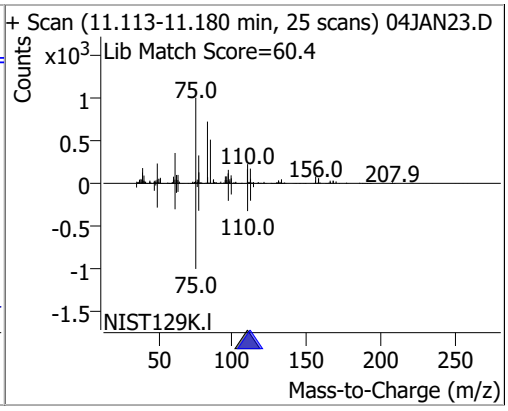




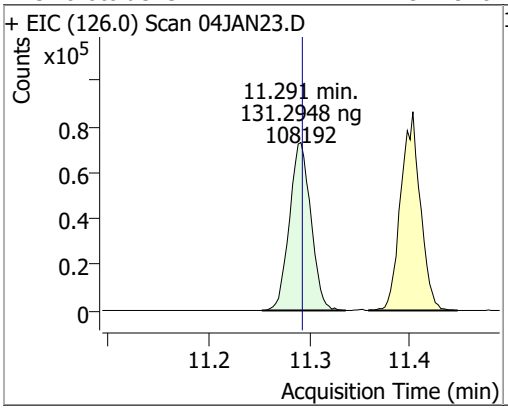
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	122.9523	11.15	0.00	15682	112.0	62.6	33.5	93.5

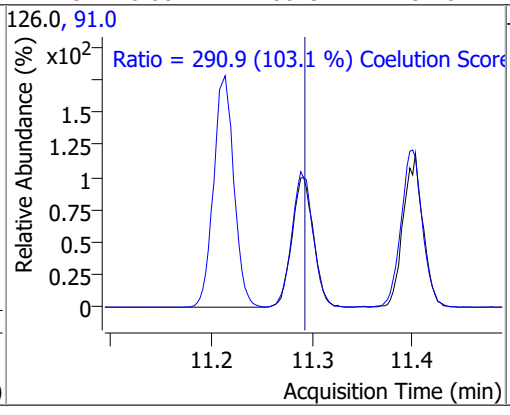


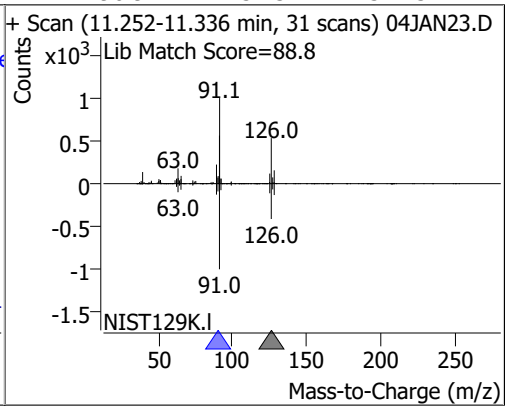




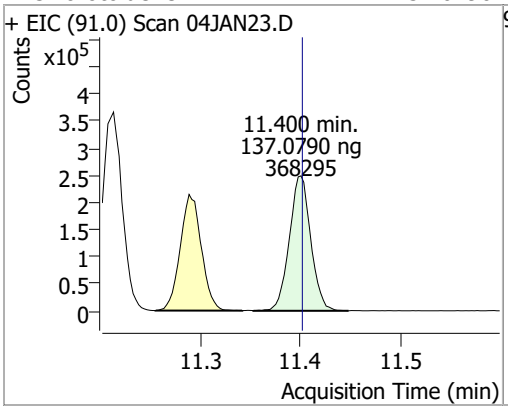
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	131.2948	11.29	0.00	108192	91.0	290.9	252.3	312.3

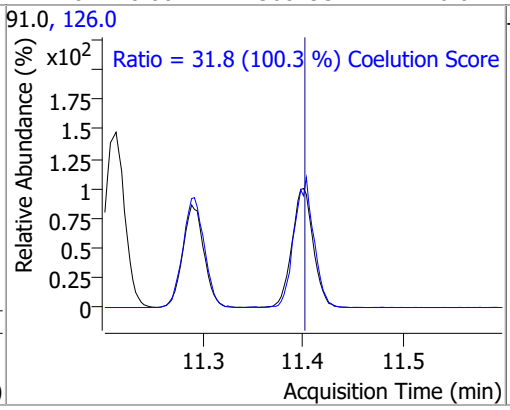


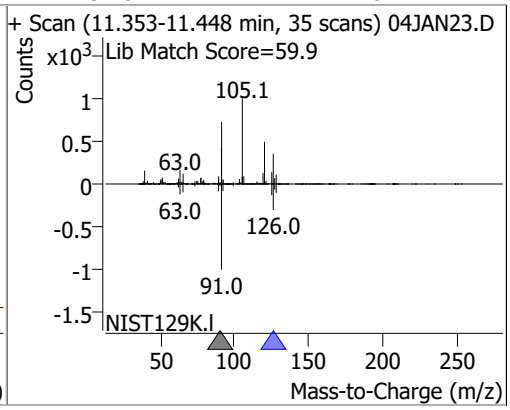




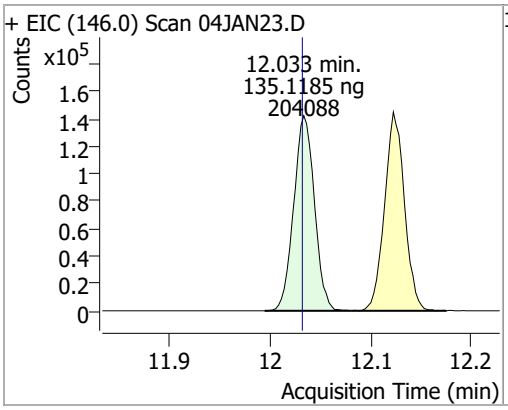
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	137.0790	11.40	0.00	368295	126.0	31.8	1.7	61.7

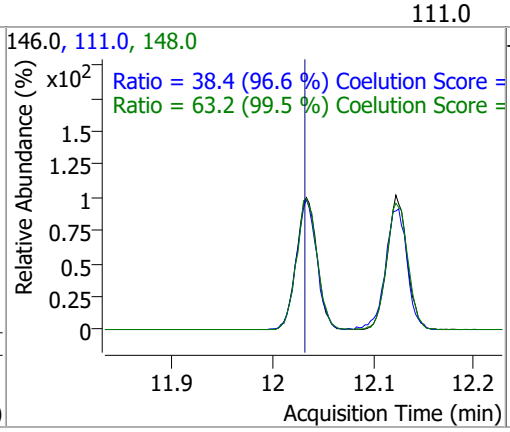


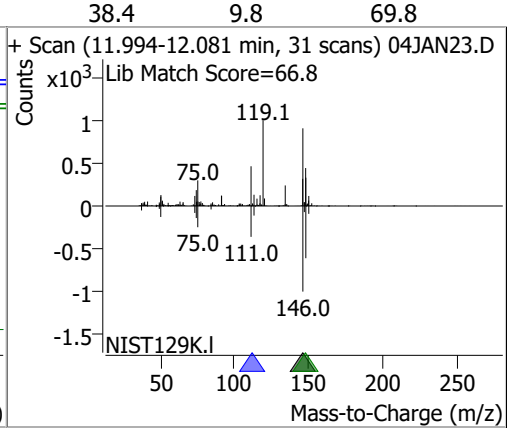




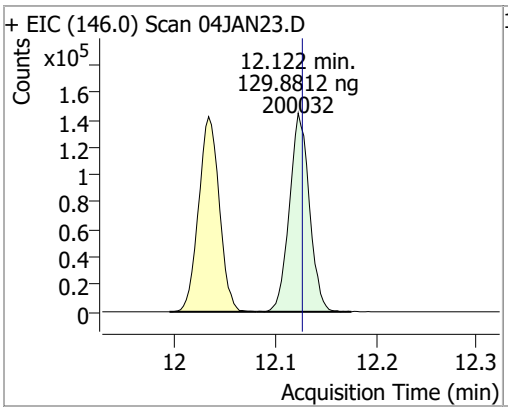
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	135.1185	12.03	0.00	204088	148.0	63.2	33.6	93.6
					111.0	38.4	9.8	69.8

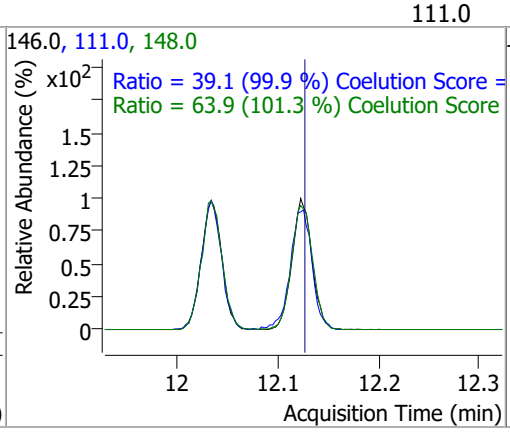


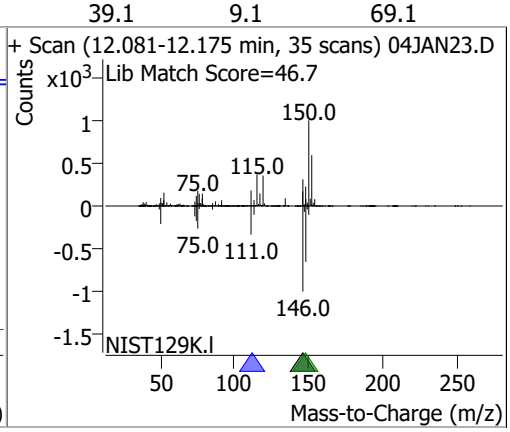




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	129.8812	12.12	0.00	200032	148.0	63.9	33.1	93.1
					111.0	39.1	9.1	69.1

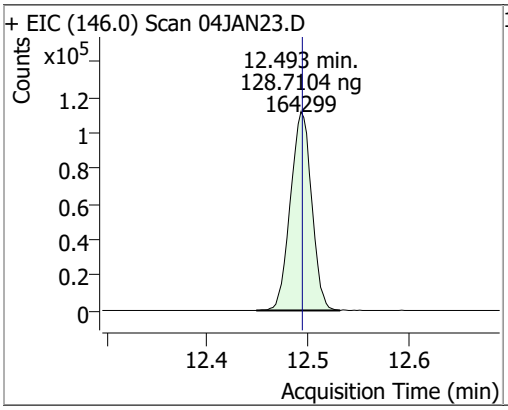


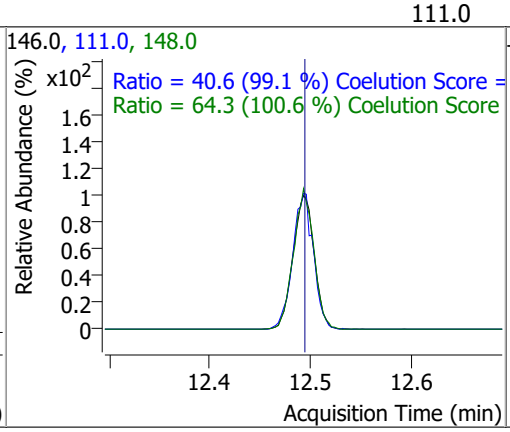


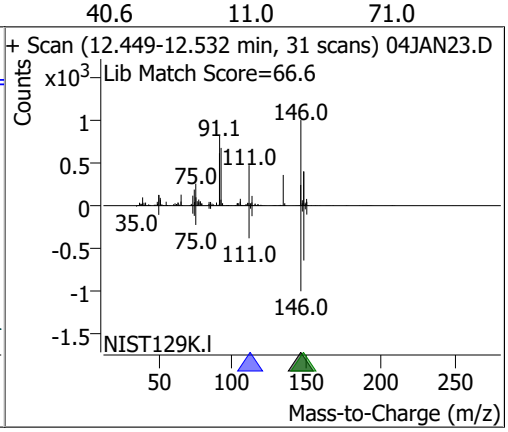


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	128.7104	12.49	0.00	164299	148.0	64.3	33.9	93.9
					111.0	40.6	11.0	71.0







Audit Trail report

Batch name and path: D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	1/4/2022 10:36:43 AM	Create new batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/4/2022 10:36:56 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010422\04JAN02.D, D:\Org\Data\VOA5975C\VG010422\04JAN01.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/4/2022 10:37:01 AM	Set SampleType = MatrixBlank for sample 04JAN02.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/4/2022 10:37:04 AM	Set SampleType = TuneCheck for sample 04JAN02.D; previous value = MatrixBlank			✓	
CmdStartMethodEditing	BL2000\mchavez	1/4/2022 10:52:58 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\mchavez	1/4/2022 10:52:59 AM	Import method from batch D:\Org\Data\VOA5975C\VG010322\VG010322_8260B_2ndRun.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/4/2022 10:53:03 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/4/2022 10:53:03 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/4/2022 10:53:03 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/4/2022 10:53:07 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/4/2022 10:54:55 AM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/4/2022 11:14:07 AM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/4/2022 11:14:24 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010422\04JAN03.D			✓	
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CmdSetSampleAttribute	BL2000\mchavez	1/4/2022 11:14:31 AM	Set LevelName = CC for sample 04JAN03.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/4/2022 11:14:35 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/4/2022 11:15:38 AM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/4/2022 1:02:39 PM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	1/4/2022 1:02:58 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010422\04JAN05.D, D:\Org\Data\VOA5975C\VG010422\04JAN04.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/4/2022 1:03:09 PM	Set SampleType = TuneCheck for sample 04JAN05.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	1/4/2022 1:03:40 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/4/2022 1:14:26 PM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
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CmdSetSampleAttribute	BL2000\mchavez	1/4/2022 1:47:35 PM	Set SampleType = CC for sample 04JAN06.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/4/2022 1:47:38 PM	Set LevelName = CC for sample 04JAN06.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/4/2022 1:47:44 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/4/2022 1:53:45 PM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/4/2022 3:05:35 PM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/4/2022 3:06:14 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010422\04JAN08.D, D:\Org\Data\VOA5975C\VG010422\04JAN07.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/4/2022 3:06:26 PM	Set SampleType = TuneCheck for sample 04JAN08.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\mchavez	1/4/2022 3:24:14 PM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/5/2022 8:56:03 AM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	1/5/2022 8:58:43 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010422\04JAN28.D, D:\Org\Data\VOA5975C\VG010422\04JAN27.D, D:\Org\Data\VOA5975C\VG010422\04JAN26.D, D:\Org\Data\VOA5975C\VG010422\04JAN25.D, D:\Org\Data\VOA5975C\VG010422\04JAN24.D, D:\Org\Data\VOA5975C\VG010422\04JAN23.D, D:\Org\Data\VOA5975C\VG010422\04JAN22.D, D:\Org\Data\VOA5975C\VG010422\04JAN21.D, D:\Org\Data\VOA5975C\VG010422\04JAN20.D, D:\Org\Data\VOA5975C\VG010422\04JAN19.D, D:\Org\Data\VOA5975C\VG010422\04JAN18.D, D:\Org\Data\VOA5975C\VG010422\04JAN17.D, D:\Org\Data\VOA5975C\VG010422\04JAN16.D, D:\Org\Data\VOA5975C\VG010422\04JAN15.D, D:\Org\Data\VOA5975C\VG010422\04JAN14.D, D:\Org\Data\VOA5975C\VG010422\04JAN13.D, D:\Org\Data\VOA5975C\VG010422\04JAN12.D, D:\Org\Data\VOA5975C\VG010422\04JAN11.D, D:\Org\Data\VOA5975C\VG010422\04JAN10.D, D:\Org\Data\VOA5975C\VG010422\04JAN09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 8:59:26 AM	Set SampleType = Blank for sample 04JAN09.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 8:59:31 AM	Set SampleType = Calibration for sample 04JAN10.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 8:59:35 AM	Set SampleType = Calibration for sample 04JAN11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 8:59:40 AM	Set SampleType = Calibration for sample 04JAN12.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 8:59:45 AM	Set SampleType = Calibration for sample 04JAN13.D; previous value = Sample			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 8:59:50 AM	Set SampleType = Calibration for sample 04JAN15.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 8:59:55 AM	Set SampleType = Calibration for sample 04JAN17.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 9:00:00 AM	Set SampleType = Calibration for sample 04JAN19.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 9:00:08 AM	Set SampleType = Calibration for sample 04JAN21.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 9:00:14 AM	Set SampleType = QC for sample 04JAN23.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\mchavez	1/5/2022 9:11:16 AM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/5/2022 9:58:34 AM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdQuantitate	BL2000\mchavez	1/5/2022 9:58:40 AM	Quantitate all compounds in all samples				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Batch quantitation failed ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Sample not validated: Level name is undefined for a Calibration or QC sample. at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.Batch.ValidateBatchMethod() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.Batch.Quantitate() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.Batch.Quantitate() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdQuantitate.QuantitateBatch(Int16 batchId) at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:06:05 AM	Set LevelName = 1 for sample 04JAN10.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	1/5/2022 10:06:09 AM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/5/2022 10:14:38 AM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:14:47 AM	Set LevelName = 2 for sample 04JAN11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:14:52 AM	Set LevelName = 3 for sample 04JAN12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:14:57 AM	Set LevelName = 4 for sample 04JAN13.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:15:05 AM	Set LevelName = 5 for sample 04JAN15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:15:11 AM	Set LevelName = 6 for sample 04JAN17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:15:16 AM	Set LevelName = 7 for sample 04JAN19.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:15:21 AM	Set LevelName = 8 for sample 04JAN21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:15:29 AM	Set LevelName = QC for sample 04JAN23.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:15:36 AM	Set SampleInformation = LCSA for sample 04JAN23.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/5/2022 10:16:01 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:16:49 AM	Manually integrate compound Chloroethane in sample 04JAN10.D, from x, y = 1.874, 1384 to 1.916, 1542, result = 2178; previous integration is from x, y = 1.894, 1143 to 1.933, 1143 and previous response = 2132.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:16:53 AM	Manually integrate qualifier66.0 of compound Chloroethane in sample 04JAN10.D from x, y = 1.869, 0 to 1.908, 8; result = 781			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:16:54 AM	Manually integrate qualifier 66.0 of compound Chloroethane in sample 04JAN10.D, from x, y = 1.869, 0 to 1.913, 0, result = 824; previous integration is from x, y = 1.869, 0 to 1.908, 8 and previous response = 781.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:17:08 AM	Manually integrate compound Bromomethane in sample 04JAN10.D from x, y = 1.768, -2 to 1.849, 0; result = 1902			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:17:15 AM	Manually integrate qualifier87.0 of compound Dichlorodifluoromethane in sample 04JAN10.D from x, y = 1.202, 0 to 1.289, 0; result = 1393			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:17:25 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 04JAN10.D from x, y = 1.370, 0 to 1.459, 0; result = 1679			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:17:55 AM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 04JAN10.D, from x, y = 1.492, 6362 to 1.506, 5900, result = 1131; previous integration is from x, y = 1.308, 0 to 1.682, 0 and previous response = 192320.			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:18:11 AM	Manually integrate compound 1,1-Dichloroethene in sample 04JAN10.D from x, y = 2.636, 0 to 2.747, 0; result = 2084			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:18:16 AM	Manually integrate qualifier63.0 of compound 1,1-Dichloroethene in sample 04JAN10.D from x, y = 2.672, 0 to 2.753, 0; result = 1158			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:18:38 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 04JAN10.D from x, y = 3.288, 0 to 3.386, 0; result = 1820			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:19:27 AM	Manually integrate compound trans-1,2-Dichloroethene in sample 04JAN10.D from x, y = 3.673, 0 to 3.762, 0; result = 2146			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:19:31 AM	Manually integrate qualifier98.0 of compound trans-1,2-Dichloroethene in sample 04JAN10.D from x, y = 3.684, 0 to 3.779, 0; result = 1426			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:19:36 AM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 04JAN10.D from x, y = 3.698, 0 to 3.832, 0; result = 2717			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:19:38 AM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04JAN10.D from x, y = 3.690, 0 to 3.798, 0; result = 531			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:19:46 AM	Manually integrate compound 2,2-Dichloropropane in sample 04JAN10.D from x, y = 5.137, 0 to 5.279, 0; result = 2930			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:19:49 AM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 04JAN10.D from x, y = 5.151, 0 to 5.285, 0; result = 814			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:19:52 AM	Manually integrate qualifier41.0 of compound 2,2-Dichloropropane in sample 04JAN10.D from x, y = 5.151, 0 to 5.257, 0; result = 2246			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:20:11 AM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 04JAN10.D from x, y = 4.323, 0 to 4.465, 0; result = 1347			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:20:13 AM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 04JAN10.D from x, y = 4.342, 0 to 4.426, 0; result = 227			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:26:02 AM	Manually integrate compound cis-1,2-Dichloroethene in sample 04JAN10.D from x, y = 5.145, 0 to 5.282, 0; result = 2376			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:05 AM	Manually integrate qualifier61.0 of compound cis-1,2-Dichloroethene in sample 04JAN10.D from x, y = 5.151, 0 to 5.274, 0; result = 4139			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:07 AM	Manually integrate qualifier98.0 of compound cis-1,2-Dichloroethene in sample 04JAN10.D from x, y = 5.176, 0 to 5.257, 0; result = 1525			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:12 AM	Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 04JAN10.D from x, y = 5.274, 0 to 5.343, 0; result = 435			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:26:18 AM	Manually integrate compound Bromochloromethane in sample 04JAN10.D from x, y = 5.463, 0 to 5.555, 0; result = 807			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:20 AM	Manually integrate qualifier49.0 of compound Bromochloromethane in sample 04JAN10.D from x, y = 5.472, 0 to 5.558, 0; result = 1686			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:23 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 04JAN10.D from x, y = 5.592, 0 to 5.734, 0; result = 2708			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:26:28 AM	Manually integrate compound Dibromofluoromethane in sample 04JAN10.D from x, y = 5.812, 0 to 5.915, 0; result = 2508			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:30 AM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 04JAN10.D from x, y = 5.809, 0 to 5.884, 0; result = 479			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:37 AM	Manually integrate qualifier61.0 of compound 1,1,1-Trichloroethane in sample 04JAN10.D from x, y = 5.790, 0 to 5.890, 0; result = 1705			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:42 AM	Manually integrate qualifier121.0 of compound Carbon tetrachloride in sample 04JAN10.D from x, y = 5.999, 0 to 6.068, 0; result = 903			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:46 AM	Manually integrate qualifier110.0 of compound 1,1-Dichloropropene in sample 04JAN10.D from x, y = 5.993, 0 to 6.074, 0; result = 1122			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:26:48 AM	Manually integrate qualifier77.0 of compound 1,1-Dichloropropene in sample 04JAN10.D from x, y = 6.013, 0 to 6.099, 0; result = 1052			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:26:53 AM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 04JAN10.D from x, y = 6.188, -35 to 6.283, 0; result = 1023			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:26:58 AM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 04JAN10.D, from x, y = 6.197, 0 to 6.283, 0, result = 923; previous integration is from x, y = 6.188, -35 to 6.283, 0 and previous response = 1023.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:27:00 AM	Manually integrate qualifier65.0 of compound 1,2-Dichloroethane-d4 in sample 04JAN10.D from x, y = 6.199, 0 to 6.275, 0; result = 1927			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:27:34 AM	Manually integrate qualifier77.0 of compound Benzene in sample 04JAN10.D from x, y = 6.222, 0 to 6.339, 0; result = 1884			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:27:39 AM	Manually integrate compound 1,2-Dichloroethane in sample 04JAN10.D from x, y = 6.269, 0 to 6.386, 0; result = 2415			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:27:41 AM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 04JAN10.D from x, y = 6.280, 0 to 6.378, 0; result = 761			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:27:43 AM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04JAN10.D from x, y = 6.303, 0 to 6.386, 0; result = 119			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:27:47 AM	Manually integrate compound Trichloroethene in sample 04JAN10.D from x, y = 6.989, 0 to 7.083, 0; result = 2372			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:27:51 AM	Manually integrate qualifier 130.0 of compound Trichloroethene in sample 04JAN10.D, from x, y = 6.997, 0 to 7.072, 0, result = 2567; previous integration is from x, y = 6.997, 0 to 7.044, 0 and previous response = 2405.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:27:53 AM	Manually integrate qualifier97.0 of compound Trichloroethene in sample 04JAN10.D from x, y = 6.991, 0 to 7.078, 0; result = 1659			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:27:59 AM	Manually integrate qualifier76.0 of compound 1,2-Dichloropropane in sample 04JAN10.D from x, y = 7.231, 0 to 7.321, 0; result = 733			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:28:03 AM	Manually integrate compound Dibromomethane in sample 04JAN10.D from x, y = 7.357, 0 to 7.424, 0; result = 902			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:06 AM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 04JAN10.D from x, y = 7.357, 0 to 7.454, 0; result = 535			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:09 AM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 04JAN10.D from x, y = 7.360, 0 to 7.429, 0; result = 1002			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:15 AM	Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 04JAN10.D from x, y = 7.546, 0 to 7.633, 0; result = 1631			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:17 AM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 04JAN10.D from x, y = 7.569, 0 to 7.633, 0; result = 130			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:23 AM	Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 04JAN10.D from x, y = 8.009, 0 to 8.107, 0; result = 922			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:35 AM	Manually integrate qualifier39.0 of compound cis-1,3-Dichloropropene in sample 04JAN10.D from x, y = 8.037, 0 to 8.090, 0; result = 1459			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:40 AM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 04JAN10.D from x, y = 8.271, 0 to 8.350, 0; result = 699			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:28:47 AM	Manually integrate compound trans-1,3-Dichloropropene in sample 04JAN10.D from x, y = 8.614, 0 to 8.684, 0; result = 1470			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:28:50 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04JAN10.D, from x, y = 8.601, 0 to 8.656, -10, result = 8023; previous integration is from x, y = 8.656, 57 to 8.709, 135 and previous response = 3575.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:29:03 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04JAN10.D, from x, y = 8.601, 0 to 8.656, 156, result = 6858; previous integration is from x, y = 8.601, 0 to 8.835, -10 and previous response = 8023.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/5/2022 10:29:04 AM	Drop baseline for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04JAN10.D to y = 0, new integration is from x, y = 8.601, 0 to 8.835, 0 and new response = 7954; previous integration is from x, y = 8.601, 0 to 8.835, 156 and previous response = 6858.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:29:09 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04JAN10.D, from x, y = 8.601, 0 to 8.648, 141, result = 368; previous integration is from x, y = 8.601, 0 to 8.835, 0 and previous response = 7954.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/5/2022 10:29:12 AM	Drop baseline for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04JAN10.D to y = 0, new integration is from x, y = 8.601, 0 to 8.648, 0 and new response = 568; previous integration is from x, y = 8.601, 0 to 8.648, 141 and previous response = 368.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:29:19 AM	Manually integrate qualifier39.0 of compound trans-1,3-Dichloropropene in sample 04JAN10.D from x, y = 8.614, 0 to 8.648, 26; result = 974			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/5/2022 10:29:21 AM	Drop baseline for qualifier 39.0 of compound trans-1,3-Dichloropropene in sample 04JAN10.D to y = 0, new integration is from x, y = 8.614, 0 to 8.648, 0 and new response = 1000; previous integration is from x, y = 8.614, 0 to 8.648, 26 and previous response = 974.			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:29:29 AM	Manually integrate compound 1,1,2-Trichloroethane in sample 04JAN10.D from x, y = 8.785, 0 to 8.843, 0; result = 960			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:29:31 AM	Manually integrate qualifier97.0 of compound 1,1,2-Trichloroethane in sample 04JAN10.D from x, y = 8.782, 0 to 8.857, 0; result = 1099			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:29:34 AM	Manually integrate qualifier85.0 of compound 1,1,2-Trichloroethane in sample 04JAN10.D from x, y = 8.796, 0 to 8.851, 0; result = 418			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:29:39 AM	Manually integrate compound Tetrachloroethene in sample 04JAN10.D from x, y = 8.899, 0 to 8.983, 0; result = 2105			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:29:43 AM	Manually integrate qualifier165.8 of compound Tetrachloroethene in sample 04JAN10.D from x, y = 8.885, 0 to 9.019, 0; result = 2853			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:29:48 AM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 04JAN10.D from x, y = 8.952, 0 to 9.010, 0; result = 452			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:29:52 AM	Manually integrate compound Chlorodibromomethane in sample 04JAN10.D from x, y = 9.169, 0 to 9.256, 0; result = 1468			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:29:54 AM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 04JAN10.D from x, y = 9.175, 0 to 9.242, 0; result = 1140			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:29:58 AM	Manually integrate compound 1,2-Dibromoethane in sample 04JAN10.D from x, y = 9.278, 0 to 9.348, 0; result = 1299			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:30:00 AM	Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 04JAN10.D from x, y = 9.275, 0 to 9.340, 0; result = 1039			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:30:35 AM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 04JAN15.D, from x, y = 1.476, 4348 to 1.540, 3059, result = 44384; previous integration is from x, y = 1.478, 954 to 1.687, 2147 and previous response = 61198.			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:35:03 AM	Set SampleApproved = True for sample 04JAN15.D; previous value = False			✓	
CmdStartMethodEditing	BL2000\mchavez	1/5/2022 10:35:10 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/5/2022 10:35:10 AM	Import method from sample 04JAN15.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\mchavez	1/5/2022 10:35:27 AM	Update retention time for compound 1,4-Dichlorobenzene; 1,3-Dichlorobenzene; 4-Chlorotoluene; 2-Chlorotoluene; 1,2,3-Trichloropropane; Bromobenzene; 1,1,2,2-Tetrachloroethane; p-Bromofluorobenzene; Bromoform; Styrene; o-Xylene; m+p-Xylenes; Ethylbenzene; 1,1,1,2-Tetrachloroethane; Chlorobenzene; 1,2-Dibromoethane; Chlorodibromomethane; 1,3-Dichloropropane; Tetrachloroethene; 1,1,2-Trichloroethane; trans-1,3-Dichloropropene; Toluene; Toluene-d8; cis-1,3-Dichloropropene; Bromodichloromethane; Dibromomethane; 1,2-Dichloropropane; Trichloroethene; 1,2-Dichloroethane; Benzene; 1,2-Dichloroethane-d4; 1,1-Dichloropropene; Carbon tetrachloride; 1,1,1-Trichloroethane; Dibromofluoromethane; Chloroform; Bromochloromethane; Methyl ethyl ketone; cis-1,2-Dichloroethene; 2,2-Dichloropropane; 1,1-Dichloroethane; Methyl tert-butyl ether (MTBE); trans-1,2-Dichloroethene; Methylene chloride; 1,1-Dichloroethene; Trichlorofluoromethane; Chloroethane; Bromomethane; Vinyl chloride; Chloromethane; Dichlorodifluoromethane; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; 1,2-Dichlorobenzene;			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\mchavez	1/5/2022 10:35:32 AM	Update qualifier ratios for compound 1,4-Dichlorobenzene; Update qualifier ratios for compound 1,3-Dichlorobenzene; Update qualifier ratios for compound 4-Chlorotoluene; Update qualifier ratios for compound 2-Chlorotoluene; Update qualifier ratios for compound 1,2,3-Trichloropropane; Update qualifier ratios for compound Bromobenzene; Update qualifier ratios for compound 1,1,2,2-Tetrachloroethane; Update qualifier ratios for compound p-Bromofluorobenzene; Update qualifier ratios for compound Bromoform; Update qualifier ratios for compound Styrene; Update qualifier ratios for compound o-Xylene; Update qualifier ratios for compound m+p-Xylenes; Update qualifier ratios for compound Ethylbenzene; Update qualifier ratios for compound 1,1,1,2-Tetrachloroethane; Update qualifier ratios for compound Chlorobenzene; Update qualifier ratios for compound 1,2-Dibromoethane; Update qualifier ratios for compound Chlorodibromomethane; Update qualifier ratios for compound 1,3-Dichloropropane; Update qualifier ratios for compound Tetrachloroethene; Update qualifier ratios for compound 1,1,2-Trichloroethane; Update qualifier ratios for compound trans-1,3-Dichloropropene; Update qualifier ratios for compound Toluene; Update qualifier ratios for compound Toluene-d8; Update qualifier ratios for compound cis-1,3-Dichloropropene; Update qualifier ratios for compound Bromodichloromethane; Update qualifier ratios for compound Dibromomethane; Update qualifier ratios for compound 1,2-Dichloropropane; Update qualifier ratios for compound Trichloroethene; Update qualifier ratios for compound 1,2-Dichloroethane; Update qualifier ratios for compound Benzene; Update qualifier ratios for compound 1,2-Dichloroethane-d4; Update qualifier ratios for compound 1,1-Dichloropropene; Update qualifier ratios for compound Carbon tetrachloride; Update qualifier ratios for compound 1,1,1-Trichloroethane; Update qualifier ratios for compound Dibromofluoromethane; Update			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			qualifier ratios for compound Chloroform; Update qualifier ratios for compound Bromochloromethane; Update qualifier ratios for compound Methyl ethyl ketone; Update qualifier ratios for compound cis-1,2-Dichloroethene; Update qualifier ratios for compound 2,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloroethane; Update qualifier ratios for compound Methyl tert-butyl ether (MTBE); Update qualifier ratios for compound trans-1,2-Dichloroethene; Update qualifier ratios for compound Methylene chloride; Update qualifier ratios for compound 1,1-Dichloroethene; Update qualifier ratios for compound Trichlorofluoromethane; Update qualifier ratios for compound Chloroethane; Update qualifier ratios for compound Bromomethane; Update qualifier ratios for compound Vinyl chloride; Update qualifier ratios for compound Chloromethane; Update qualifier ratios for compound Dichlorodifluoromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound 1,2-Dichlorobenzene;				
CmdApplyMethodToAllSamples	BL2000\mchavez	1/5/2022 10:35:43 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/5/2022 10:35:43 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/5/2022 10:35:43 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/5/2022 10:36:02 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:37:04 AM	Manually integrate compound 2-Chlorotoluene in sample 04JAN10.D from x, y = 11.241, 0 to 11.353, 0; result = 1844			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:37:15 AM	Manually integrate compound Bromobenzene in sample 04JAN10.D from x, y = 11.049, 0 to 11.127, 0; result = 2024			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:37:18 AM	Manually integrate qualifier158.0 of compound Bromobenzene in sample 04JAN10.D from x, y = 11.063, 0 to 11.152, 0; result = 1934			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:37:23 AM	Manually integrate compound 1,1,2,2-Tetrachloroethane in sample 04JAN10.D from x, y = 11.085, 0 to 11.188, 0; result = 1142			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:37:25 AM	Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 04JAN10.D from x, y = 11.071, 0 to 11.147, 0; result = 834			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 10:37:35 AM	Manually integrate compound Bromoform in sample 04JAN10.D from x, y = 10.597, 0 to 10.686, 0; result = 708			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:37:36 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 04JAN10.D from x, y = 10.594, 0 to 10.698, 0; result = 258			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:37:38 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 04JAN10.D from x, y = 10.603, 0 to 10.672, 0; result = 339			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:37:45 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 1,1,2,2-Tetrachloroethane in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:37:53 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 2-Chlorotoluene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:37:55 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 4-Chlorotoluene in sample 04JAN15.D; previous value = True			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:37:58 AM	Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 04JAN10.D from x, y = 11.367, 0 to 11.467, 0; result = 1839			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:38:03 AM	Manually integrate qualifier111.0 of compound 1,3-Dichlorobenzene in sample 04JAN10.D from x, y = 12.000, 0 to 12.061, 0; result = 1469			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:38:05 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 1,3-Dichlorobenzene in sample 04JAN15.D; previous value = True			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 10:38:13 AM	Manually integrate qualifier111.0 of compound 1,2-Dichlorobenzene in sample 04JAN10.D from x, y = 12.432, 0 to 12.538, 0; result = 1190			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:38:15 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 1,2-Dichlorobenzene in sample 04JAN15.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:38:19 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 1,4-Dichlorobenzene in sample 04JAN15.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:38:25 AM	Manually integrate qualifier148.0 of compound 1,2-Dichlorobenzene in sample 04JAN10.D from x, y = 12.468, 0 to 12.555, 0; result = 1894			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:38:44 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound Styrene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:38:48 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound o-Xylene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:38:51 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound m+p-Xylenes in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:38:58 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound Ethylbenzene in sample 04JAN15.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:40:02 AM	Manually integrate qualifier 106.0 of compound Ethylbenzene in sample 04JAN10.D, from x, y = 9.883, 0 to 9.953, 0, result = 3266; previous integration is from x, y = 9.914, 0 to 9.953, 0 and previous response = 2097.			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:40:07 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample 04JAN10.D from x, y = 9.853, 0 to 9.939, 0; result = 1893			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:40:11 AM	Manually integrate qualifier133.0 of compound 1,1,1,2-Tetrachloroethane in sample 04JAN10.D from x, y = 9.841, 0 to 9.931, 0; result = 1911			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:40:23 AM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 04JAN10.D from x, y = 9.783, 18 to 9.844, 0; result = 1827			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/5/2022 10:40:24 AM	Drop baseline for qualifier 114.0 of compound Chlorobenzene in sample 04JAN10.D to y = 0, new integration is from x, y = 9.783, 0 to 9.844, 0 and new response = 1861; previous integration is from x, y = 9.783, 18 to 9.844, 0 and previous response = 1827.			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:41:20 AM	Set SampleApproved = True for sample 04JAN10.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:41:35 AM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 04JAN11.D, from x, y = 1.487, 5730 to 1.520, 4652, result = 5622; previous integration is from x, y = 1.311, 0 to 1.679, 0 and previous response = 180129.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:41:38 AM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 04JAN11.D, from x, y = 1.484, 5832 to 1.520, 4652, result = 5972; previous integration is from x, y = 1.487, 5730 to 1.520, 4652 and previous response = 5622.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:41:51 AM	Manually integrate qualifier 63.0 of compound 1,1-Dichloroethene in sample 04JAN11.D, from x, y = 2.663, 0 to 2.736, 0, result = 5268; previous integration is from x, y = 2.697, 0 to 2.736, 0 and previous response = 3135.			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:41:59 AM	Manually integrate compound trans-1,2-Dichloroethene in sample 04JAN11.D, from x, y = 3.678, 0 to 3.765, 0, result = 9821; previous integration is from x, y = 3.678, 0 to 3.718, 0 and previous response = 5041.			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:42:05 AM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 04JAN11.D, from x, y = 3.687, 0 to 3.823, 182, result = 11769; previous integration is from x, y = 3.737, 0 to 3.804, 0 and previous response = 10323.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/5/2022 10:42:08 AM	Drop baseline for compound Methyl tert-butyl ether (MTBE) in sample 04JAN11.D to y = 0, new integration is from x, y = 3.687, 0 to 3.823, 0 and new response = 12515; previous integration is from x, y = 3.687, 0 to 3.823, 182 and previous response = 11769.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:42:12 AM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04JAN11.D, from x, y = 3.681, 0 to 3.821, 0, result = 3045; previous integration is from x, y = 3.709, 0 to 3.776, 0 and previous response = 2643.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:42:20 AM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 04JAN11.D from x, y = 5.140, 0 to 5.240, 0; result = 3733			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:42:32 AM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 04JAN11.D from x, y = 5.809, 0 to 5.918, 0; result = 2020			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:42:45 AM	Manually integrate qualifier 110.0 of compound 1,1-Dichloropropene in sample 04JAN11.D, from x, y = 5.985, 0 to 6.077, 0, result = 5349; previous integration is from x, y = 6.035, 0 to 6.077, 0 and previous response = 3323.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:42:59 AM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04JAN11.D from x, y = 6.275, 0 to 6.381, 0; result = 648			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:43:02 AM	Manually integrate qualifier 64.0 of compound 1,2-Dichloroethane in sample 04JAN11.D, from x, y = 6.266, 0 to 6.361, 0, result = 3587; previous integration is from x, y = 6.317, 0 to 6.361, 0 and previous response = 2405.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:43:11 AM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 04JAN11.D from x, y = 7.549, 0 to 7.627, 0; result = 943			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:43:21 AM	Manually integrate compound 1,1,2-Trichloroethane in sample 04JAN11.D, from x, y = 8.768, 0 to 8.882, 0, result = 5090; previous integration is from x, y = 8.818, 0 to 8.851, 0 and previous response = 2437.			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:44:13 AM	Manually integrate compound 1,2,3-Trichloropropane in sample 04JAN11.D from x, y = 11.099, 0 to 11.174, 0; result = 1654			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:44:16 AM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 04JAN11.D from x, y = 11.096, 0 to 11.191, 0; result = 1059			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:44:25 AM	Set SampleApproved = True for sample 04JAN11.D; previous value = False			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/5/2022 10:44:48 AM	Manually integrate compound 1,2,3-Trichloropropane in sample 04JAN12.D, from x, y = 11.099, 0 to 11.180, 0, result = 3200; previous integration is from x, y = 11.141, 0 to 11.180, 0 and previous response = 2198.			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:45:22 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound Chlorodibromomethane in sample 04JAN15.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:45:30 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound Tetrachloroethene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:45:37 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 1,1,2-Trichloroethane in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:45:40 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound trans-1,3-Dichloropropene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:45:45 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound Toluene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:45:57 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound cis-1,3-Dichloropropene in sample 04JAN15.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:46:03 AM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 04JAN12.D from x, y = 7.541, 0 to 7.633, 0; result = 2111			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:46:15 AM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04JAN12.D from x, y = 6.278, 83 to 6.370, 0; result = 1440			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/5/2022 10:46:16 AM	Drop baseline for qualifier 98.0 of compound 1,2-Dichloroethane in sample 04JAN12.D to y = 0, new integration is from x, y = 6.278, 0 to 6.370, 0 and new response = 1669; previous integration is from x, y = 6.278, 83 to 6.370, 0 and previous response = 1440.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:46:38 AM	Manually integrate qualifier 97.0 of compound 2,2-Dichloropropane in sample 04JAN12.D, from x, y = 5.143, 0 to 5.254, 0, result = 6975; previous integration is from x, y = 5.187, 0 to 5.229, 0 and previous response = 4210.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:46:55 AM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 04JAN12.D, from x, y = 1.473, 6379 to 1.526, 4265, result = 8175; previous integration is from x, y = 1.305, 0 to 1.676, 0 and previous response = 154800.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:47:03 AM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 04JAN12.D, from x, y = 1.467, 4922 to 1.529, 3954, result = 11779; previous integration is from x, y = 1.473, 6379 to 1.526, 4265 and previous response = 8175.			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:47:11 AM	Set SampleApproved = True for sample 04JAN12.D; previous value = False			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/5/2022 10:47:23 AM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 04JAN13.D, from x, y = 1.470, 5496 to 1.517, 5210, result = 15113; previous integration is from x, y = 1.308, 0 to 1.679, 0 and previous response = 148305.			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:47:46 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound Chloroform in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:47:57 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 1,1-Dichloropropene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:48:15 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound Trichloroethene in sample 04JAN15.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/5/2022 10:48:21 AM	Set LevelEnable = False for calibration level 1, levelId = 20 of compound 1,2-Dichloropropane in sample 04JAN15.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:48:59 AM	Set SampleApproved = True for sample 04JAN13.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/5/2022 10:49:20 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:53:33 AM	Set SampleApproved = True for sample 04JAN17.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:53:45 AM	Set SampleApproved = True for sample 04JAN19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:53:56 AM	Set SampleApproved = True for sample 04JAN21.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/5/2022 10:55:07 AM	Set SampleApproved = True for sample 04JAN23.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/5/2022 10:55:43 AM	Replace level QC with QC sample 04JAN23.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 8 with Calibration sample 04JAN21.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 7 with Calibration sample 04JAN19.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 6 with Calibration sample 04JAN17.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 5 with Calibration sample 04JAN15.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 4 with Calibration sample 04JAN13.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 3 with Calibration sample 04JAN12.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 2 with Calibration sample 04JAN11.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene}; Replace level 1 with Calibration sample 04JAN10.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, o-Xylene};				
CmdQuantitate	BL2000\mchavez	1/5/2022 10:55:58 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 11:01:11 AM	Manually integrate compound Methylene chloride in sample 04JAN09.D from x, y = 3.296, 0 to 3.383, 0; result = 1661			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 11:01:17 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 04JAN09.D from x, y = 3.299, 0 to 3.369, 0; result = 1075			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/5/2022 11:01:19 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 04JAN09.D from x, y = 3.294, 0 to 3.413, 0; result = 694			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 11:02:10 AM	Manually integrate compound Vinyl chloride in sample 04JAN09.D from x, y = 1.467, 0 to 1.520, 0; result = 73			✓	
CmdStartMethodEditing	BL2000\mchavez	1/5/2022 11:02:39 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/5/2022 11:02:39 AM	Import method from sample 04JAN09.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	1/5/2022 11:03:13 AM	Set CurveFit = fitAverageOfResponseFactors for compound Bromomethane; previous value = fitQuadratic			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	1/5/2022 11:03:16 AM	Set CurveFitWeight = weightEqual for compound Bromomethane; previous value = weightOneOverX			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/5/2022 11:03:28 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/5/2022 11:03:28 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/5/2022 11:03:29 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/5/2022 11:03:49 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 11:05:06 AM	Manually integrate compound Chloroethane in sample 04JAN12.D, from x, y = 1.863, 1400 to 1.922, 1881, result = 14646; previous integration is from x, y = 1.863, 1400 to 1.958, 1400 and previous response = 16843.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/5/2022 11:05:19 AM	Manually integrate compound Chloroethane in sample 04JAN11.D, from x, y = 1.869, 1143 to 1.930, 1702, result = 8052; previous integration is from x, y = 1.869, 1143 to 1.941, 1143 and previous response = 9540.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/5/2022 11:05:53 AM	Replace level QC with QC sample 04JAN23.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 8 with Calibration sample 04JAN21.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 7 with Calibration sample 04JAN19.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 6 with Calibration sample 04JAN17.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 5 with Calibration sample 04JAN15.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 4 with Calibration sample 04JAN13.D for				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 3 with Calibration sample 04JAN12.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 2 with Calibration sample 04JAN11.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane}; Replace level 1 with Calibration sample 04JAN10.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Chloroethane};				
CmdQuantitate	BL2000\mchavez	1/5/2022 11:06:12 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\mchavez	1/5/2022 11:07:28 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/5/2022 11:07:47 AM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/9/2022 8:45:32 PM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:47:42 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound o-Xylene in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:48:01 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:48:47 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound m+p-Xylenes in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:49:03 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:49:35 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound Ethylbenzene in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:49:50 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:50:18 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound Styrene in sample 04JAN09.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	1/9/2022 8:50:35 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:50:51 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound Tetrachloroethene in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:51:06 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:51:27 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound Toluene in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:51:42 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:52:26 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound trans-1,3-Dichloropropene in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:52:42 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:52:55 PM	Set LevelEnable = False for calibration level 1, levelId = 30 of compound trans-1,3-Dichloropropene in sample 04JAN09.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:53:25 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound Benzene in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:53:41 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:54:07 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound Chloroform in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:54:23 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:54:39 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound 1,3-Dichlorobenzene in sample 04JAN09.D; previous value = False			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:54:49 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound 1,4-Dichlorobenzene in sample 04JAN09.D; previous value = False			✓	
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:54:54 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound 1,2-Dichlorobenzene in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:55:10 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\mchavez	1/9/2022 8:56:06 PM	Set LevelEnable = True for calibration level 1, levelId = 30 of compound 1,2-Dichloroethane in sample 04JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:56:22 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/9/2022 8:56:50 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010422\04JAN15CC.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/9/2022 8:57:23 PM	Set SampleType = Calibration for sample 04JAN15CC.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/9/2022 8:57:29 PM	Set LevelName = 5 for sample 04JAN15CC.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 8:57:56 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/9/2022 8:58:36 PM	Set SampleType = CC for sample 04JAN15CC.D; previous value = Calibration			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/9/2022 8:58:43 PM	Set LevelName = CC for sample 04JAN15CC.D; previous value = 5			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/9/2022 8:59:05 PM	Set UserDefined = Reimported midpoint as CC for sample 04JAN15CC.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/9/2022 8:59:31 PM	Set SampleName = CC010422 for sample 04JAN15CC.D; previous value = ICAL010422_5			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/9/2022 8:59:53 PM	Replace level CC with CC sample 04JAN15CC.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, 1,2-Dichloroethane};			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 9:00:09 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	1/9/2022 9:00:22 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/9/2022 9:00:22 PM	Import method from sample 04JAN23.D			✓	
CmdSaveMethodAs	BL2000\mchavez	1/9/2022 9:00:57 PM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL.m			✓	
CmdSaveMethodAs	BL2000\mchavez	1/9/2022 9:02:42 PM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m			✓	
CmdMethodClear	BL2000\mchavez	1/9/2022 9:02:55 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/9/2022 9:02:56 PM	End method editing			✓	
CmdStartMethodEditing	BL2000\mchavez	1/9/2022 9:03:07 PM	Start method editing			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportMethodFromFile	BL2000\mchavez	1/9/2022 9:03:07 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/9/2022 9:03:19 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/9/2022 9:03:19 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/9/2022 9:03:20 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 9:03:36 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/9/2022 9:04:21 PM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/10/2022 2:13:24 PM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/10/2022 2:13:38 PM	Set SampleApproved = True for sample 04JAN08.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\mchavez	1/10/2022 2:14:50 PM	Zero out primary peak of compound Chloromethane in sample 04JAN09.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/10/2022 2:14:56 PM	Zero out primary peak of compound Vinyl chloride in sample 04JAN09.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/10/2022 2:15:19 PM	Manually integrate compound Benzene in sample 04JAN09.D from x, y = 6.250, 0 to 6.311, 0; result = 381			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/10/2022 2:15:21 PM	Manually integrate qualifier77.0 of compound Benzene in sample 04JAN09.D from x, y = 6.258, 0 to 6.308, 0; result = 86			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/10/2022 2:16:46 PM	Set SampleApproved = True for sample 04JAN09.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:17:02 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 04JAN09.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:17:09 PM	Set UserAnnotation = NI for compound Benzene in sample 04JAN09.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:18:45 PM	Set UserAnnotation = NI for compound Tetrachloroethene in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:18:48 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:18:53 PM	Set UserAnnotation = NI for compound 1,2-Dibromoethane in sample 04JAN10.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:18:58 PM	Set UserAnnotation = NI for compound 1,1,1,2-Tetrachloroethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:19:02 PM	Set UserAnnotation = NI for compound Bromoform in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:19:08 PM	Set UserAnnotation = NI for compound 1,1,2,2-Tetrachloroethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:19:13 PM	Set UserAnnotation = NI for compound Bromobenzene in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:19:30 PM	Set UserAnnotation = NI for compound 2-Chlorotoluene in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:20:15 PM	Set UserAnnotation = GT for compound Chloroethane in sample 04JAN11.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:20:34 PM	Set UserAnnotation = LT for compound trans-1,2-Dichloroethene in sample 04JAN11.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:25:39 PM	Set UserAnnotation = LT for compound Methyl tert-butyl ether (MTBE) in sample 04JAN11.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:26:14 PM	Set UserAnnotation = LT for compound 1,1,2-Trichloroethane in sample 04JAN11.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:26:26 PM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 04JAN11.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:26:46 PM	Set UserAnnotation = LT for compound 1,2,3-Trichloropropane in sample 04JAN12.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/10/2022 2:26:59 PM	Set UserAnnotation = GT for compound Chloroethane in sample 04JAN12.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/10/2022 3:00:42 PM	Manually integrate qualifier 148.0 of compound 1,4-Dichlorobenzene in sample 04JAN10.D, from x, y = 12.109, 0 to 12.145, 0, result = 2520; previous integration is from x, y = 12.084, 0 to 12.145, 0 and previous response = 3603.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/10/2022 3:00:52 PM	Manually integrate qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 04JAN10.D, from x, y = 12.123, 0 to 12.148, 0, result = 1067; previous integration is from x, y = 12.075, 0 to 12.123, 0 and previous response = 3515.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/10/2022 3:01:20 PM	Manually integrate qualifier 91.0 of compound o-Xylene in sample 04JAN10.D, from x, y = 10.405, 0 to 10.483, 0, result = 6062; previous integration is from x, y = 10.405, 0 to 10.466, 0 and previous response = 6034.			✓	
CmdClearManualIntegration	BL2000\mchavez	1/10/2022 3:01:29 PM	Clear manual integration of qualifier 91.0 for compound o-Xylene in sample 04JAN10.D			✓	
CmdSetLevelEnable	BL2000\mchavez	1/10/2022 3:07:00 PM	Set LevelEnable = False for calibration level 1, levelId = 30 of compound o-Xylene in sample 04JAN23.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	1/10/2022 3:07:39 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/10/2022 3:12:09 PM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/11/2022 8:47:03 AM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	1/11/2022 8:47:16 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/11/2022 8:47:16 AM	Import method from sample 04JAN01.D			✓	
CmdSaveMethodAs	BL2000\mchavez	1/11/2022 8:47:26 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/11/2022 8:48:57 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/11/2022 8:48:57 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/11/2022 8:48:58 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 8:49:22 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/11/2022 8:54:59 AM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 1:48:49 PM	Open batch D:\Org\Data\VOA5975C\VG010422\VG010422_8260B.batch.bin			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:23 PM	Set UserAnnotation = NI for compound Bromomethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:29 PM	Set UserAnnotation = GT for compound Chloroethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:34 PM	Set UserAnnotation = NI for compound 1,1-Dichloroethene in sample 04JAN10.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:38 PM	Set UserAnnotation = NI for compound trans-1,2-Dichloroethene in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:43 PM	Set UserAnnotation = NI for compound Methyl tert-butyl ether (MTBE) in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:46 PM	Set UserAnnotation = NI for compound 2,2-Dichloropropane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:51 PM	Set UserAnnotation = NI for compound cis-1,2-Dichloroethene in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:55 PM	Set UserAnnotation = NI for compound Bromochloromethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:49:59 PM	Set UserAnnotation = NI for compound Dibromofluoromethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:50:03 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:50:06 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:50:10 PM	Set UserAnnotation = NI for compound Trichloroethene in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:50:14 PM	Set UserAnnotation = NI for compound Dibromomethane in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:50:19 PM	Set UserAnnotation = NI for compound trans-1,3-Dichloropropene in sample 04JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 1:50:23 PM	Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 04JAN10.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 1:54:50 PM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	2/28/2022 1:56:23 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG010422\QuantReports\VG010422_8260B			✓	
CmdStartMethodEditing	BL2000\mchavez	2/28/2022 1:57:20 PM	Start method editing			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportMethodFromFile	BL2000\mchavez	2/28/2022 1:57:21 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	2/28/2022 1:57:33 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	2/28/2022 1:57:33 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	2/28/2022 1:57:33 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 1:57:54 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 1:59:46 PM	Save batch D:\Org\Data\VOA5975C\VG010422\QuantResults\VG010422_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	2/28/2022 2:00:55 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG010422\QuantReports\VG010422_8260B-1			✓	

Energy Laboratories Inc

ANALYTICAL RUN Summary

28-Feb-22

Run ID VOA5975C.I_220106A

Run Start Date:	1/6/2022
Analyst:	Melissa Chavez
Ical:	
Column ID:	
Comments:	

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	ALL (TUNE	12/31/2022
VOCF3529B	2nd Source MtBE	1.05	ul	42	ml	LCS, MS, M	1/29/2022
VOCF3546A	Liquids	1.05	ul	42	ml	CCV	1/13/2022
VOCF3549	2nd Source Ketones	1.05	ul	42	ml	LCS, MS, M	1/15/2022
VOCF3550	Ketones	1.05	ul	42	ml	CCV	1/16/2022
VOCF3558B	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	2/27/2022
VOCF3559A	MtBE	1.05	ul	42	ml	CCV	1/27/2022
VOCF3562A	Gases	1.05	ul	42	ml	CCV	1/10/2022
VOCF3566A	2nd Source Gases	1.05	ul	42	ml	LCS, MS, M	1/11/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972157	06JAN02_D_TU	VOC-8260-BFB	TUNE	)A5975C\VG010(	1/6/2022 9:44:00	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	1.1	1.1		100	0	0	0	0	0	1%	0	1.99	0%	
174, % of mass 95	A	%	95.1	95.1		100	0	0	0	0	0	95%	50	99.99	0%	
175, % of mass 174	A	%	7.4	7.4		100	0	0	0	0	0	7%	5	9	0%	
176, % of mass 174	A	%	95.8	95.8		100	0	0	0	0	0	96%	95	101	0%	
177, % of mass 176	A	%	6.6	6.6		100	0	0	0	0	0	7%	5	9	0%	
50, % of mass 95	A	%	21.1	21.1		100	0	0	0	0	0	21%	15	40	0%	
75, % of mass 95	A	%	49.4	49.4		100	0	0	0	0	0	49%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.6	6.6		100	0	0	0	0	0	7%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972158	CCV010622_	VOC-8260-W-Q	CCV	)A5975C\VG010(	1/6/2022 10:27:2	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	123.22913	4.9291652		5	0	0	0.101	0.5	500	99%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	120.25625	4.81025		5	0	0	0.131	0.5	500	96%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	124.09179	4.9636716		5	0	0	0.0872	0.5	500	99%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	118.14264	4.7257056		5	0	0	0.108	0.5	500	95%	80	120	0%	
1,1-Dichloroethane	A	ug/L	121.43892	4.8575568		5	0	0	0.135	0.5	500	97%	80	120	0%	
1,1-Dichloroethene	A	ug/L	118.57261	4.7429044		5	0	0	0.141	0.5	500	95%	80	120	0%	
1,1-Dichloropropene	A	ug/L	119.53597	4.7814388		5	0	0	0.083	0.5	500	96%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	125.38751	5.0155004		5	0	0	0.235	0.5	500	100%	80	120	0%	
1,2-Dibromoethane	A	ug/L	124.00299	4.9601196		5	0	0	0.0916	0.5	500	99%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	119.14472	4.7657888		5	0	0	0.0746	0.5	500	95%	80	120	0%	
1,2-Dichloroethane	A	ug/L	120.87139	4.8348556		5	0	0	0.116	0.5	500	97%	80	120	0%	
1,2-Dichloropropane	A	ug/L	120.65846	4.8263384		5	0	0	0.0847	0.5	500	97%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	121.46497	4.8585988		5	0	0	0.0803	0.5	500	97%	80	120	0%	
1,3-Dichloropropane	A	ug/L	126.13109	5.0452436		5	0	0	0.0791	0.5	500	101%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	117.58966	4.7035864		5	0	0	0.0858	0.5	500	94%	80	120	0%	
2,2-Dichloropropane	A	ug/L	118.60568	4.7442272		5	0	0	0.186	0.5	500	95%	80	120	0%	
2-Chlorotoluene	A	ug/L	125.38986	5.0155944		5	0	0	0.0876	0.5	500	100%	80	120	0%	
4-Chlorotoluene	A	ug/L	123.5714	4.942856		5	0	0	0.0728	0.5	500	99%	80	120	0%	
Benzene	A	ug/L	121.82138	4.8728552		5	0	0	0.0914	0.5	500	97%	80	120	0%	
Bromobenzene	A	ug/L	123.58565	4.943426		5	0	0	0.0831	0.5	500	99%	80	120	0%	
Bromochloromethane	A	ug/L	124.42246	4.9768984		5	0	0	0.141	0.5	500	100%	80	120	0%	
Bromodichloromethane	A	ug/L	119.50623	4.7802492		5	0	0	0.12	0.5	500	96%	80	120	0%	
Bromoform	A	ug/L	121.54054	4.8616216		5	0	0	0.119	0.5	500	97%	80	120	0%	
Bromomethane	A	ug/L	138.35012	5.5340048		5	0	0	0.253	0.5	500	111%	80	120	0%	
Carbon tetrachloride	A	ug/L	115.96743	4.6386972		5	0	0	0.143	0.5	500	93%	80	120	0%	
Chlorobenzene	A	ug/L	122.30298	4.8921192		5	0	0	0.0914	0.5	500	98%	80	120	0%	
Chlorodibromomethane	A	ug/L	123.2198	4.928792		5	0	0	0.0841	0.5	500	99%	80	120	0%	
Chloroethane	A	ug/L	129.20171	5.1680684		5	0	0	0.169	0.5	500	103%	80	120	0%	
Chloroform	A	ug/L	116.64326	4.6657304		5	0	0	0.0789	0.5	500	93%	80	120	0%	
Chloromethane	A	ug/L	126.82027	5.0728108		5	0	0	0.162	0.5	500	101%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	124.40882	4.9763528		5	0	0	0.108	0.5	500	100%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	119.2897	4.771588		5	0	0	0.073	0.5	500	95%	80	120	0%	
Dibromomethane	A	ug/L	119.43179	4.7772716		5	0	0	0.147	0.5	500	96%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	127.50426	5.1001704		5	0	0	0.175	0.5	500	102%	80	120	0%	
Ethylbenzene	A	ug/L	122.09525	4.88381		5	0	0	0.0836	0.5	500	98%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972158	CCV010622_	VOC-8260-W-Q	CCV	)A5975C\VG010(	1/6/2022 10:27:2	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	249.60152	9.9840608		10	0	0	0.15	0.5	1000	100%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1210.93798	48.4375192		50	0	0	1.77	10	5000	97%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	128.65203	5.1460812		5	0	0	0.101	0.5	500	103%	80	120	0%	
Methylene chloride	A	ug/L	114.48987	4.5795948		5	0	0	0.338	0.5	500	92%	80	120	0%	
o-Xylene	A	ug/L	122.82289	4.9129156		5	0	0	0.0604	0.5	500	98%	80	120	0%	
Styrene	A	ug/L	127.6093	5.104372		5	0	0	0.067	0.5	500	102%	80	120	0%	
Tetrachloroethene	A	ug/L	118.77909	4.7511636		5	0	0	0.0671	0.5	500	95%	80	120	0%	
Toluene	A	ug/L	123.34273	4.9337092		5	0	0	0.0679	0.5	500	99%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	121.73388	4.8693552		5	0	0	0.125	0.5	500	97%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	127.20563	5.0882252		5	0	0	0.0846	0.5	500	102%	80	120	0%	
Trichloroethene	A	ug/L	120.19945	4.807978		5	0	0	0.0993	0.5	500	96%	80	120	0%	
Trichlorofluoromethane	A	ug/L	123.47766	4.9391064		5	0	0	0.134	0.5	500	99%	80	120	0%	
Vinyl chloride	A	ug/L	127.00321	5.0801284		5	0	0	0.153	0.5	500	102%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	372.42441	14.8969764		15	0	0	0.0604	0.5	1500	99%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	283.91675	11.35667		10	0	0	0.229	0.5	500	114%	80	120	0%	
Dibromofluoromethane	S	ug/L	271.21756	10.8487024		10	0	0	0.129	0.5	500	108%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	264.75843	10.5903372		10	0	0	0.149	0.5	500	106%	80	120	0%	
Toluene-d8	S	ug/L	277.39789	11.0959156		10	0	0	0.23	0.5	500	111%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972159	LCS010622_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG010(	1/6/2022 11:07:3	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	121.59355	4.863742		5	0	0	0.101	0.5	500	97%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	121.71912	4.8687648		5	0	0	0.131	0.5	500	97%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	129.54356	5.1817424		5	0	0	0.0872	0.5	500	104%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	124.10501	4.9642004		5	0	0	0.108	0.5	500	99%	80	119	0%	
1,1-Dichloroethane	A	ug/L	133.25195	5.330078		5	0	0	0.135	0.5	500	107%	77	125	0%	
1,1-Dichloroethene	A	ug/L	129.64048	5.1856192		5	0	0	0.141	0.5	500	104%	71	131	0%	
1,1-Dichloropropene	A	ug/L	116.5587	4.662348		5	0	0	0.083	0.5	500	93%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	121.04786	4.8419144		5	0	0	0.235	0.5	500	97%	73	125	0%	
1,2-Dibromoethane	A	ug/L	126.26241	5.0504964		5	0	0	0.0916	0.5	500	101%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14972159	LCS010622_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG010(	1/6/2022 11:07:3	1	R372994		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	128.06286	5.1225144		5	0	0	0.0746	0.5	500	102%	80	119	0%	
1,2-Dichloroethane	A	ug/L	123.39214	4.9356856		5	0	0	0.116	0.5	500	99%	73	128	0%	
1,2-Dichloropropane	A	ug/L	121.22813	4.8491252		5	0	0	0.0847	0.5	500	97%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	130.57709	5.2230836		5	0	0	0.0803	0.5	500	104%	80	119	0%	
1,3-Dichloropropane	A	ug/L	124.25165	4.970066		5	0	0	0.0791	0.5	500	99%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	126.1897	5.047588		5	0	0	0.0858	0.5	500	101%	79	118	0%	
2,2-Dichloropropane	A	ug/L	130.24328	5.2097312		5	0	0	0.186	0.5	500	104%	60	139	0%	
2-Chlorotoluene	A	ug/L	129.07248	5.1628992		5	0	0	0.0876	0.5	500	103%	79	122	0%	
4-Chlorotoluene	A	ug/L	132.43589	5.2974356		5	0	0	0.0728	0.5	500	106%	78	122	0%	
Benzene	A	ug/L	125.61813	5.0247252		5	0	0	0.0914	0.5	500	100%	79	120	0%	
Bromobenzene	A	ug/L	132.40155	5.296062		5	0	0	0.0831	0.5	500	106%	80	120	0%	
Bromochloromethane	A	ug/L	130.1024	5.204096		5	0	0	0.141	0.5	500	104%	78	123	0%	
Bromodichloromethane	A	ug/L	129.01437	5.1605748		5	0	0	0.12	0.5	500	103%	79	125	0%	
Bromoform	A	ug/L	132.55531	5.3022124		5	0	0	0.119	0.5	500	106%	66	130	0%	
Bromomethane	A	ug/L	103.46582	4.1386328		5	0	0	0.253	0.5	500	83%	53	141	0%	
Carbon tetrachloride	A	ug/L	117.8446	4.713784		5	0	0	0.143	0.5	500	94%	72	136	0%	
Chlorobenzene	A	ug/L	125.91082	5.0364328		5	0	0	0.0914	0.5	500	101%	82	118	0%	
Chlorodibromomethane	A	ug/L	124.1412	4.965648		5	0	0	0.0841	0.5	500	99%	74	126	0%	
Chloroethane	A	ug/L	110.01147	4.4004588		5	0	0	0.169	0.5	500	88%	60	138	0%	
Chloroform	A	ug/L	120.34187	4.8136748		5	0	0	0.0789	0.5	500	96%	79	124	0%	
Chloromethane	A	ug/L	109.73578	4.3894312		5	0	0	0.162	0.5	500	88%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	131.12167	5.2448668		5	0	0	0.108	0.5	500	105%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	119.45047	4.7780188		5	0	0	0.073	0.5	500	96%	75	124	0%	
Dibromomethane	A	ug/L	124.05343	4.9621372		5	0	0	0.147	0.5	500	99%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	103.71907	4.1487628		5	0	0	0.175	0.5	500	83%	32	152	0%	
Ethylbenzene	A	ug/L	122.28755	4.891502		5	0	0	0.0836	0.5	500	98%	79	121	0%	
m+p-Xylenes	A	ug/L	246.70758	9.8683032		10	0	0	0.15	0.5	1000	99%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1281.51544	51.2606176		50	0	0	1.77	10	5000	103%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	131.04807	5.2419228		5	0	0	0.101	0.5	500	105%	71	124	0%	
Methylene chloride	A	ug/L	123.11427	4.9245708		5	0	0	0.338	0.5	500	98%	74	124	0%	
o-Xylene	A	ug/L	127.98854	5.1195416		5	0	0	0.0604	0.5	500	102%	78	122	0%	
Styrene	A	ug/L	129.78756	5.1915024		5	0	0	0.067	0.5	500	104%	78	123	0%	
Tetrachloroethene	A	ug/L	119.73944	4.7895776		5	0	0	0.0671	0.5	500	96%	74	129	0%	
Toluene	A	ug/L	125.54018	5.0216072		5	0	0	0.0679	0.5	500	100%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	130.09611	5.2038444		5	0	0	0.125	0.5	500	104%	75	124	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972159	LCS010622_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG010(	1/6/2022 11:07:3	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	129.73399	5.1893596		5	0	0	0.0846	0.5	500	104%	73	127	0%	
Trichloroethene	A	ug/L	124.49997	4.9799988		5	0	0	0.0993	0.5	500	100%	79	123	0%	
Trichlorofluoromethane	A	ug/L	111.20554	4.4482216		5	0	0	0.134	0.5	500	89%	65	141	0%	
Vinyl chloride	A	ug/L	117.53934	4.7015736		5	0	0	0.153	0.5	500	94%	58	137	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	374.69612	14.9878448		15	0	0	0.0604	0.5	1500	100%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	289.39587	11.5758348		10	0	0	0.229	0.5	500	116%	81	118	0%	
Dibromofluoromethane	S	ug/L	281.53773	11.2615092		10	0	0	0.129	0.5	500	113%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	264.39313	10.5757252		10	0	0	0.149	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	268.46329	10.7385316		10	0	0	0.23	0.5	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972160	MBLK010622_	VOC-8260-W-Q	MBLK	)A5975C\VG010(	1/6/2022 12:02:0	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	0.5	500	0%	0	0	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	0.5	500	0%	0	0	0%	
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	0.5	500	0%	0	0	0%	
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	0.5	500	0%	0	0	0%	
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	0.5	500	0%	0	0	0%	
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	0.5	500	0%	0	0	0%	
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	0.5	500	0%	0	0	0%	
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	0.5	500	0%	0	0	0%	
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	0.5	500	0%	0	0	0%	
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	0.5	500	0%	0	0	0%	
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	0.5	500	0%	0	0	0%	
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	0.5	500	0%	0	0	0%	
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972160	MBLK010622_	VOC-8260-W-Q	MBLK	)A5975C\VG010(	1/6/2022 12:02:0	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	0.5	500	0%	0	0	0%	
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	0.5	500	0%	0	0	0%	
Bromoform	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Bromomethane	A	ug/L	0	0		0	0	0	0.253	0.5	500	0%	0	0	0%	
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	0.5	500	0%	0	0	0%	
Chloroethane	A	ug/L	0	0		0	0	0	0.169	0.5	500	0%	0	0	0%	
Chloroform	A	ug/L	0	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	
Chloromethane	A	ug/L	0	0		0	0	0	0.162	0.5	500	0%	0	0	0%	
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	0.5	500	0%	0	0	0%	
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	0.5	500	0%	0	0	0%	
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	0.5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	0.18592	0		0	0	0	0.15	0.5	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	10	5000	0%	0	0	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
Methylene chloride	A	ug/L	1.2201	0		0	0	0	0.338	0.5	500	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	0.5	500	0%	0	0	0%	
Styrene	A	ug/L	0	0		0	0	0	0.067	0.5	500	0%	0	0	0%	
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	0.5	500	0%	0	0	0%	
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	0.5	500	0%	0	0	0%	
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	0.5	500	0%	0	0	0%	
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	0.5	500	0%	0	0	0%	
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0.18592	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	284.57453	11.3829812		10	0	0	0.229	0.5	500	114%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972160	MBLK010622_	VOC-8260-W-Q	MBLK	)A5975C\VG010(	1/6/2022 12:02:0	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	282.84164	11.3136656		10	0	0	0.129	0.5	500	113%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	266.22192	10.6488768		10	0	0	0.149	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	267.74143	10.7096572		10	0	0	0.23	0.5	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972177	B22010002-004	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 12:38:5	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972177	B22010002-004	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 12:38:5	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.03245	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.26842	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	293.94948	11.7579792		10	0	0	0.229	1	500	118%	81	118	0%	
Dibromofluoromethane	S	ug/L	280.89978	11.2359912		10	0	0	0.129	1	500	112%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	274.54605	10.981842		10	0	0	0.149	1	500	110%	85	114	0%	
Toluene-d8	S	ug/L	263.80534	10.5522136		10	0	0	0.23	1	500	106%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972178	B22010145-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 1:06:02	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14972178	B22010145-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 1:06:02	1	R372994		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	2.08465	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0.0884	0		0	0	0	0.0836	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972178	B22010145-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 1:06:02	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.57345	0.102938		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	287.50955	11.500382		10	0	0	0.229	1	500	115%	81	118	0%	
Dibromofluoromethane	S	ug/L	285.41389	11.4165556		10	0	0	0.129	1	500	114%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	276.9231	11.076924		10	0	0	0.149	1	500	111%	85	114	0%	
Toluene-d8	S	ug/L	268.3302	10.733208		10	0	0	0.23	1	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972179	B22010148-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 1:33:15	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972179	B22010148-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 1:33:15	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.68915	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.10559	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.69189	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972179	B22010148-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 1:33:15	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	286.98751	11.4795004		10	0	0	0.229	1	500	115%	81	118	0%	
Dibromofluoromethane	S	ug/L	278.05083	11.1220332		10	0	0	0.129	1	500	111%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	270.98054	10.8392216		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	263.49537	10.5398148		10	0	0	0.23	1	500	105%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972180	B22010209-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:00:33	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972180	B22010209-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:00:33	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0.1069	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.55247	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.52358	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	283.00279	11.3201116		10	0	0	0.229	1	500	113%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972180	B22010209-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:00:33	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	273.56901	10.9427604		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	272.70346	10.9081384		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	269.76859	10.7907436		10	0	0	0.23	1	500	108%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972181	B22010211-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:27:55	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0.15785	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972181	B22010211-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:27:55	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.1062	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.59296	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0.07209	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.22461	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	4.36074	0.1744296		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	285.3954	11.415816		10	0	0	0.229	1	500	114%	81	118	0%	
Dibromofluoromethane	S	ug/L	279.82276	11.1929104		10	0	0	0.129	1	500	112%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	270.67657	10.8270628		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	268.50157	10.7400628		10	0	0	0.23	1	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972182	B22010212-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:55:13	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972182	B22010212-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:55:13	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	2.30811	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972182	B22010212-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 2:55:13	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.11774	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.374	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	289.15711	11.5662844		10	0	0	0.229	1	500	116%	81	118	0%	
Dibromofluoromethane	S	ug/L	284.01211	11.3604844		10	0	0	0.129	1	500	114%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	273.10866	10.9243464		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	267.92823	10.7171292		10	0	0	0.23	1	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972183	B22010213-004	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 3:22:29	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972183	B22010213-004	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 3:22:29	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0.98693	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.12384	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	2.68514	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.33133	0.0932532		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972183	B22010213-004	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 3:22:29	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	281.89	11.2756		10	0	0	0.229	1	500	113%	81	118	0%	
Dibromofluoromethane	S	ug/L	282.53297	11.3013188		10	0	0	0.129	1	500	113%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	268.34575	10.73383		10	0	0	0.149	1	500	107%	85	114	0%	
Toluene-d8	S	ug/L	268.05009	10.7220036		10	0	0	0.23	1	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972184	B22010145-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 3:49:44	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972184	B22010145-001	VOC-8260-W-S	SAMP	)A5975C\VG010(1/6/2022 3:49:44		1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0.1796	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.16598	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0.4103	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.64501	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	1.12681	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.74504	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	283.7012	11.348048		10	0	0	0.229	1	500	113%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972184	B22010145-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 3:49:44	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	281.99964	11.2799856		10	0	0	0.129	1	500	113%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	267.0424	10.681696		10	0	0	0.149	1	500	107%	85	114	0%	
Toluene-d8	S	ug/L	270.98387	10.8393548		10	0	0	0.23	1	500	108%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972185	B22010148-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 4:16:59	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0.17373	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0.33061	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972185	B22010148-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 4:16:59	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	2.69753	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	2.11575	0.08463		0	0	0	0.0789	1	500	0%	0	0	0%	J
Chloromethane	A	ug/L	1.08962	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.01715	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0.15527	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0.15527	0		0	0	0	0.15	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	285.86158	11.4344632		10	0	0	0.229	1	500	114%	81	118	0%	
Dibromofluoromethane	S	ug/L	281.81756	11.2727024		10	0	0	0.129	1	500	113%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.34004	10.8536016		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	265.87557	10.6350228		10	0	0	0.23	1	500	106%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972186	B22010209-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 4:44:14	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14972186	B22010209-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 4:44:14	1	R372994		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.12261	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972186	B22010209-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 4:44:14	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	294.07395	11.762958		10	0	0	0.229	1	500	118%	81	118	0%	
Dibromofluoromethane	S	ug/L	284.68859	11.3875436		10	0	0	0.129	1	500	114%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.09897	10.8439588		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	265.87799	10.6351196		10	0	0	0.23	1	500	106%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972187	B22010211-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 5:11:22	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972187	B22010211-001	VOC-8260-W-S	SAMP	)A5975C\VG010(1/6/2022 5:11:22		1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0.19859	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	3.42719	0.1370876		0	0	0	0.119	1	500	0%	0	0	0%	J
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0.91977	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	4.99016	0.1996064		0	0	0	0.0789	1	500	0%	0	0	0%	J
Chloromethane	A	ug/L	0.96332	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	6.50917	0.2603668		0	0	0	0.0836	1	500	0%	0	0	0%	J
m+p-Xylenes	A	ug/L	49.74697	1.9898788		0	0	0	0.15	1	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.65934	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	82.05733	3.2822932		0	0	0	0.0604	1	500	0%	0	0	0%	
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.00595	0.080238		0	0	0	0.0679	1	500	0%	0	0	0%	JT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972187	B22010211-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 5:11:22	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	131.8043	5.272172		0	0	0	0.0604	1	0	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	287.49558	11.4998232		10	0	0	0.229	1	500	115%	81	118	0%	
Dibromofluoromethane	S	ug/L	280.85442	11.2341768		10	0	0	0.129	1	500	112%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	265.75845	10.630338		10	0	0	0.149	1	500	106%	85	114	0%	
Toluene-d8	S	ug/L	259.44319	10.3777276		10	0	0	0.23	1	500	104%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972188	B22010212-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 5:38:34	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972188	B22010212-001	VOC-8260-W-S	SAMP	)A5975C\VG010(1/6/2022 5:38:34		1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	2.32977	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0.52573	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.92316	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.53056	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	285.75734	11.4302936		10	0	0	0.229	1	500	114%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972188	B22010212-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 5:38:34	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	275.95693	11.0382772		10	0	0	0.129	1	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	270.08841	10.8035364		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	267.69071	10.7076284		10	0	0	0.23	1	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972189	B22010213-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 6:05:47	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0.19155	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	7.37782	0.2951128		0	0	0	0.119	1	500	0%	0	0	0%	J
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	2.24496	0.0897984		0	0	0	0.0841	1	500	0%	0	0	0%	J

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972189	B22010213-001	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 6:05:47	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	1.03653	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.95972	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0.44154	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	1.11949	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.65422	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	4.27154	0.1708616		0	0	0	0.0604	1	500	0%	0	0	0%	J
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	5.39103	0.1708616		0	0	0	0.0604	1	0	0%	0	0	0%	J
1,2-Dichloroethane-d4	S	ug/L	291.73054	11.6692216		10	0	0	0.229	1	500	117%	81	118	0%	
Dibromofluoromethane	S	ug/L	286.42917	11.4571668		10	0	0	0.129	1	500	115%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	279.06009	11.1624036		10	0	0	0.149	1	500	112%	85	114	0%	
Toluene-d8	S	ug/L	260.98542	10.4394168		10	0	0	0.23	1	500	104%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972190	B22010213-002	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 6:32:59	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972191	B22010213-003	VOC-8260-W-S	SAMP	)A5975C\VG010(1/6/2022 7:00:17		1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	7.71665	0.308666		0	0	0	0.119	1	500	0%	0	0	0%	J
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	2.97454	0.1189816		0	0	0	0.0841	1	500	0%	0	0	0%	J
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	1.23521	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.43535	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972191	B22010213-003	VOC-8260-W-S	SAMP	)A5975C\VG010(	1/6/2022 7:00:17	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.10685	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	279.41353	11.1765412		10	0	0	0.229	1	500	112%	81	118	0%	
Dibromofluoromethane	S	ug/L	270.88838	10.8355352		10	0	0	0.129	1	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.91719	10.8766876		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	265.1885	10.60754		10	0	0	0.23	1	500	106%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972227	B22010145-001	VOC-8260-W-Q	SAMP	)A5975C\VG010(	1/6/2022 3:49:44	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	0.5	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	0.5	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	0.5	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	0.5	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	0.5	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	0.5	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972227	B22010145-001	VOC-8260-W-Q	SAMP	)A5975C\VG010(	1/6/2022 3:49:44	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	0.5	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	0.5	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	0.5	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	0.5	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	0.5	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	0.5	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	0.5	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	0.5	500	0%	0	0	0%	U
Benzene	A	ug/L	0.1796	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	0.5	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	0.5	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	0.5	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	0.5	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	0.5	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.16598	0		0	0	0	0.162	0.5	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	0.5	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	0.5	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	0.5	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0.4103	0		0	0	0	0.0836	0.5	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	0.5	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	10	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.64501	0		0	0	0	0.338	0.5	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	0.5	500	0%	0	0	0%	U
Styrene	A	ug/L	1.12681	0		0	0	0	0.067	0.5	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	0.5	500	0%	0	0	0%	U
Toluene	A	ug/L	0.74504	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	0.5	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972227	B22010145-001	VOC-8260-W-Q	SAMP	)A5975C\VG010(	1/6/2022 3:49:44	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	0.5	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	0.5	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	0.5	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	0.5	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	283.7012	11.348048		10	0	0	0.229	0.5	500	113%	81	118	0%	
Dibromofluoromethane	S	ug/L	281.99964	11.2799856		10	0	0	0.129	0.5	500	113%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	267.0424	10.681696		10	0	0	0.149	0.5	500	107%	85	114	0%	
Toluene-d8	S	ug/L	270.98387	10.8393548		10	0	0	0.23	0.5	500	108%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972228	B22010145-001	VOC-8260-W-Q	MS-DOD	)A5975C\VG010(	1/6/2022 7:54:53	1	R372994		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	126.12857	5.0451428		5	0	0	0.101	0.5	500	101%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	125.69927	5.0279708		5	0	0	0.131	0.5	500	101%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	130.07943	5.2031772		5	0	0	0.0872	0.5	500	104%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	127.26834	5.0907336		5	0	0	0.108	0.5	500	102%	80	119	0%	
1,1-Dichloroethane	A	ug/L	136.46984	5.4587936		5	0	0	0.135	0.5	500	109%	77	125	0%	
1,1-Dichloroethene	A	ug/L	132.61	5.3044		5	0	0	0.141	0.5	500	106%	71	131	0%	
1,1-Dichloropropene	A	ug/L	124.43227	4.9772908		5	0	0	0.083	0.5	500	100%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	123.75868	4.9503472		5	0	0	0.235	0.5	500	99%	73	125	0%	
1,2-Dibromoethane	A	ug/L	125.51055	5.020422		5	0	0	0.0916	0.5	500	100%	78	122	0%	
1,2-Dichlorobenzene	A	ug/L	130.49379	5.2197516		5	0	0	0.0746	0.5	500	104%	80	119	0%	
1,2-Dichloroethane	A	ug/L	119.36379	4.7745516		5	0	0	0.116	0.5	500	95%	73	128	0%	
1,2-Dichloropropane	A	ug/L	128.0094	5.120376		5	0	0	0.0847	0.5	500	102%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	133.70226	5.3480904		5	0	0	0.0803	0.5	500	107%	80	119	0%	
1,3-Dichloropropane	A	ug/L	125.33252	5.0133008		5	0	0	0.0791	0.5	500	100%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	131.37077	5.2548308		5	0	0	0.0858	0.5	500	105%	79	118	0%	
2,2-Dichloropropane	A	ug/L	125.26379	5.0105516		5	0	0	0.186	0.5	500	100%	60	139	0%	
2-Chlorotoluene	A	ug/L	139.80964	5.5923856		5	0	0	0.0876	0.5	500	112%	79	122	0%	
4-Chlorotoluene	A	ug/L	141.98197	5.6792788		5	0	0	0.0728	0.5	500	114%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972228	B22010145-001	VOC-8260-W-Q	MS-DOD	)A5975C\VG010(	1/6/2022 7:54:53	1	R372994		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	129.91993	5.1967972		5	0	0	0.0914	0.5	500	104%	79	120	0%	
Bromobenzene	A	ug/L	139.3955	5.57582		5	0	0	0.0831	0.5	500	112%	80	120	0%	
Bromochloromethane	A	ug/L	123.02518	4.9210072		5	0	0	0.141	0.5	500	98%	78	123	0%	
Bromodichloromethane	A	ug/L	129.54985	5.181994		5	0	0	0.12	0.5	500	104%	79	125	0%	
Bromoform	A	ug/L	133.04075	5.32163		5	0	0	0.119	0.5	500	106%	66	130	0%	
Bromomethane	A	ug/L	105.0531	4.202124		5	0	0	0.253	0.5	500	84%	53	141	0%	
Carbon tetrachloride	A	ug/L	123.61458	4.9445832		5	0	0	0.143	0.5	500	99%	72	136	0%	
Chlorobenzene	A	ug/L	130.42001	5.2168004		5	0	0	0.0914	0.5	500	104%	82	118	0%	
Chlorodibromomethane	A	ug/L	122.8575	4.9143		5	0	0	0.0841	0.5	500	98%	74	126	0%	
Chloroethane	A	ug/L	128.73154	5.1492616		5	0	0	0.169	0.5	500	103%	60	138	0%	
Chloroform	A	ug/L	122.24364	4.8897456		5	0	0	0.0789	0.5	500	98%	79	124	0%	
Chloromethane	A	ug/L	104.8165	4.19266		5	0	0	0.162	0.5	500	84%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	132.66995	5.306798		5	0	0	0.108	0.5	500	106%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	121.144	4.84576		5	0	0	0.073	0.5	500	97%	75	124	0%	
Dibromomethane	A	ug/L	122.9202	4.916808		5	0	0	0.147	0.5	500	98%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	104.07747	4.1630988		5	0	0	0.175	0.5	500	83%	32	152	0%	
Ethylbenzene	A	ug/L	132.1049	5.284196		5	0	0	0.0836	0.5	500	106%	79	121	0%	
m+p-Xylenes	A	ug/L	258.89329	10.3557316		10	0	0	0.15	0.5	1000	104%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1120.14725	44.80589		50	0	0	1.77	10	5000	90%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	124.52545	4.981018		5	0	0	0.101	0.5	500	100%	71	124	0%	
Methylene chloride	A	ug/L	119.64384	4.7857536		5	0	0	0.338	0.5	500	96%	74	124	0%	
o-Xylene	A	ug/L	135.79037	5.4316148		5	0	0	0.0604	0.5	500	109%	78	122	0%	
Styrene	A	ug/L	137.09014	5.4836056		5	0	0	0.067	0.5	500	110%	78	123	0%	
Tetrachloroethene	A	ug/L	127.79794	5.1119176		5	0	0	0.0671	0.5	500	102%	74	129	0%	
Toluene	A	ug/L	133.4225	5.3369		5	0	0	0.0679	0.5	500	107%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	133.45675	5.33827		5	0	0	0.125	0.5	500	107%	75	124	0%	
trans-1,3-Dichloropropene	A	ug/L	129.50827	5.1803308		5	0	0	0.0846	0.5	500	104%	73	127	0%	
Trichloroethene	A	ug/L	128.47414	5.1389656		5	0	0	0.0993	0.5	500	103%	79	123	0%	
Trichlorofluoromethane	A	ug/L	116.33081	4.6532324		5	0	0	0.134	0.5	500	93%	65	141	0%	
Vinyl chloride	A	ug/L	115.45555	4.618222		5	0	0	0.153	0.5	500	92%	58	137	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	394.68366	15.7873464		15	0	0	0.0604	0.5	1500	105%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	273.56109	10.9424436		10	0	0	0.229	0.5	500	109%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972228	B22010145-001	VOC-8260-W-Q	MS-DOD	)A5975C\VG010(	1/6/2022 7:54:53	1	R372994		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	265.73221	10.6292884		10	0	0	0.129	0.5	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	277.46842	11.0987368		10	0	0	0.149	0.5	500	111%	85	114	0%	
Toluene-d8	S	ug/L	273.52903	10.9411612		10	0	0	0.23	0.5	500	109%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972229	B22010145-001	VOC-8260-W-Q	MSD-DOD	)A5975C\VG010(	1/6/2022 8:22:08	1	R372994		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	131.64498	5.2657992		5	0	5.0451428	0.101	0.5	500	105%	78	124	4%	
1,1,1-Trichloroethane	A	ug/L	133.74405	5.349762		5	0	5.0279708	0.131	0.5	500	107%	74	131	6%	
1,1,2,2-Tetrachloroethane	A	ug/L	137.73609	5.5094436		5	0	5.2031772	0.0872	0.5	500	110%	71	121	6%	
1,1,2-Trichloroethane	A	ug/L	127.20052	5.0880208		5	0	5.0907336	0.108	0.5	500	102%	80	119	0%	
1,1-Dichloroethane	A	ug/L	142.26268	5.6905072		5	0	5.4587936	0.135	0.5	500	114%	77	125	4%	
1,1-Dichloroethene	A	ug/L	140.94165	5.637666		5	0	5.3044	0.141	0.5	500	113%	71	131	6%	
1,1-Dichloropropene	A	ug/L	129.06838	5.1627352		5	0	4.9772908	0.083	0.5	500	103%	79	125	4%	
1,2,3-Trichloropropane	A	ug/L	134.02353	5.3609412		5	0	4.9503472	0.235	0.5	500	107%	73	125	8%	
1,2-Dibromoethane	A	ug/L	131.12016	5.2448064		5	0	5.020422	0.0916	0.5	500	105%	78	122	4%	
1,2-Dichlorobenzene	A	ug/L	136.28066	5.4512264		5	0	5.2197516	0.0746	0.5	500	109%	80	119	4%	
1,2-Dichloroethane	A	ug/L	123.06288	4.9225152		5	0	4.7745516	0.116	0.5	500	98%	73	128	3%	
1,2-Dichloropropane	A	ug/L	137.07009	5.4828036		5	0	5.120376	0.0847	0.5	500	110%	78	122	7%	
1,3-Dichlorobenzene	A	ug/L	141.68128	5.6672512		5	0	5.3480904	0.0803	0.5	500	113%	80	119	6%	
1,3-Dichloropropane	A	ug/L	131.56234	5.2624936		5	0	5.0133008	0.0791	0.5	500	105%	80	119	5%	
1,4-Dichlorobenzene	A	ug/L	136.40953	5.4563812		5	0	5.2548308	0.0858	0.5	500	109%	79	118	4%	
2,2-Dichloropropane	A	ug/L	131.8389	5.273556		5	0	5.0105516	0.186	0.5	500	105%	60	139	5%	
2-Chlorotoluene	A	ug/L	145.36031	5.8144124		5	0	5.5923856	0.0876	0.5	500	116%	79	122	4%	
4-Chlorotoluene	A	ug/L	147.919	5.91676		5	0	5.6792788	0.0728	0.5	500	118%	78	122	4%	
Benzene	A	ug/L	135.57767	5.4231068		5	0	5.1967972	0.0914	0.5	500	108%	79	120	4%	
Bromobenzene	A	ug/L	144.85664	5.7942656		5	0	5.57582	0.0831	0.5	500	116%	80	120	4%	
Bromochloromethane	A	ug/L	133.10847	5.3243388		5	0	4.9210072	0.141	0.5	500	106%	78	123	8%	
Bromodichloromethane	A	ug/L	133.73386	5.3493544		5	0	5.181994	0.12	0.5	500	107%	79	125	3%	
Bromoform	A	ug/L	137.76361	5.5105444		5	0	5.32163	0.119	0.5	500	110%	66	130	3%	
Bromomethane	A	ug/L	116.00138	4.6400552		5	0	4.202124	0.253	0.5	500	93%	53	141	10%	
Carbon tetrachloride	A	ug/L	132.18174	5.2872696		5	0	4.9445832	0.143	0.5	500	106%	72	136	7%	
Chlorobenzene	A	ug/L	139.18149	5.5672596		5	0	5.2168004	0.0914	0.5	500	111%	82	118	6%	
Chlorodibromomethane	A	ug/L	127.61412	5.1045648		5	0	4.9143	0.0841	0.5	500	102%	74	126	4%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972229	B22010145-001	VOC-8260-W-Q	MSD-DOD	)A5975C\VG010(	1/6/2022 8:22:08	1	R372994		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	135.76482	5.4305928		5	0	5.1492616	0.169	0.5	500	109%	60	138	5%	
Chloroform	A	ug/L	125.83515	5.033406		5	0	4.8897456	0.0789	0.5	500	101%	79	124	3%	
Chloromethane	A	ug/L	109.04886	4.3619544		5	0	4.19266	0.162	0.5	500	87%	50	139	4%	
cis-1,2-Dichloroethene	A	ug/L	140.35165	5.614066		5	0	5.306798	0.108	0.5	500	112%	78	123	6%	
cis-1,3-Dichloropropene	A	ug/L	126.88024	5.0752096		5	0	4.84576	0.073	0.5	500	102%	75	124	5%	
Dibromomethane	A	ug/L	132.10206	5.2840824		5	0	4.916808	0.147	0.5	500	106%	79	123	7%	
Dichlorodifluoromethane	A	ug/L	110.23205	4.409282		5	0	4.1630988	0.175	0.5	500	88%	32	152	6%	
Ethylbenzene	A	ug/L	140.12167	5.6048668		5	0	5.284196	0.0836	0.5	500	112%	79	121	6%	
m+p-Xylenes	A	ug/L	275.61337	11.0245348		10	0	10.355732	0.15	0.5	1000	110%	80	121	6%	
Methyl ethyl ketone	A	ug/L	1195.61853	47.8247412		50	0	44.80589	1.77	10	5000	96%	56	143	7%	
Methyl tert-butyl ether (MTBE)	A	ug/L	140.20607	5.6082428		5	0	4.981018	0.101	0.5	500	112%	71	124	12%	
Methylene chloride	A	ug/L	125.49946	5.0199784		5	0	4.7857536	0.338	0.5	500	100%	74	124	5%	
o-Xylene	A	ug/L	140.7312	5.629248		5	0	5.4316148	0.0604	0.5	500	113%	78	122	4%	
Styrene	A	ug/L	144.7248	5.788992		5	0	5.4836056	0.067	0.5	500	116%	78	123	5%	
Tetrachloroethene	A	ug/L	132.77278	5.3109112		5	0	5.1119176	0.0671	0.5	500	106%	74	129	4%	
Toluene	A	ug/L	140.7876	5.631504		5	0	5.3369	0.0679	0.5	500	113%	80	121	5%	
trans-1,2-Dichloroethene	A	ug/L	137.52986	5.5011944		5	0	5.33827	0.125	0.5	500	110%	75	124	3%	
trans-1,3-Dichloropropene	A	ug/L	137.45838	5.4983352		5	0	5.1803308	0.0846	0.5	500	110%	73	127	6%	
Trichloroethene	A	ug/L	133.74103	5.3496412		5	0	5.1389656	0.0993	0.5	500	107%	79	123	4%	
Trichlorofluoromethane	A	ug/L	119.1011	4.764044		5	0	4.6532324	0.134	0.5	500	95%	65	141	2%	
Vinyl chloride	A	ug/L	121.59795	4.863918		5	0	4.618222	0.153	0.5	500	97%	58	137	5%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	416.34457	16.6537828		15	0	15.787346	0.0604	0.5	1500	111%	79	121	5%	
1,2-Dichloroethane-d4	S	ug/L	270.76688	10.8306752		10	0	0	0.229	0.5	500	108%	81	118	0%	
Dibromofluoromethane	S	ug/L	263.64923	10.5459692		10	0	0	0.129	0.5	500	105%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	277.91525	11.11661		10	0	0	0.149	0.5	500	111%	85	114	0%	
Toluene-d8	S	ug/L	276.10092	11.0440368		10	0	0	0.23	0.5	500	110%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972230	CCV010622_Cl	VOC-8260-W-Q	CCV	)A5975C\VG010(	1/6/2022 9:16:46	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972230	CCV010622_Cl	VOC-8260-W-Q	CCV	)A5975C\VG010(	1/6/2022 9:16:46	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	129.65797	5.1863188		5	0	0	0.101	0.5	500	104%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	132.25982	5.2903928		5	0	0	0.131	0.5	500	106%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	136.04361	5.4417444		5	0	0	0.0872	0.5	500	109%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	128.91012	5.1564048		5	0	0	0.108	0.5	500	103%	50	150	0%	
1,1-Dichloroethane	A	ug/L	133.09038	5.3236152		5	0	0	0.135	0.5	500	106%	50	150	0%	
1,1-Dichloroethene	A	ug/L	130.9189	5.236756		5	0	0	0.141	0.5	500	105%	50	150	0%	
1,1-Dichloropropene	A	ug/L	133.31749	5.3326996		5	0	0	0.083	0.5	500	107%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	127.42772	5.0971088		5	0	0	0.235	0.5	500	102%	50	150	0%	
1,2-Dibromoethane	A	ug/L	131.82456	5.2729824		5	0	0	0.0916	0.5	500	105%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	131.8218	5.272872		5	0	0	0.0746	0.5	500	105%	50	150	0%	
1,2-Dichloroethane	A	ug/L	128.19004	5.1276016		5	0	0	0.116	0.5	500	103%	50	150	0%	
1,2-Dichloropropane	A	ug/L	136.65526	5.4662104		5	0	0	0.0847	0.5	500	109%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	134.67261	5.3869044		5	0	0	0.0803	0.5	500	108%	50	150	0%	
1,3-Dichloropropane	A	ug/L	134.84169	5.3936676		5	0	0	0.0791	0.5	500	108%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	130.91366	5.2365464		5	0	0	0.0858	0.5	500	105%	50	150	0%	
2,2-Dichloropropane	A	ug/L	125.70674	5.0282696		5	0	0	0.186	0.5	500	101%	50	150	0%	
2-Chlorotoluene	A	ug/L	138.48766	5.5395064		5	0	0	0.0876	0.5	500	111%	50	150	0%	
4-Chlorotoluene	A	ug/L	141.62092	5.6648368		5	0	0	0.0728	0.5	500	113%	50	150	0%	
Benzene	A	ug/L	134.42558	5.3770232		5	0	0	0.0914	0.5	500	108%	50	150	0%	
Bromobenzene	A	ug/L	138.52974	5.5411896		5	0	0	0.0831	0.5	500	111%	50	150	0%	
Bromochloromethane	A	ug/L	128.08061	5.1232244		5	0	0	0.141	0.5	500	102%	50	150	0%	
Bromodichloromethane	A	ug/L	134.54101	5.3816404		5	0	0	0.12	0.5	500	108%	50	150	0%	
Bromoform	A	ug/L	129.35067	5.1740268		5	0	0	0.119	0.5	500	103%	50	150	0%	
Bromomethane	A	ug/L	131.40608	5.2562432		5	0	0	0.253	0.5	500	105%	50	150	0%	
Carbon tetrachloride	A	ug/L	129.94022	5.1976088		5	0	0	0.143	0.5	500	104%	50	150	0%	
Chlorobenzene	A	ug/L	132.23566	5.2894264		5	0	0	0.0914	0.5	500	106%	50	150	0%	
Chlorodibromomethane	A	ug/L	129.82912	5.1931648		5	0	0	0.0841	0.5	500	104%	50	150	0%	
Chloroethane	A	ug/L	134.63763	5.3855052		5	0	0	0.169	0.5	500	108%	50	150	0%	
Chloroform	A	ug/L	131.18354	5.2473416		5	0	0	0.0789	0.5	500	105%	50	150	0%	
Chloromethane	A	ug/L	118.70115	4.748046		5	0	0	0.162	0.5	500	95%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	133.96802	5.3587208		5	0	0	0.108	0.5	500	107%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	131.08269	5.2433076		5	0	0	0.073	0.5	500	105%	50	150	0%	
Dibromomethane	A	ug/L	130.42802	5.2171208		5	0	0	0.147	0.5	500	104%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	124.32988	4.9731952		5	0	0	0.175	0.5	500	99%	50	150	0%	
Ethylbenzene	A	ug/L	135.53873	5.4215492		5	0	0	0.0836	0.5	500	108%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14972230	CCV010622_Cl	VOC-8260-W-Q	CCV	)A5975C\VG010(	1/6/2022 9:16:46	1	R372994		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	277.42981	11.0971924		10	0	0	0.15	0.5	1000	111%	50	150	0%	
Methyl ethyl ketone	A	ug/L	1298.15482	51.9261928		50	0	0	1.77	10	5000	104%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	124.19495	4.967798		5	0	0	0.101	0.5	500	99%	50	150	0%	
Methylene chloride	A	ug/L	120.53183	4.8212732		5	0	0	0.338	0.5	500	96%	50	150	0%	
o-Xylene	A	ug/L	136.83744	5.4734976		5	0	0	0.0604	0.5	500	109%	50	150	0%	
Styrene	A	ug/L	139.94229	5.5976916		5	0	0	0.067	0.5	500	112%	50	150	0%	
Tetrachloroethene	A	ug/L	128.79848	5.1519392		5	0	0	0.0671	0.5	500	103%	50	150	0%	
Toluene	A	ug/L	136.15042	5.4460168		5	0	0	0.0679	0.5	500	109%	50	150	0%	
trans-1,2-Dichloroethene	A	ug/L	132.125	5.285		5	0	0	0.125	0.5	500	106%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	134.39535	5.375814		5	0	0	0.0846	0.5	500	108%	50	150	0%	
Trichloroethene	A	ug/L	132.60443	5.3041772		5	0	0	0.0993	0.5	500	106%	50	150	0%	
Trichlorofluoromethane	A	ug/L	121.36732	4.8546928		5	0	0	0.134	0.5	500	97%	50	150	0%	
Vinyl chloride	A	ug/L	124.52199	4.9808796		5	0	0	0.153	0.5	500	100%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	414.26725	16.57069		15	0	0	0.0604	0.5	1500	110%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	269.42234	10.7768936		10	0	0	0.229	0.5	500	108%	50	150	0%	
Dibromofluoromethane	S	ug/L	266.57369	10.6629476		10	0	0	0.129	0.5	500	107%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	266.66913	10.6667652		10	0	0	0.149	0.5	500	107%	50	150	0%	
Toluene-d8	S	ug/L	274.04078	10.9616312		10	0	0	0.23	0.5	500	110%	50	150	0%	

```
Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN01.D
Sample Name    : PRIMER
Operator       : MSC
Date injected  :  6 Jan 2022   9:17 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 1
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN02.D
Sample Name    : BFB010622_
Operator       : MSC
Date injected  :  6 Jan 2022   9:44 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 2
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN03.D
Sample Name    : CCV010622_
Operator       : MSC
Date injected  :  6 Jan 2022  10:27 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 3
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN04.D
Sample Name    : LCS010622_
Operator       : MSC
Date injected  :  6 Jan 2022  11:07 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 4
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN05.D
Sample Name    : BLK
Operator       : MSC
```

```
Date injected  :  6 Jan 2022  11:34 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 5
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN06.D
Sample Name    : MBLK010622_
Operator       : MSC
Date injected  :  6 Jan 2022  12:02 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 6
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN07.D
Sample Name    : B22010002-004A
Operator       : MSC
Date injected  :  6 Jan 2022  12:38 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 7
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN08.D
Sample Name    : B22010145-002A
Operator       : MSC
Date injected  :  6 Jan 2022   1:06 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 8
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN09.D
Sample Name    : B22010148-002A
Operator       : MSC
Date injected  :  6 Jan 2022   1:33 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
```

```
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 9
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN10.D
Sample Name    : B22010209-002A
Operator       : MSC
Date injected  :  6 Jan 2022   2:00 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 10
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN11.D
Sample Name    : B22010211-002A
Operator       : MSC
Date injected  :  6 Jan 2022   2:27 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 11
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN12.D
Sample Name    : B22010212-002A
Operator       : MSC
Date injected  :  6 Jan 2022   2:55 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 12
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN13.D
Sample Name    : B22010213-004A
Operator       : MSC
Date injected  :  6 Jan 2022   3:22 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
```

```
Vial Number    : 13
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN14.D
Sample Name    : B22010145-001F
Operator       : MSC
Date injected  :  6 Jan 2022   3:49 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 14
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN15.D
Sample Name    : B22010148-001F
Operator       : MSC
Date injected  :  6 Jan 2022   4:16 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 15
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN16.D
Sample Name    : B22010209-001F
Operator       : MSC
Date injected  :  6 Jan 2022   4:44 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 16
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN17.D
Sample Name    : B22010211-001F
Operator       : MSC
Date injected  :  6 Jan 2022   5:11 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 17
---------------------------------------------------------------
```

```
Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN18.D
Sample Name    : B22010212-001F
Operator       : MSC
Date injected  :  6 Jan 2022   5:38 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 18
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN19.D
Sample Name    : B22010213-001F
Operator       : MSC
Date injected  :  6 Jan 2022   6:05 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 19
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN20.D
Sample Name    : B22010213-002C
Operator       : MSC
Date injected  :  6 Jan 2022   6:32 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 20
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN21.D
Sample Name    : B22010213-003F
Operator       : MSC
Date injected  :  6 Jan 2022   7:00 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 21
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN22.D
Sample Name    : BLK
Operator       : MSC
```

Date injected : 6 Jan 2022   7:27 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 22

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN23.D
Sample Name   : B22010145-001FMS
Operator   : MSC
Date injected : 6 Jan 2022   7:54 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 23

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN24.D
Sample Name   : B22010145-001FMSD
Operator   : MSC
Date injected : 6 Jan 2022   8:22 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 24

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN25.D
Sample Name   : BLK
Operator   : MSC
Date injected : 6 Jan 2022   8:49 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.839
End Time   : 16.498
Vial Number   : 25

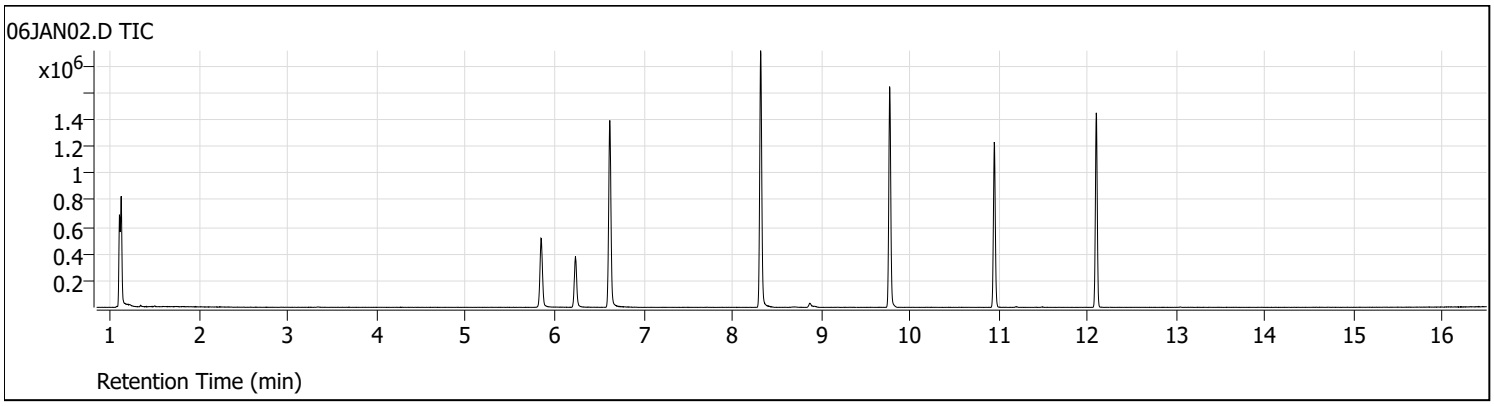
Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN26.D
Sample Name   : CCV010622_Closing
Operator   : MSC
Date injected : 6 Jan 2022   9:16 pm
Instrument   : VOA5975C
Method used   : 5975CACQF

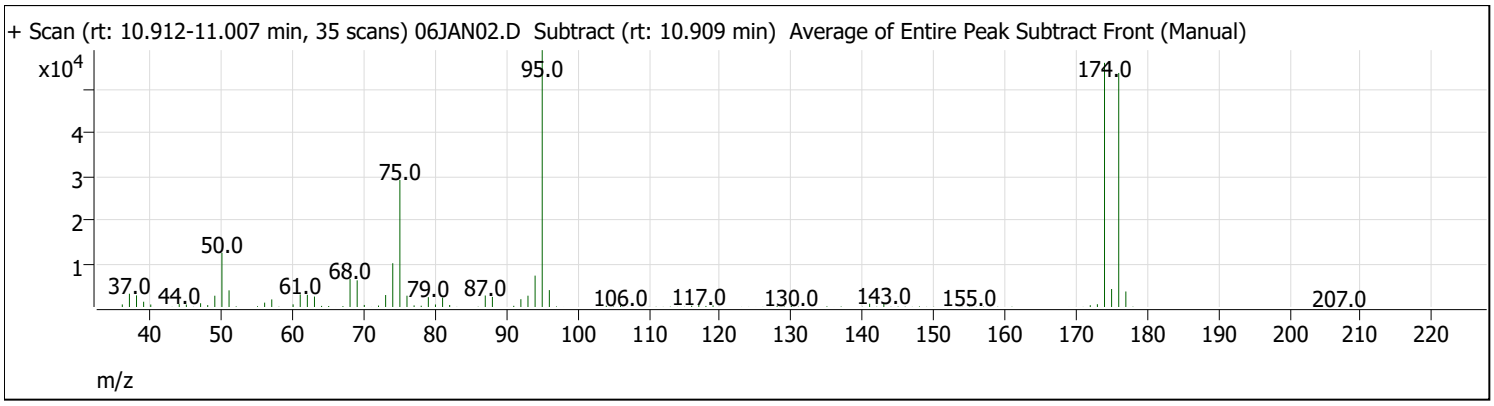
```
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 26
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG010622\06JAN27.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  6 Jan 2022   9:44 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 27
---------------------------------------------------------------
```

Tune Evaluation Report

Data Path:	D:\Org\Data\VOA5975C\VG010622\06JAN02.D
Acq on:	1/6/2022 9:44:49 AM
Operator:	MSC
Sample:	BFB010622_
Inst Name:	VOA5975C
ALS Vial:	2
Method:	\\MASSHUNTER\Org\Data\Methods\BFBavg.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	21.1	12445	Pass
75	95	30	60	49.4	29151	Pass
95	95	100	100	100.0	58965	Pass
96	95	5	9	6.6	3876	Pass
173	174	0	2	1.1	635	Pass
174	95	50	100	95.1	56053	Pass
175	174	5	9	7.4	4131	Pass
176	174	95	101	95.8	53726	Pass
177	176	5	9	6.6	3560	Pass

Continuing Calibration Report

Agilent | Trusted Answers

Batch Name D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m
Daily CC D:\Org\Data\VOA5975C\VG01062206JAN03.D

Level name	Injection Time	Calibration Files
1	1/4/2022 3:33:04 PM	D:\Org\Data\VOA5975C\VG010422\04JAN10.D
2	1/4/2022 4:00:35 PM	D:\Org\Data\VOA5975C\VG010422\04JAN11.D
3	1/4/2022 4:28:05 PM	D:\Org\Data\VOA5975C\VG010422\04JAN12.D
4	1/4/2022 4:55:32 PM	D:\Org\Data\VOA5975C\VG010422\04JAN13.D
5	1/4/2022 5:50:25 PM	D:\Org\Data\VOA5975C\VG010422\04JAN15.D
6	1/4/2022 6:45:10 PM	D:\Org\Data\VOA5975C\VG010422\04JAN17.D
7	1/4/2022 7:39:45 PM	D:\Org\Data\VOA5975C\VG010422\04JAN19.D
8	1/4/2022 8:34:31 PM	D:\Org\Data\VOA5975C\VG010422\04JAN21.D
CC	1/6/2022 10:27:25 AM	D:\Org\Data\VOA5975C\VG010622\06JAN03.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	805964	778120	789924	101.52	M
Chlorobenzene-d5	305684	300356	300108	99.92	M
1,4-Dichlorobenzene-d4	252451	248636	251513	101.16	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3276	0.3342	125.00	127.50	-2.00	95.69	Avg RF
Chloromethane	0.3976	0.4034	125.00	126.82	-1.46	99.21	Avg RF
Vinyl chloride	0.3578	0.3635	125.00	127.00	-1.60	96.78	Avg RF
Bromomethane	0.1600	0.1771	125.00	138.35	-10.68	107.33	Avg RF
Chloroethane	0.1771	0.1831	125.00	129.20	-3.36	101.25	Avg RF
Trichlorofluoromethane	0.4441	0.4387	125.00	123.48	1.22	91.77	Avg RF
1,1-Dichloroethene	0.2518	0.2389	125.00	118.57	5.14	94.88	Avg RF
Methylene chloride	0.3712	0.3400	125.00	114.49	8.41	99.28	Avg RF
trans-1,2-Dichloroethene	0.2569	0.2502	125.00	121.73	2.61	98.42	Avg RF
Methyl tert-butyl ether (MTBE)	0.3321	0.3418	125.00	128.65	-2.92	97.07	Avg RF
1,1-Dichloroethane	0.4782	0.4646	125.00	121.44	2.85	98.63	Avg RF
2,2-Dichloropropane	0.3583	0.3400	125.00	118.61	5.12	96.16	Avg RF
cis-1,2-Dichloroethene	0.2605	0.2592	125.00	124.41	0.47	102.33	Avg RF
Methyl ethyl ketone	0.0353	0.0342 #	1250.00	1210.94	3.12	100.20	Avg RF
Bromochloromethane	0.1079	0.1074	125.00	124.42	0.46	101.09	Avg RF
Chloroform	0.4759	0.4441	125.00	116.64	6.69	97.64	Avg RF
1,1,1-Trichloroethane	0.4460	0.4291	125.00	120.26	3.79	97.28	Avg RF
Dibromofluoromethane	0.2355	0.2555	250.00	271.22	-8.49	226.00	Avg RF
Carbon tetrachloride	0.4394	0.4077	125.00	115.97	7.23	93.11	Avg RF
1,1-Dichloropropene	0.3792	0.3627	125.00	119.54	4.37	95.71	Avg RF
1,2-Dichloroethane-d4	0.1017	0.1155	250.00	283.92	-13.57	233.49	Avg RF
Benzene	0.9954	0.9701	125.00	121.82	2.54	99.92	Avg RF
1,2-Dichloroethane	0.2693	0.2604	125.00	120.87	3.30	98.08	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.7540	0.7250	125.00	120.20	3.84	95.33	Avg RF
1,2-Dichloropropane	0.6632	0.6402	125.00	120.66	3.47	96.85	Avg RF
Dibromomethane	0.2803	0.2678	125.00	119.43	4.45	98.90	Avg RF
Bromodichloromethane	0.7735	0.7395	125.00	119.51	4.40	95.94	Avg RF
cis-1,3-Dichloropropene	0.8745	0.8346	125.00	119.29	4.57	96.76	Avg RF
Toluene-d8	2.4091	2.6731	250.00	277.40	-10.96	223.97	Avg RF
Toluene	1.6274	1.6058	125.00	123.34	1.33	98.46	Avg RF
trans-1,3-Dichloropropene	0.6225	0.6335	125.00	127.21	-1.76	102.52	Avg RF
1,1,2-Trichloroethane	0.3242	0.3065	125.00	118.14	5.49	98.53	Avg RF
Tetrachloroethene	0.6639	0.6309	125.00	118.78	4.98	97.00	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6378	0.6435	125.00	126.13	-0.90	100.40	Avg RF
Chlorodibromomethane	0.5068	0.4995	125.00	123.22	1.42	99.92	Avg RF
1,2-Dibromoethane	0.3545	0.3517	125.00	124.00	0.80	101.83	Avg RF
Chlorobenzene	1.7817	1.7432	125.00	122.30	2.16	99.23	Avg RF
1,1,1,2-Tetrachloroethane	0.6228	0.6140	125.00	123.23	1.42	101.36	Avg RF
Ethylbenzene	3.0900	3.0182	125.00	122.10	2.32	97.57	Avg RF
m+p-Xylenes	1.2008	1.1989	250.00	249.60	0.16	97.66	Avg RF
o-Xylene	1.0690	1.0504	125.00	122.82	1.74	97.59	Avg RF
Styrene	1.7211	1.7570	125.00	127.61	-2.09	98.24	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3199	0.3111	125.00	121.54	2.77	99.88	Avg RF
p-Bromofluorobenzene	0.9159	0.9699	250.00	264.76	-5.90	213.49	Avg RF
Bromobenzene	0.8091	0.7999	125.00	123.59	1.13	98.37	Avg RF
1,1,2,2-Tetrachloroethane	0.4657	0.4623	125.00	124.09	0.73	102.07	Avg RF
1,2,3-Trichloropropane	0.1246	0.1250	125.00	125.39	-0.31	47.46	Avg RF
2-Chlorotoluene	0.8050	0.8075	125.00	125.39	-0.31	99.15	Avg RF
4-Chlorotoluene	2.6247	2.5947	125.00	123.57	1.14	97.07	Avg RF
1,3-Dichlorobenzene	1.4756	1.4338	125.00	121.46	2.83	98.32	Avg RF
1,4-Dichlorobenzene	1.5046	1.4154	125.00	117.59	5.93	94.15	Avg RF
1,2-Dichlorobenzene	1.2470	1.1886	125.00	119.14	4.68	98.16	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Continuing Calibration Report

Agilent | Trusted Answers

Batch Name D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m
Daily CC D:\Org\Data\VOA5975C\VG01062206JAN26.D

Level name	Injection Time	Calibration Files
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2	1/4/2022 4:00:35 PM	D:\Org\Data\VOA5975C\VG010422\04JAN11.D
3	1/4/2022 4:28:05 PM	D:\Org\Data\VOA5975C\VG010422\04JAN12.D
4	1/4/2022 4:55:32 PM	D:\Org\Data\VOA5975C\VG010422\04JAN13.D
5	1/4/2022 5:50:25 PM	D:\Org\Data\VOA5975C\VG010422\04JAN15.D
6	1/4/2022 6:45:10 PM	D:\Org\Data\VOA5975C\VG010422\04JAN17.D
7	1/4/2022 7:39:45 PM	D:\Org\Data\VOA5975C\VG010422\04JAN19.D
8	1/4/2022 8:34:31 PM	D:\Org\Data\VOA5975C\VG010422\04JAN21.D
CC	1/6/2022 9:16:46 PM	D:\Org\Data\VOA5975C\VG010622\06JAN26.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	805964	778120	940581	120.88	M
Chlorobenzene-d5	305684	300356	356013	118.53	M
1,4-Dichlorobenzene-d4	252451	248636	291400	117.20	M

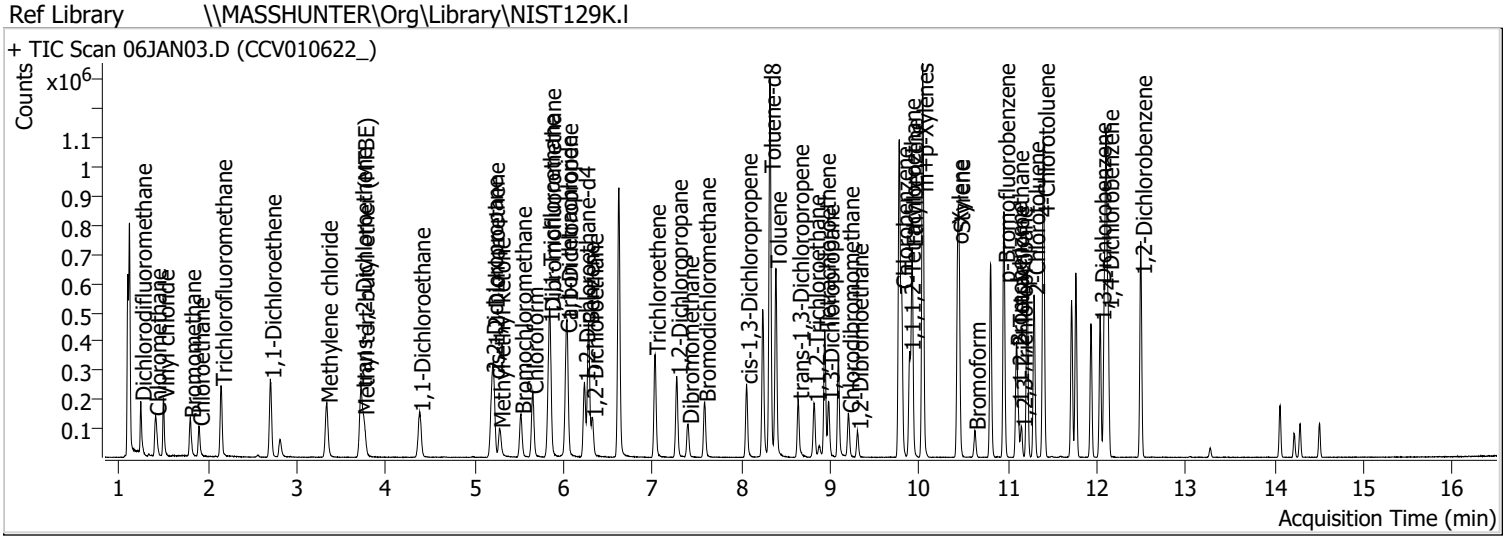
Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3276	0.3259	125.00	124.33	0.54	111.10	Avg RF
Chloromethane	0.3976	0.3776	125.00	118.70	5.04	110.57	Avg RF
Vinyl chloride	0.3578	0.3564	125.00	124.52	0.38	112.99	Avg RF
Bromomethane	0.1600	0.1682	125.00	131.41	-5.12	121.38	Avg RF
Chloroethane	0.1771	0.1908	125.00	134.64	-7.71	125.63	Avg RF
Trichlorofluoromethane	0.4441	0.4312	125.00	121.37	2.91	107.40	Avg RF
1,1-Dichloroethene	0.2518	0.2637	125.00	130.92	-4.74	124.74	Avg RF
Methylene chloride	0.3712	0.3580	125.00	120.53	3.57	124.45	Avg RF
trans-1,2-Dichloroethene	0.2569	0.2716	125.00	132.13	-5.70	127.19	Avg RF
Methyl tert-butyl ether (MTBE)	0.3321	0.3299	125.00	124.19	0.64	111.58	Avg RF
1,1-Dichloroethane	0.4782	0.5092	125.00	133.09	-6.47	128.70	Avg RF
2,2-Dichloropropane	0.3583	0.3604	125.00	125.71	-0.57	121.35	Avg RF
cis-1,2-Dichloroethene	0.2605	0.2792	125.00	133.97	-7.17	131.21	Avg RF
Methyl ethyl ketone	0.0353	0.0366 #	1250.00	1298.15	-3.85	127.90	Avg RF
Bromochloromethane	0.1079	0.1106	125.00	128.08	-2.46	123.91	Avg RF
Chloroform	0.4759	0.4995	125.00	131.18	-4.95	130.76	Avg RF
1,1,1-Trichloroethane	0.4460	0.4719	125.00	132.26	-5.81	127.40	Avg RF
Dibromofluoromethane	0.2355	0.2511	250.00	266.57	-6.63	264.50	Avg RF
Carbon tetrachloride	0.4394	0.4568	125.00	129.94	-3.95	124.23	Avg RF
1,1-Dichloropropene	0.3792	0.4045	125.00	133.32	-6.65	127.11	Avg RF
1,2-Dichloroethane-d4	0.1017	0.1096	250.00	269.42	-7.77	263.83	Avg RF
Benzene	0.9954	1.0704	125.00	134.43	-7.54	131.28	Avg RF
1,2-Dichloroethane	0.2693	0.2762	125.00	128.19	-2.55	123.86	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.7540	0.7998	125.00	132.60	-6.08	124.76	Avg RF
1,2-Dichloropropane	0.6632	0.7251	125.00	136.66	-9.32	130.12	Avg RF
Dibromomethane	0.2803	0.2924	125.00	130.43	-4.34	128.13	Avg RF
Bromodichloromethane	0.7735	0.8325	125.00	134.54	-7.63	128.12	Avg RF
cis-1,3-Dichloropropene	0.8745	0.9171	125.00	131.08	-4.87	126.14	Avg RF
Toluene-d8	2.4091	2.6408	250.00	274.04	-9.62	262.48	Avg RF
Toluene	1.6274	1.7725	125.00	136.15	-8.92	128.94	Avg RF
trans-1,3-Dichloropropene	0.6225	0.6693	125.00	134.40	-7.52	128.49	Avg RF
1,1,2-Trichloroethane	0.3242	0.3344	125.00	128.91	-3.13	127.53	Avg RF
Tetrachloroethene	0.6639	0.6841	125.00	128.80	-3.04	124.78	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6378	0.6880	125.00	134.84	-7.87	127.33	Avg RF
Chlorodibromomethane	0.5068	0.5263	125.00	129.83	-3.86	124.90	Avg RF
1,2-Dibromoethane	0.3545	0.3739	125.00	131.82	-5.46	128.42	Avg RF
Chlorobenzene	1.7817	1.8848	125.00	132.24	-5.79	127.27	Avg RF
1,1,1,2-Tetrachloroethane	0.6228	0.6460	125.00	129.66	-3.73	126.51	Avg RF
Ethylbenzene	3.0900	3.3505	125.00	135.54	-8.43	128.50	Avg RF
m+p-Xylenes	1.2008	1.3326	250.00	277.43	-10.97	128.77	Avg RF
o-Xylene	1.0690	1.1702	125.00	136.84	-9.47	128.98	Avg RF
Styrene	1.7211	1.9268	125.00	139.94	-11.95	127.80	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3199	0.3311	125.00	129.35	-3.48	123.16	Avg RF
p-Bromofluorobenzene	0.9159	0.9769	250.00	266.67	-6.67	249.13	Avg RF
Bromobenzene	0.8091	0.8966	125.00	138.53	-10.82	127.75	Avg RF
1,1,2,2-Tetrachloroethane	0.4657	0.5068	125.00	136.04	-8.83	129.64	Avg RF
1,2,3-Trichloropropane	0.1246	0.1270	125.00	127.43	-1.94	55.89	Avg RF
2-Chlorotoluene	0.8050	0.8919	125.00	138.49	-10.79	126.87	Avg RF
4-Chlorotoluene	2.6247	2.9737	125.00	141.62	-13.30	128.89	Avg RF
1,3-Dichlorobenzene	1.4756	1.5898	125.00	134.67	-7.74	126.29	Avg RF
1,4-Dichlorobenzene	1.5046	1.5757	125.00	130.91	-4.73	121.45	Avg RF
1,2-Dichlorobenzene	1.2470	1.3151	125.00	131.82	-5.46	125.82	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Quantitation Results Report (QT Reviewed)

Data File	06JAN03.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 10:27:25 AM
Sample Name	CCV010622_	Instrument	VOA5975C
Vial	3	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

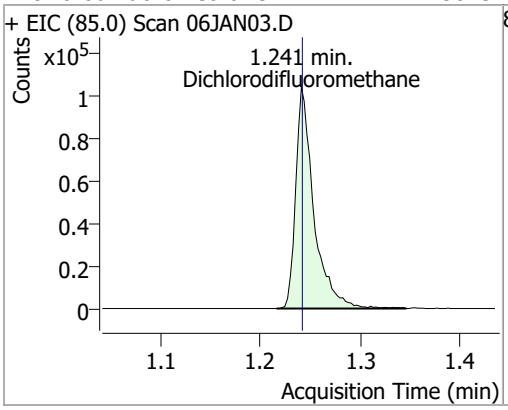


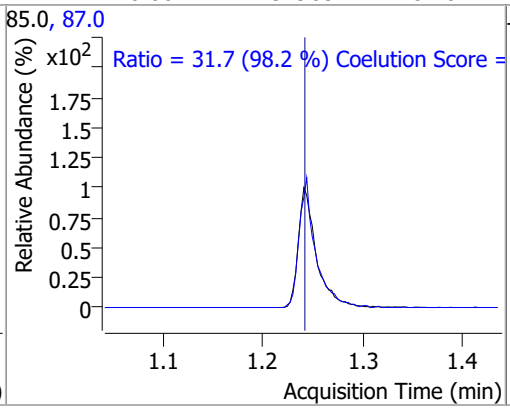
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	789924	250.0000	ng	-0.003
M Chlorobenzene-d5	9.772	82.0	300108	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	251513	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	201837	271.2176	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.49%		
S 1,2-Dichloroethane-d4	6.233	67.0	91261	283.9168	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 113.57%		
S Toluene-d8	8.319	98.0	802233	277.3979	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 110.96%		
S p-Bromofluorobenzene	10.954	95.0	243954	264.7584	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.90%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	1.241	85.0	131985	127.5043	ng	99
T Chloromethane	1.408	50.0	159338	126.8203	ng	100
T Vinyl chloride	1.498	62.0	143580	127.0032	ng	94
T Bromomethane	1.799	96.0	69938	138.3501	ng	99
T Chloroethane	1.896	64.0	72311	129.2017	ng	99
T Trichlorofluoromethane	2.145	101.0	173267	123.4777	ng	99
T 1,1-Dichloroethene	2.700	96.0	94345	118.5726	ng	98
T Methylene chloride	3.335	49.0	134291	114.4899	ng	98
T trans-1,2-Dichloroethene	3.720	96.0	98819	121.7339	ng	98
T Methyl tert-butyl ether (MTBE)	3.748	73.0	134989	128.6520	ng	99
T 1,1-Dichloroethane	4.378	63.0	183495	121.4389	ng	98
T 2,2-Dichloropropane	5.195	77.0	134287	118.6057	ng	97
T cis-1,2-Dichloroethene	5.215	96.0	102390	124.4088	ng	96
T Methyl ethyl ketone	5.279	43.0	134995	1210.9380	ng	98
T Bromochloromethane	5.519	128.0	42422	124.4225	ng	98
T Chloroform	5.647	83.0	175404	116.6433	ng	99

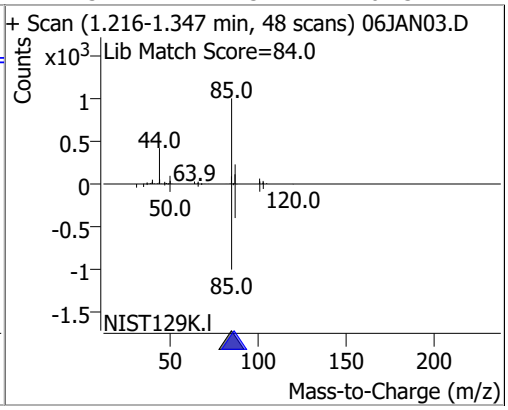
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	169473	120.2563	ng	99
T Carbon tetrachloride	6.026	117.0	161021	115.9674	ng	99
T 1,1-Dichloropropene	6.038	75.0	143233	119.5360	ng	99
T Benzene	6.277	78.0	383144	121.8214	ng	100
T 1,2-Dichloroethane	6.325	62.0	102842	120.8714	ng	98
T Trichloroethene	7.025	95.0	108791	120.1995	ng	98
T 1,2-Dichloropropane	7.270	63.0	96062	120.6585	ng	100
T Dibromomethane	7.398	93.0	40182	119.4318	ng	96
T Bromodichloromethane	7.585	83.0	110963	119.5062	ng	98
T cis-1,3-Dichloropropene	8.057	75.0	125231	119.2897	ng	100
T Toluene	8.386	92.0	240955	123.3427	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	95057	127.2056	ng	98
T 1,1,2-Trichloroethane	8.818	83.0	45985	118.1426	ng	99
T Tetrachloroethene	8.938	163.8	94664	118.7791	ng	98
T 1,3-Dichloropropane	8.980	76.0	96567	126.1311	ng	98
T Chlorodibromomethane	9.203	129.0	74958	123.2198	ng	96
T 1,2-Dibromoethane	9.303	107.0	52775	124.0030	ng	98
T Chlorobenzene	9.802	112.0	261576	122.3030	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	92130	123.2291	ng	98
T Ethylbenzene	9.919	91.0	452890	122.0953	ng	99
T m+p-Xylenes	10.037	106.0	359798	249.6015	ng	99
T o-Xylene	10.430	106.0	157613	122.8229	ng	98
T Styrene	10.446	104.0	263650	127.6093	ng	100
T Bromoform	10.625	172.5	39118	121.5405	ng	100
T Bromobenzene	11.091	156.0	100594	123.5856	ng	97
T 1,1,2,2-Tetrachloroethane	11.113	83.0	58136	124.0918	ng	95
T 1,2,3-Trichloropropane	11.152	110.0	15718	125.3875	ng	98
T 2-Chlorotoluene	11.291	126.0	101552	125.3899	ng	98
T 4-Chlorotoluene	11.400	91.0	326303	123.5714	ng	98
T 1,3-Dichlorobenzene	12.036	146.0	180315	121.4650	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	177992	117.5897	ng	98
T 1,2-Dichlorobenzene	12.496	146.0	149477	119.1447	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

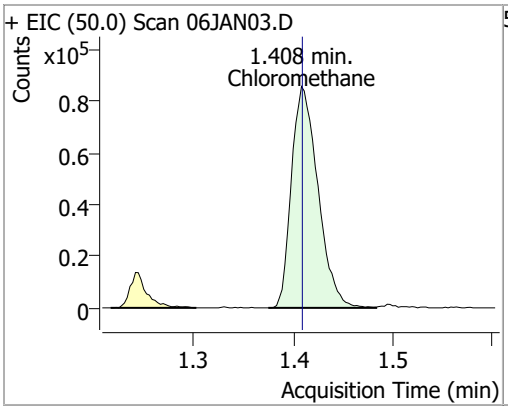
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	127.5043	1.24	0.00	131985	87.0	31.7	2.3	62.3

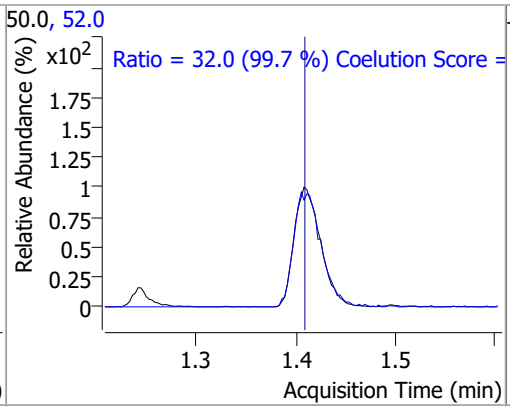


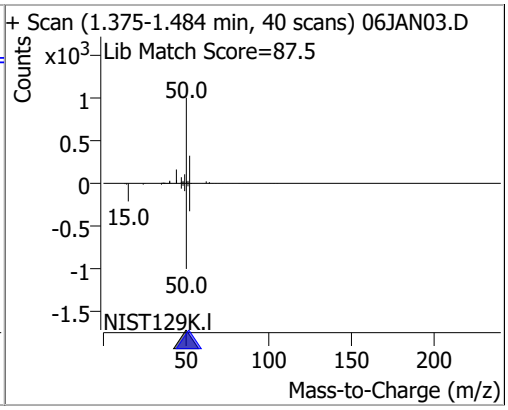




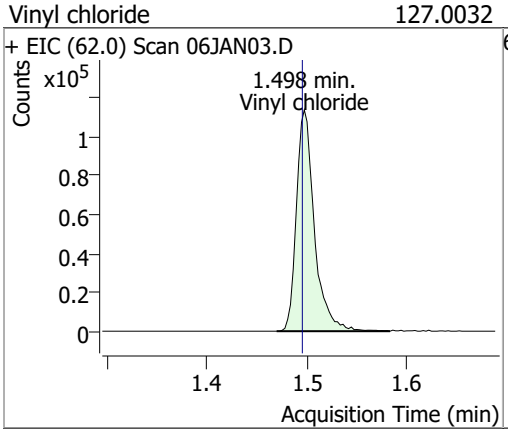
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	126.8203	1.41	0.00	159338	52.0	32.0	2.1	62.1

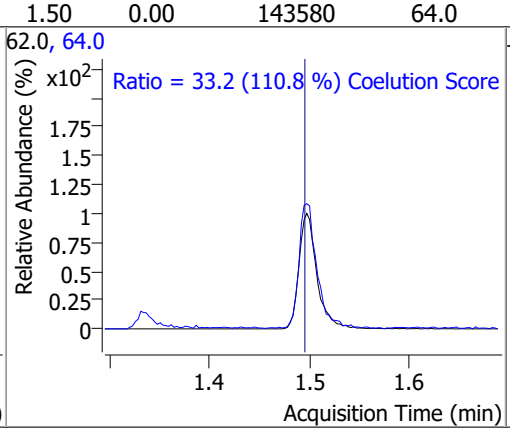


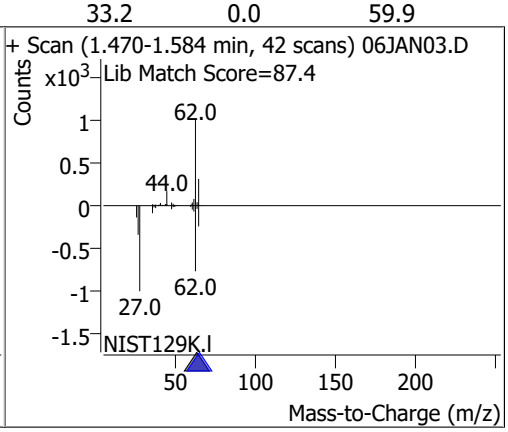




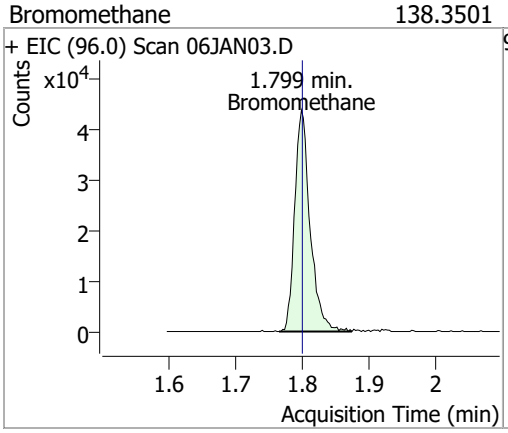
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	127.0032	1.50	0.00	143580	64.0	33.2	0.0	59.9

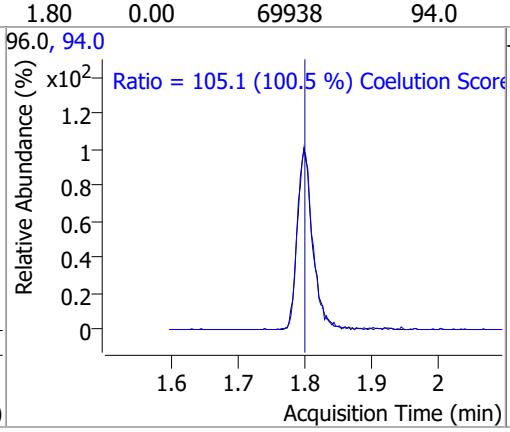


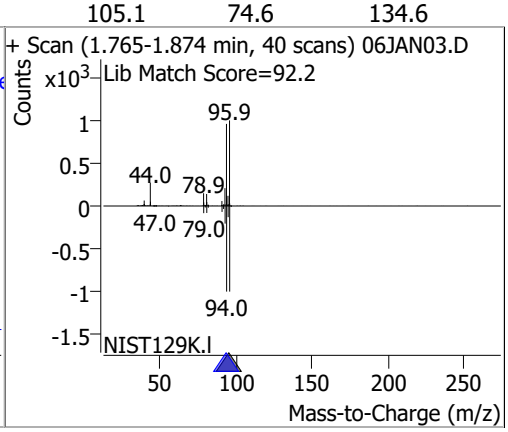




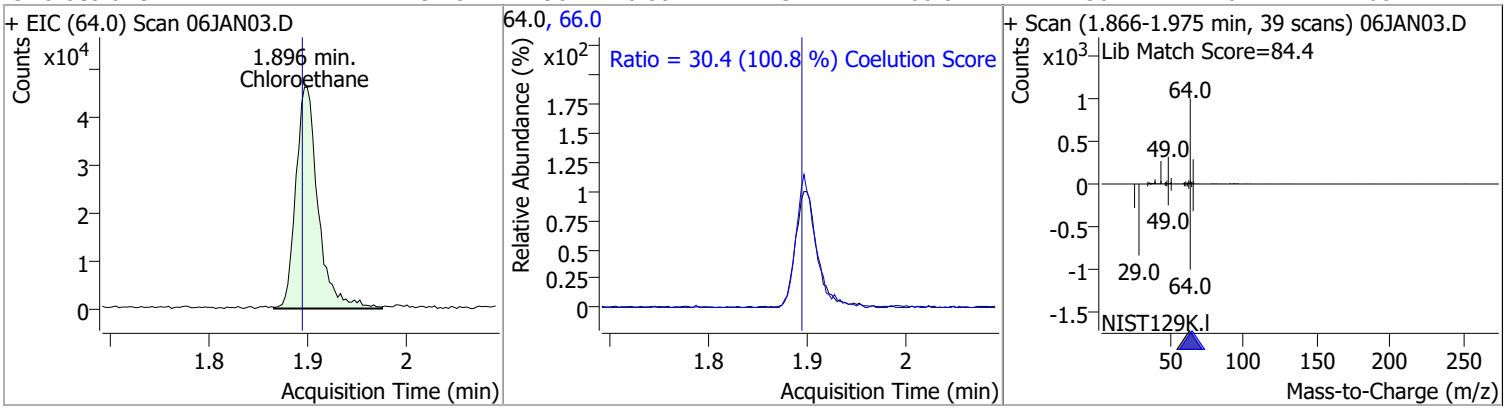
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	138.3501	1.80	0.00	69938	94.0	105.1	74.6	134.6



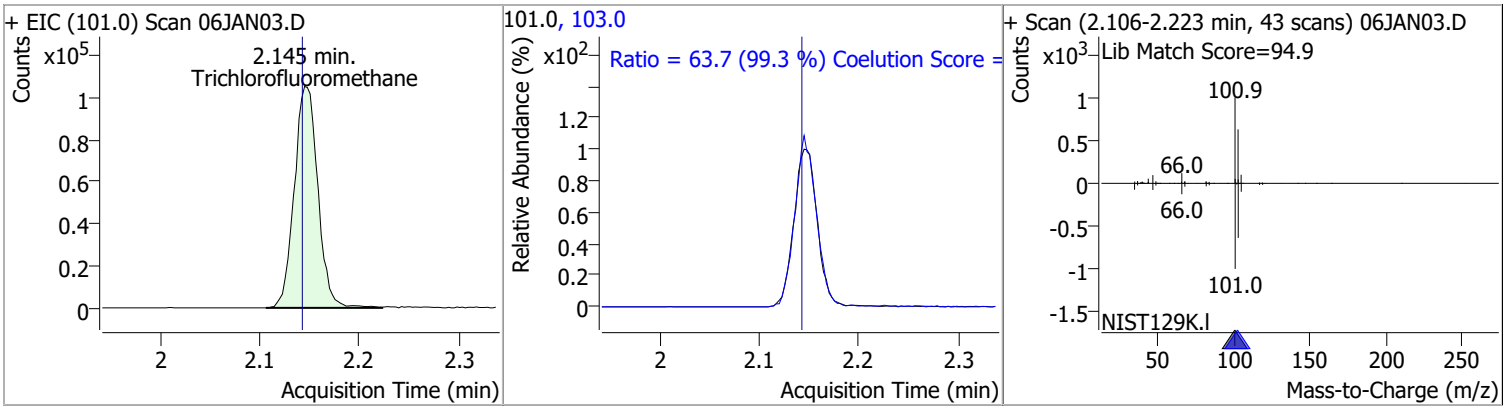




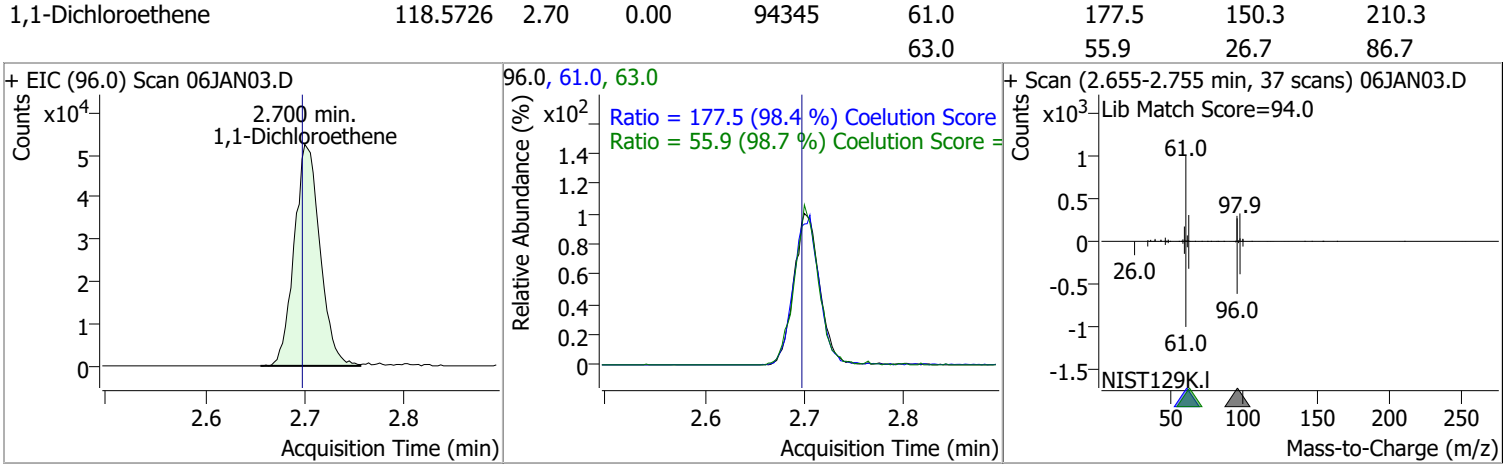
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	129.2017	1.90	0.00	72311	66.0	30.4	0.1	60.1



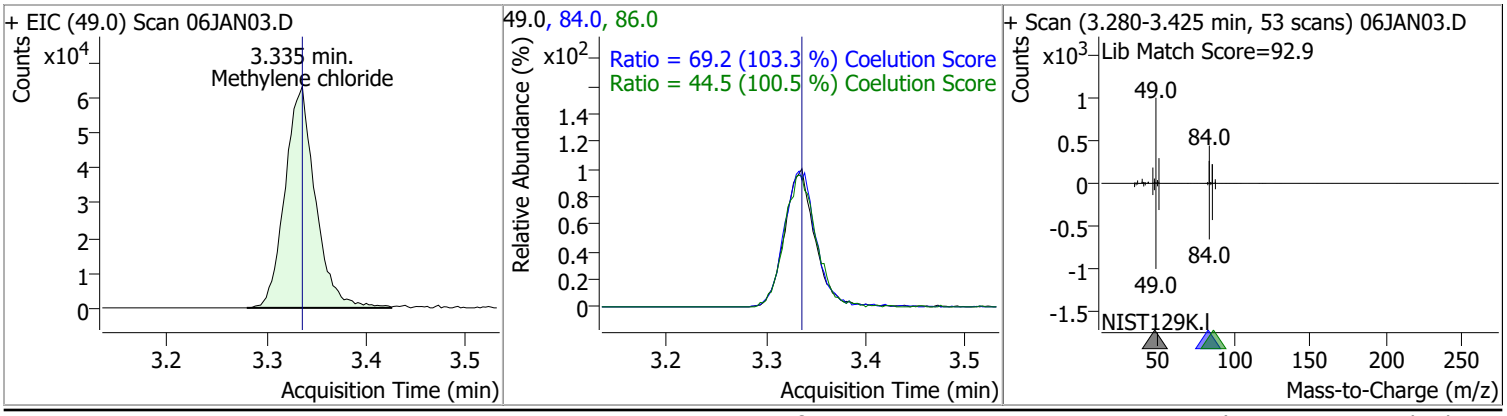
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	123.4777	2.14	0.00	173267	103.0	63.7	34.2	94.2



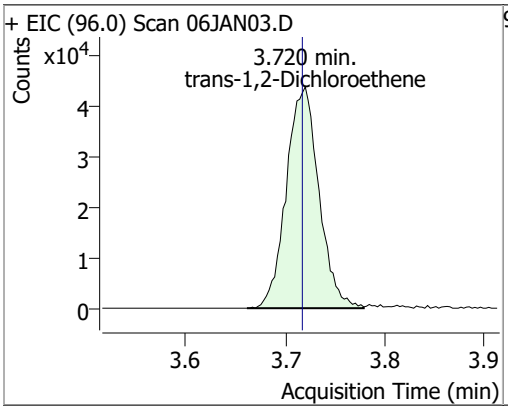
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	118.5726	2.70	0.00	94345	61.0	177.5	150.3	210.3
					63.0	55.9	26.7	86.7

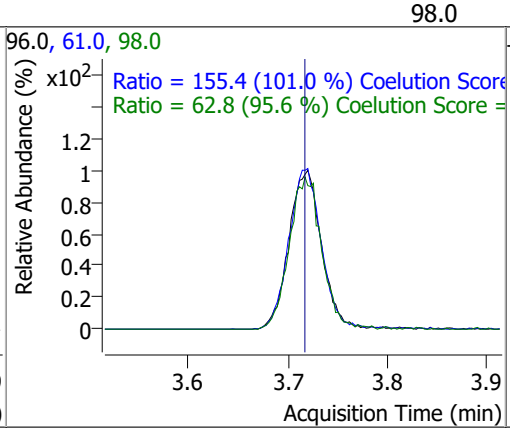


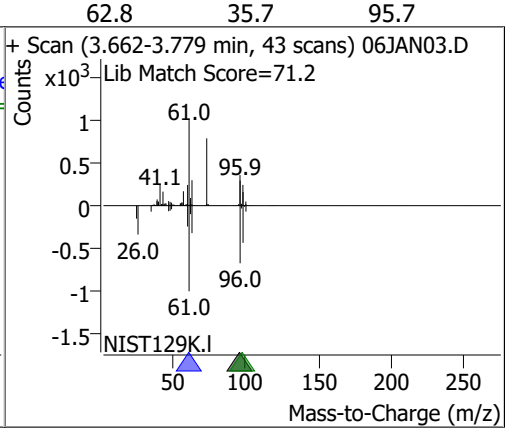
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	114.4899	3.34	0.00	134291	84.0	69.2	36.9	96.9
					86.0	44.5	14.3	74.3



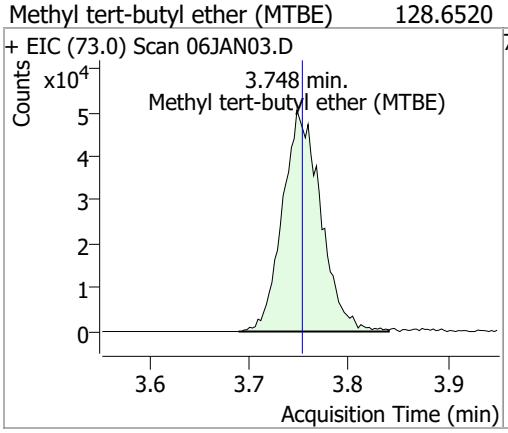
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	121.7339	3.72	0.00	98819	61.0	155.4	123.9	183.9
					98.0	62.8	35.7	95.7

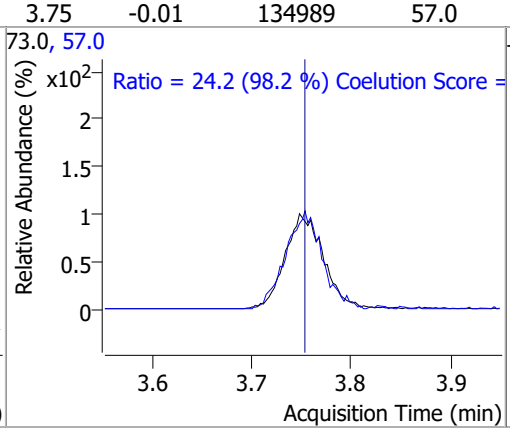


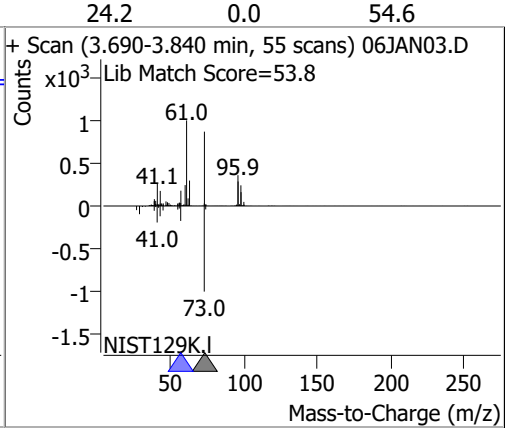




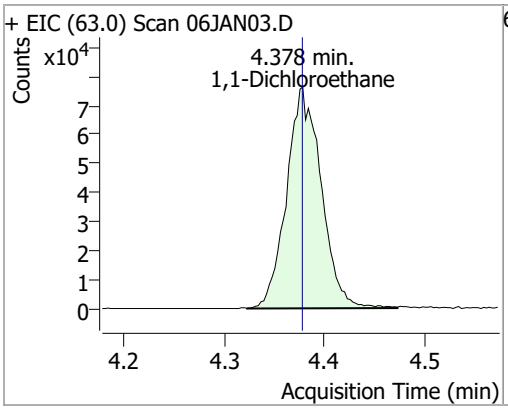
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	128.6520	3.75	-0.01	134989	57.0	24.2	0.0	54.6

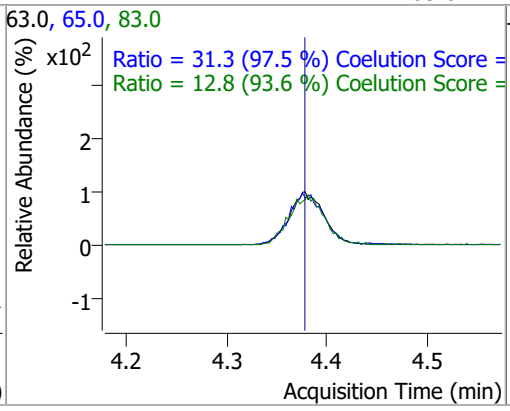


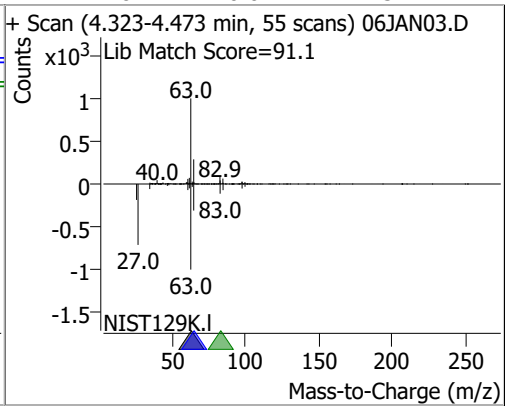




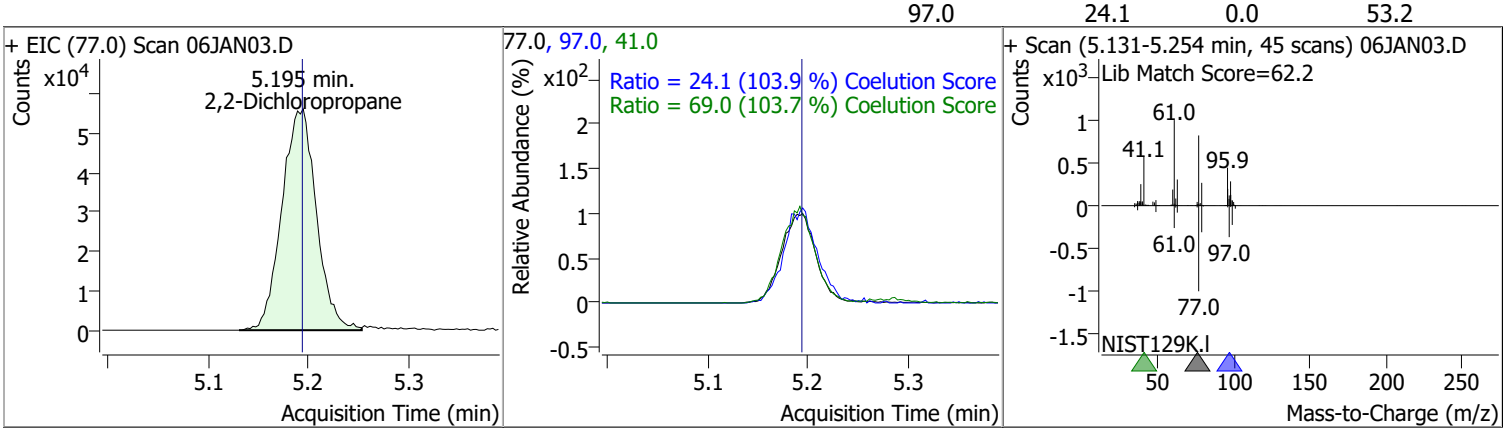
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	121.4389	4.38	0.00	183495	65.0	31.3	2.1	62.1
					83.0	12.8	0.0	43.7



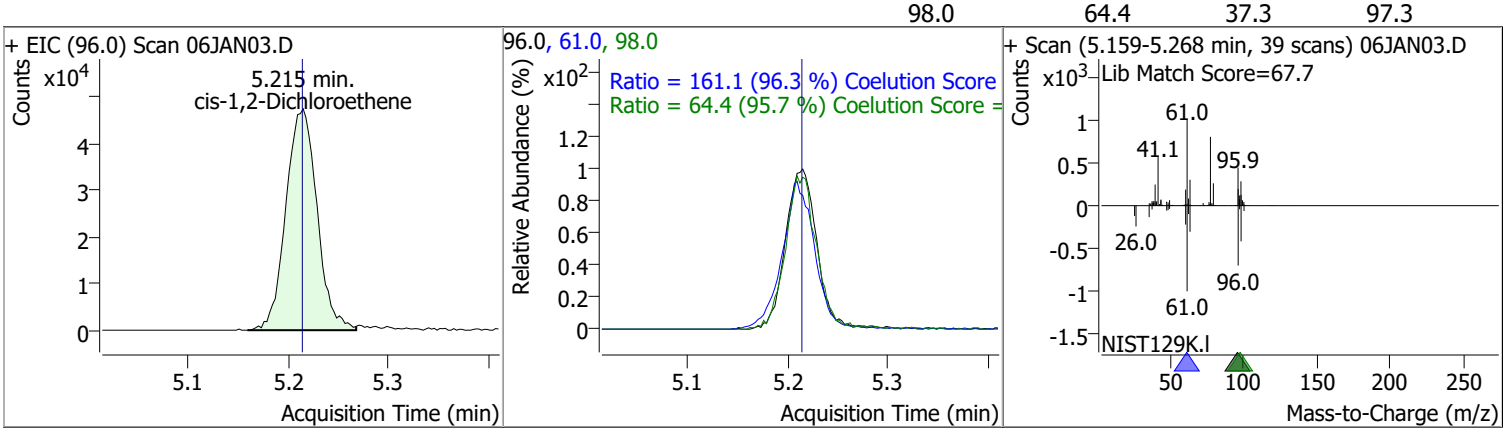




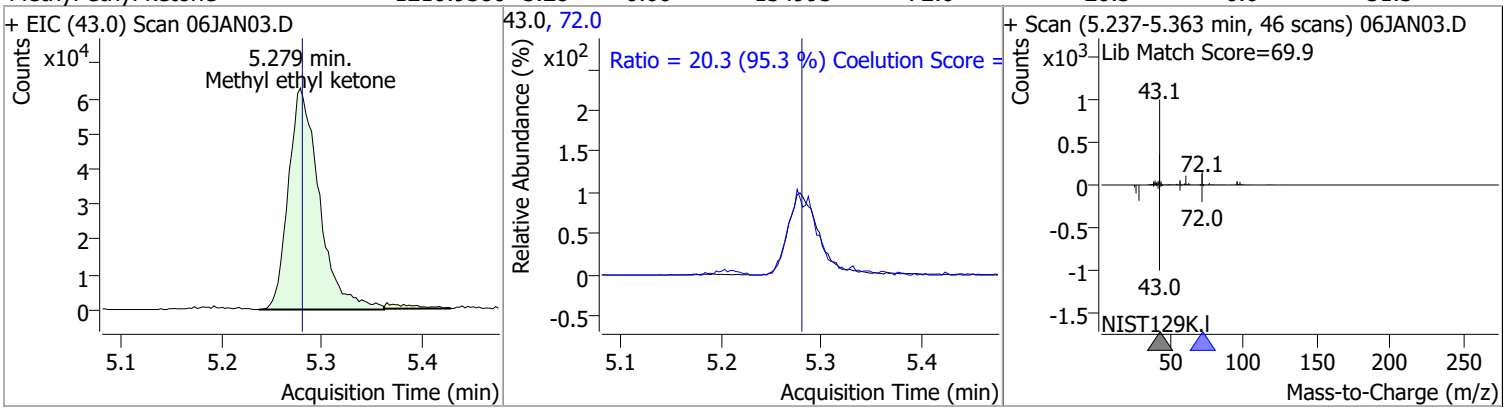
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	118.6057	5.20	0.00	134287	41.0	69.0	36.5	96.5
					97.0	24.1	0.0	53.2



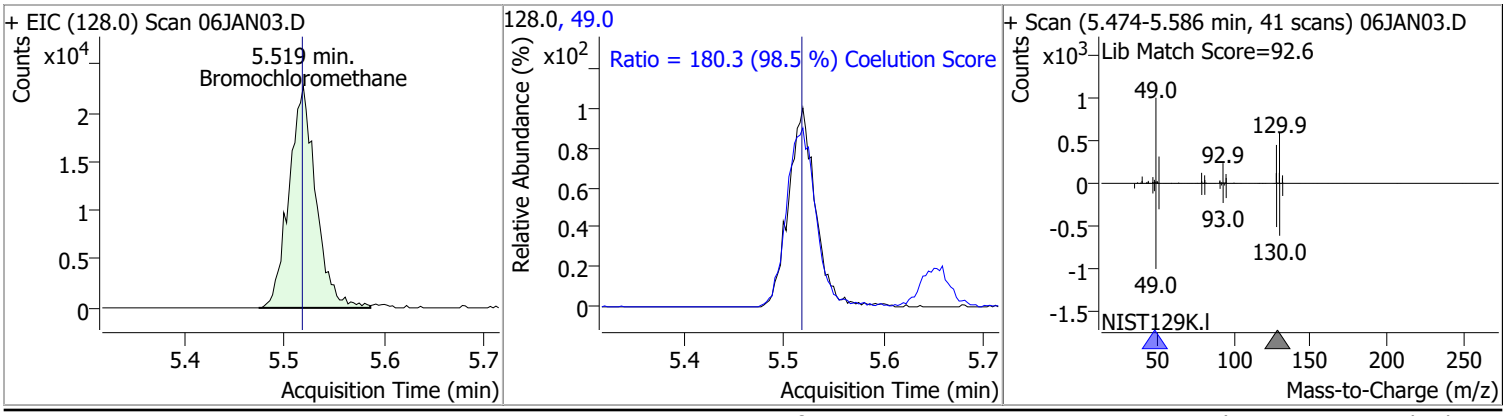
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	124.4088	5.21	0.00	102390	61.0	161.1	137.2	197.2
					98.0	64.4	37.3	97.3



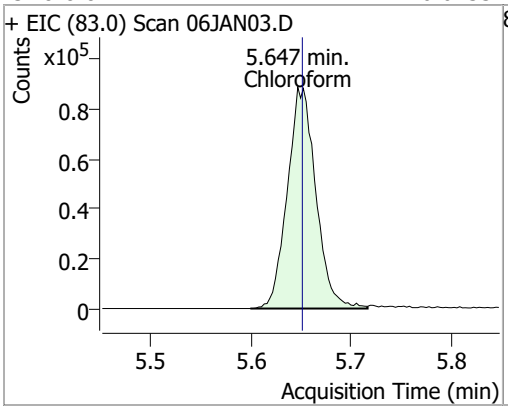
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1210.9380	5.28	0.00	134995	72.0	20.3	0.0	51.3

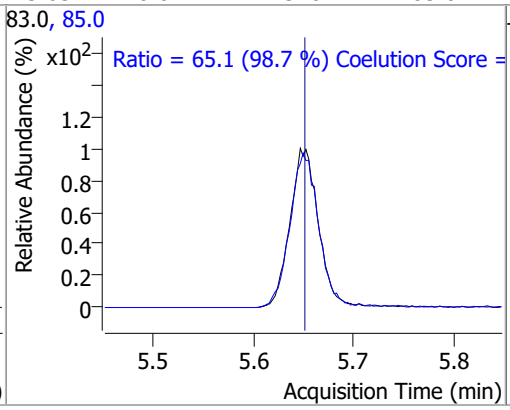


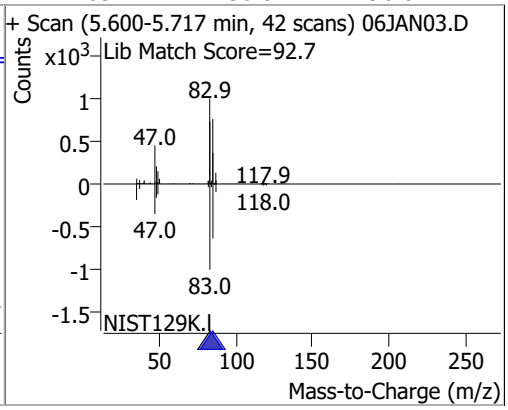
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	124.4225	5.52	0.00	42422	49.0	180.3	152.9	212.9



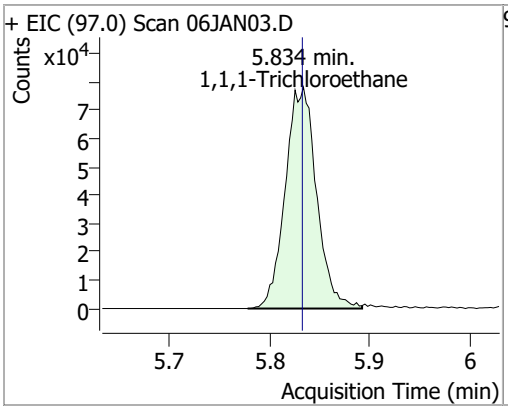
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	116.6433	5.65	-0.01	175404	85.0	65.1	36.0	96.0

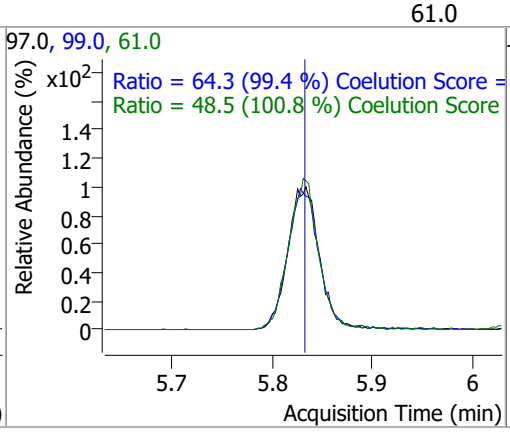


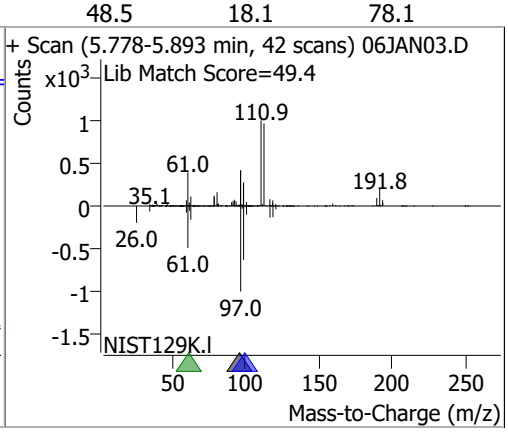




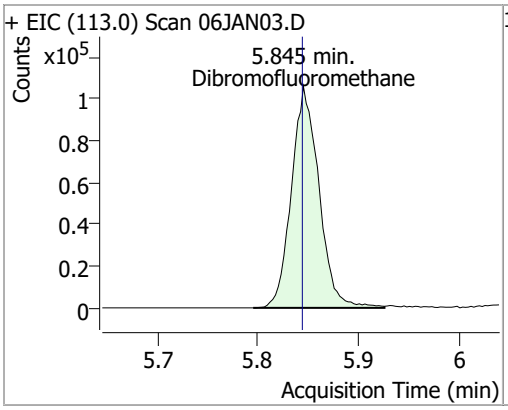
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	120.2563	5.83	0.00	169473	99.0	64.3	34.7	94.7
					61.0	48.5	18.1	78.1

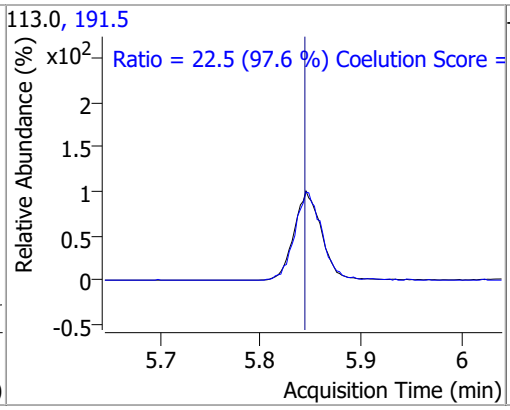


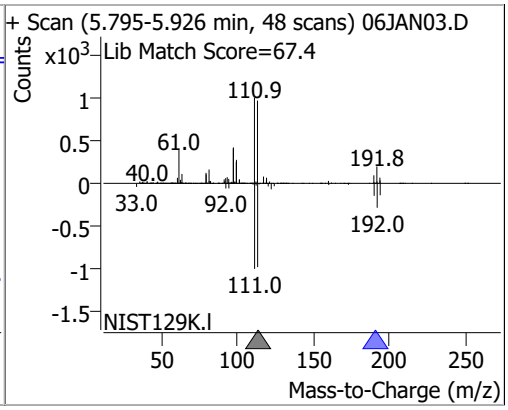




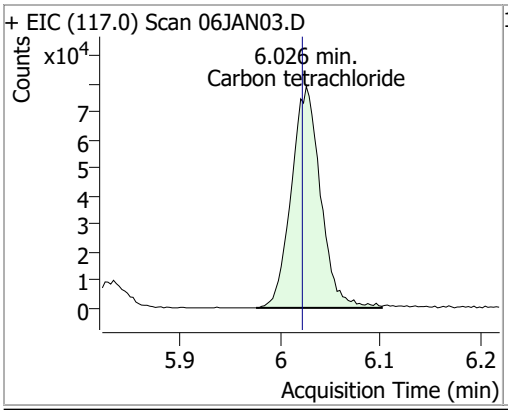
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	271.2176	5.85	0.00	201837	191.5	22.5	0.0	53.1

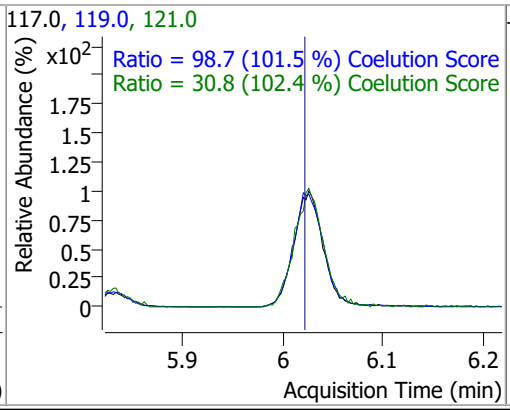


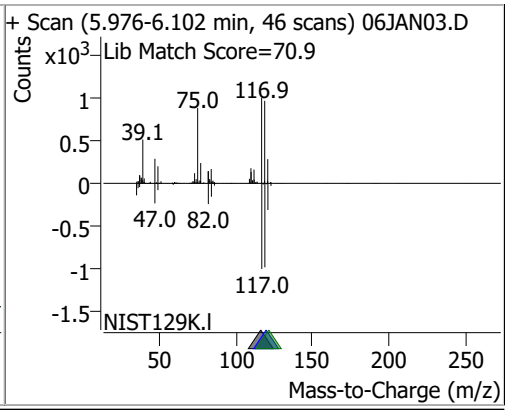




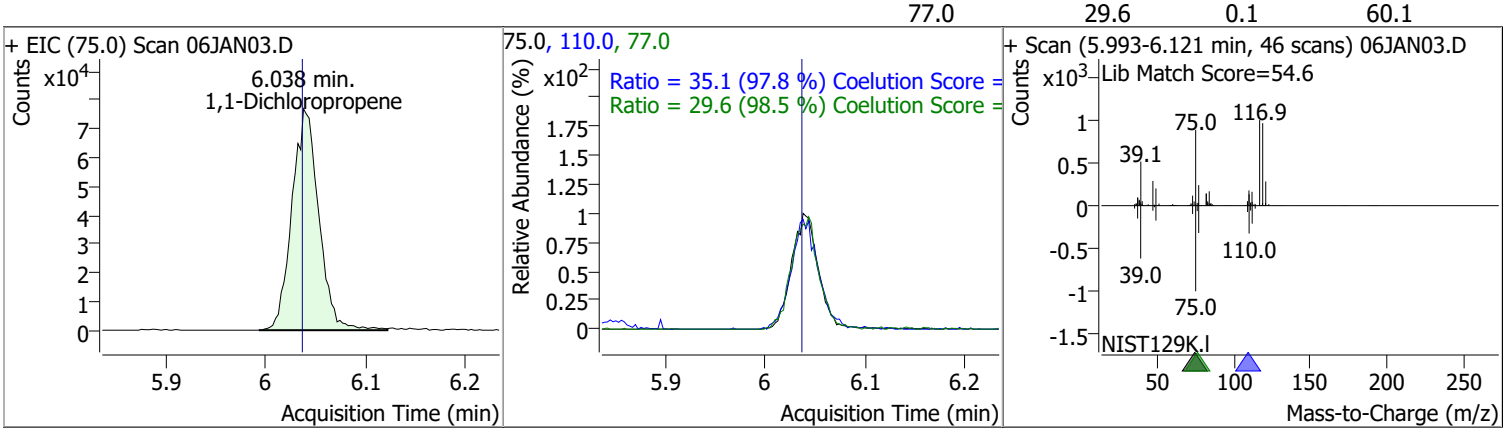
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	115.9674	6.03	0.00	161021	119.0	98.7	67.2	127.2
					121.0	30.8	0.1	60.1



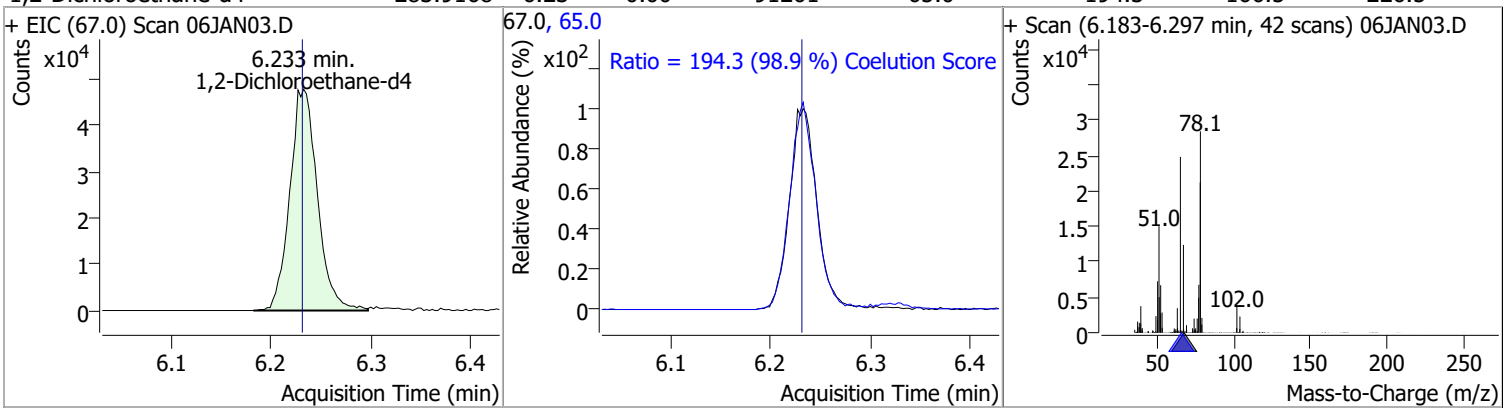




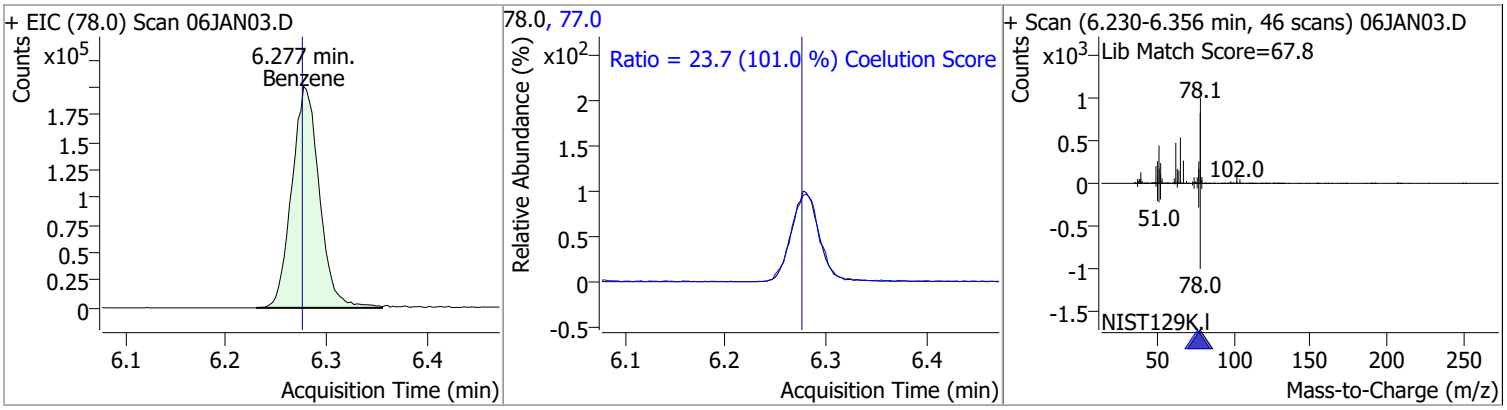
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	119.5360	6.04	0.00	143233	110.0	35.1	5.9	65.9
					77.0	29.6	0.1	60.1



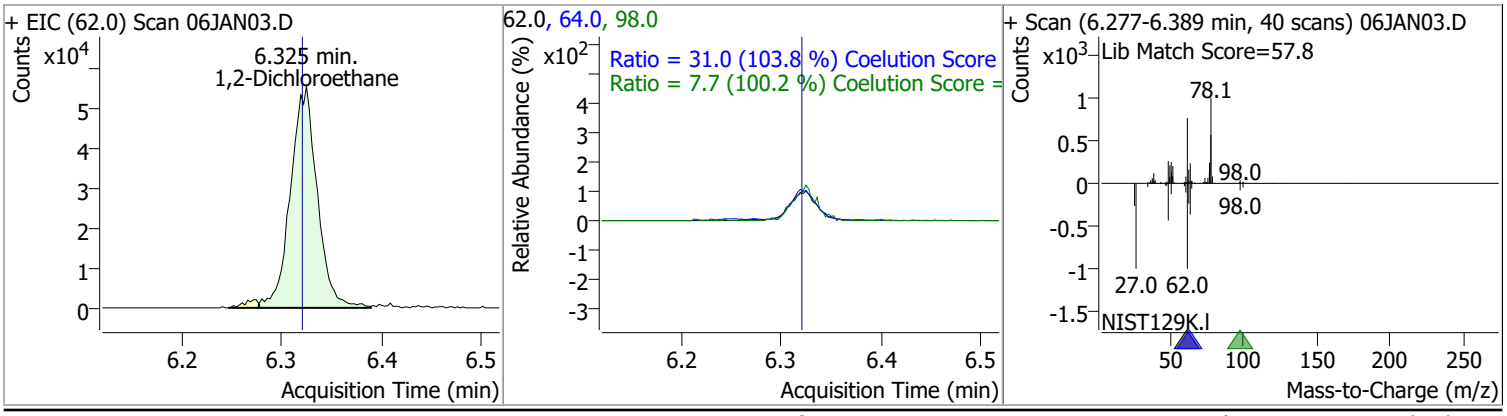
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	283.9168	6.23	0.00	91261	65.0	194.3	166.5	226.5



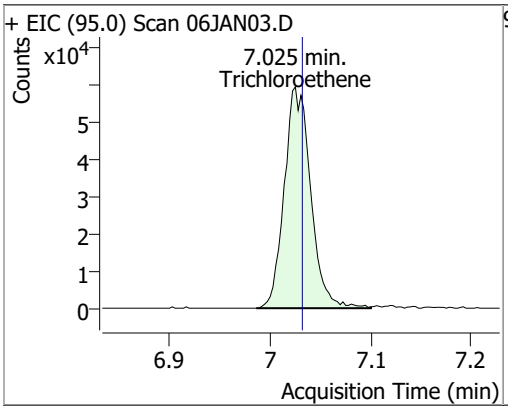
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	121.8214	6.28	0.00	383144	77.0	23.7	0.0	53.5

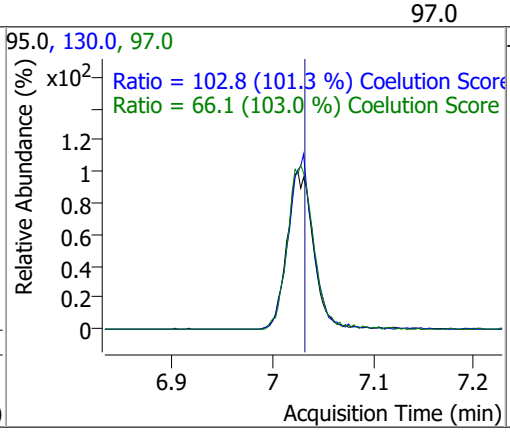


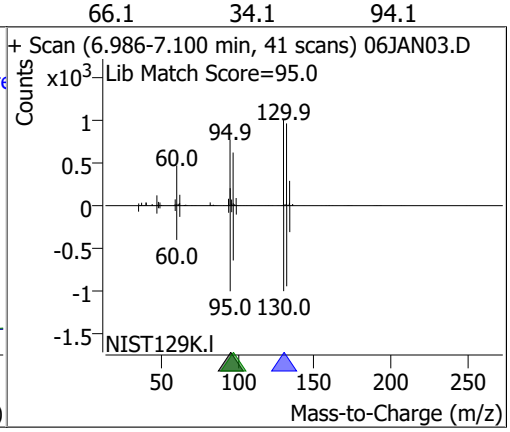
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	120.8714	6.32	0.00	102842	64.0	31.0	0.0	59.9
					98.0	7.7	0.0	37.6



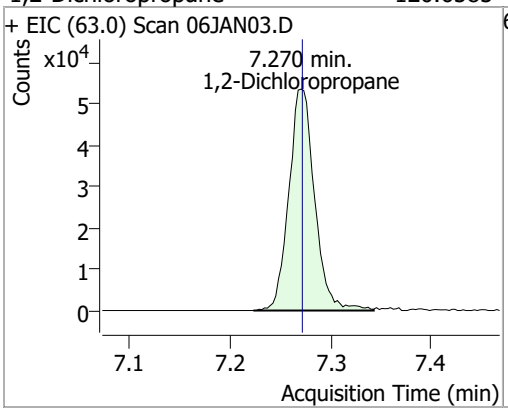
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	120.1995	7.02	-0.01	108791	130.0	102.8	71.5	131.5
					97.0	66.1	34.1	94.1

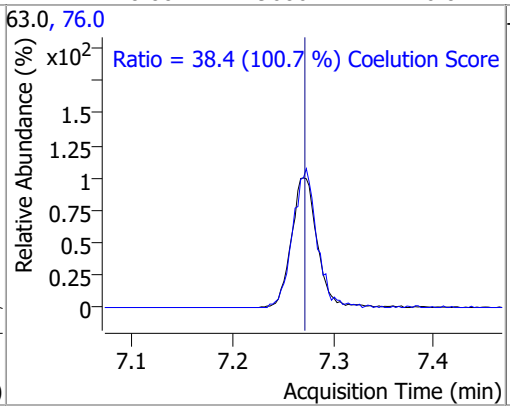


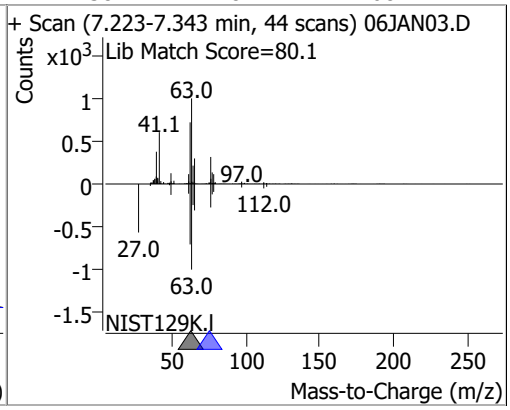




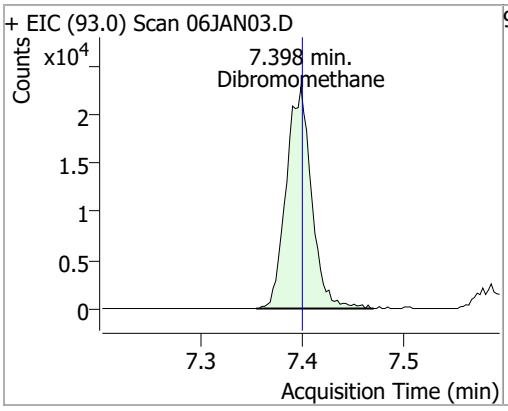
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	120.6585	7.27	0.00	96062	76.0	38.4	8.2	68.2

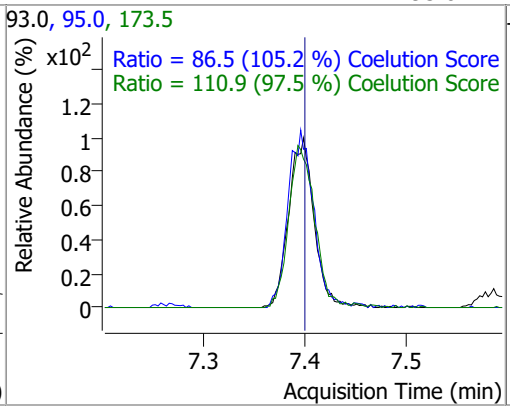


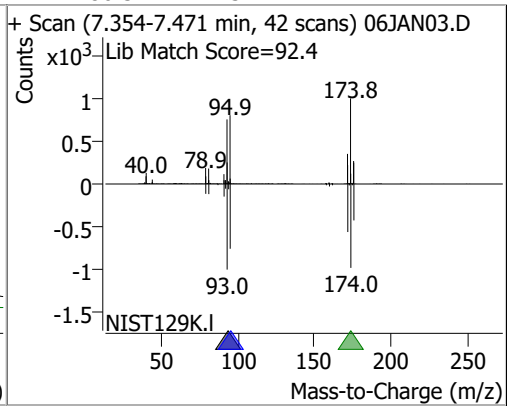




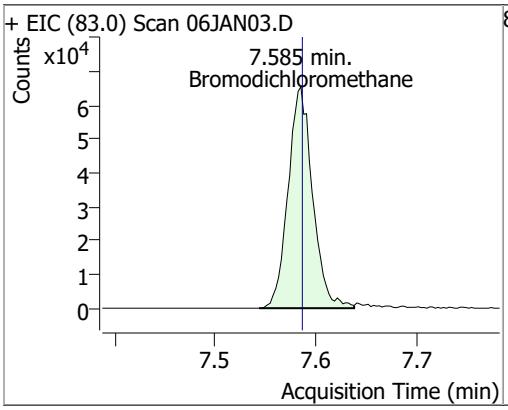
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	119.4318	7.40	0.00	40182	173.5	110.9	83.7	143.7
					95.0	86.5	52.2	112.2

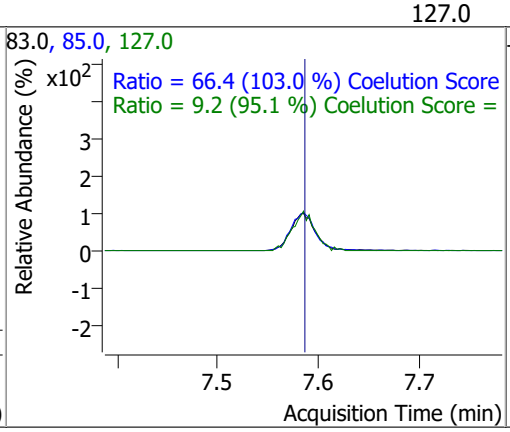


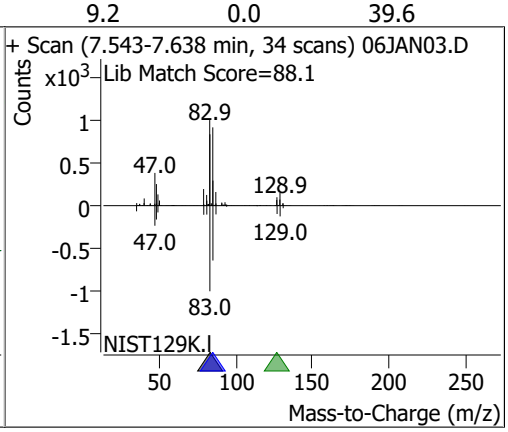




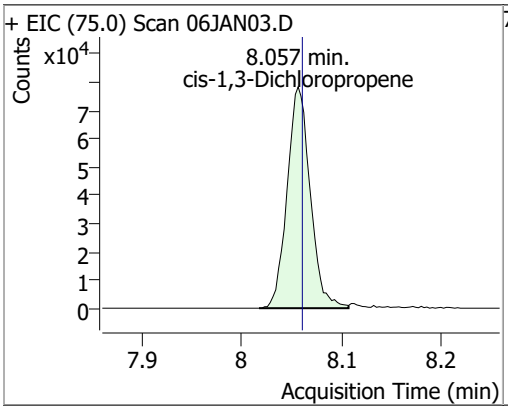
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	119.5062	7.59	0.00	110963	85.0	66.4	34.5	94.5
					127.0	9.2	0.0	39.6

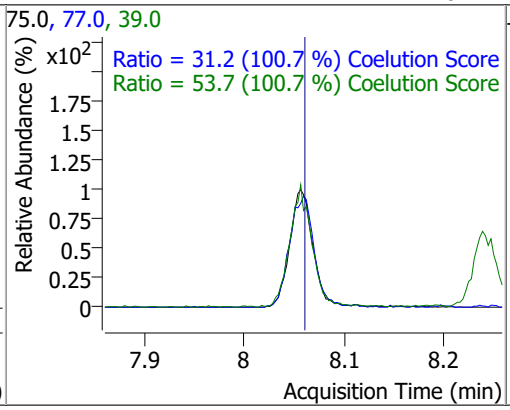


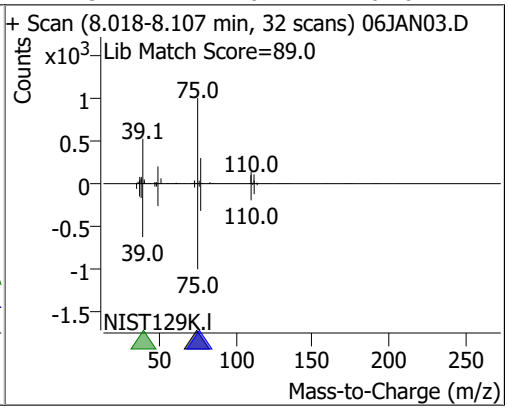




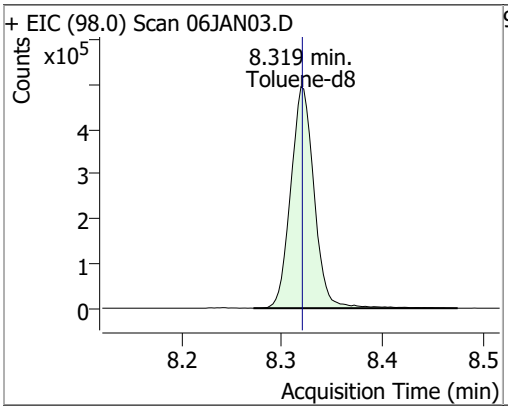
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	119.2897	8.06	0.00	125231	39.0	53.7	23.3	83.3
					77.0	31.2	1.0	61.0

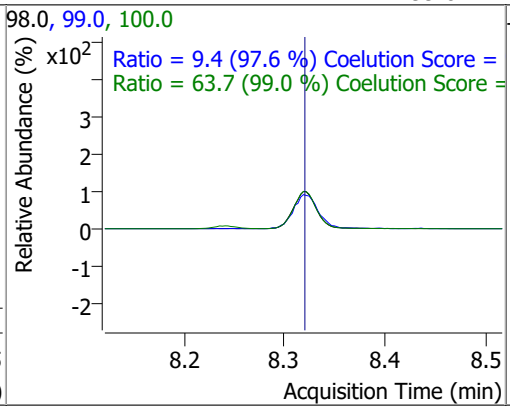


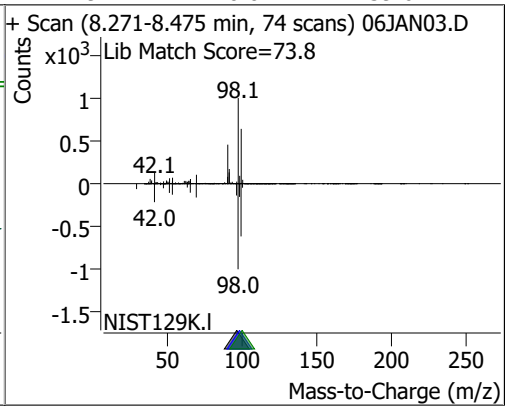




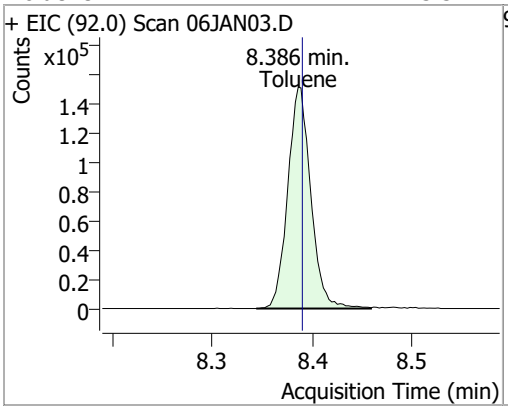
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	277.3979	8.32	0.00	802233	100.0	63.7	34.4	94.4
					99.0	9.4	0.0	39.6

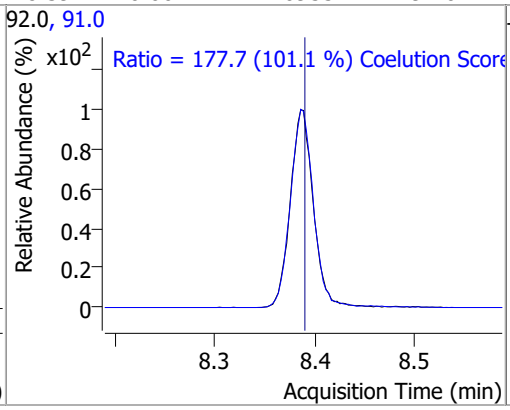


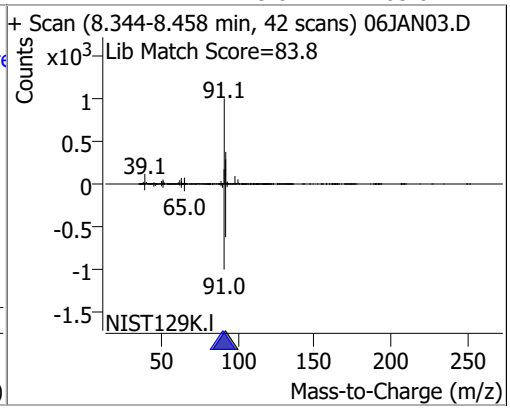




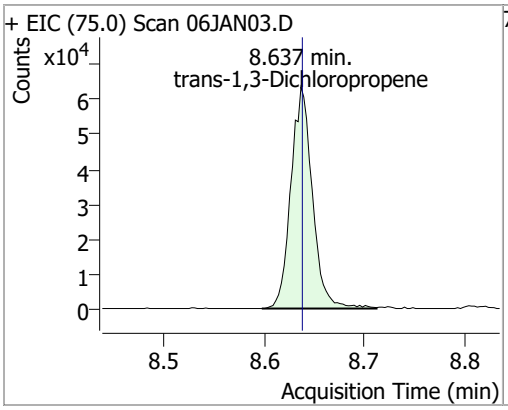
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	123.3427	8.39	0.00	240955	91.0	177.7	145.8	205.8

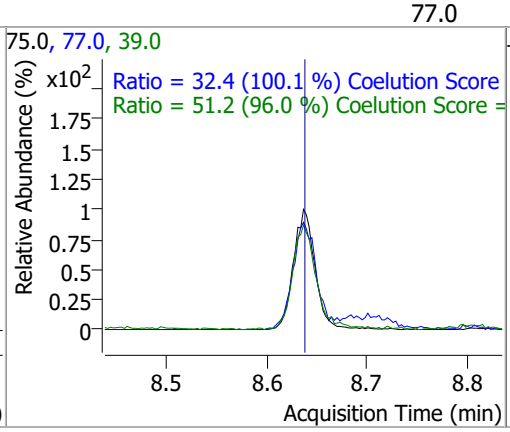


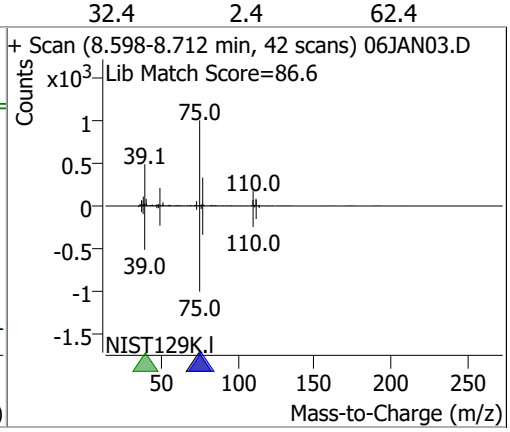




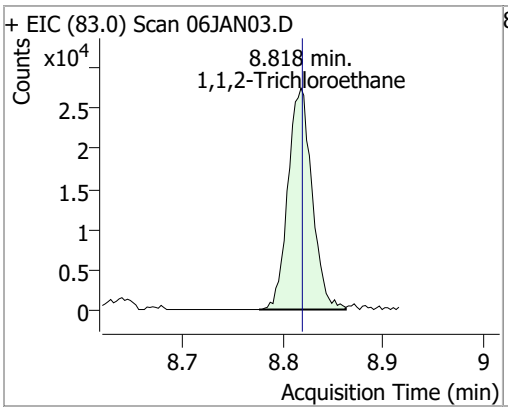
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	127.2056	8.64	0.00	95057	39.0	51.2	23.4	83.4
					77.0	32.4	2.4	62.4

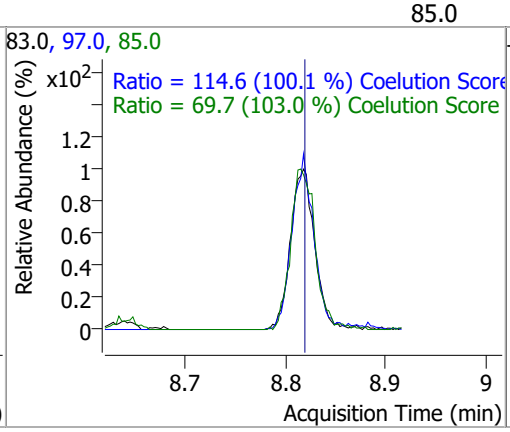


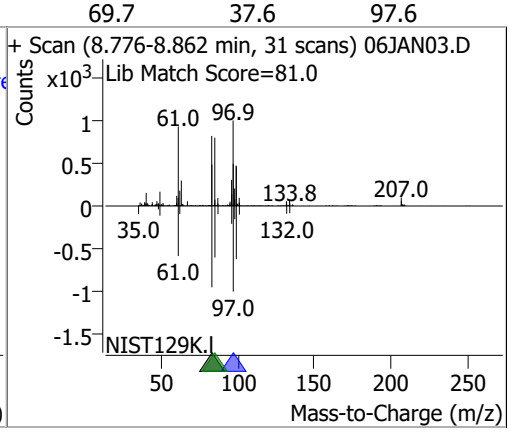




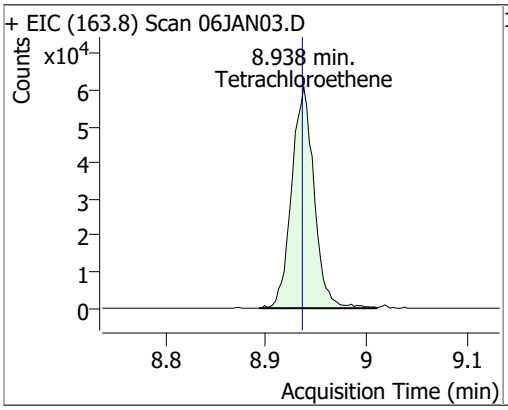
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	118.1426	8.82	0.00	45985	97.0	114.6	84.6	144.6
					85.0	69.7	37.6	97.6

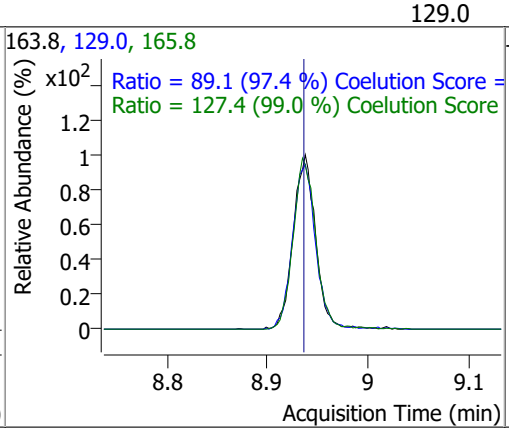


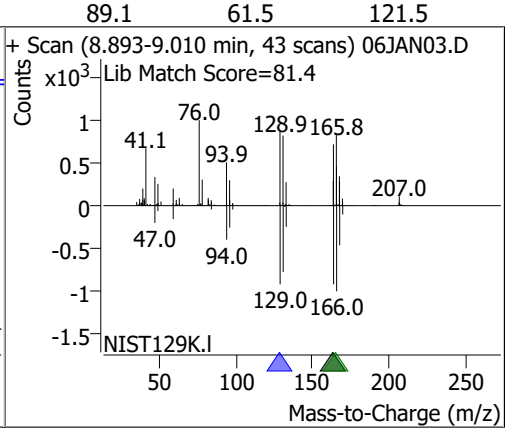




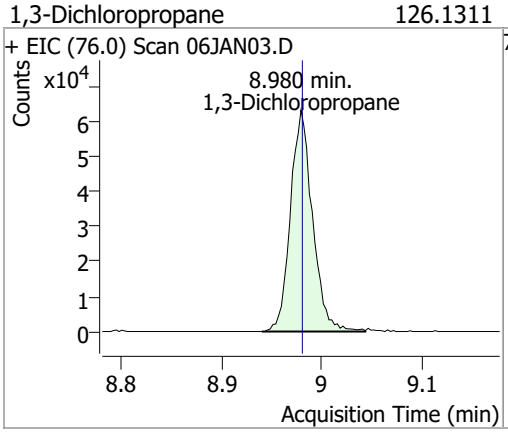
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	118.7791	8.94	0.00	94664	165.8	127.4	98.6	158.6
					129.0	89.1	61.5	121.5

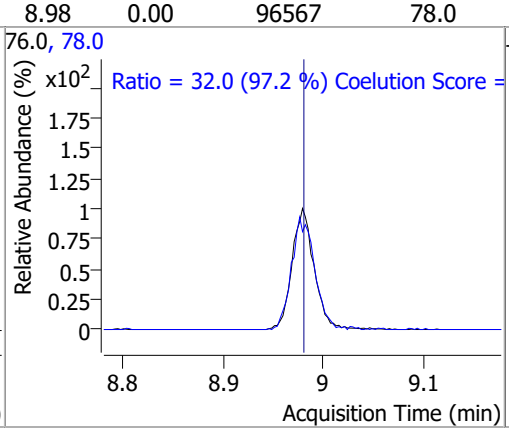


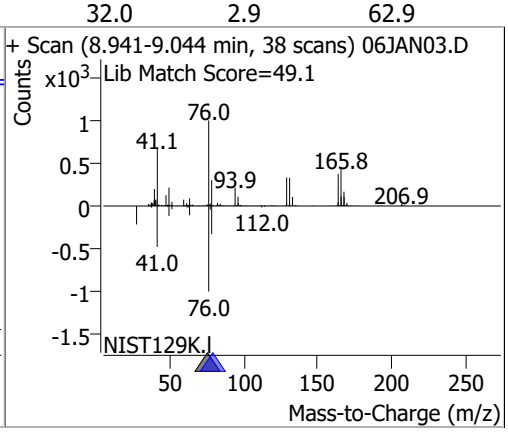




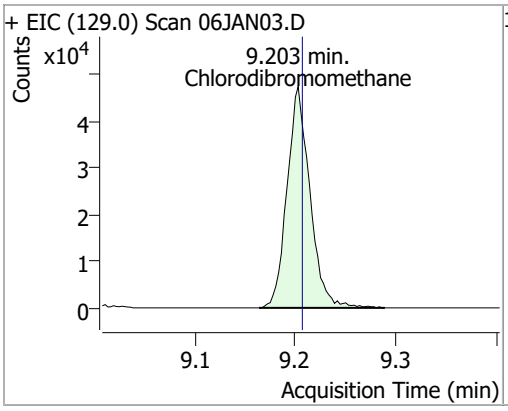
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	126.1311	8.98	0.00	96567	78.0	32.0	2.9	62.9

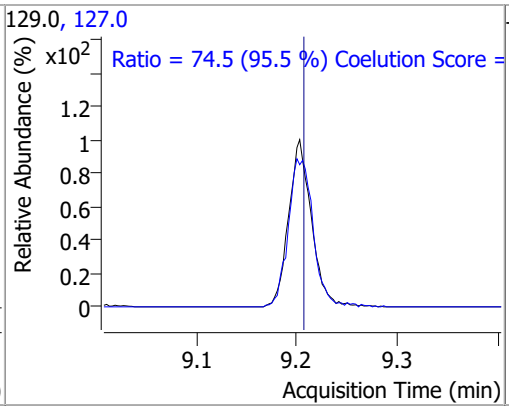


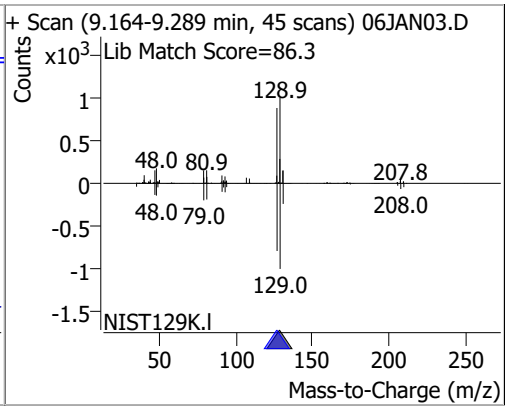




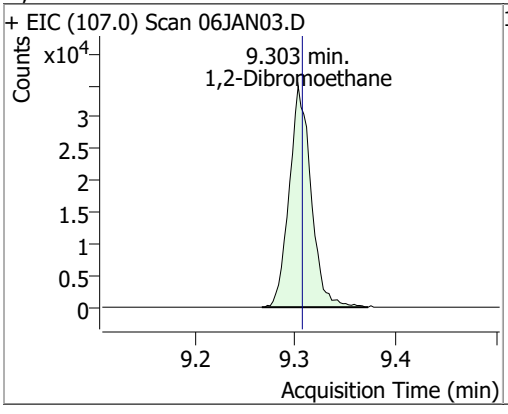
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	123.2198	9.20	0.00	74958	127.0	74.5	48.0	108.0

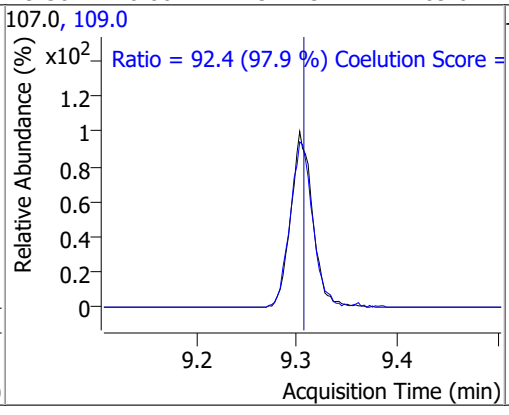


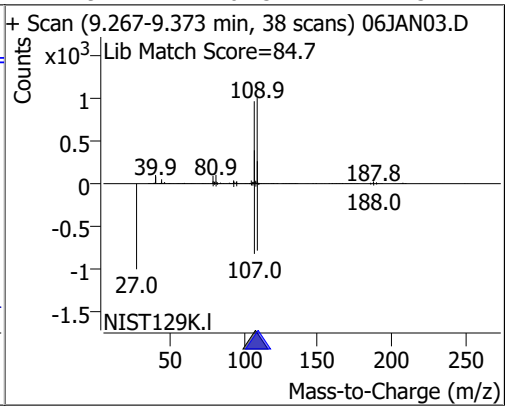




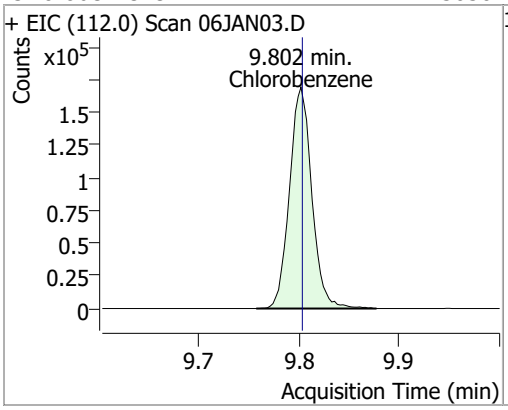
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	124.0030	9.30	0.00	52775	109.0	92.4	64.5	124.5

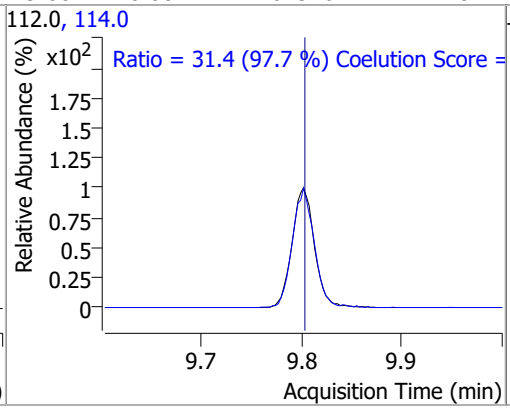


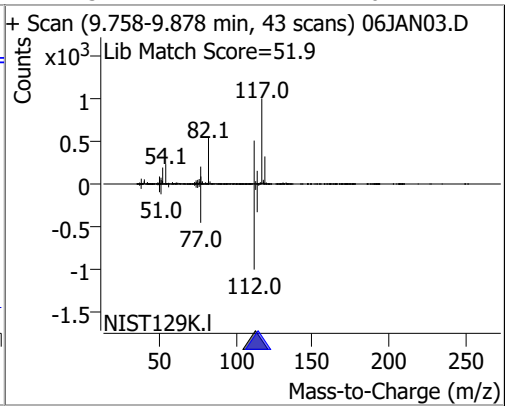




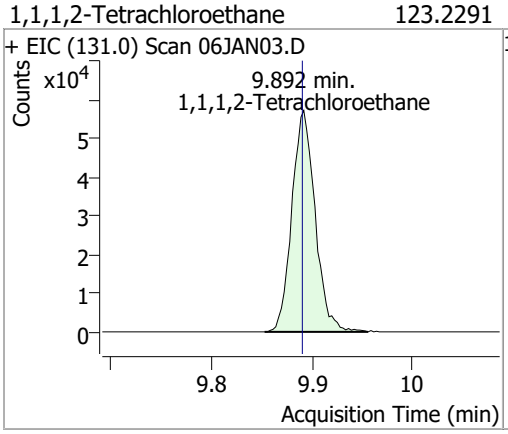
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	122.3030	9.80	0.00	261576	114.0	31.4	2.1	62.1

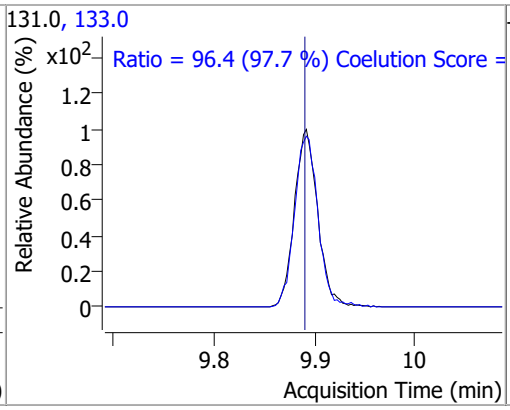


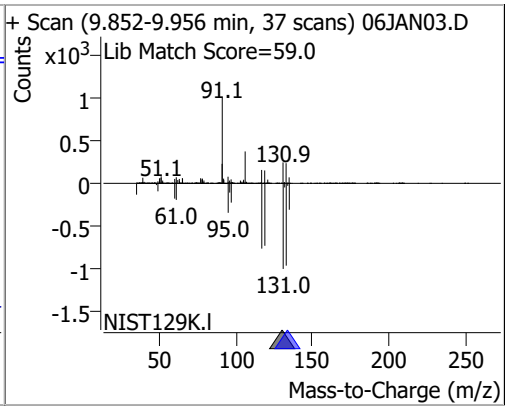




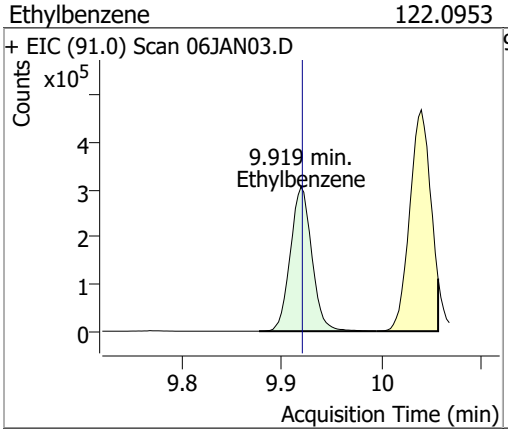
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	123.2291	9.89	0.00	92130	133.0	96.4	68.6	128.6

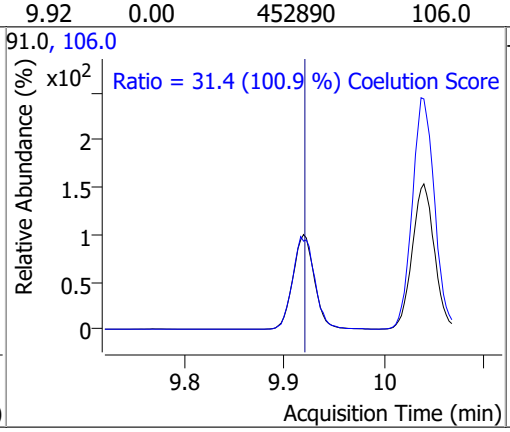


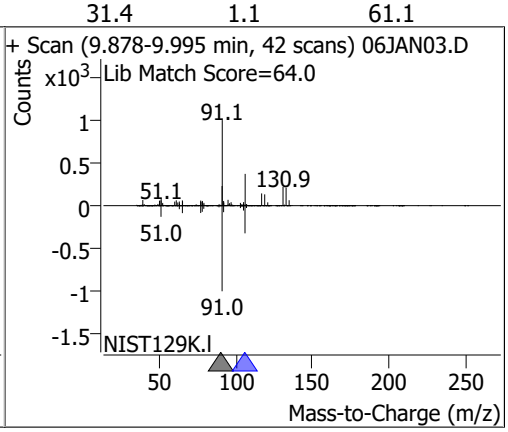




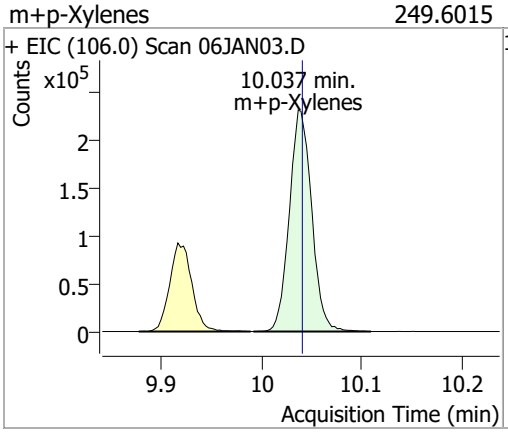
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	122.0953	9.92	0.00	452890	106.0	31.4	1.1	61.1

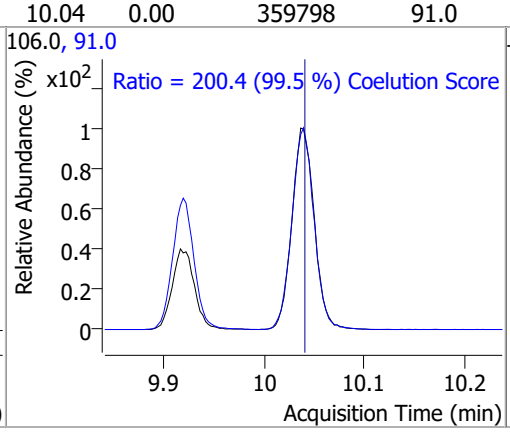


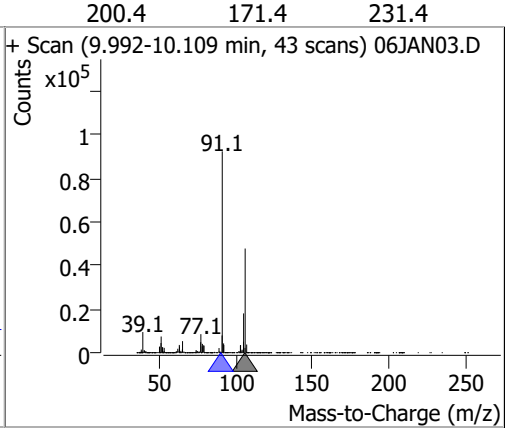




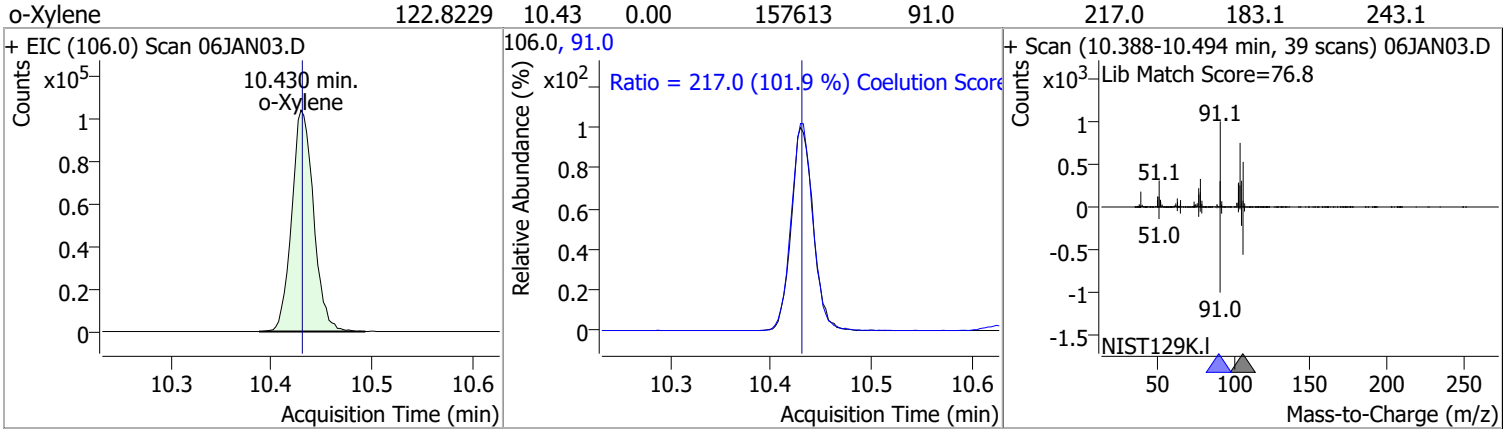
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	249.6015	10.04	0.00	359798	91.0	200.4	171.4	231.4



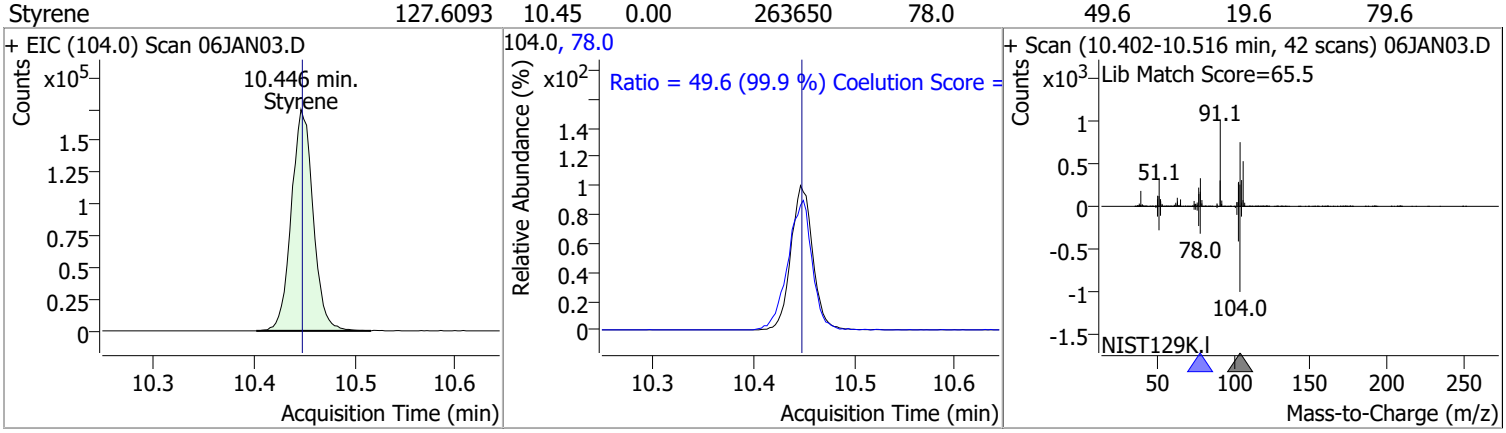




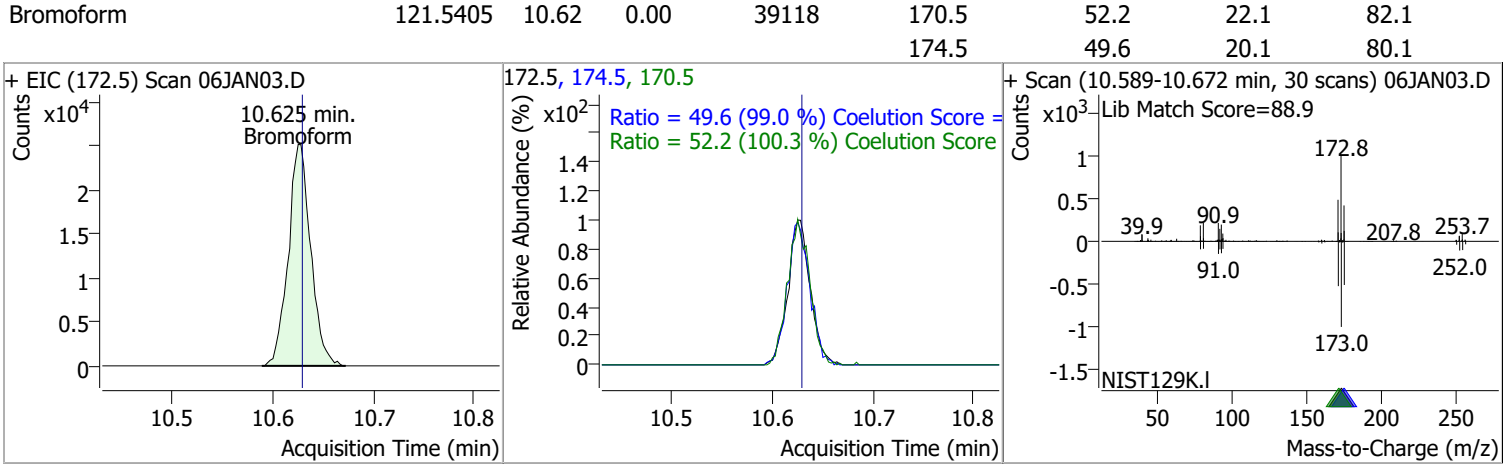
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	122.8229	10.43	0.00	157613	91.0	217.0	183.1	243.1



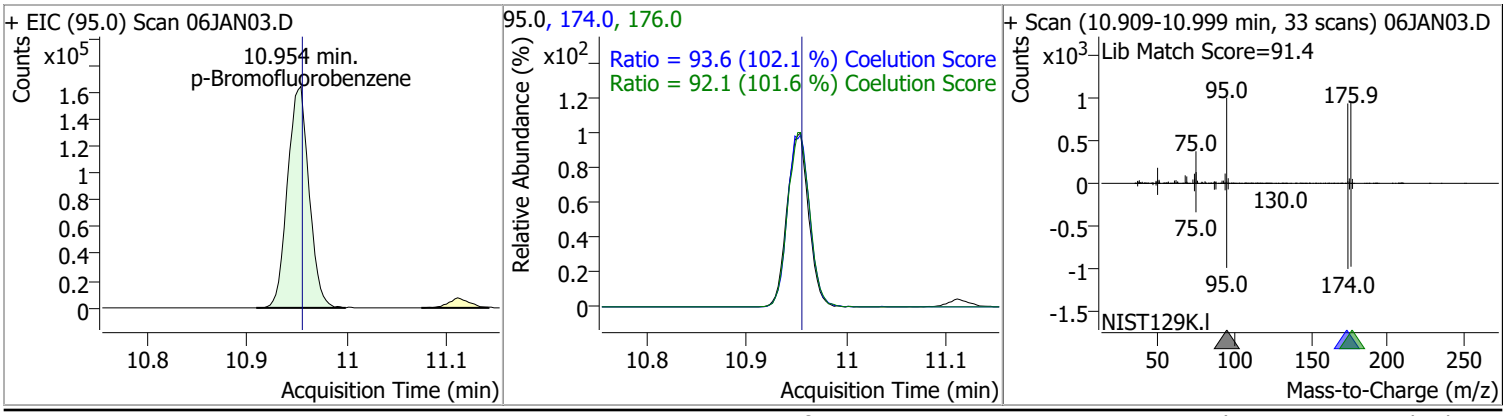
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	127.6093	10.45	0.00	263650	78.0	49.6	19.6	79.6



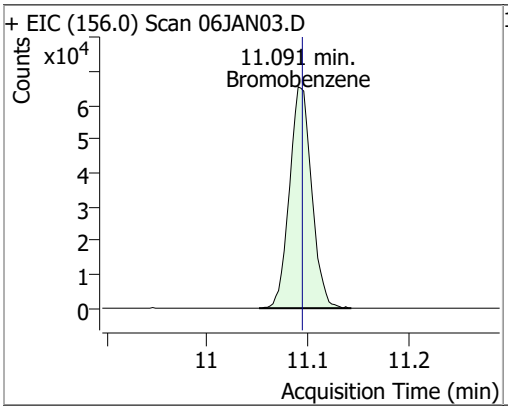
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	121.5405	10.62	0.00	39118	170.5	52.2	22.1	82.1
					174.5	49.6	20.1	80.1

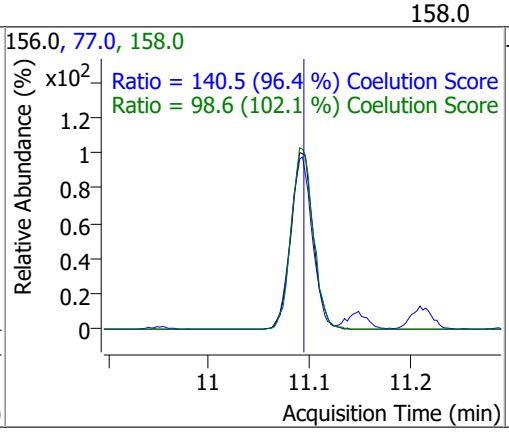


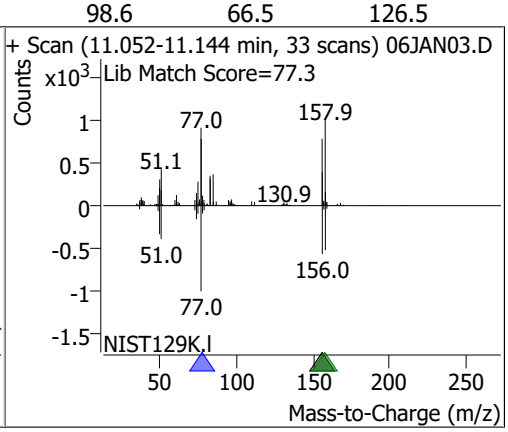
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.7584	10.95	0.00	243954	174.0	93.6	61.7	121.7
					176.0	92.1	60.6	120.6



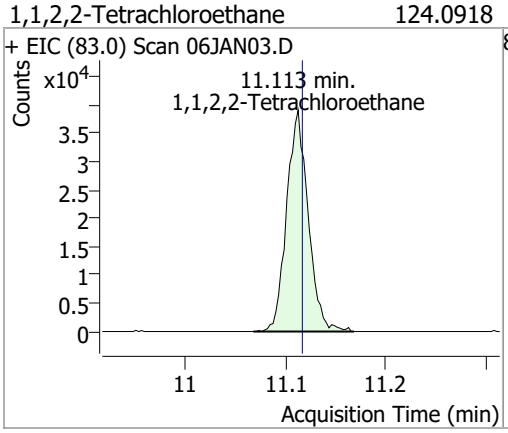
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	123.5856	11.09	0.00	100594	77.0	140.5	115.7	175.7
					158.0	98.6	66.5	126.5

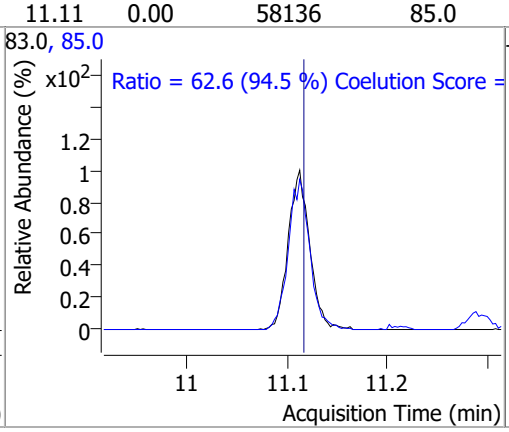


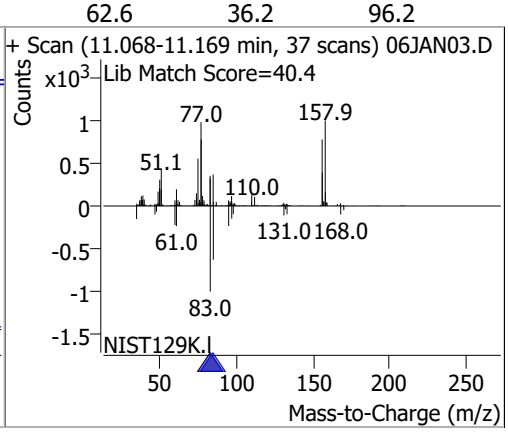




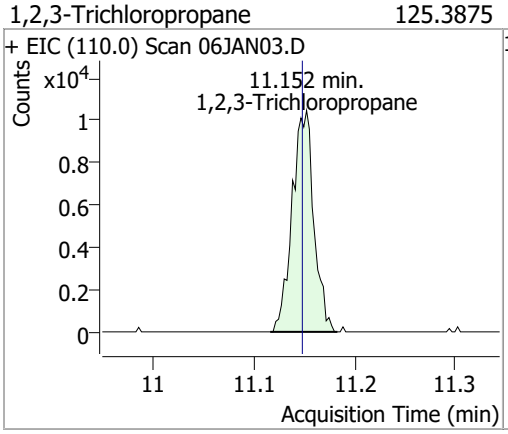
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	124.0918	11.11	0.00	58136	85.0	62.6	36.2	96.2

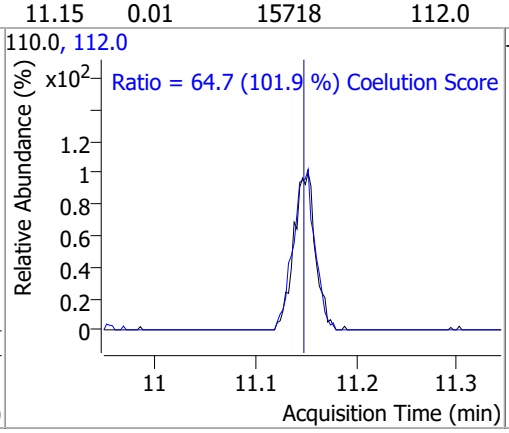


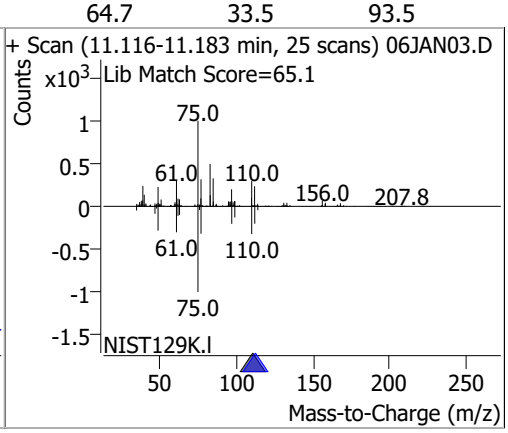




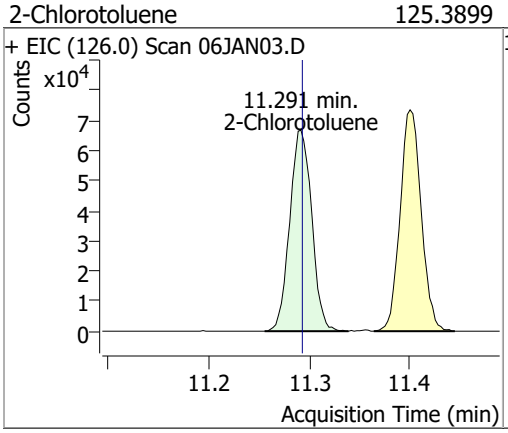
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	125.3875	11.15	0.01	15718	112.0	64.7	33.5	93.5

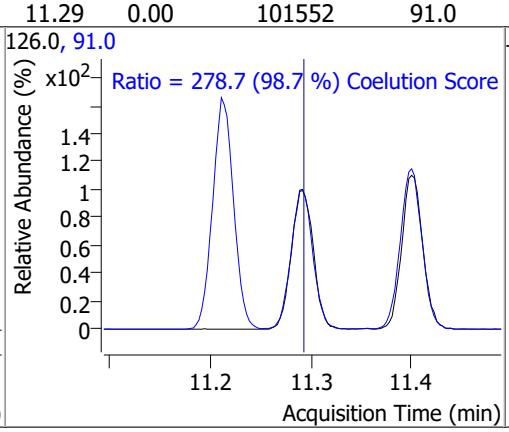


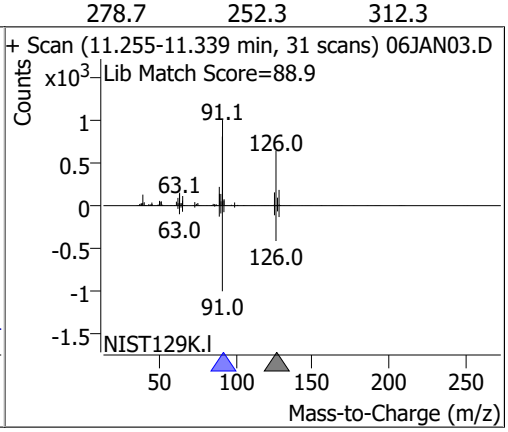




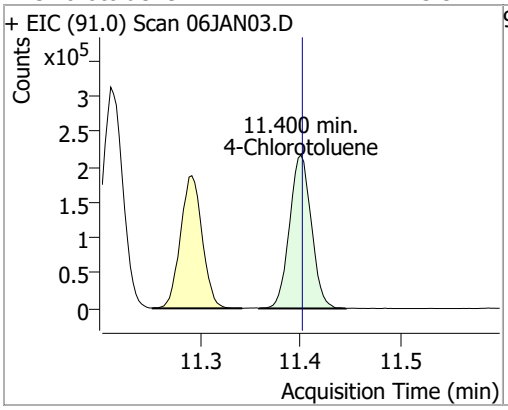
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	125.3899	11.29	0.00	101552	91.0	278.7	252.3	312.3

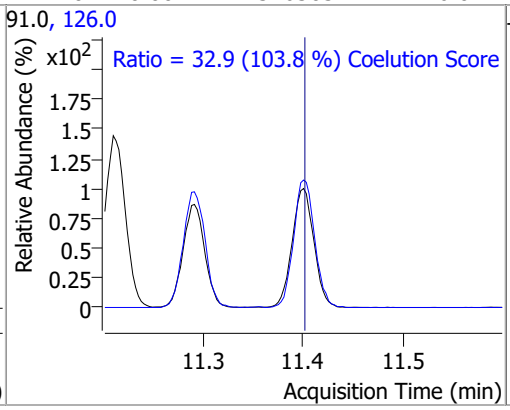


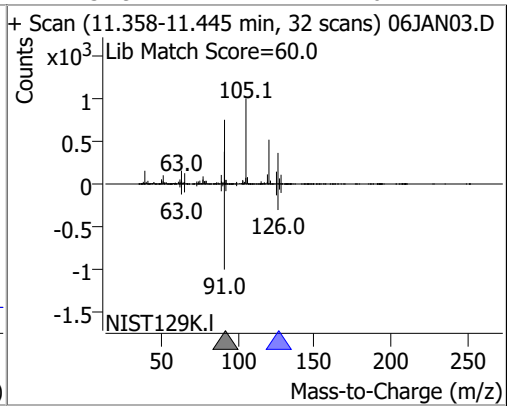




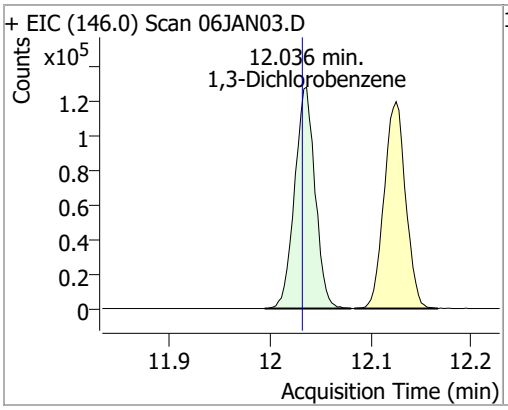
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	123.5714	11.40	0.00	326303	126.0	32.9	1.7	61.7

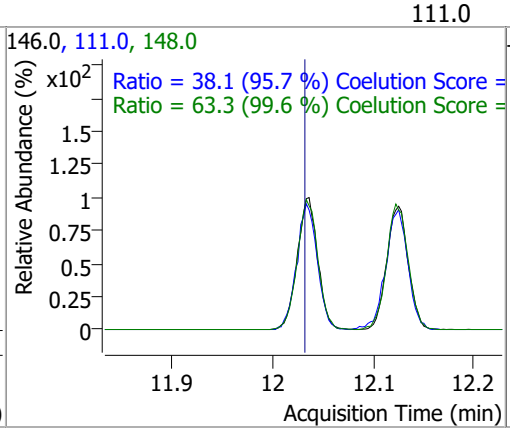


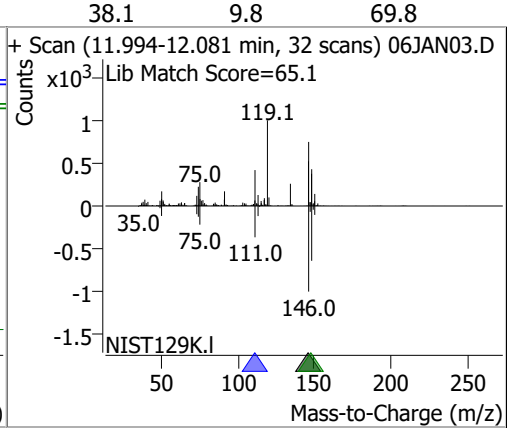




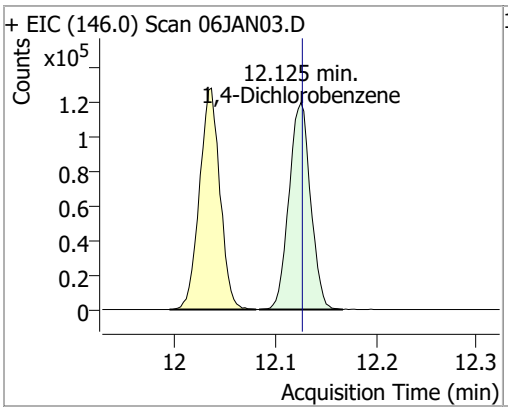
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	121.4650	12.04	0.01	180315	148.0	63.3	33.6	93.6
					111.0	38.1	9.8	69.8

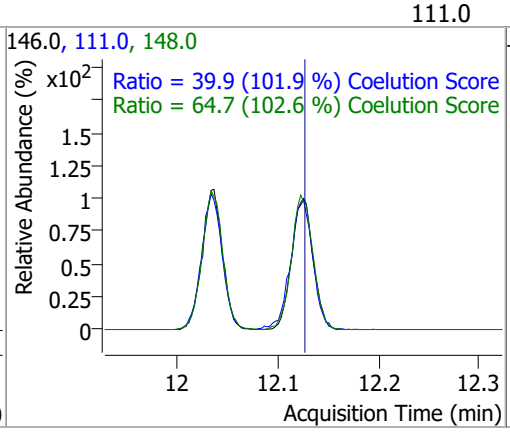


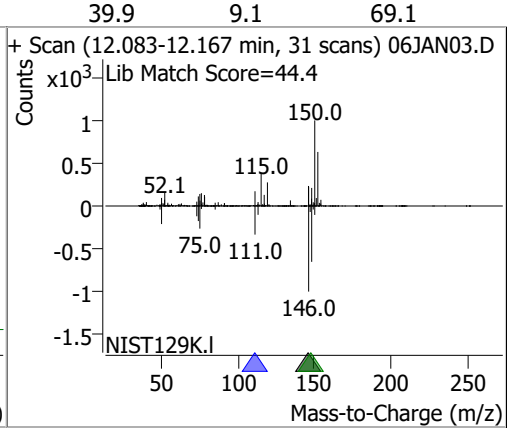




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	117.5897	12.13	0.00	177992	148.0	64.7	33.1	93.1
					111.0	39.9	9.1	69.1

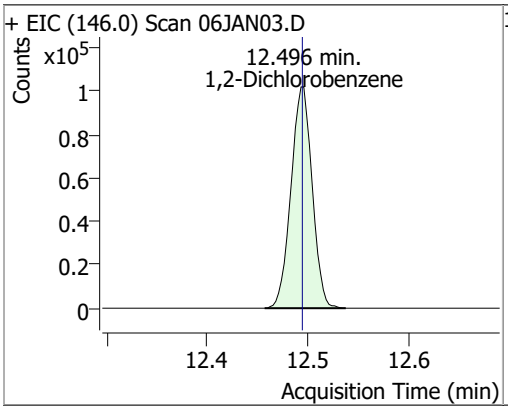


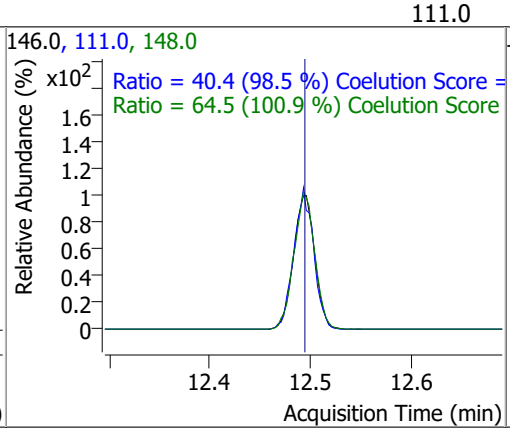


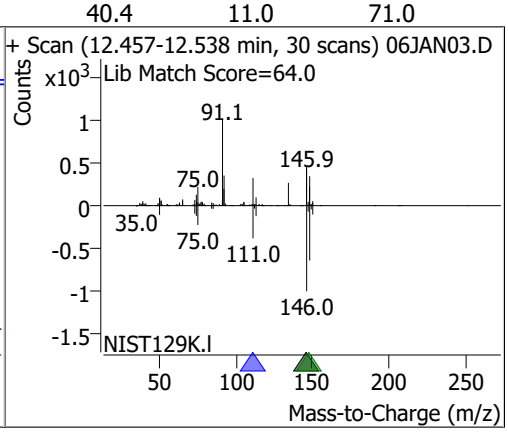


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	119.1447	12.50	0.00	149477	148.0	64.5	33.9	93.9
					111.0	40.4	11.0	71.0







Quantitation Results Report (QT Reviewed)

Data File	06JAN04.D	Operator	MSC
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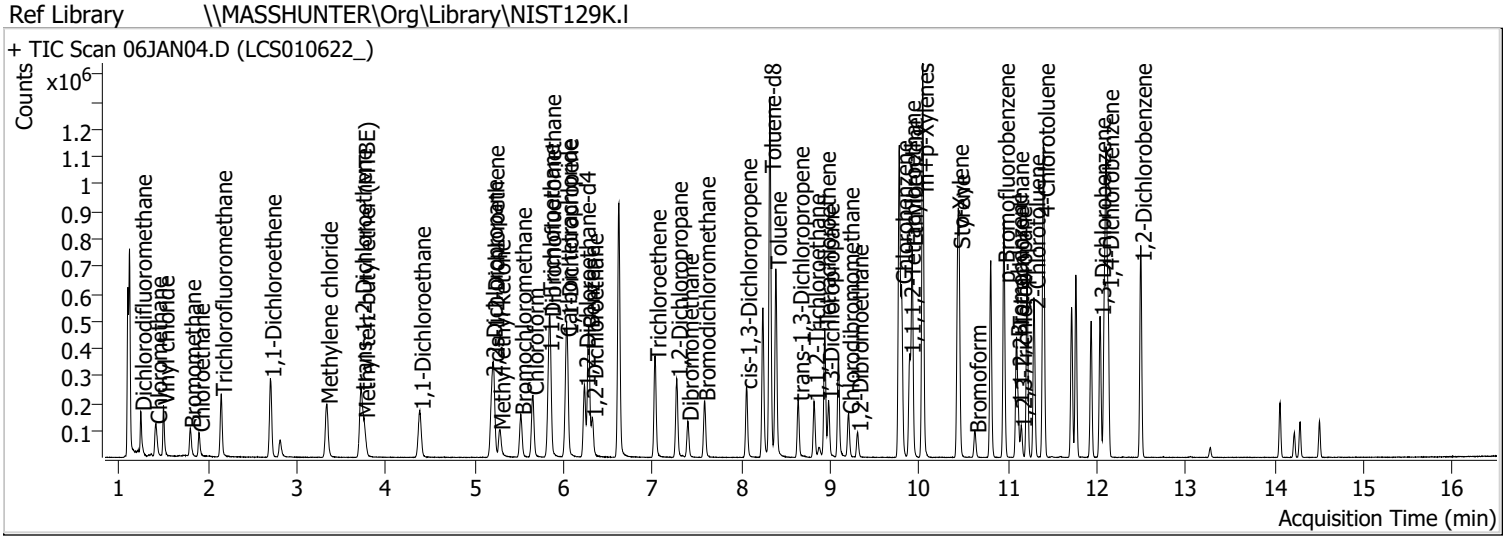
Sample Name	LCS010622_	Instrument	VOA5975C
Vial	4	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

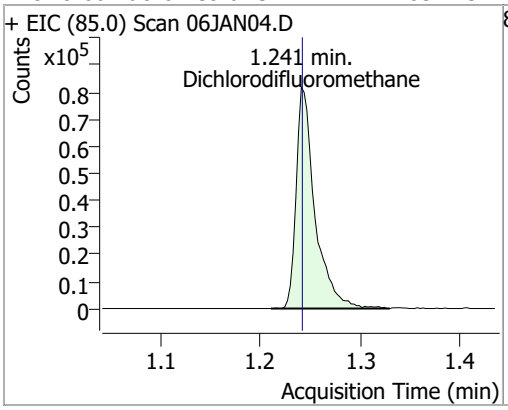


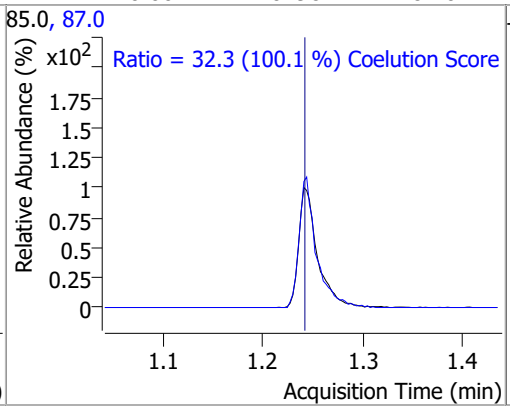
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	794508	250.0000	ng	-0.003
M Chlorobenzene-d5	9.774	82.0	312771	250.0000	ng	0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	255922	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	210733	281.5377	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 112.62%		
S 1,2-Dichloroethane-d4	6.236	67.0	93562	289.3959	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 115.76%		
S Toluene-d8	8.321	98.0	809154	268.4633	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.39%		
S p-Bromofluorobenzene	10.951	95.0	247888	264.3931	ng	-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.76%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	107987	103.7191	ng	100
T Chloromethane	1.414	50.0	138673	109.7358	ng	100
T Vinyl chloride	1.498	62.0	133652	117.5393	ng	97
T Bromomethane	1.799	96.0	52607	103.4658	ng	97
T Chloroethane	1.896	64.0	61928	110.0115	ng	99
T Trichlorofluoromethane	2.145	101.0	156952	111.2055	ng	98
T 1,1-Dichloroethene	2.700	96.0	103750	129.6405	ng	98
T Methylene chloride	3.335	49.0	145245	123.1143	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	106220	130.0961	ng	98
T Methyl tert-butyl ether (MTBE)	3.754	73.0	138301	131.0481	ng	99
T 1,1-Dichloroethane	4.381	63.0	202513	133.2520	ng	99
T 2,2-Dichloropropane	5.193	77.0	148319	130.2433	ng	100
T cis-1,2-Dichloroethene	5.209	96.0	108541	131.1217	ng	95
T Methyl ethyl ketone	5.279	43.0	143692	1281.5154	ng	100
T Bromochloromethane	5.519	128.0	44616	130.1024	ng	99
T Chloroform	5.653	83.0	182016	120.3419	ng	100

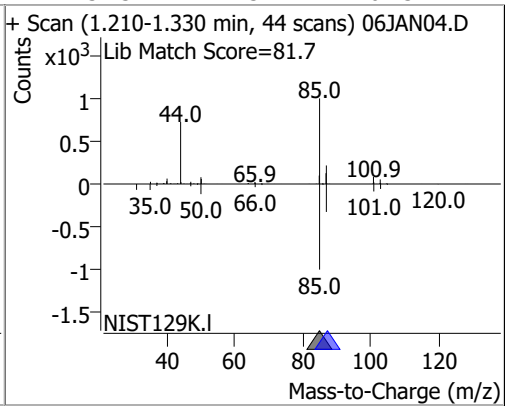
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.828	97.0	172530	121.7191	ng	98
T Carbon tetrachloride	6.026	117.0	164577	117.8446	ng	98
T 1,1-Dichloropropene	6.040	75.0	140476	116.5587	ng	98
T Benzene	6.283	78.0	397378	125.6181	ng	99
T 1,2-Dichloroethane	6.322	62.0	105596	123.3921	ng	97
T Trichloroethene	7.030	95.0	117438	124.5000	ng	98
T 1,2-Dichloropropane	7.270	63.0	100588	121.2281	ng	99
T Dibromomethane	7.396	93.0	43498	124.0534	ng	97
T Bromodichloromethane	7.582	83.0	124846	129.0144	ng	99
T cis-1,3-Dichloropropene	8.054	75.0	130691	119.4505	ng	99
T Toluene	8.386	92.0	255596	125.5402	ng	99
T trans-1,3-Dichloropropene	8.639	75.0	101037	129.7340	ng	98
T 1,1,2-Trichloroethane	8.818	83.0	50344	124.1050	ng	98
T Tetrachloroethene	8.935	163.8	99456	119.7394	ng	98
T 1,3-Dichloropropane	8.980	76.0	99142	124.2516	ng	99
T Chlorodibromomethane	9.203	129.0	78705	124.1412	ng	99
T 1,2-Dibromoethane	9.306	107.0	56004	126.2624	ng	99
T Chlorobenzene	9.799	112.0	280655	125.9108	ng	100
T 1,1,1,2-Tetrachloroethane	9.891	131.0	94743	121.5936	ng	98
T Ethylbenzene	9.919	91.0	472743	122.2876	ng	100
T m+p-Xylenes	10.039	106.0	370632	246.7076	ng	99
T o-Xylene	10.432	106.0	171172	127.9885	ng	98
T Styrene	10.449	104.0	279465	129.7876	ng	99
T Bromoform	10.630	172.5	43411	132.5553	ng	99
T Bromobenzene	11.093	156.0	109659	132.4015	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	61754	129.5436	ng	99
T 1,2,3-Trichloropropane	11.144	110.0	15440	121.0479	ng	100
T 2-Chlorotoluene	11.294	126.0	106367	129.0725	ng	99
T 4-Chlorotoluene	11.400	91.0	355841	132.4359	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	197240	130.5771	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	194358	126.1897	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	163482	128.0629	ng	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

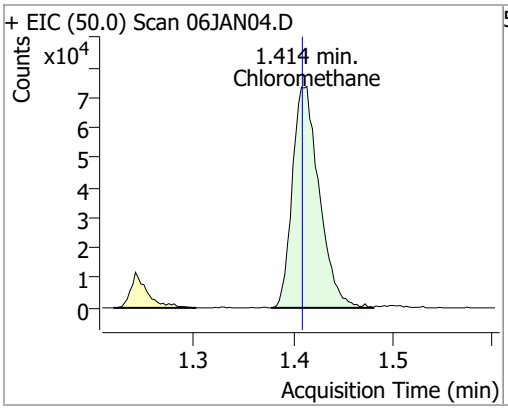
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	103.7191	1.24	0.00	107987	87.0	32.3	2.3	62.3

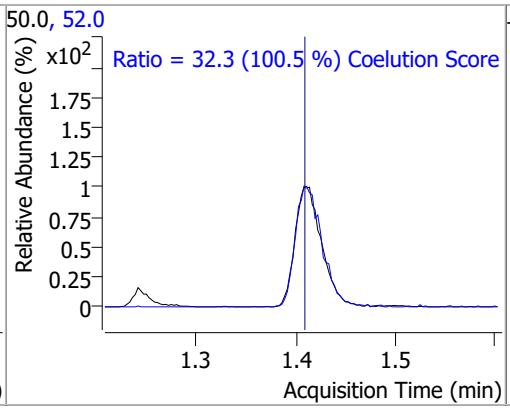


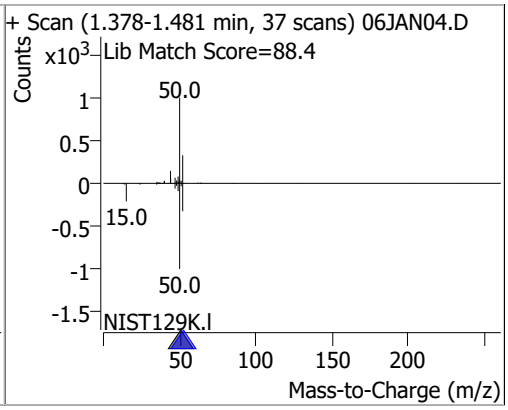




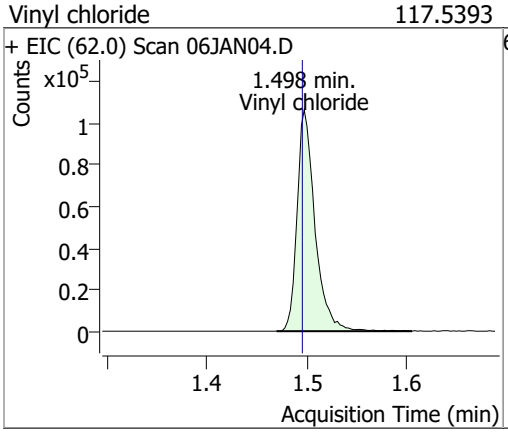
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	109.7358	1.41	0.01	138673	52.0	32.3	2.1	62.1

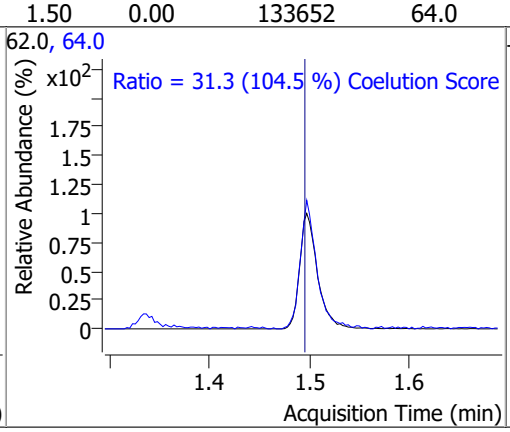


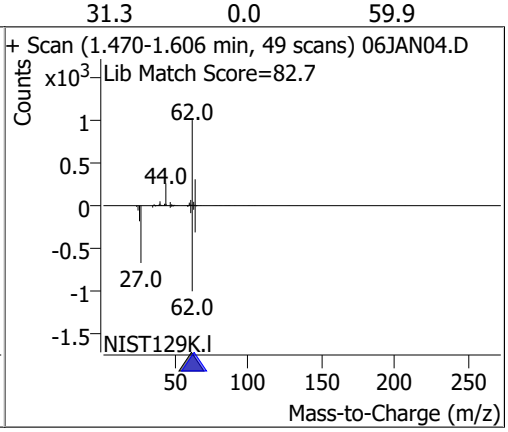




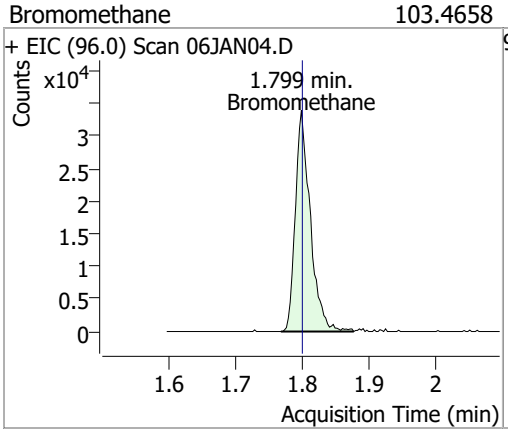
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	117.5393	1.50	0.00	133652	64.0	31.3	0.0	59.9

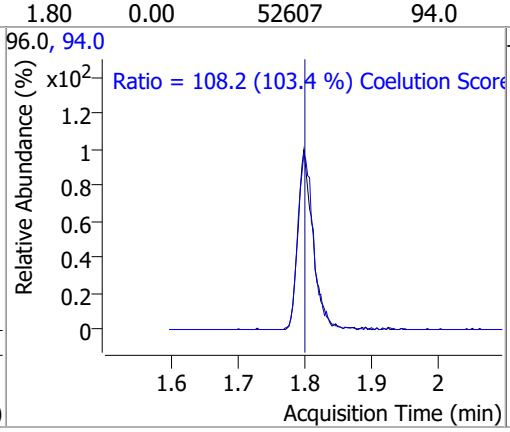


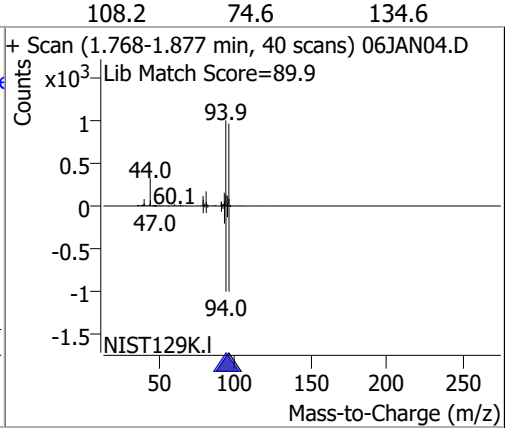




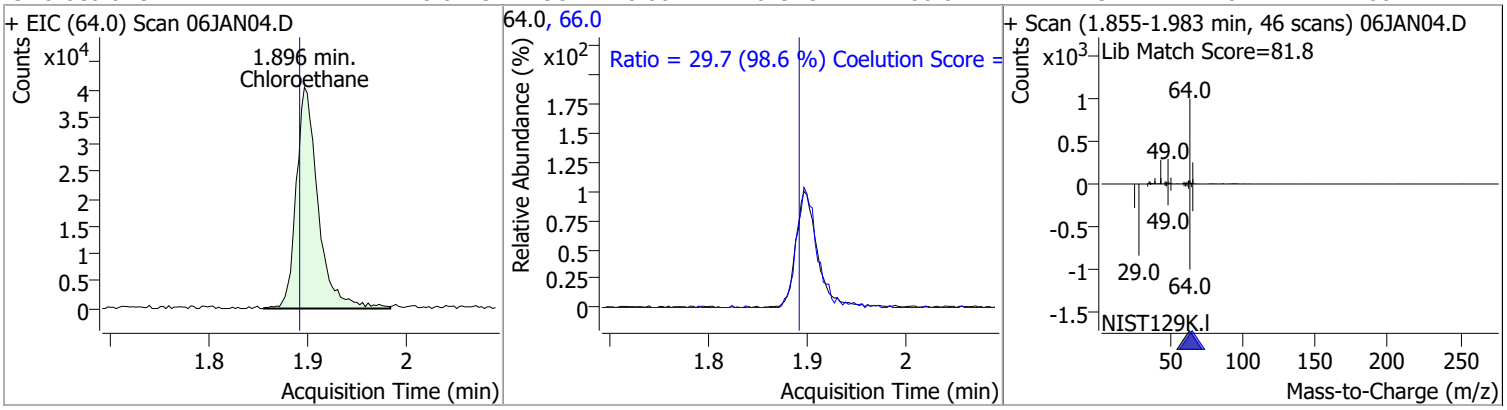
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	103.4658	1.80	0.00	52607	94.0	108.2	74.6	134.6



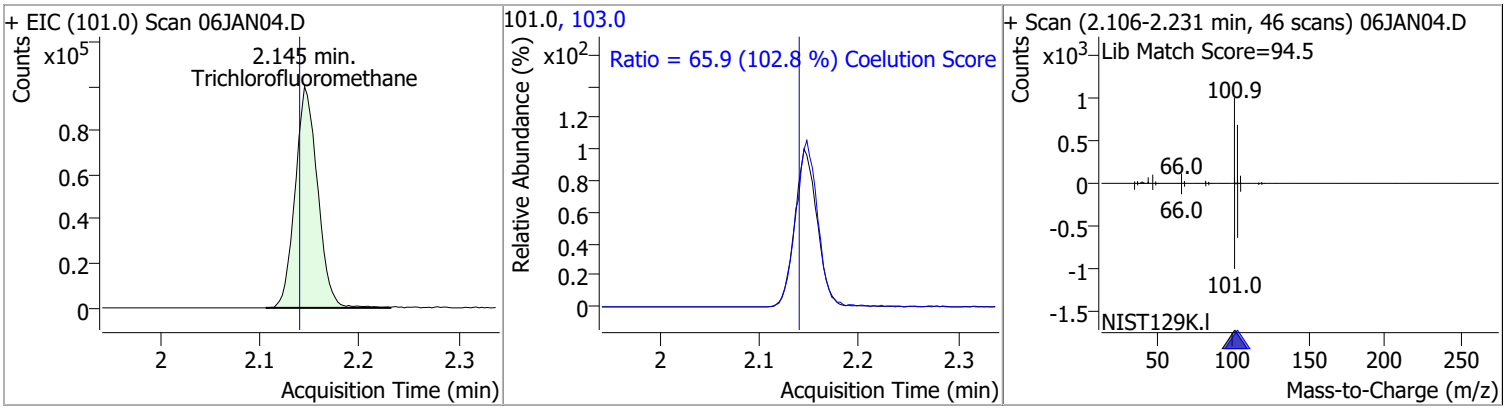




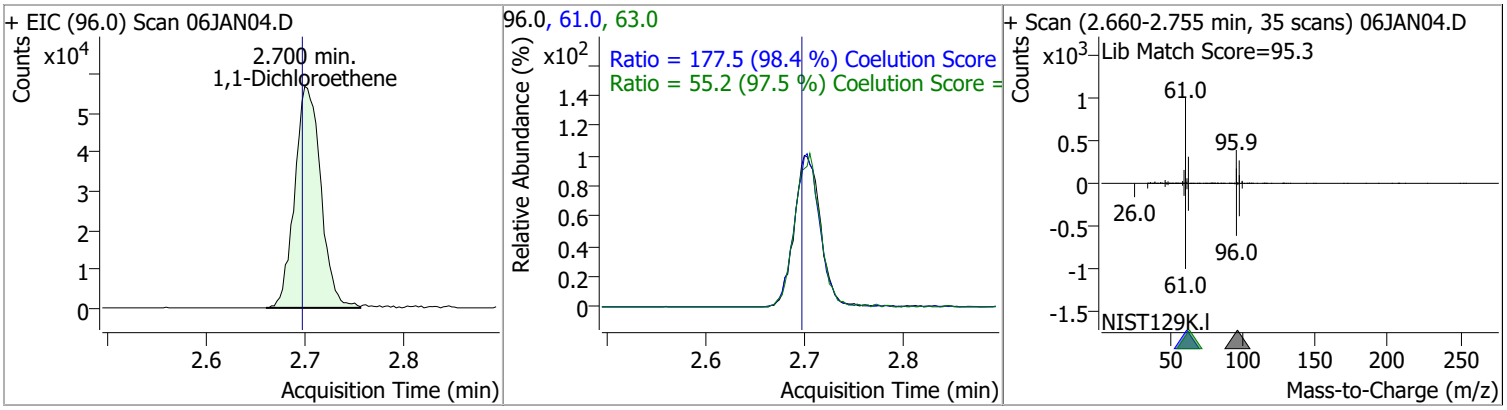
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	110.0115	1.90	0.00	61928	66.0	29.7	0.1	60.1



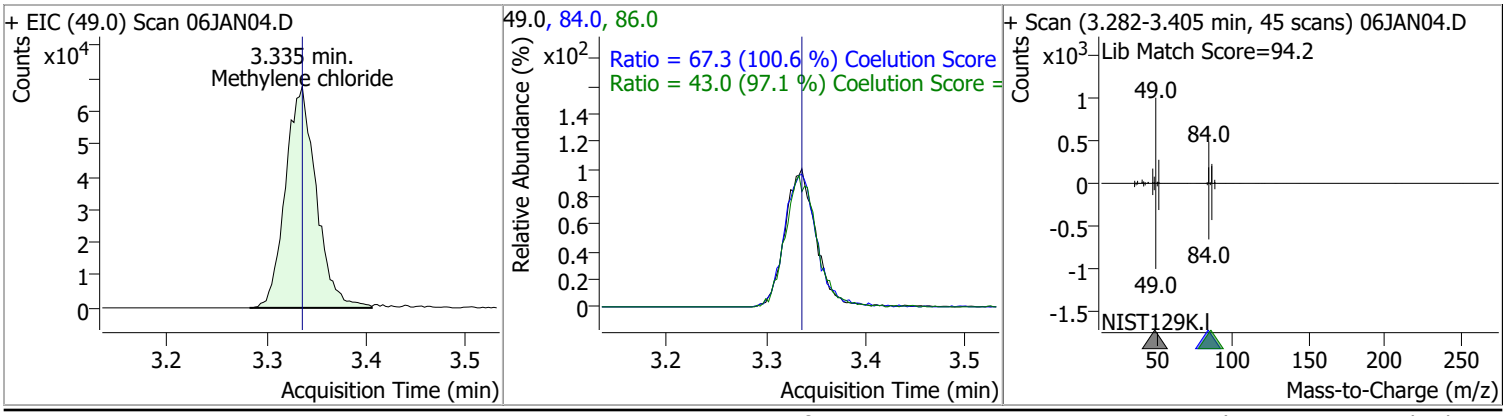
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	111.2055	2.14	0.00	156952	103.0	65.9	34.2	94.2



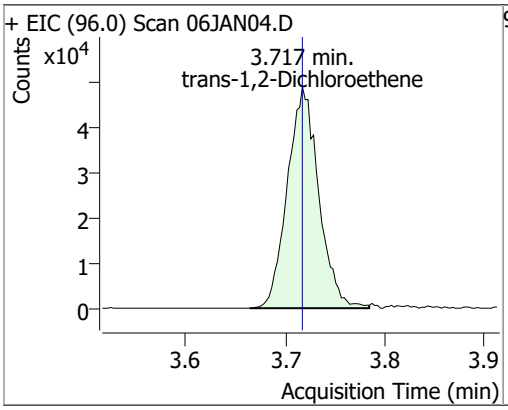
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	129.6405	2.70	0.00	103750	61.0	177.5	150.3	210.3
					63.0	55.2	26.7	86.7

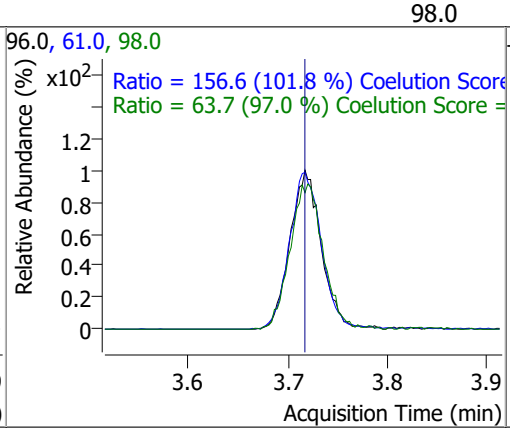


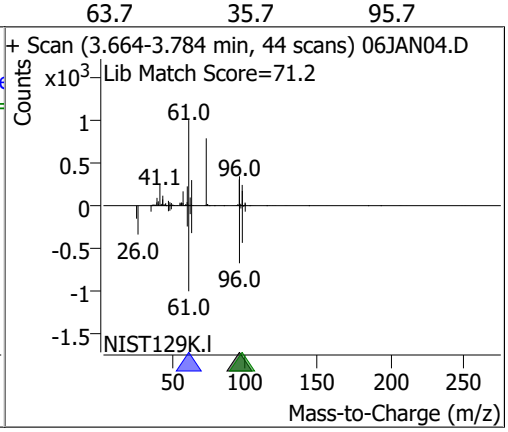
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	123.1143	3.34	0.00	145245	84.0	67.3	36.9	96.9
					86.0	43.0	14.3	74.3



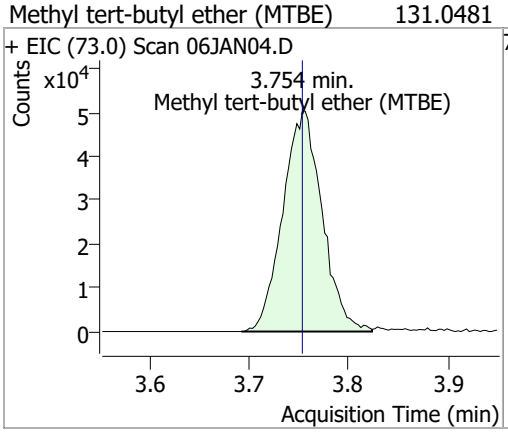
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	130.0961	3.72	0.00	106220	61.0	156.6	123.9	183.9
					98.0	63.7	35.7	95.7

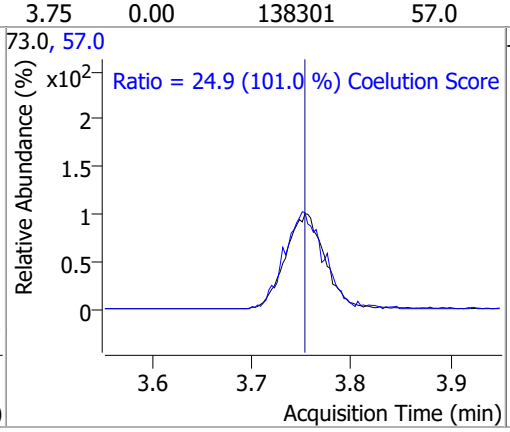


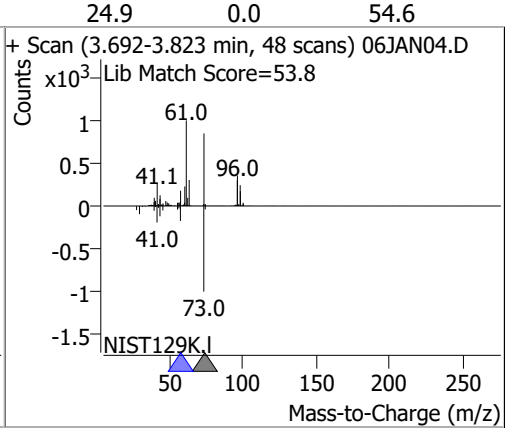




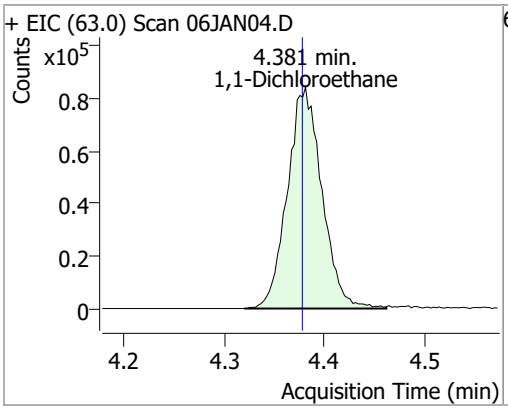
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	131.0481	3.75	0.00	138301	57.0	24.9	0.0	54.6

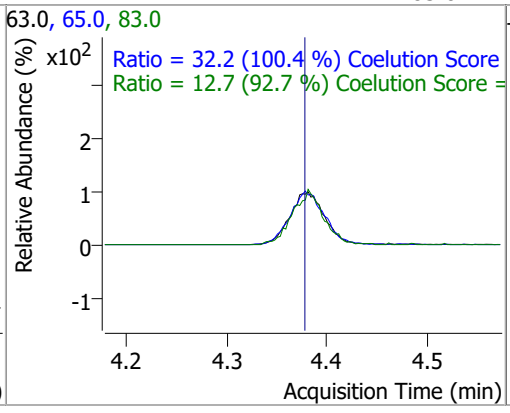


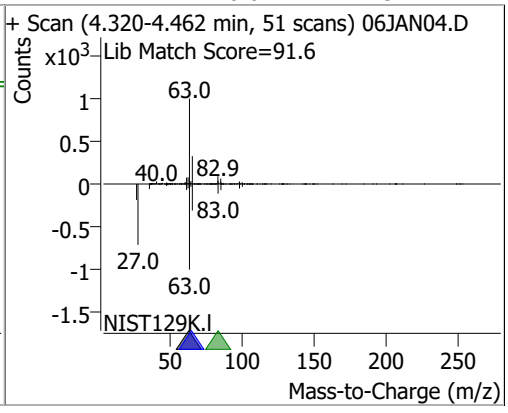




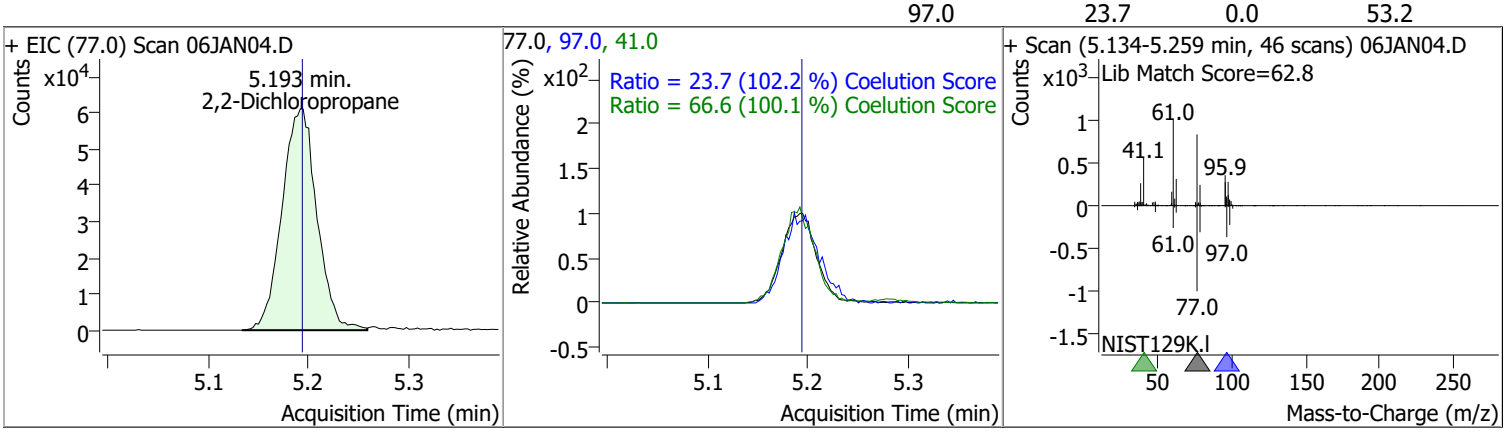
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	133.2520	4.38	0.00	202513	65.0	32.2	2.1	62.1
					83.0	12.7	0.0	43.7



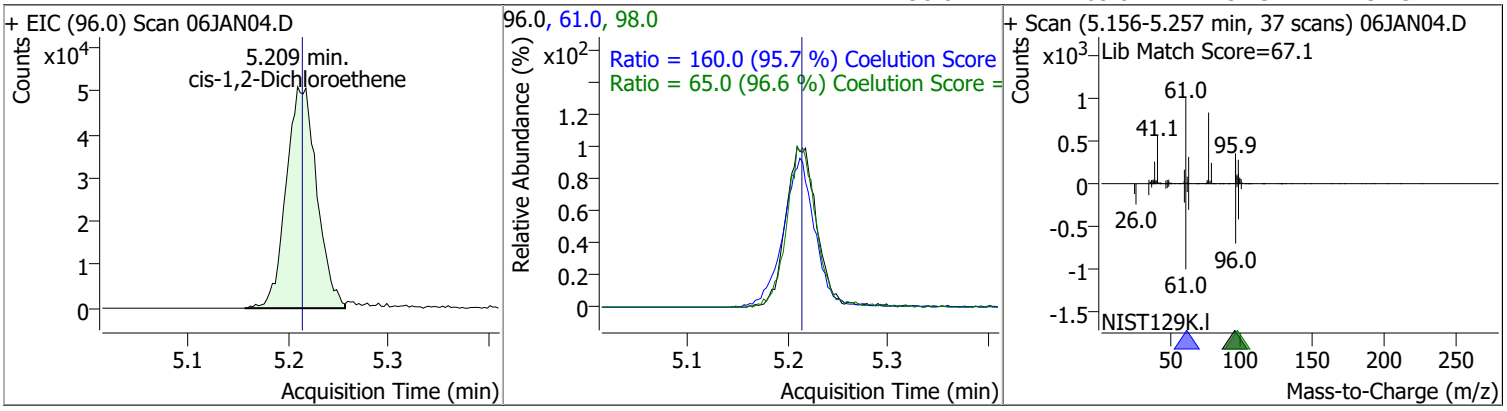




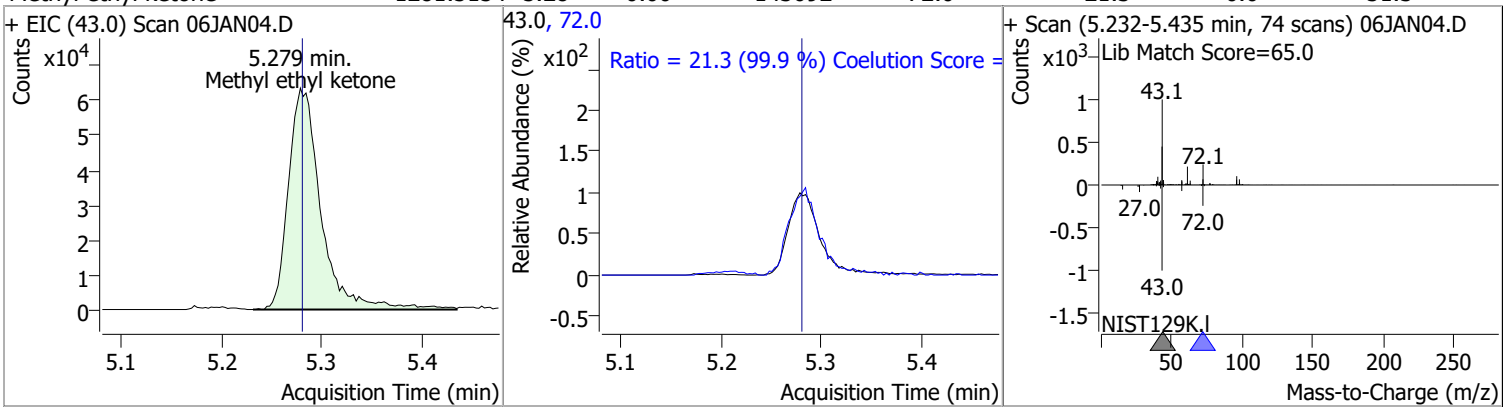
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	130.2433	5.19	0.00	148319	41.0	66.6	36.5	96.5
					97.0	23.7	0.0	53.2



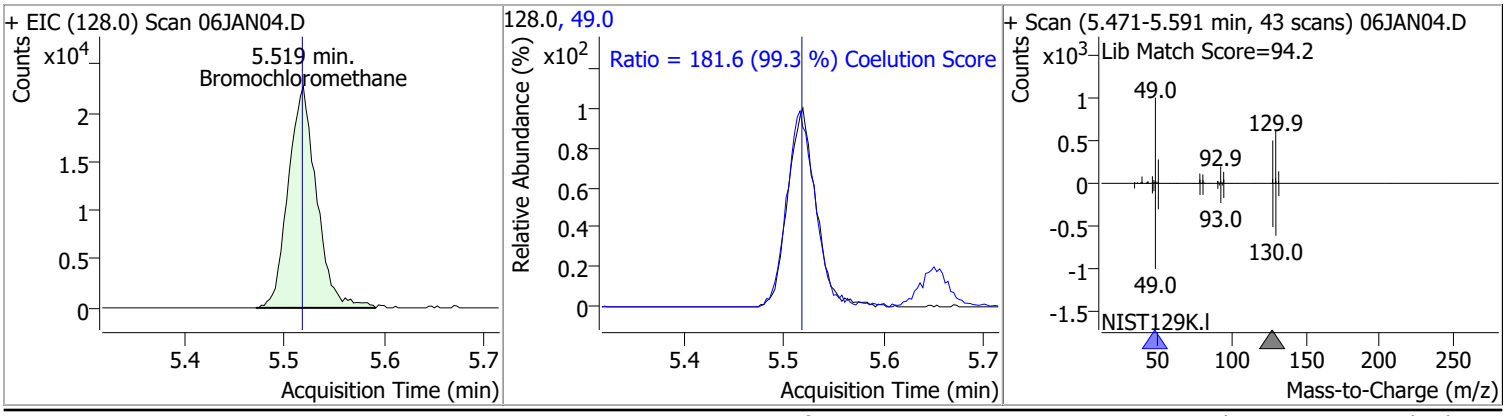
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	131.1217	5.21	-0.01	108541	61.0	160.0	137.2	197.2
					98.0	65.0	37.3	97.3



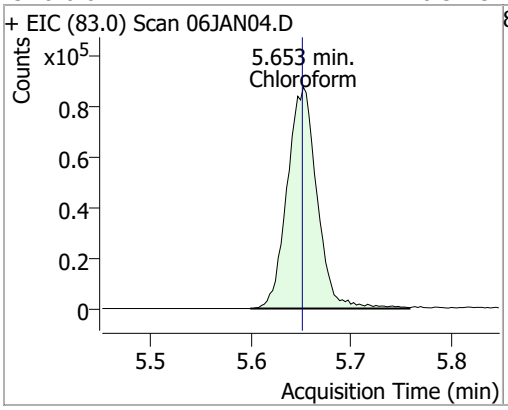
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1281.5154	5.28	0.00	143692	72.0	21.3	0.0	51.3

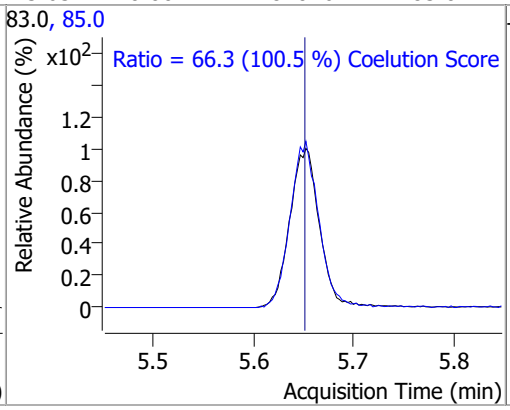


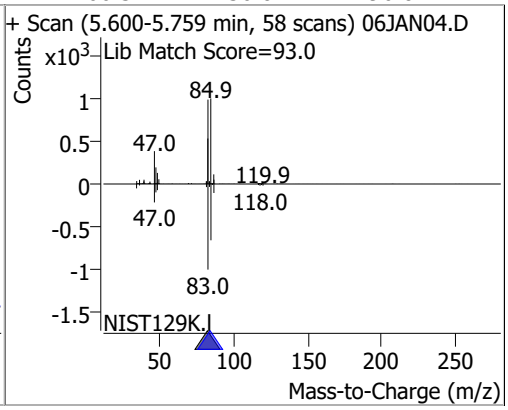
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	130.1024	5.52	0.00	44616	49.0	181.6	152.9	212.9



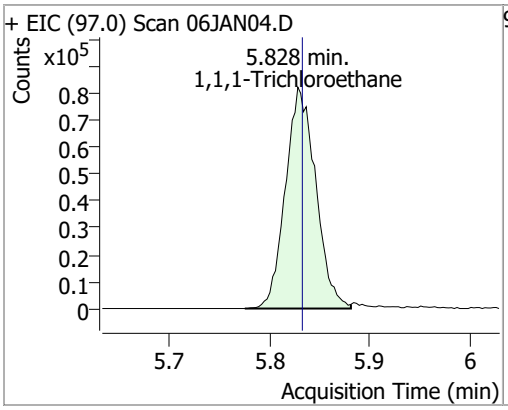
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	120.3419	5.65	0.00	182016	85.0	66.3	36.0	96.0

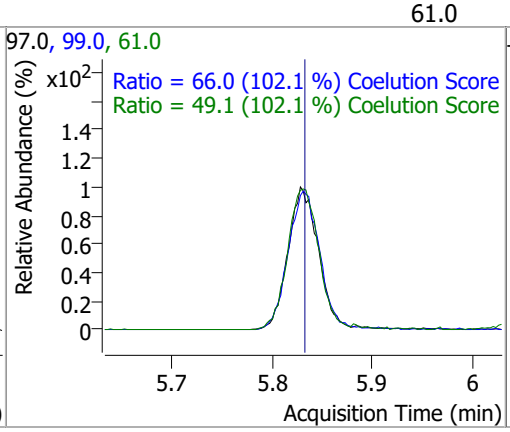


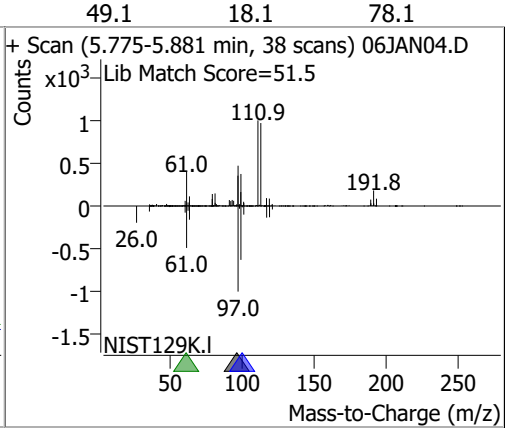




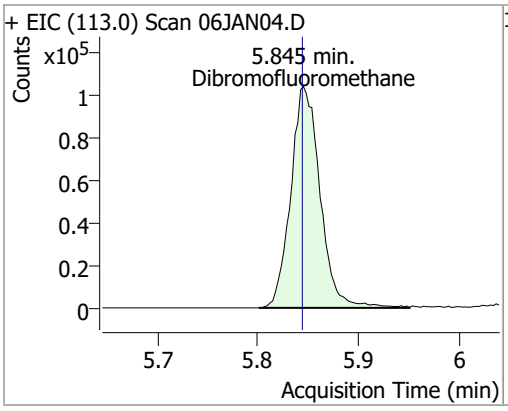
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	121.7191	5.83	-0.01	172530	99.0	66.0	34.7	94.7
					61.0	49.1	18.1	78.1

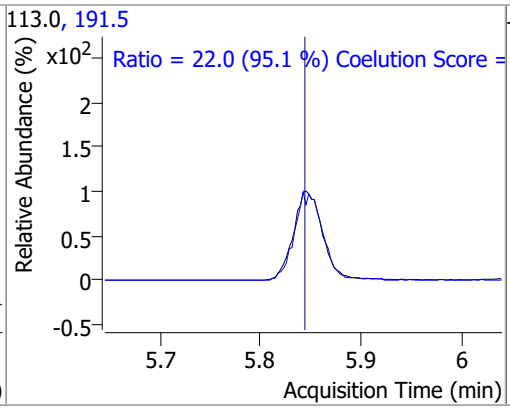


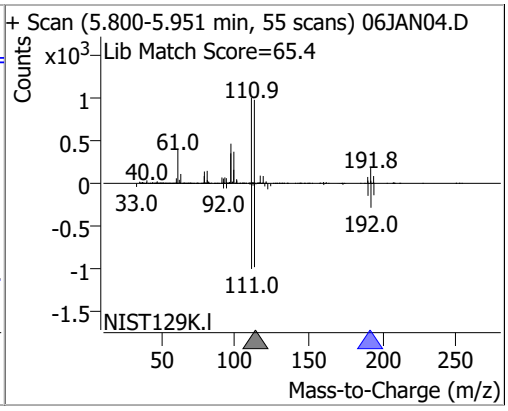




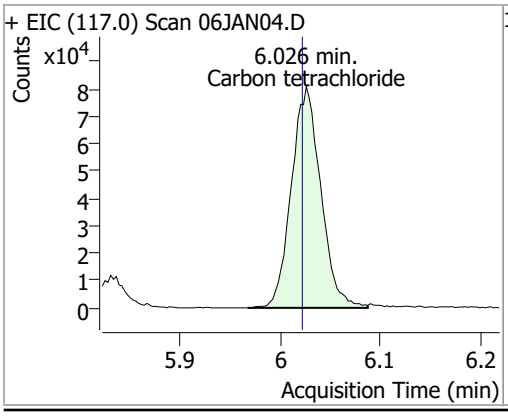
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	281.5377	5.85	0.00	210733	191.5	22.0	0.0	53.1

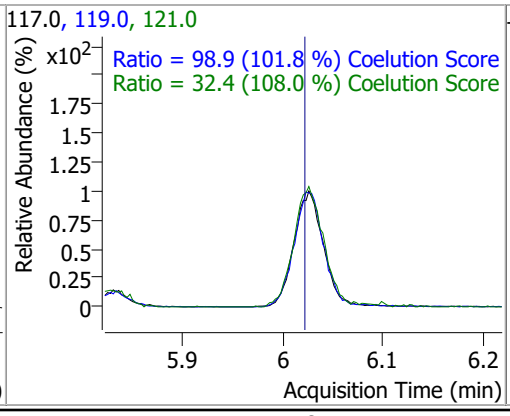


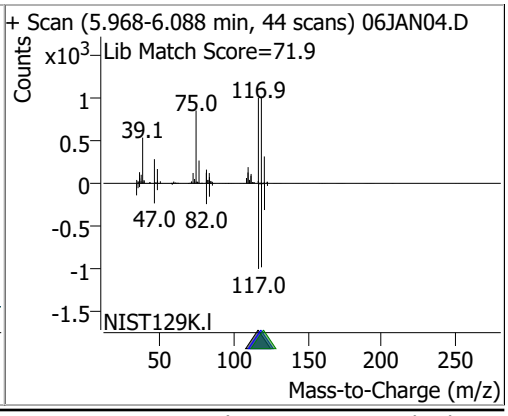




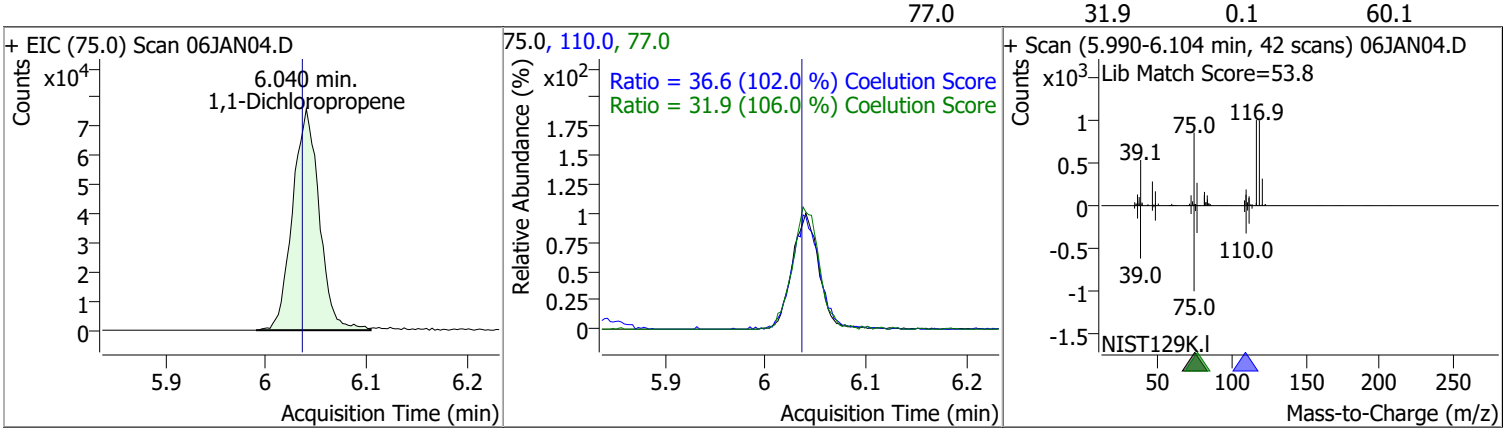
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	117.8446	6.03	0.00	164577	119.0	98.9	67.2	127.2
					121.0	32.4	0.1	60.1



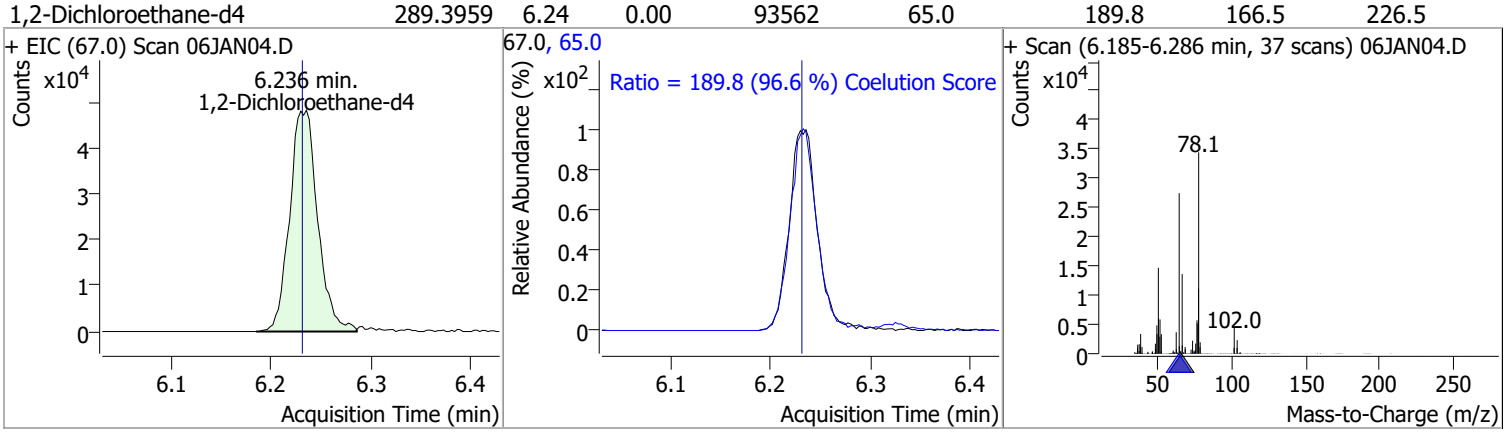




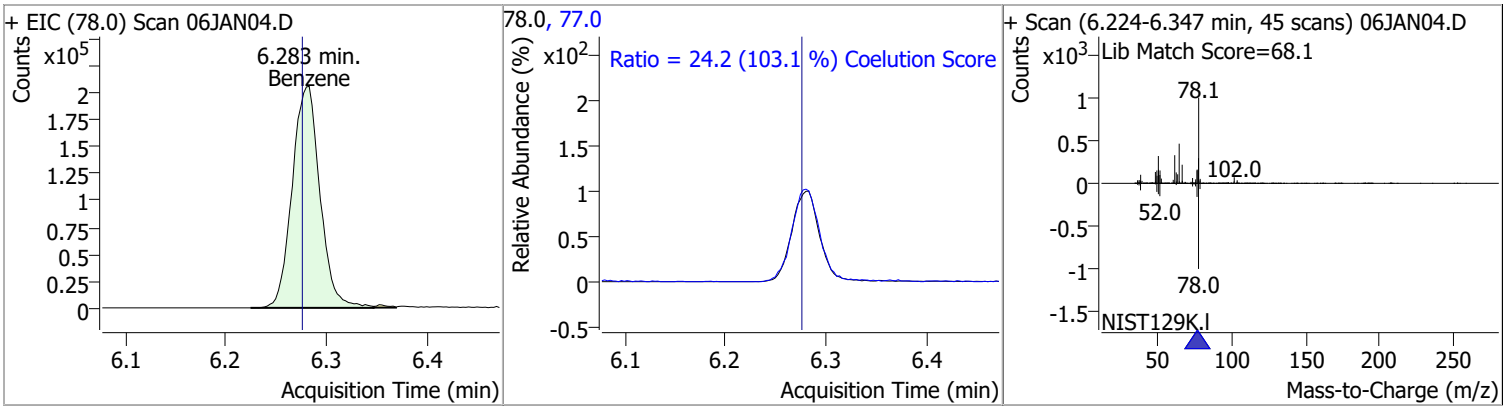
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	116.5587	6.04	0.00	140476	110.0	36.6	5.9	65.9
					77.0	31.9	0.1	60.1



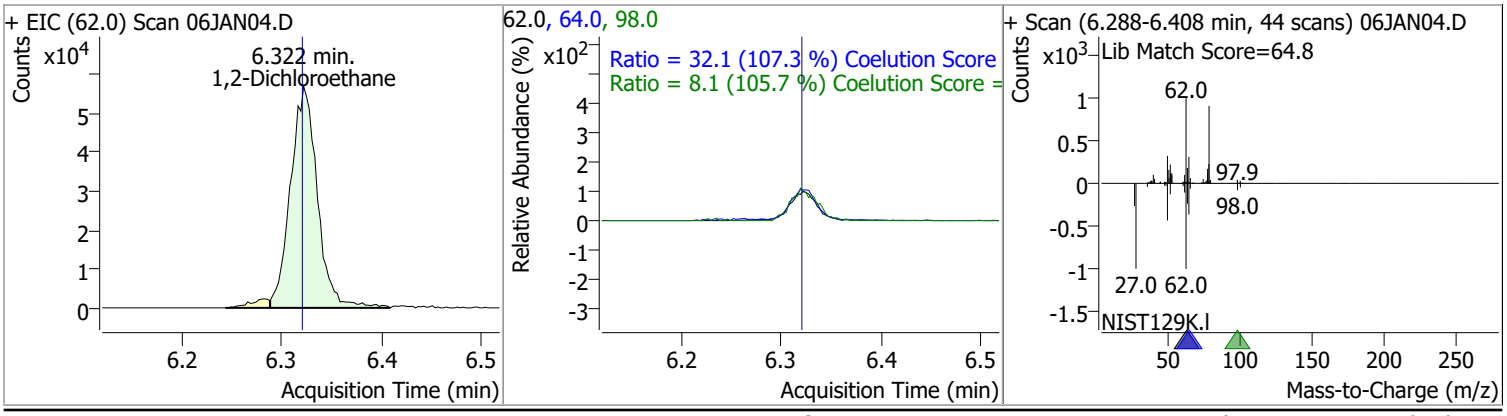
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	289.3959	6.24	0.00	93562	65.0	189.8	166.5	226.5



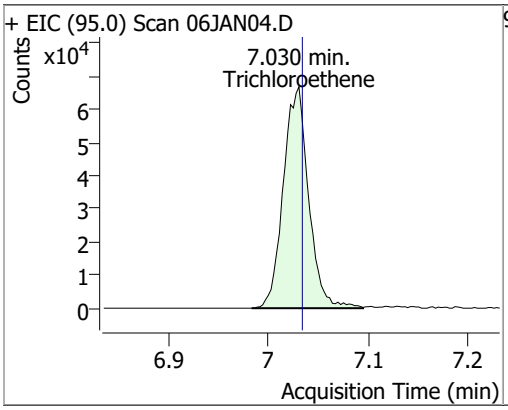
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	125.6181	6.28	0.01	397378	77.0	24.2	0.0	53.5

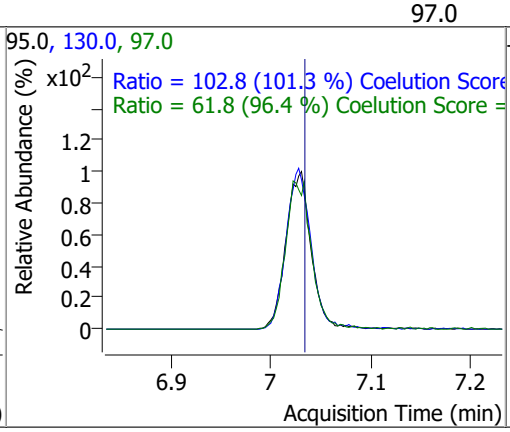


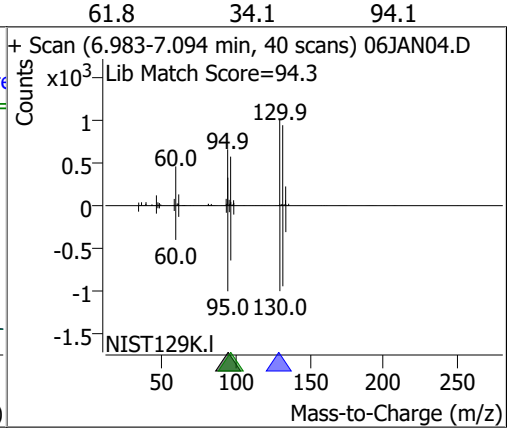
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	123.3921	6.32	0.00	105596	64.0	32.1	0.0	59.9
					98.0	8.1	0.0	37.6



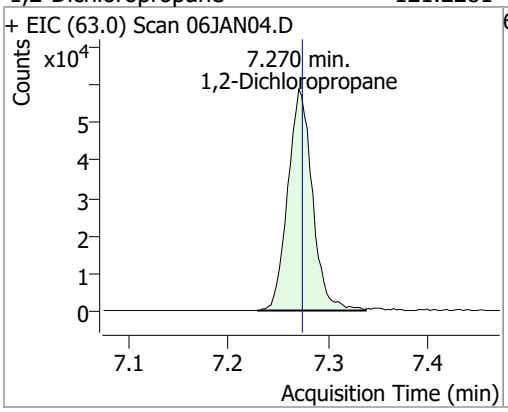
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	124.5000	7.03	0.00	117438	130.0	102.8	71.5	131.5
					97.0	61.8	34.1	94.1

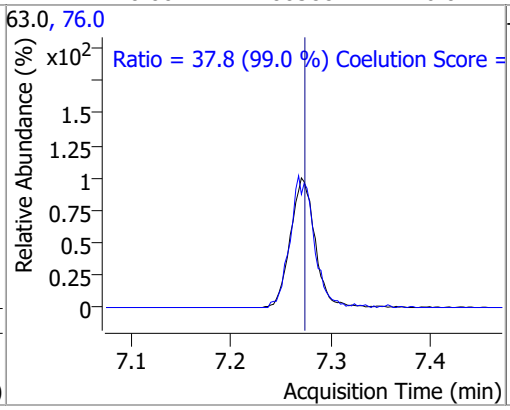


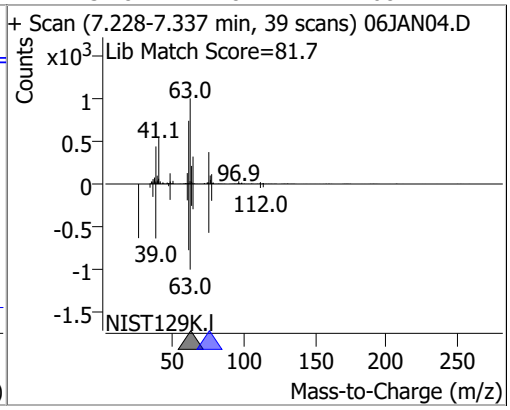




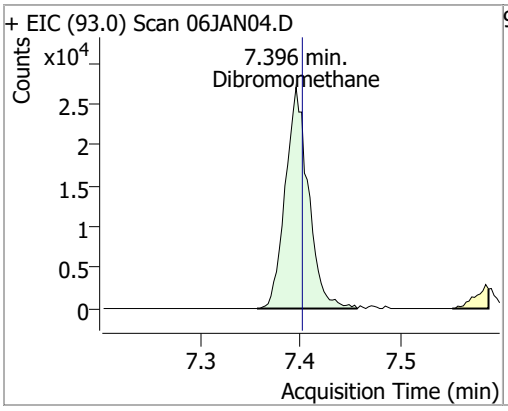
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	121.2281	7.27	0.00	100588	76.0	37.8	8.2	68.2

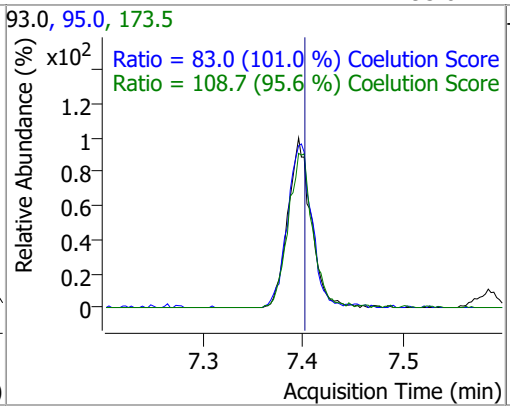


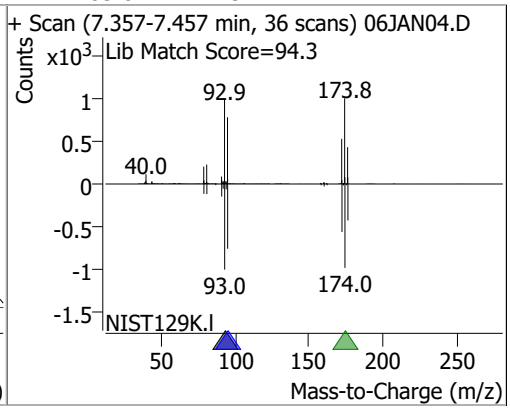




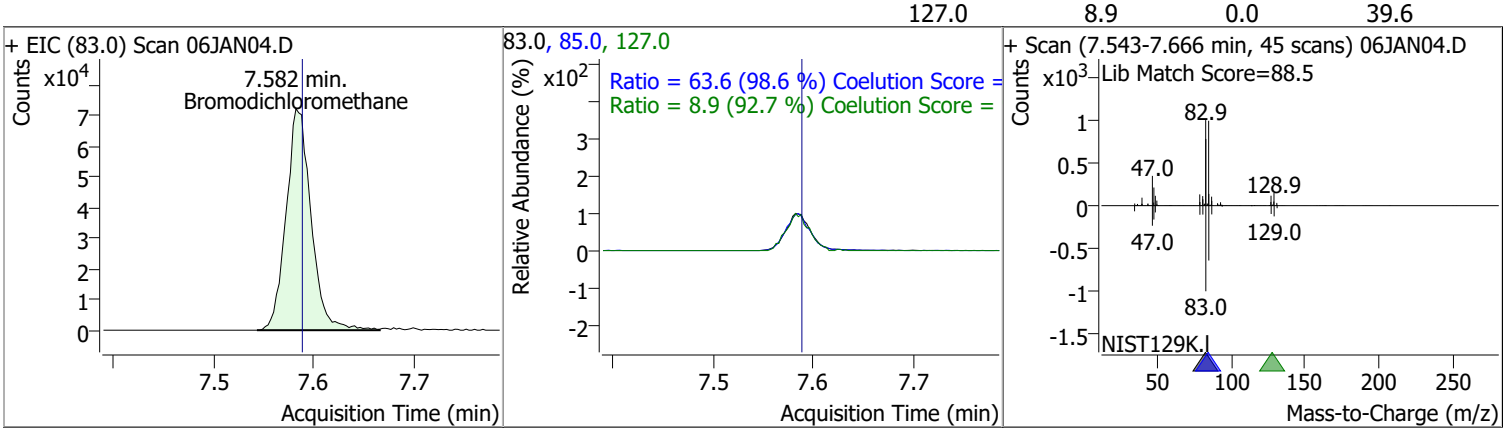
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	124.0534	7.40	0.00	43498	173.5	108.7	83.7	143.7
					95.0	83.0	52.2	112.2



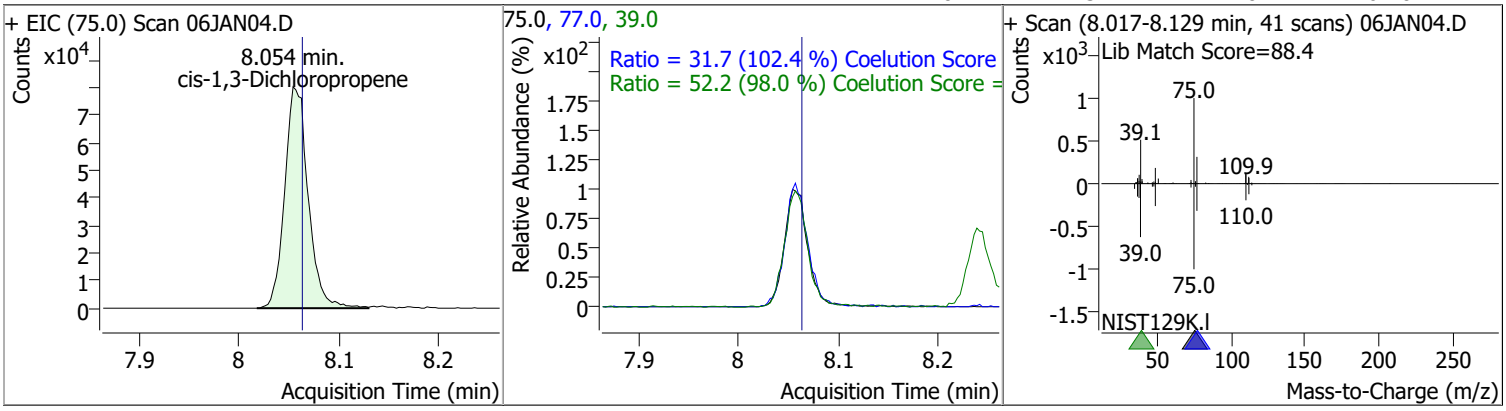




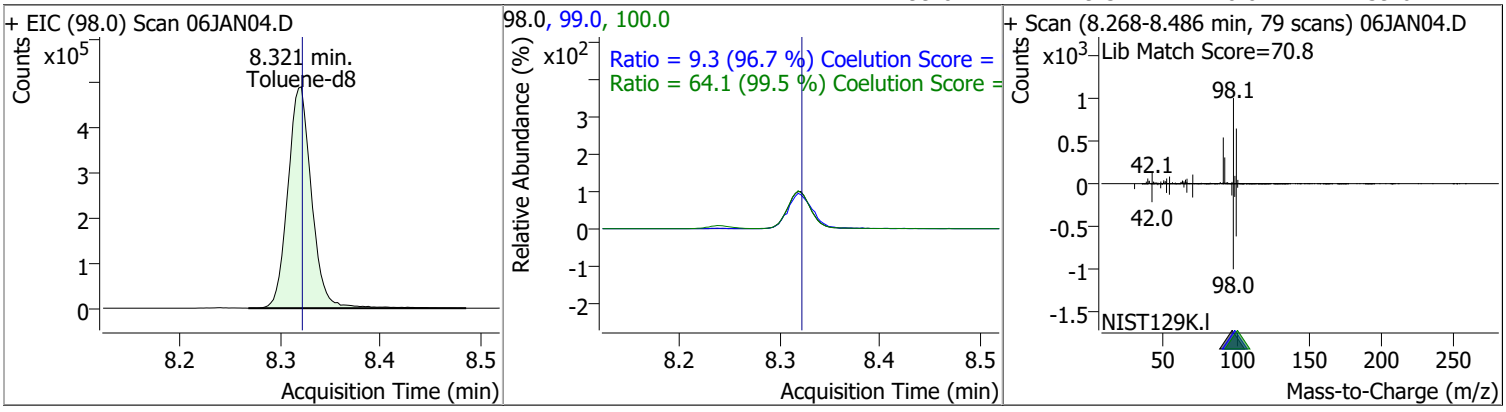
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	129.0144	7.58	0.00	124846	85.0	63.6	34.5	94.5
					127.0	8.9	0.0	39.6



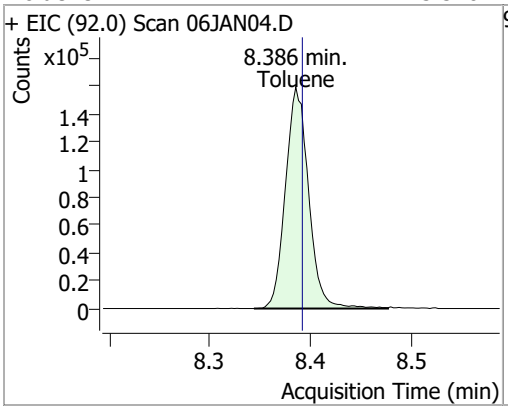
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	119.4505	8.05	-0.01	130691	39.0	52.2	23.3	83.3
					77.0	31.7	1.0	61.0

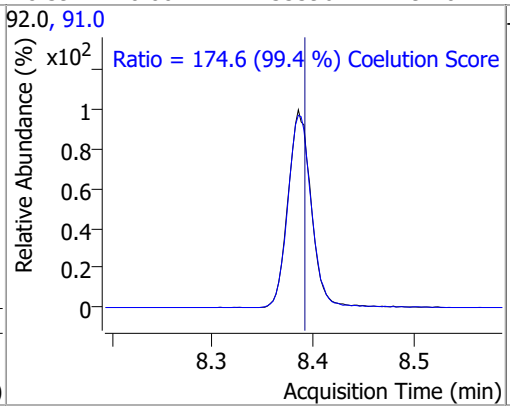


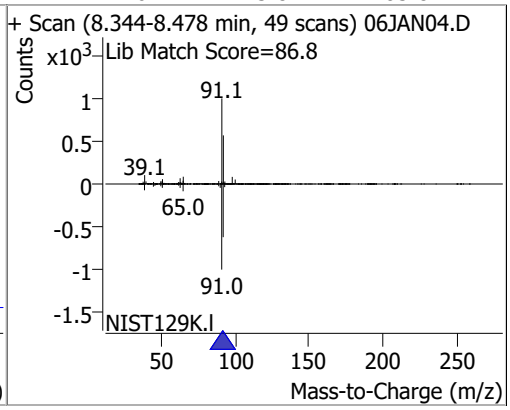
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	268.4633	8.32	0.00	809154	100.0	64.1	34.4	94.4
					99.0	9.3	0.0	39.6



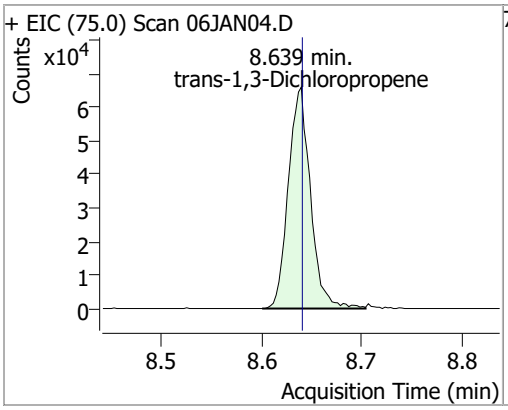
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	125.5402	8.39	0.00	255596	91.0	174.6	145.8	205.8

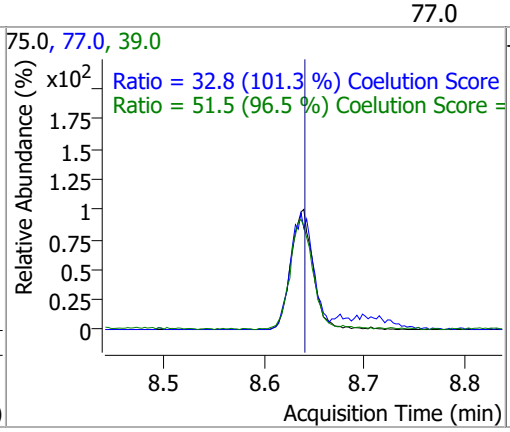


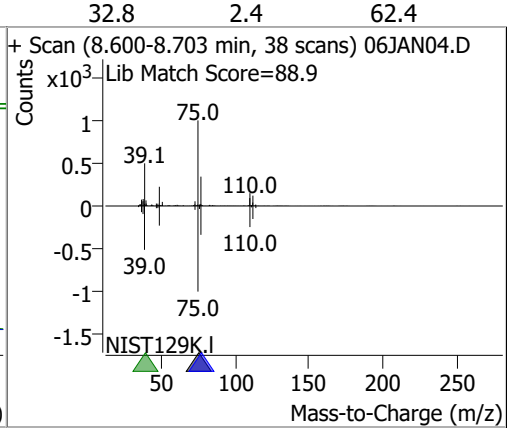




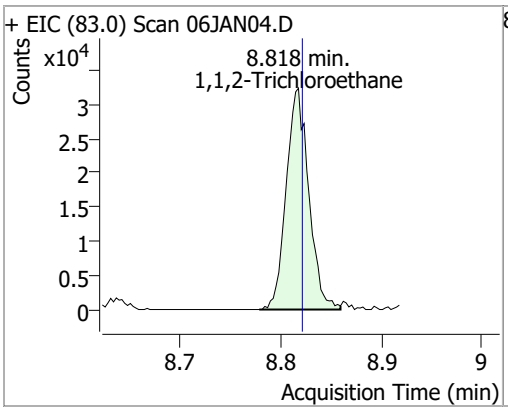
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	129.7340	8.64	0.00	101037	39.0	51.5	23.4	83.4
					77.0	32.8	2.4	62.4

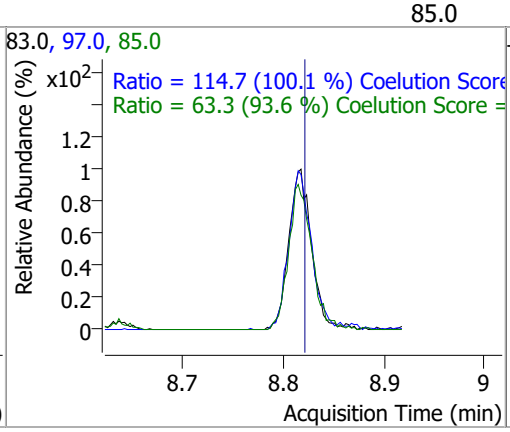


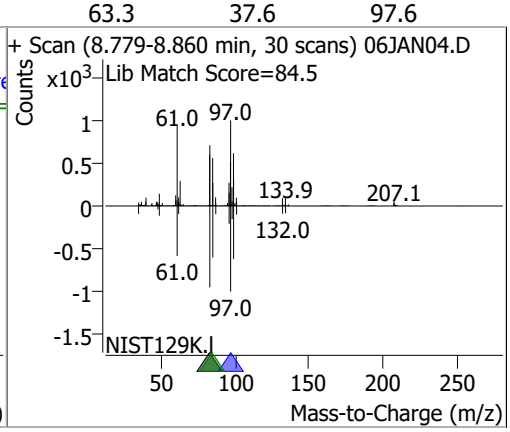




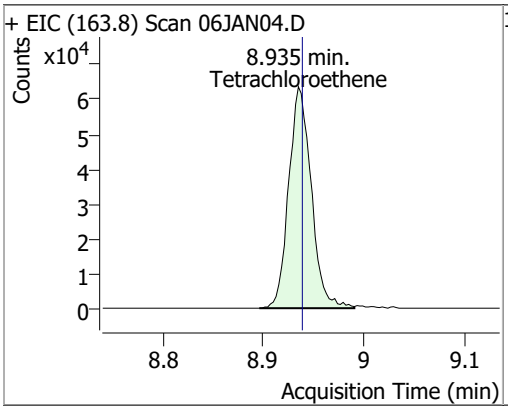
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	124.1050	8.82	0.00	50344	97.0	114.7	84.6	144.6
					85.0	63.3	37.6	97.6

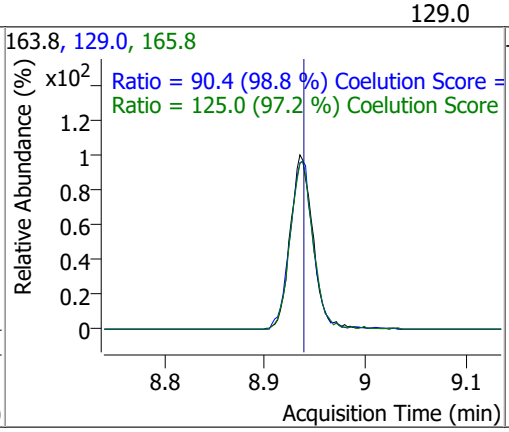


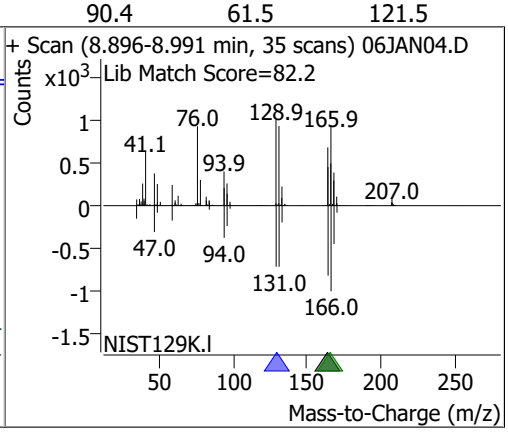




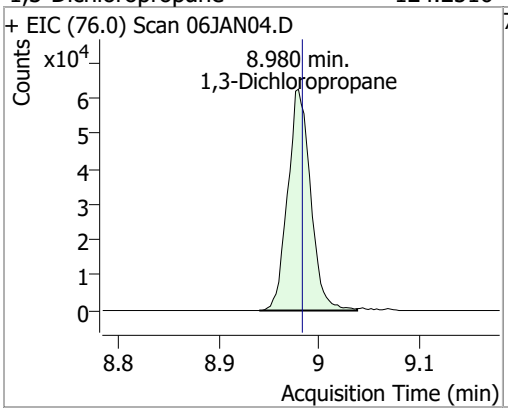
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	119.7394	8.93	0.00	99456	165.8	125.0	98.6	158.6
					129.0	90.4	61.5	121.5

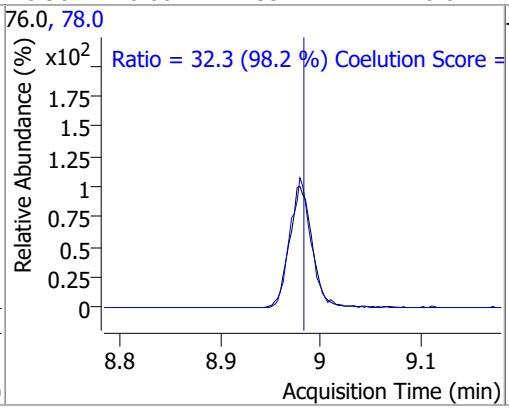


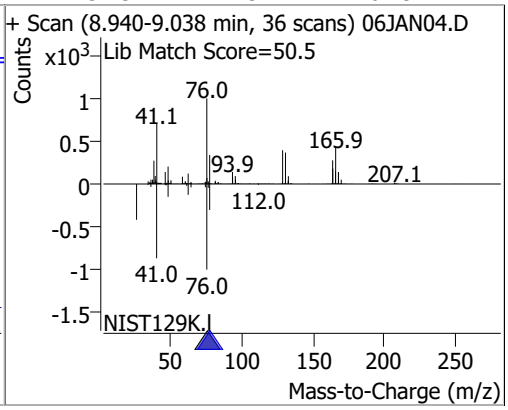




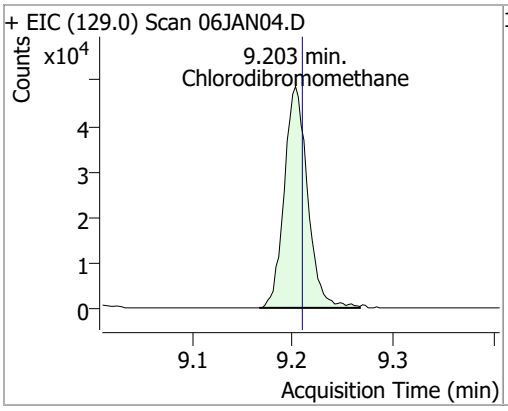
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	124.2516	8.98	0.00	99142	78.0	32.3	2.9	62.9

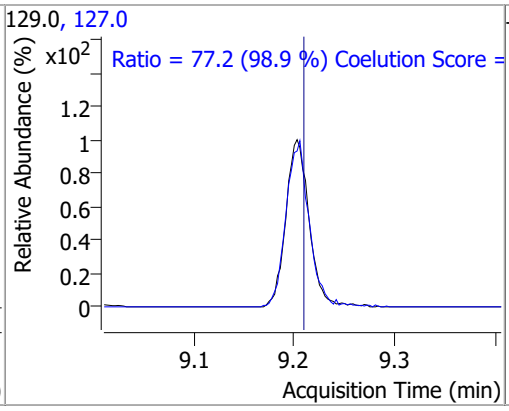


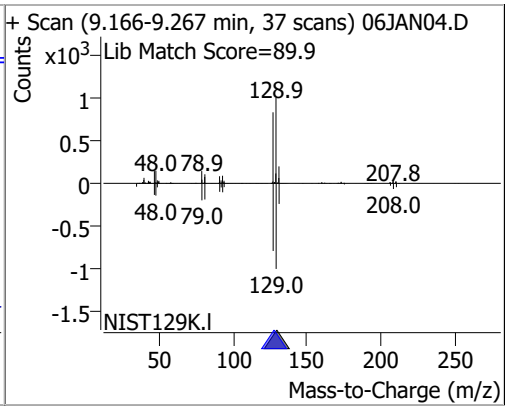




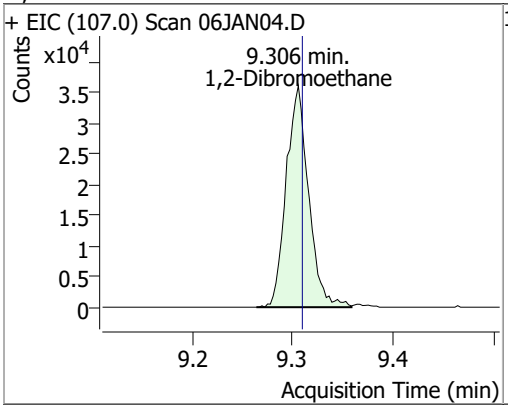
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	124.1412	9.20	0.00	78705	127.0	77.2	48.0	108.0

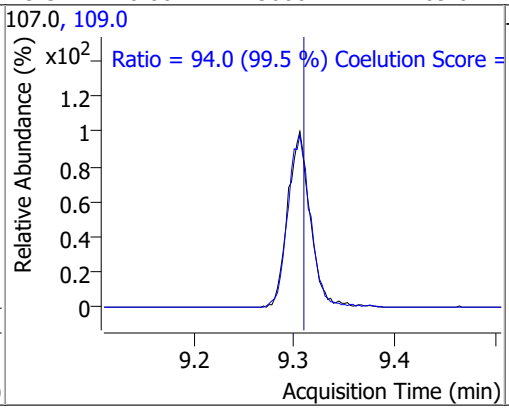


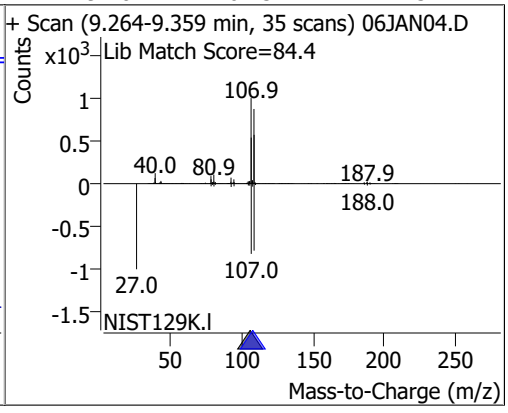




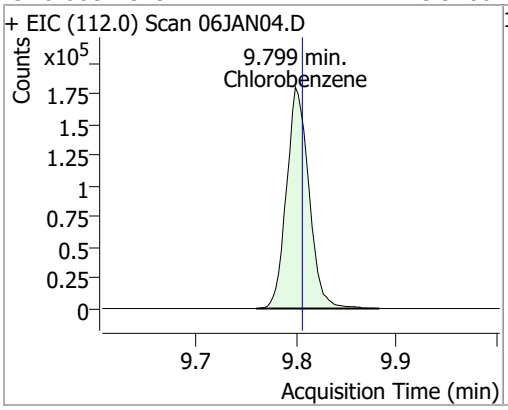
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	126.2624	9.31	0.00	56004	109.0	94.0	64.5	124.5

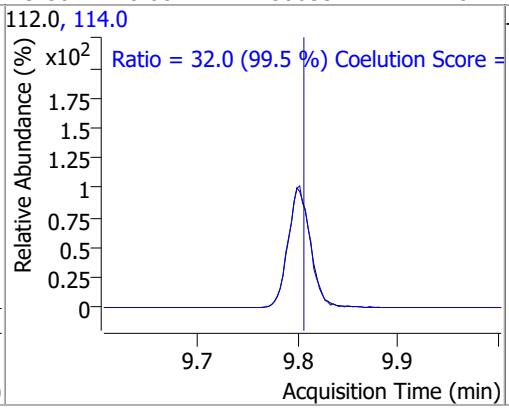


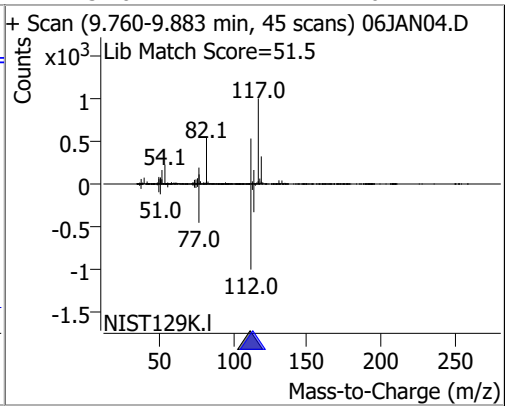




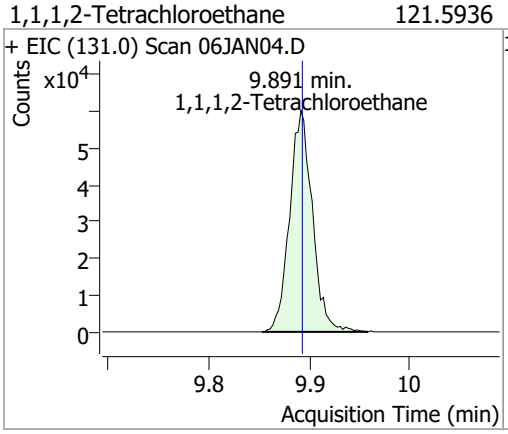
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	125.9108	9.80	0.00	280655	114.0	32.0	2.1	62.1

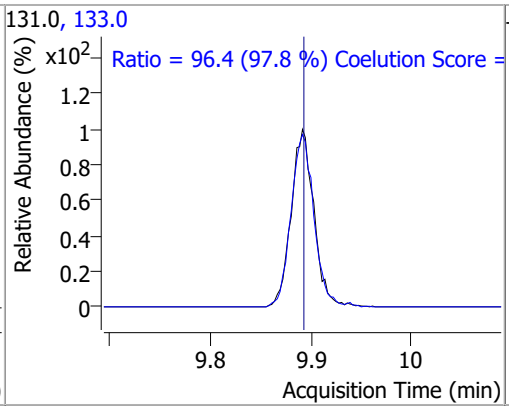


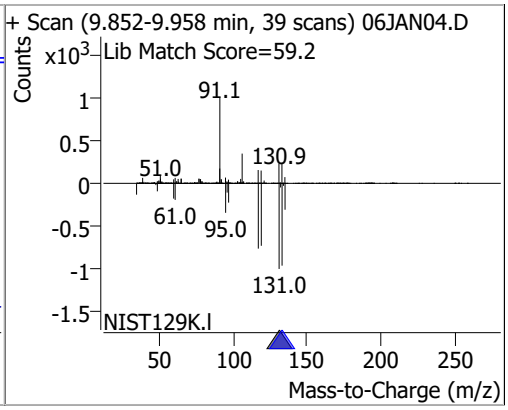




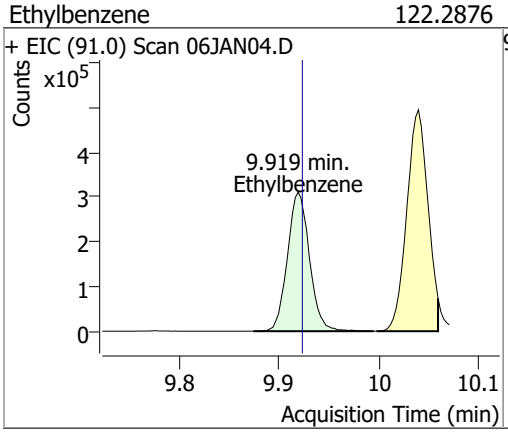
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	121.5936	9.89	0.00	94743	133.0	96.4	68.6	128.6

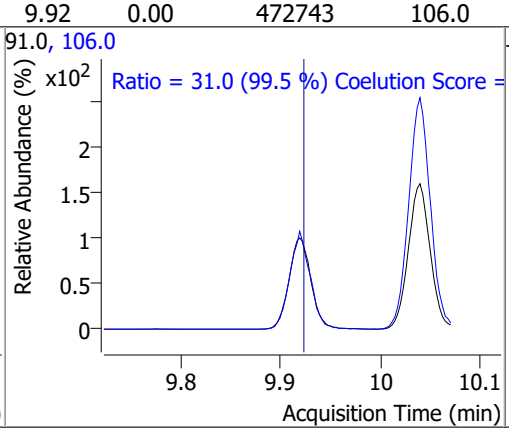


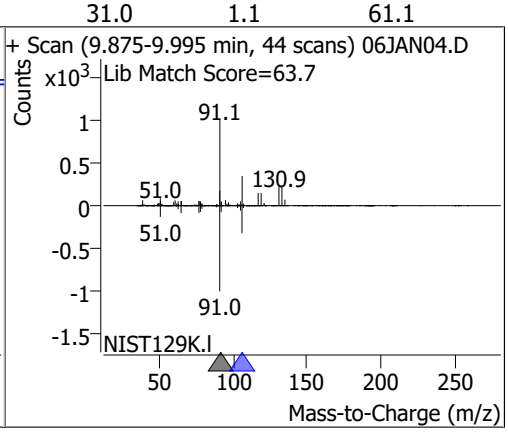




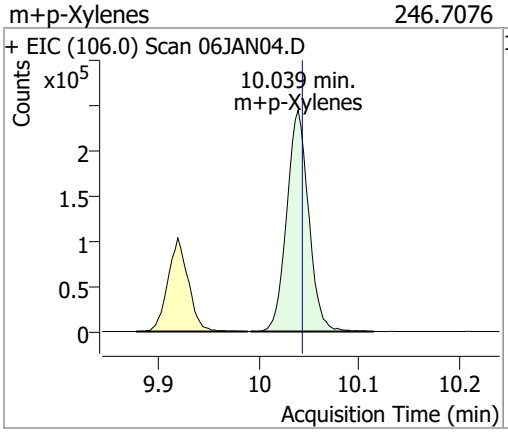
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	122.2876	9.92	0.00	472743	106.0	31.0	1.1	61.1

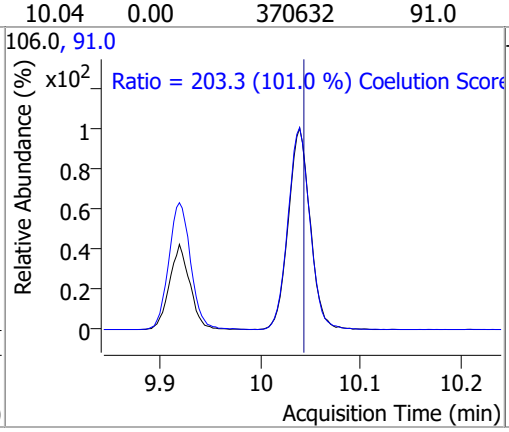


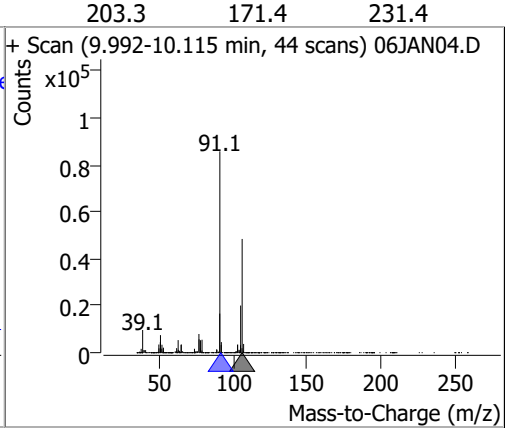




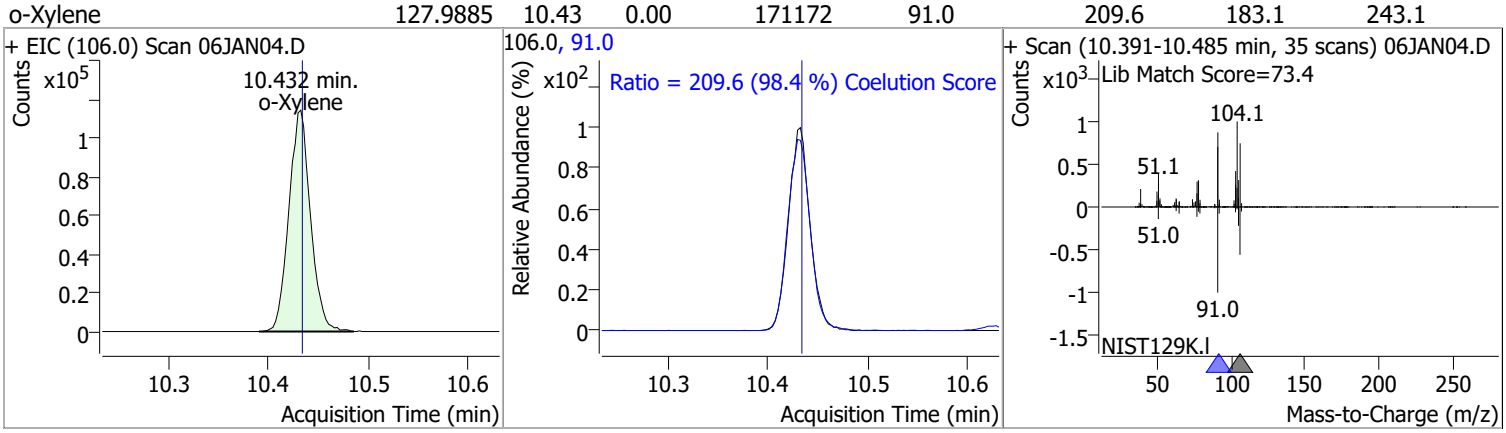
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	246.7076	10.04	0.00	370632	91.0	203.3	171.4	231.4



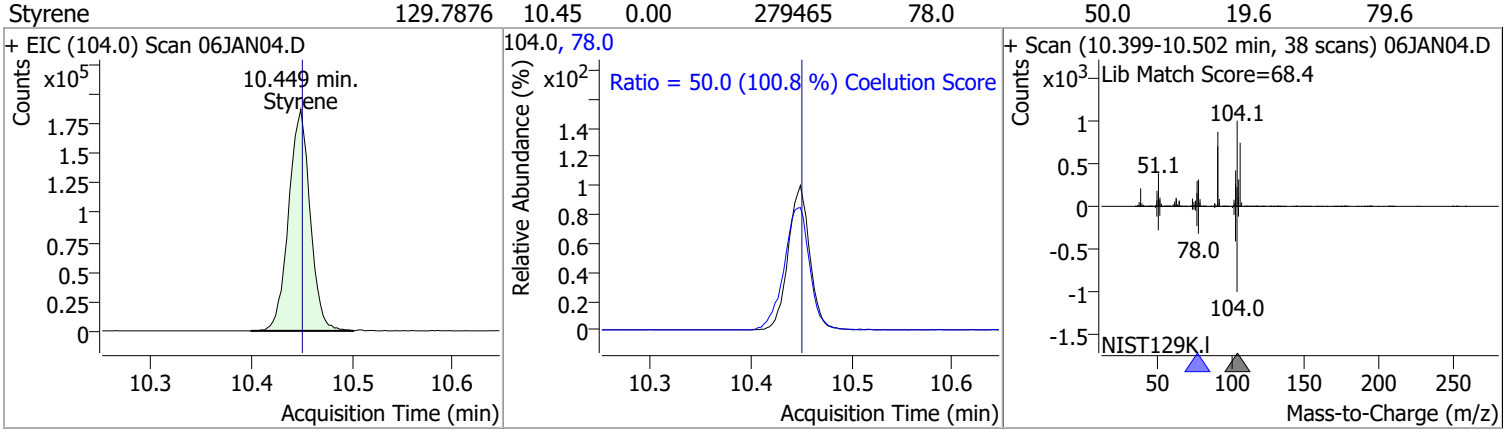




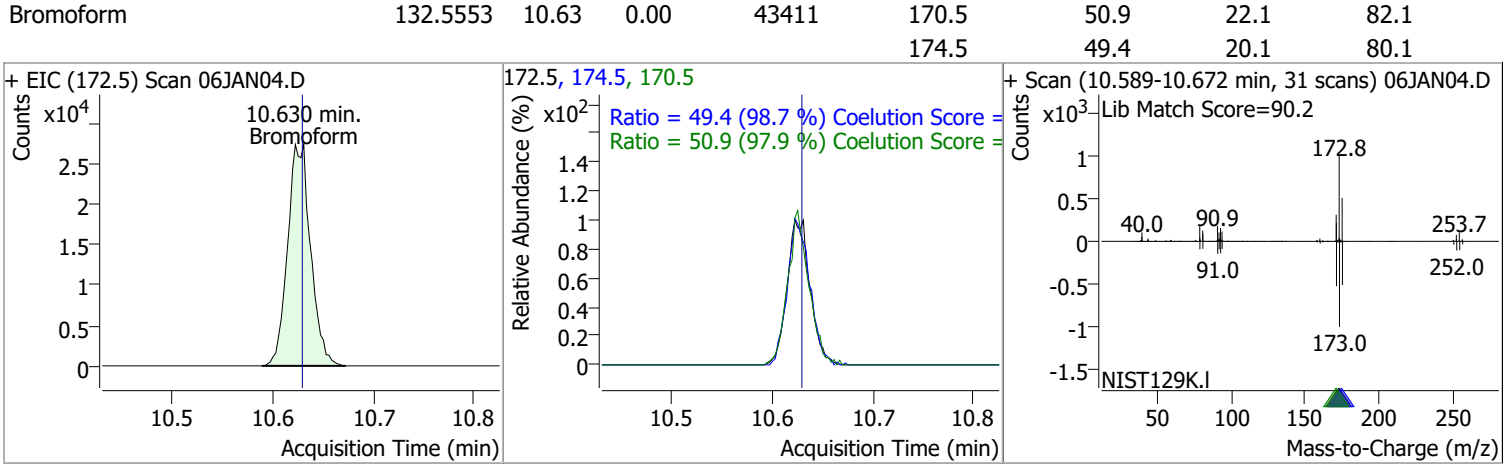
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	127.9885	10.43	0.00	171172	91.0	209.6	183.1	243.1



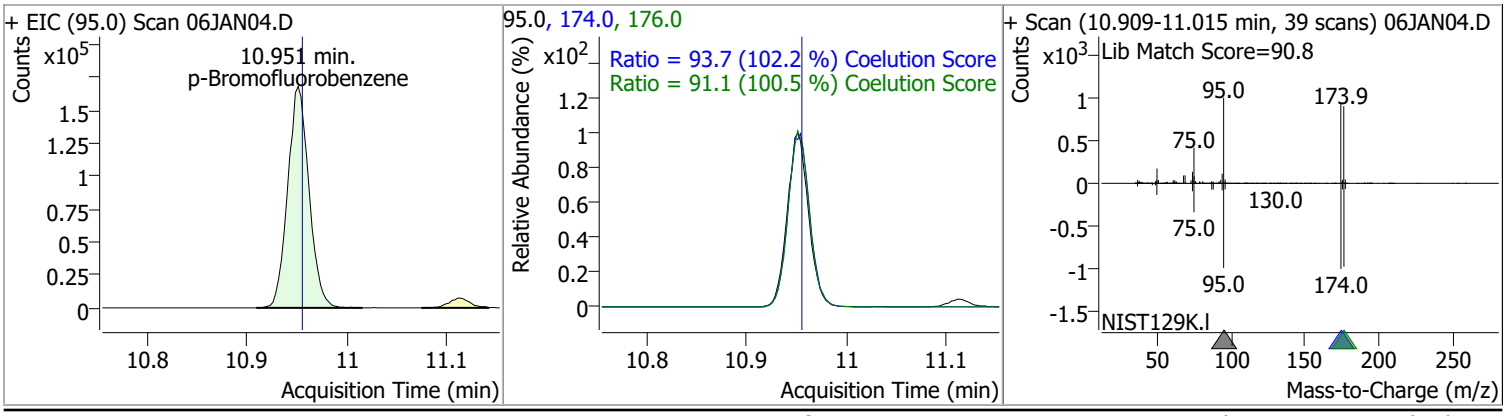
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	129.7876	10.45	0.00	279465	78.0	50.0	19.6	79.6



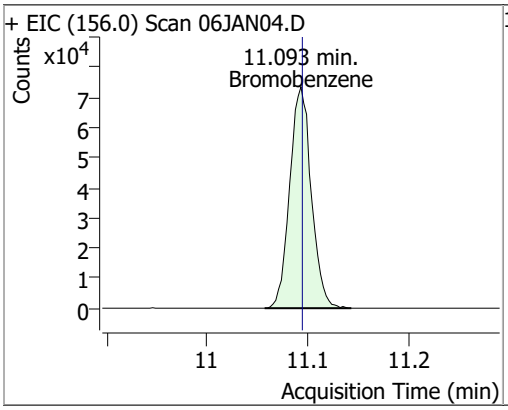
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	132.5553	10.63	0.00	43411	170.5	50.9	22.1	82.1
					174.5	49.4	20.1	80.1

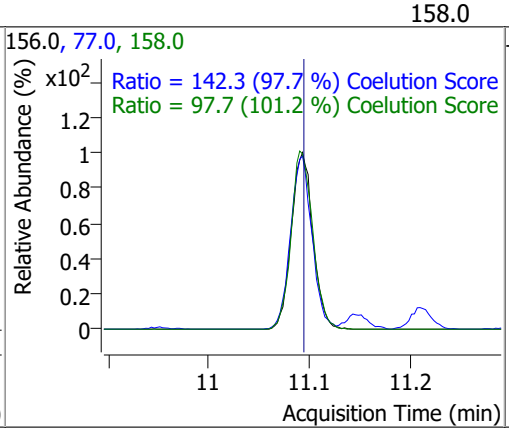


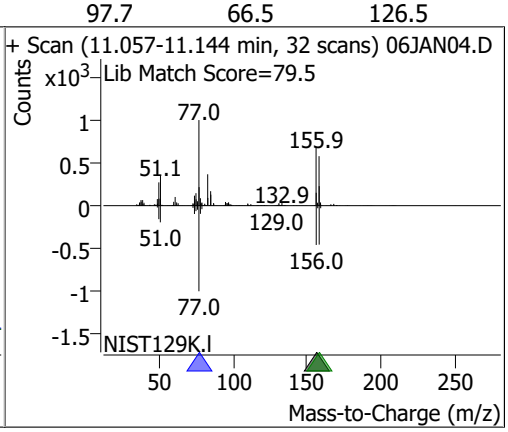
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.3931	10.95	0.00	247888	174.0	93.7	61.7	121.7
					176.0	91.1	60.6	120.6



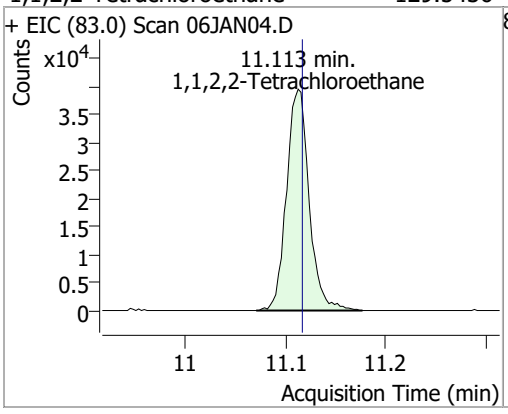
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	132.4015	11.09	0.00	109659	77.0	142.3	115.7	175.7
					158.0	97.7	66.5	126.5

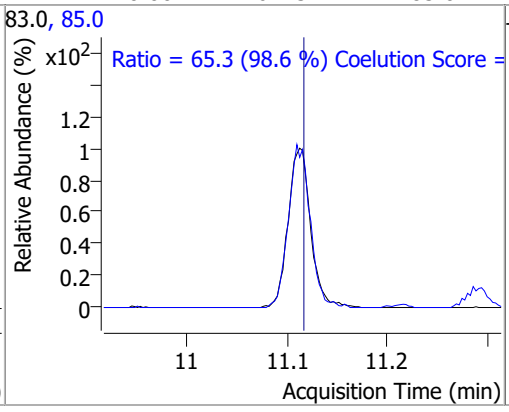


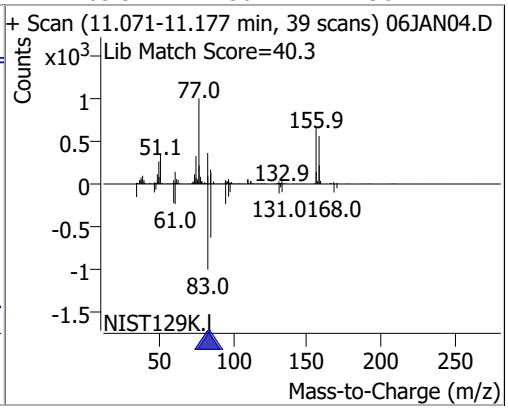




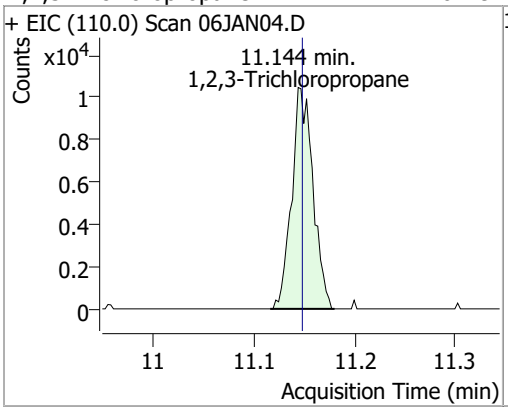
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	129.5436	11.11	0.00	61754	85.0	65.3	36.2	96.2

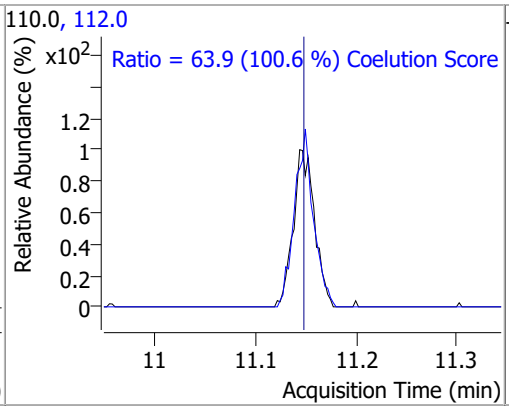


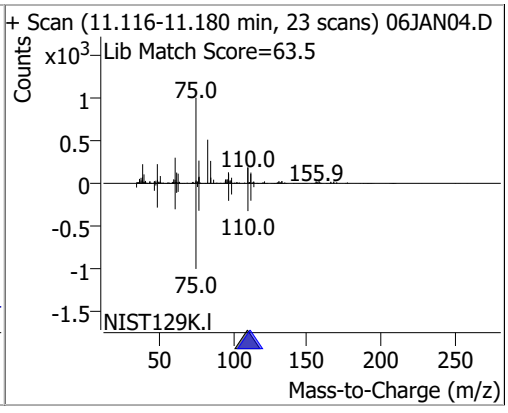




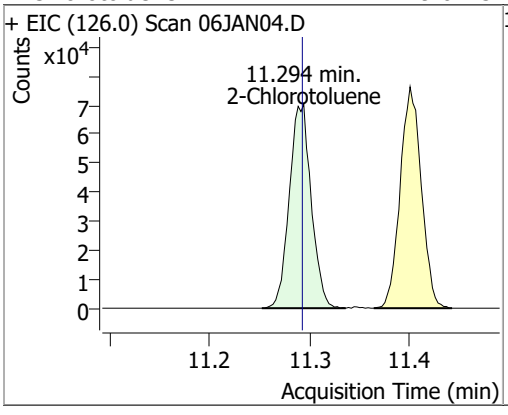
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	121.0479	11.14	0.00	15440	112.0	63.9	33.5	93.5

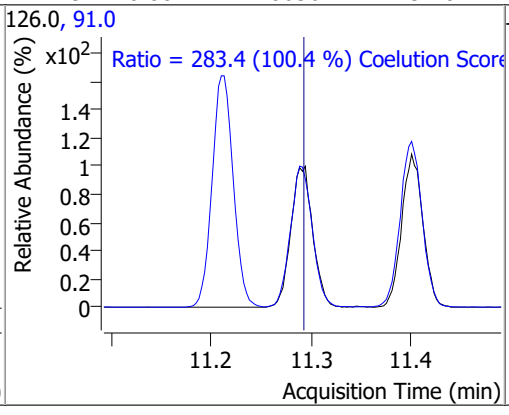


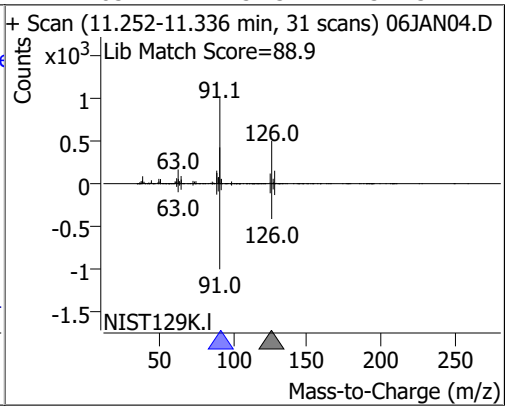




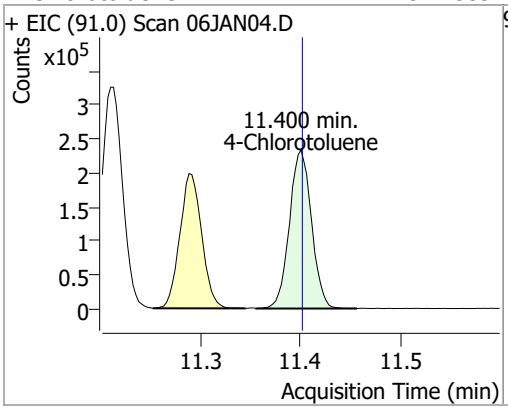
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	129.0725	11.29	0.00	106367	91.0	283.4	252.3	312.3

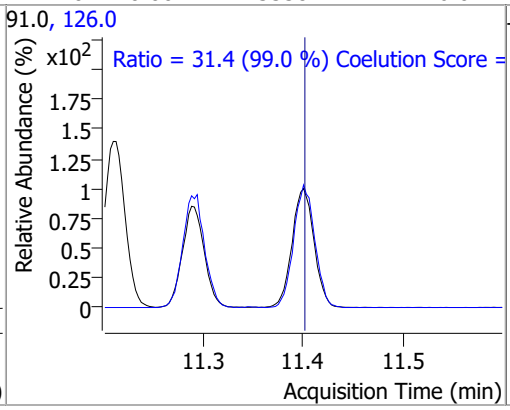


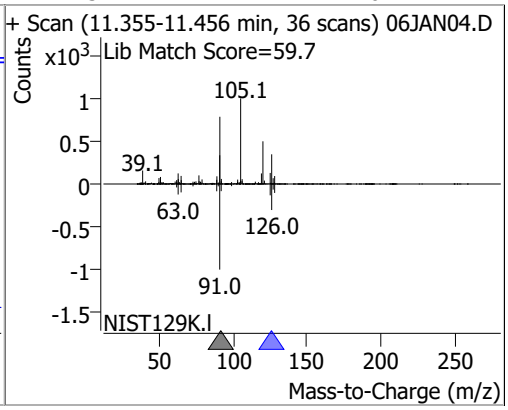




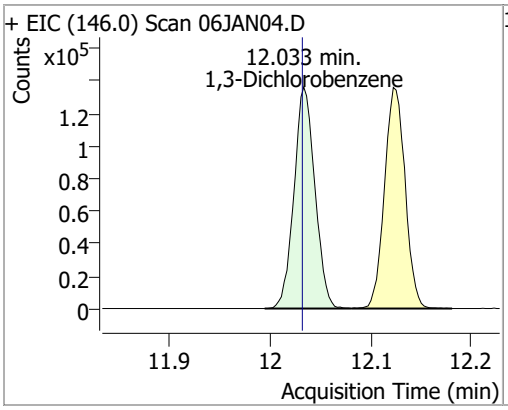
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	132.4359	11.40	0.00	355841	126.0	31.4	1.7	61.7

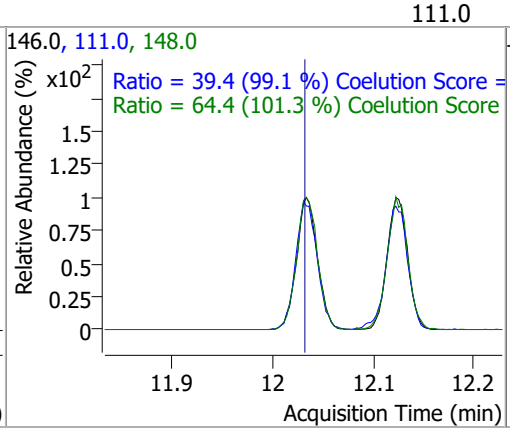


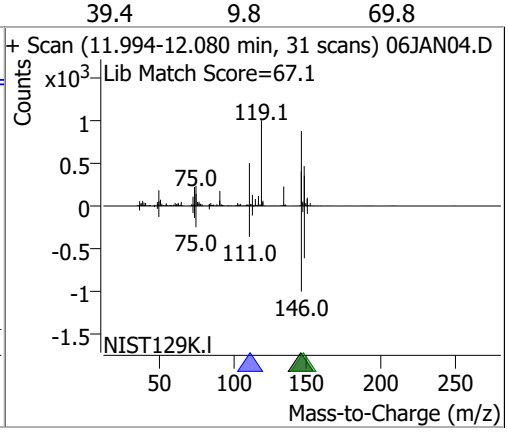




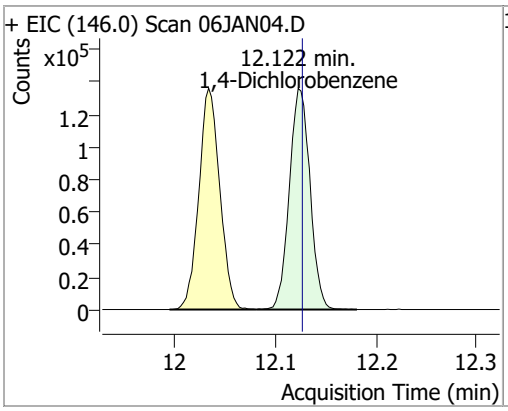
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	130.5771	12.03	0.00	197240	148.0	64.4	33.6	93.6
					111.0	39.4	9.8	69.8

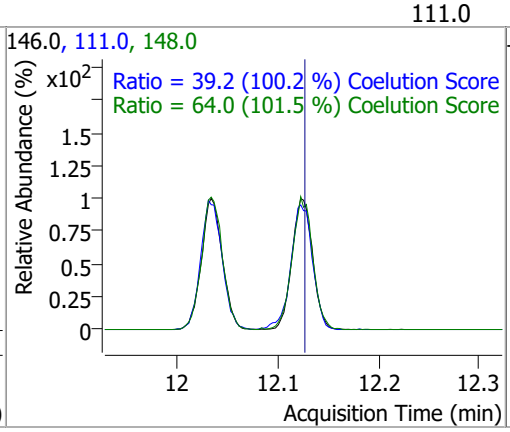


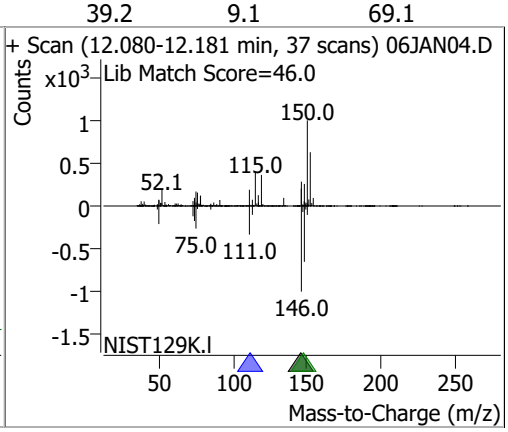




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	126.1897	12.12	0.00	194358	148.0	64.0	33.1	93.1
					111.0	39.2	9.1	69.1

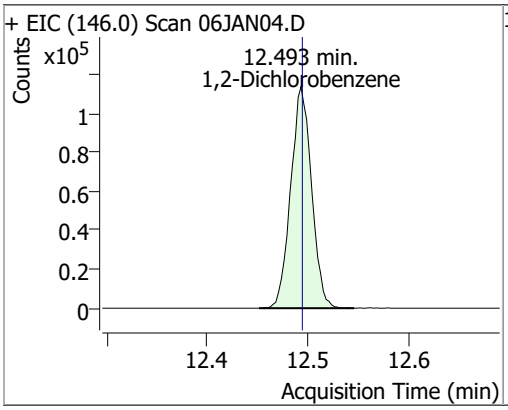


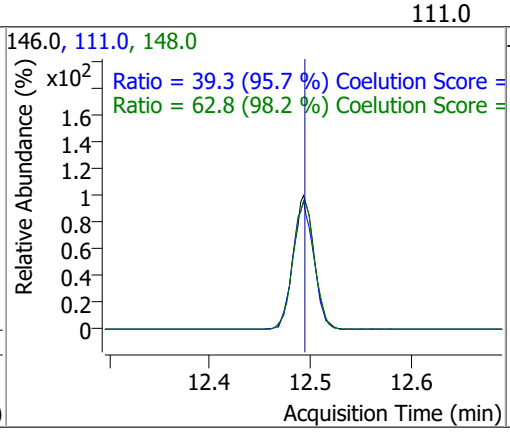


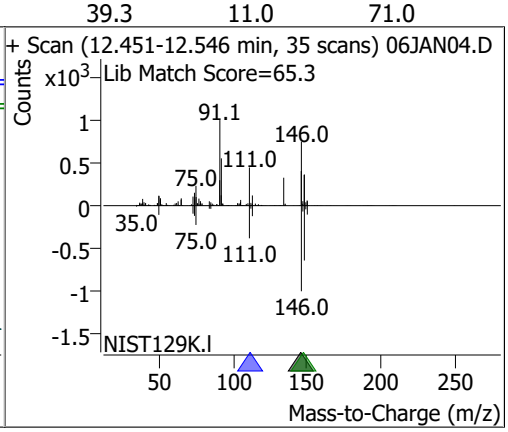


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	128.0629	12.49	0.00	163482	148.0	62.8	33.9	93.9
					111.0	39.3	11.0	71.0







Quantitation Results Report (QT Reviewed)

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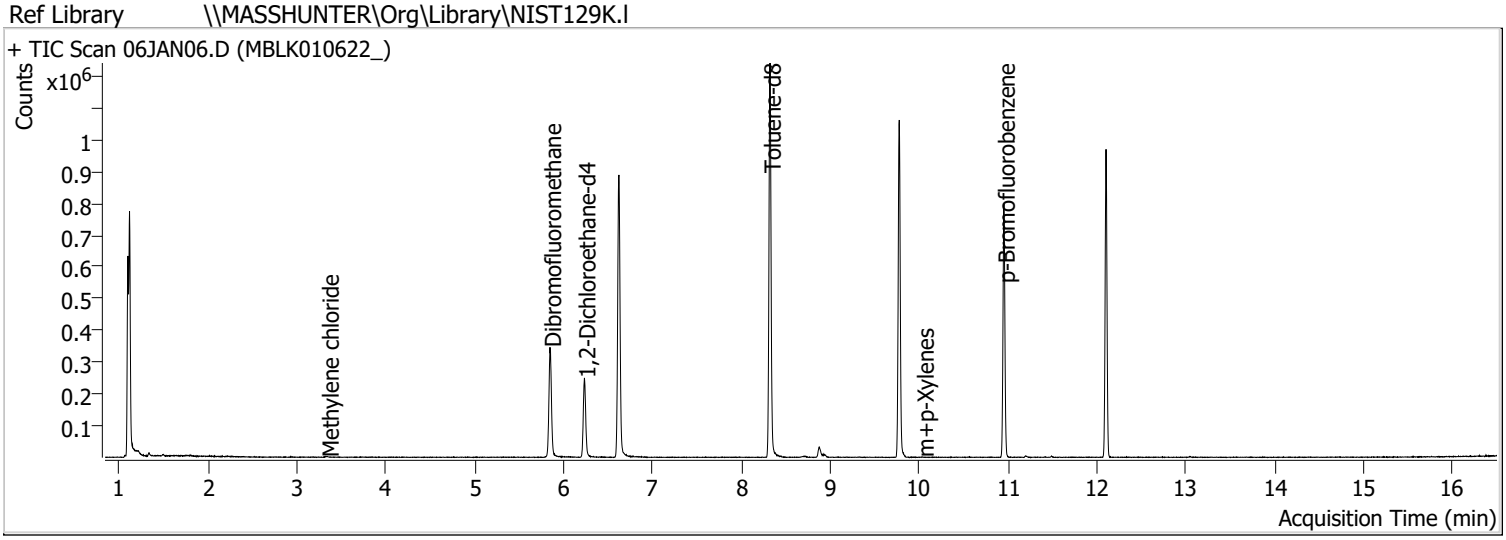
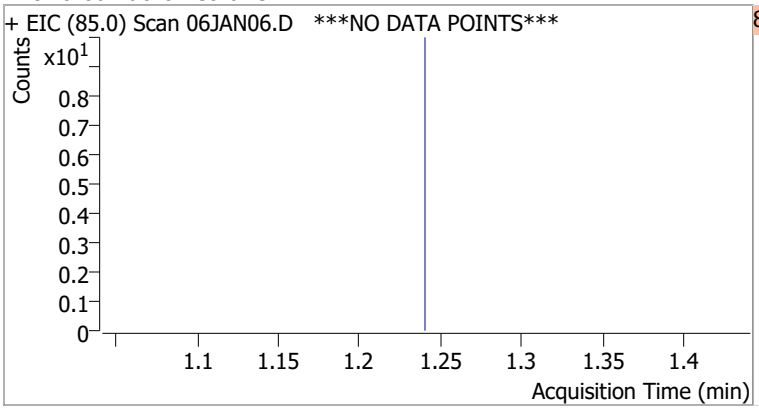


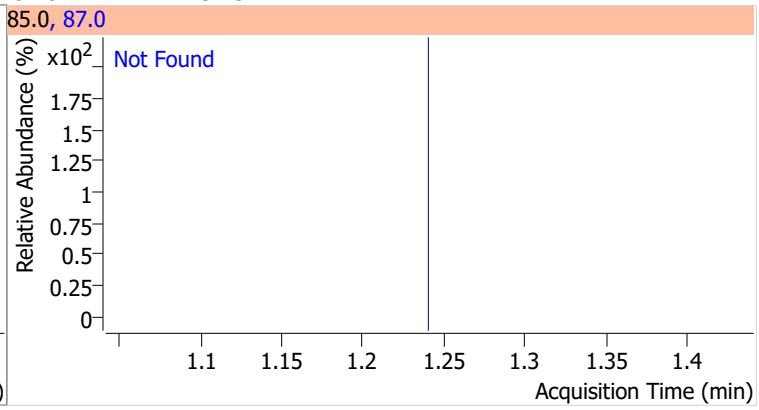
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	765585	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	296018	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	229259	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	204002	282.8416	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 113.14%			
S 1,2-Dichloroethane-d4	6.233	67.0	88654	284.5745	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 113.83%			
S Toluene-d8	8.319	98.0	763754	267.7414	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.10%			
S p-Bromofluorobenzene	10.951	95.0	223598	266.2219	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.49%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	0.000		0	N.D.			
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.347	49.0	1387	1.2201	ng	m	80
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.647	83.0	0		ng	md	1

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	0.000		0	N.D.			
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.039	106.0	264	0.1859	ng	m	96
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

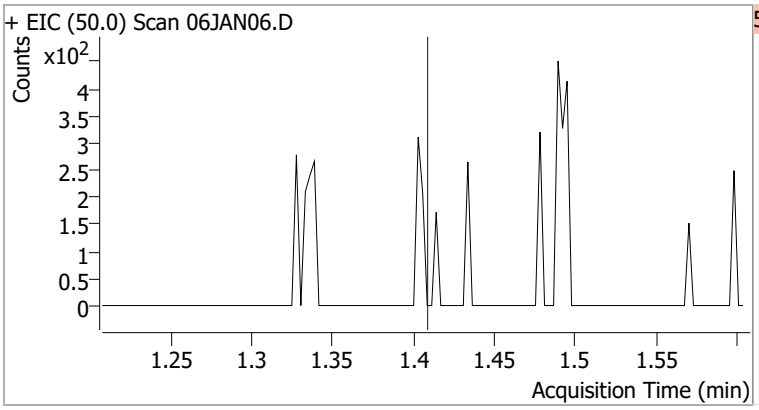
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

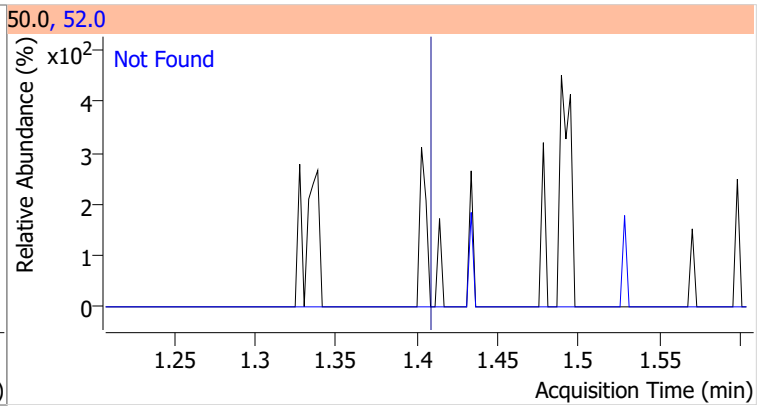
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3



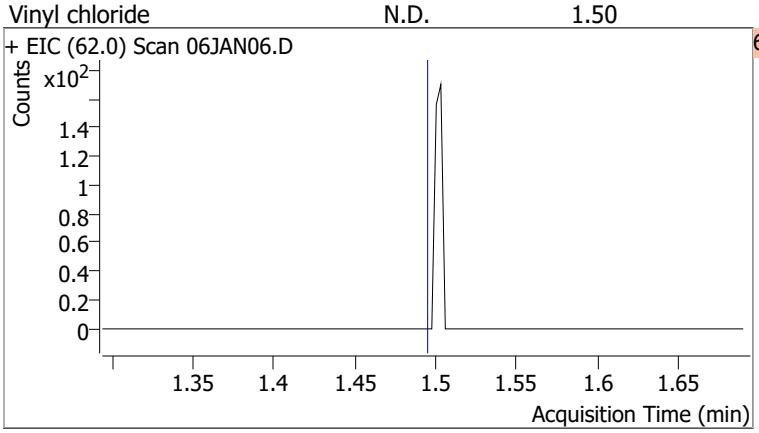


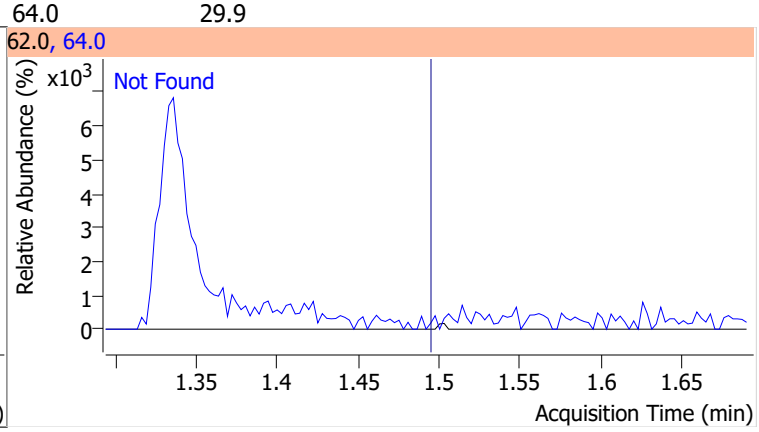
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.1



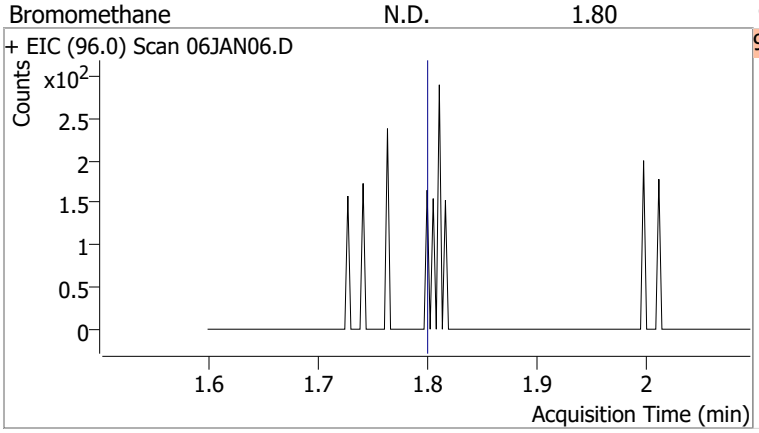


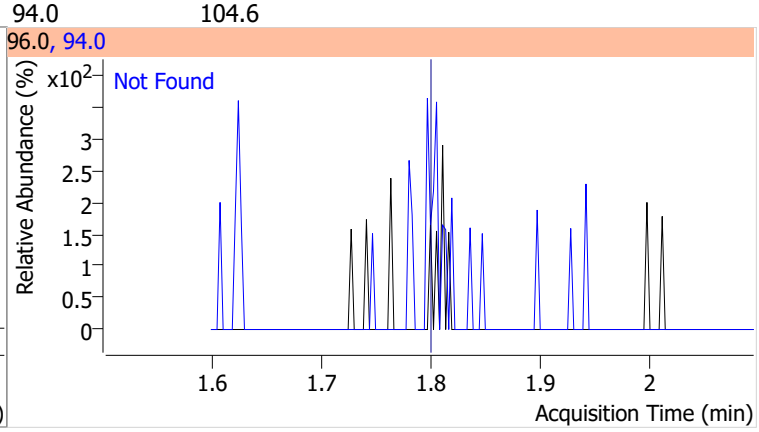
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



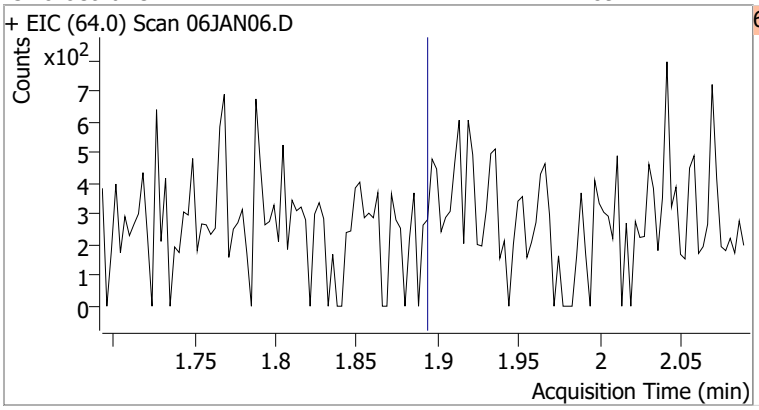


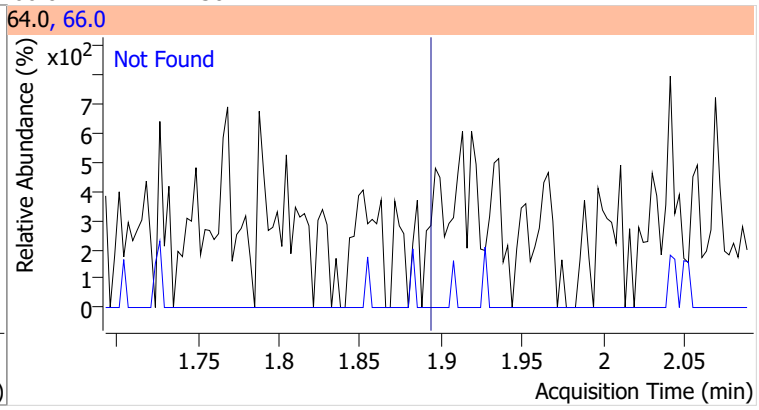
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



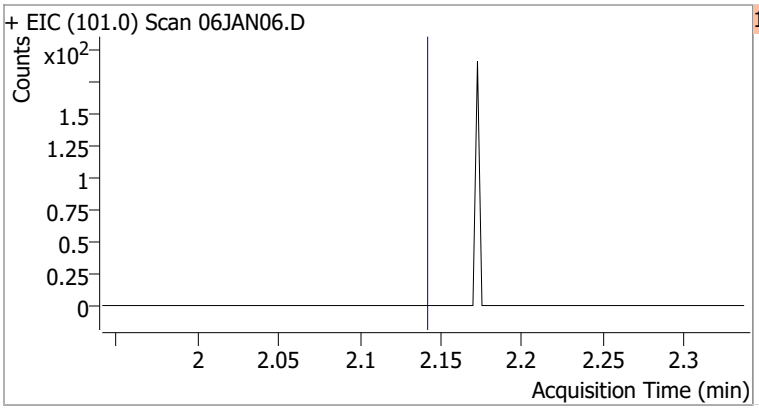


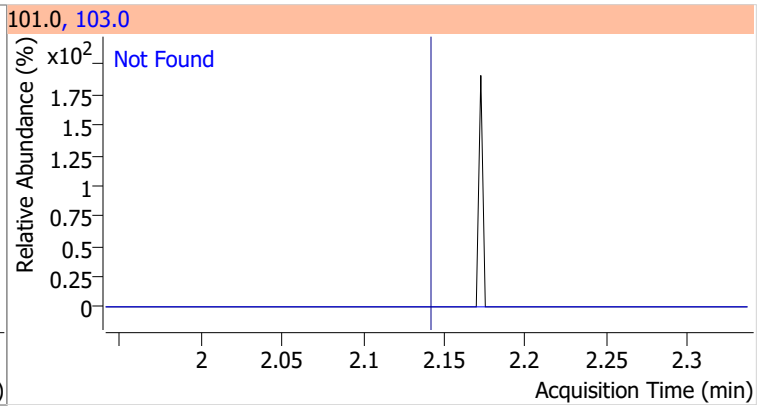
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



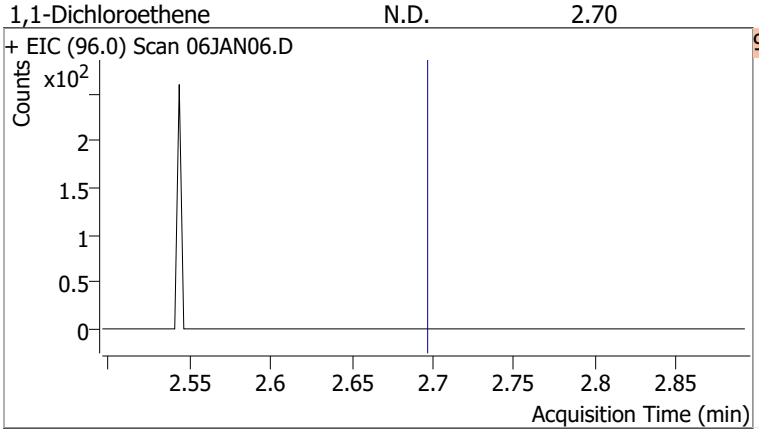


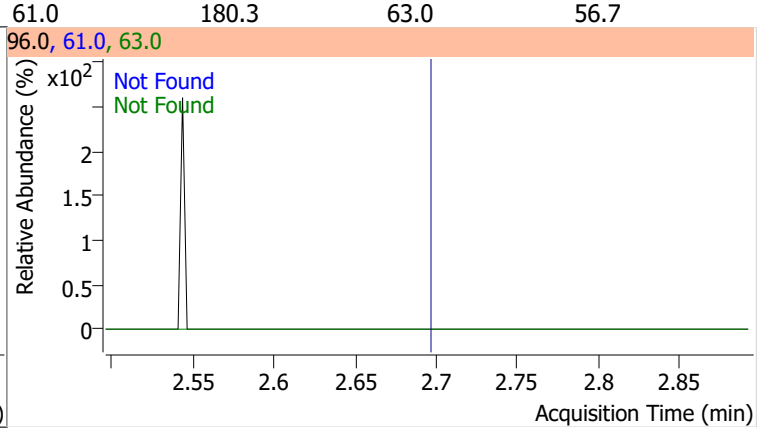
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



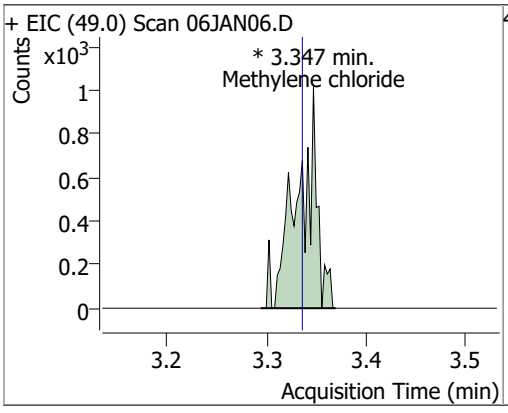


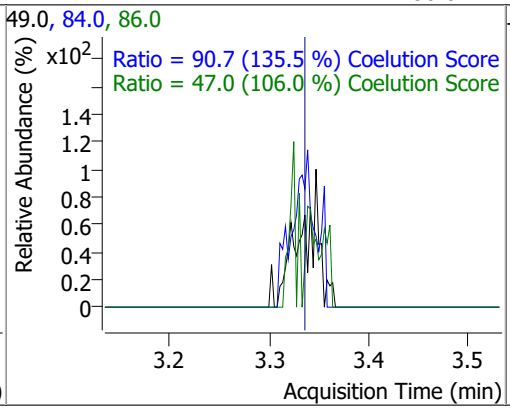
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

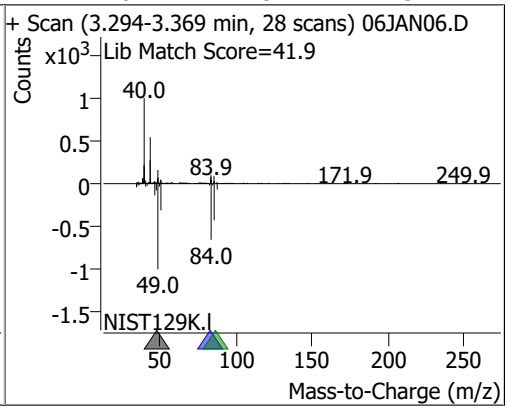




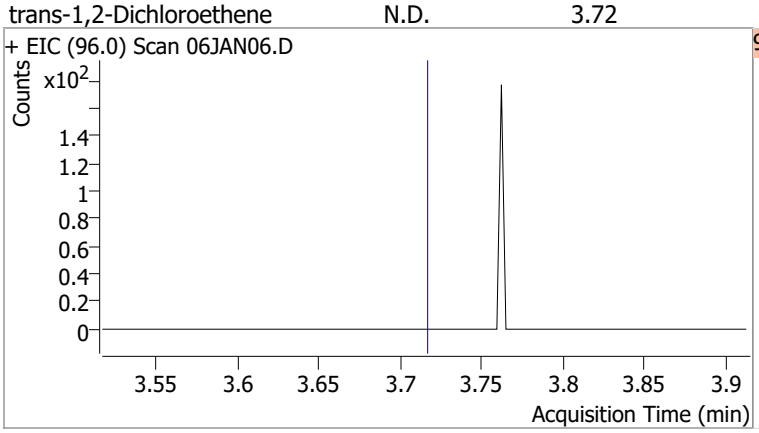
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.2201	3.35	0.01	1387 (m)	84.0	90.7	36.9	96.9
					86.0	47.0	14.3	74.3

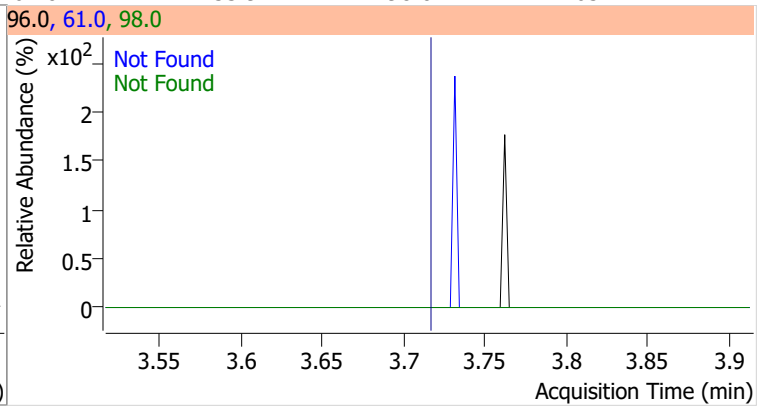




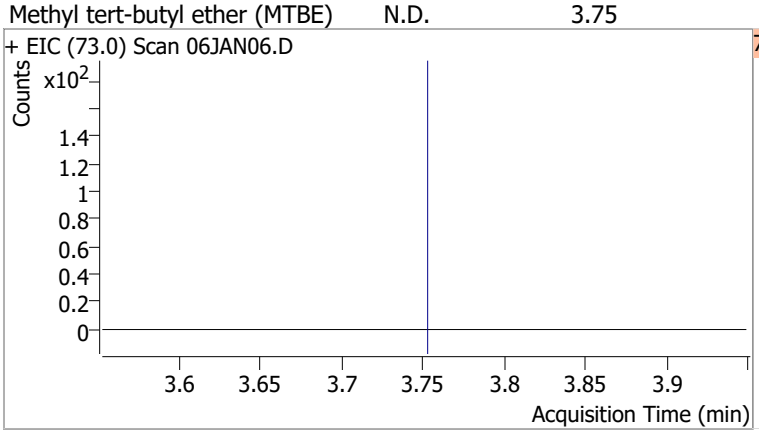


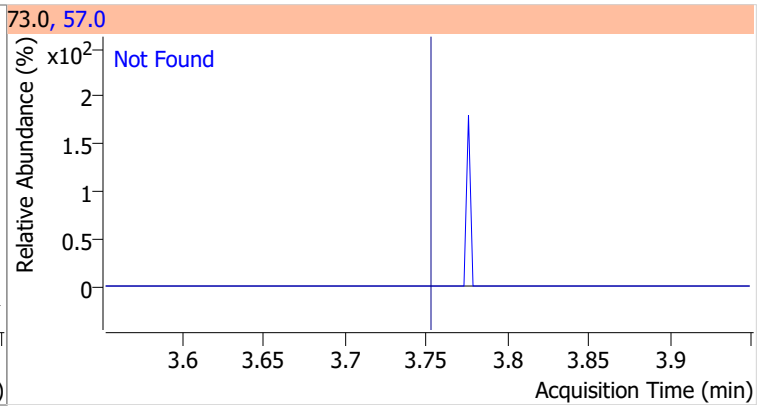
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



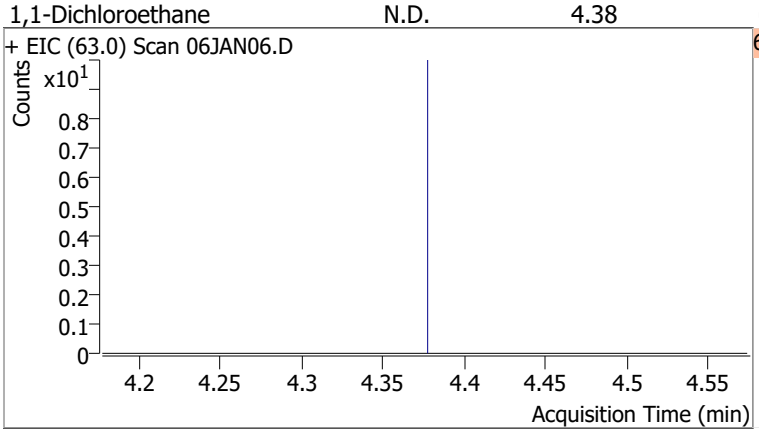


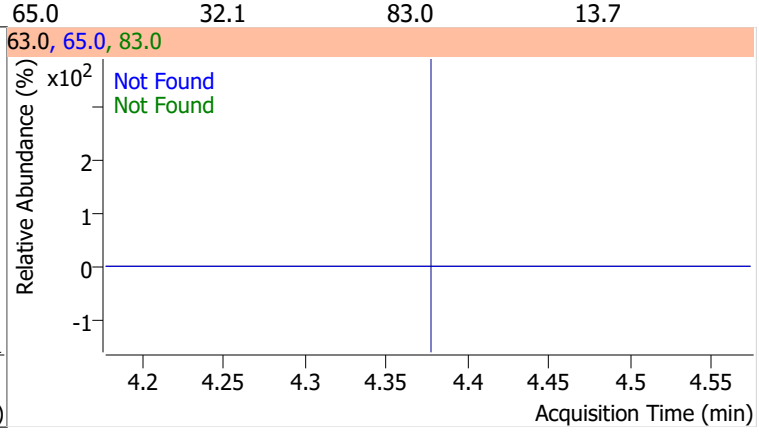
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



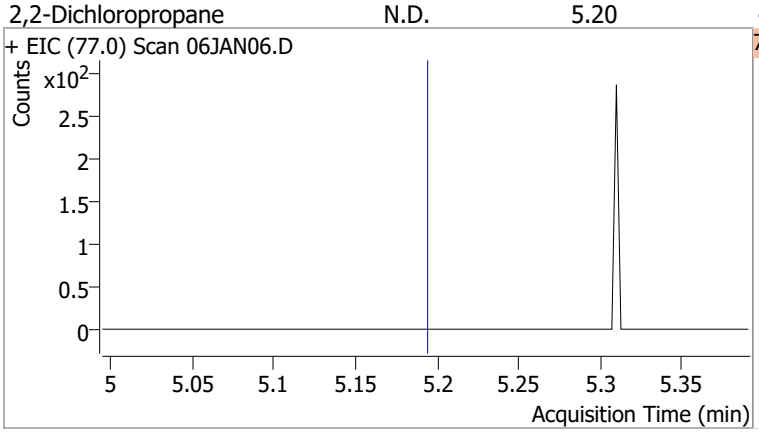


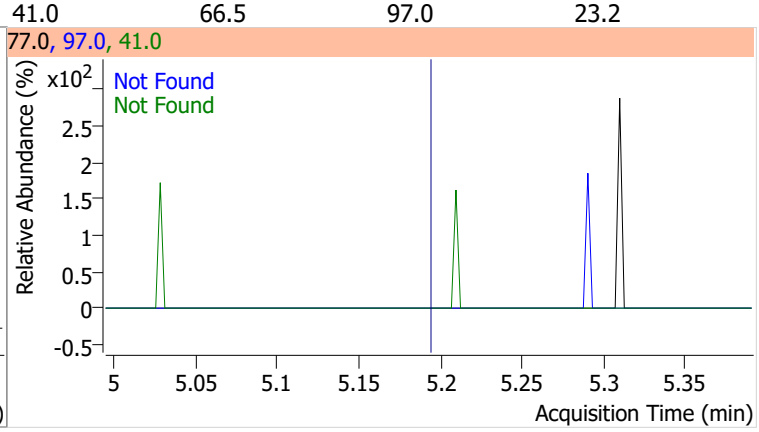
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



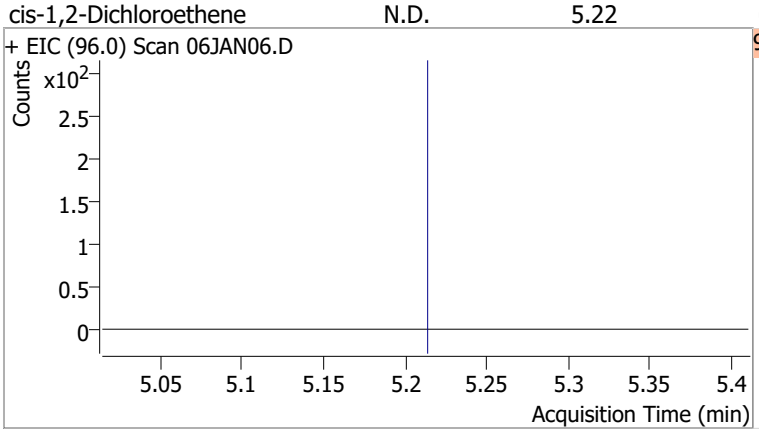


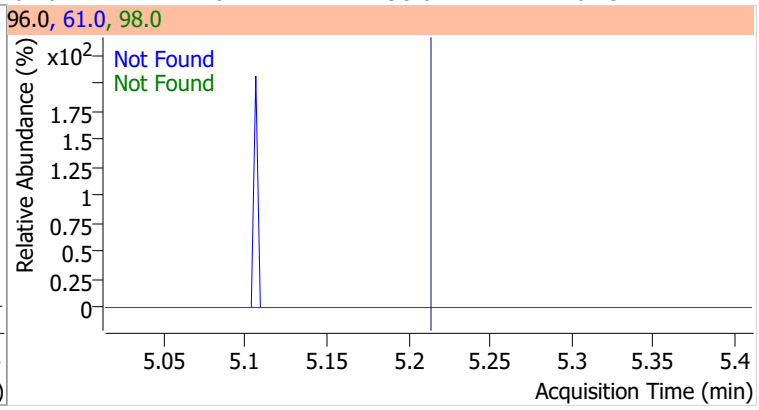
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



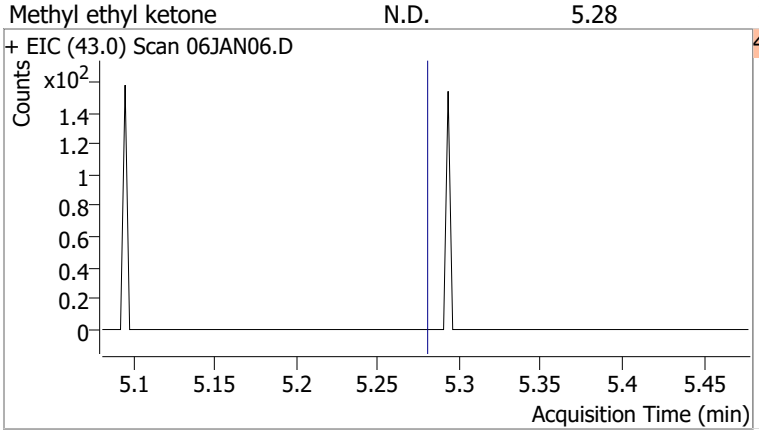


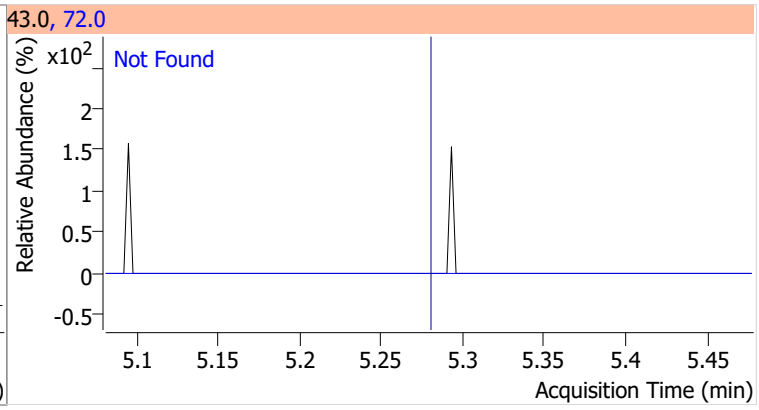
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



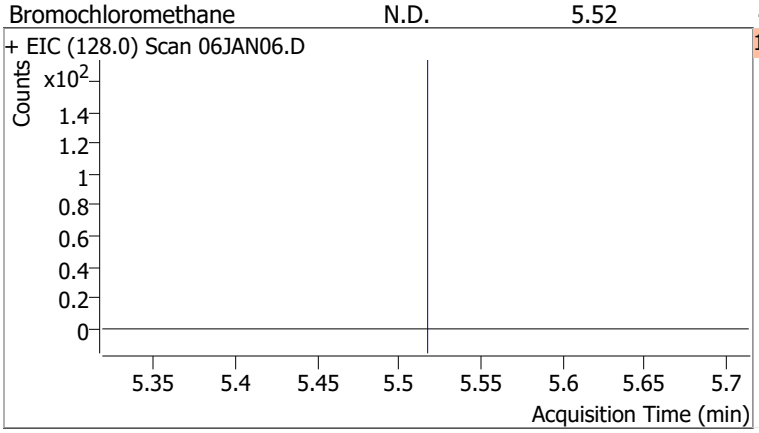


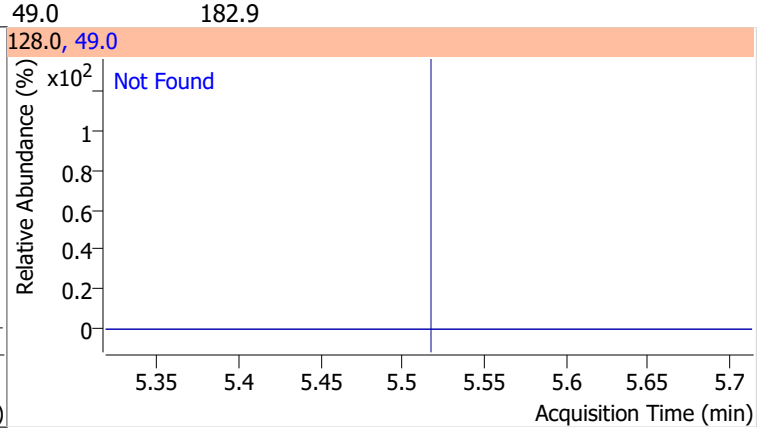
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



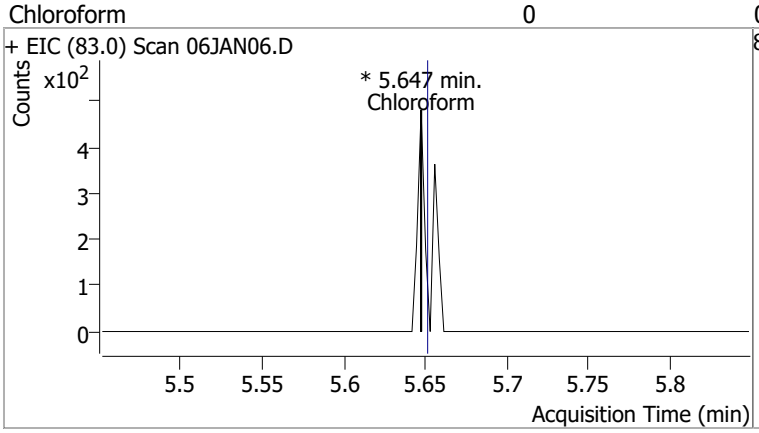


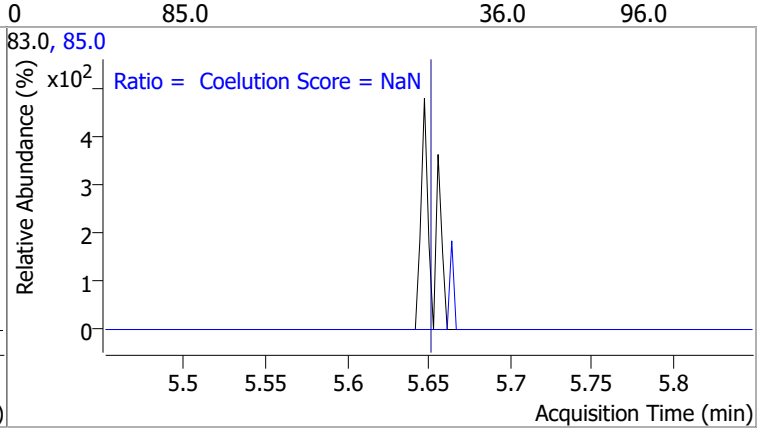
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



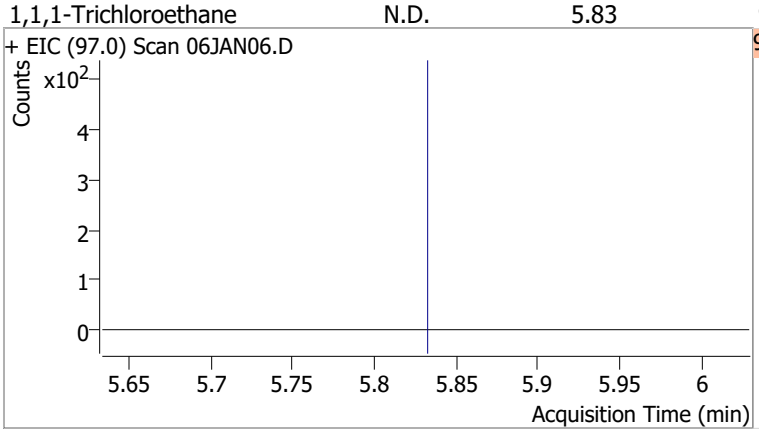


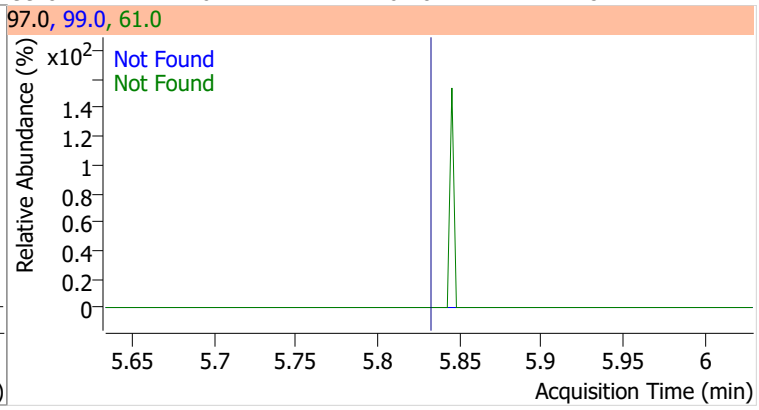
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform		0		0	85.0		36.0	96.0



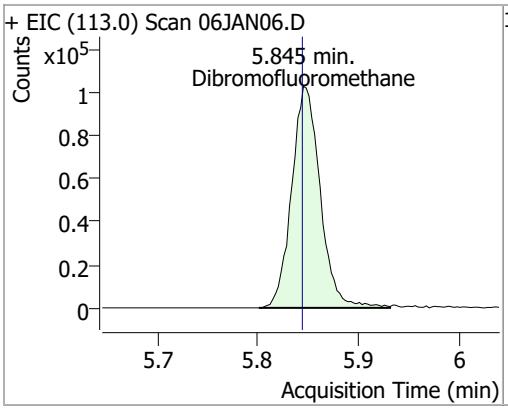


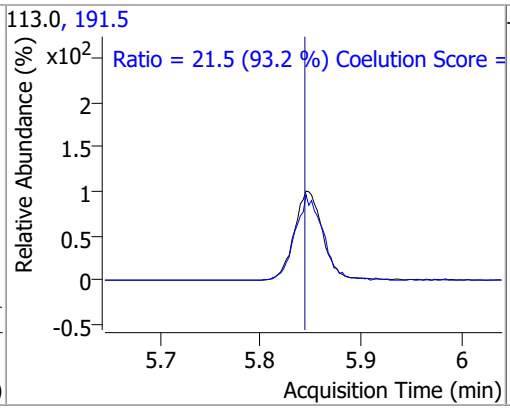
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

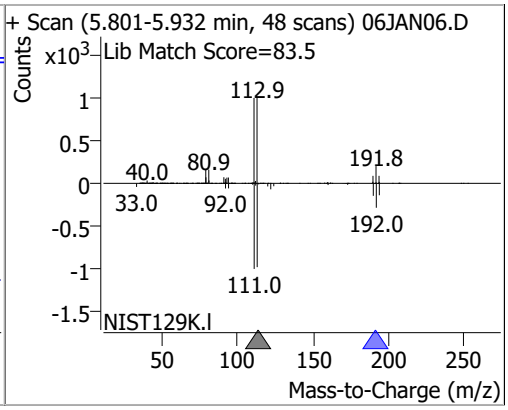




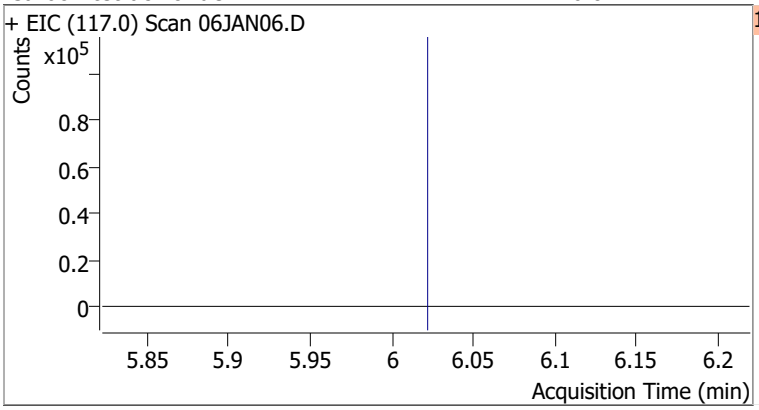
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	282.8416	5.85	0.00	204002	191.5	21.5	0.0	53.1

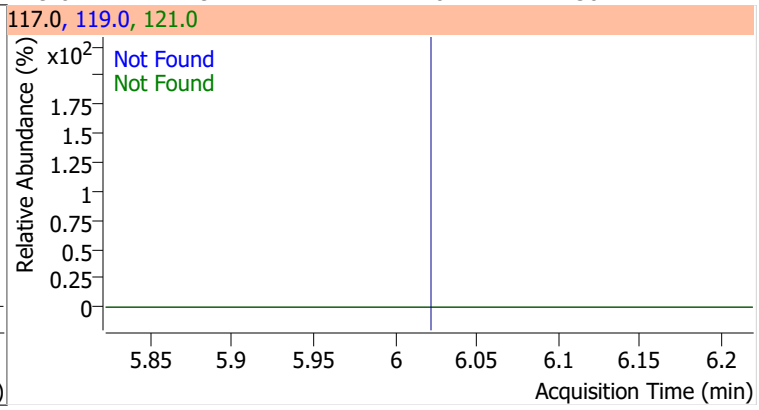




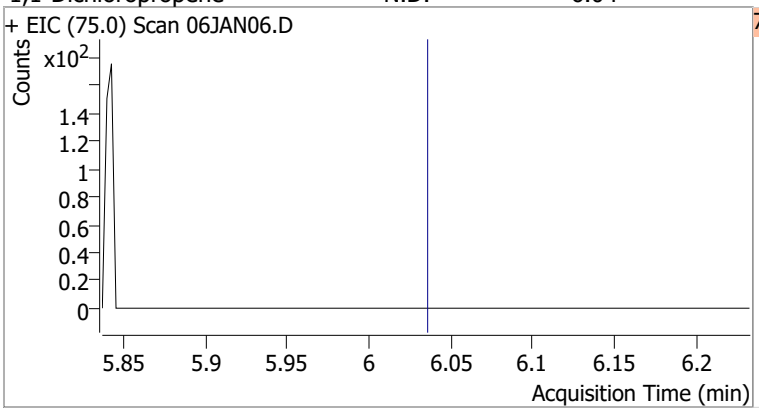


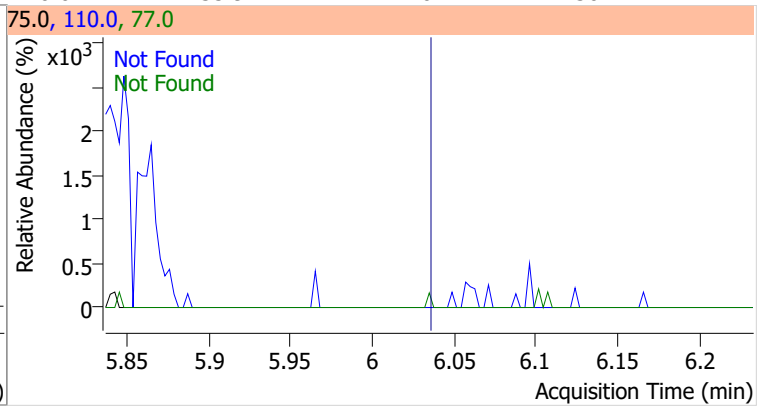
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



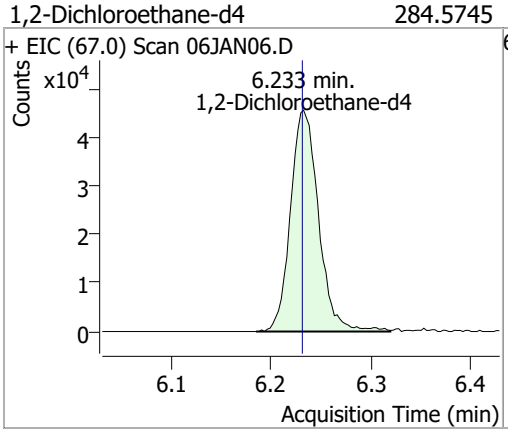


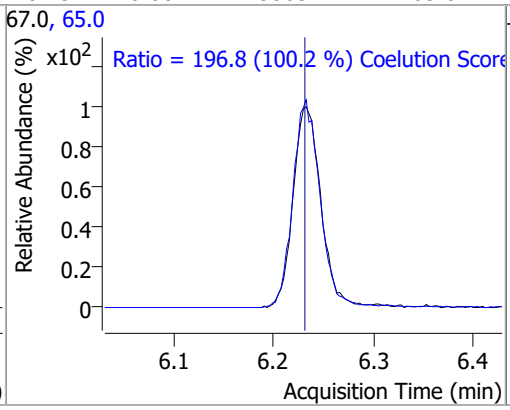
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

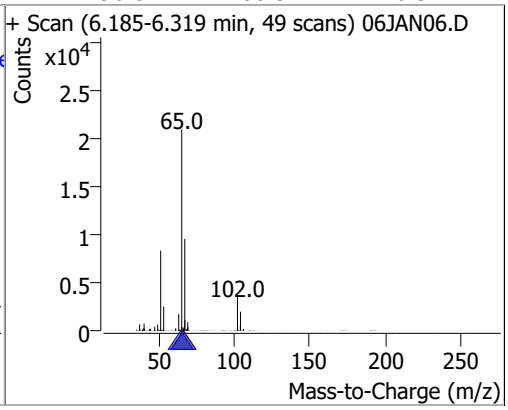




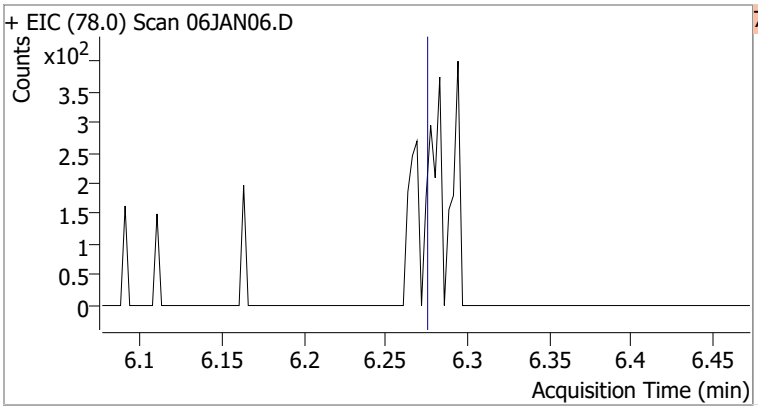
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	284.5745	6.23	0.00	88654	65.0	196.8	166.5	226.5

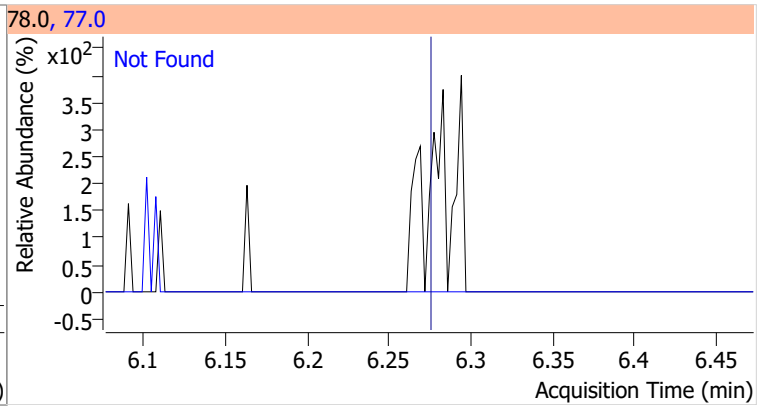




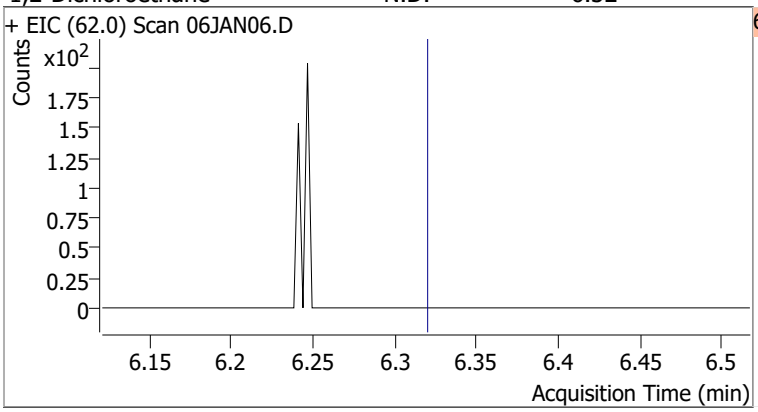


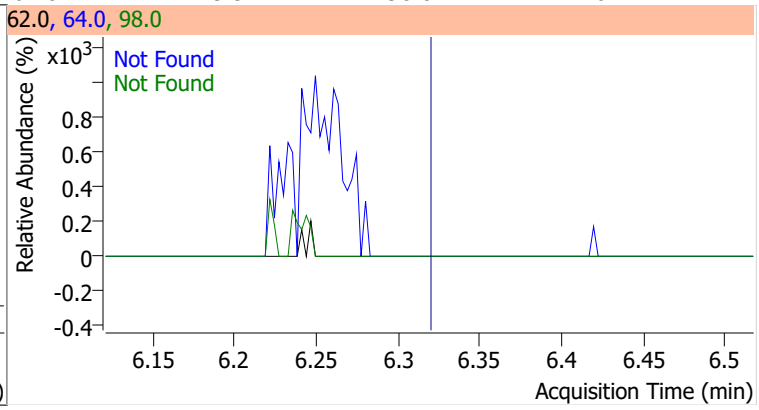
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



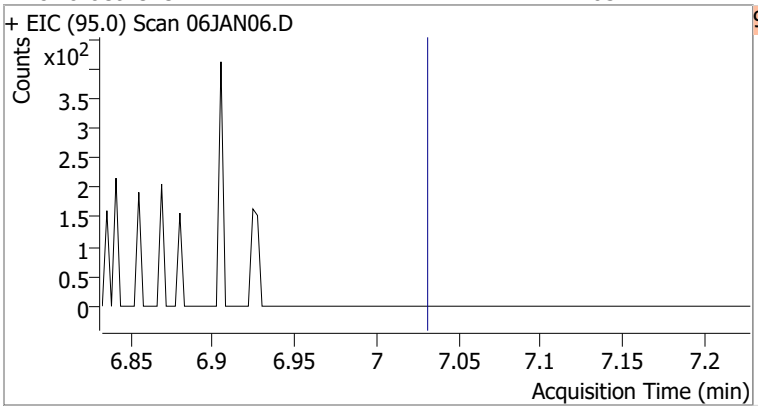


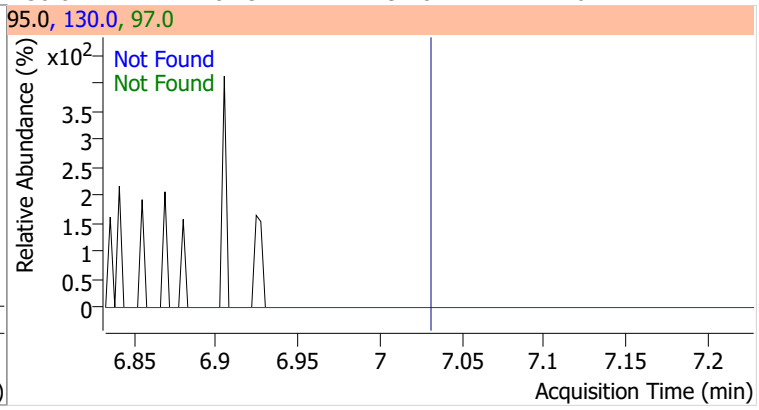
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



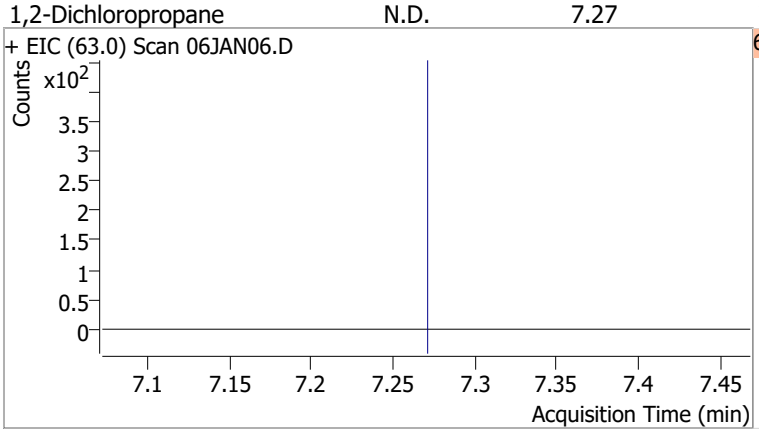


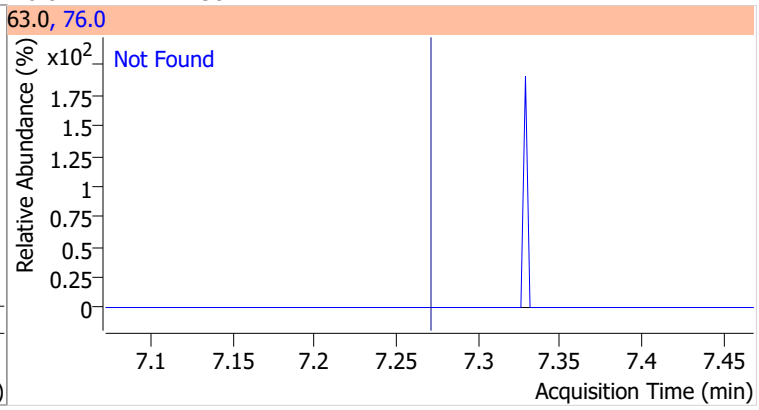
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



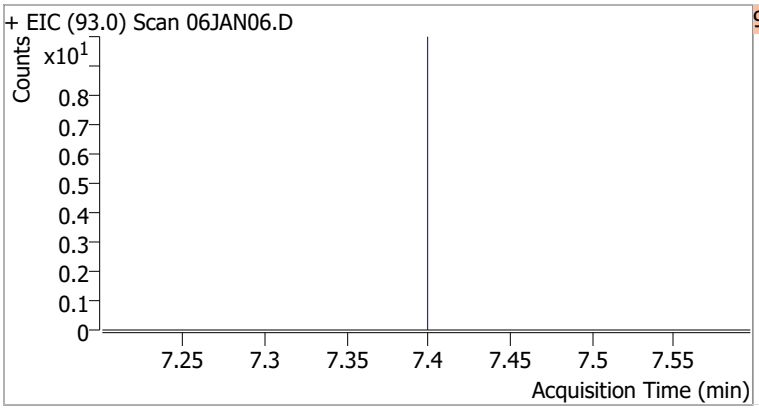


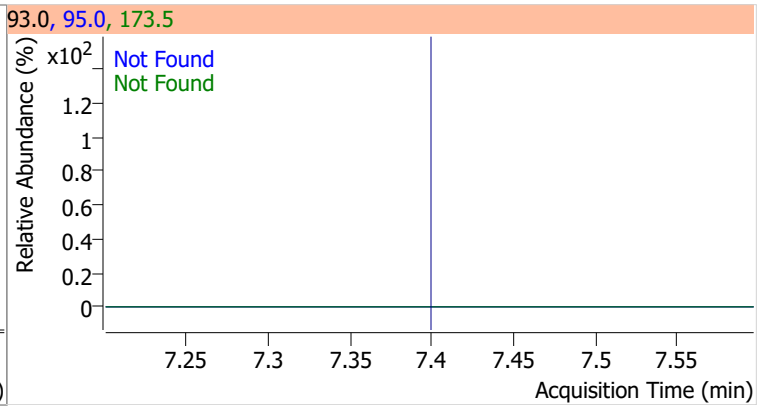
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



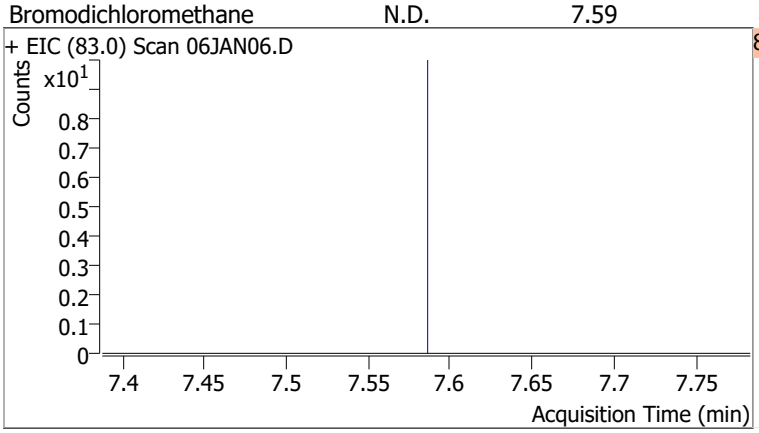


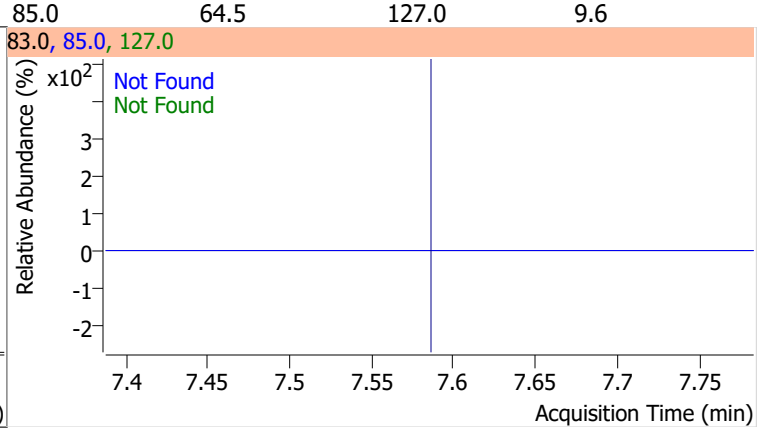
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



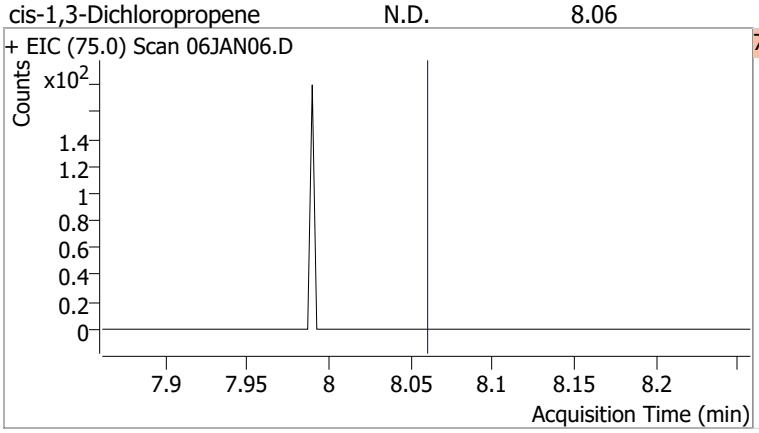


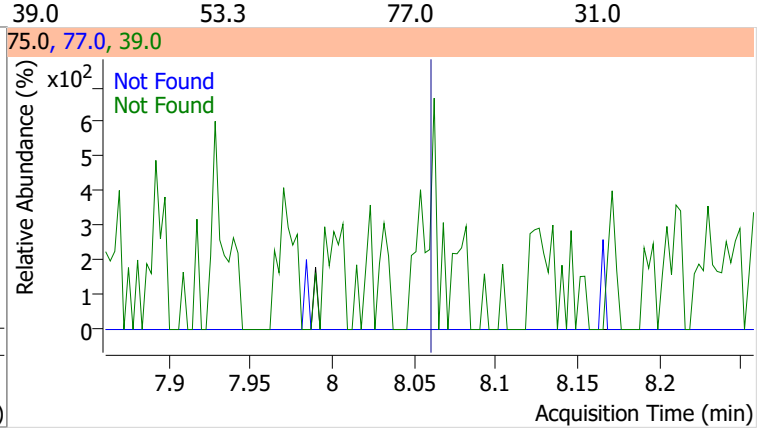
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6





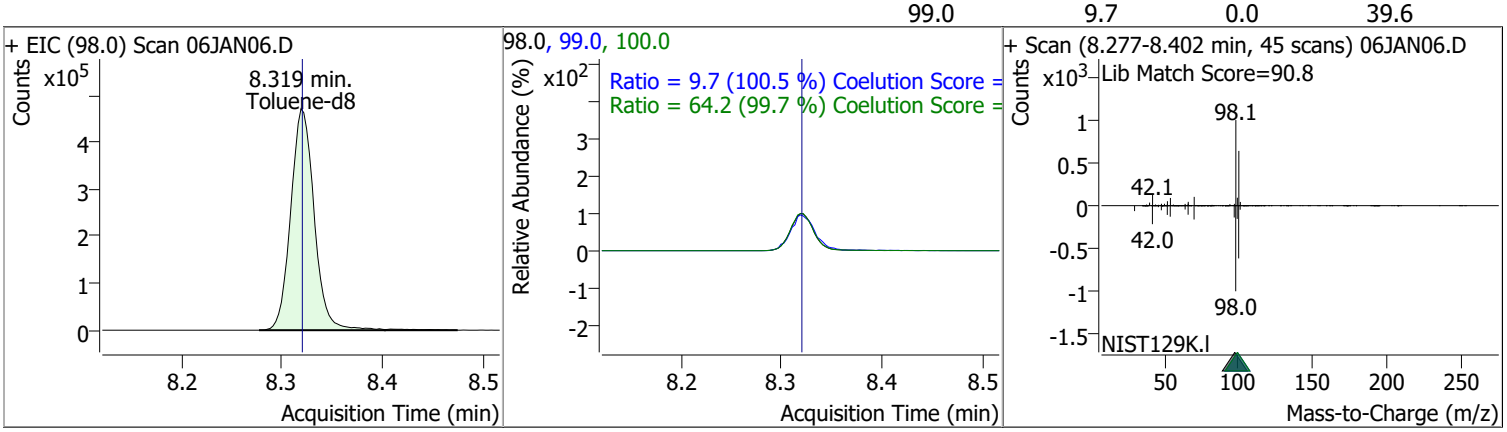
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0



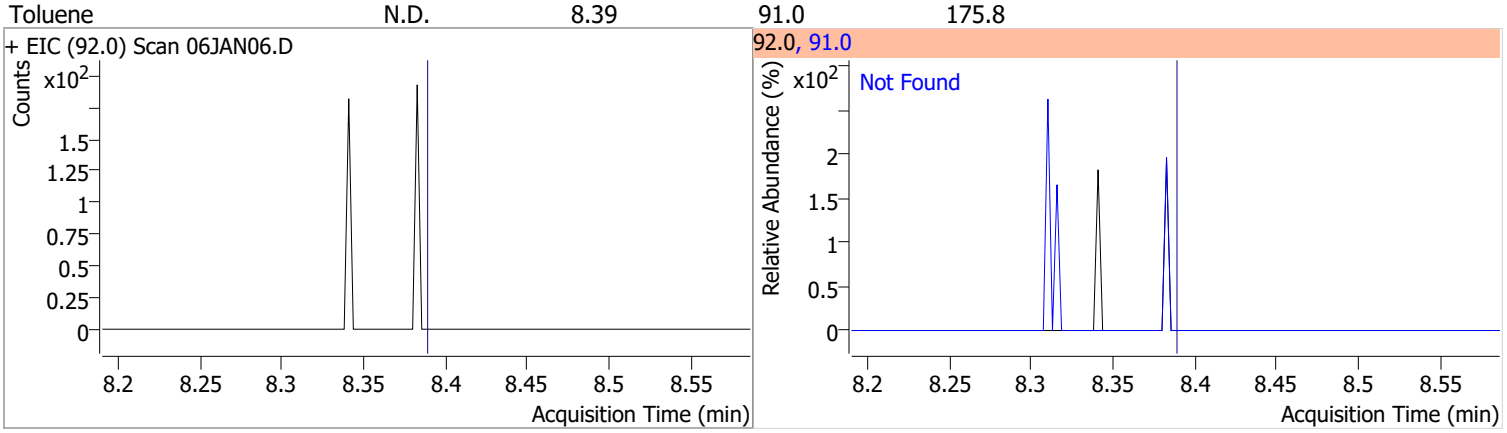


Quantitation Results Report (QT Reviewed)

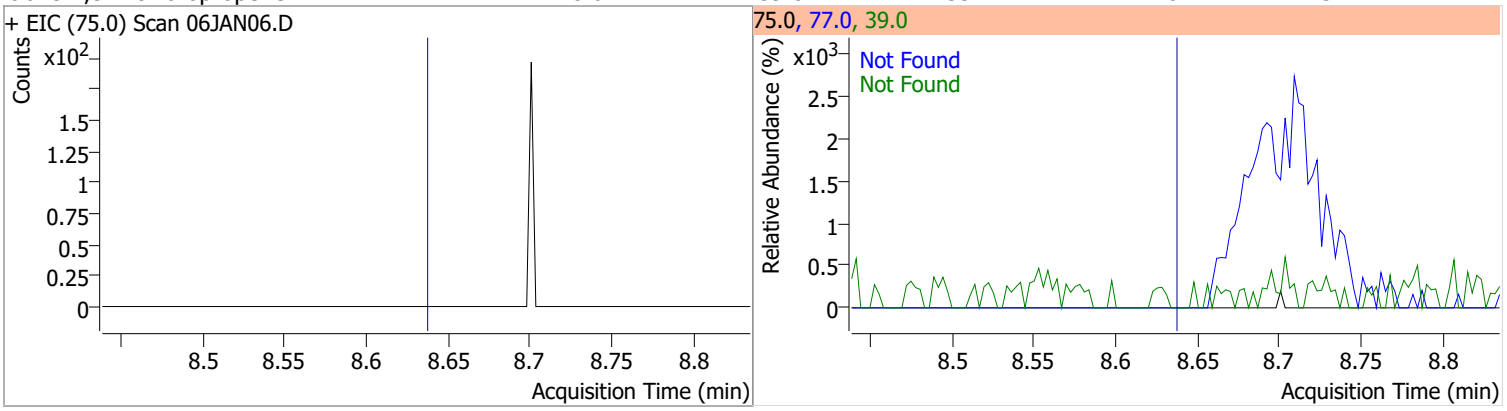
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	267.7414	8.32	0.00	763754	100.0	64.2	34.4	94.4
					99.0	9.7	0.0	39.6



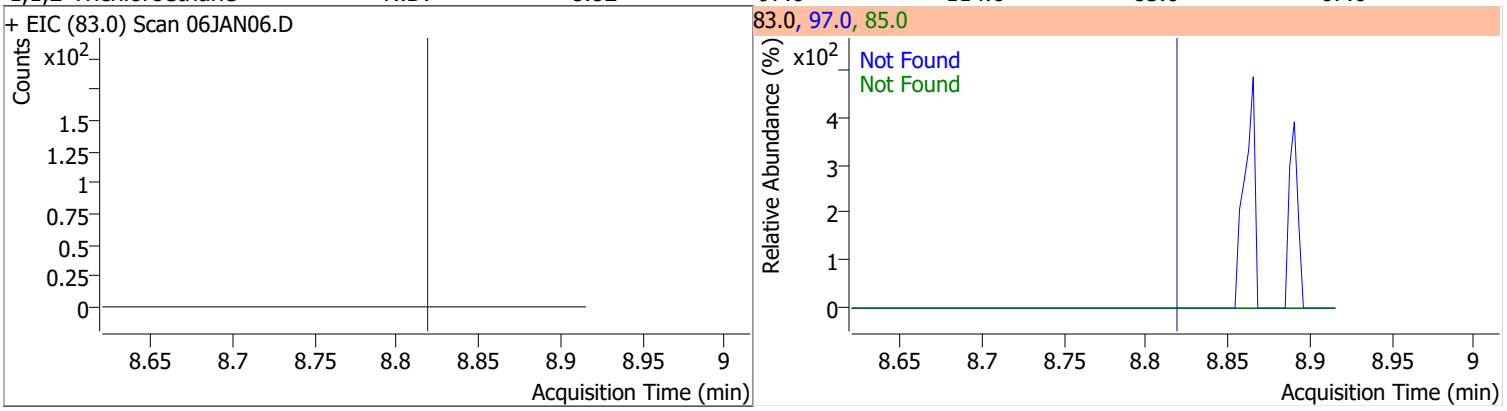
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	175.8



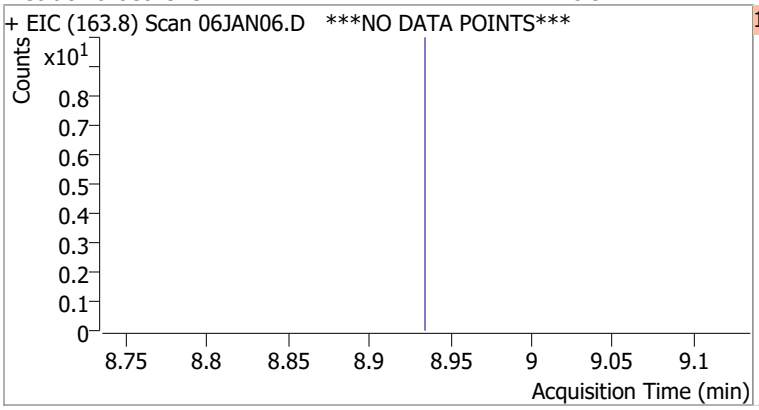
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

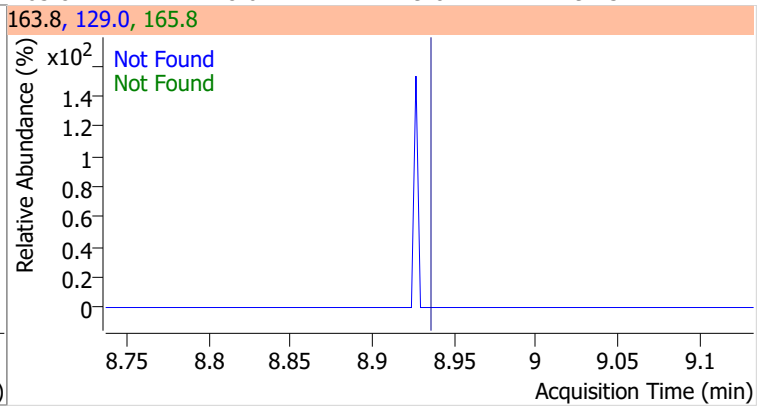


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

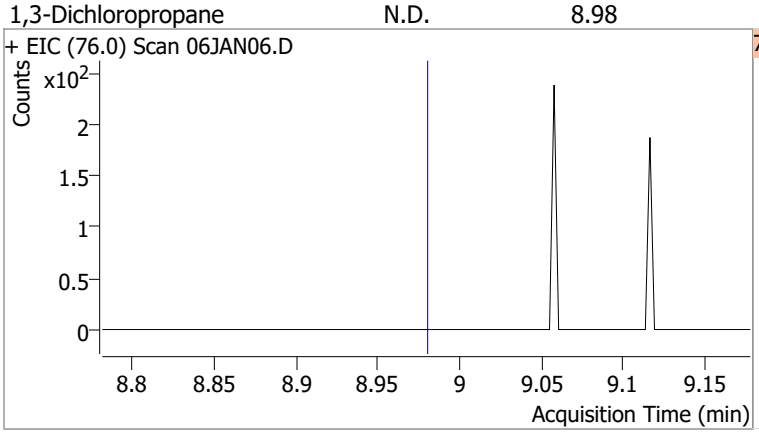


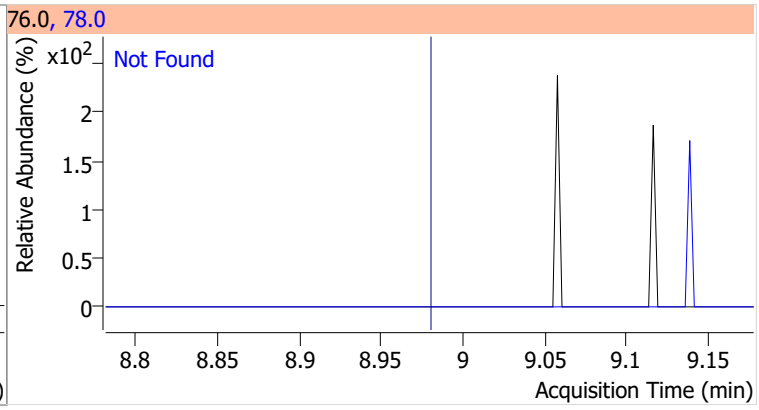
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



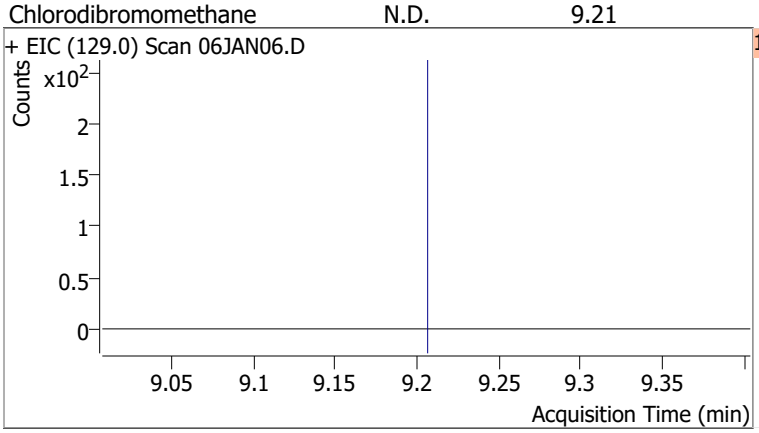


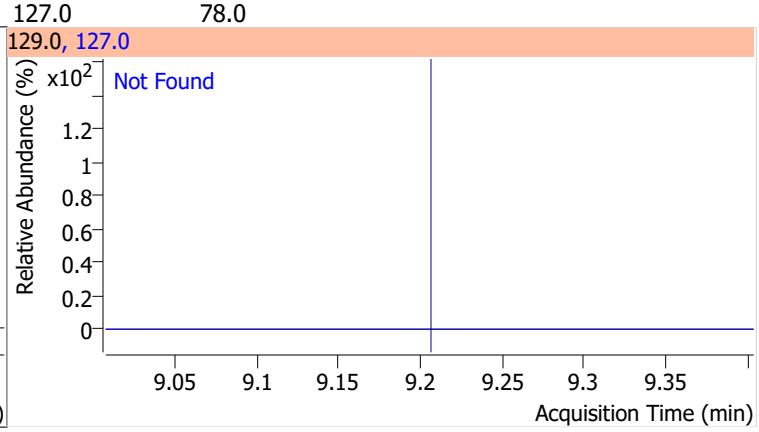
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



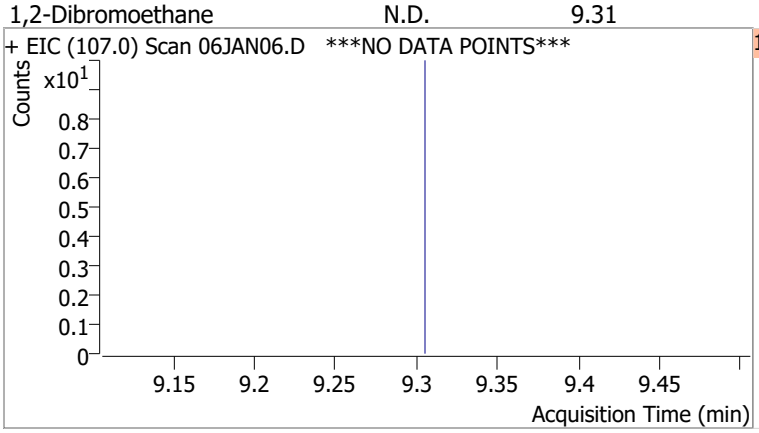


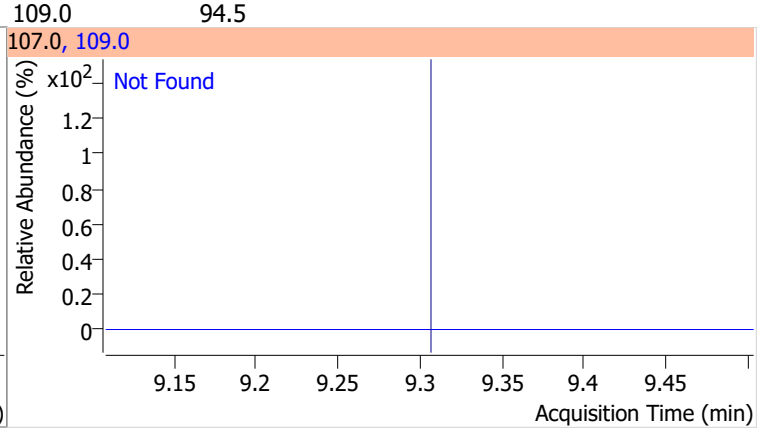
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



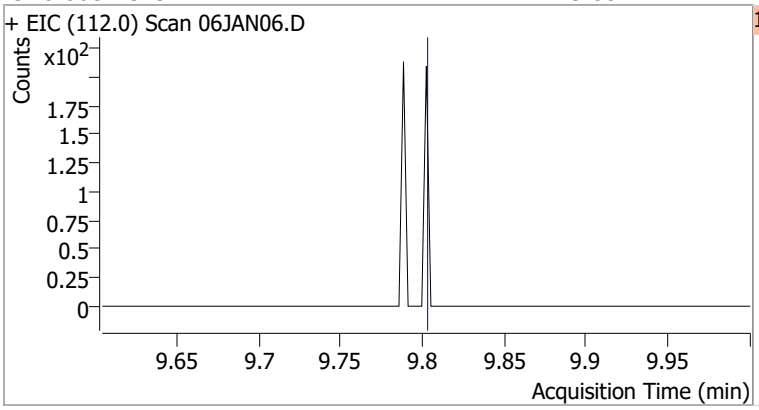


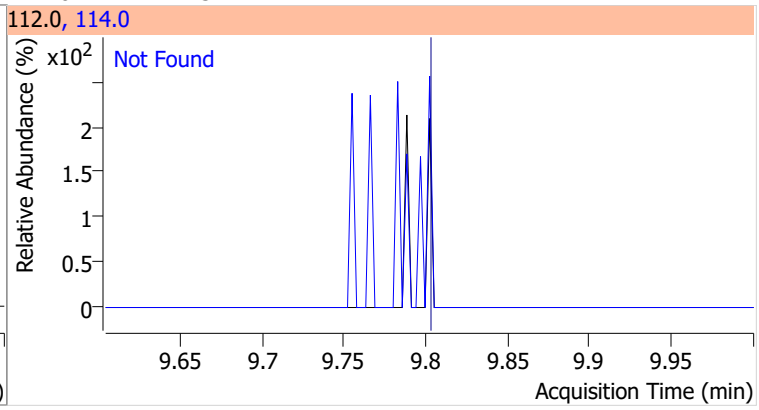
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



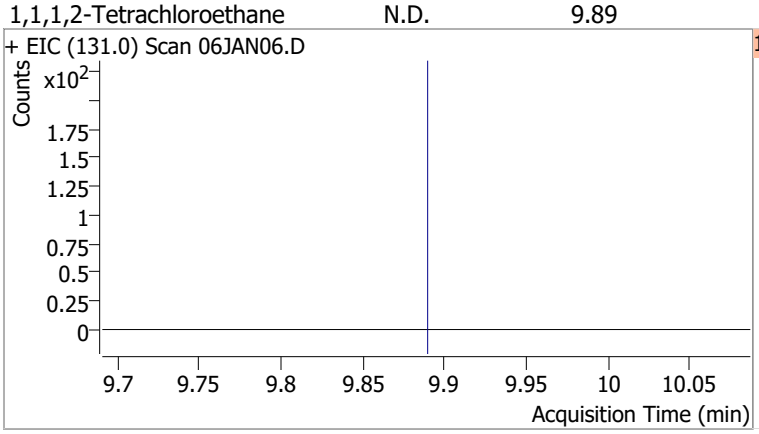


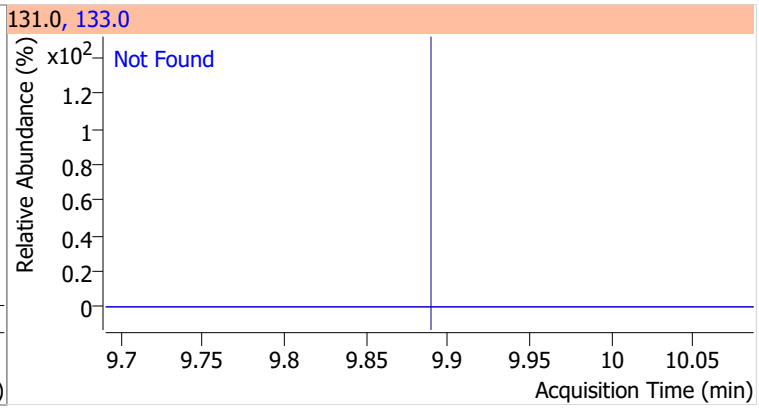
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



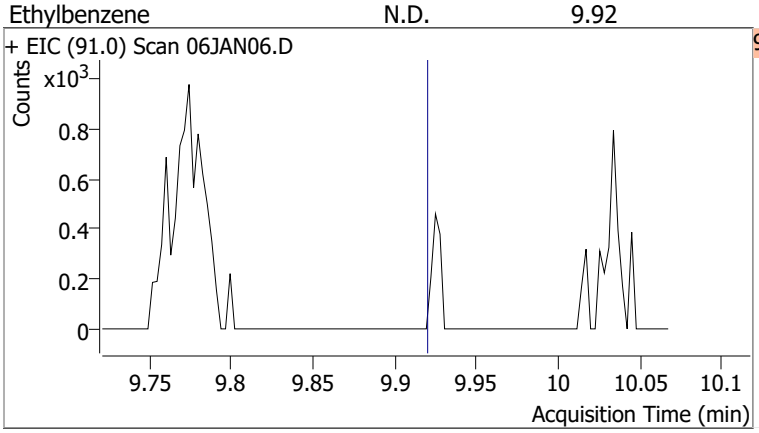


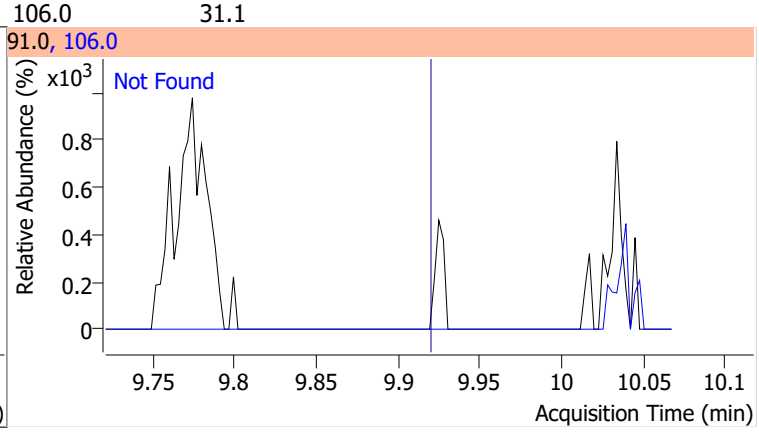
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



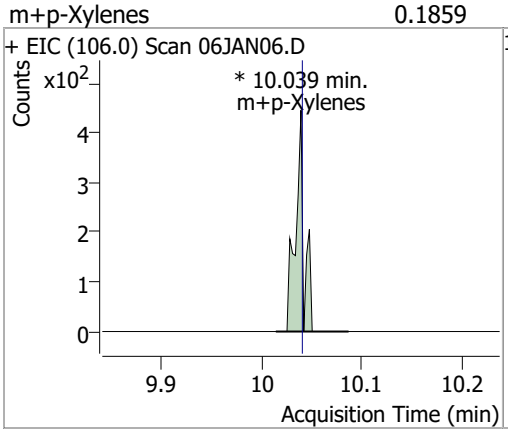


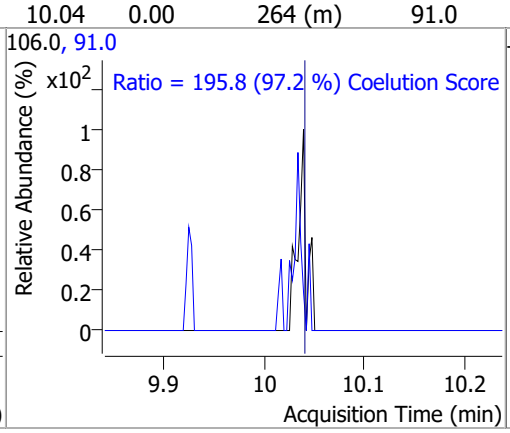
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1

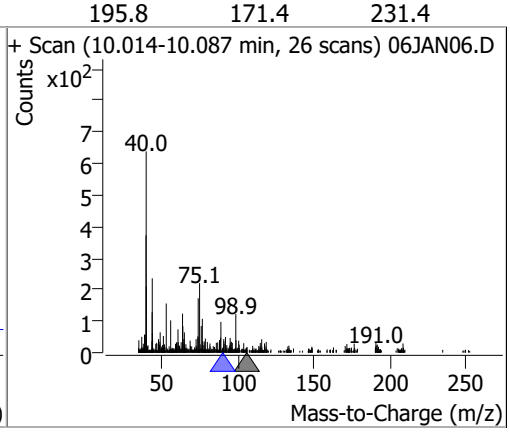




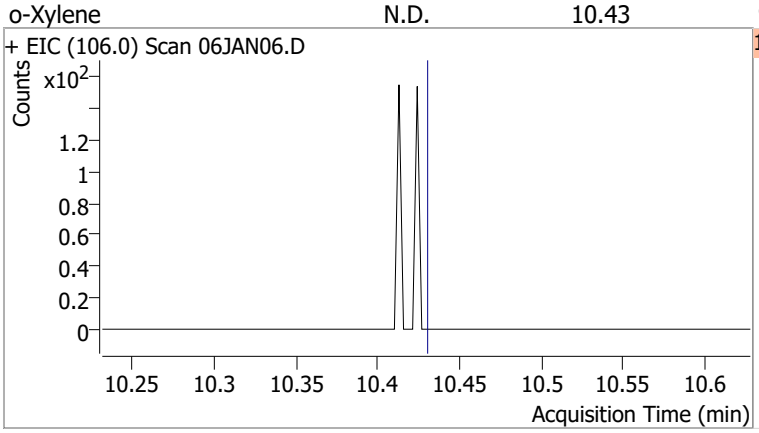
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	0.1859	10.04	0.00	264 (m)	91.0	195.8	171.4	231.4

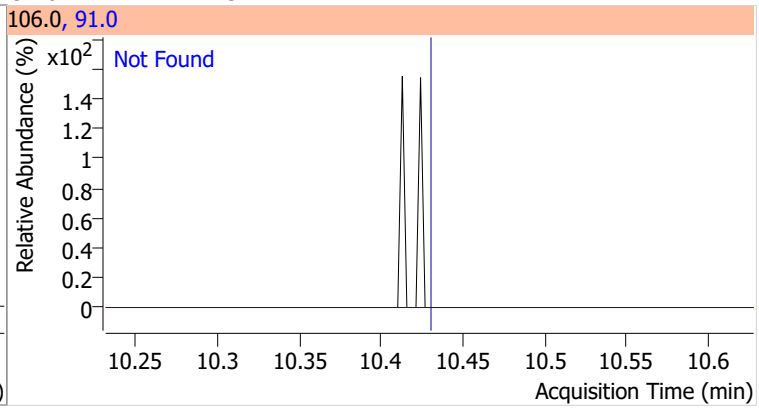




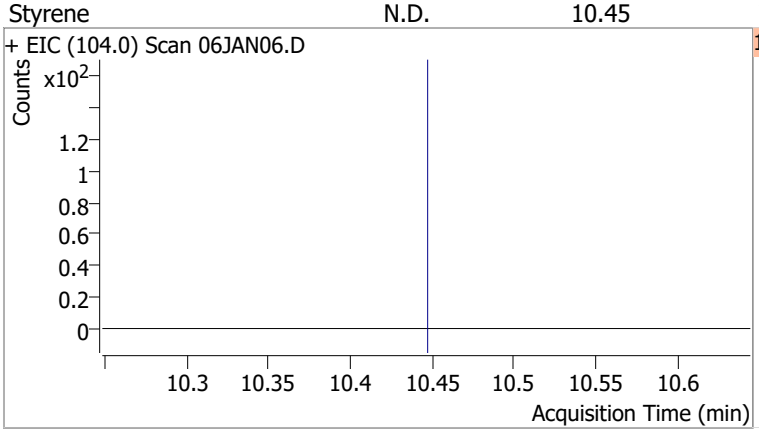


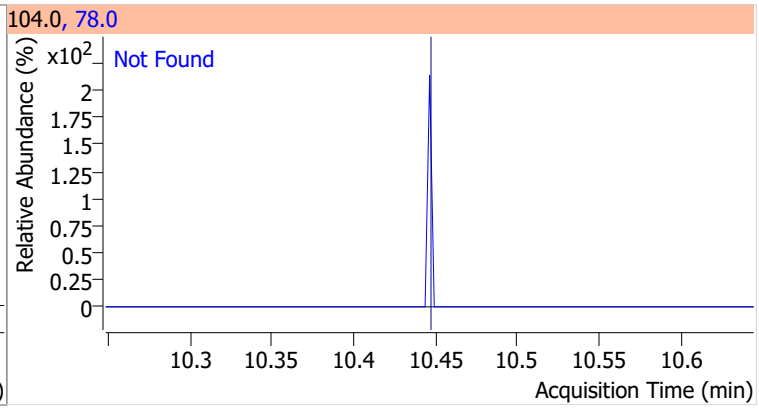
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



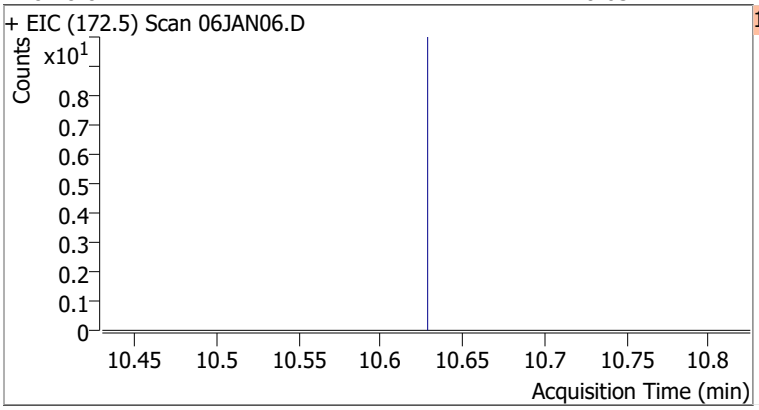


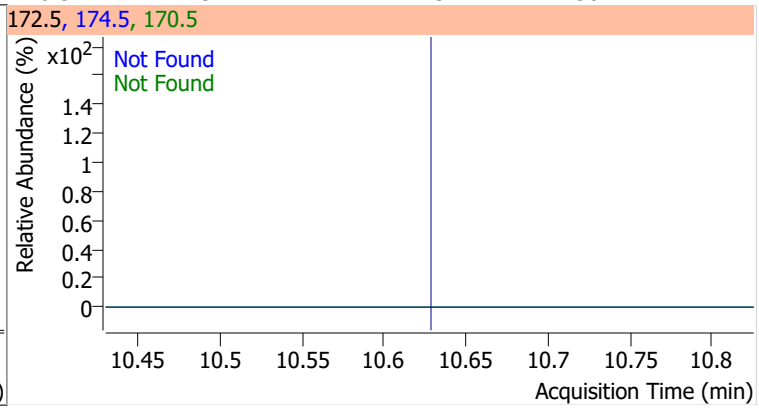
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



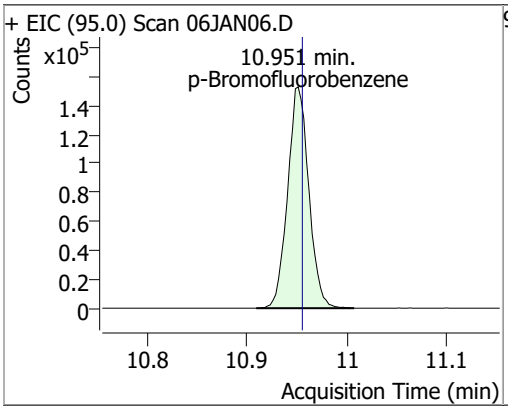


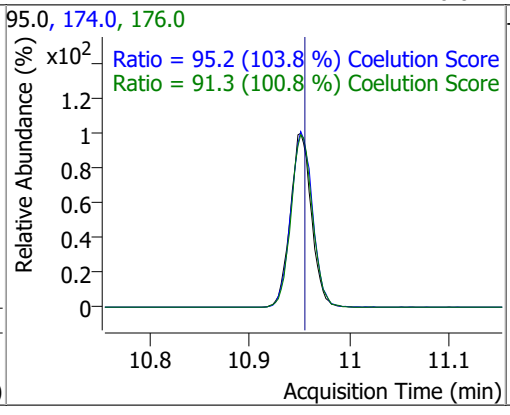
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

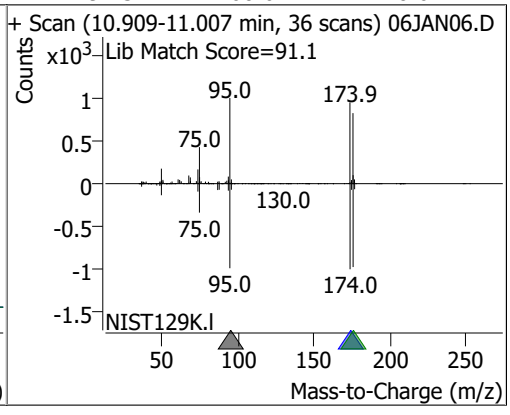




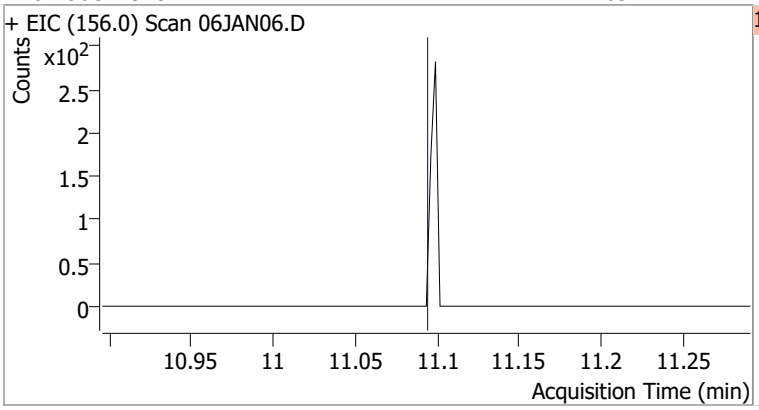
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	266.2219	10.95	0.00	223598	174.0	95.2	61.7	121.7
					176.0	91.3	60.6	120.6

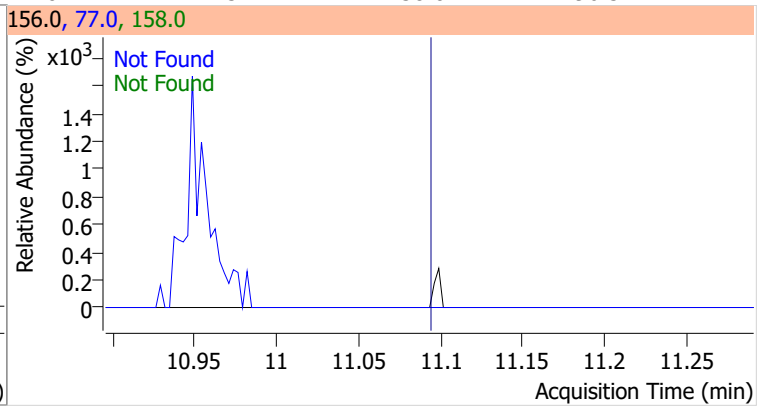




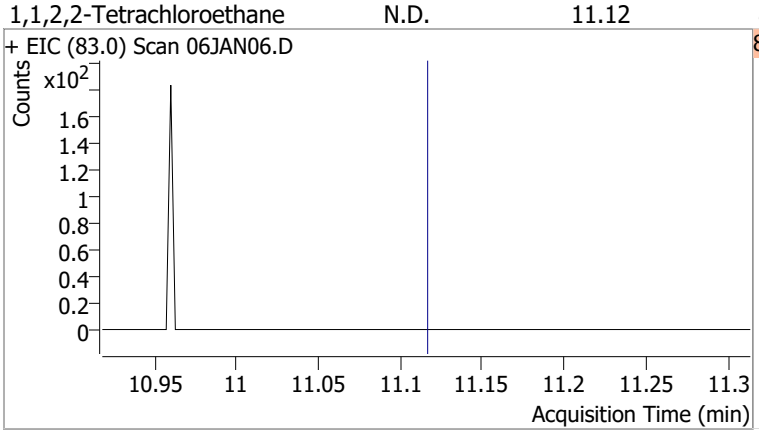


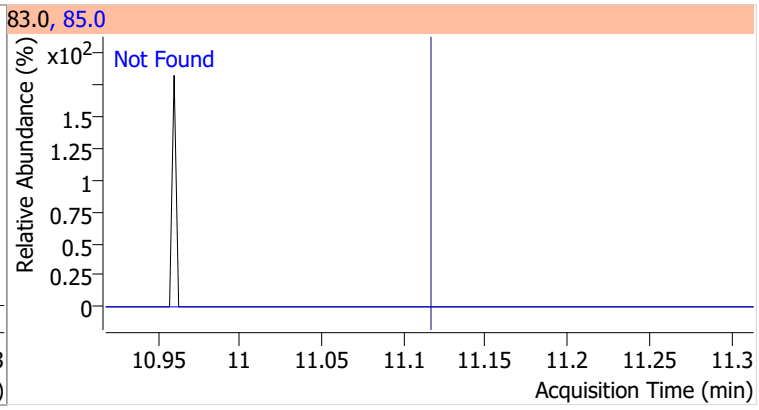
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



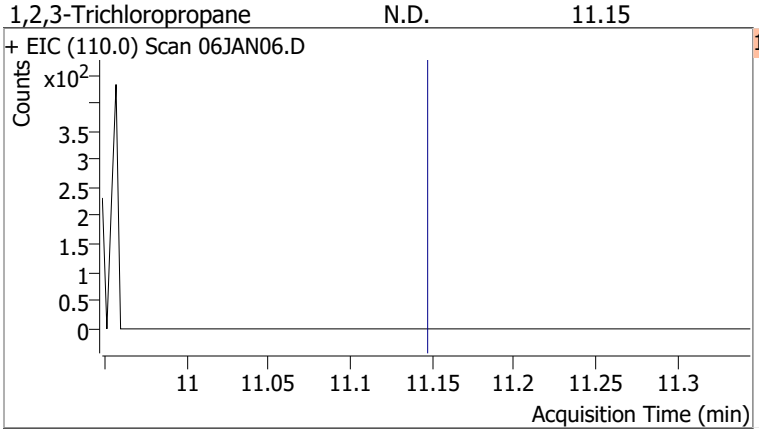


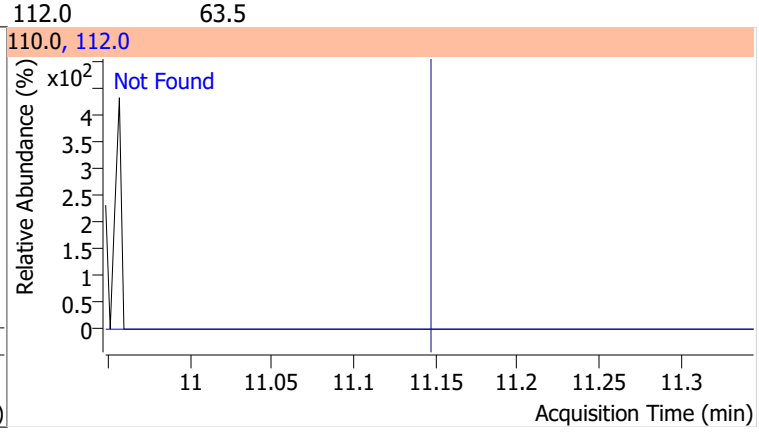
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



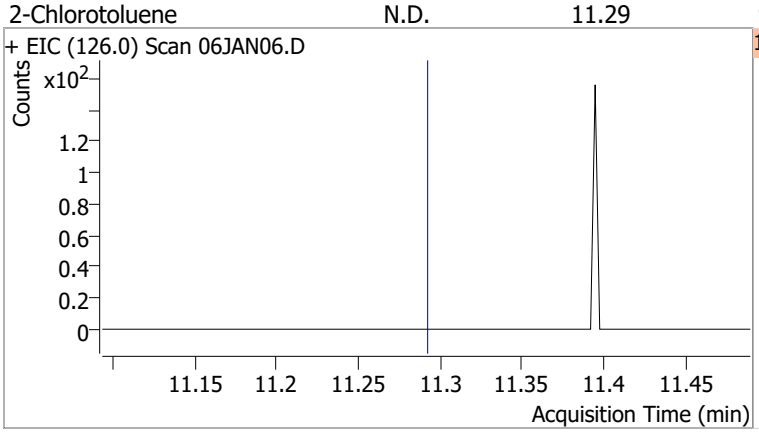


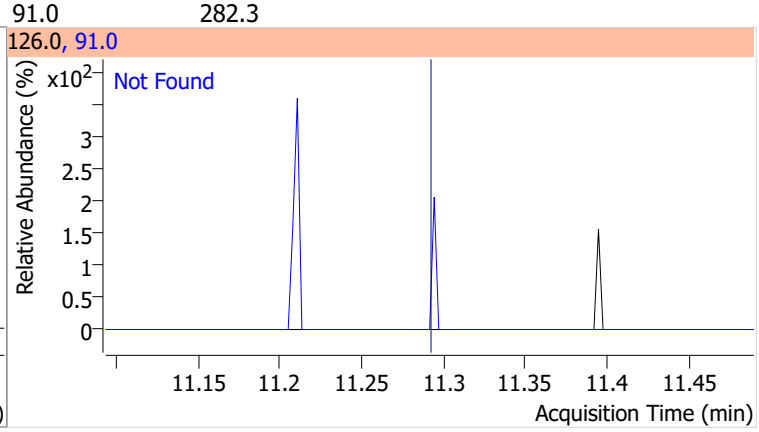
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



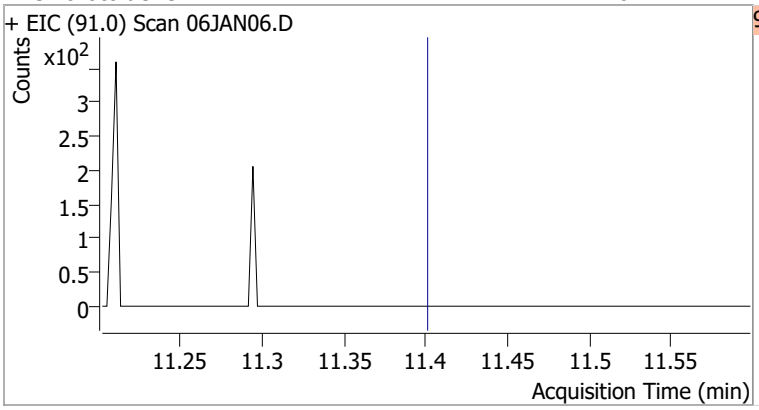


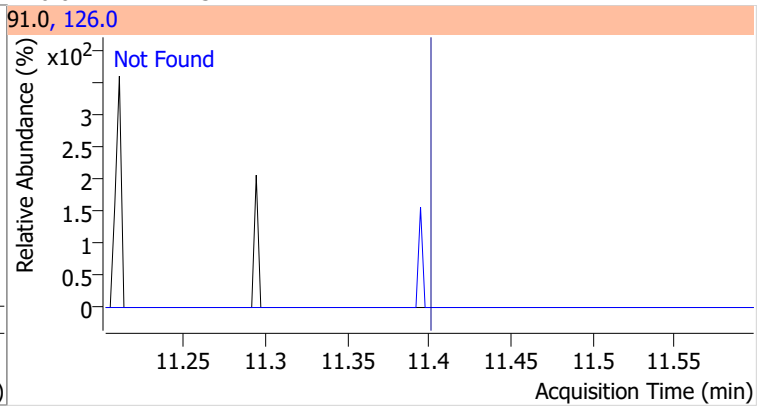
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



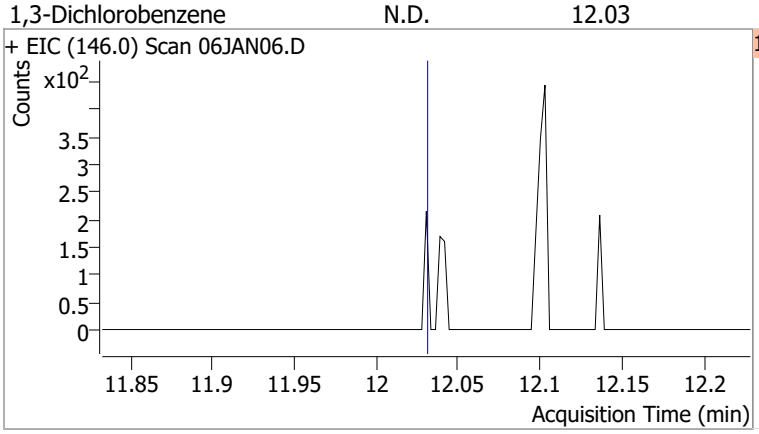


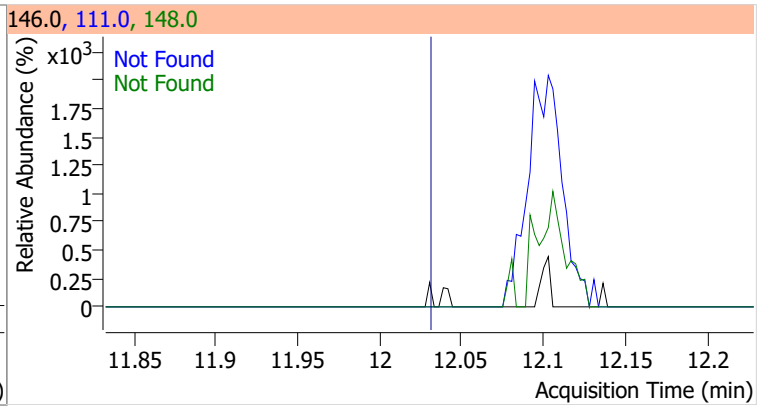
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



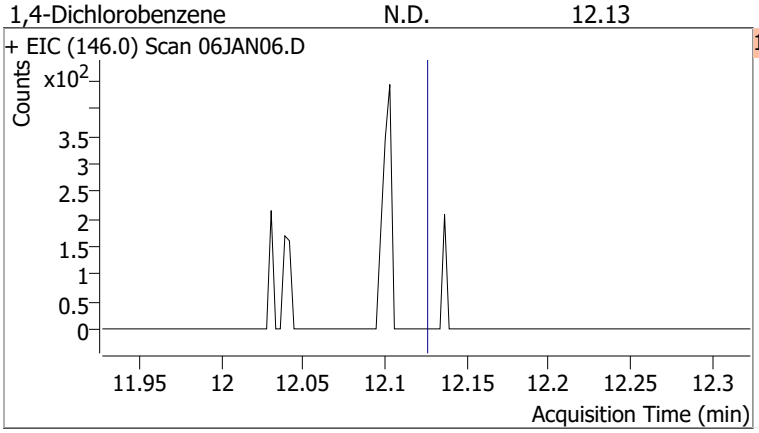


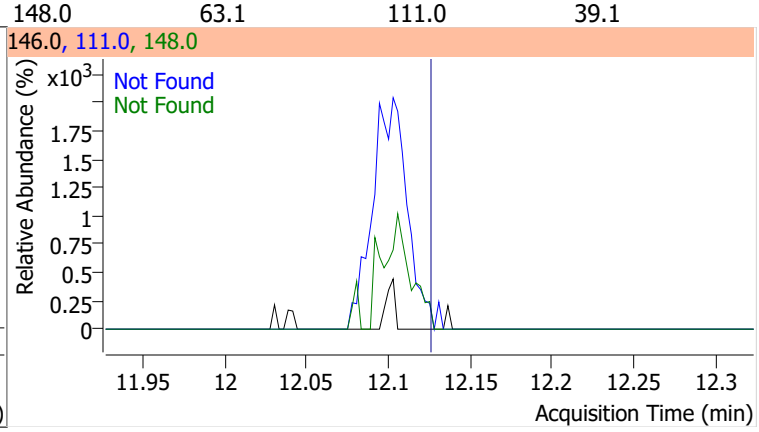
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



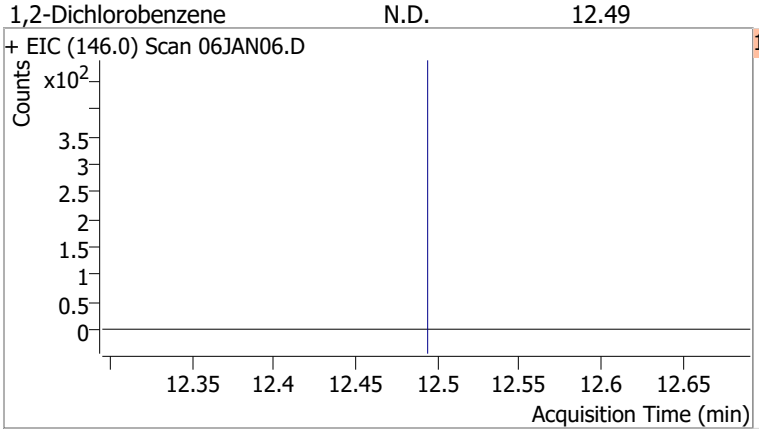


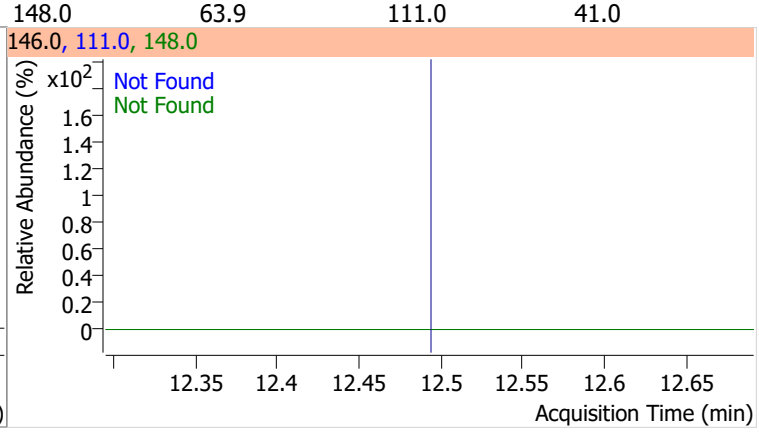
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0

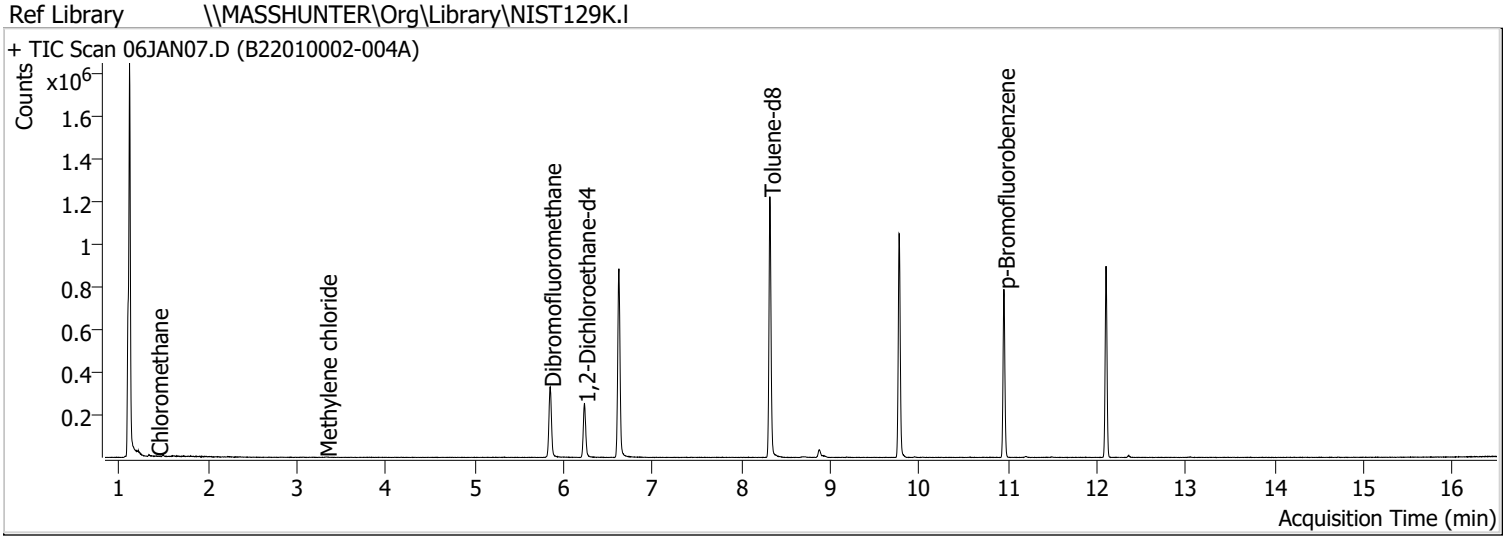




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	06JAN07.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 12:38:52 PM
Sample Name	B22010002-004A	Instrument	VOA5975C
Vial	7	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

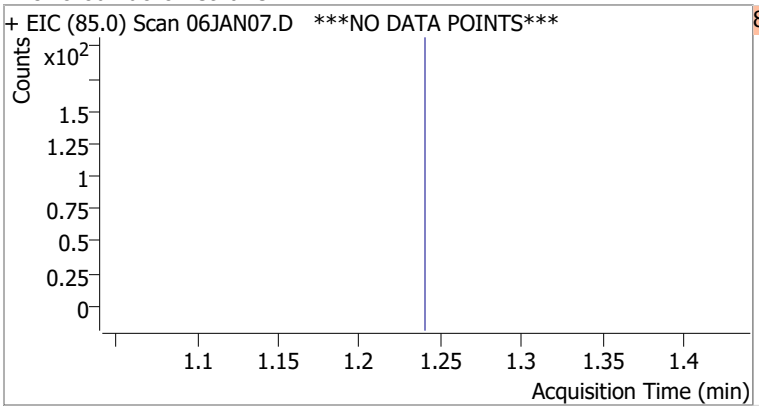


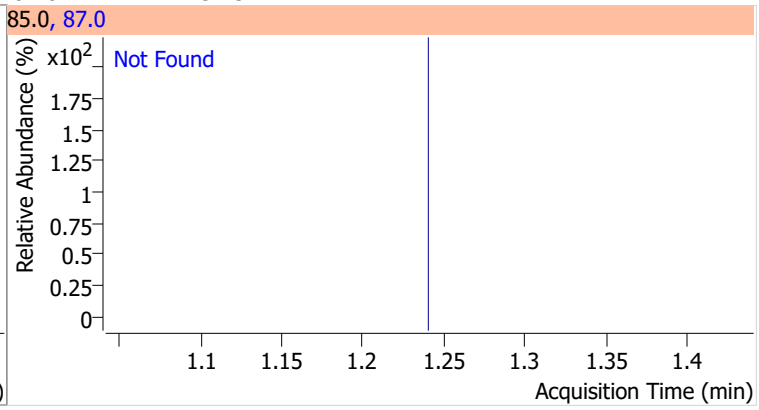
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	743300	250.0000	ng		-0.003
M Chlorobenzene-d5	9.775	82.0	288251	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	212305	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	196704	280.8998	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 112.36%			
S 1,2-Dichloroethane-d4	6.233	67.0	88909	293.9495	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 117.58%			
S Toluene-d8	8.319	98.0	732781	263.8053	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.52%			
S p-Bromofluorobenzene	10.951	95.0	213537	274.5461	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 109.82%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.425	50.0	1221	1.0324	ng	m	80
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.324	49.0	1400	1.2684	ng	m	87
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.656	83.0	0		ng	md	1

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

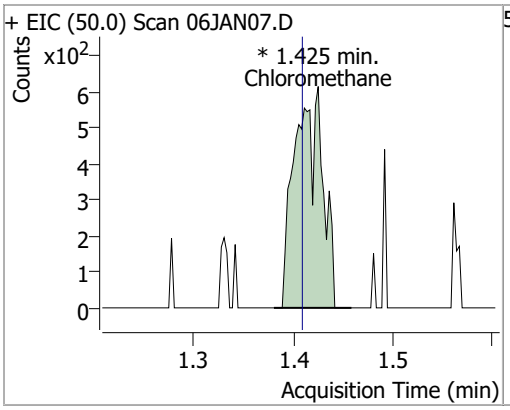
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

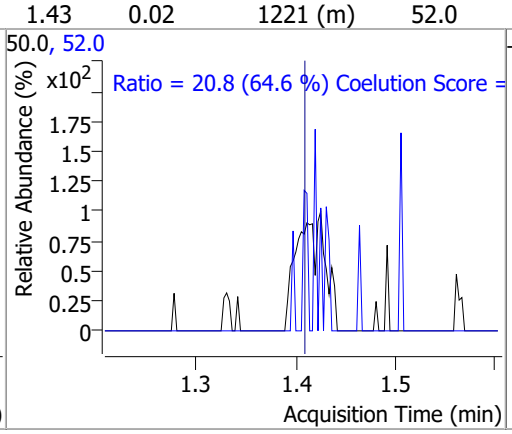
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

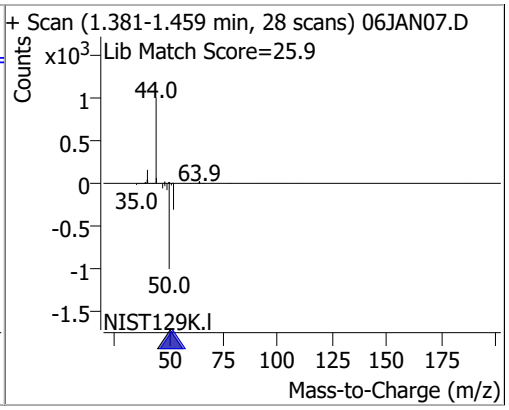




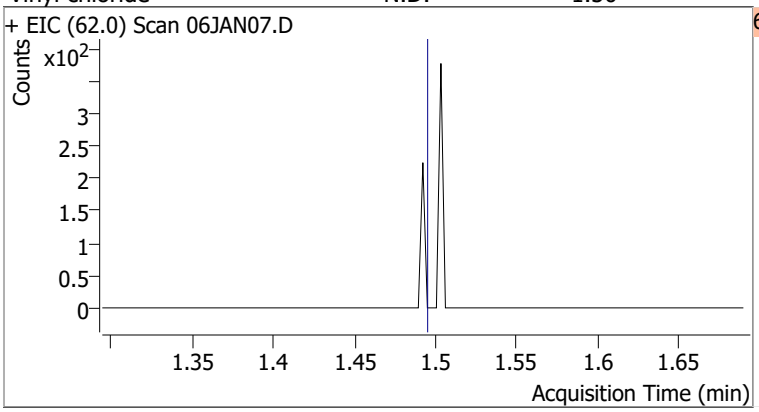
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.0324	1.43	0.02	1221 (m)	52.0	20.8	2.1	62.1

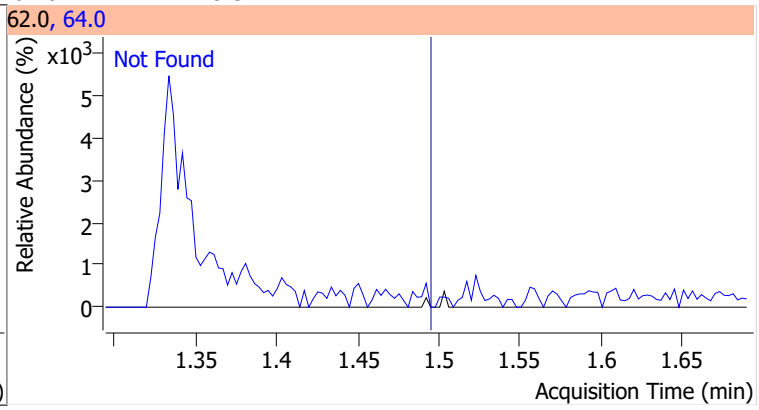




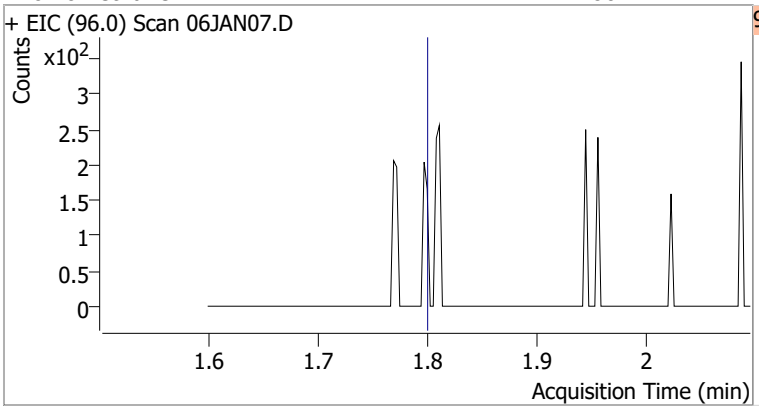


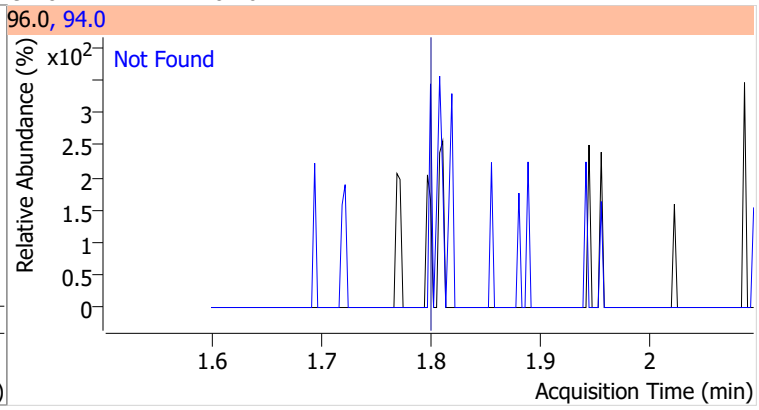
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



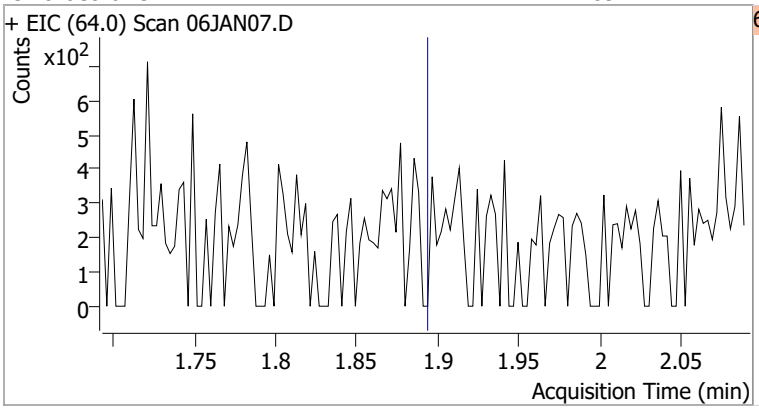


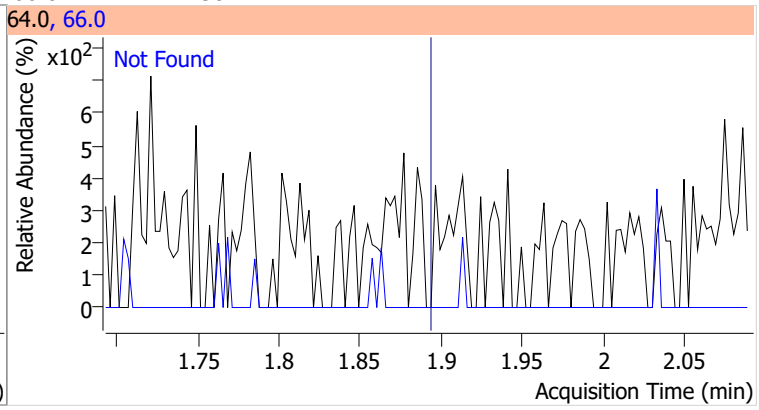
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



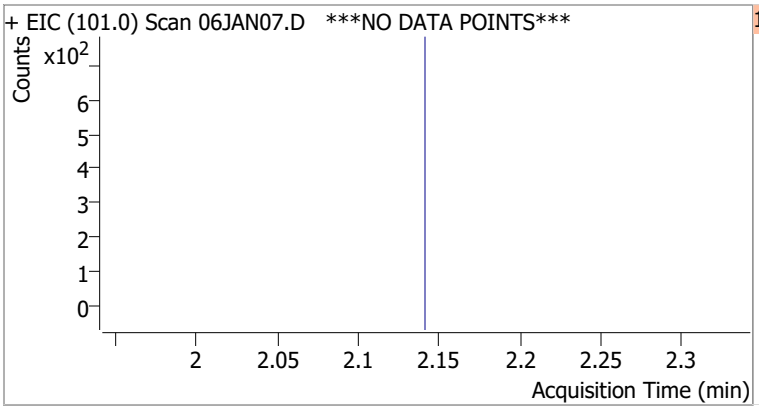


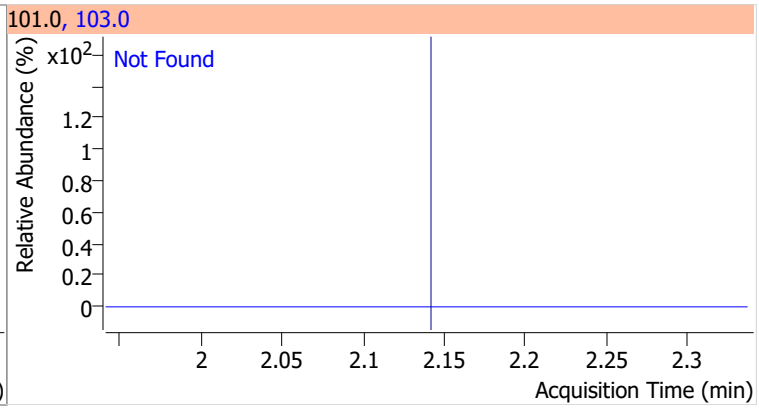
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



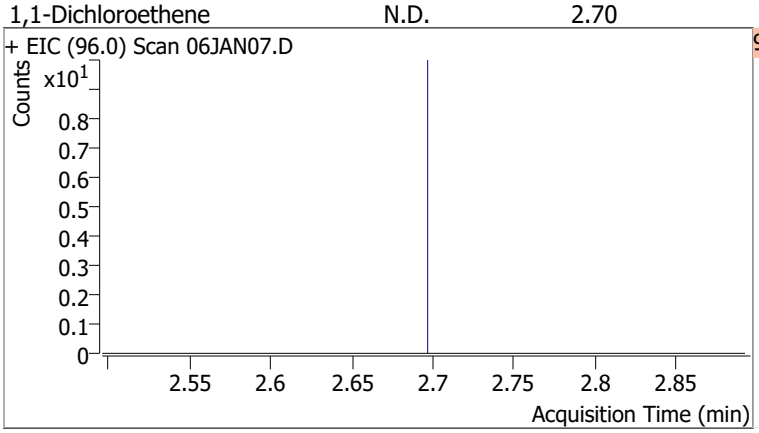


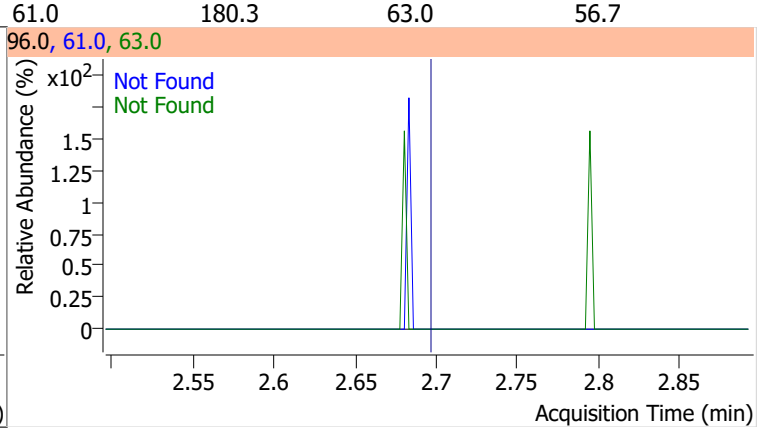
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



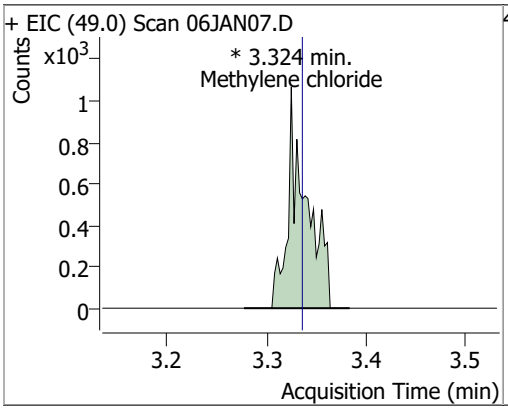


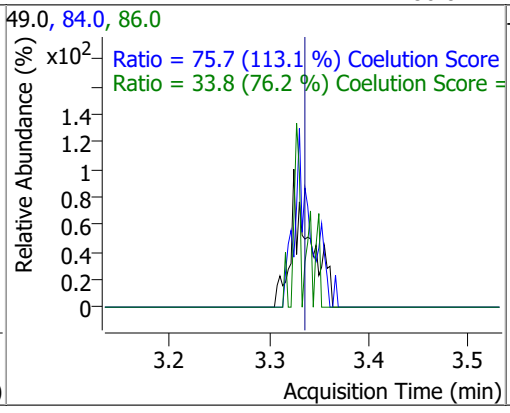
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

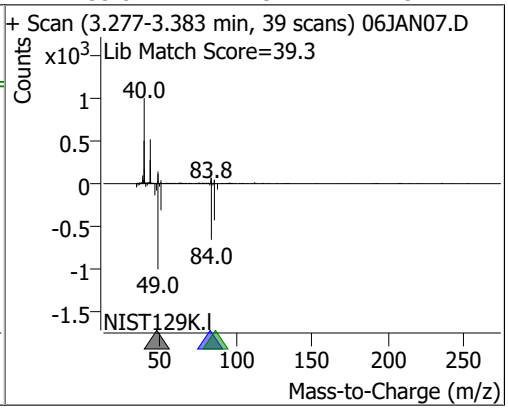




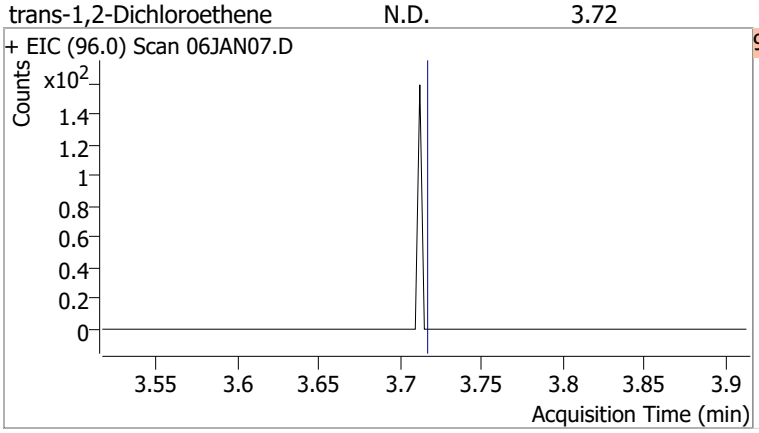
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.2684	3.32	-0.01	1400 (m)	84.0	75.7	36.9	96.9
					86.0	33.8	14.3	74.3

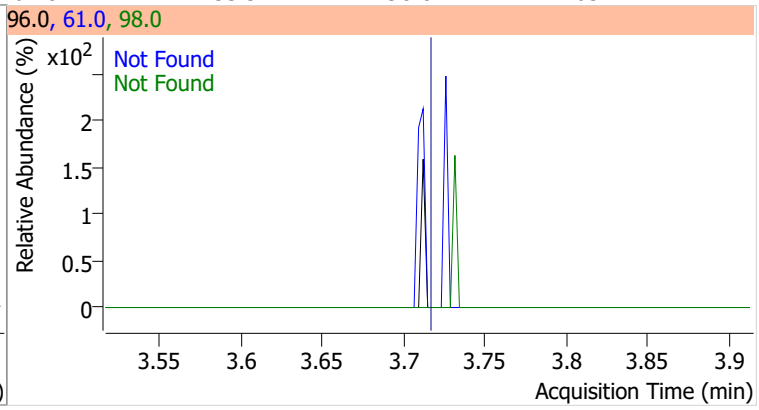




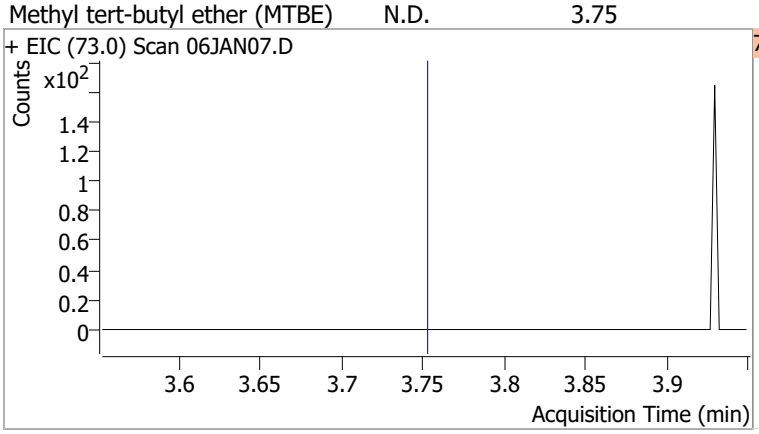


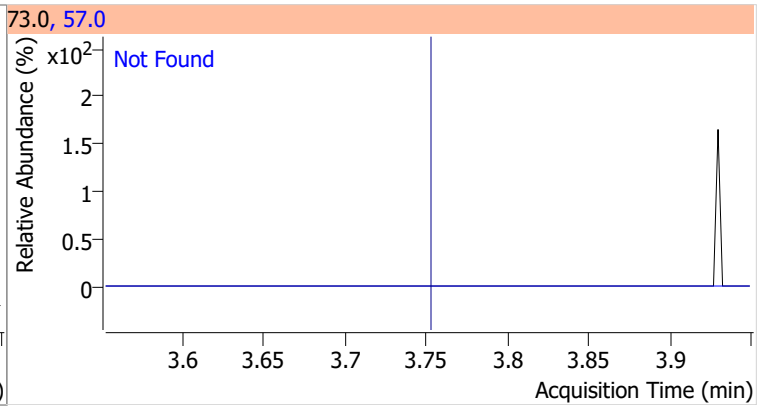
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



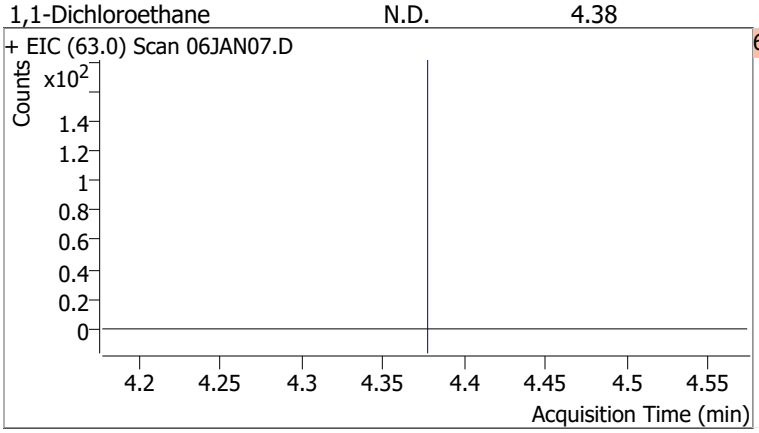


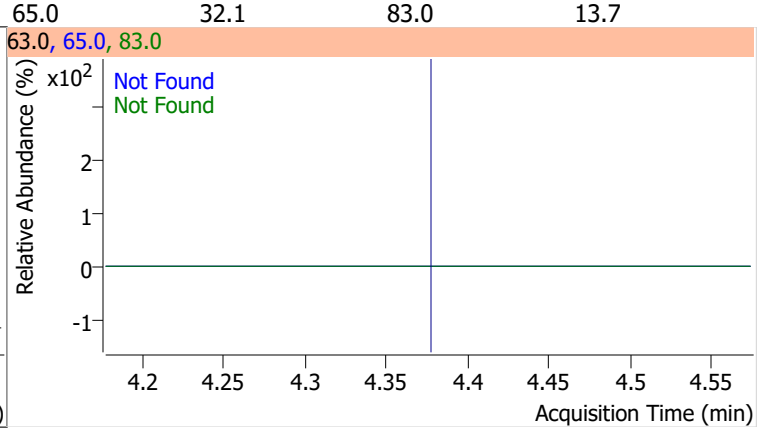
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



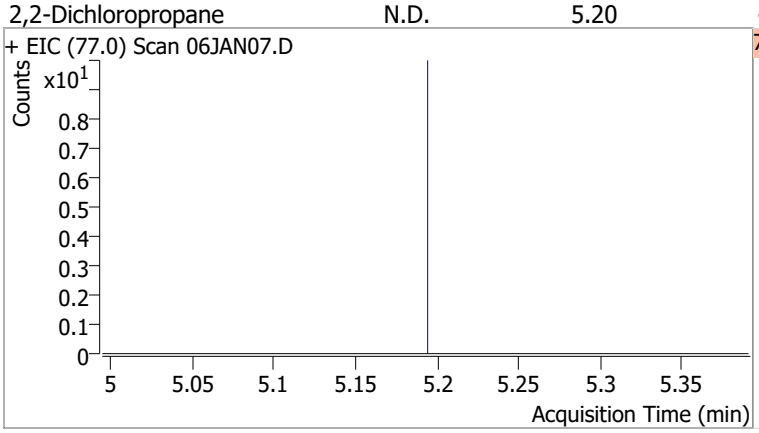


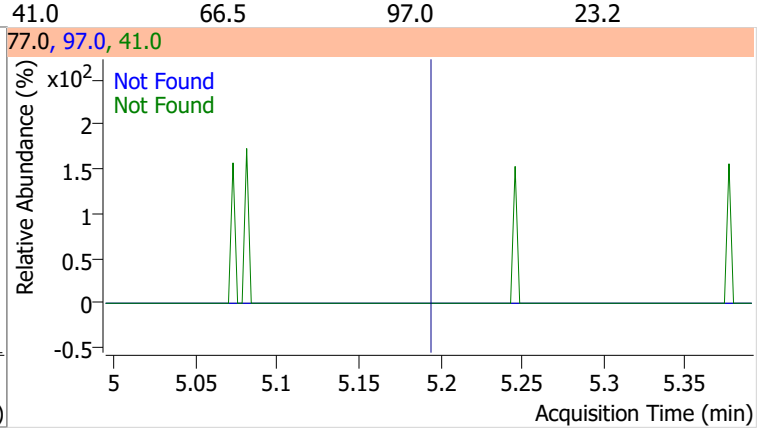
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



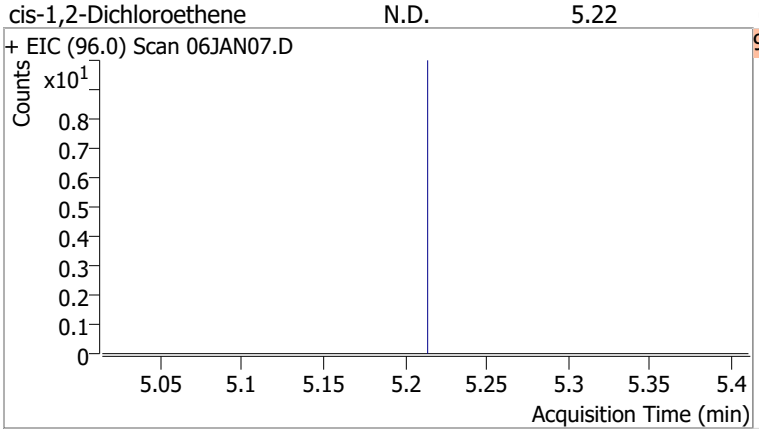


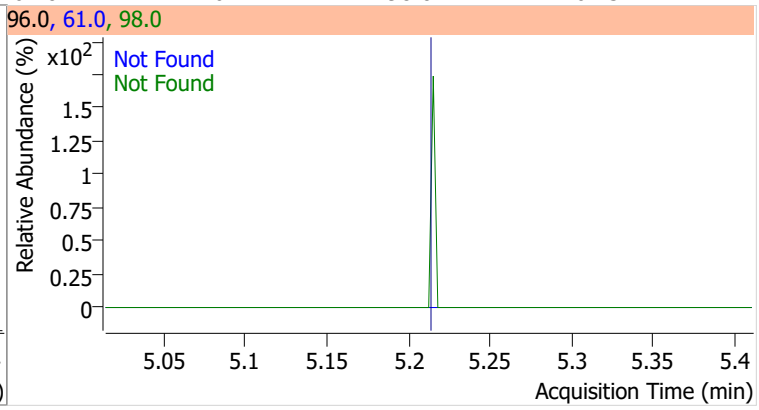
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



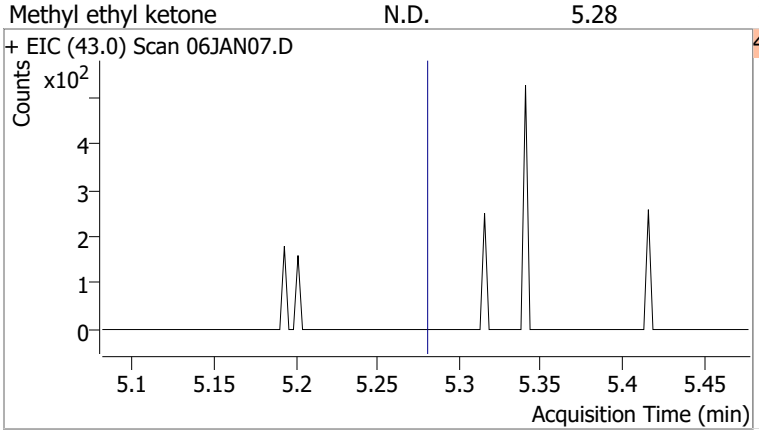


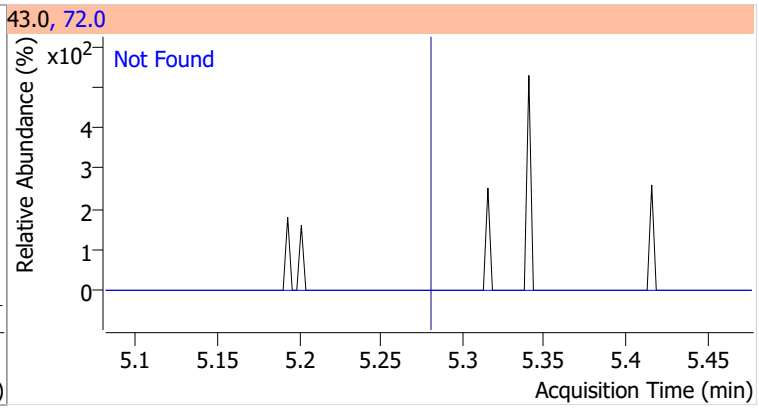
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



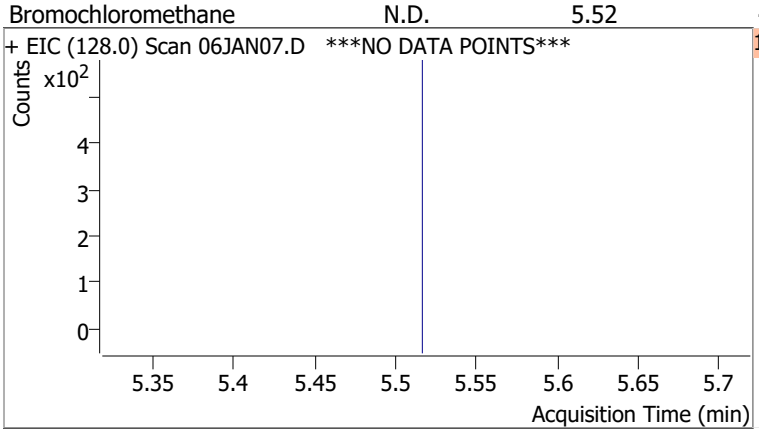


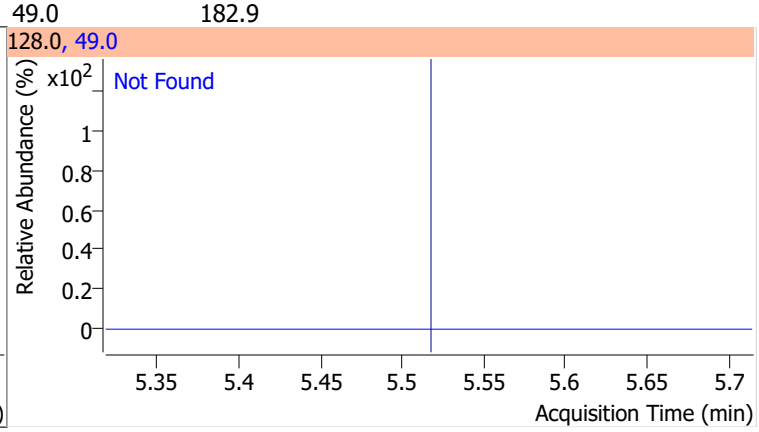
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



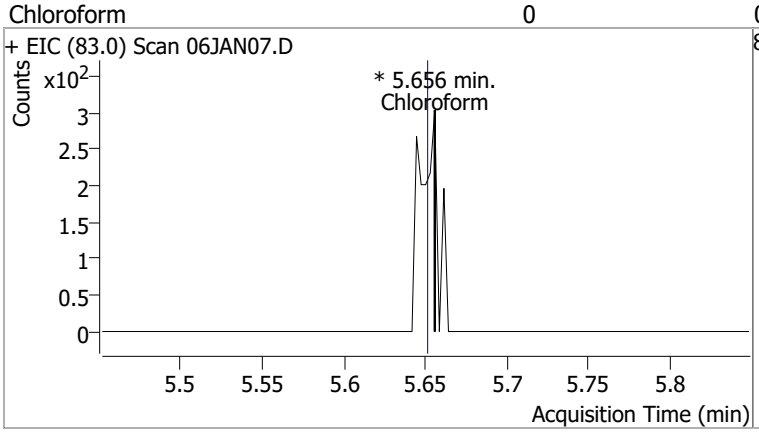


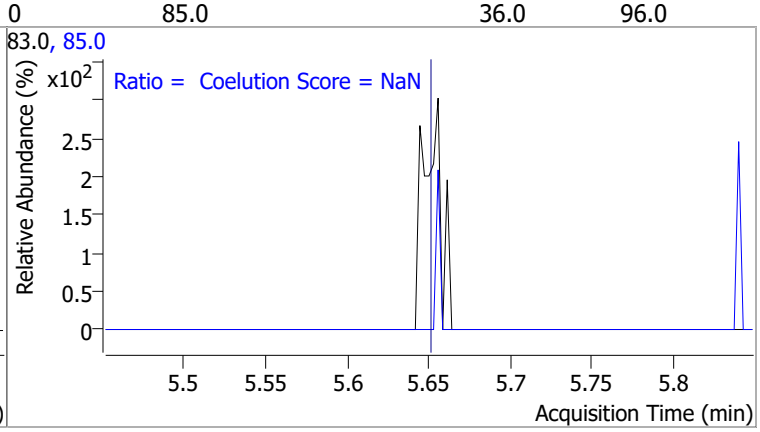
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



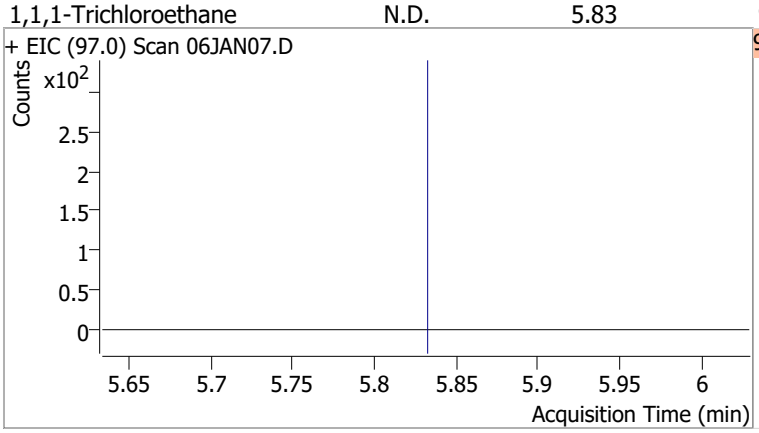


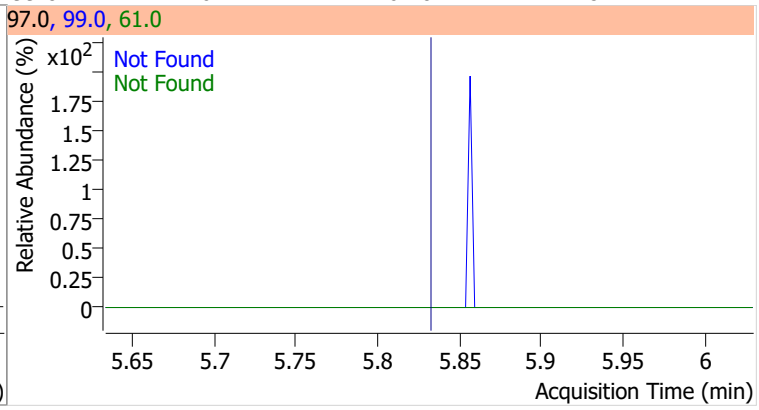
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform		0		0	85.0		36.0	96.0



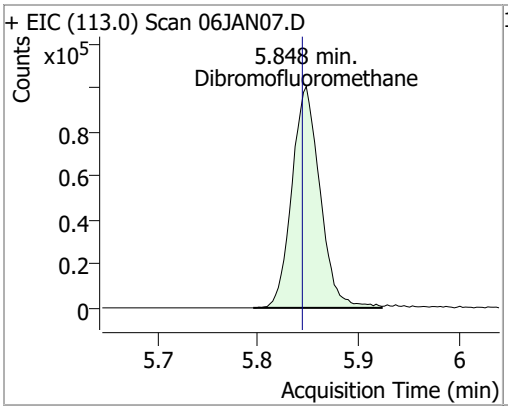


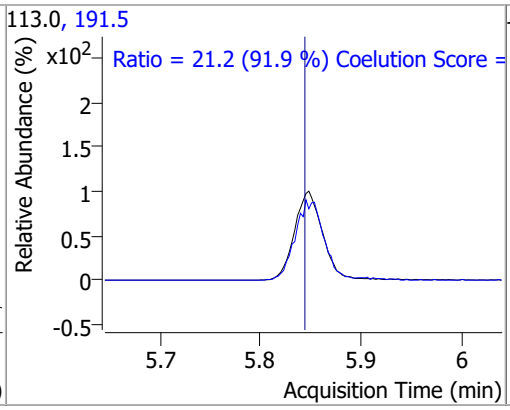
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

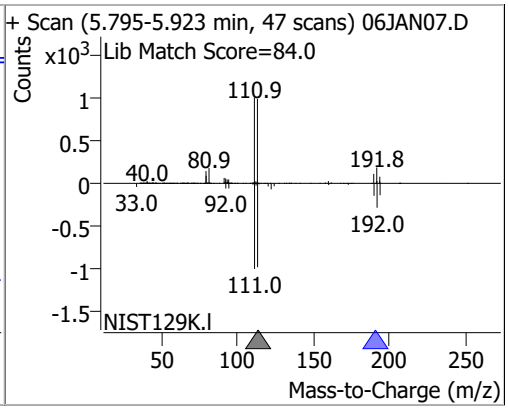




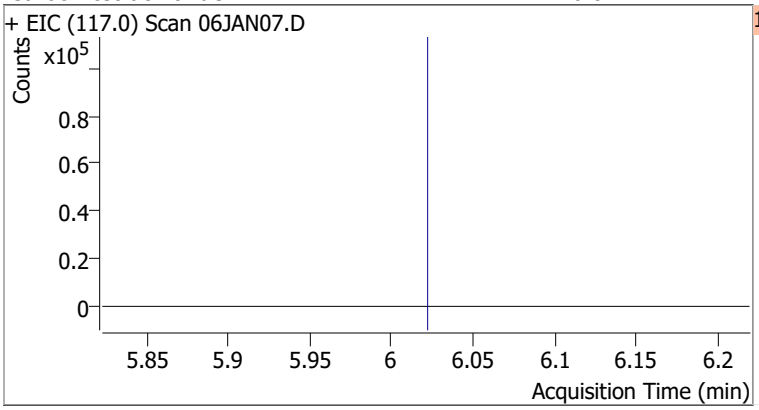
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	280.8998	5.85	0.00	196704	191.5	21.2	0.0	53.1

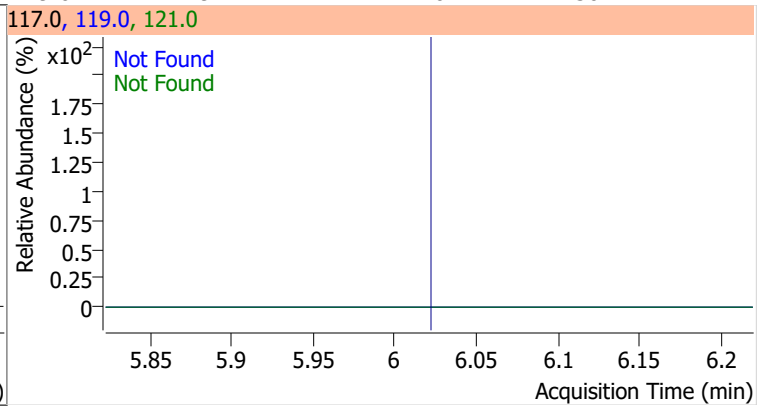




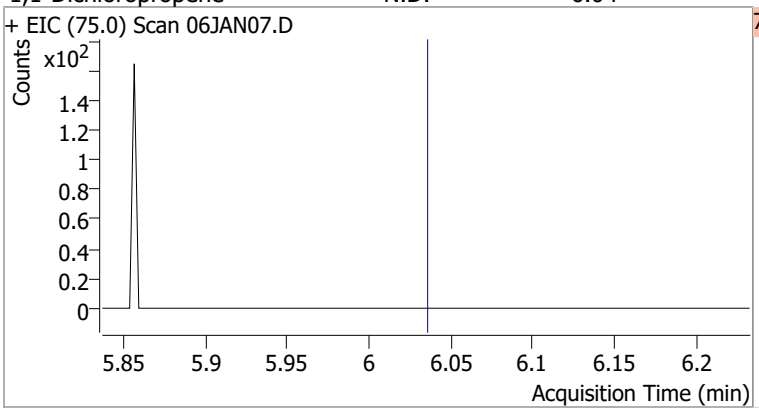


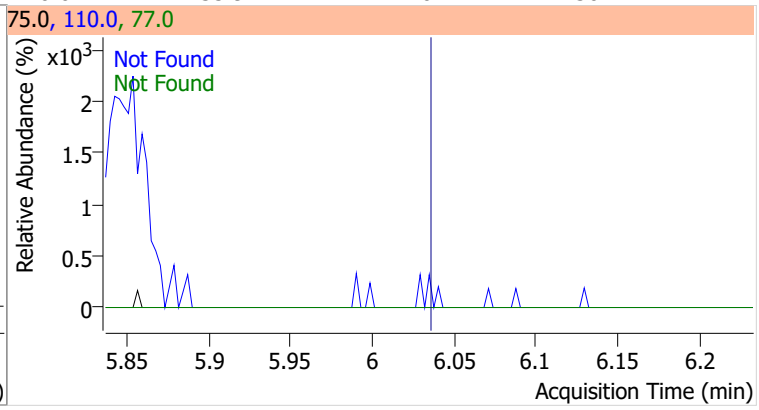
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



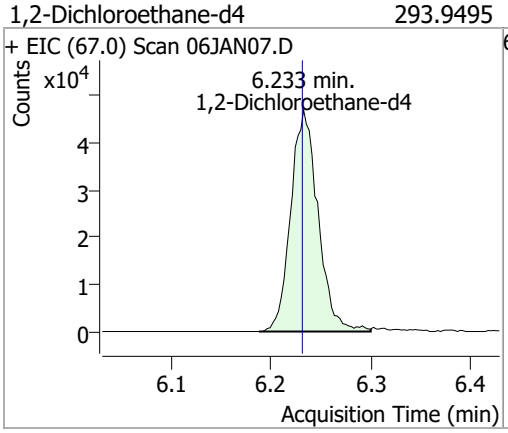


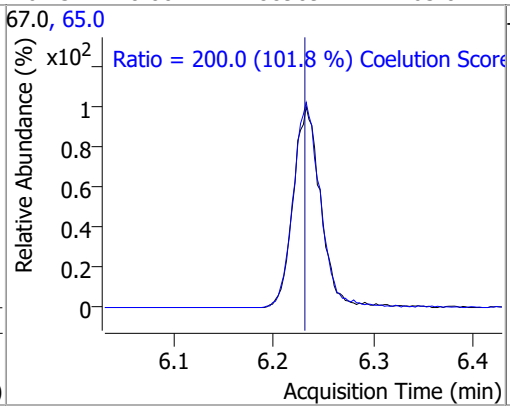
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

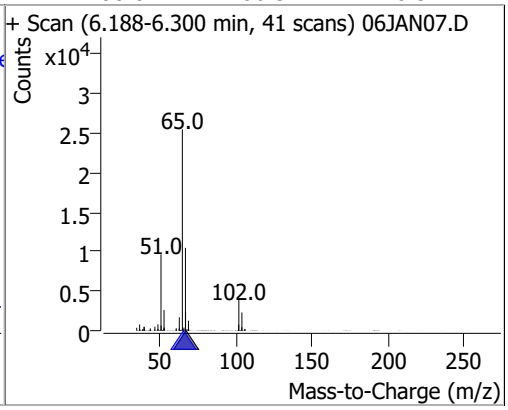




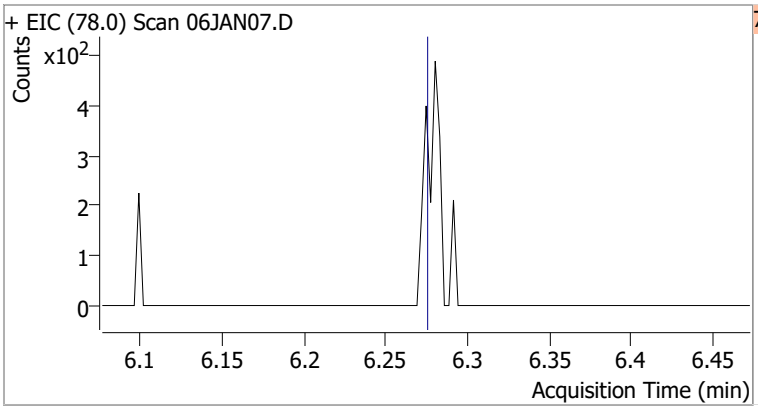
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	293.9495	6.23	0.00	88909	65.0	200.0	166.5	226.5

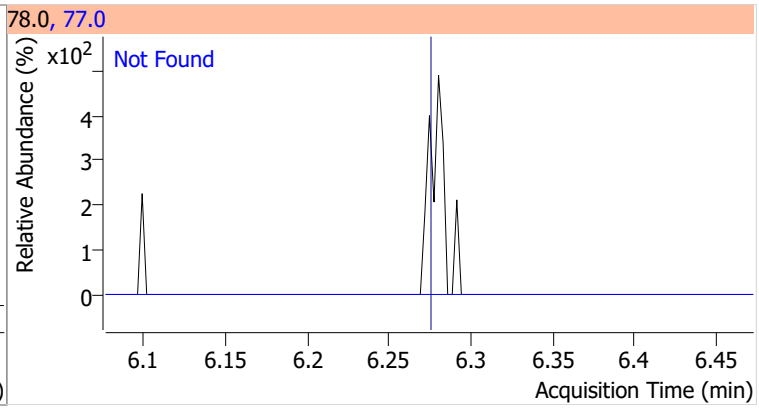




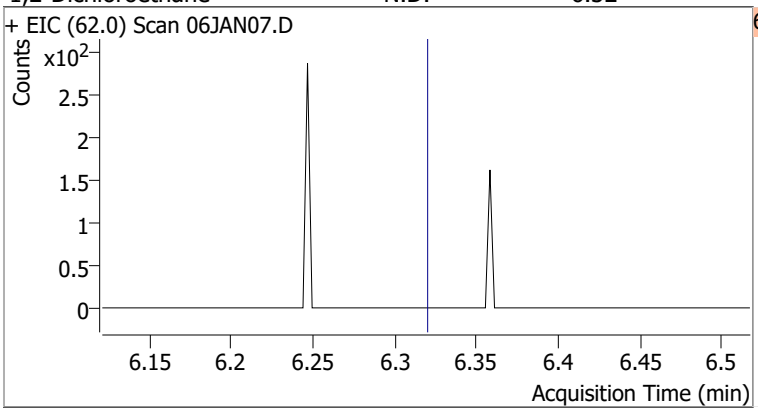


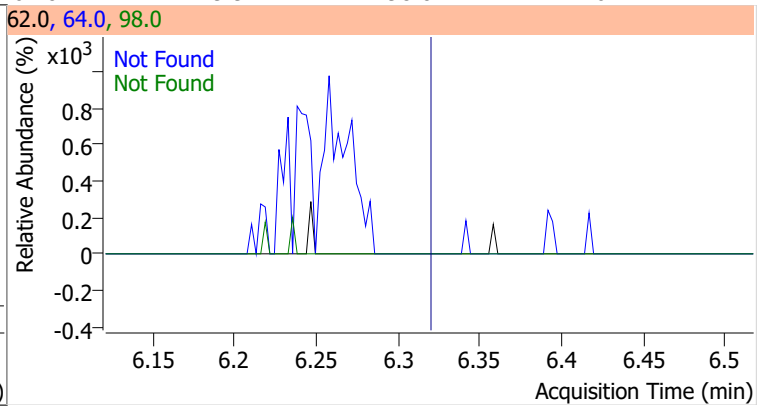
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



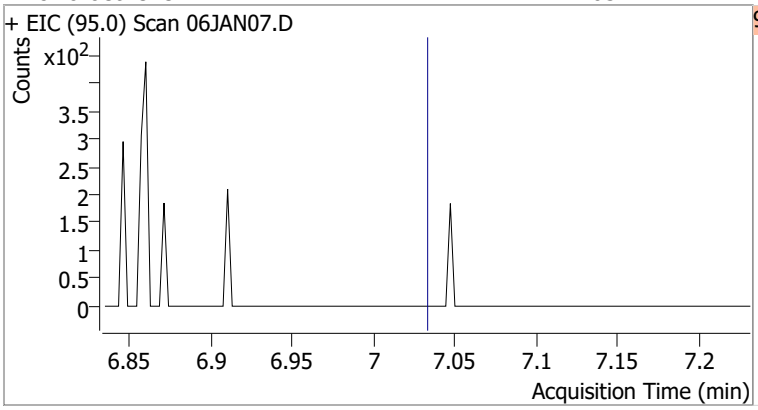


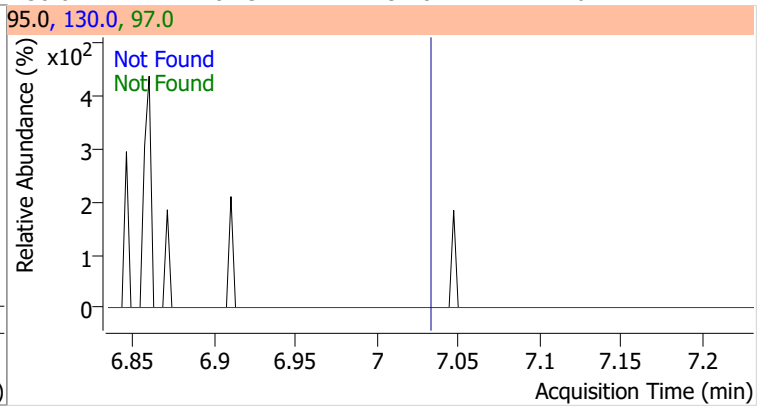
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



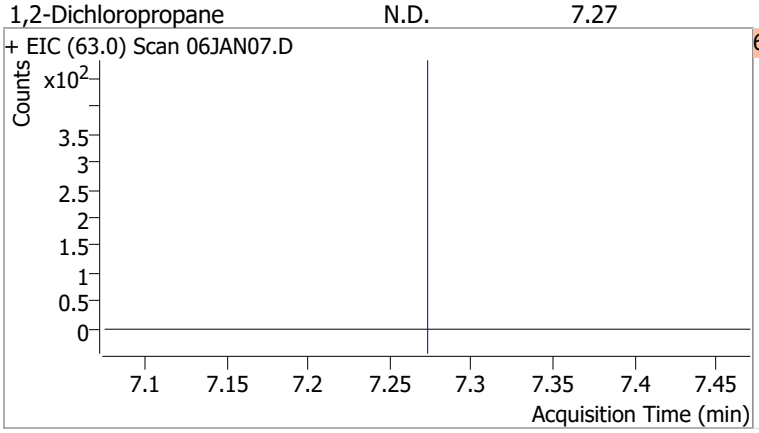


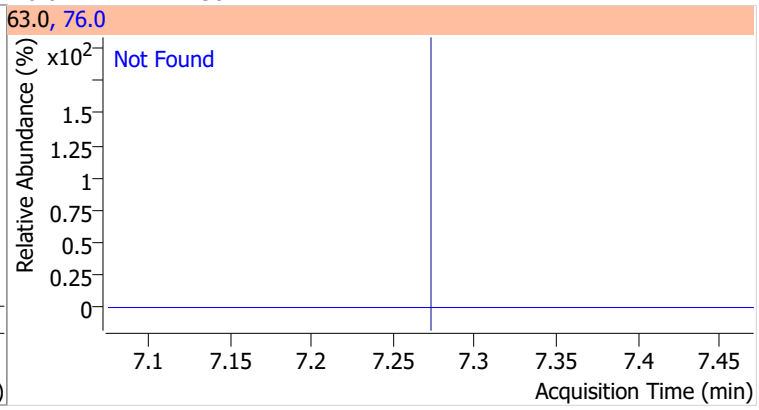
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



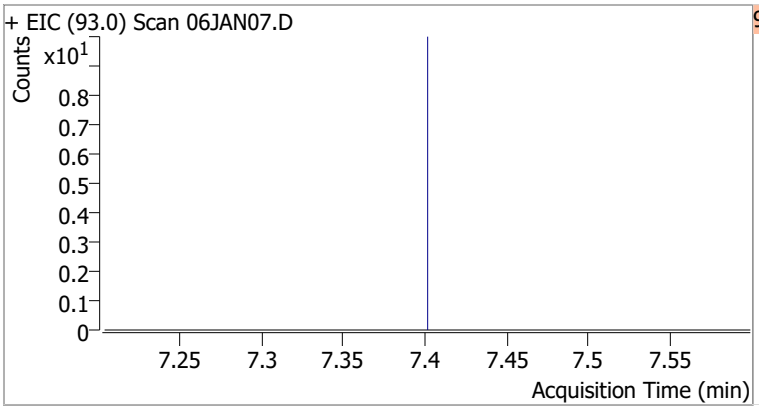


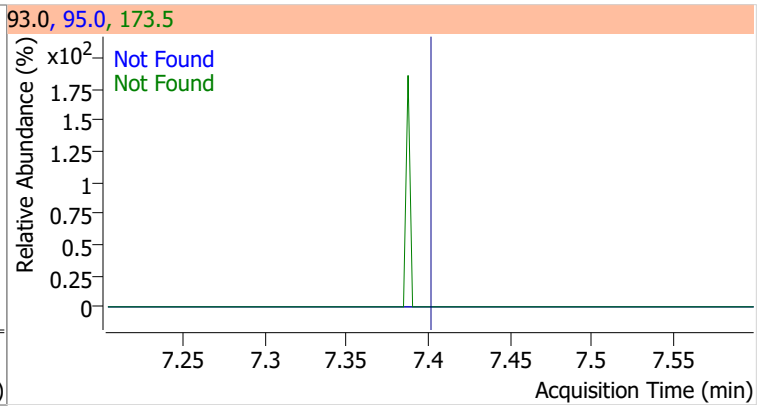
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



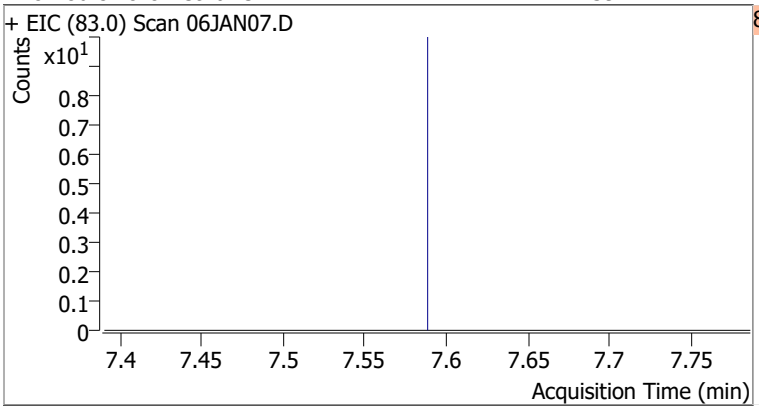


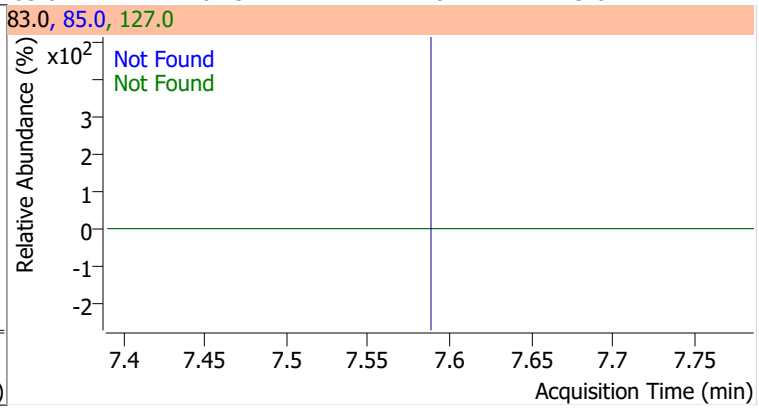
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



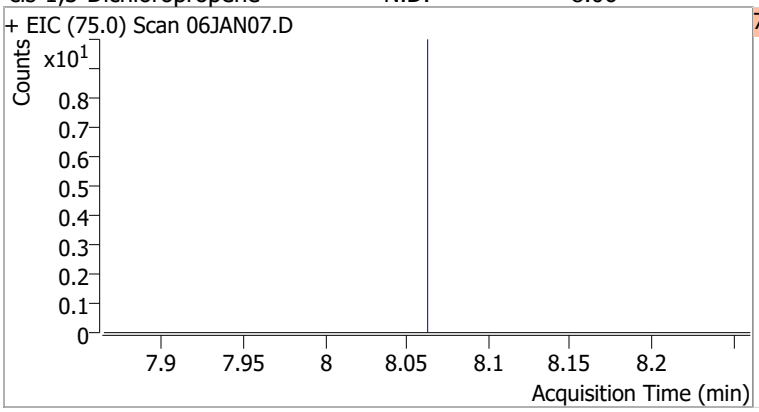


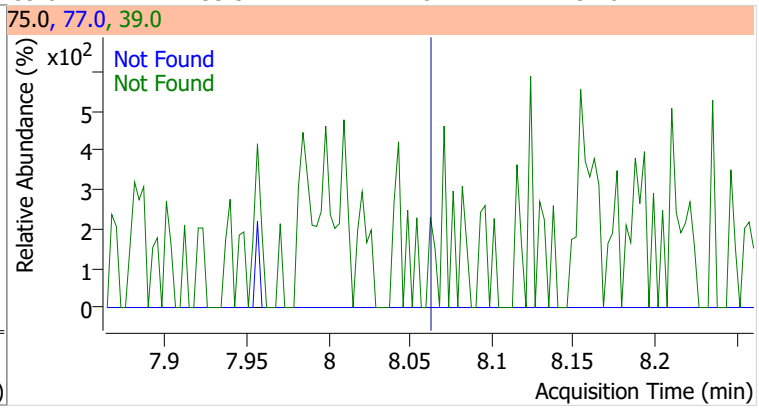
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



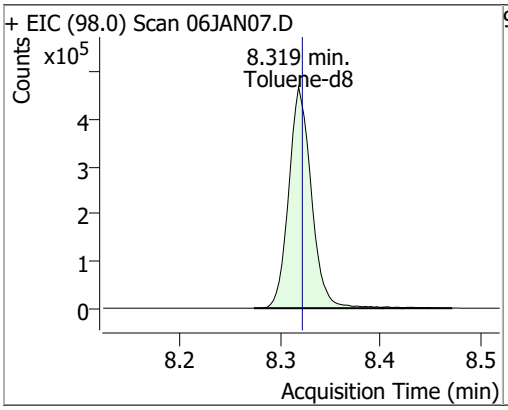


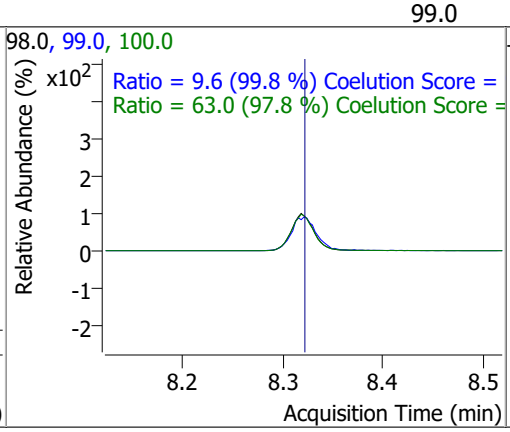
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

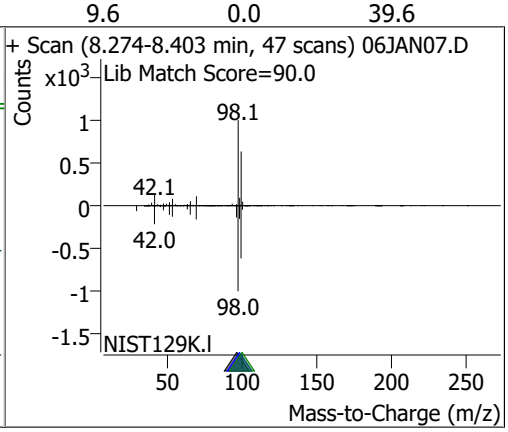




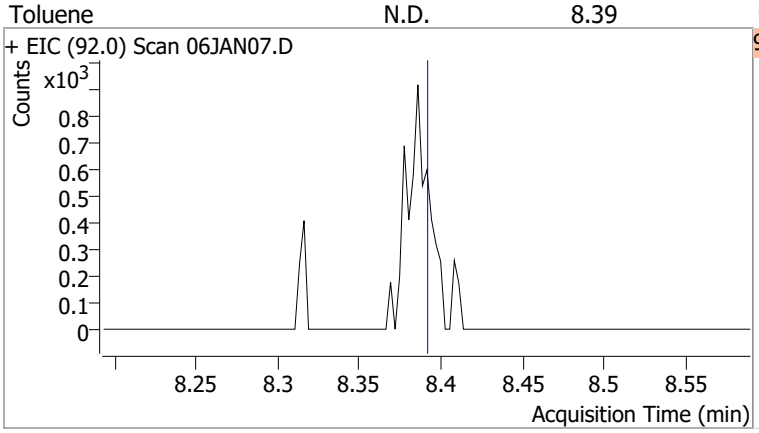
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	263.8053	8.32	0.00	732781	100.0	63.0	34.4	94.4
					99.0	9.6	0.0	39.6

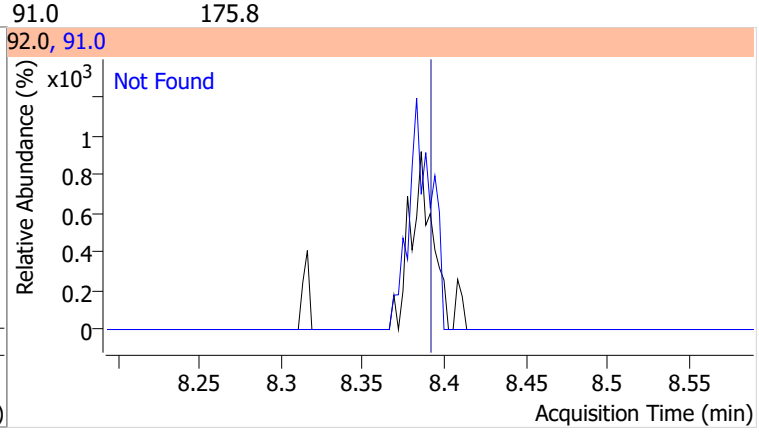




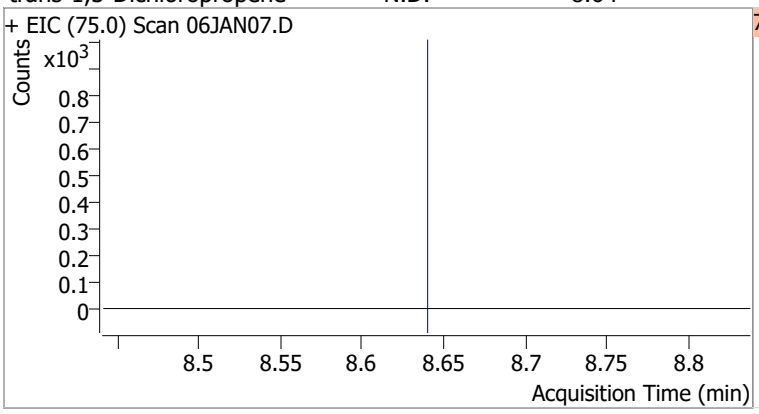


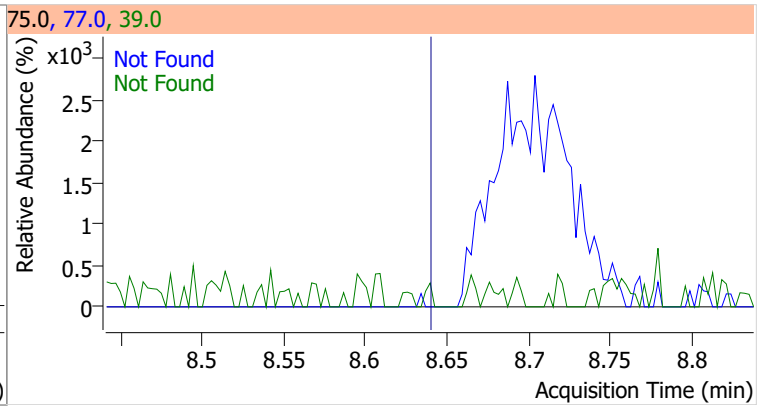
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	175.8



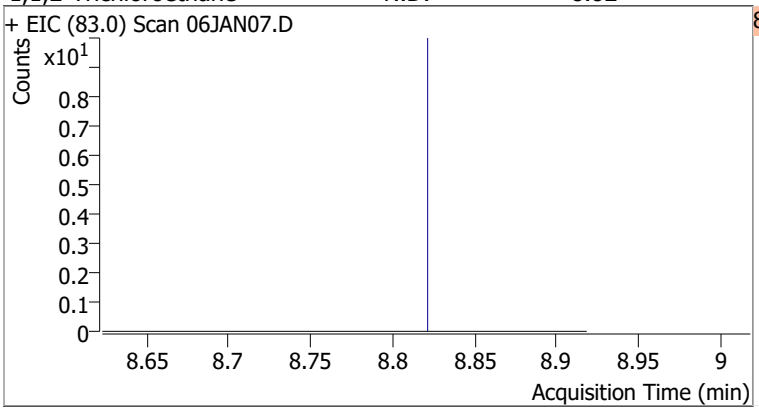


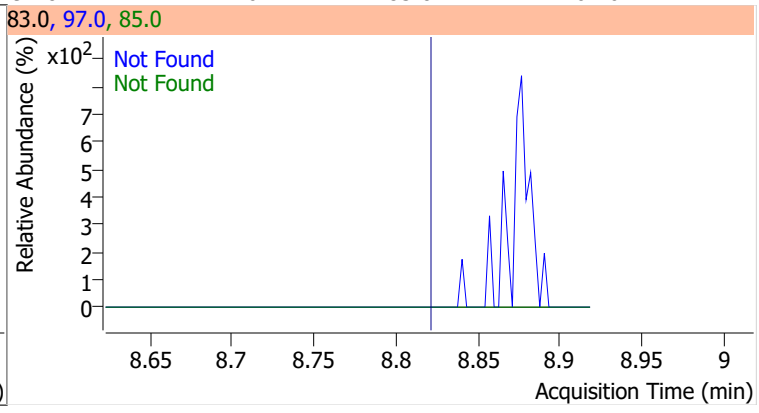
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



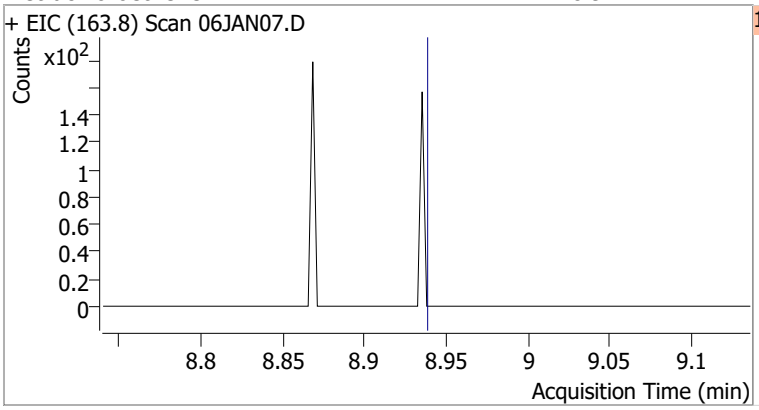


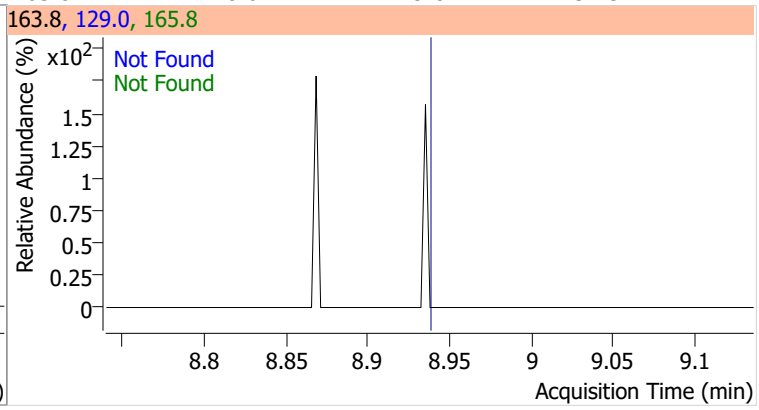
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



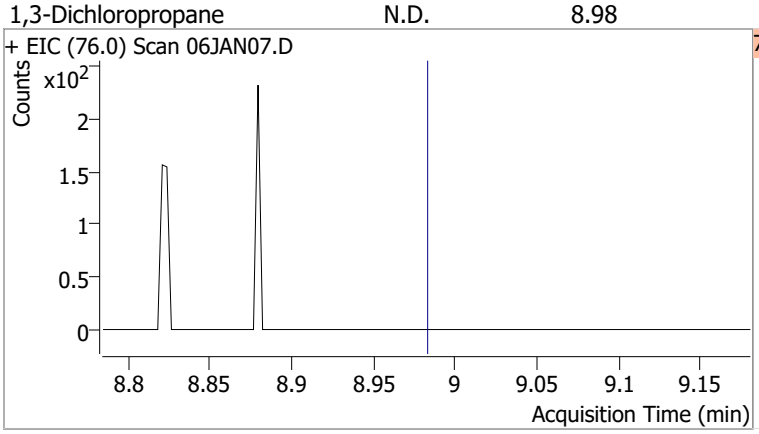


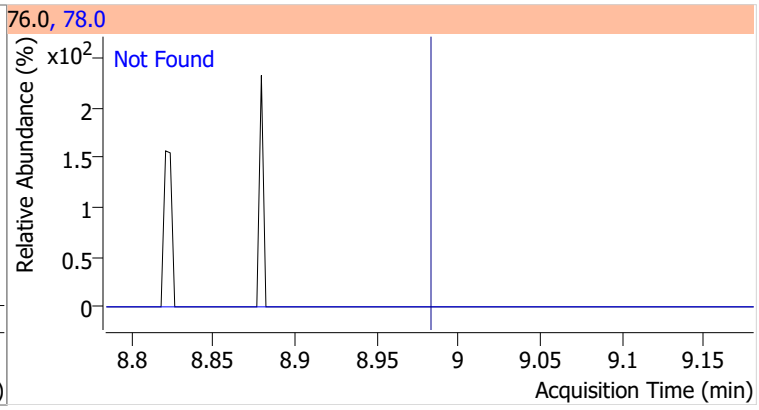
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



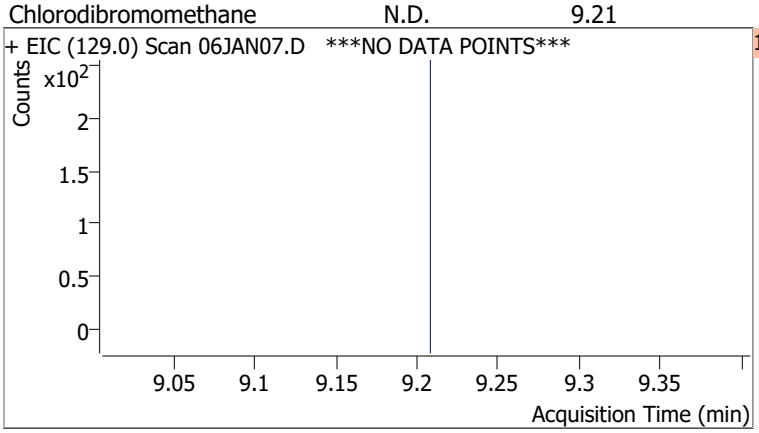


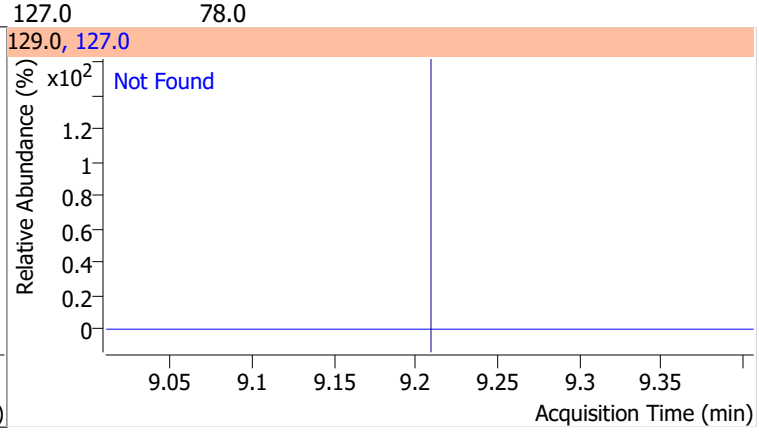
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



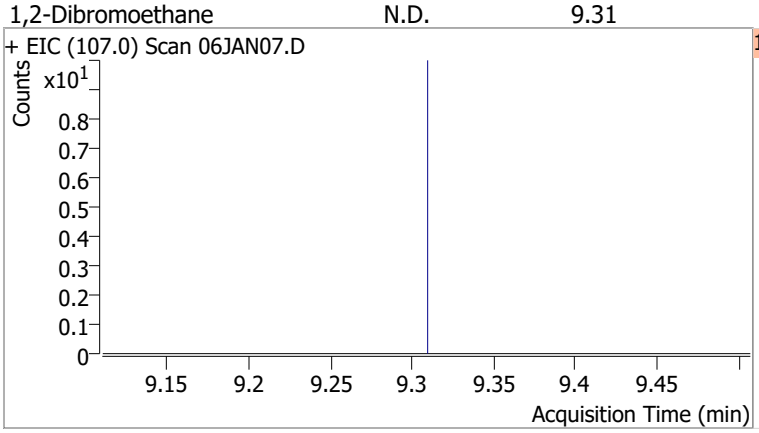


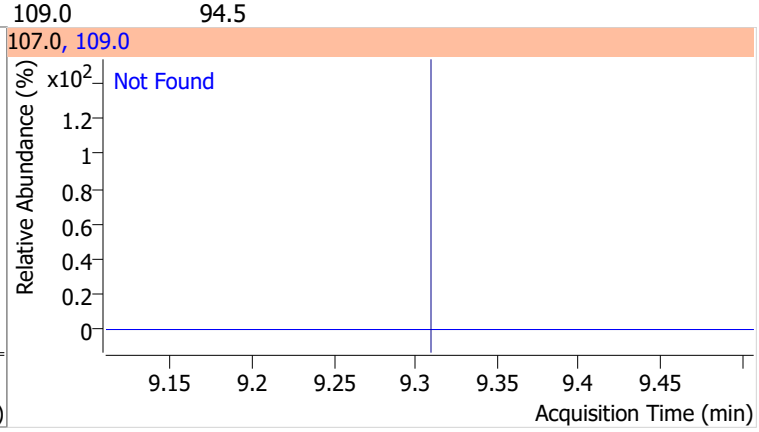
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



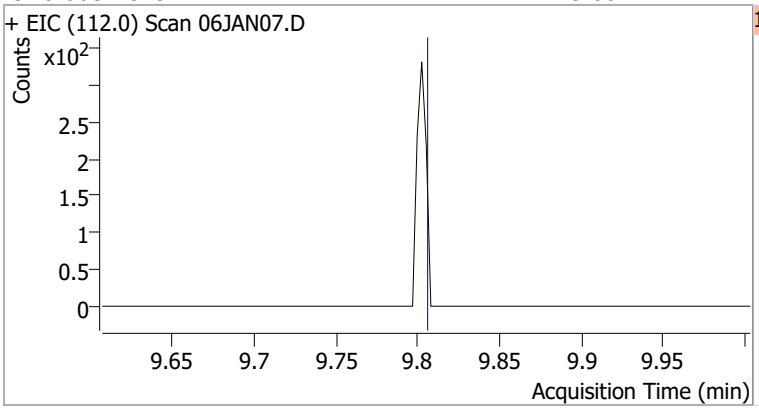


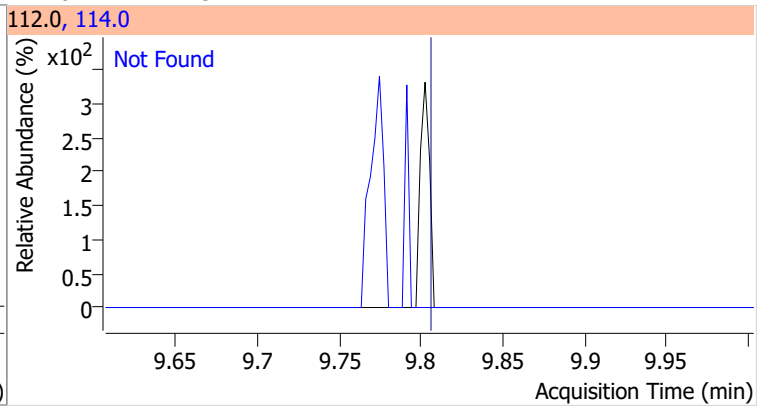
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



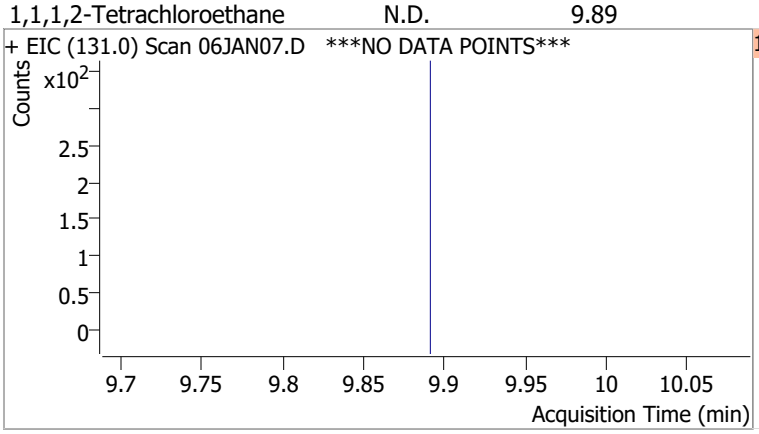


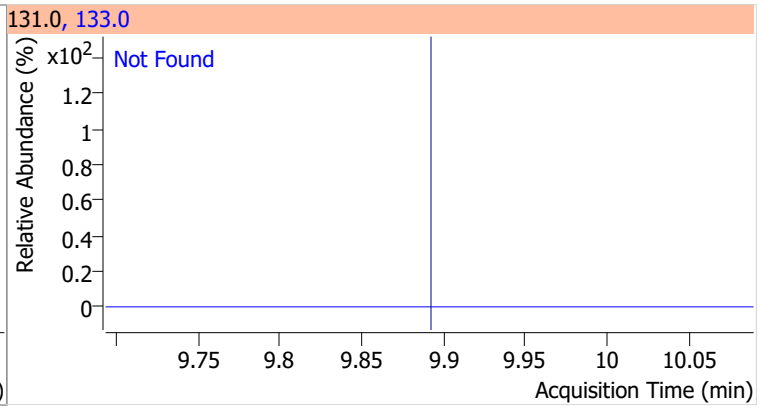
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



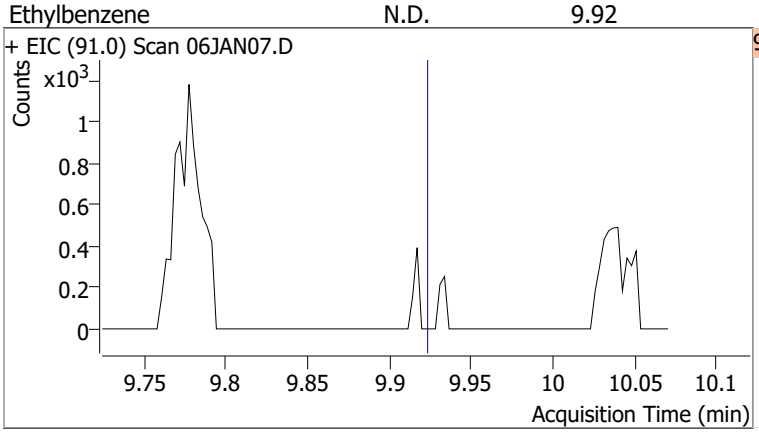


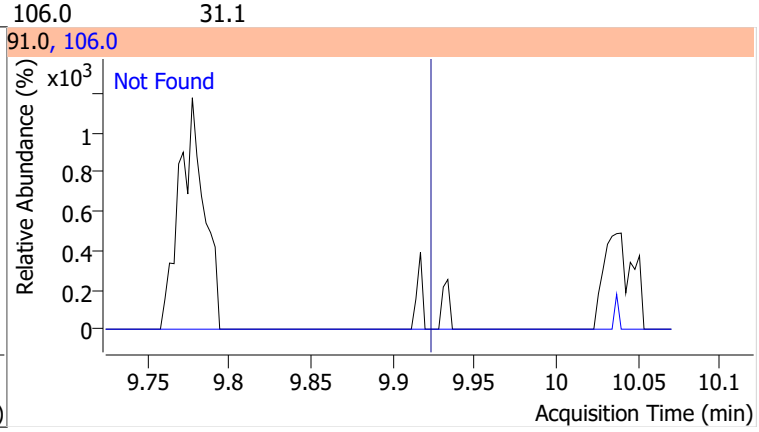
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



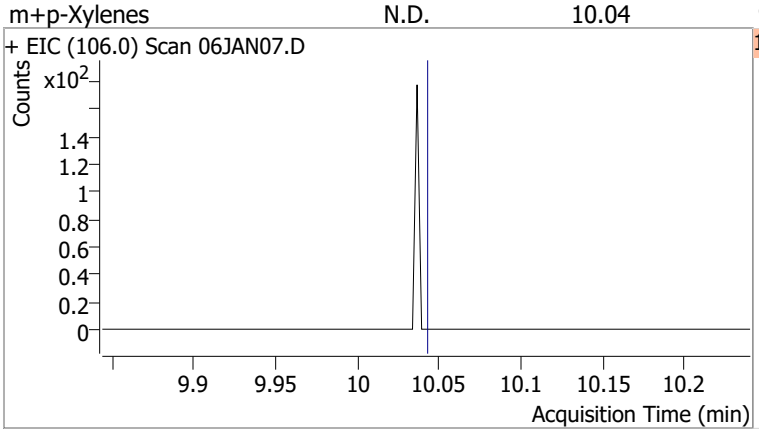


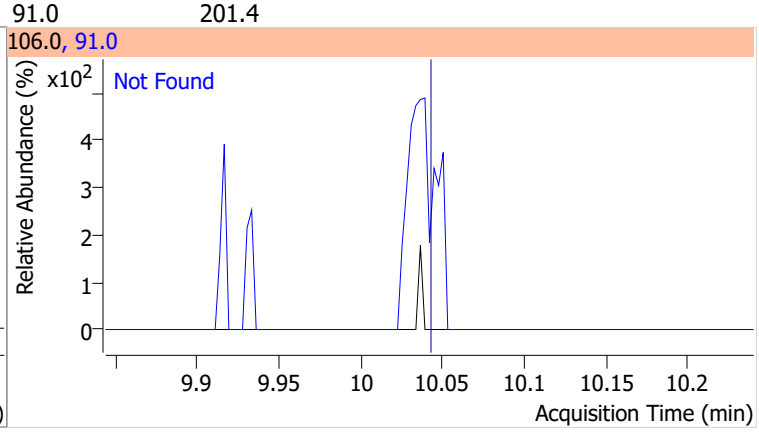
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



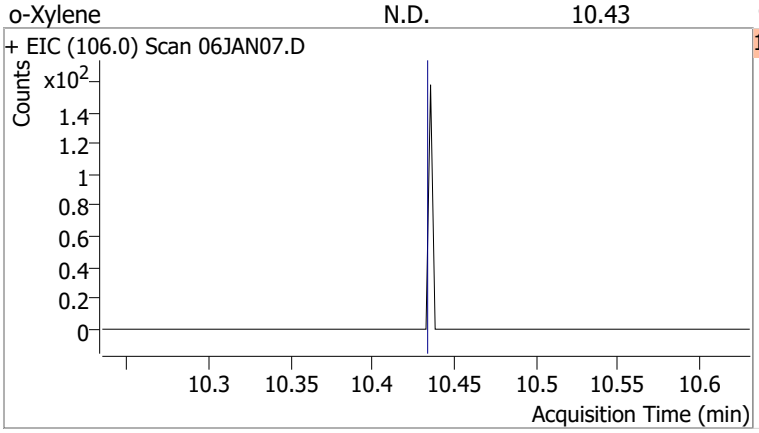


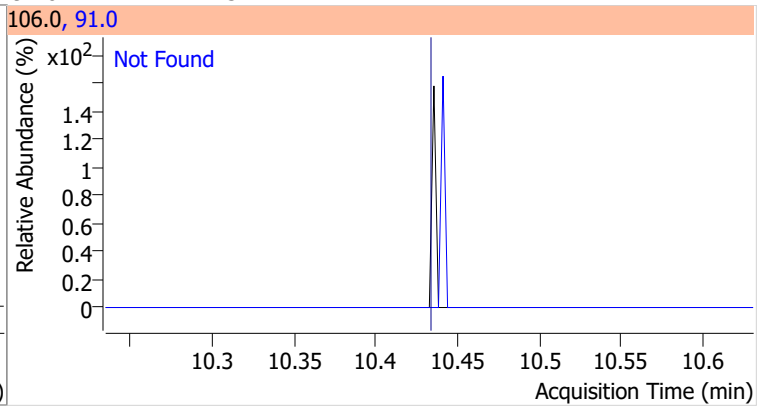
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



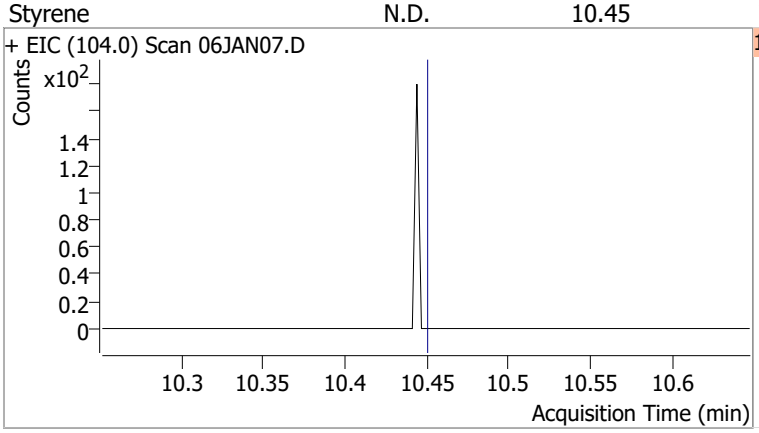


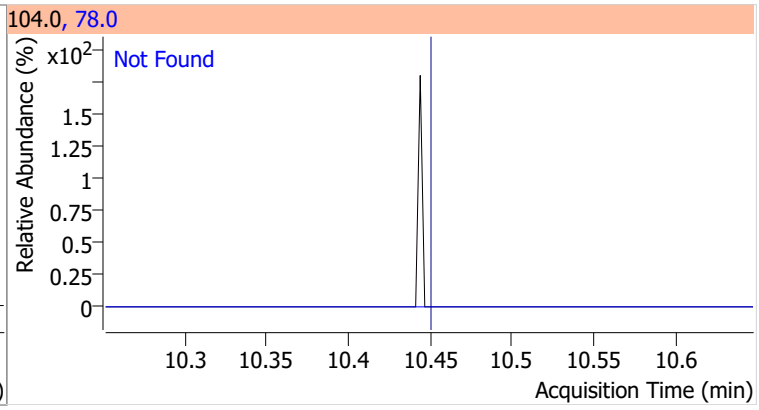
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



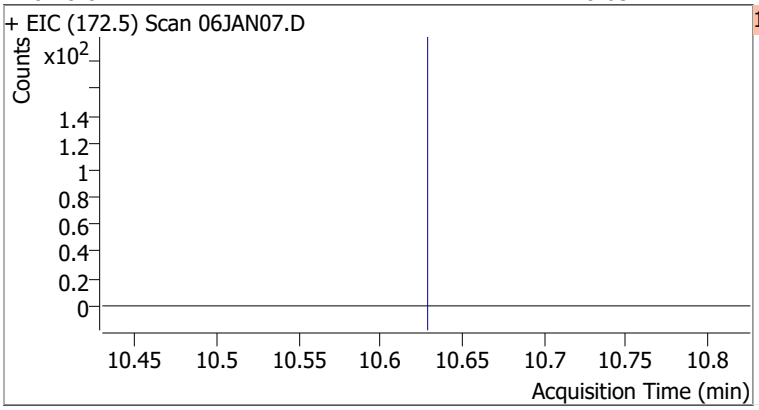


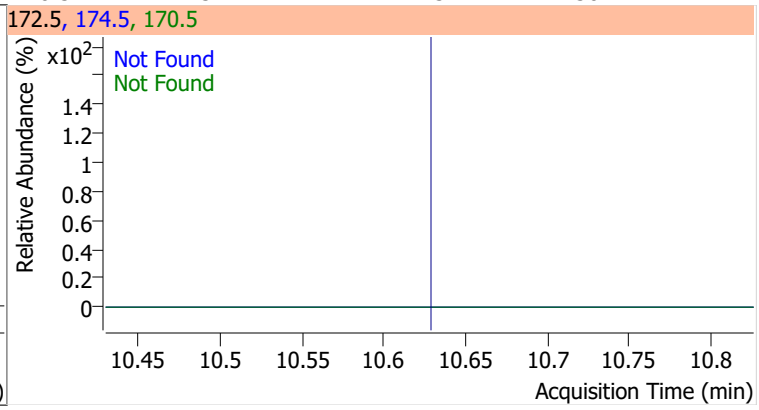
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



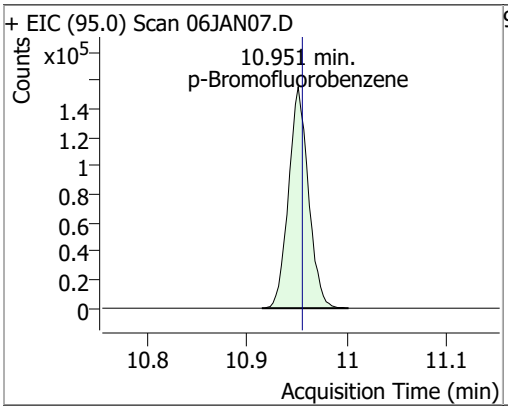


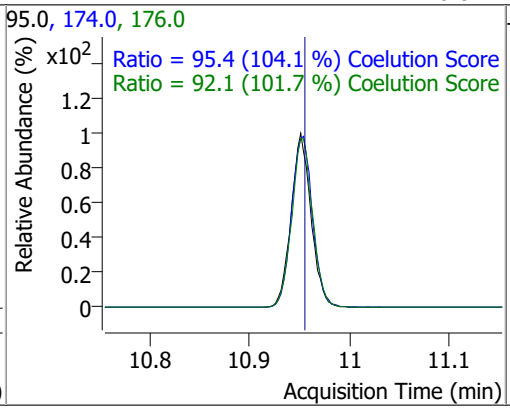
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

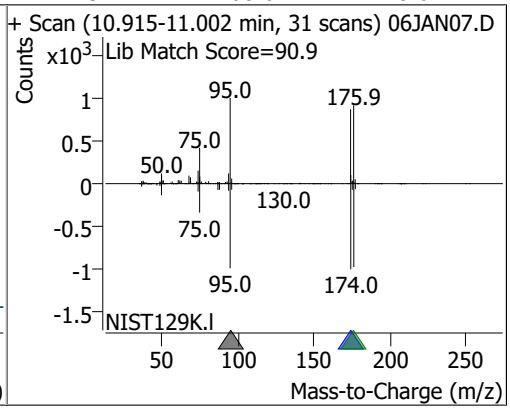




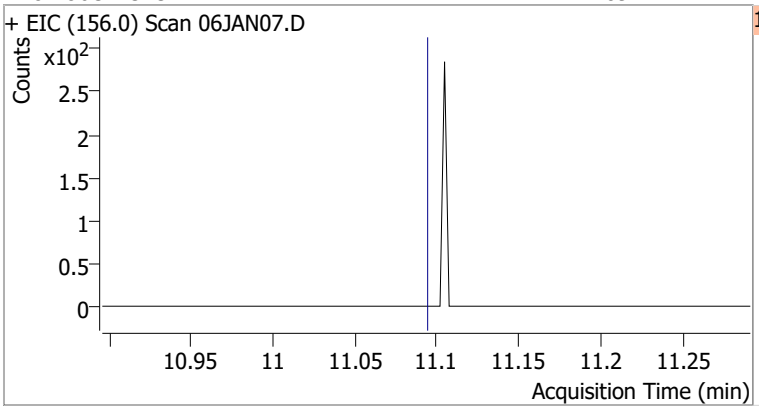
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	274.5461	10.95	0.00	213537	174.0	95.4	61.7	121.7
					176.0	92.1	60.6	120.6

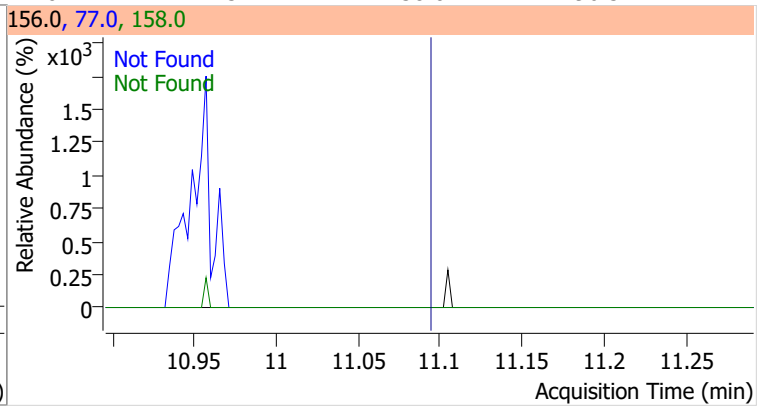




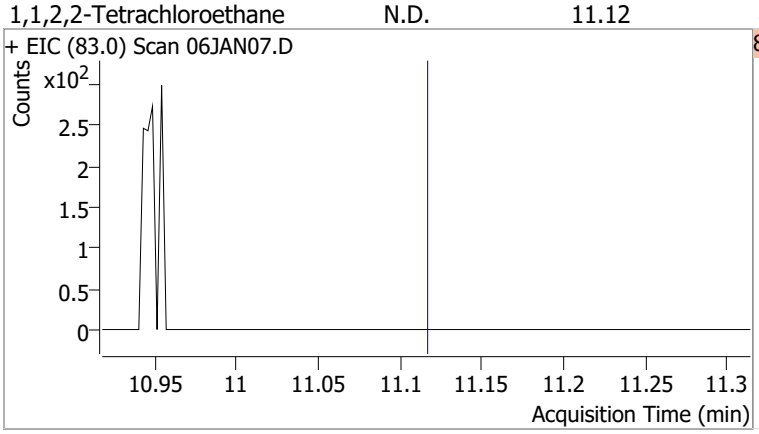


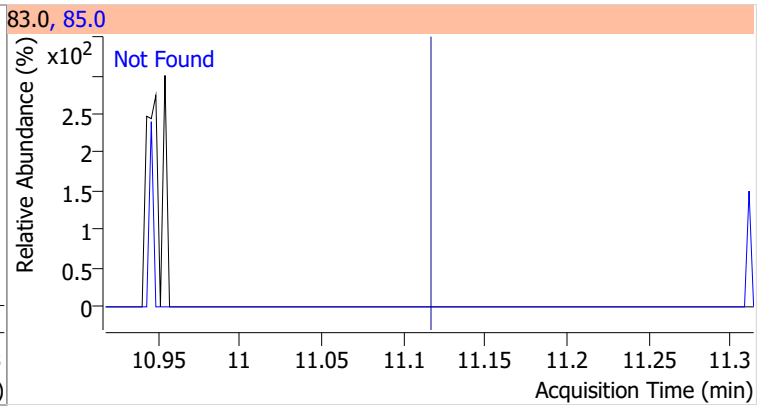
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



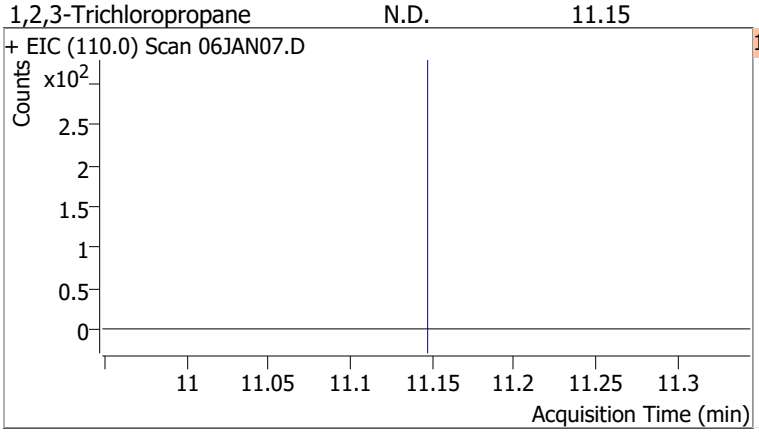


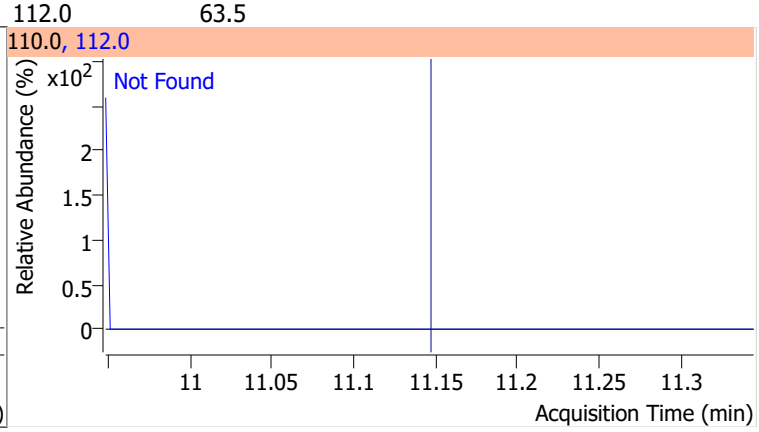
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



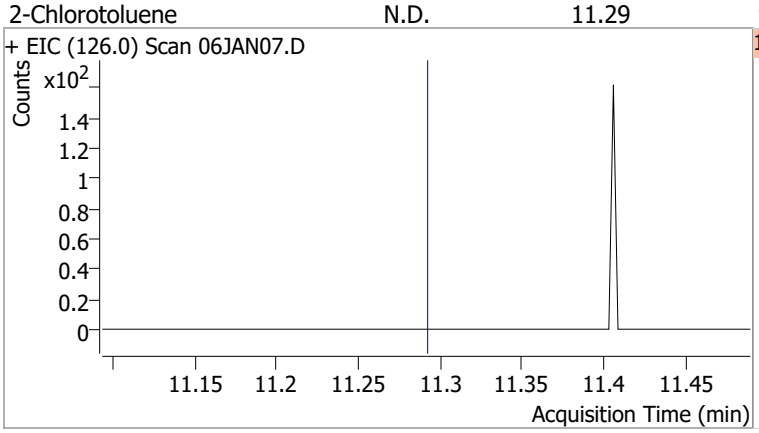


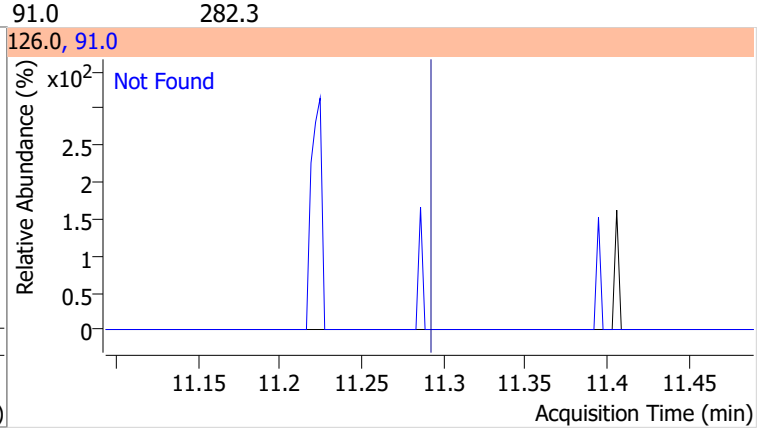
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



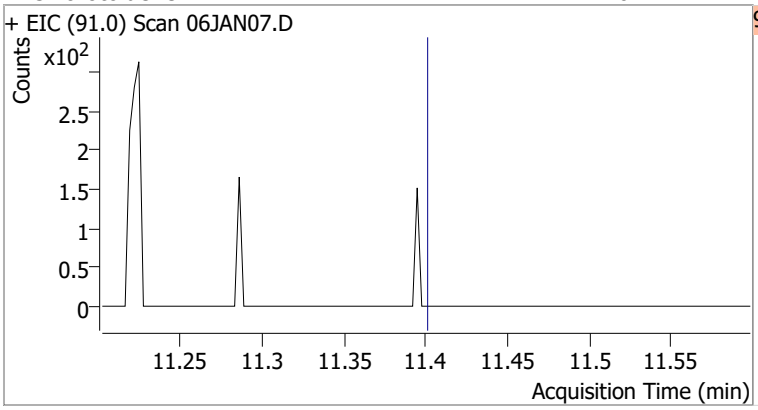


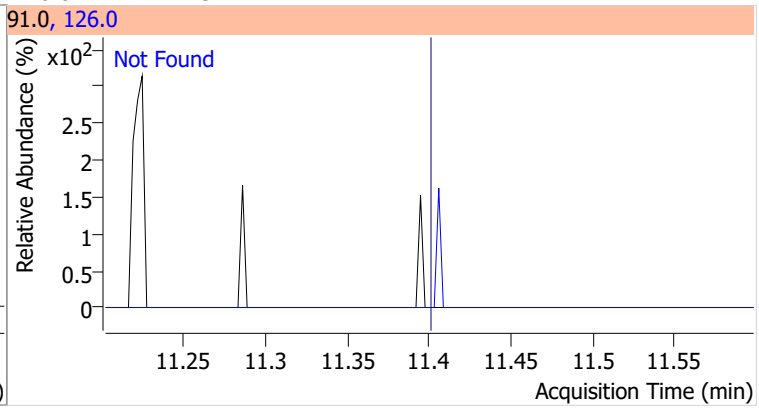
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



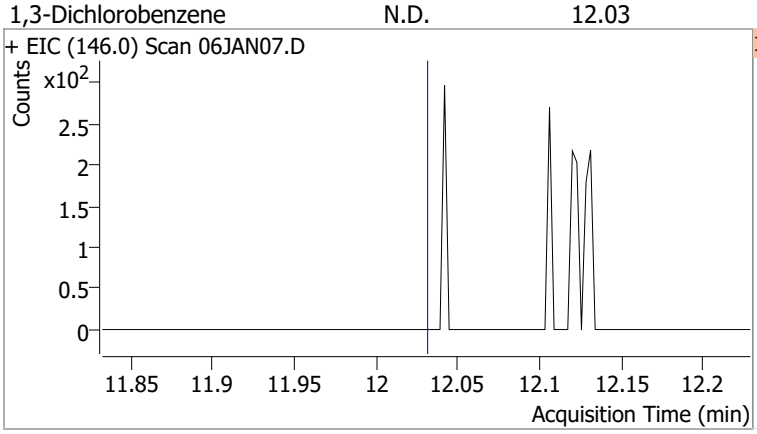


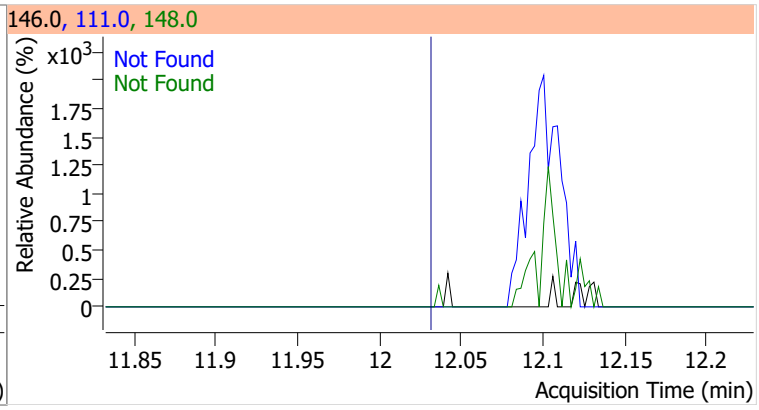
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



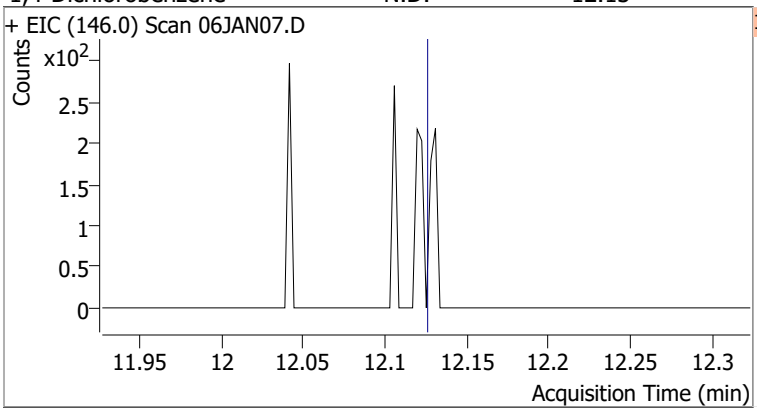


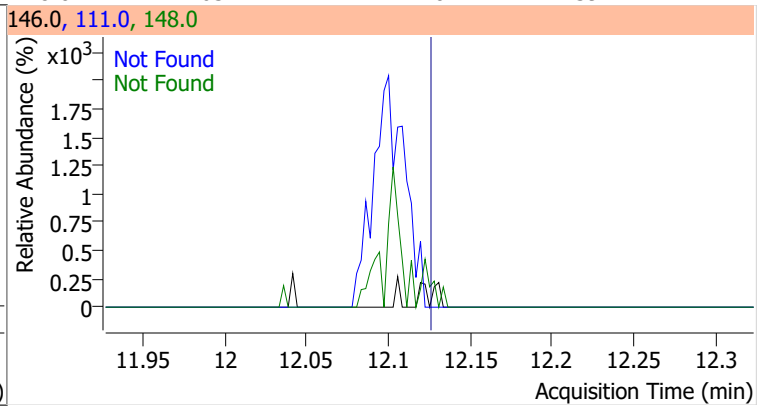
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



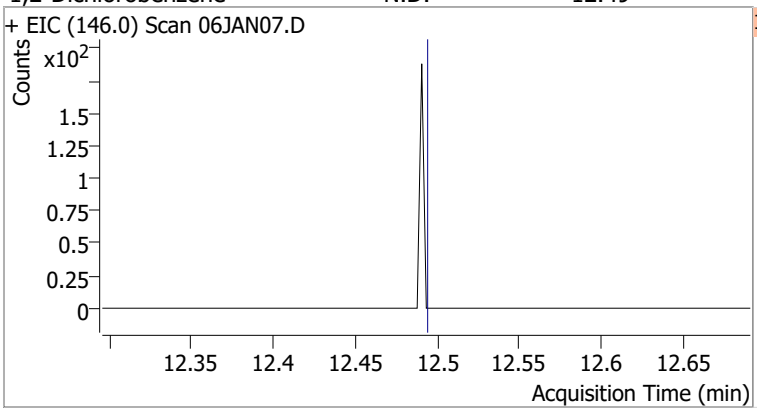


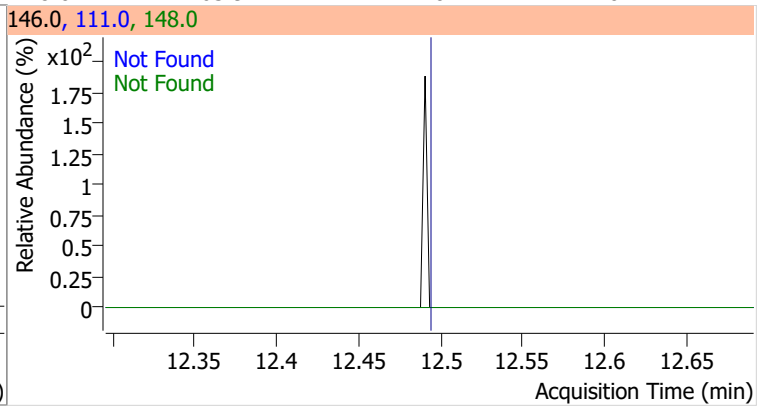
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





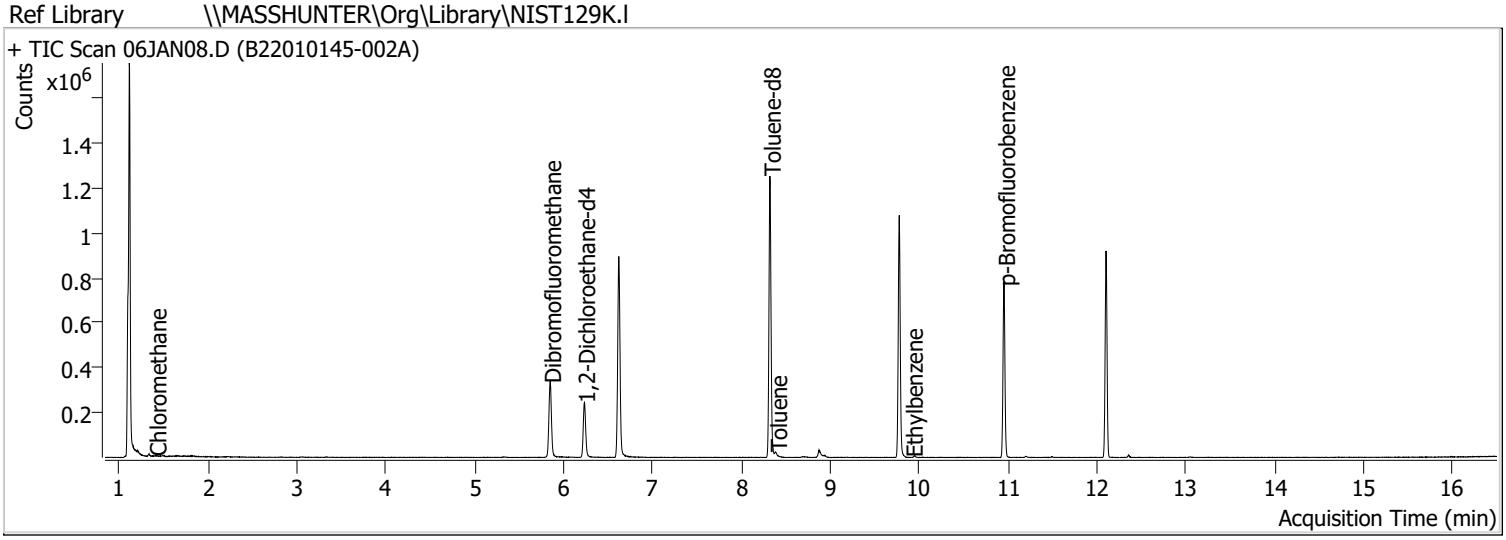
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN08.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 1:06:02 PM
Sample Name	B22010145-002A	Instrument	VOA5975C
Vial	8	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

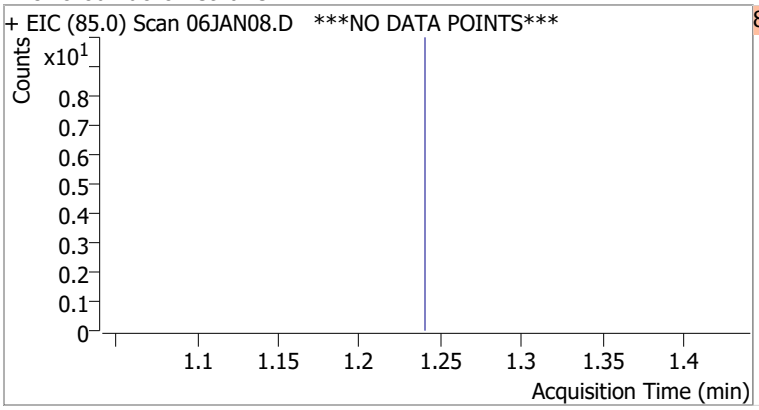


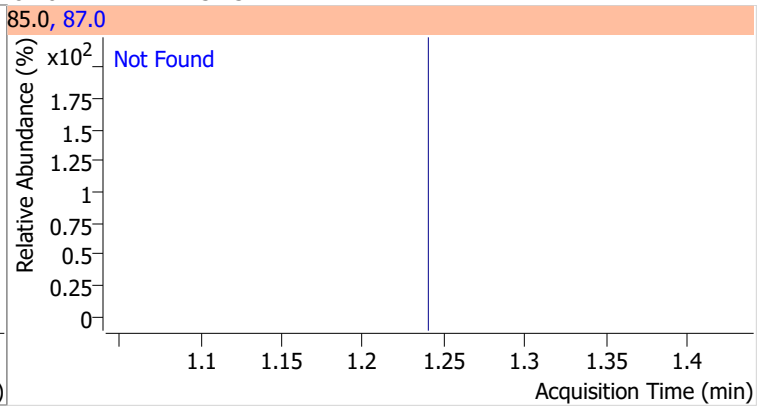
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	753077	250.0000	ng	-0.003
M Chlorobenzene-d5	9.772	82.0	293342	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	219622	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	202494	285.4139	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 114.17%		
S 1,2-Dichloroethane-d4	6.230	67.0	88105	287.5096	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 115.00%		
S Toluene-d8	8.319	98.0	758514	268.3302	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.33%		
S p-Bromofluorobenzene	10.954	95.0	222809	276.9231	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 110.77%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.408	50.0	2497	2.0847	ng	85
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	0.000		0	N.D.		
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	0.000		0	N.D.		

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.388	92.0	4914	2.5735	ng		94
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.917	91.0	321	0.0884	ng	m	70
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

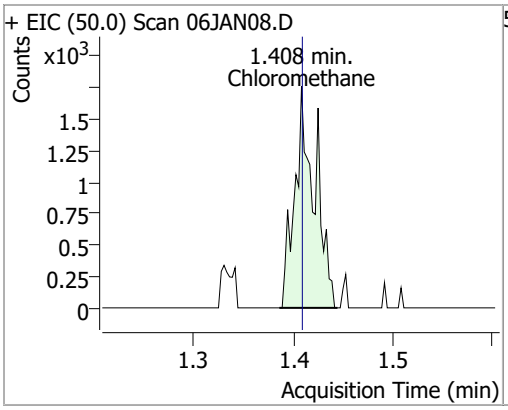
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

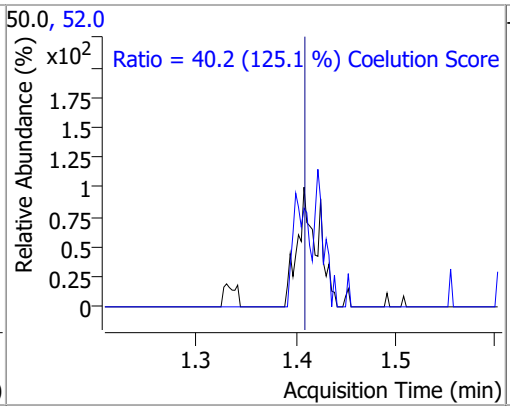
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

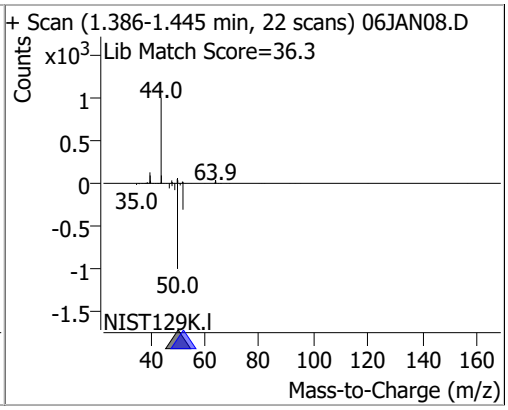




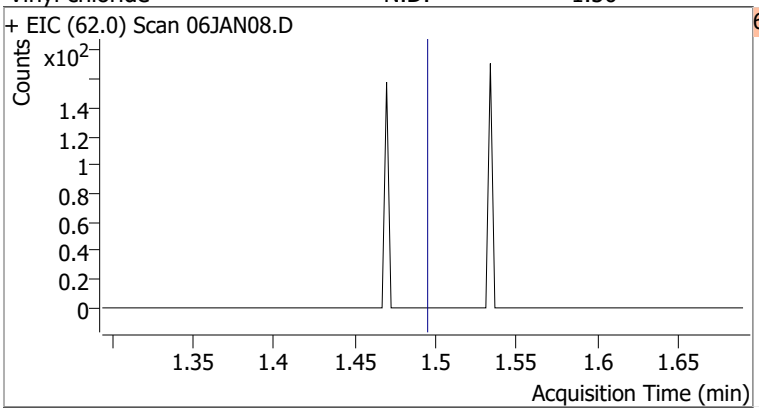
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	2.0847	1.41	0.00	2497	52.0	40.2	2.1	62.1

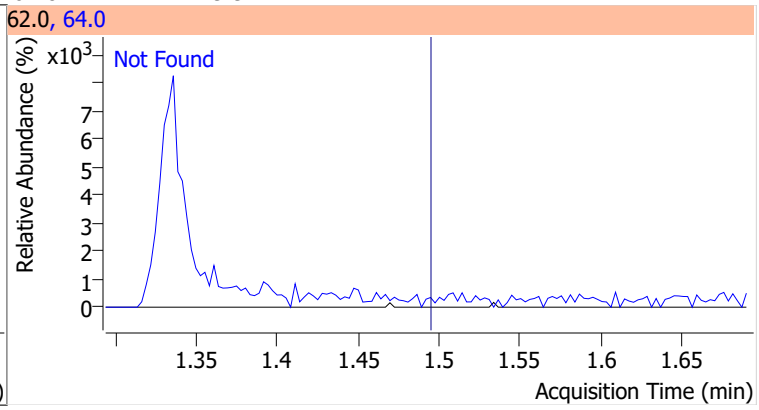




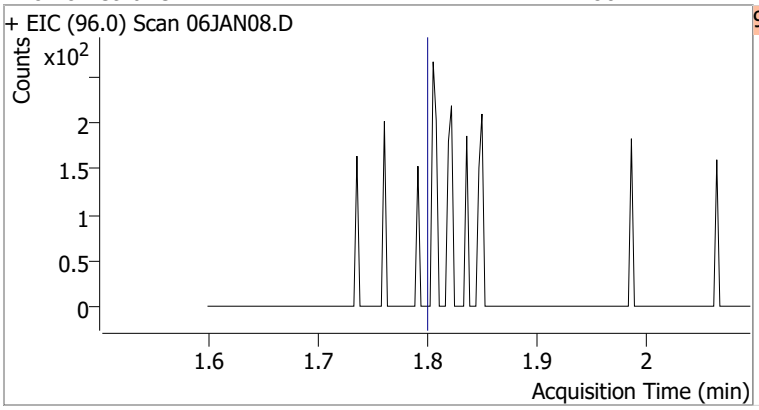


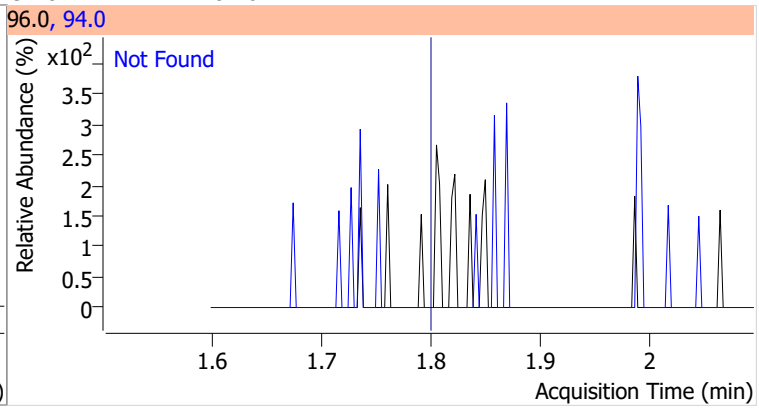
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



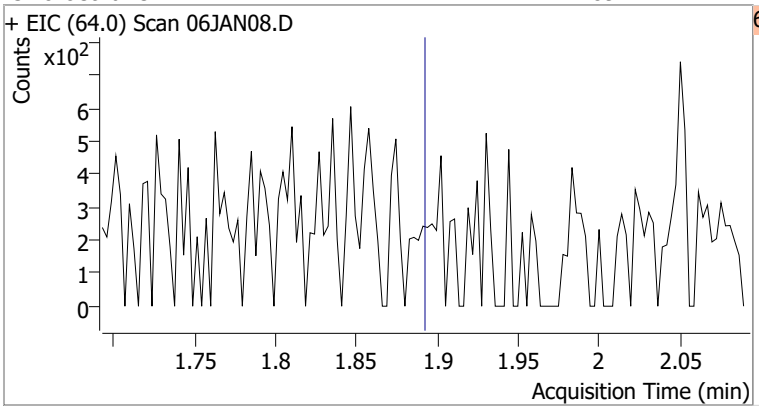


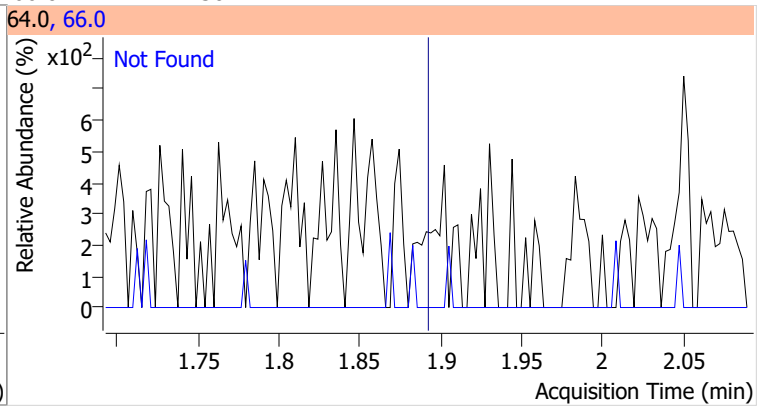
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



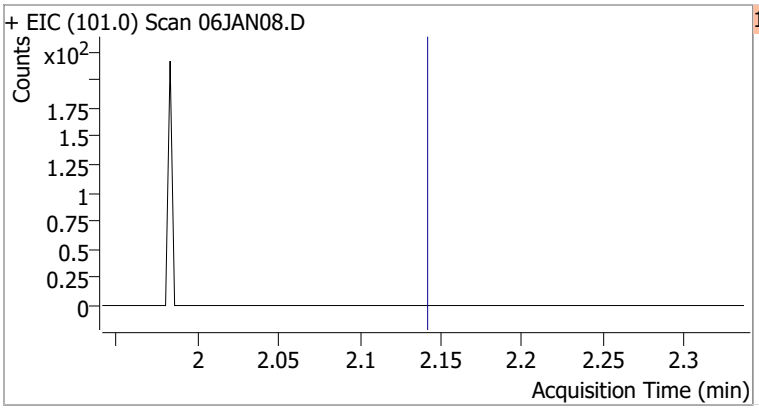


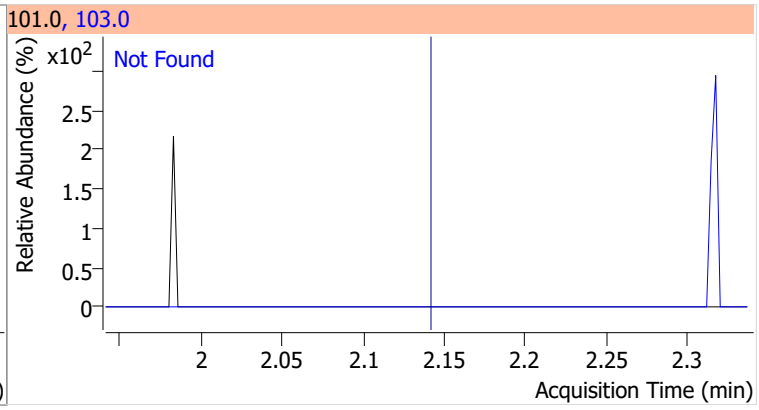
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



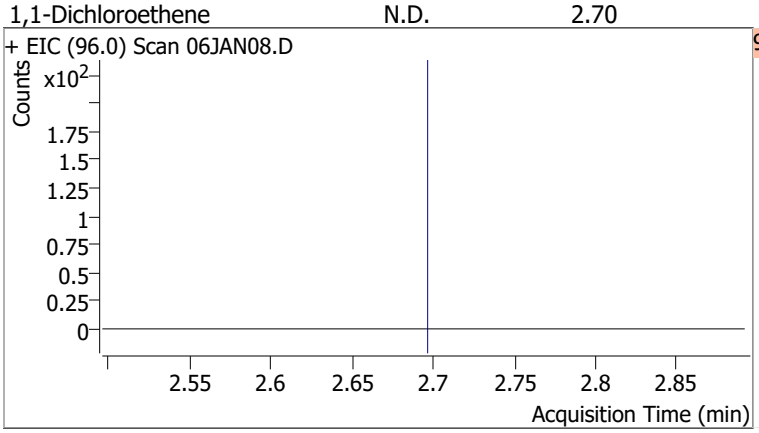


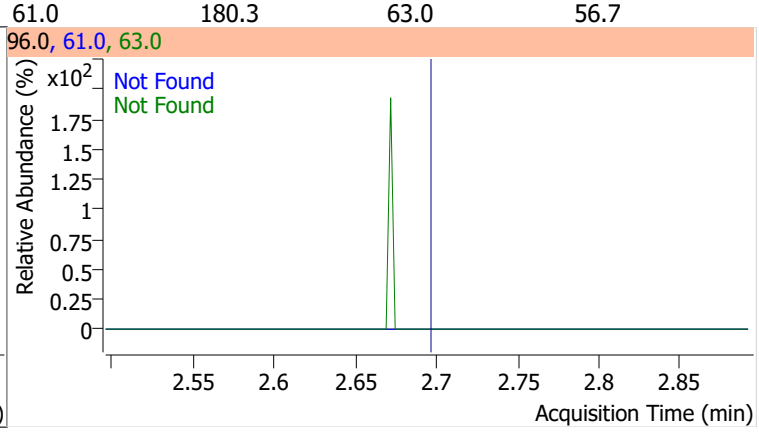
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



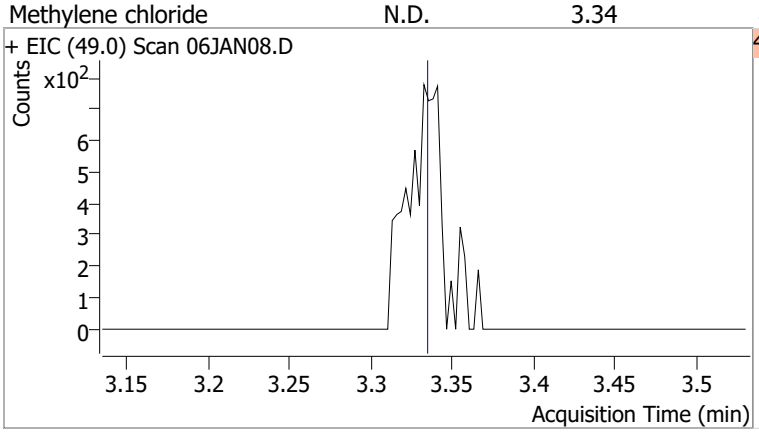


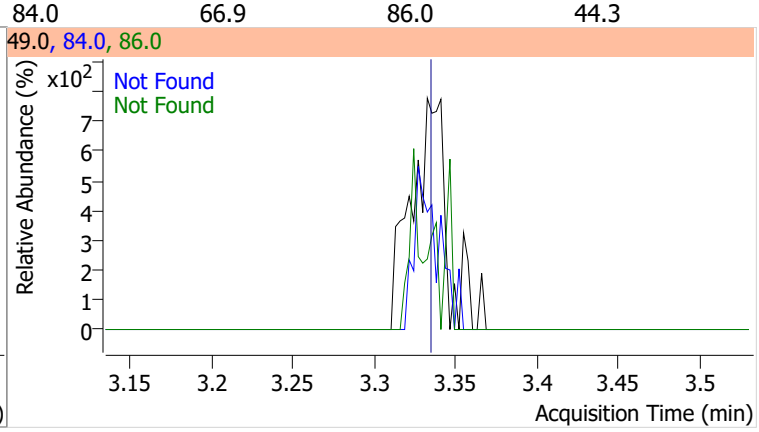
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7



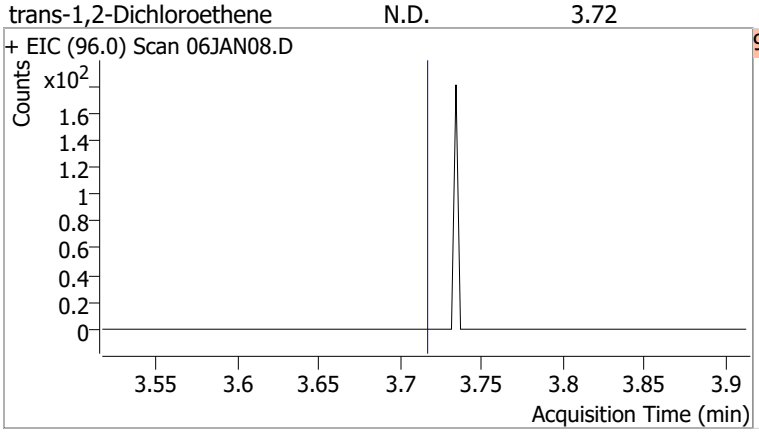


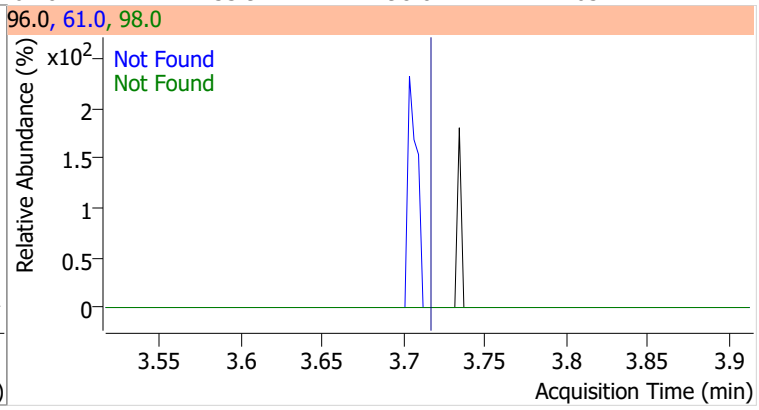
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Methylene chloride	N.D.	3.34	84.0	66.9	86.0	44.3



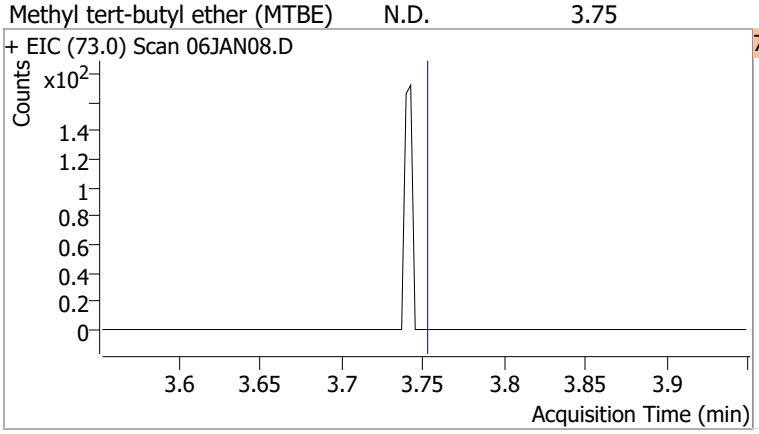


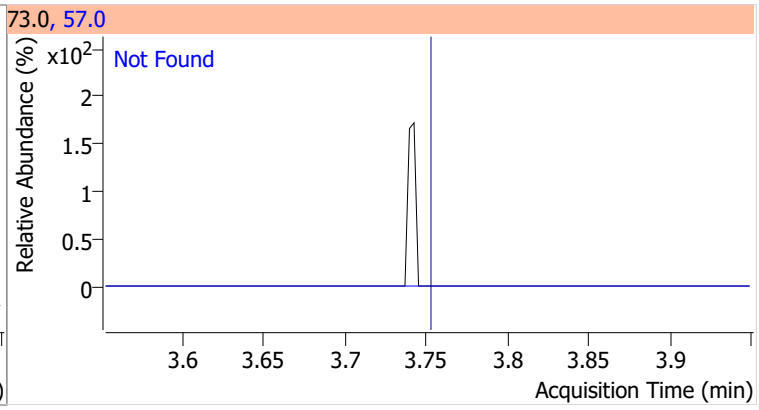
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



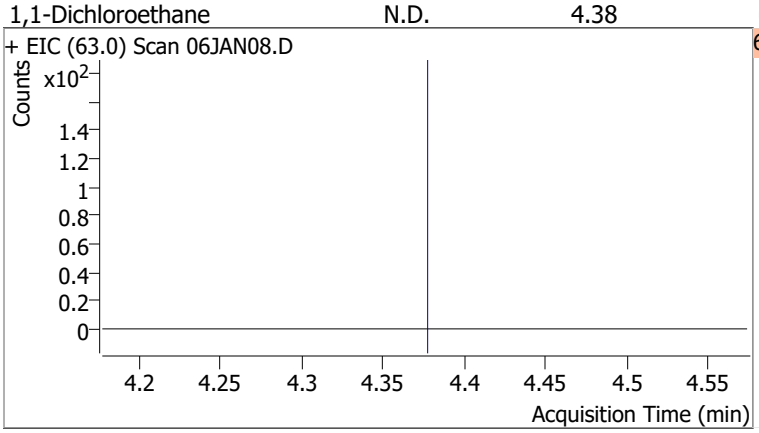


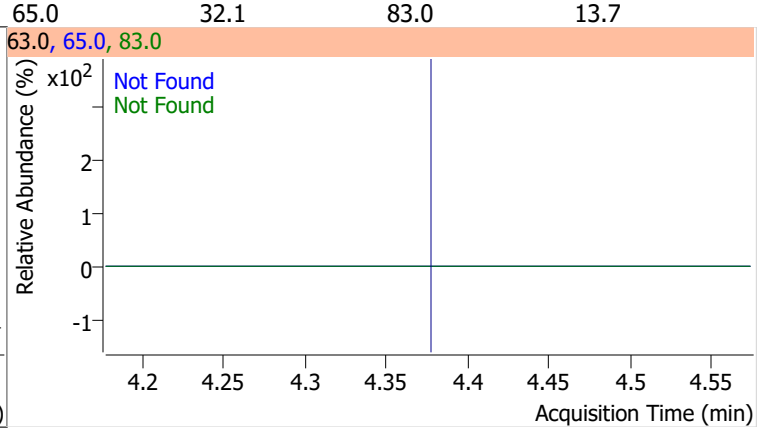
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



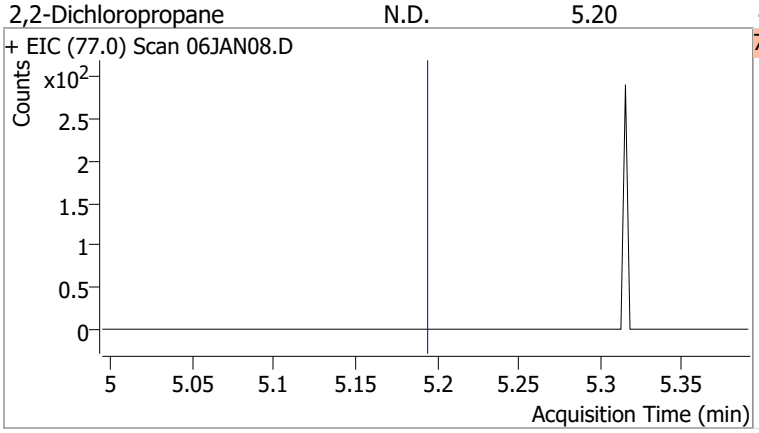


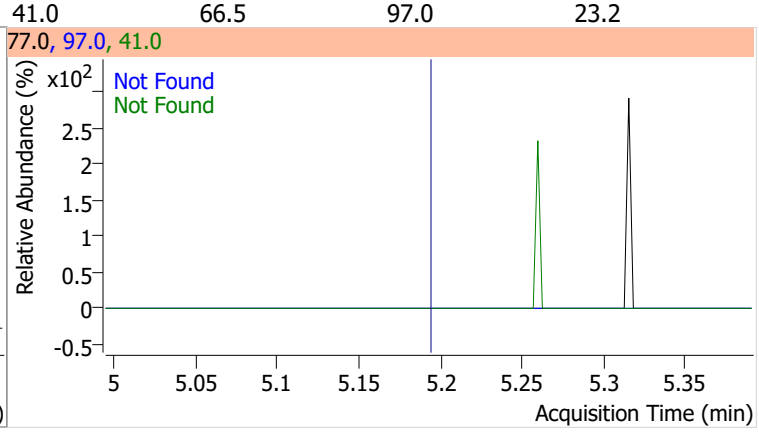
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



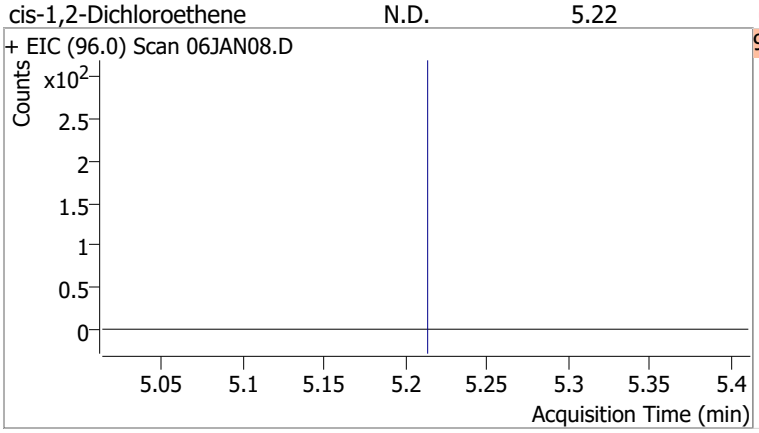


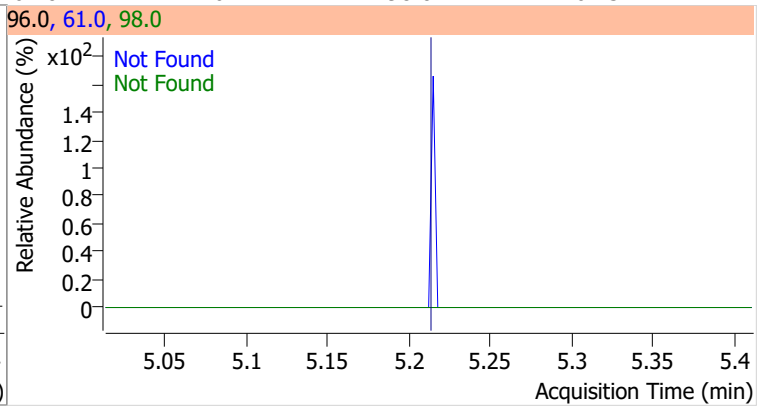
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



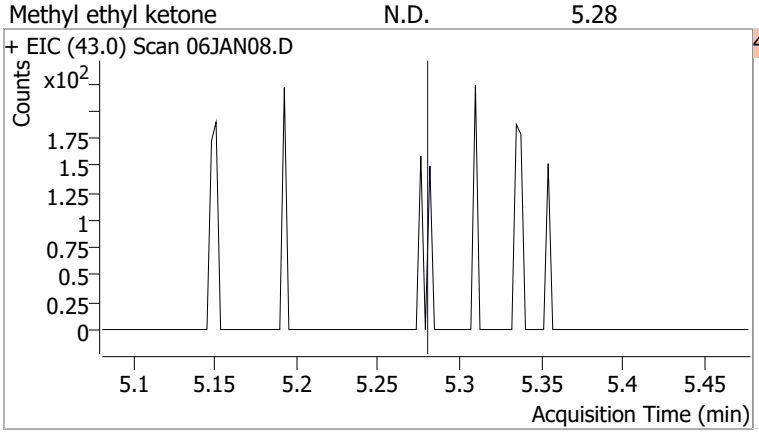


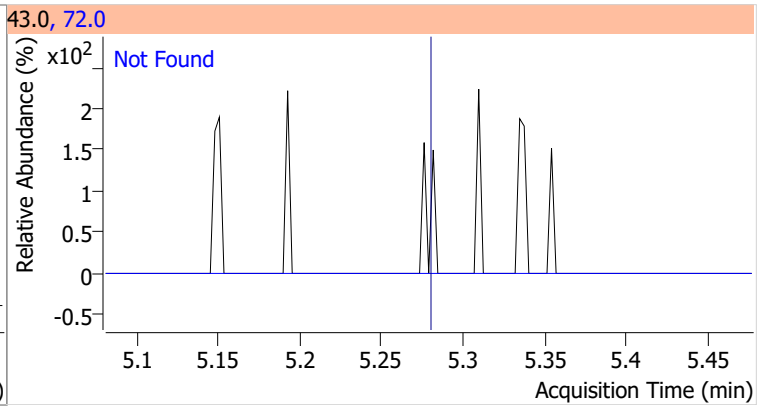
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



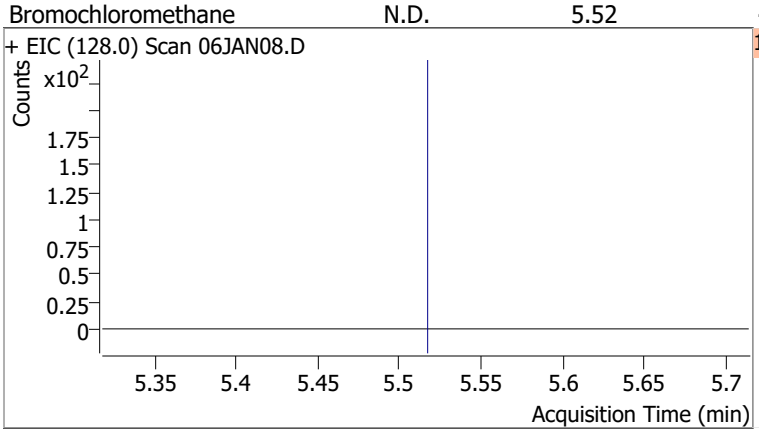


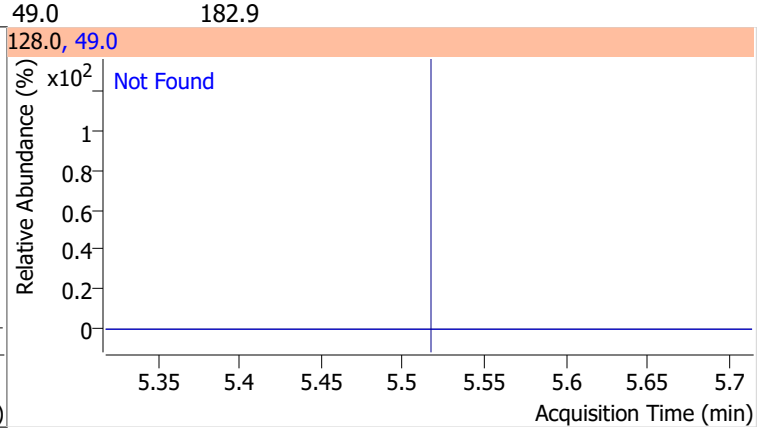
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



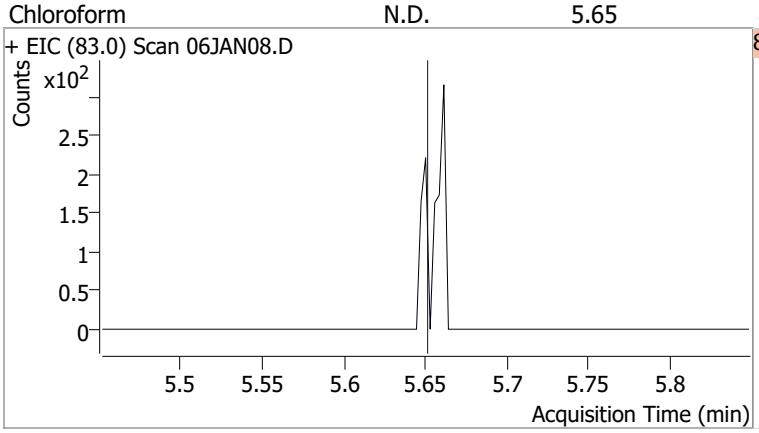


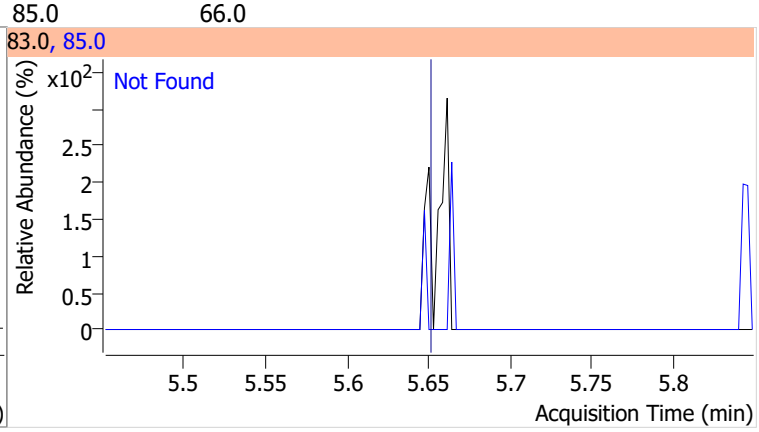
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



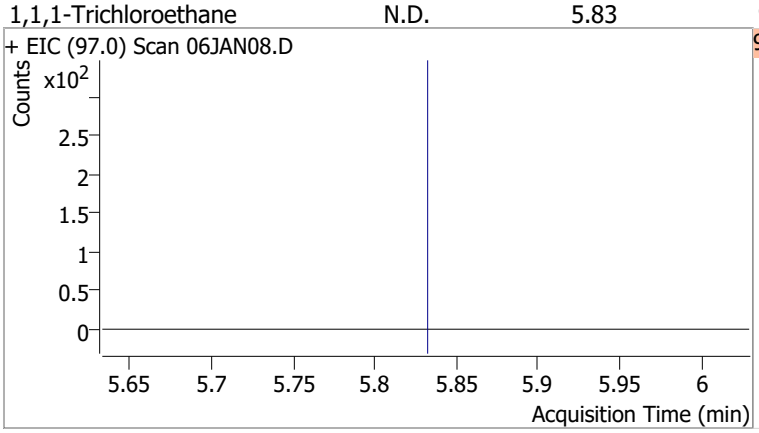


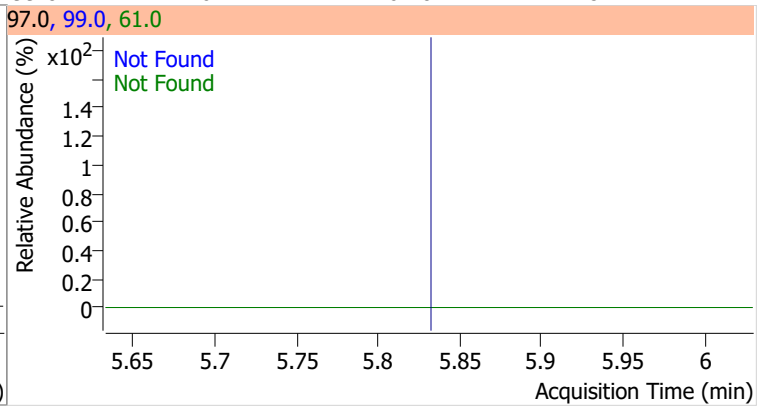
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.0



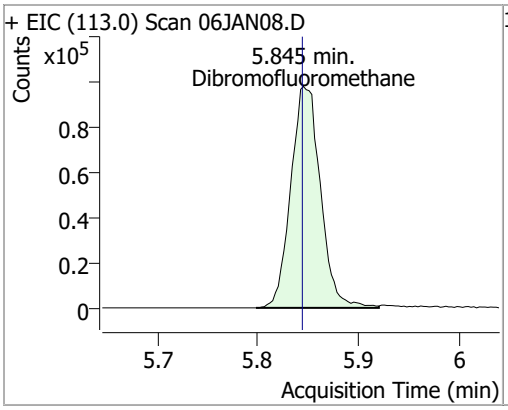


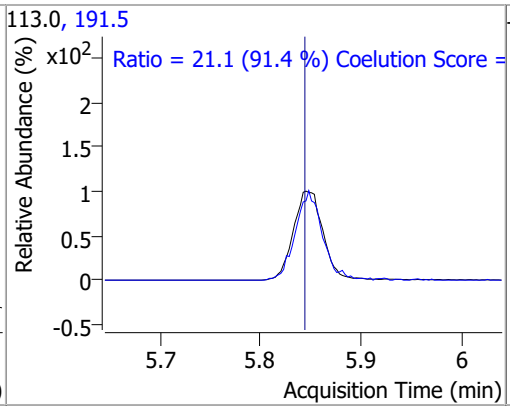
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

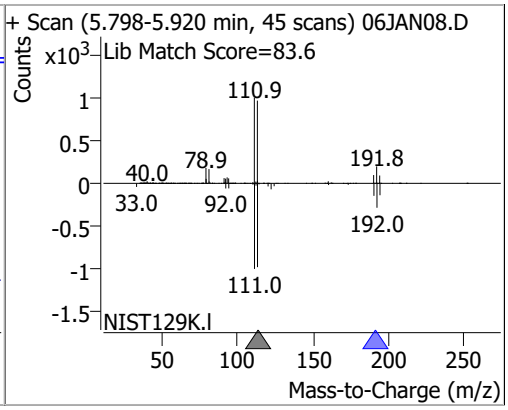




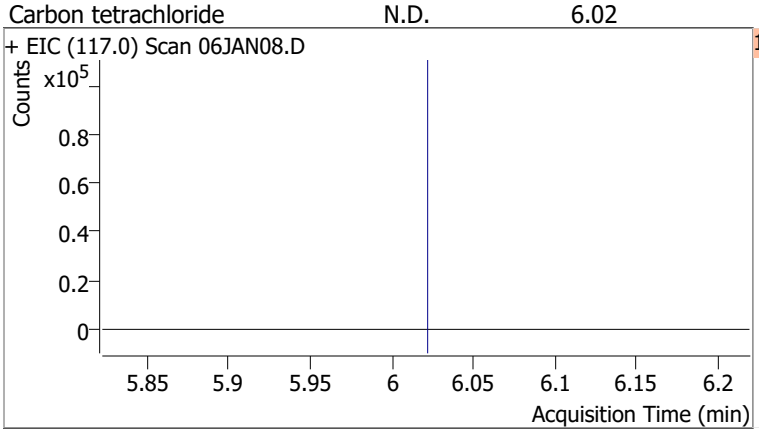
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	285.4139	5.85	0.00	202494	191.5	21.1	0.0	53.1

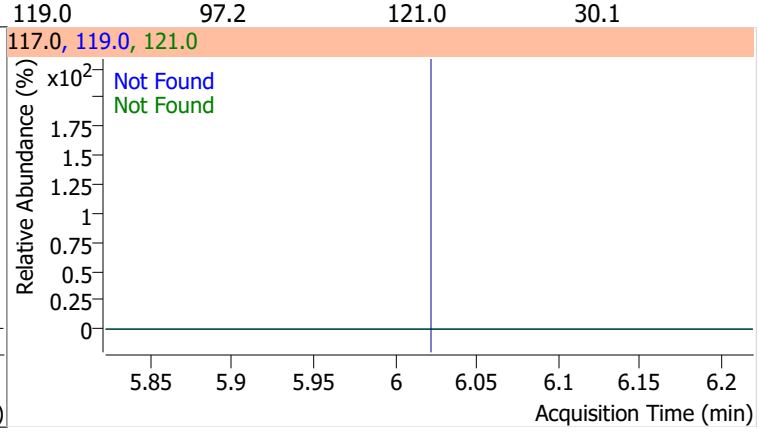




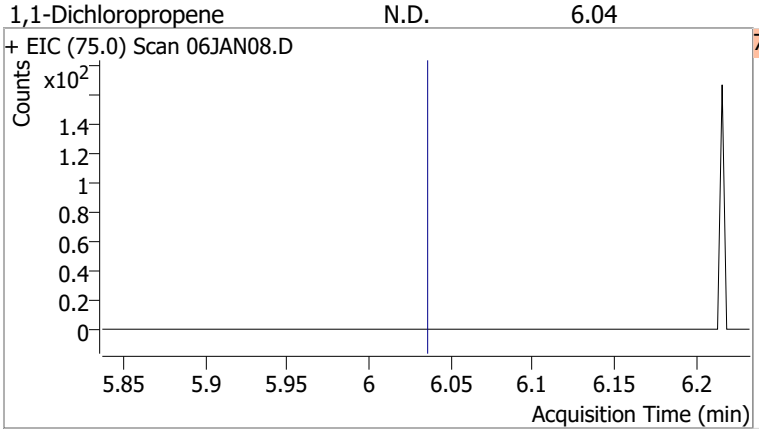


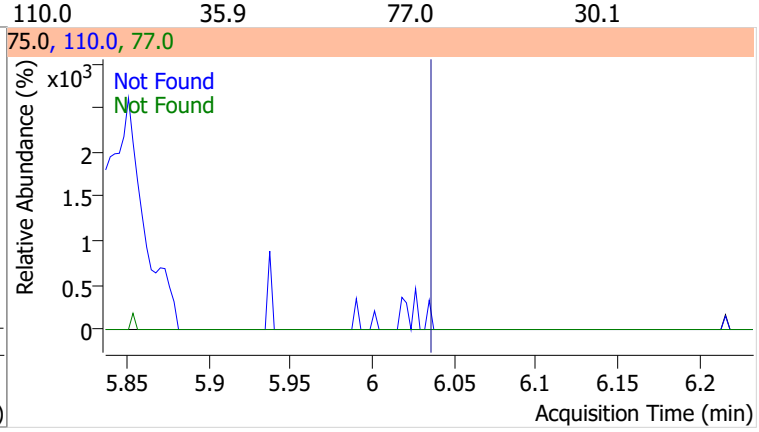
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



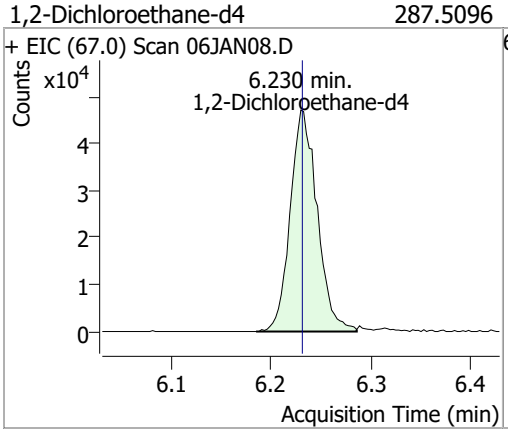


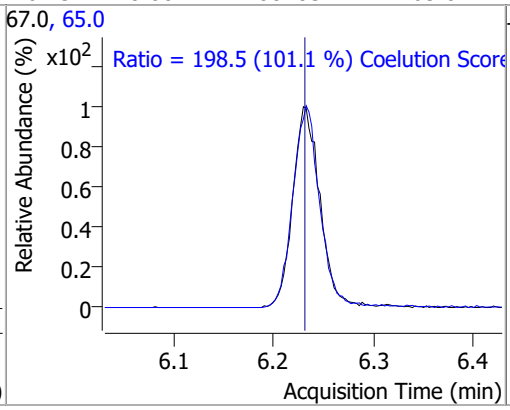
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

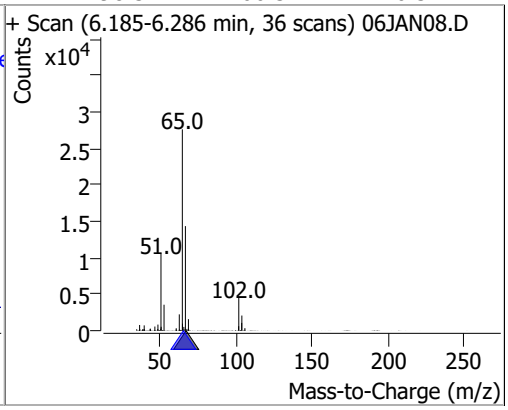




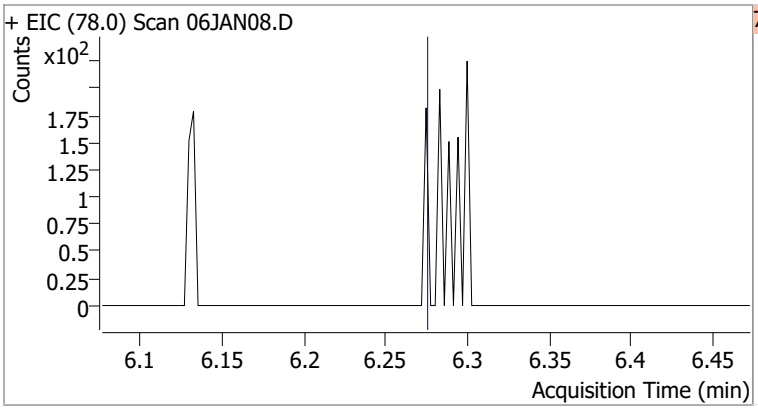
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	287.5096	6.23	0.00	88105	65.0	198.5	166.5	226.5

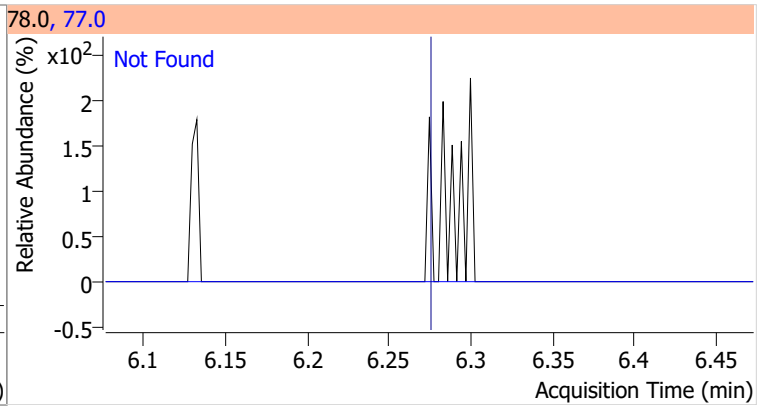




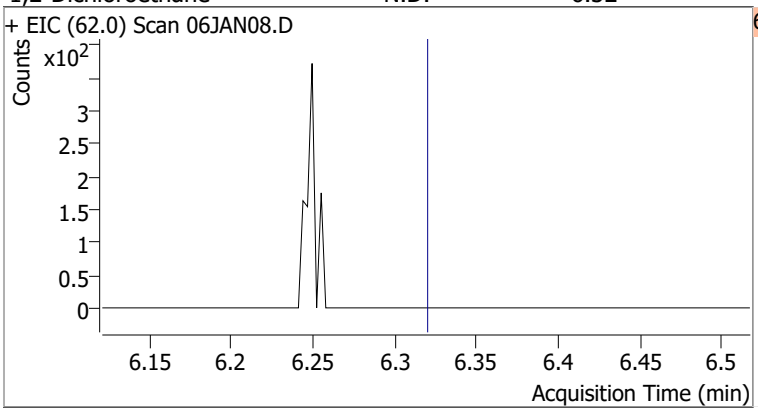


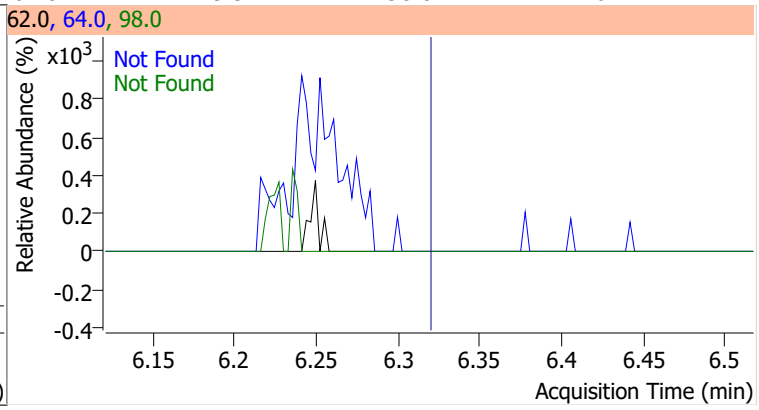
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



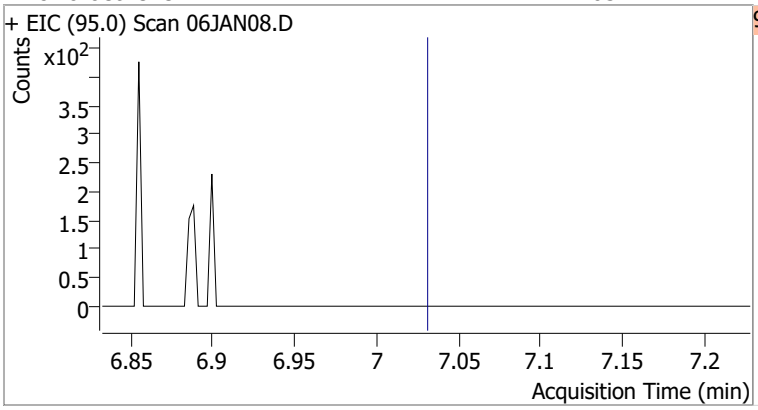


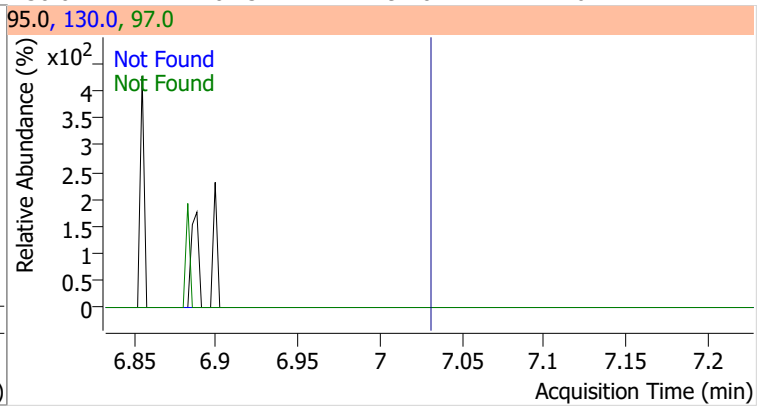
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



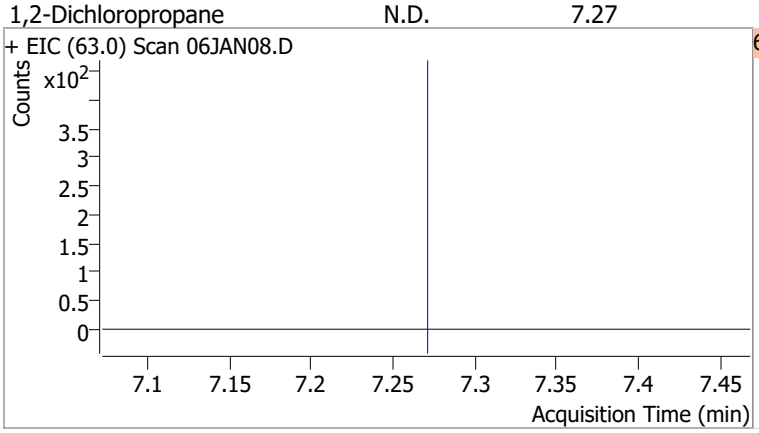


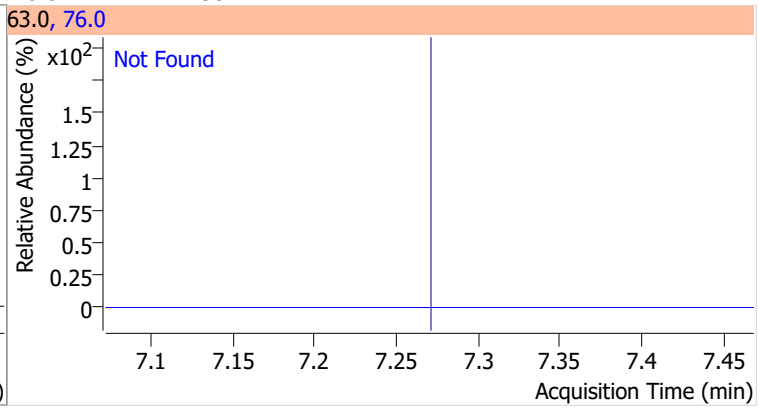
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



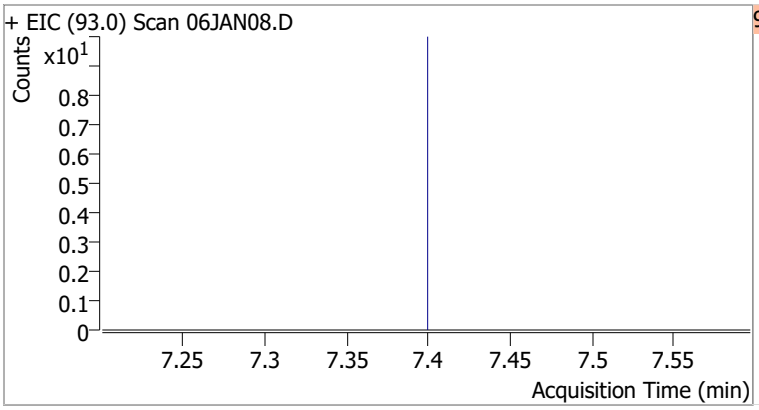


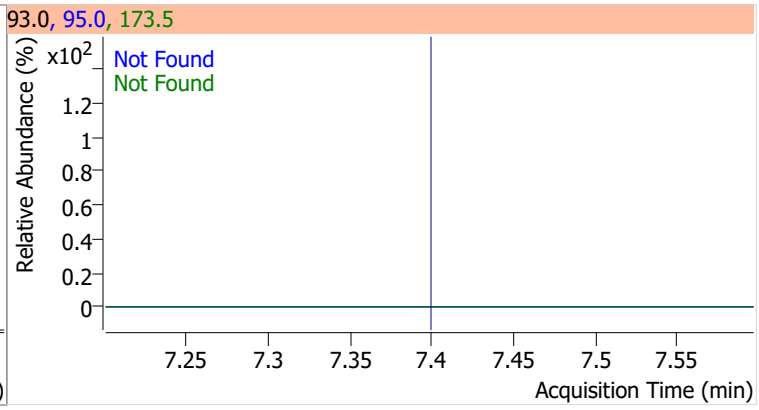
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



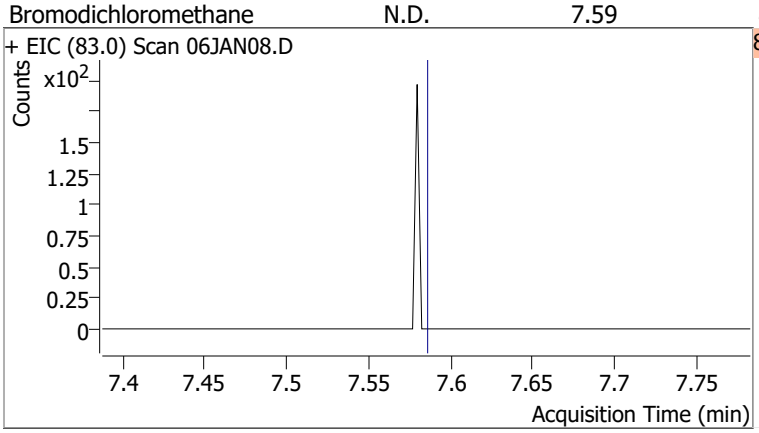


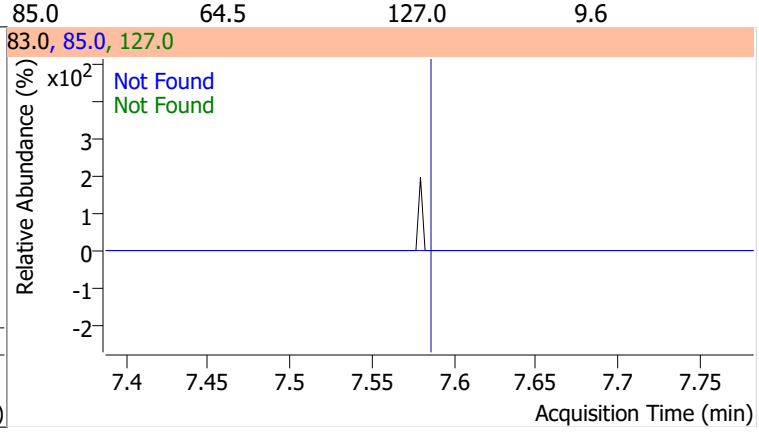
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



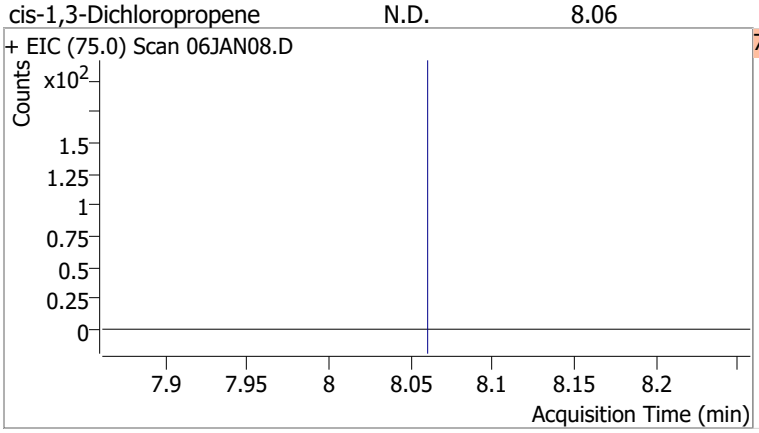


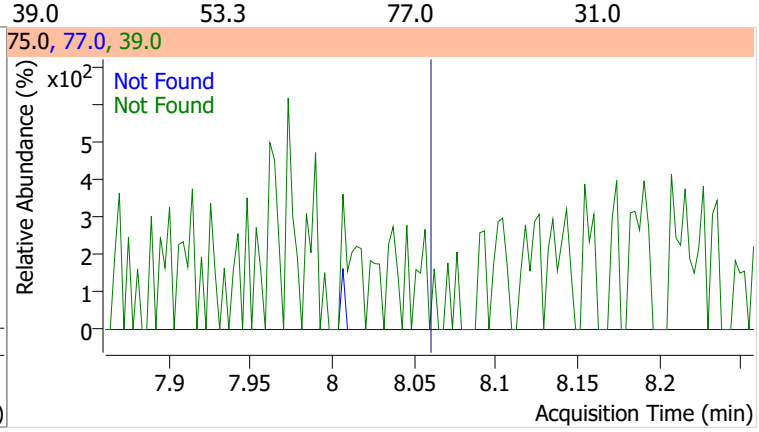
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



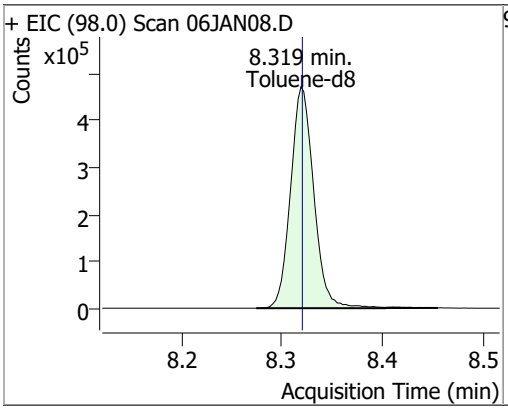


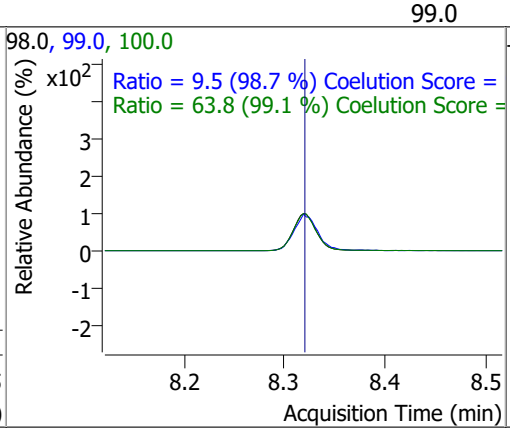
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

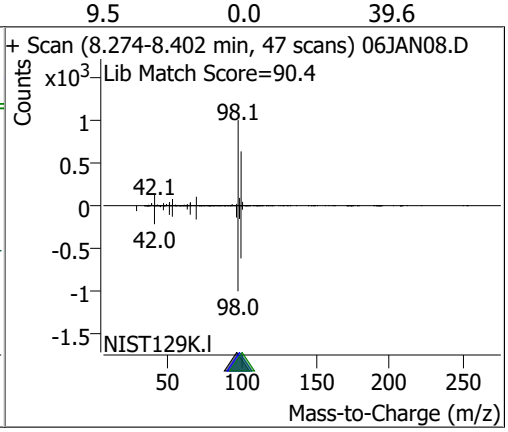




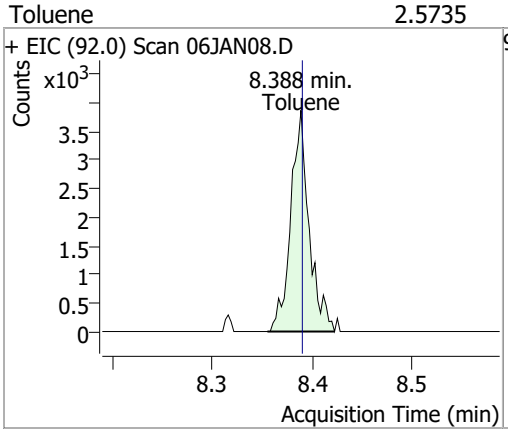
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	268.3302	8.32	0.00	758514	100.0	63.8	34.4	94.4
					99.0	9.5	0.0	39.6

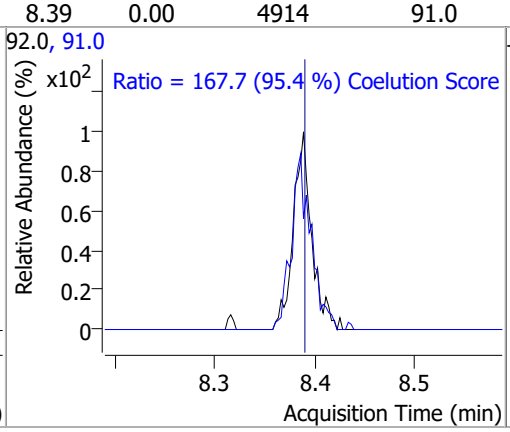


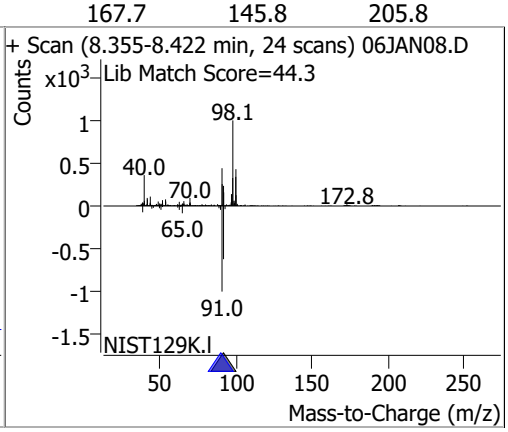




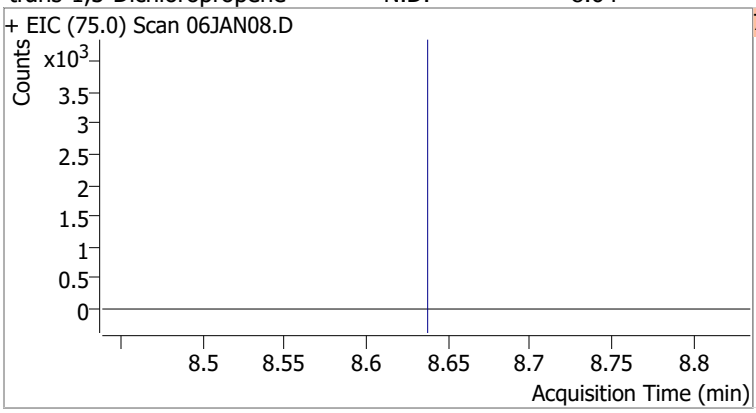
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.5735	8.39	0.00	4914	91.0	167.7	145.8	205.8

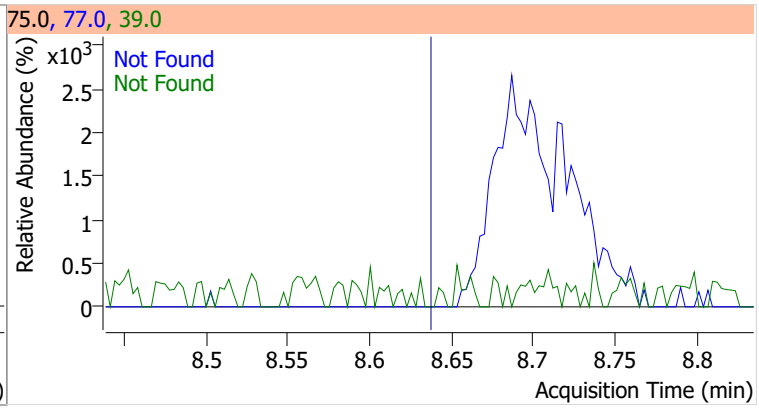




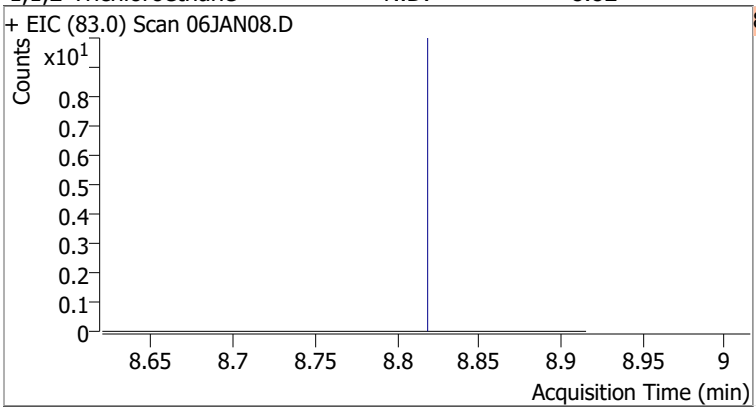


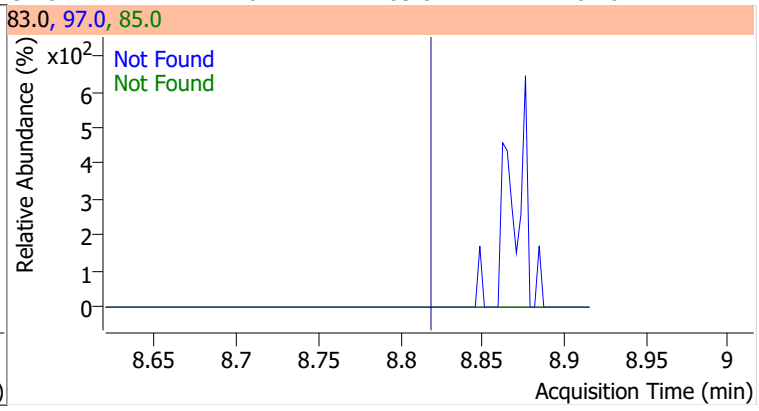
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



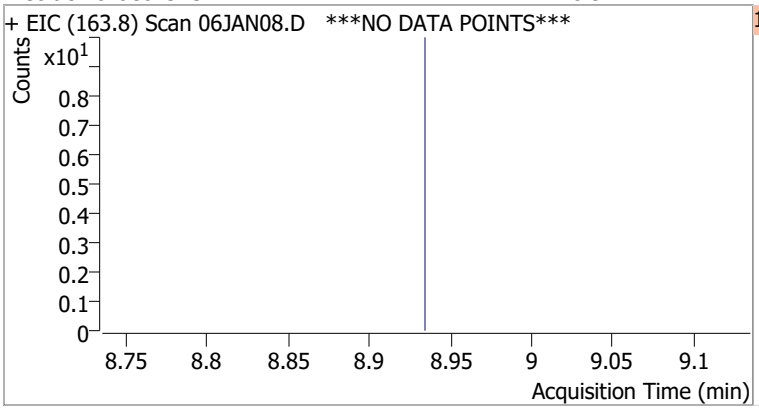


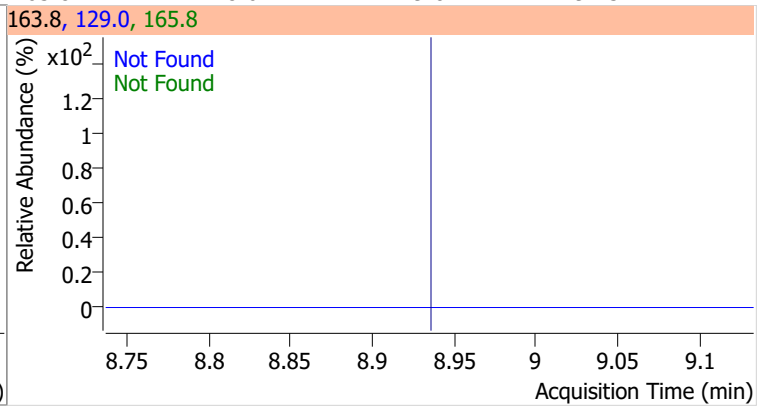
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



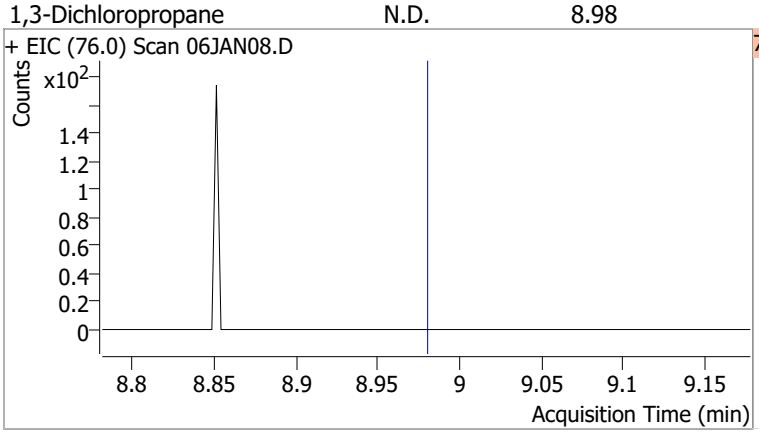


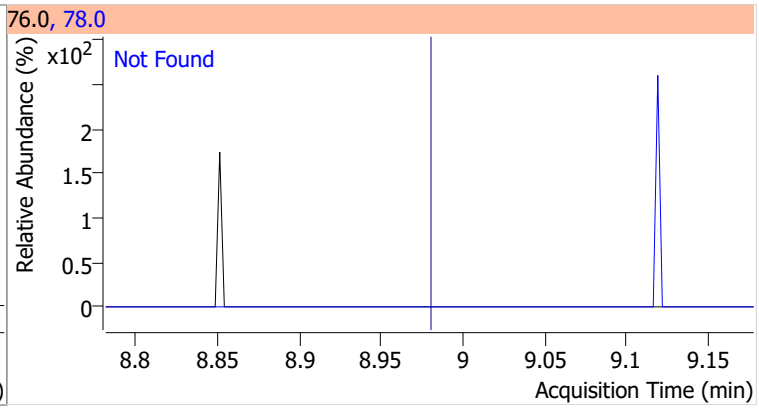
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



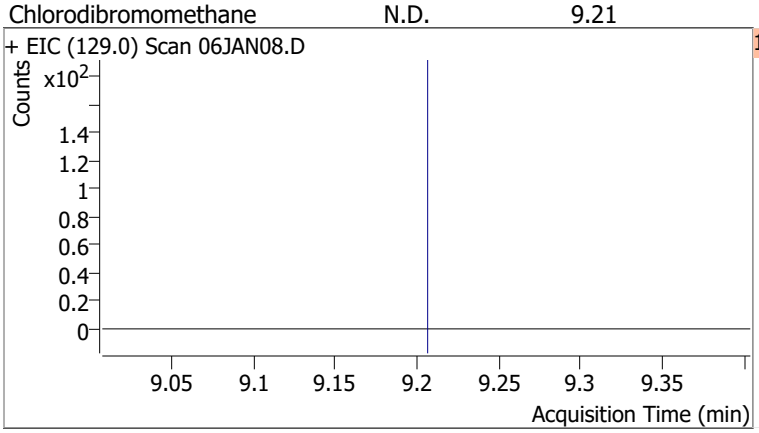


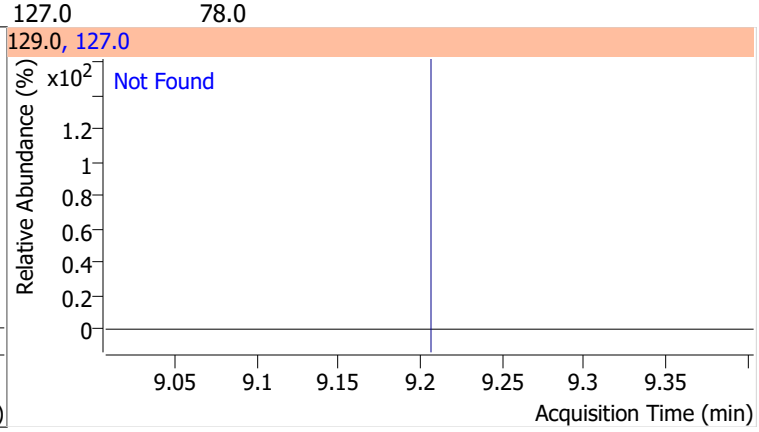
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



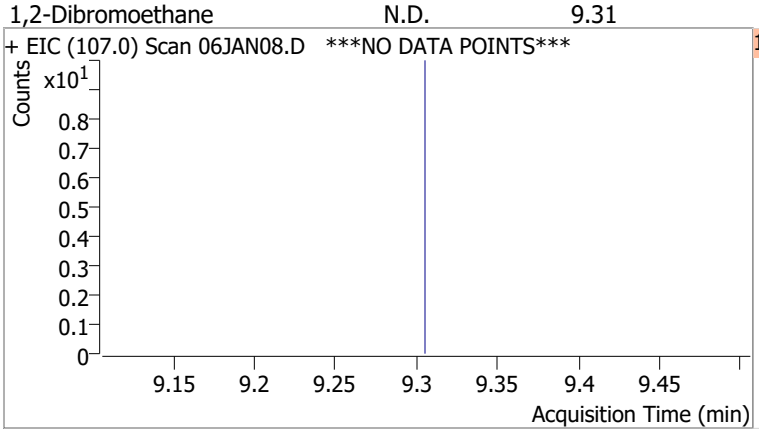


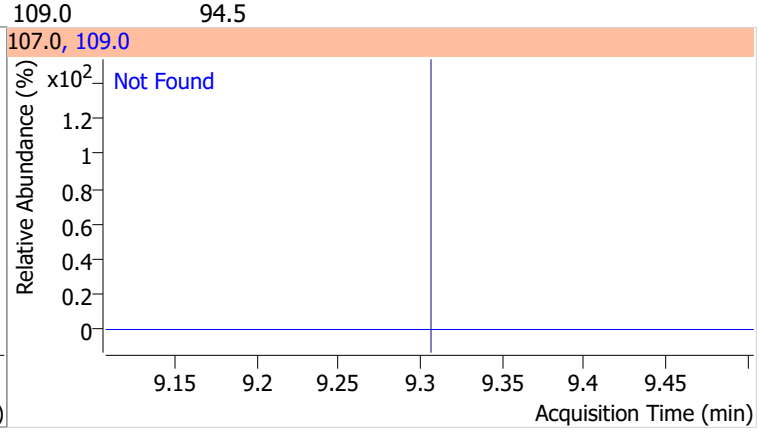
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



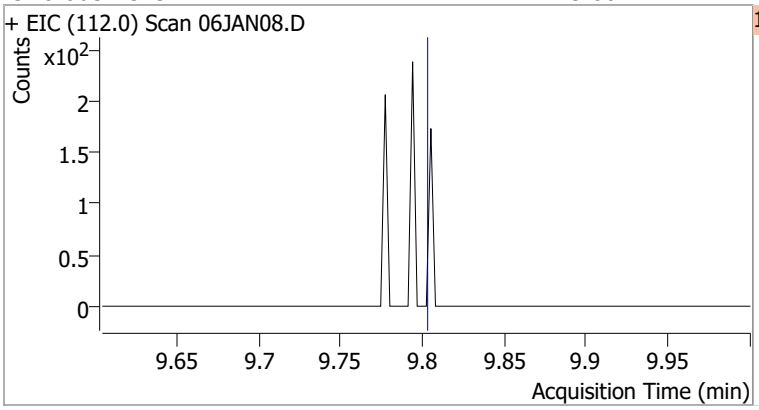


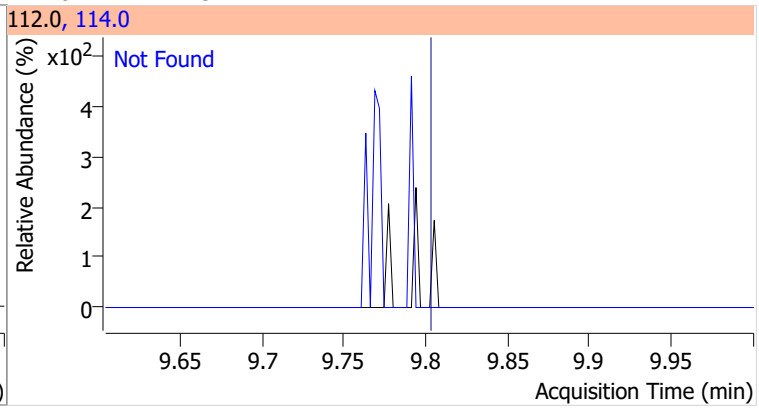
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



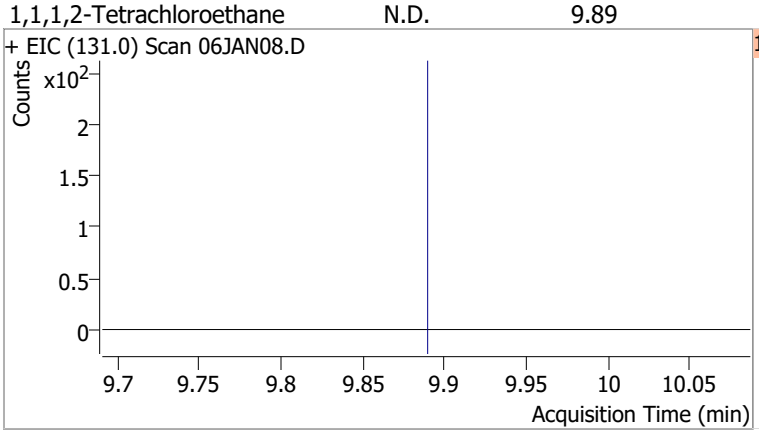


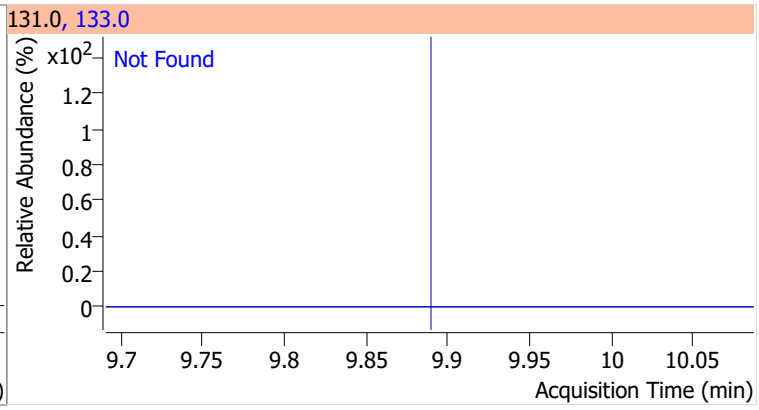
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



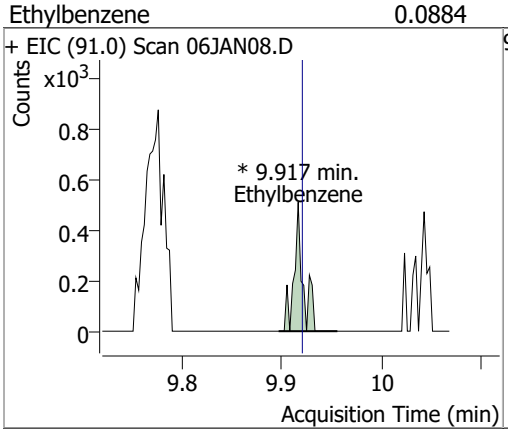


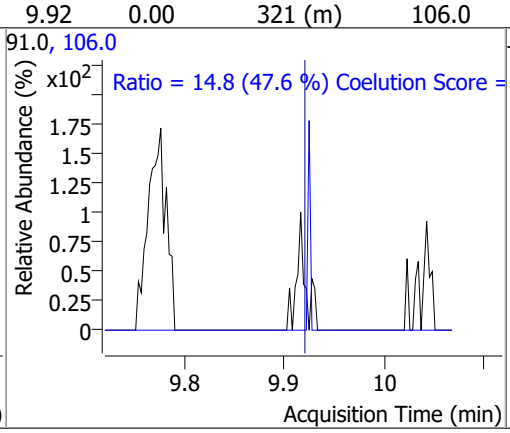
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6

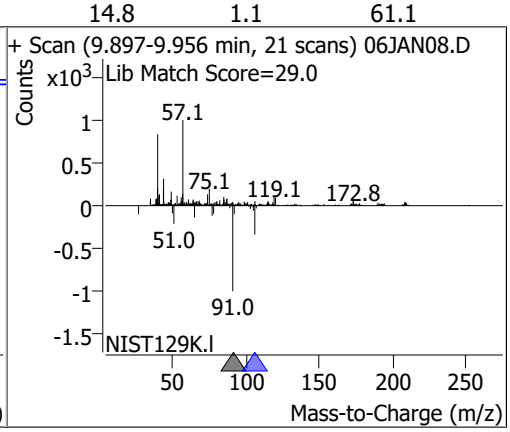




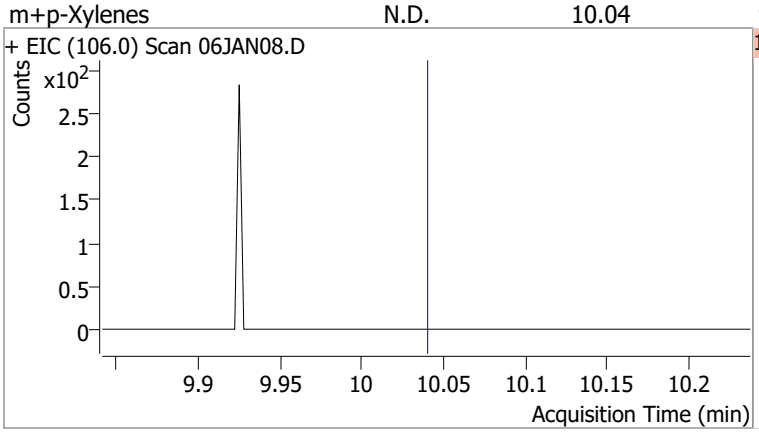
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.0884	9.92	0.00	321 (m)	106.0	14.8	1.1	61.1

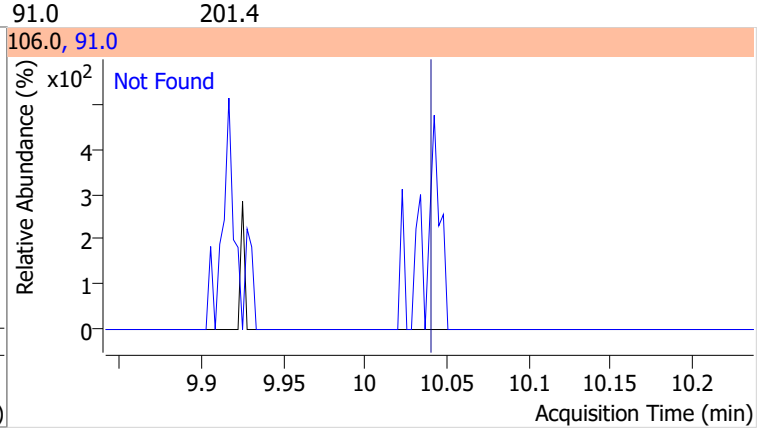




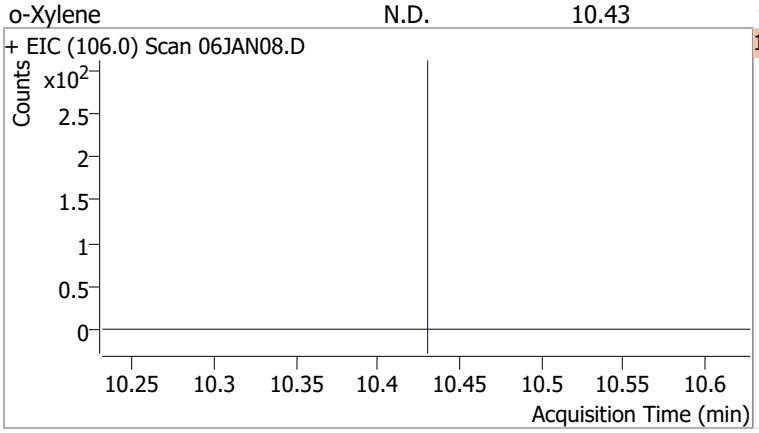


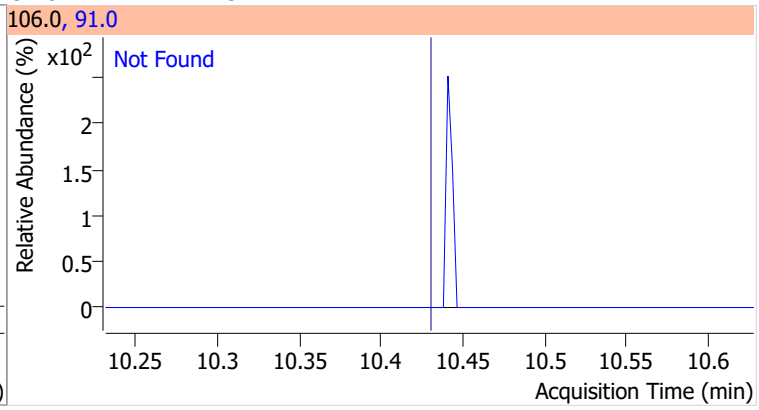
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



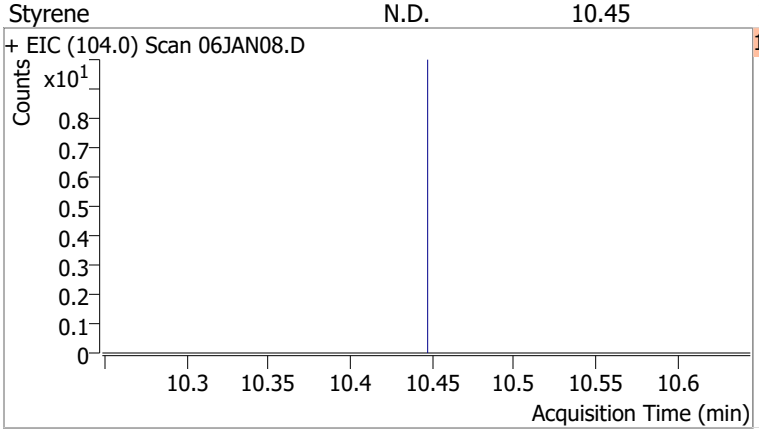


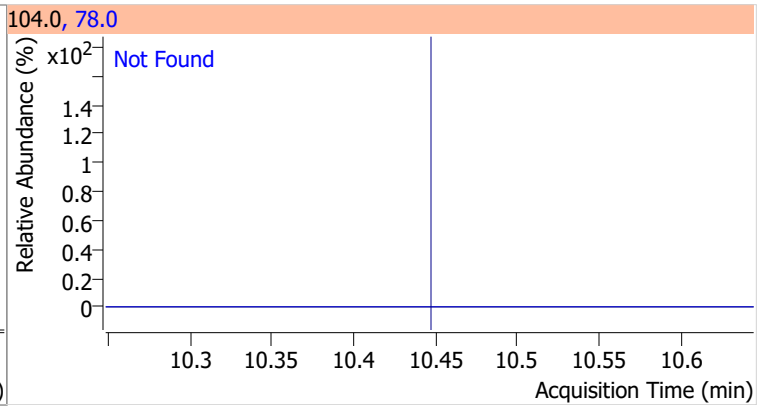
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



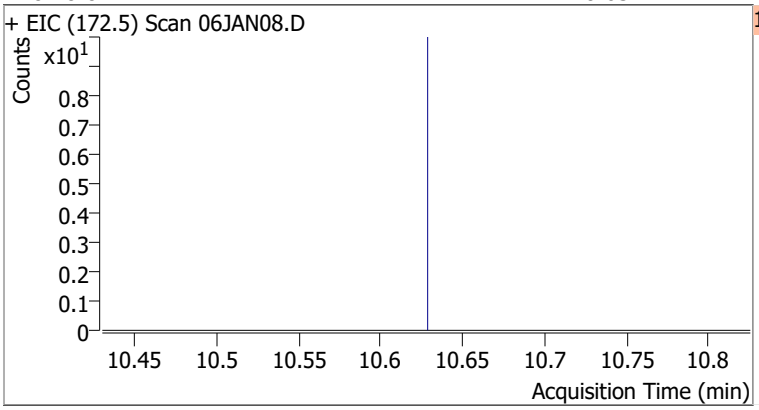


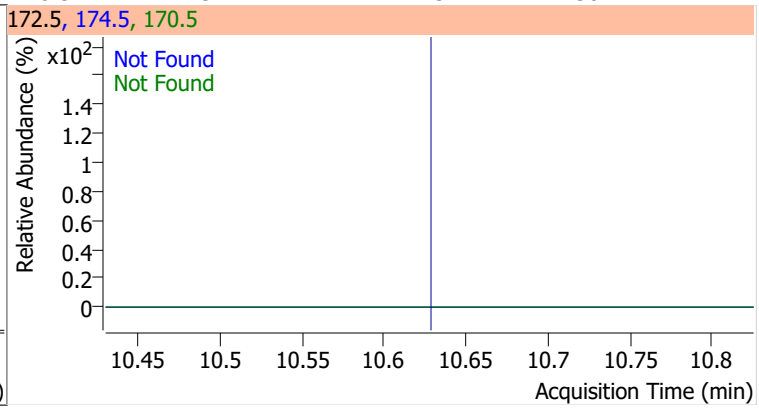
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



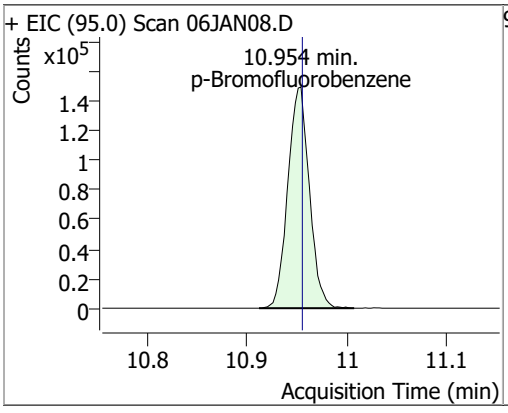


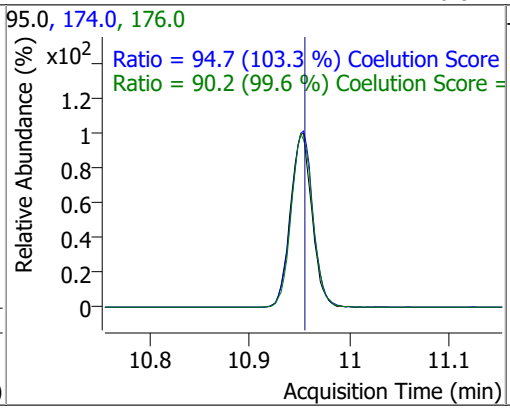
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

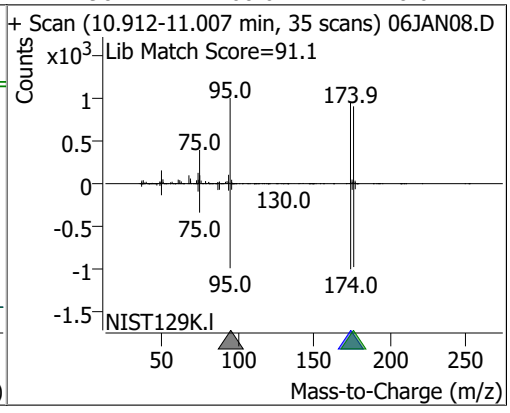




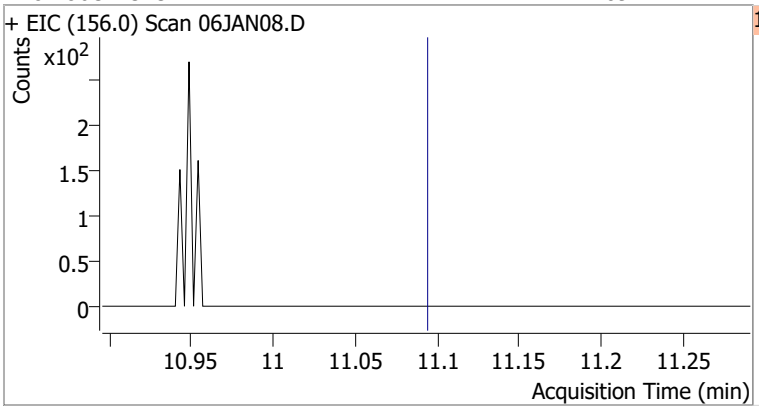
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	276.9231	10.95	0.00	222809	174.0	94.7	61.7	121.7
					176.0	90.2	60.6	120.6

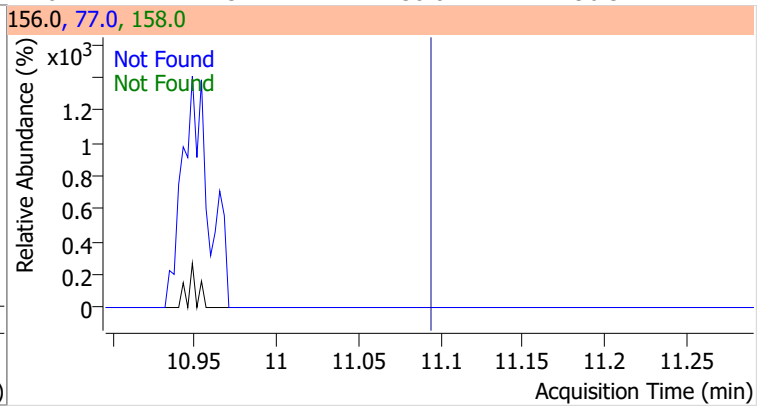




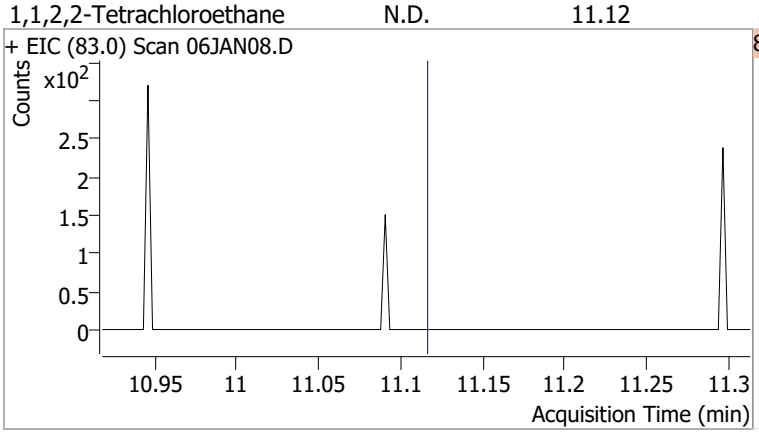


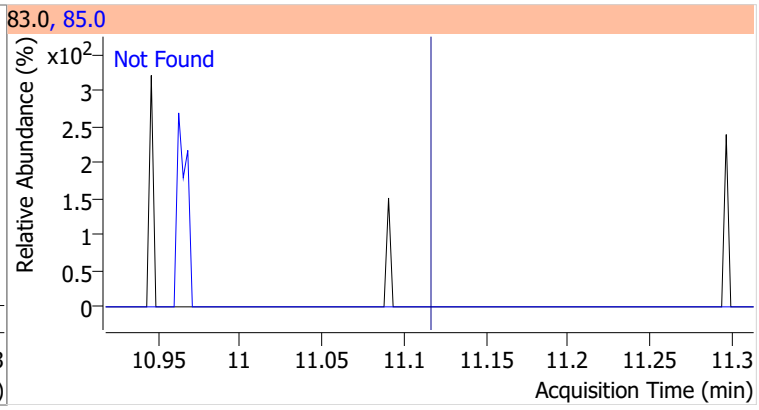
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



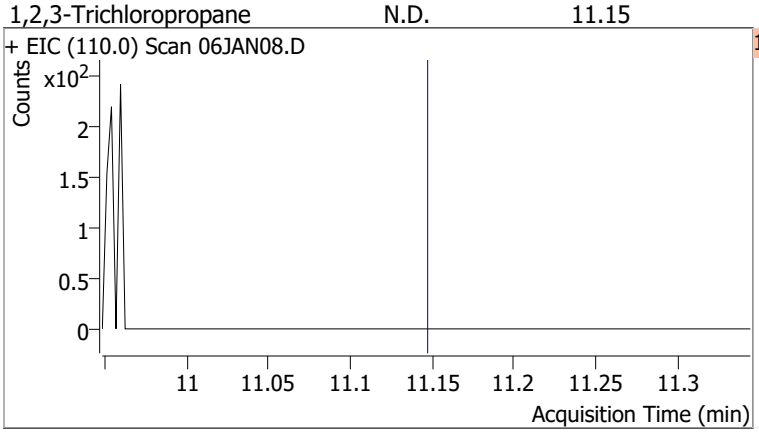


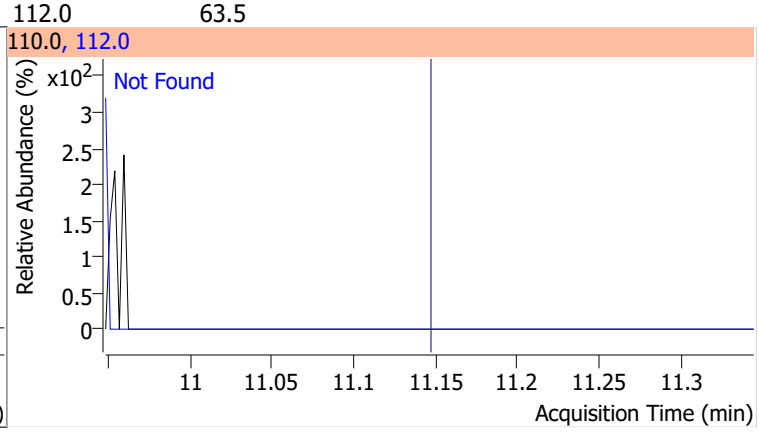
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



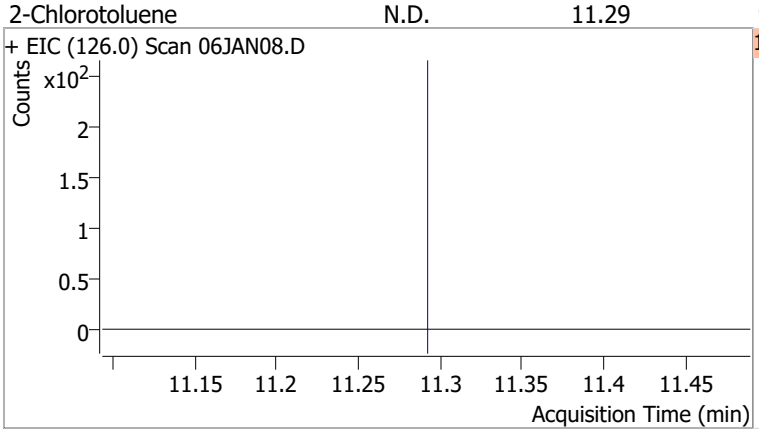


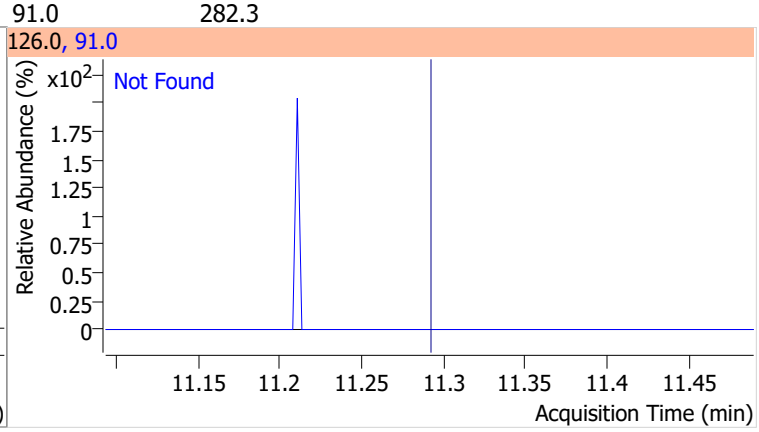
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



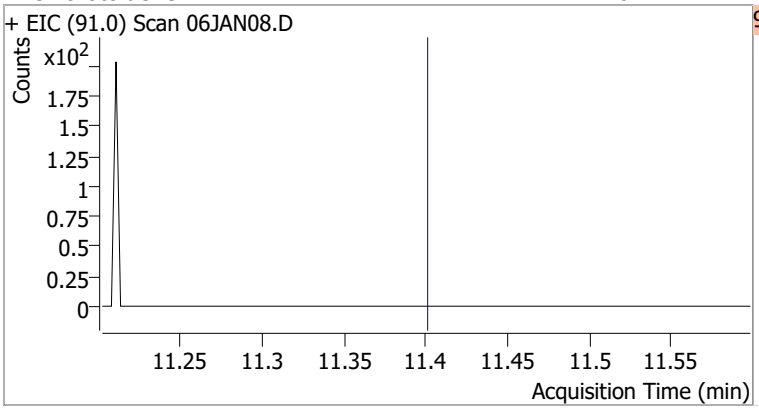


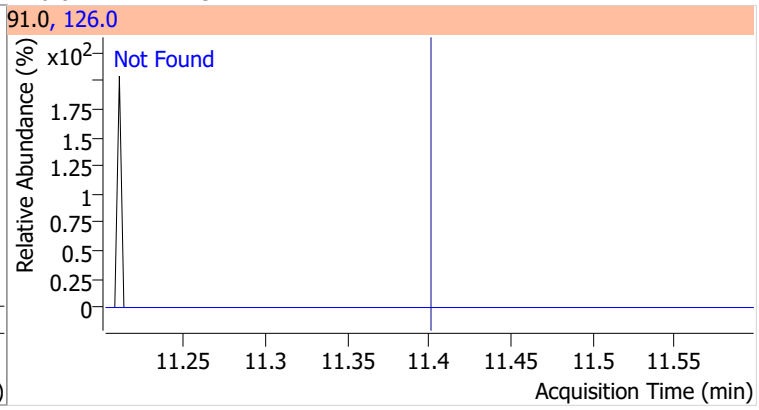
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



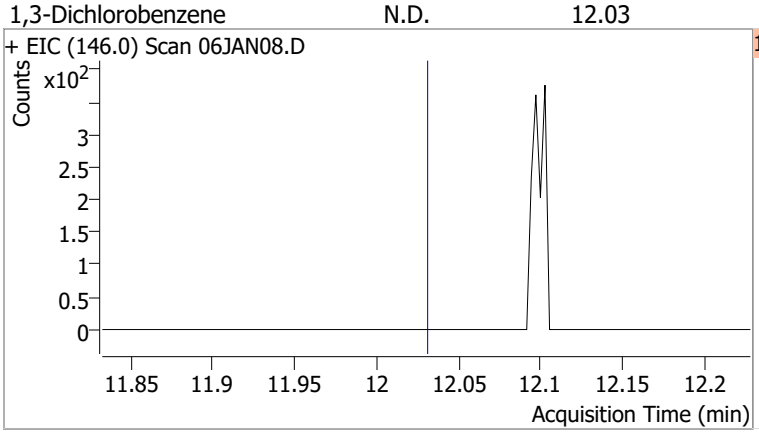


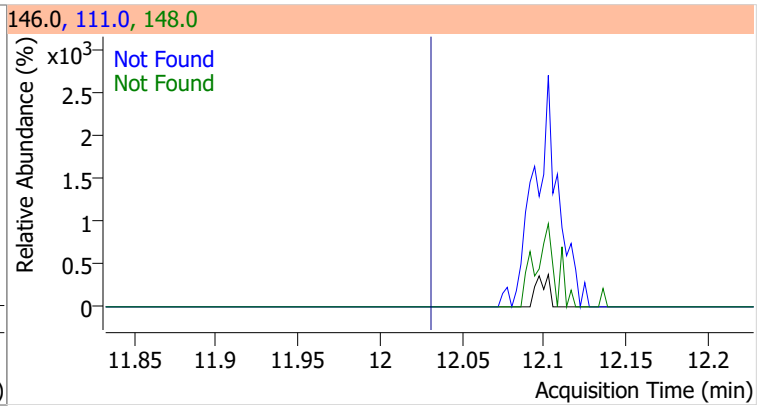
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



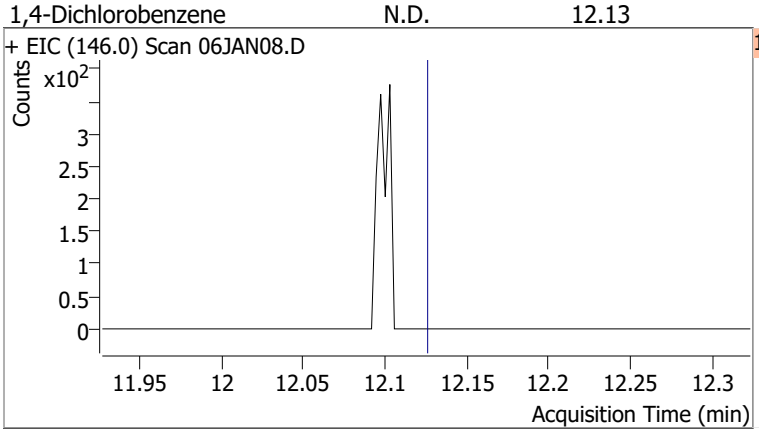


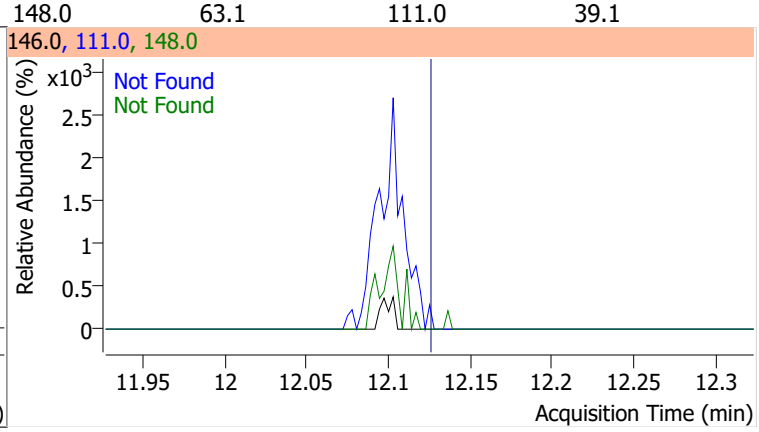
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



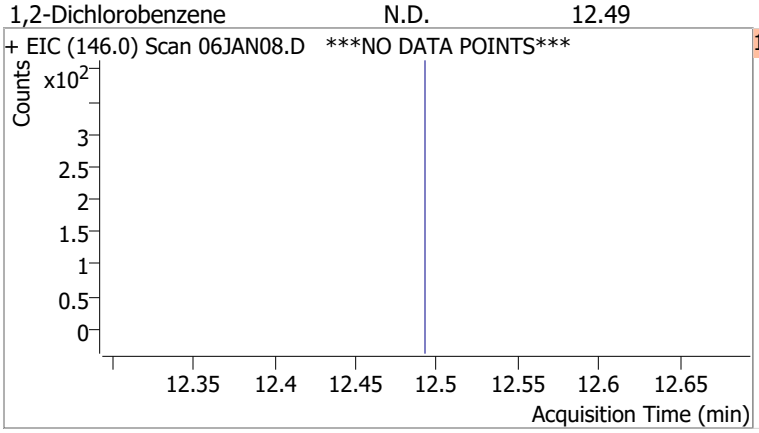


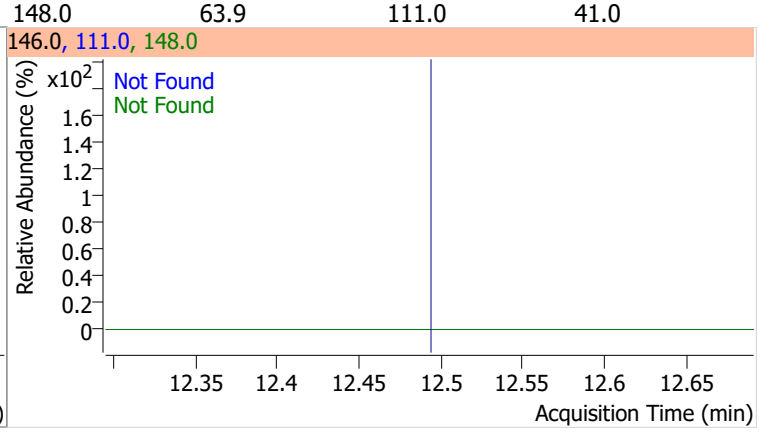
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





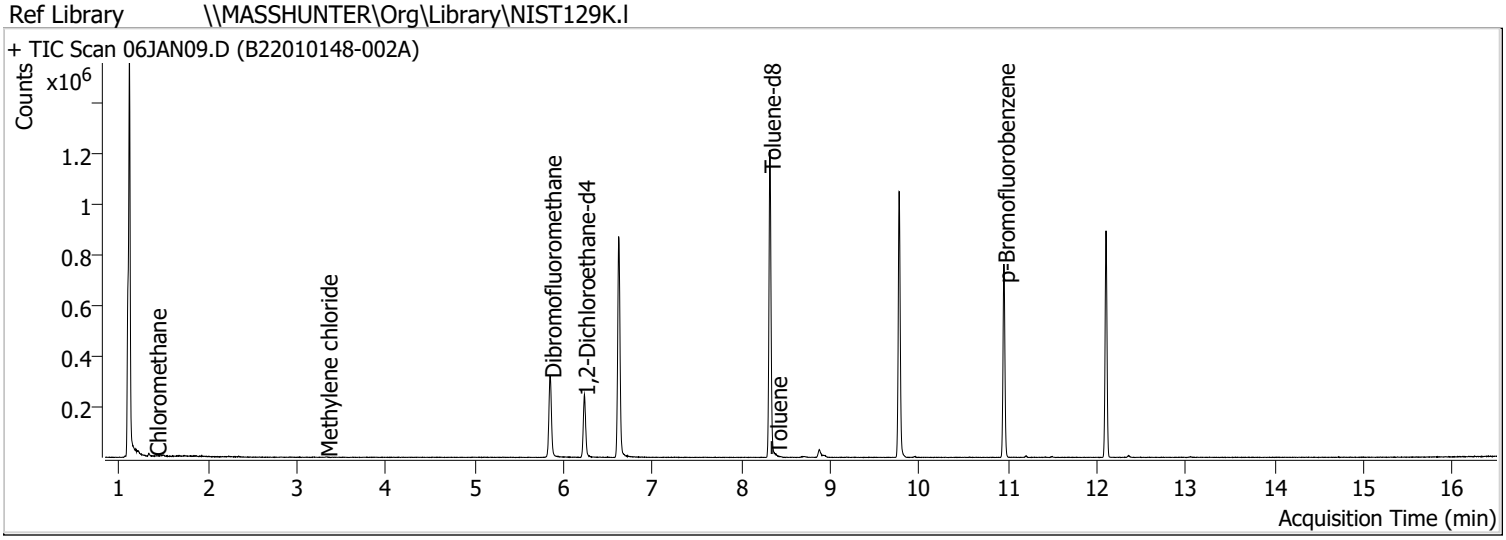
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 1:33:15 PM
Sample Name	B22010148-002A	Instrument	VOA5975C
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

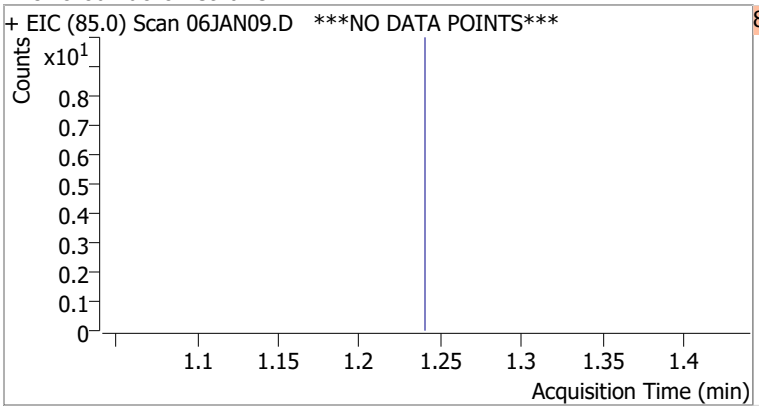


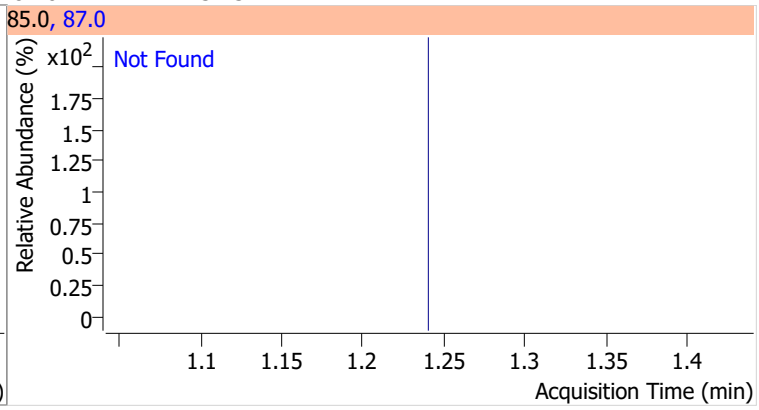
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.618	96.0	741628	250.0000	ng		-0.006
M Chlorobenzene-d5	9.772	82.0	288392	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	215034	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	194271	278.0508	ng		0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 111.22%			
S 1,2-Dichloroethane-d4	6.230	67.0	86608	286.9875	ng		-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.80%			
S Toluene-d8	8.319	98.0	732278	263.4954	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.40%			
S p-Bromofluorobenzene	10.951	95.0	213473	270.9805	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.39%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.408	50.0	813	0.6891	ng	m	96
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.330	49.0	1218	1.1056	ng	m	72
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	0.000		0	N.D.			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.388	92.0	1299	0.6919	ng	m	83
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.034	106.0	0		ng	md	1
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

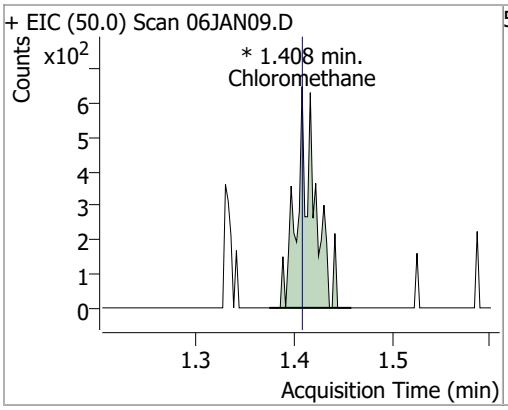
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

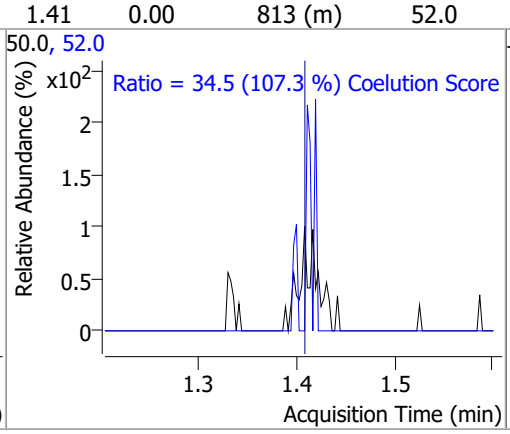
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

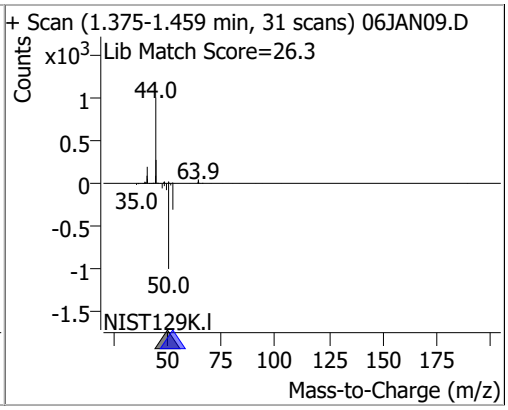




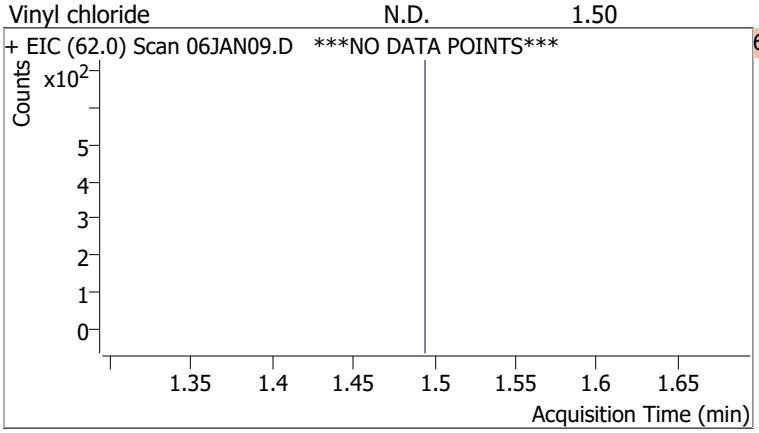
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.6891	1.41	0.00	813 (m)	52.0	34.5	2.1	62.1

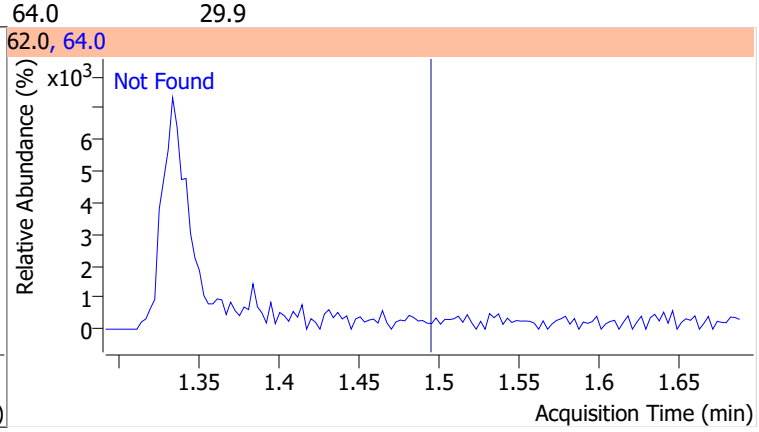




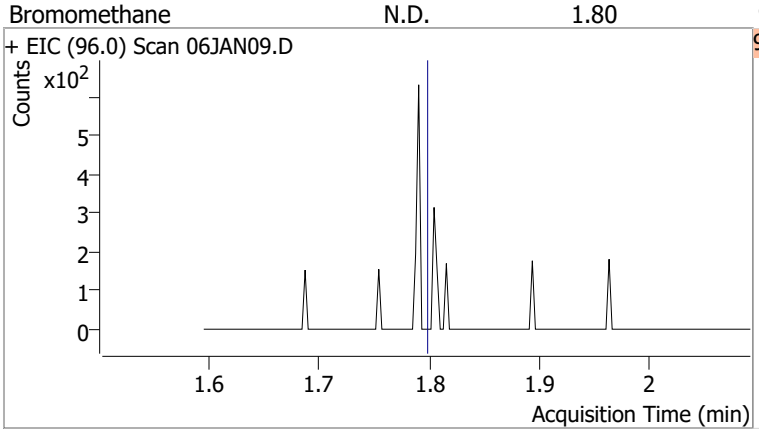


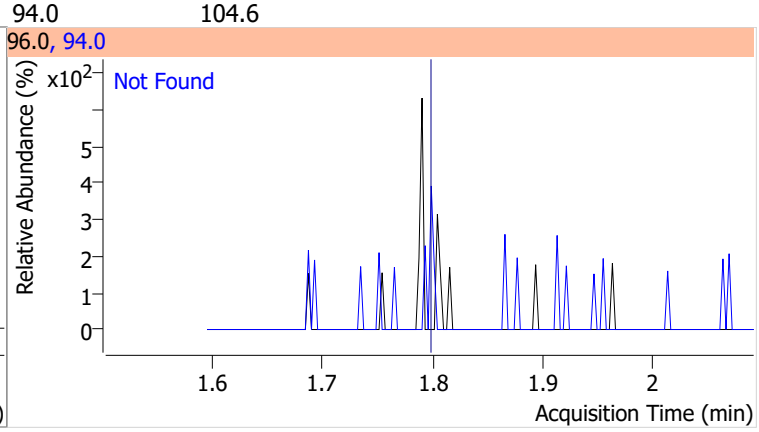
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



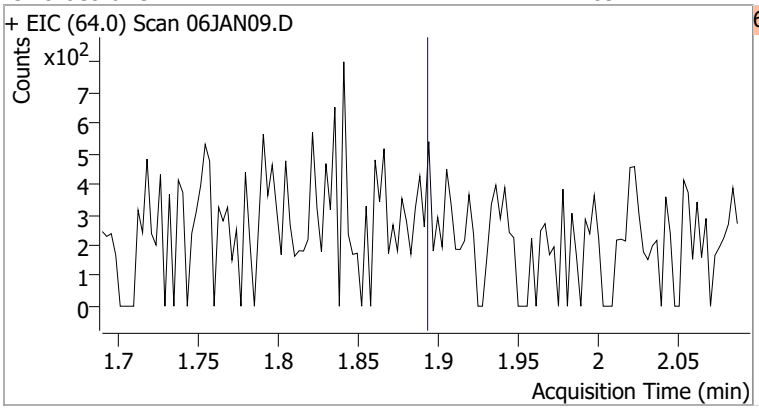


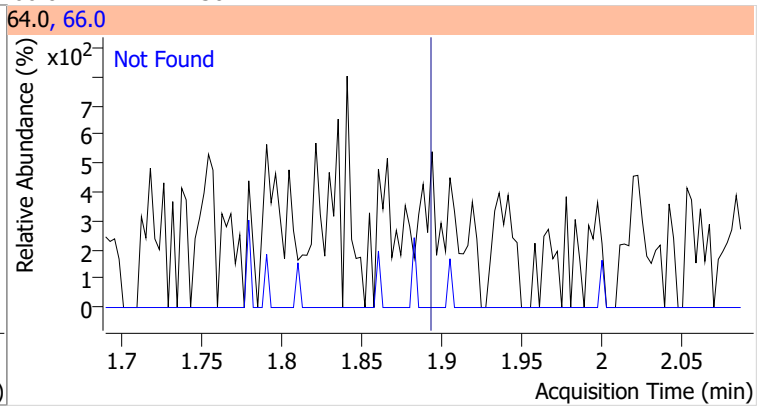
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



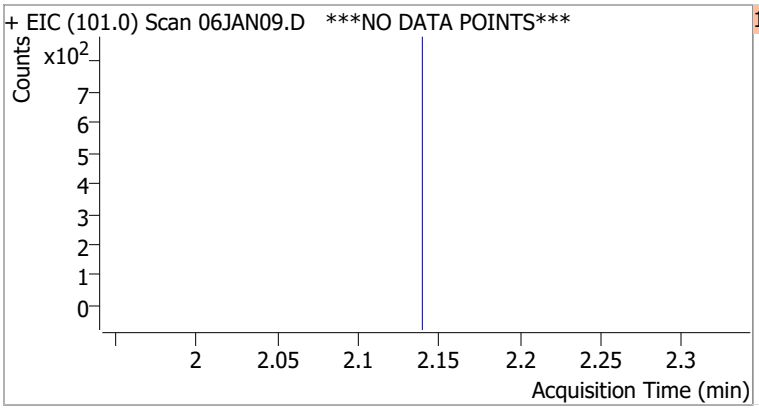


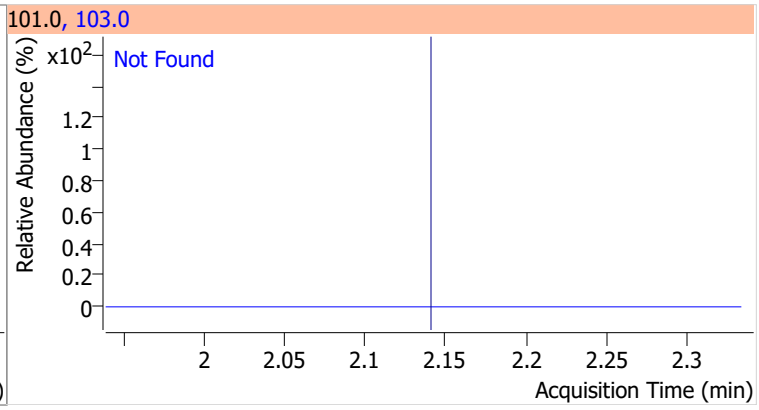
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



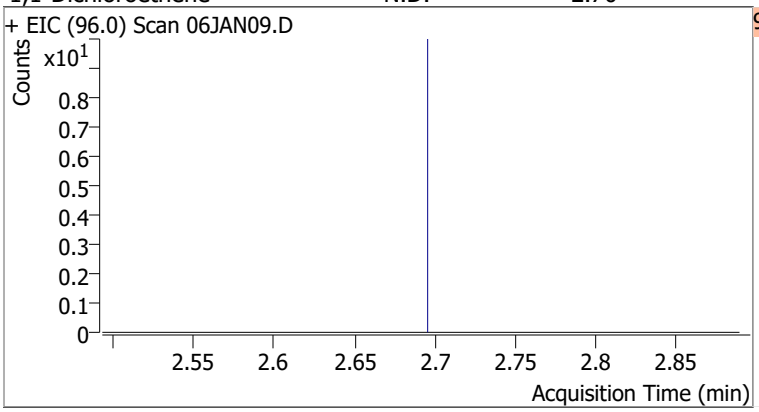


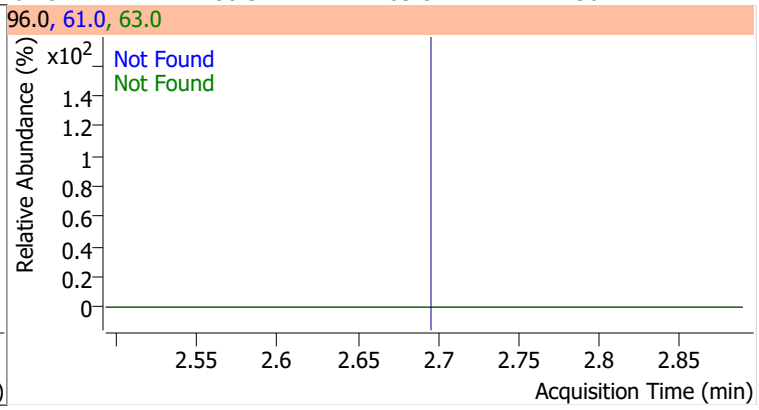
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



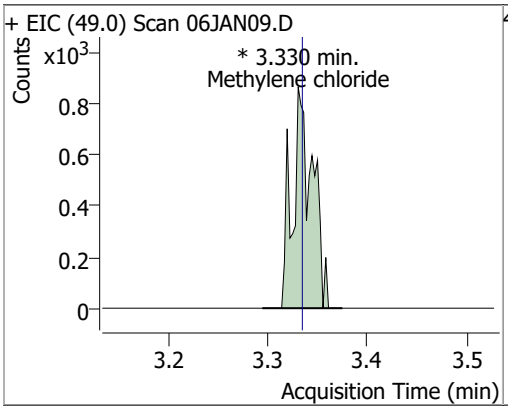


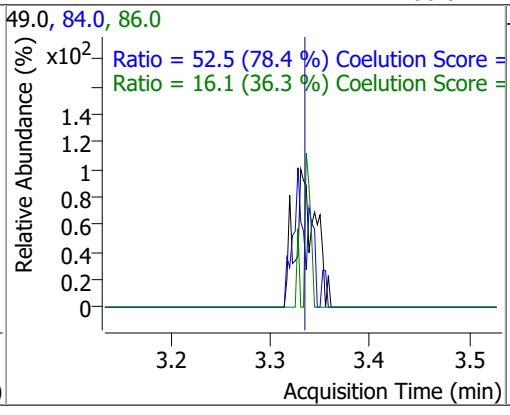
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

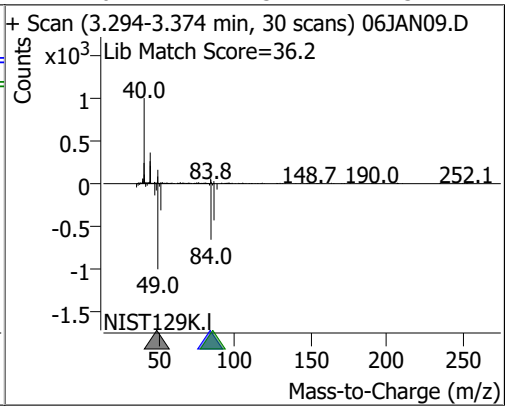




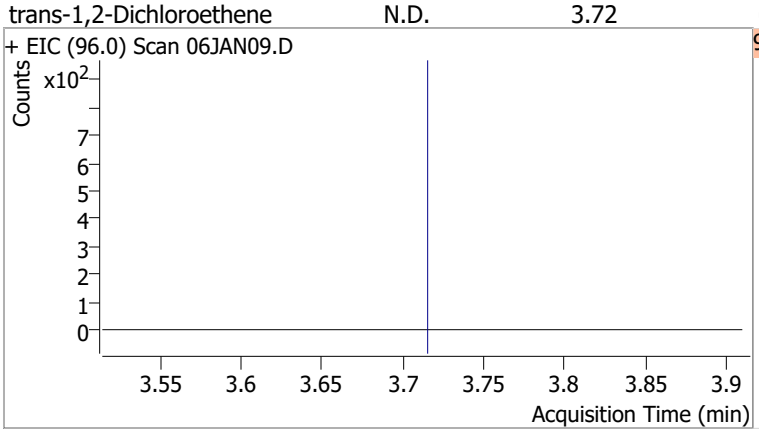
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.1056	3.33	-0.01	1218 (m)	84.0	52.5	36.9	96.9
					86.0	16.1	14.3	74.3

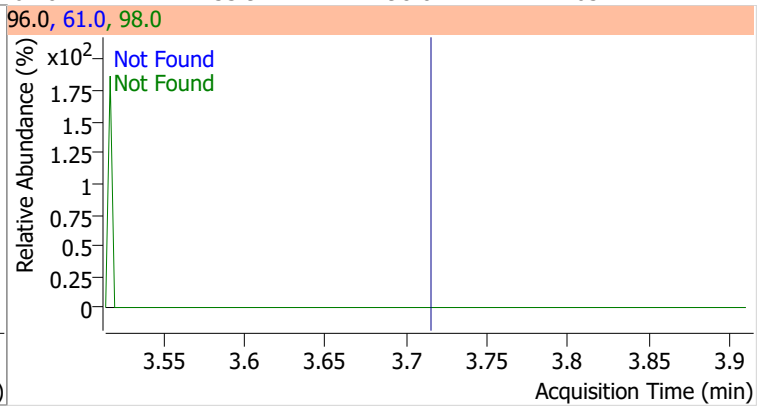




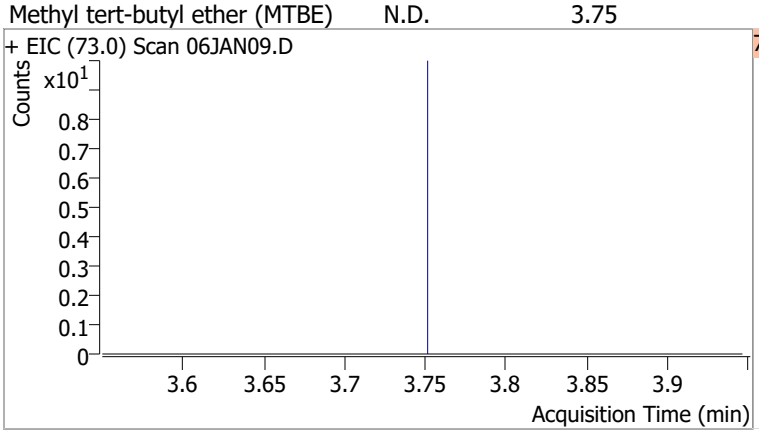


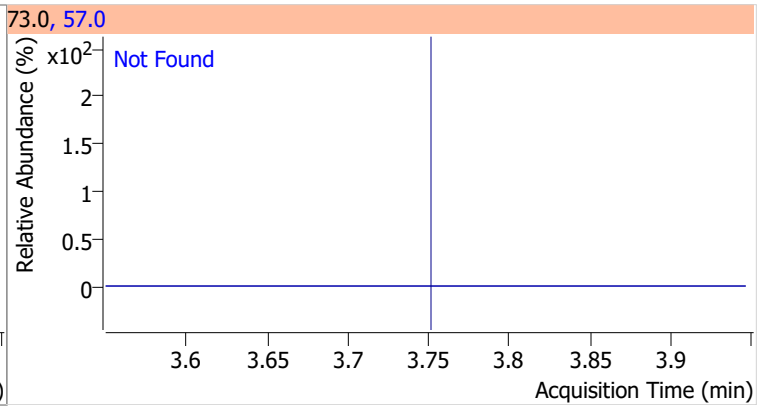
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



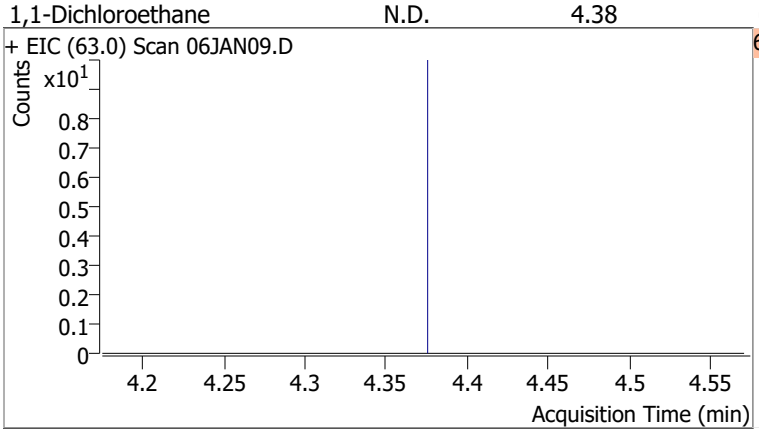


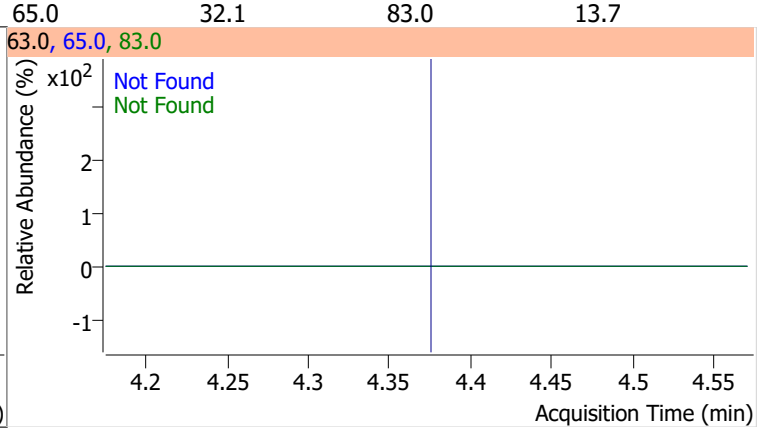
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



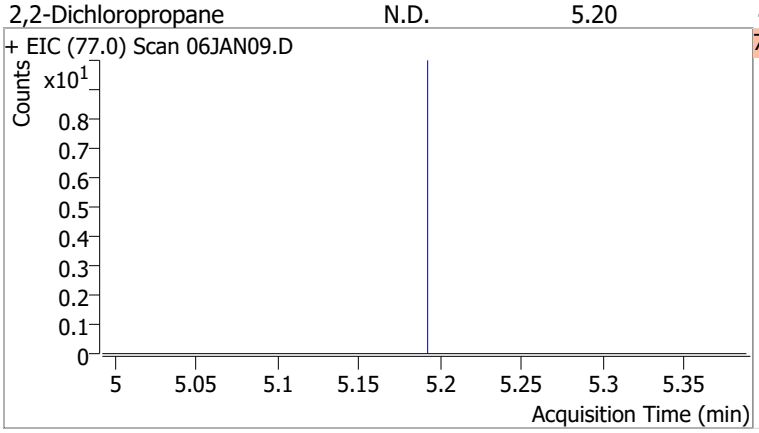


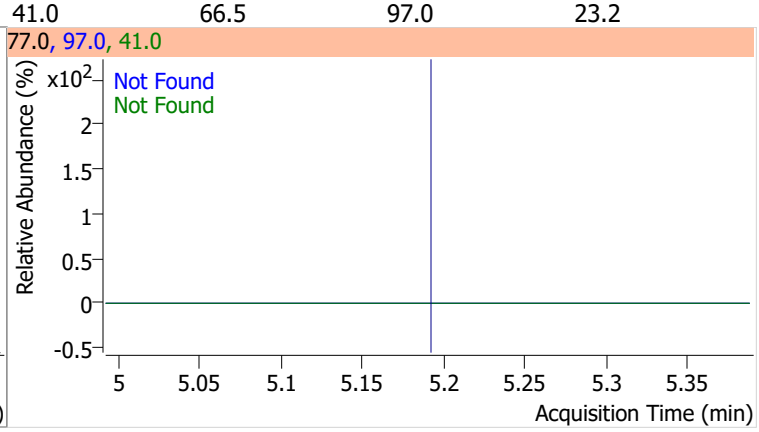
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



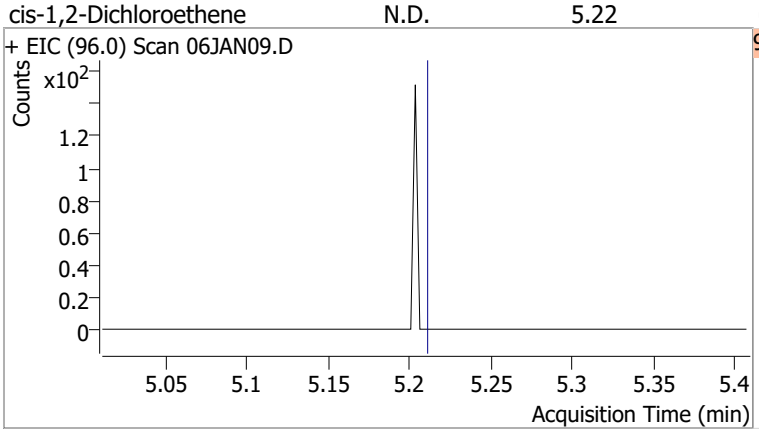


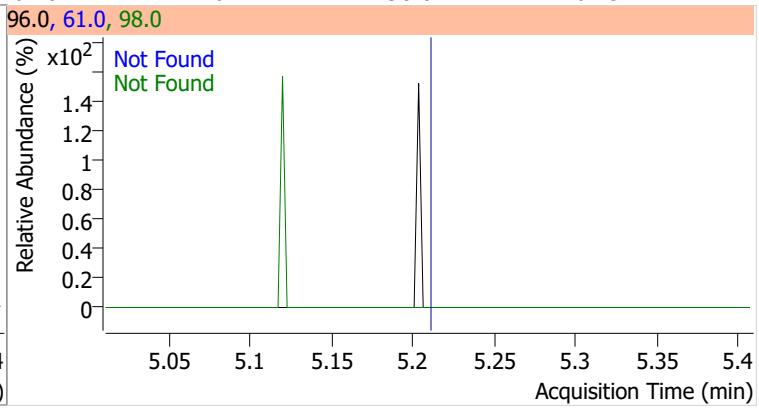
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



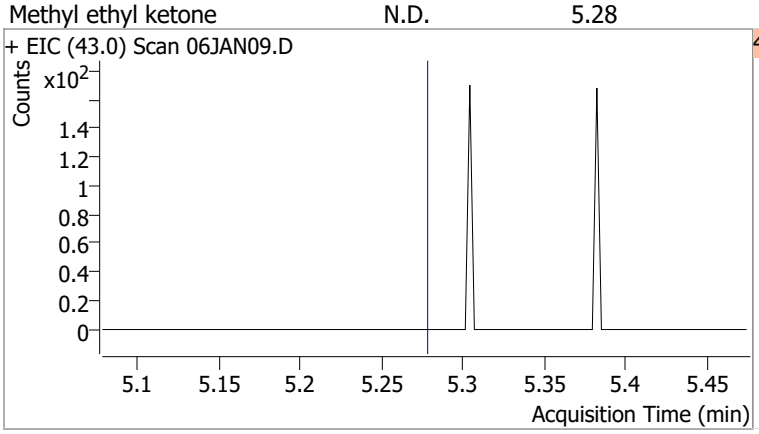


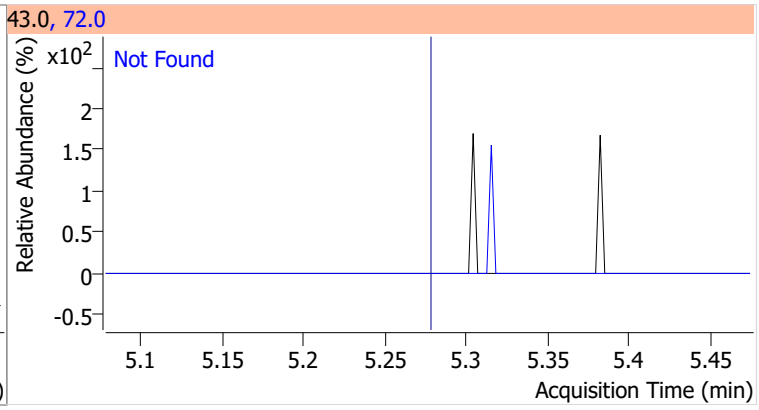
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



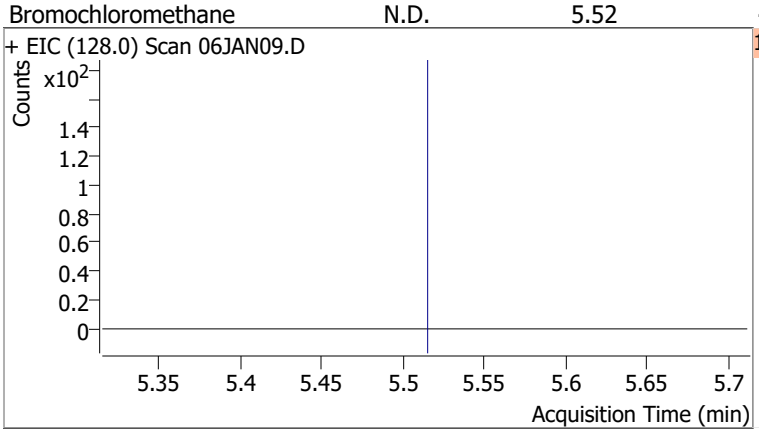


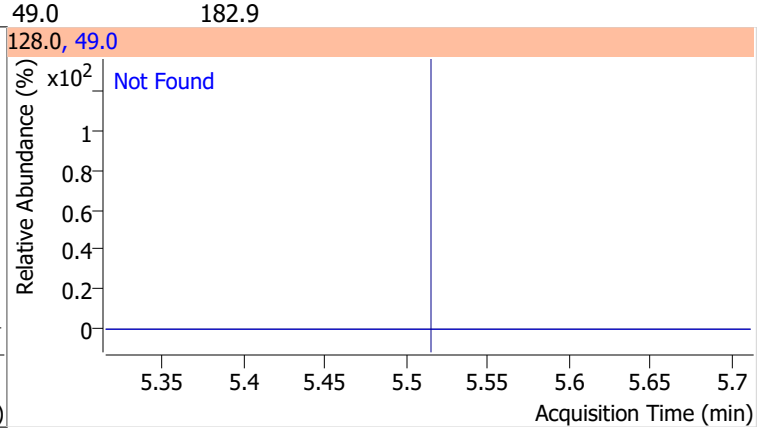
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



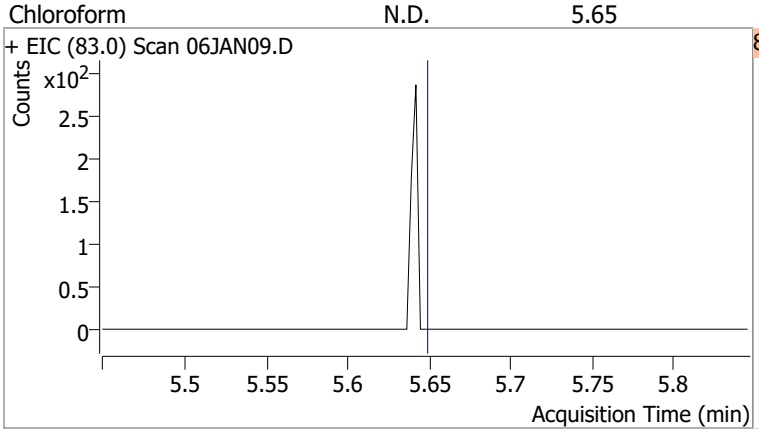


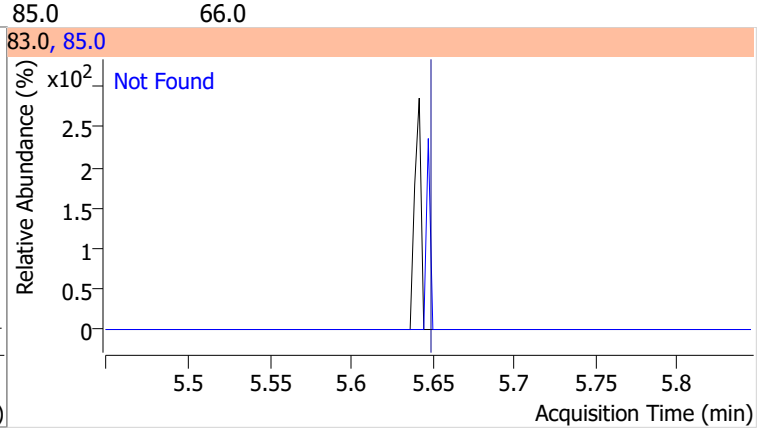
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



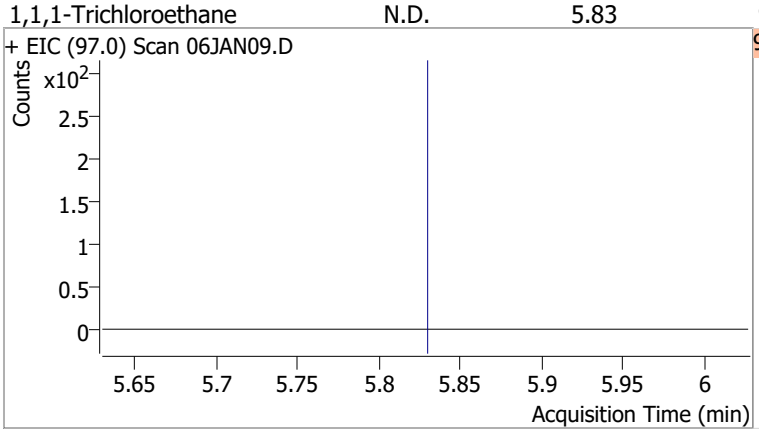


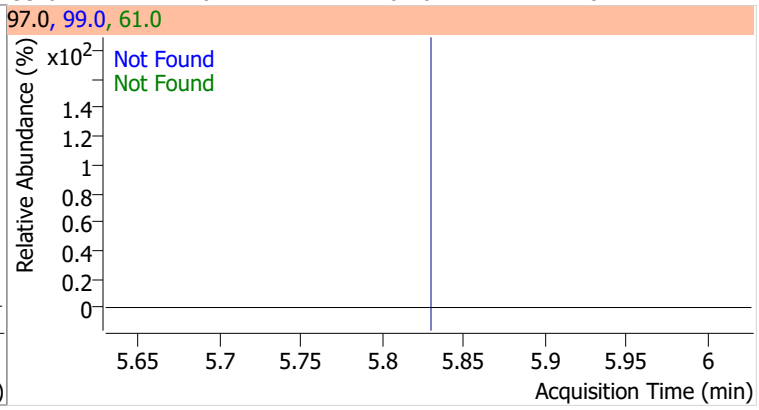
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.0



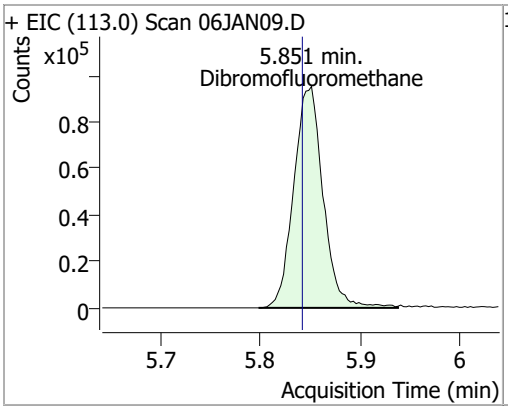


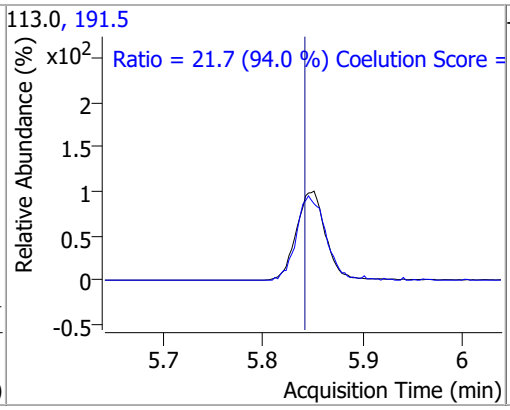
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

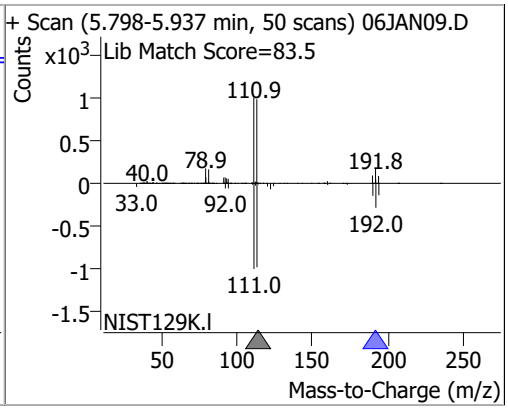




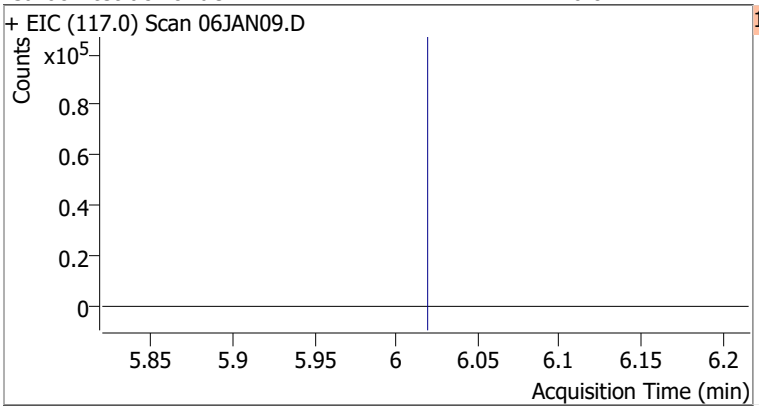
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	278.0508	5.85	0.01	194271	191.5	21.7	0.0	53.1

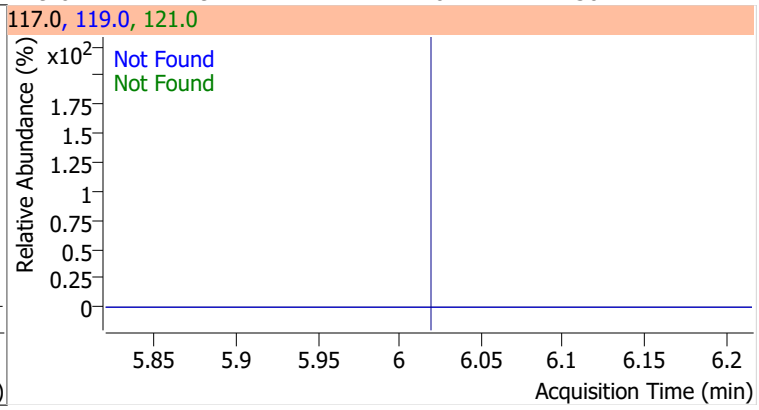




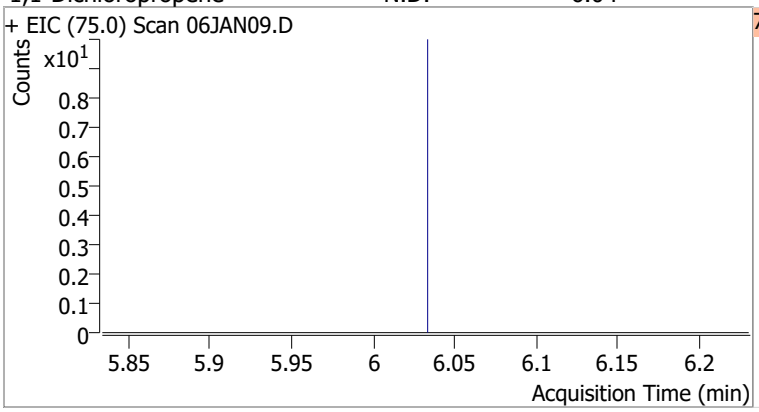


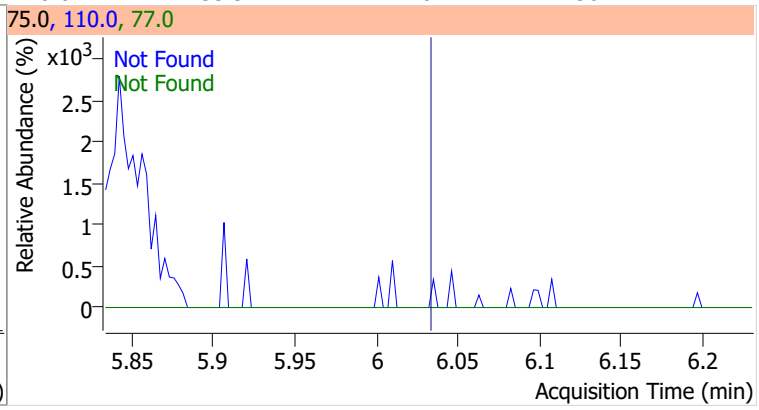
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



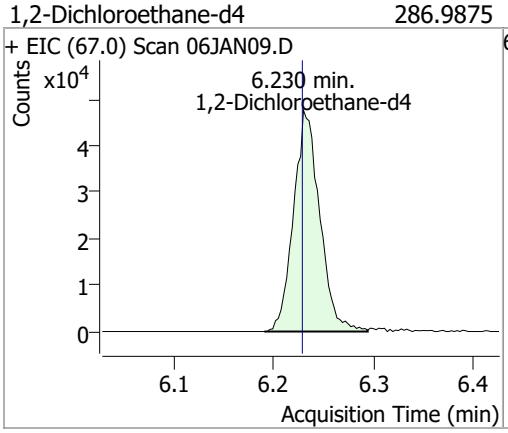


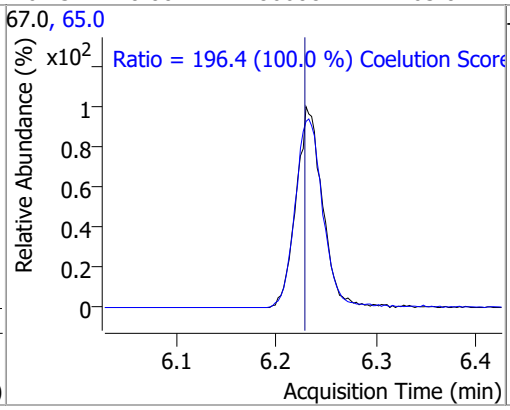
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

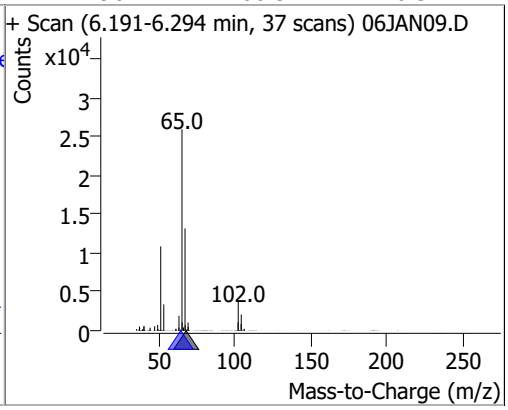




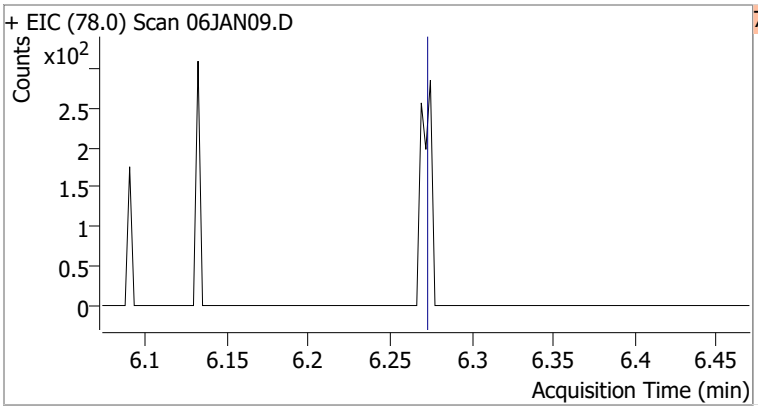
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	286.9875	6.23	0.00	86608	65.0	196.4	166.5	226.5

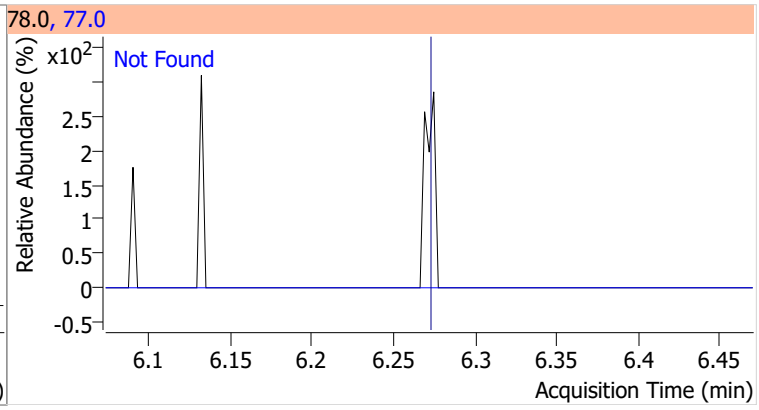




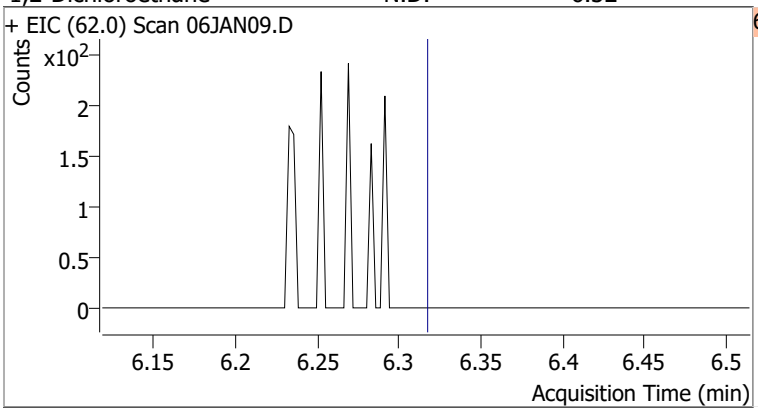


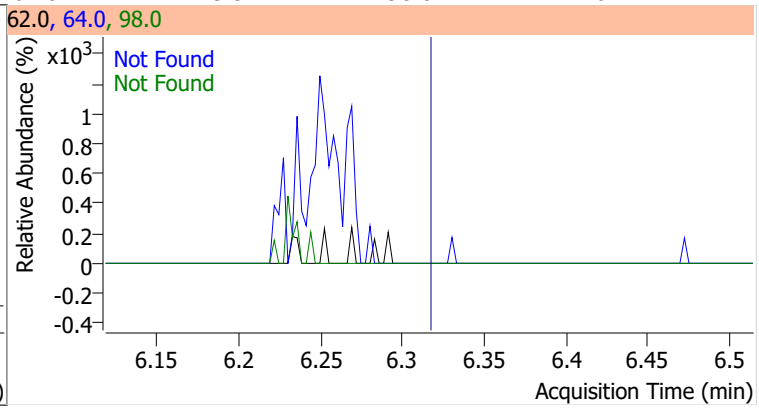
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



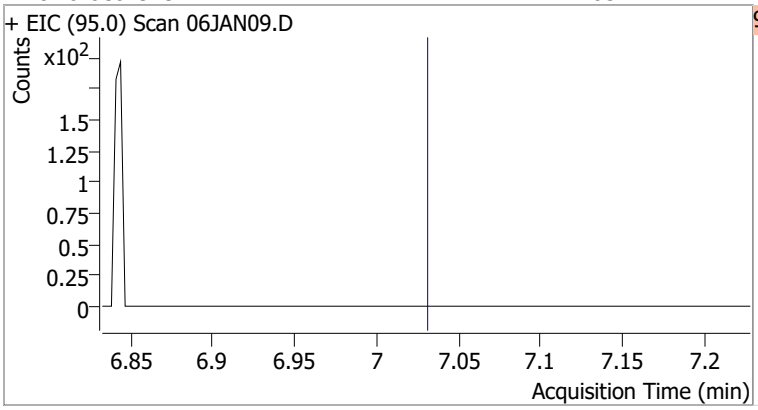


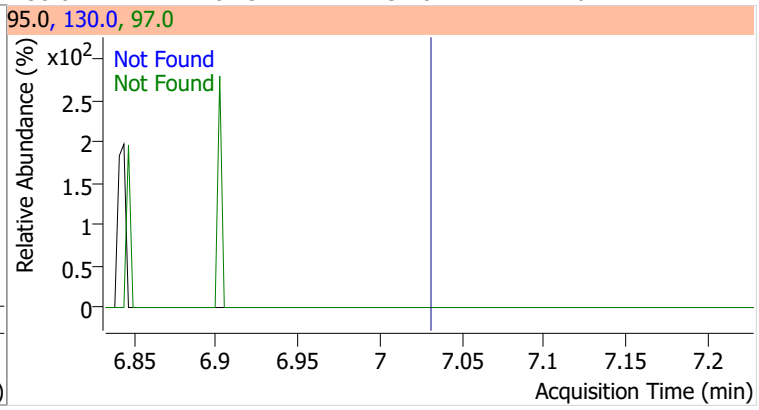
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



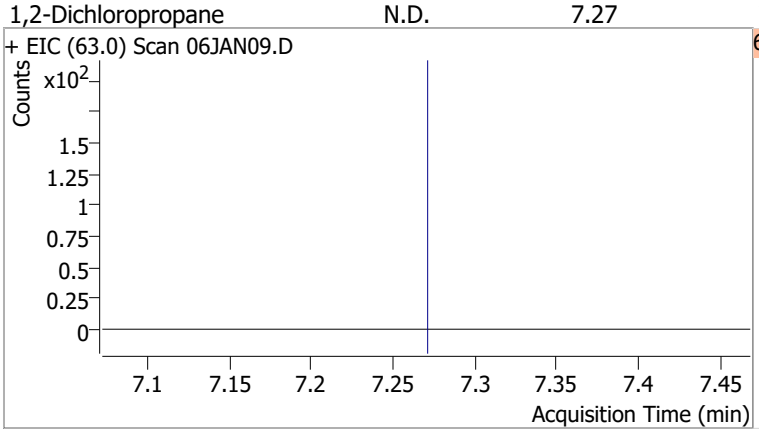


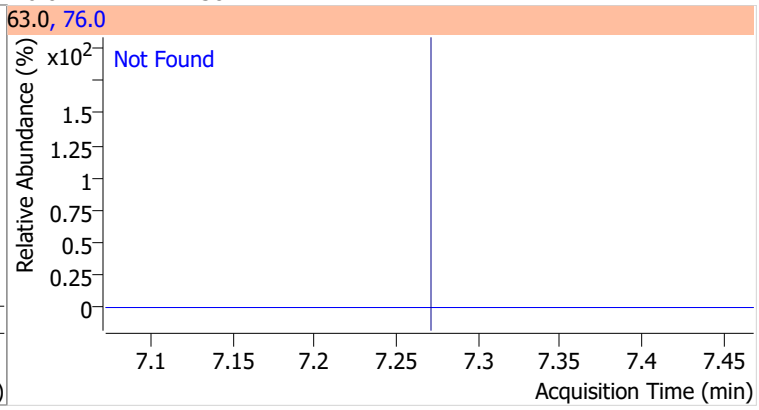
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



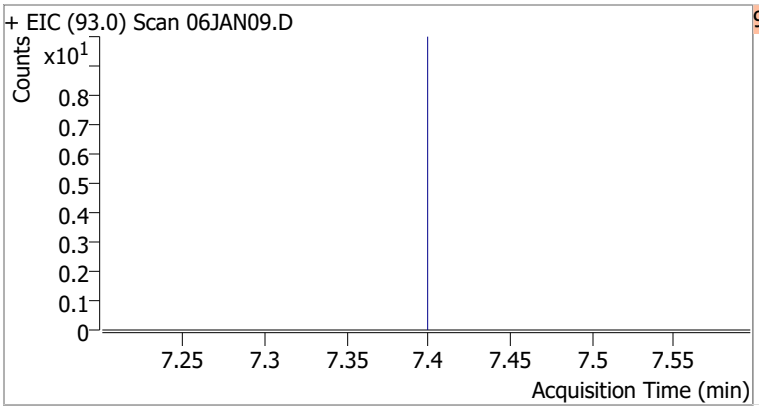


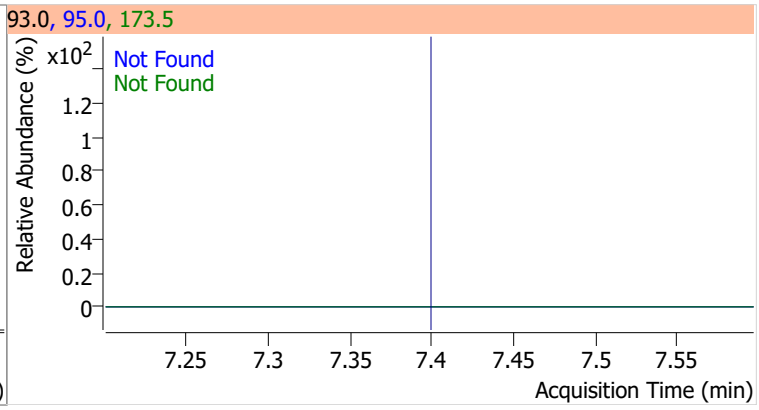
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



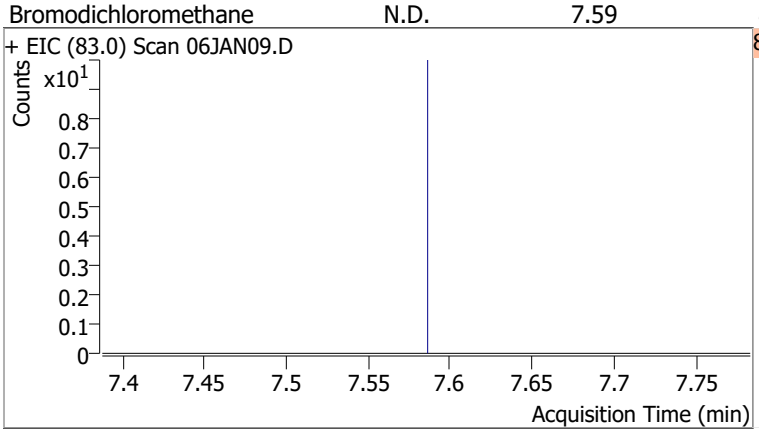


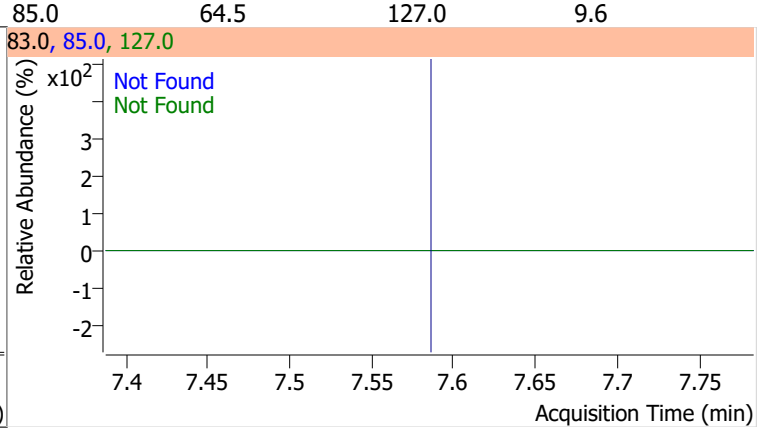
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



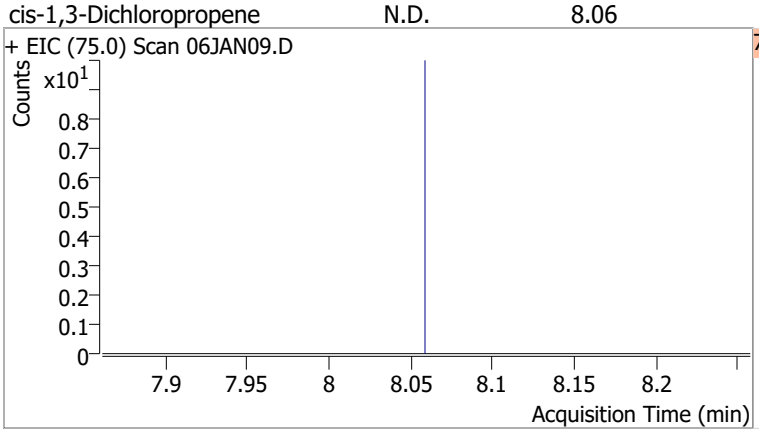


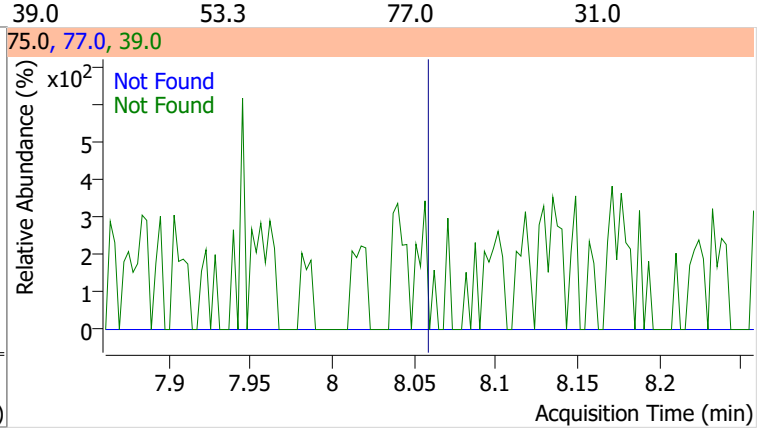
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



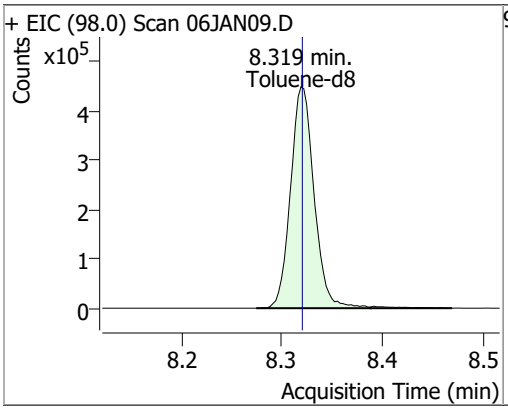


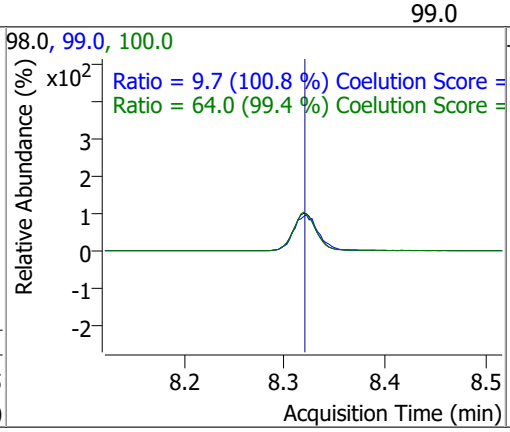
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

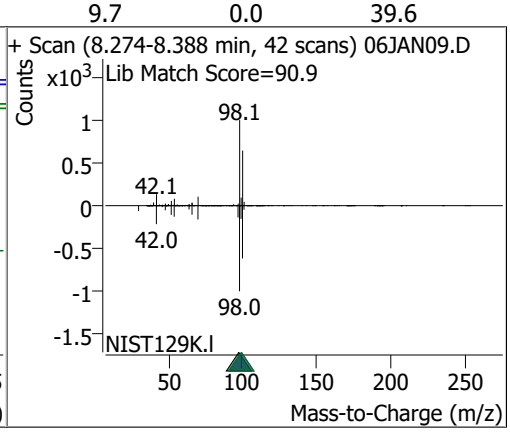




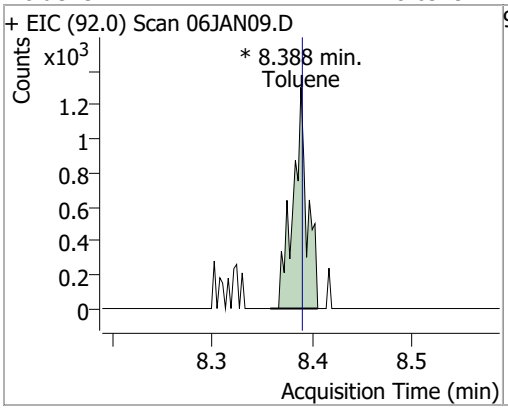
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	263.4954	8.32	0.00	732278	100.0	64.0	34.4	94.4
					99.0	9.7	0.0	39.6

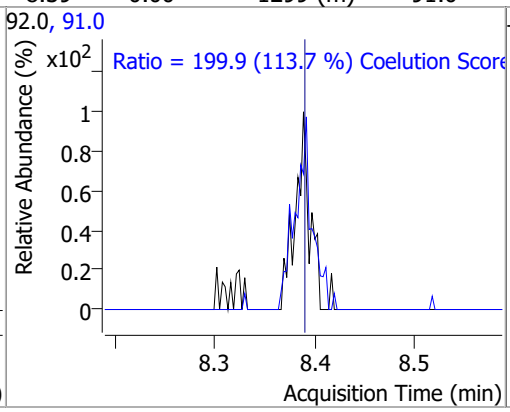


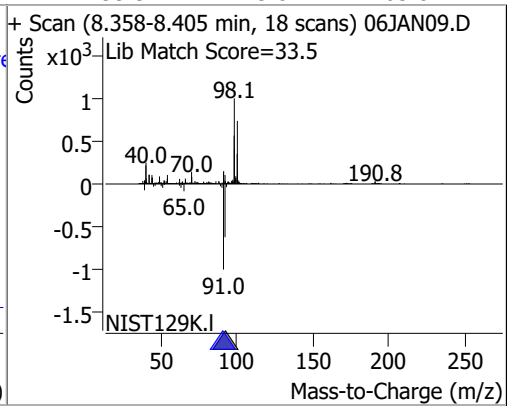




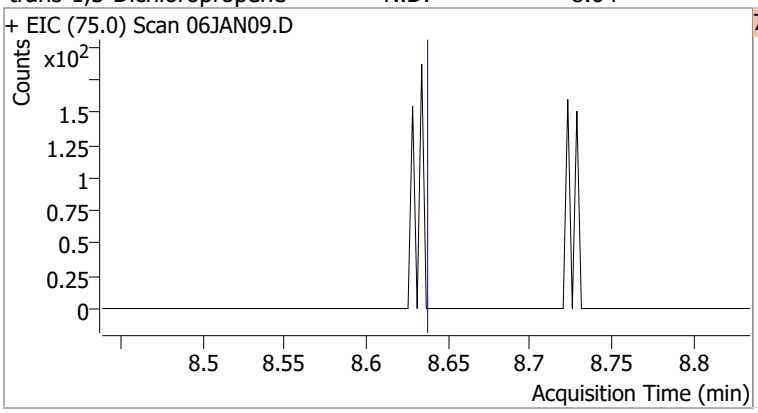
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.6919	8.39	0.00	1299 (m)	91.0	199.9	145.8	205.8

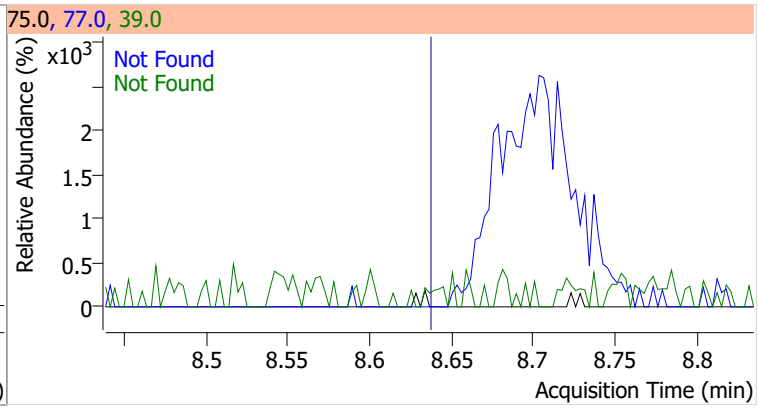




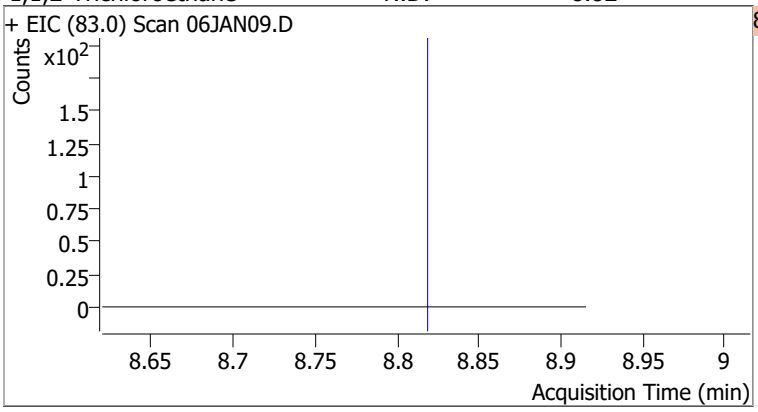


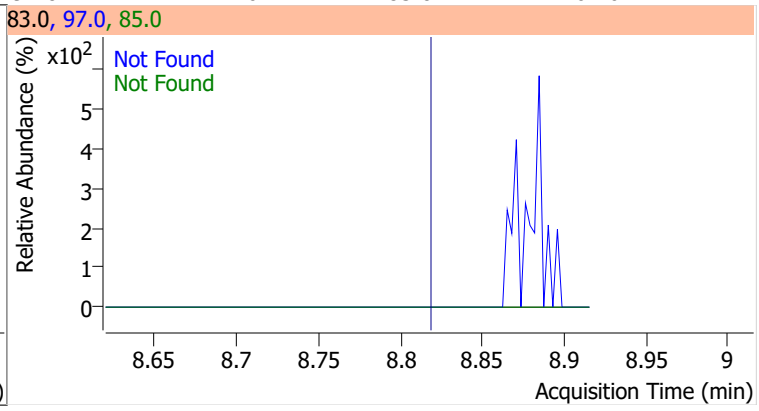
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



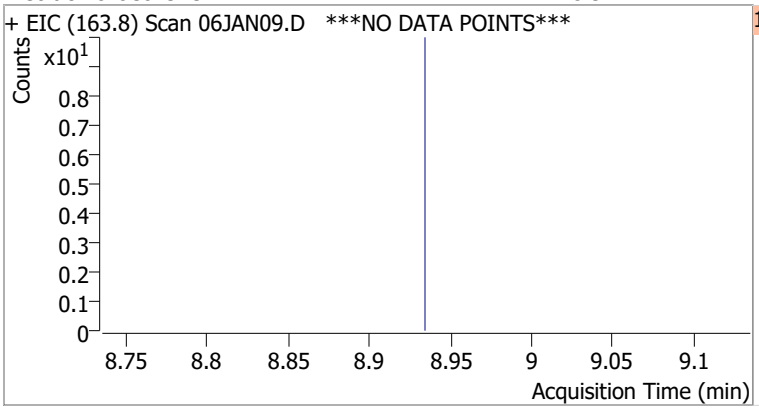


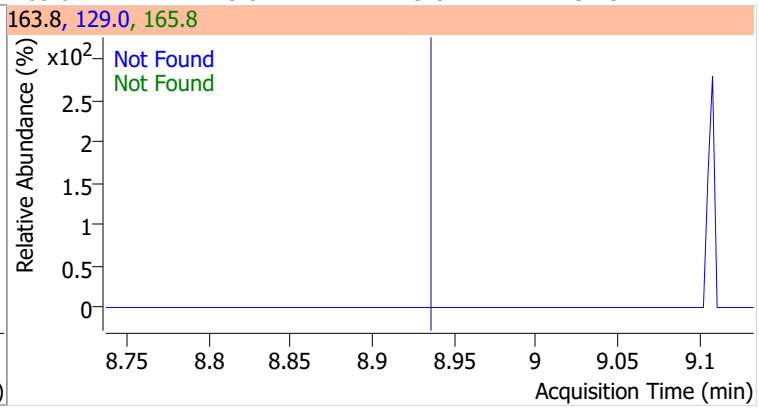
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



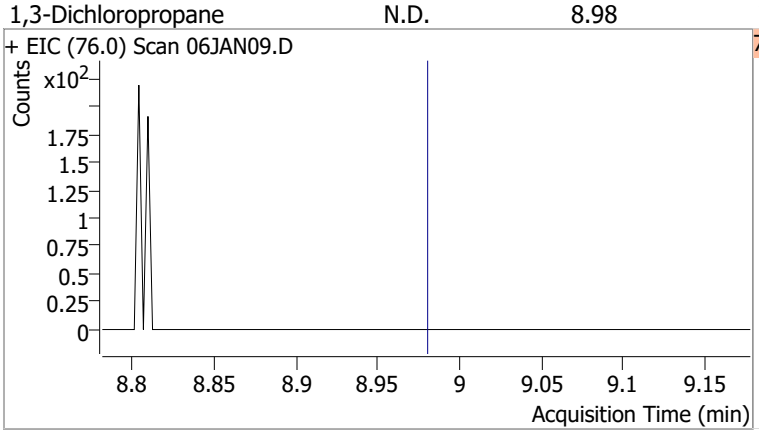


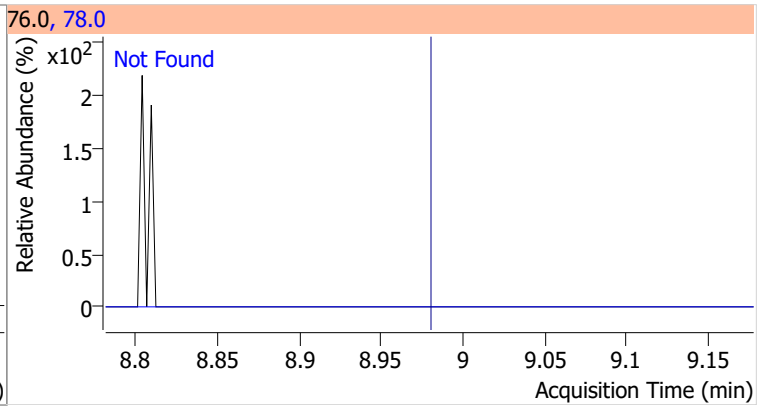
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



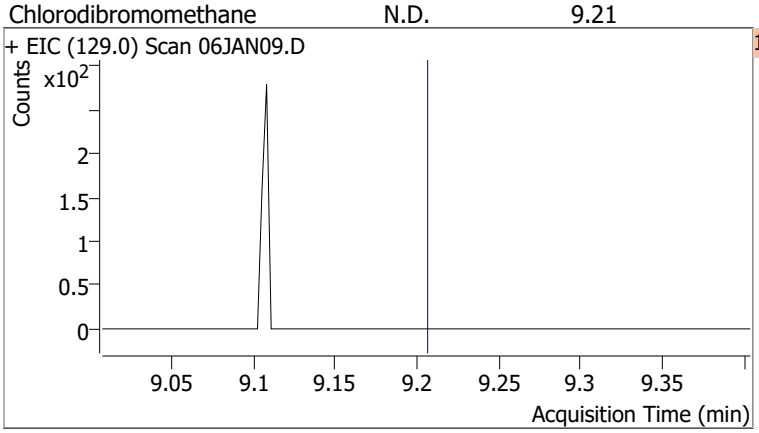


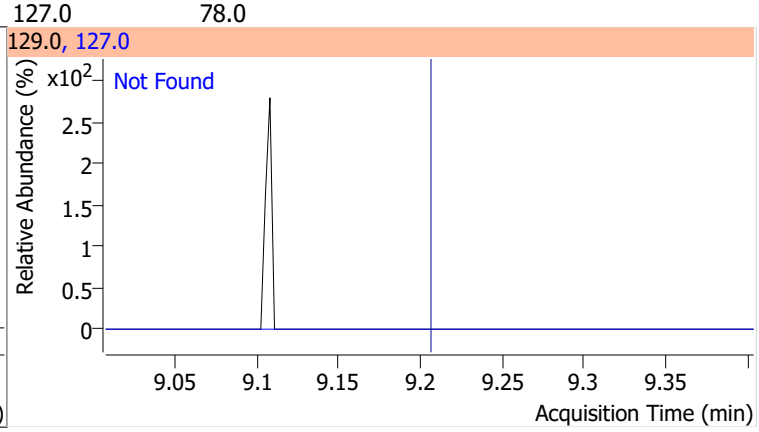
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



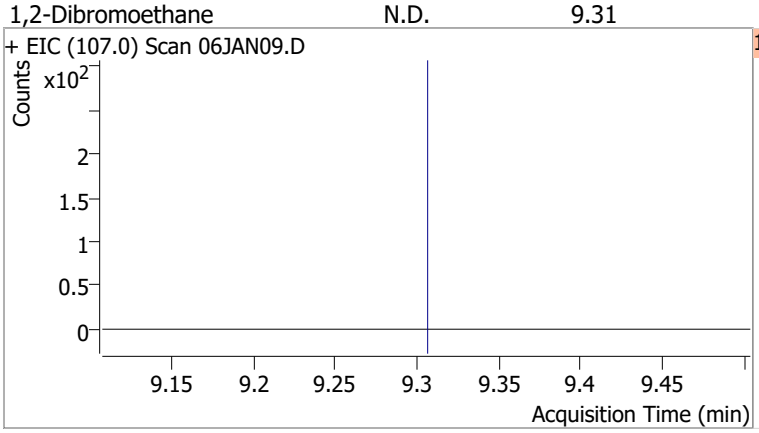


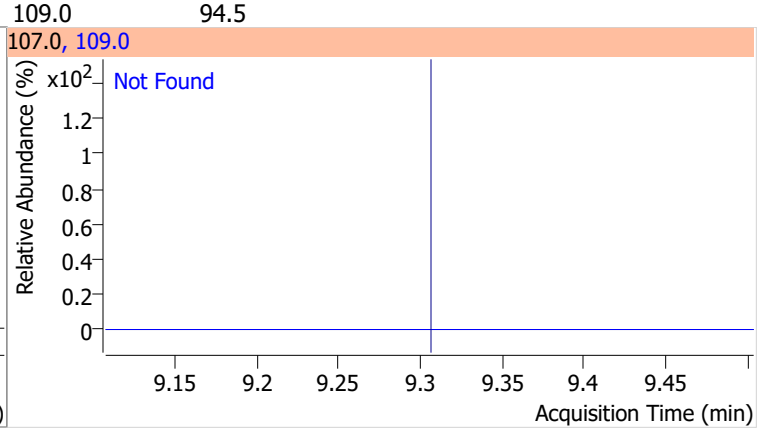
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



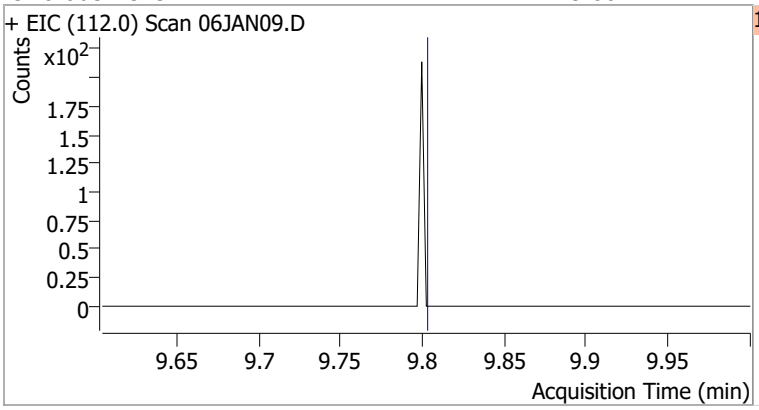


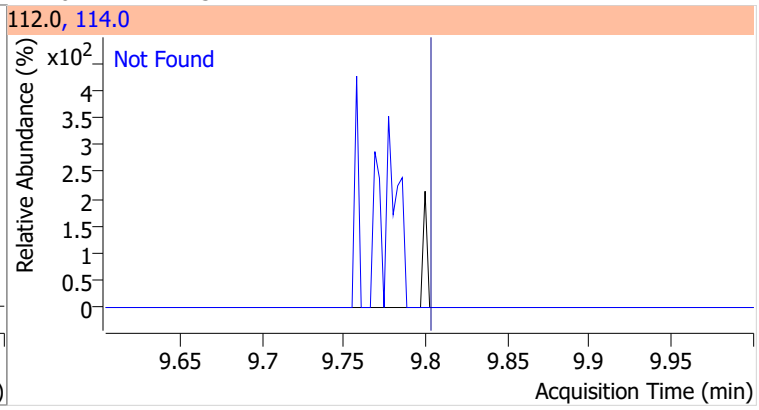
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



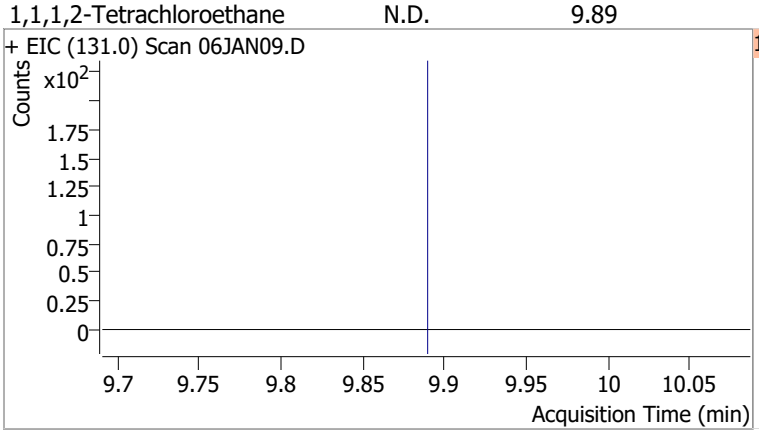


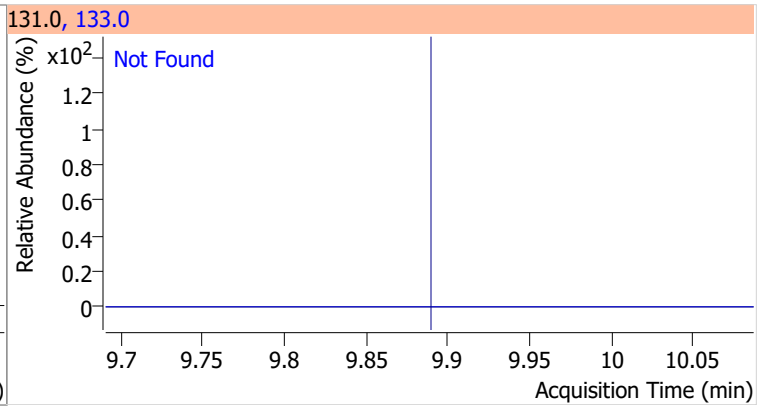
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



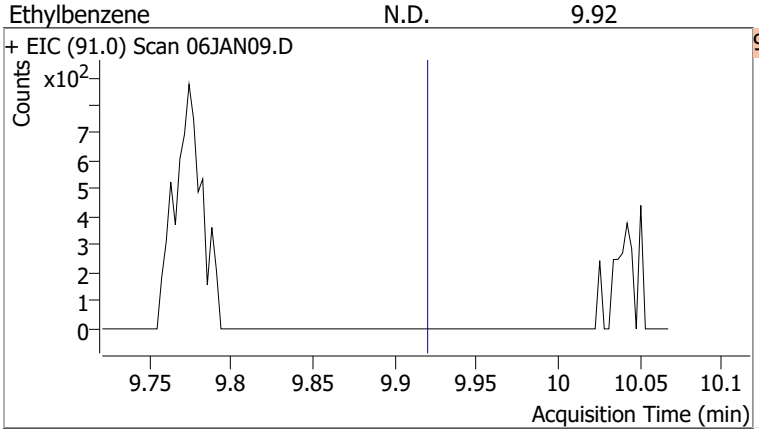


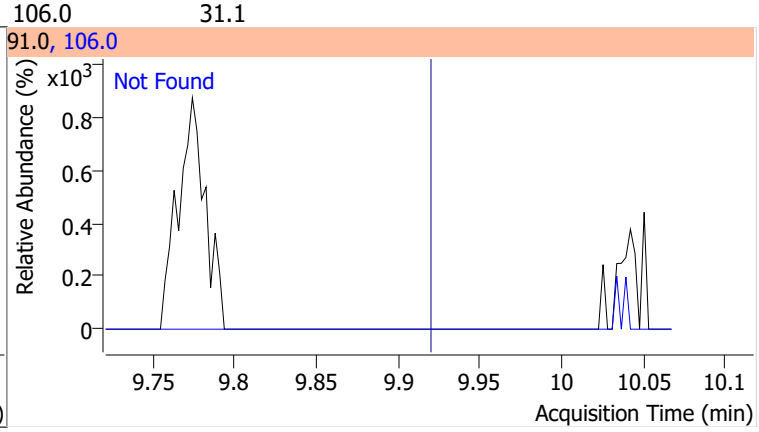
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



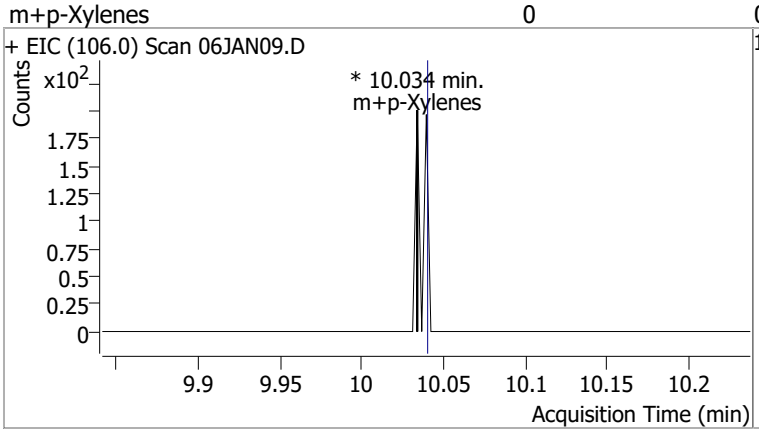


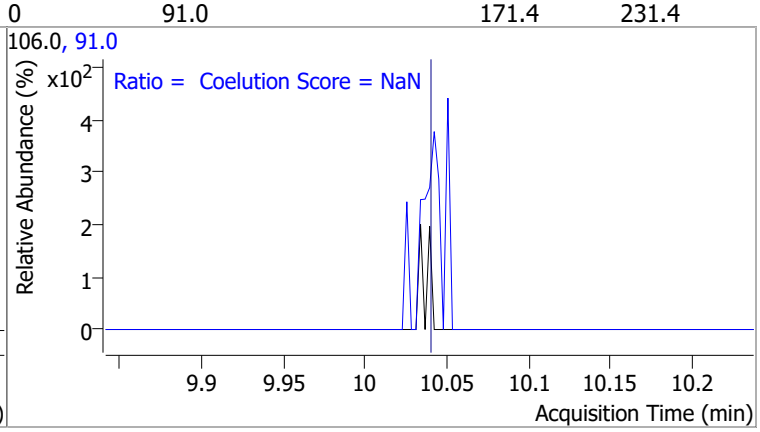
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



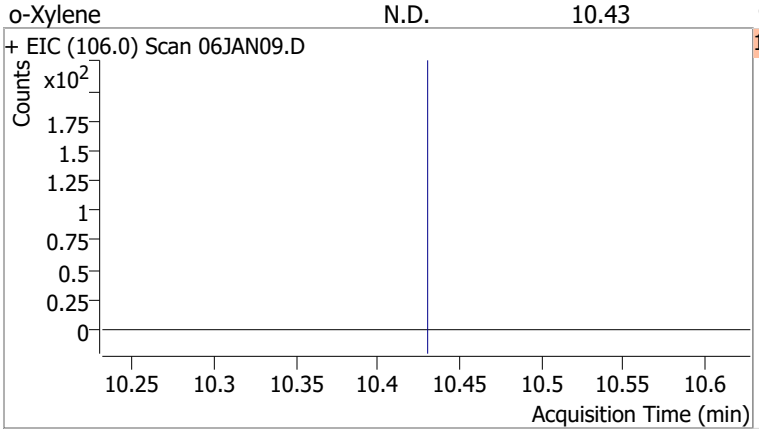


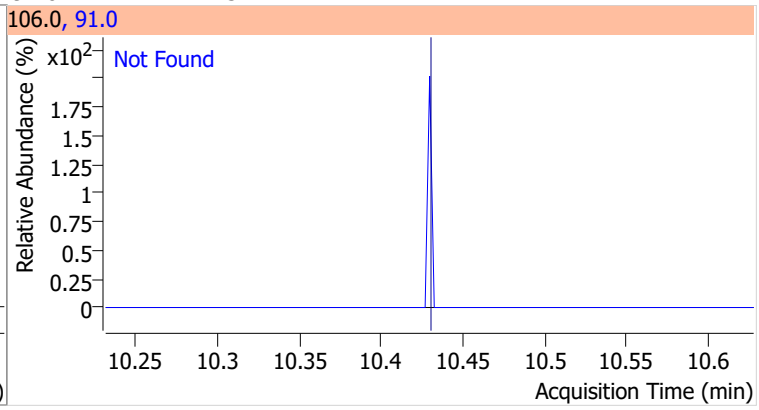
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		171.4	231.4



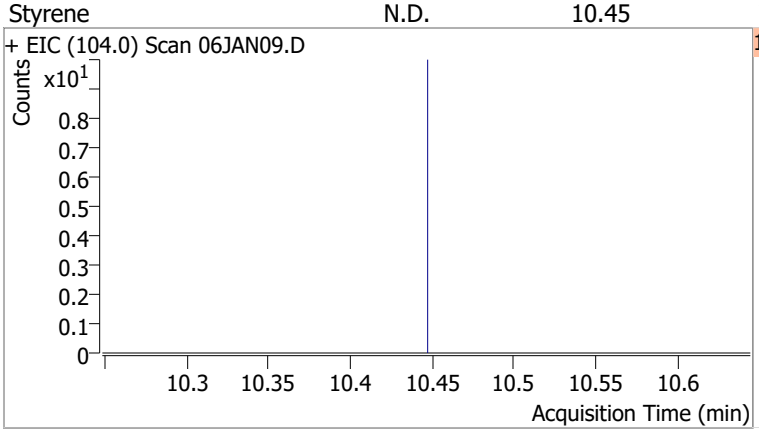


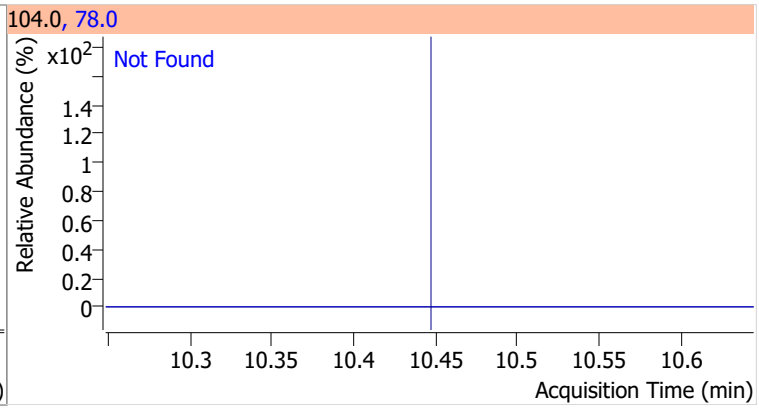
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



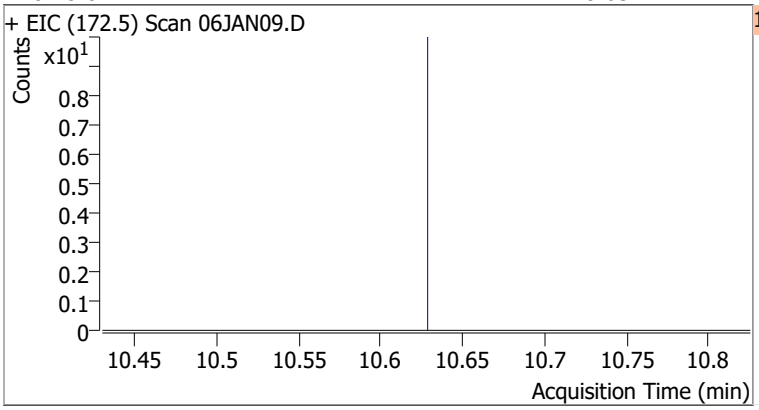


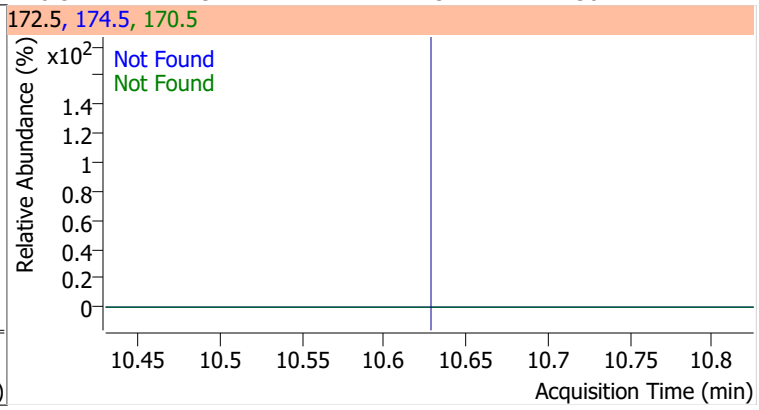
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



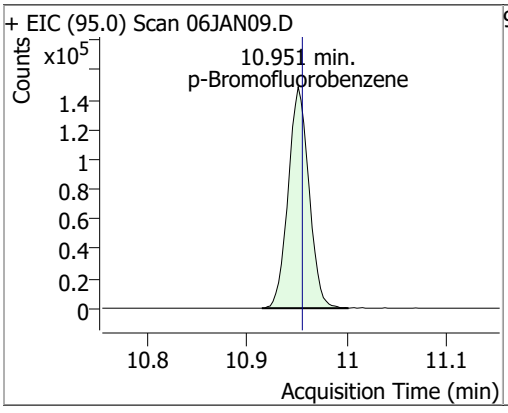


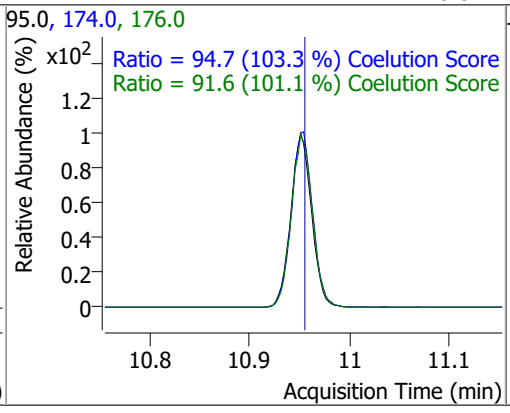
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

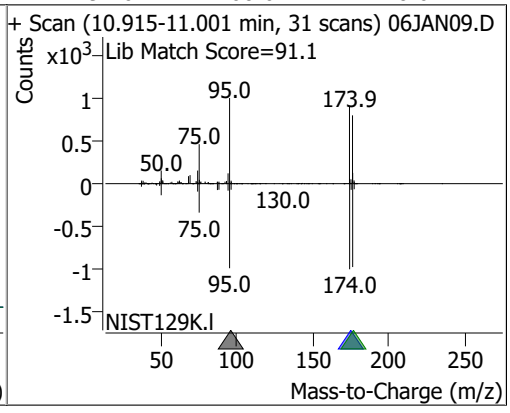




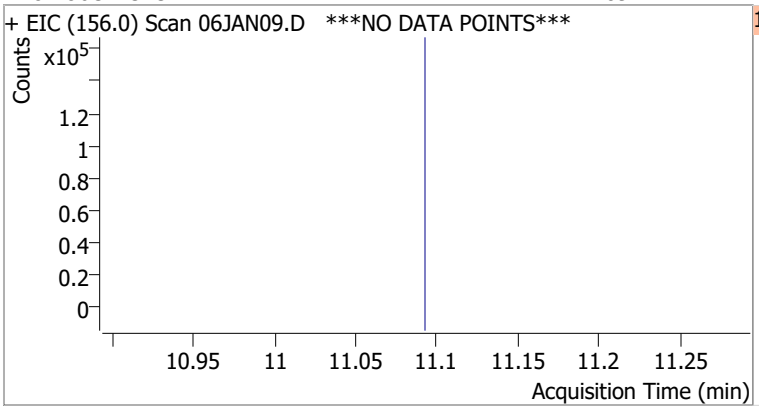
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	270.9805	10.95	0.00	213473	174.0	94.7	61.7	121.7
					176.0	91.6	60.6	120.6

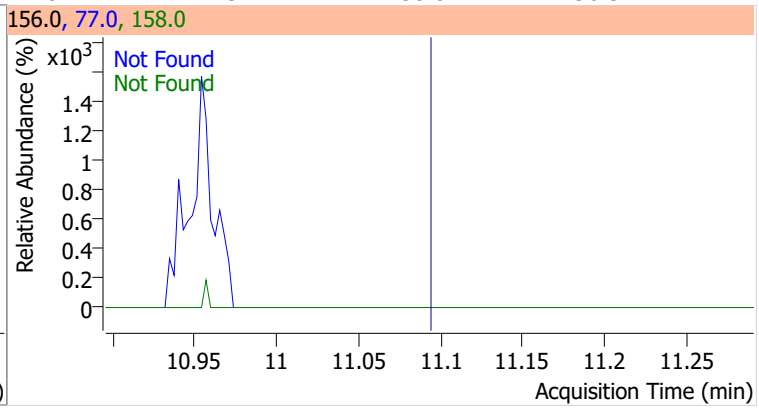




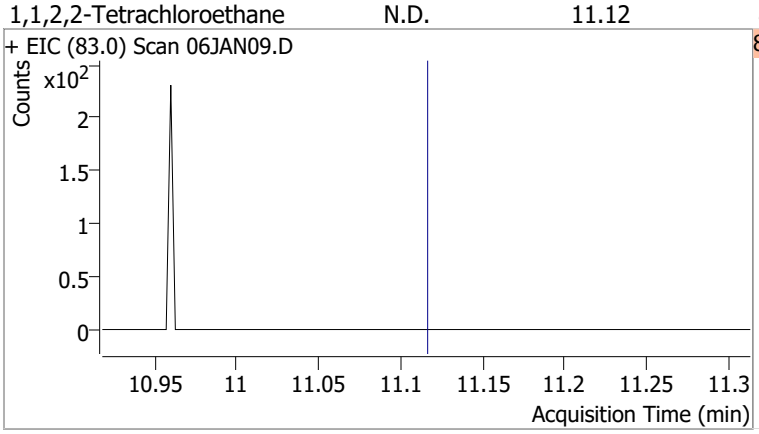


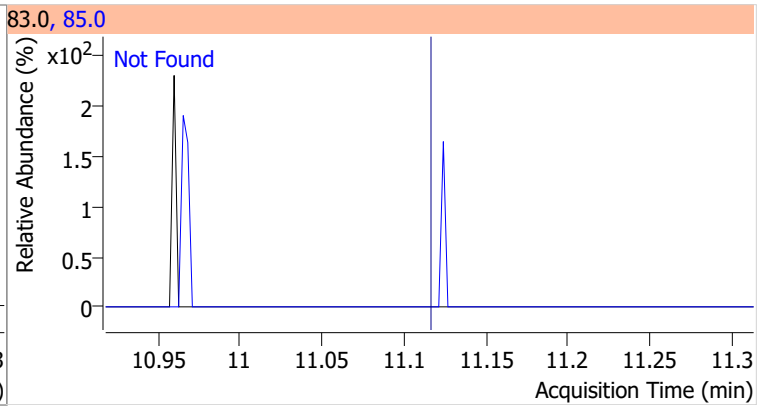
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



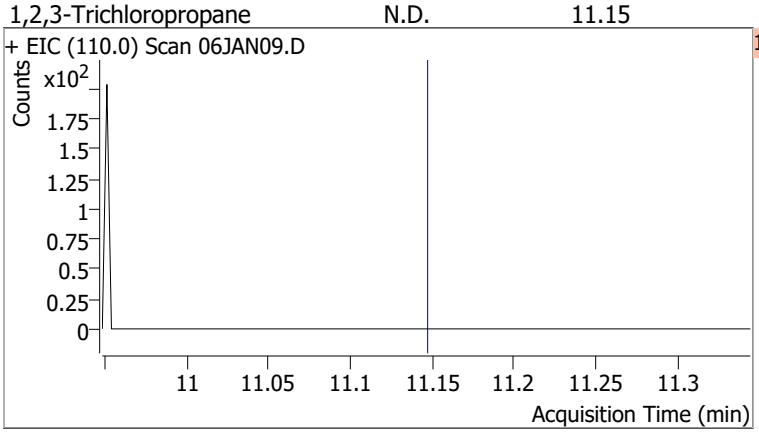


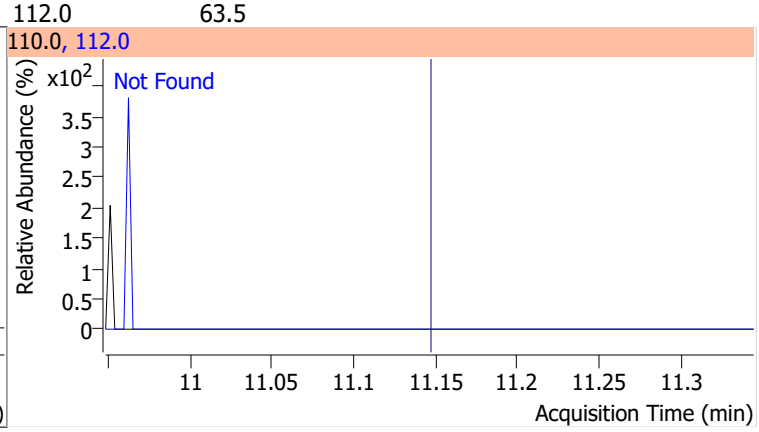
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



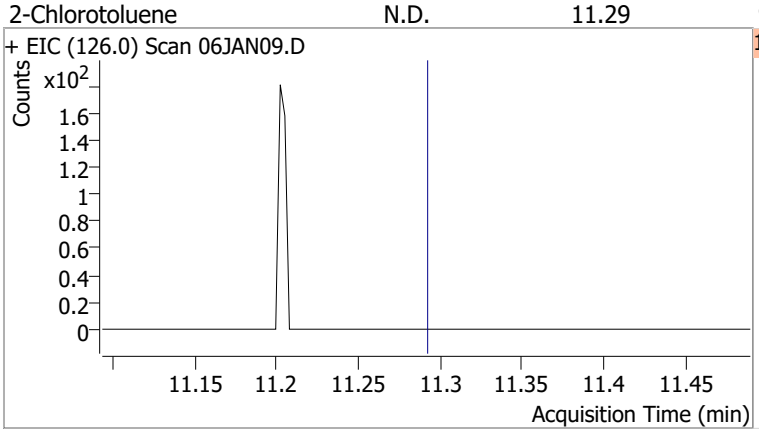


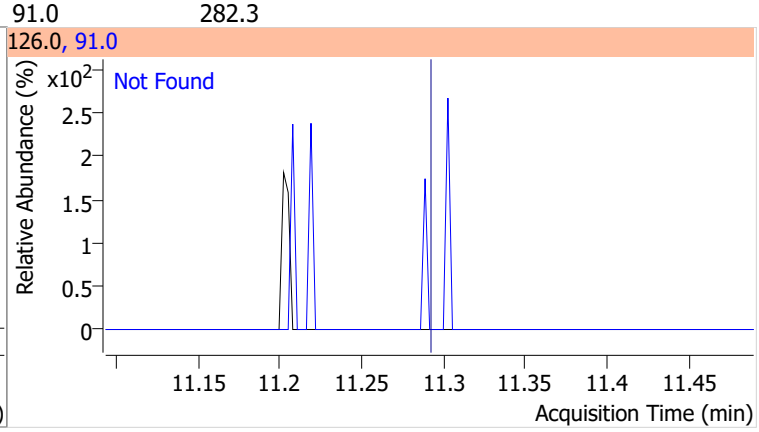
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



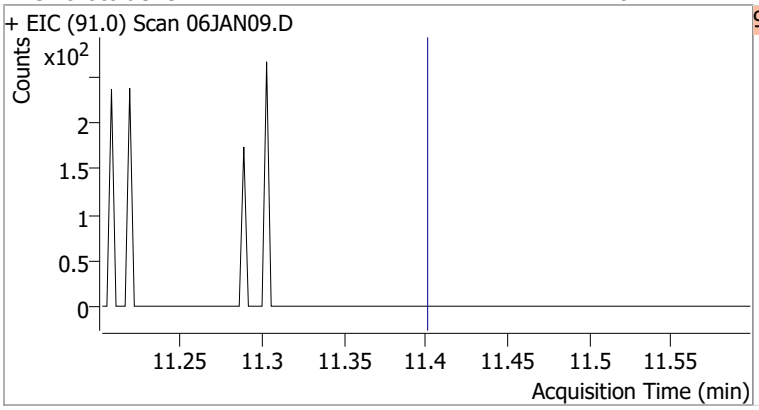


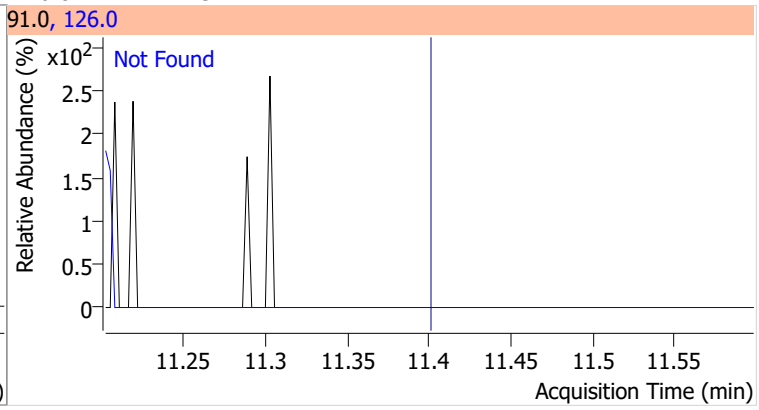
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



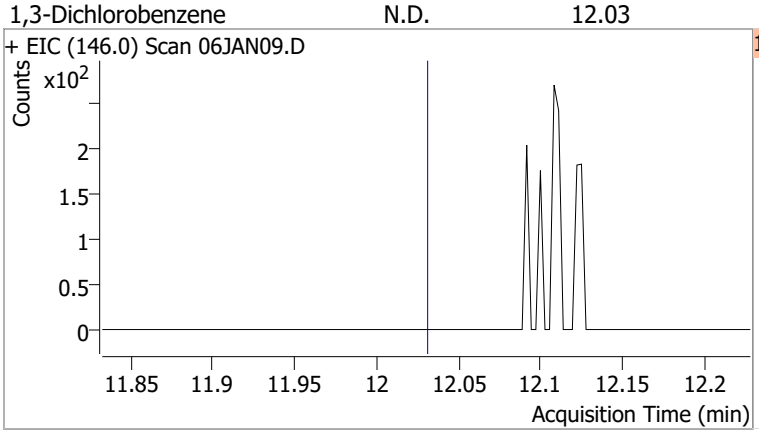


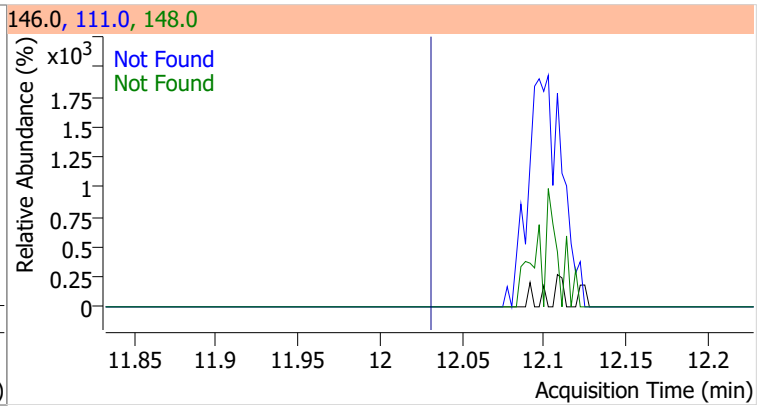
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



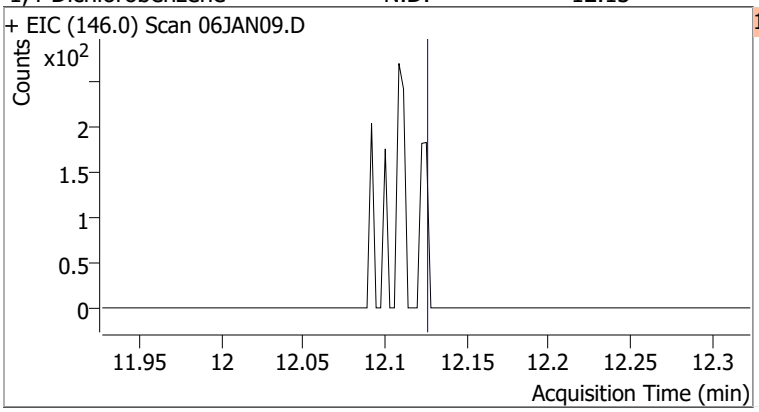


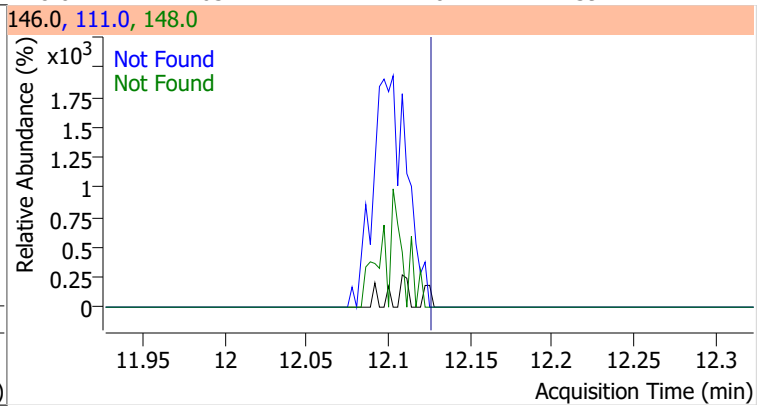
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



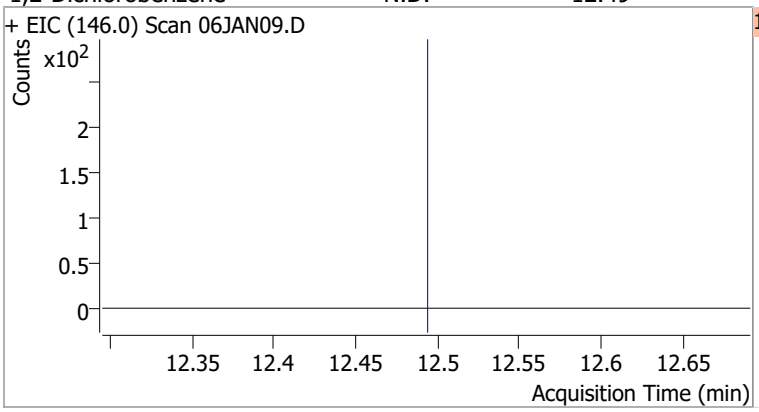


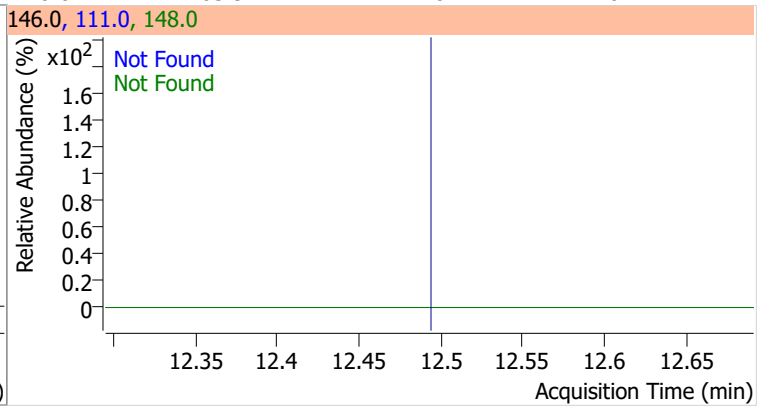
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





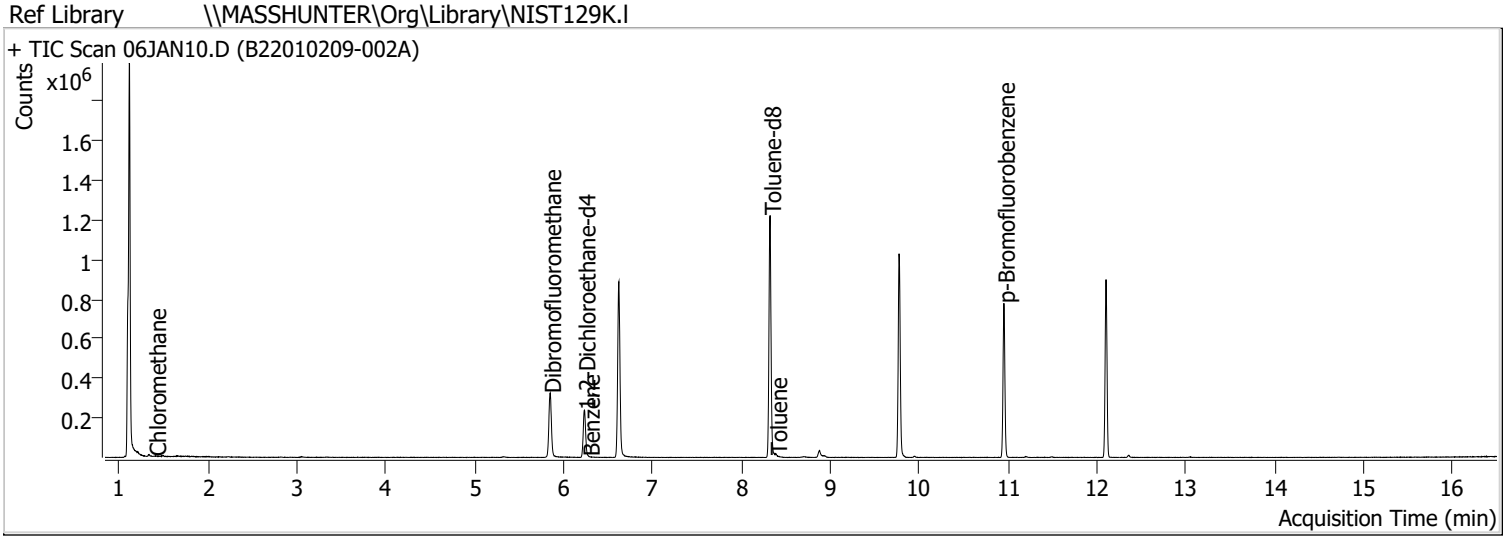
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN10.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 2:00:33 PM
Sample Name	B22010209-002A	Instrument	VOA5975C
Vial	10	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

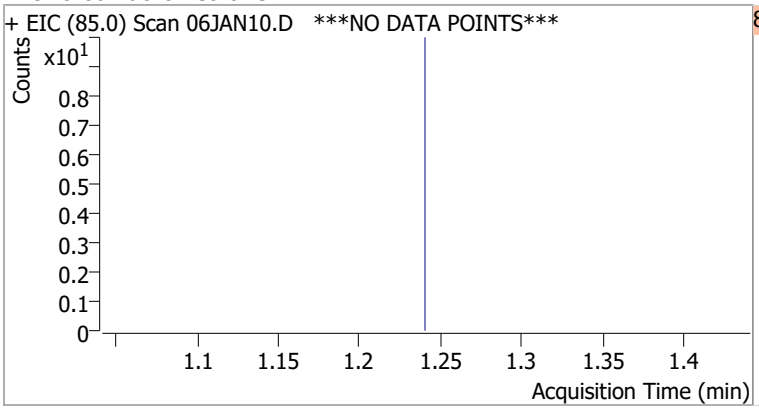


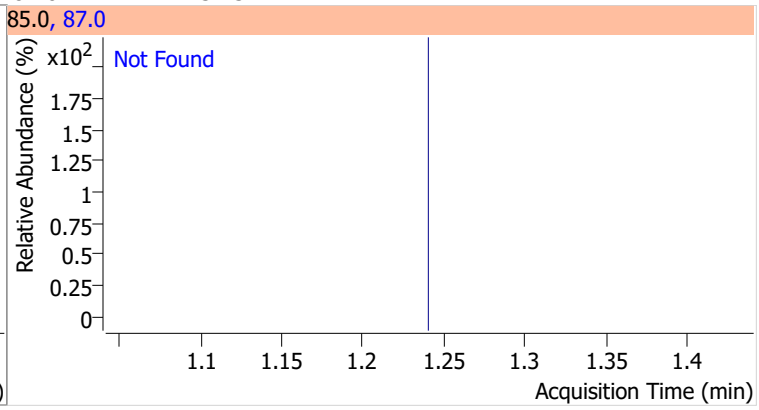
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	742553	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	286973	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	216383	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	191378	273.5690	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.43%			
S 1,2-Dichloroethane-d4	6.233	67.0	85512	283.0028	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 113.20%			
S Toluene-d8	8.322	98.0	746023	269.7686	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.91%			
S p-Bromofluorobenzene	10.951	95.0	216178	272.7035	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 109.08%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.406	50.0	1834	1.5525	ng	m	85
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	0.000		0	N.D.			
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	0.000		0	N.D.			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.280	78.0	316	0.1069	ng	m	87
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.391	92.0	2846	1.5236	ng	m	100
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

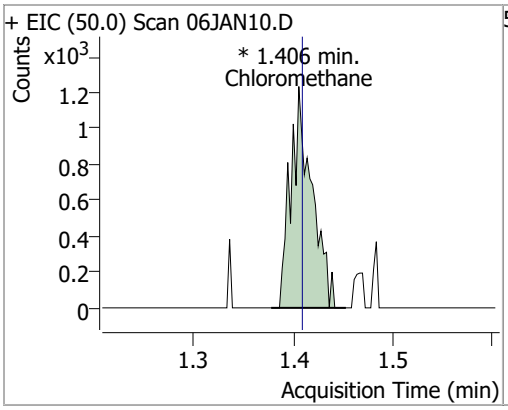
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

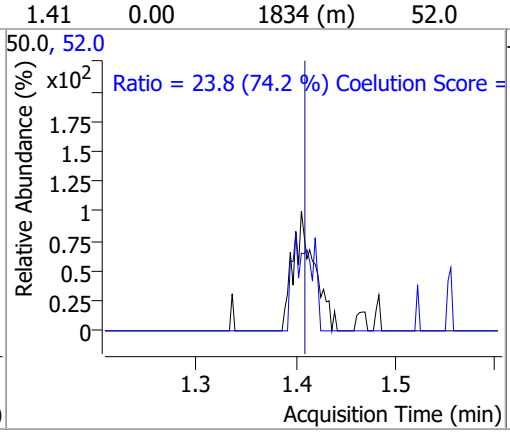
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

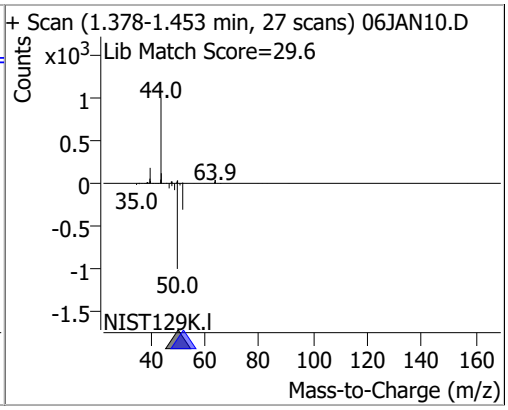




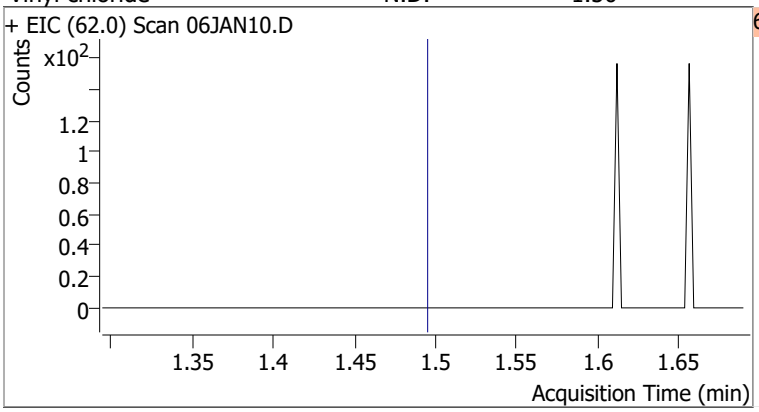
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.5525	1.41	0.00	1834 (m)	52.0	23.8	2.1	62.1

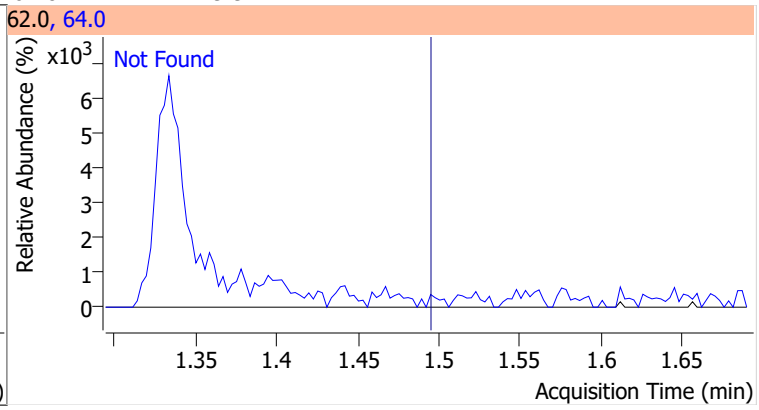




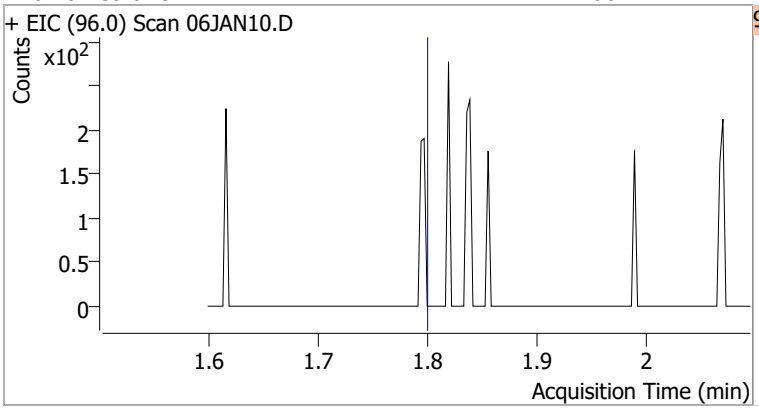


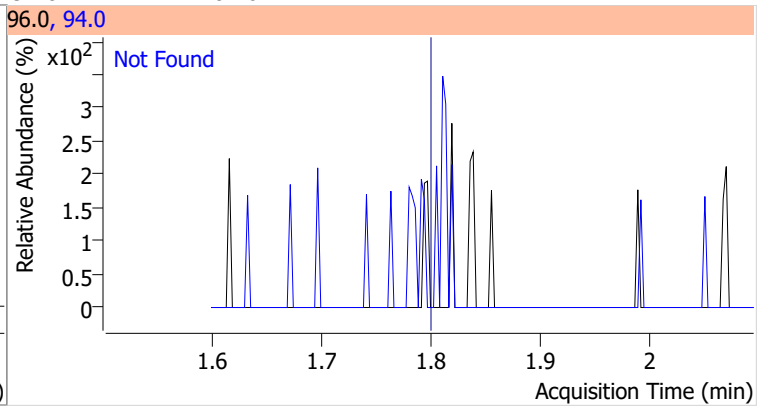
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



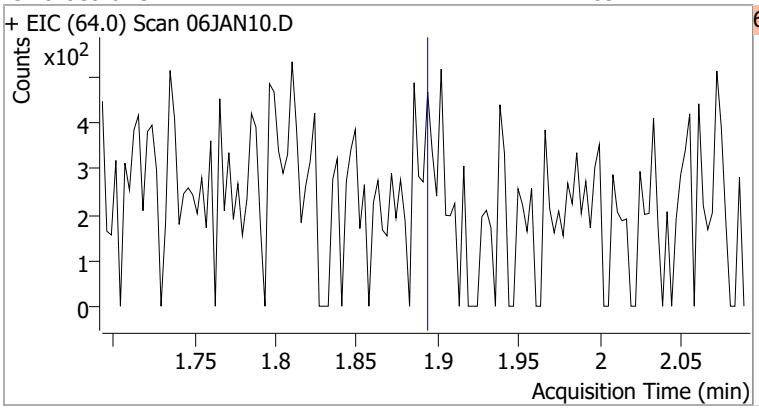


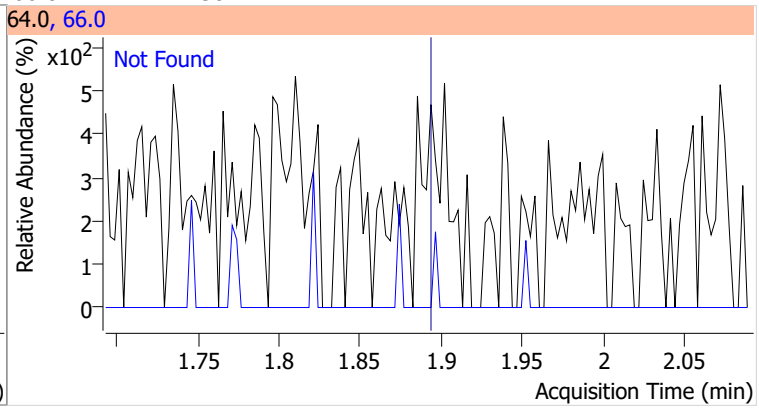
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



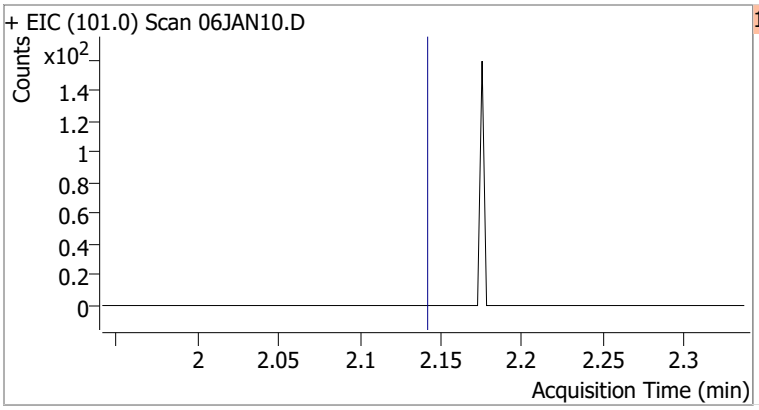


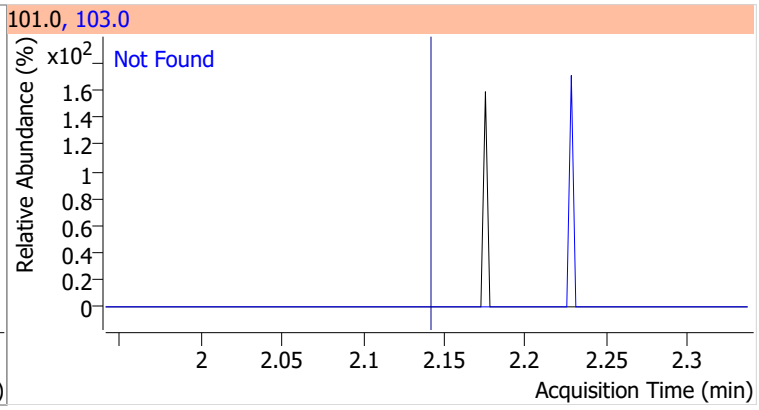
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



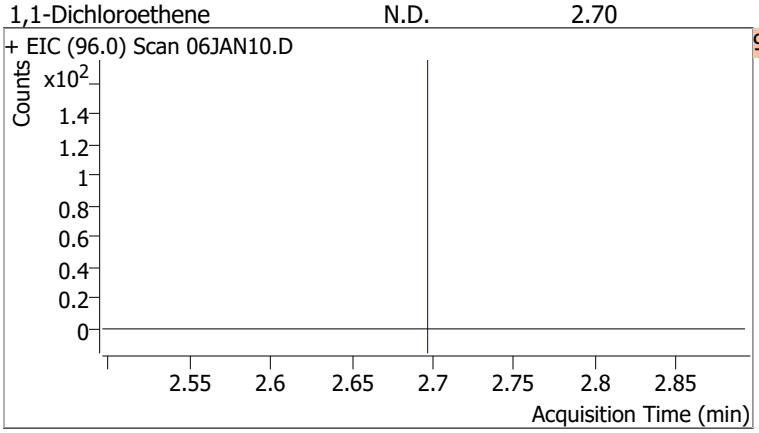


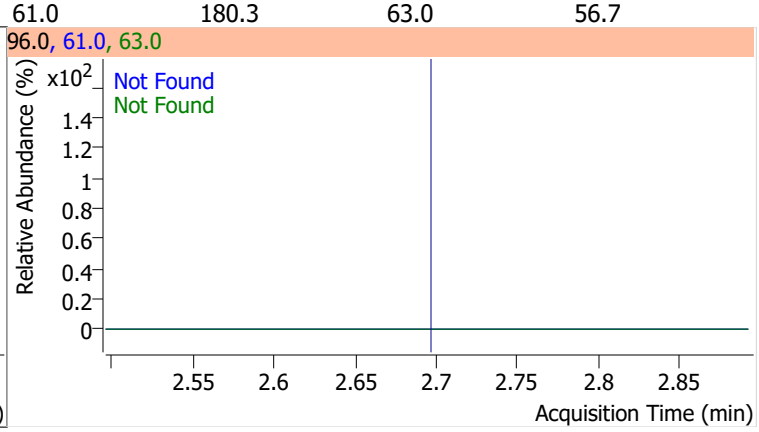
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



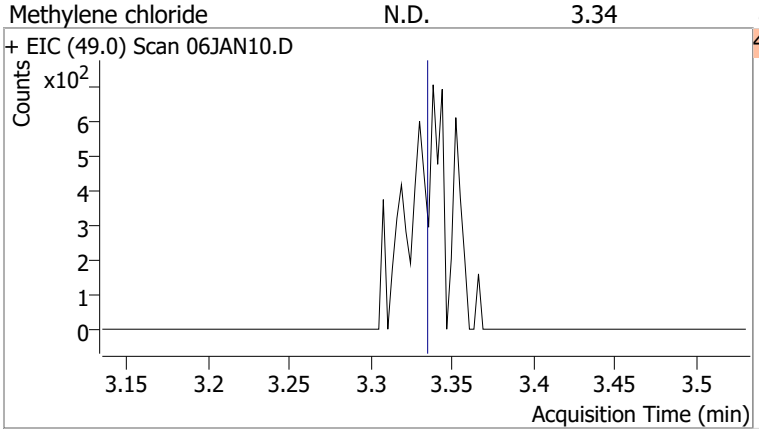


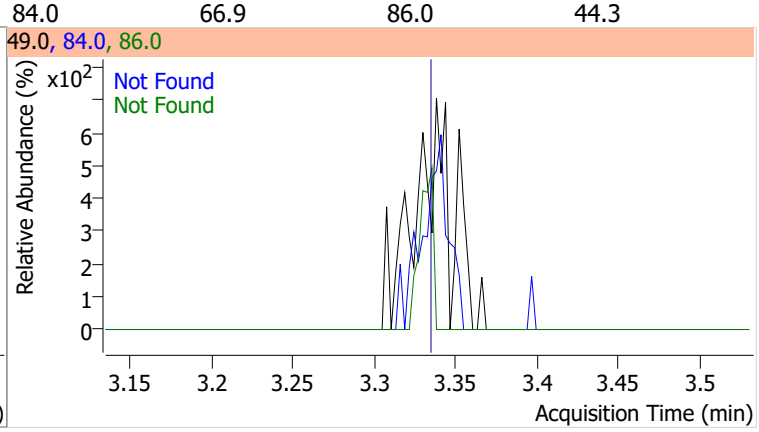
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7



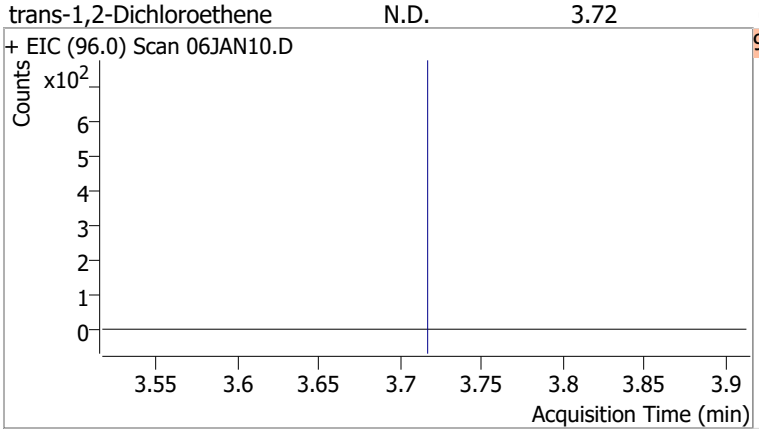


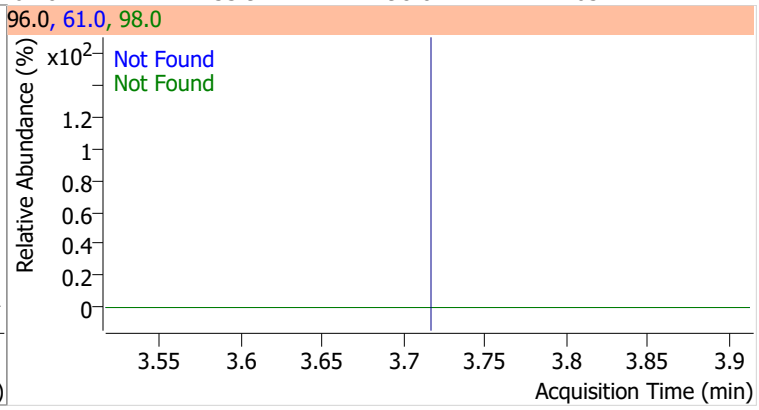
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Methylene chloride	N.D.	3.34	84.0	66.9	86.0	44.3



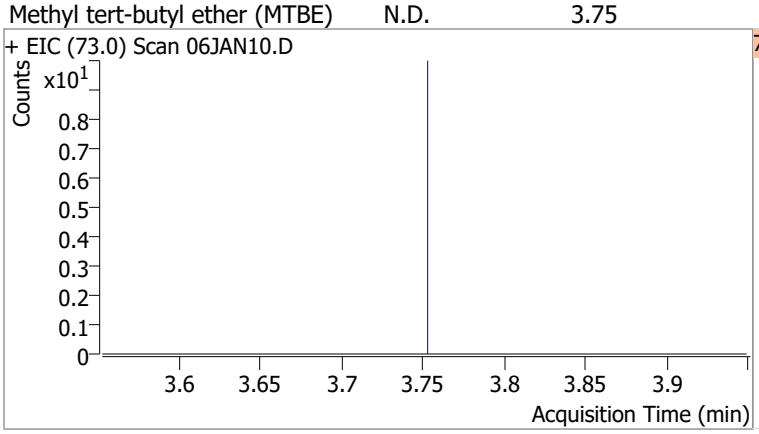


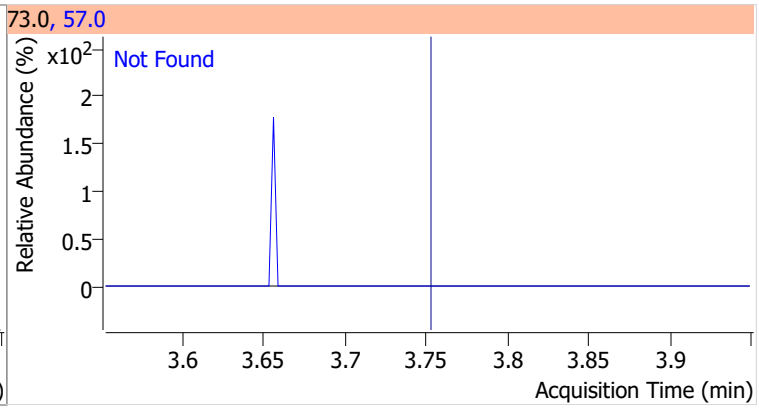
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



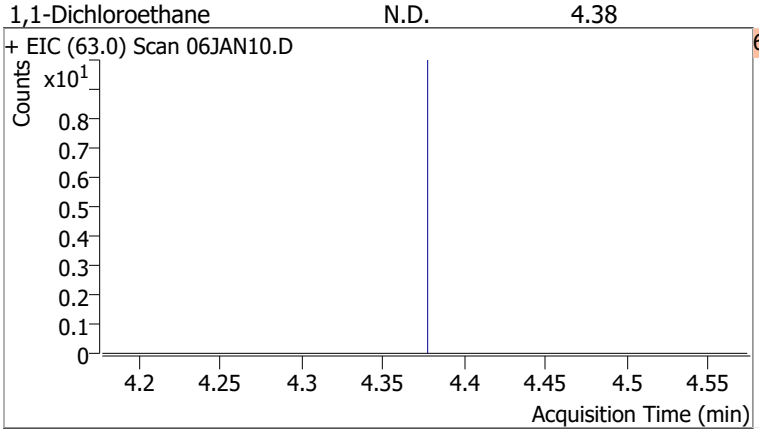


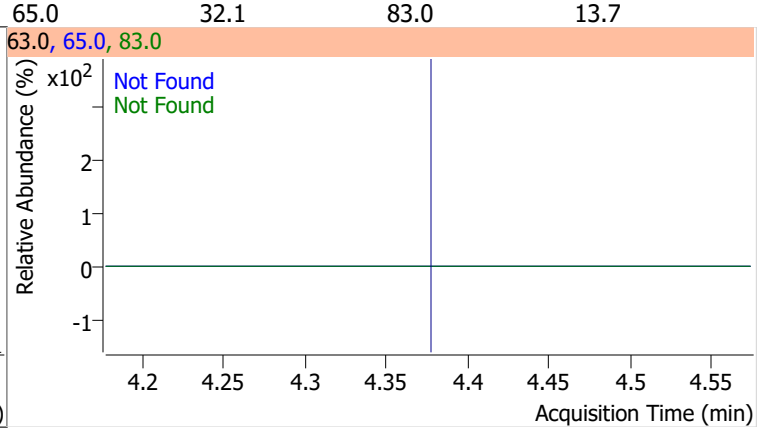
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



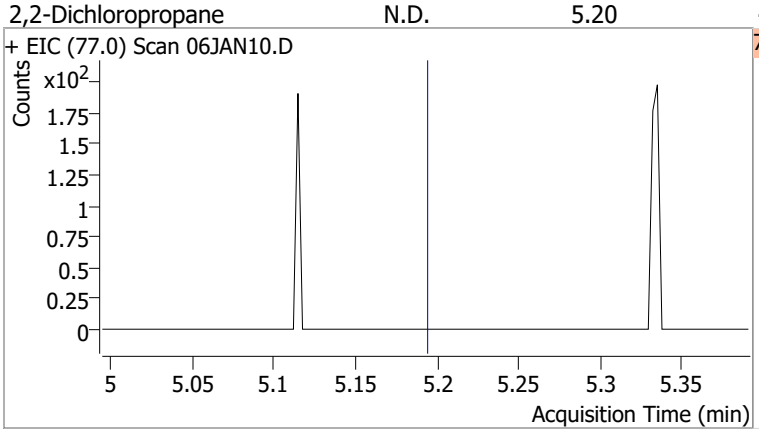


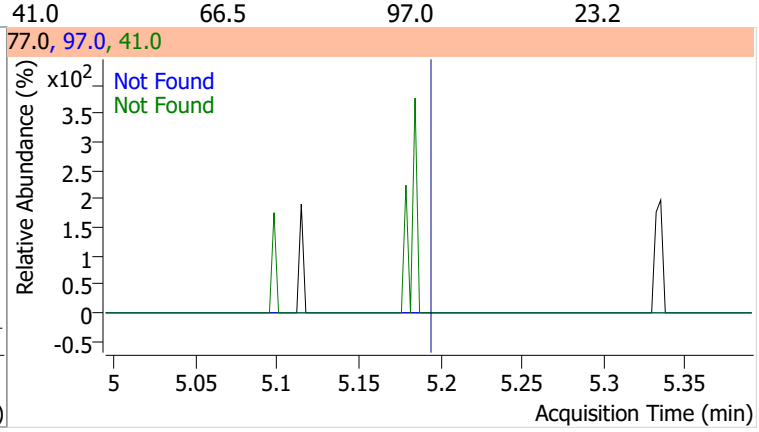
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



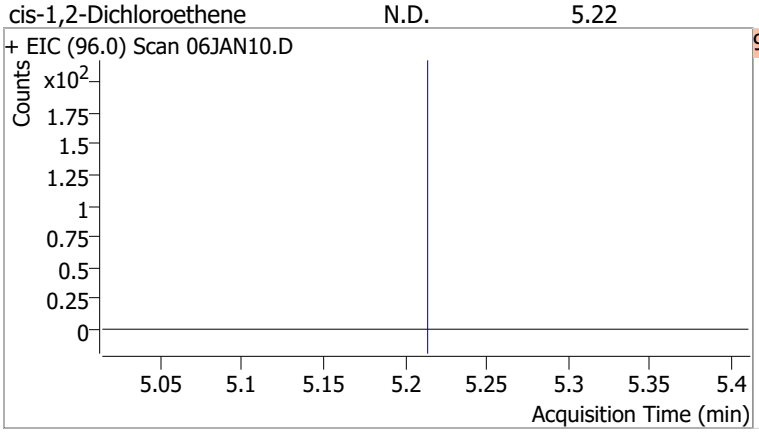


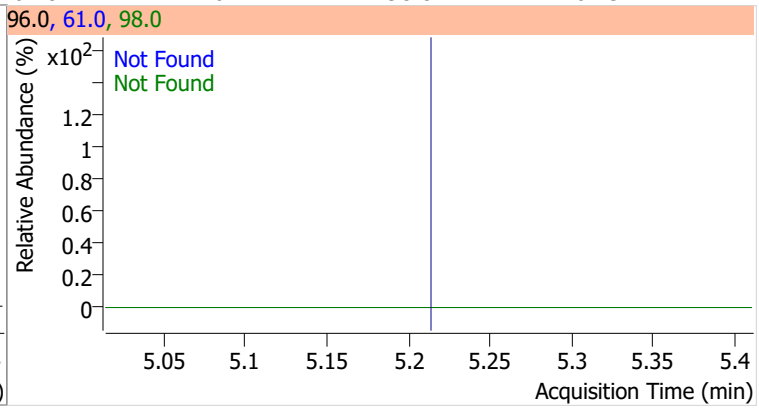
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



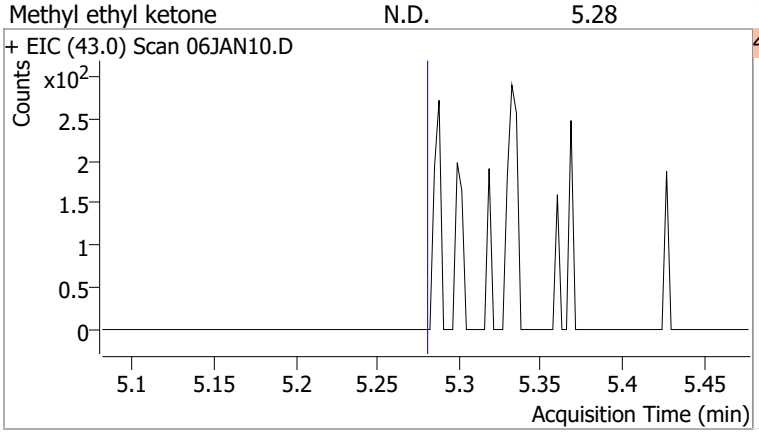


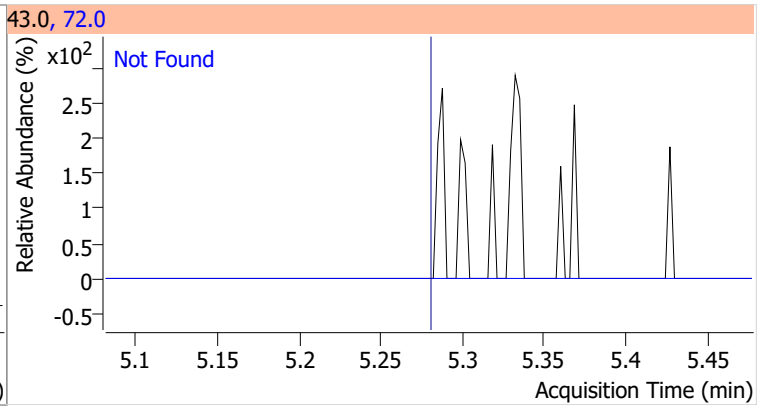
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



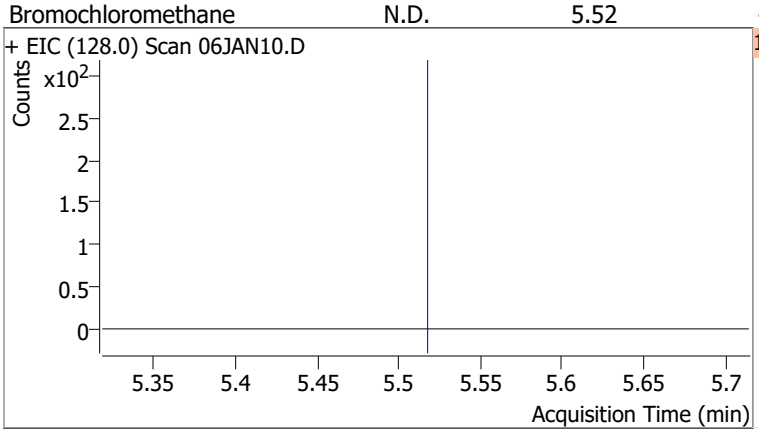


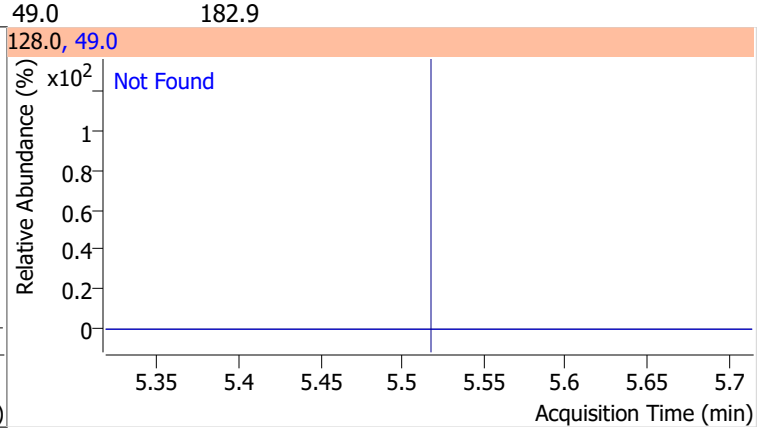
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



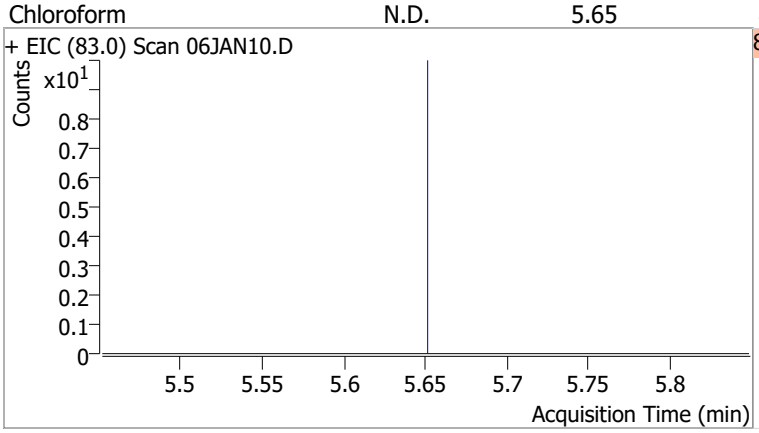


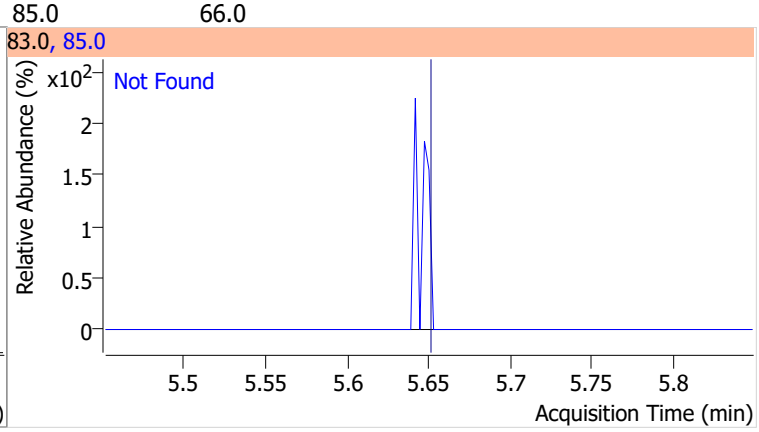
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



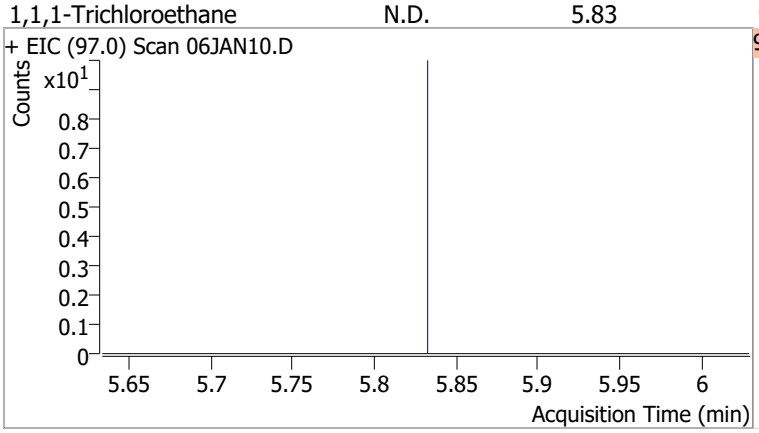


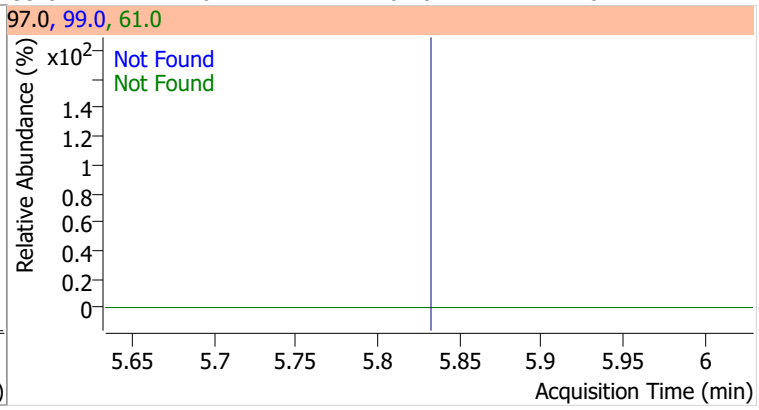
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.0



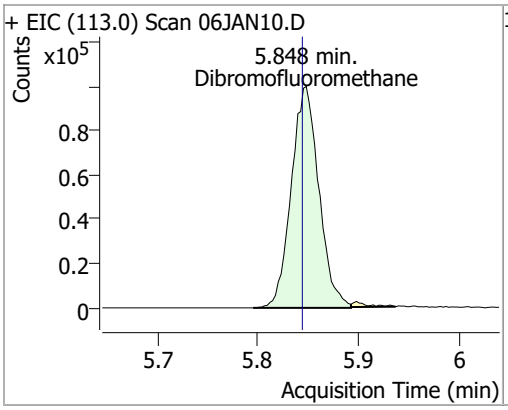


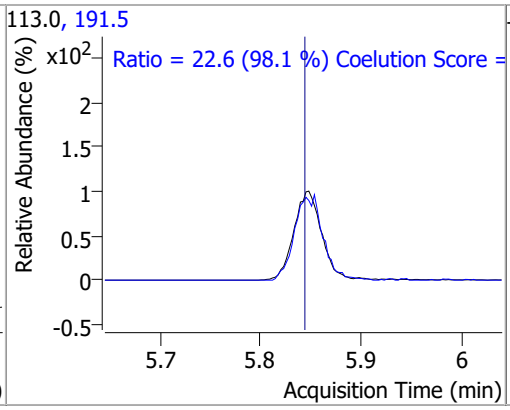
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

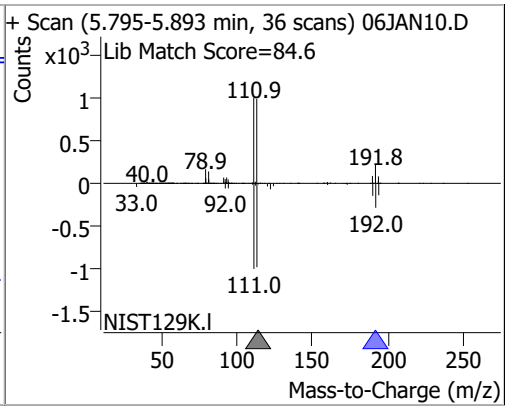




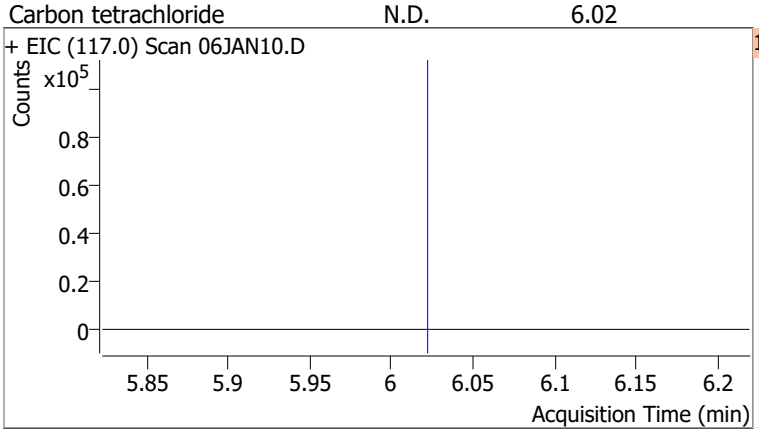
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	273.5690	5.85	0.00	191378	191.5	22.6	0.0	53.1

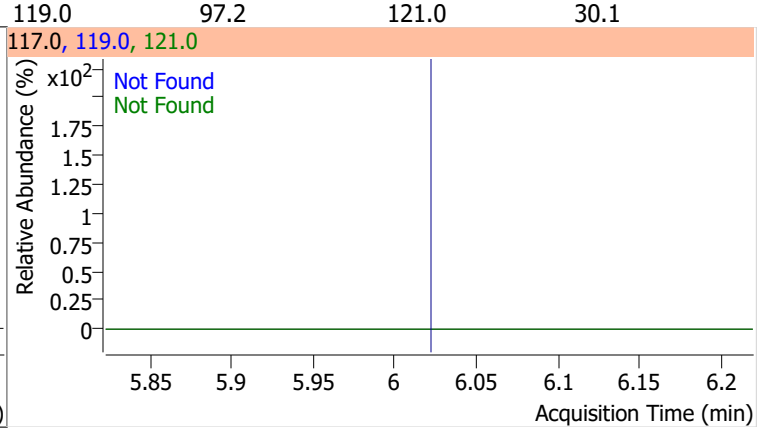




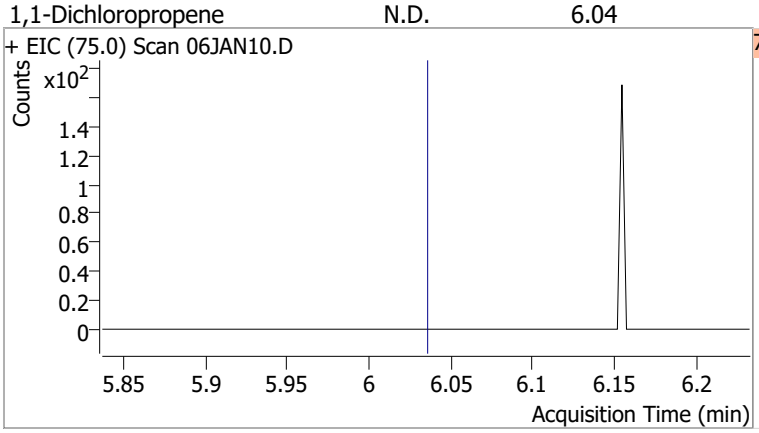


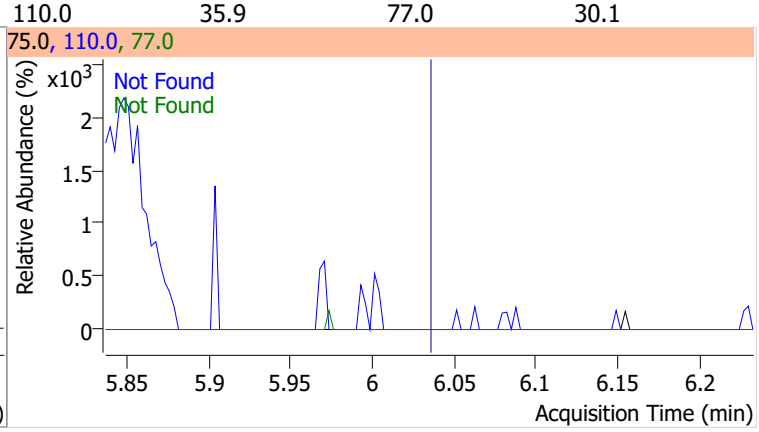
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



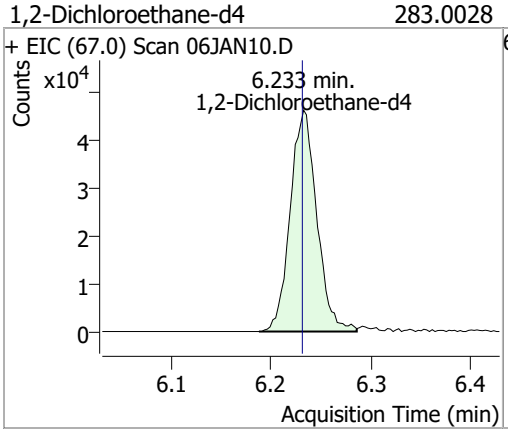


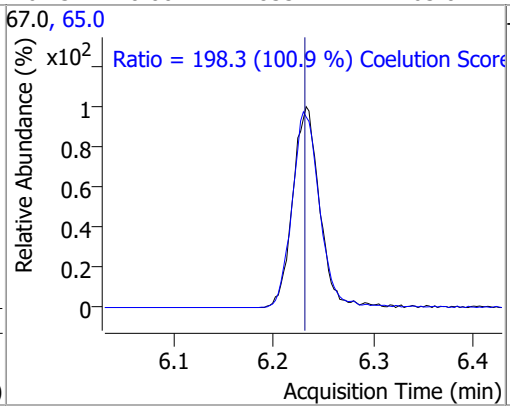
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

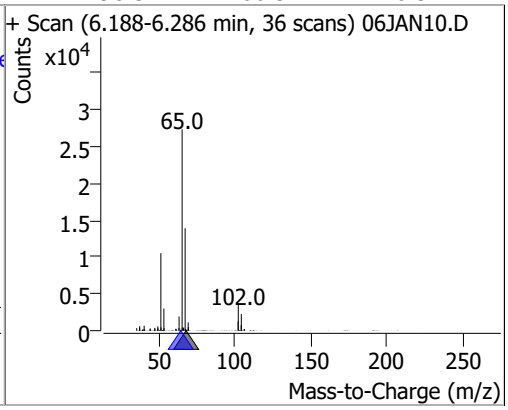




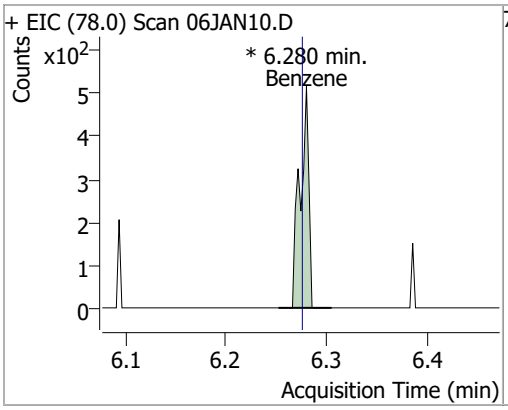
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	283.0028	6.23	0.00	85512	65.0	198.3	166.5	226.5

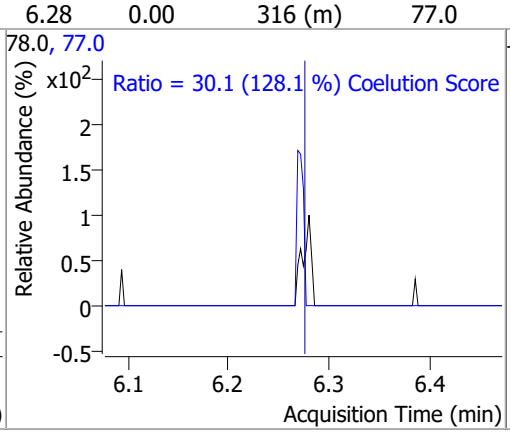


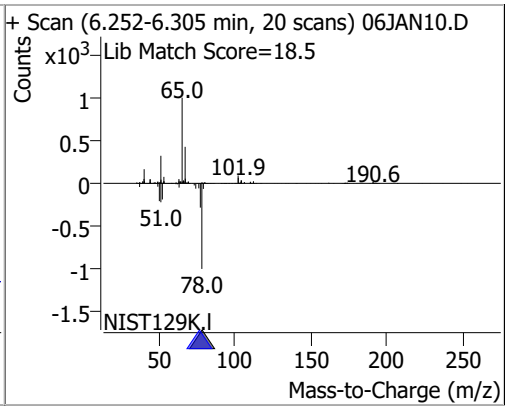




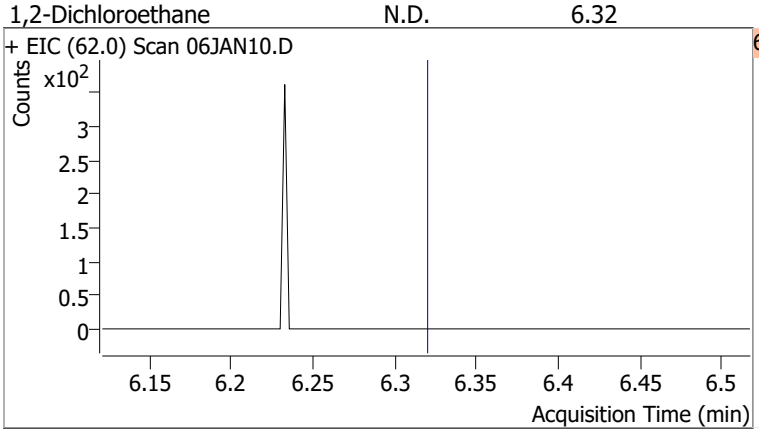
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1069	6.28	0.00	316 (m)	77.0	30.1	0.0	53.5

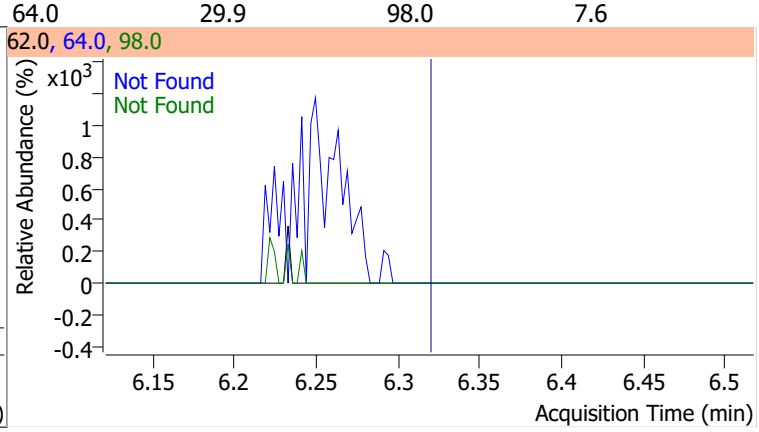




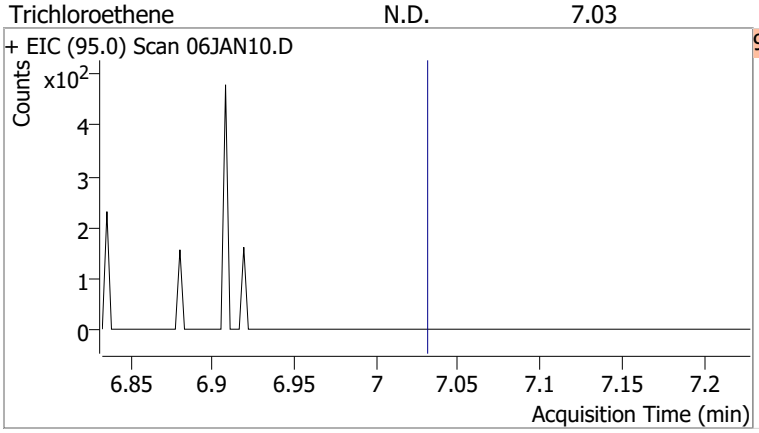


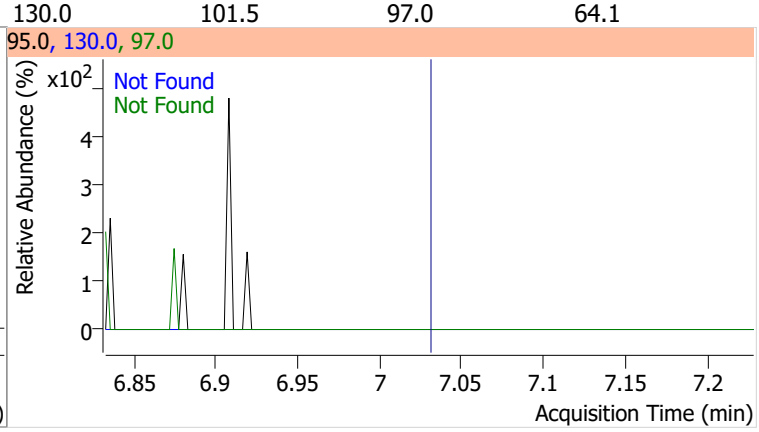
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



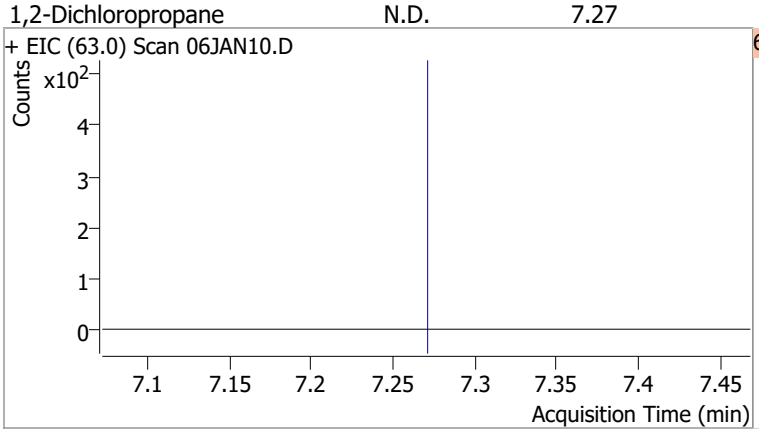


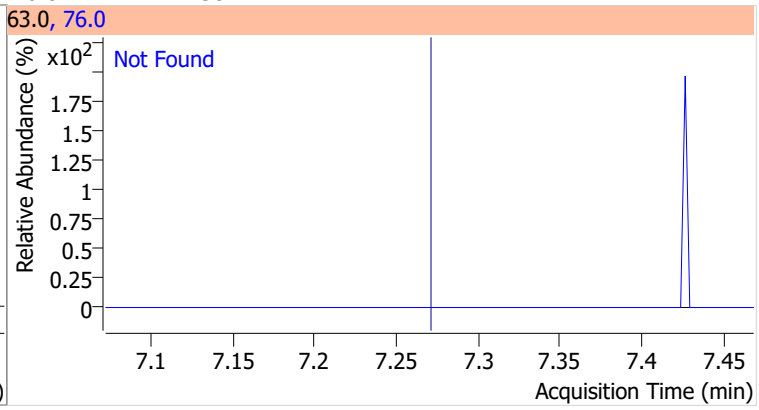
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



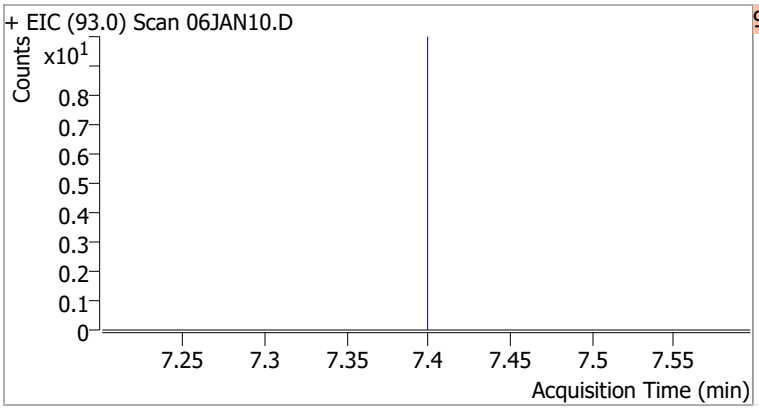


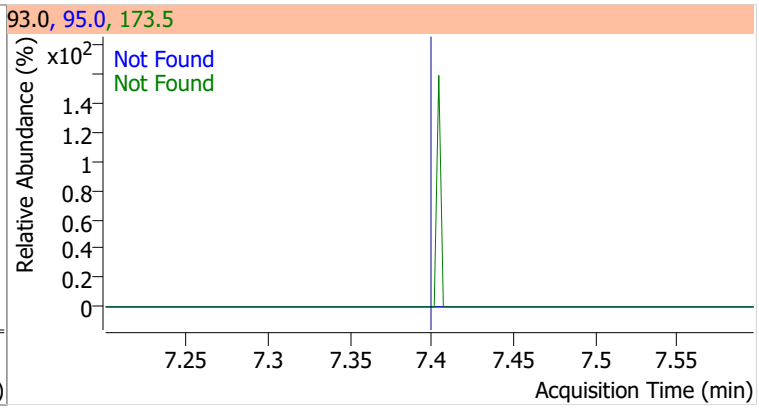
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



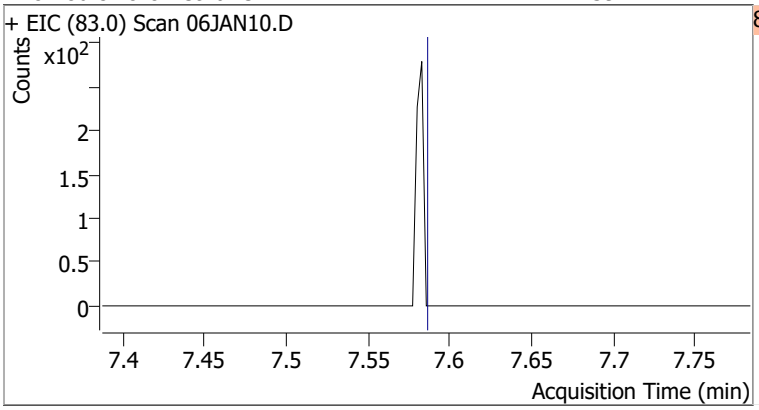


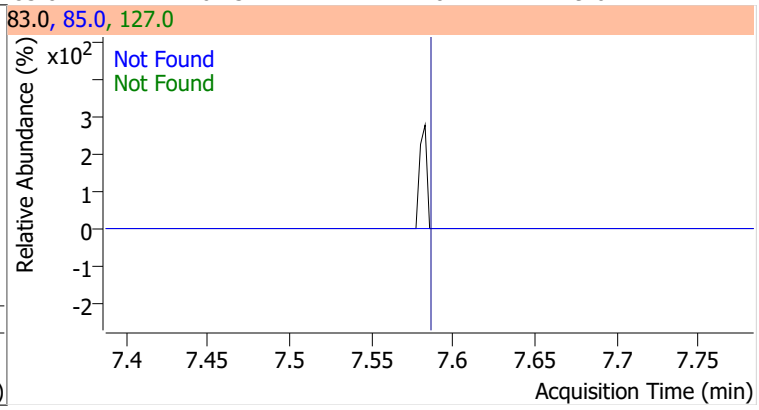
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



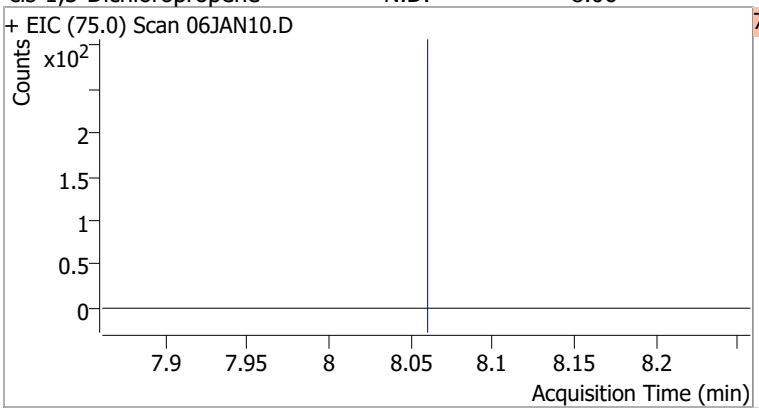


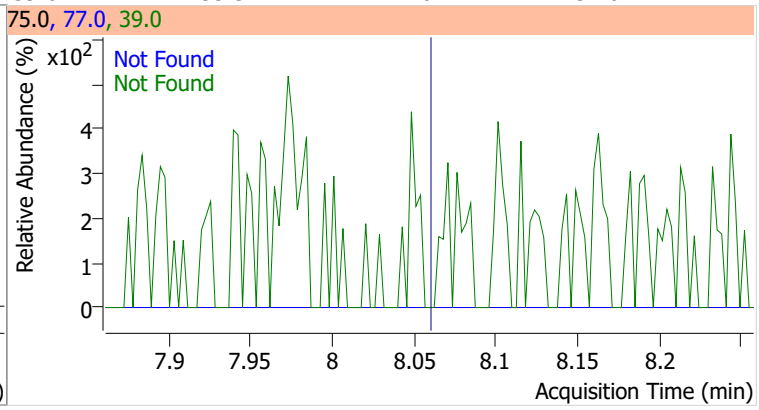
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



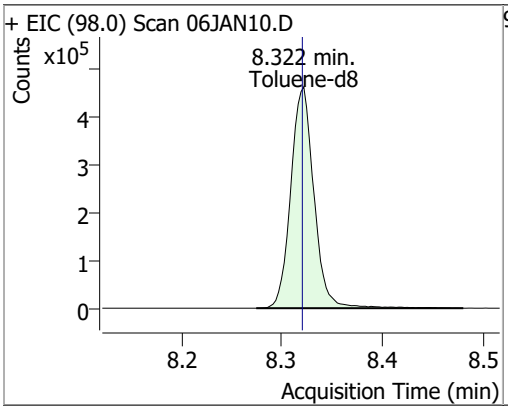


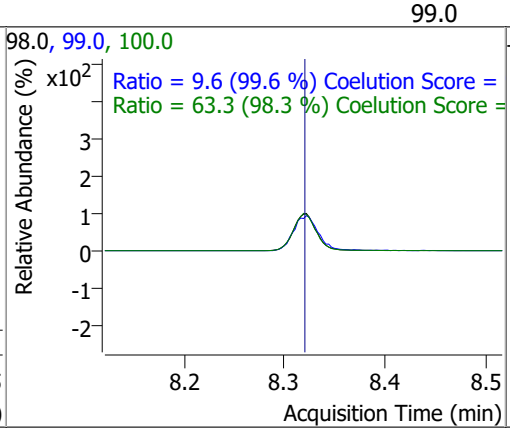
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

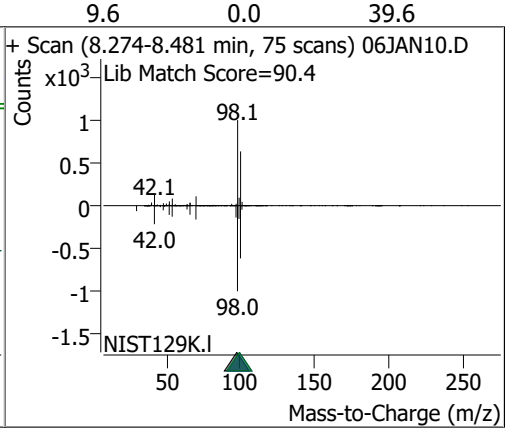




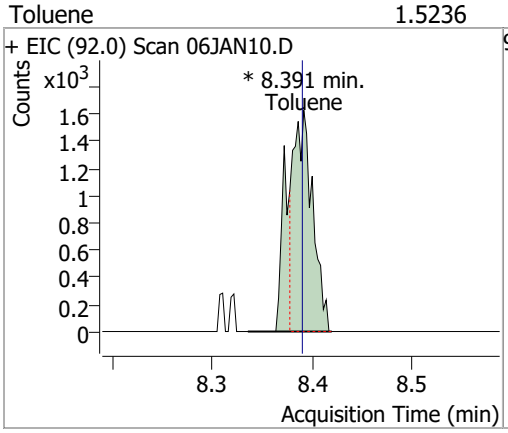
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	269.7686	8.32	0.00	746023	100.0	63.3	34.4	94.4
					99.0	9.6	0.0	39.6

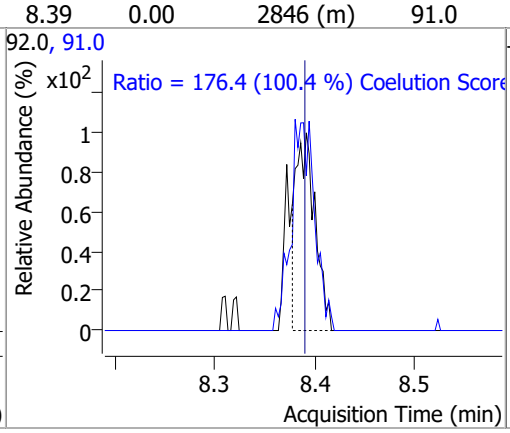


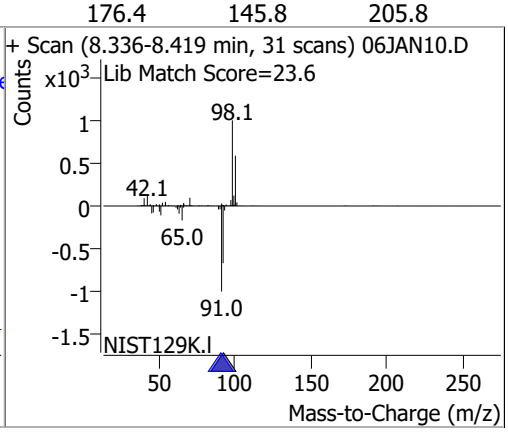




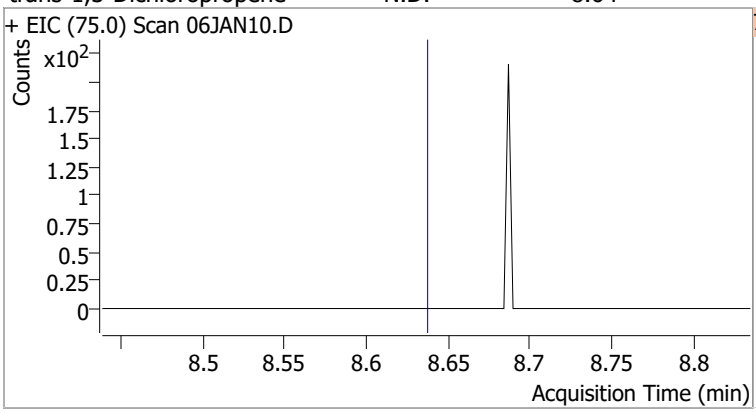
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.5236	8.39	0.00	2846 (m)	91.0	176.4	145.8	205.8

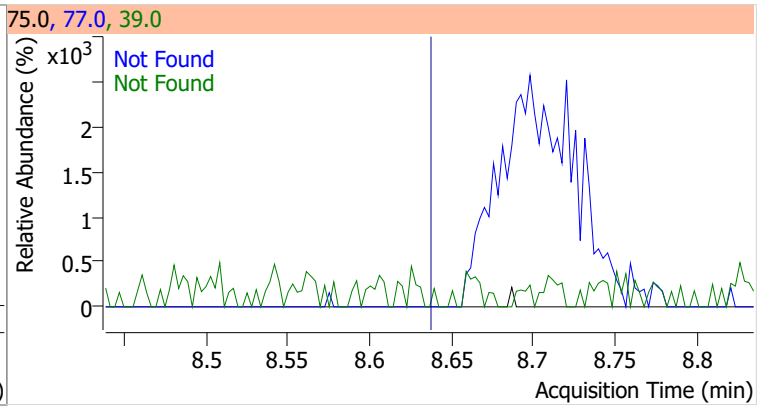




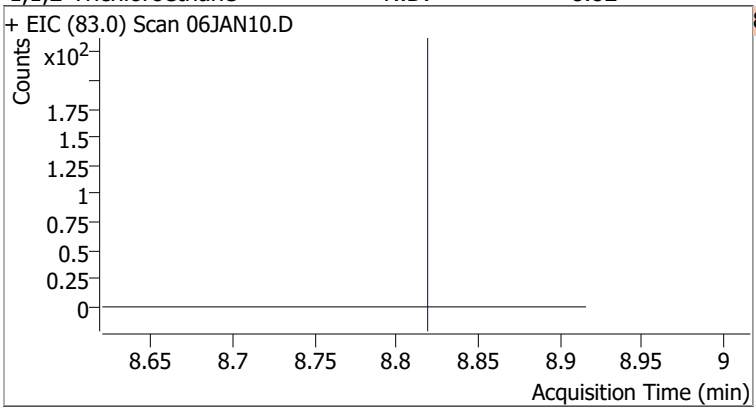


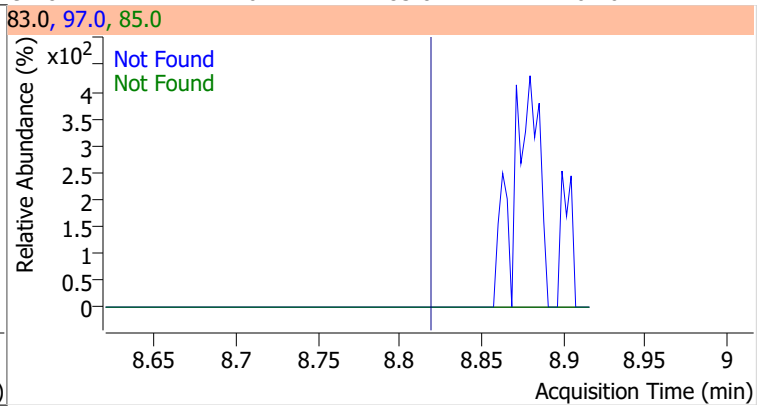
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



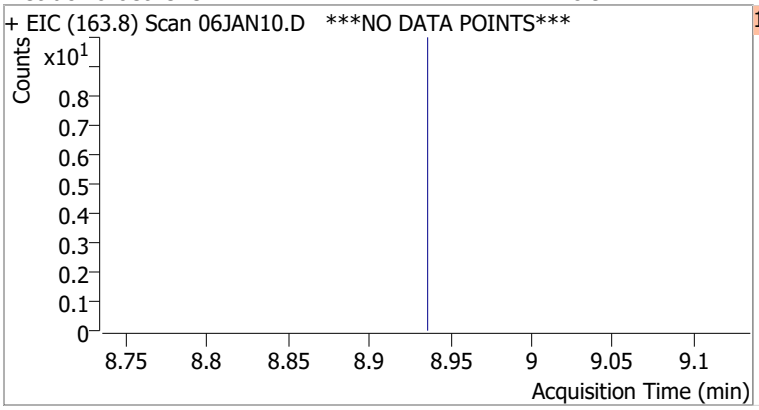


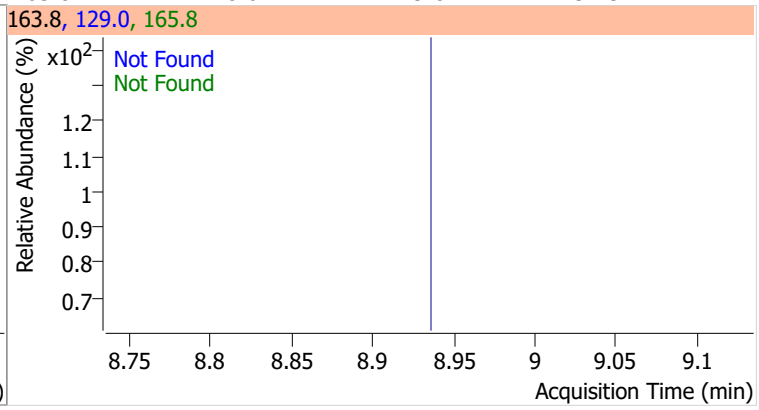
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



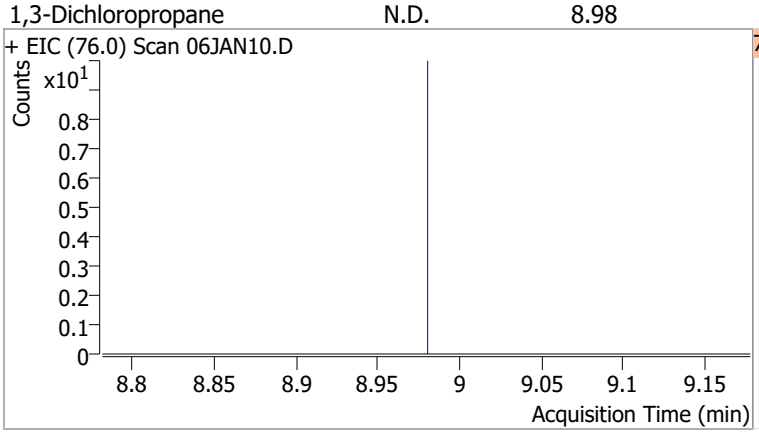


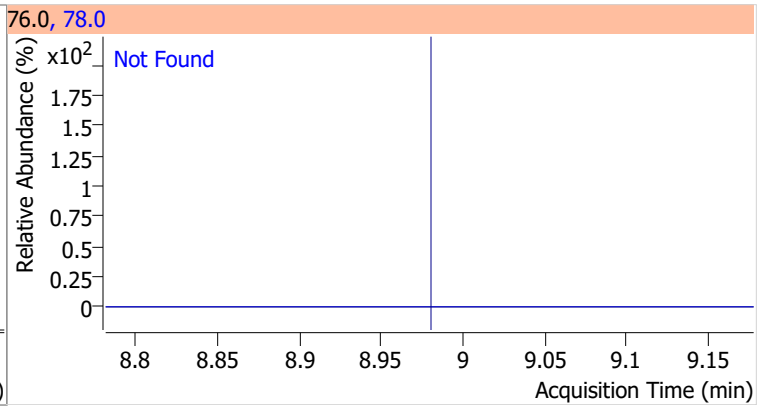
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



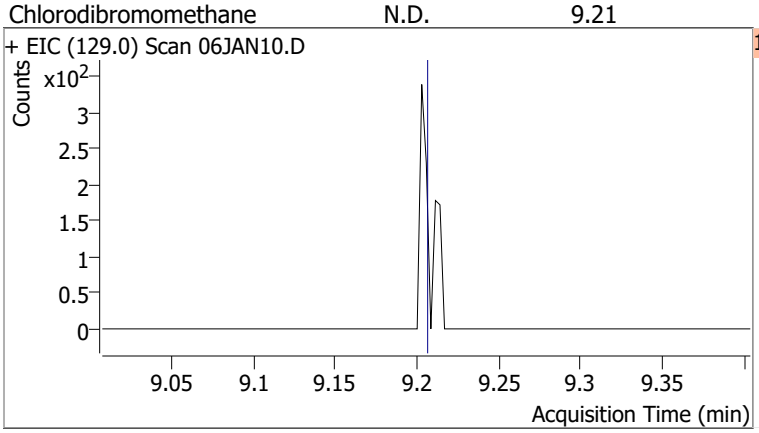


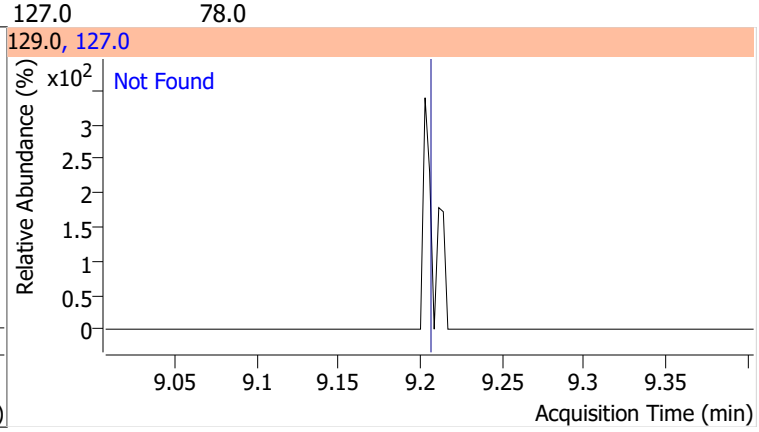
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



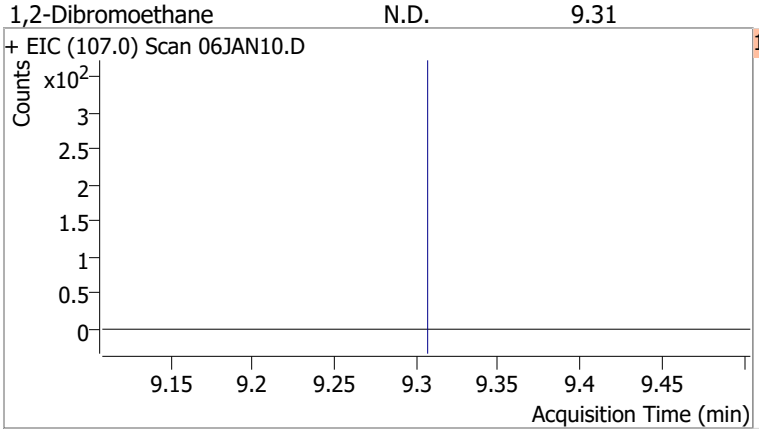


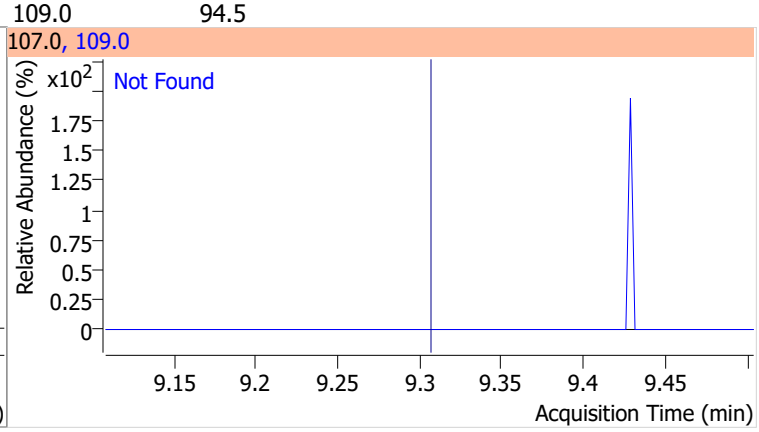
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



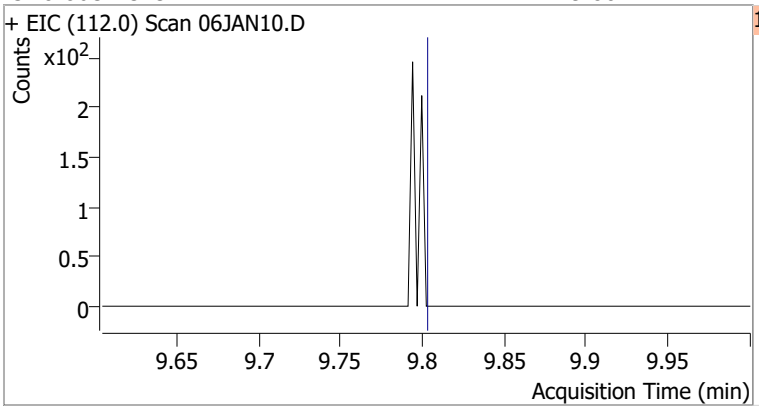


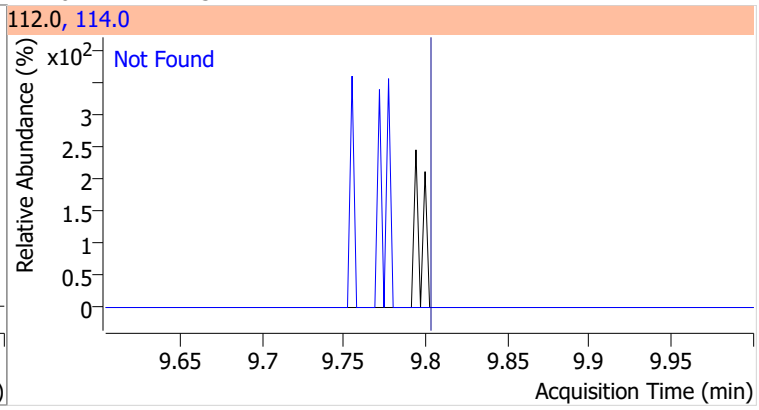
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



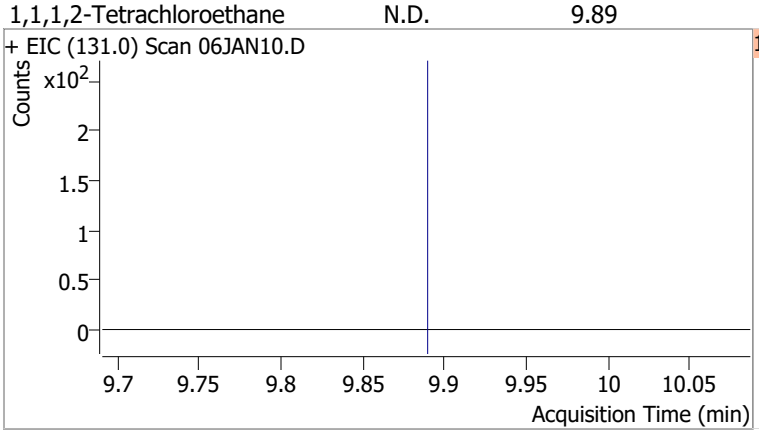


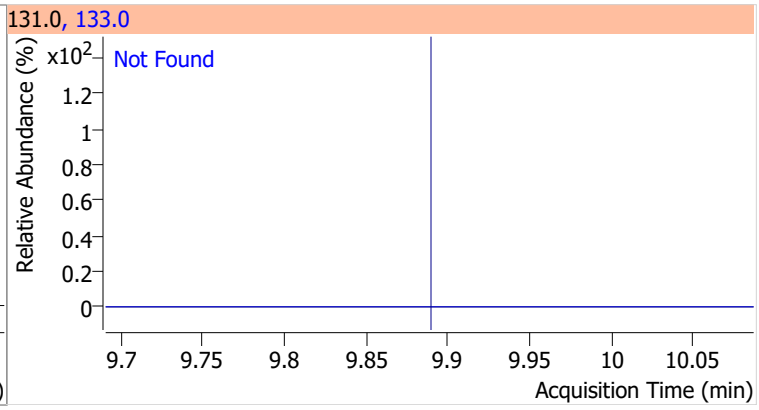
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



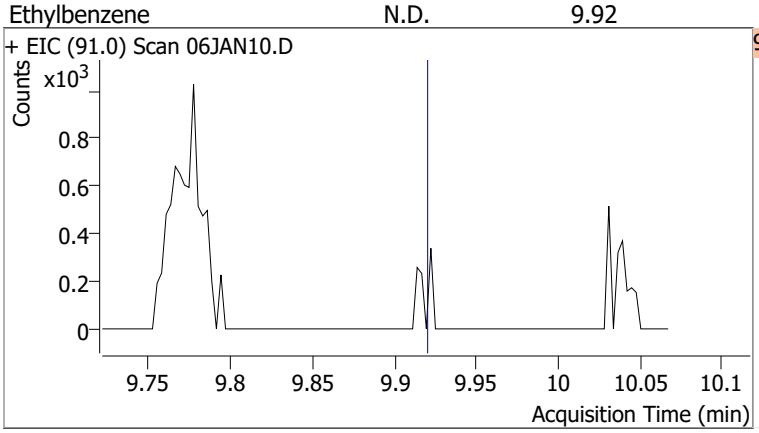


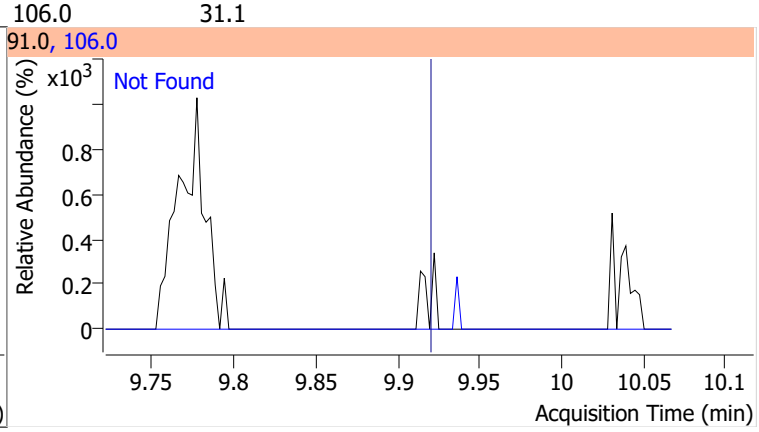
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



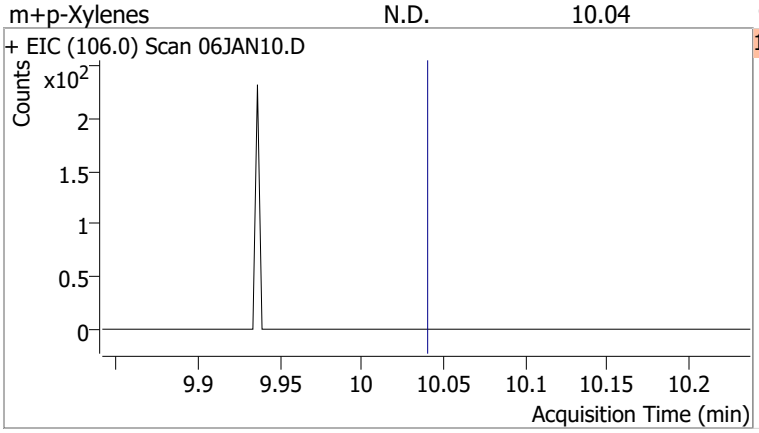


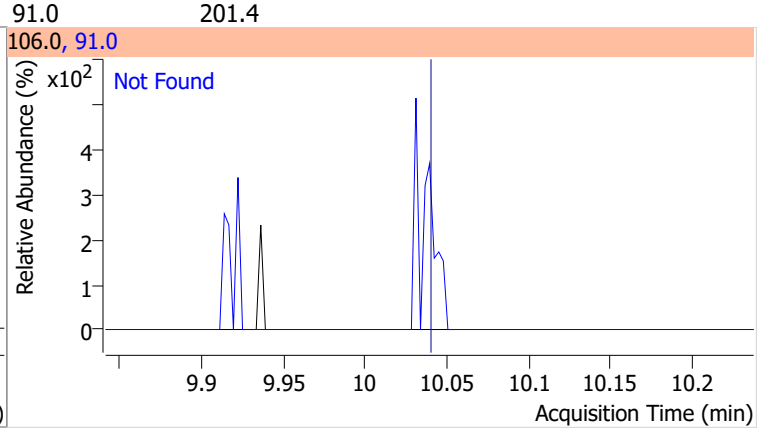
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



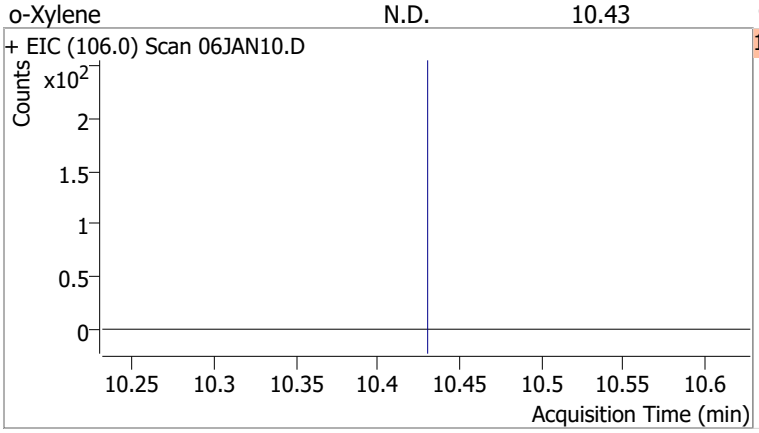


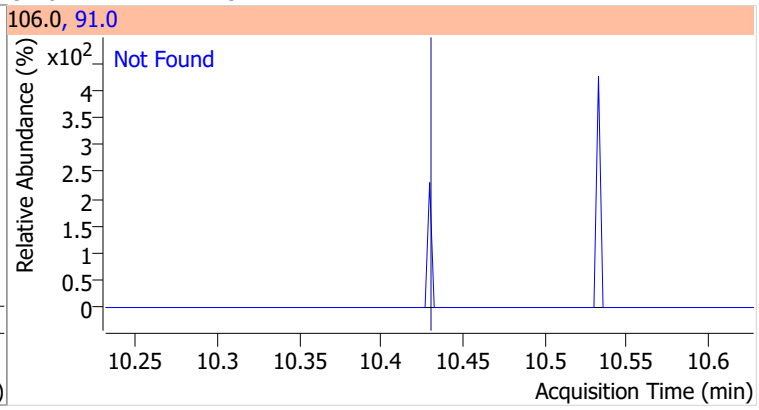
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



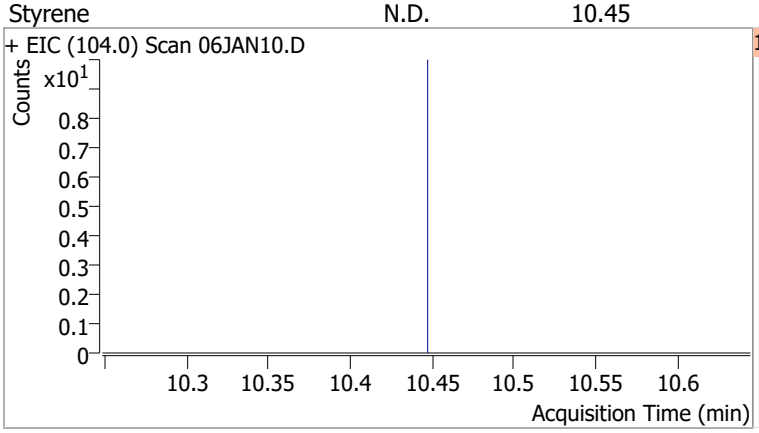


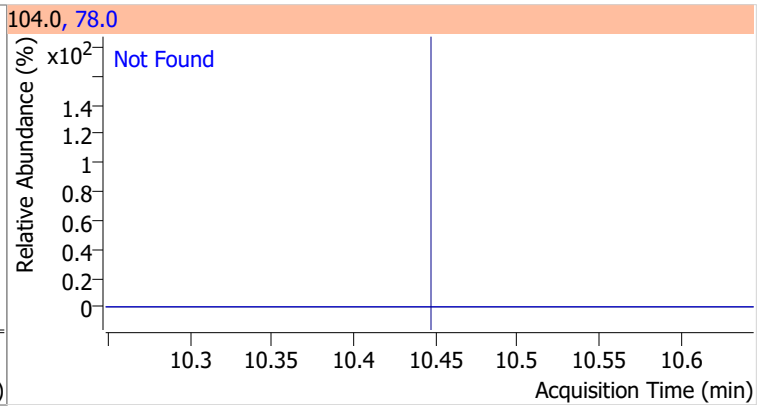
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



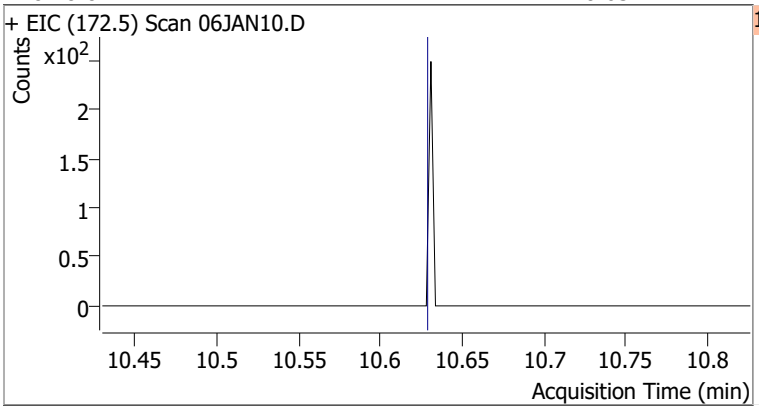


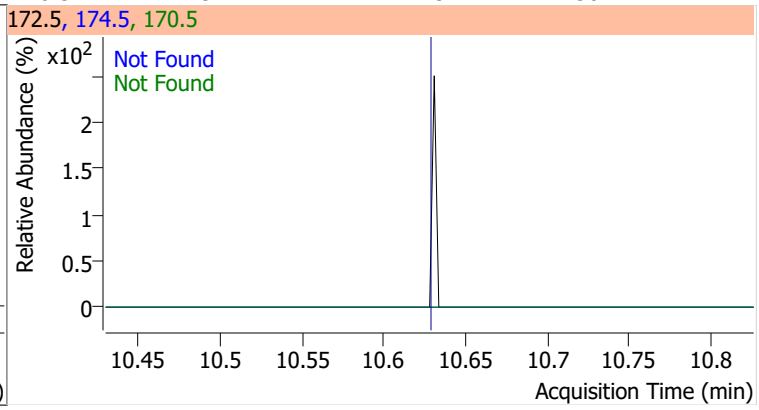
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



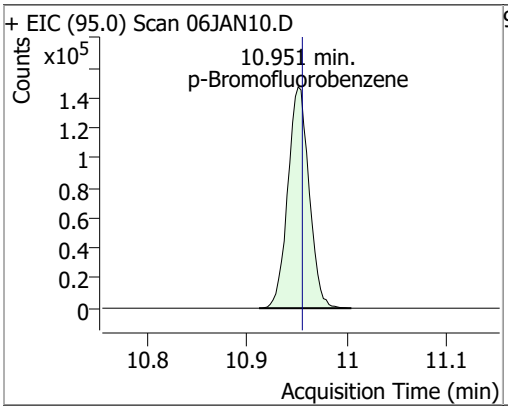


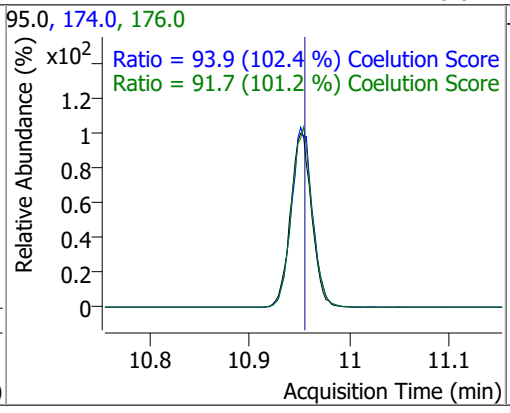
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

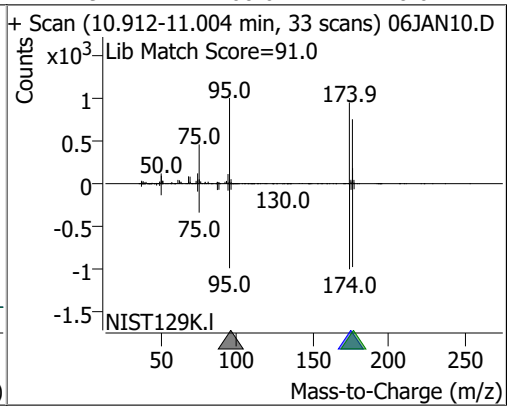




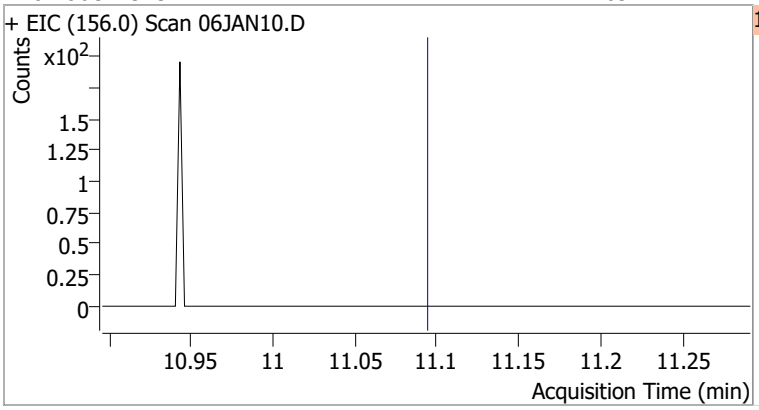
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	272.7035	10.95	0.00	216178	174.0	93.9	61.7	121.7
					176.0	91.7	60.6	120.6

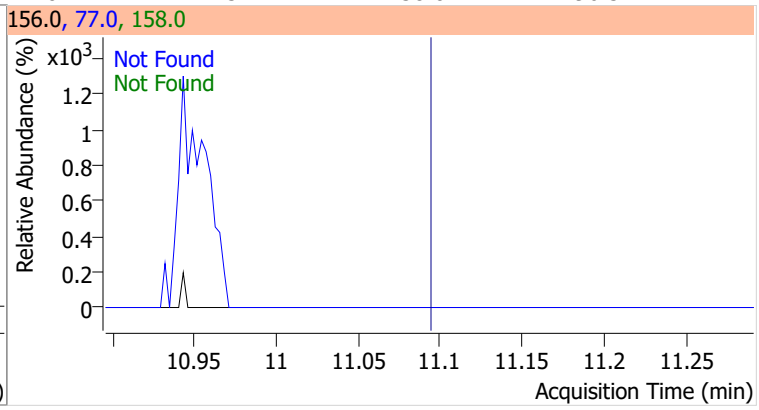




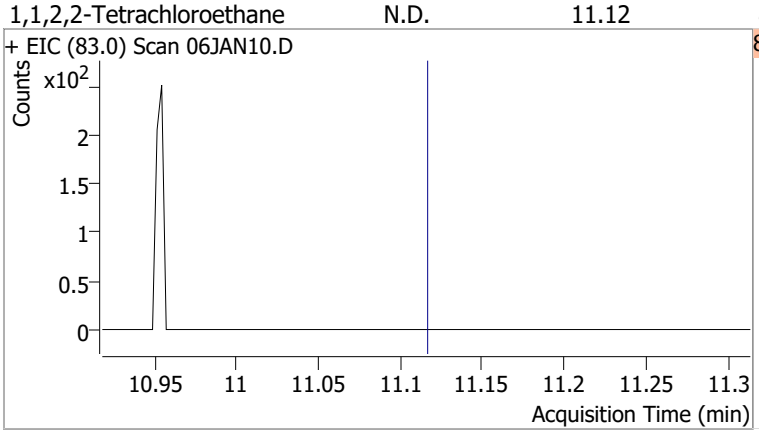


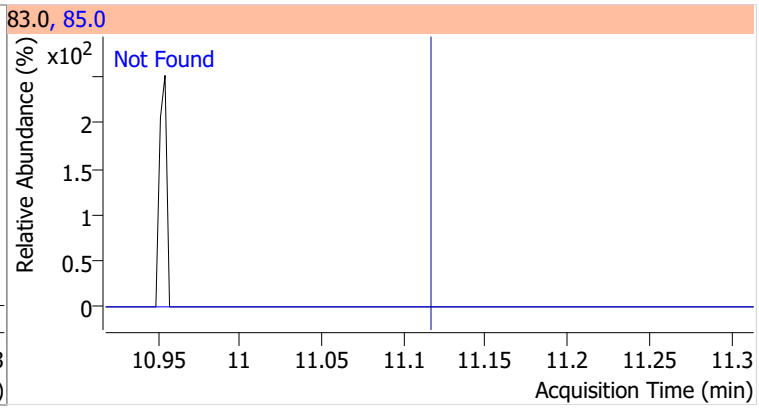
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



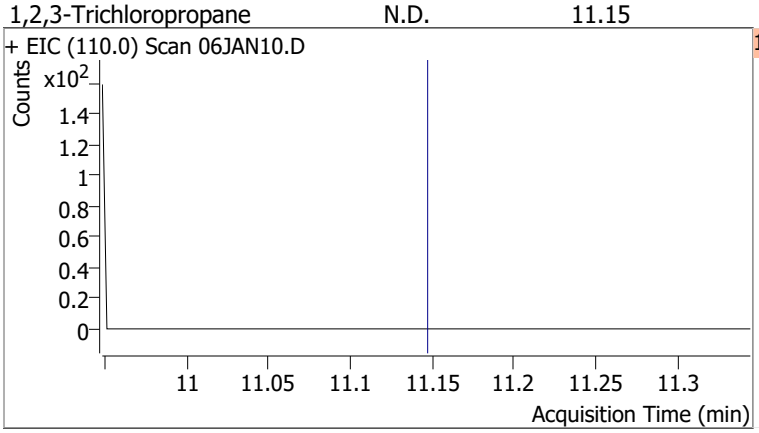


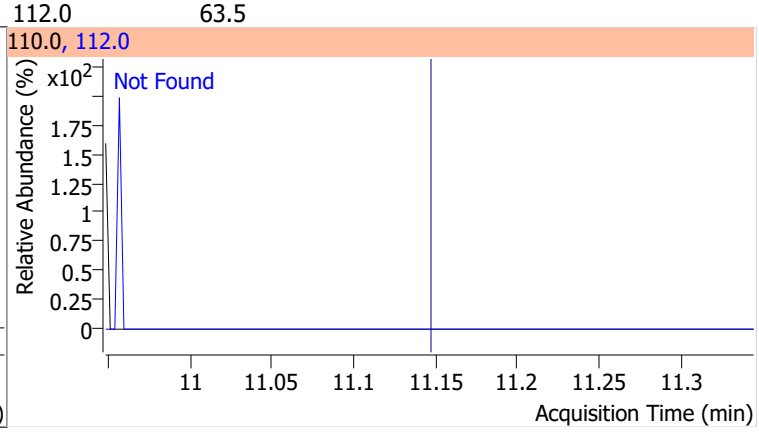
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



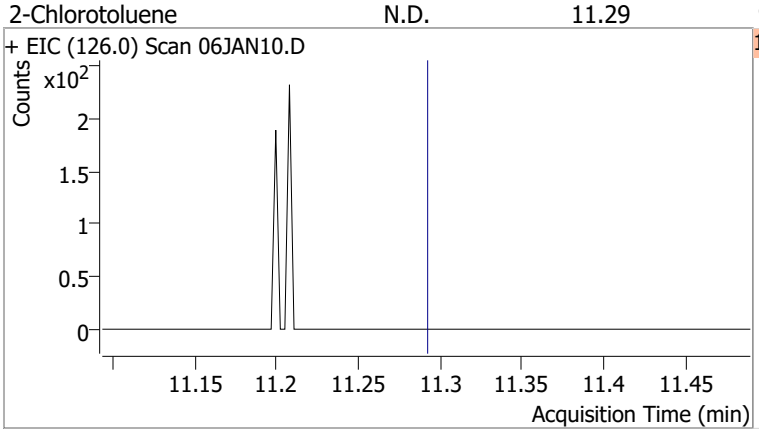


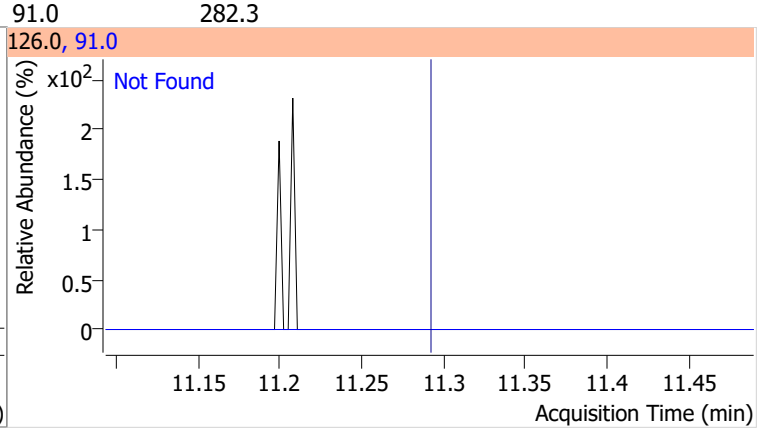
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



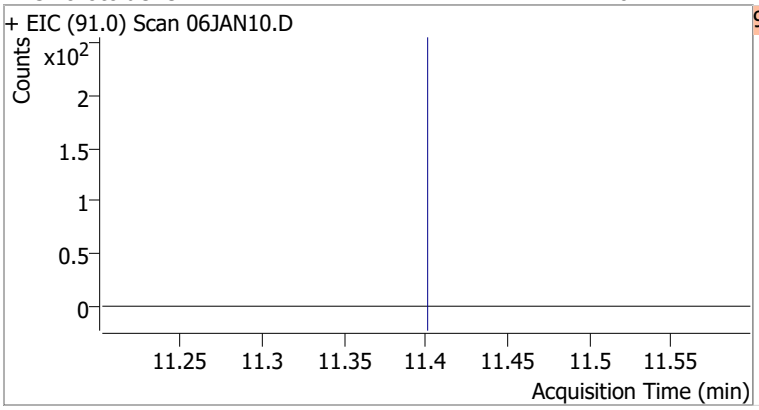


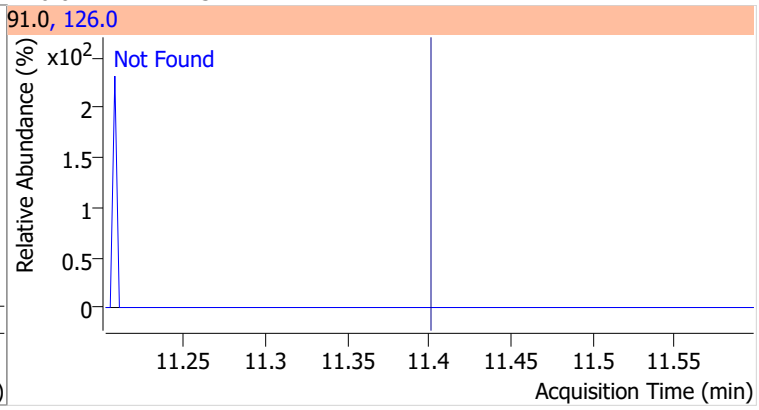
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



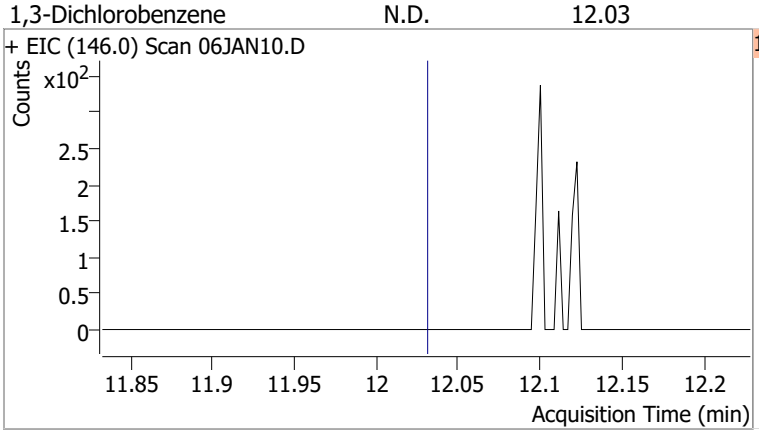


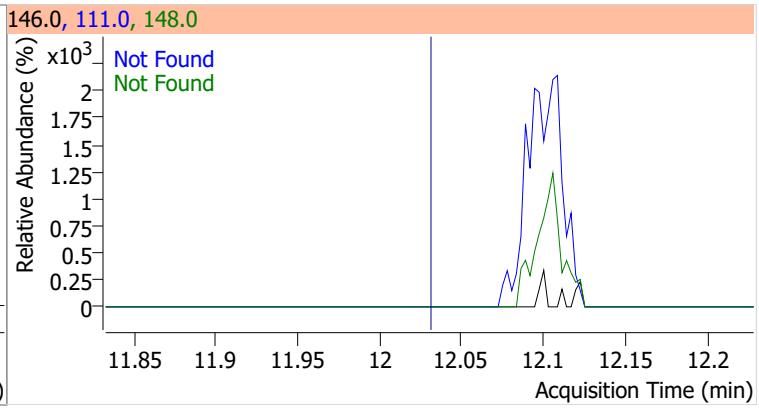
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



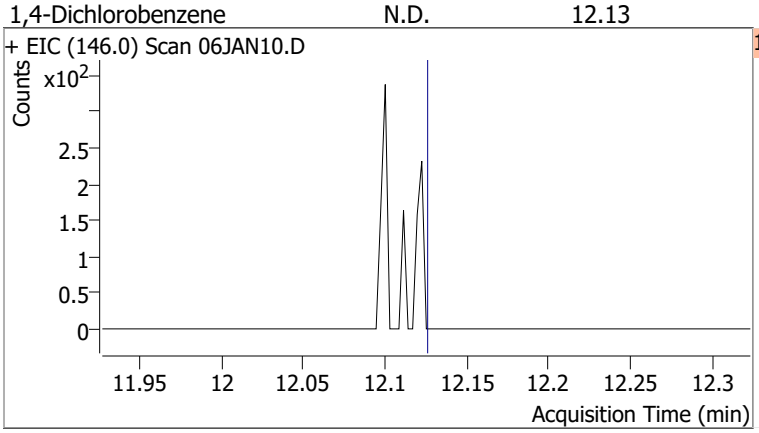


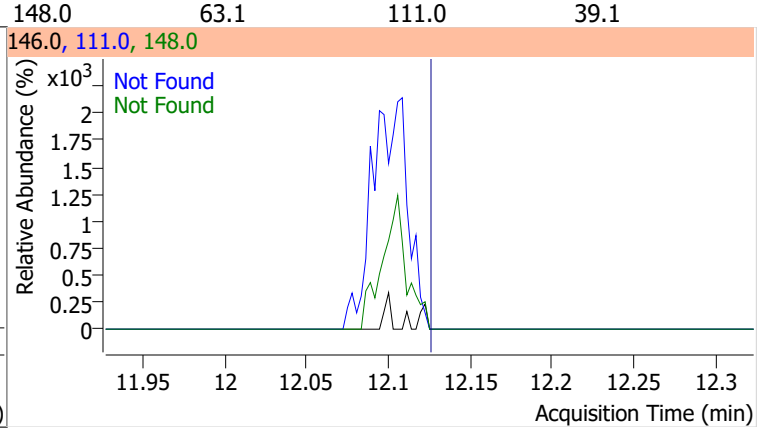
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



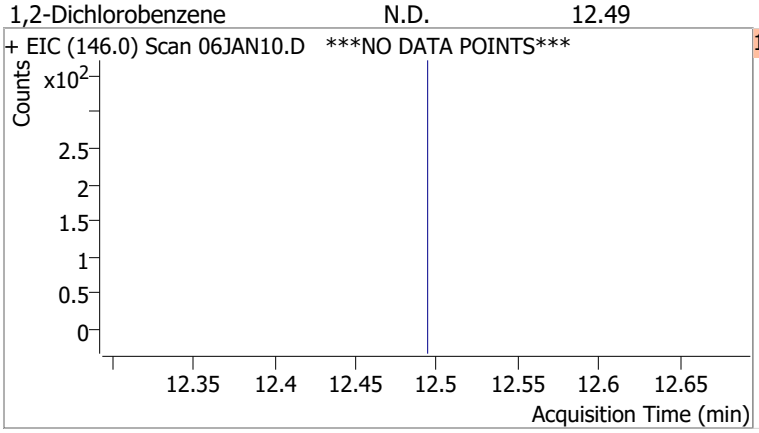


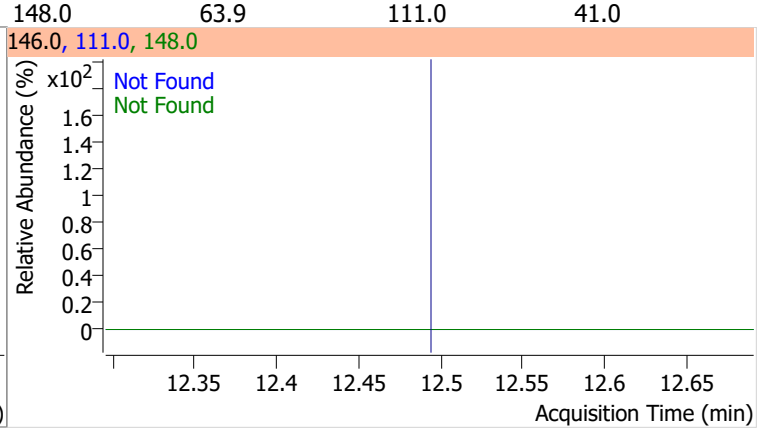
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





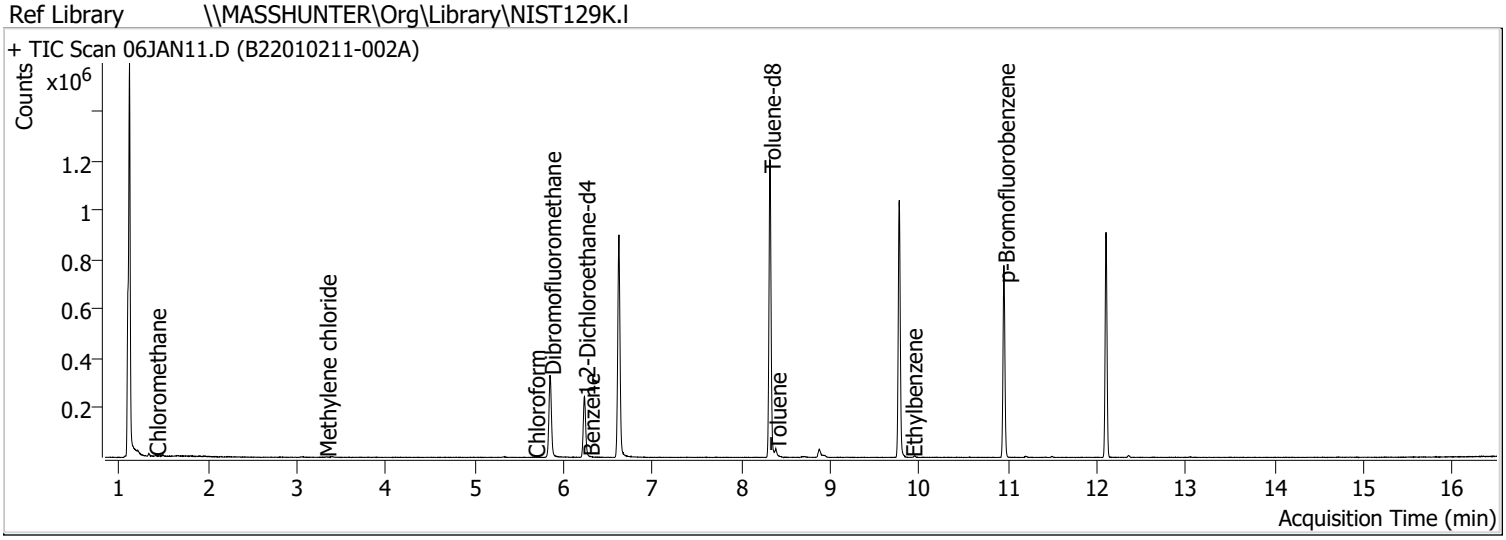
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 2:27:55 PM
Sample Name	B22010211-002A	Instrument	VOA5975C
Vial	11	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

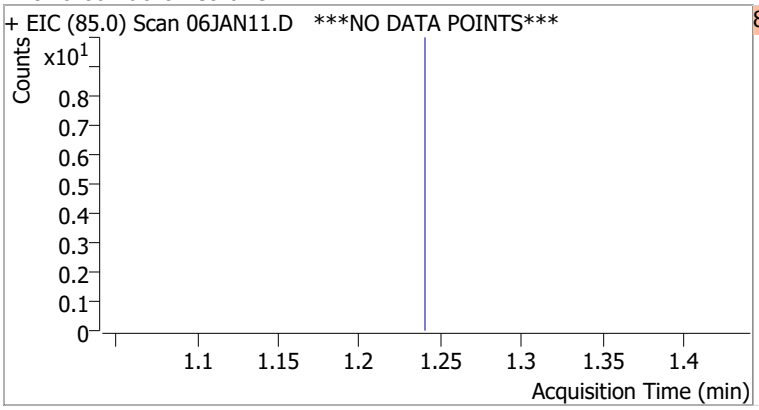


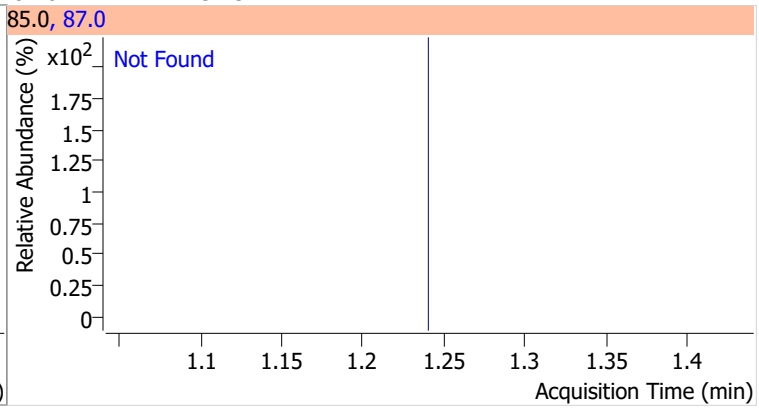
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	743957	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	290037	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	219636	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	196123	279.8228	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 111.93%			
S 1,2-Dichloroethane-d4	6.233	67.0	86398	285.3954	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.16%			
S Toluene-d8	8.319	98.0	750447	268.5016	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.40%			
S p-Bromofluorobenzene	10.951	95.0	217797	270.6766	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.27%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.406	50.0	1885	1.5930	ng	m	94
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.321	49.0	1353	1.2246	ng	m	80
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.667	83.0	150	0.1062	ng	m	94

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.280	78.0	468	0.1579	ng	m	69
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.383	92.0	8233	4.3607	ng		99
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	9.197	129.0	0		ng	md	1
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.911	91.0	258	0.0721	ng	m	77
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

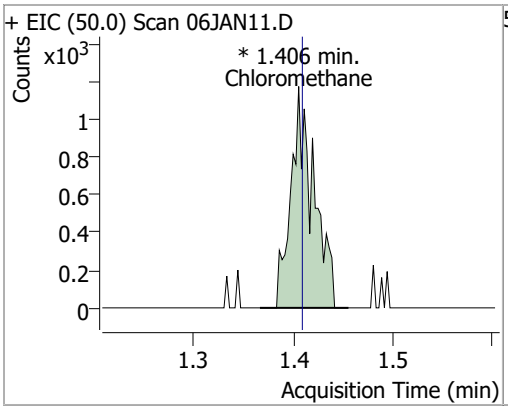
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

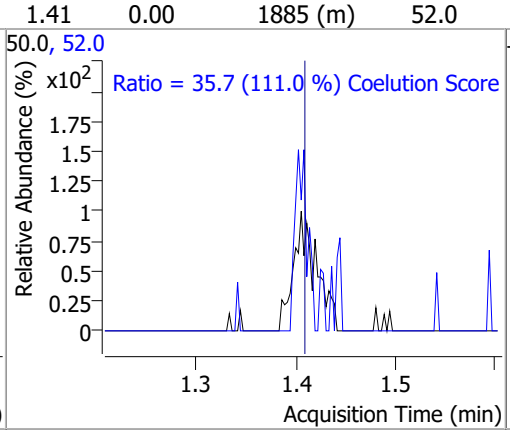
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

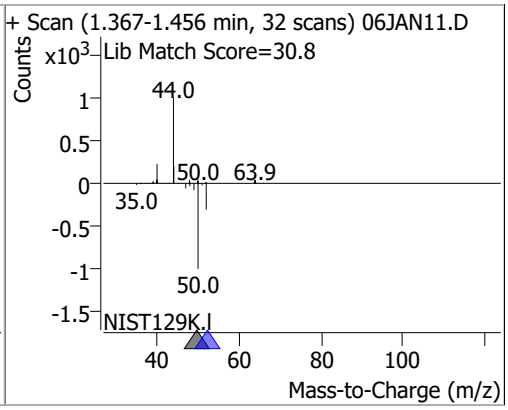




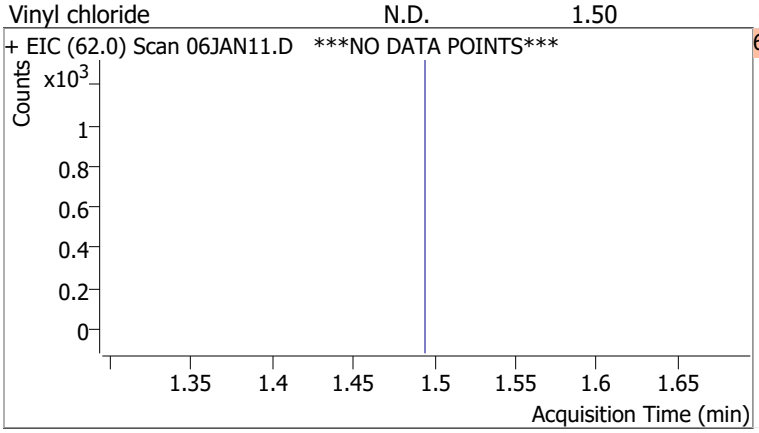
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.5930	1.41	0.00	1885 (m)	52.0	35.7	2.1	62.1

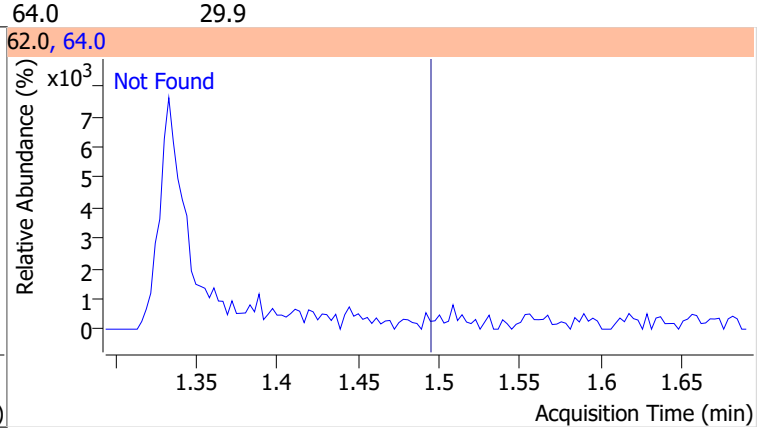




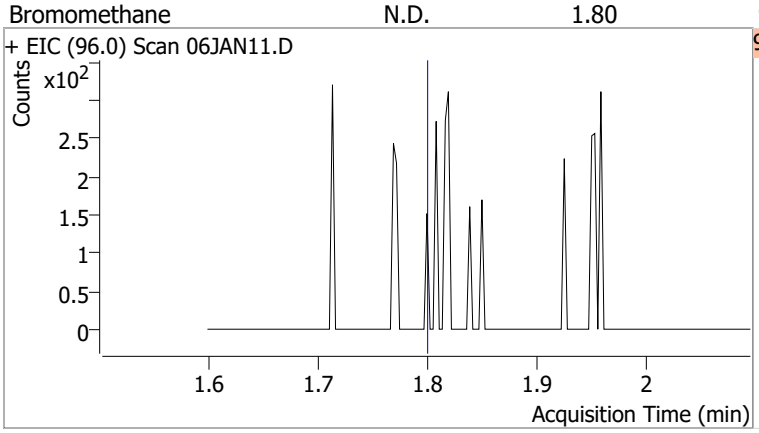


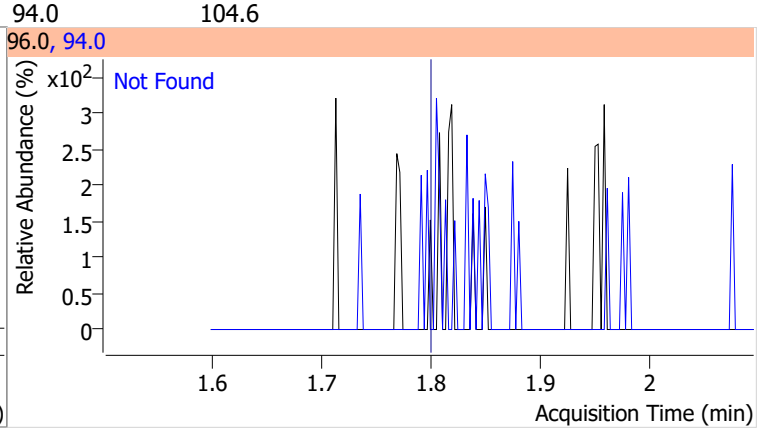
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



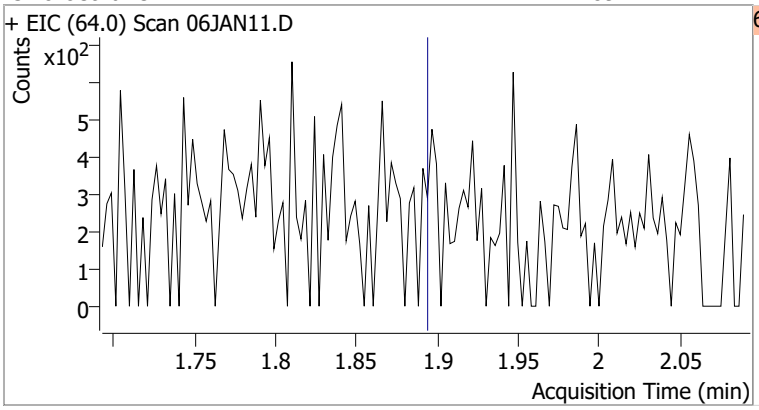


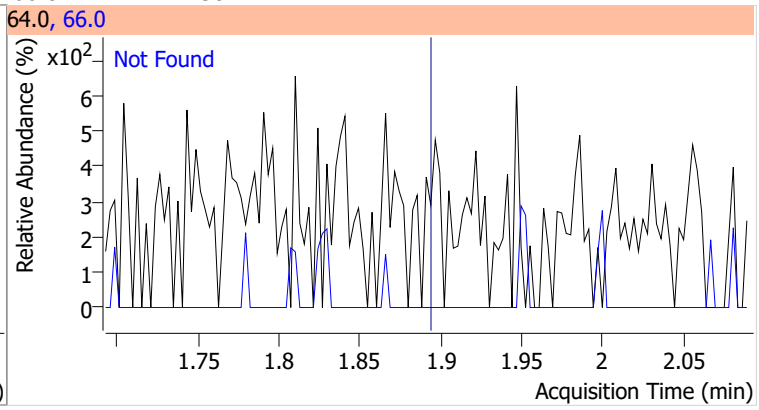
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



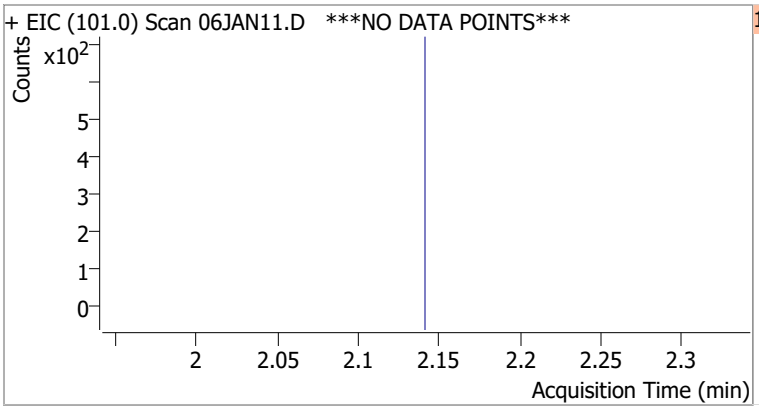


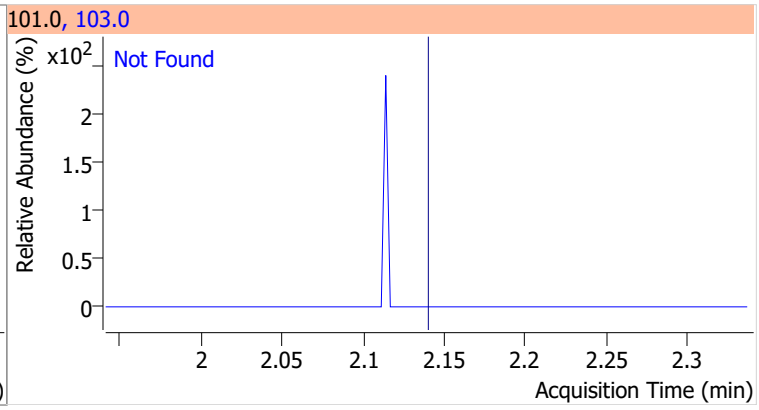
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



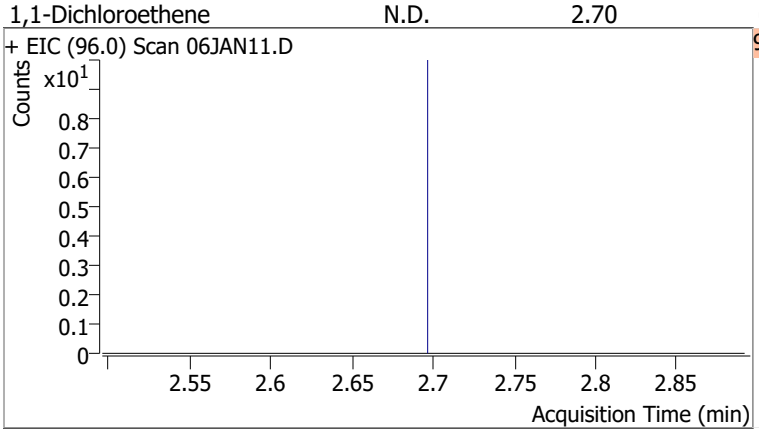


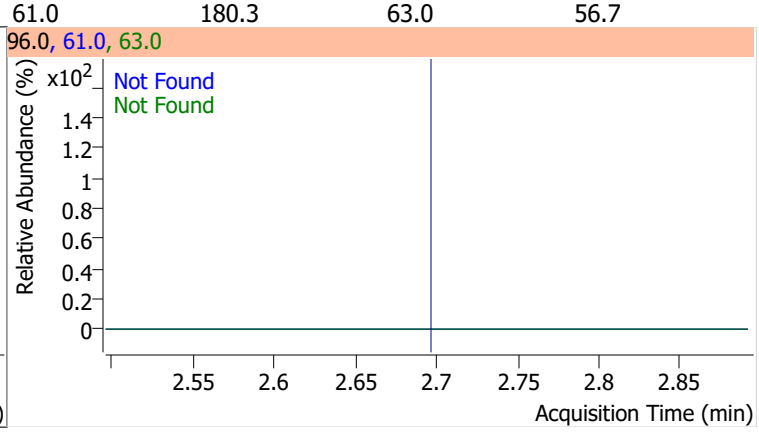
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



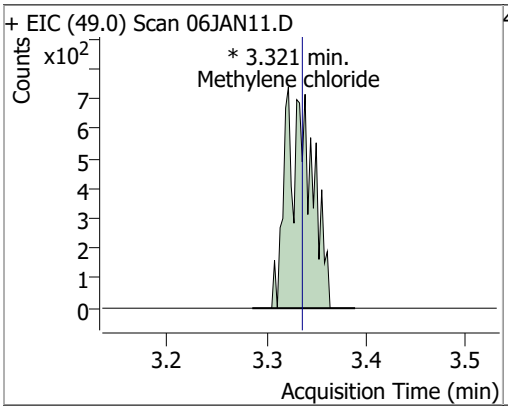


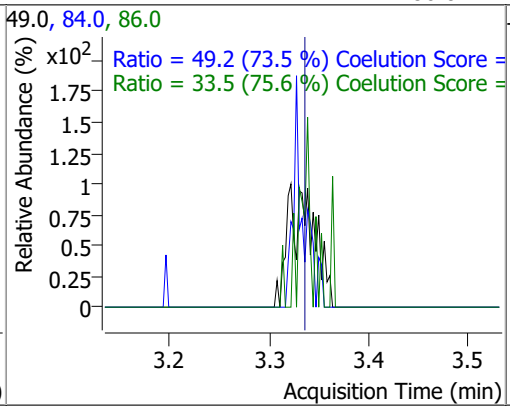
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

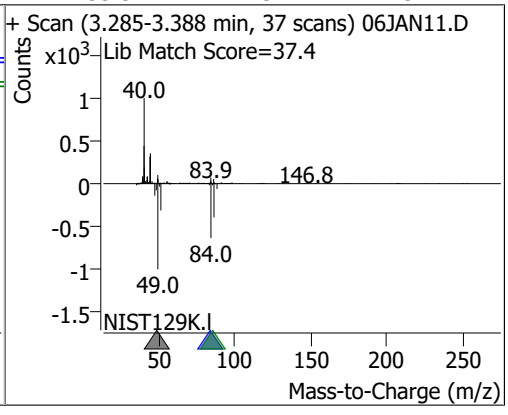




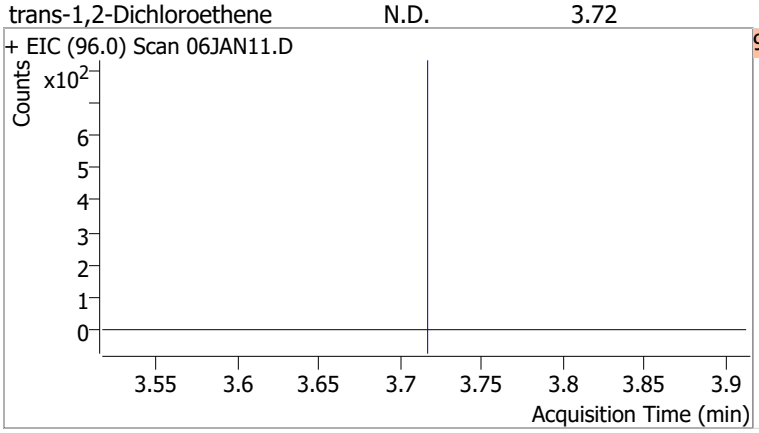
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.2246	3.32	-0.01	1353 (m)	84.0	49.2	36.9	96.9
					86.0	33.5	14.3	74.3

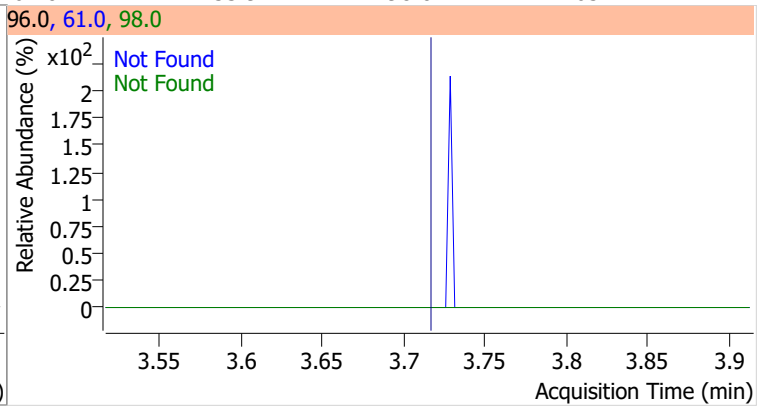




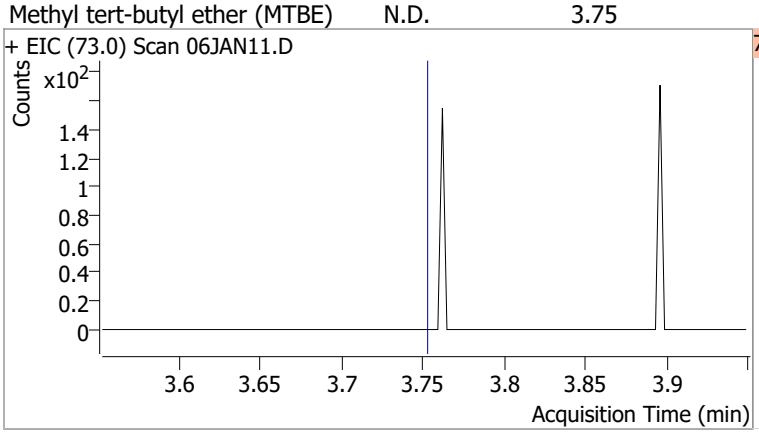


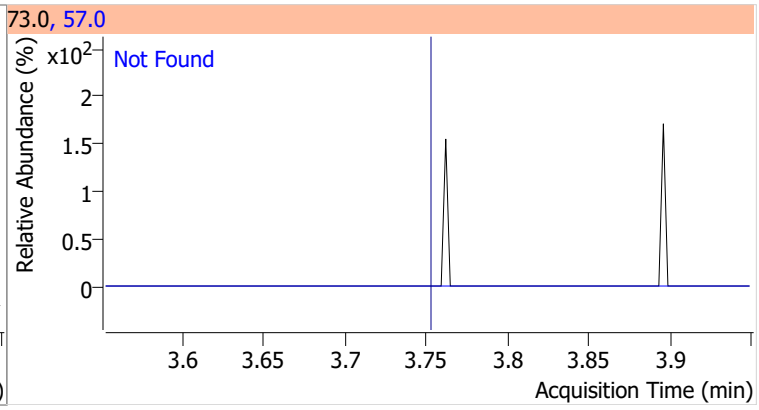
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



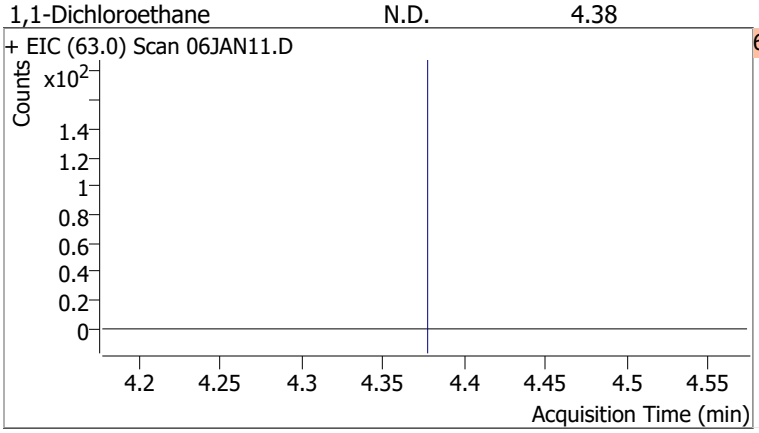


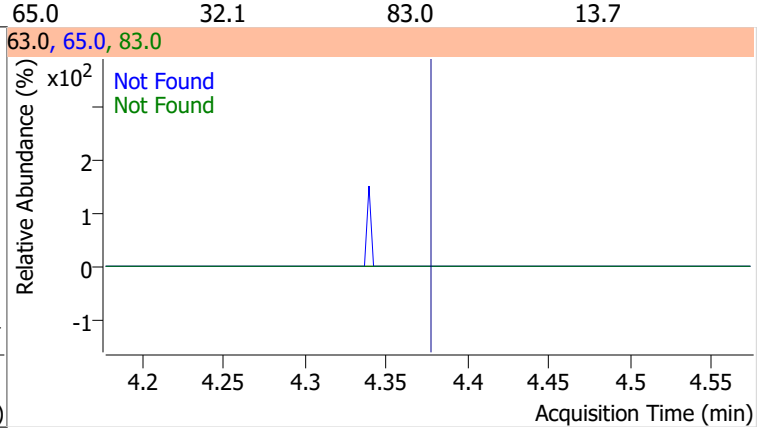
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



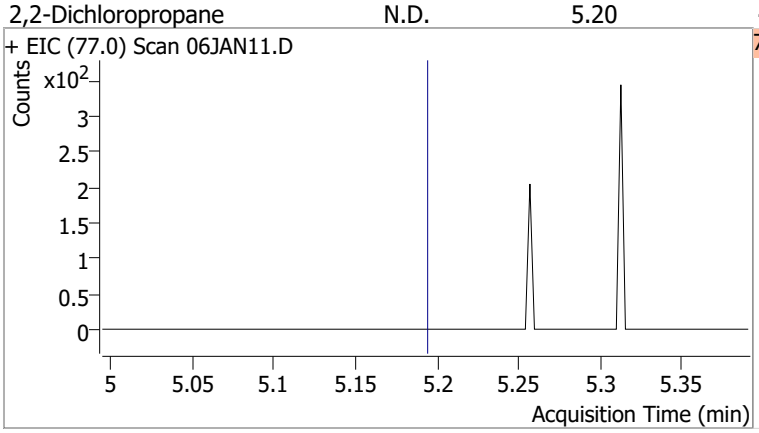


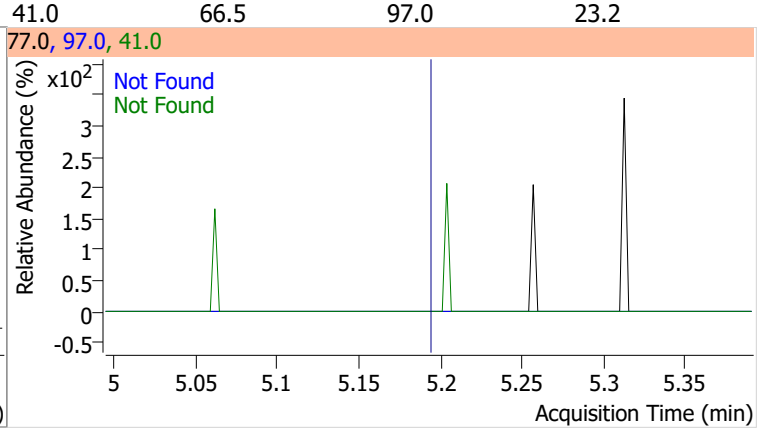
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



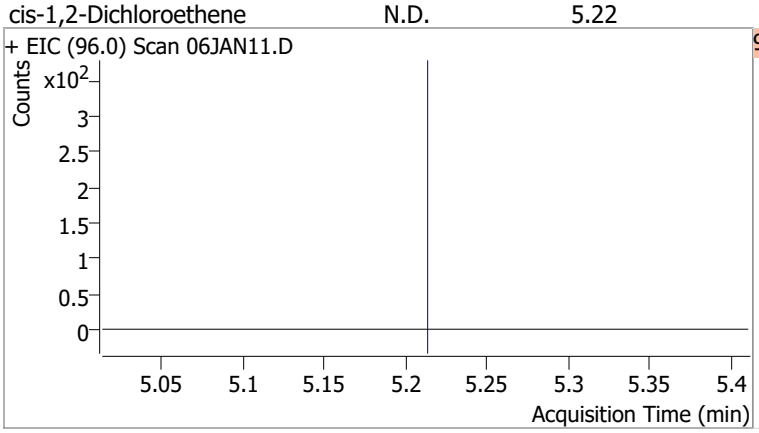


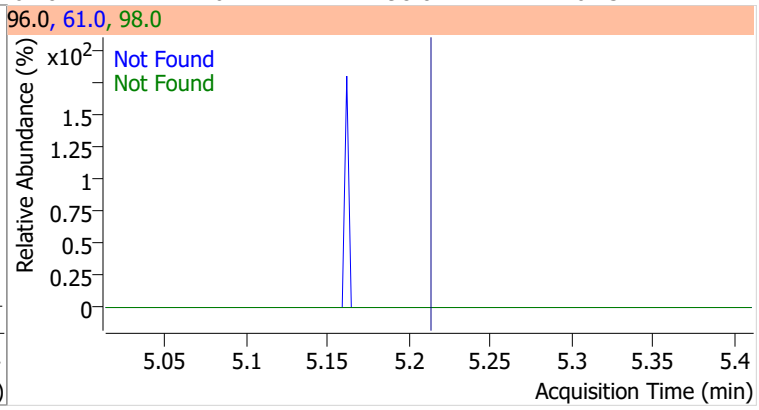
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



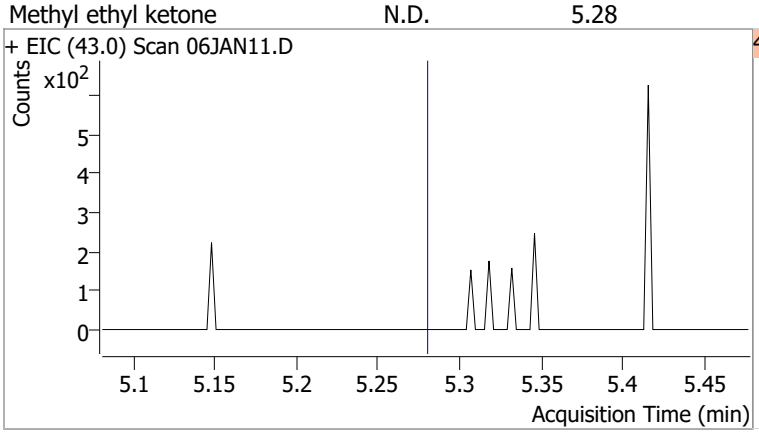


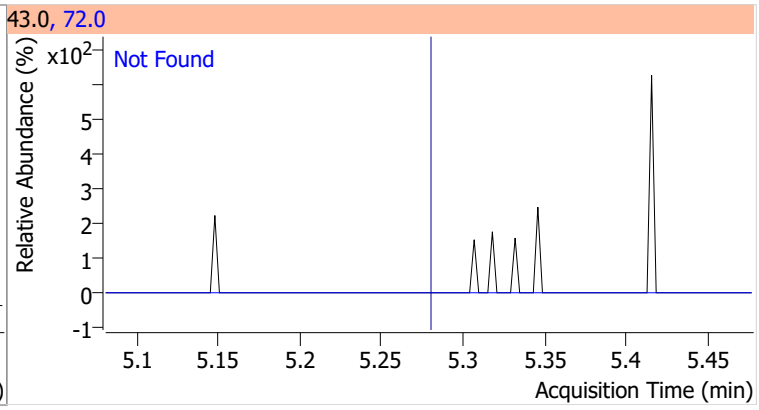
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



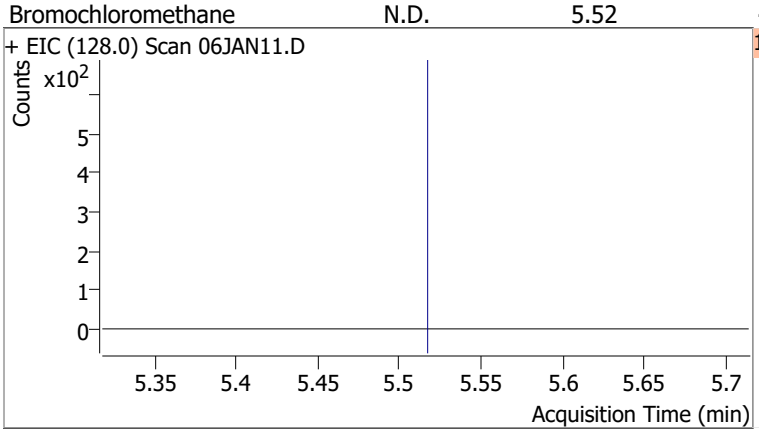


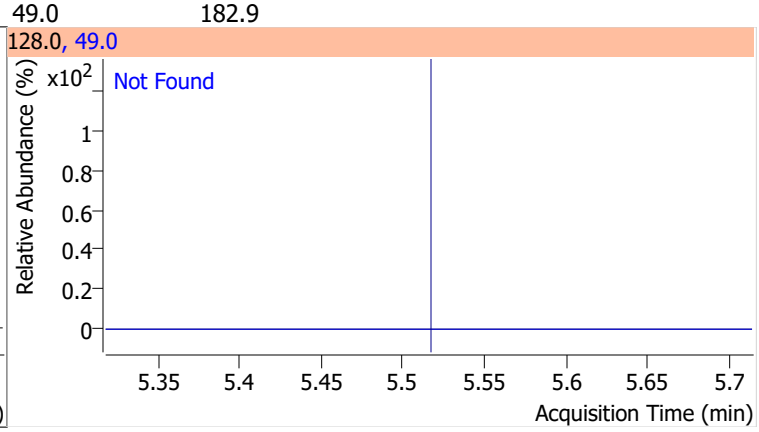
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



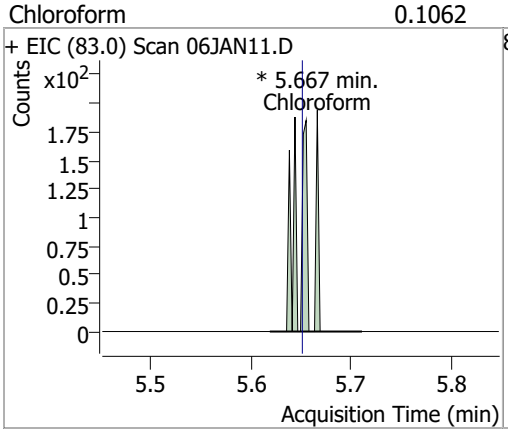


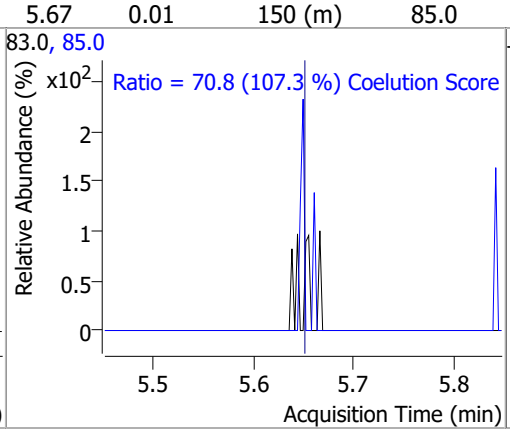
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

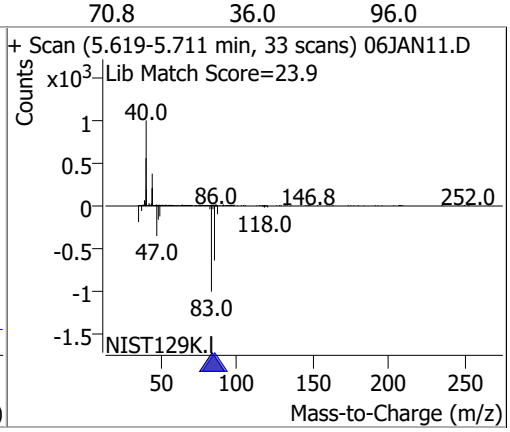




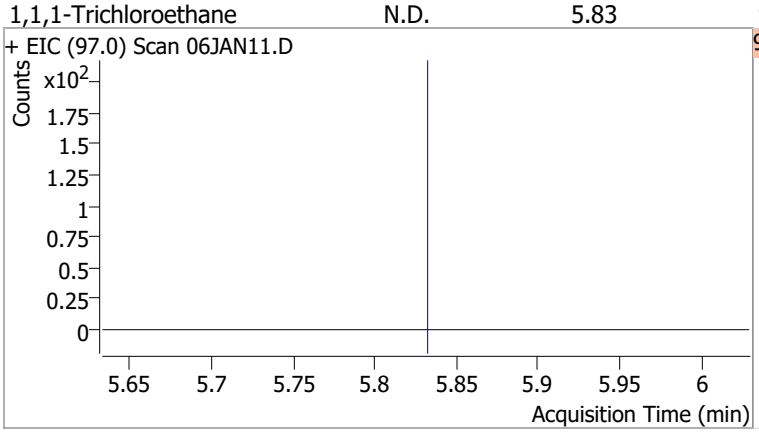
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.1062	5.67	0.01	150 (m)	85.0	70.8	36.0	96.0

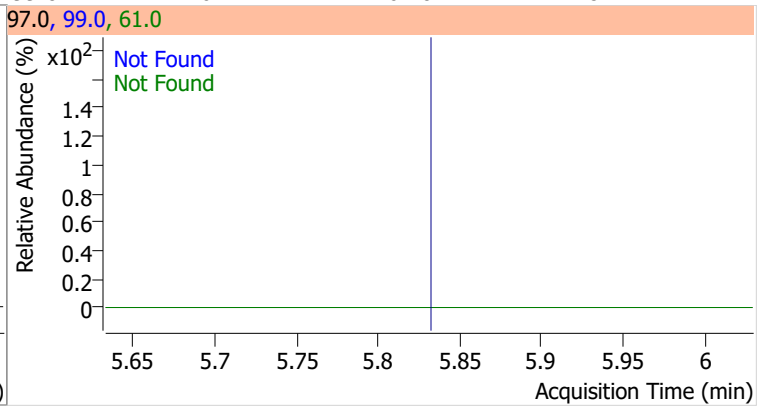




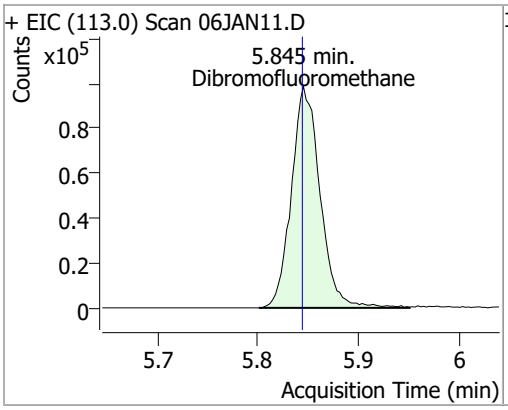


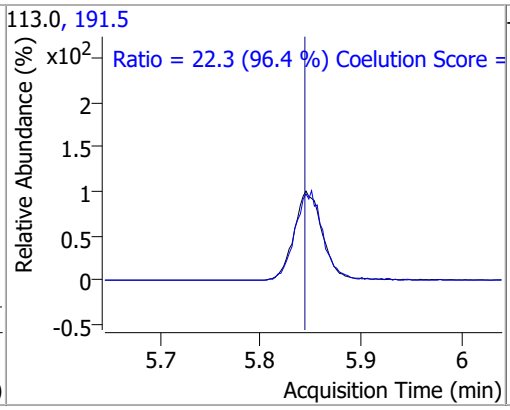
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

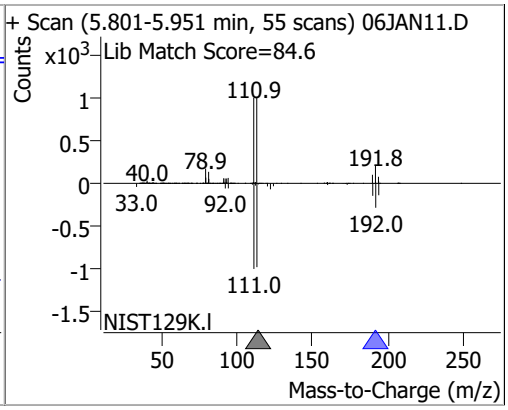




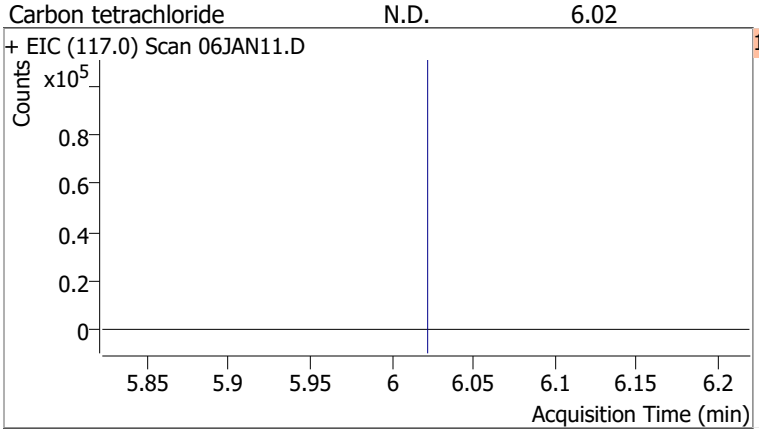
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	279.8228	5.85	0.00	196123	191.5	22.3	0.0	53.1

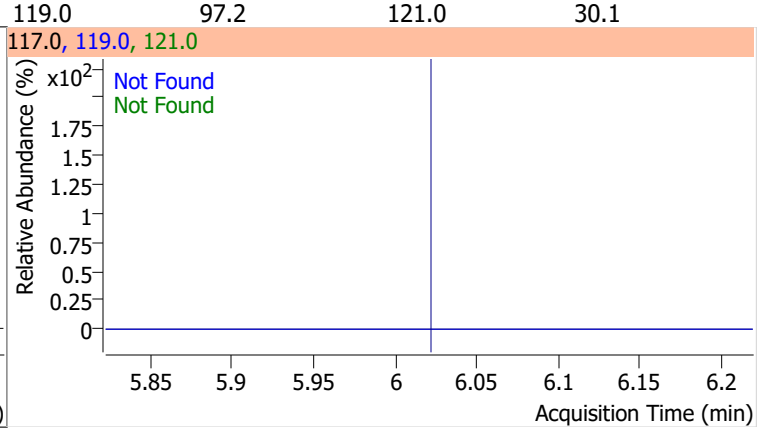




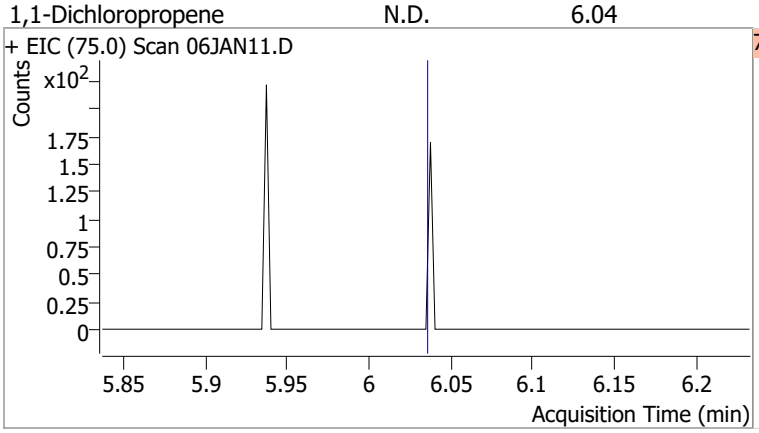


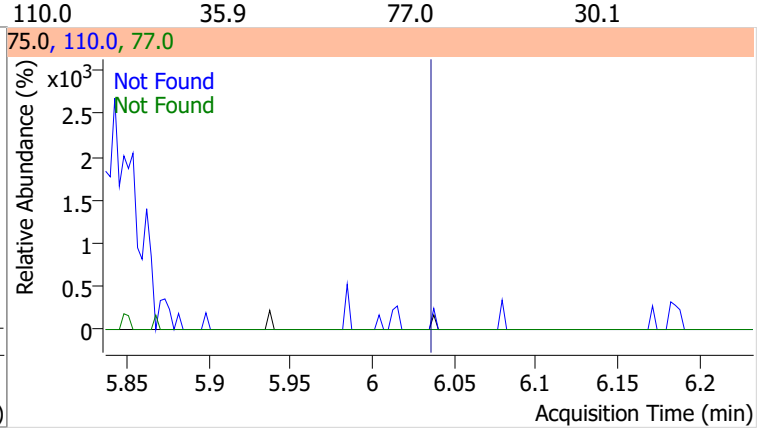
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



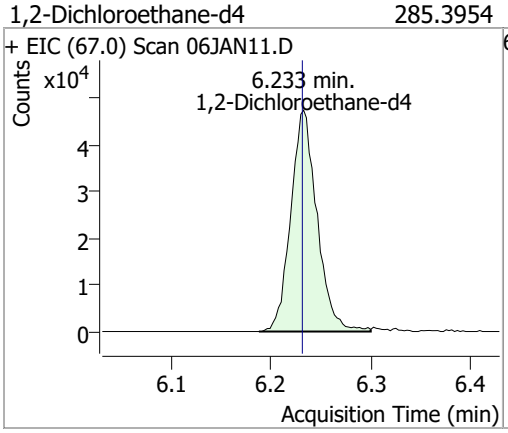


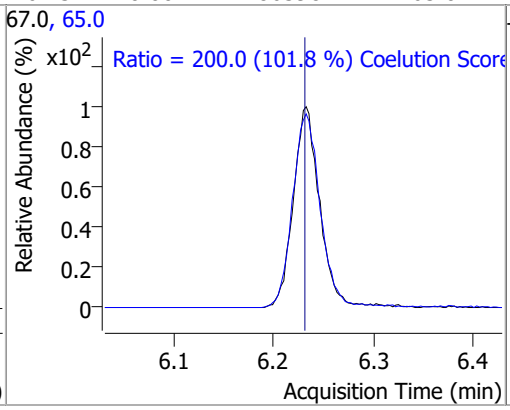
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

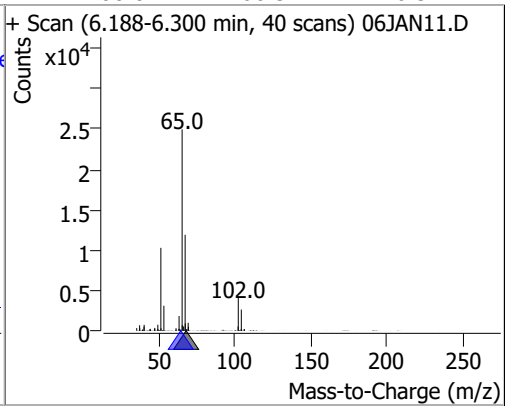




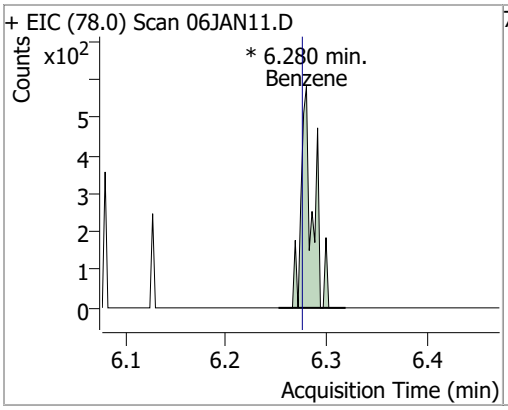
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	285.3954	6.23	0.00	86398	65.0	200.0	166.5	226.5

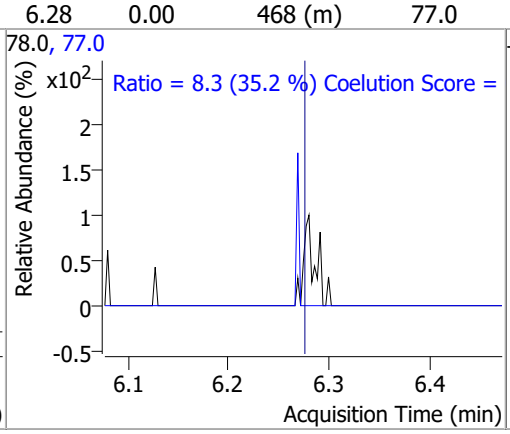


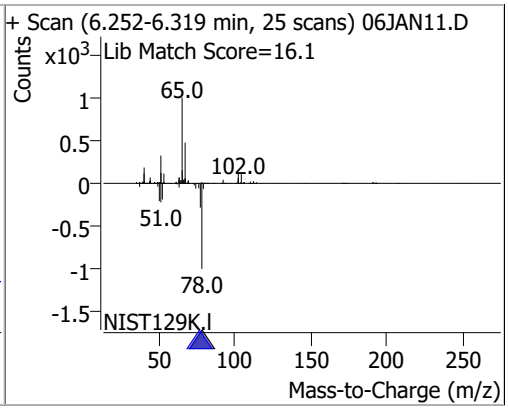




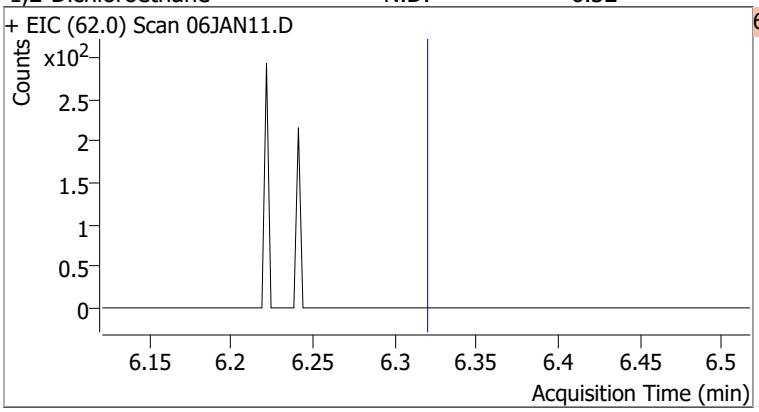
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1579	6.28	0.00	468 (m)	77.0	8.3	0.0	53.5

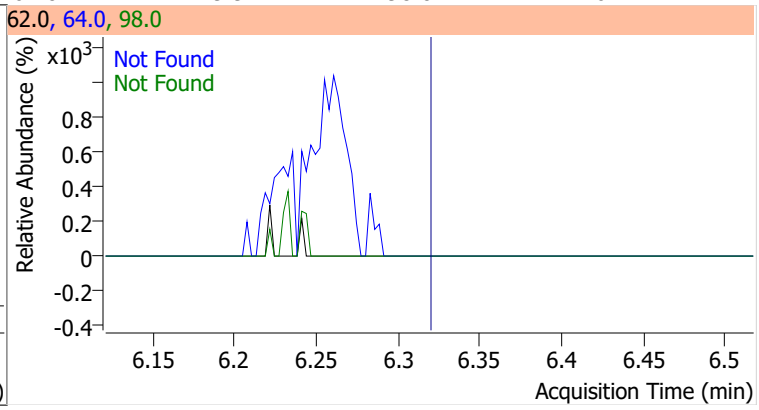




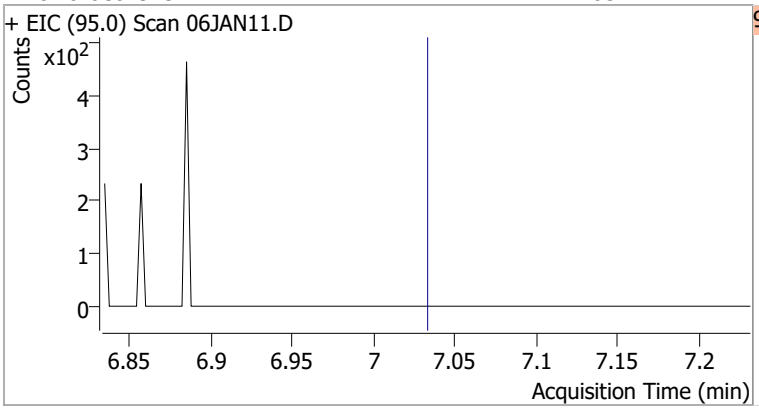


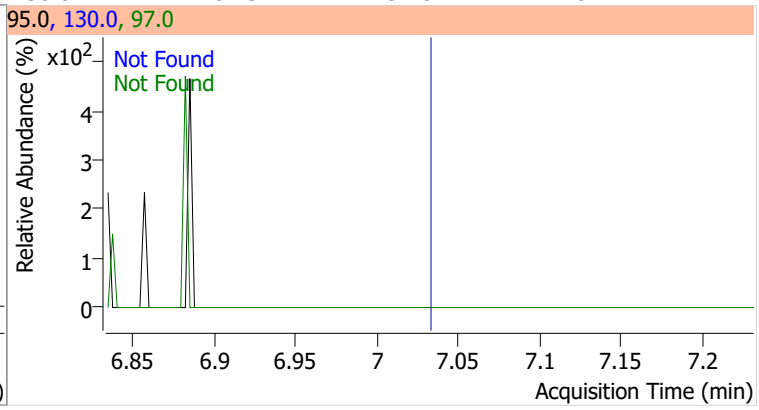
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



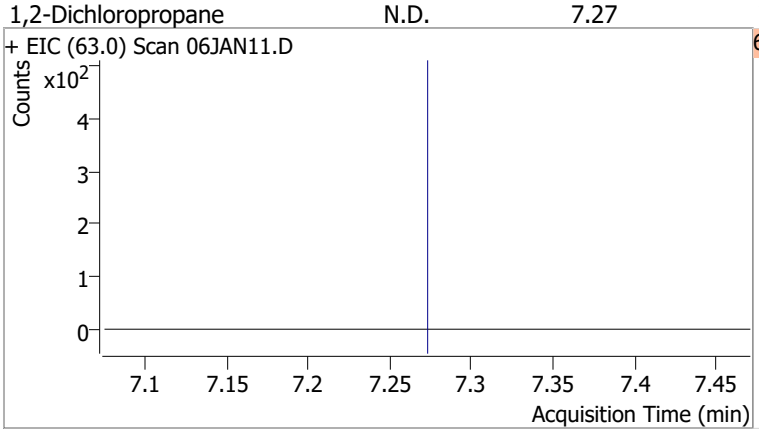


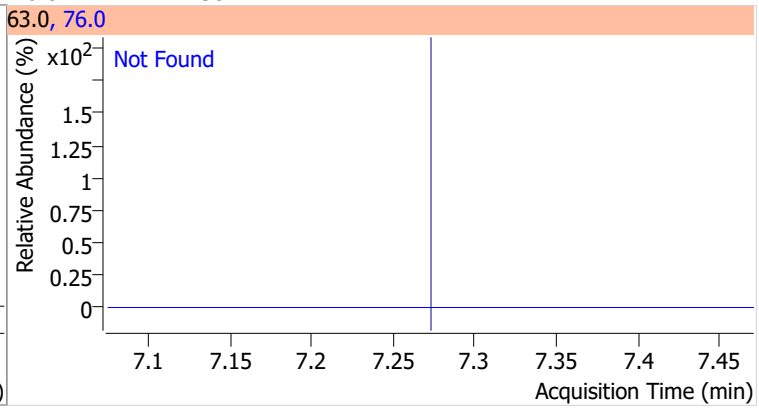
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



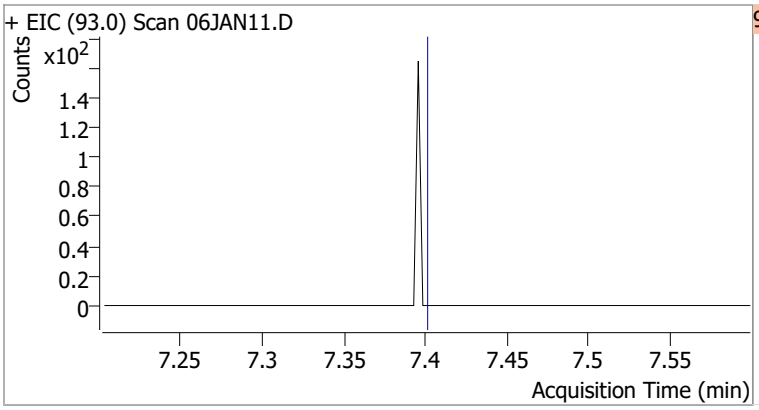


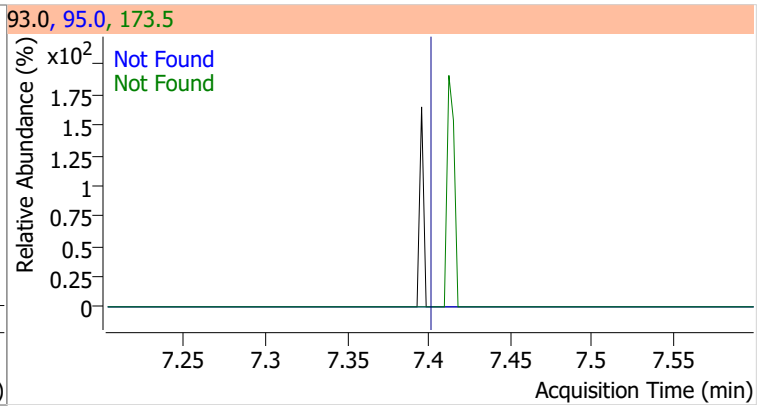
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



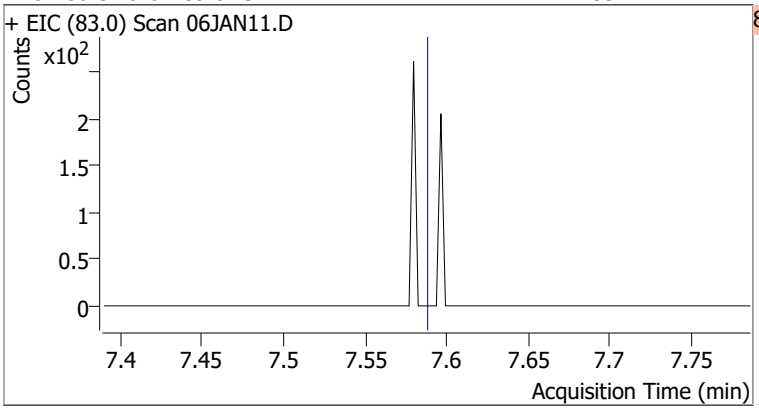


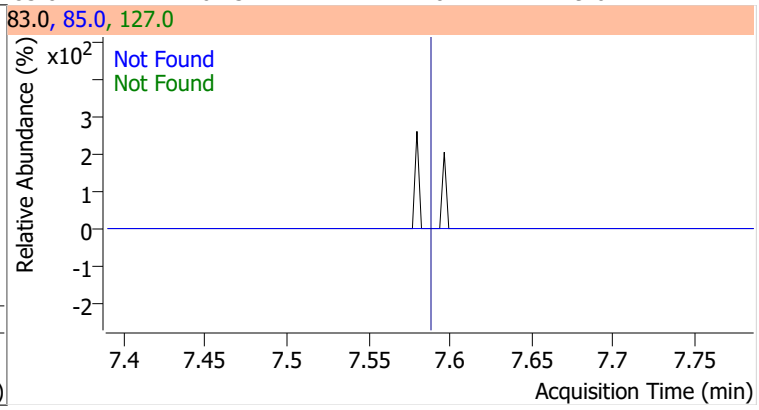
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



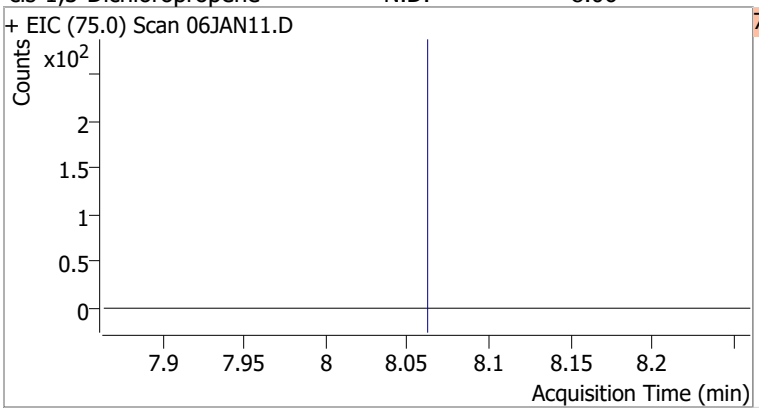


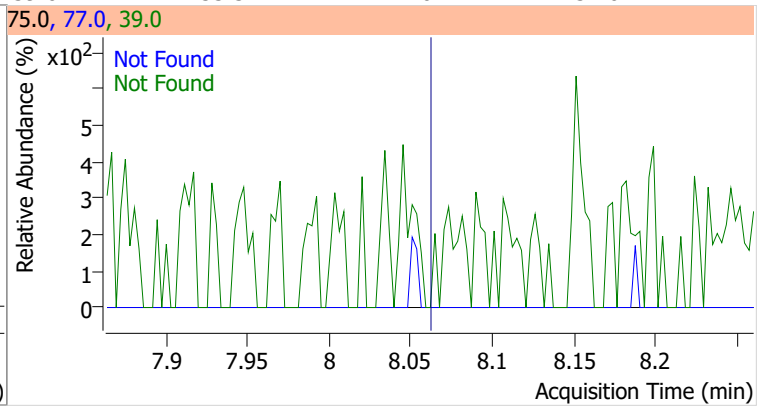
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



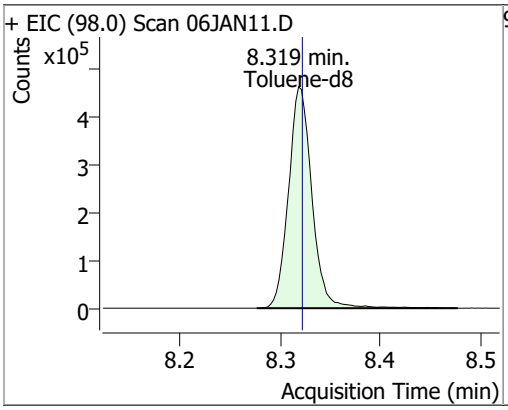


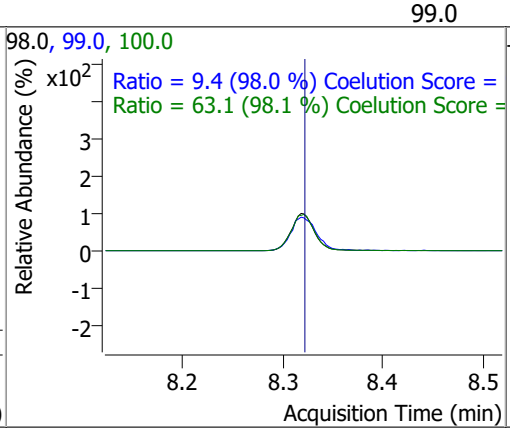
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

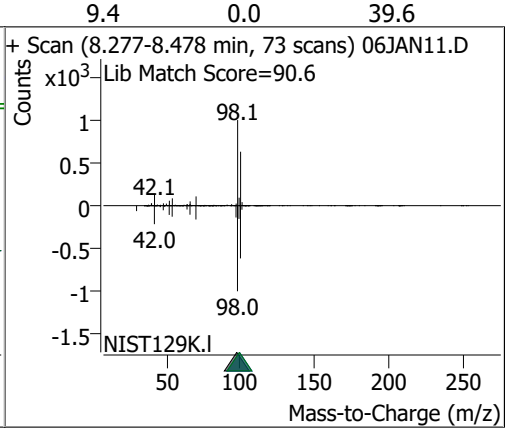




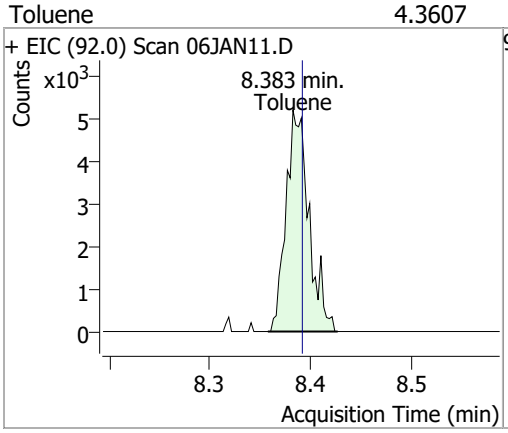
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	268.5016	8.32	0.00	750447	100.0	63.1	34.4	94.4
					99.0	9.4	0.0	39.6

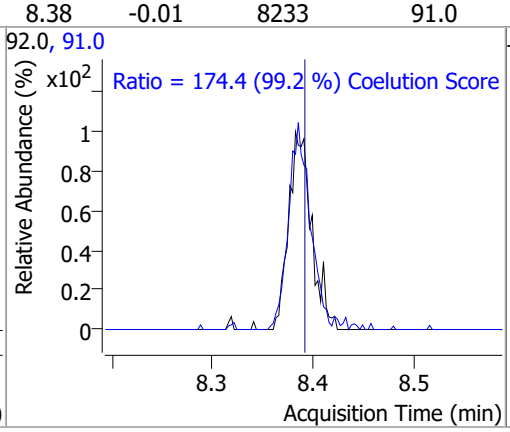


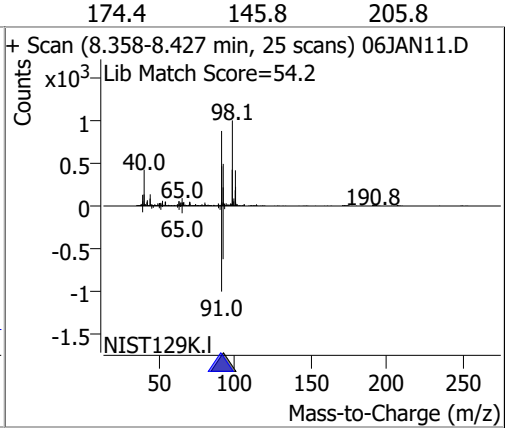




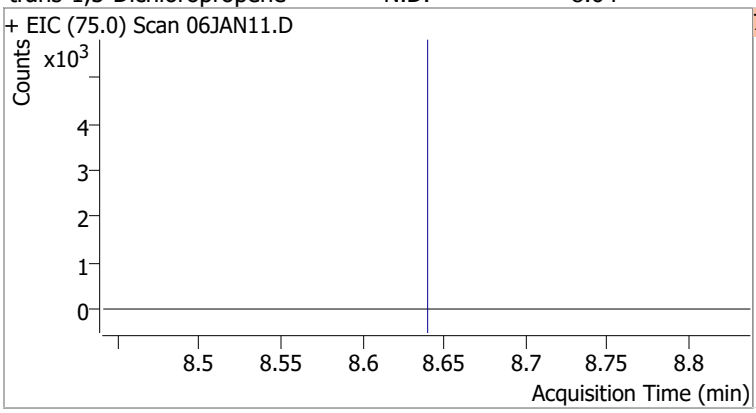
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	4.3607	8.38	-0.01	8233	91.0	174.4	145.8	205.8

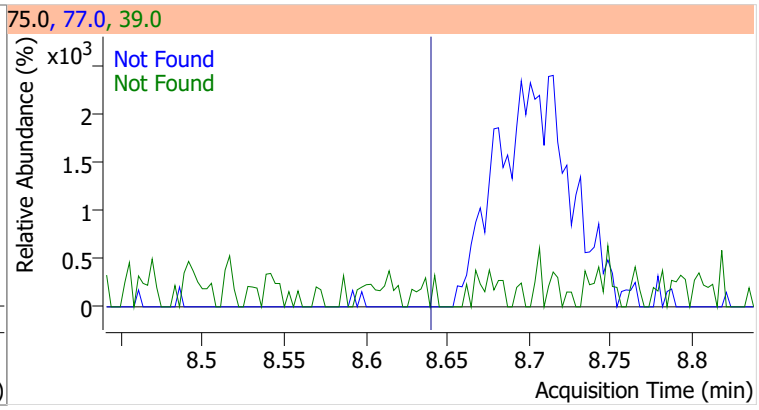




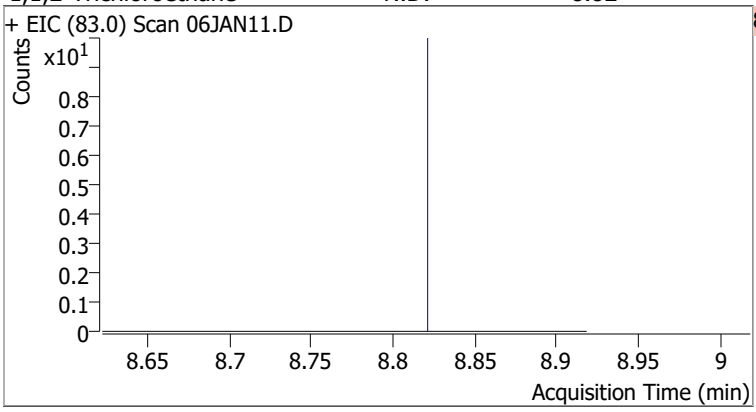


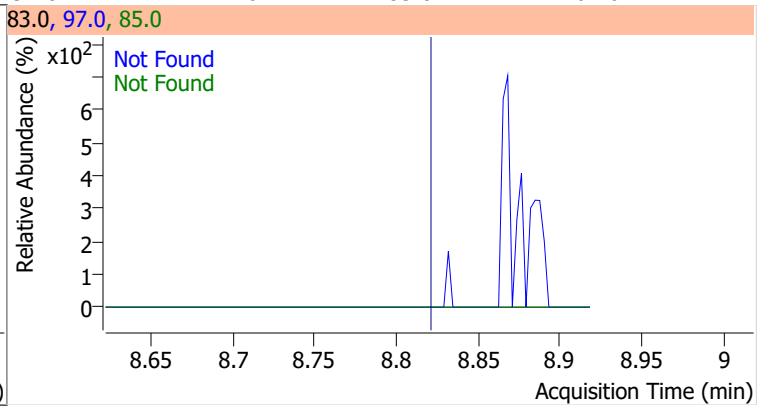
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



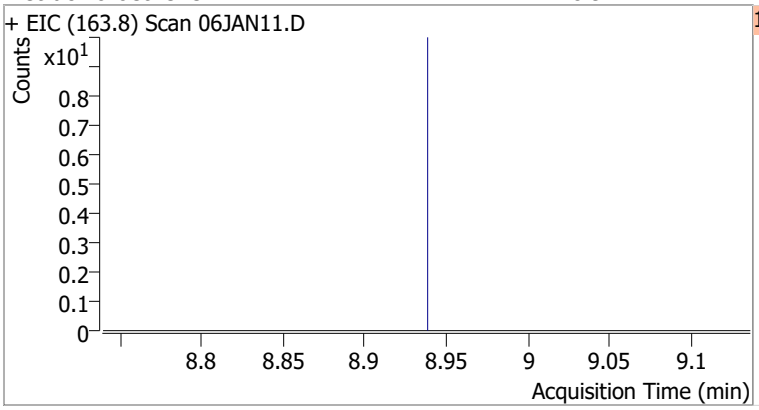


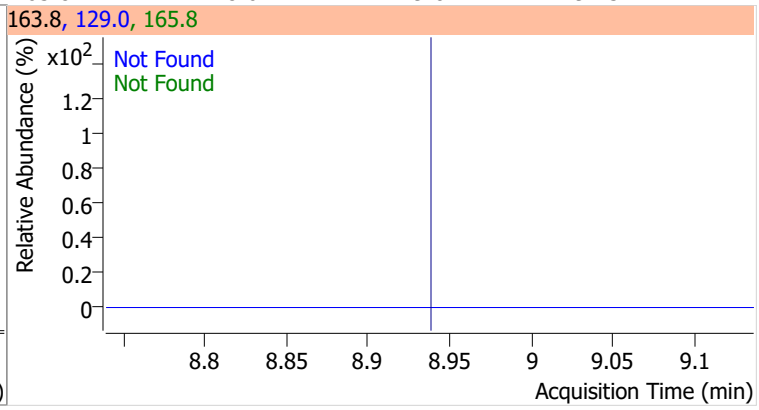
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



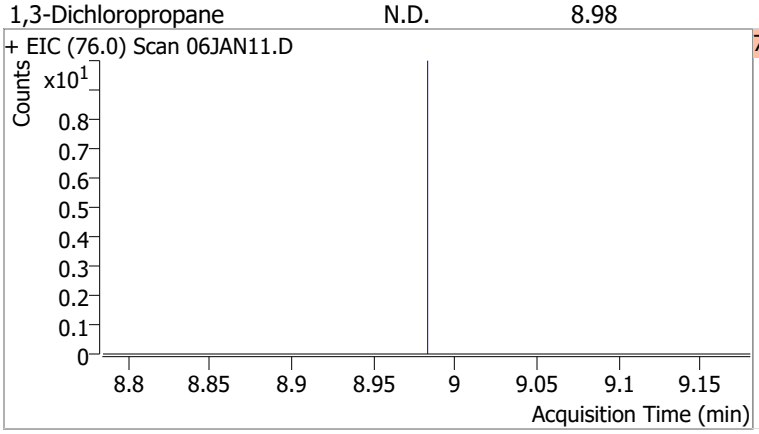


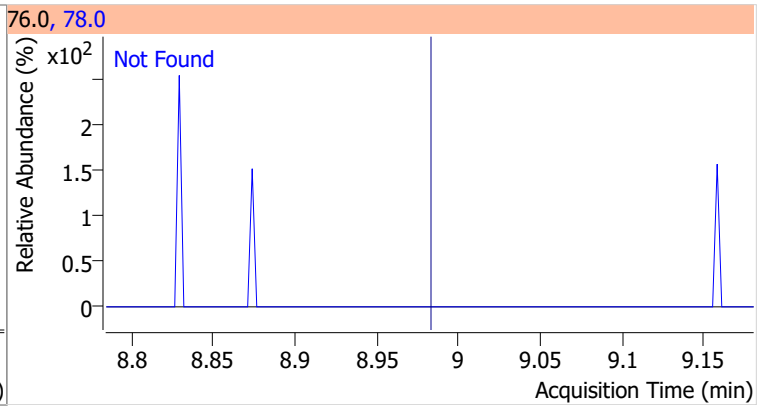
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



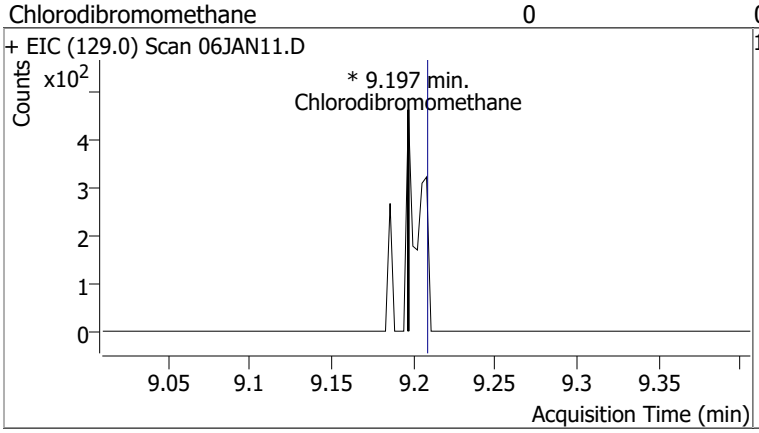


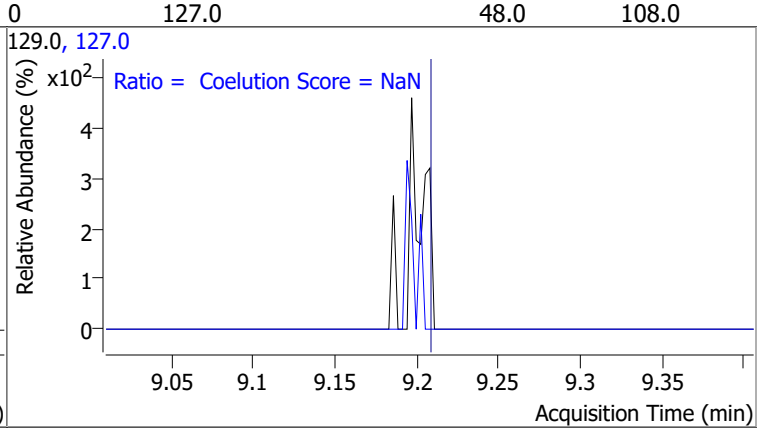
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



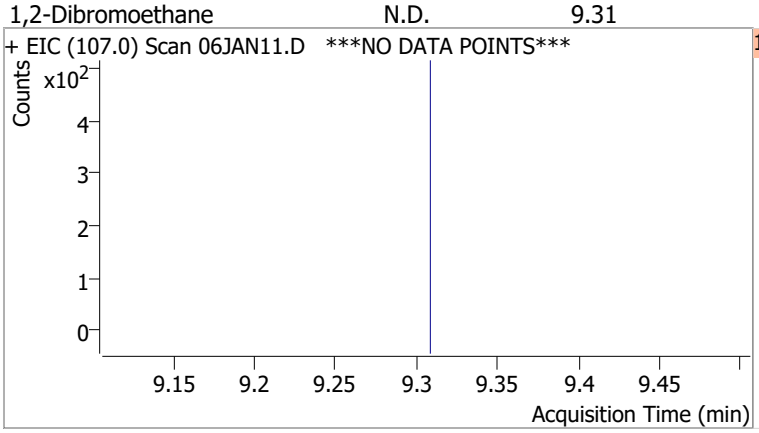


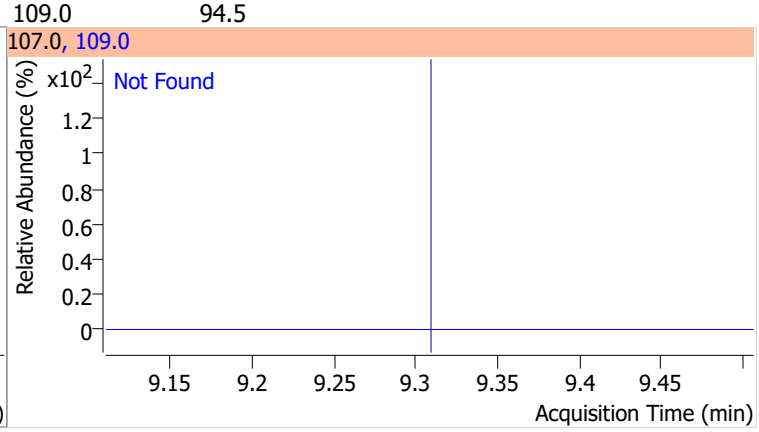
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane		0		0	127.0		48.0	108.0



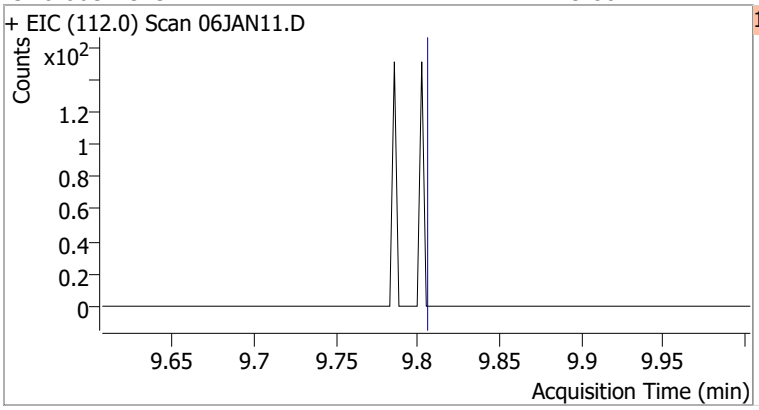


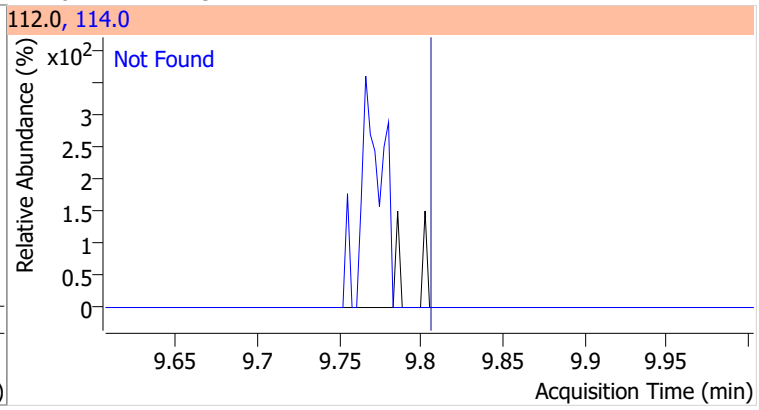
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



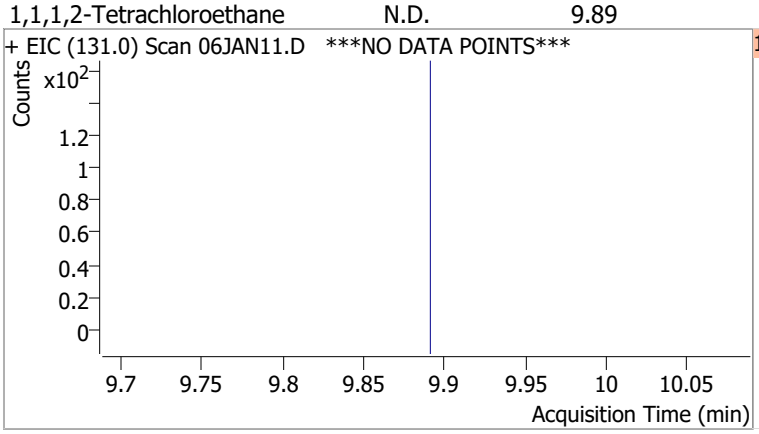


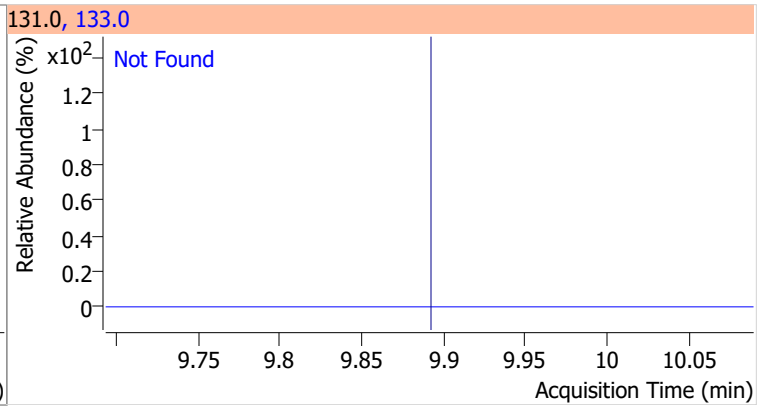
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



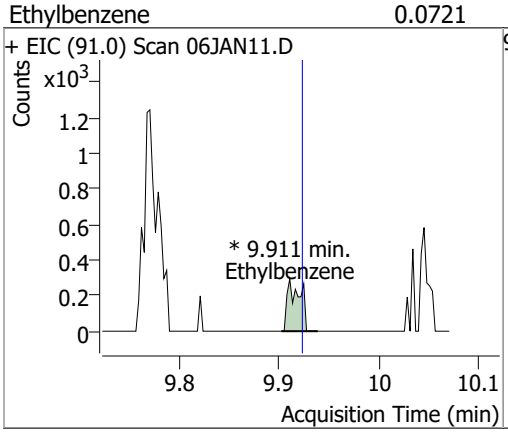


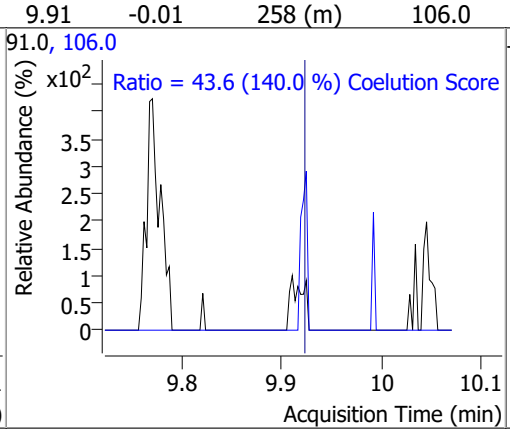
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6

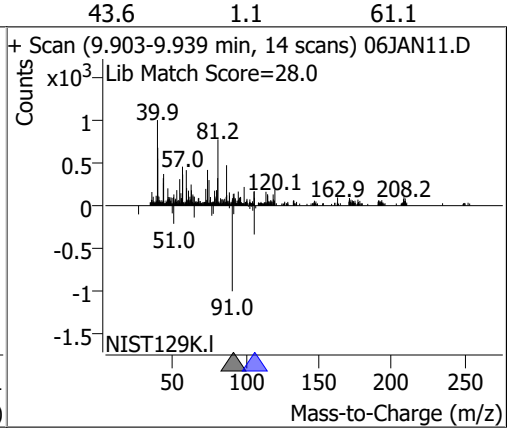




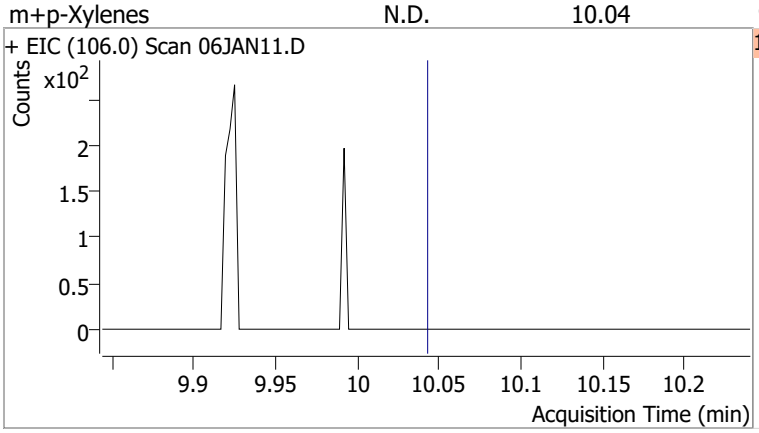
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.0721	9.91	-0.01	258 (m)	106.0	43.6	1.1	61.1

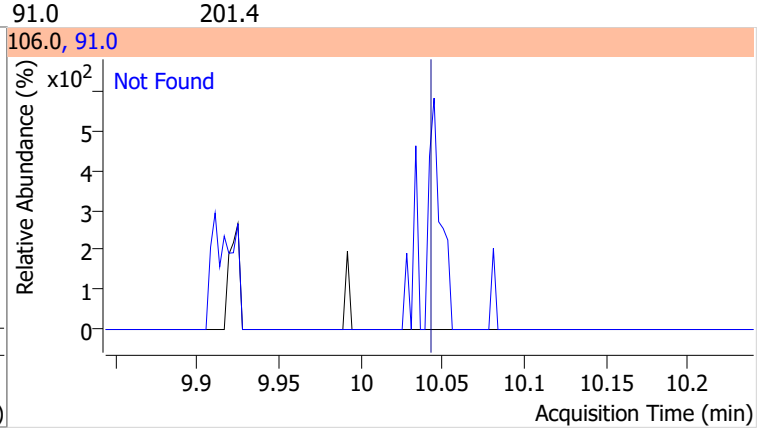




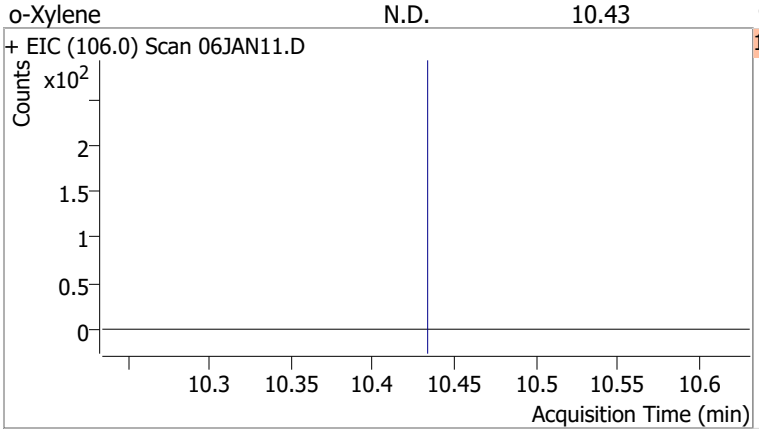


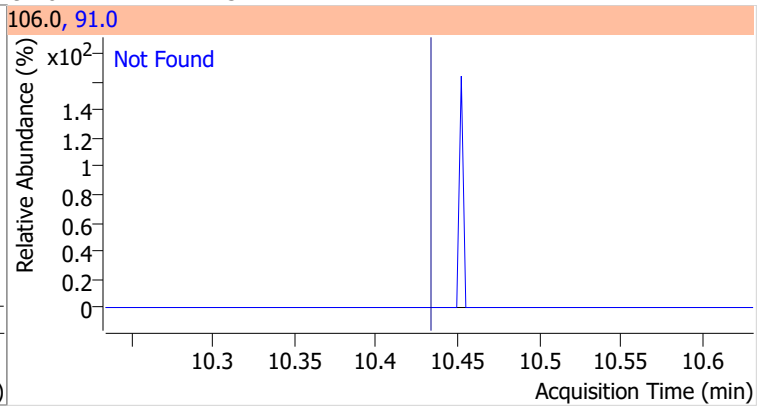
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



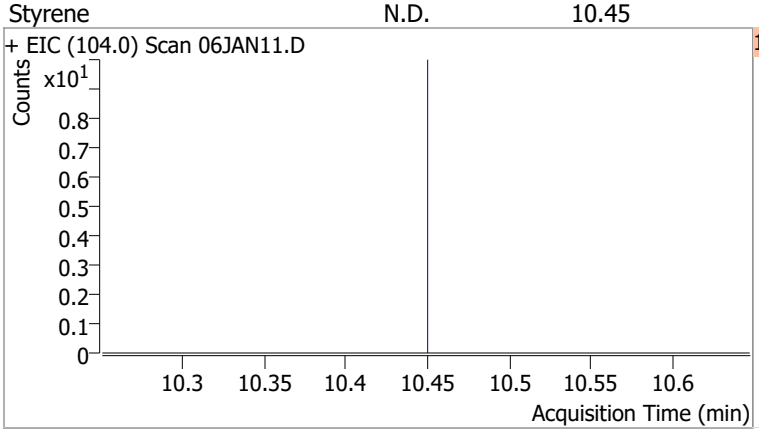


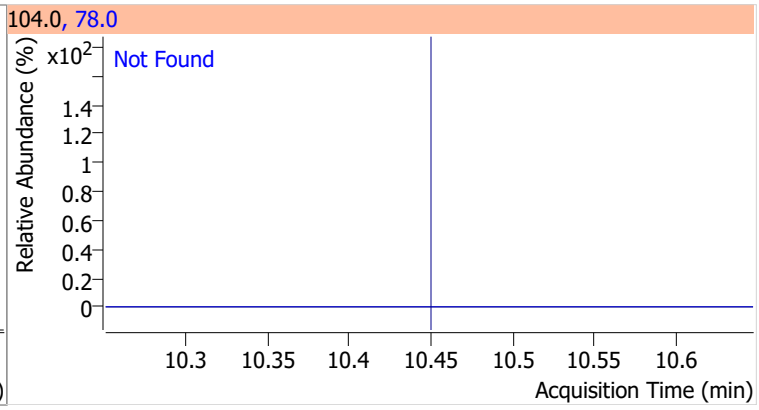
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



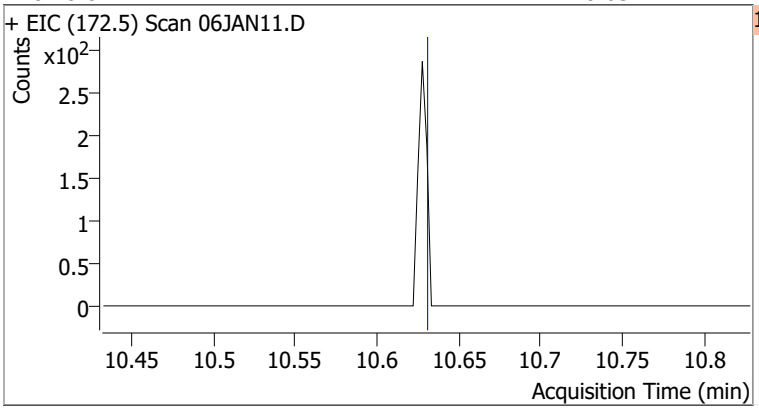


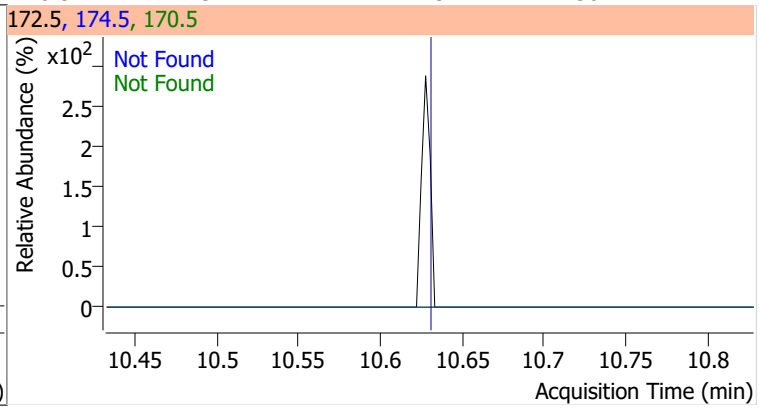
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



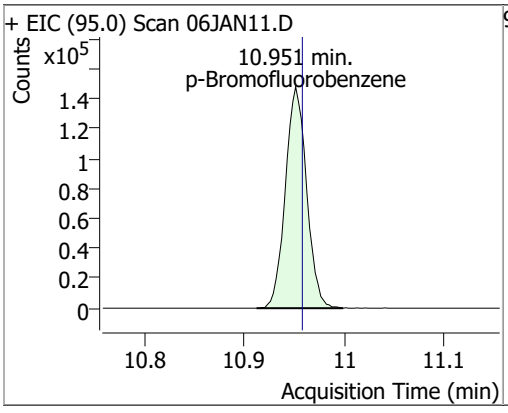


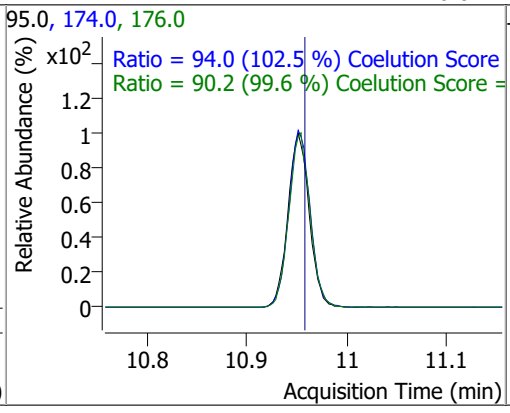
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

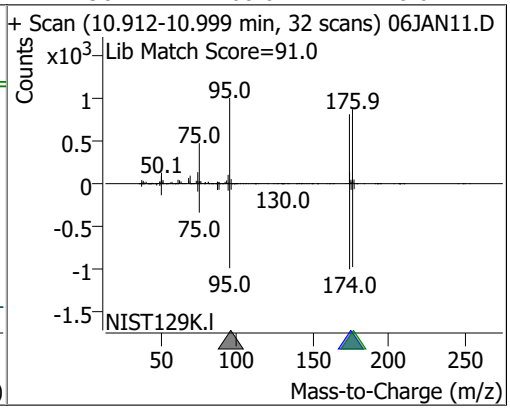




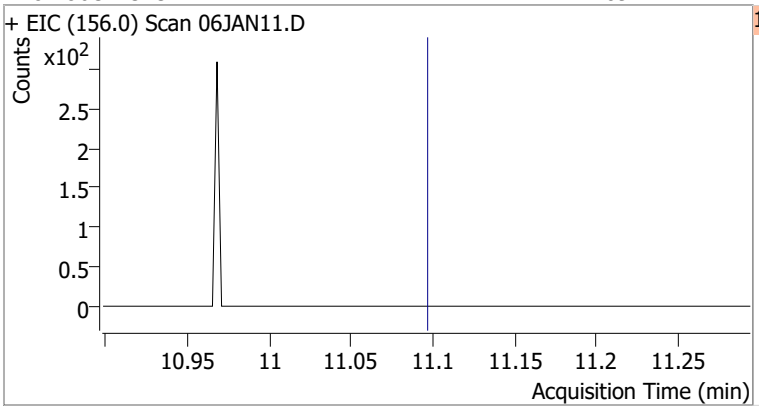
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	270.6766	10.95	0.00	217797	174.0	94.0	61.7	121.7
					176.0	90.2	60.6	120.6

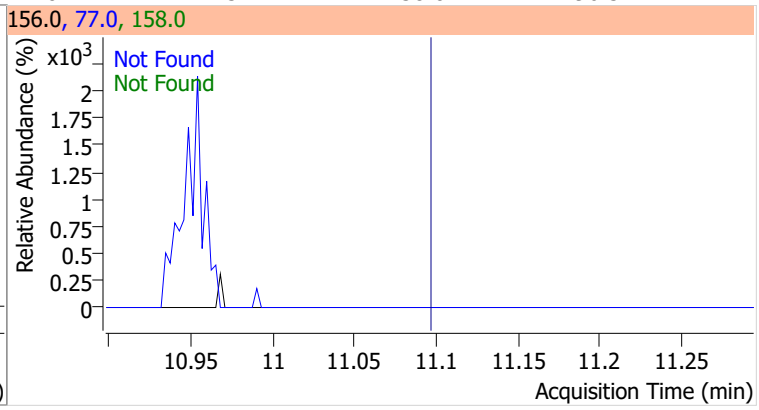




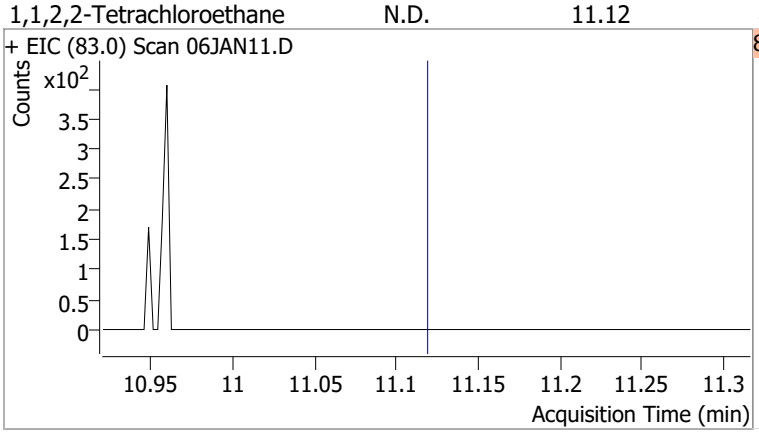


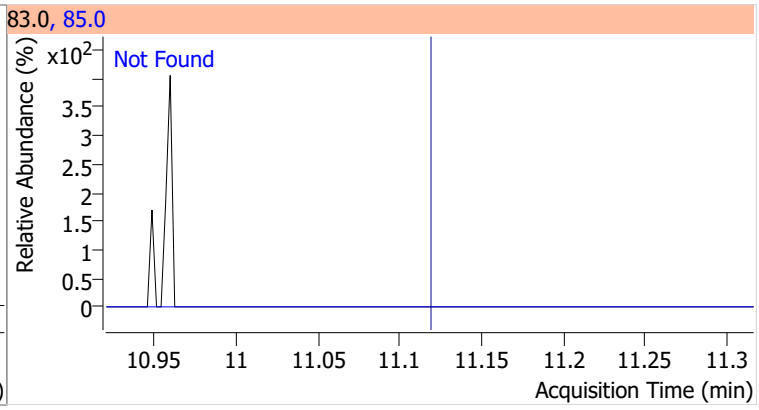
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



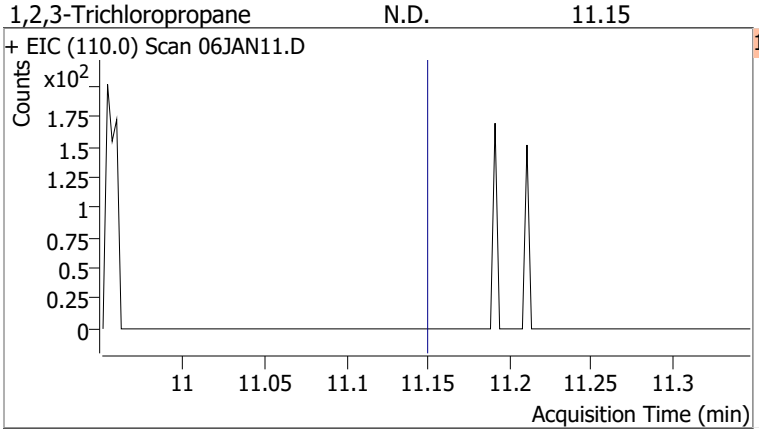


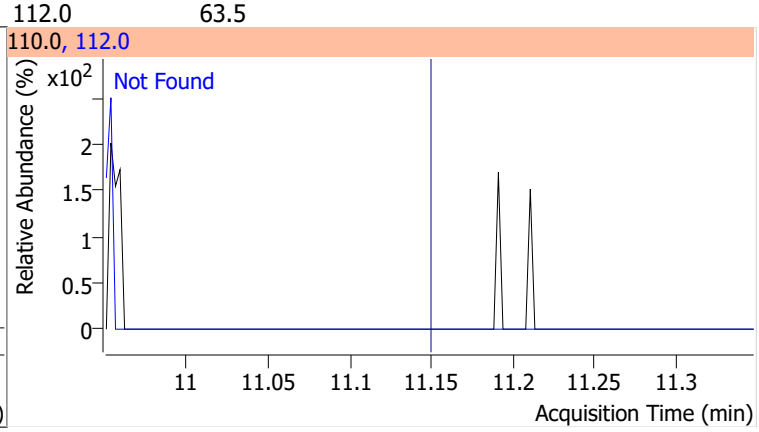
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



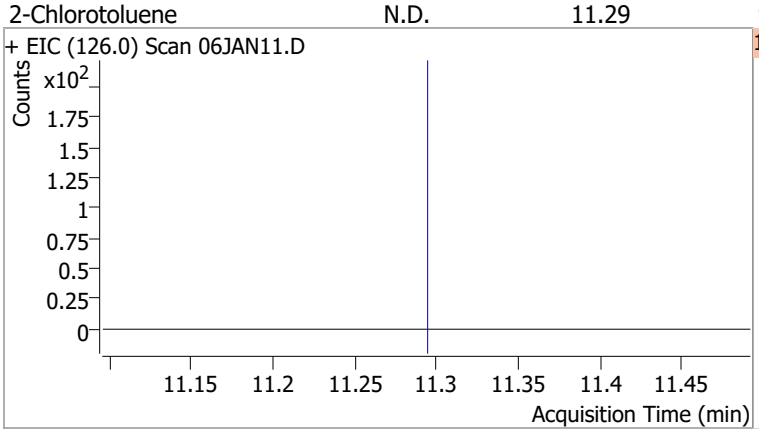


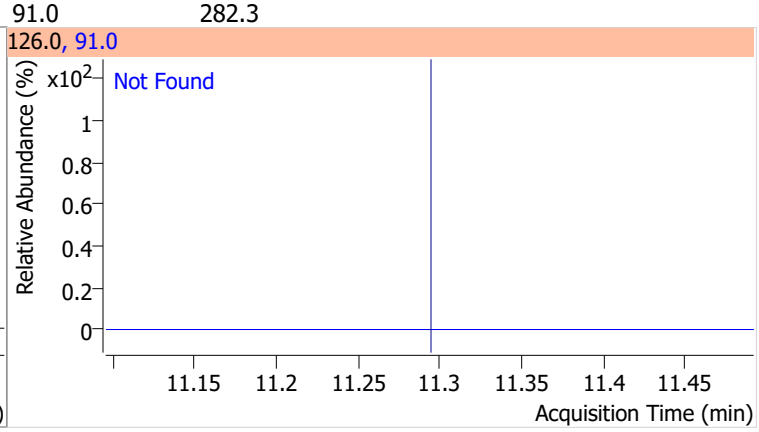
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



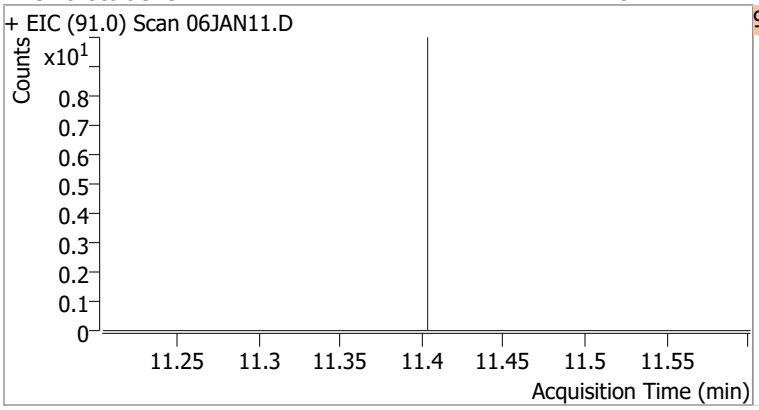


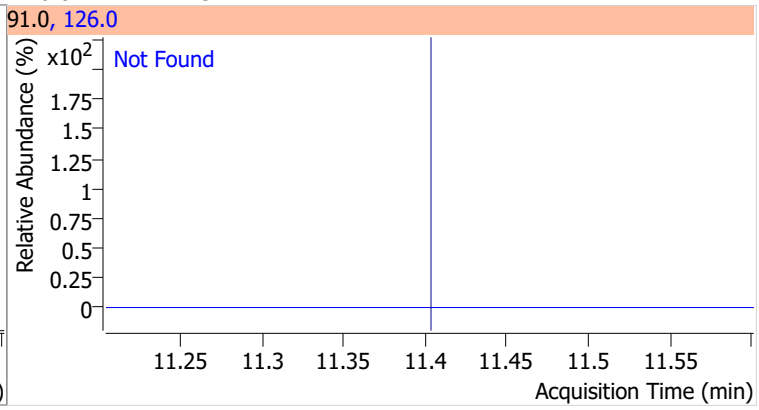
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



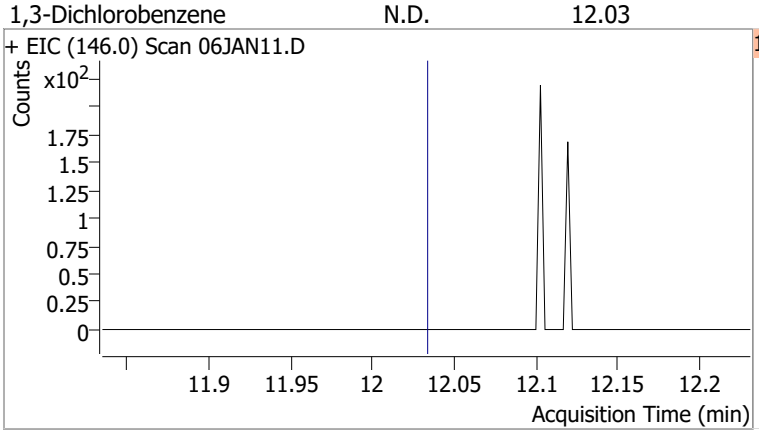


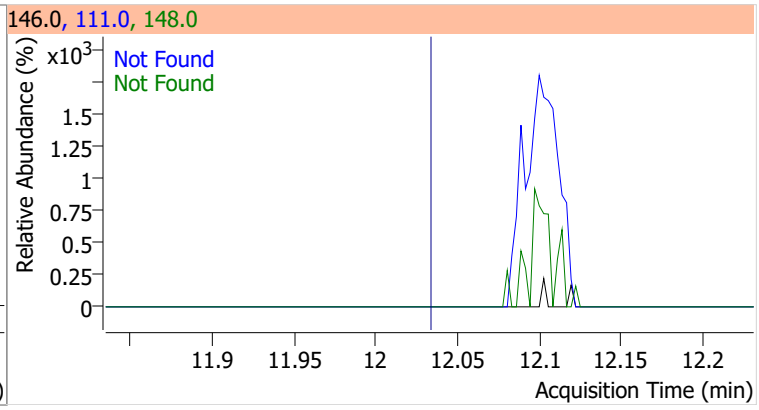
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



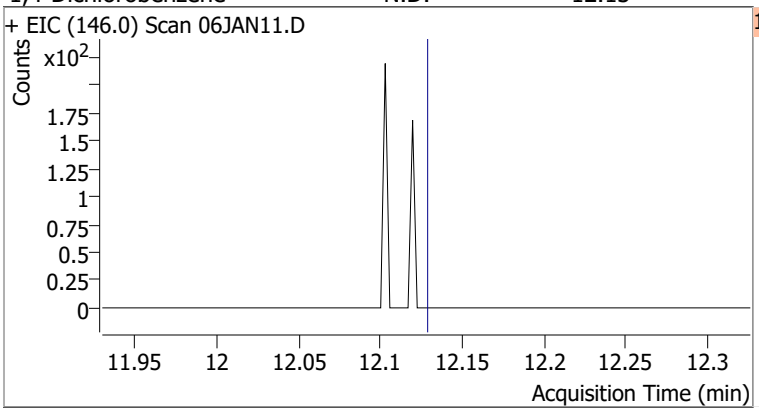


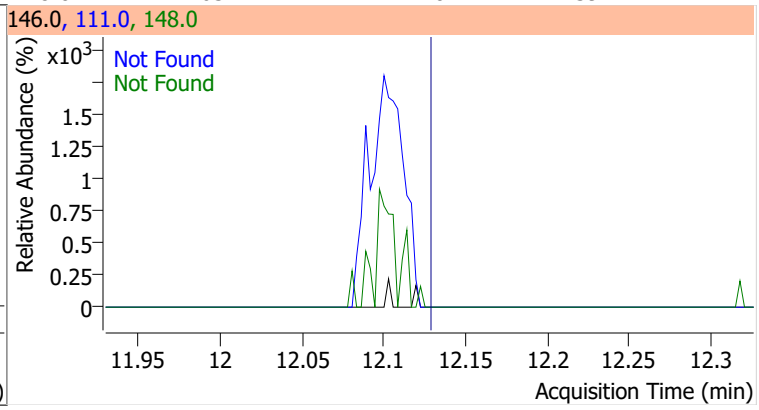
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



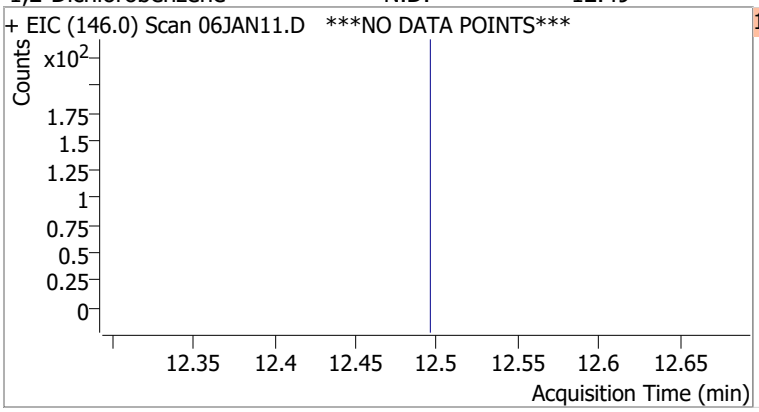


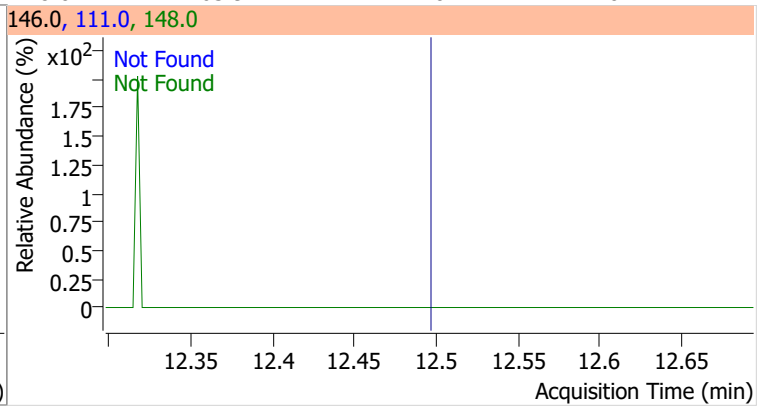
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





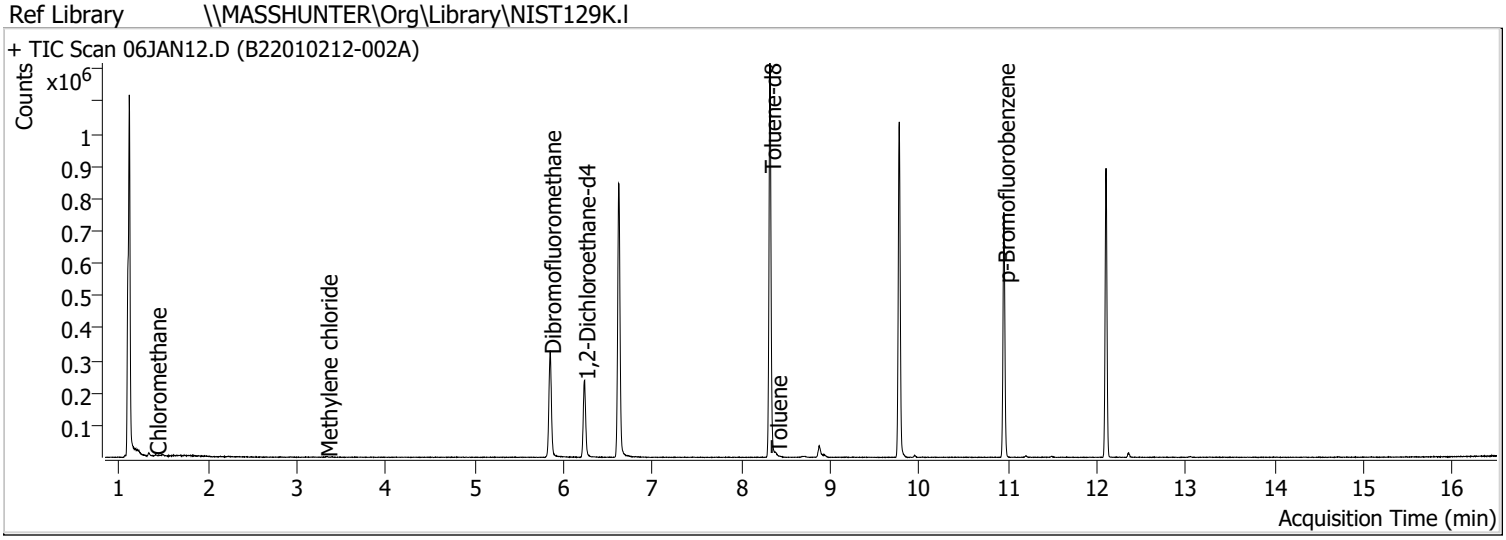
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN12.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 2:55:13 PM
Sample Name	B22010212-002A	Instrument	VOA5975C
Vial	12	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

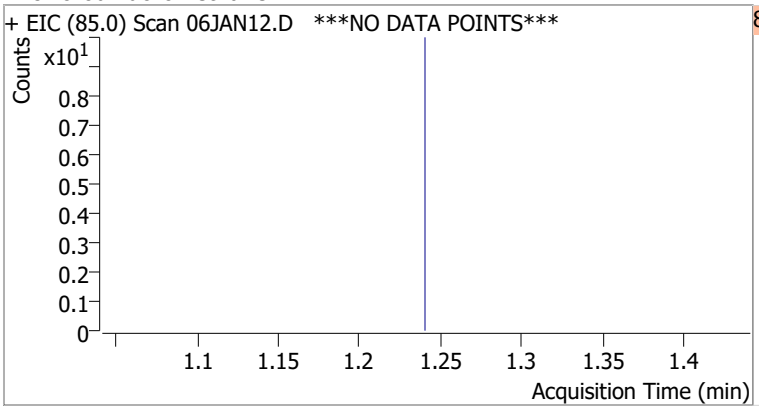


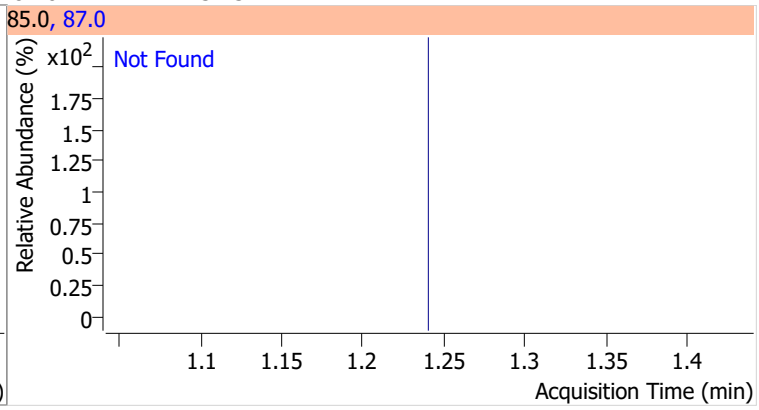
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	721573	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	282313	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	212263	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	193070	284.0121	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 113.60%			
S 1,2-Dichloroethane-d4	6.233	67.0	84903	289.1571	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 115.66%			
S Toluene-d8	8.322	98.0	728902	267.9282	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.17%			
S p-Bromofluorobenzene	10.951	95.0	212377	273.1087	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 109.24%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.409	50.0	2649	2.3081	ng		95
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.330	49.0	1198	1.1177	ng	m	84
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.650	83.0	0		ng	md	1

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.389	92.0	2525	1.3740	ng		80
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.037	106.0	0		ng	md	1
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

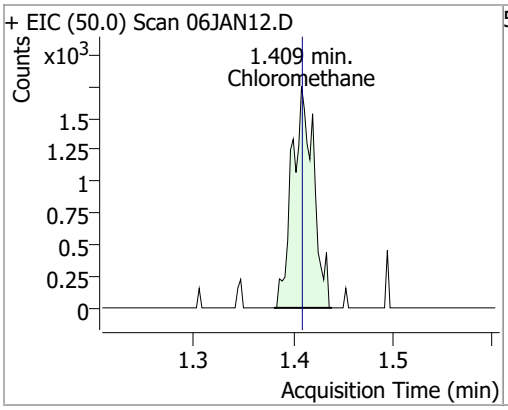
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

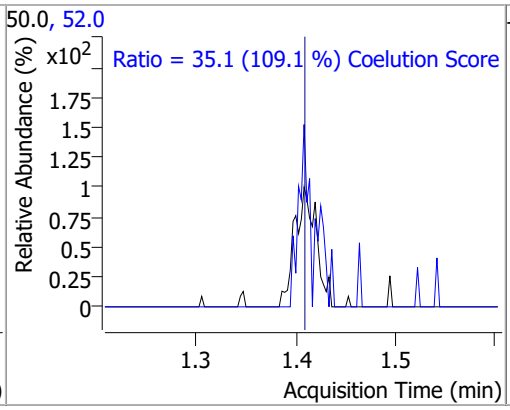
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

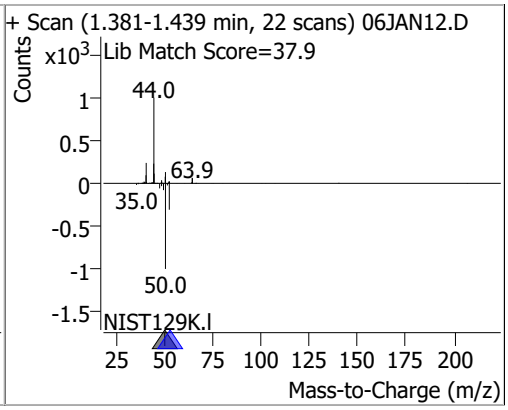




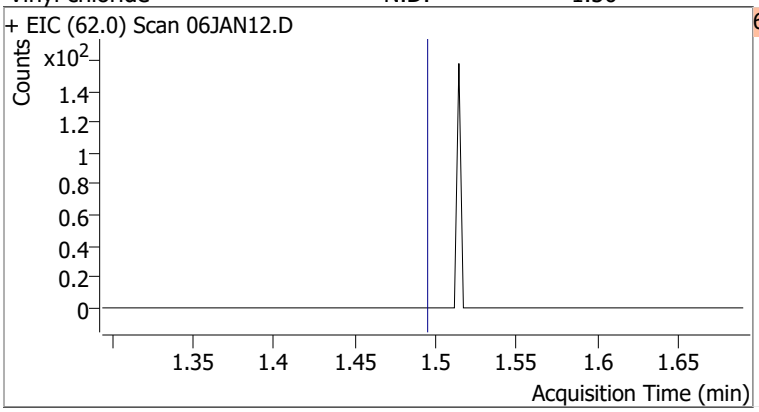
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	2.3081	1.41	0.00	2649	52.0	35.1	2.1	62.1

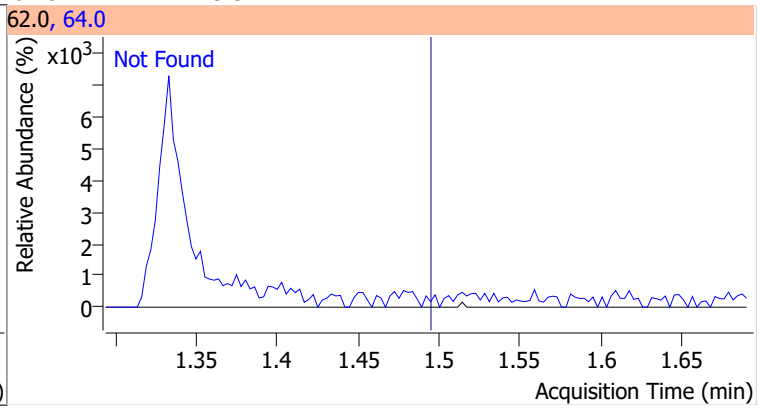




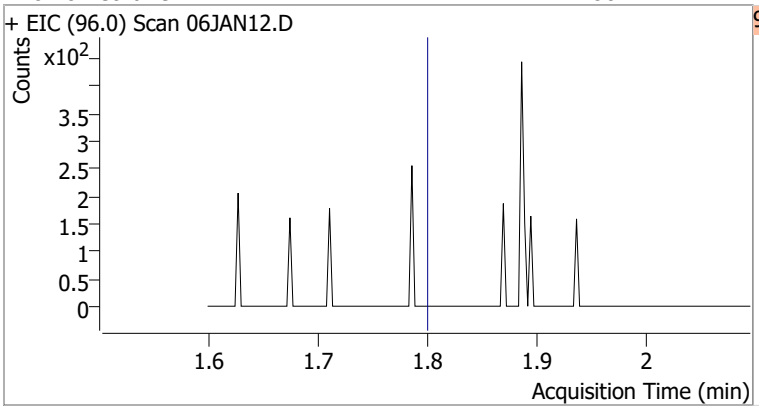


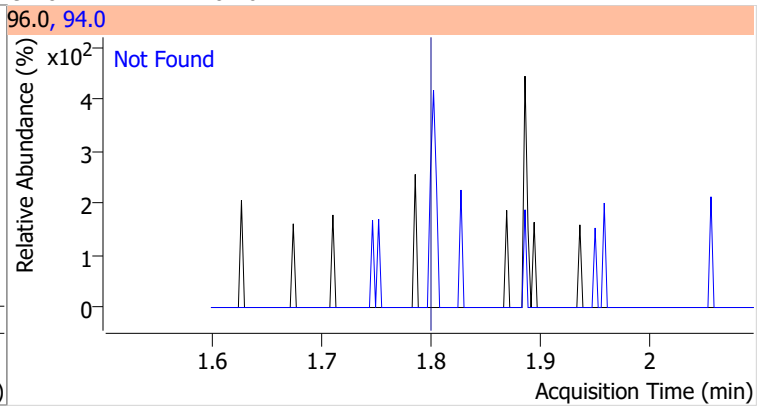
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



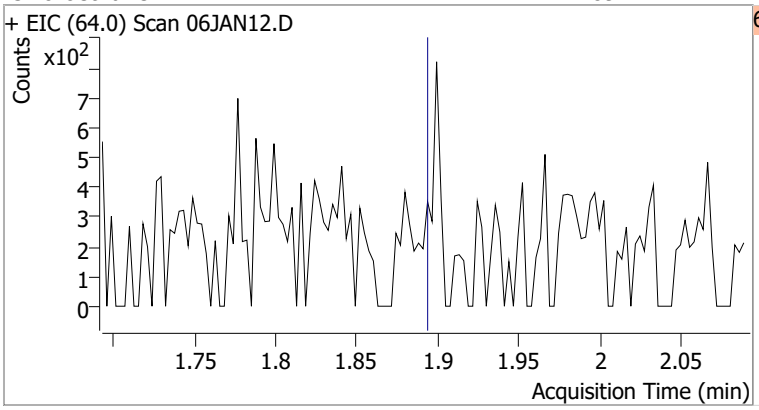


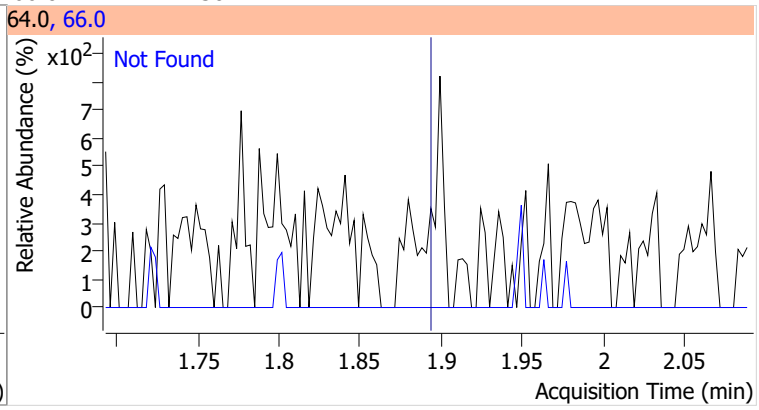
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



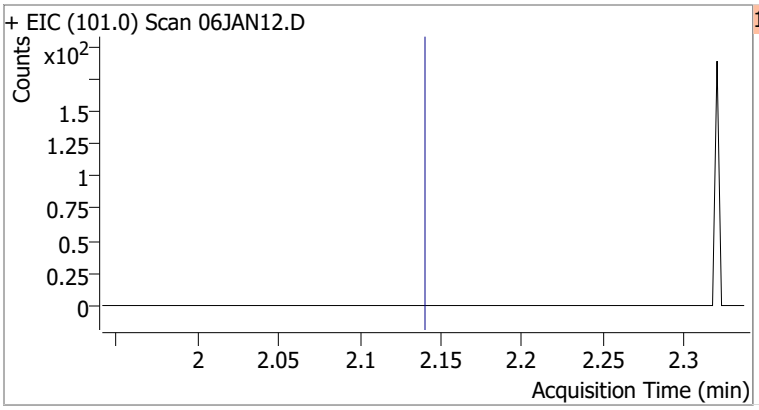


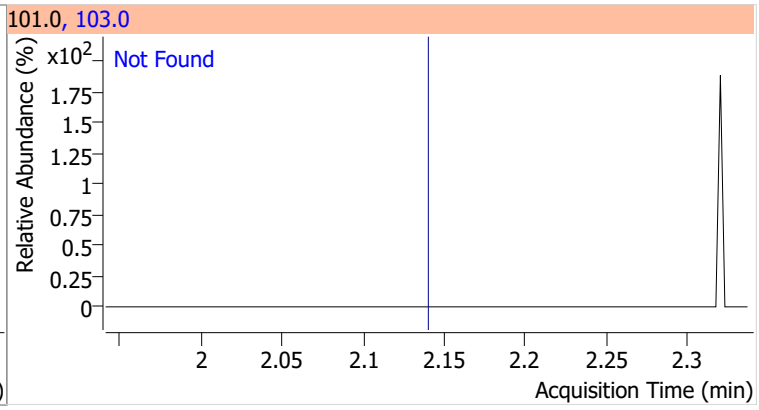
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



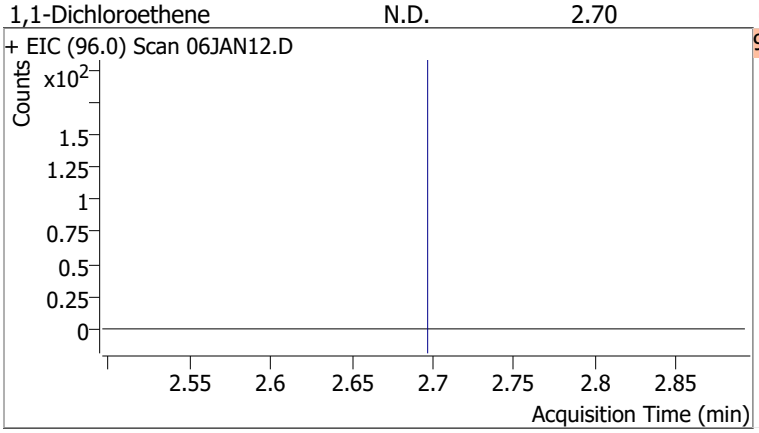


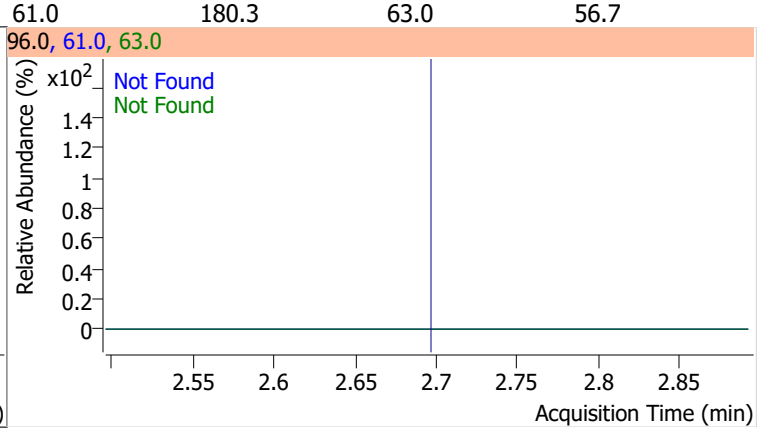
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



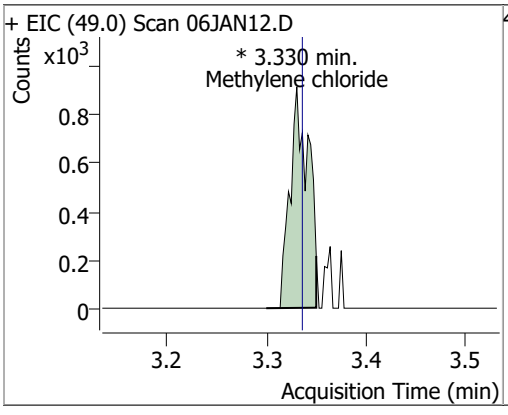


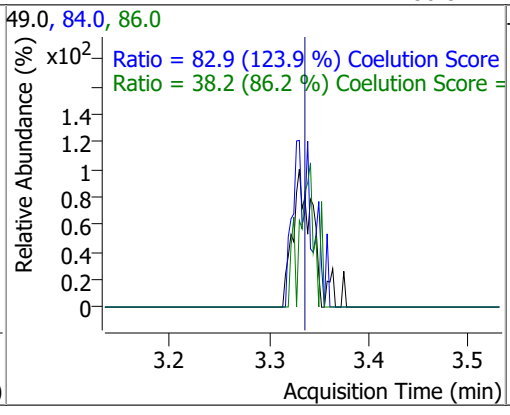
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

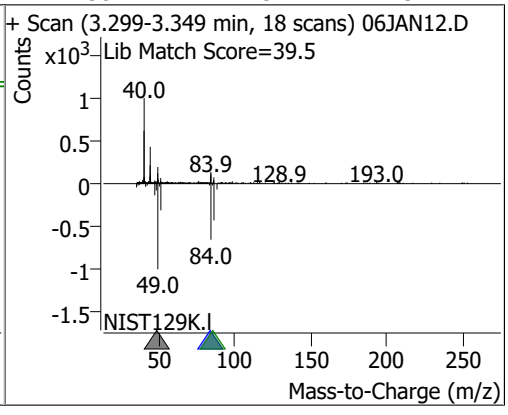




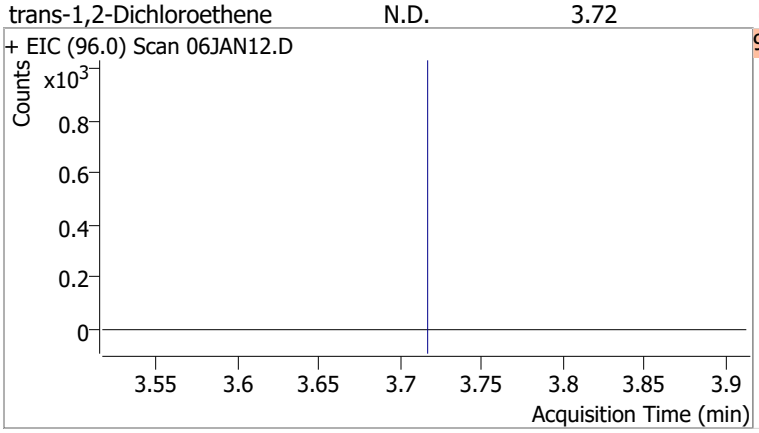
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.1177	3.33	-0.01	1198 (m)	84.0	82.9	36.9	96.9
					86.0	38.2	14.3	74.3

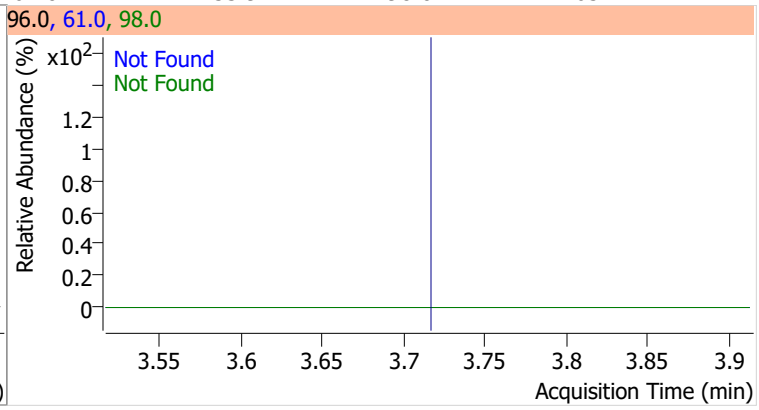




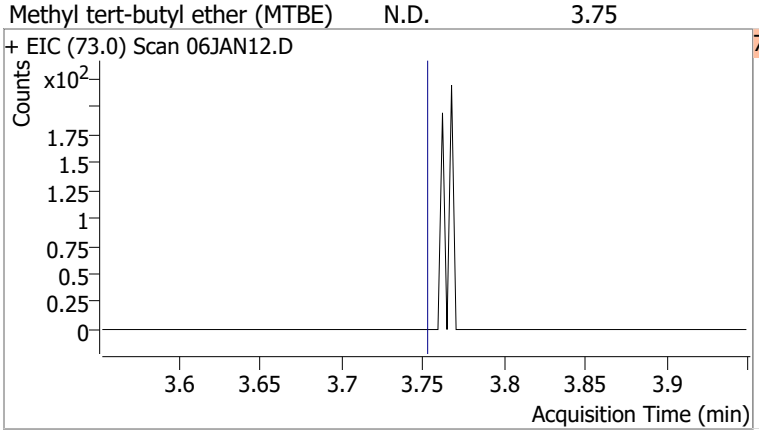


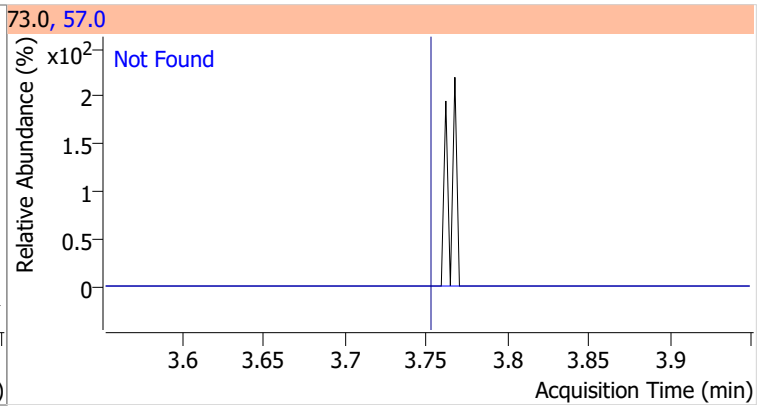
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



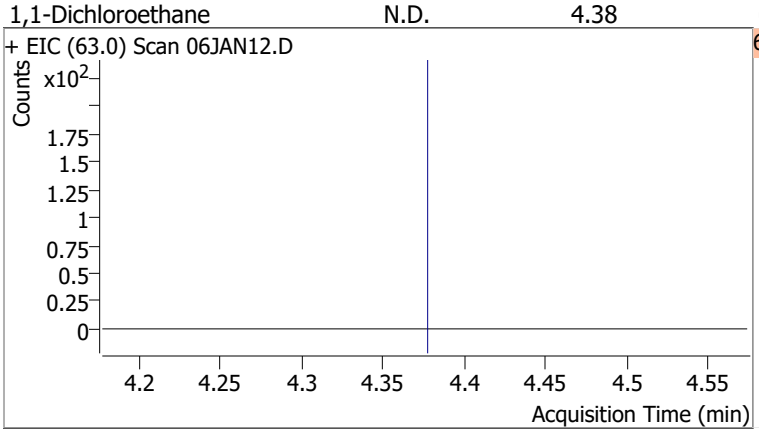


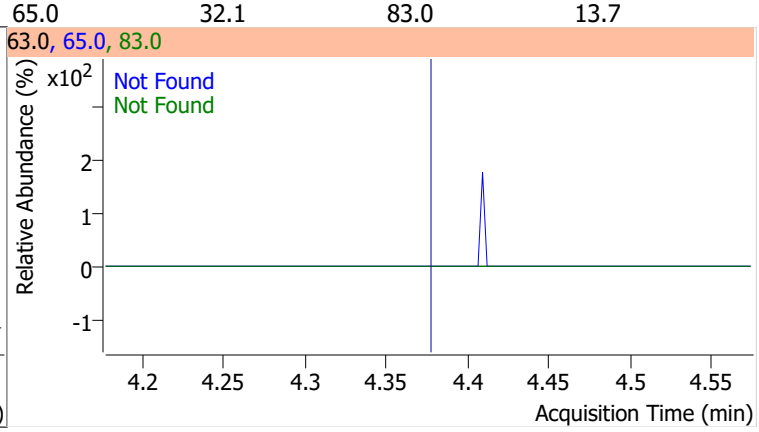
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



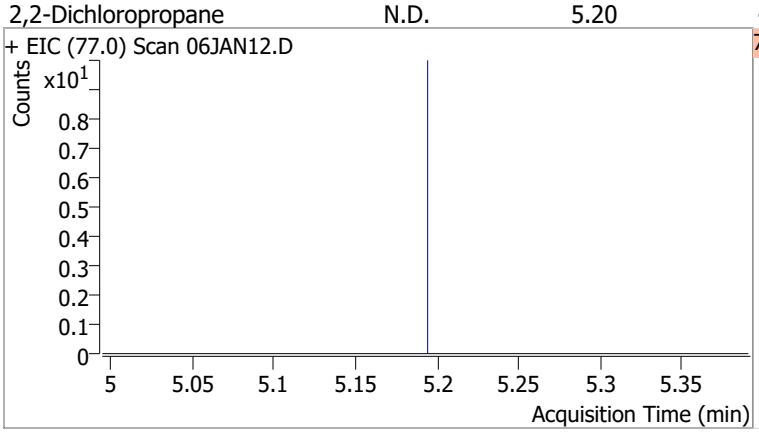


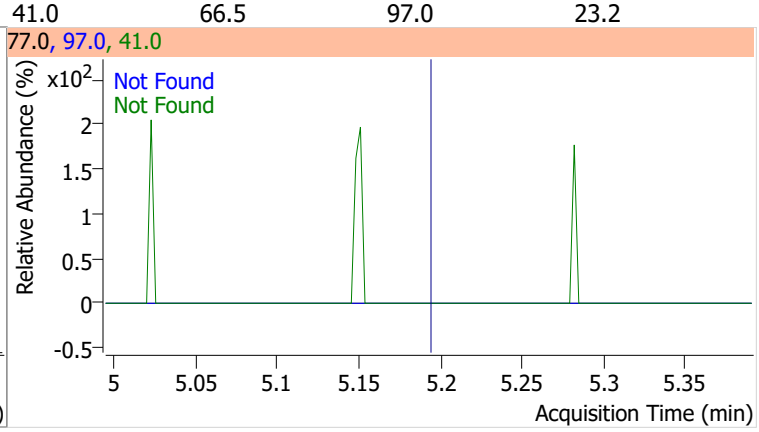
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



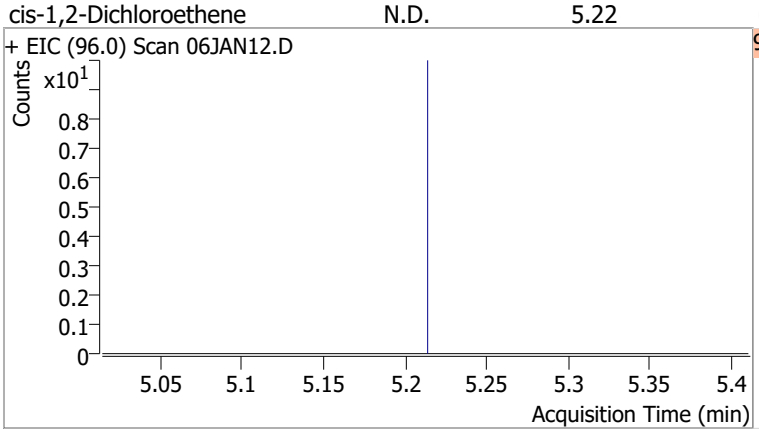


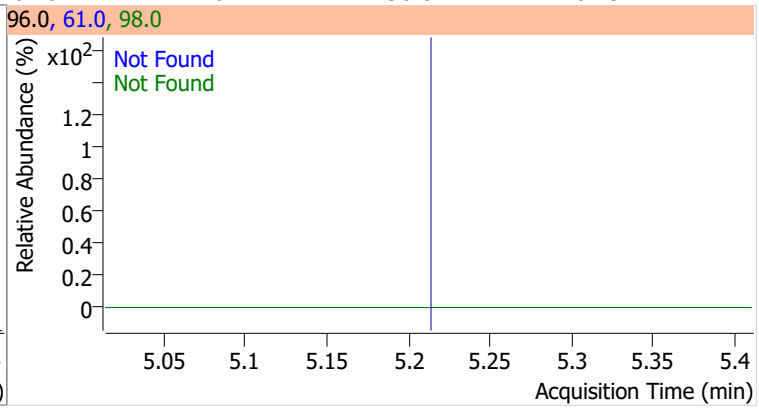
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



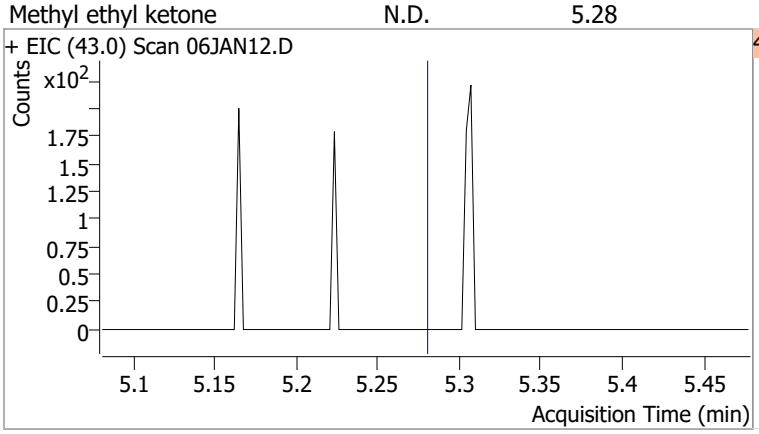


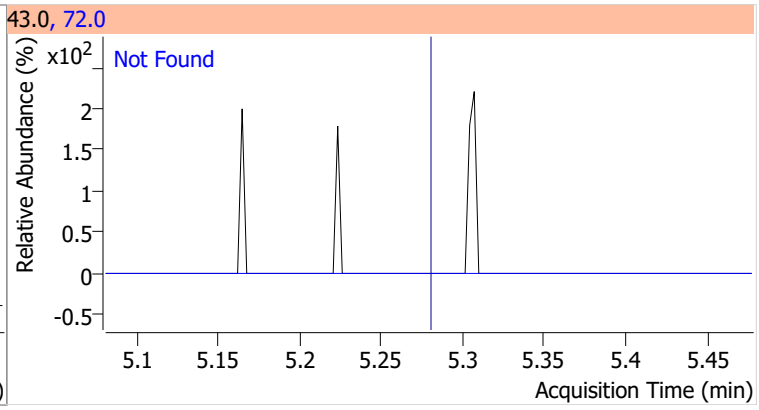
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



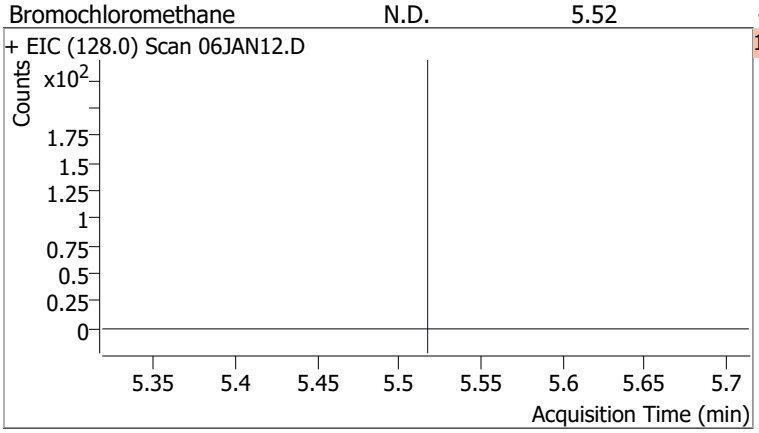


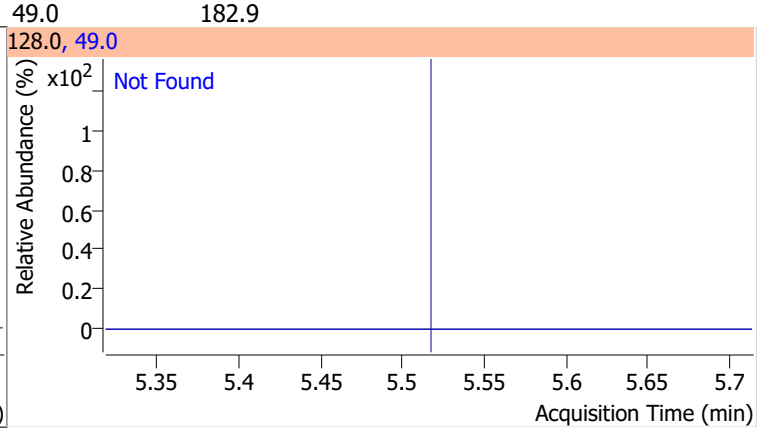
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



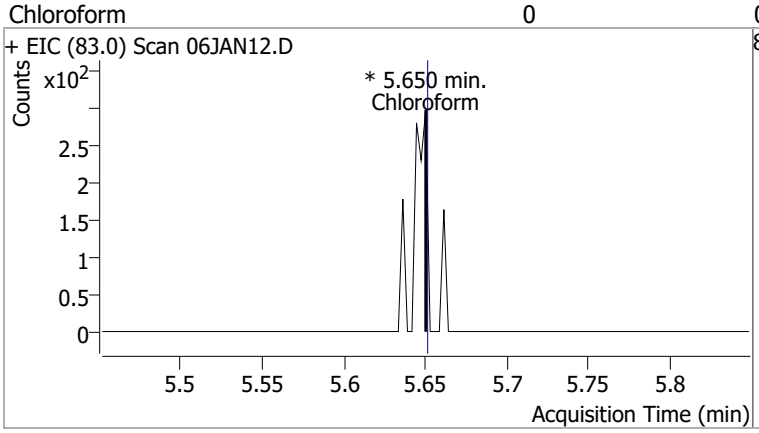


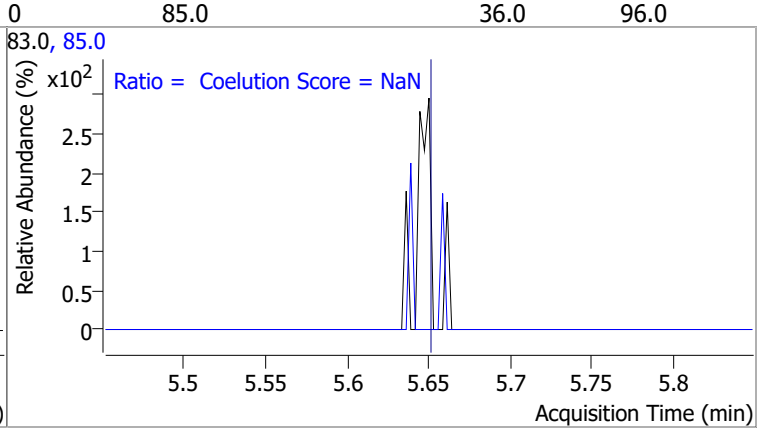
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



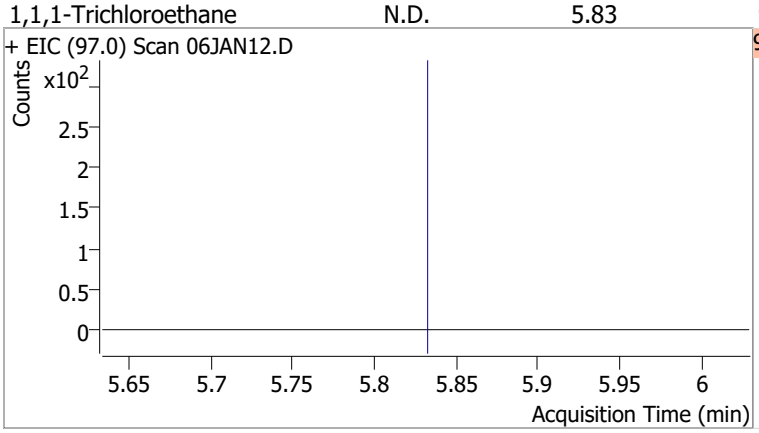


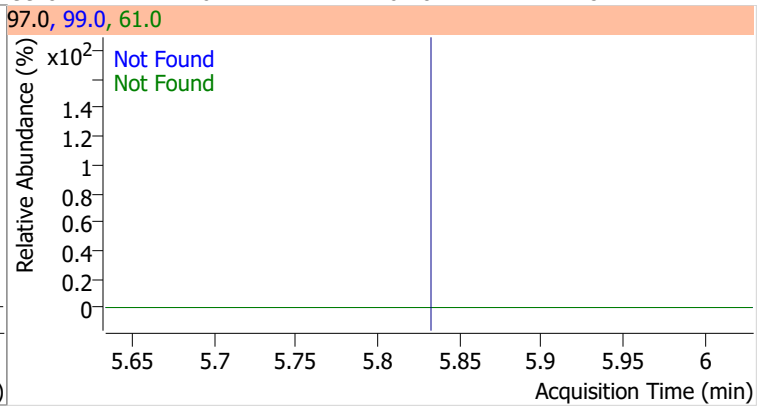
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform		0		0	85.0		36.0	96.0



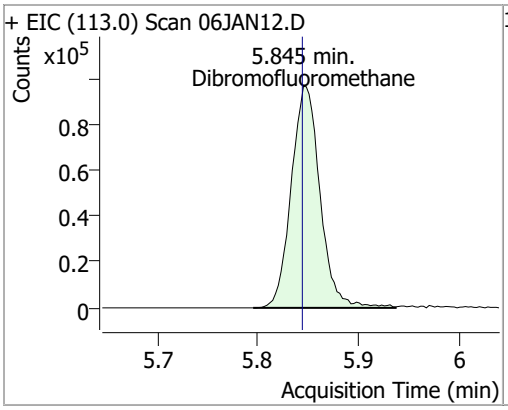


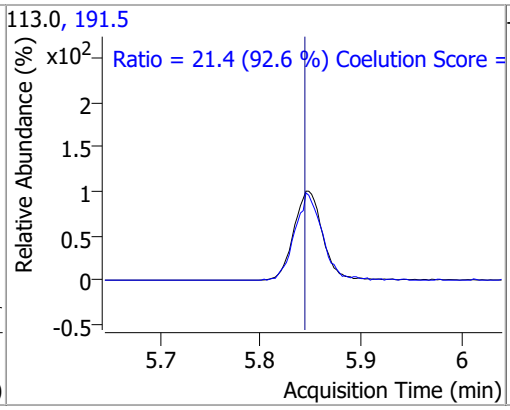
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

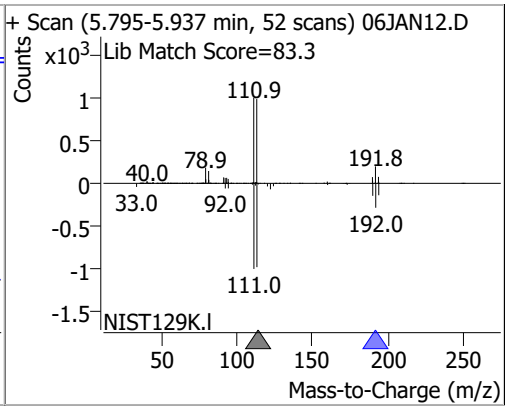




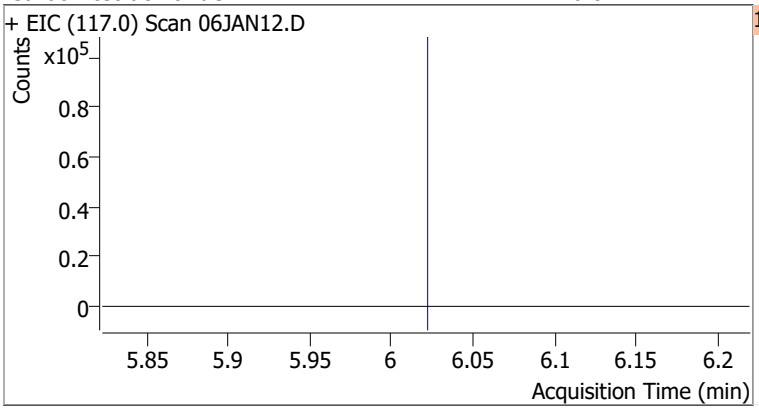
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	284.0121	5.85	0.00	193070	191.5	21.4	0.0	53.1

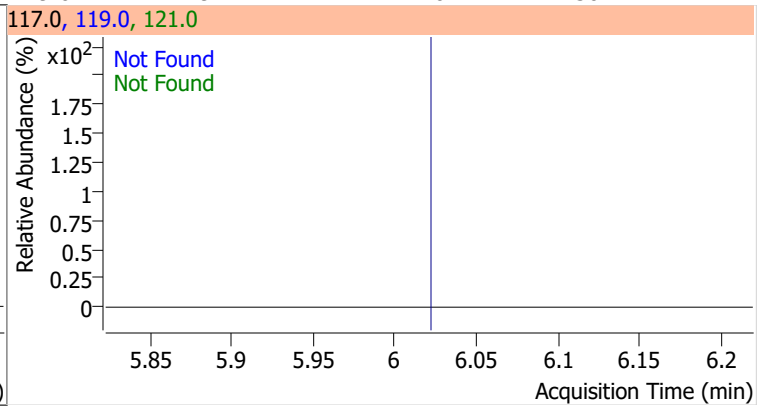




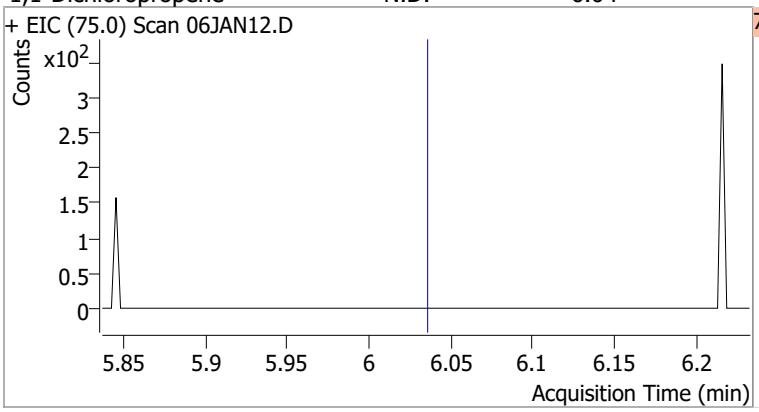


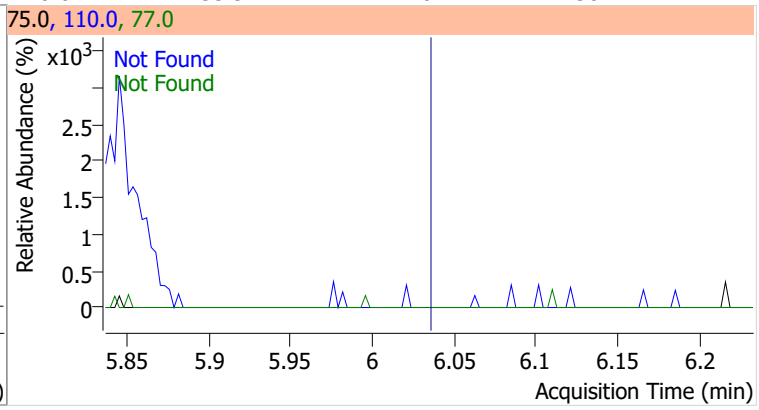
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



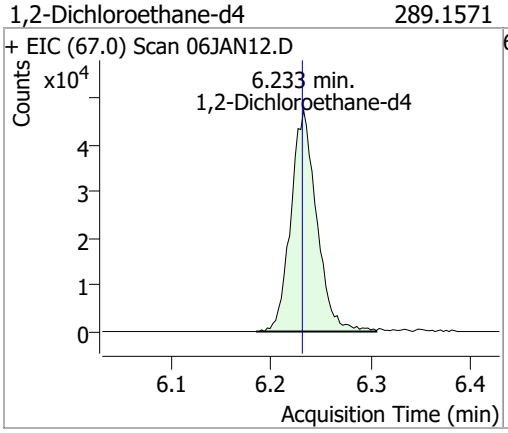


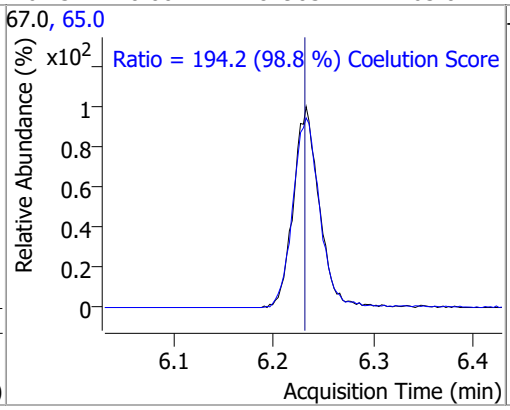
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

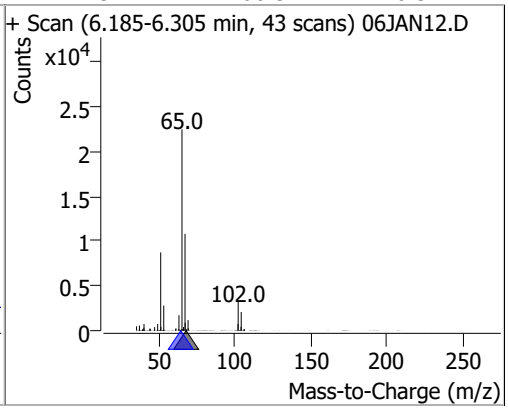




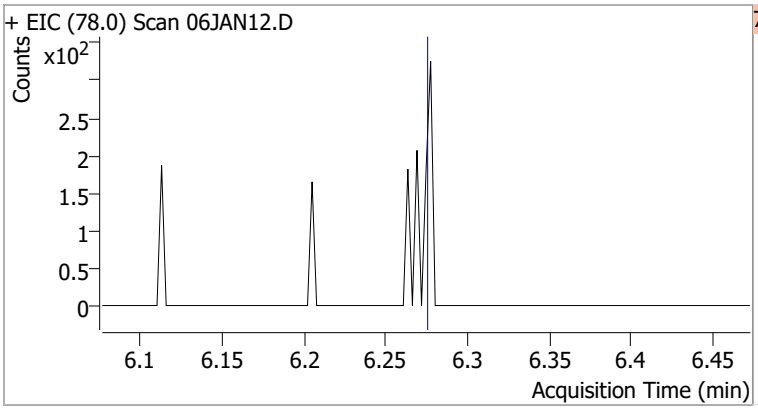
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	289.1571	6.23	0.00	84903	65.0	194.2	166.5	226.5

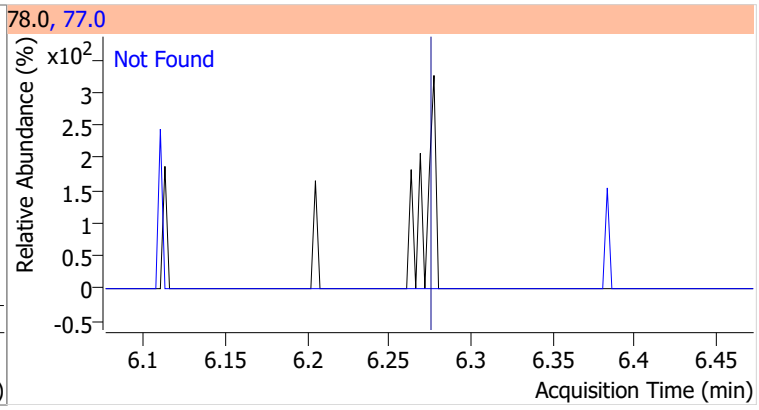




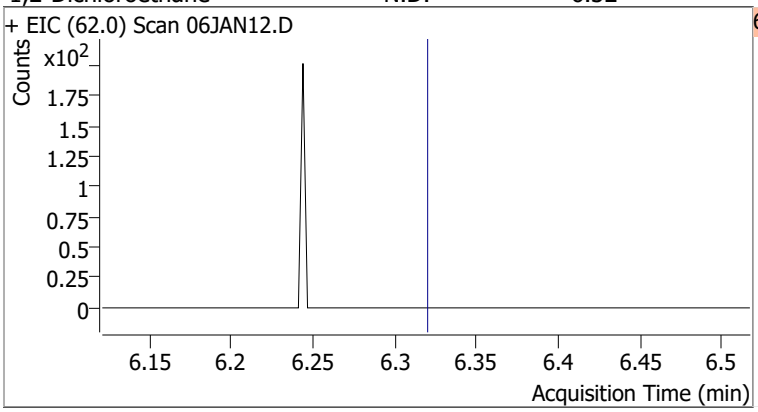


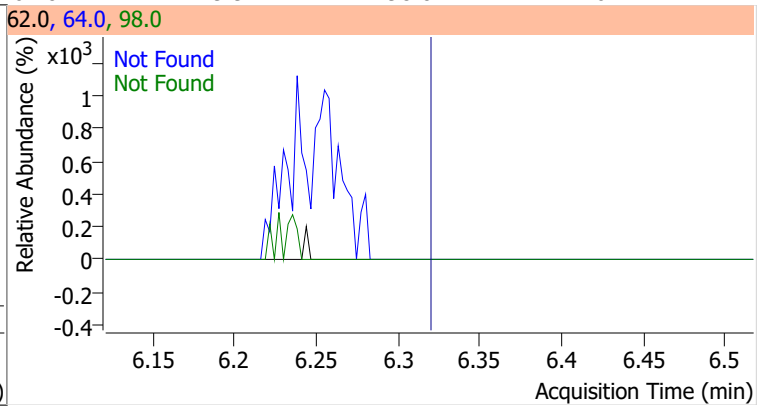
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



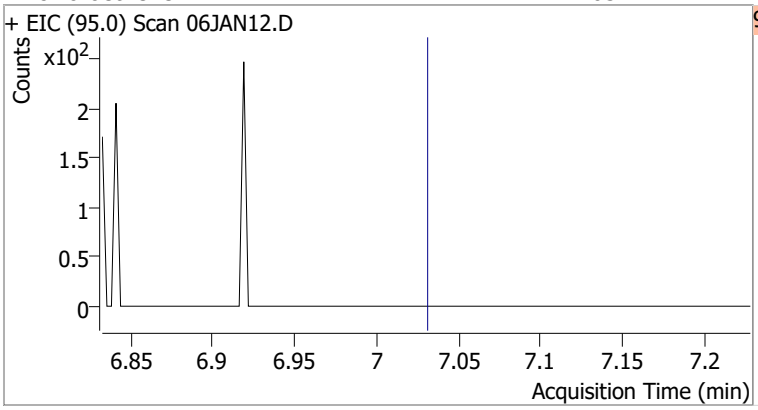


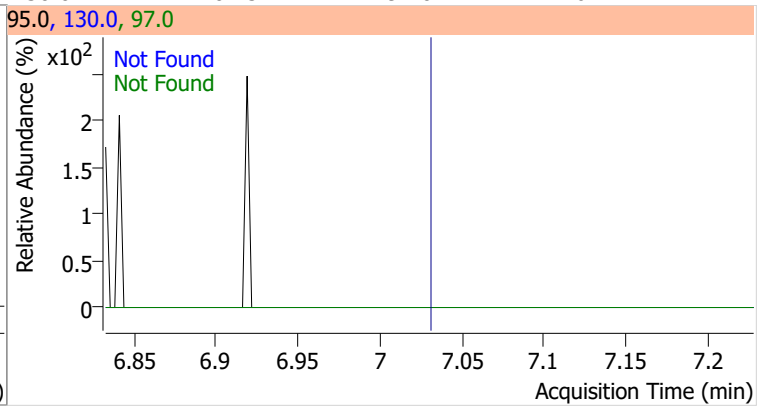
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



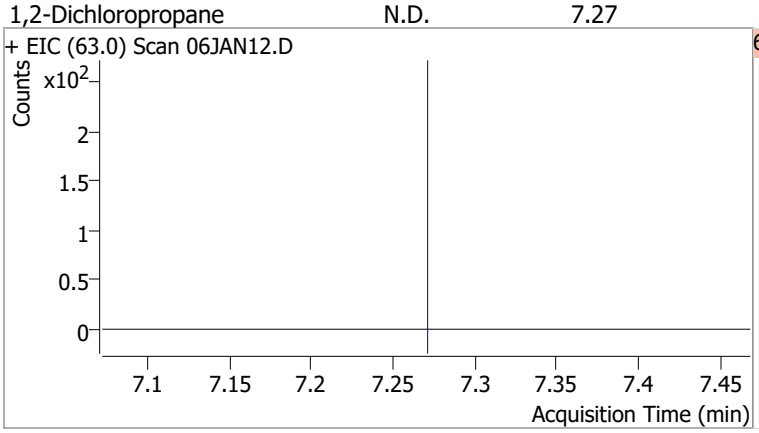


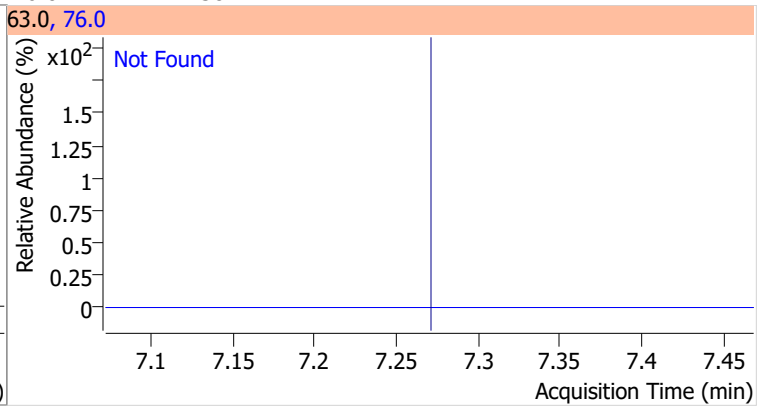
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



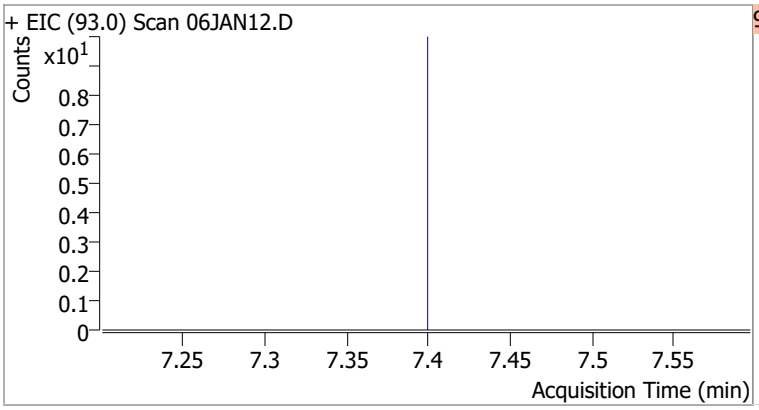


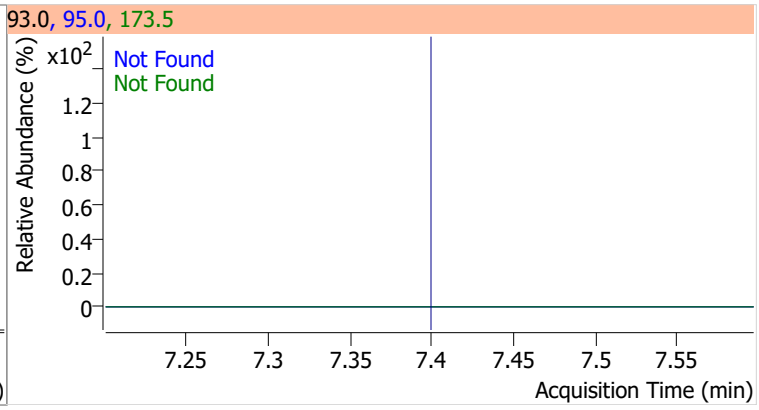
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



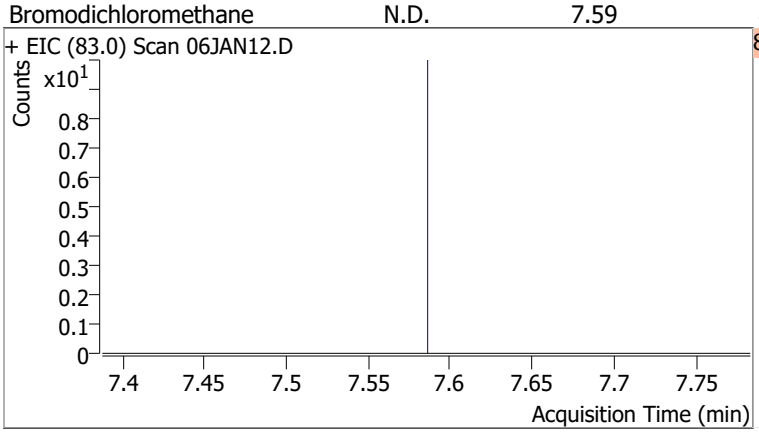


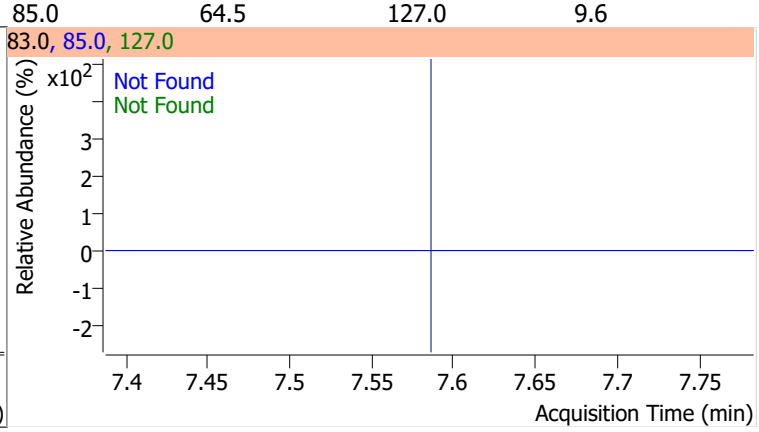
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



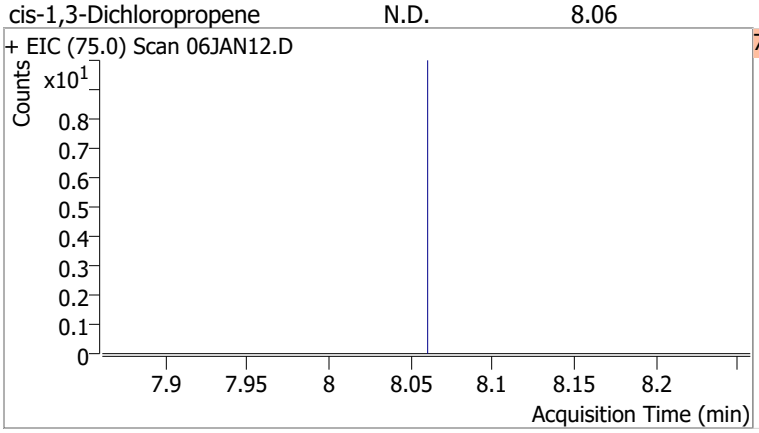


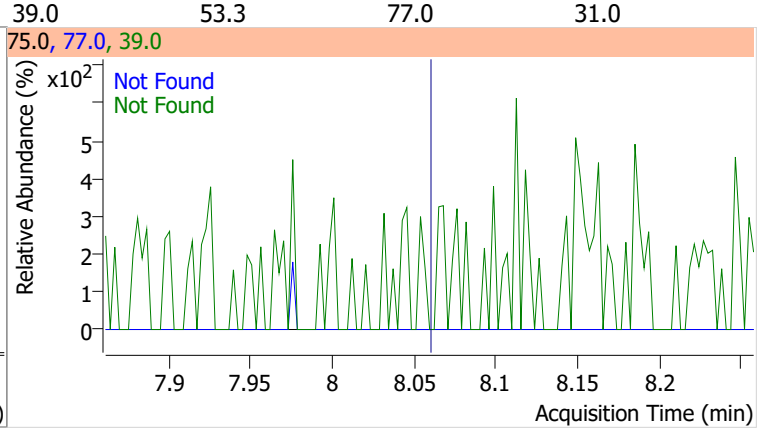
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



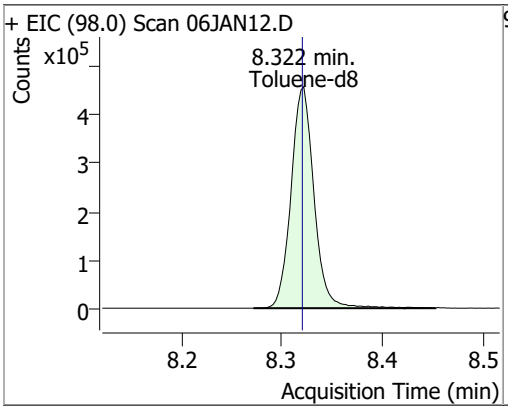


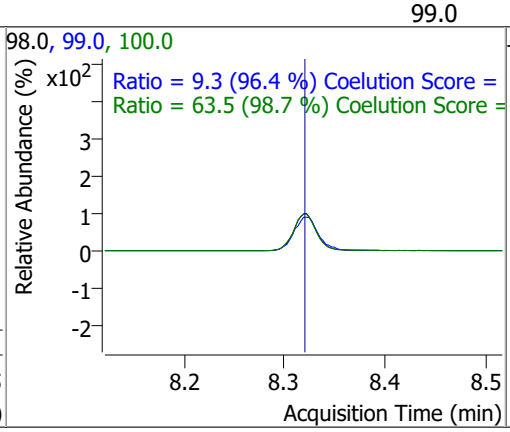
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

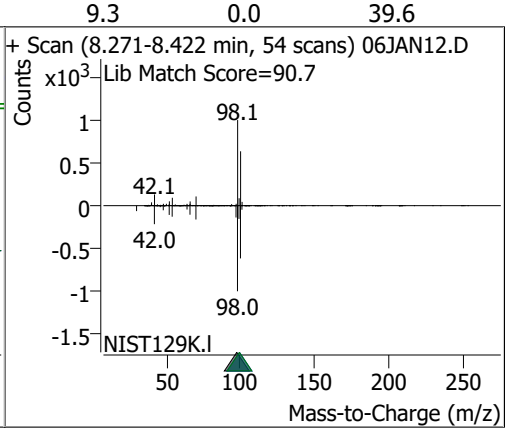




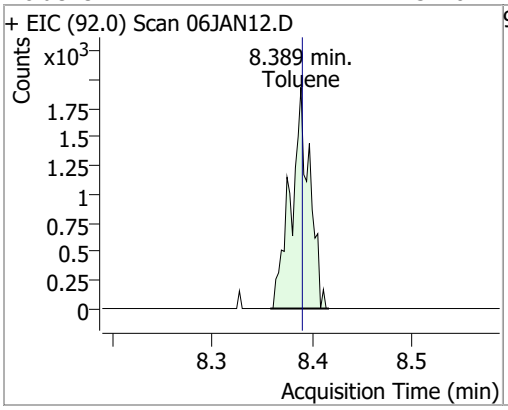
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	267.9282	8.32	0.00	728902	100.0	63.5	34.4	94.4
					99.0	9.3	0.0	39.6

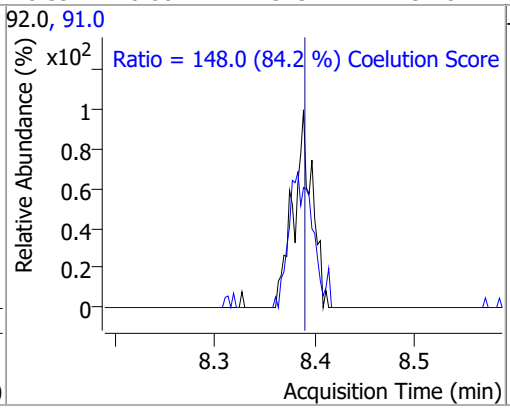


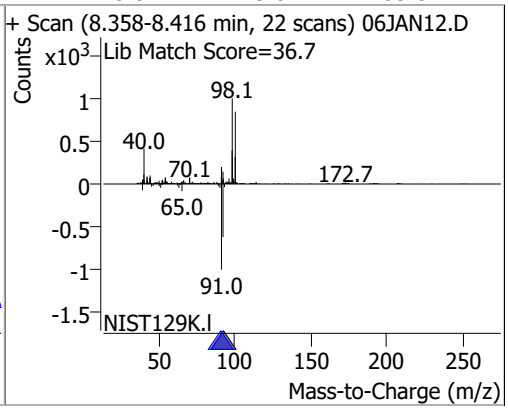




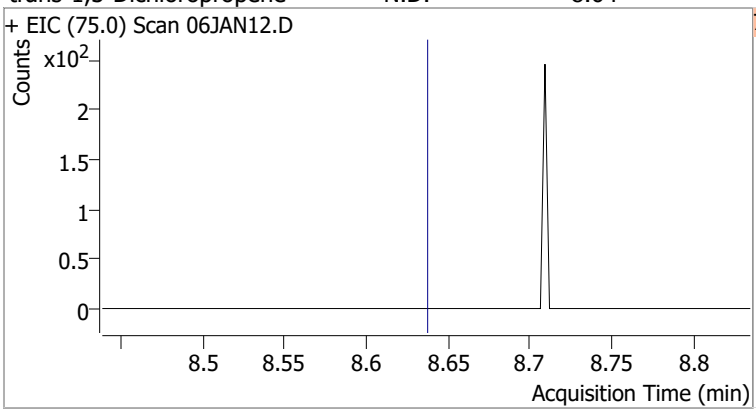
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.3740	8.39	0.00	2525	91.0	148.0	145.8	205.8

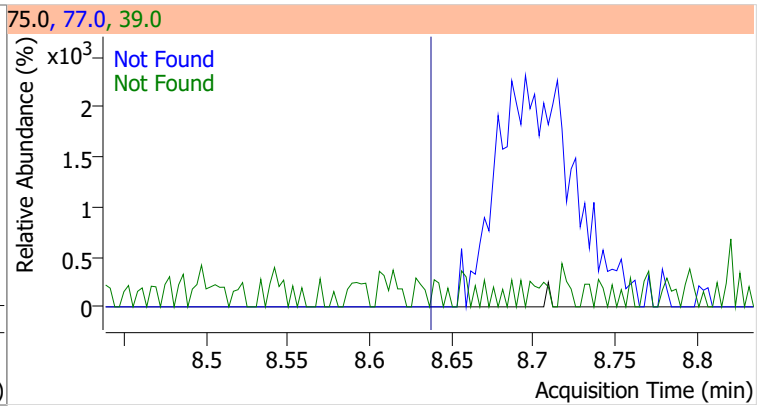




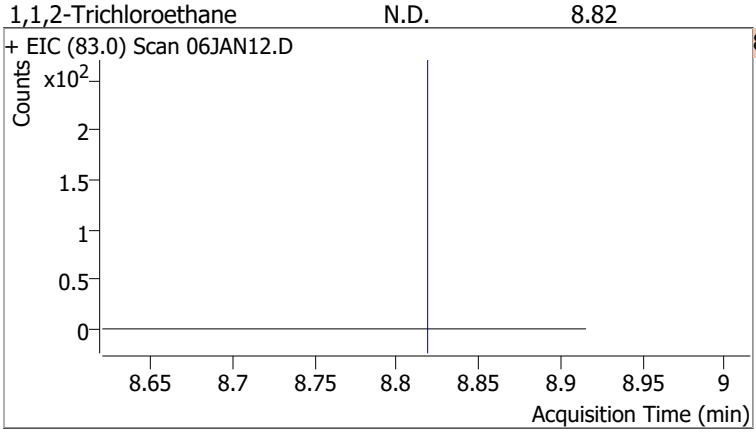


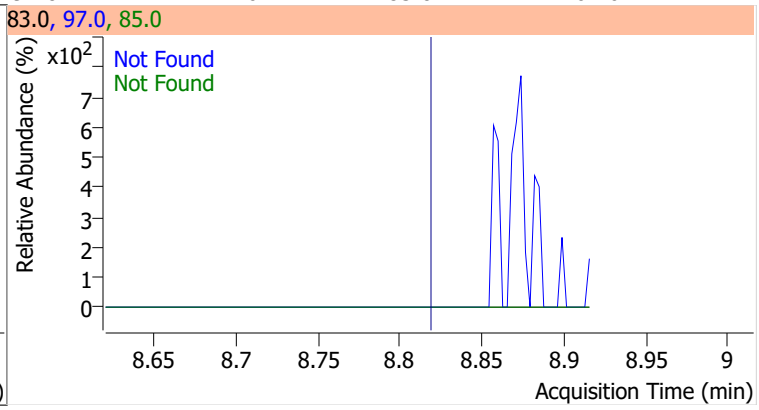
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



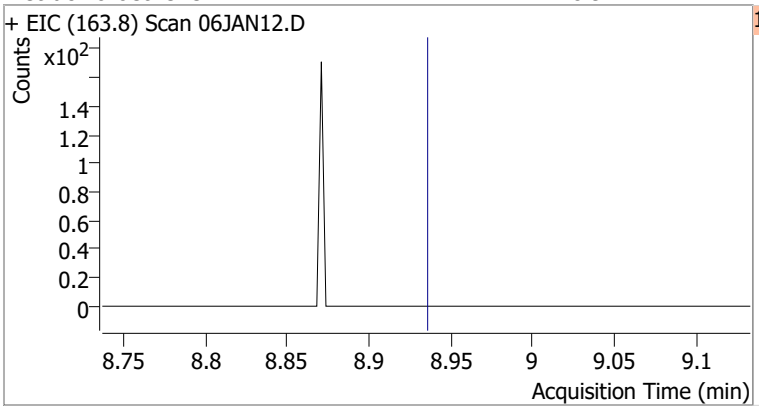


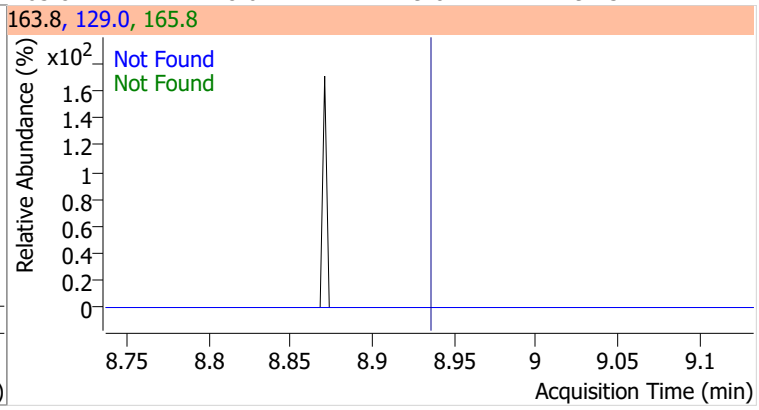
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



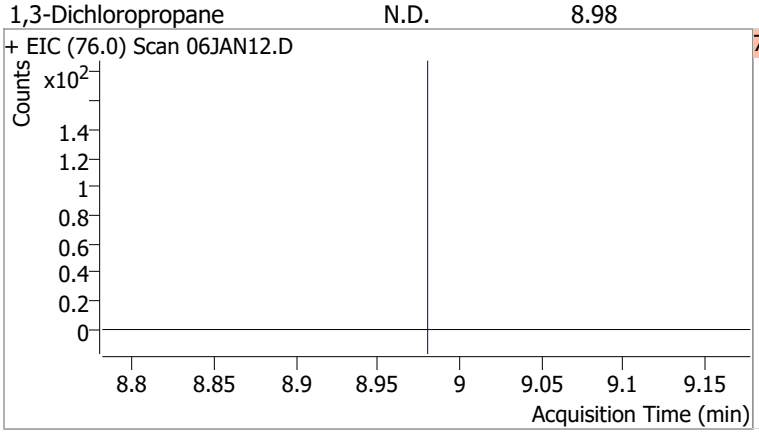


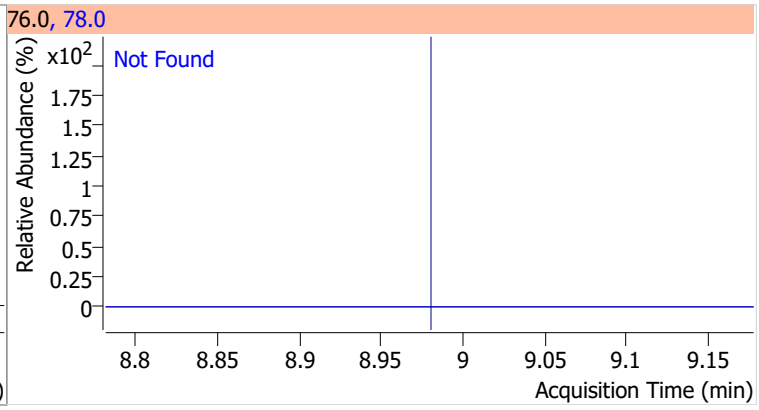
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



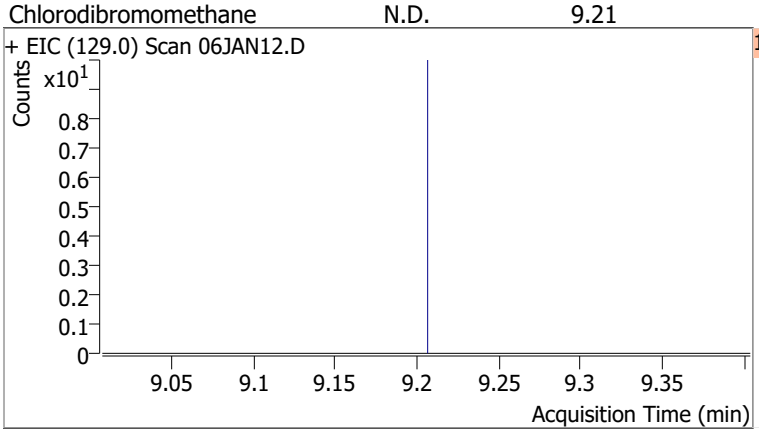


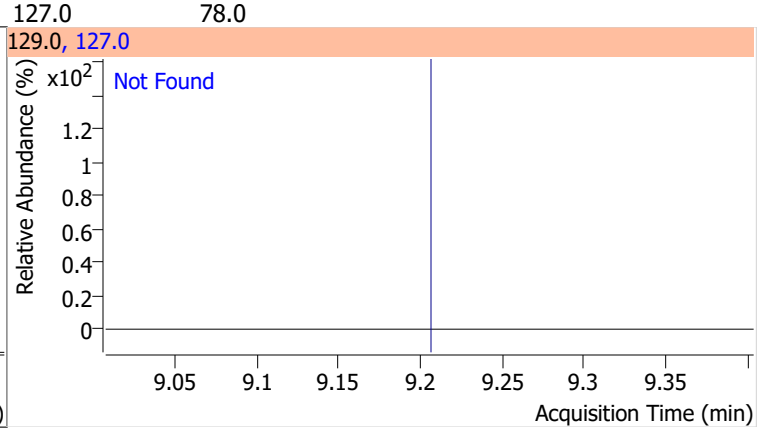
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



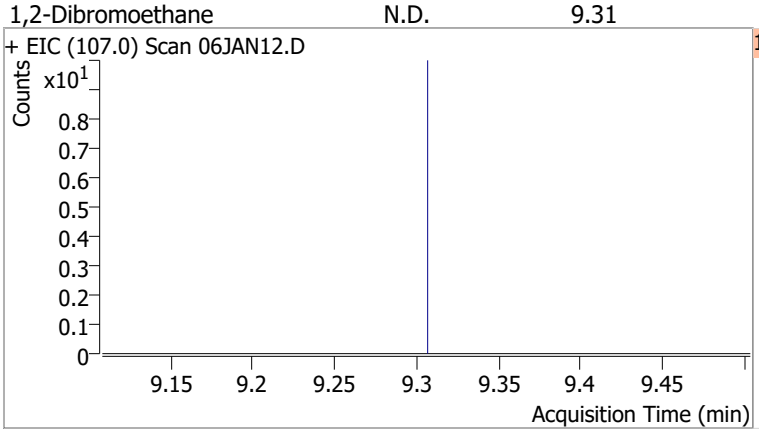


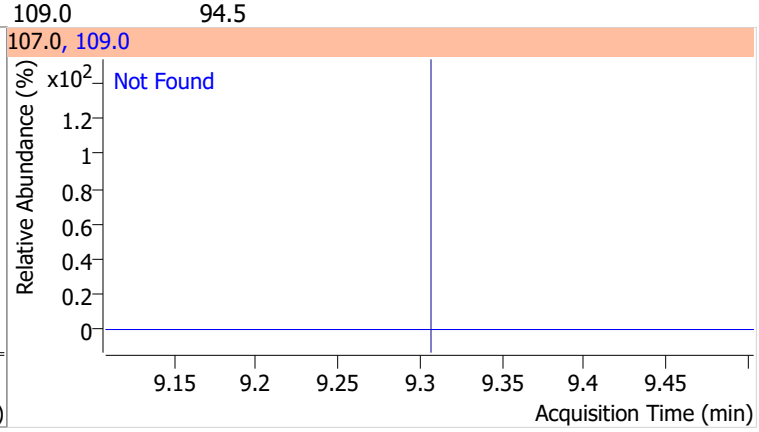
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



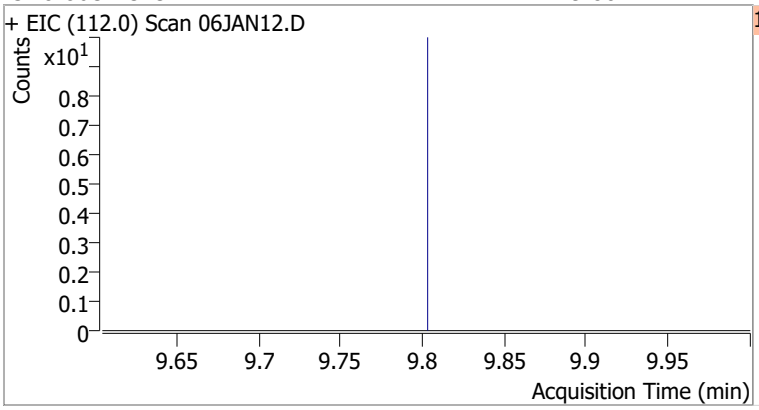


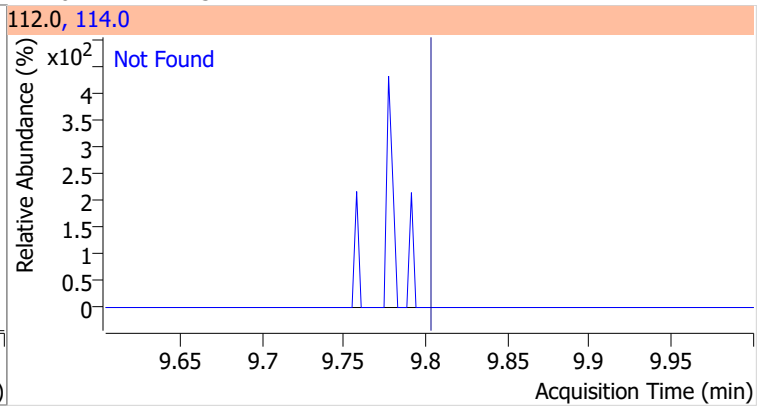
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



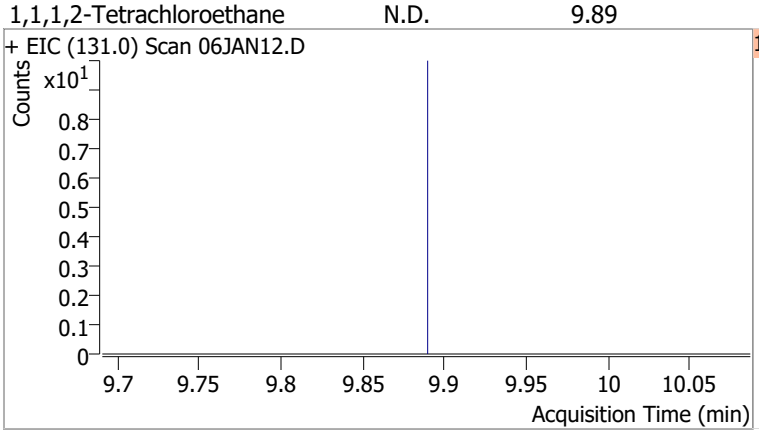


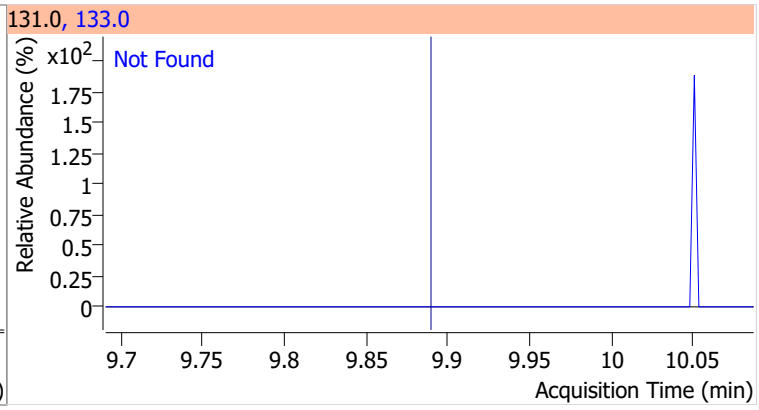
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



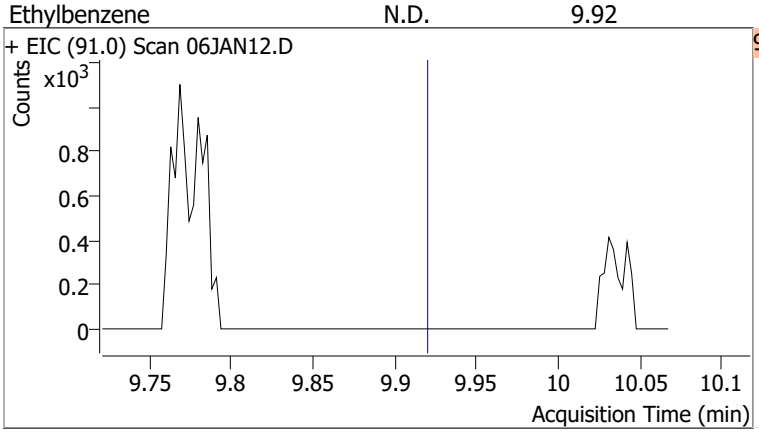


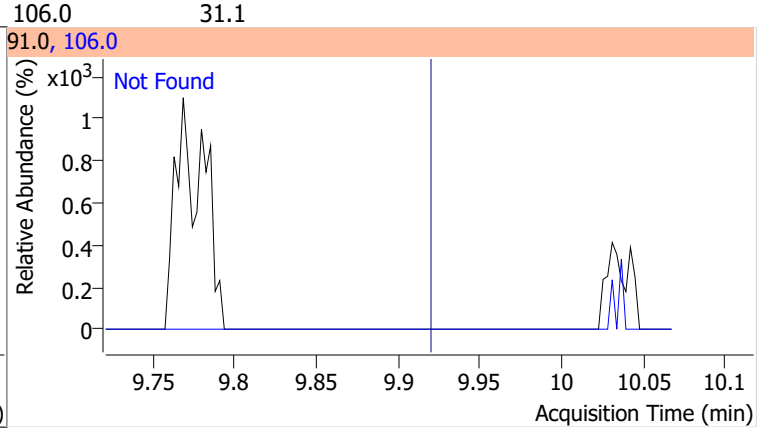
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



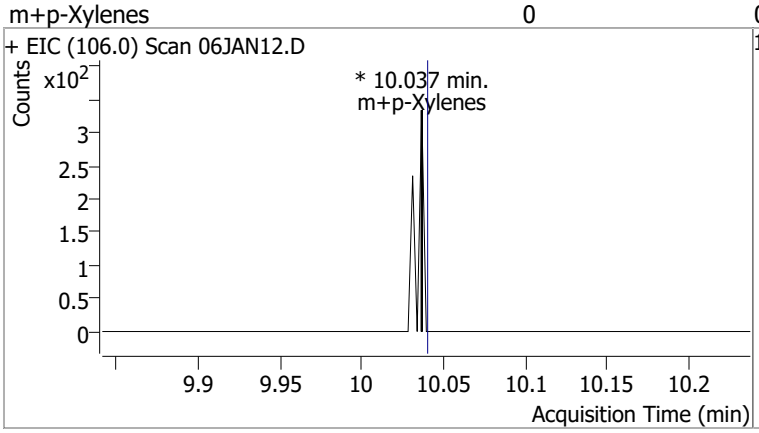


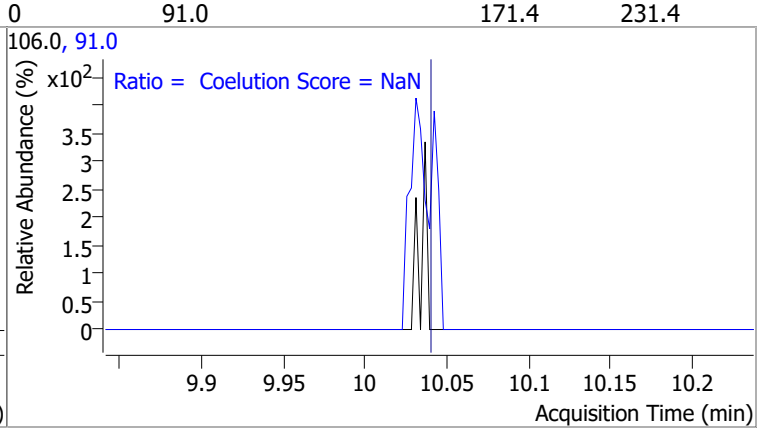
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



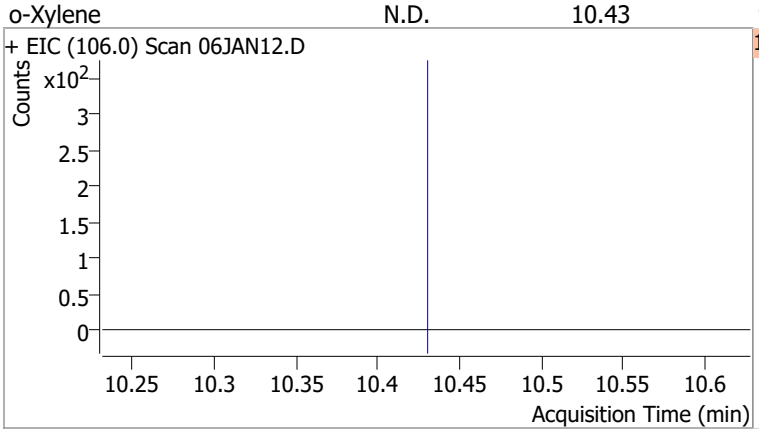


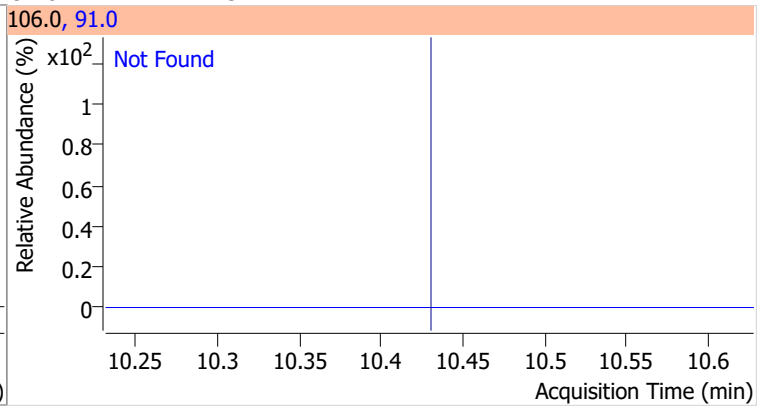
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		171.4	231.4



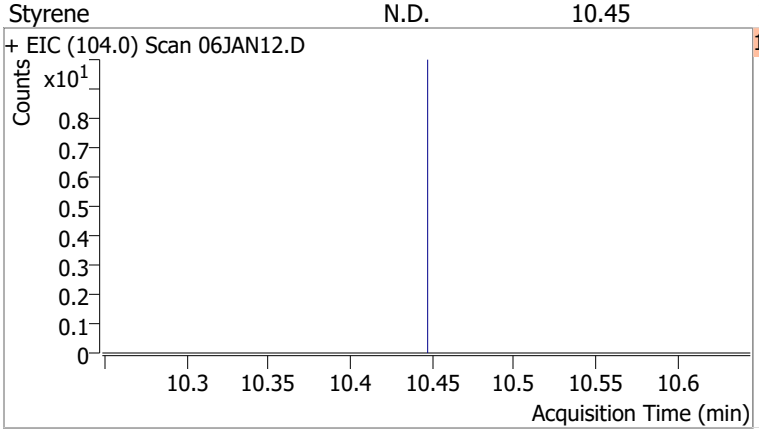


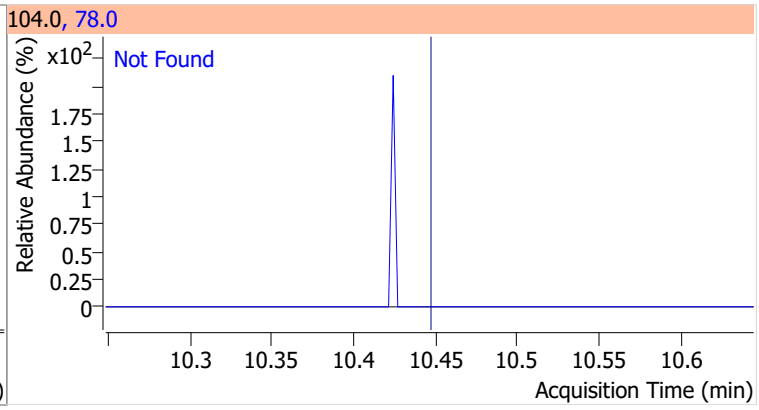
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



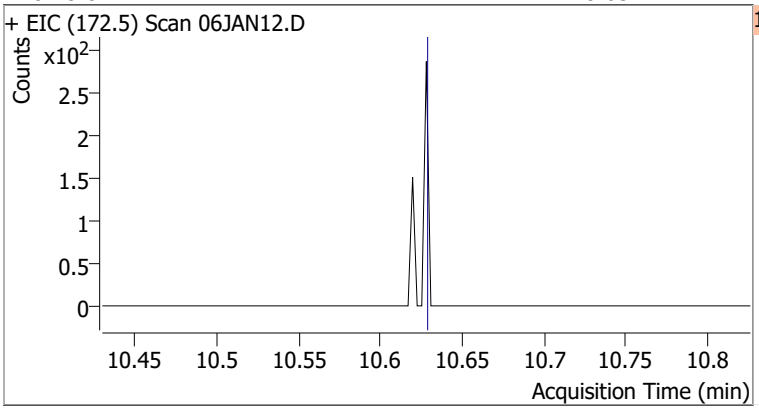


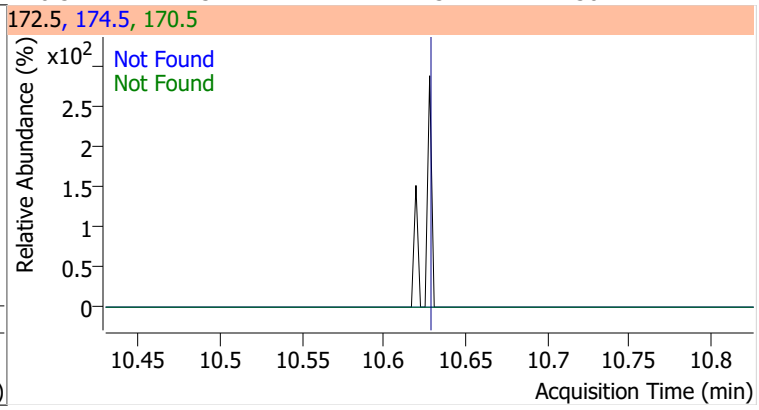
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



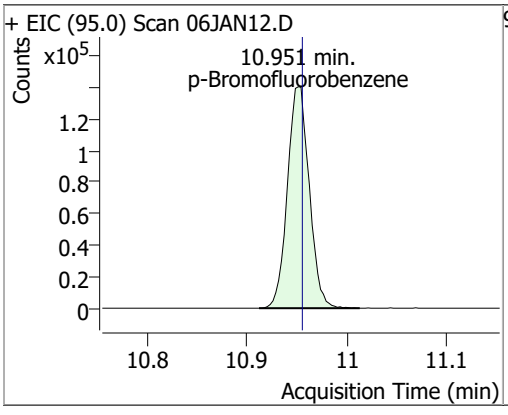


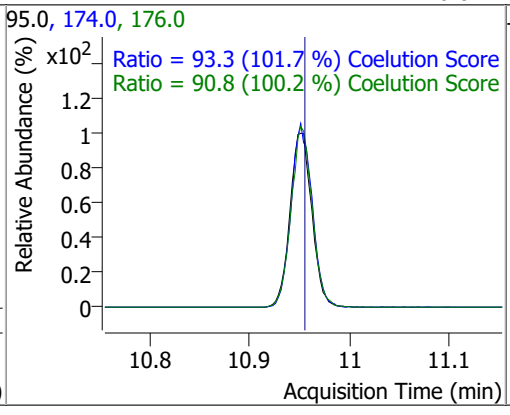
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

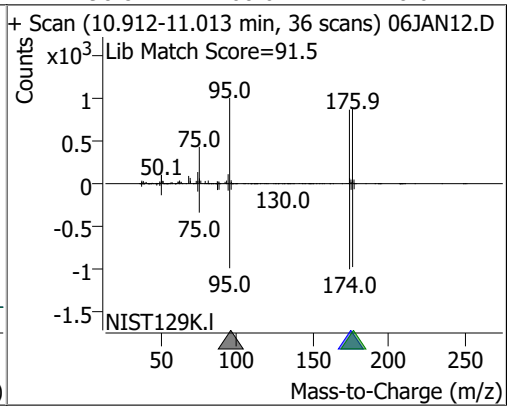




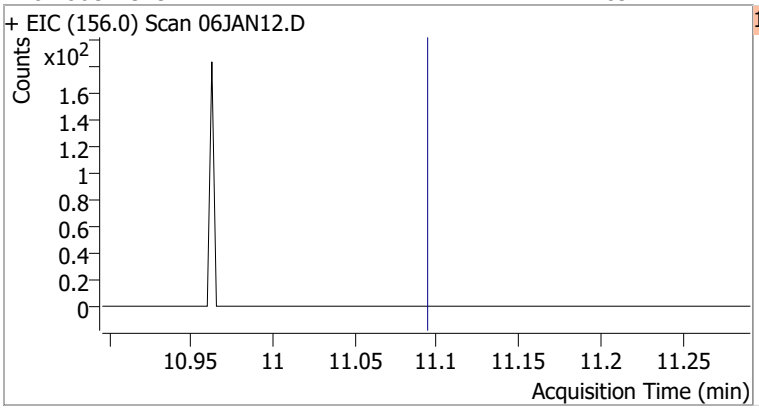
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	273.1087	10.95	0.00	212377	174.0	93.3	61.7	121.7
					176.0	90.8	60.6	120.6

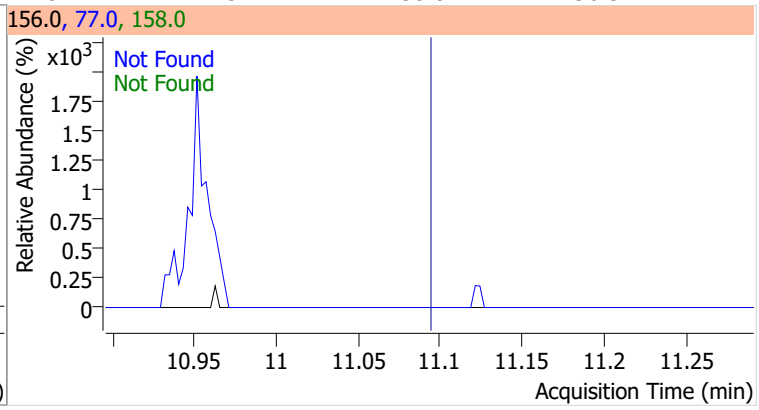




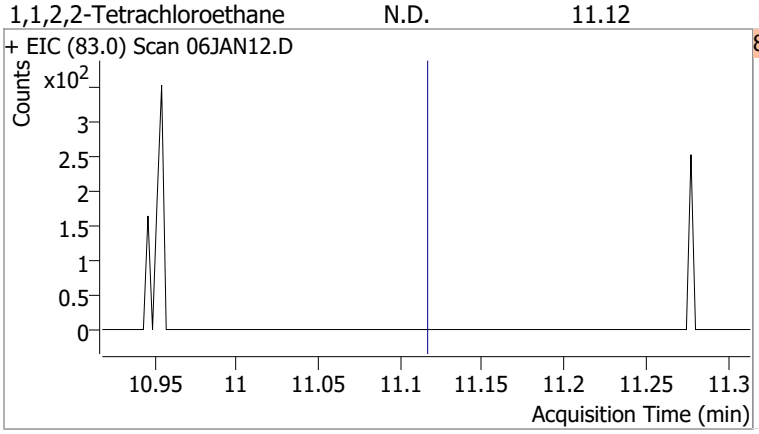


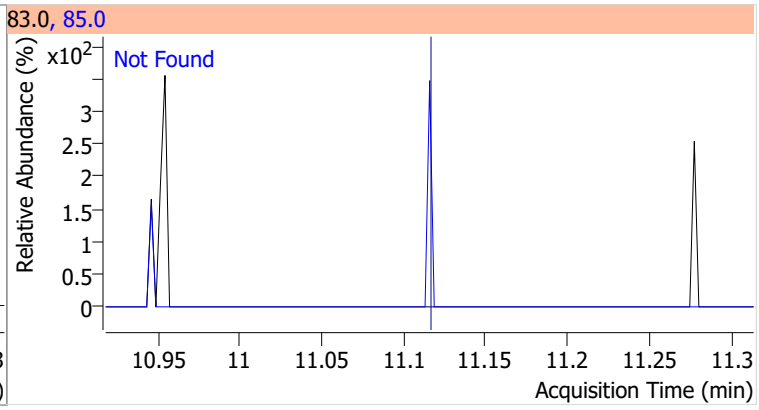
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



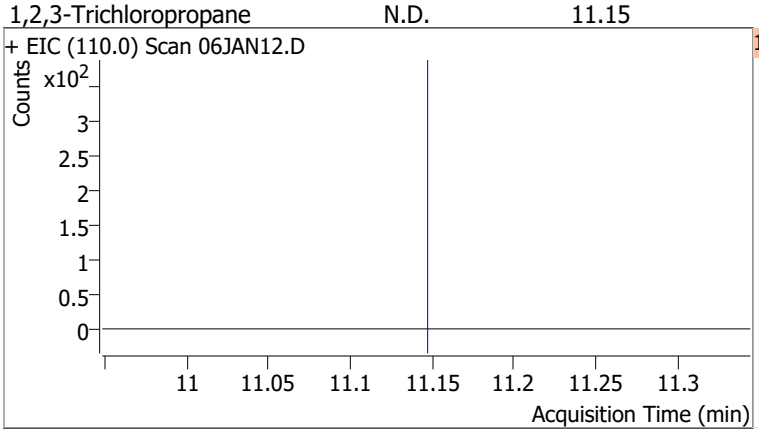


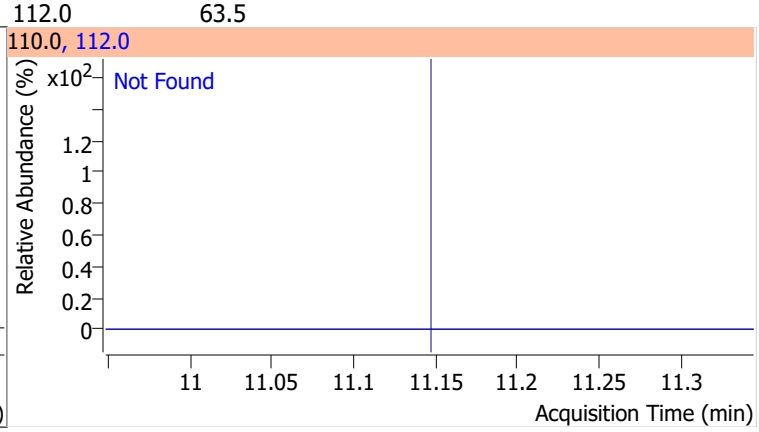
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



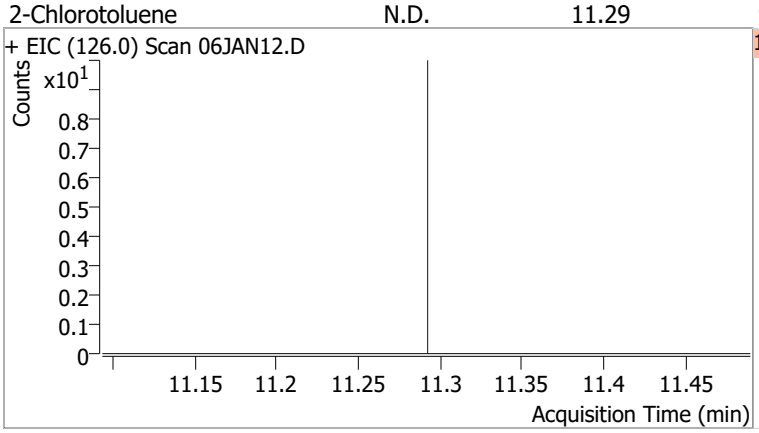


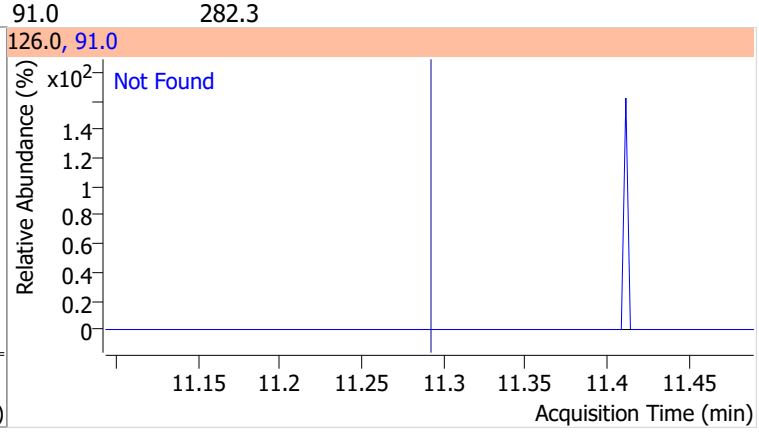
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



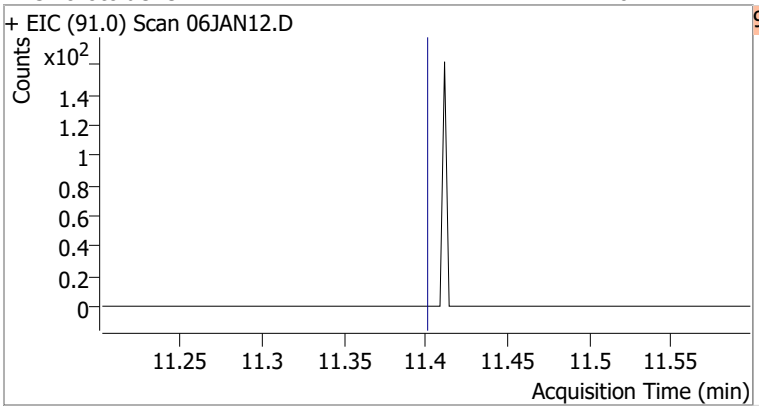


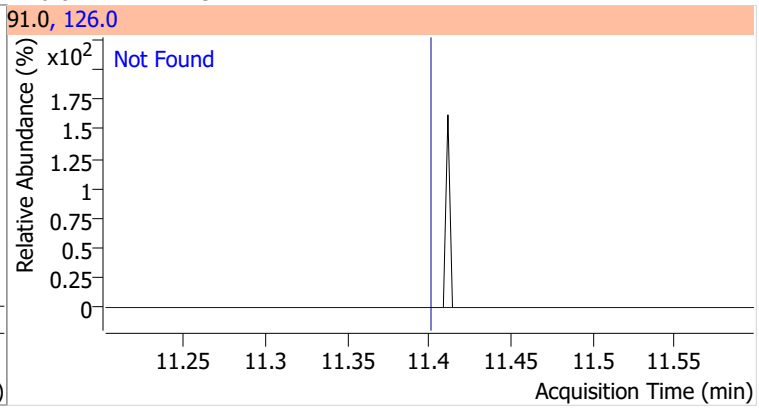
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



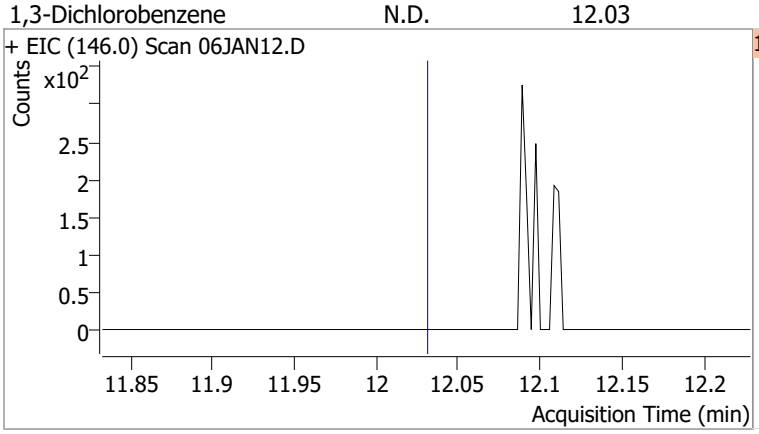


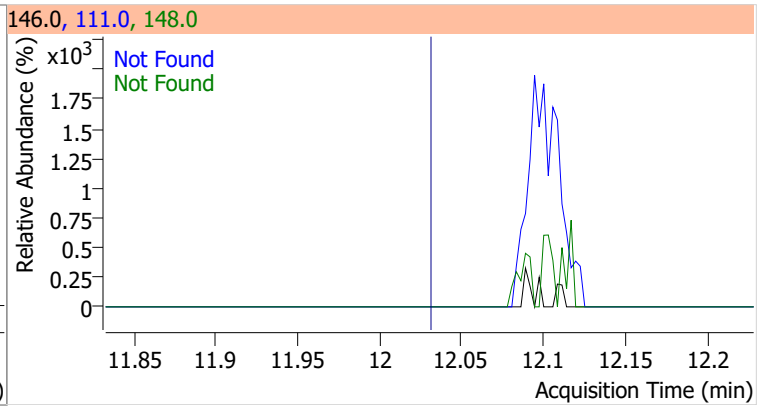
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



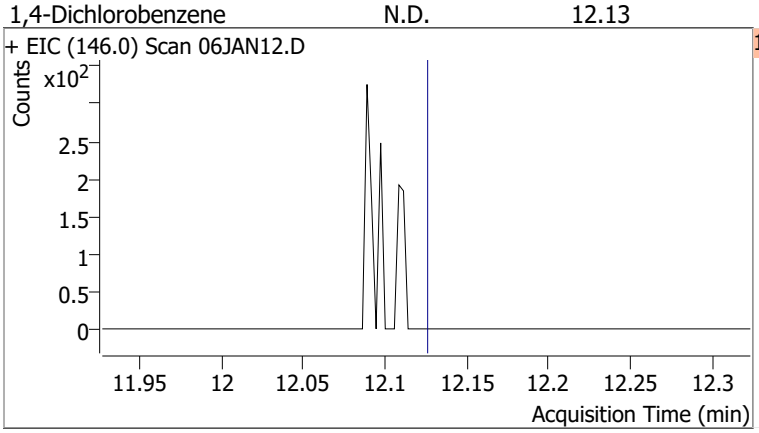


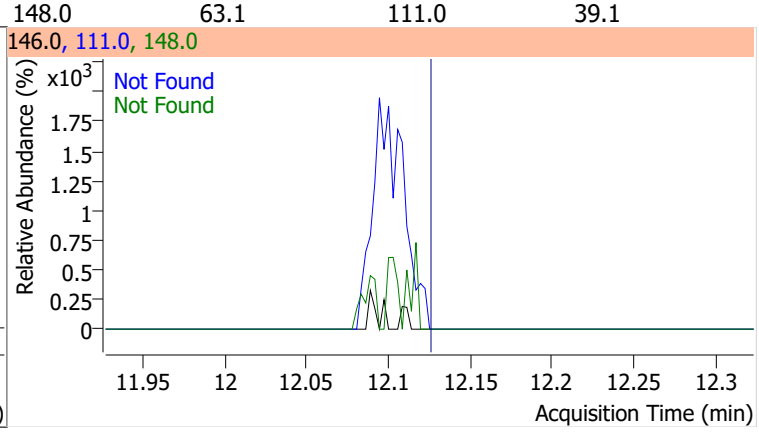
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



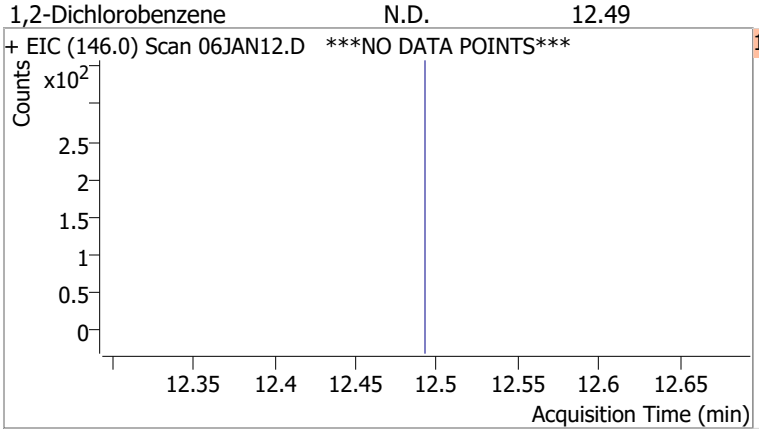


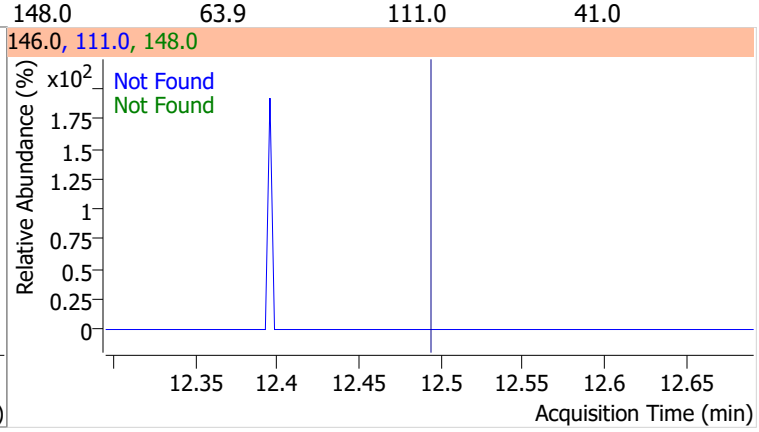
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





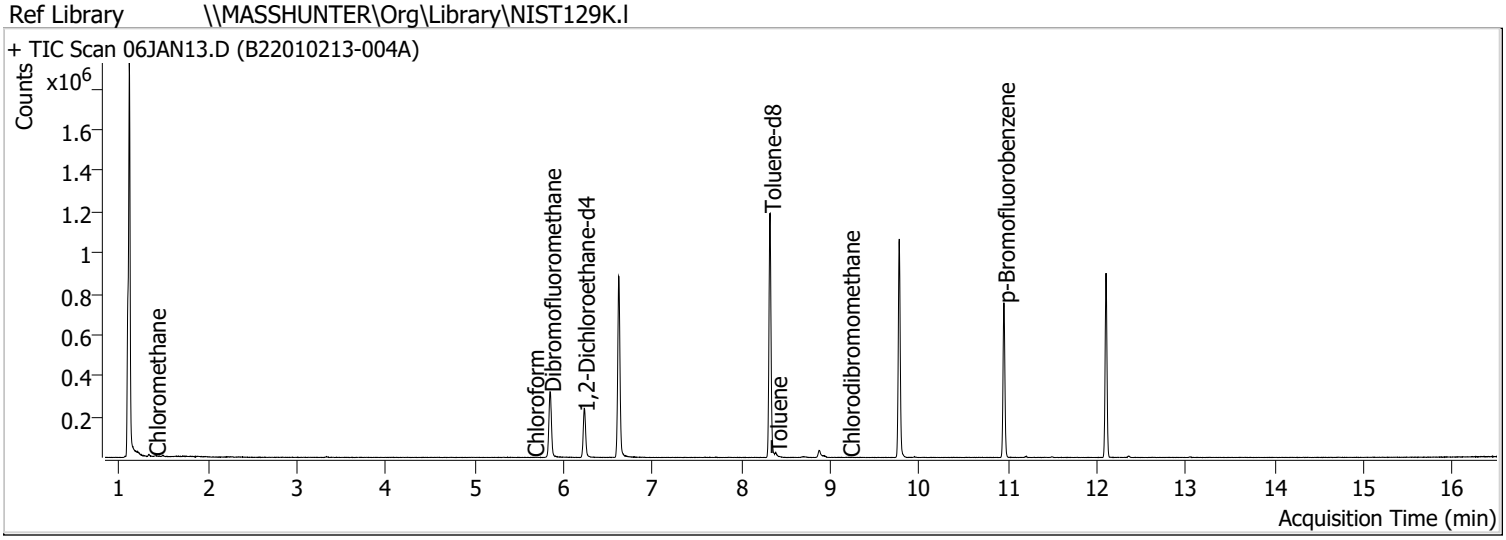
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 3:22:29 PM
Sample Name	B22010213-004A	Instrument	VOA5975C
Vial	13	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

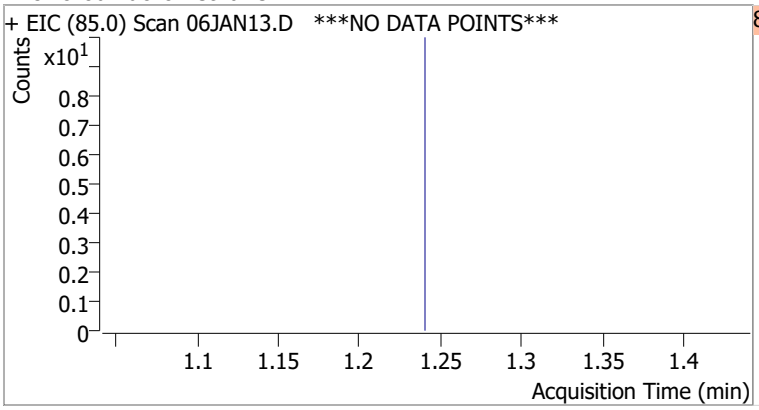


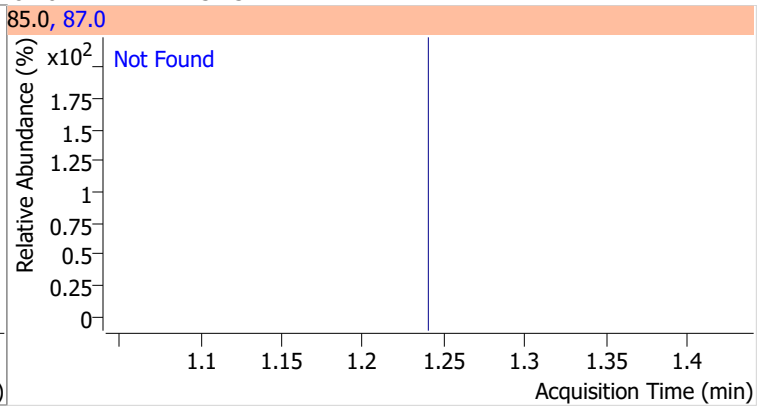
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.618	96.0	726087	250.0000	ng		-0.006
M Chlorobenzene-d5	9.772	82.0	282096	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	214878	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	193266	282.5330	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 113.01%			
S 1,2-Dichloroethane-d4	6.227	67.0	83287	281.8900	ng		-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 112.76%			
S Toluene-d8	8.321	98.0	728673	268.0501	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.22%			
S p-Bromofluorobenzene	10.951	95.0	211244	268.3457	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.34%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.400	50.0	3101	2.6851	ng		91
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	0.000		0	N.D.			
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.655	83.0	171	0.1238	ng	m	68

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.388	92.0	4281	2.3313	ng		93
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	9.208	129.0	564	0.9869	ng	m	68
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

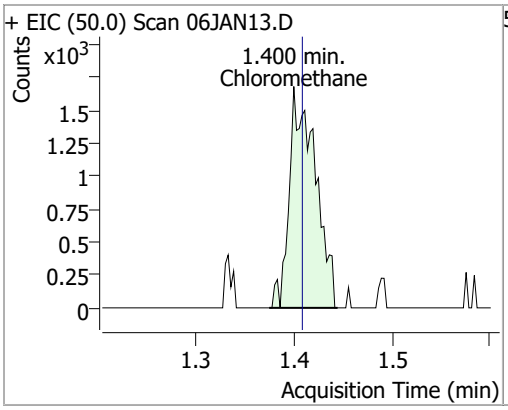
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

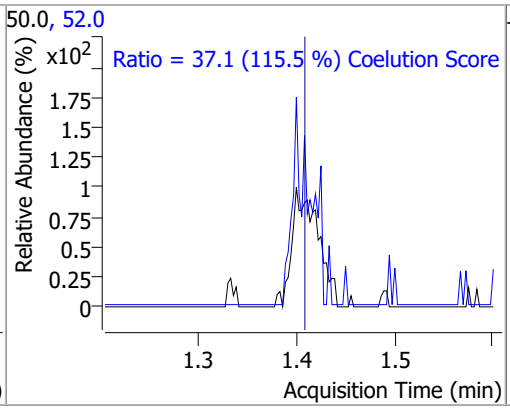
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

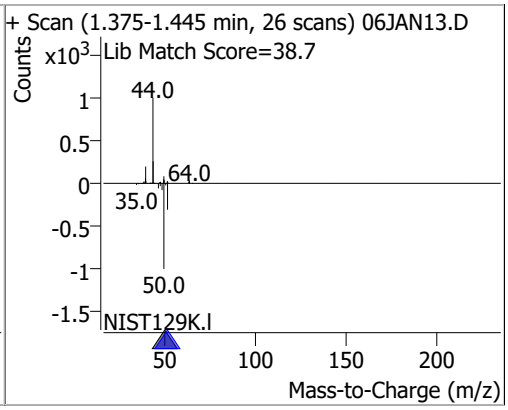




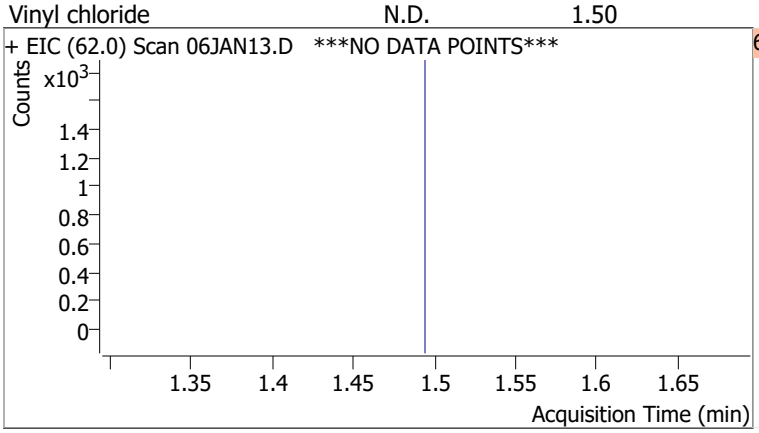
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	2.6851	1.40	-0.01	3101	52.0	37.1	2.1	62.1

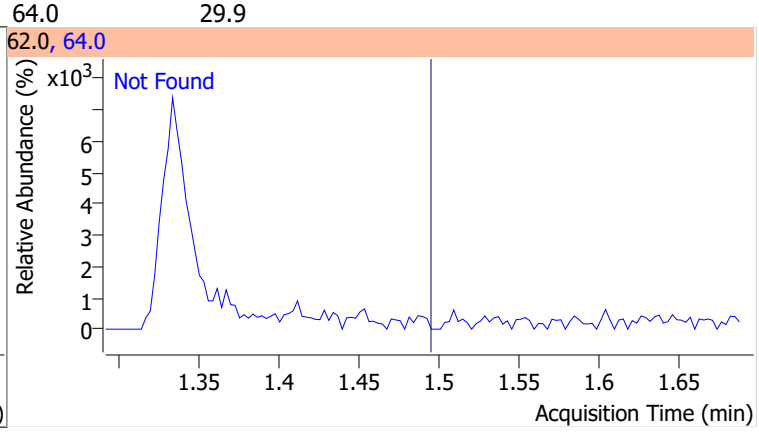




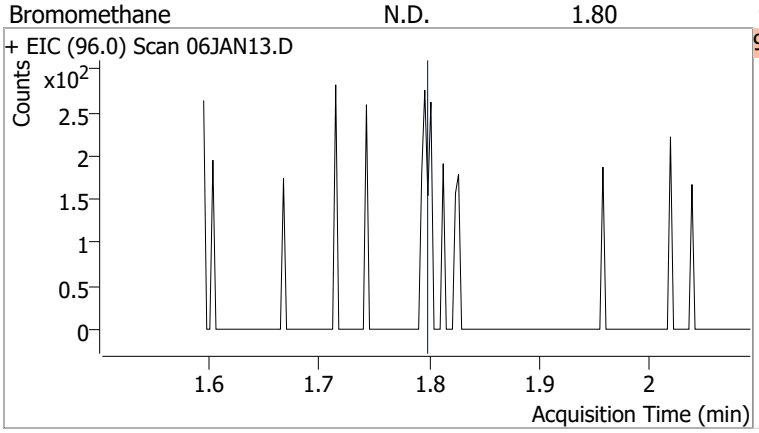


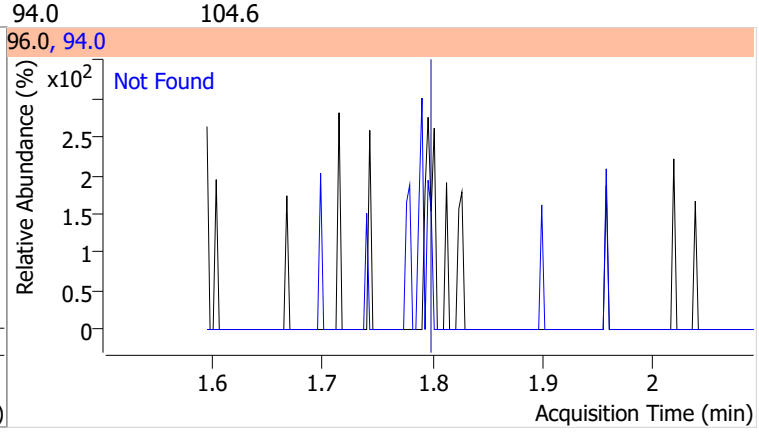
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



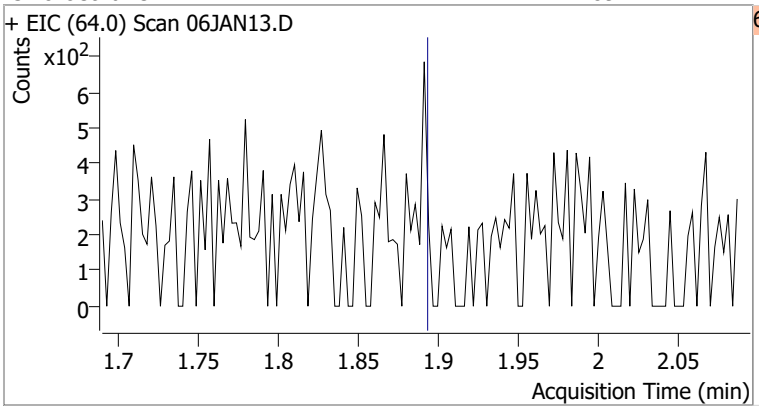


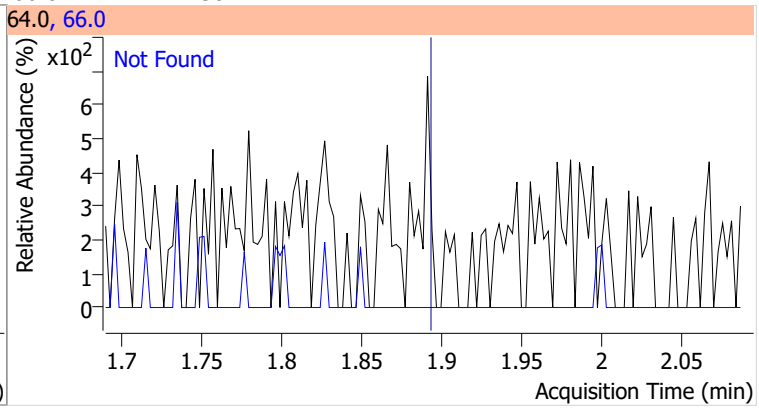
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



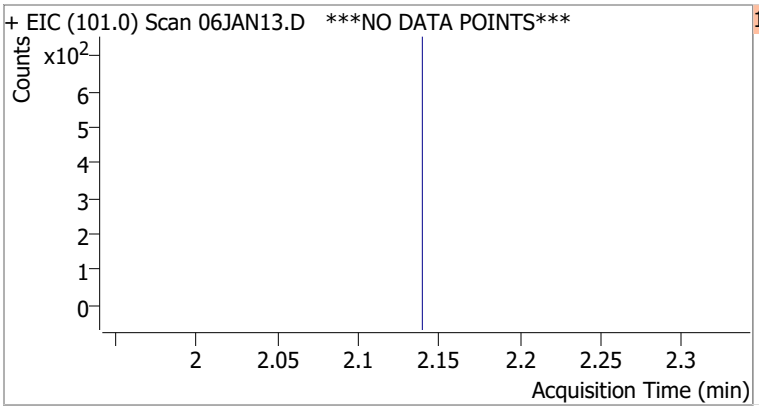


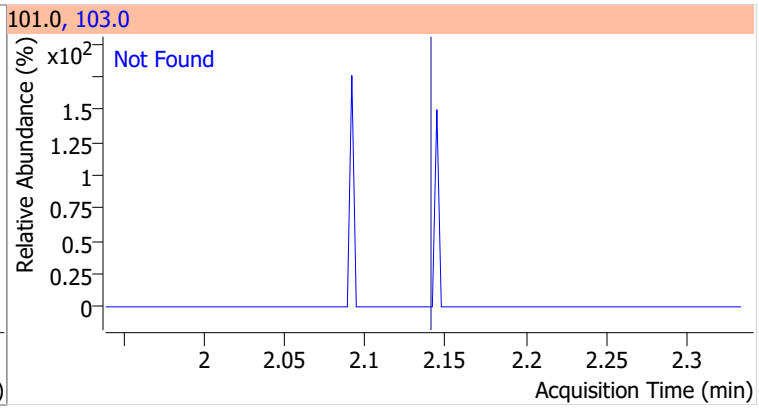
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



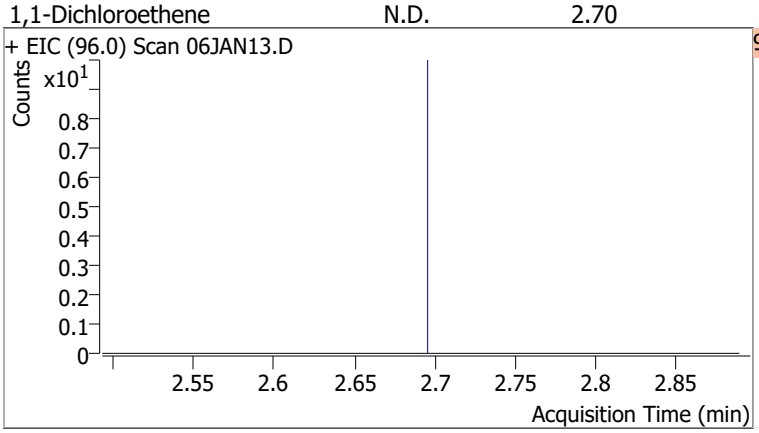


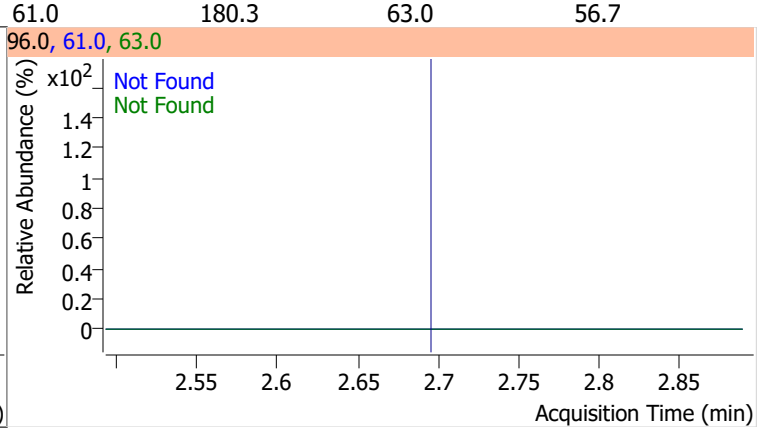
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



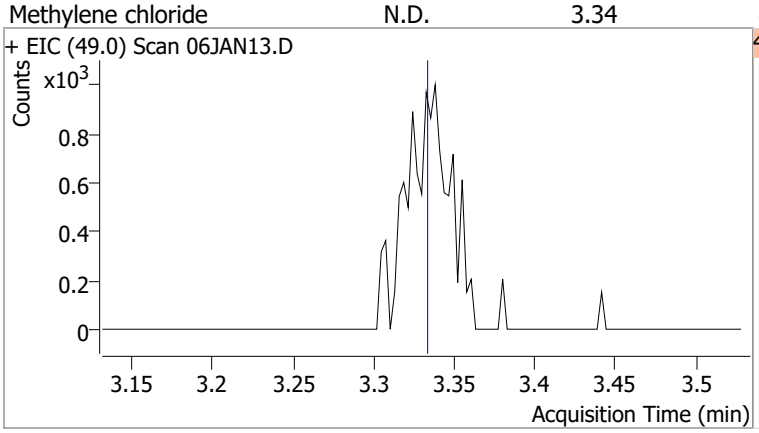


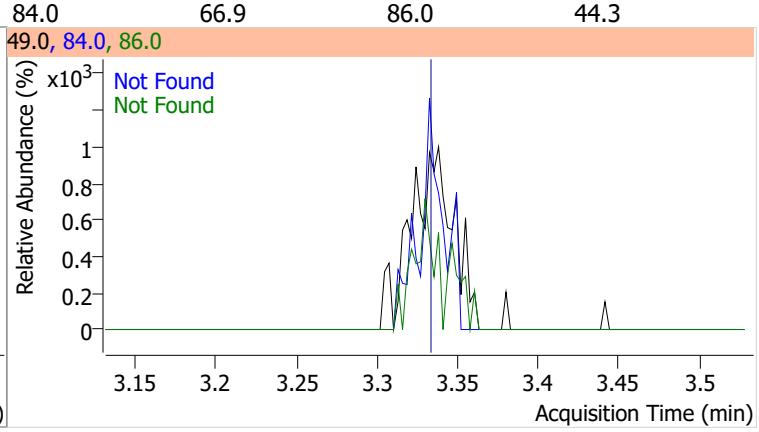
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7



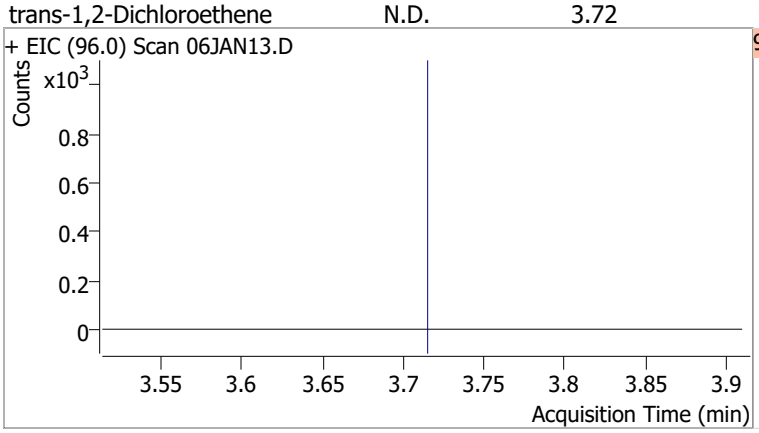


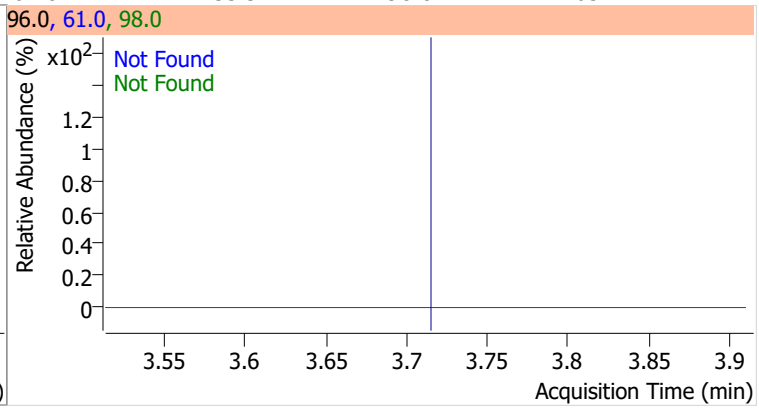
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Methylene chloride	N.D.	3.34	84.0	66.9	86.0	44.3



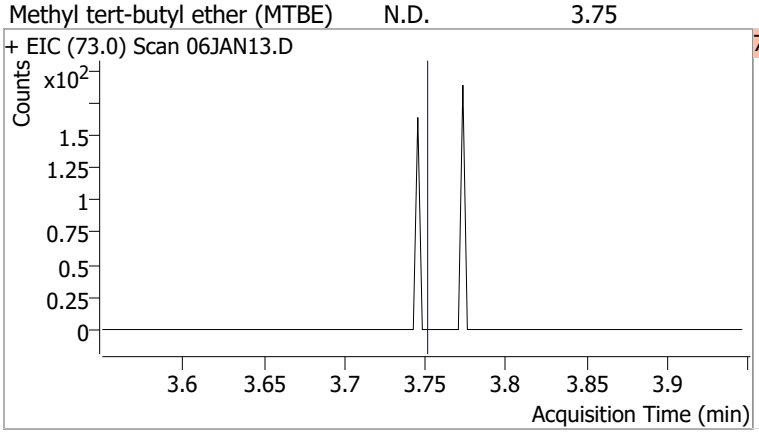


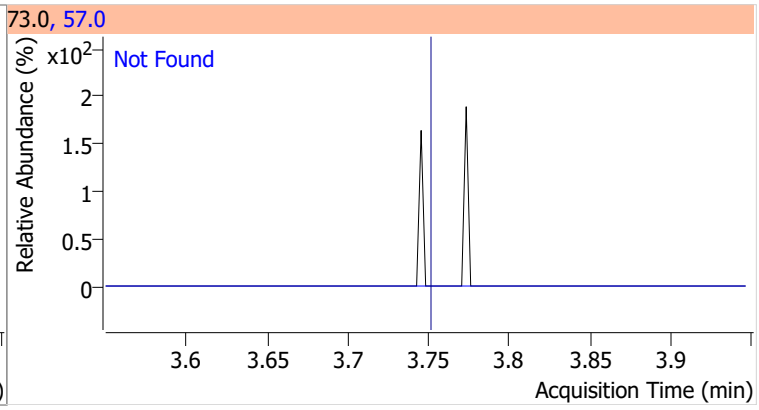
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



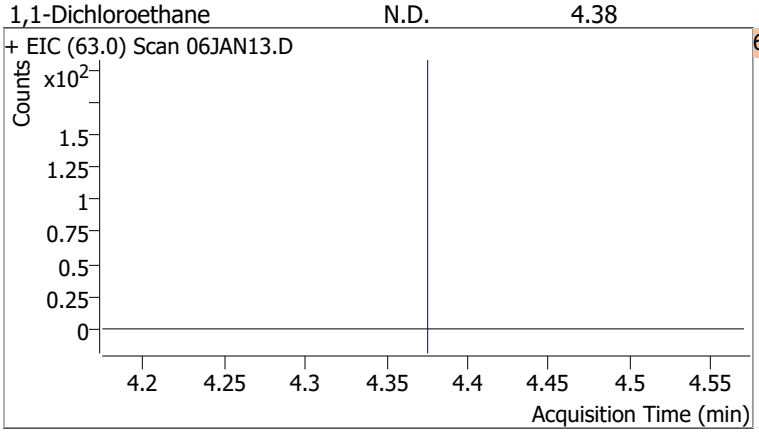


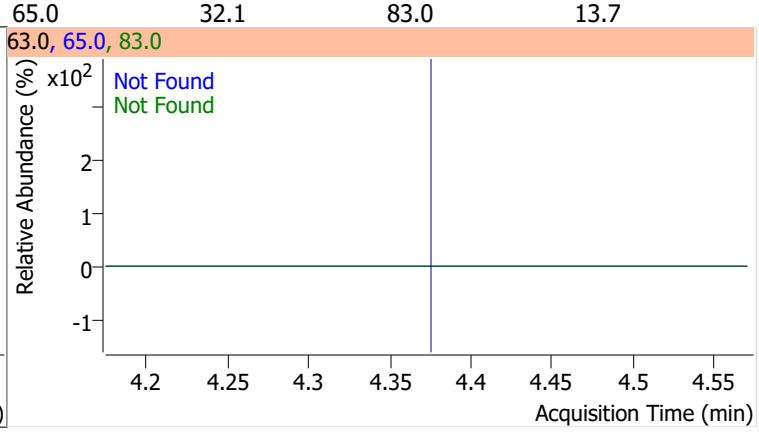
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



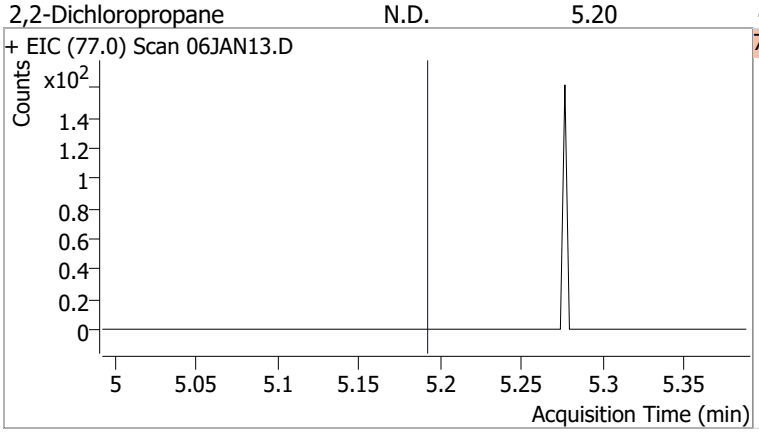


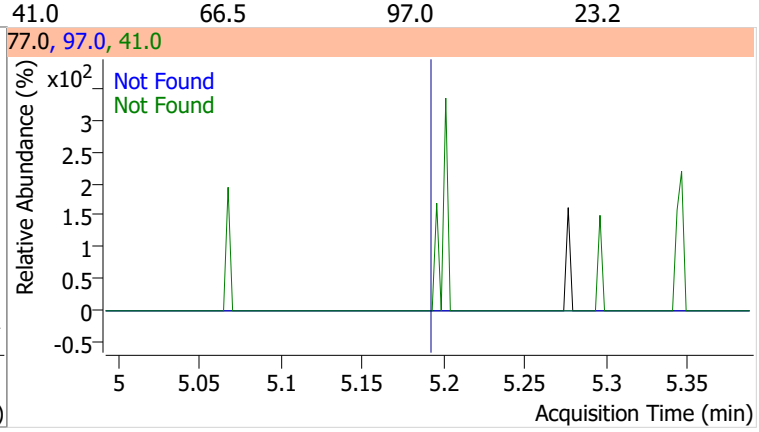
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



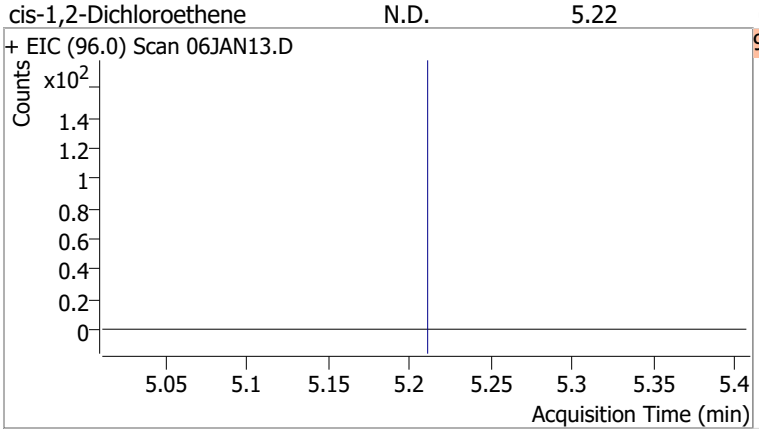


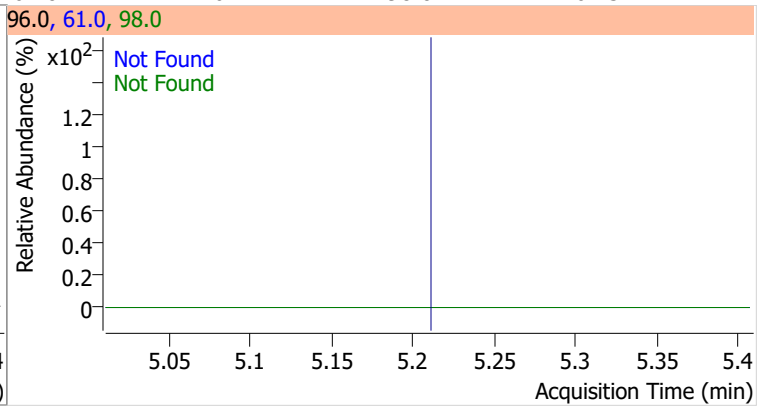
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



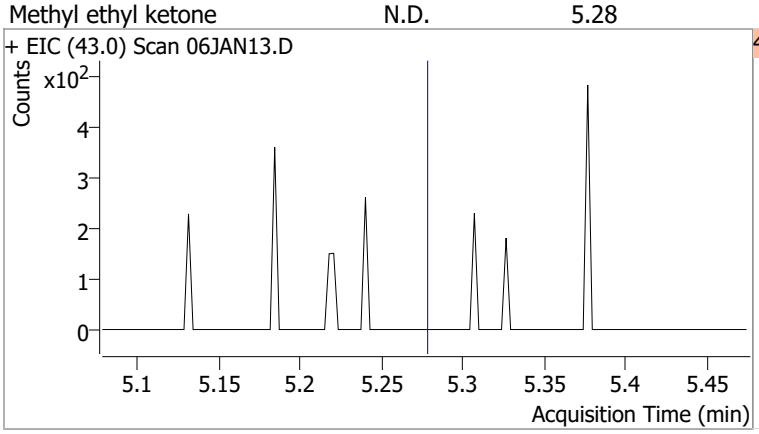


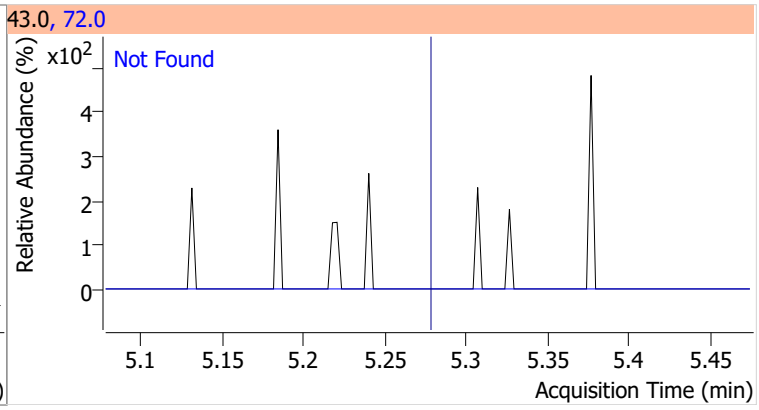
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



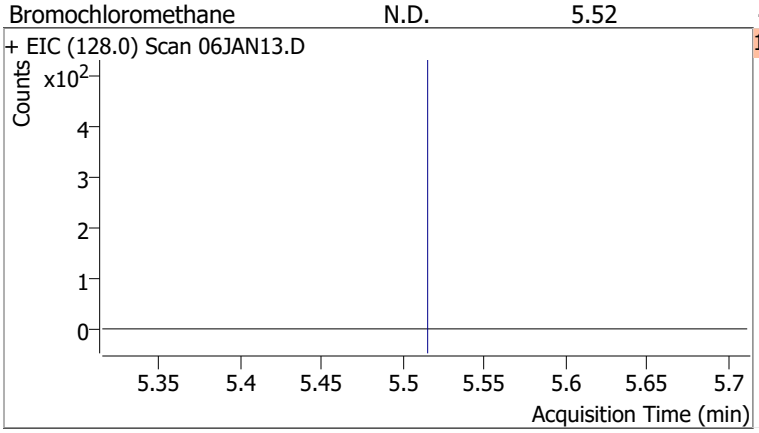


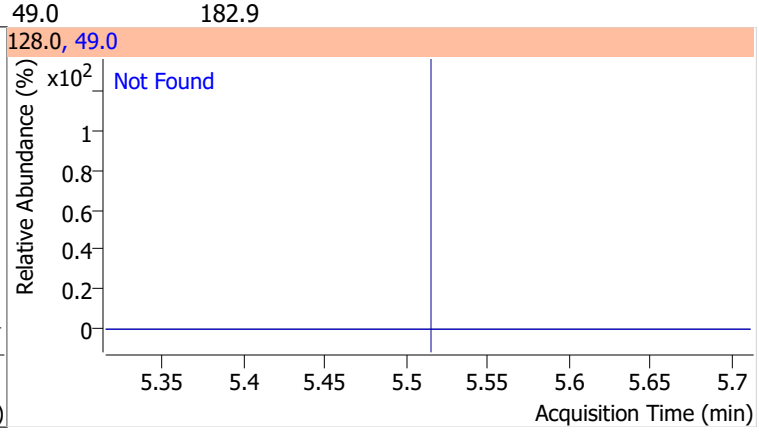
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



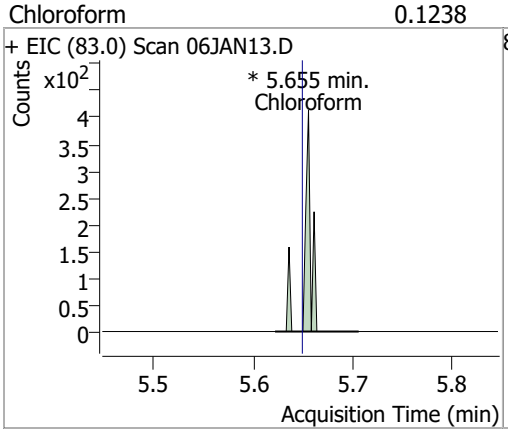


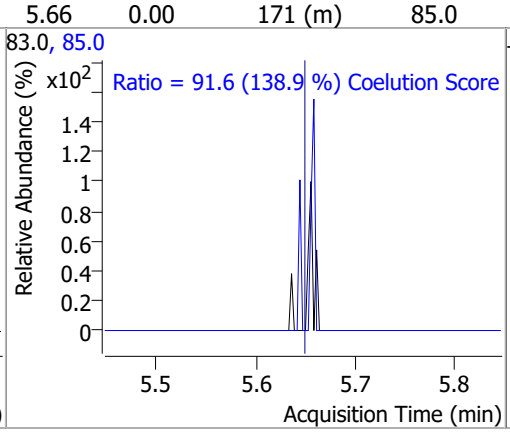
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

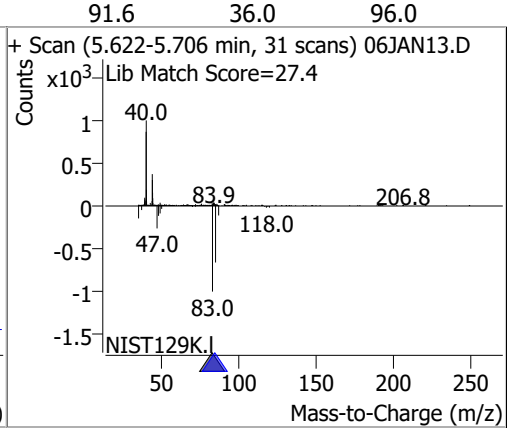




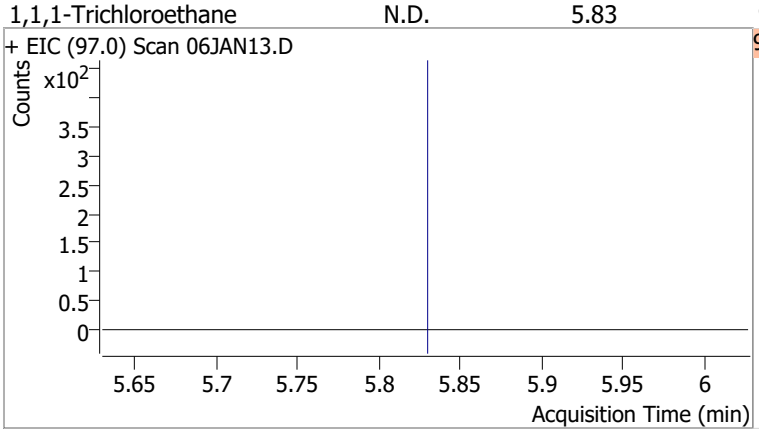
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.1238	5.66	0.00	171 (m)	85.0	91.6	36.0	96.0

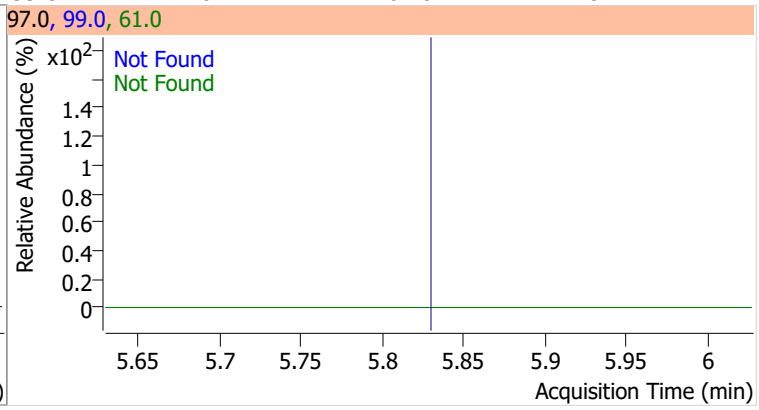




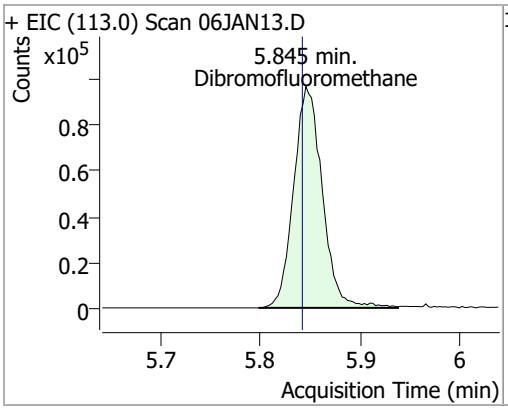


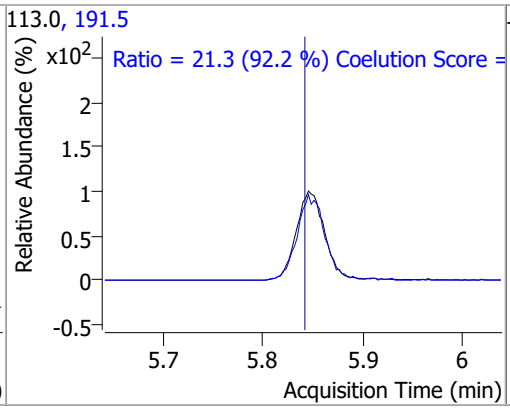
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

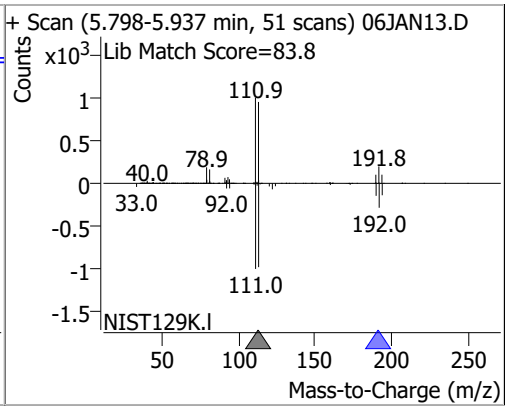




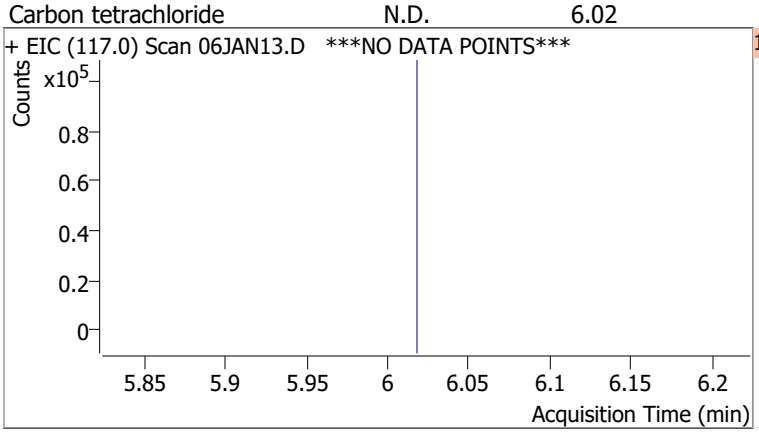
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	282.5330	5.85	0.00	193266	191.5	21.3	0.0	53.1

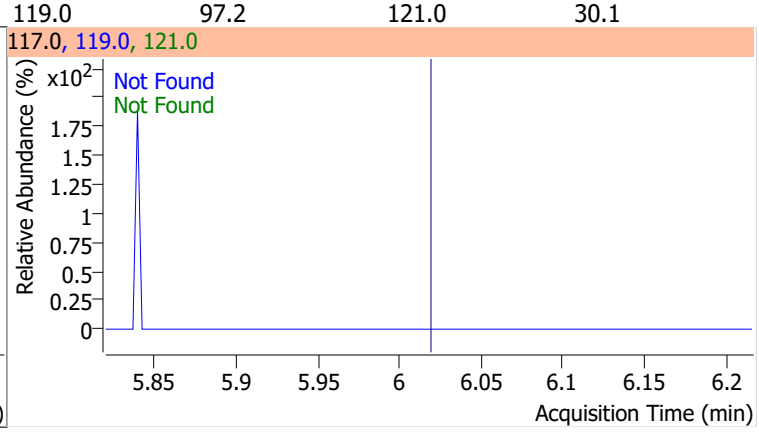




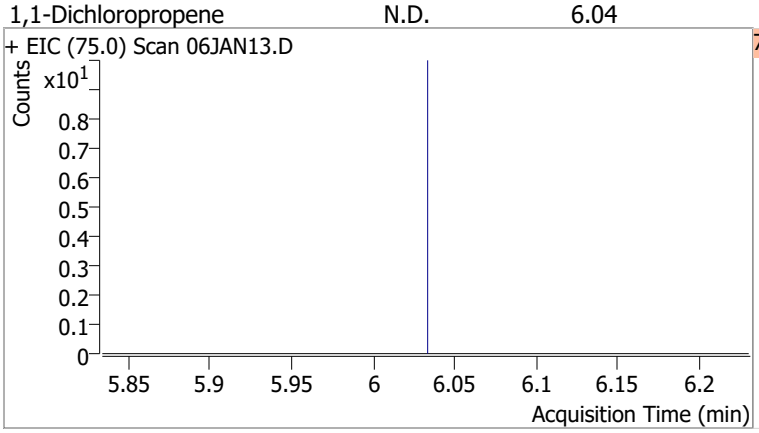


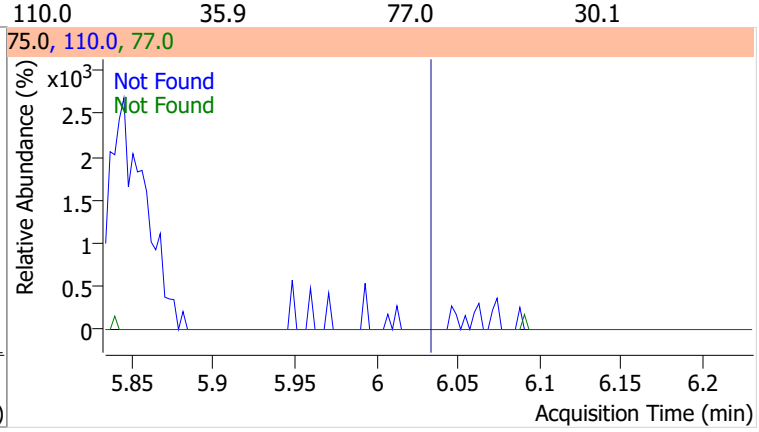
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



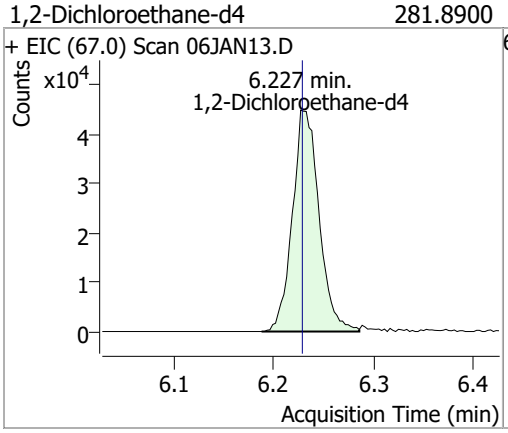


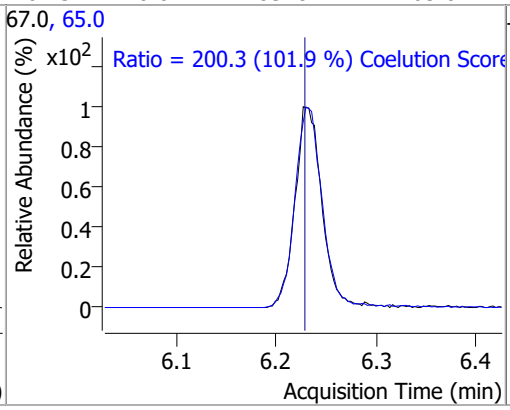
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

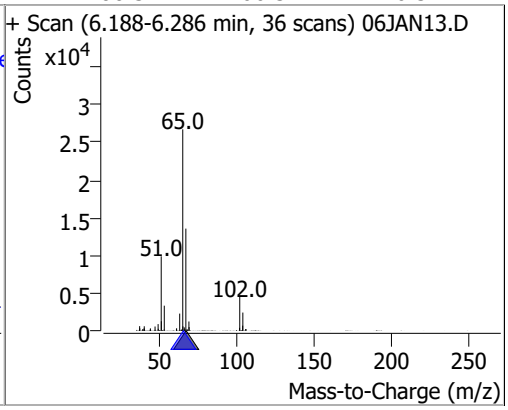




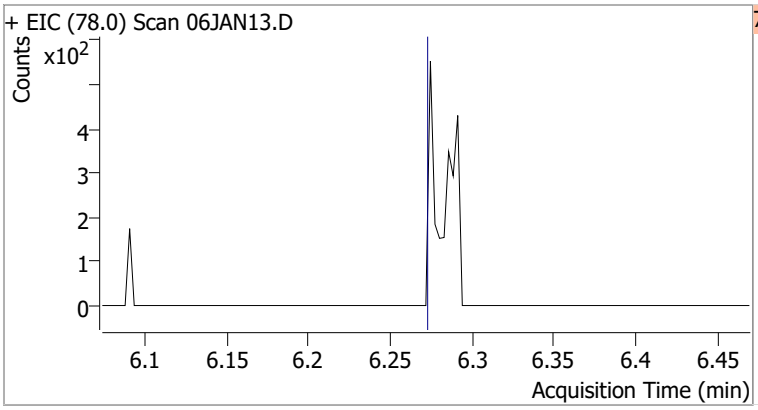
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	281.8900	6.23	-0.01	83287	65.0	200.3	166.5	226.5

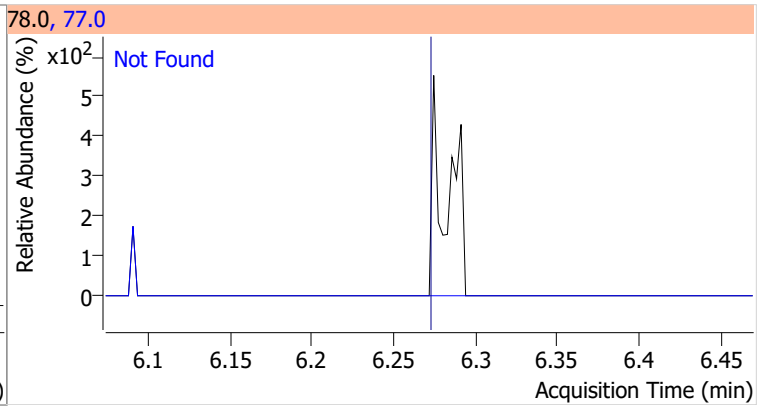




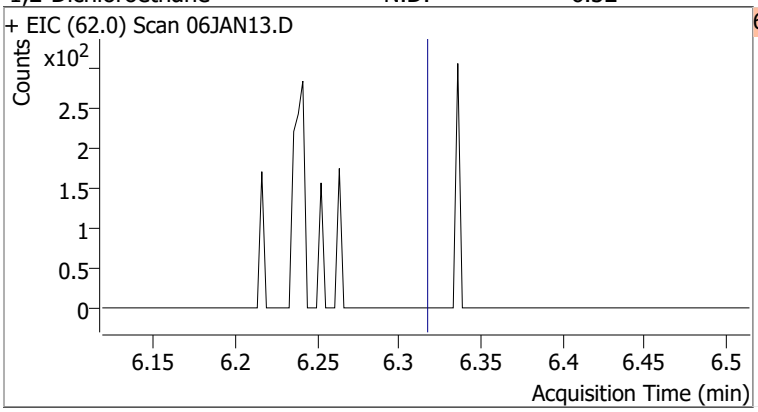


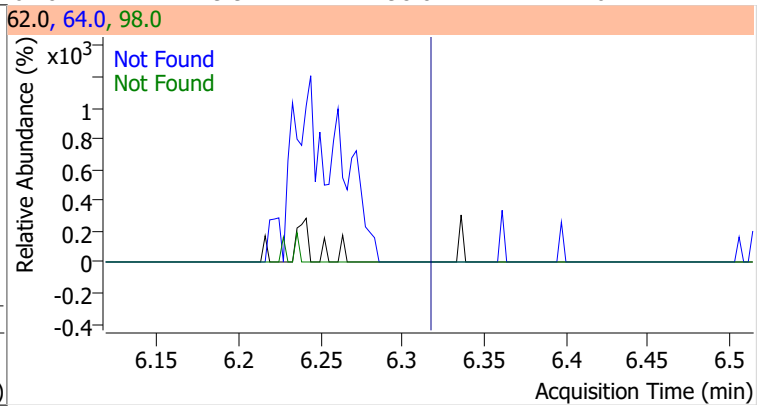
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



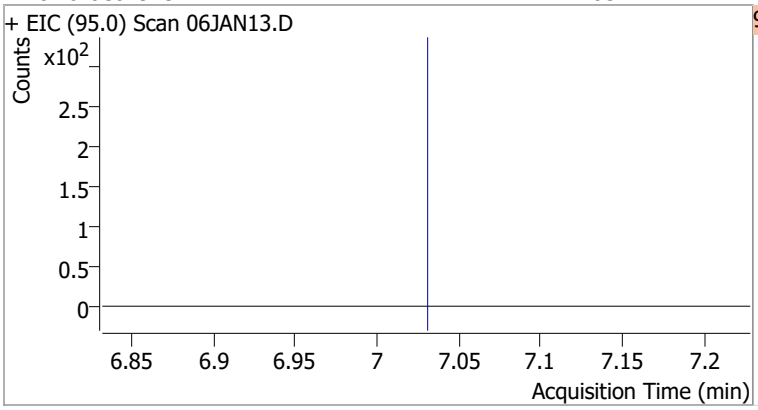


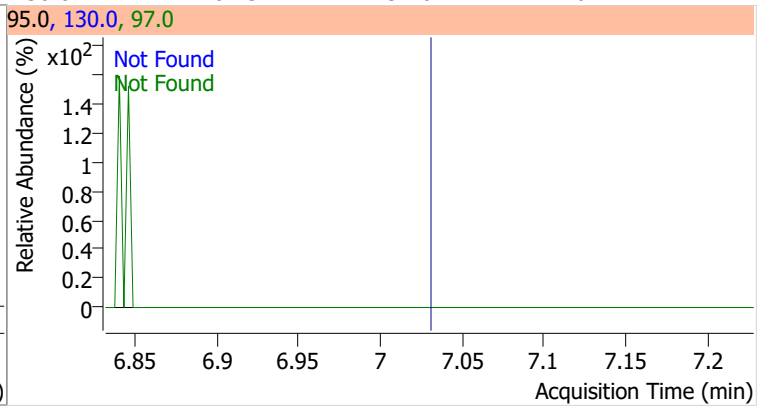
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



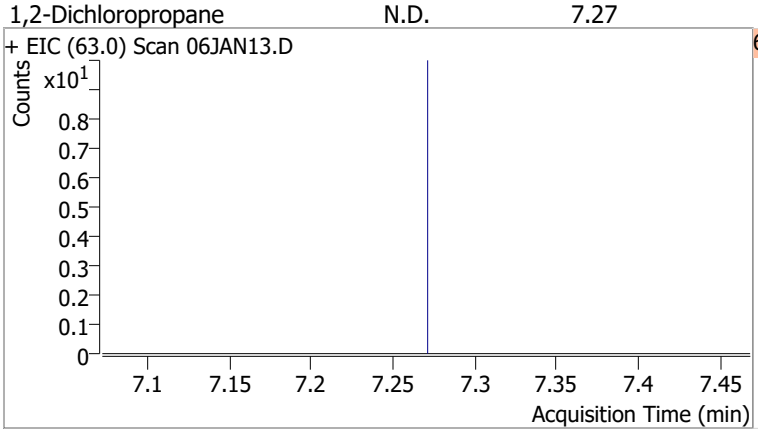


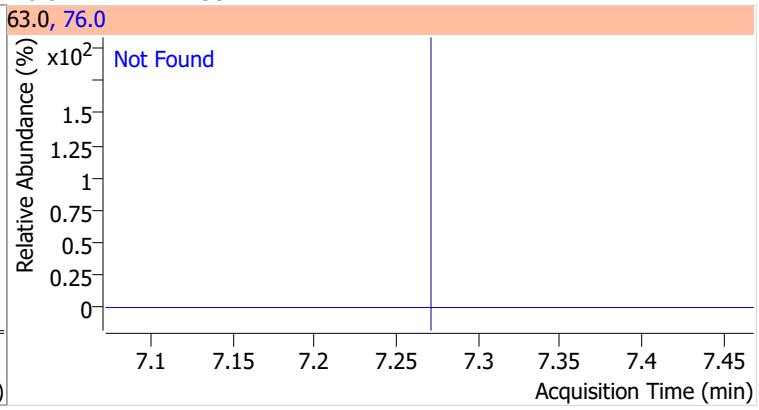
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



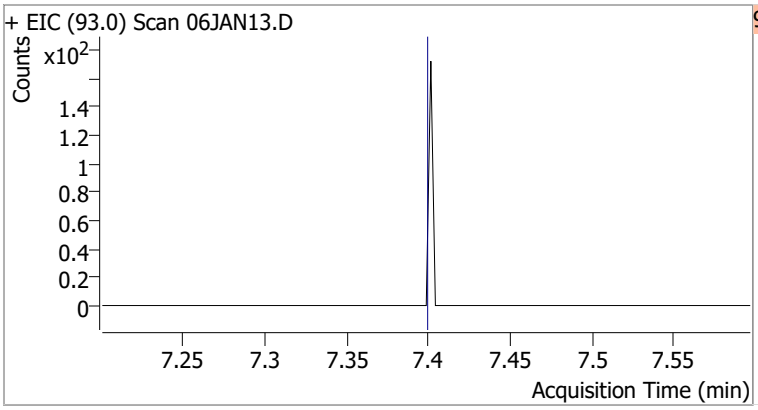


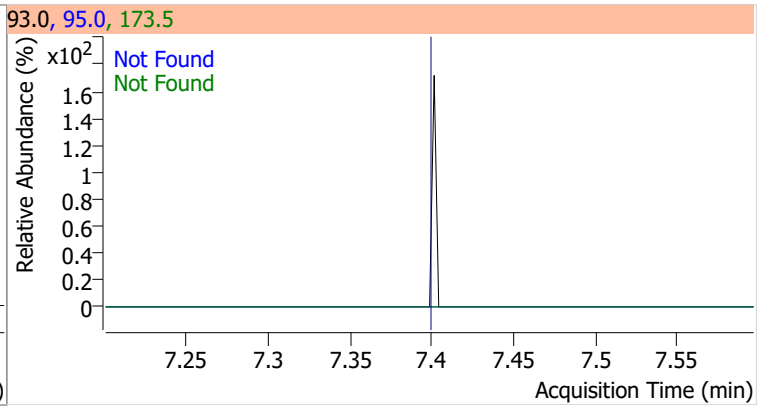
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



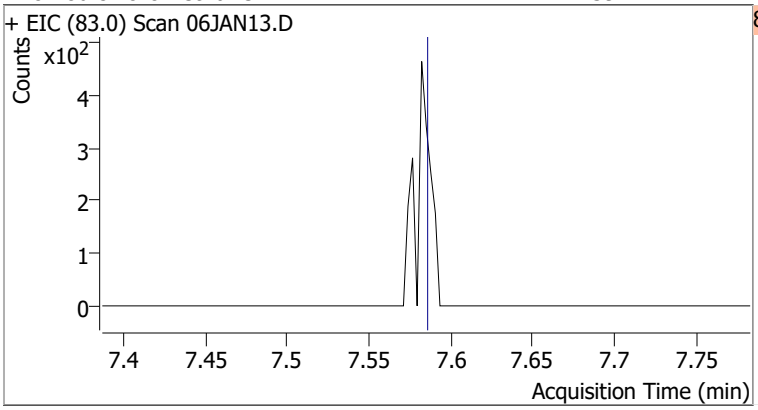


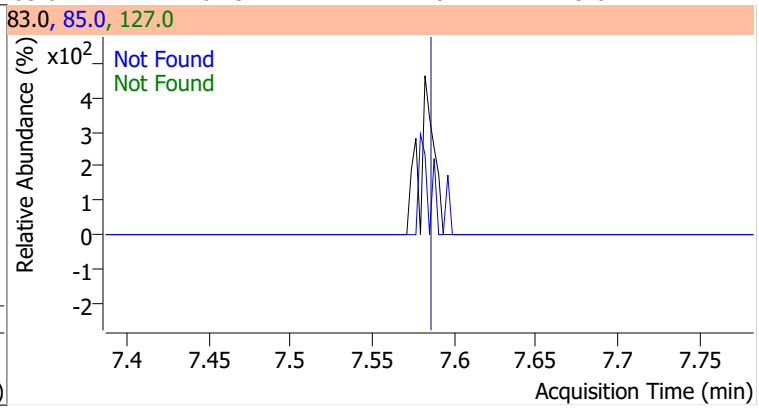
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



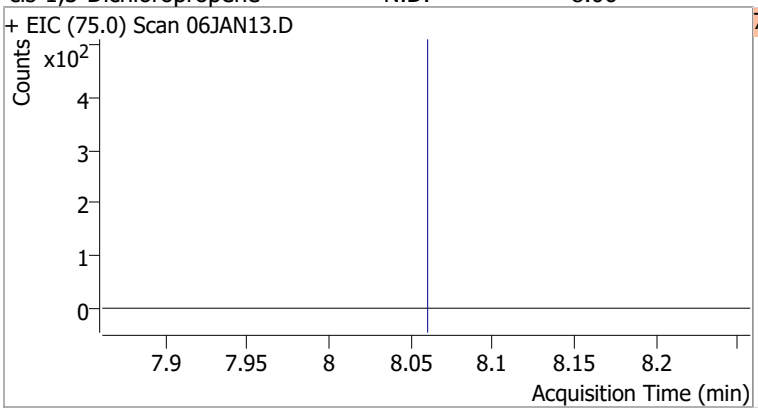


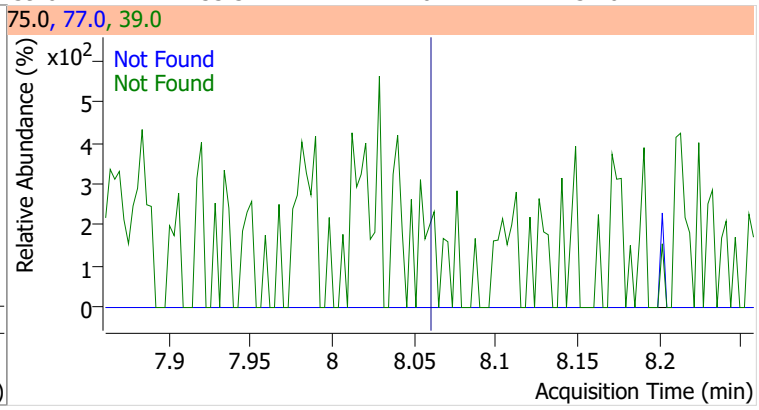
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



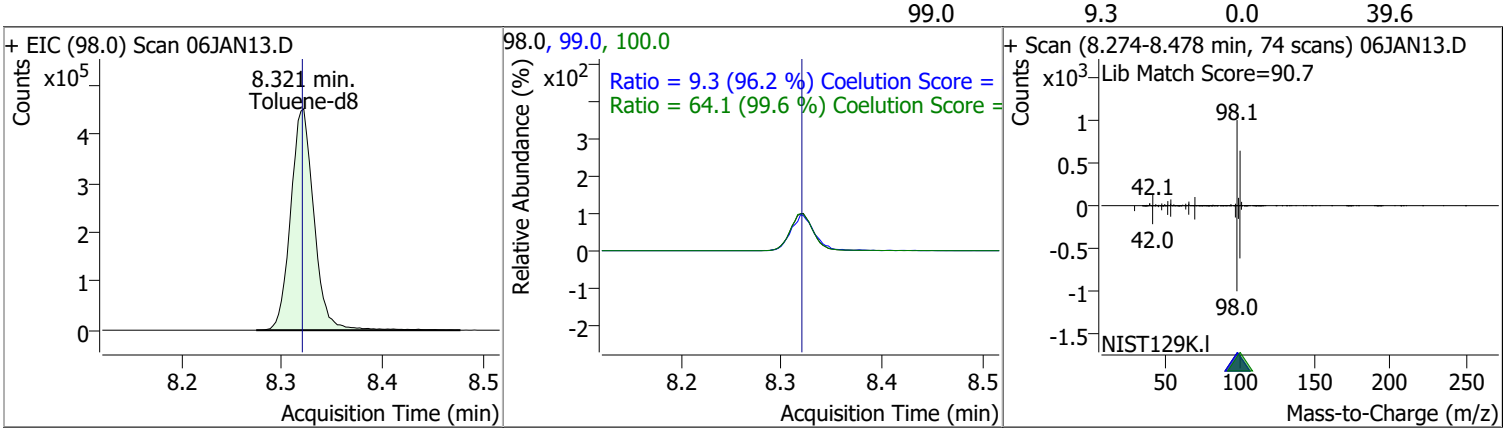


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

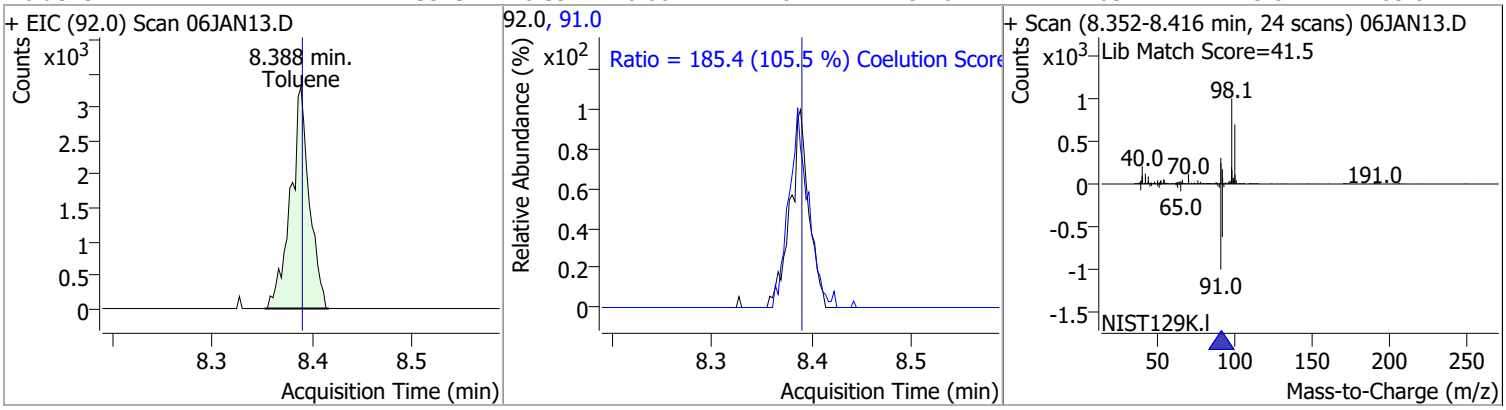




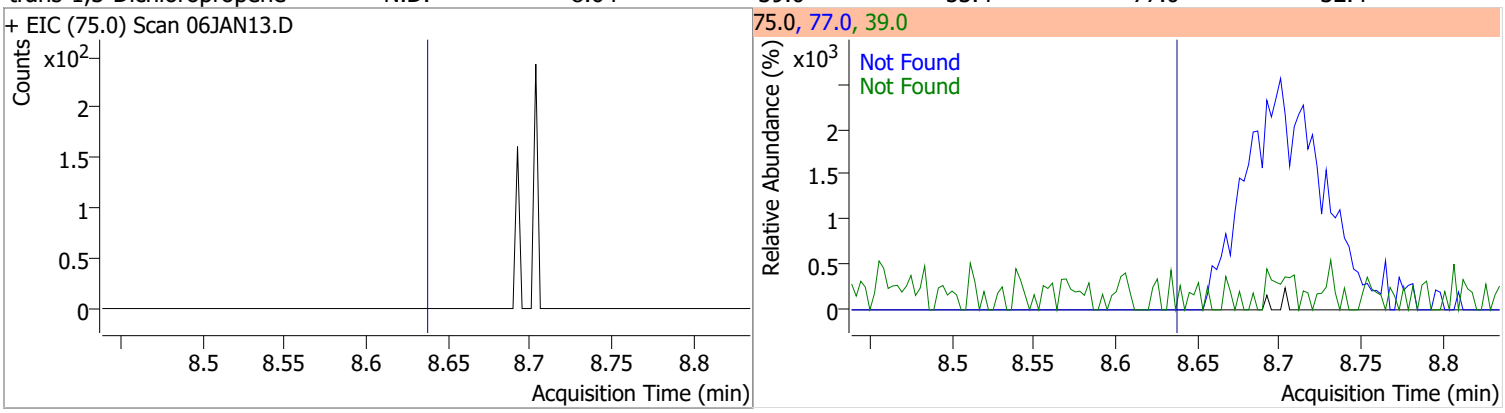
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	268.0501	8.32	0.00	728673	100.0	64.1	34.4	94.4
					99.0	9.3	0.0	39.6



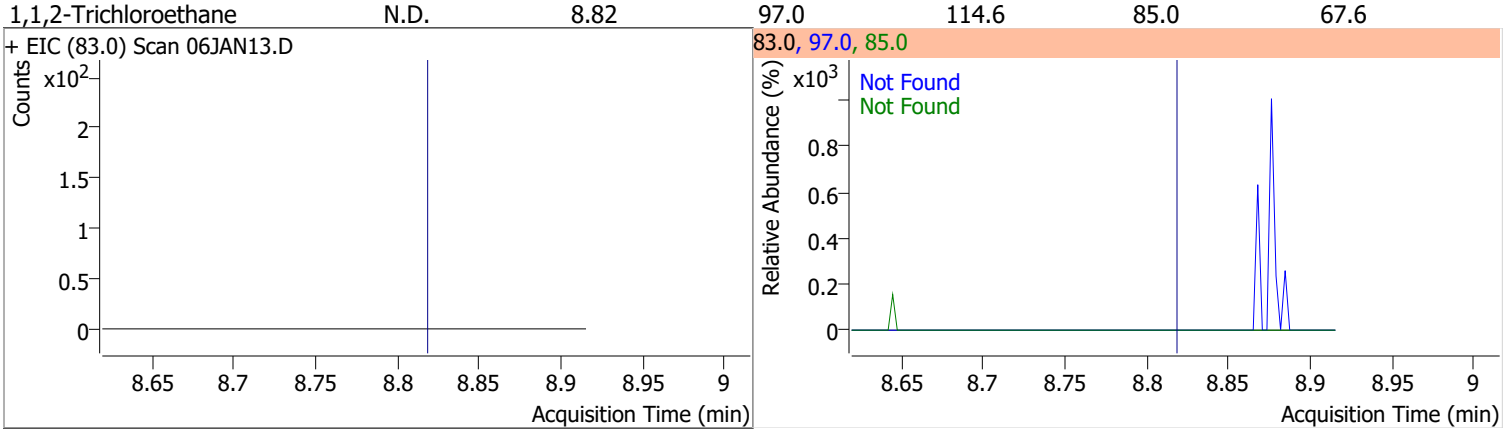
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.3313	8.39	0.00	4281	91.0	185.4	145.8	205.8



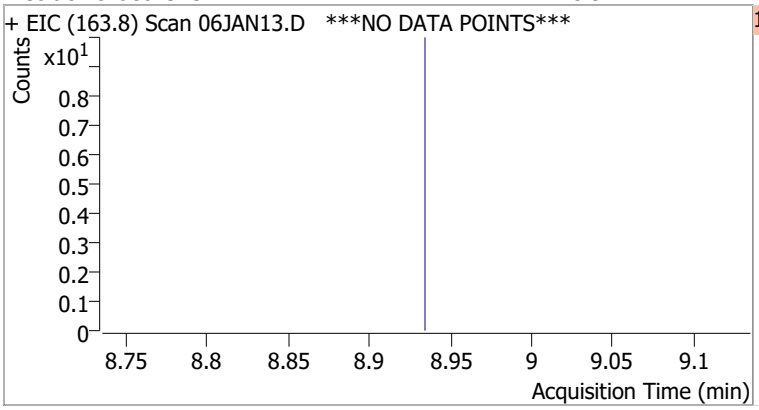
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

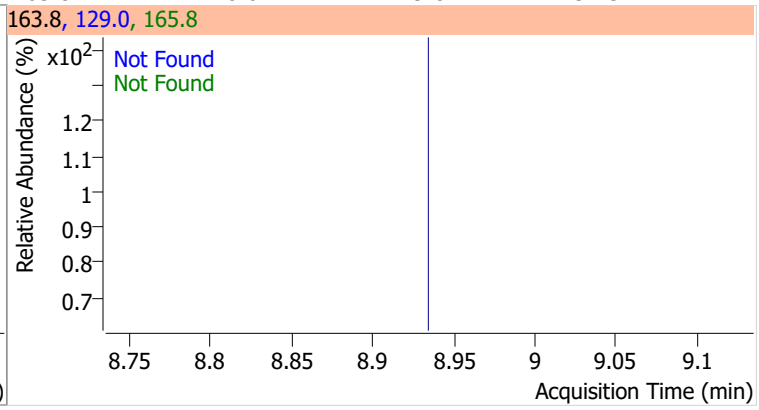


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

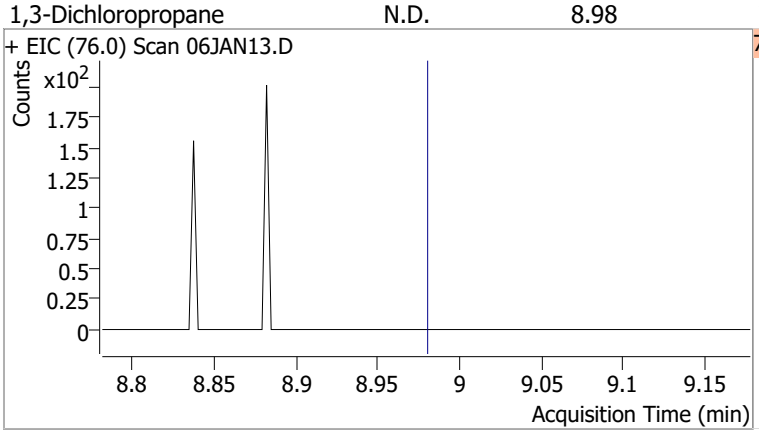


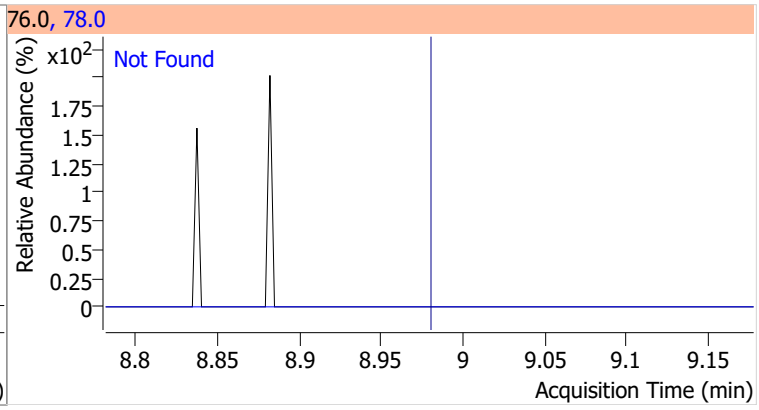
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



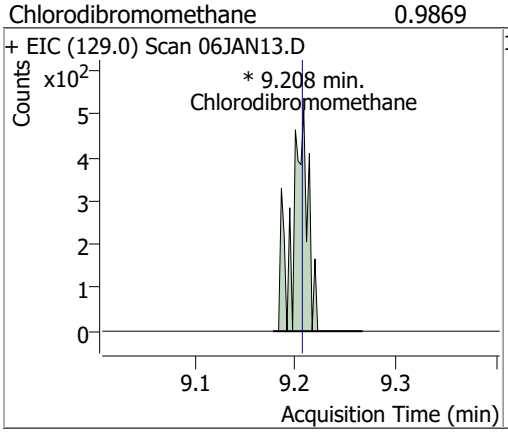


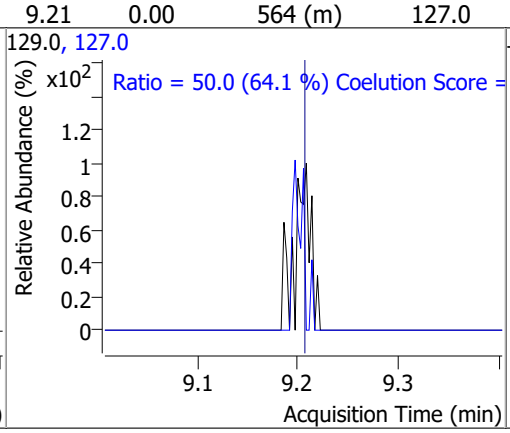
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9

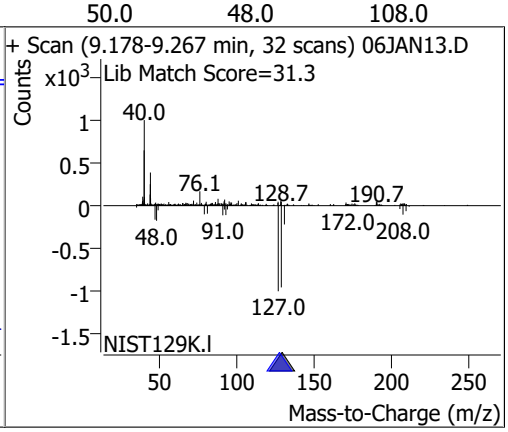




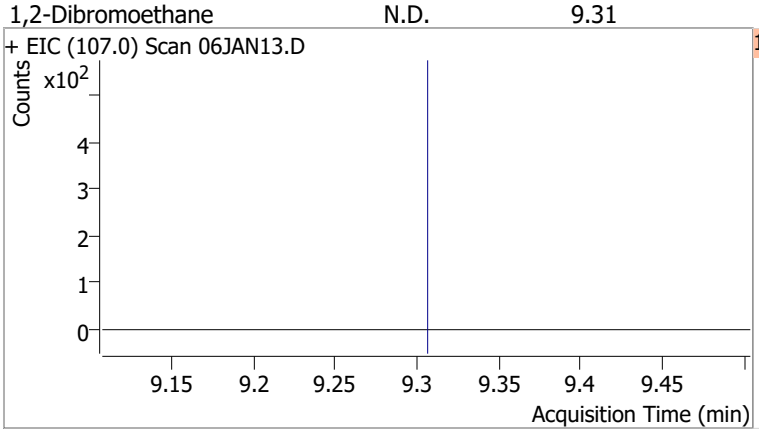
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	0.9869	9.21	0.00	564 (m)	127.0	50.0	48.0	108.0

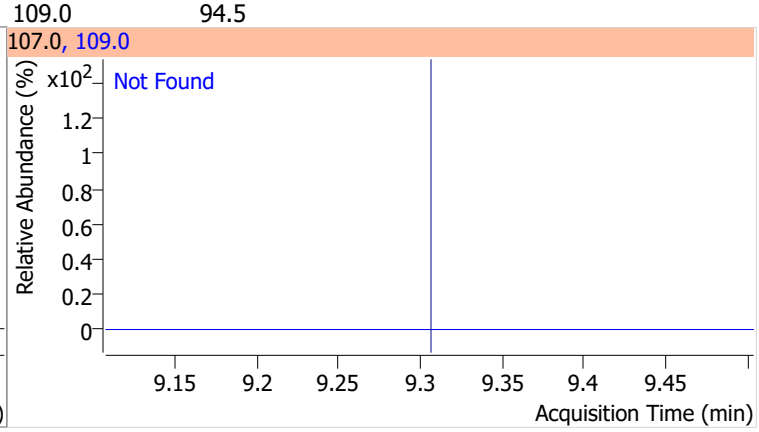




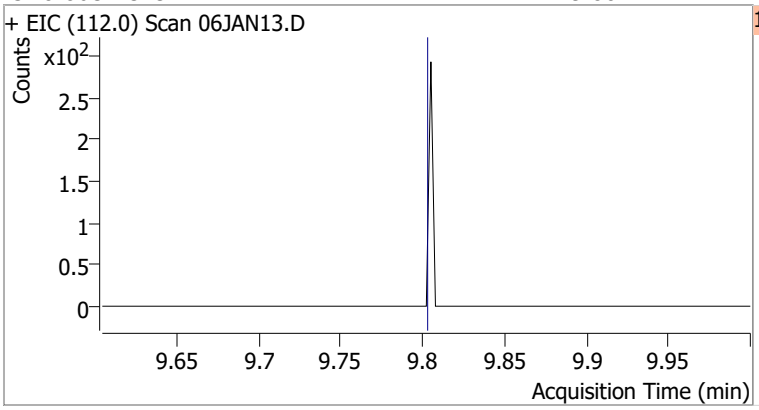


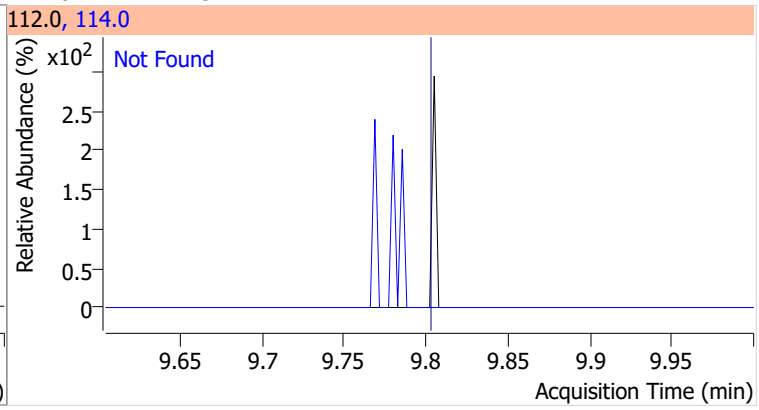
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



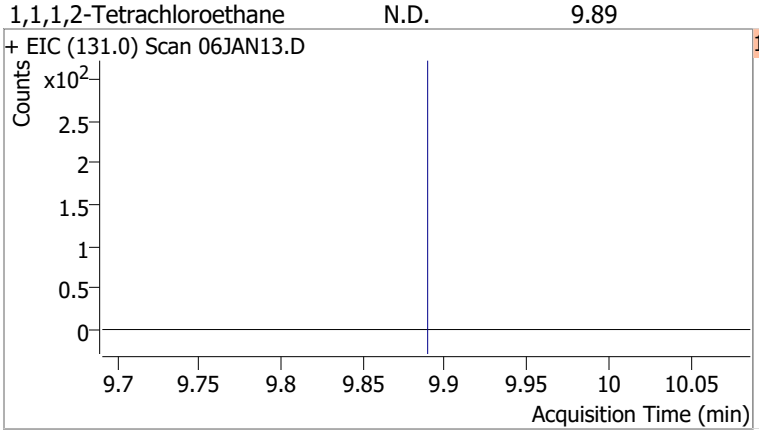


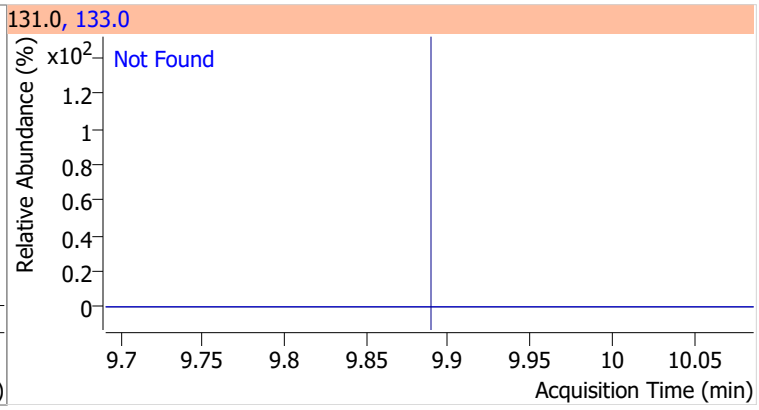
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



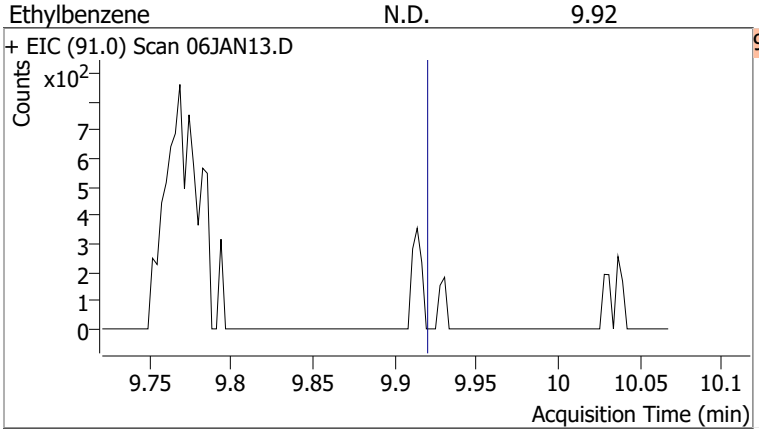


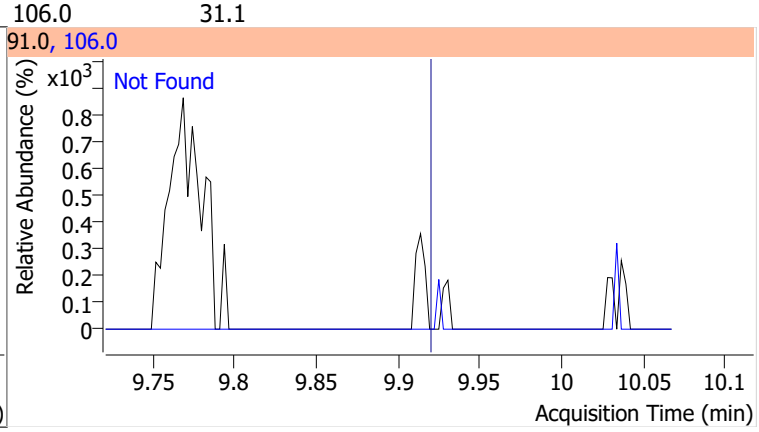
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



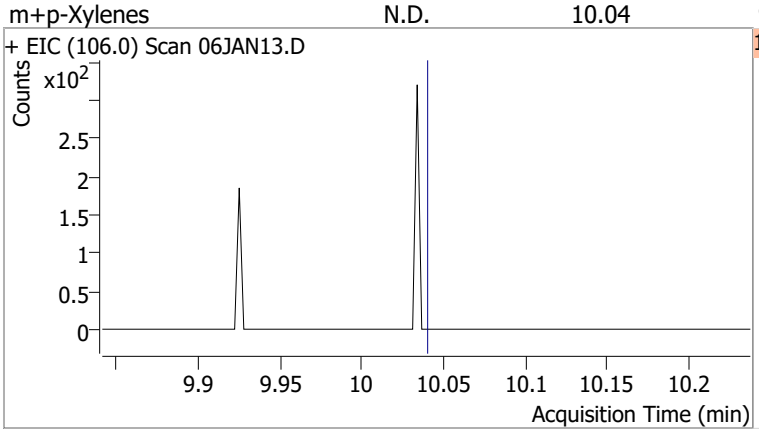


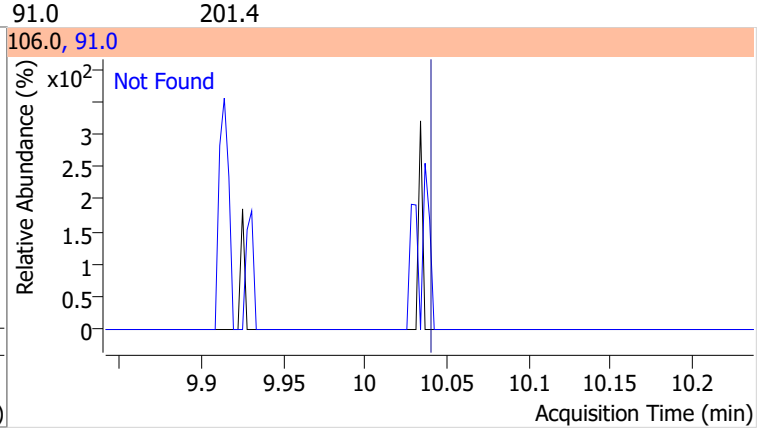
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



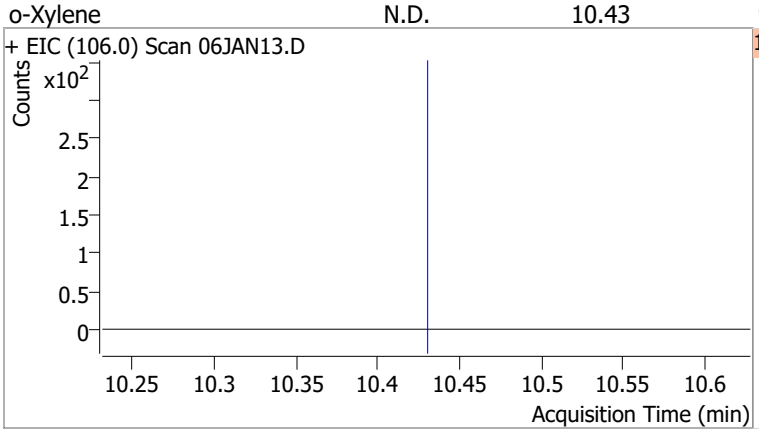


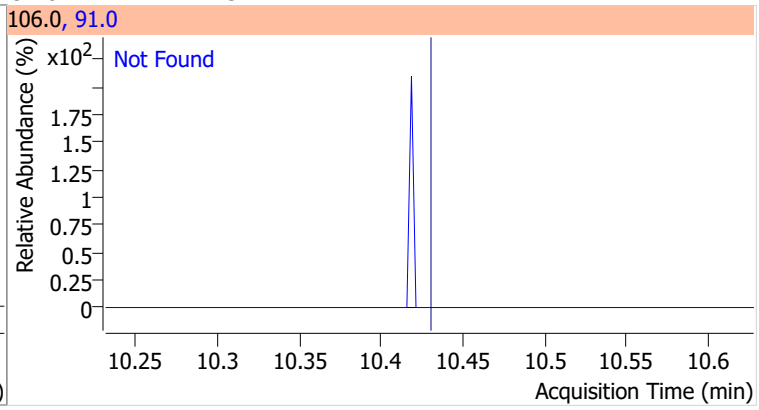
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



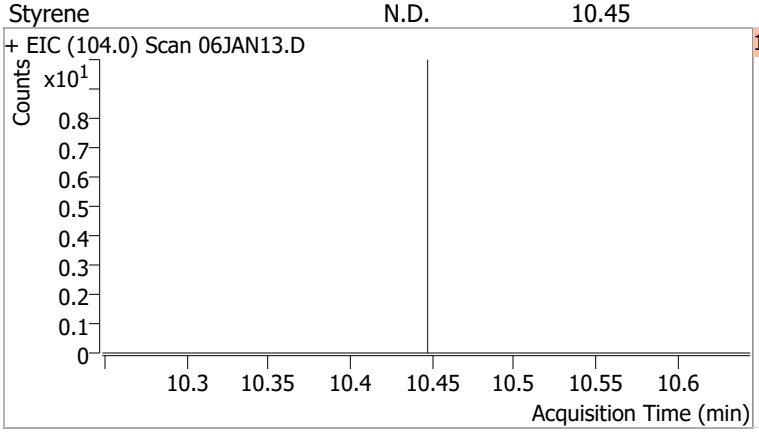


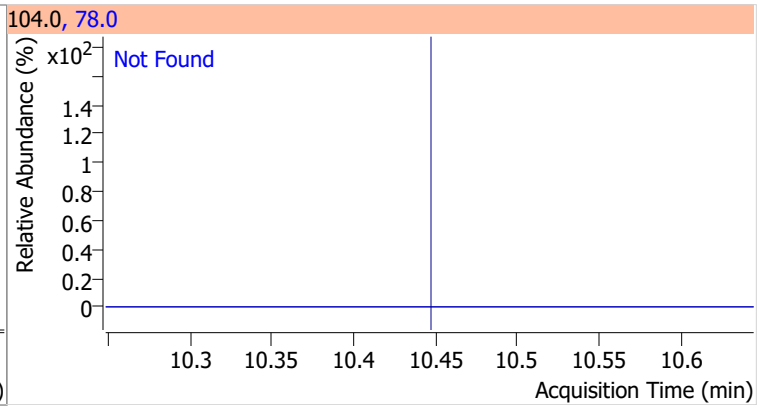
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



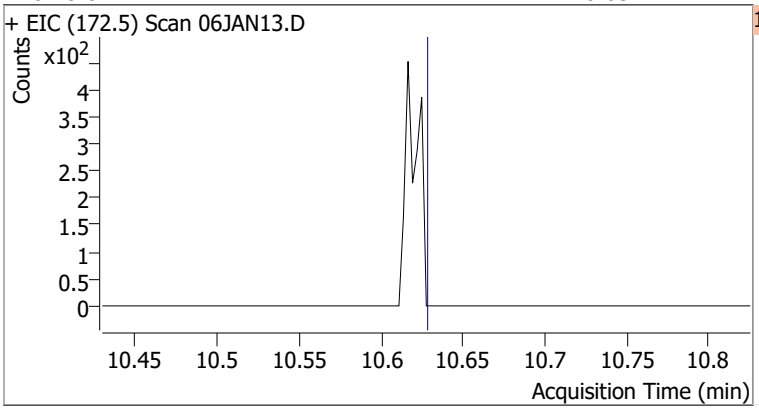


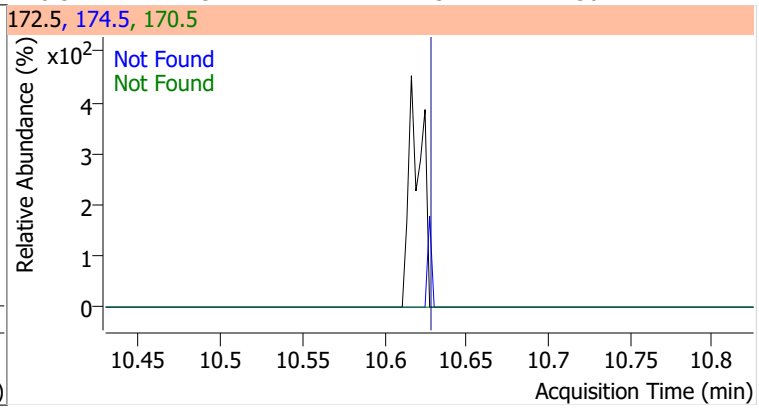
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



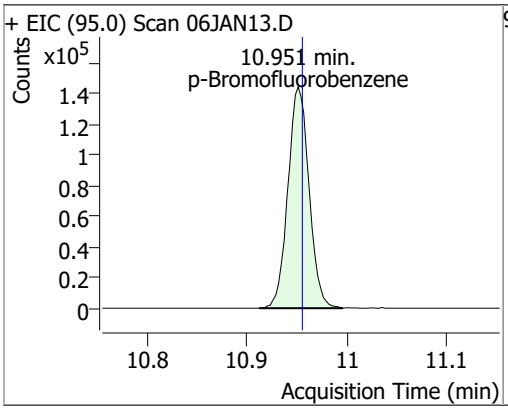


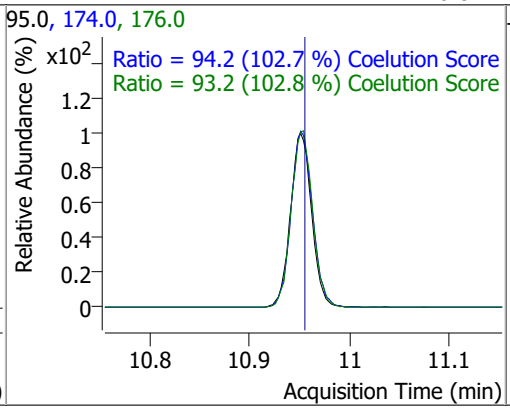
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

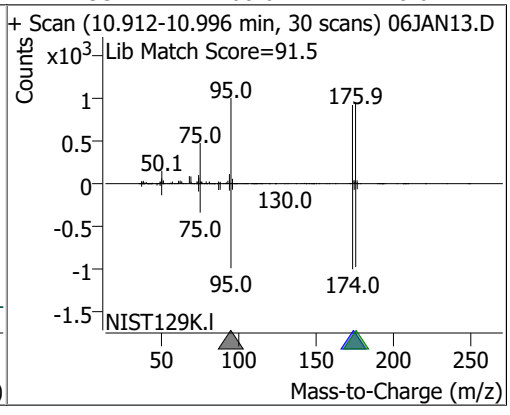




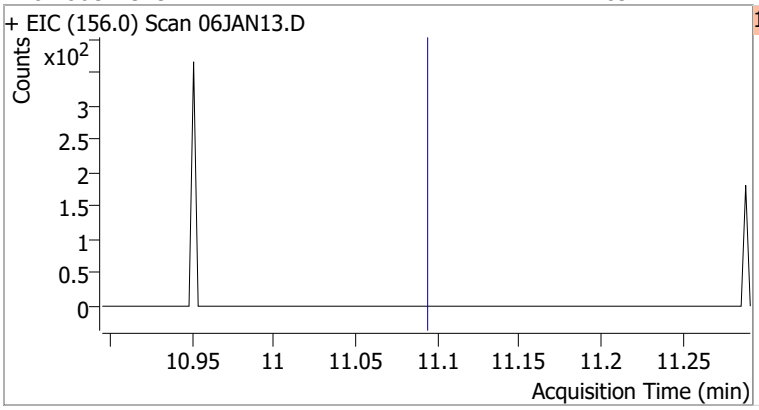
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	268.3457	10.95	0.00	211244	174.0	94.2	61.7	121.7
					176.0	93.2	60.6	120.6

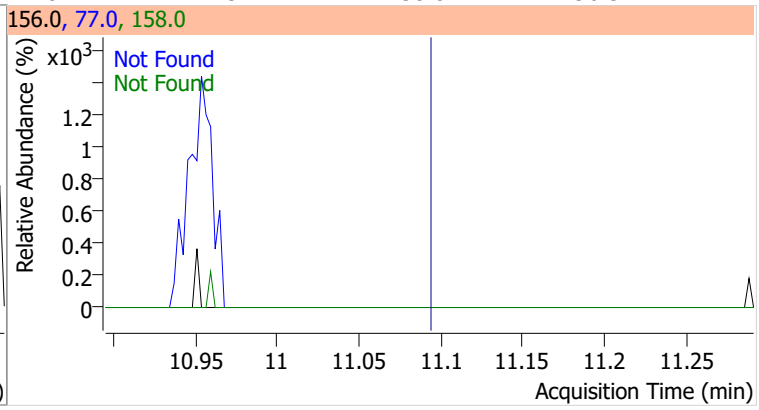




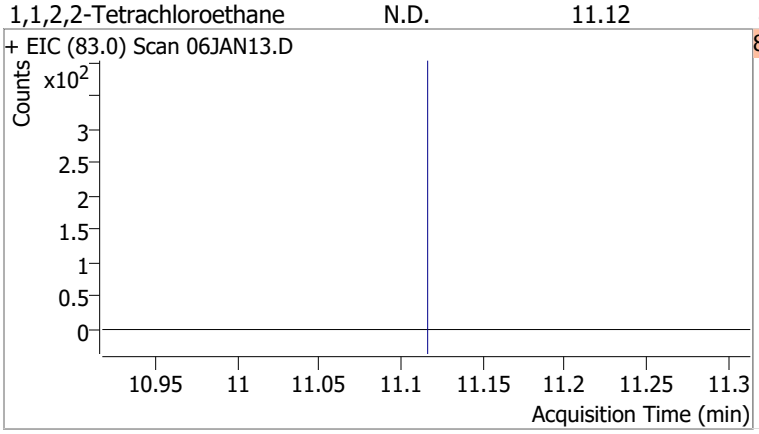


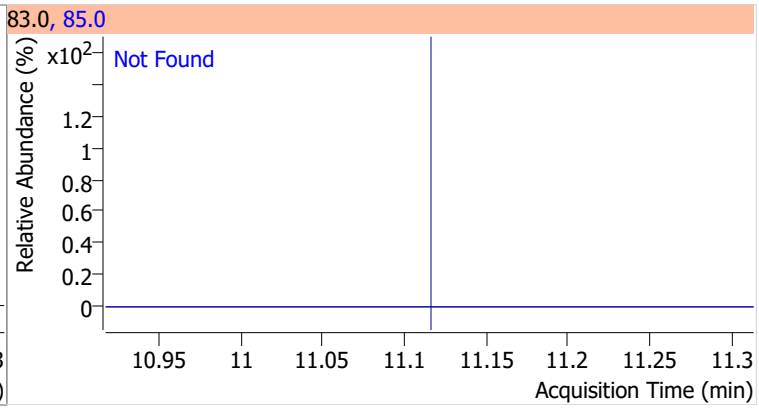
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



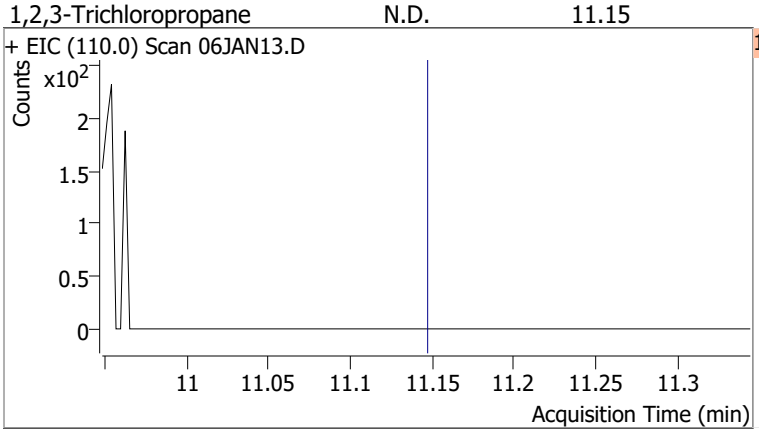


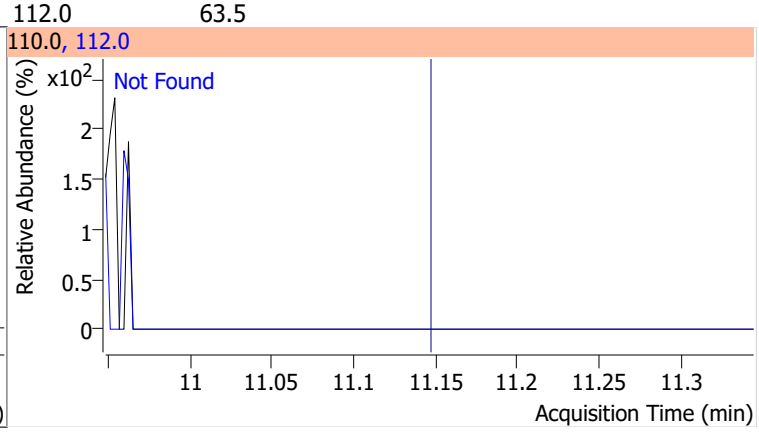
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



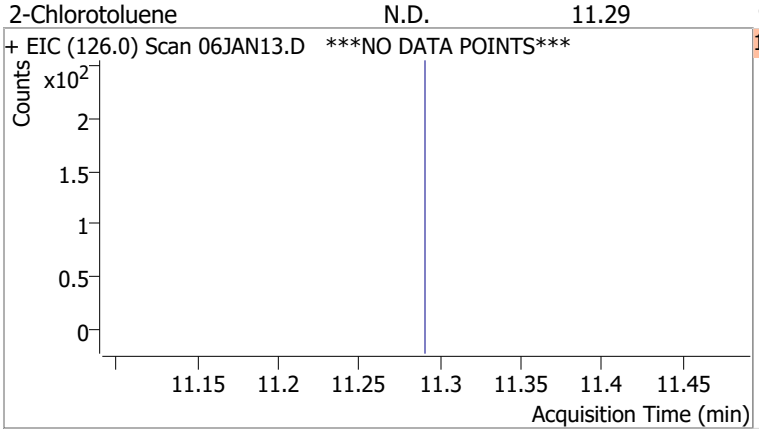


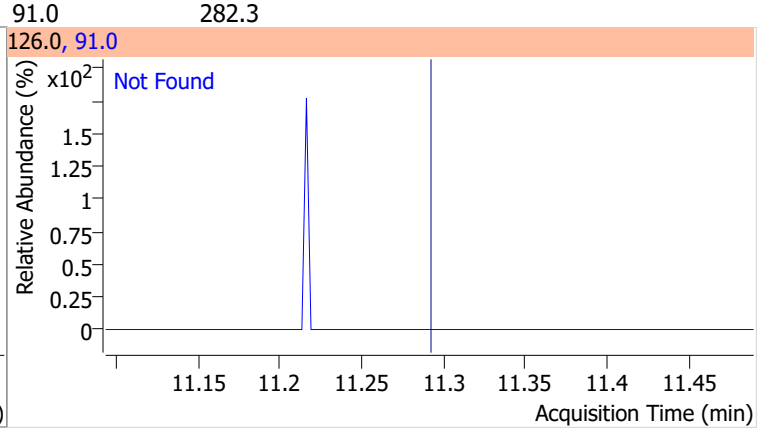
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



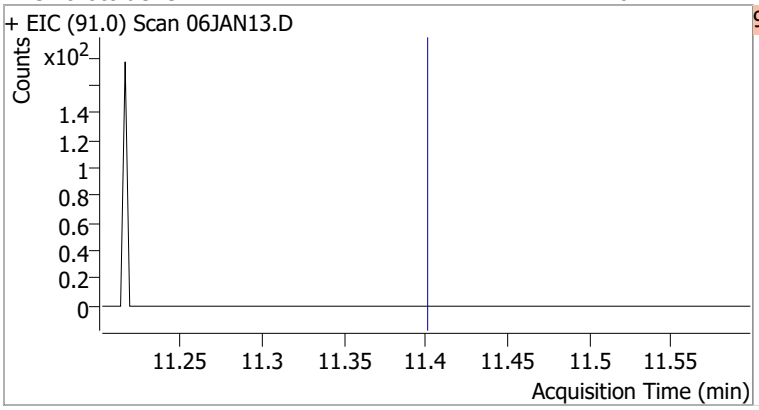


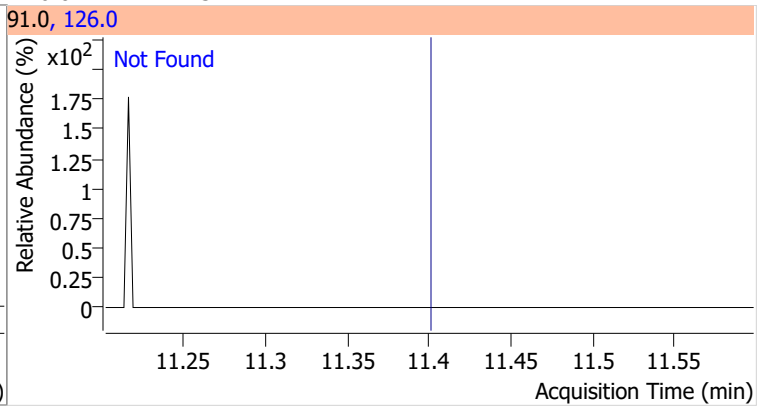
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



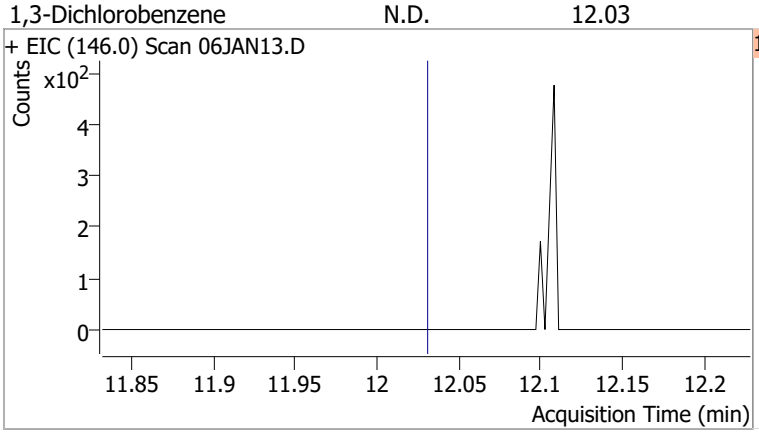


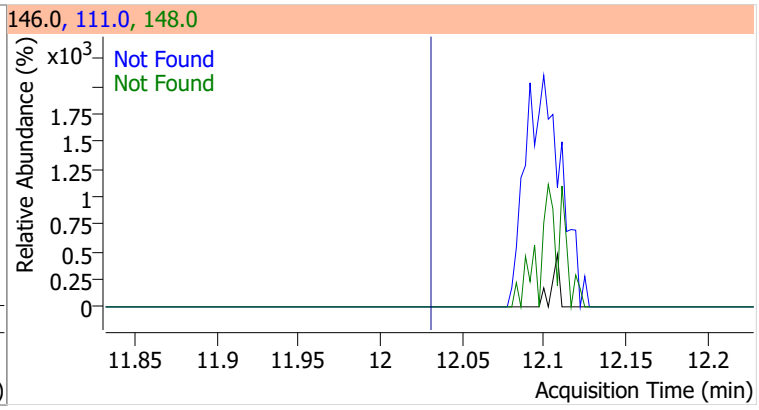
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



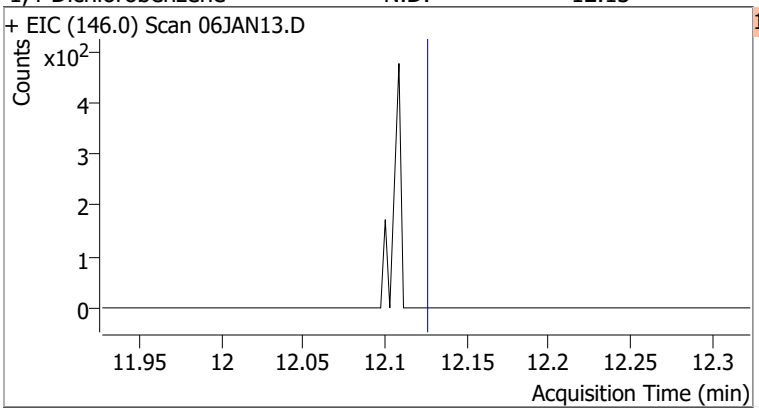


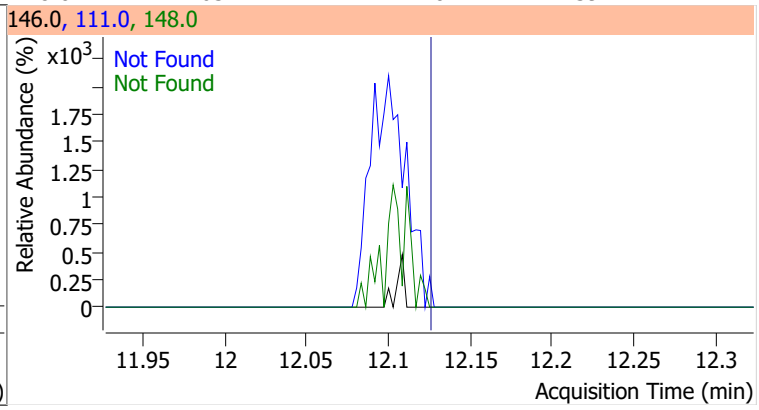
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



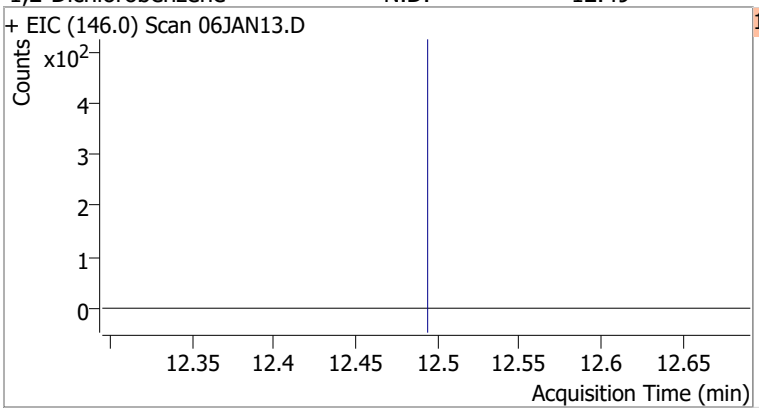


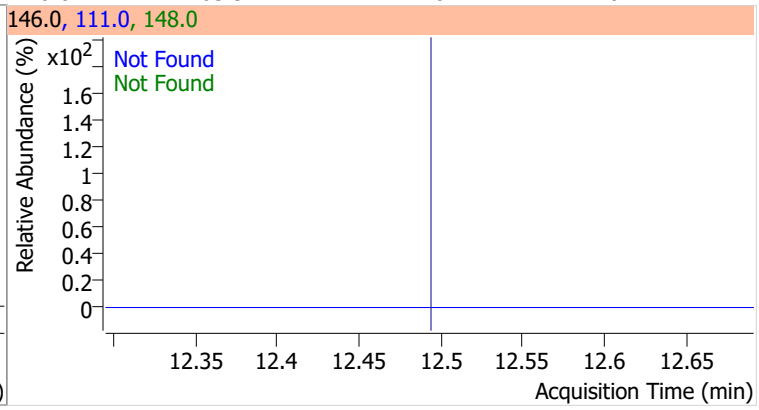
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0

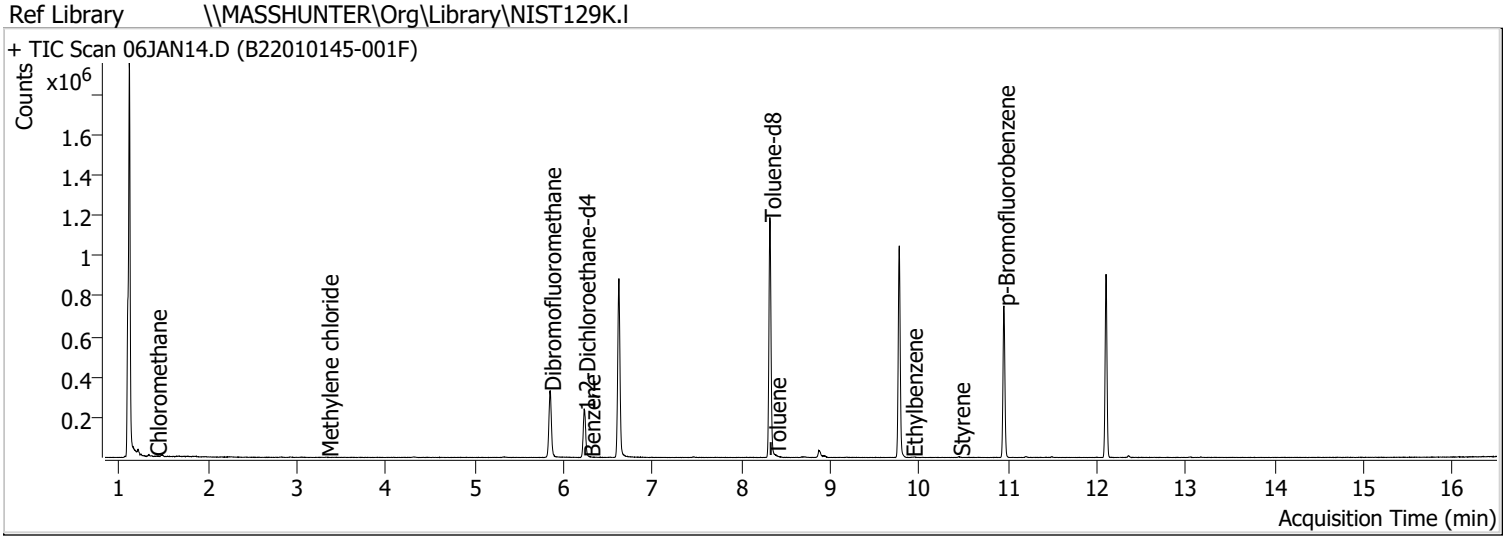




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	06JAN14.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 3:49:44 PM
Sample Name	B22010145-001F	Instrument	VOA5975C
Vial	14	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

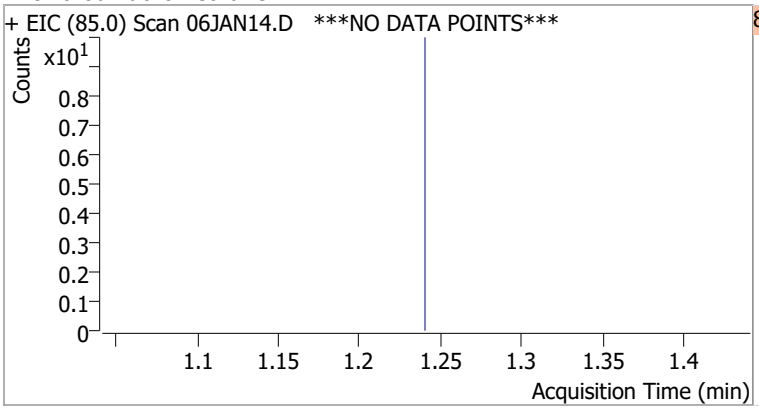


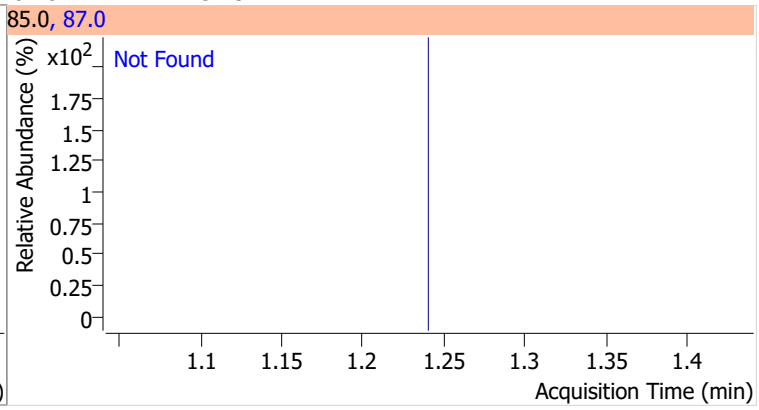
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	727671	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	281793	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	216676	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	193322	281.9996	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 112.80%			
S 1,2-Dichloroethane-d4	6.233	67.0	84005	283.7012	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 113.48%			
S Toluene-d8	8.322	98.0	735857	270.9839	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 108.39%			
S p-Bromofluorobenzene	10.951	95.0	211977	267.0424	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.82%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.411	50.0	1349	1.1660	ng	m	78
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.344	49.0	697	0.6450	ng	m	73
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	0.000		0	N.D.			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.289	78.0	520	0.1796	ng	m	90
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.377	92.0	1367	0.7450	ng	m	83
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.917	91.0	1429	0.4103	ng	m	83
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	10.449	104.0	2186	1.1268	ng		74
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

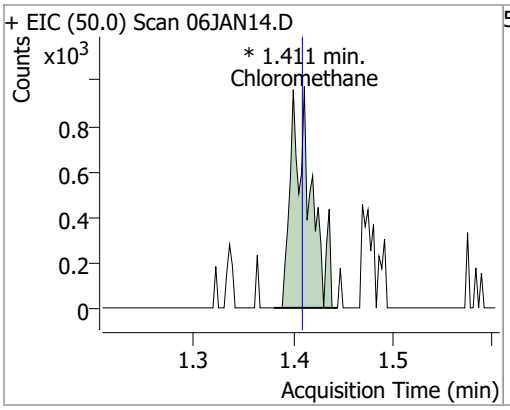
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

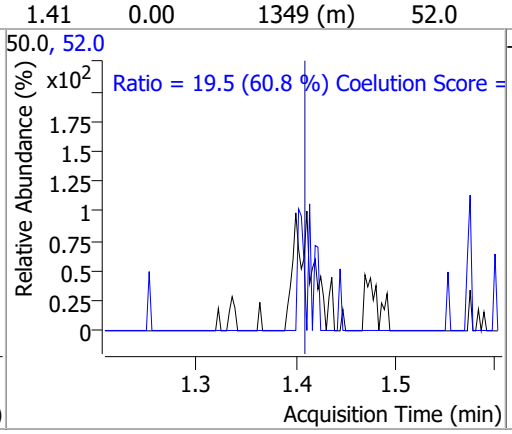
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

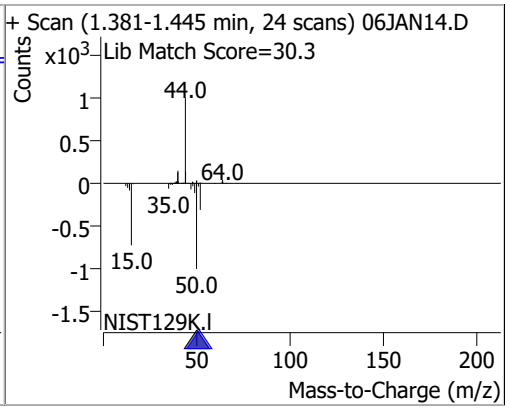




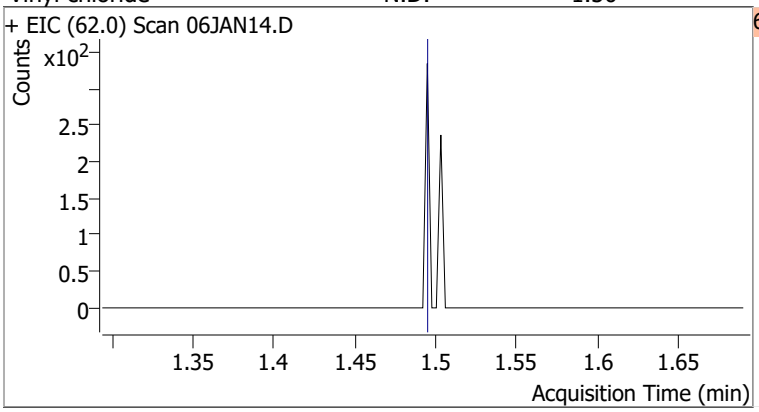
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.1660	1.41	0.00	1349 (m)	52.0	19.5	2.1	62.1

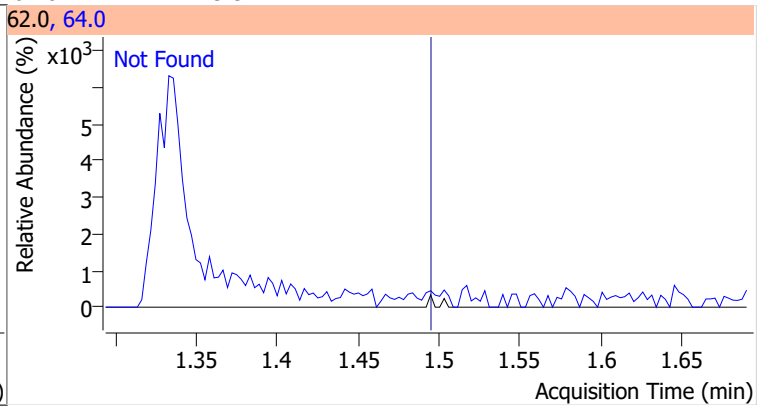




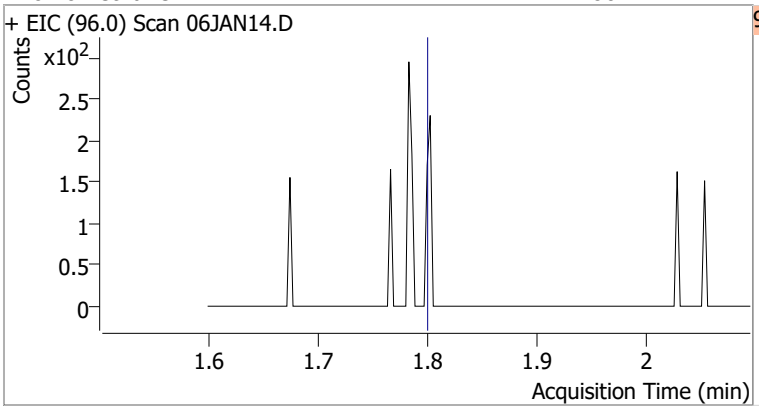


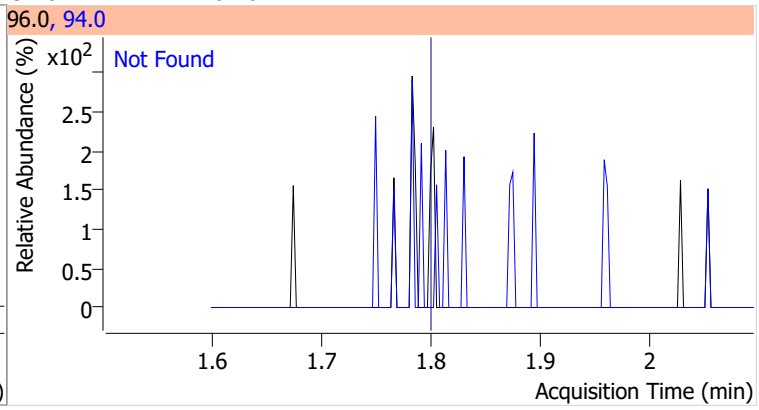
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



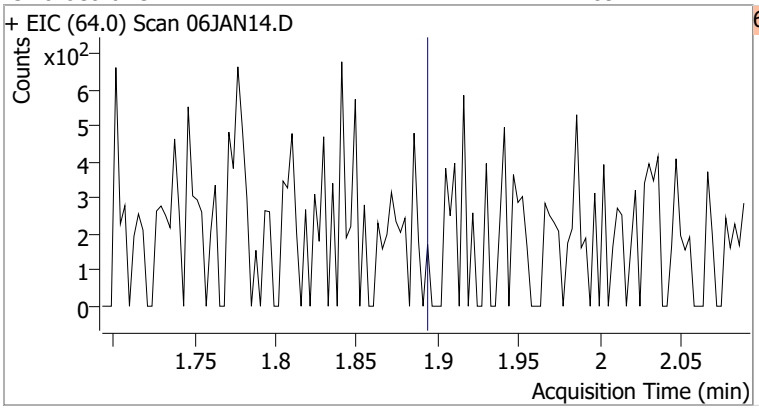


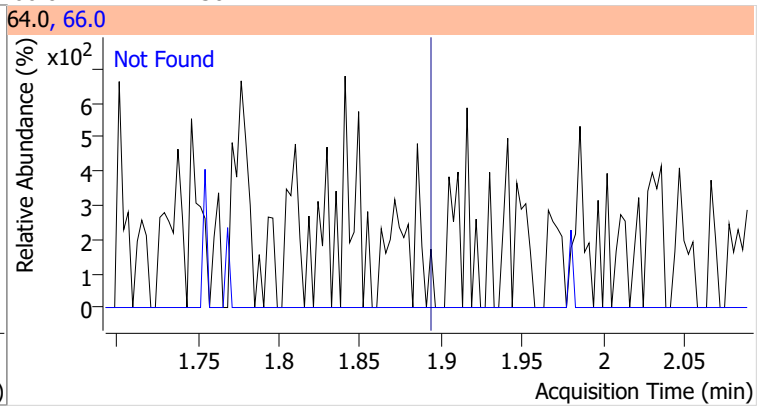
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



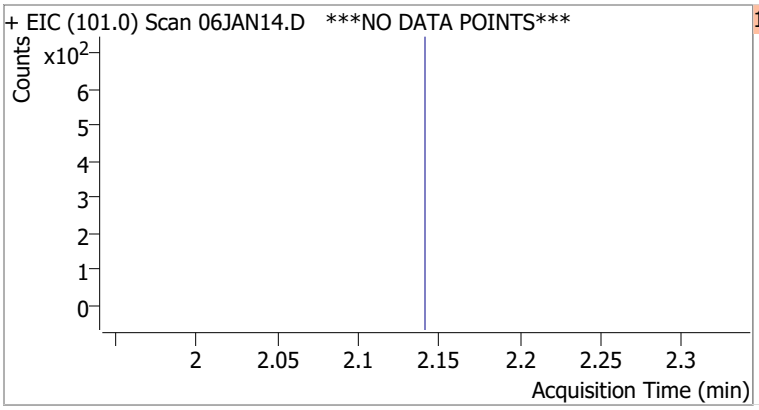


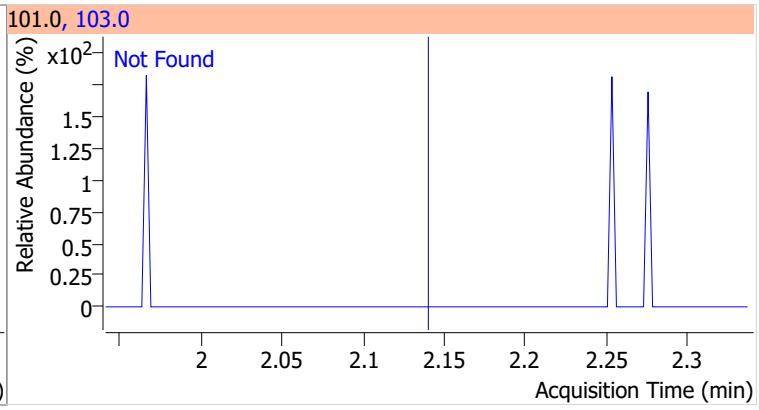
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



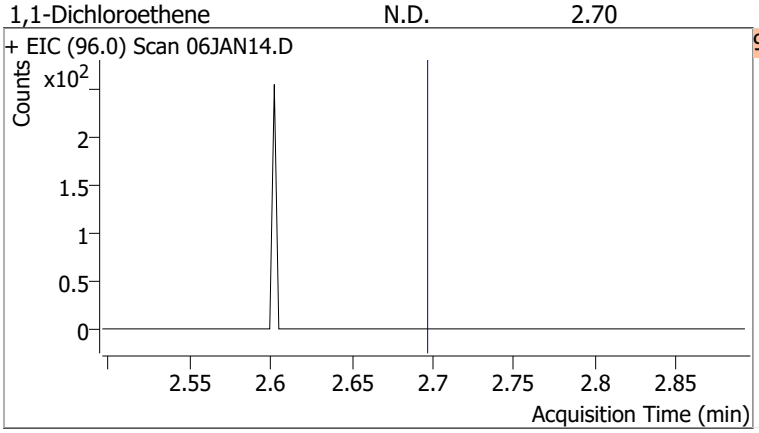


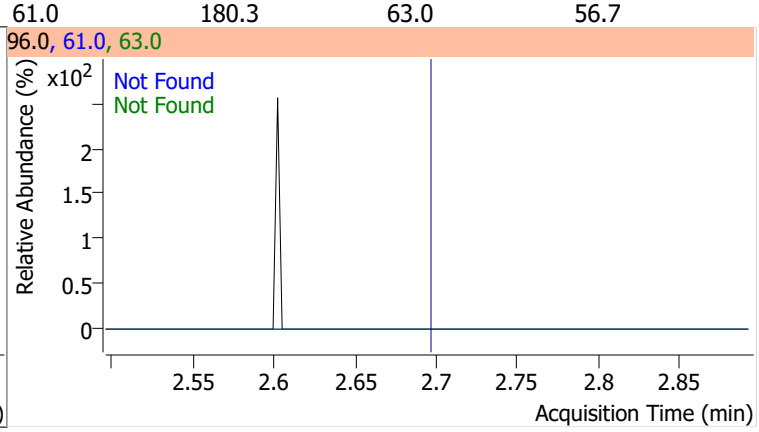
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



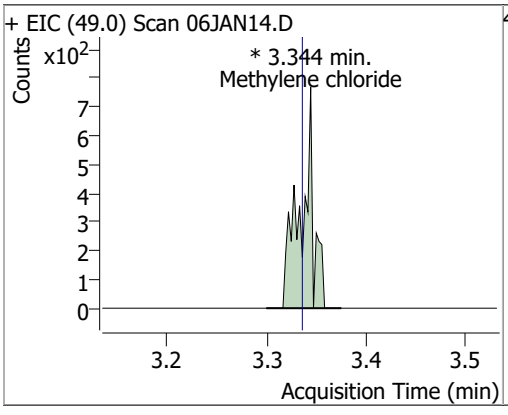


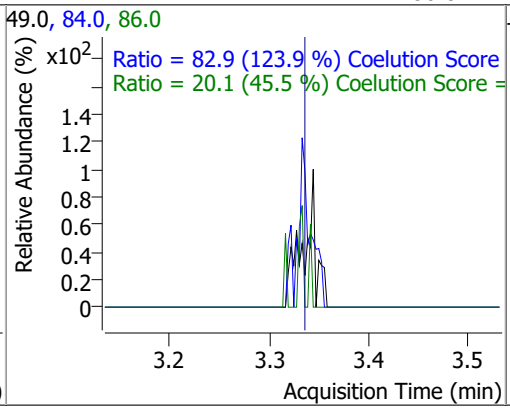
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

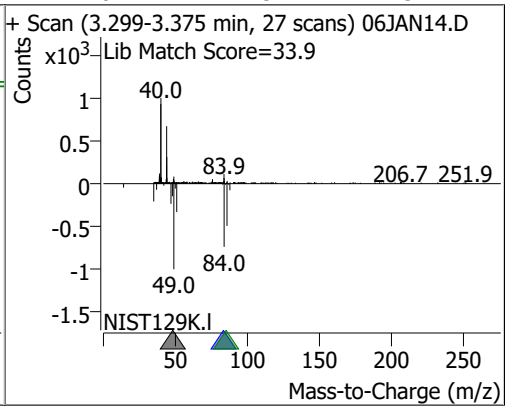




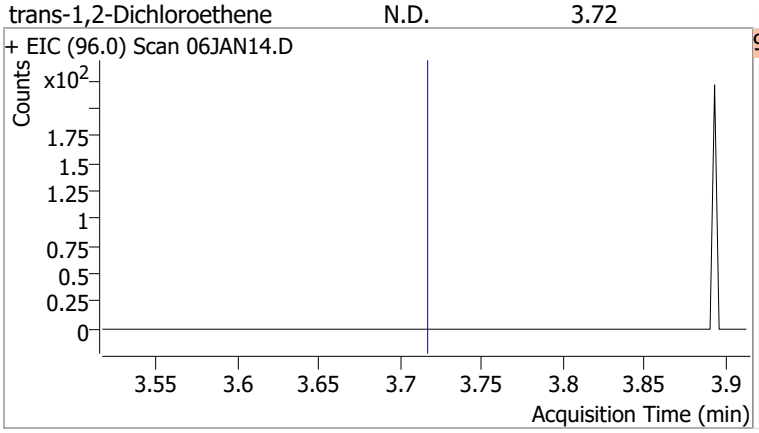
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.6450	3.34	0.01	697 (m)	84.0	82.9	36.9	96.9
					86.0	20.1	14.3	74.3

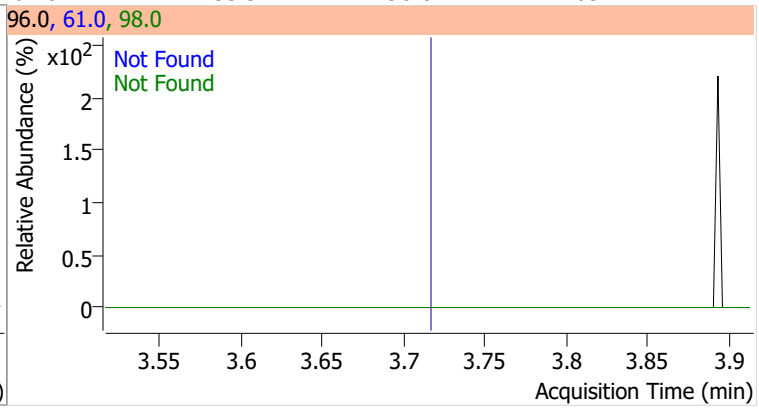




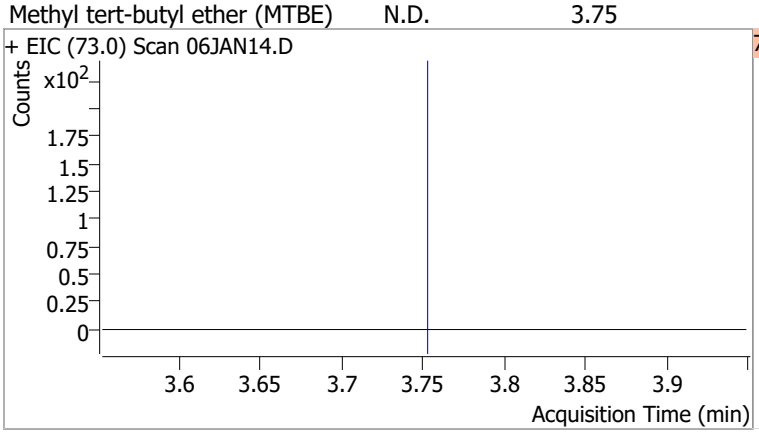


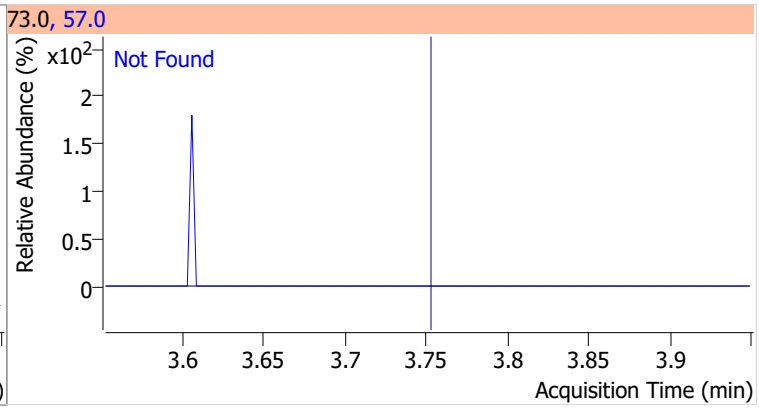
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



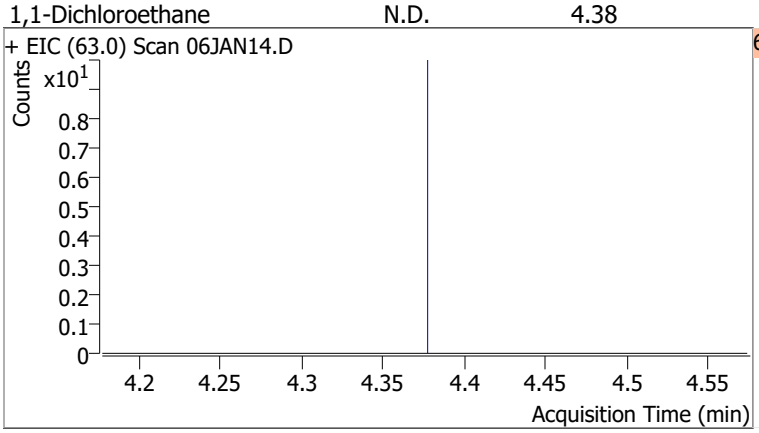


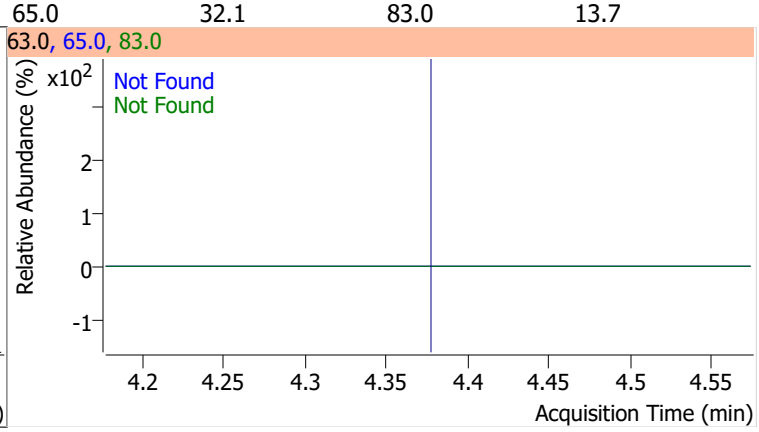
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



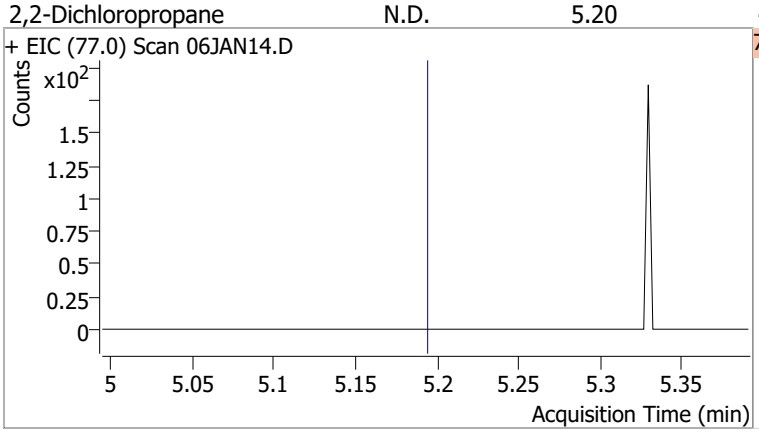


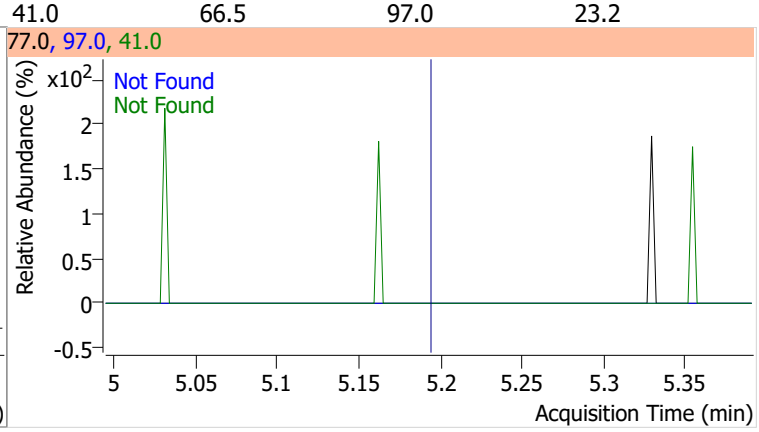
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



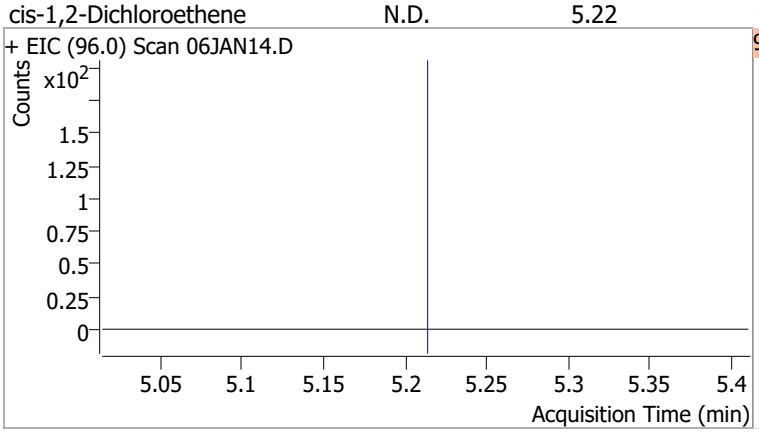


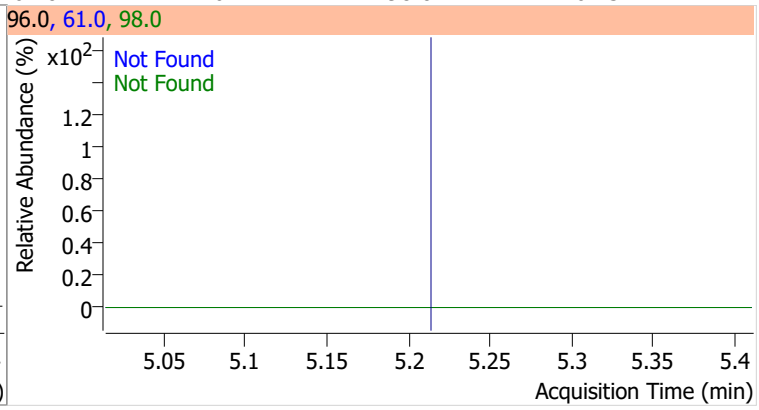
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



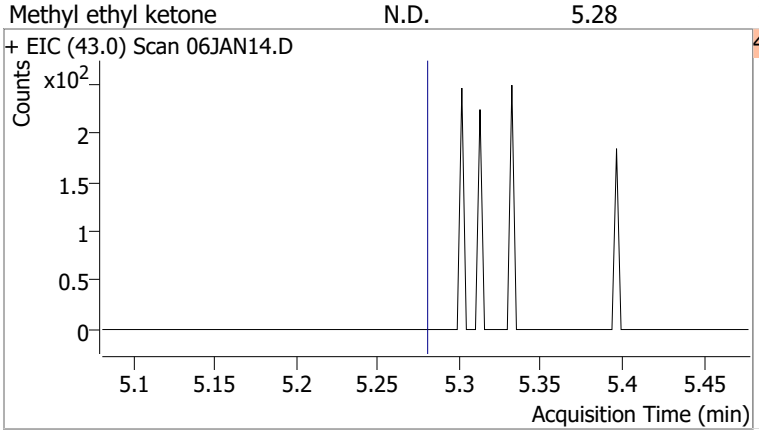


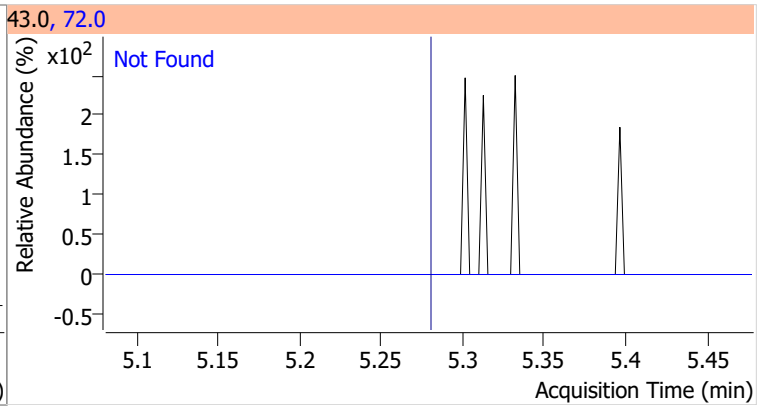
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



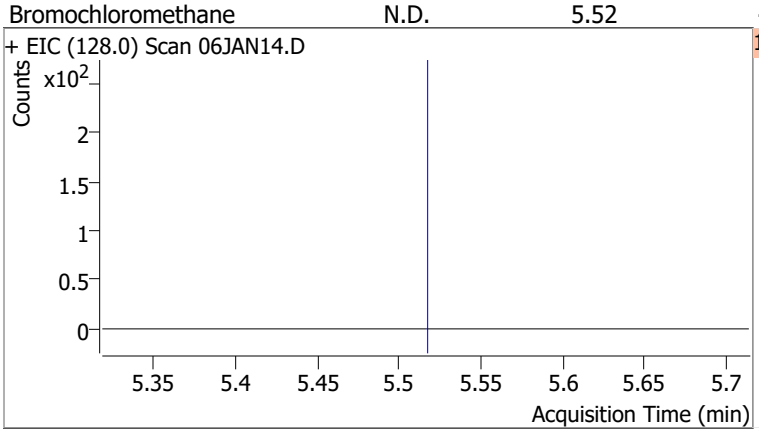


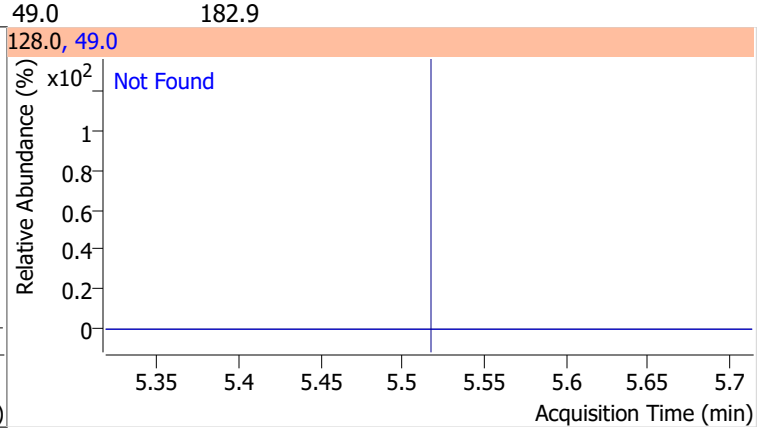
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



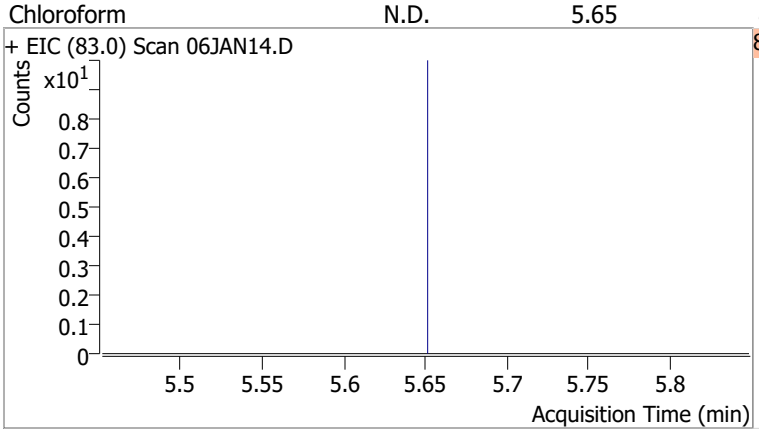


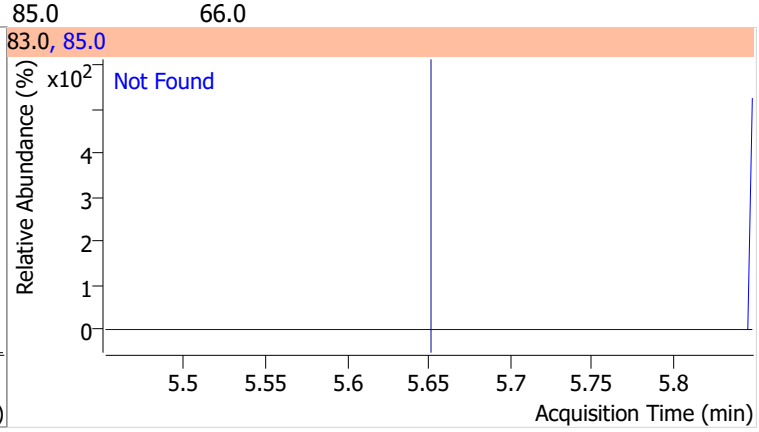
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



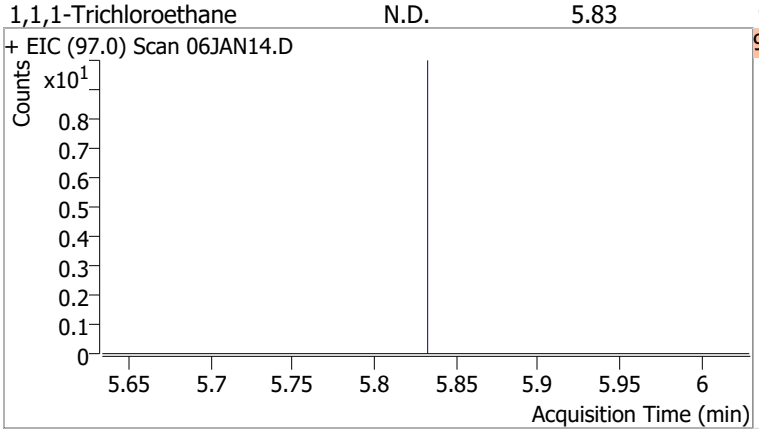


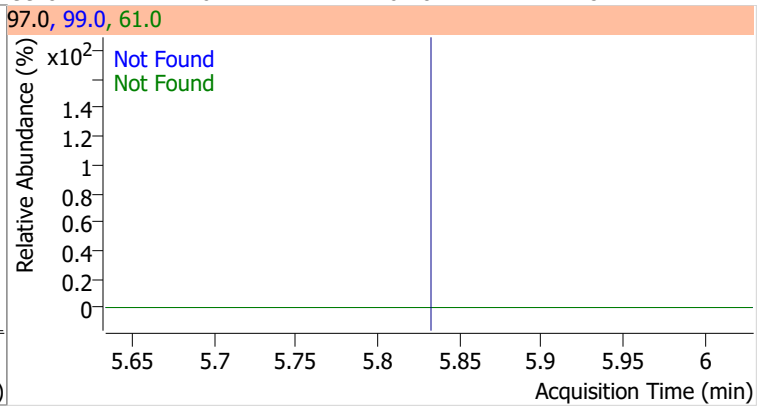
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.0



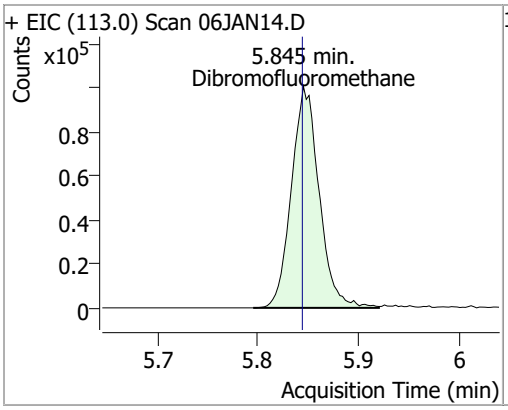


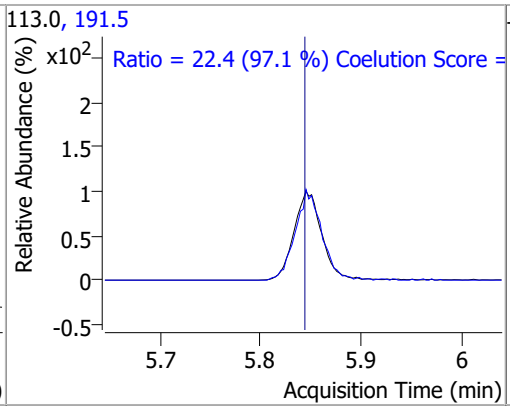
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

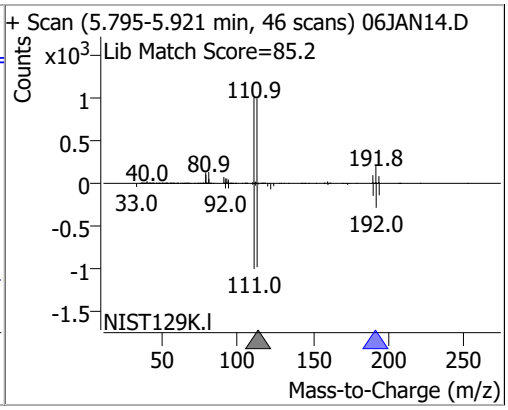




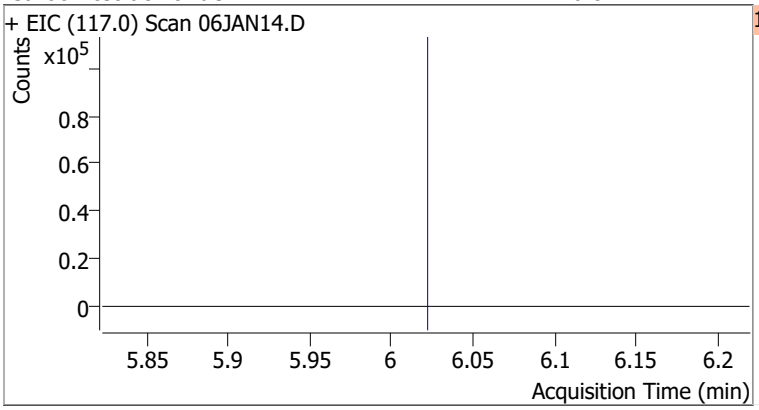
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	281.9996	5.85	0.00	193322	191.5	22.4	0.0	53.1

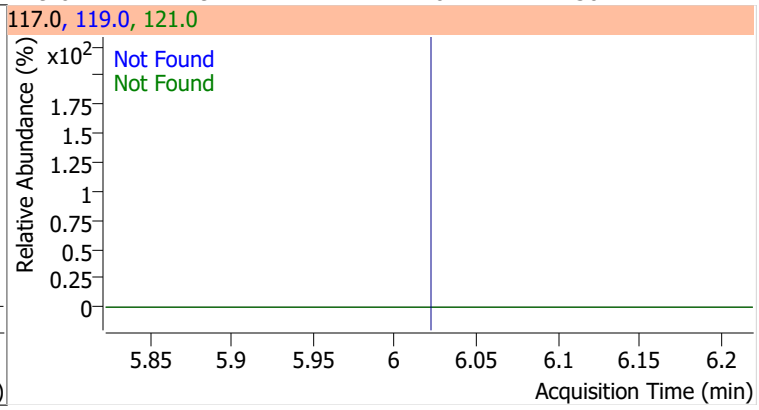




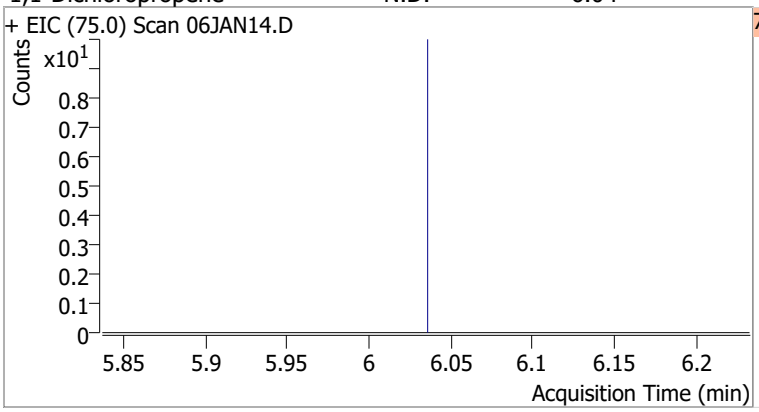


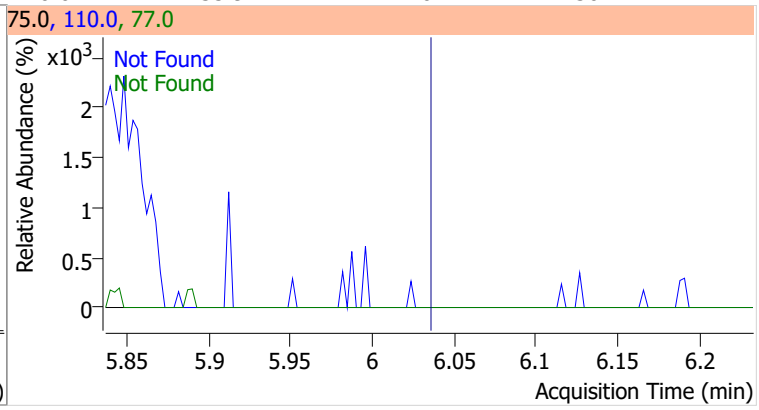
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



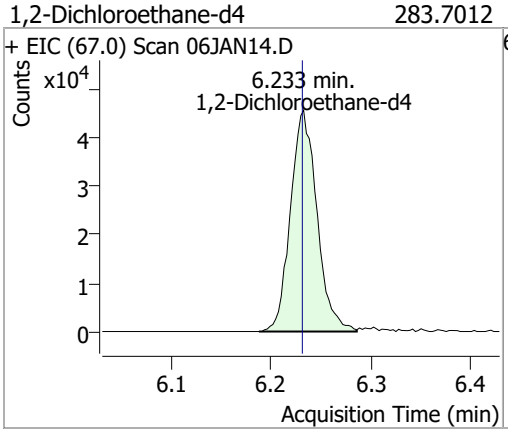


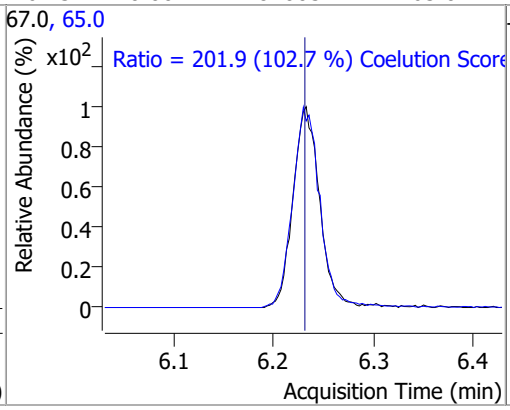
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

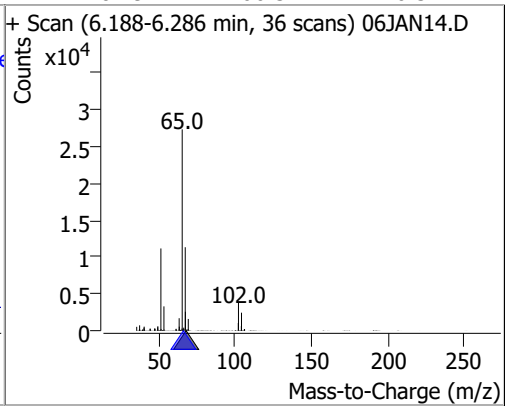




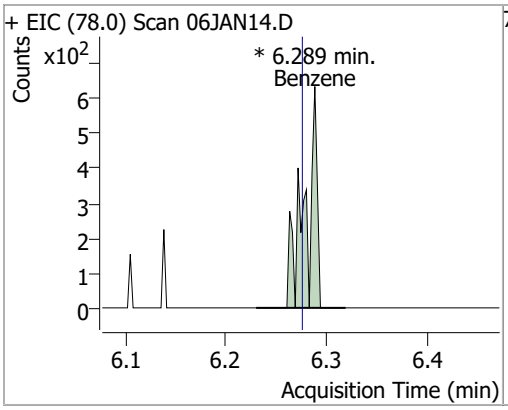
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	283.7012	6.23	0.00	84005	65.0	201.9	166.5	226.5

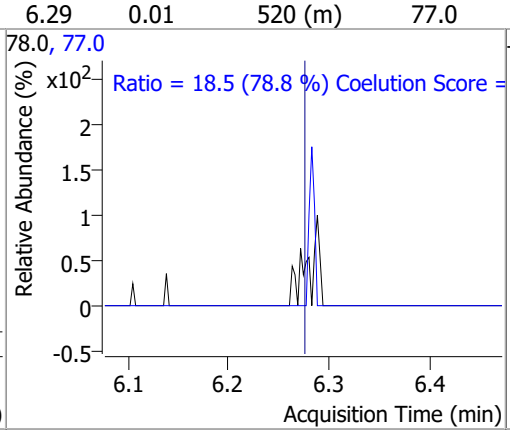


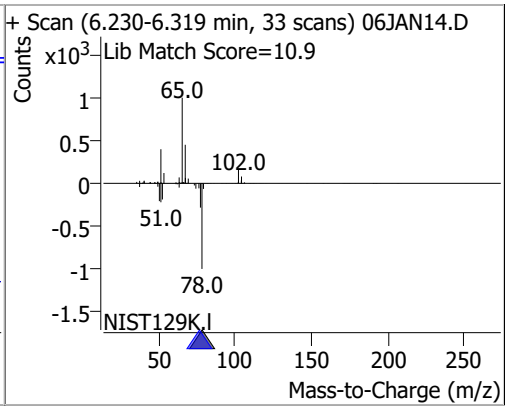




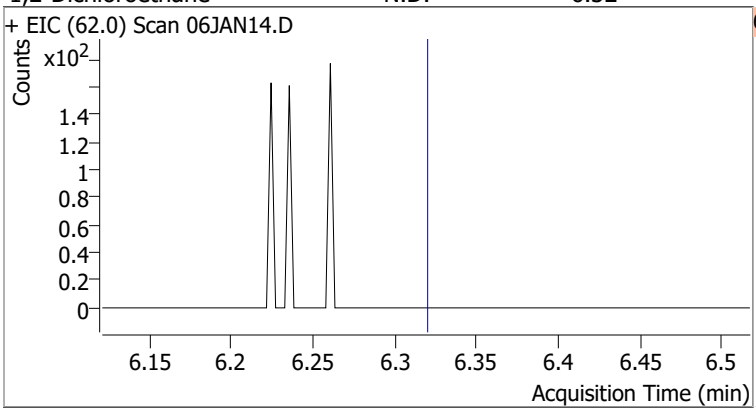
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1796	6.29	0.01	520 (m)	77.0	18.5	0.0	53.5

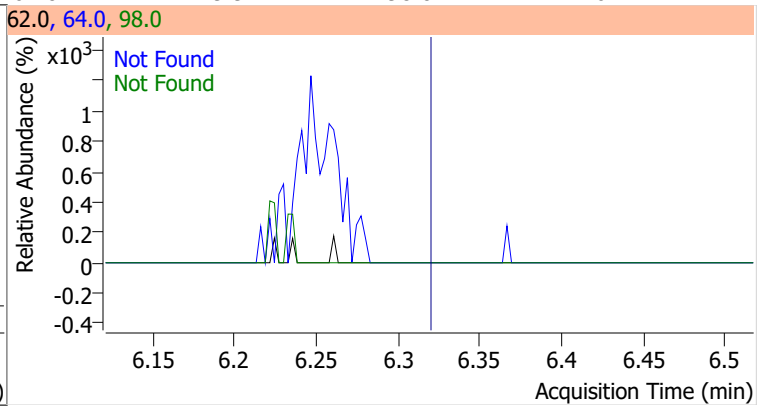




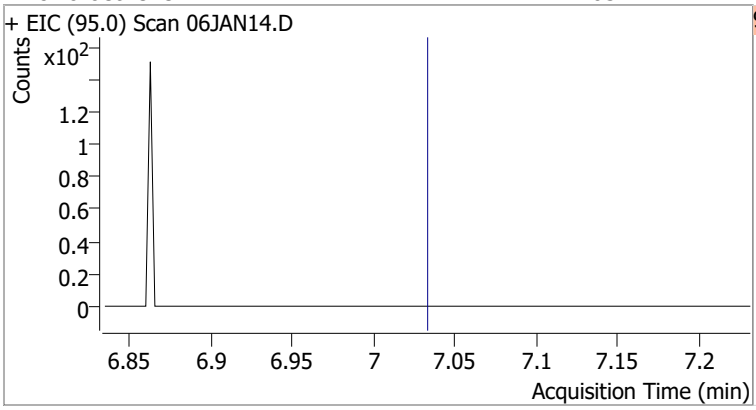


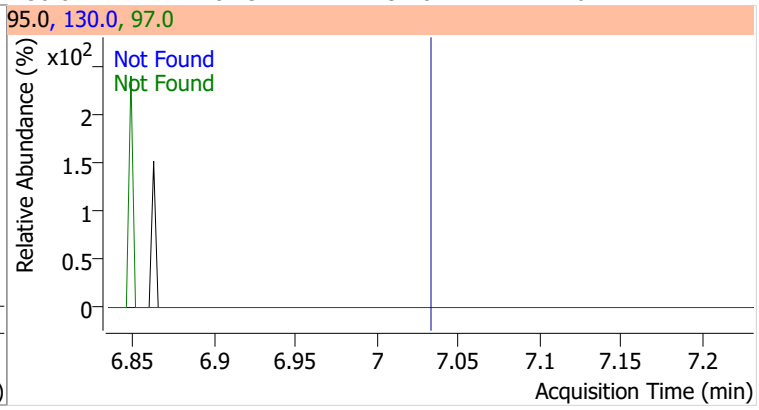
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



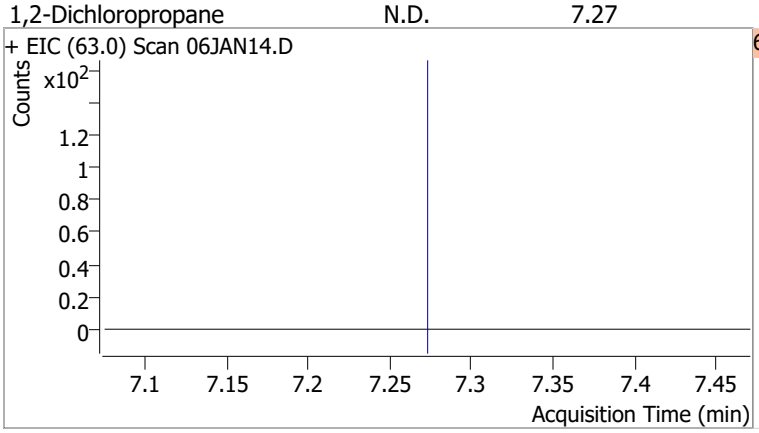


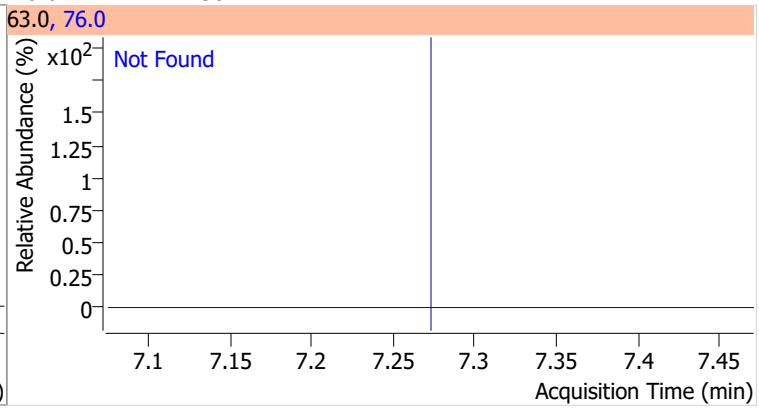
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



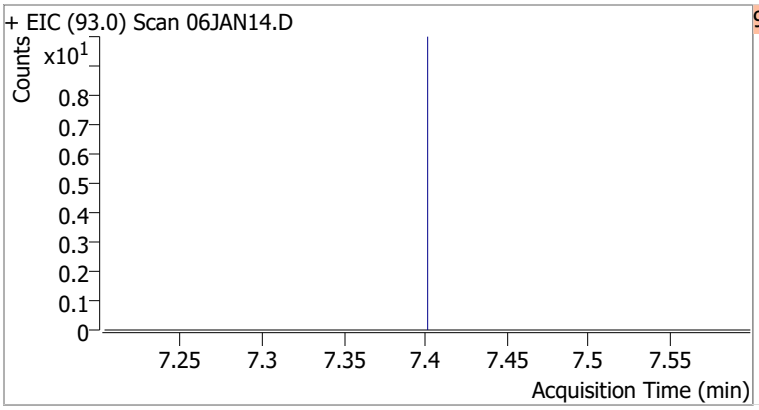


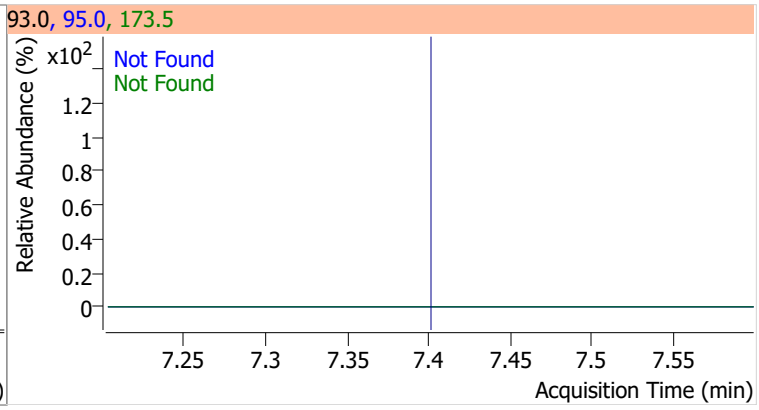
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



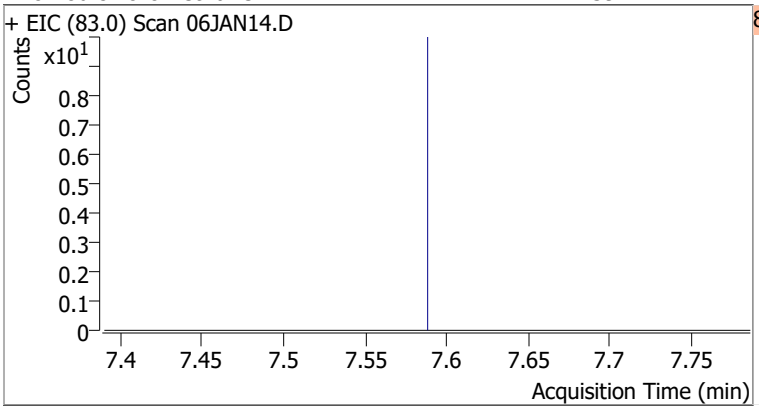


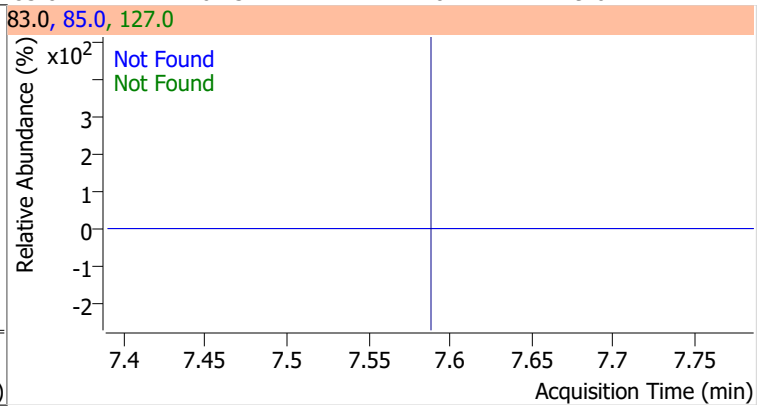
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



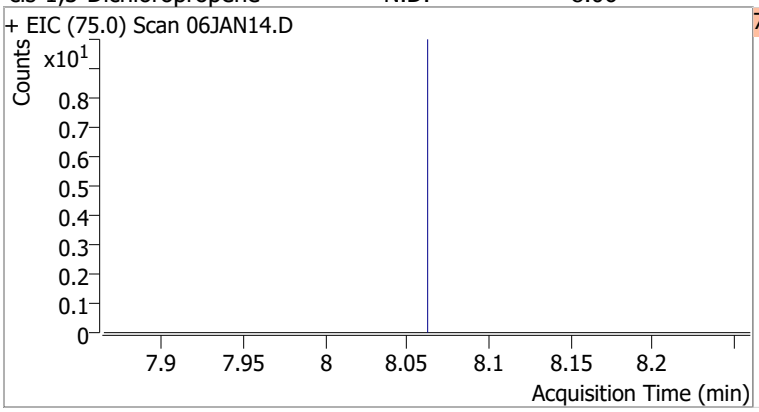


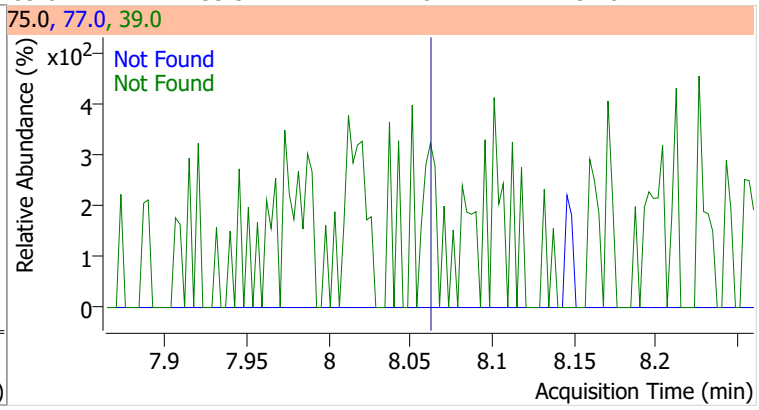
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



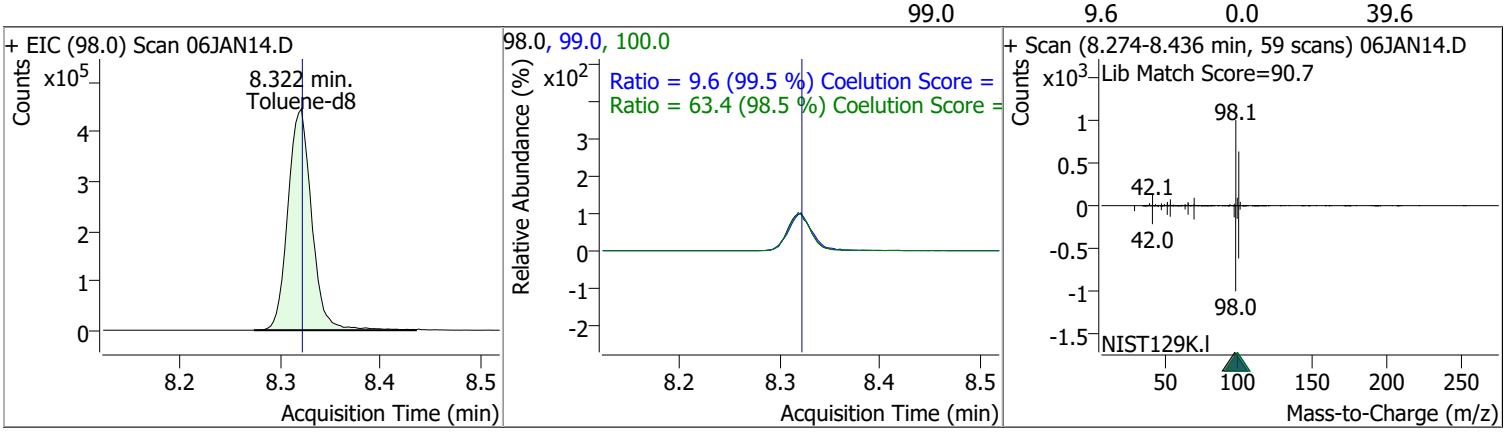


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

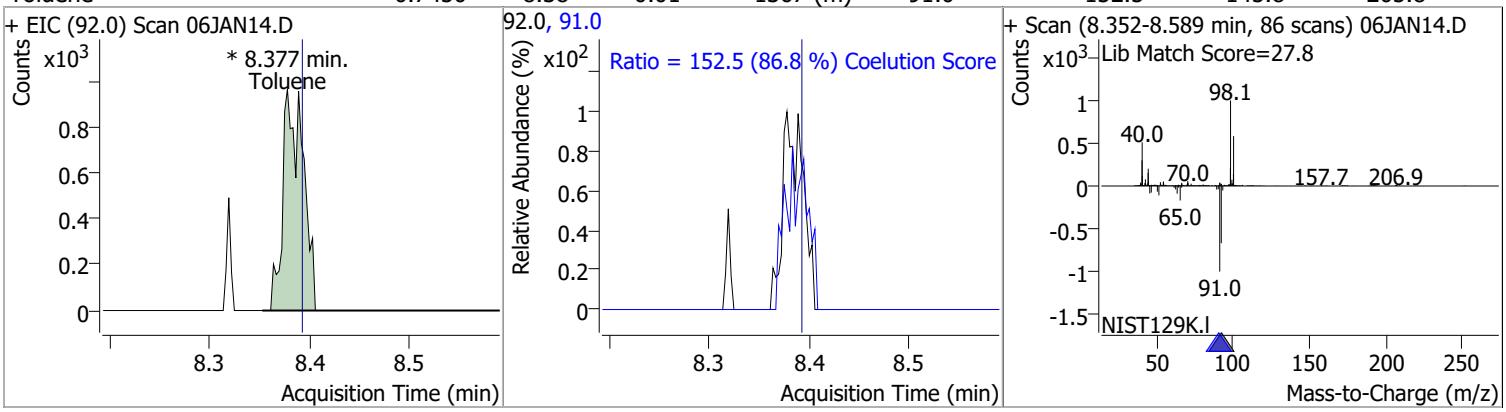




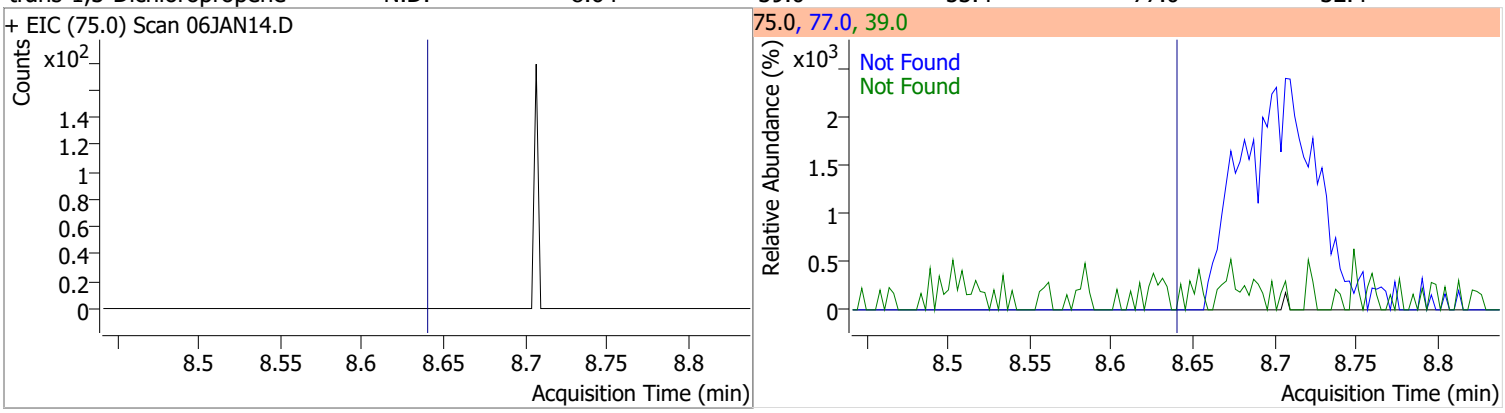
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	270.9839	8.32	0.00	735857	100.0	63.4	34.4	94.4
					99.0	9.6	0.0	39.6



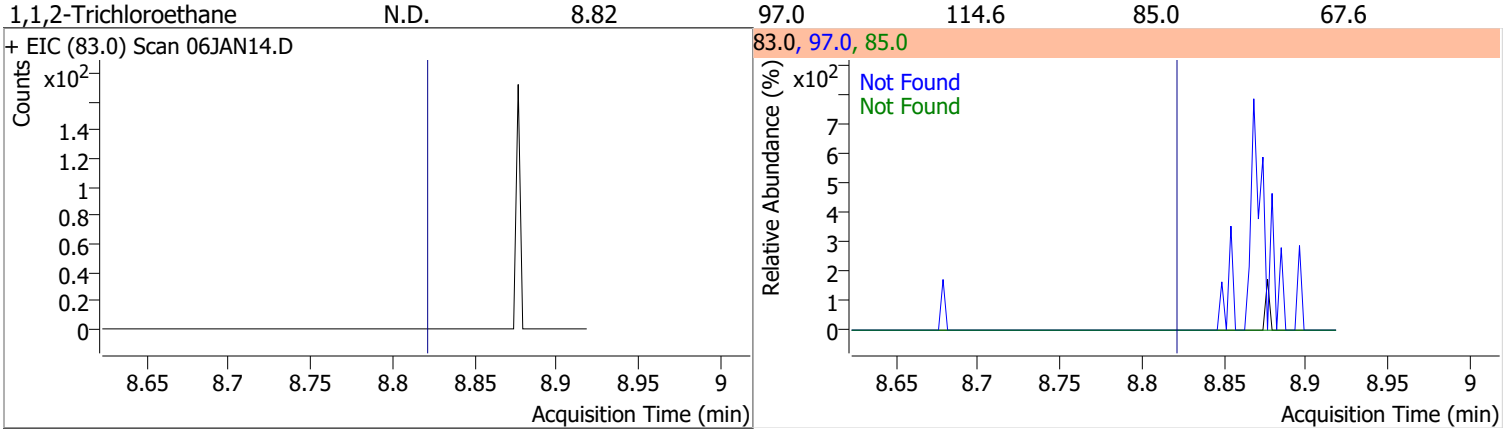
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.7450	8.38	-0.01	1367 (m)	91.0	152.5	145.8	205.8



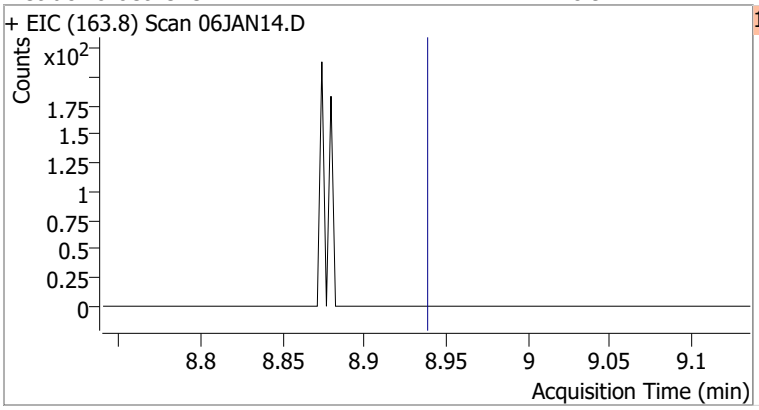
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

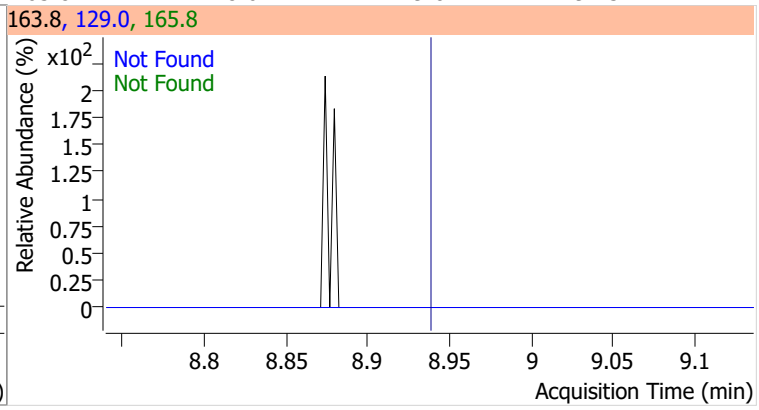


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

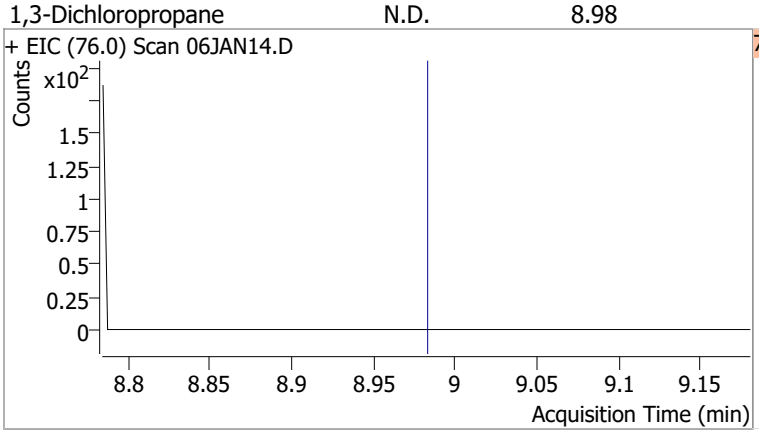


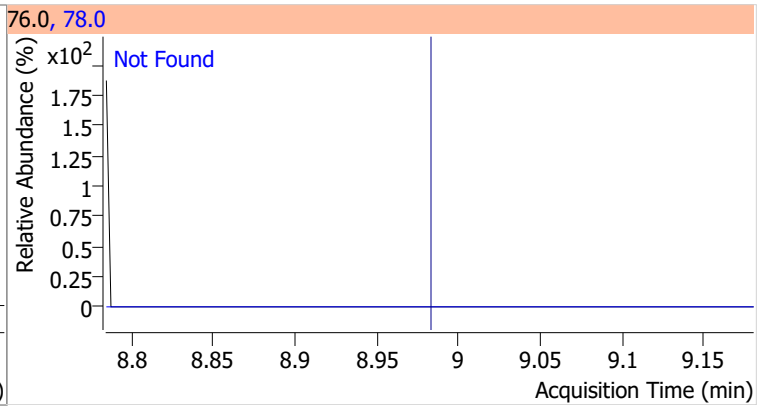
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



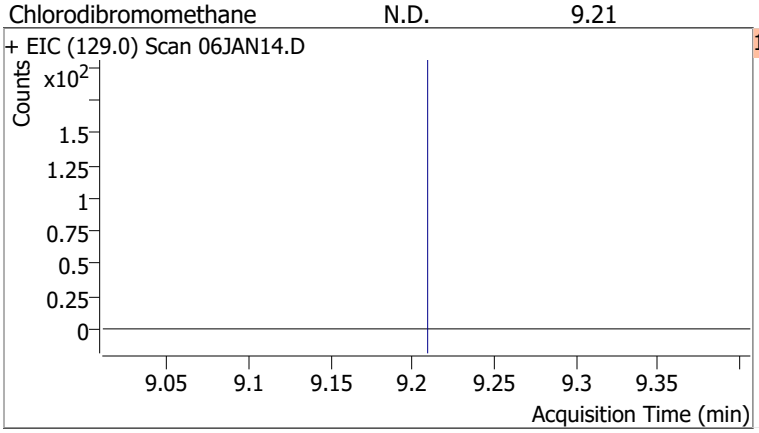


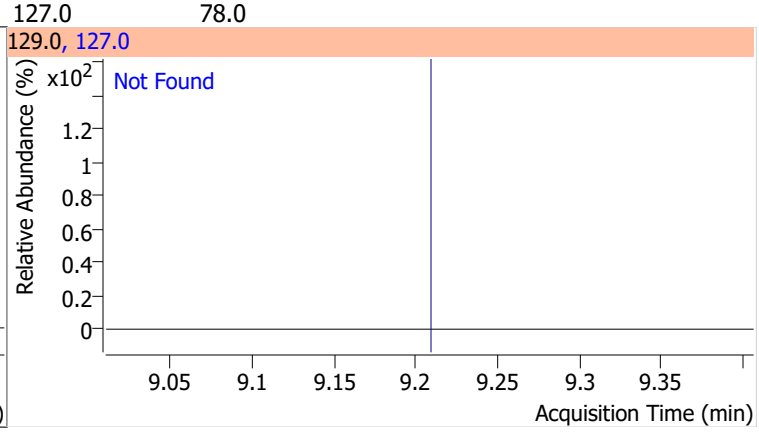
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



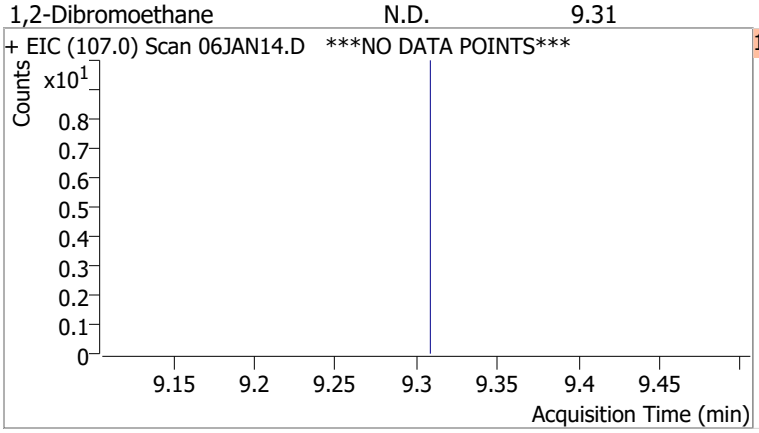


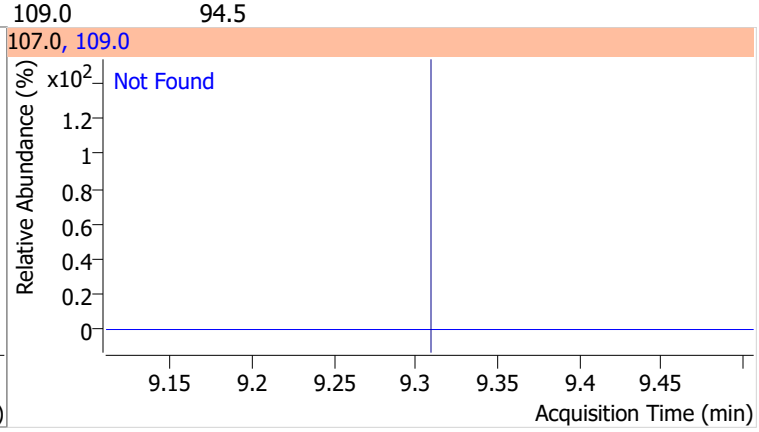
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



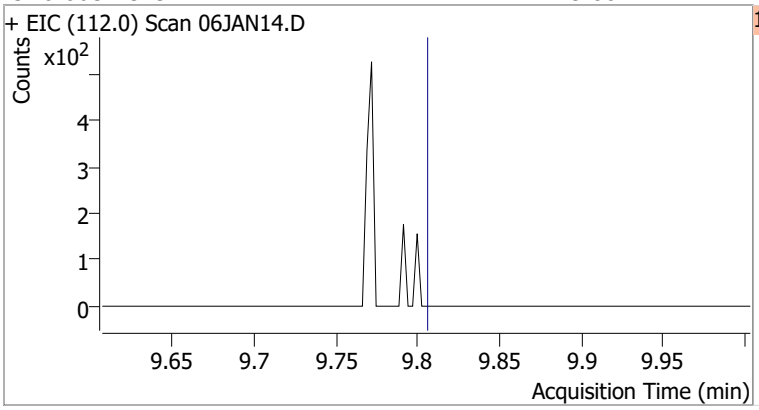


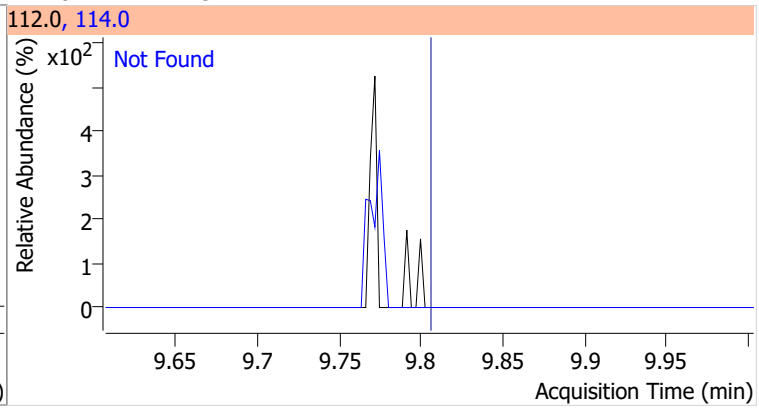
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



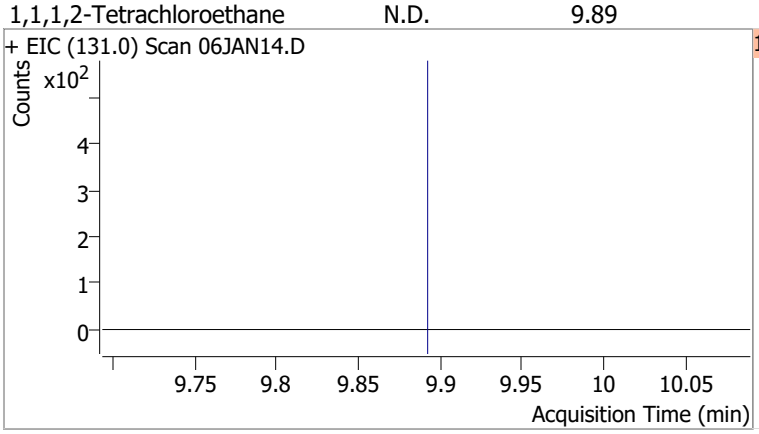


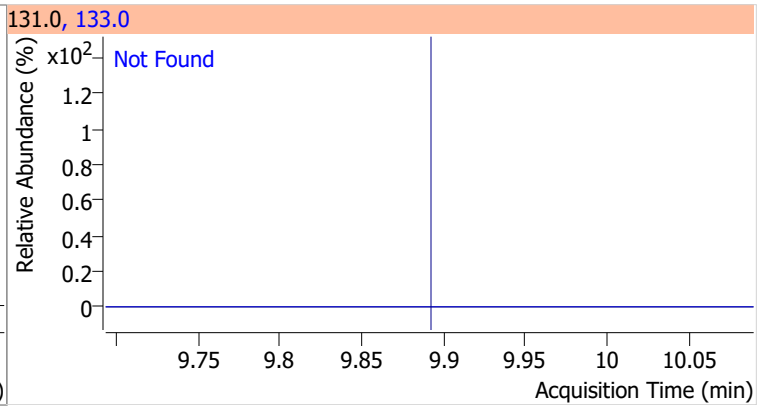
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



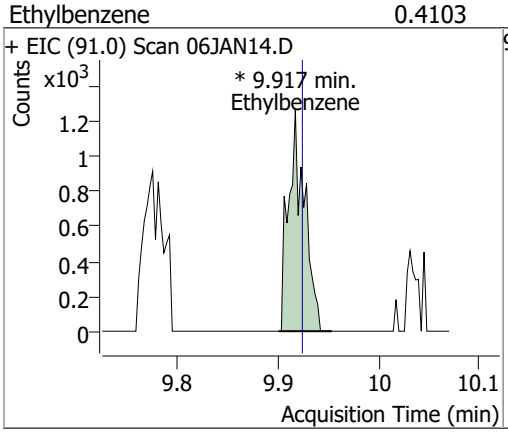


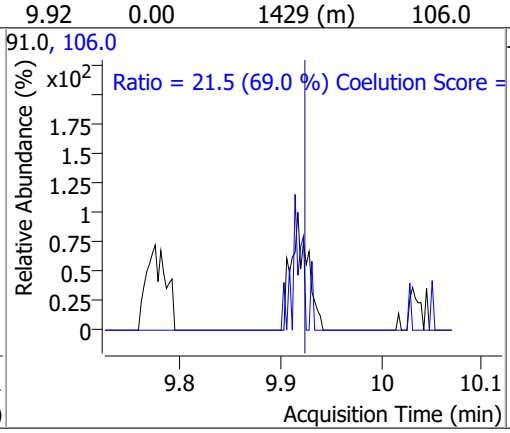
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6

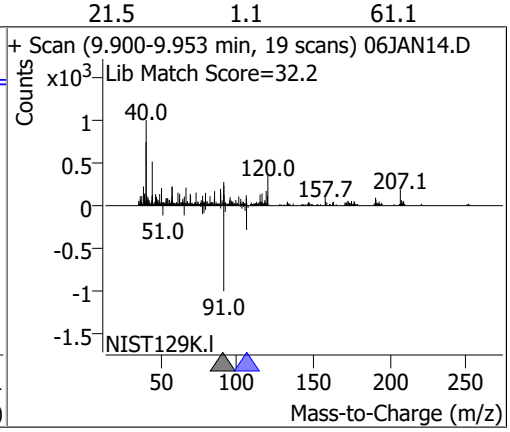




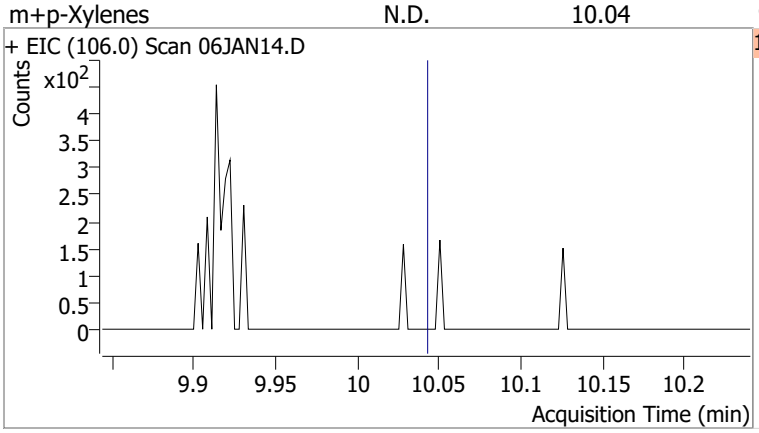
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.4103	9.92	0.00	1429 (m)	106.0	21.5	1.1	61.1

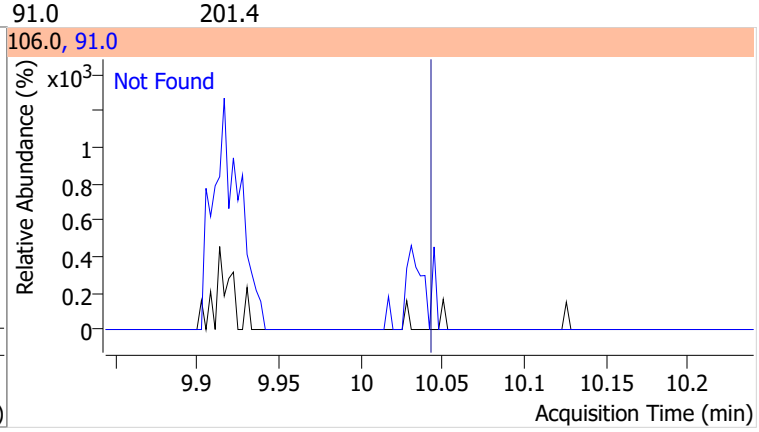




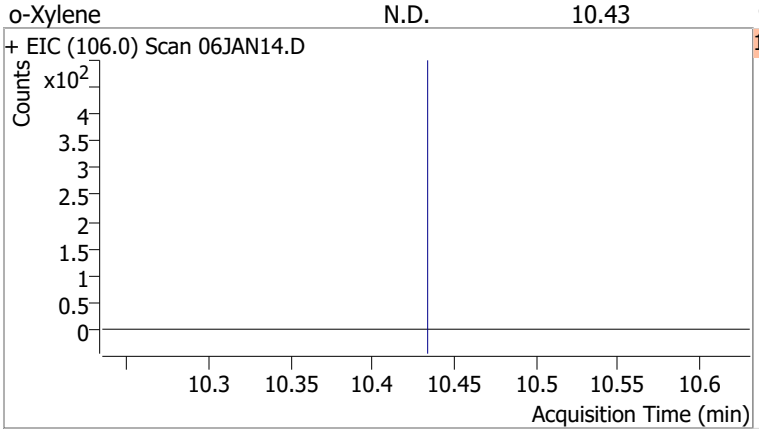


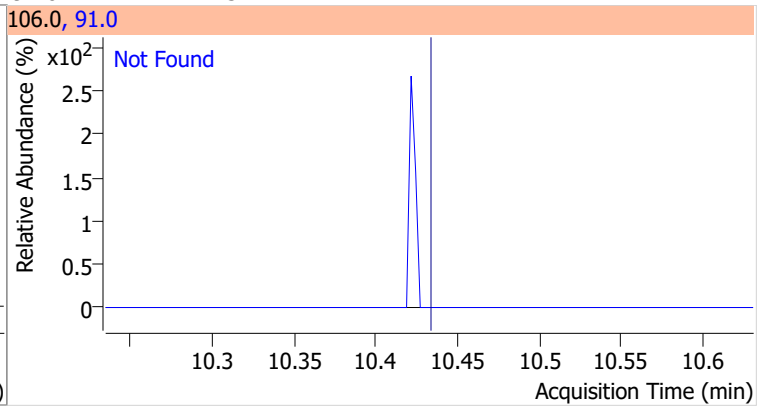
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



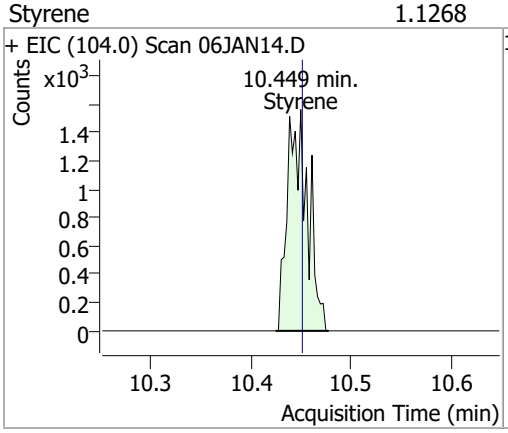


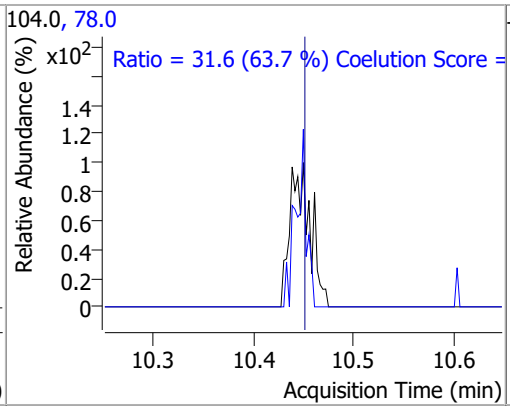
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1

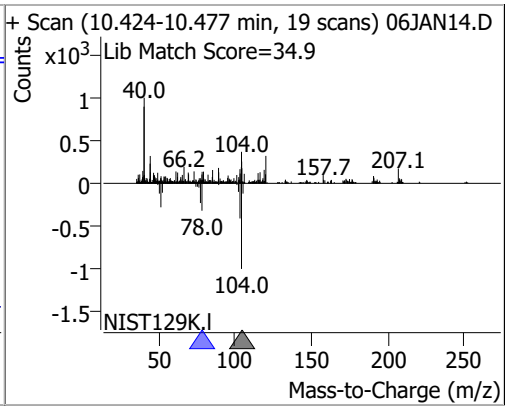




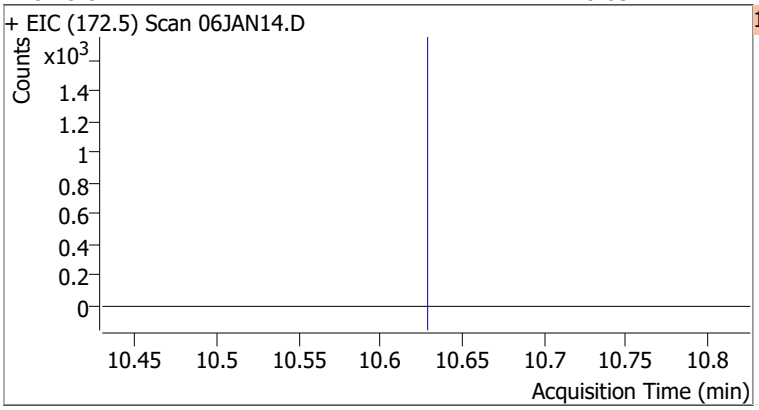
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	1.1268	10.45	0.00	2186	78.0	31.6	19.6	79.6

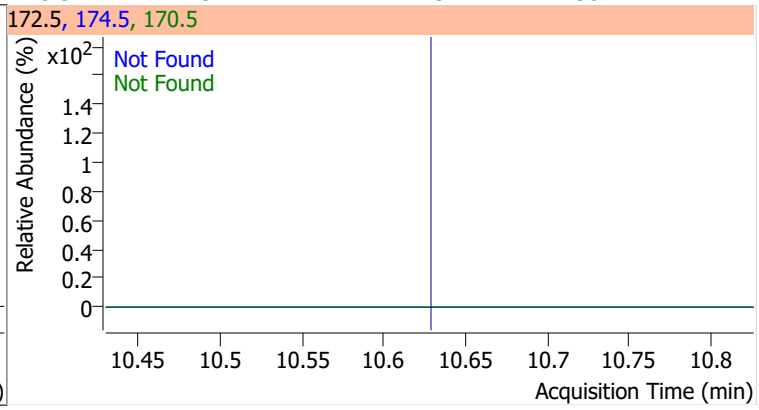




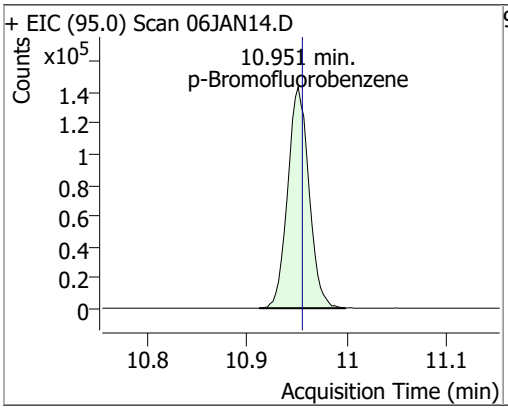


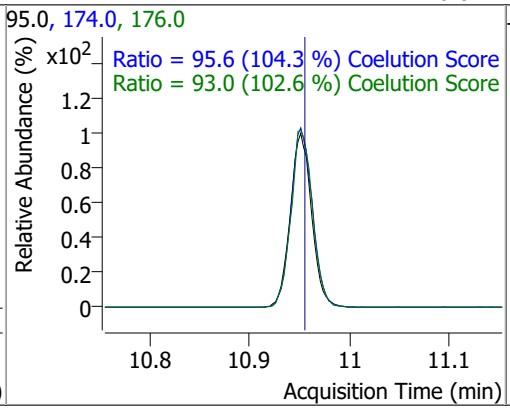
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

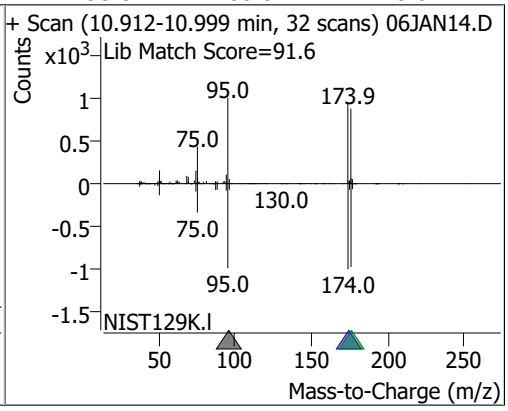




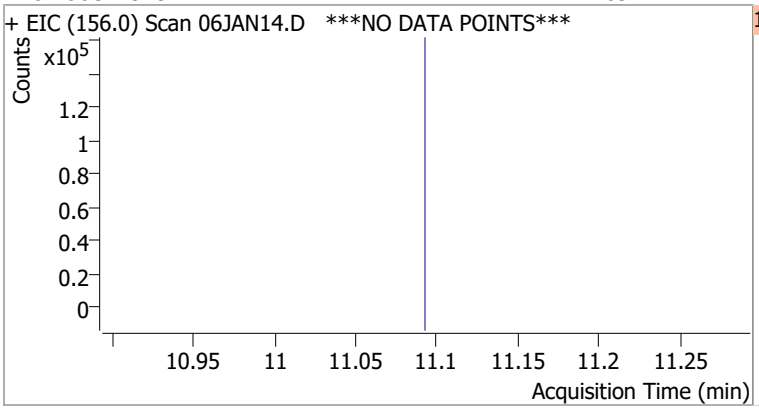
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	267.0424	10.95	0.00	211977	174.0	95.6	61.7	121.7
					176.0	93.0	60.6	120.6

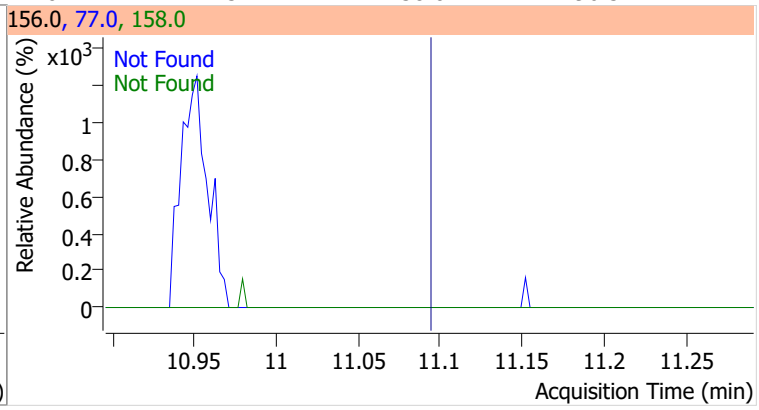




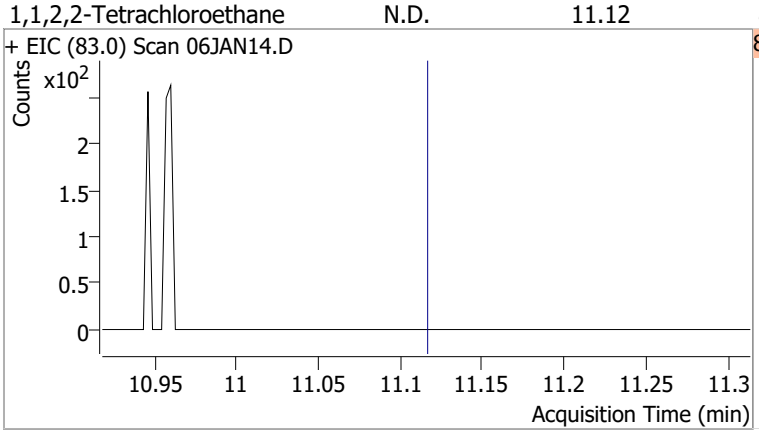


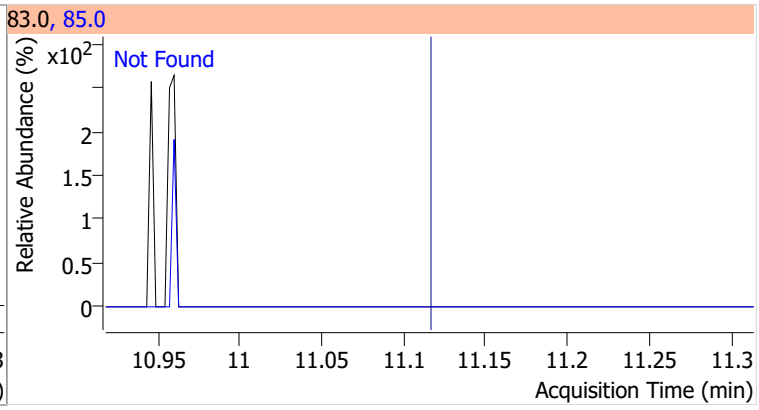
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



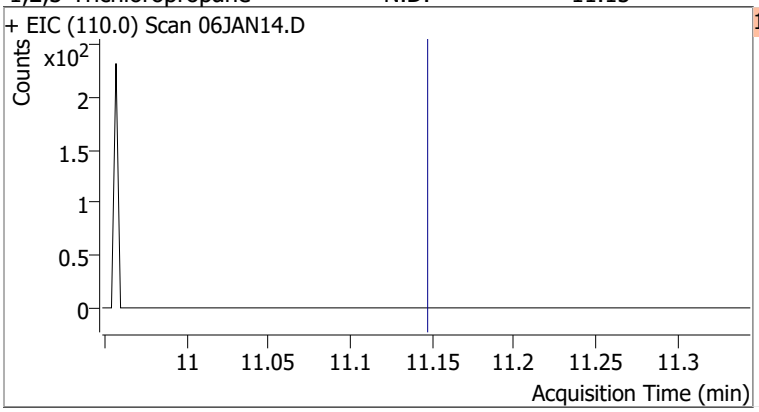


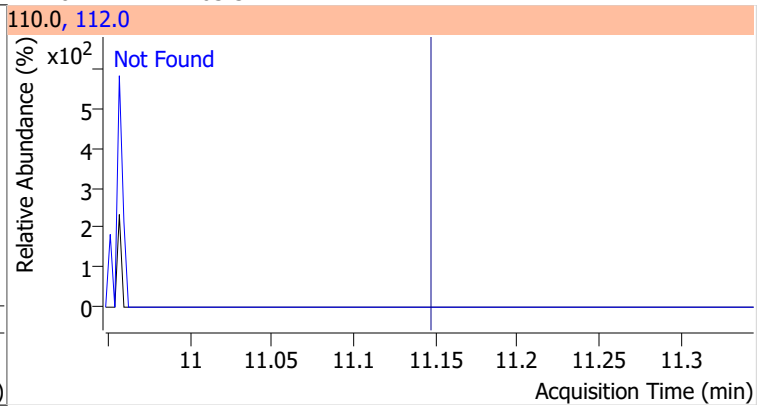
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



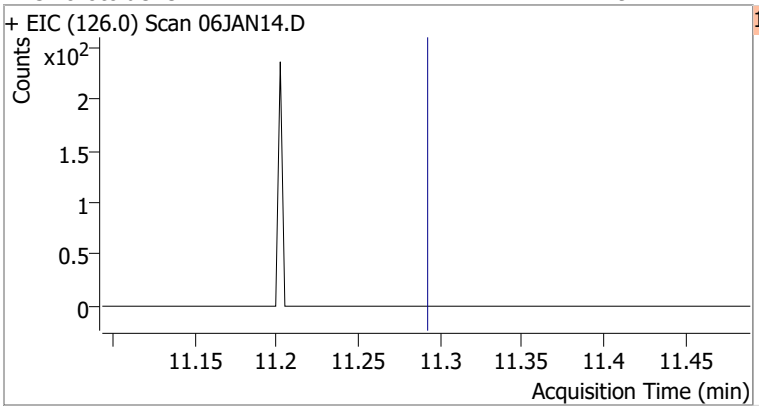


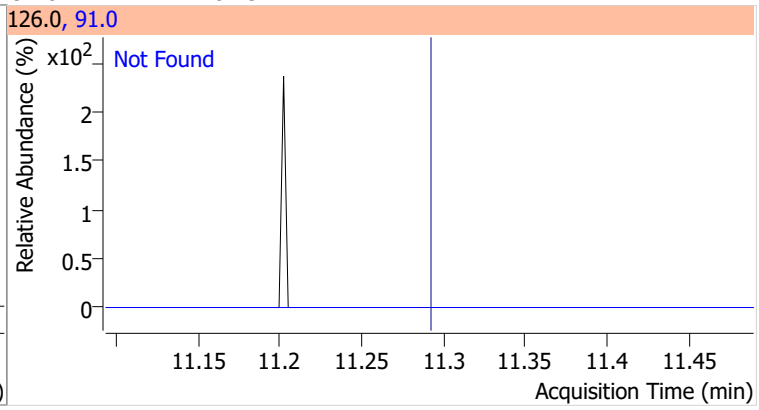
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



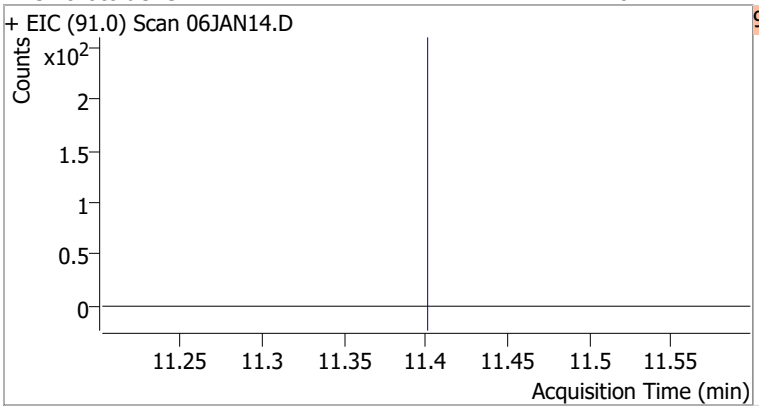


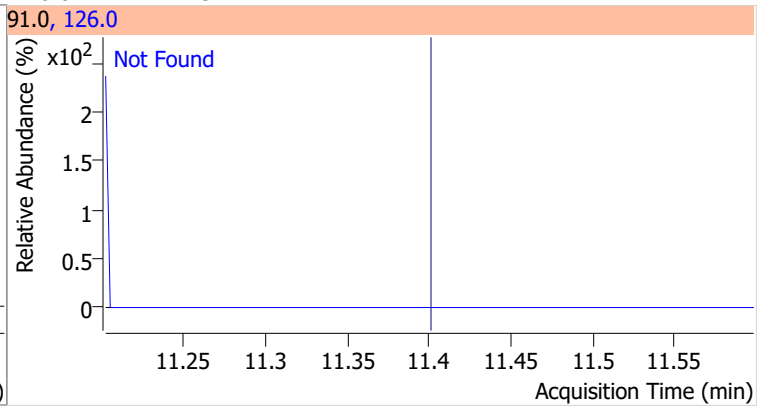
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



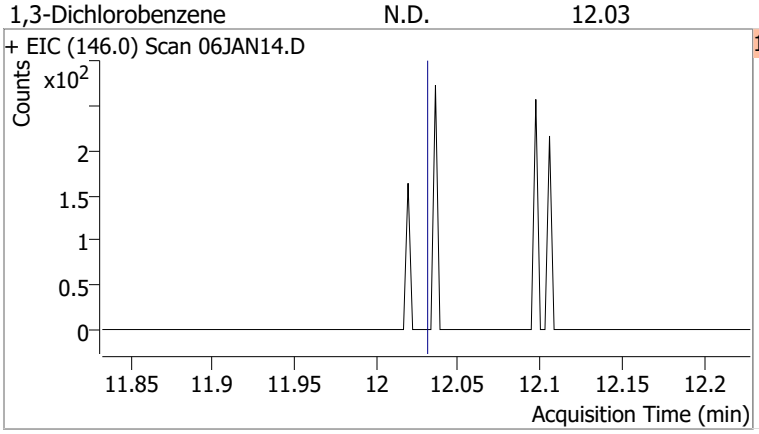


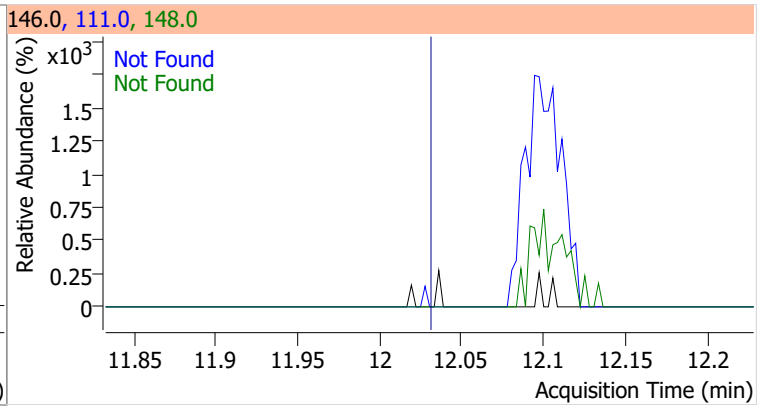
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



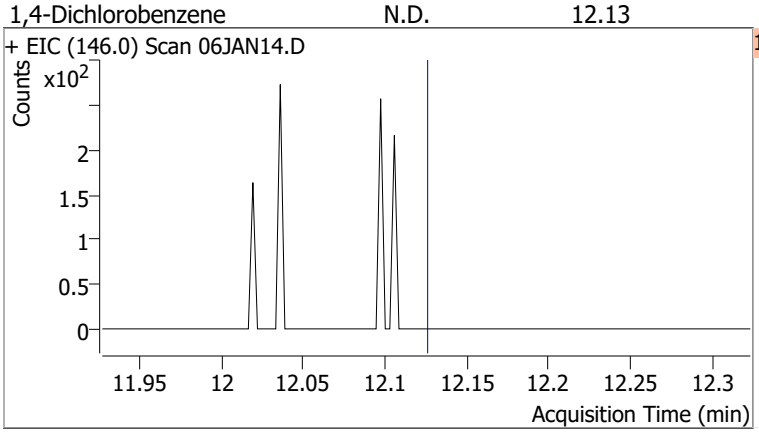


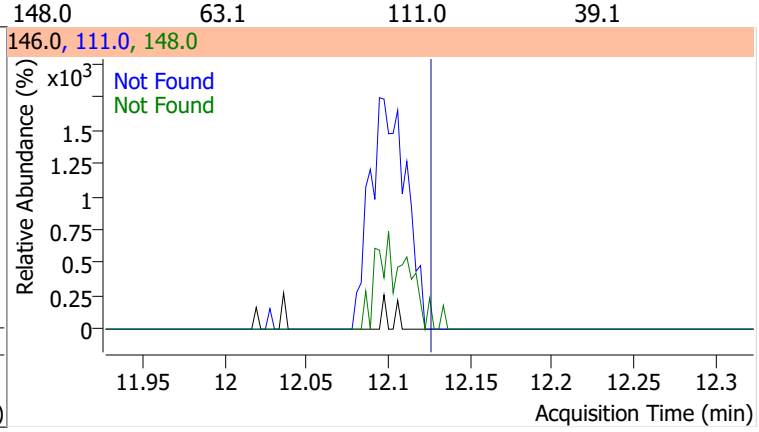
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



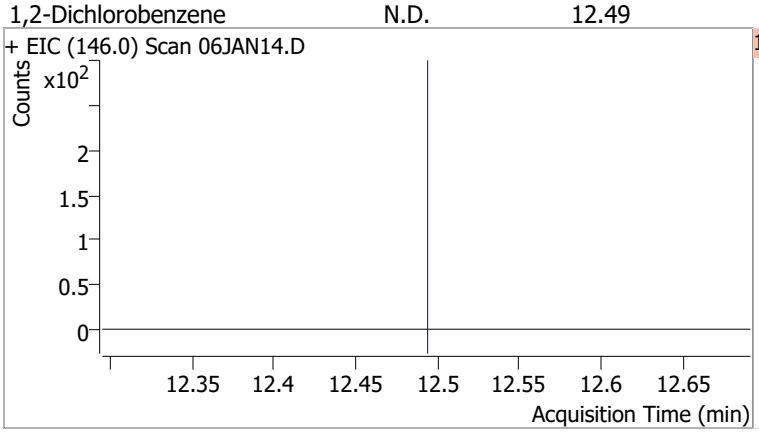


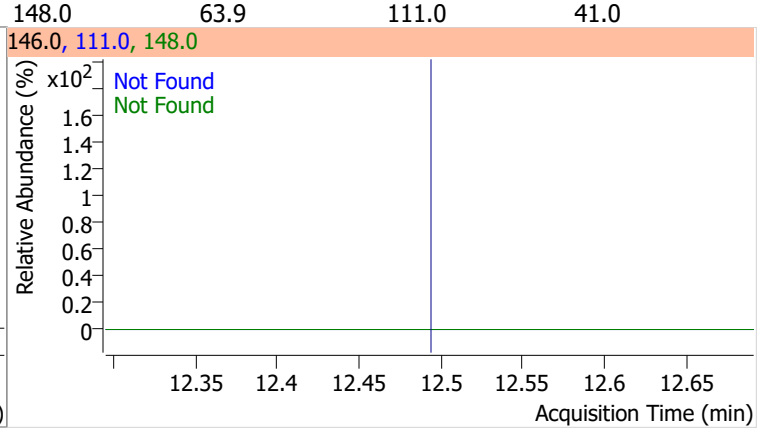
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





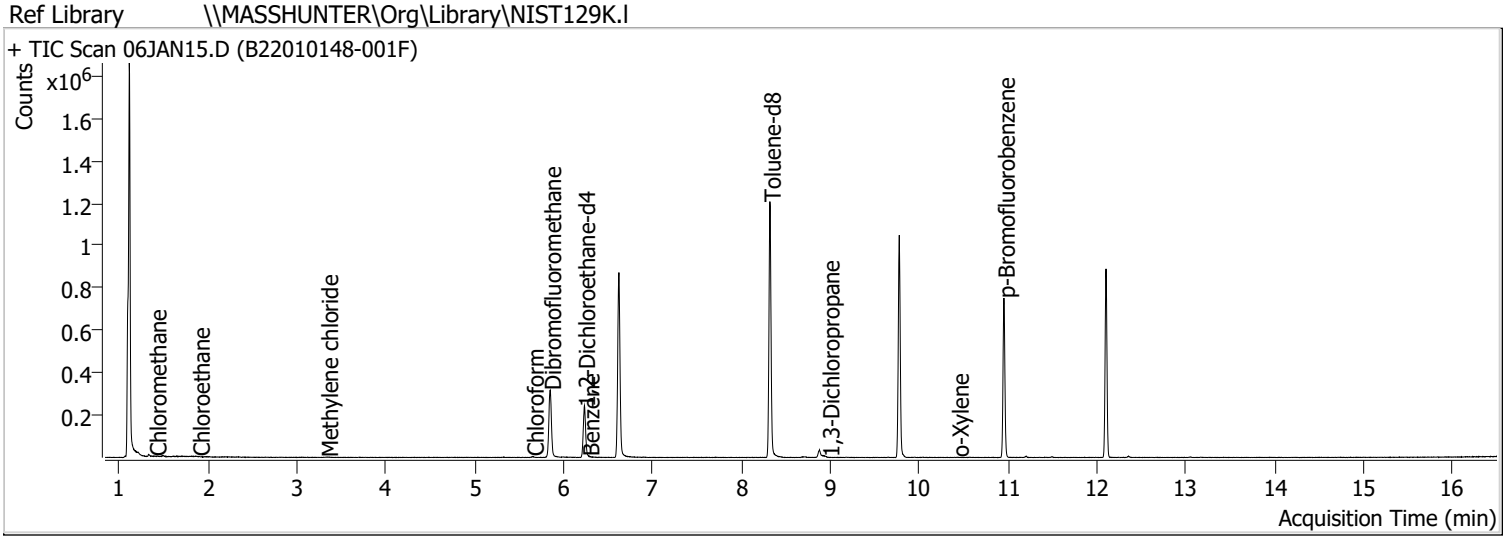
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN15.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 4:16:59 PM
Sample Name	B22010148-001F	Instrument	VOA5975C
Vial	15	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

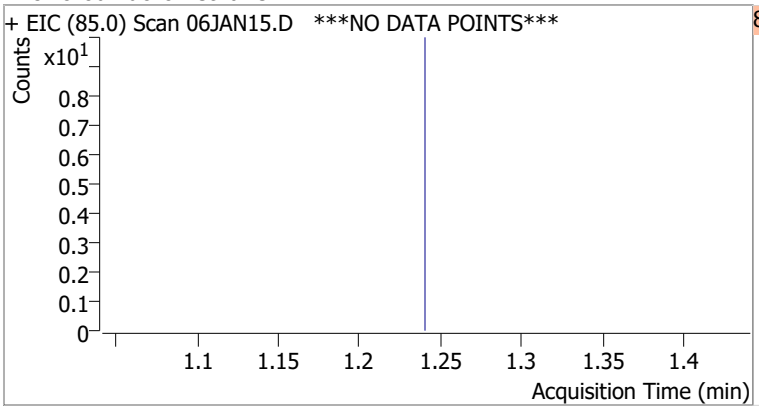


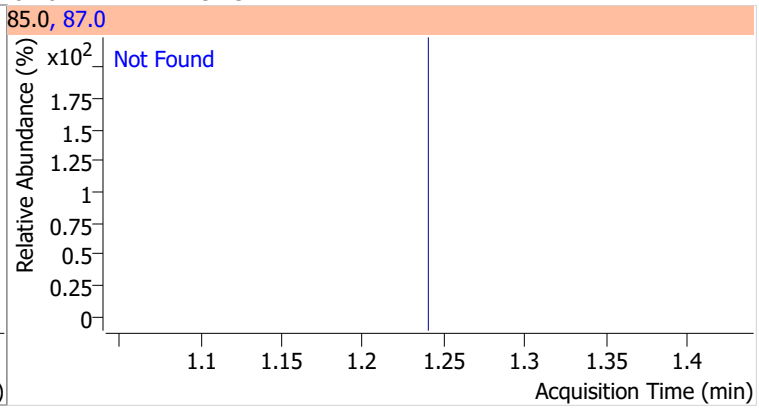
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	727708	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	282744	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	211703	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	193207	281.8176	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 112.73%			
S 1,2-Dichloroethane-d4	6.230	67.0	84649	285.8616	ng		-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.34%			
S Toluene-d8	8.319	98.0	724422	265.8756	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.35%			
S p-Bromofluorobenzene	10.951	95.0	210445	271.3400	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.54%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.409	50.0	1261	1.0896	ng	m	93
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	1.897	64.0	1391	2.6975	ng	m	59
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.338	49.0	1099	1.0171	ng	m	94
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.653	83.0	2931	2.1157	ng		95

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.277	78.0	958	0.3306	ng	m	92
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.542	92.0	0		ng	md	1
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	8.980	76.0	125	0.1737	ng	m	80
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.048	106.0	0		ng	md	1
T o-Xylene	10.433	106.0	188	0.1553	ng	m	93
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

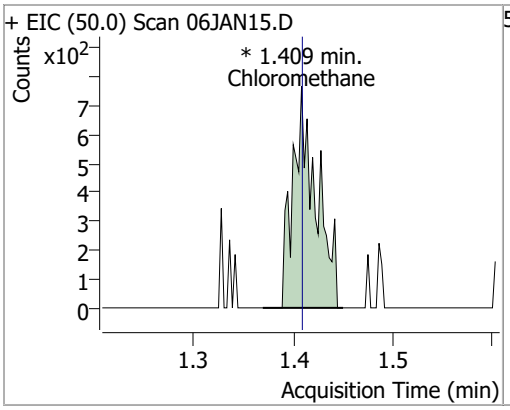
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

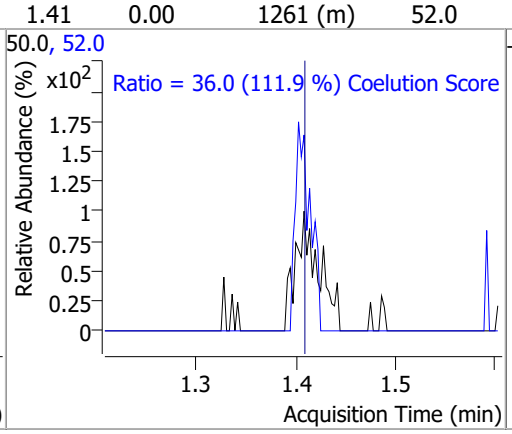
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

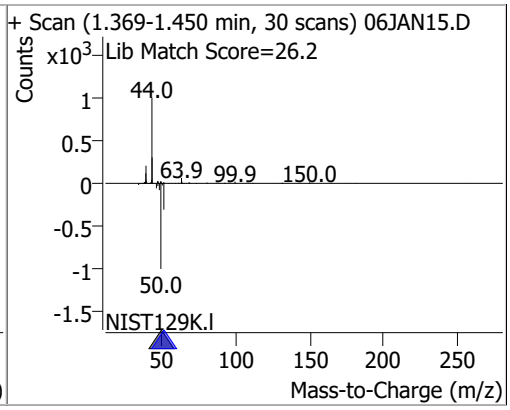




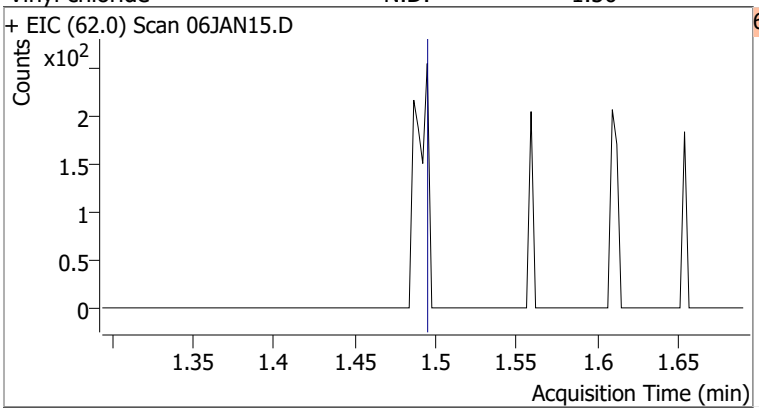
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.0896	1.41	0.00	1261 (m)	52.0	36.0	2.1	62.1

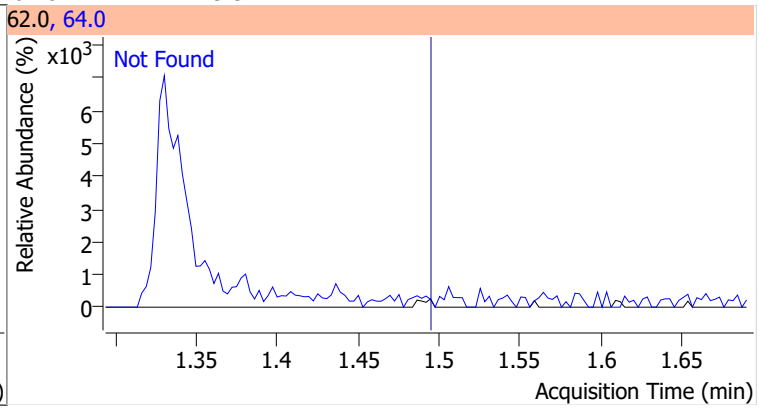




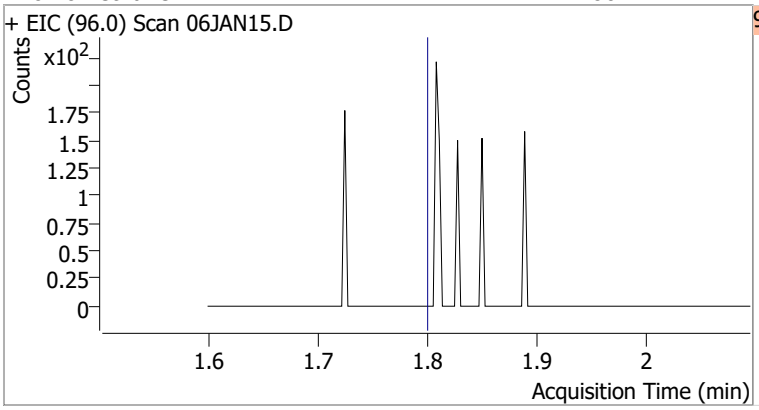


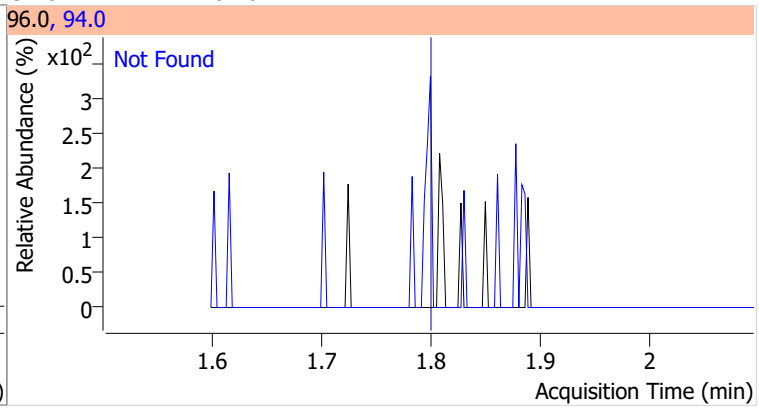
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



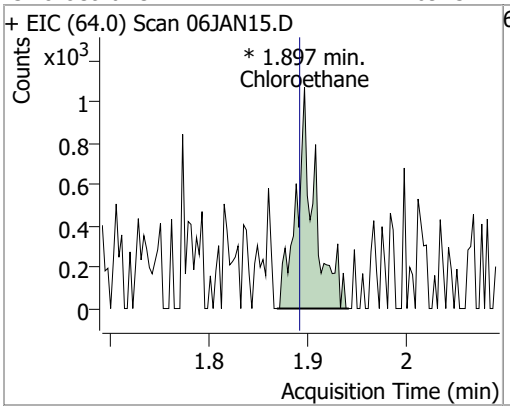


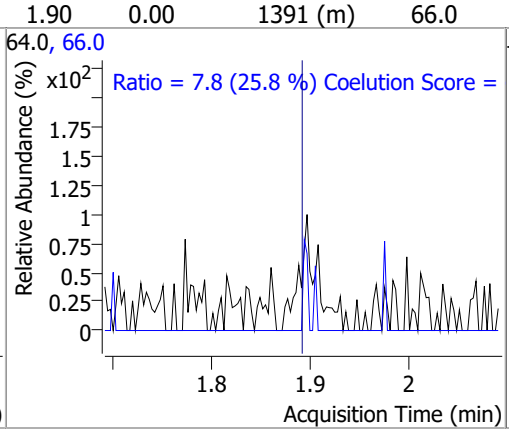
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6

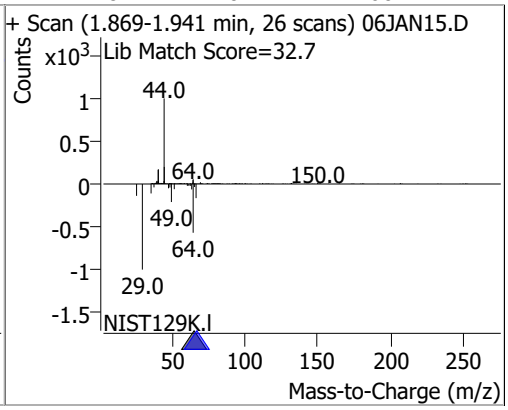




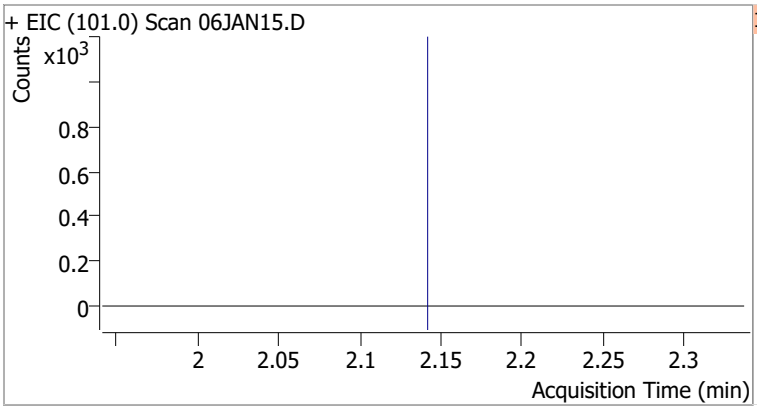
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	2.6975	1.90	0.00	1391 (m)	66.0	7.8	0.1	60.1

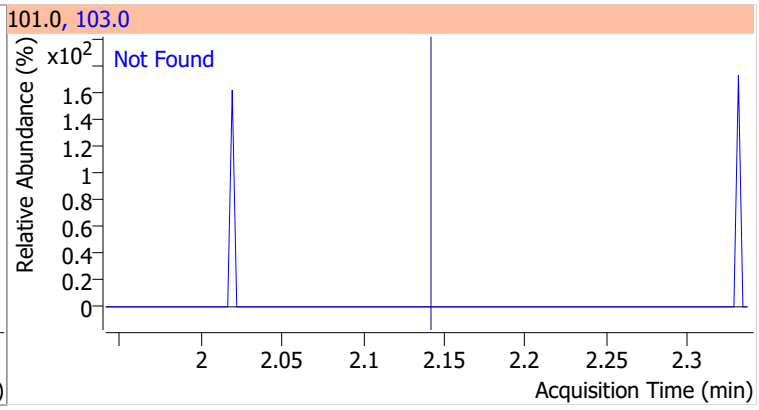




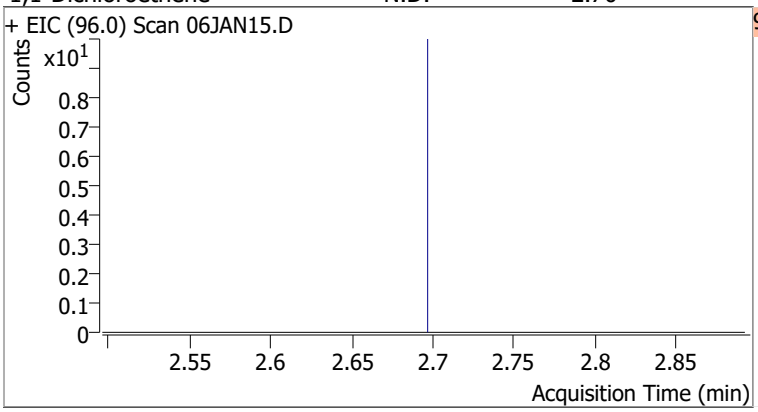


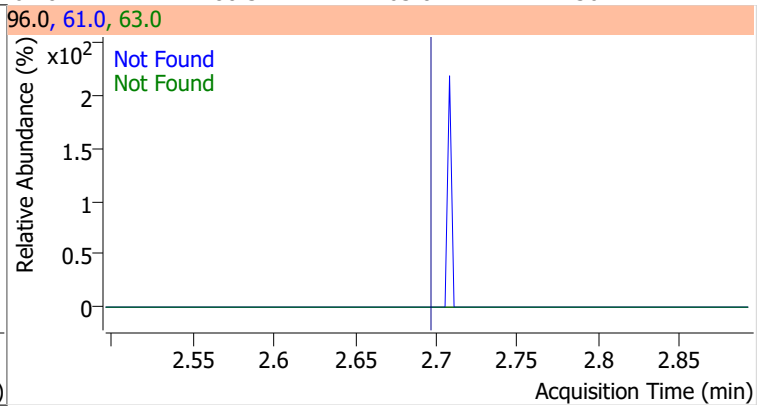
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



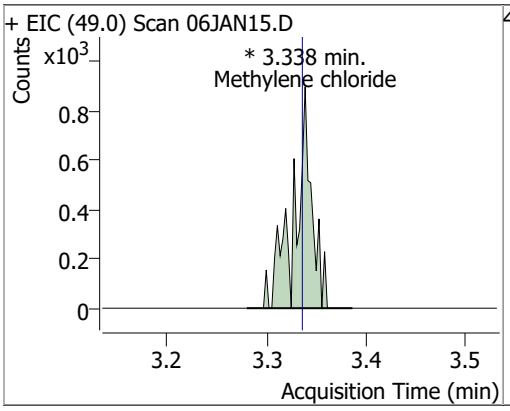


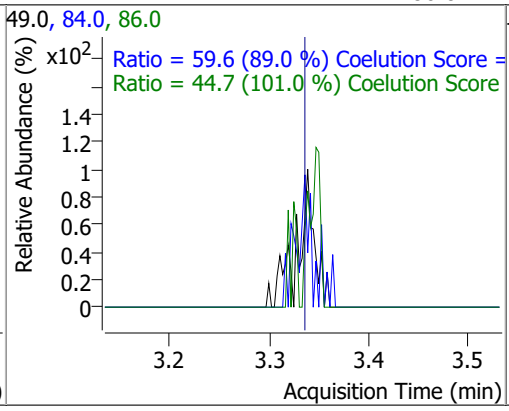
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

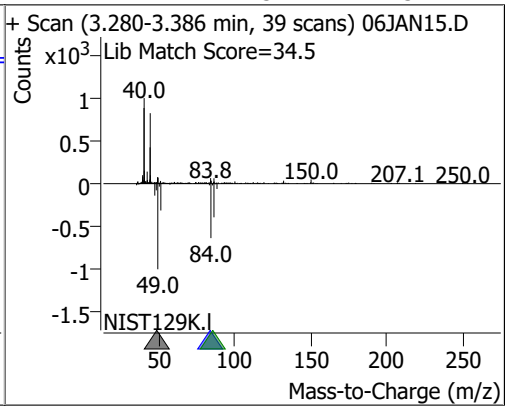




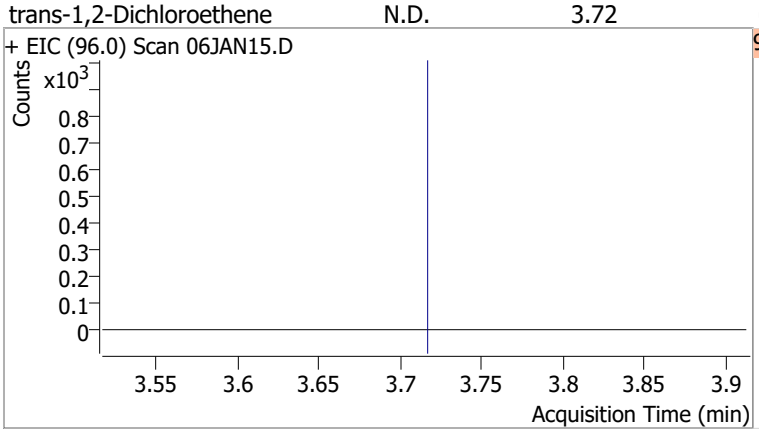
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.0171	3.34	0.00	1099 (m)	84.0	59.6	36.9	96.9
					86.0	44.7	14.3	74.3

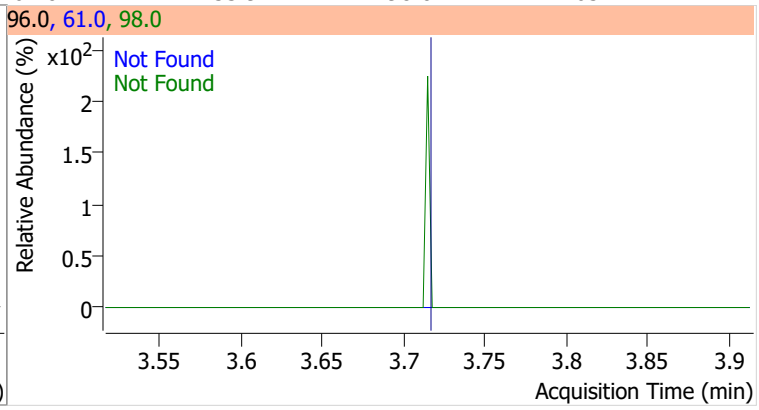




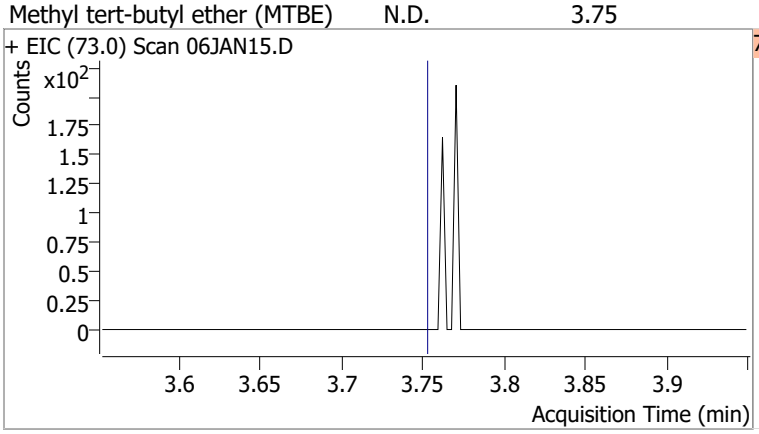


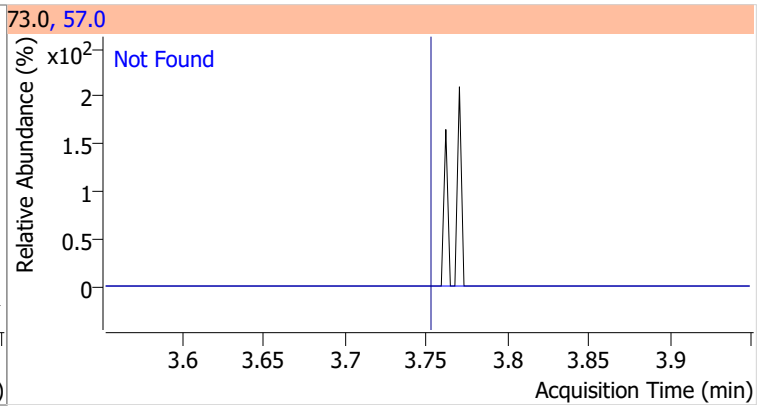
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



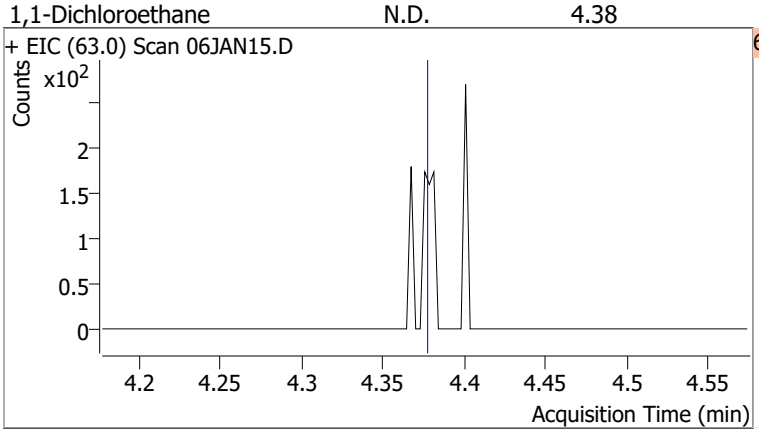


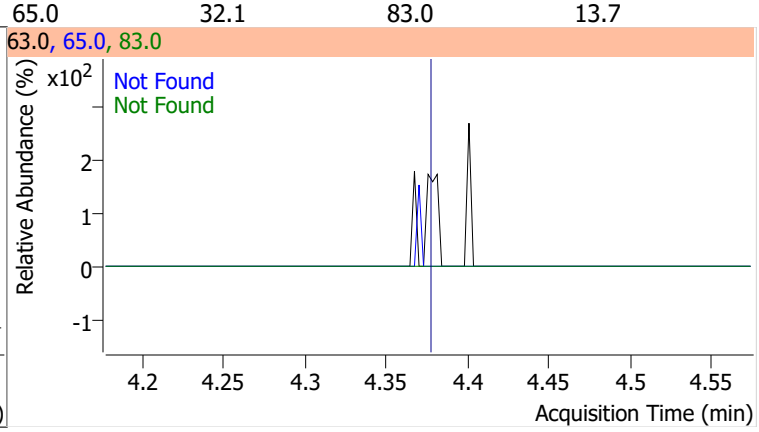
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



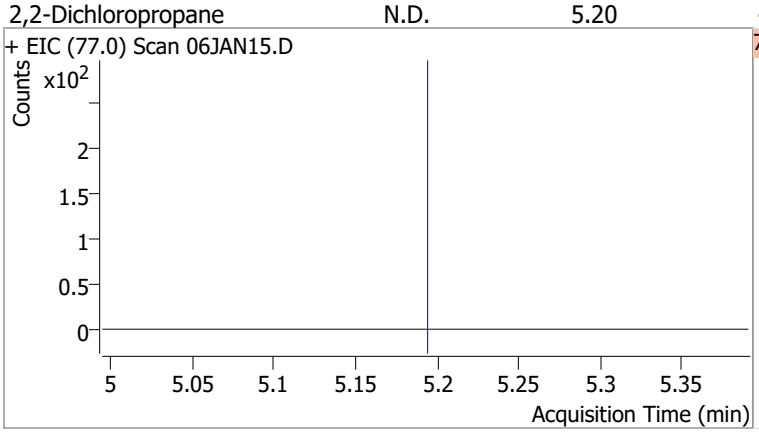


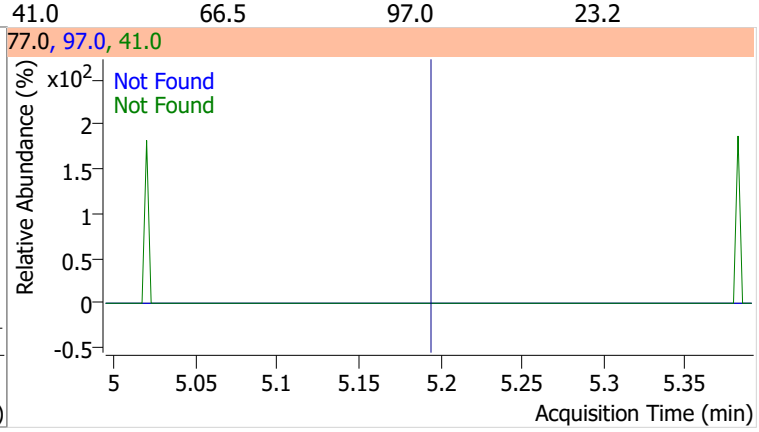
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



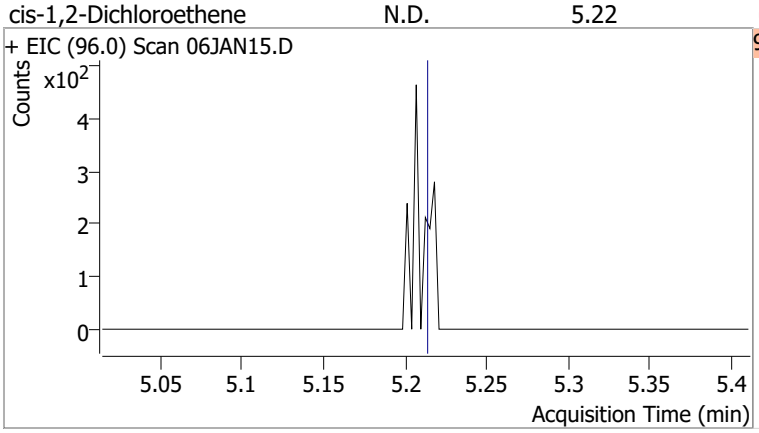


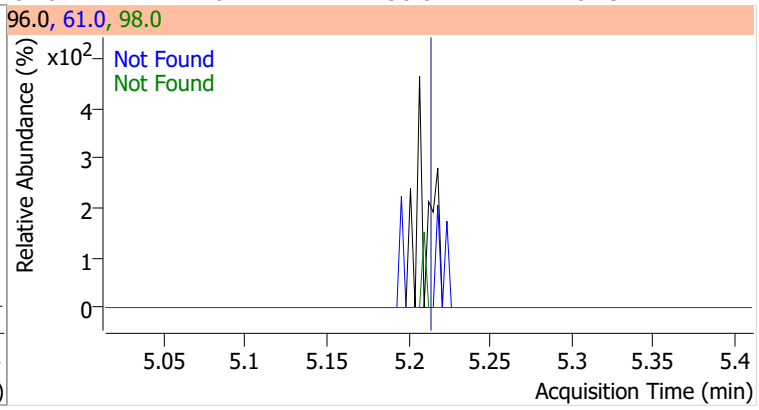
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



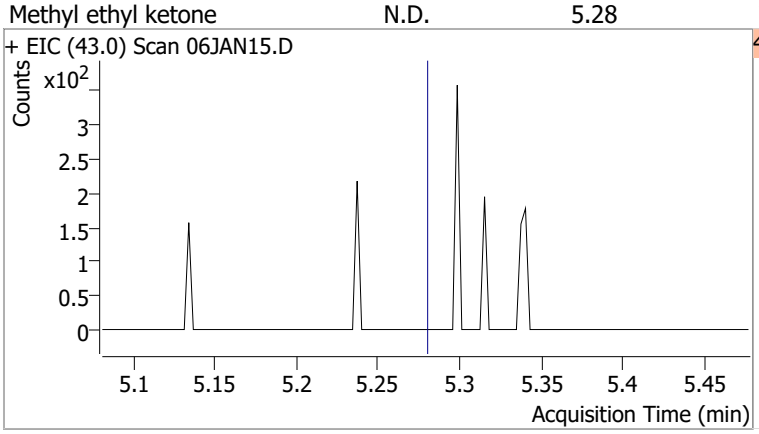


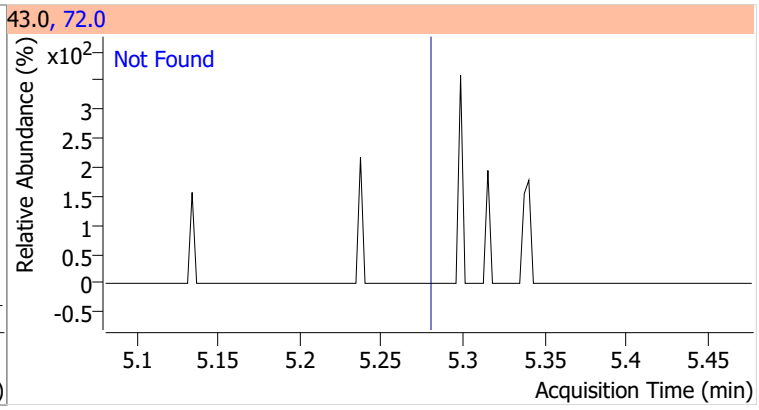
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



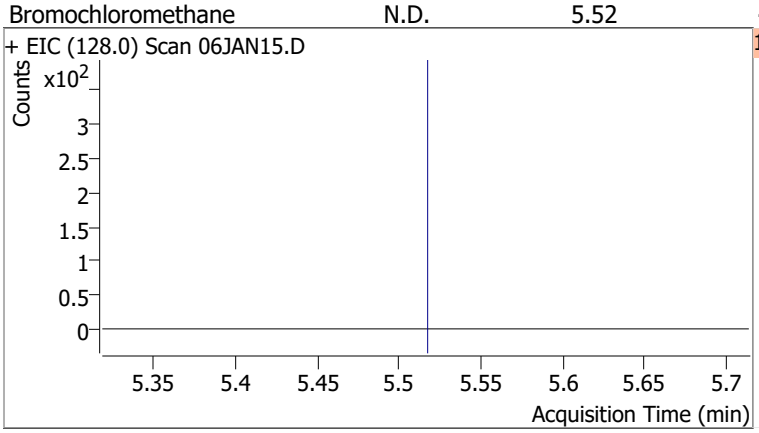


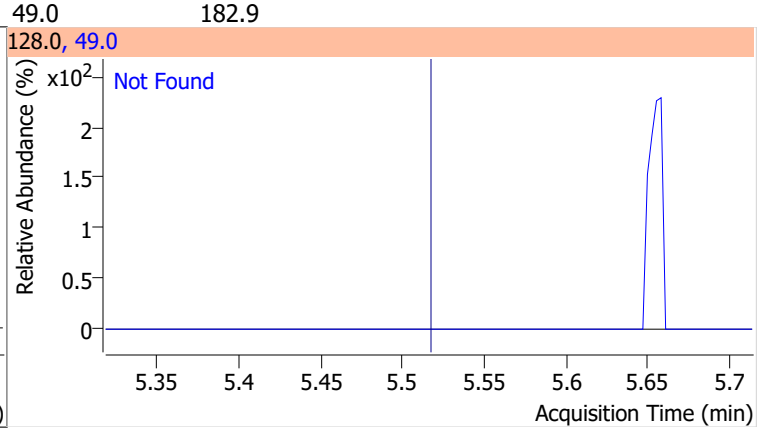
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



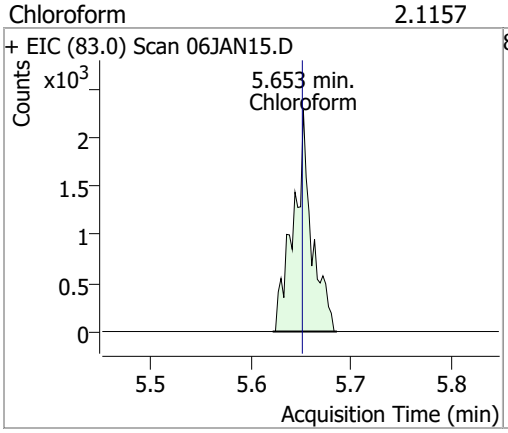


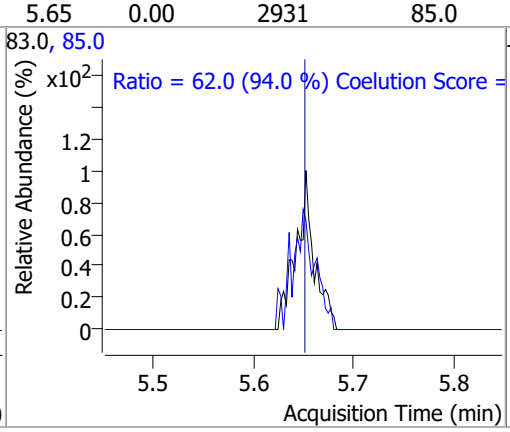
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

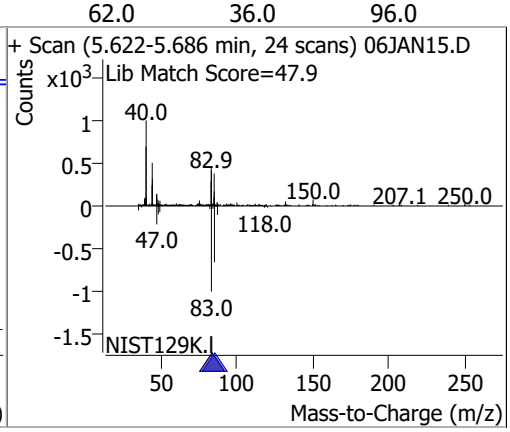




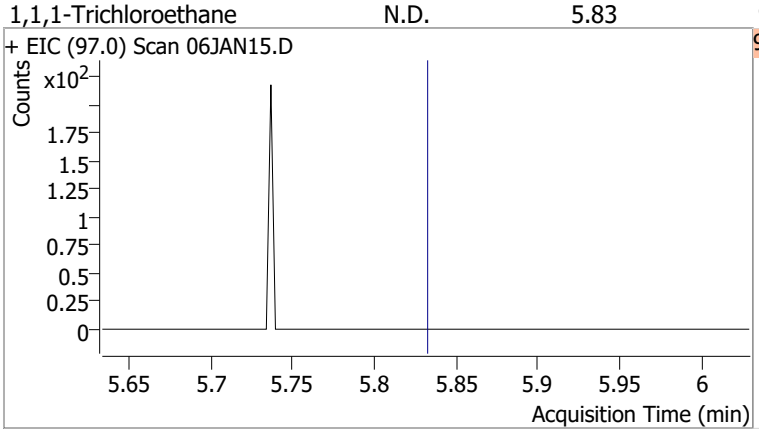
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	2.1157	5.65	0.00	2931	85.0	62.0	36.0	96.0

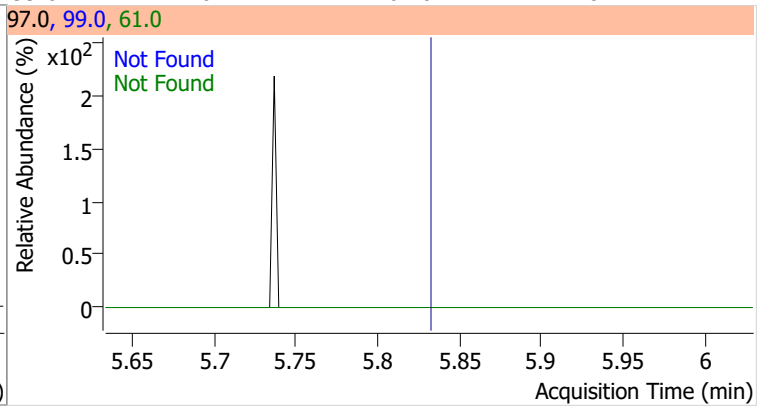




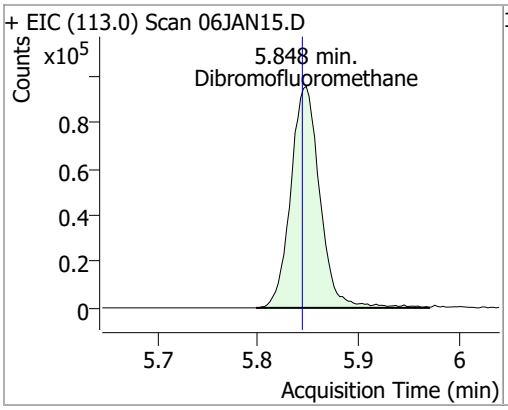


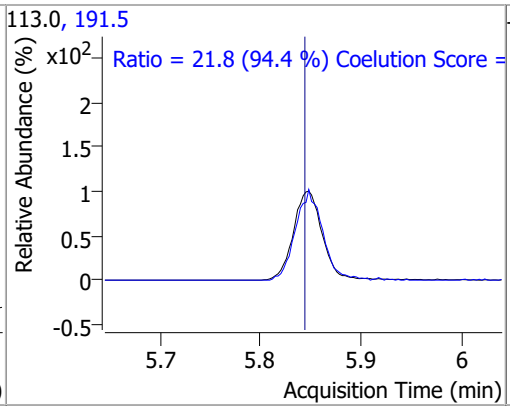
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

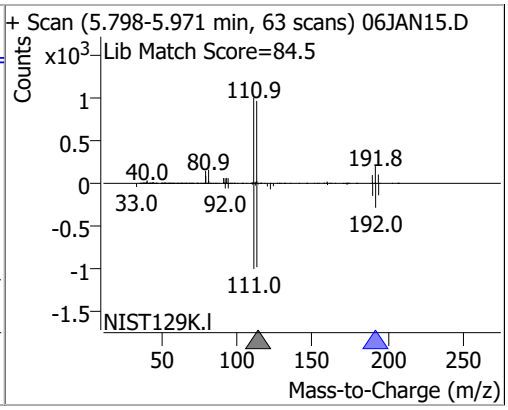




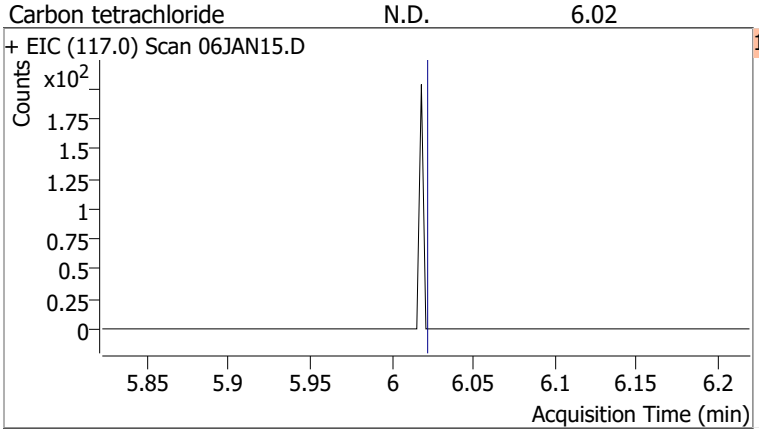
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	281.8176	5.85	0.00	193207	191.5	21.8	0.0	53.1

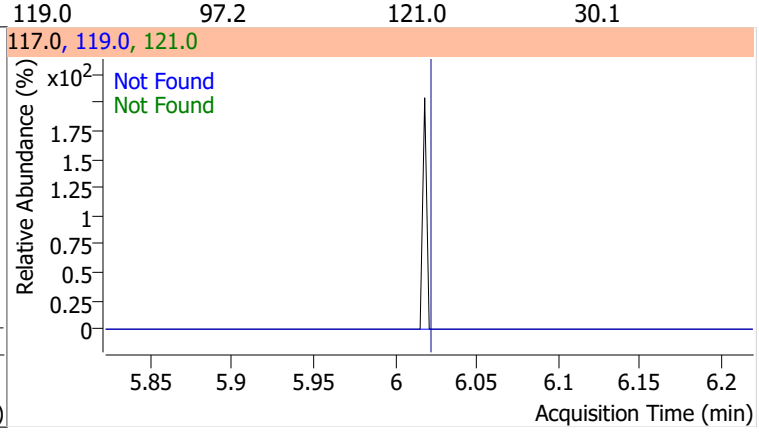




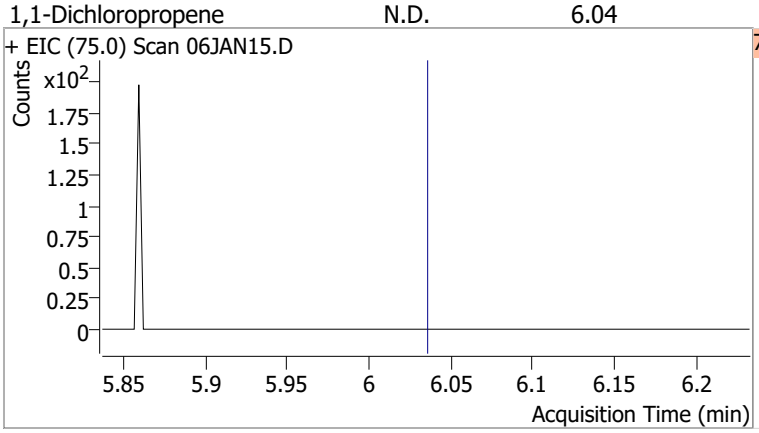


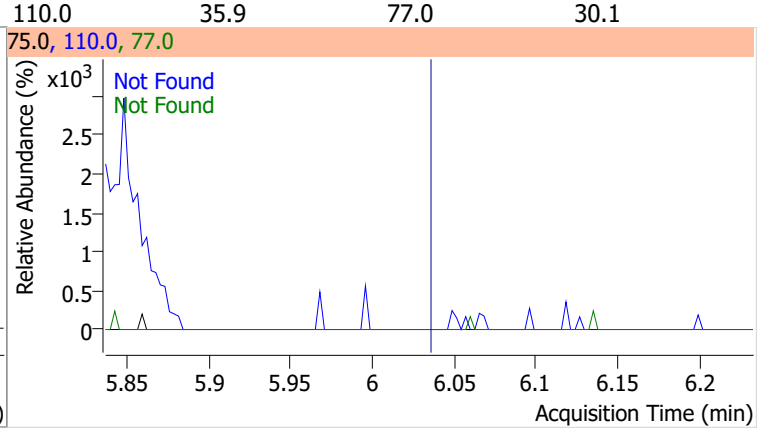
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



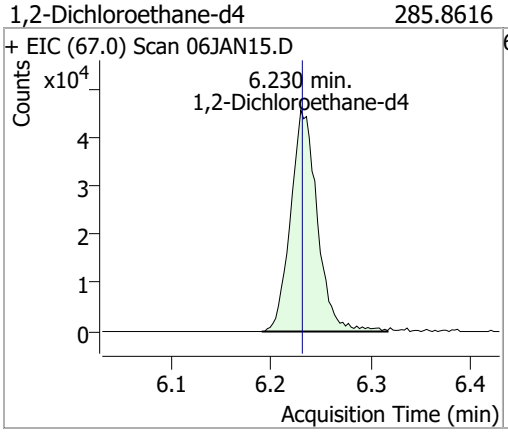


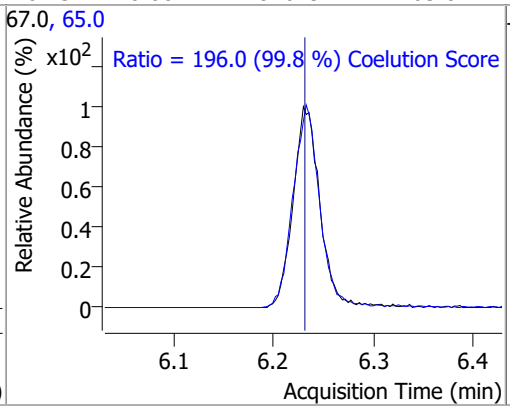
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

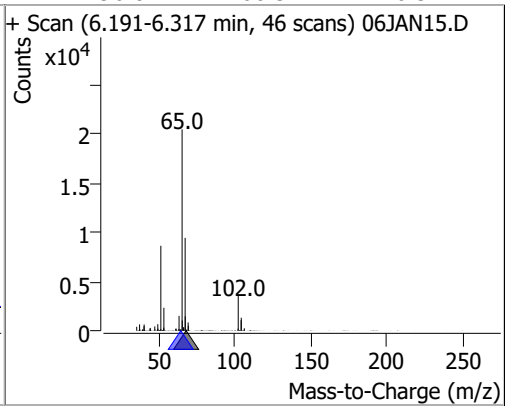




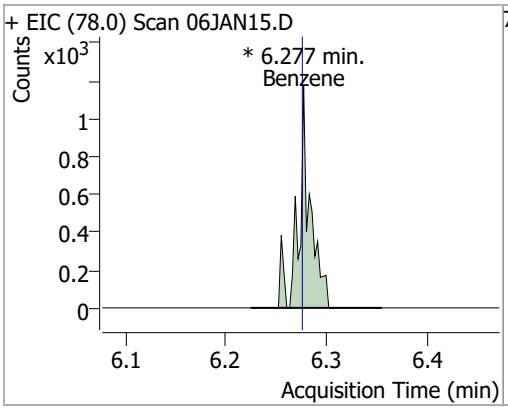
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	285.8616	6.23	0.00	84649	65.0	196.0	166.5	226.5

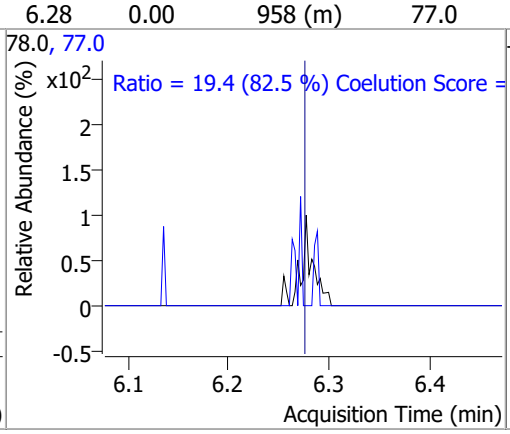


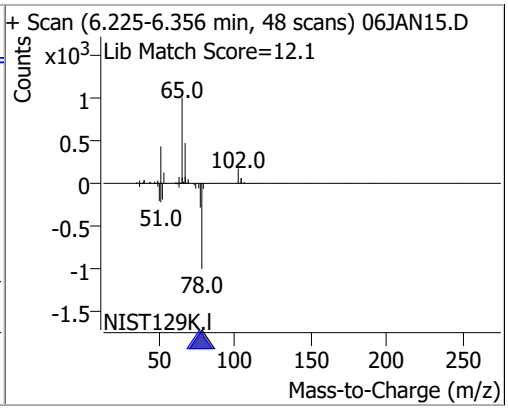




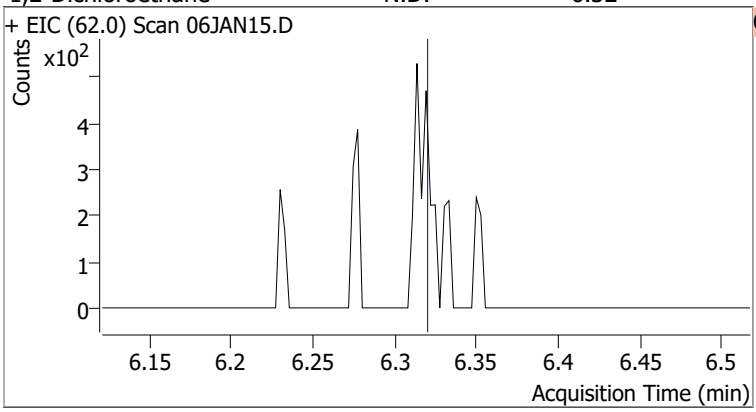
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.3306	6.28	0.00	958 (m)	77.0	19.4	0.0	53.5

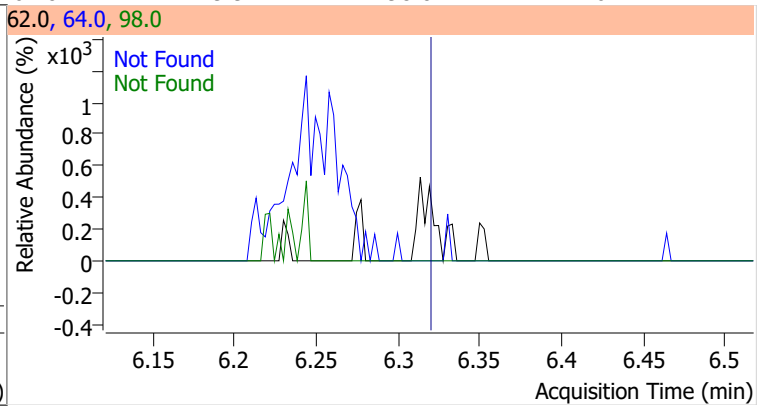




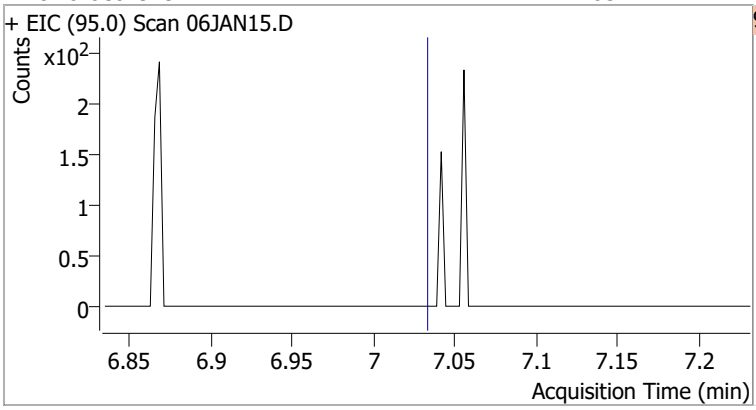


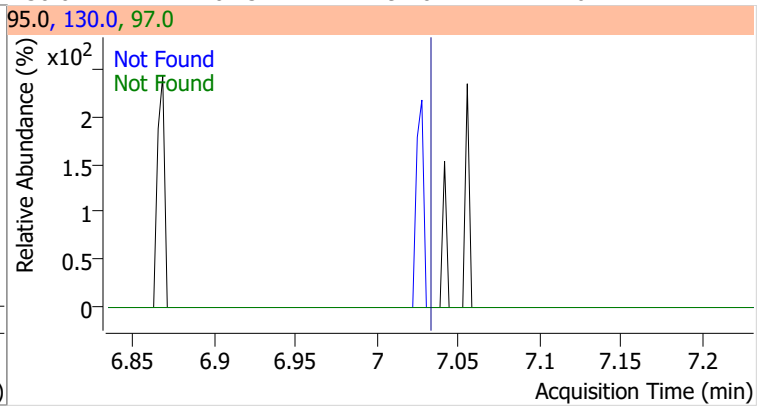
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



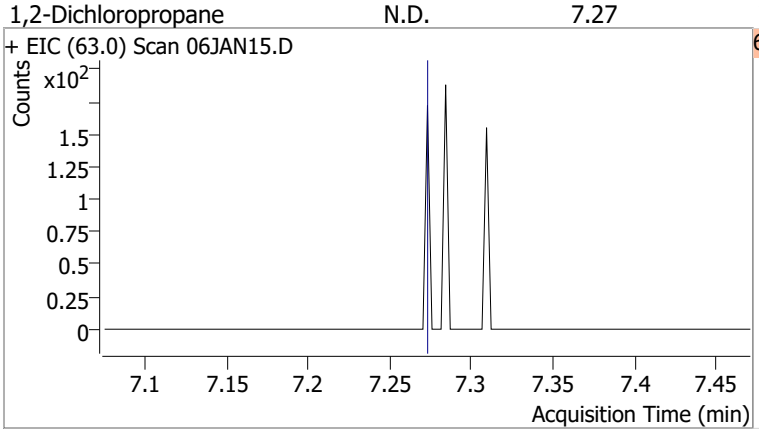


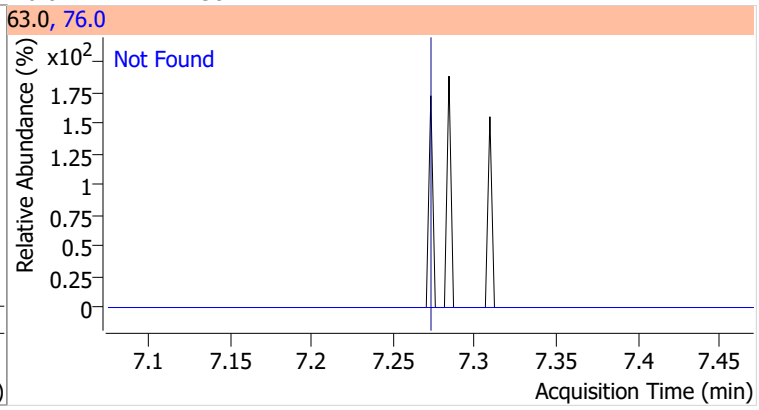
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



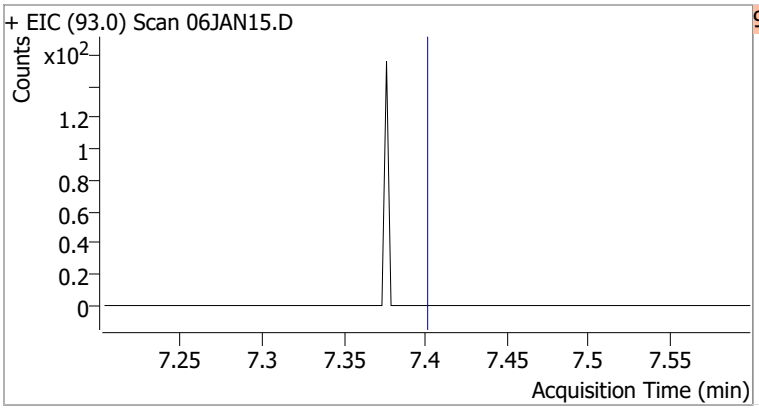


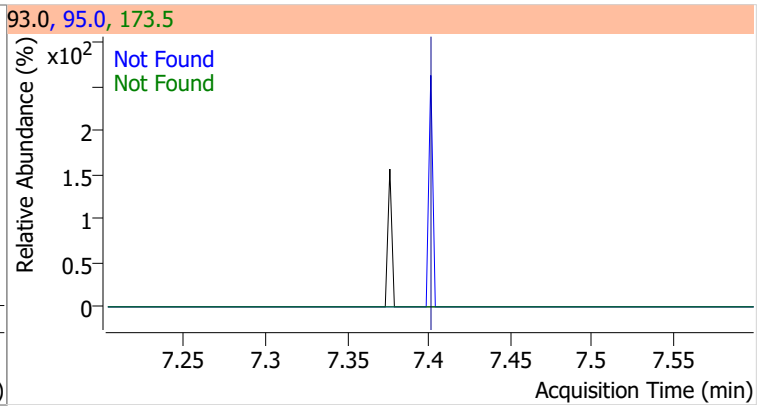
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



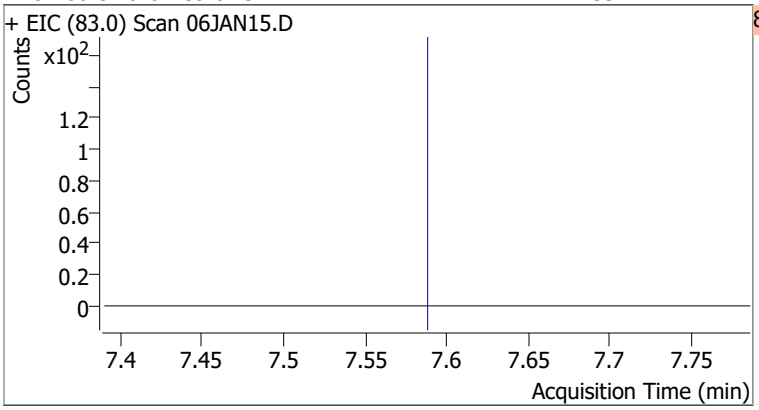


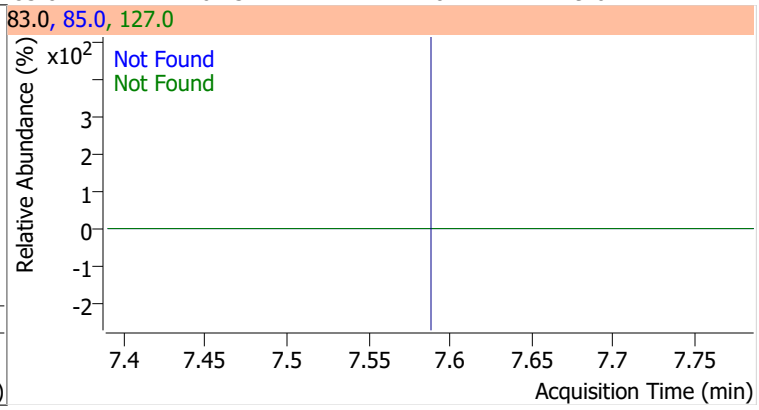
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



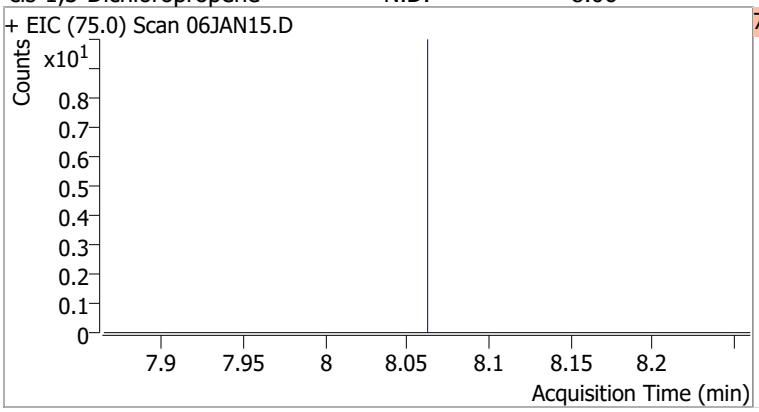


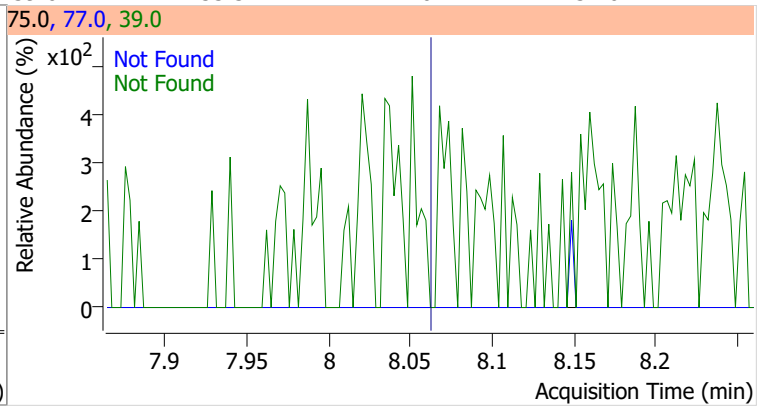
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



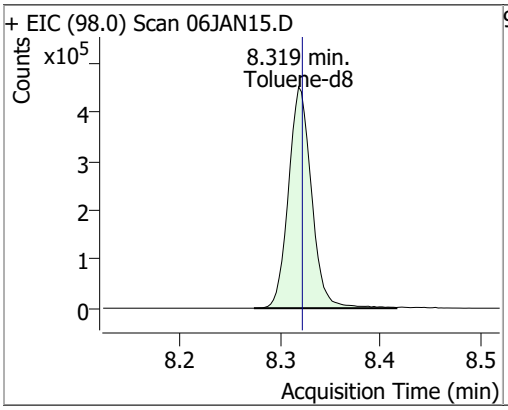


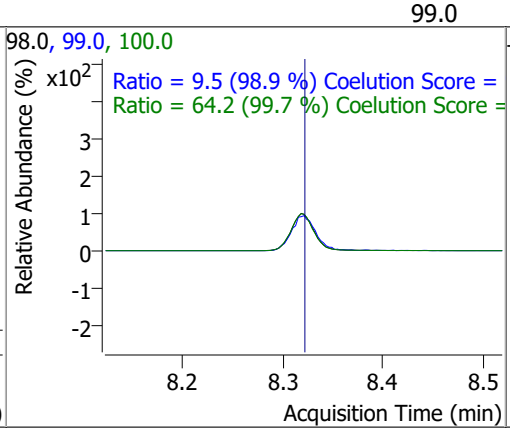
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

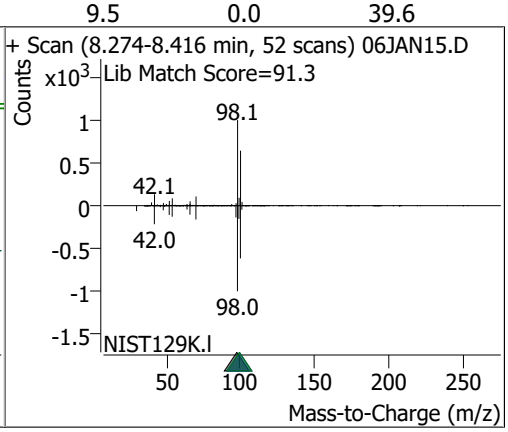




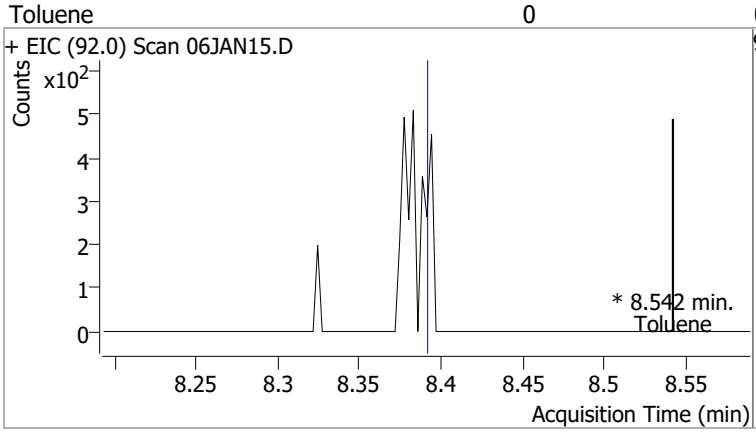
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.8756	8.32	0.00	724422	100.0	64.2	34.4	94.4
					99.0	9.5	0.0	39.6

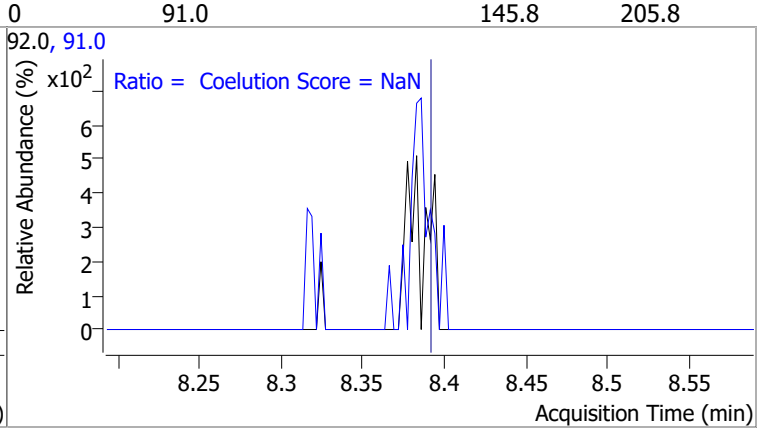




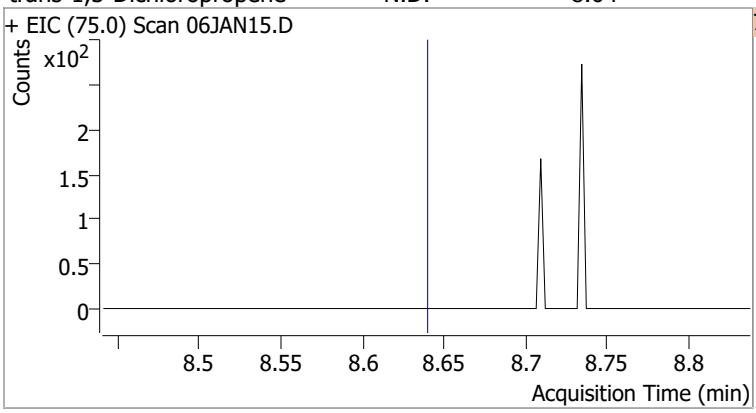


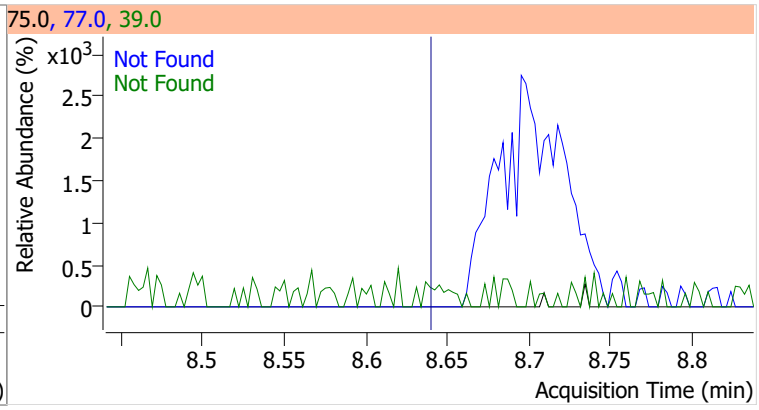
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		145.8	205.8



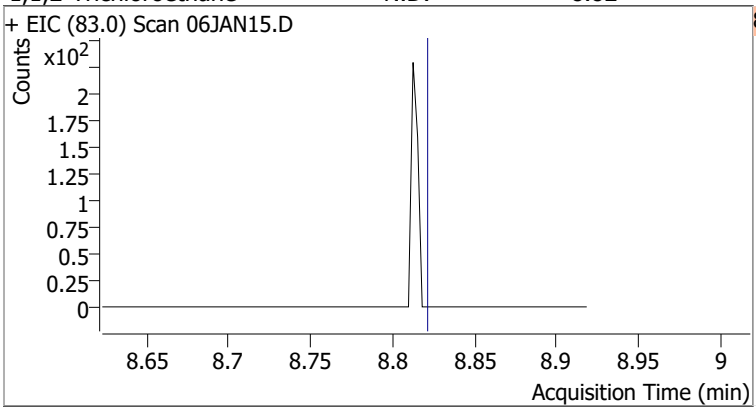


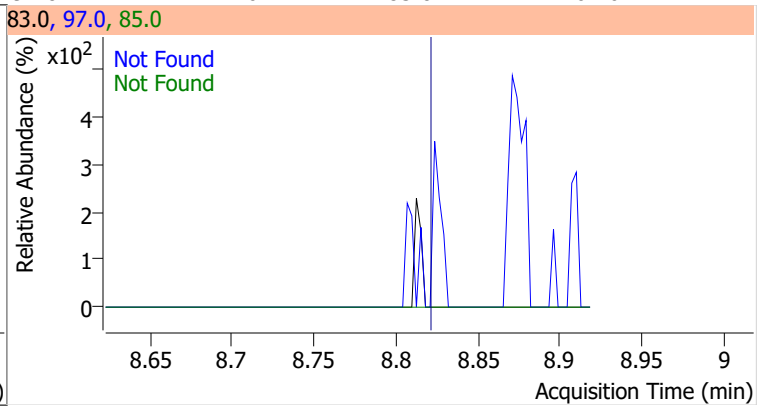
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



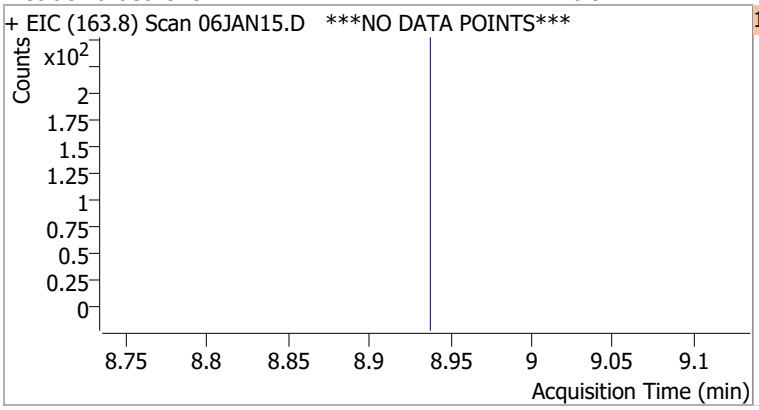


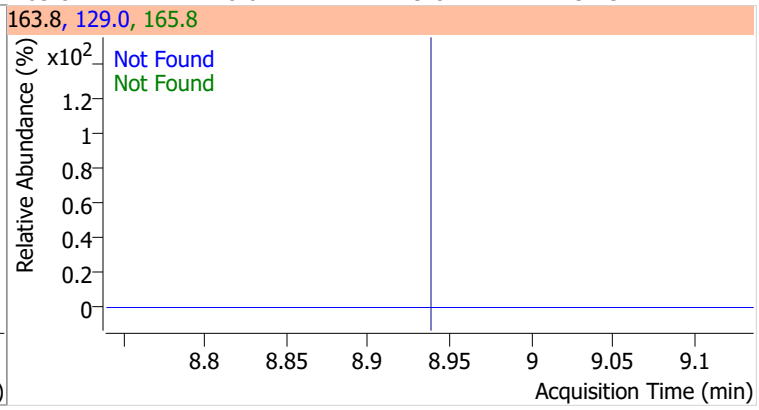
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



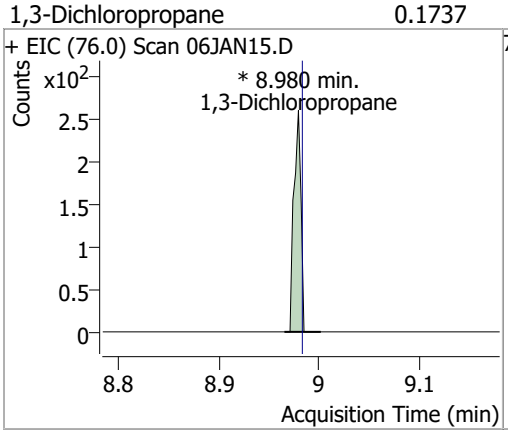


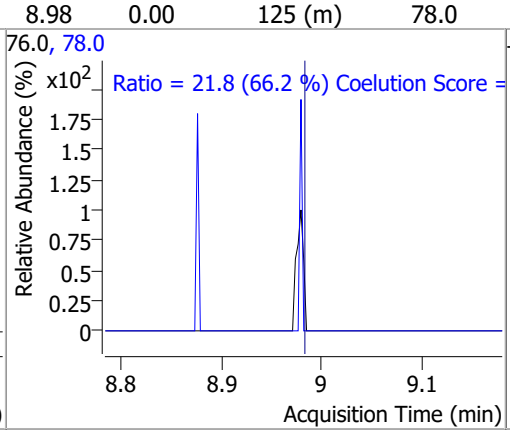
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5

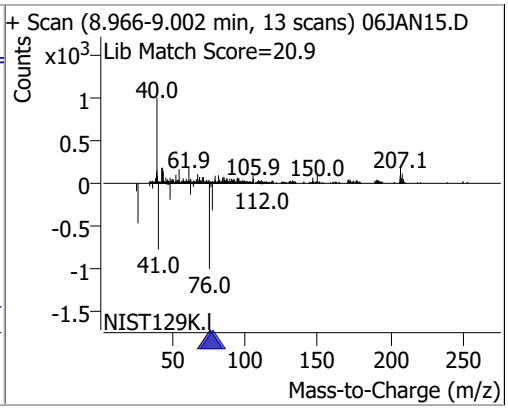




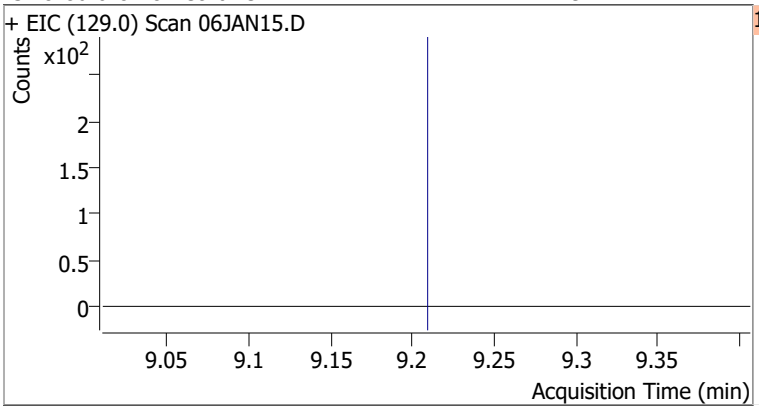
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	0.1737	8.98	0.00	125 (m)	78.0	21.8	2.9	62.9

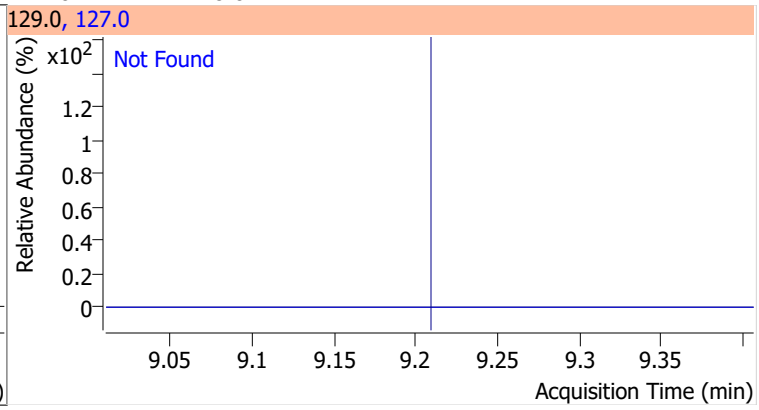




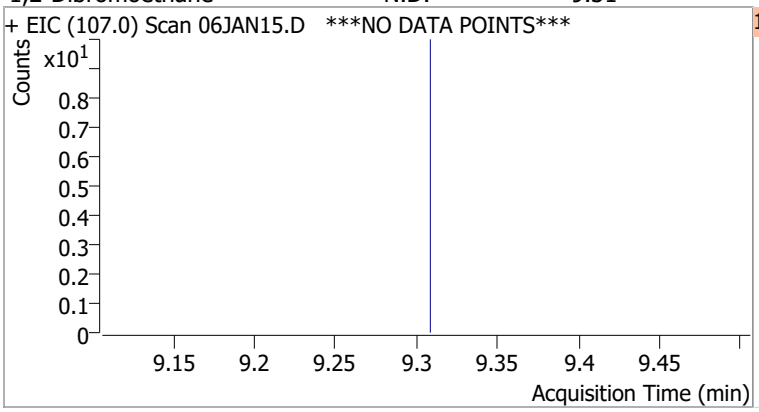


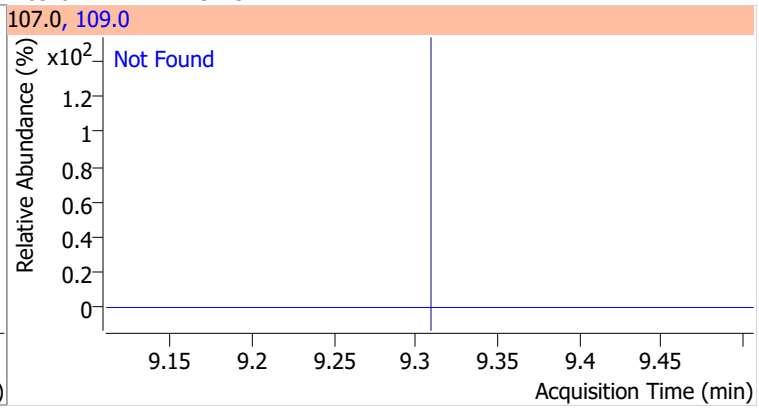
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



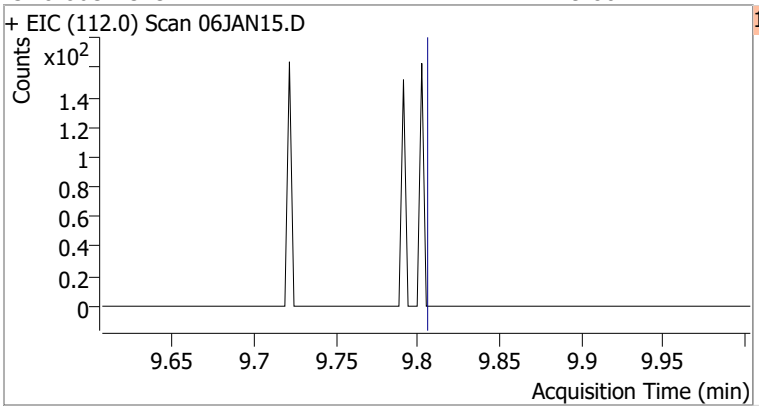


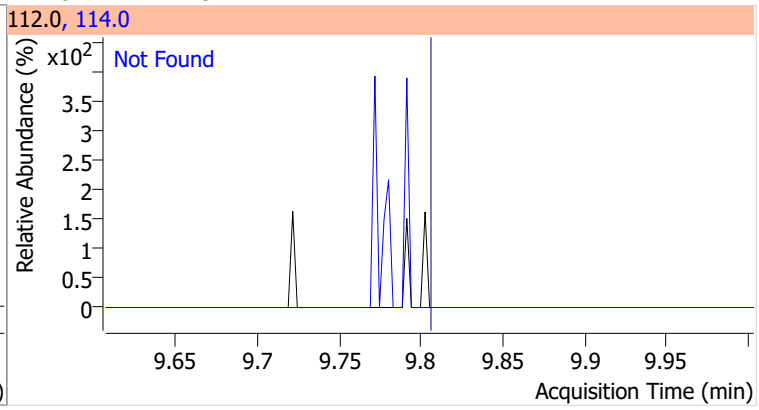
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



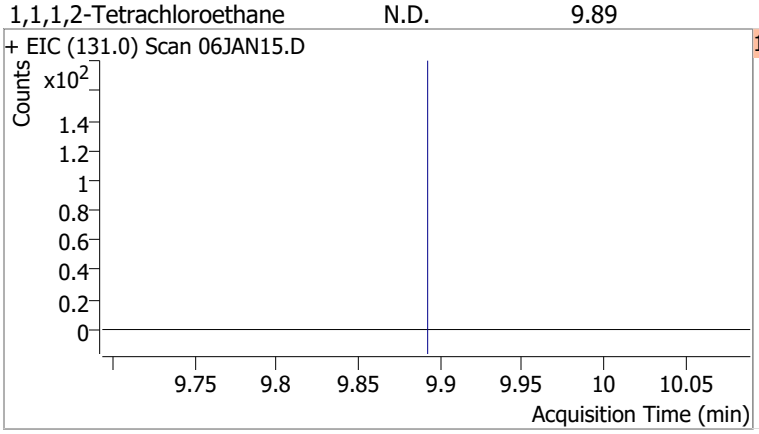


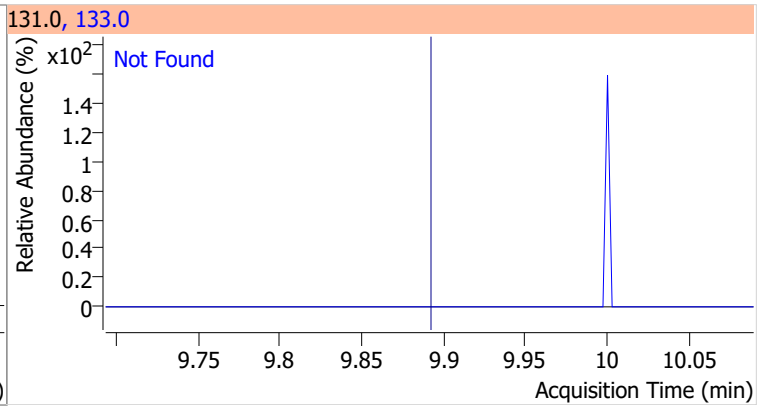
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



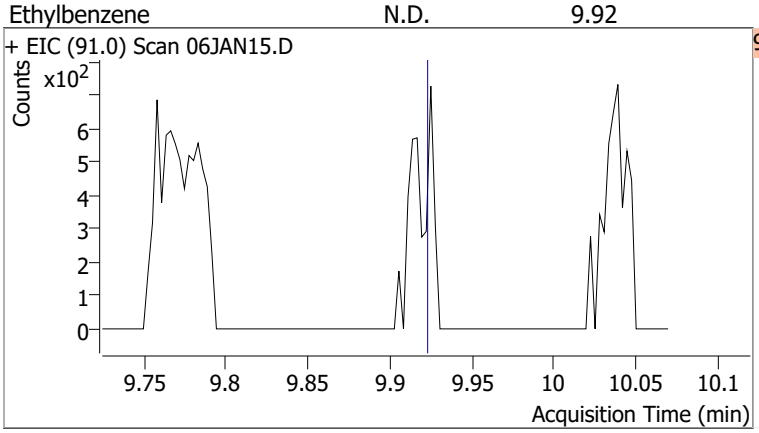


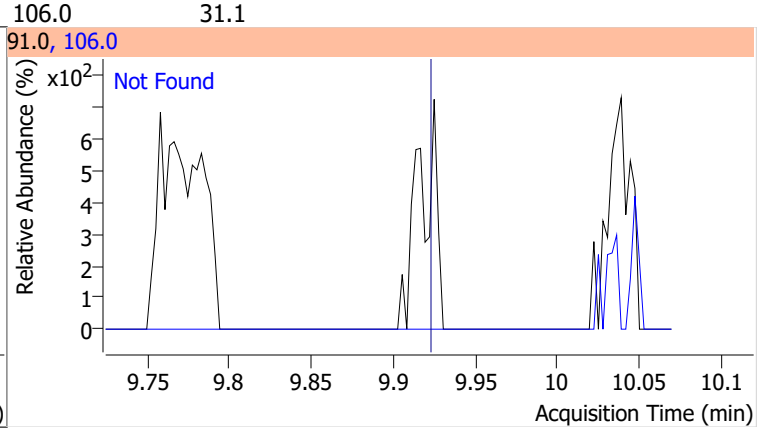
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



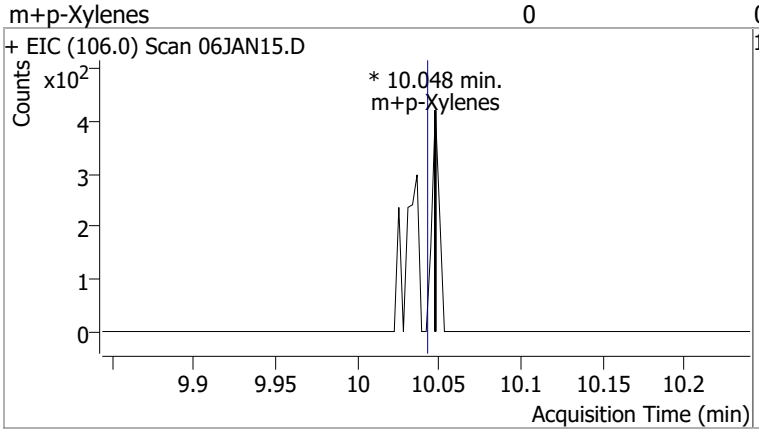


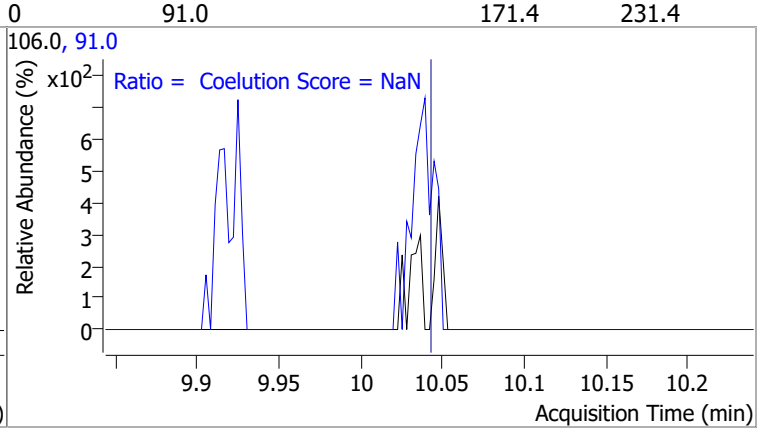
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



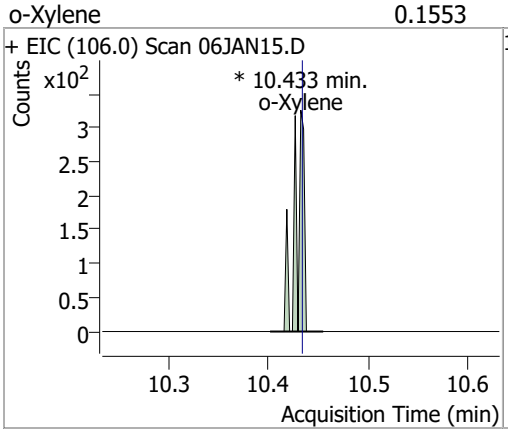


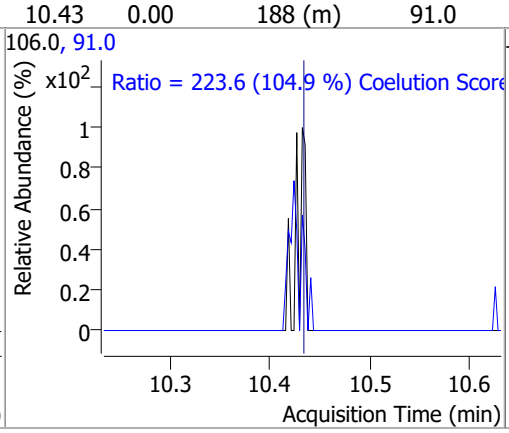
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		171.4	231.4

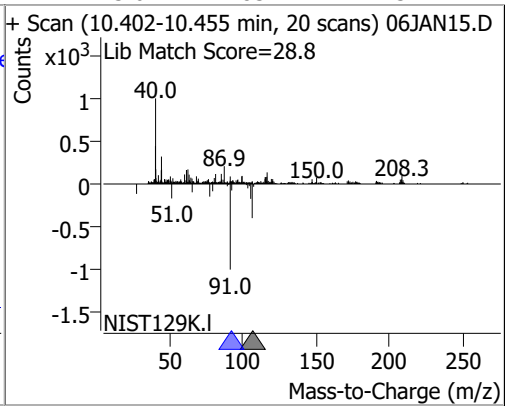




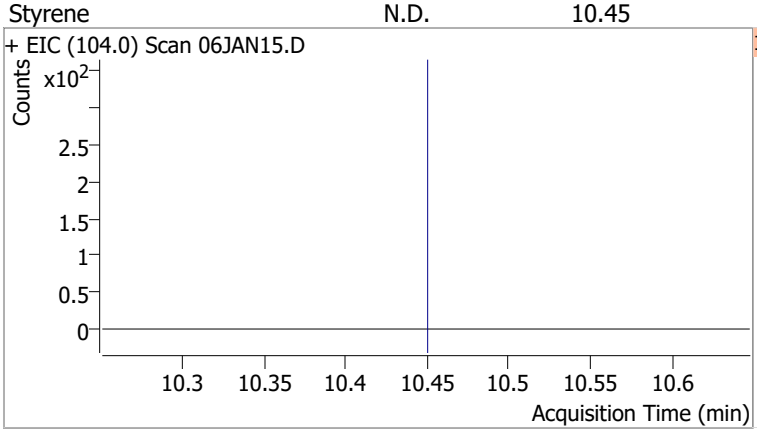
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	0.1553	10.43	0.00	188 (m)	91.0	223.6	183.1	243.1

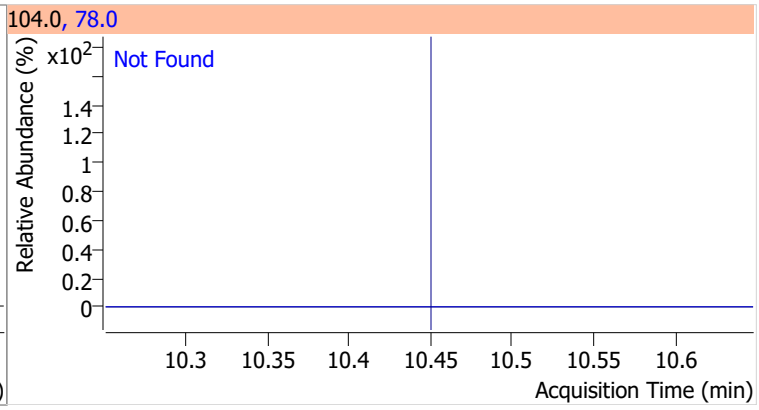




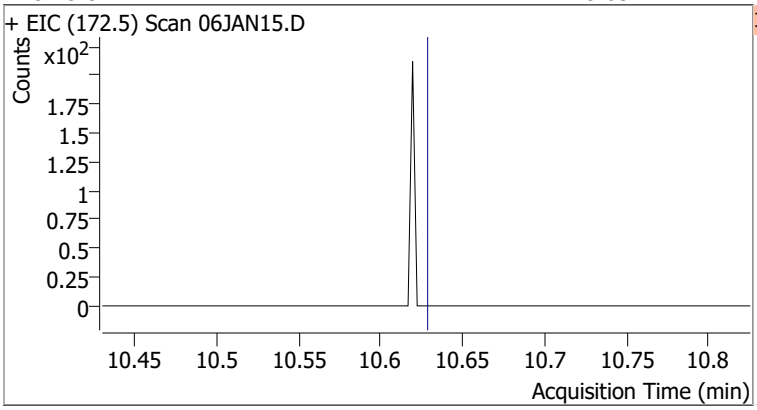


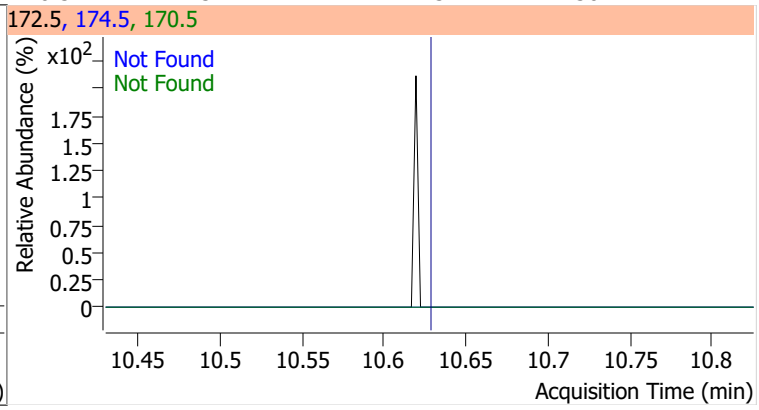
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



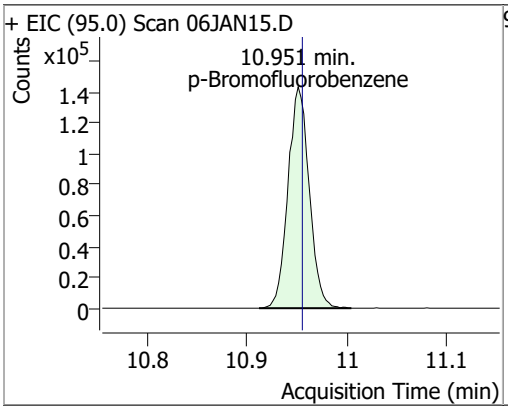


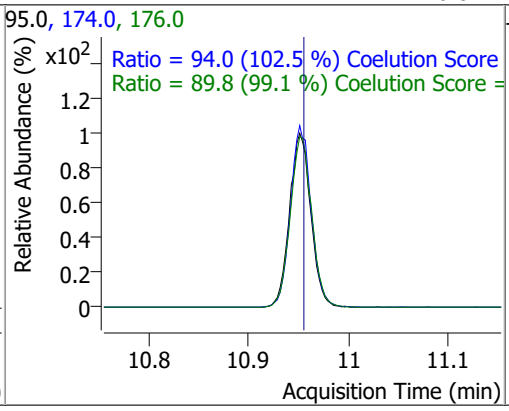
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

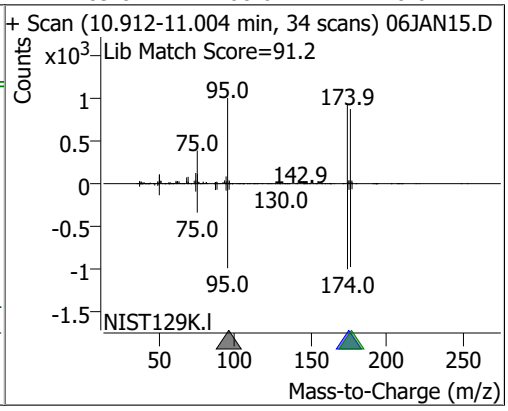




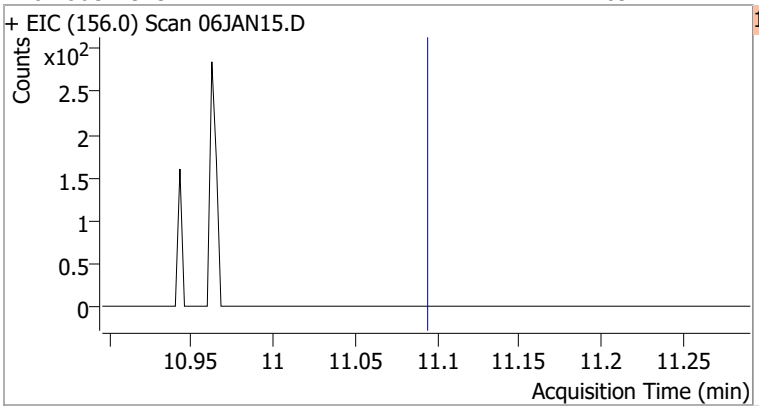
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.3400	10.95	0.00	210445	174.0	94.0	61.7	121.7
					176.0	89.8	60.6	120.6

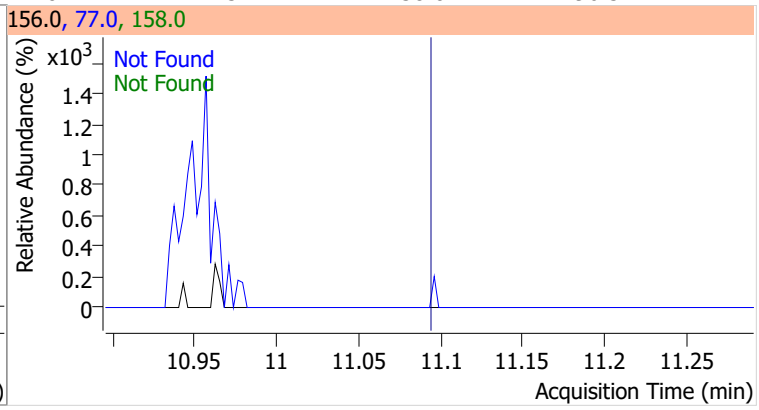




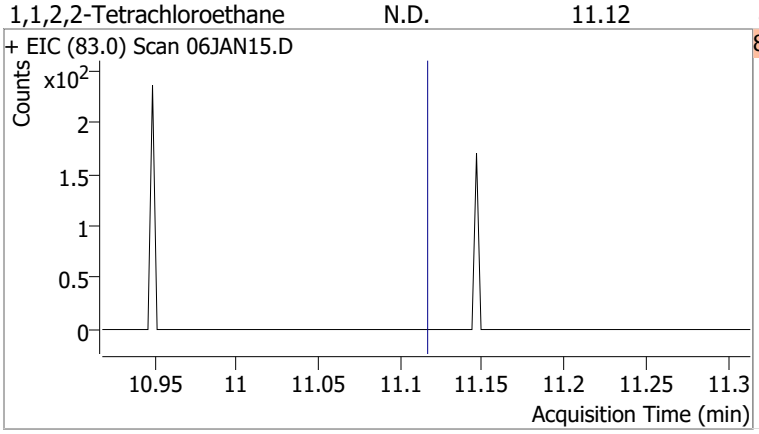


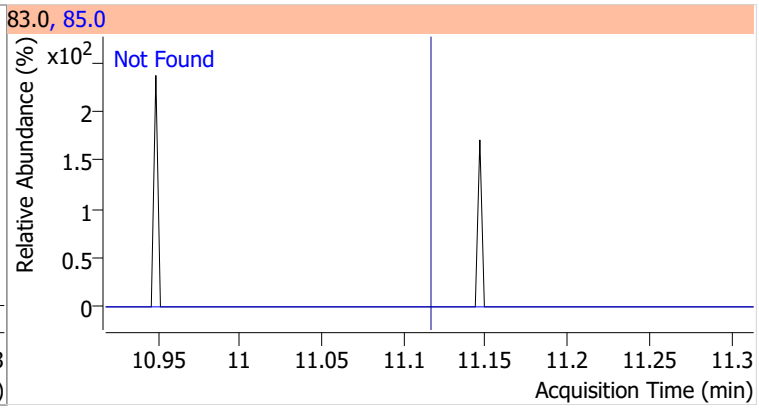
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



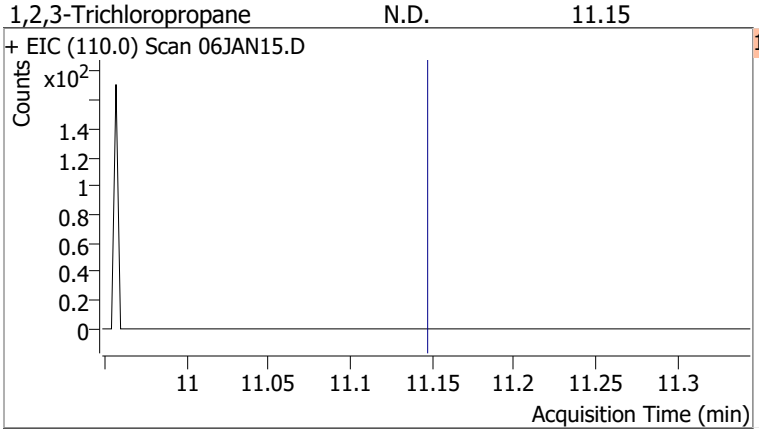


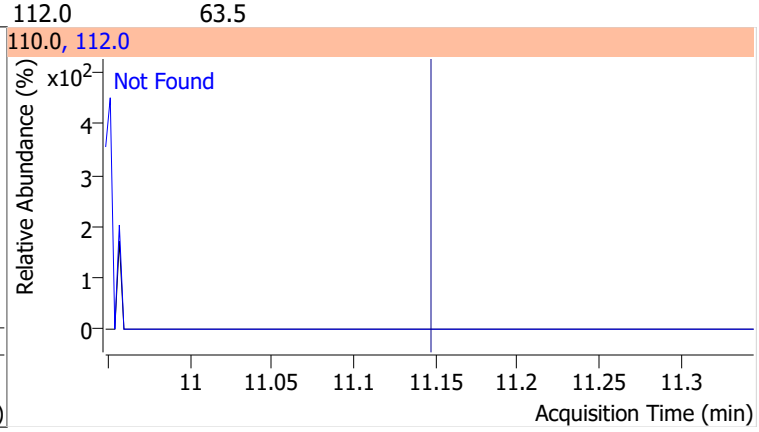
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



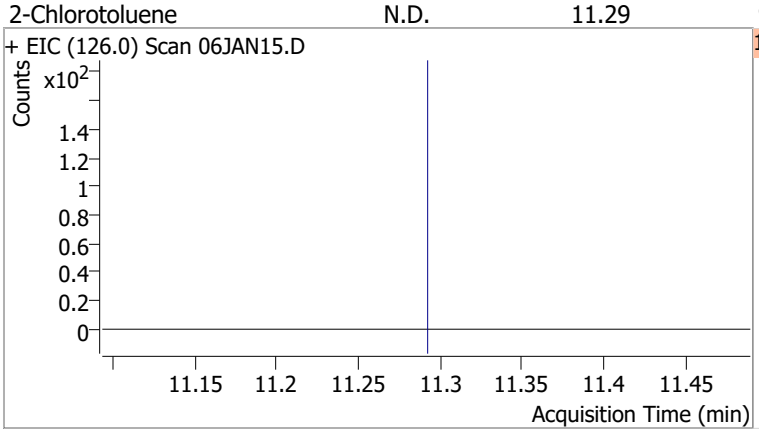


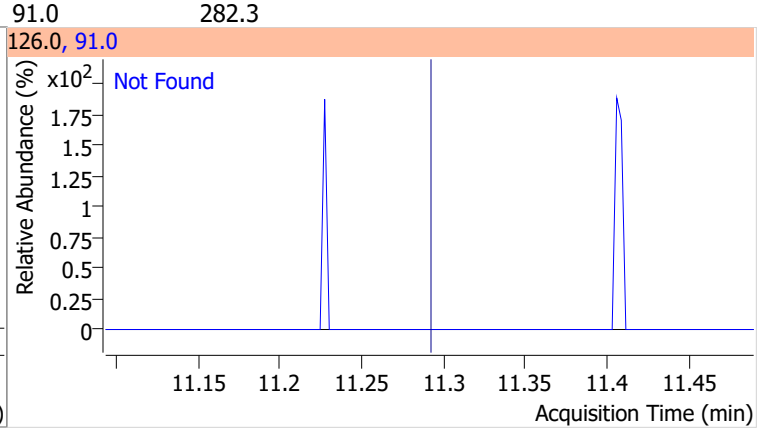
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



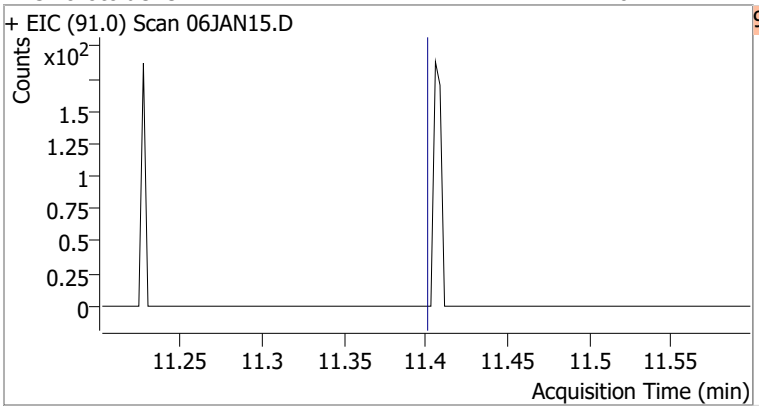


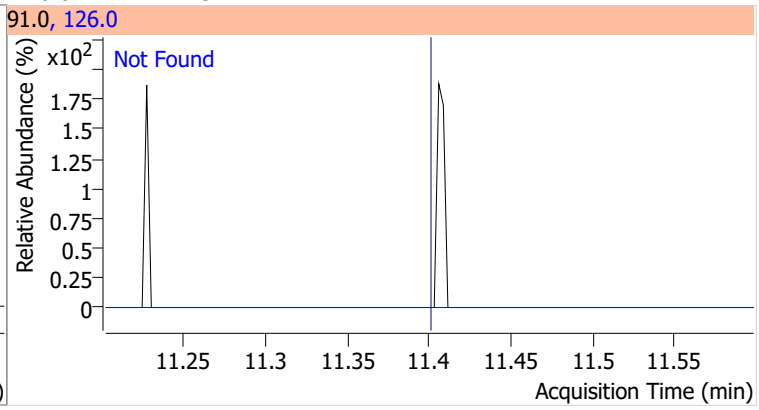
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



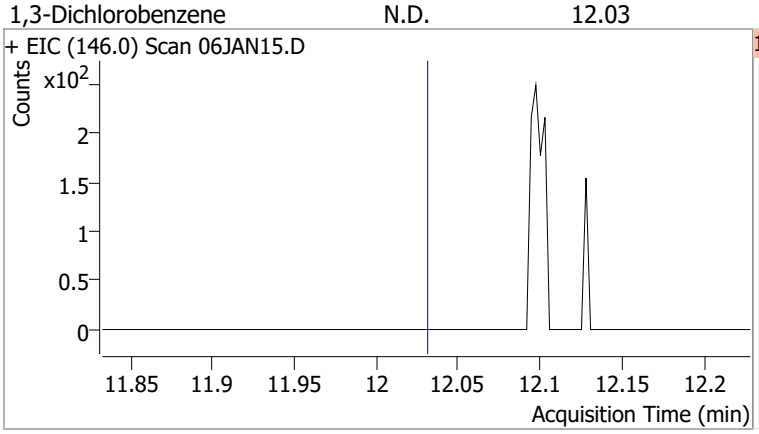


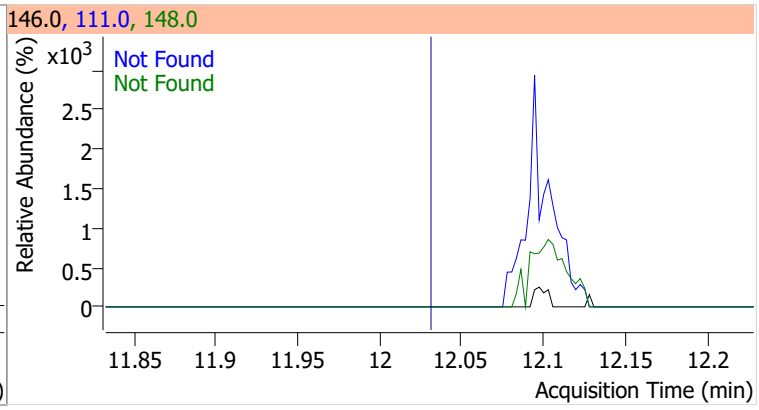
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



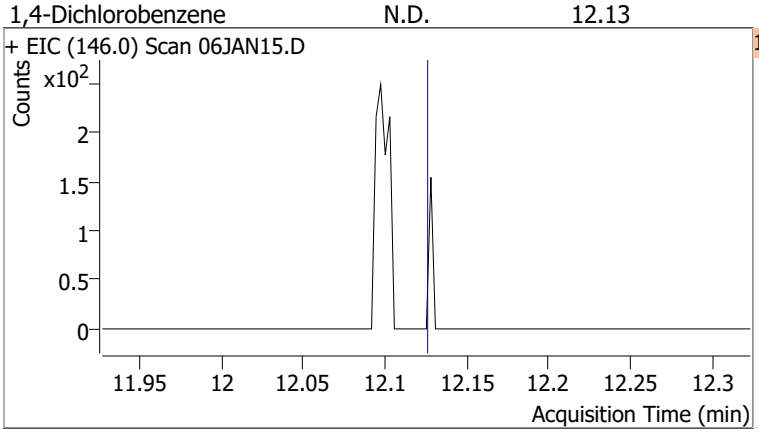


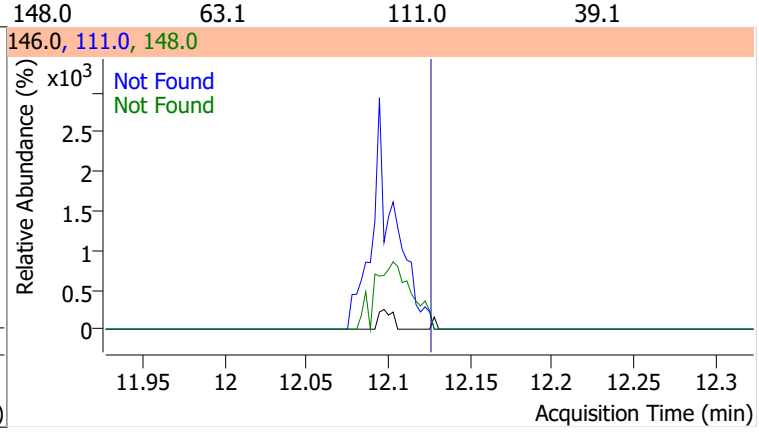
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



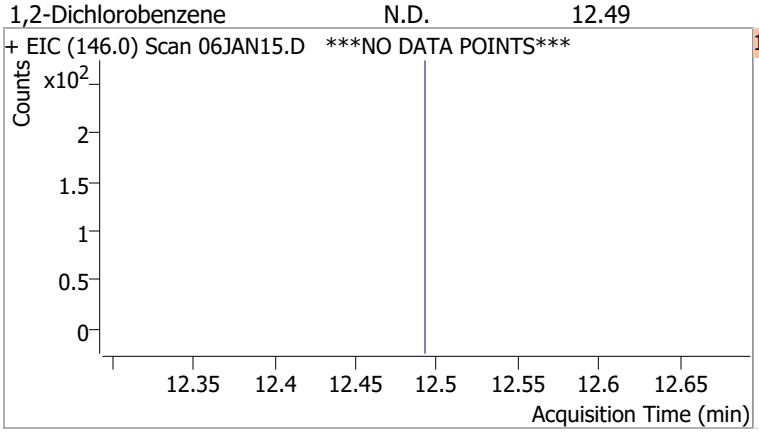


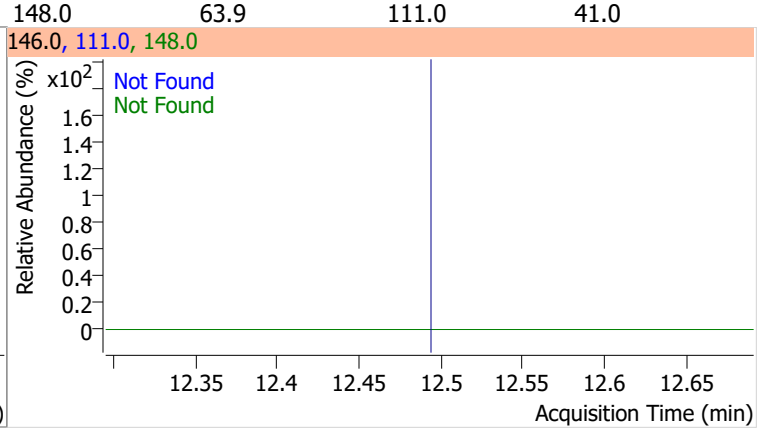
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





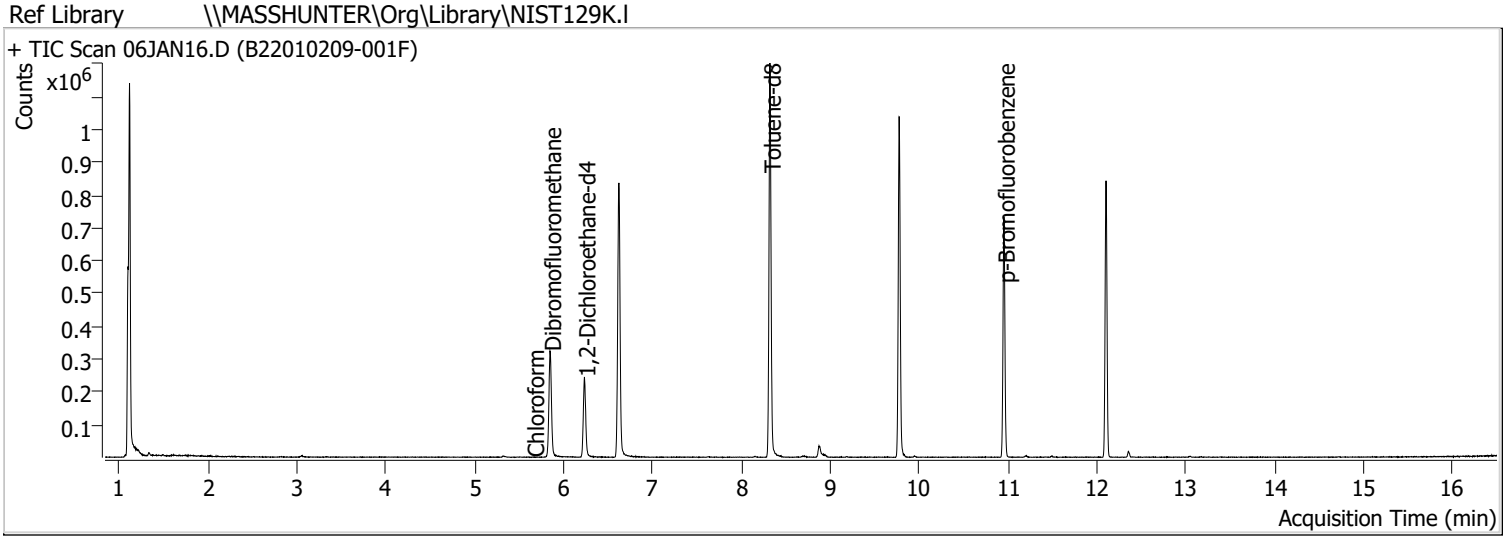
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN16.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 4:44:14 PM
Sample Name	B22010209-001F	Instrument	VOA5975C
Vial	16	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

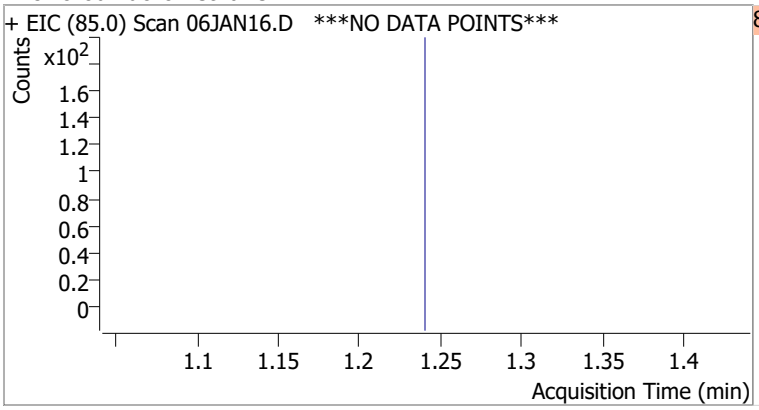


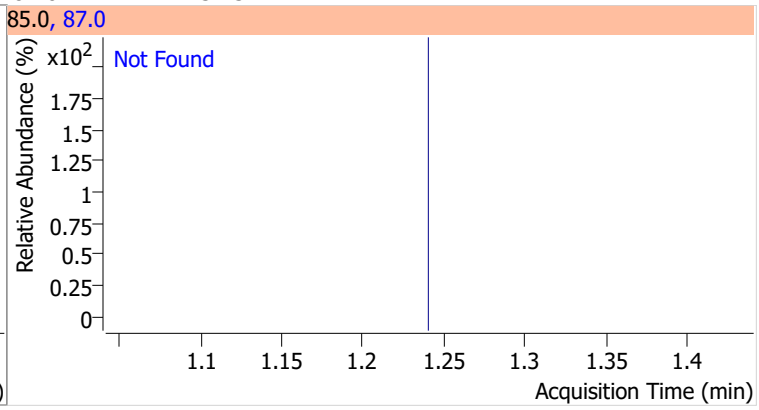
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	721141	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	283129	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	208044	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	193414	284.6886	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 113.88%			
S 1,2-Dichloroethane-d4	6.233	67.0	86295	294.0739	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 117.63%			
S Toluene-d8	8.319	98.0	725415	265.8780	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.35%			
S p-Bromofluorobenzene	10.951	95.0	206624	271.0990	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.44%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	0.000		0	N.D.			
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.338	49.0	0		ng	md	1
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.656	83.0	168	0.1226	ng	m	69

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.383	92.0	0		ng	md	1
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.045	106.0	0		ng	md	1
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

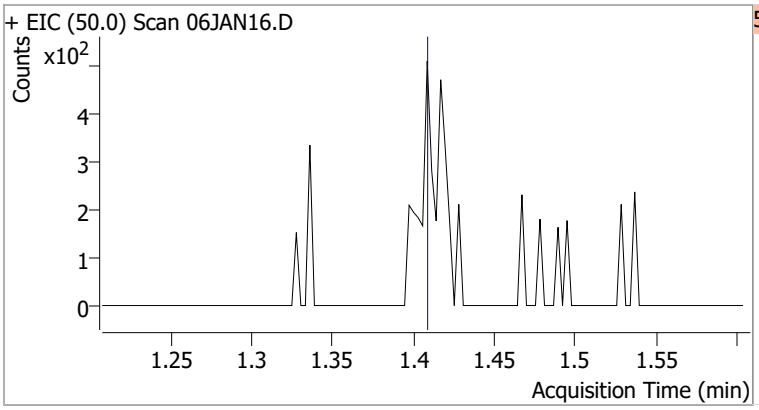
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

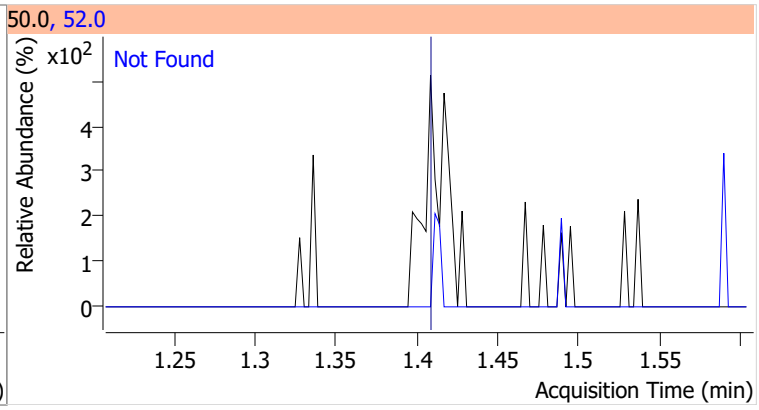
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3



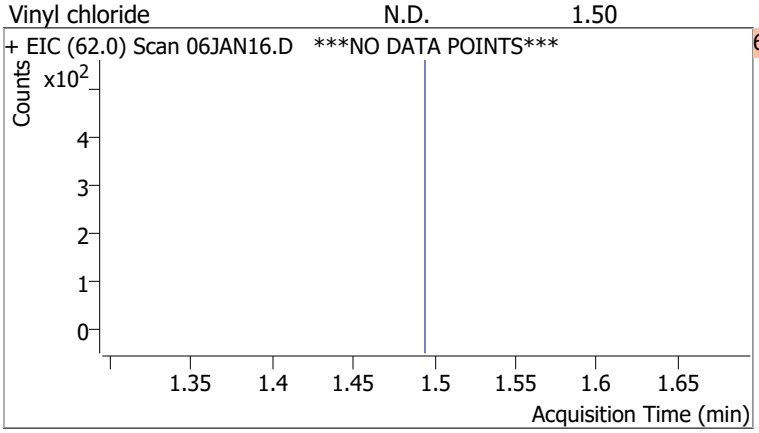


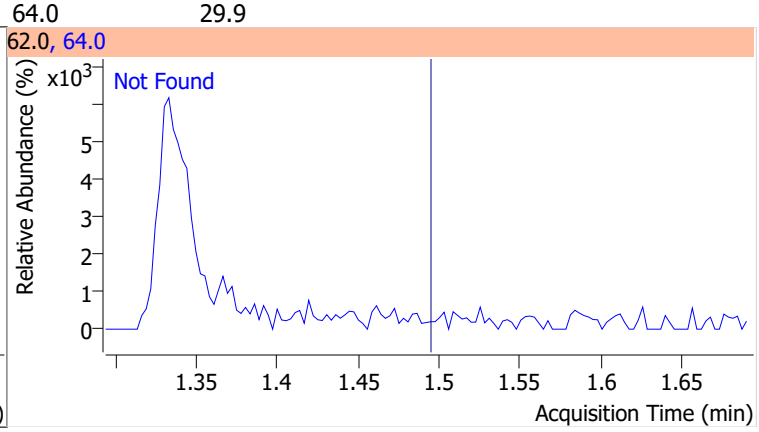
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.1



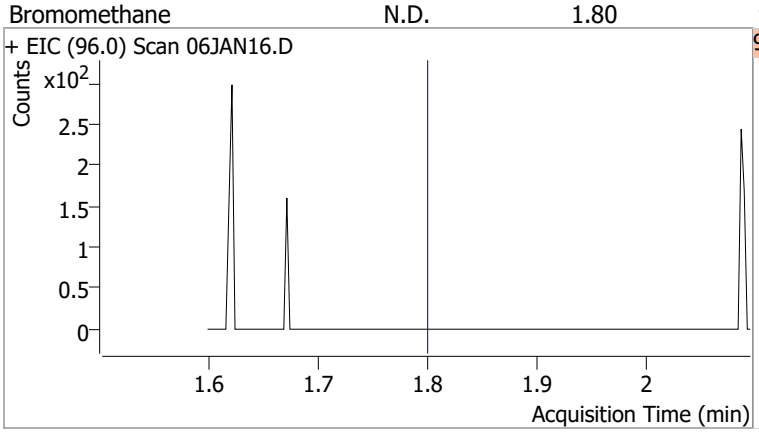


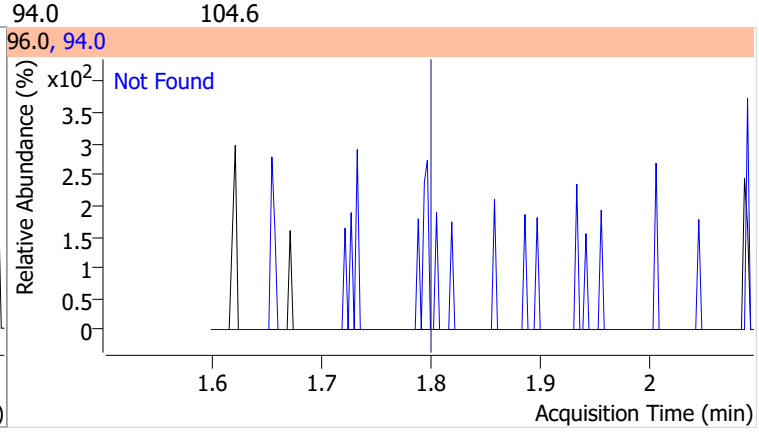
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



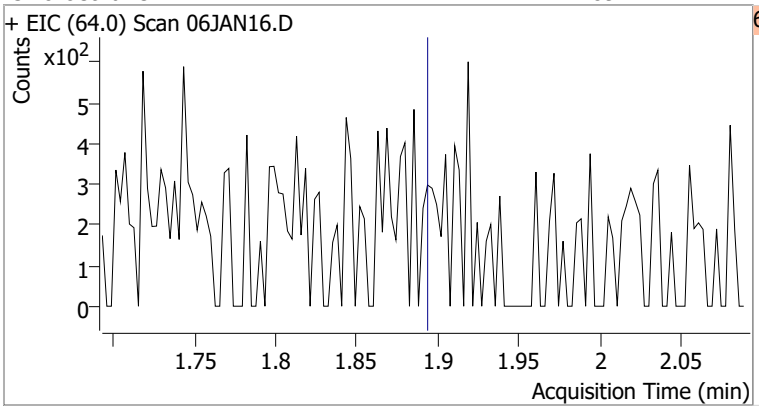


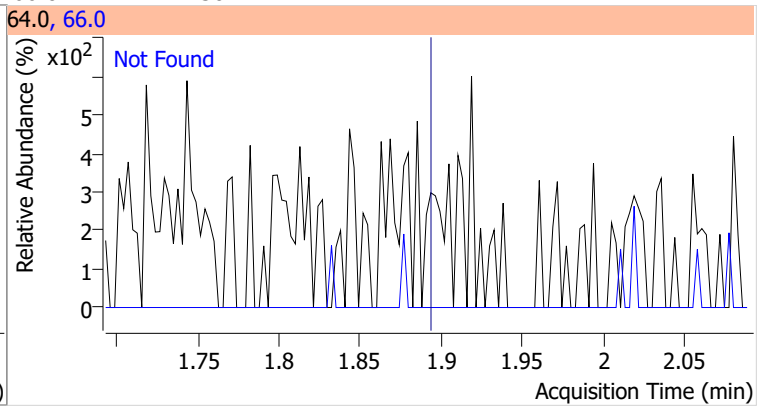
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



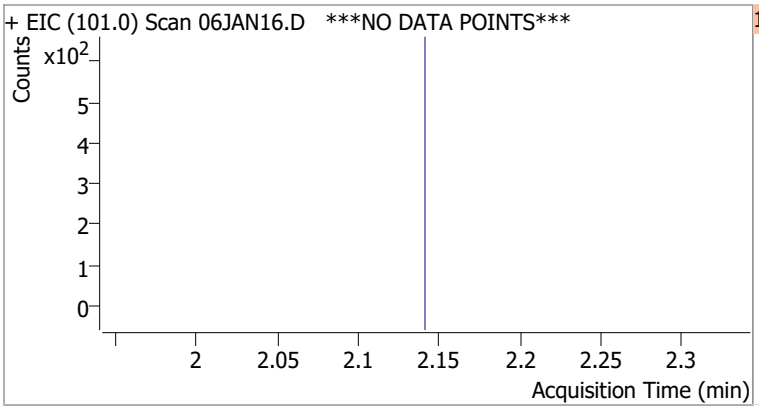


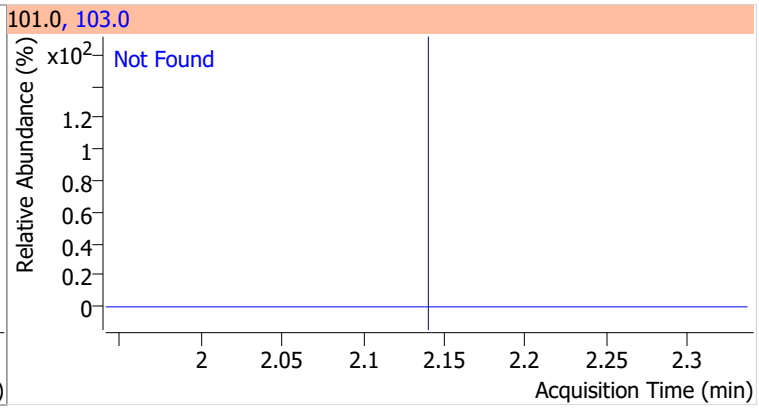
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



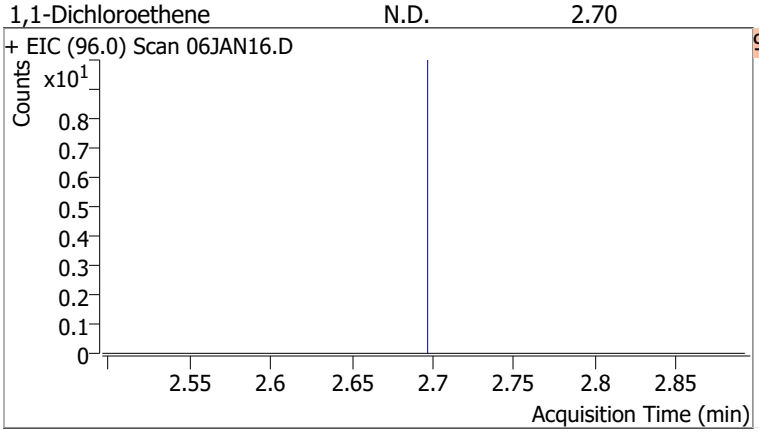


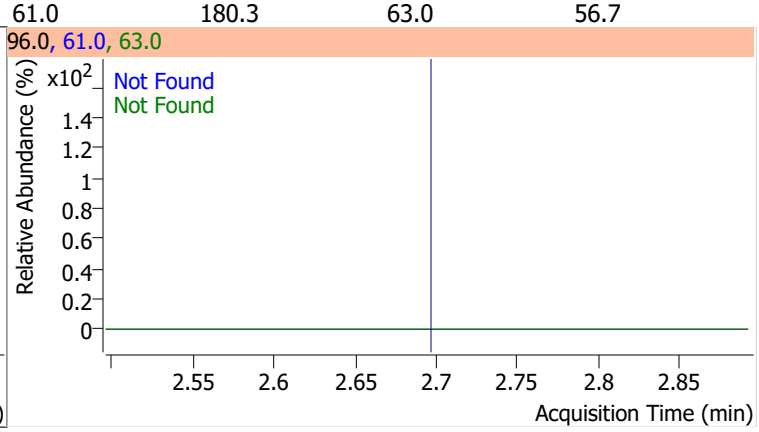
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



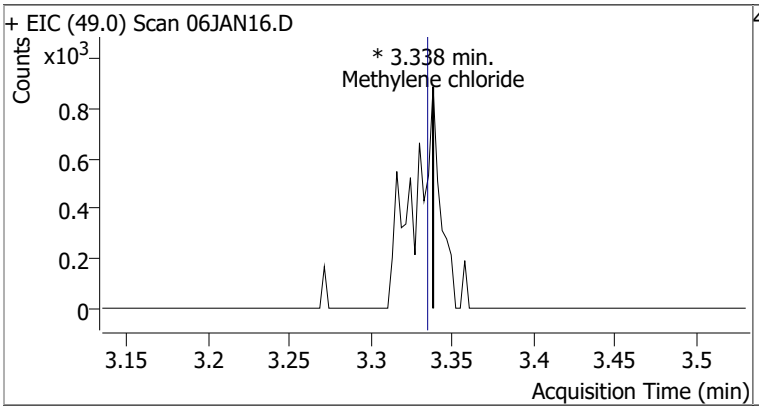


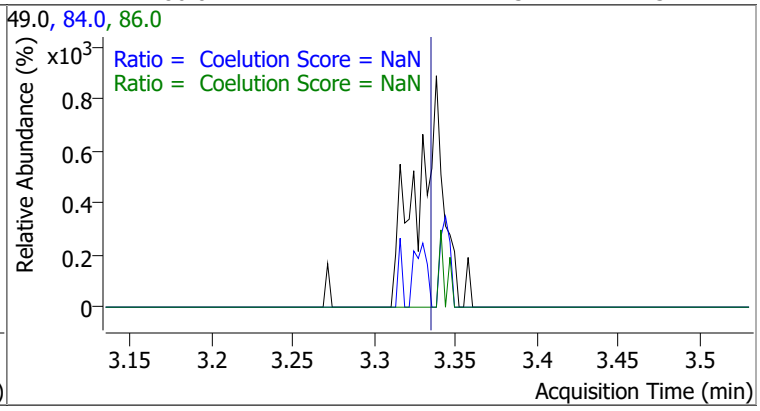
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7



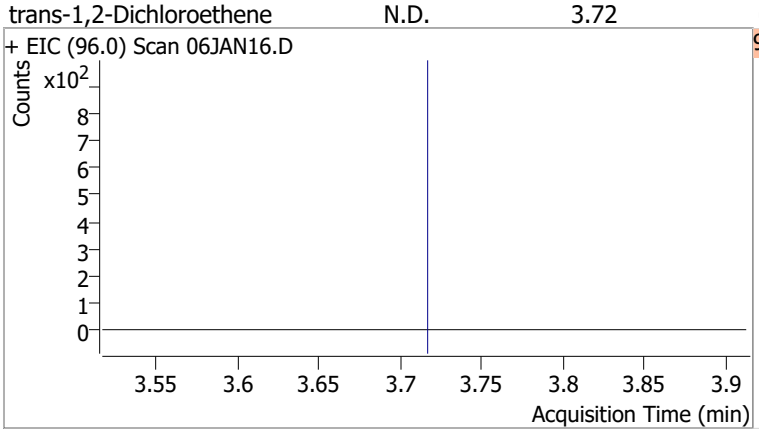


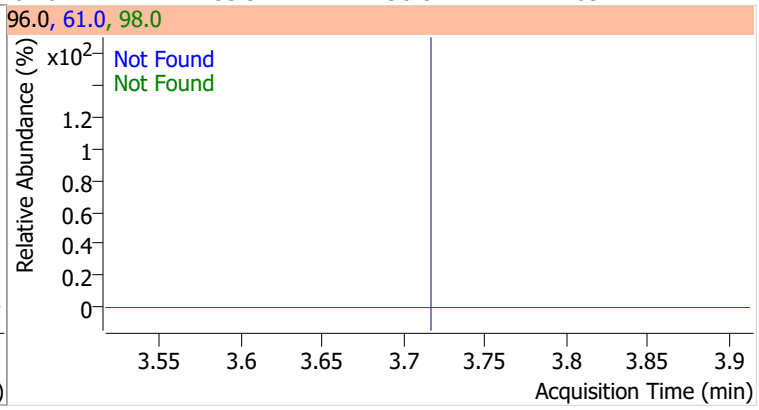
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride		0		0	84.0		36.9	96.9
					86.0		14.3	74.3



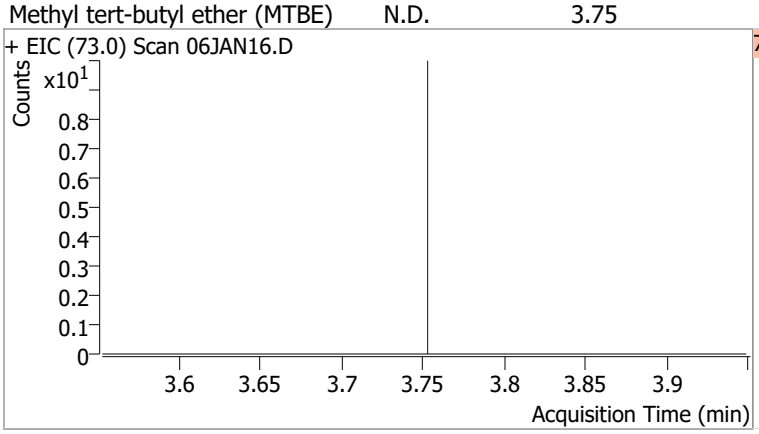


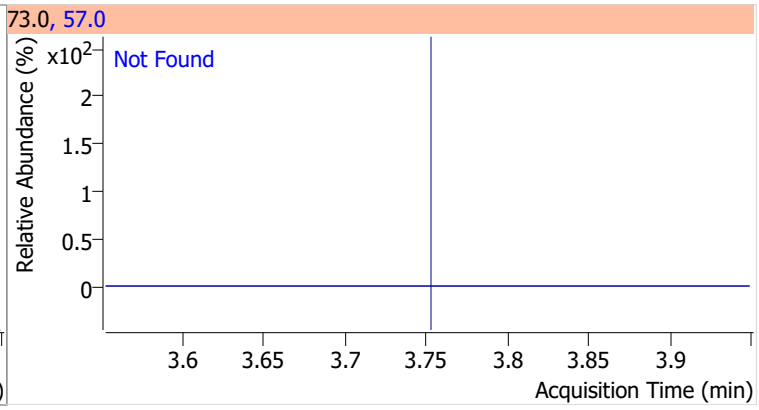
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



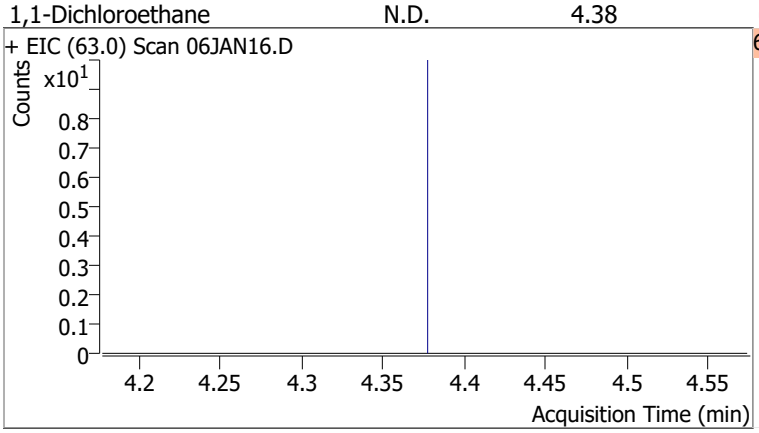


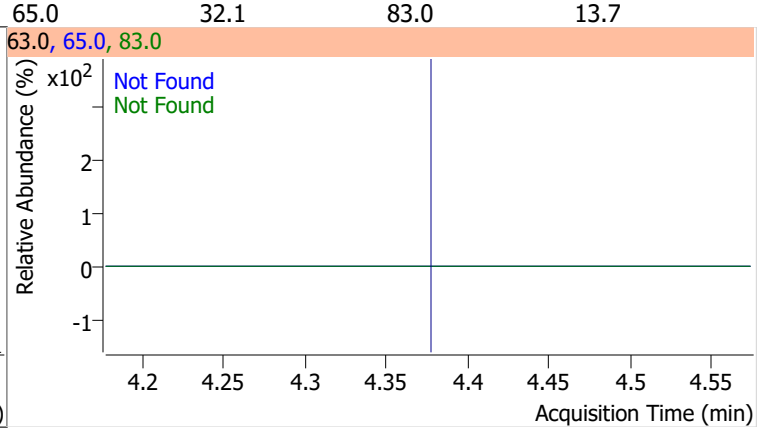
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



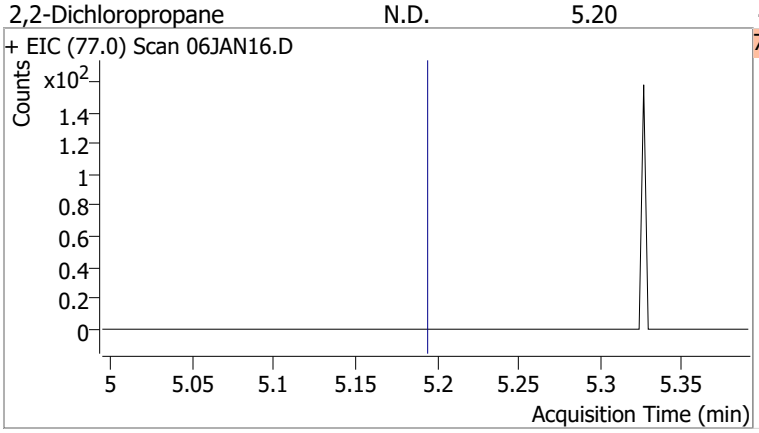


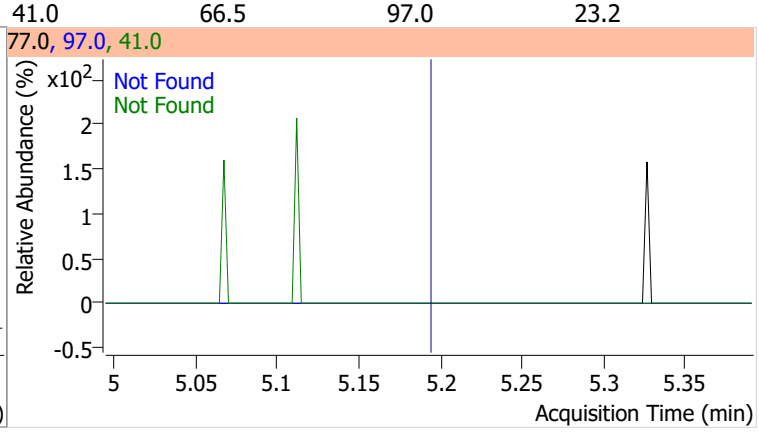
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



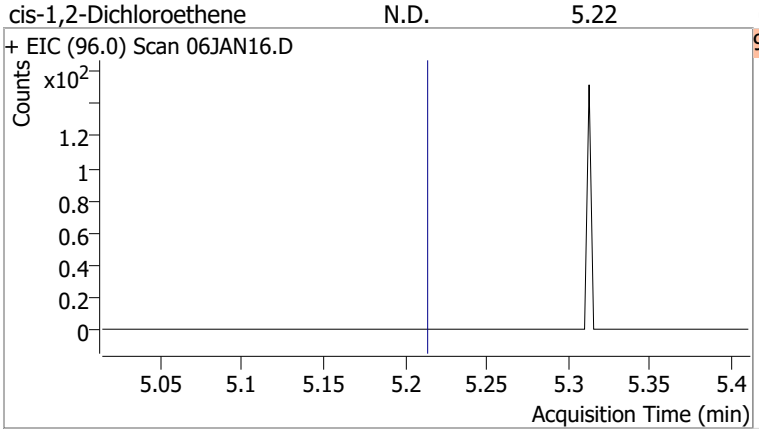


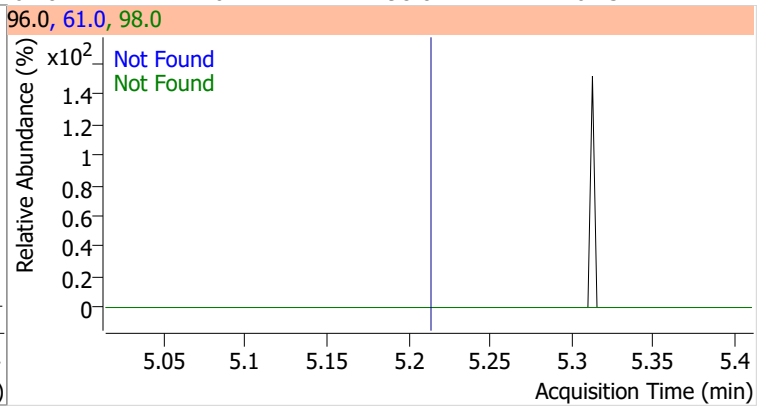
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



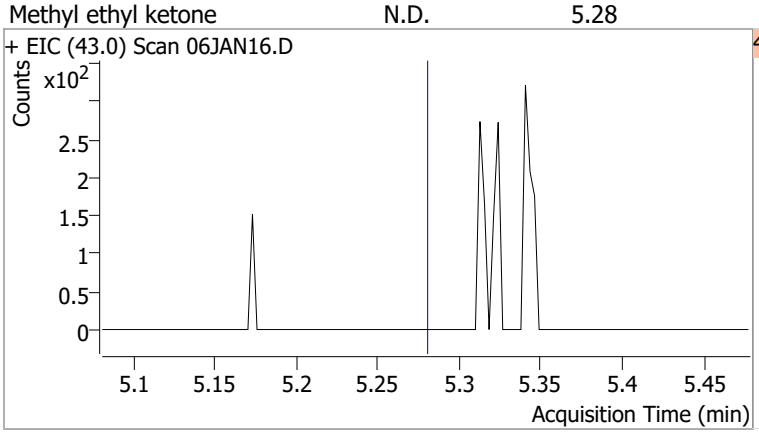


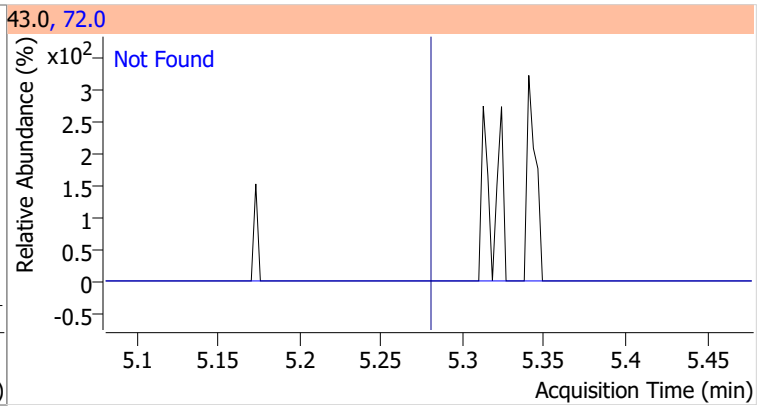
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



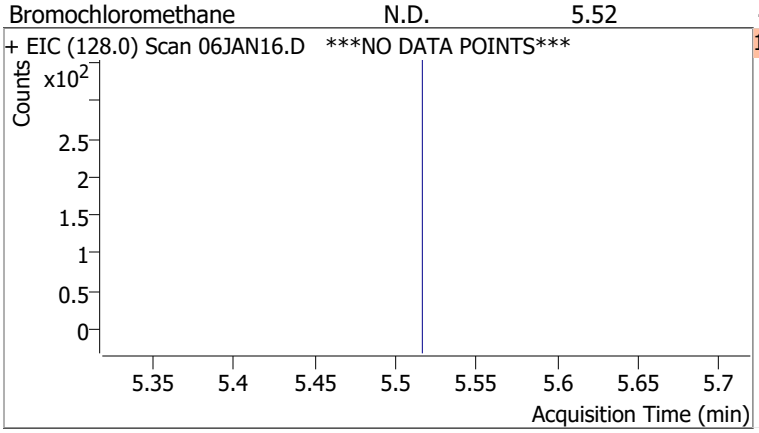


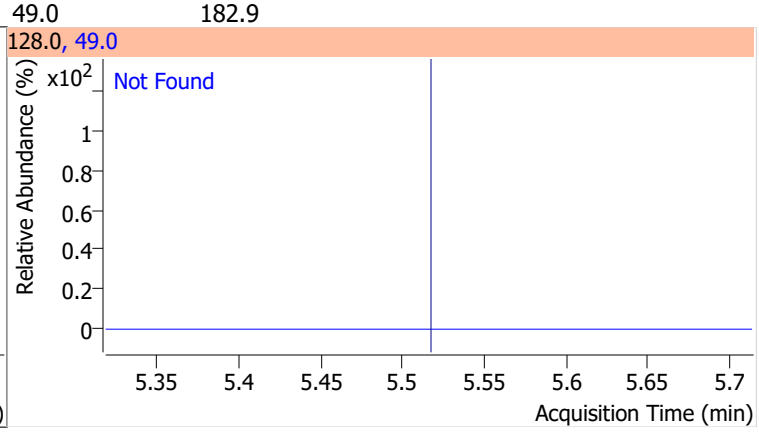
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



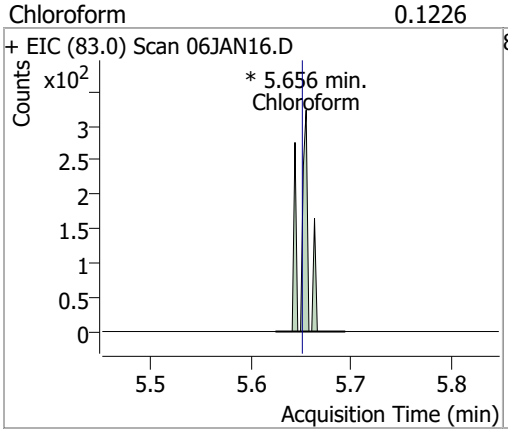


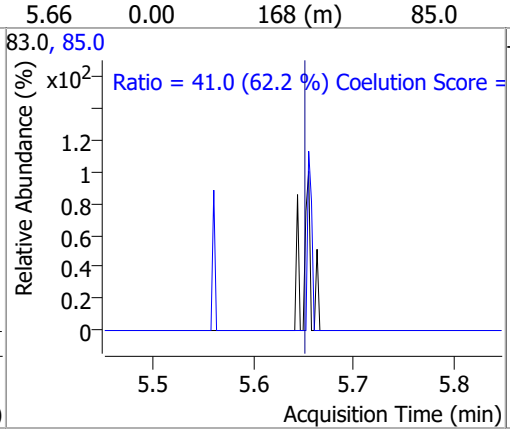
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

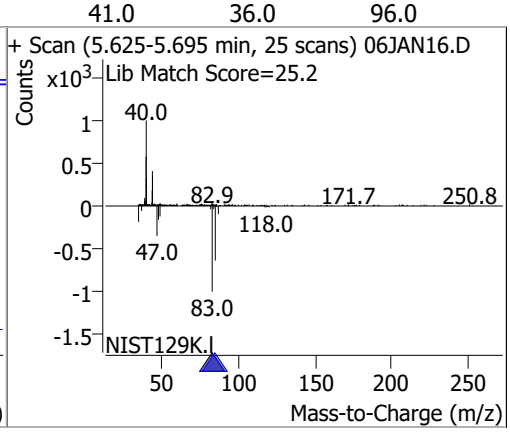




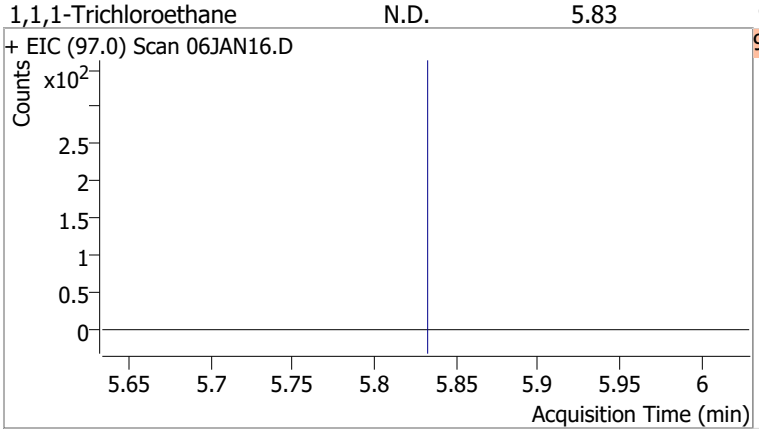
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.1226	5.66	0.00	168 (m)	85.0	41.0	36.0	96.0

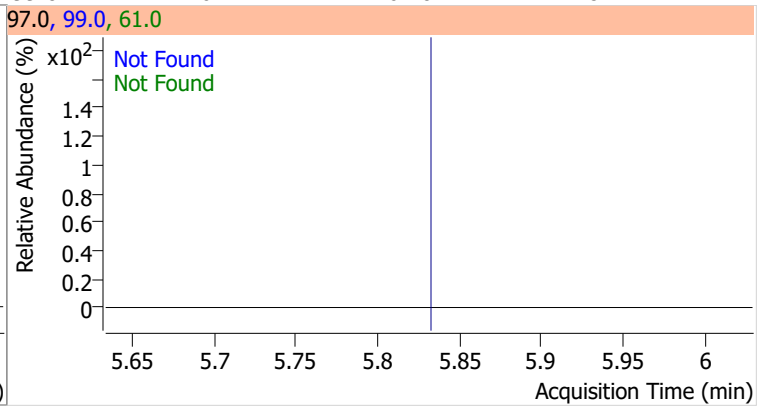




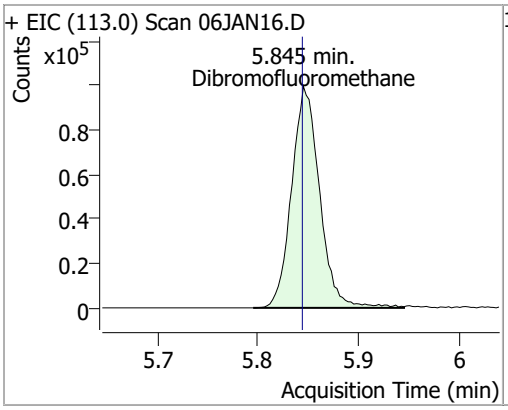


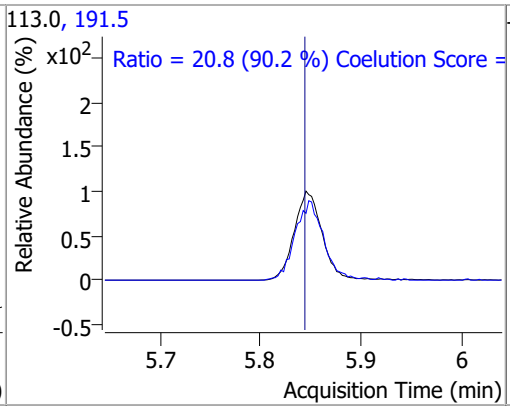
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

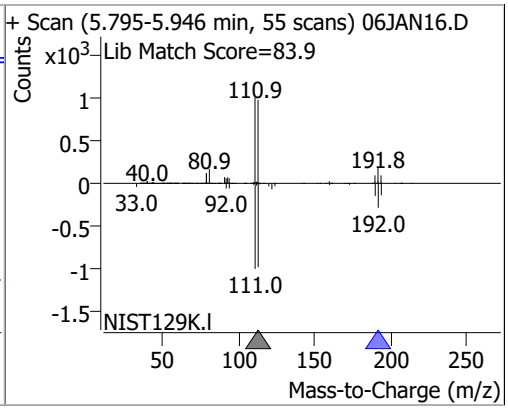




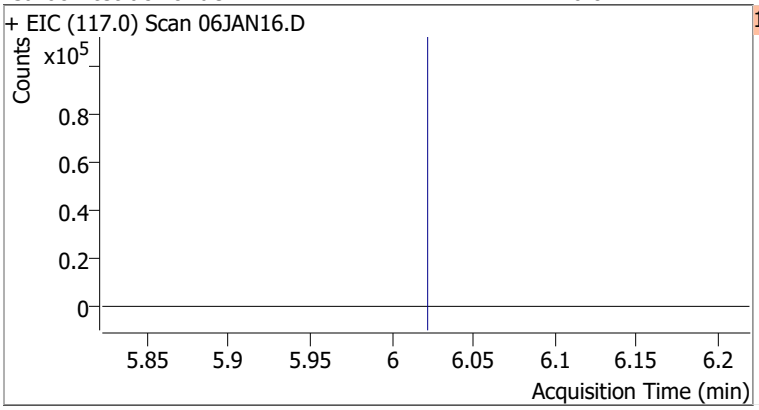
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	284.6886	5.85	0.00	193414	191.5	20.8	0.0	53.1

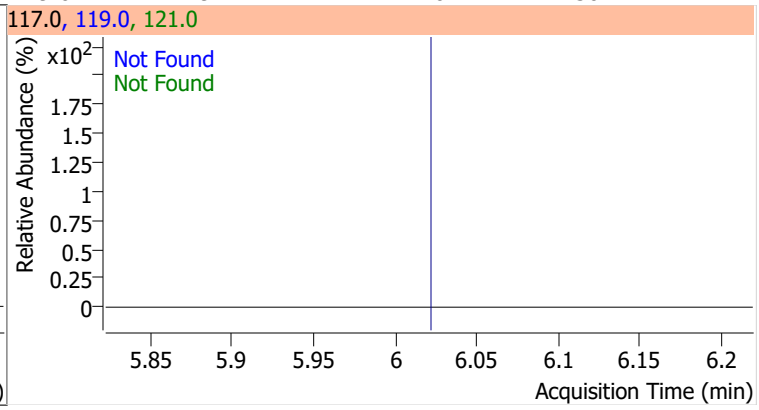




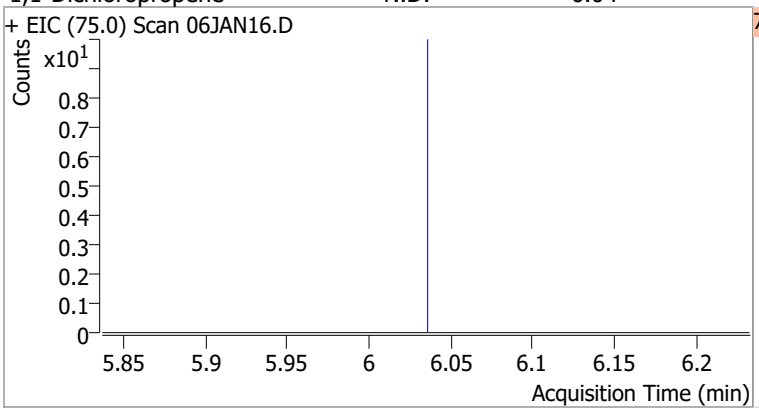


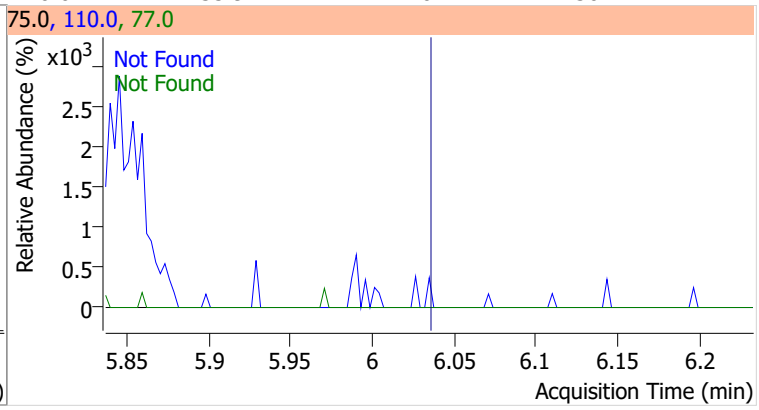
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



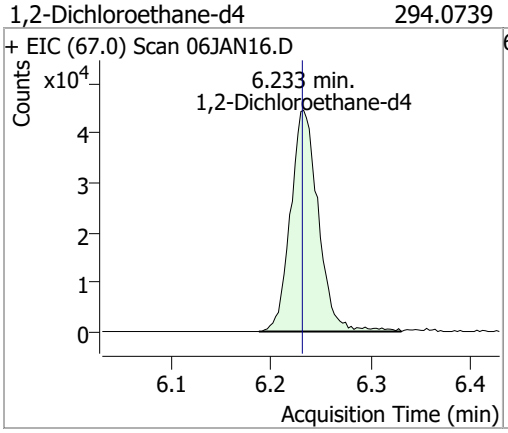


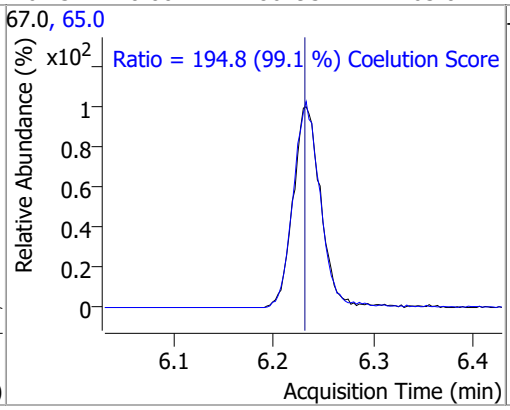
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

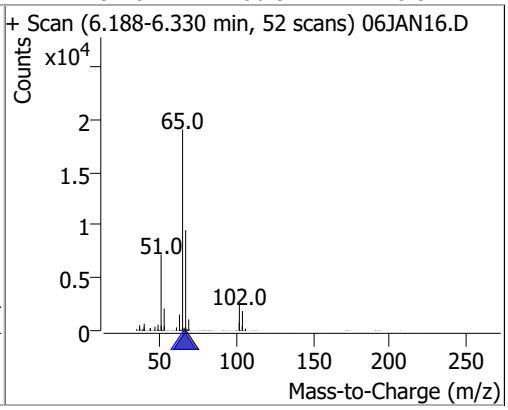




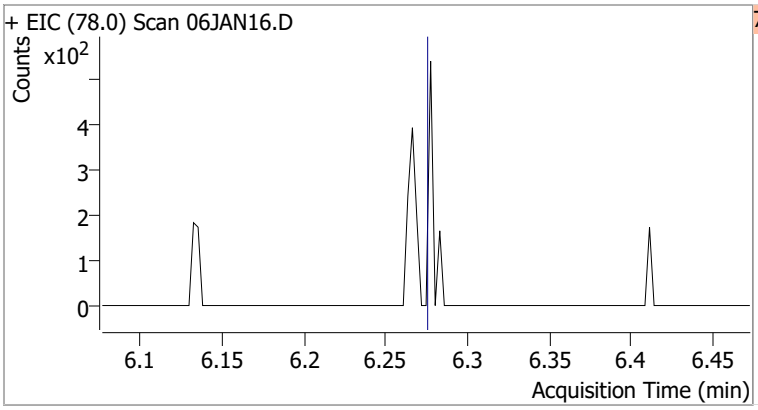
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	294.0739	6.23	0.00	86295	65.0	194.8	166.5	226.5

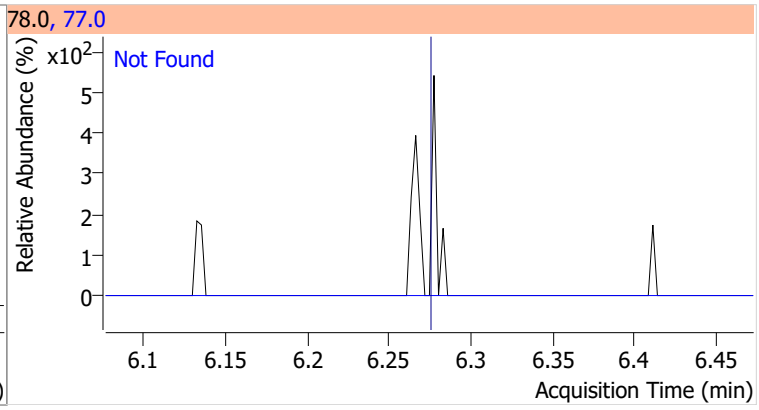




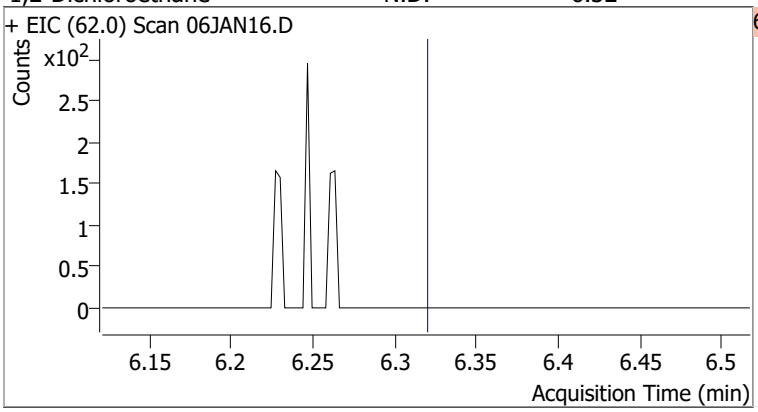


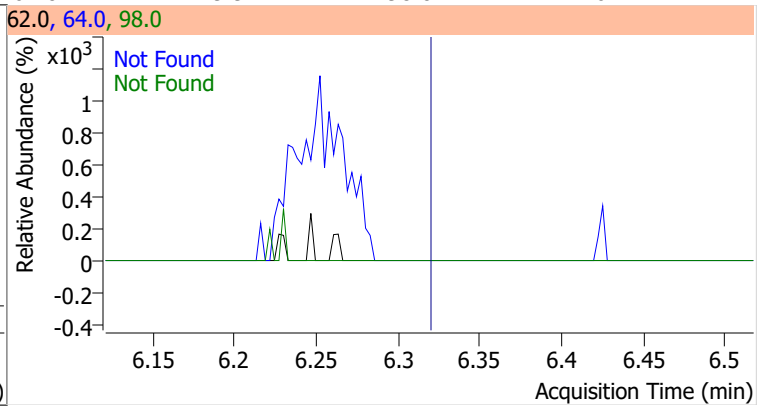
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



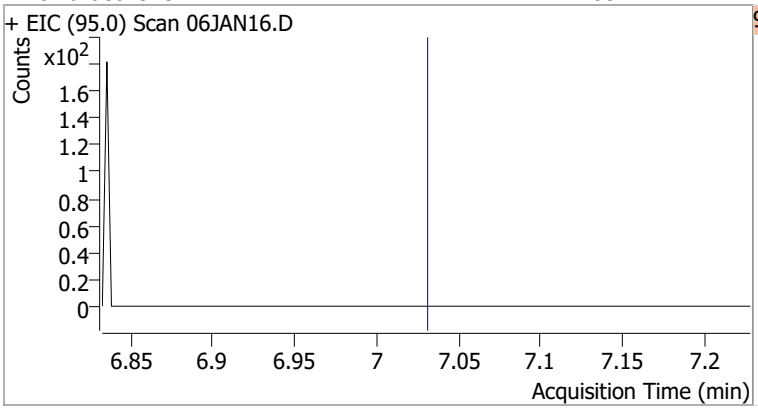


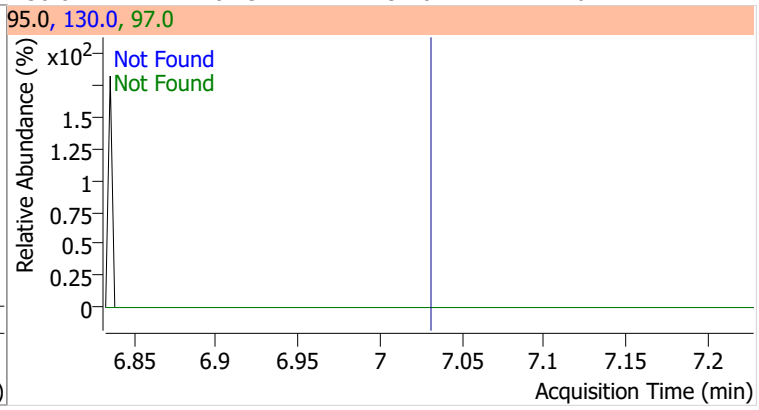
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



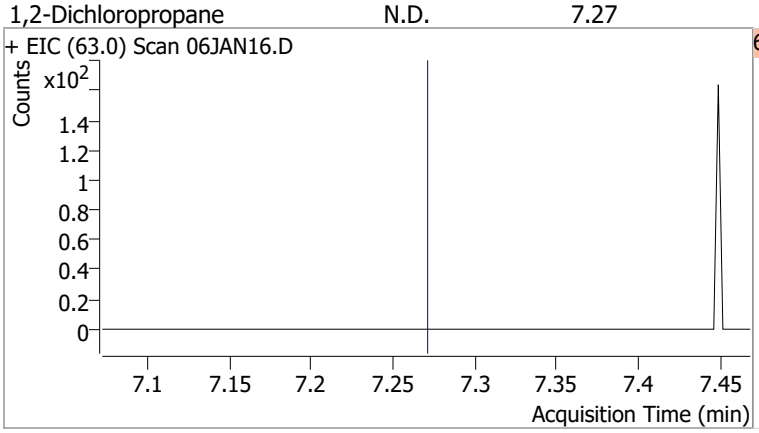


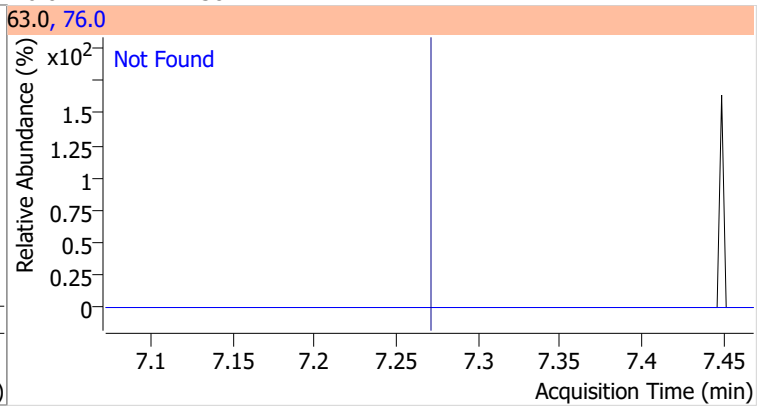
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



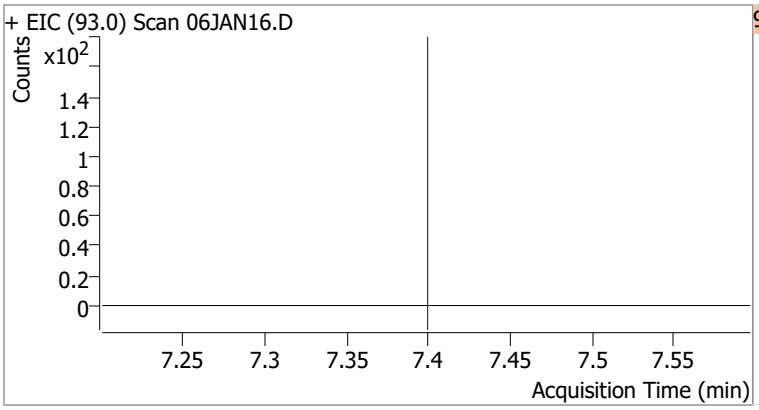


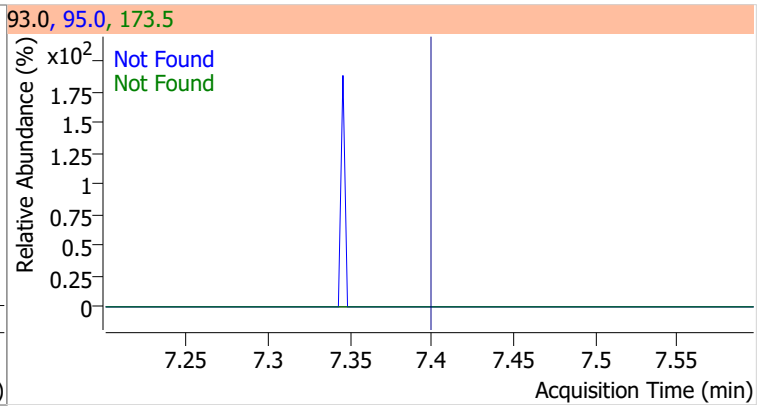
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



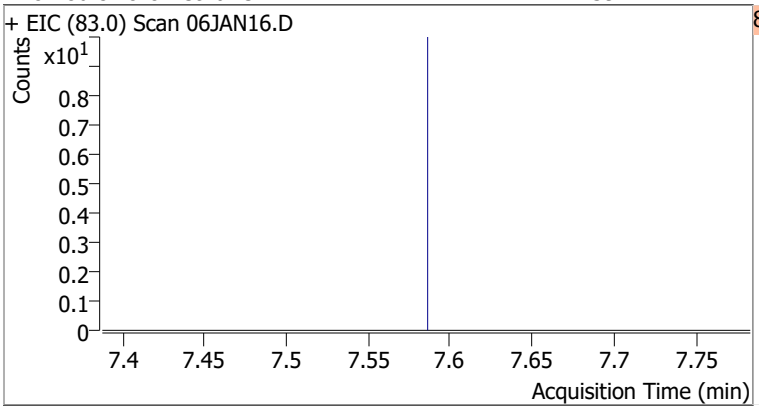


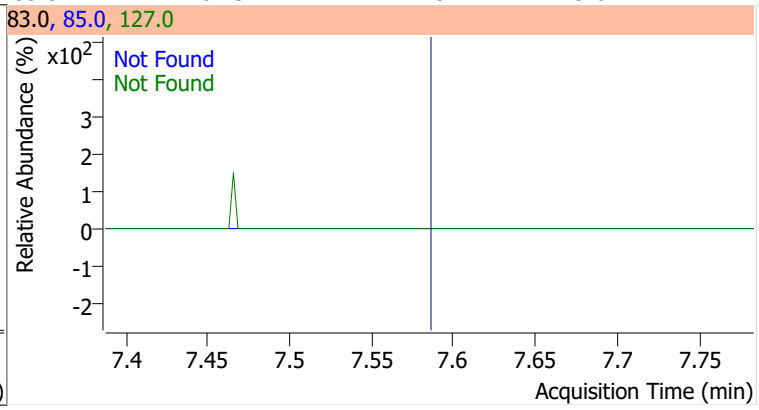
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



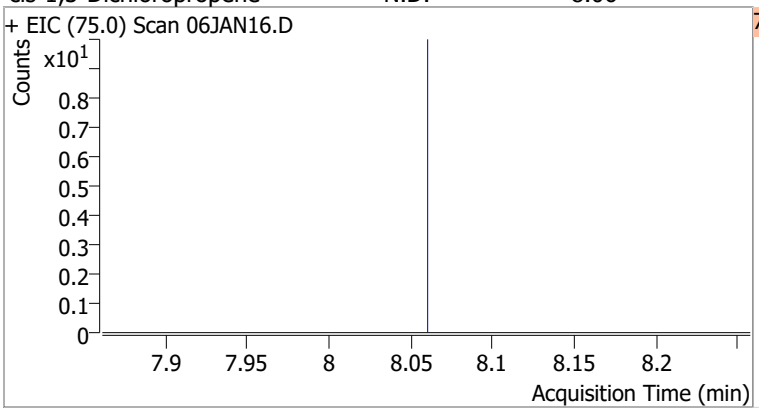


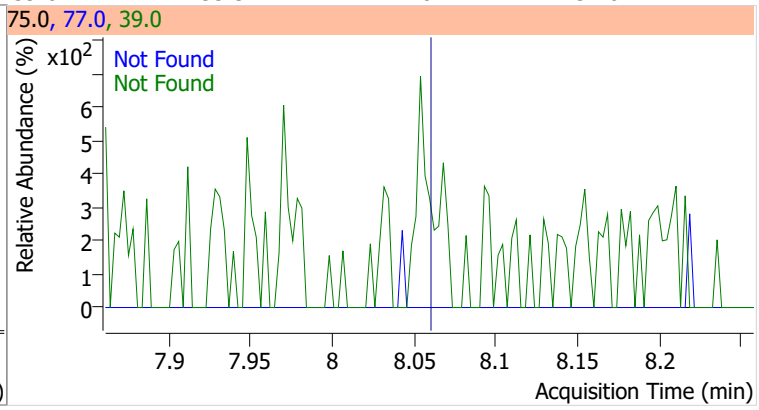
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



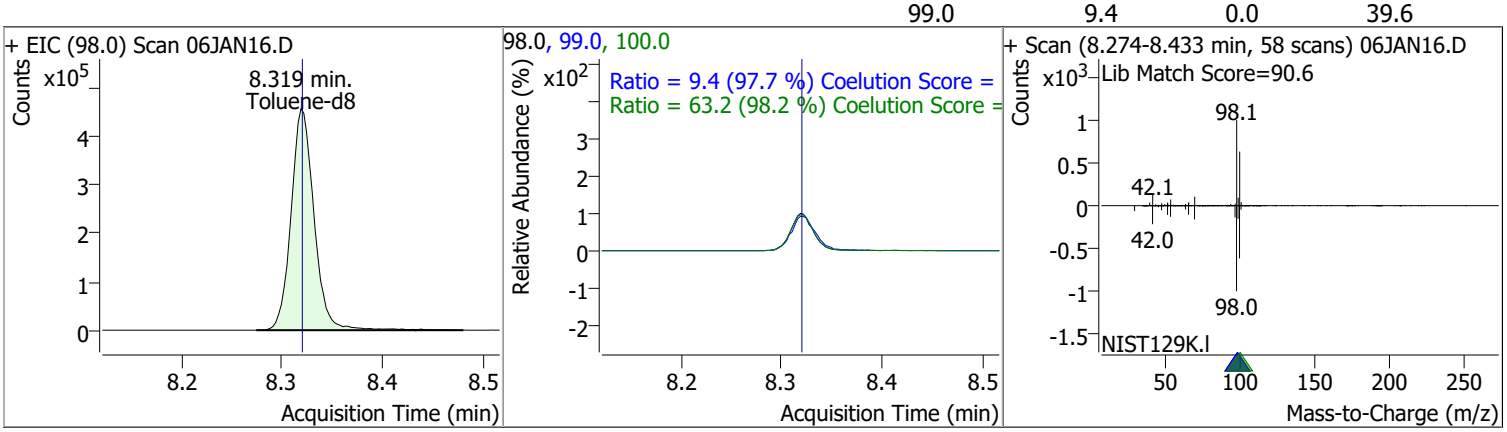


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

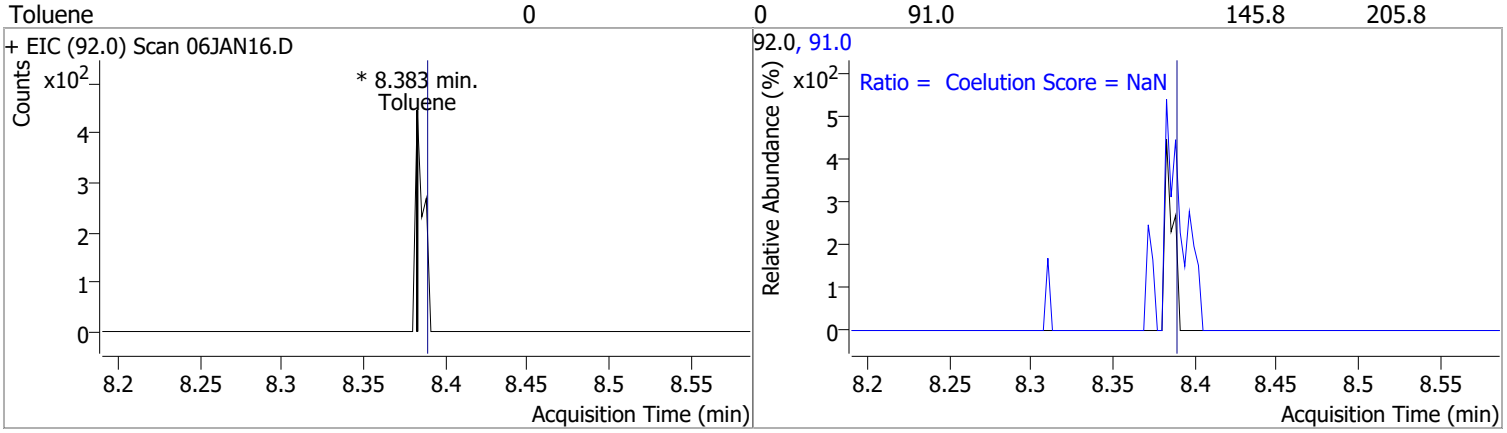




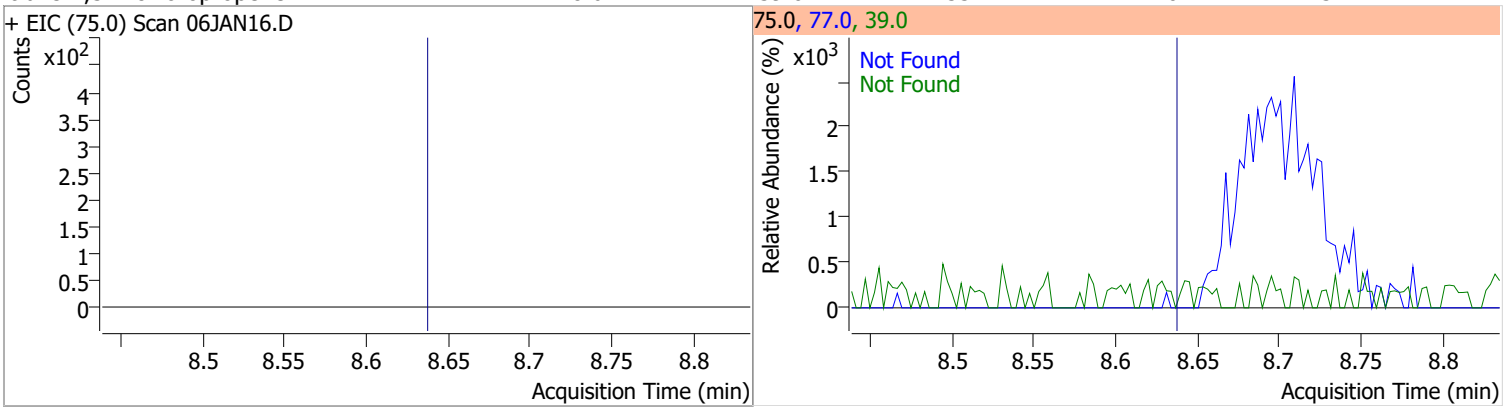
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.8780	8.32	0.00	725415	100.0	63.2	34.4	94.4
					99.0	9.4	0.0	39.6



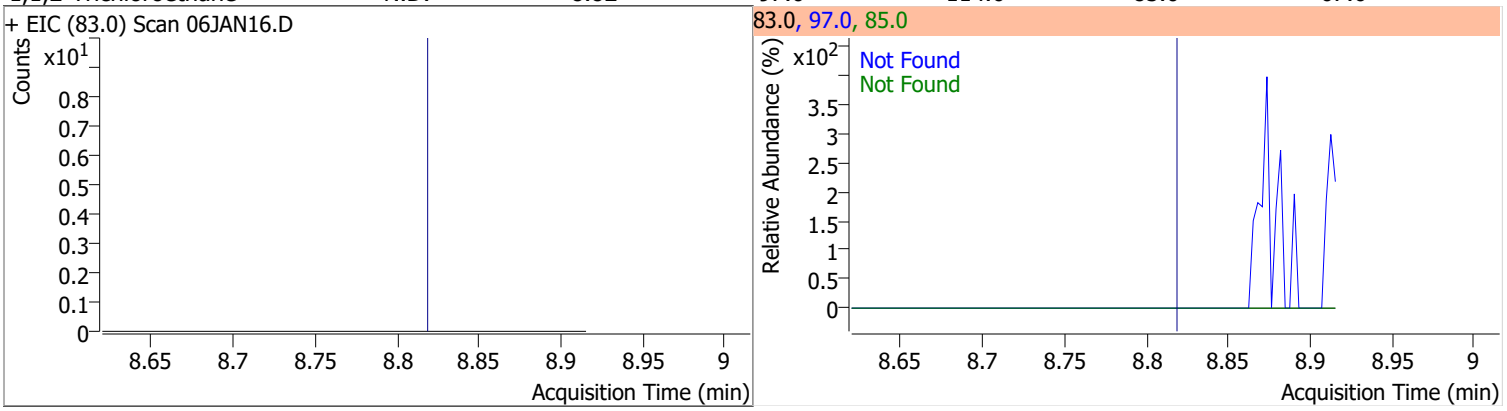
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		145.8	205.8



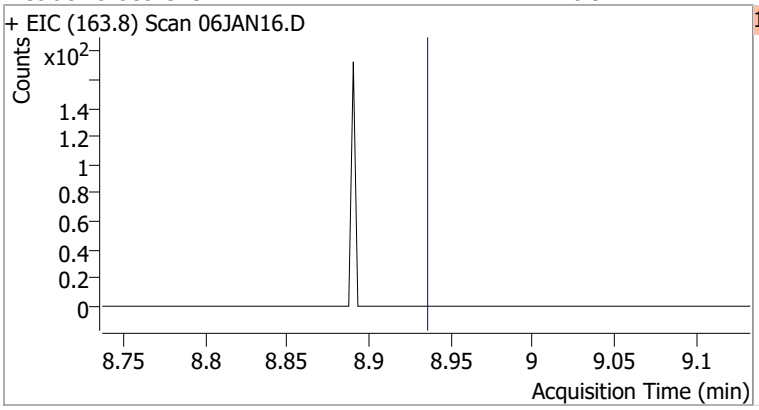
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

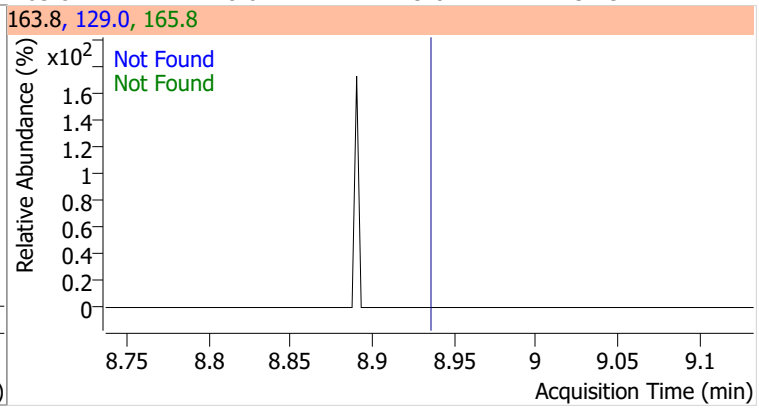


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

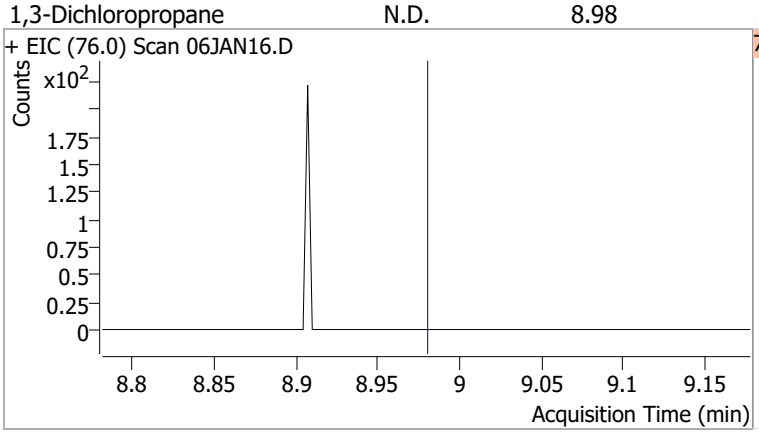


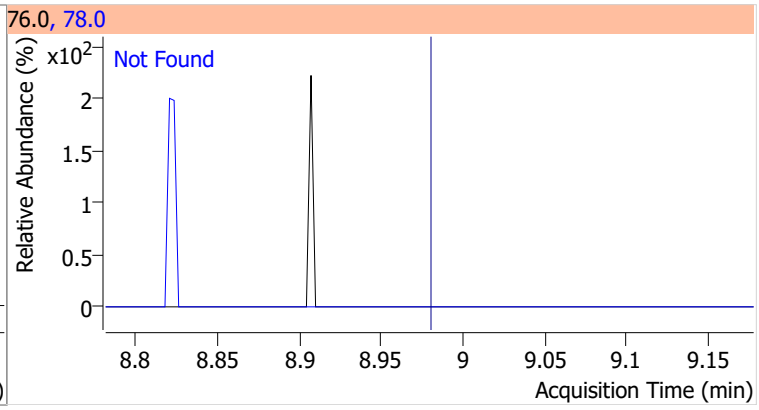
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



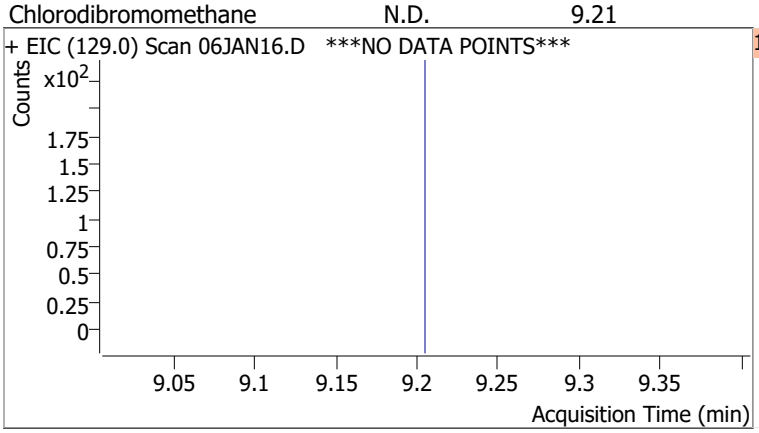


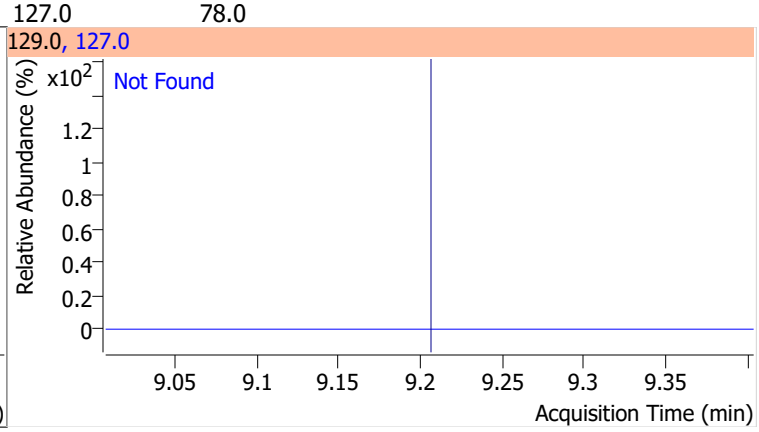
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9



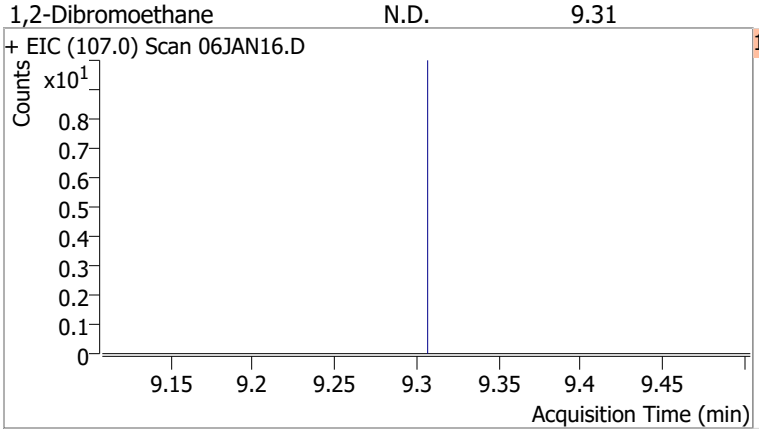


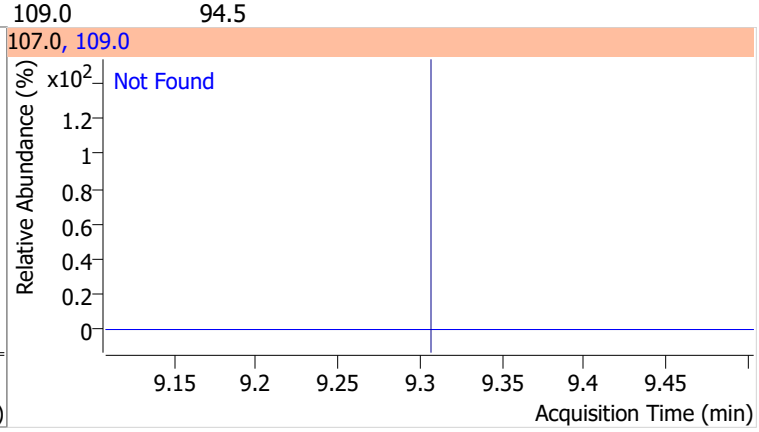
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	78.0



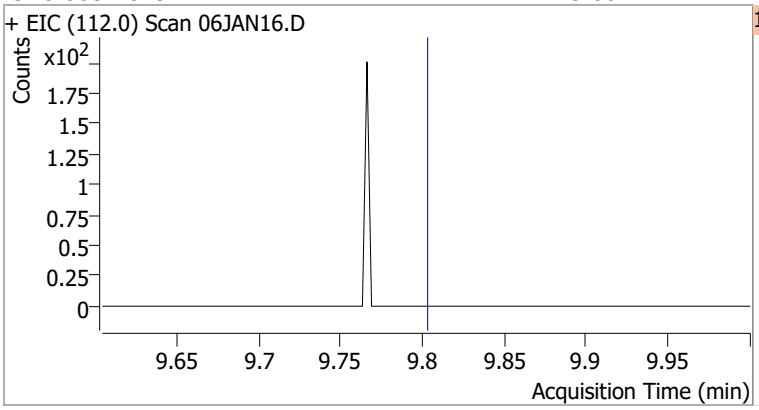


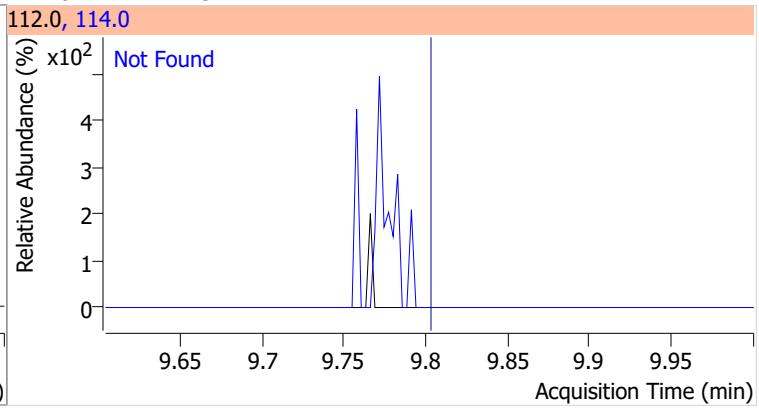
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



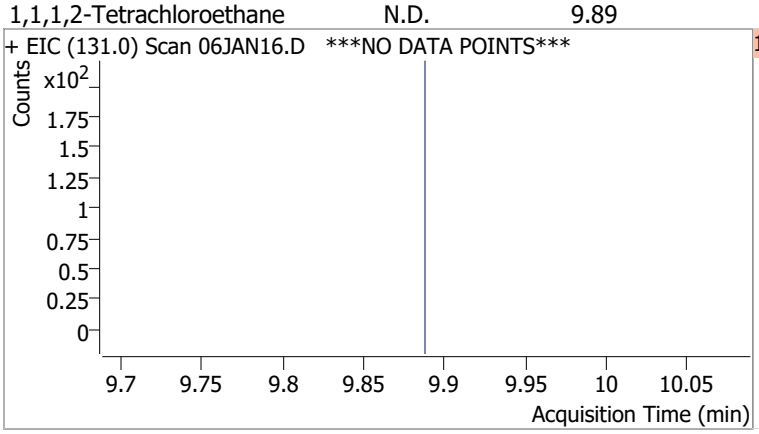


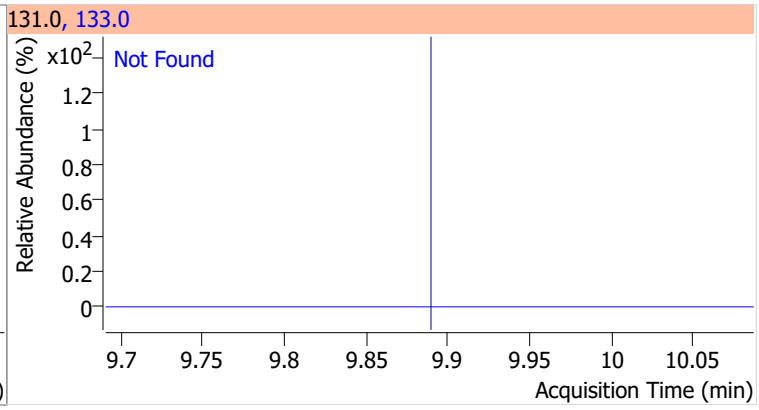
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



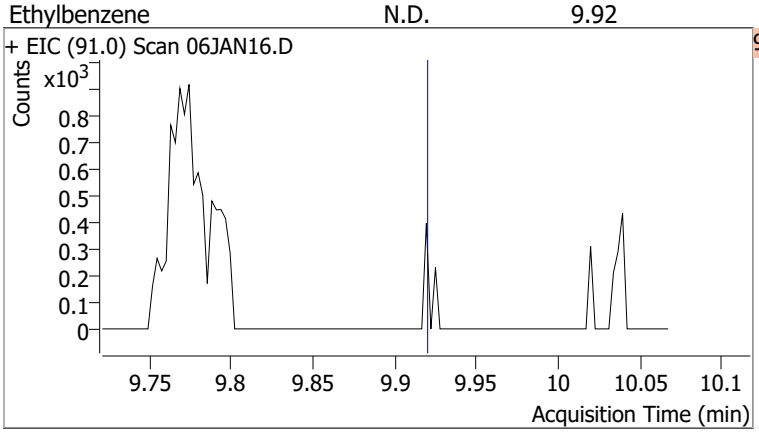


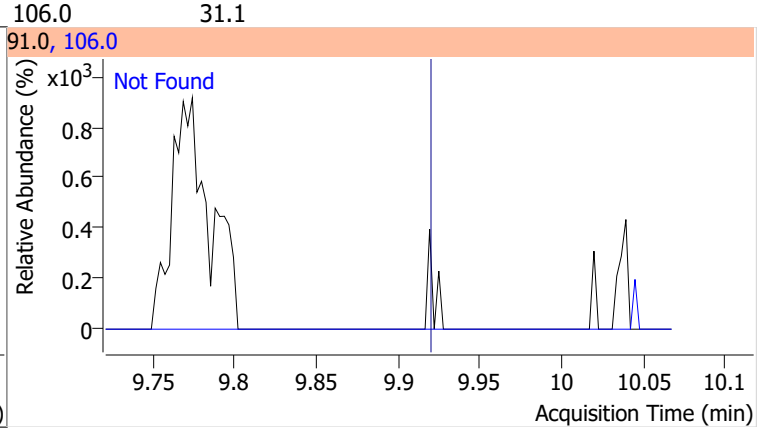
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



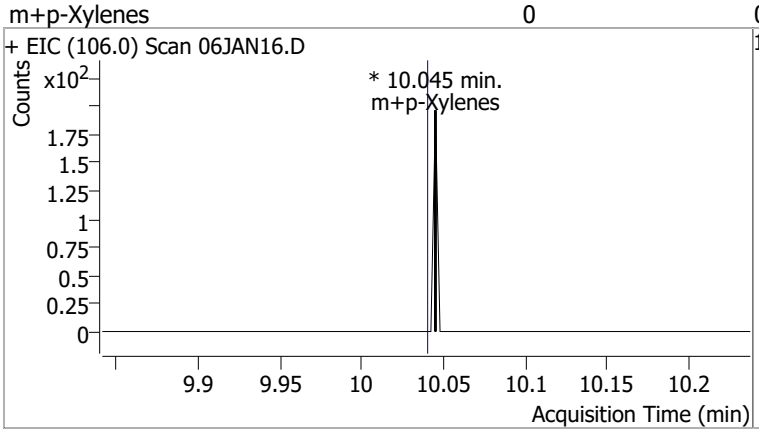


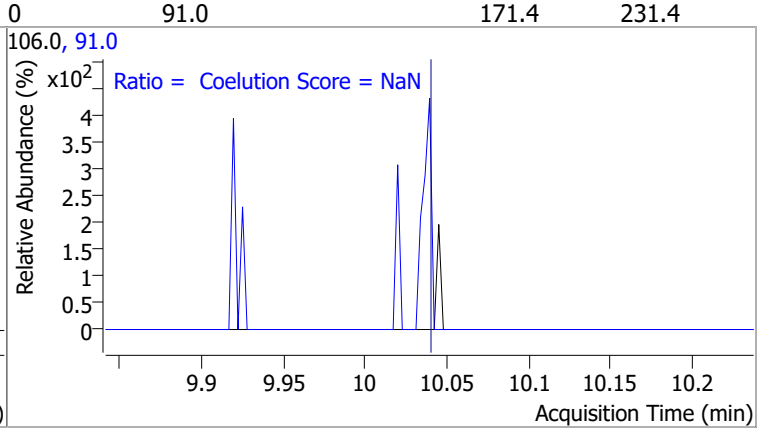
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



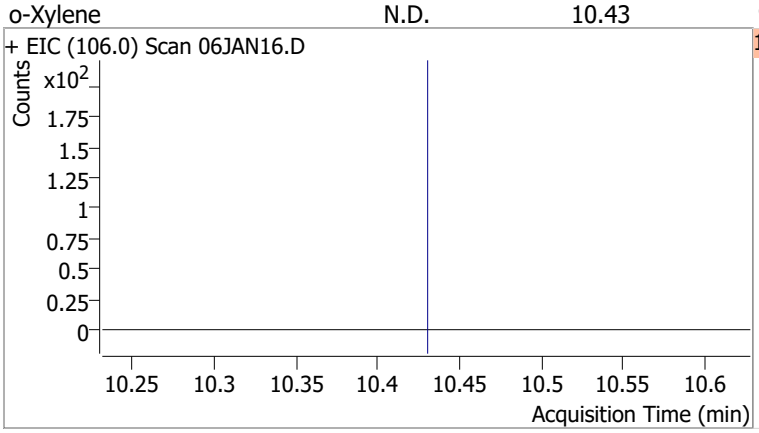


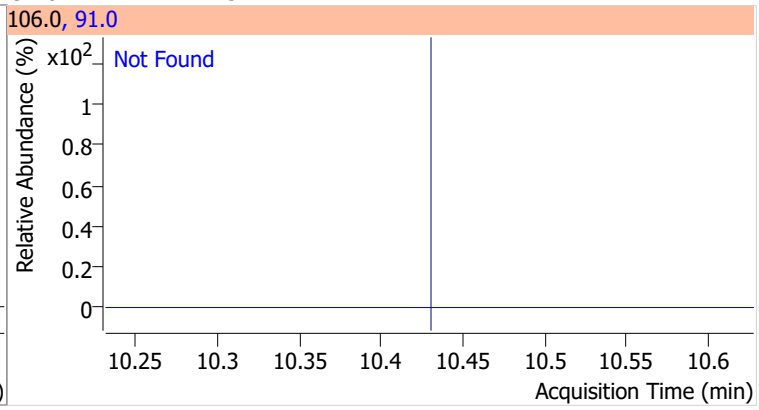
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		171.4	231.4



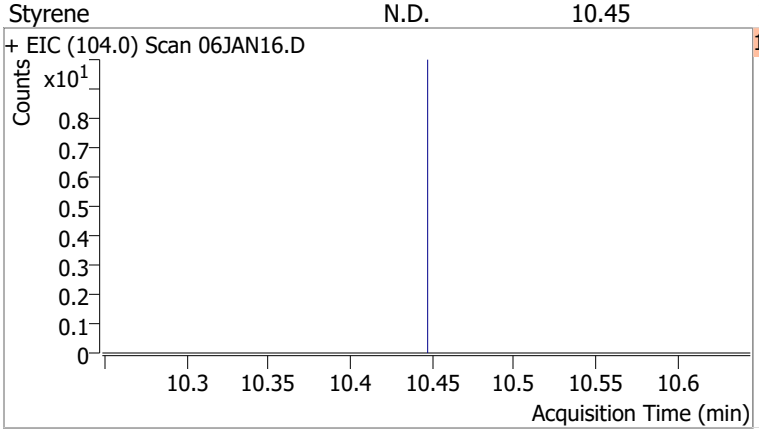


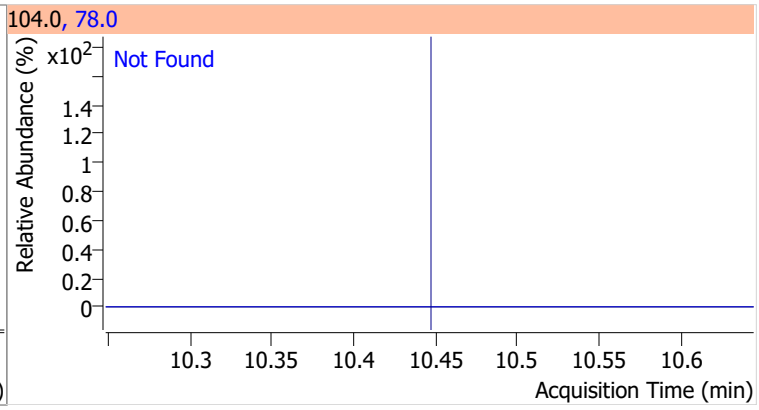
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



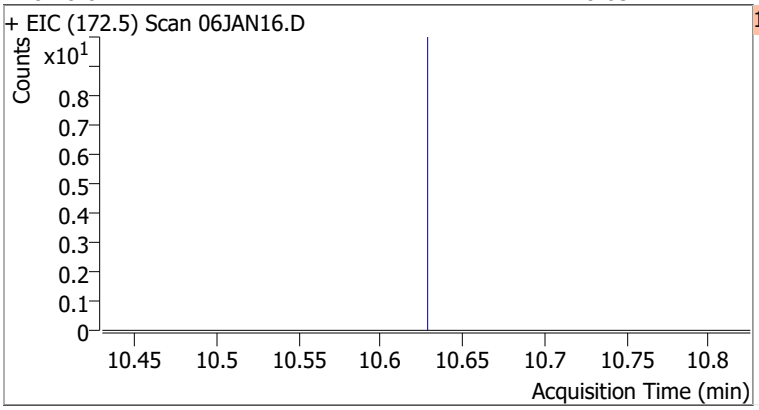


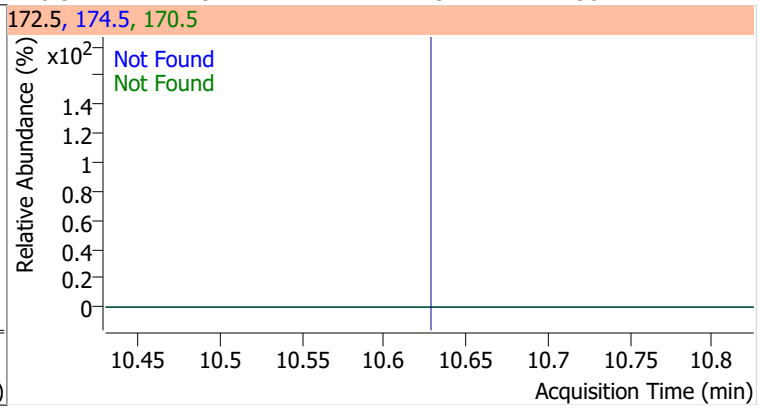
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6



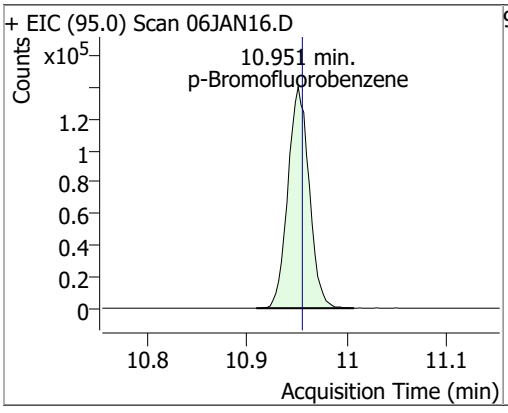


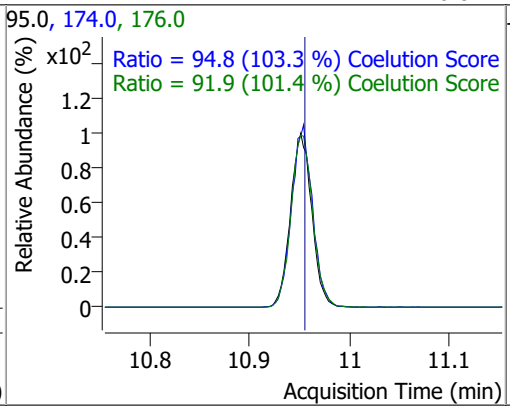
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.1	174.5	50.1

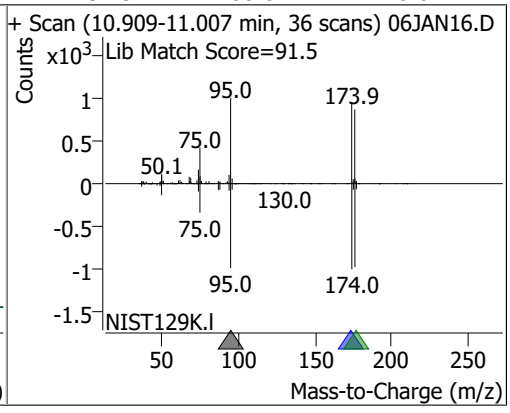




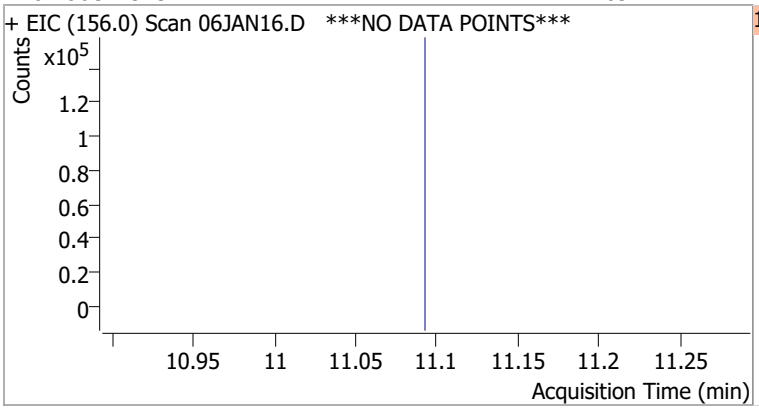
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.0990	10.95	0.00	206624	174.0	94.8	61.7	121.7
					176.0	91.9	60.6	120.6

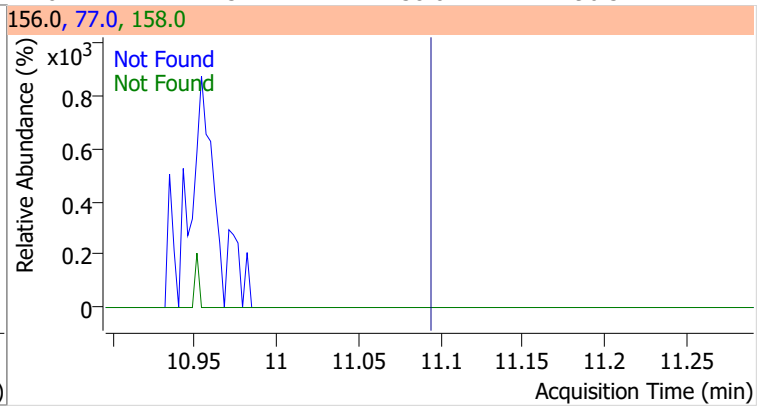




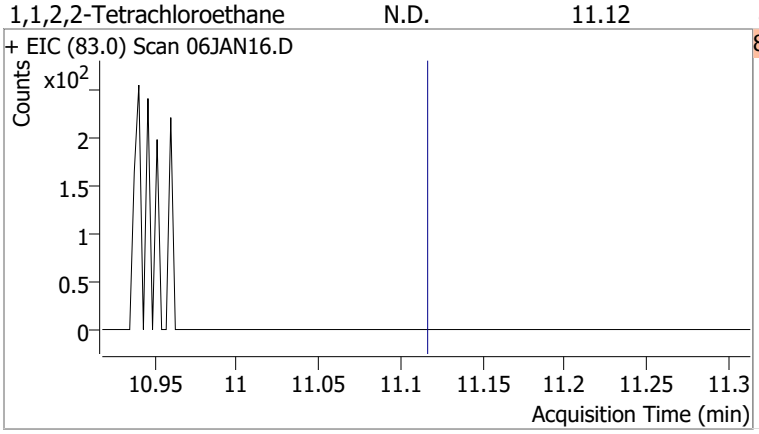


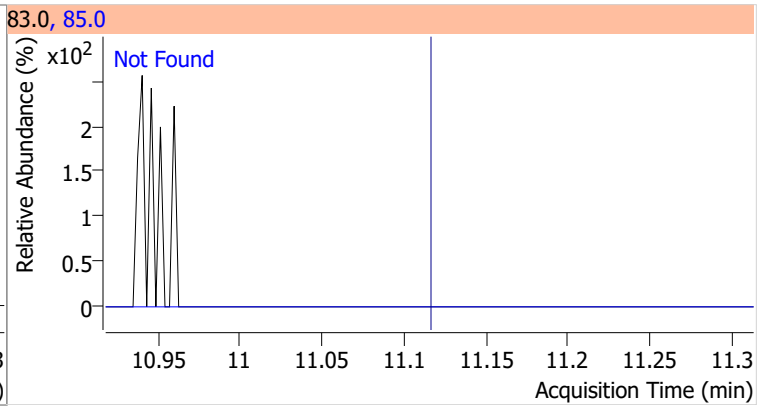
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



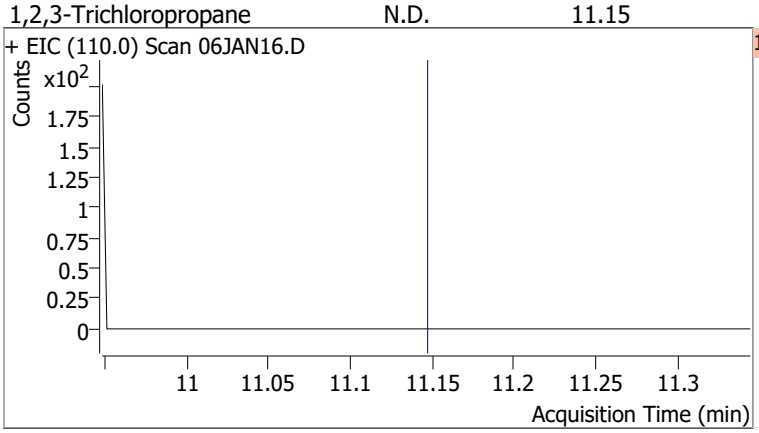


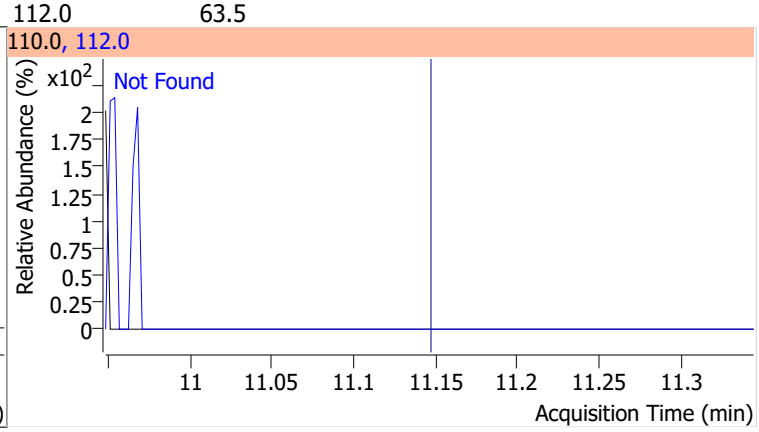
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



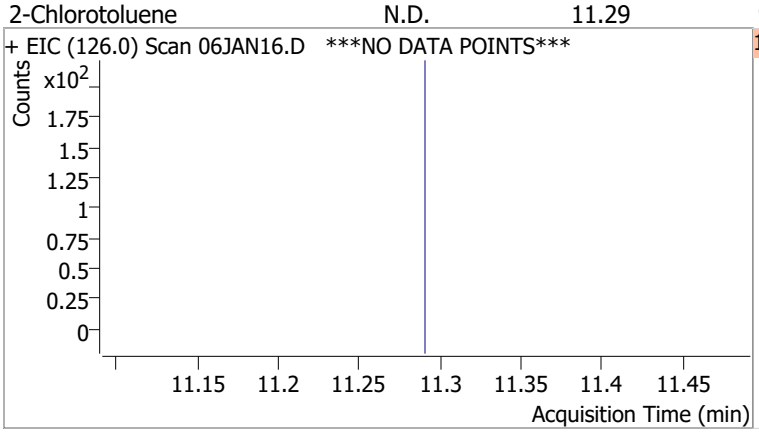


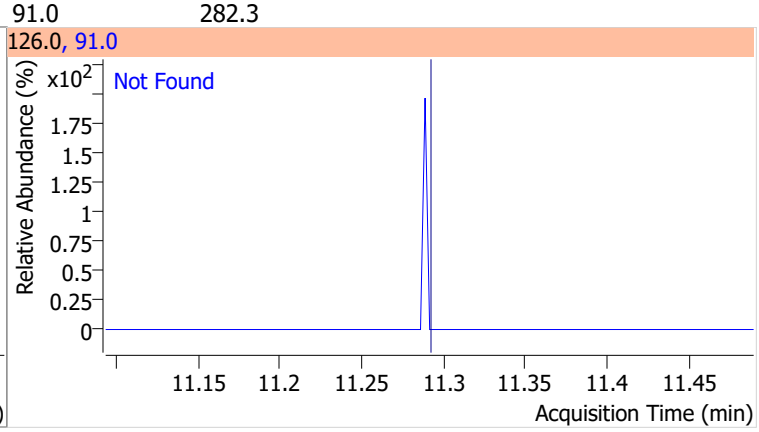
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



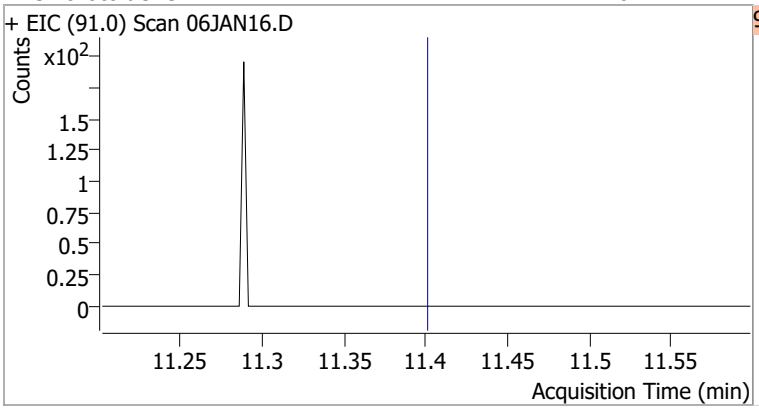


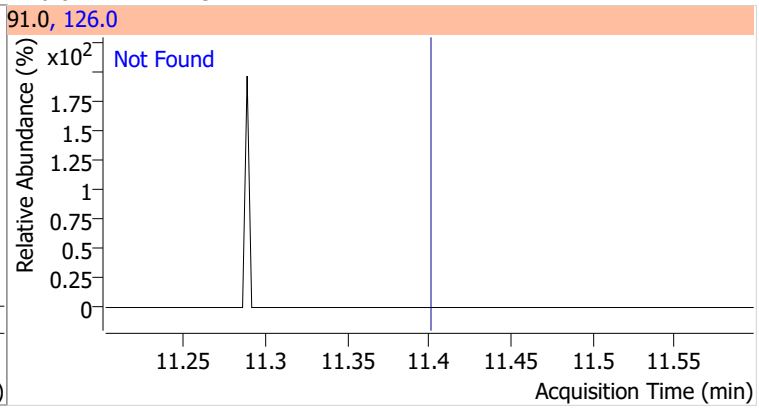
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



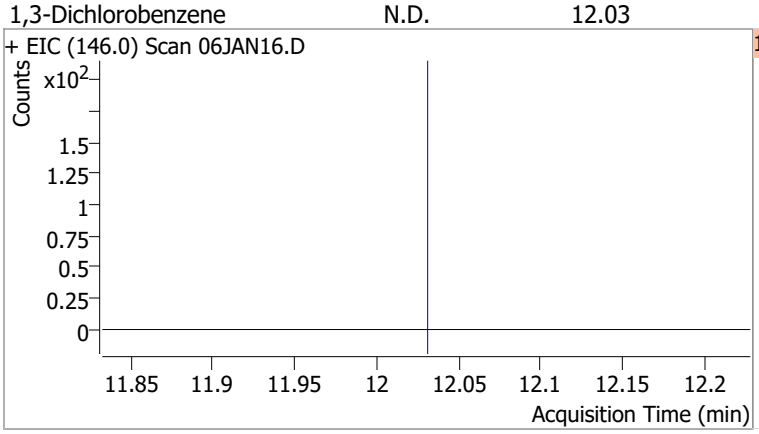


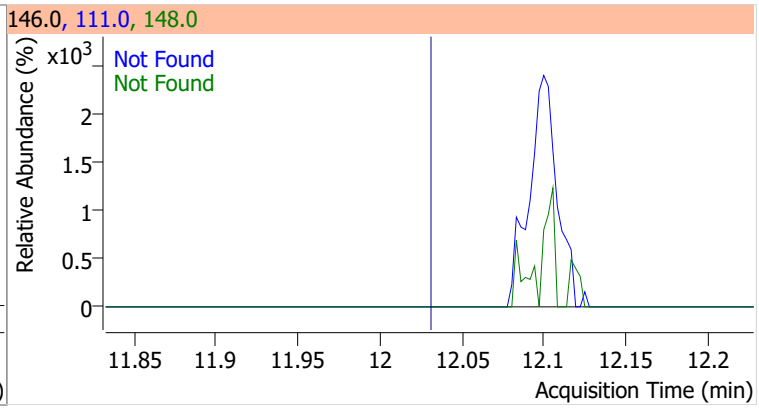
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



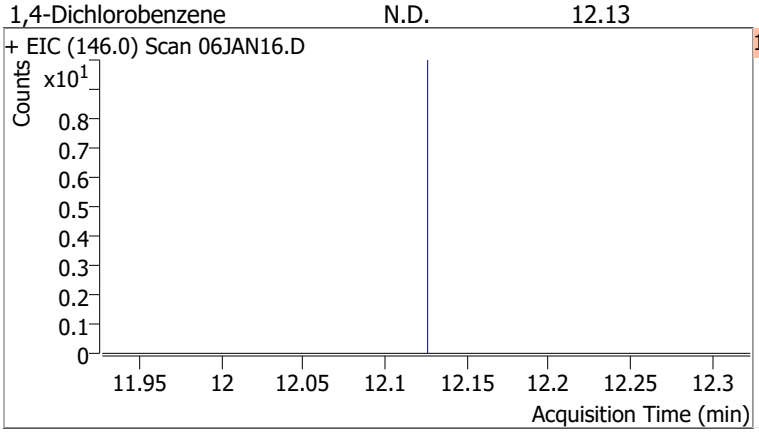


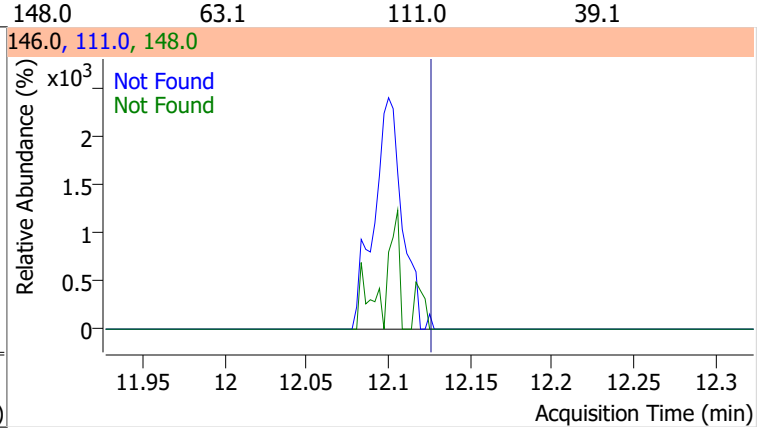
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



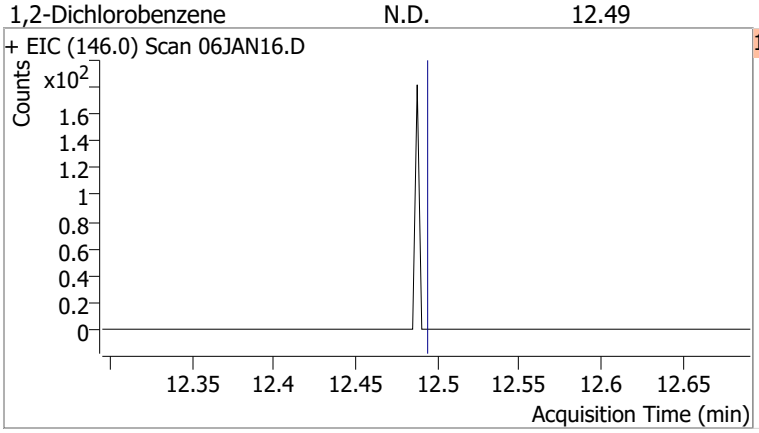


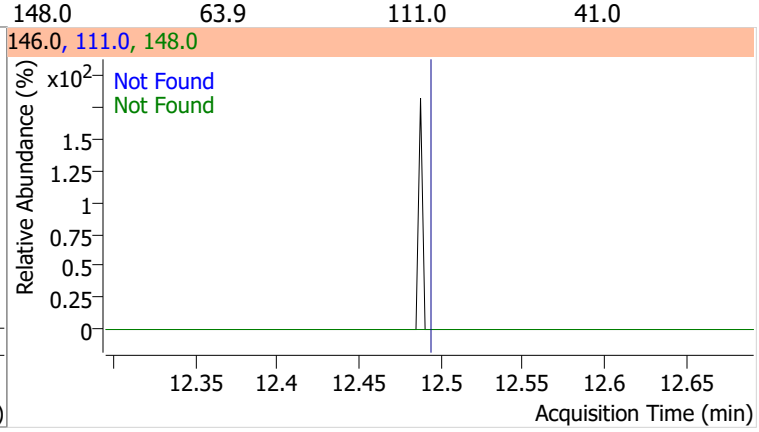
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





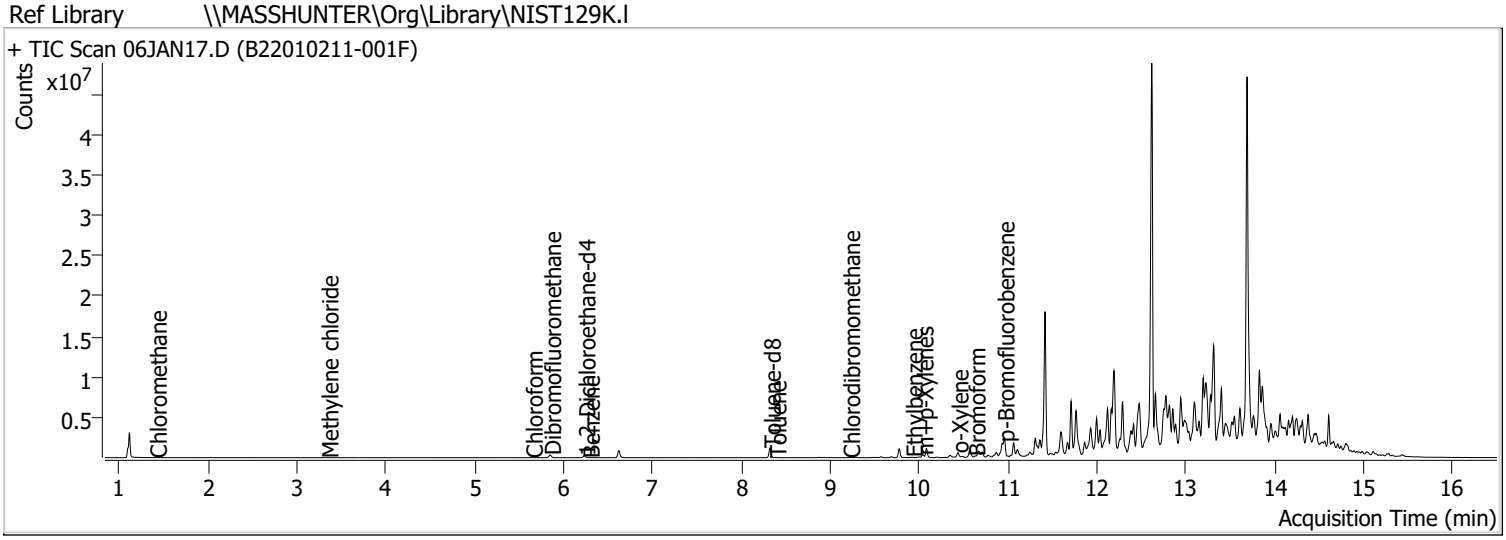
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN17.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 5:11:22 PM
Sample Name	B22010211-001F	Instrument	VOA5975C
Vial	17	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

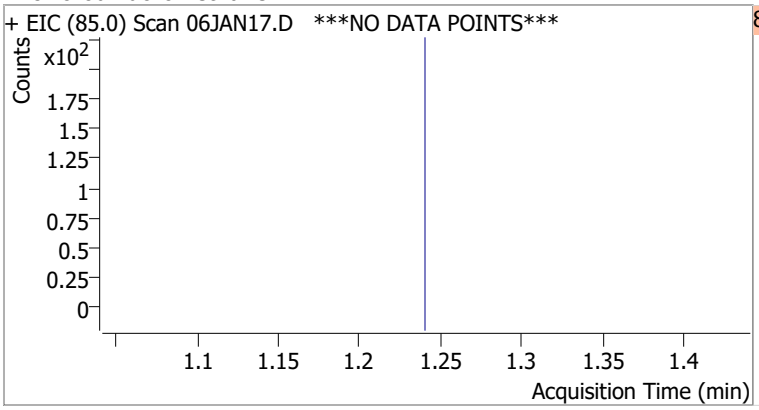


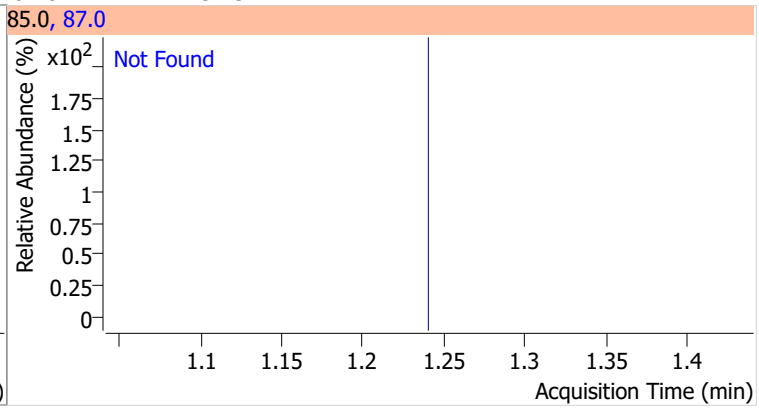
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	714024	250.0000	ng		-0.003
M Chlorobenzene-d5	9.775	82.0	291400	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	246452	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	188926	280.8544	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 112.34%			
S 1,2-Dichloroethane-d4	6.233	67.0	83532	287.4956	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 115.00%			
S Toluene-d8	8.319	98.0	728537	259.4432	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.78%			
S p-Bromofluorobenzene	10.949	95.0	239948	265.7584	ng		-0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.30%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.411	50.0	1094	0.9633	ng	m	58
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.344	49.0	699	0.6593	ng	m	75
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.642	83.0	6783	4.9902	ng		94

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.280	78.0	565	0.1986	ng	m	65
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.383	92.0	3805	2.0060	ng		87
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	9.211	129.0	543	0.9198	ng	#m	25
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.917	91.0	23444	6.5092	ng		97
T m+p-Xylenes	10.037	106.0	69629	49.7470	ng		96
T o-Xylene	10.430	106.0	102245	82.0573	ng		99
T Styrene	10.424	104.0	0		ng	md	1
T Bromoform	10.619	172.5	1081	3.4272	ng	m	87
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	11.102	83.0	0		ng	md	1
T 1,2,3-Trichloropropane	11.152	110.0	0		ng	md	1
T 2-Chlorotoluene	11.417	126.0	0		ng	md	1
T 4-Chlorotoluene	11.392	91.0	0		ng	md	1
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

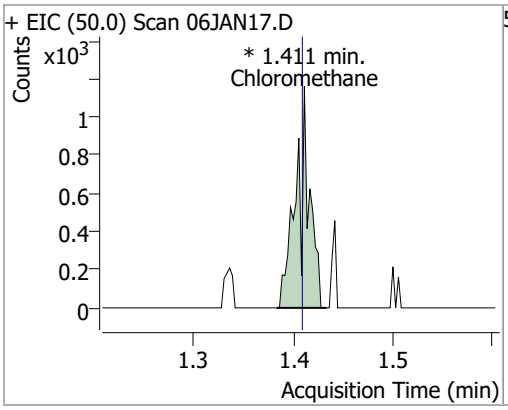
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

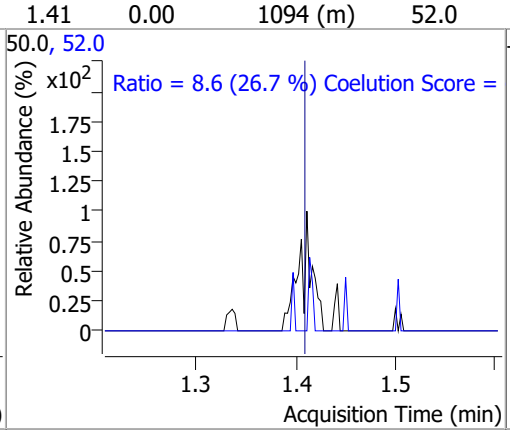
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

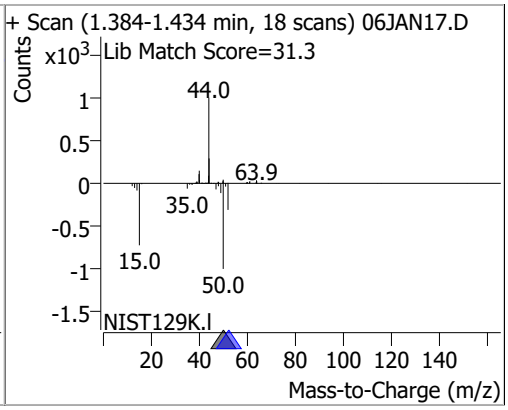




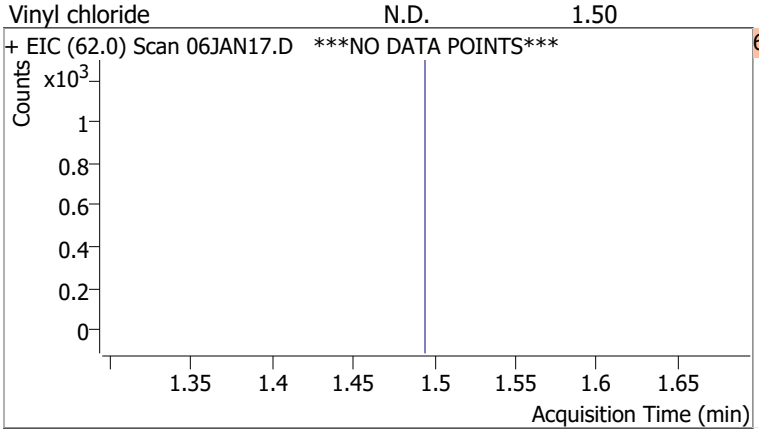
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.9633	1.41	0.00	1094 (m)	52.0	8.6	2.1	62.1

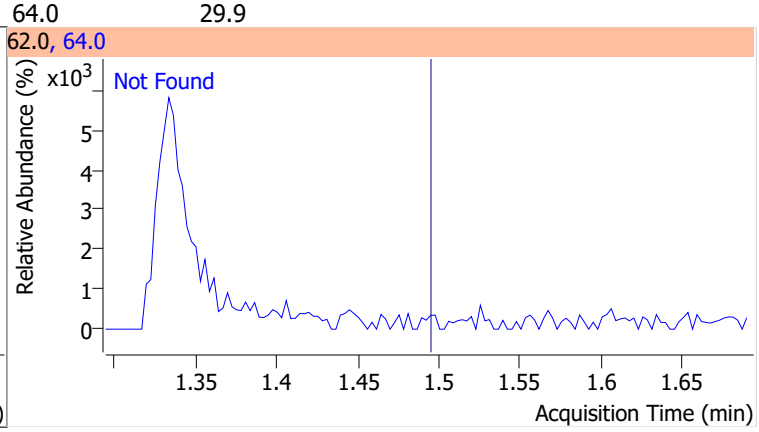




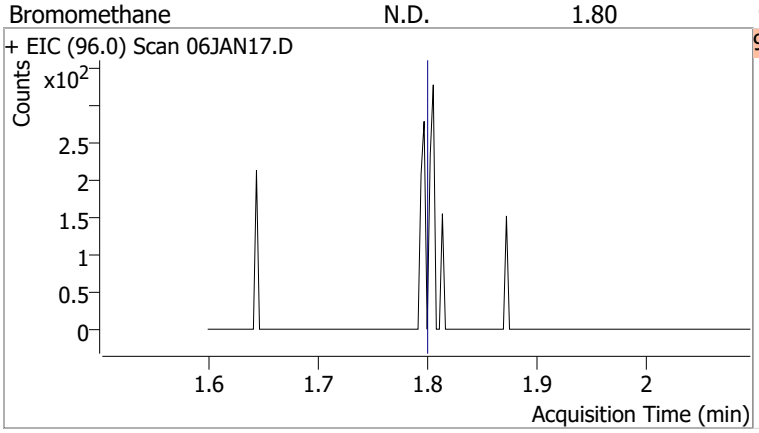


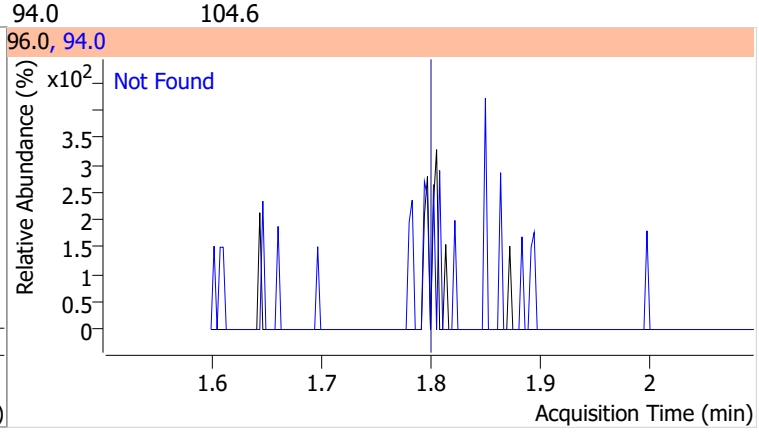
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



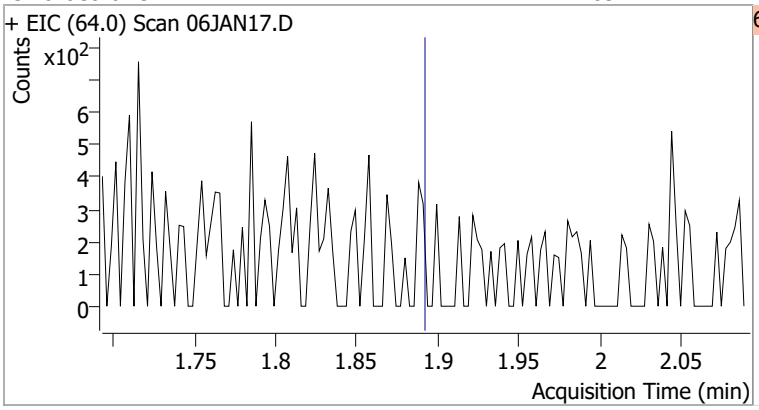


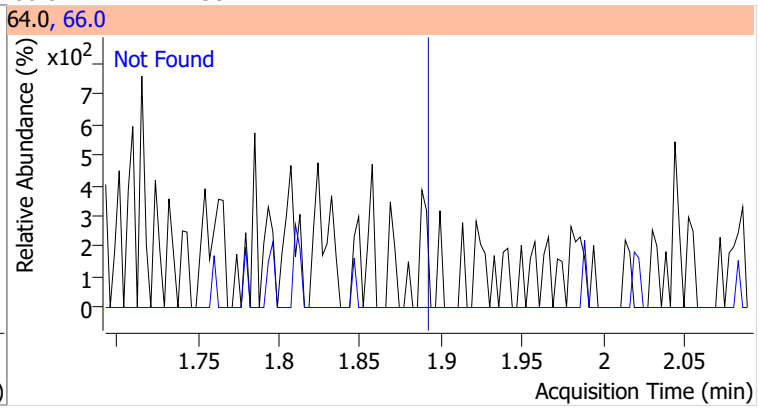
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



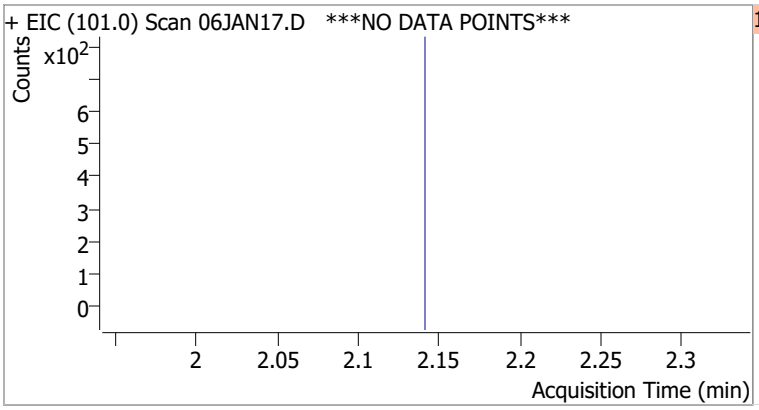


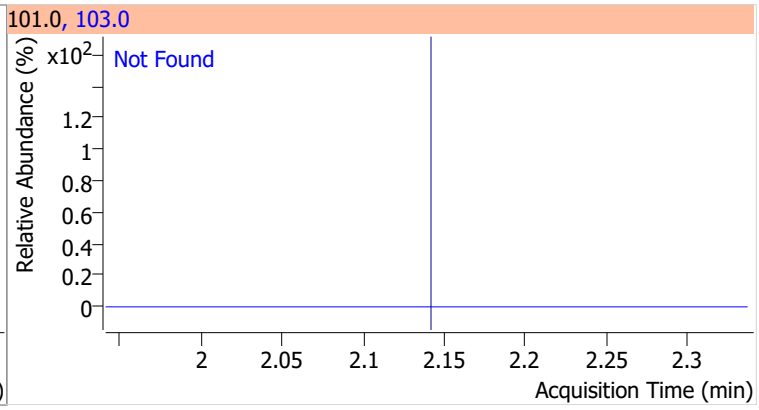
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



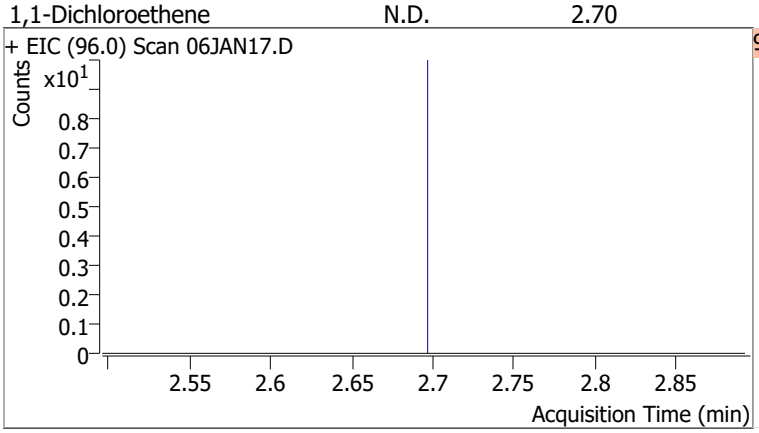


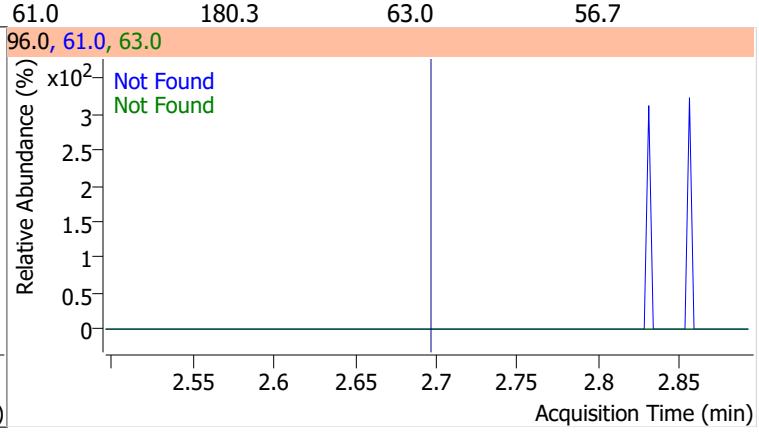
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



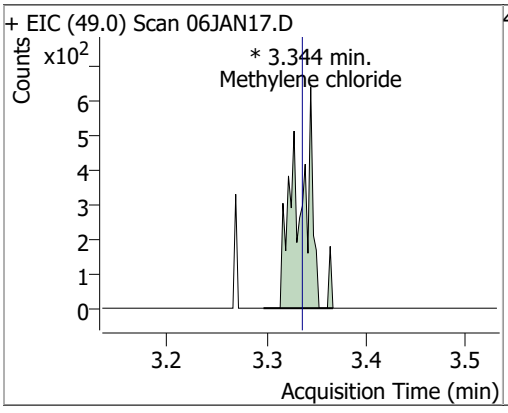


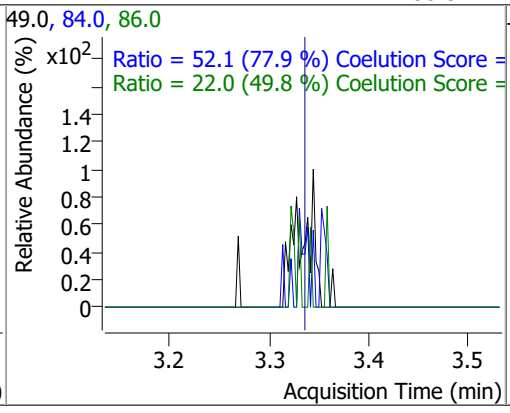
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

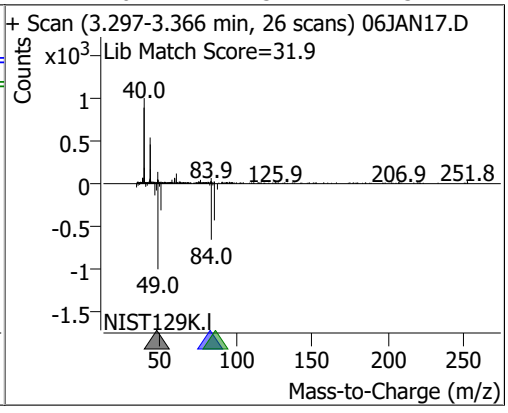




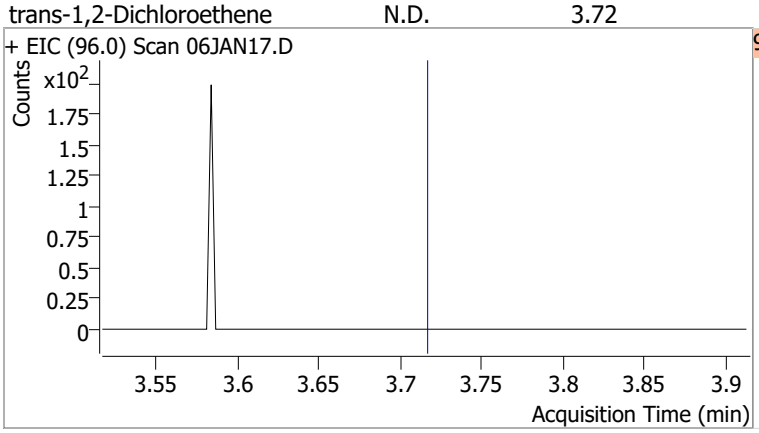
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.6593	3.34	0.01	699 (m)	84.0	52.1	36.9	96.9
					86.0	22.0	14.3	74.3

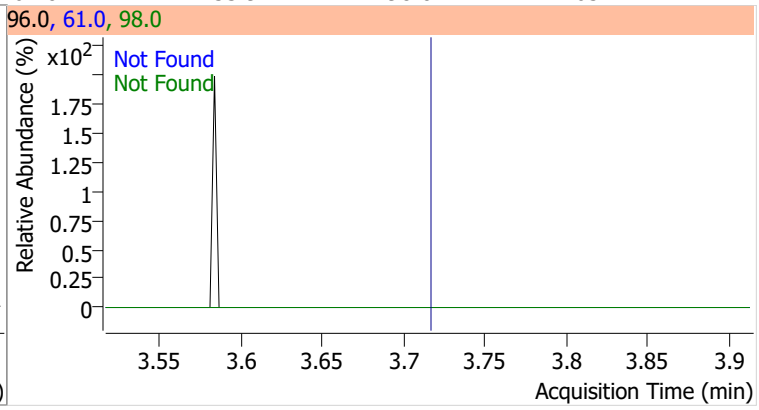




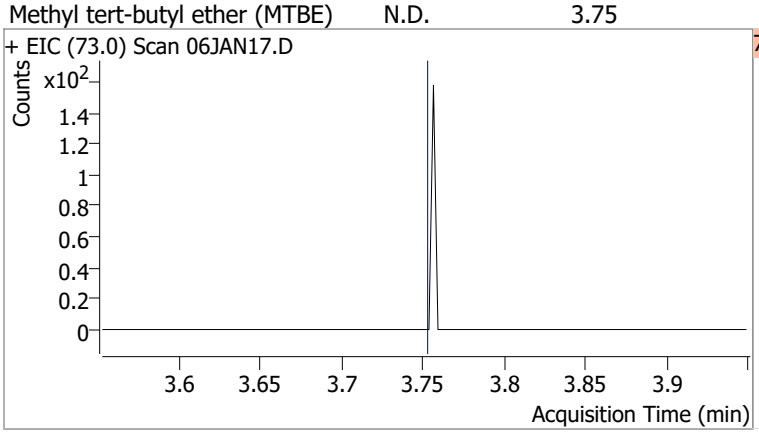


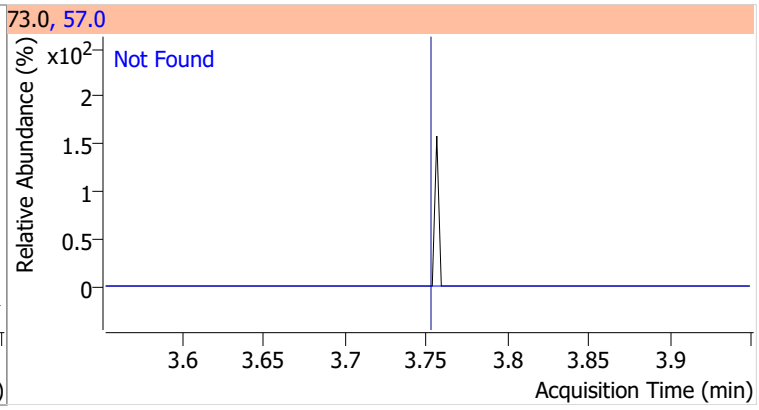
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



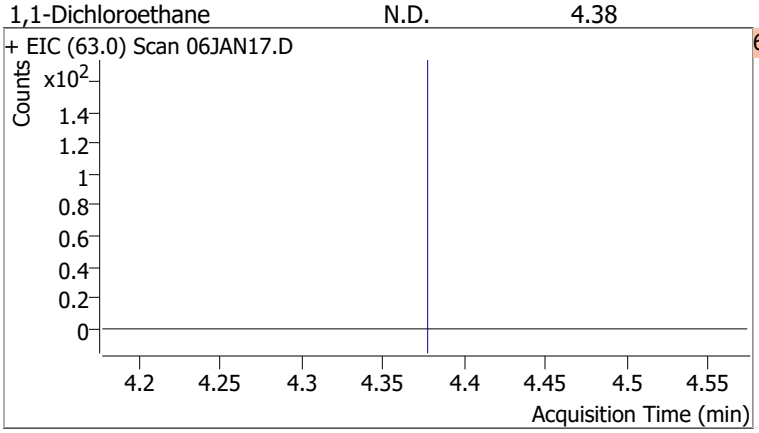


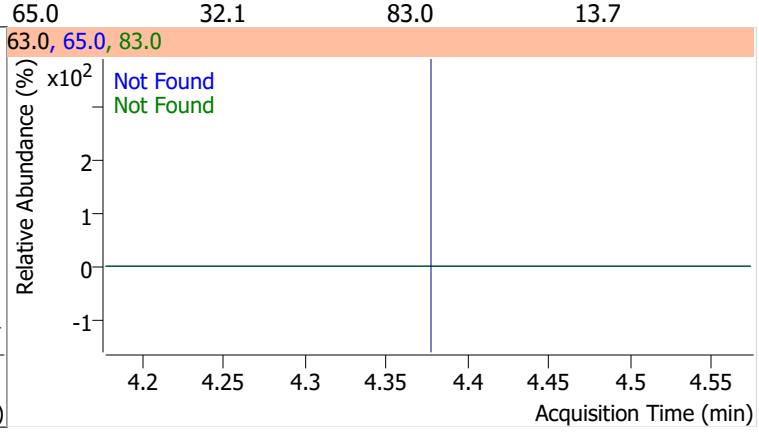
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



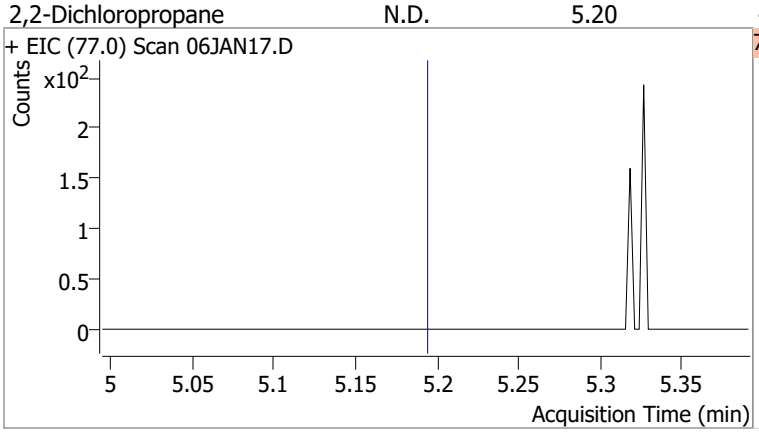


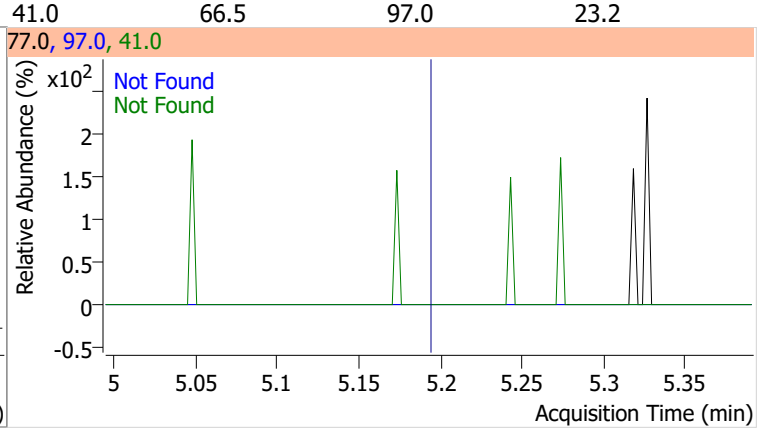
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



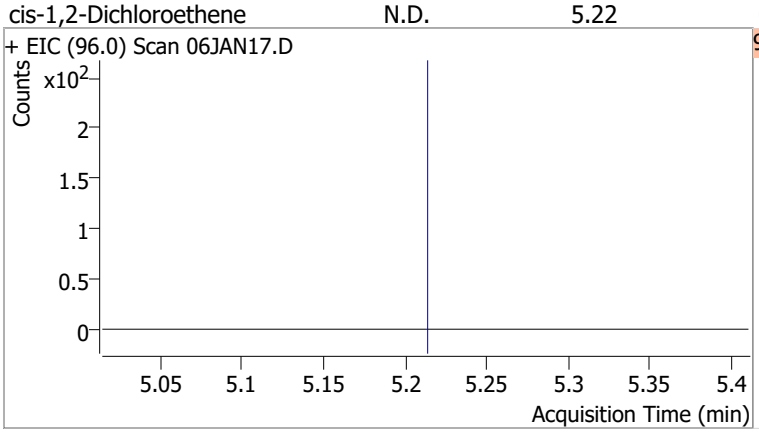


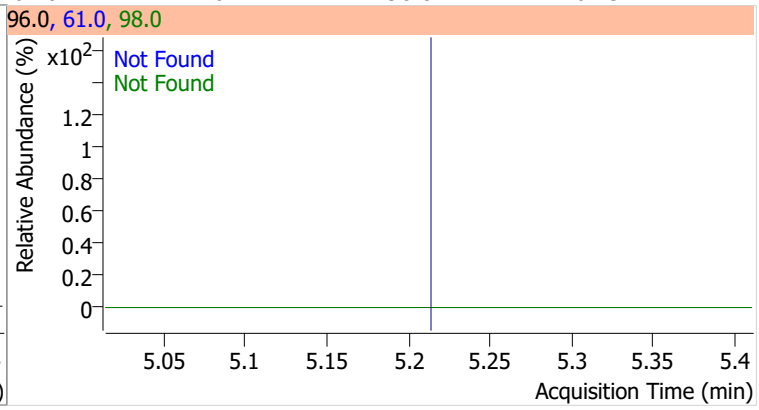
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



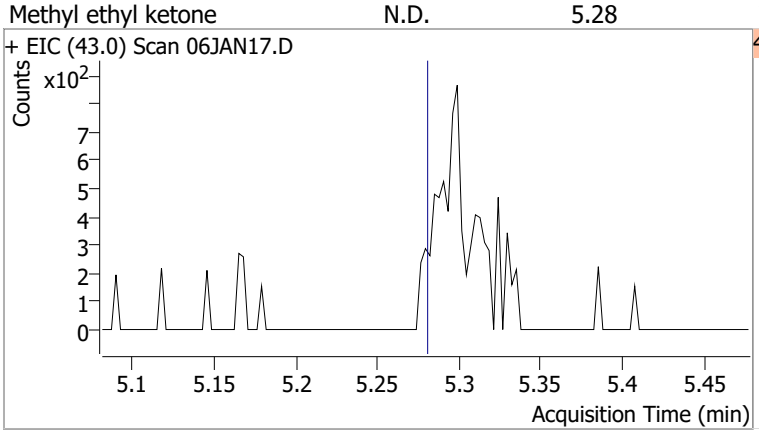


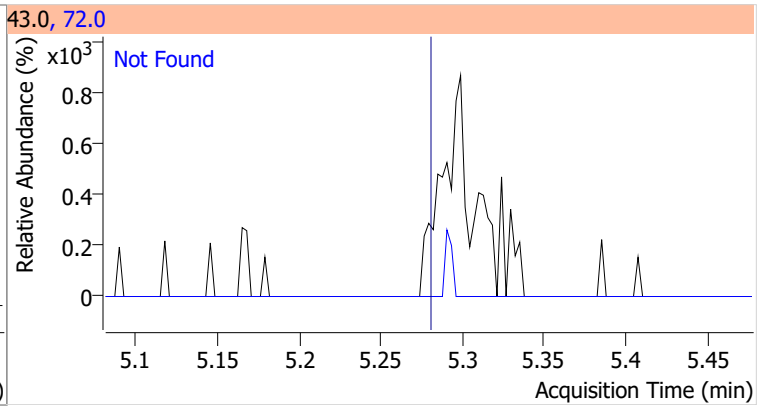
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



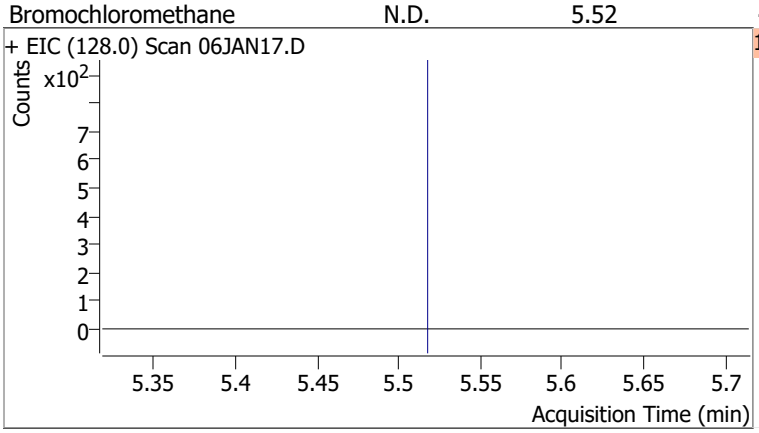


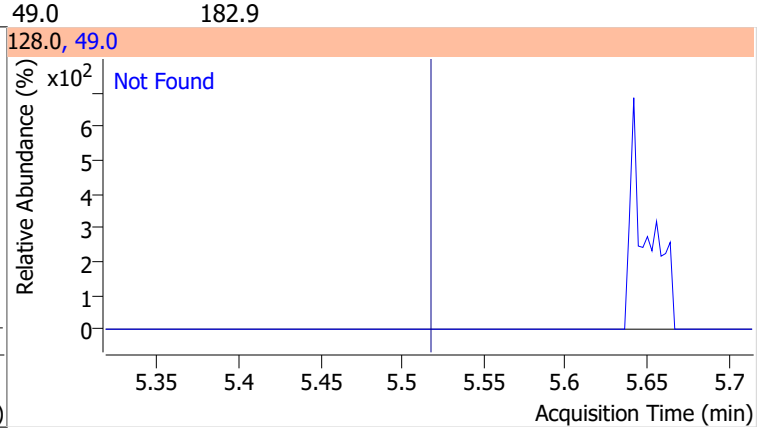
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



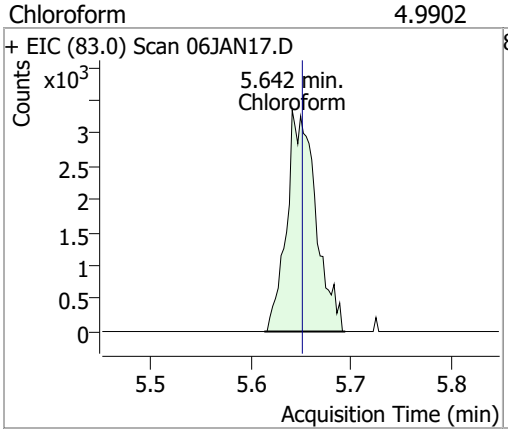


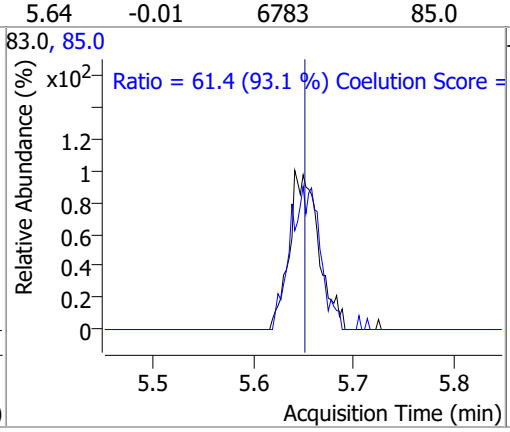
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

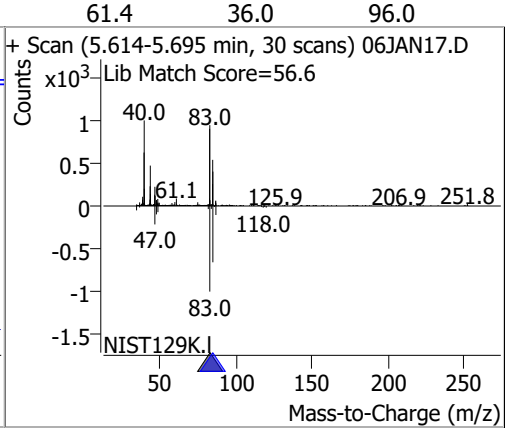




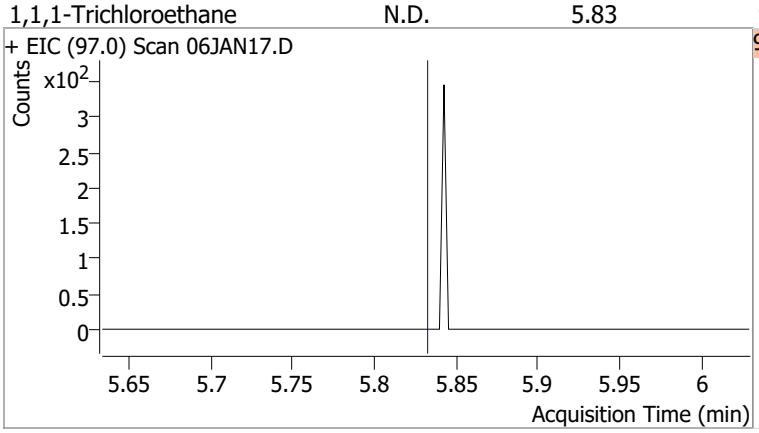
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	4.9902	5.64	-0.01	6783	85.0	61.4	36.0	96.0

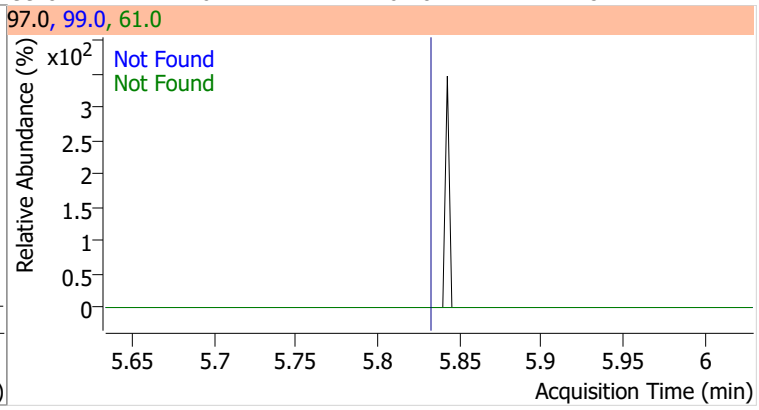




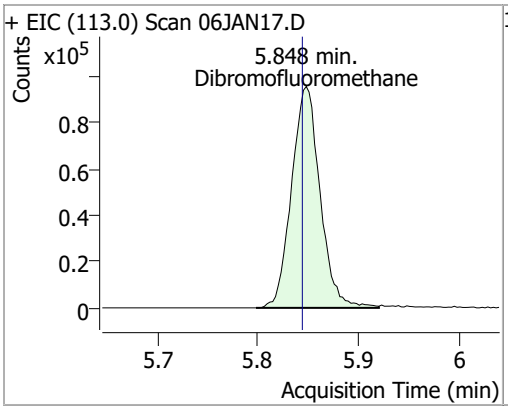


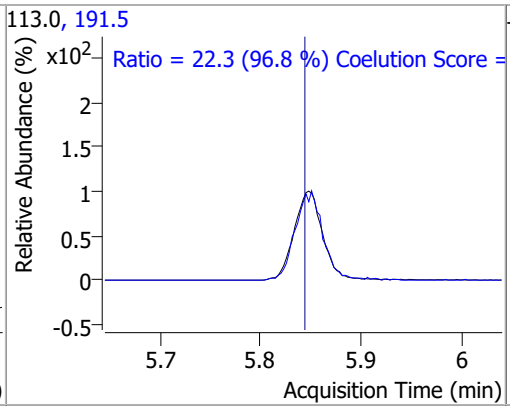
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

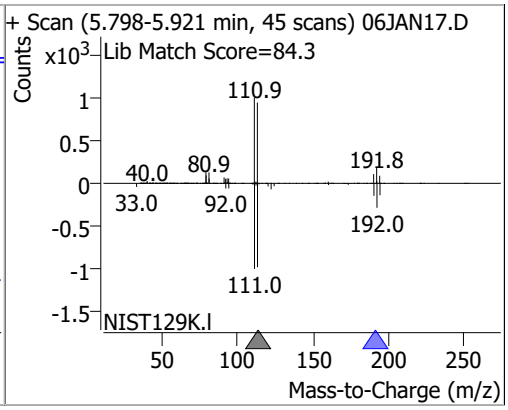




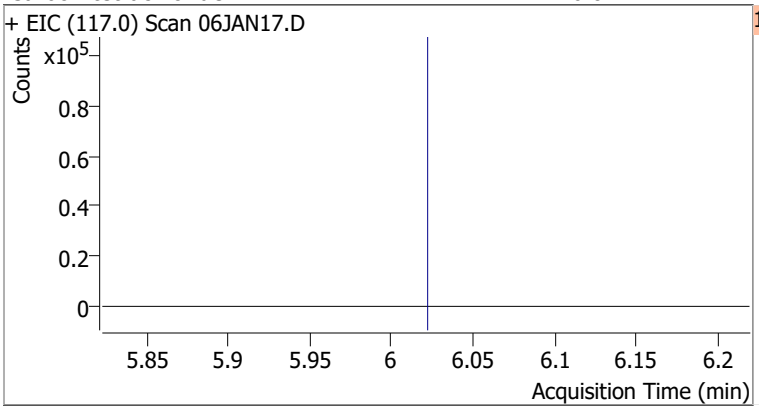
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	280.8544	5.85	0.00	188926	191.5	22.3	0.0	53.1

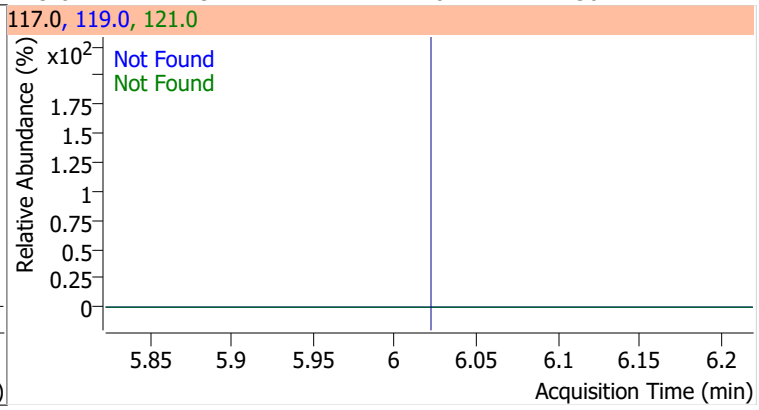




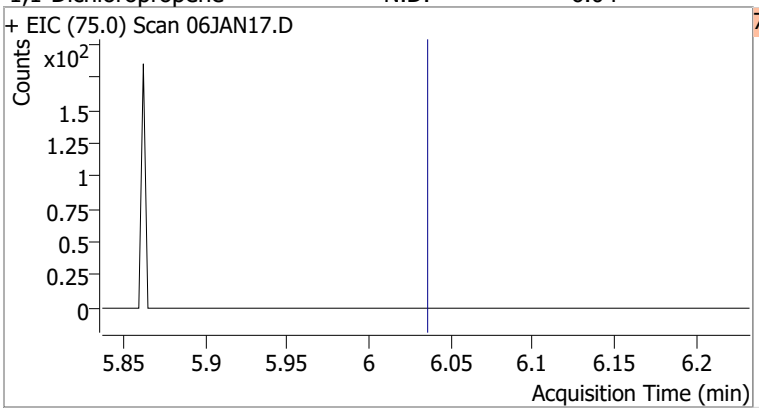


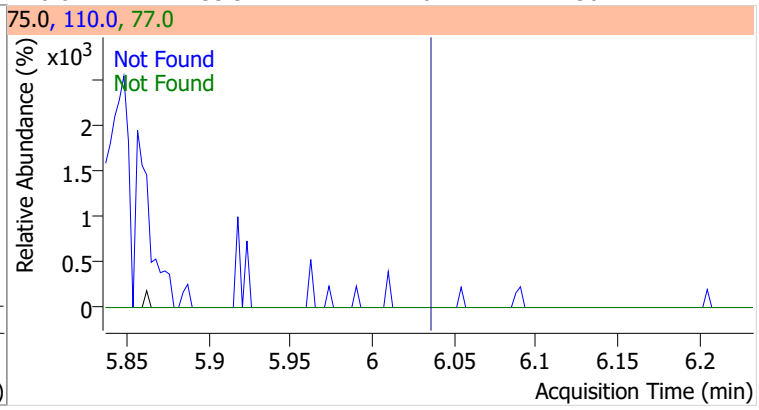
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



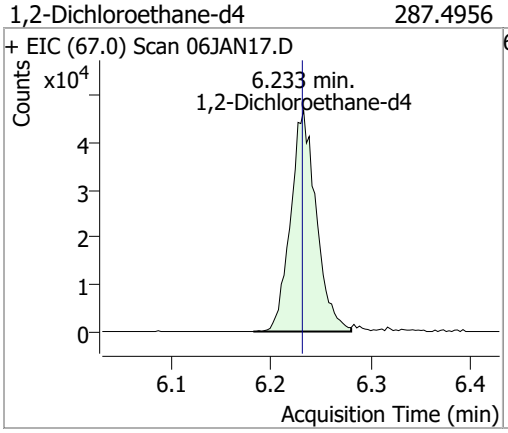


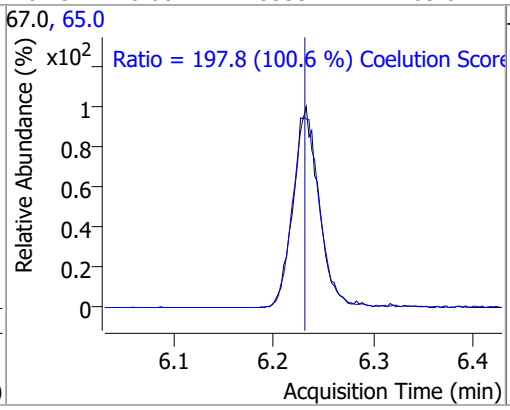
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

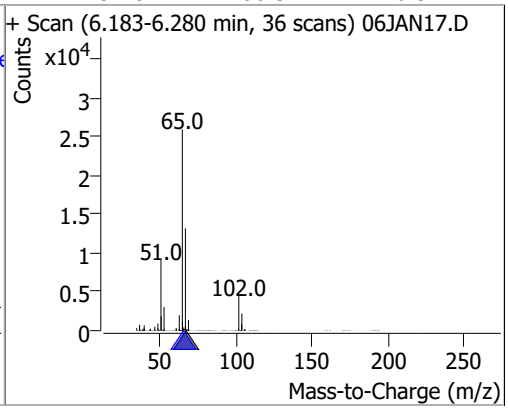




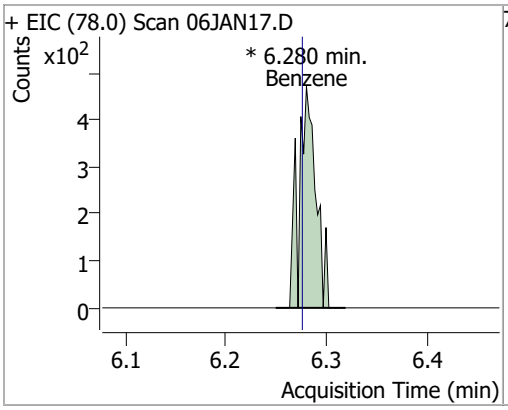
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	287.4956	6.23	0.00	83532	65.0	197.8	166.5	226.5

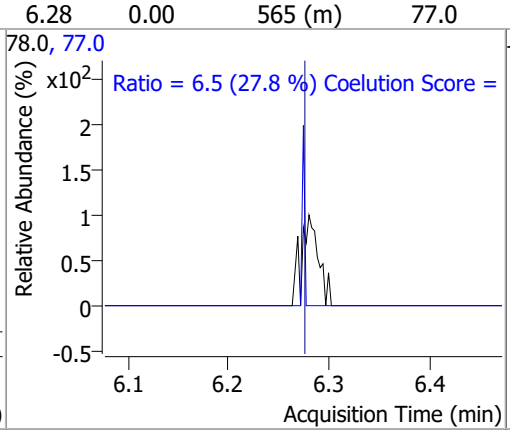


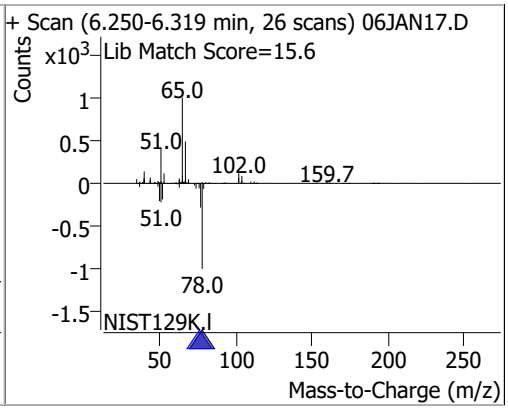




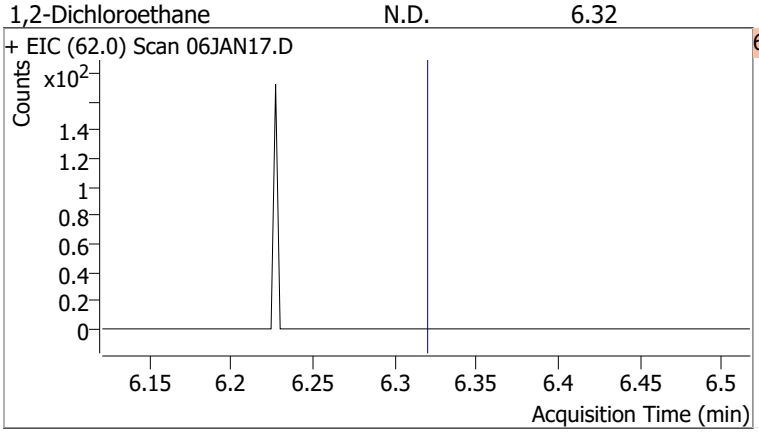
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1986	6.28	0.00	565 (m)	77.0	6.5	0.0	53.5

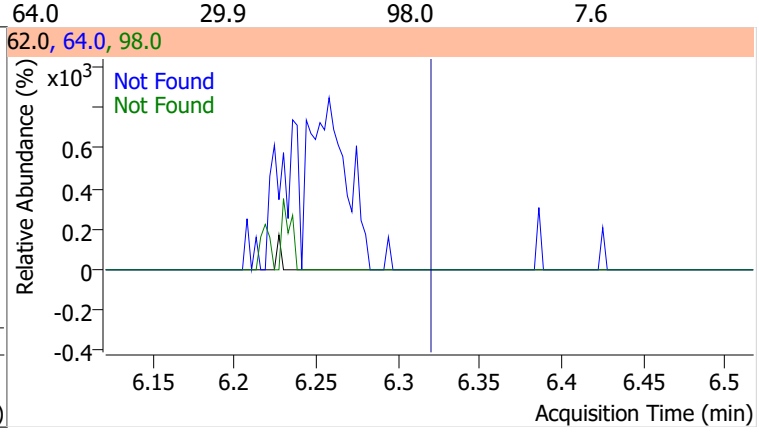




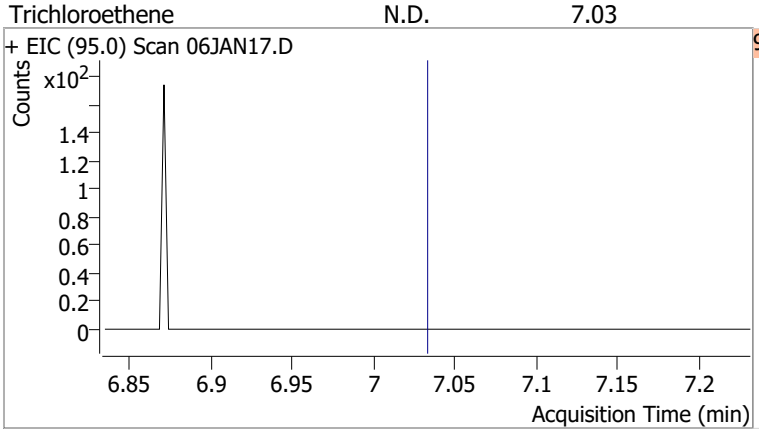


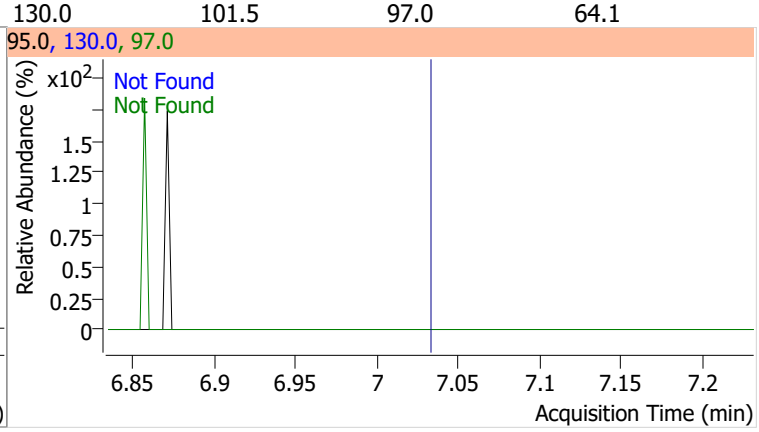
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



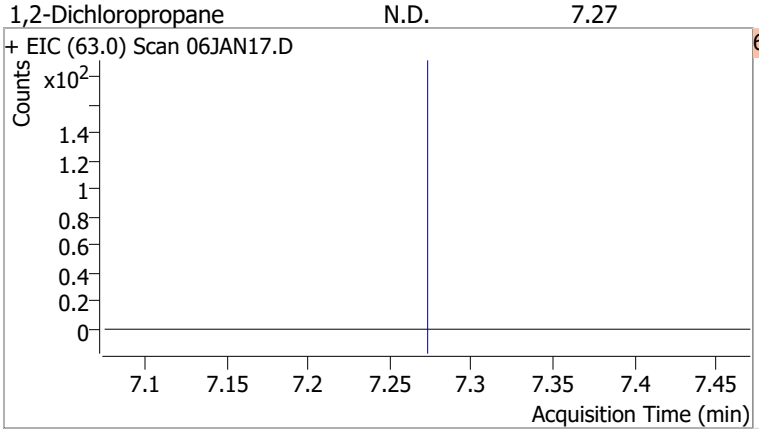


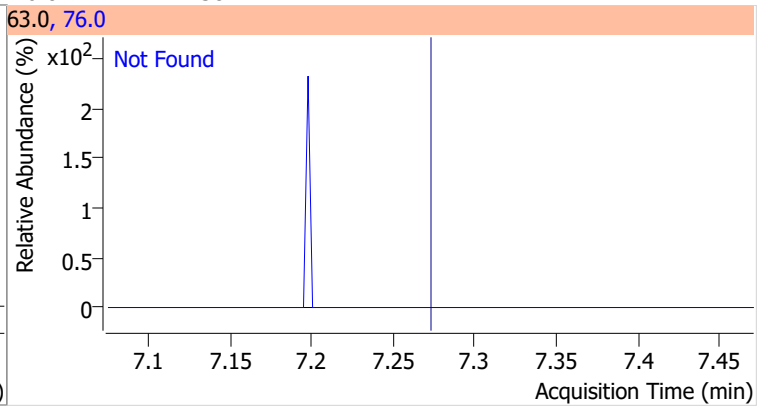
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



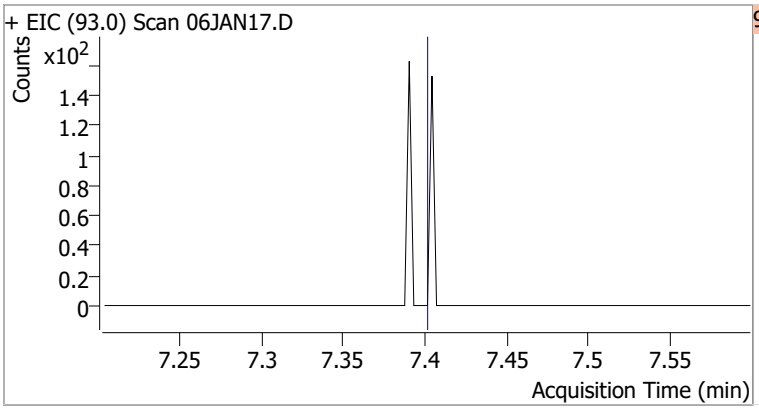


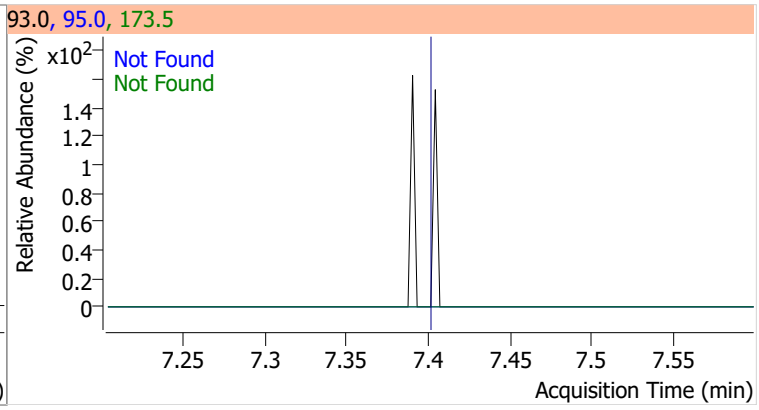
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



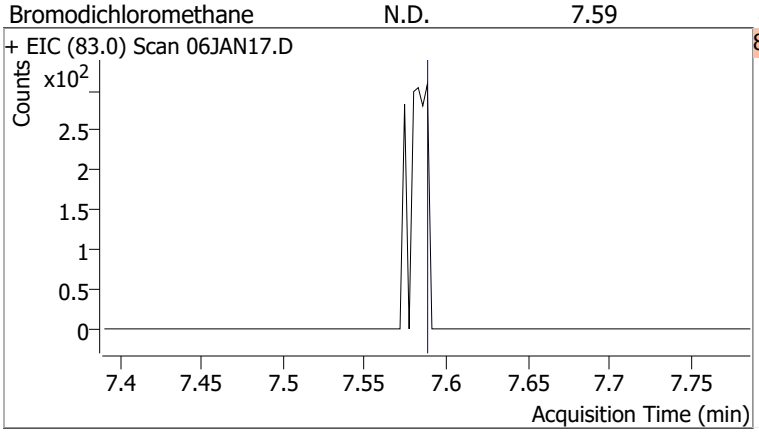


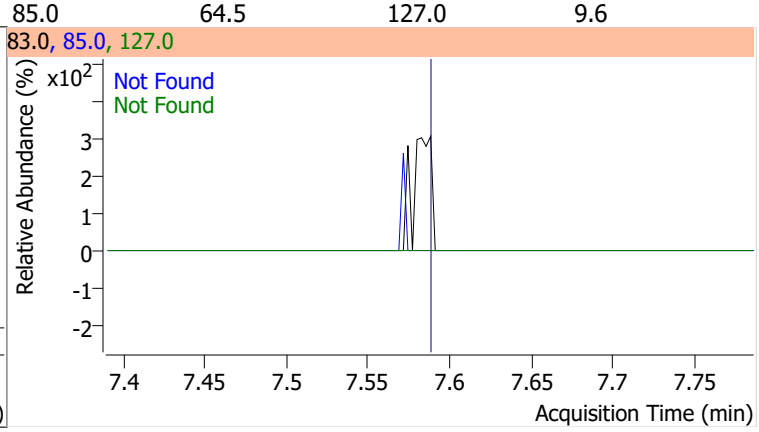
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



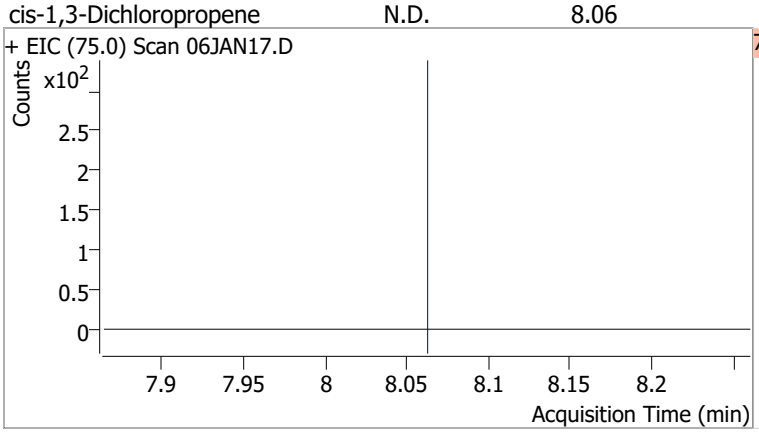


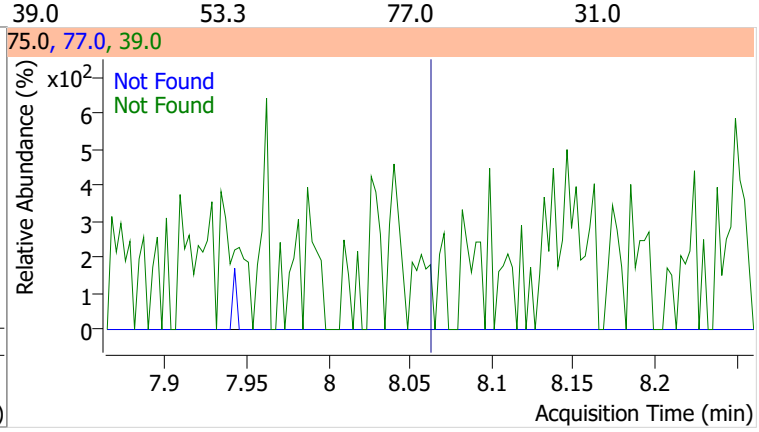
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



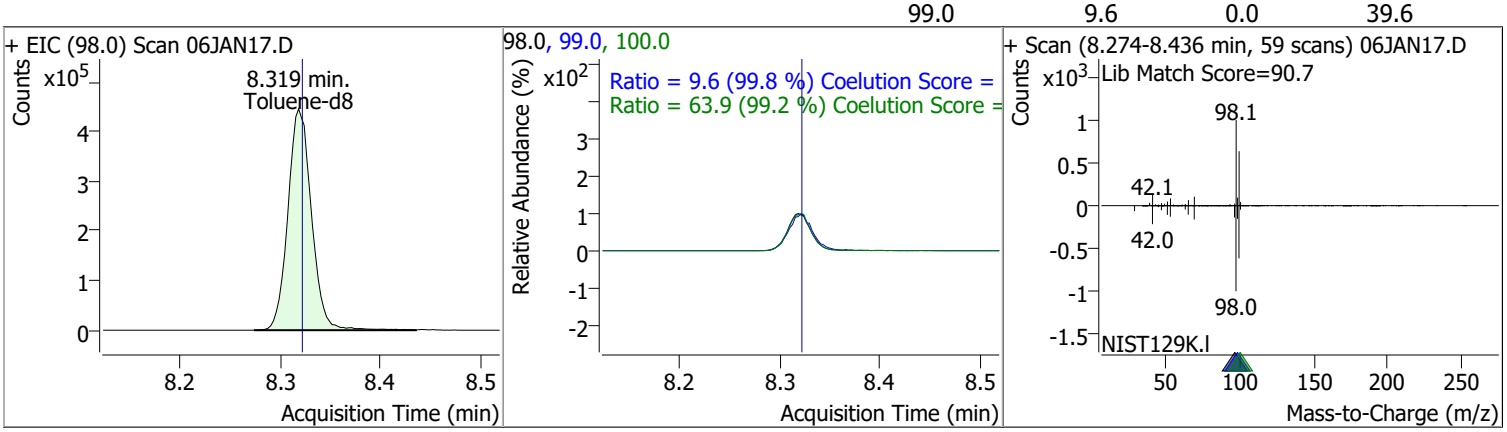


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

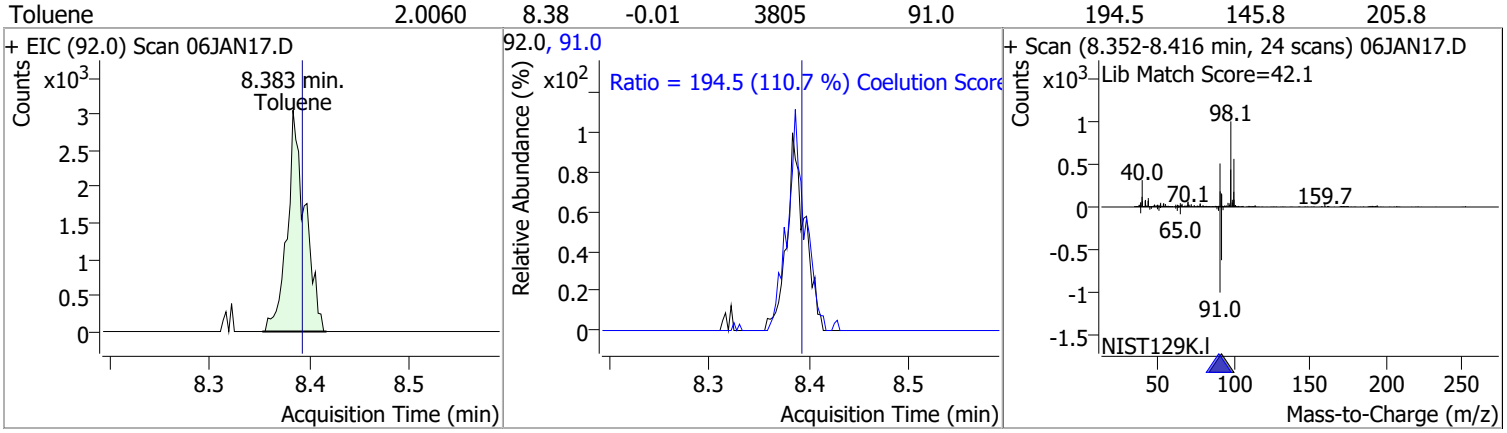




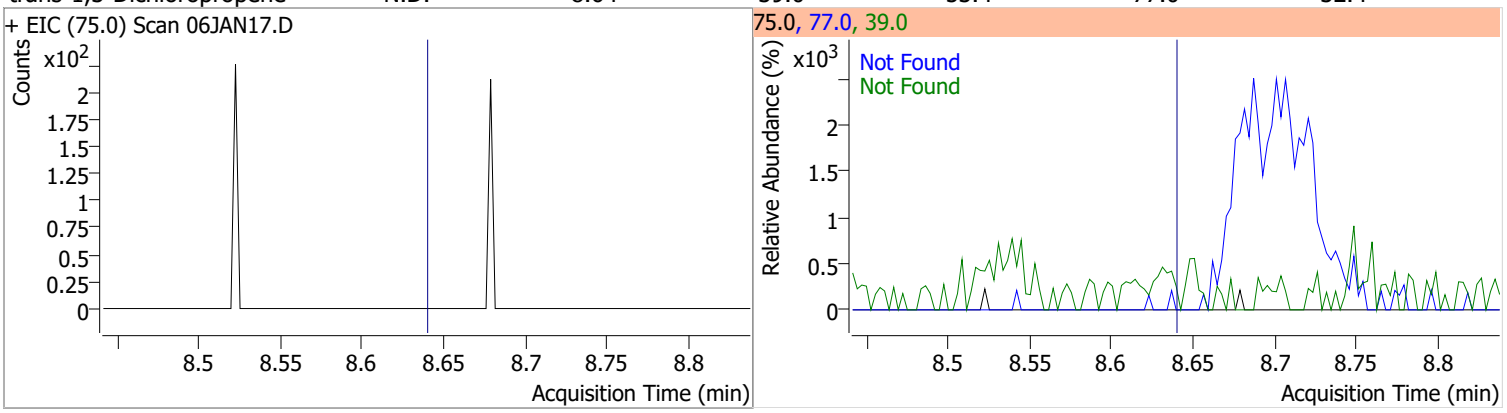
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	259.4432	8.32	0.00	728537	100.0	63.9	34.4	94.4
					99.0	9.6	0.0	39.6



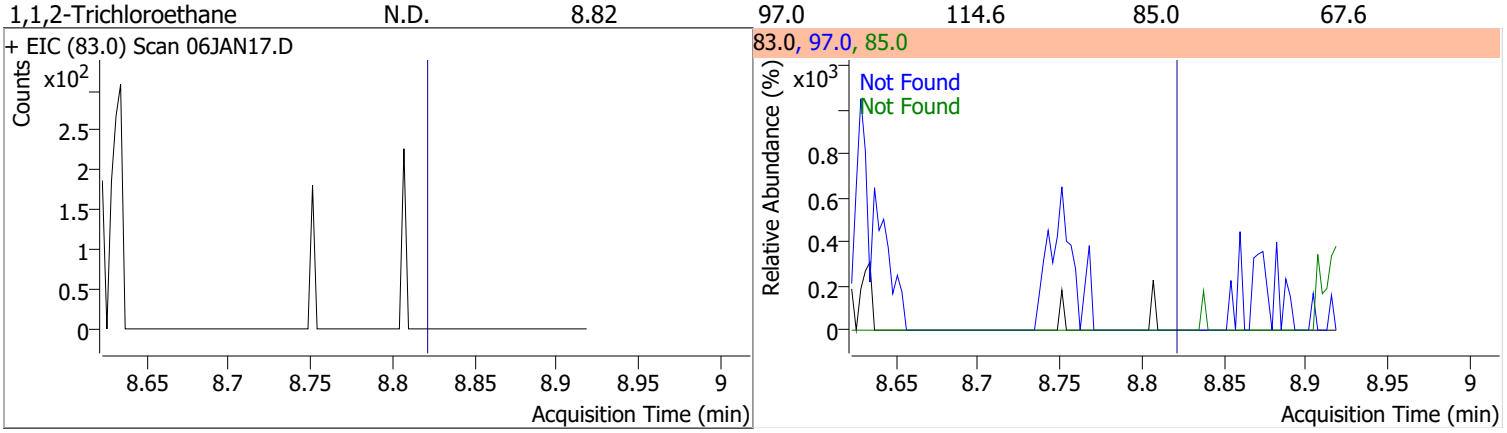
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.0060	8.38	-0.01	3805	91.0	194.5	145.8	205.8



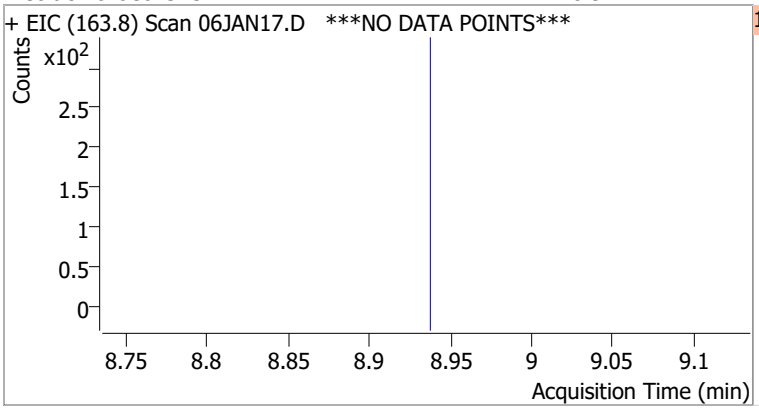
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

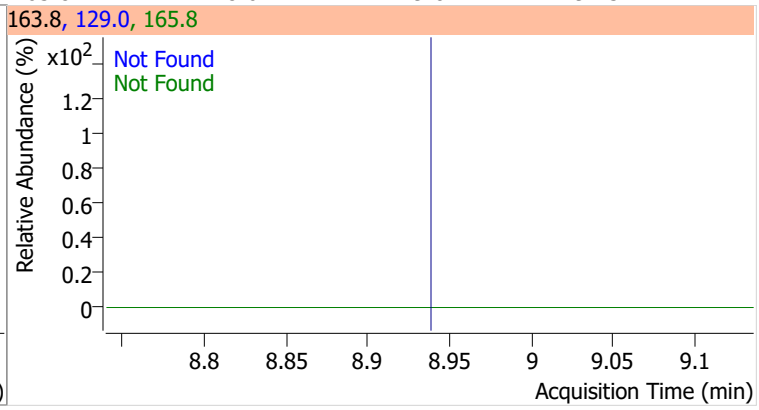


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

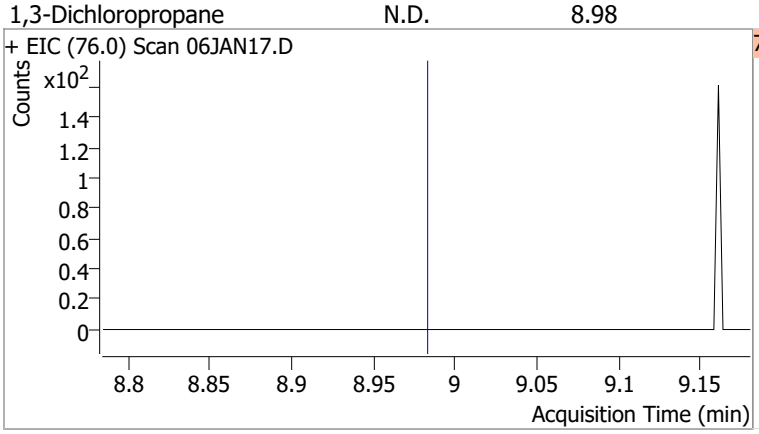


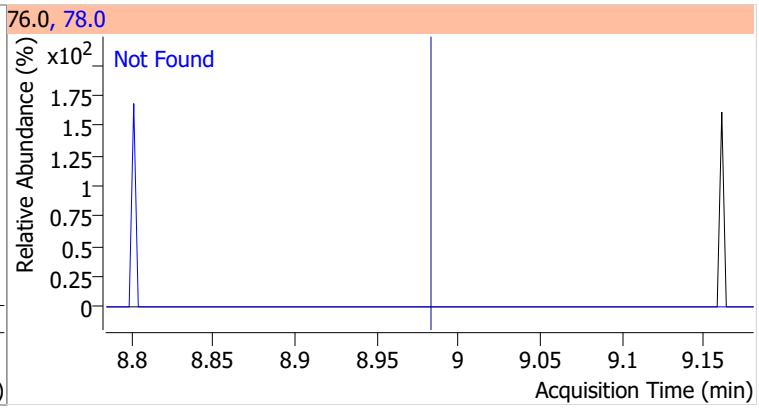
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



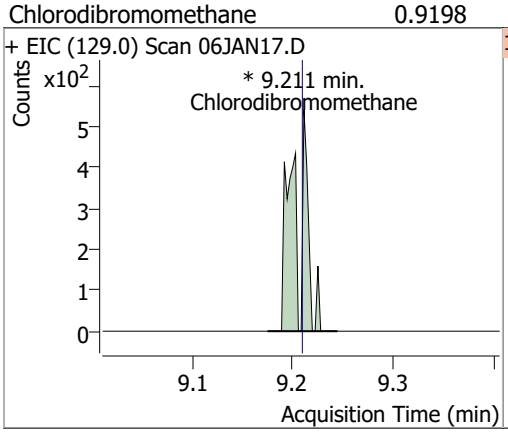


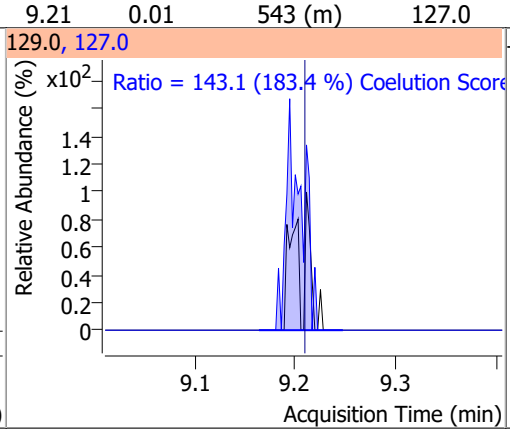
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9

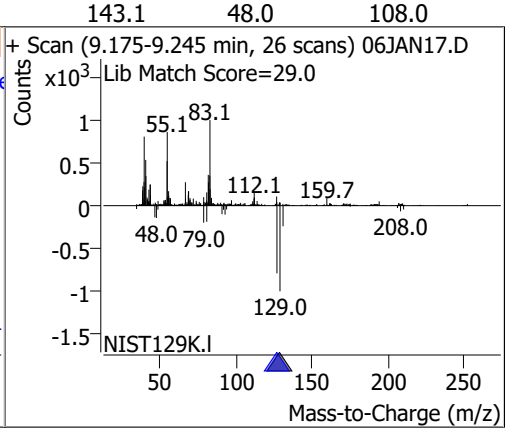




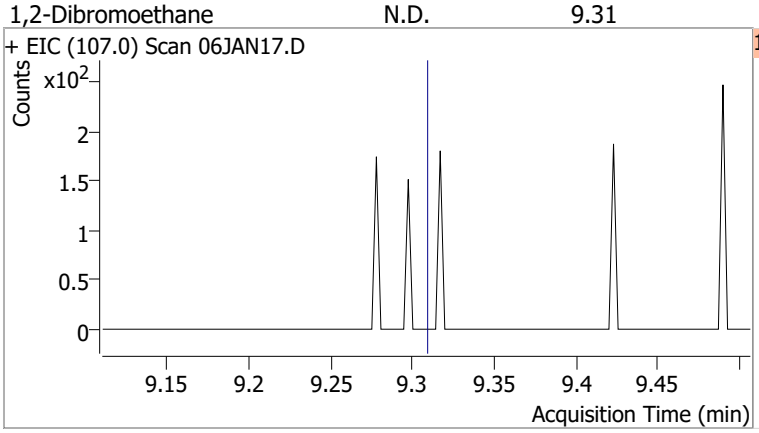
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	0.9198	9.21	0.01	543 (m)	127.0	143.1	48.0	108.0

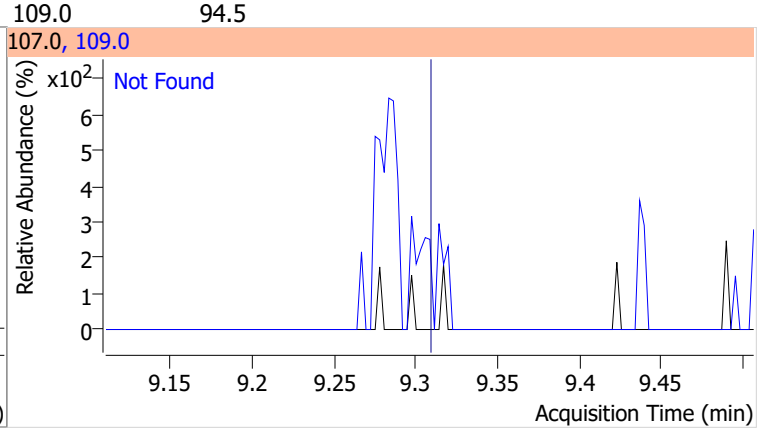




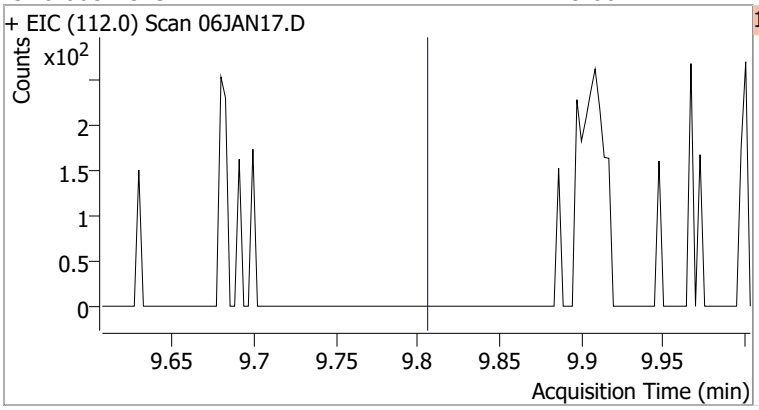


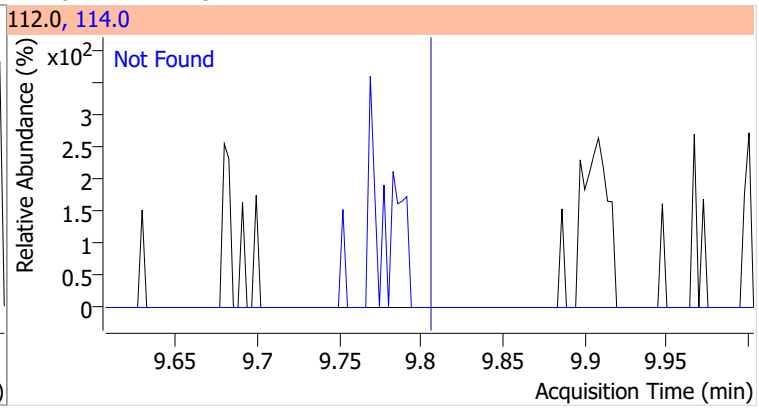
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



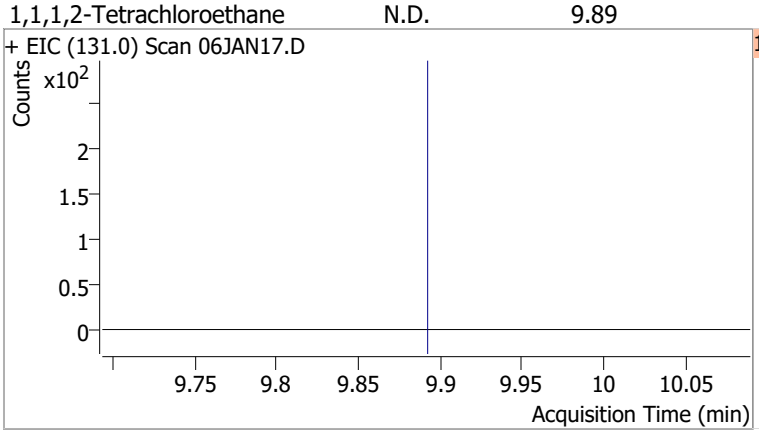


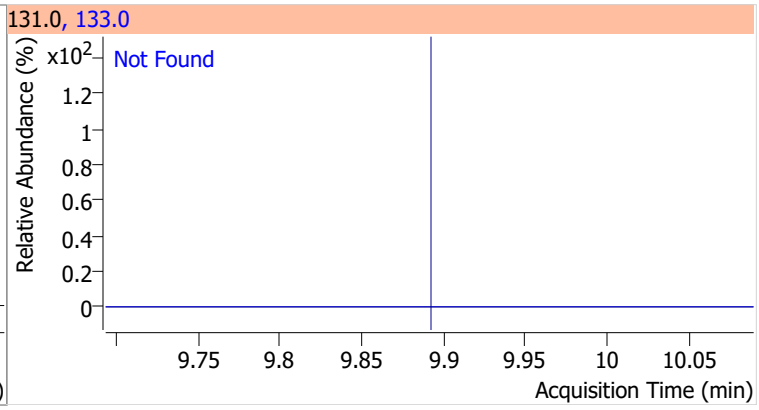
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



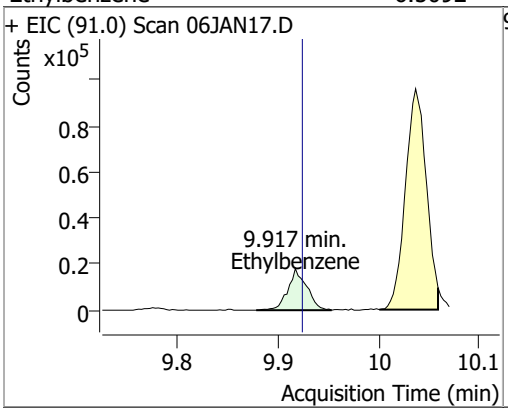


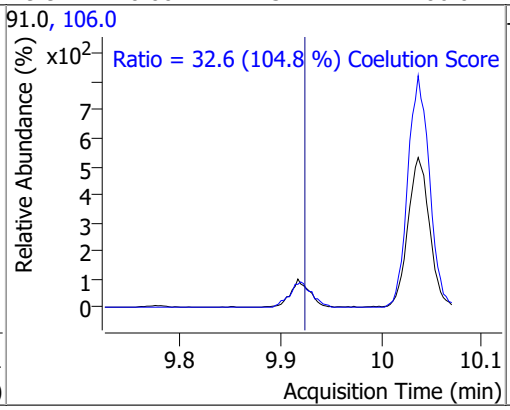
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6

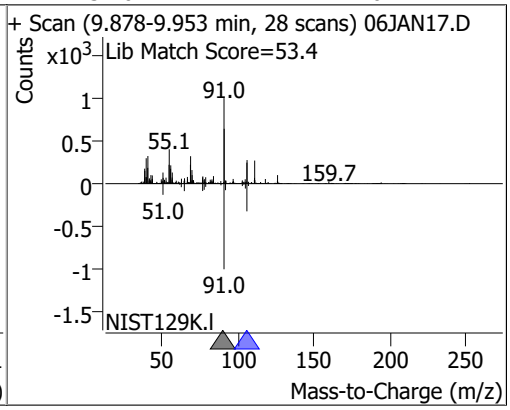




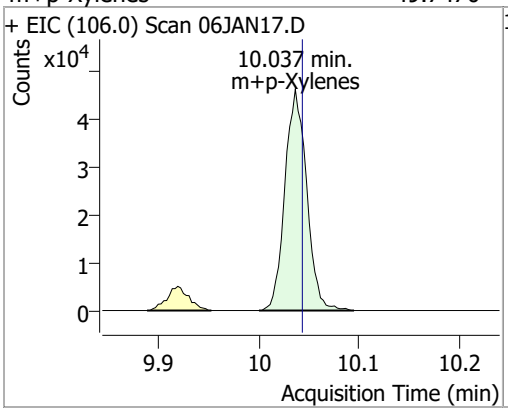
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	6.5092	9.92	0.00	23444	106.0	32.6	1.1	61.1

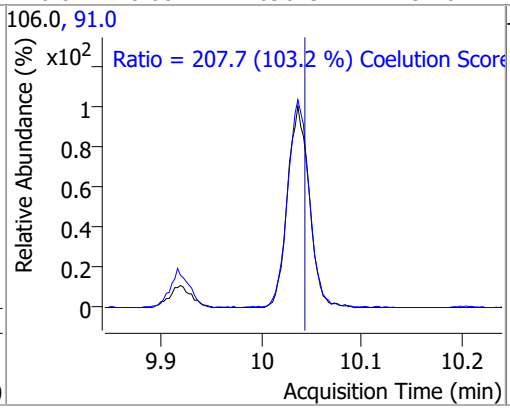


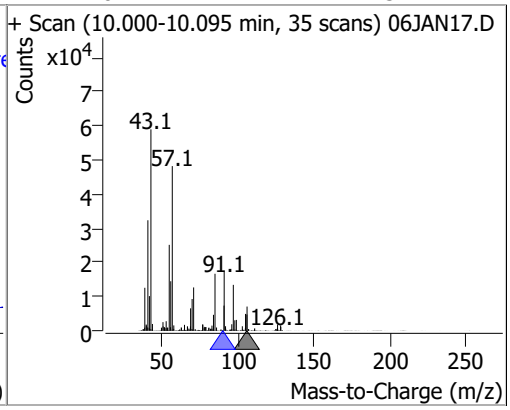




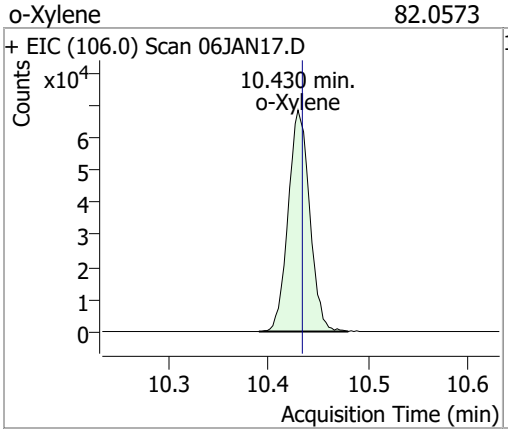
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	49.7470	10.04	0.00	69629	91.0	207.7	171.4	231.4

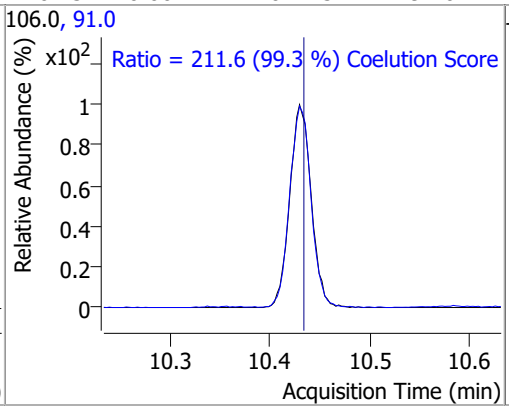


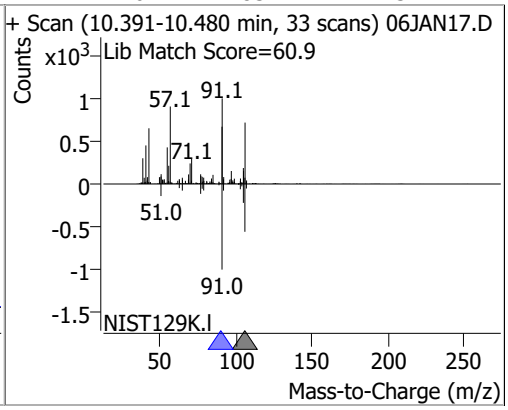




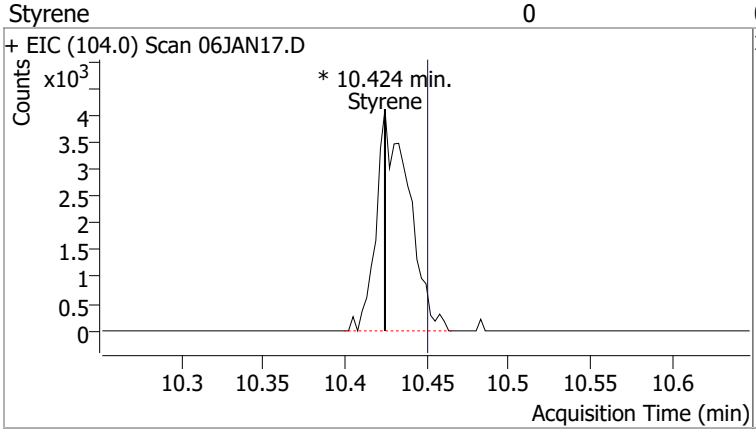
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	82.0573	10.43	0.00	102245	91.0	211.6	183.1	243.1

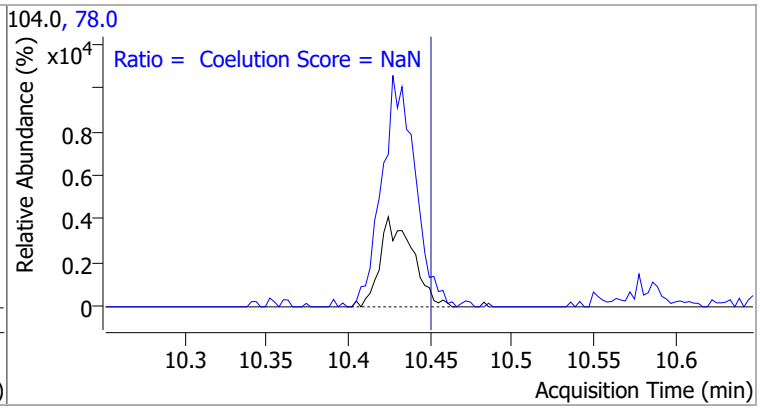




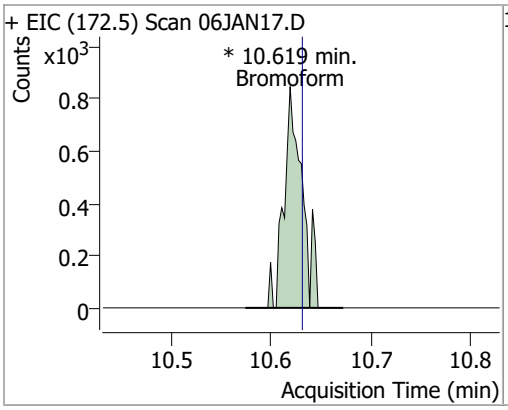


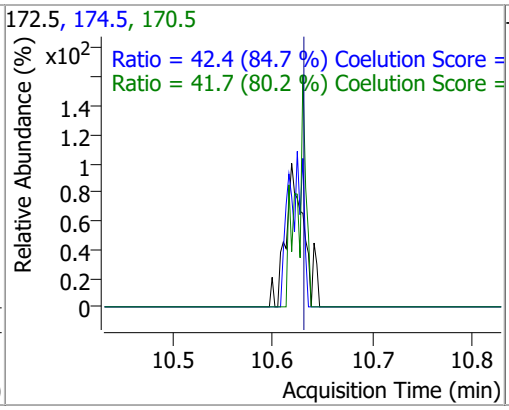
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene		0		0	78.0		19.6	79.6

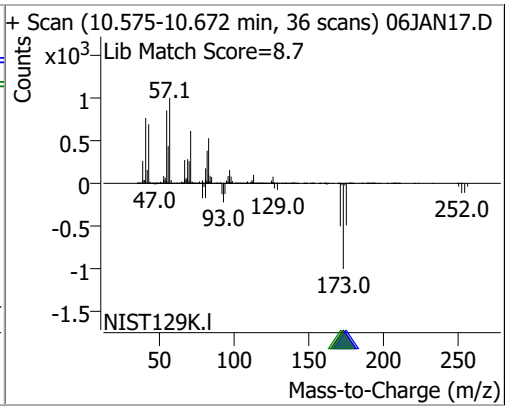




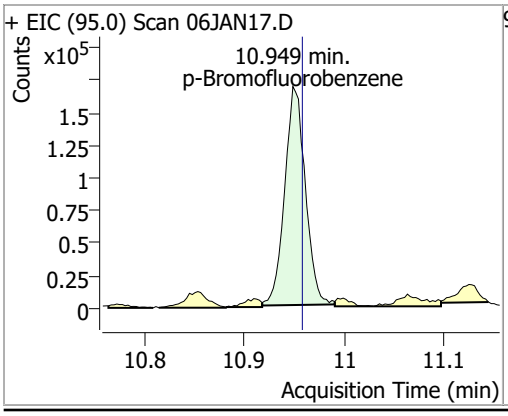
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	3.4272	10.62	-0.01	1081 (m)	170.5	41.7	22.1	82.1
					174.5	42.4	20.1	80.1

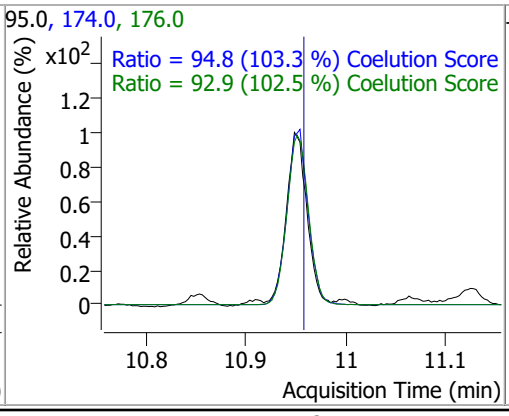


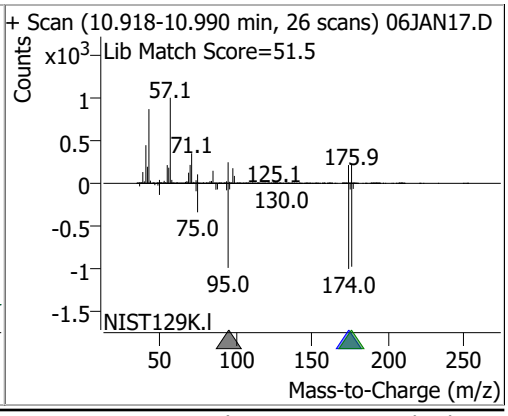




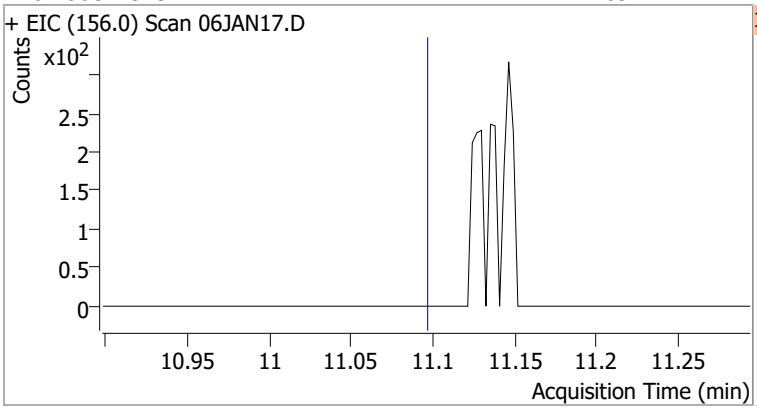
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	265.7584	10.95	-0.01	239948	174.0	94.8	61.7	121.7
					176.0	92.9	60.6	120.6

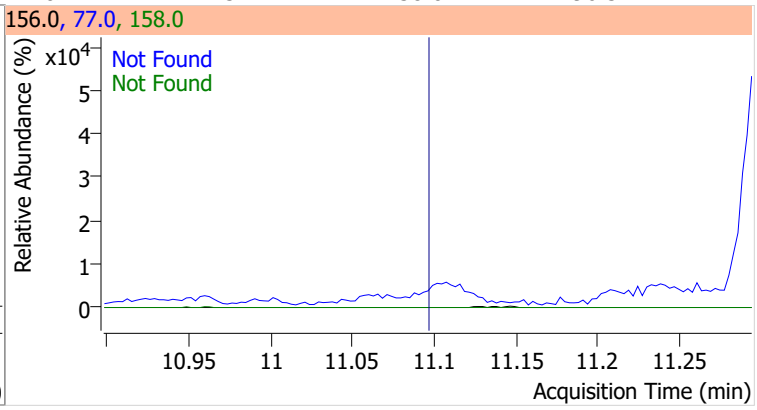




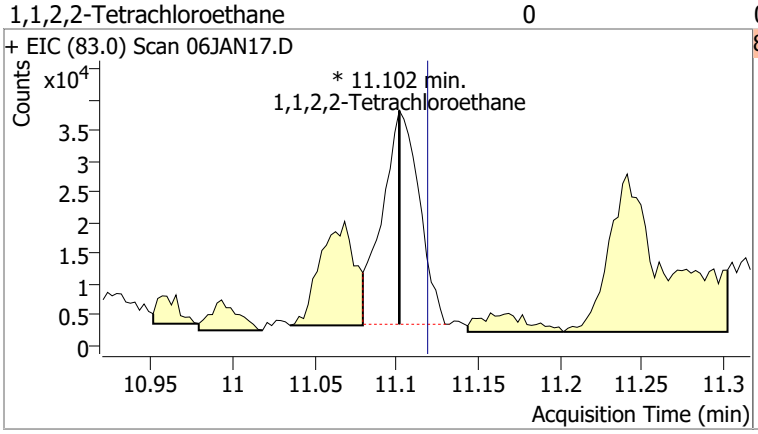


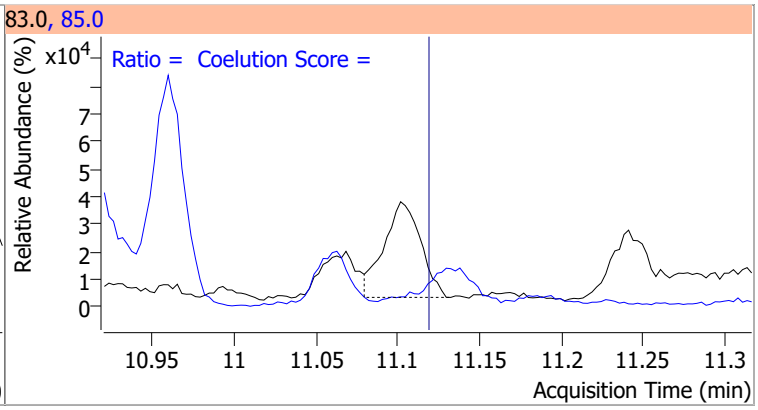
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



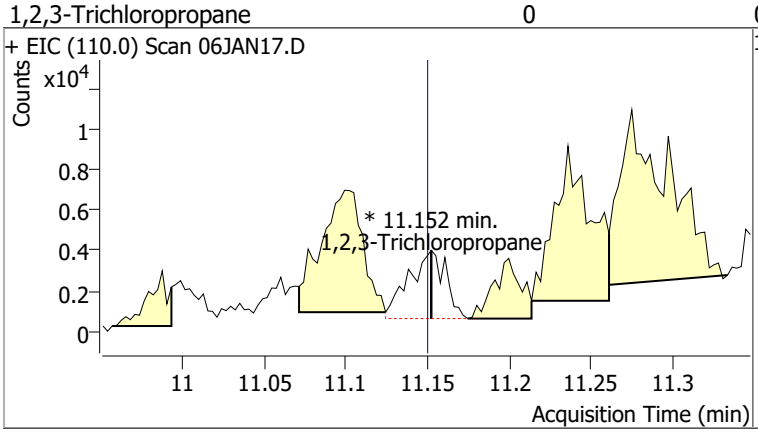


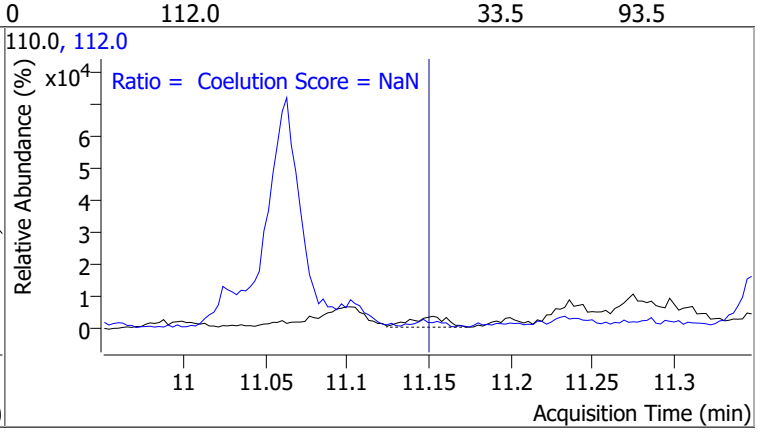
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane		0		0	85.0		36.2	96.2



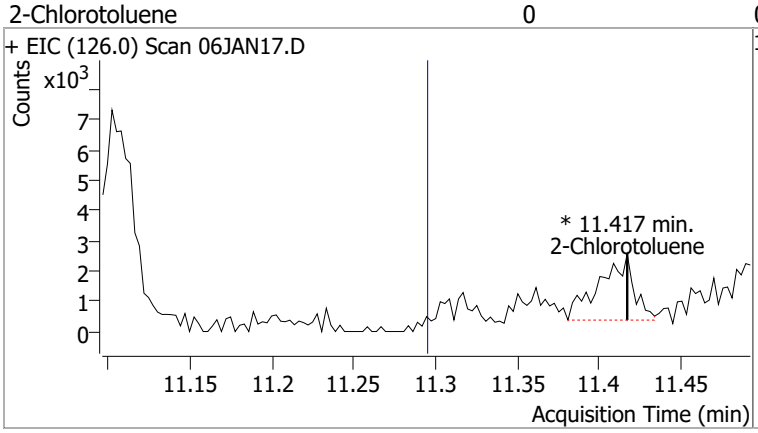


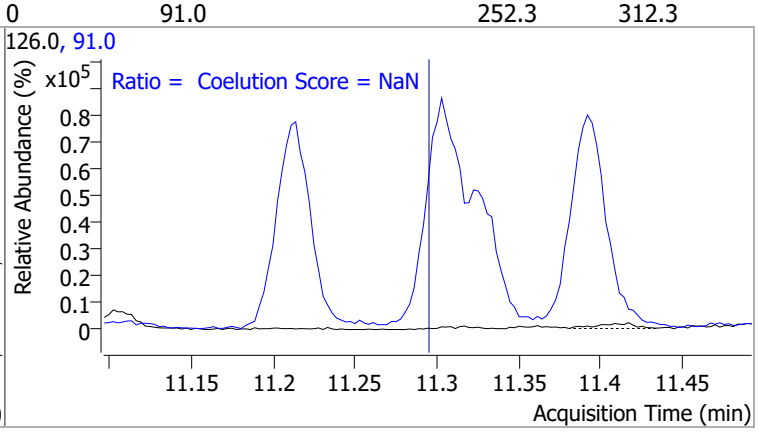
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane		0		0	112.0		33.5	93.5



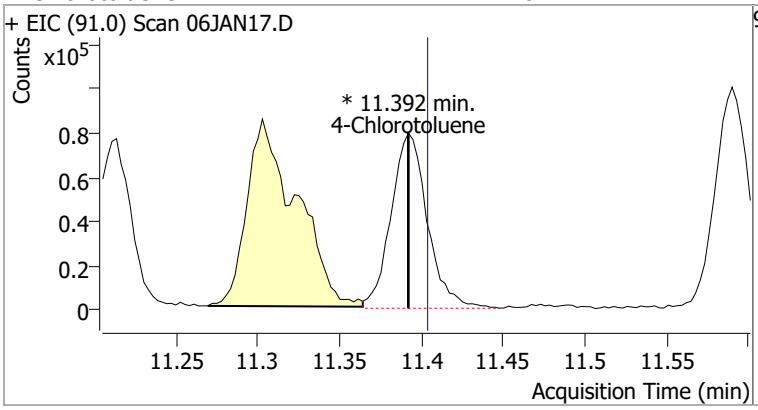


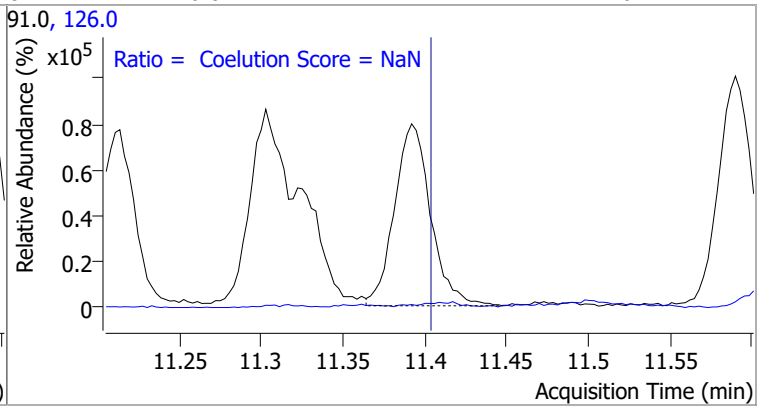
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene		0		0	91.0		252.3	312.3



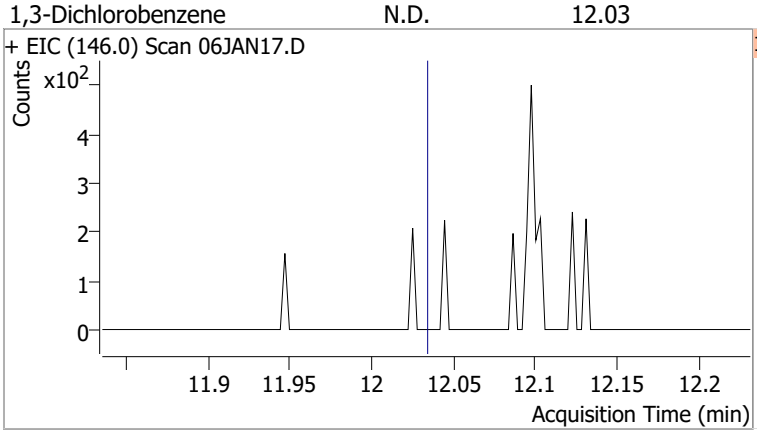


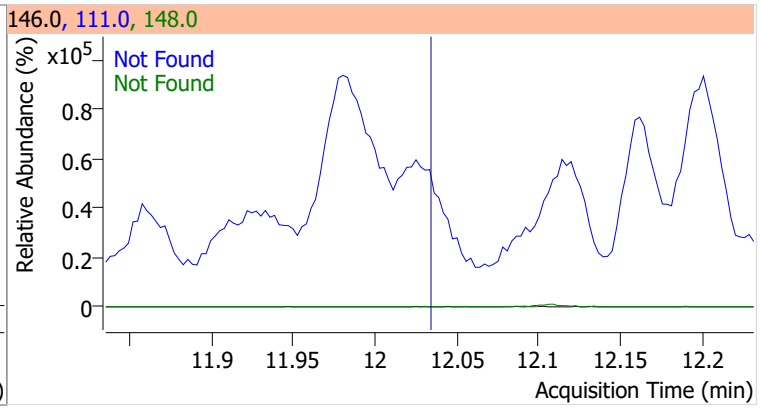
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene		0		0	126.0		1.7	61.7



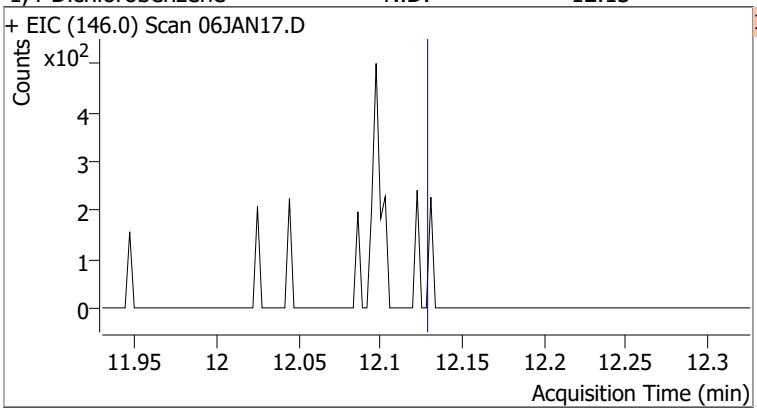


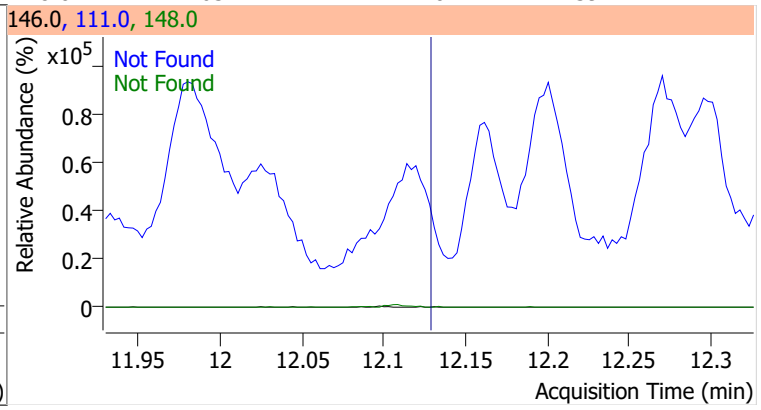
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



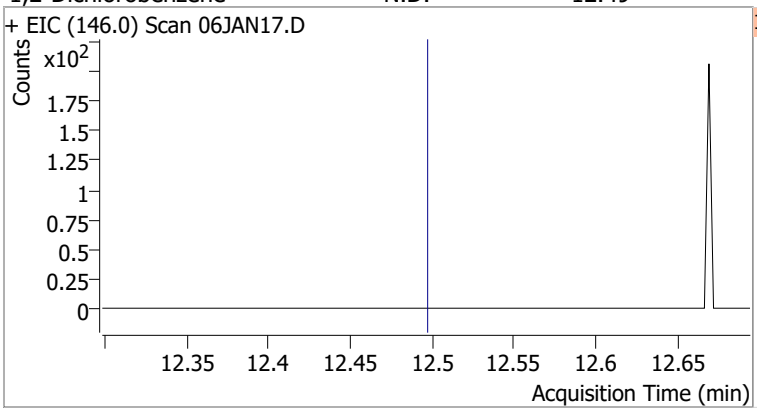


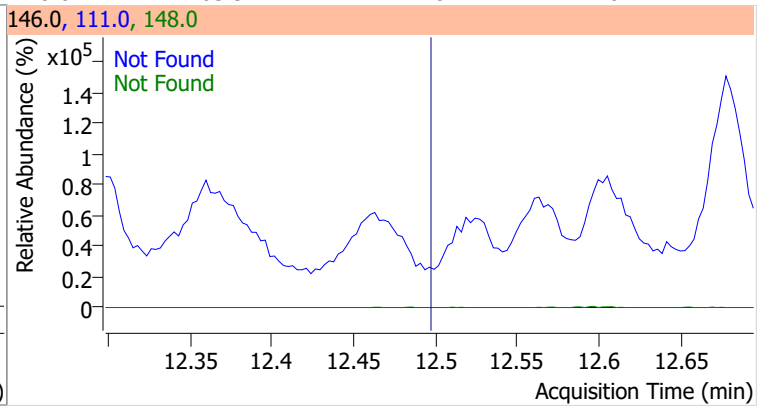
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

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Sample Name	B22010212-001F	Instrument	VOA5975C
Vial	18	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
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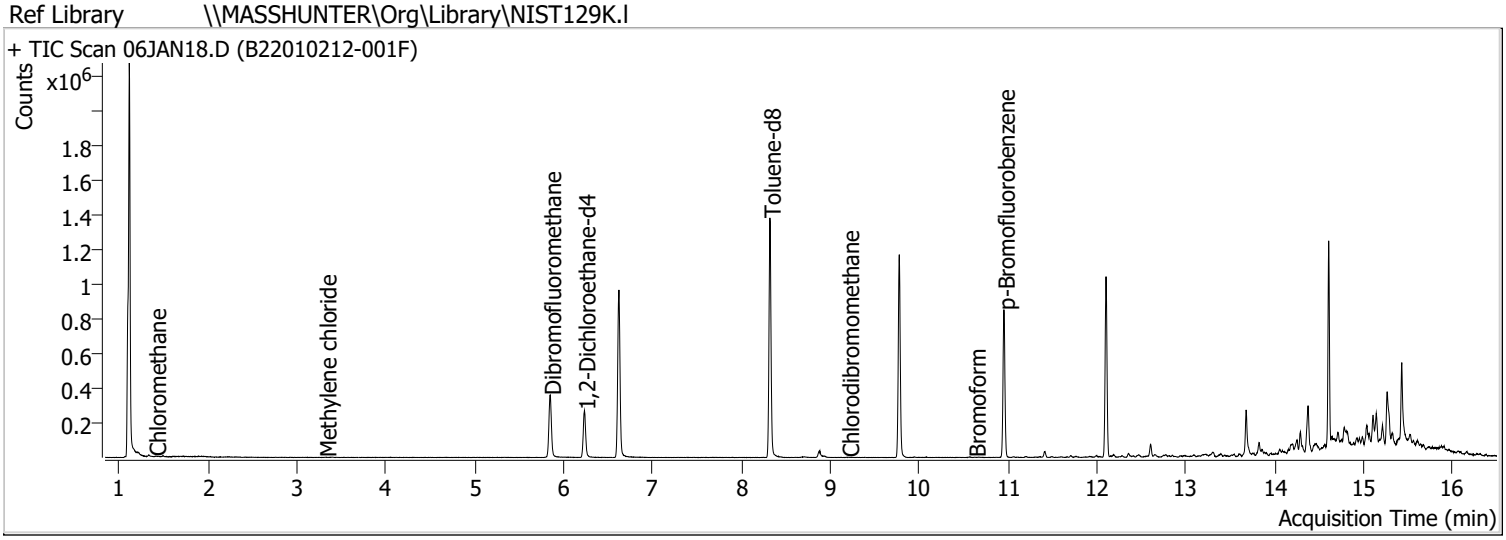
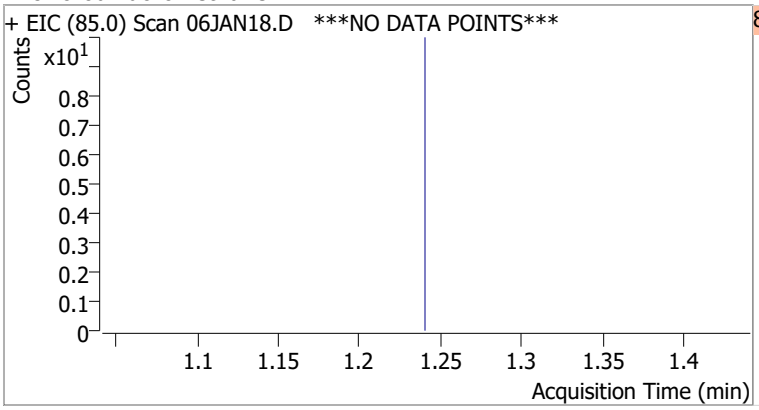


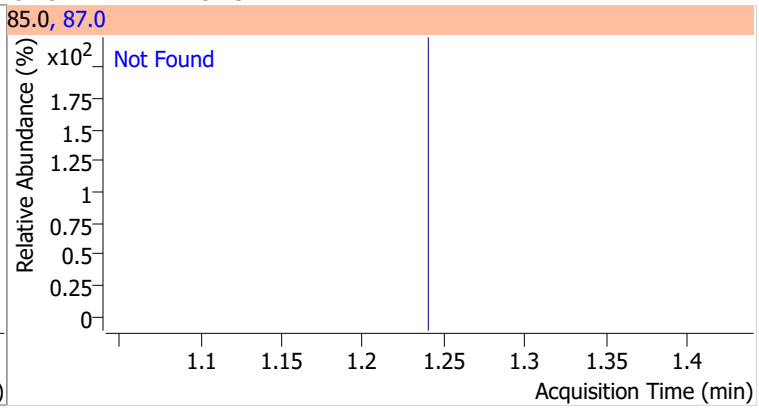
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	826150	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	320793	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	248963	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	214782	275.9569	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 110.38%			
S 1,2-Dichloroethane-d4	6.233	67.0	96065	285.7573	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.30%			
S Toluene-d8	8.319	98.0	827519	267.6907	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.08%			
S p-Bromofluorobenzene	10.951	95.0	246342	270.0884	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.04%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.406	50.0	1213	0.9232	ng	m	69
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.321	49.0	651	0.5306	ng	m	78
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	0.000		0	N.D.			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	0.000		0	N.D.			
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	9.200	129.0	342	0.5257	ng	m	77
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	10.433	106.0	0		ng	md	1
T Styrene	0.000		0	N.D.			
T Bromoform	10.625	172.5	742	2.3298	ng	m	85
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

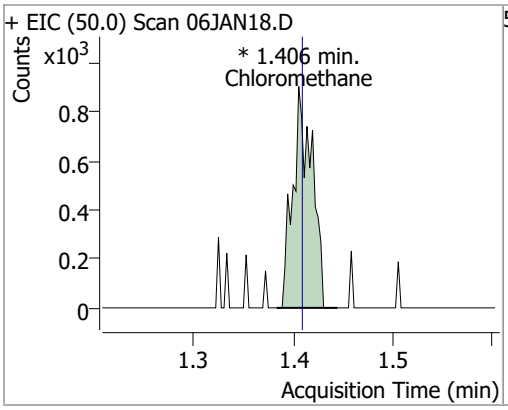
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

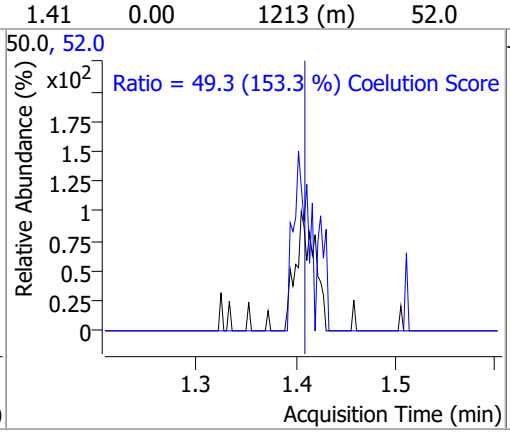
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

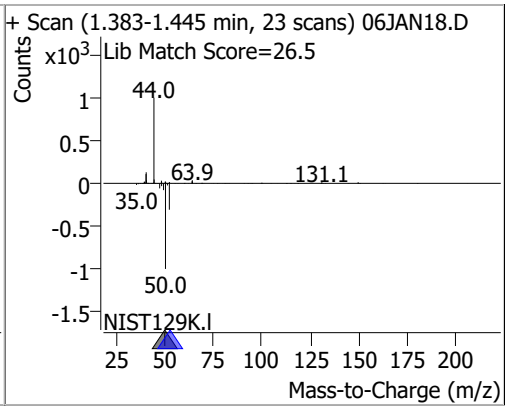




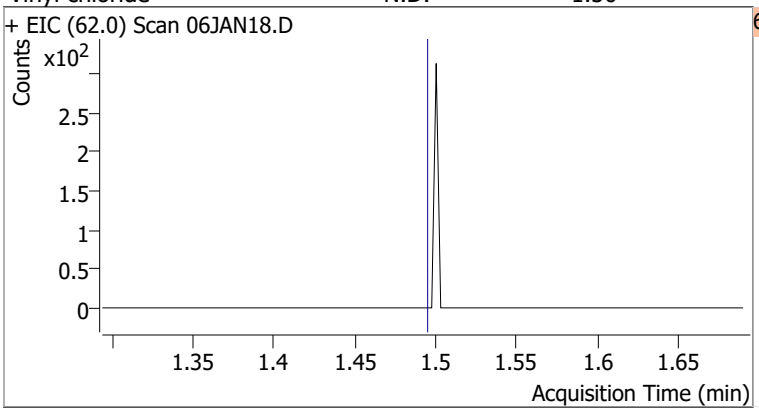
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.9232	1.41	0.00	1213 (m)	52.0	49.3	2.1	62.1

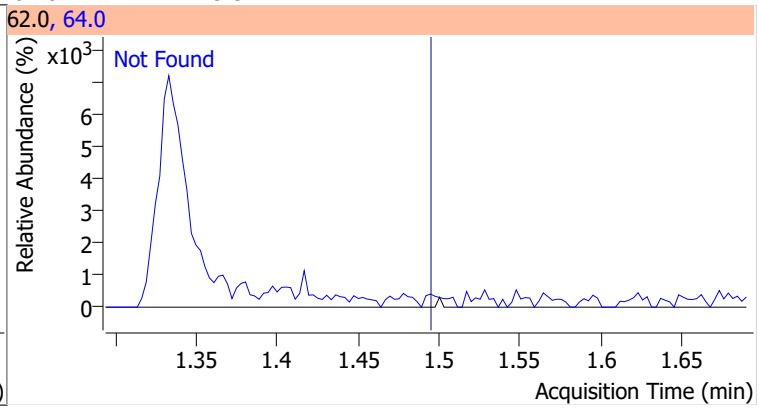




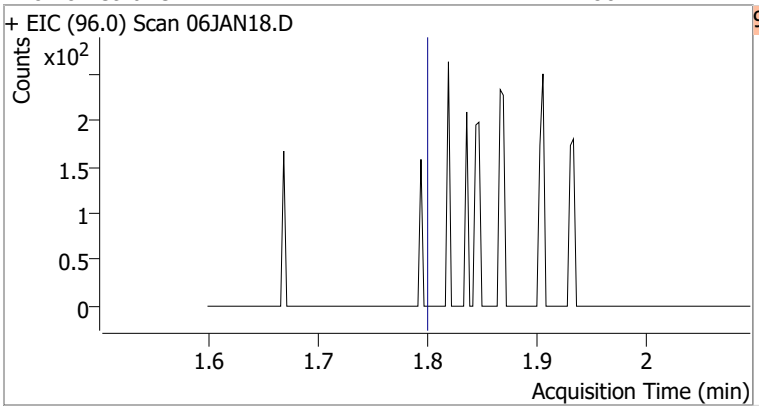


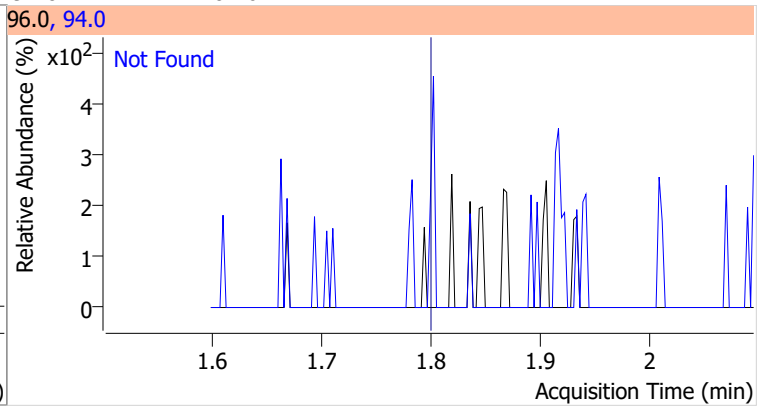
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



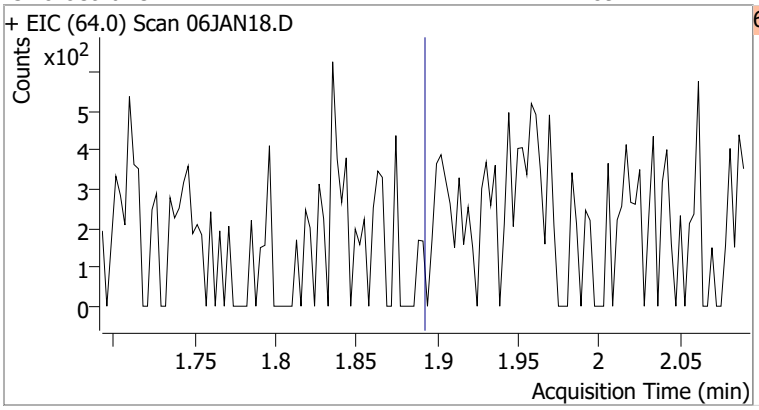


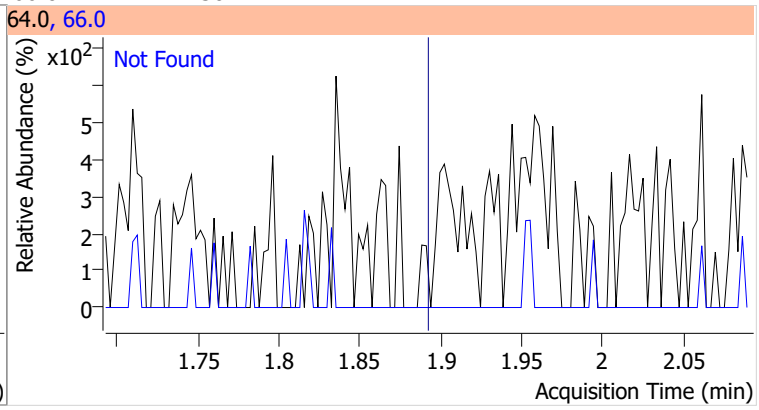
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



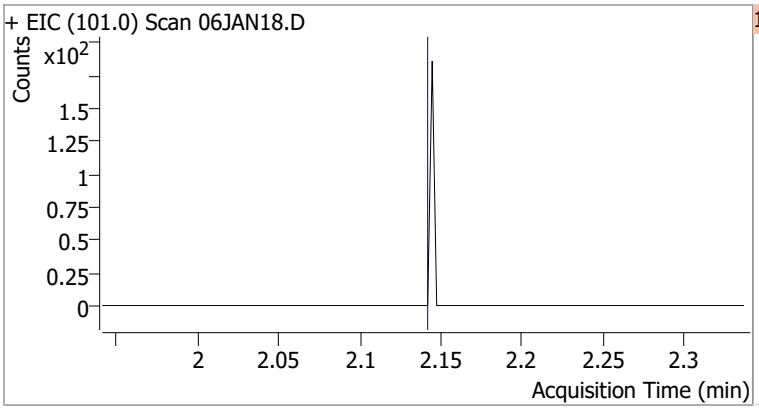


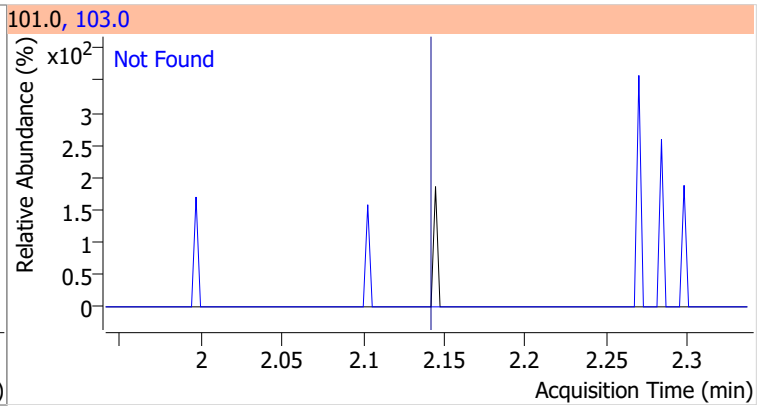
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



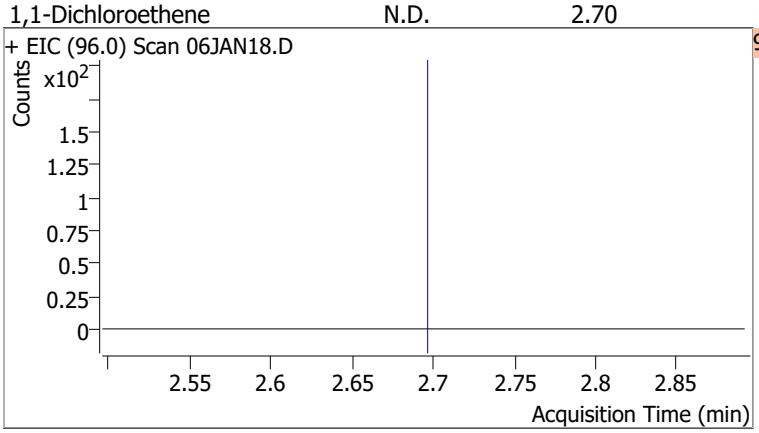


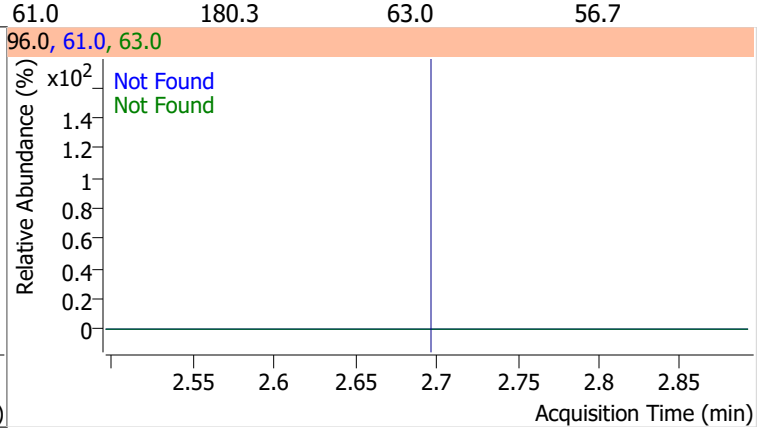
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



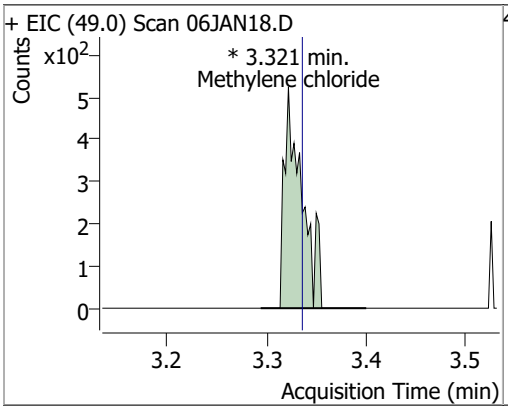


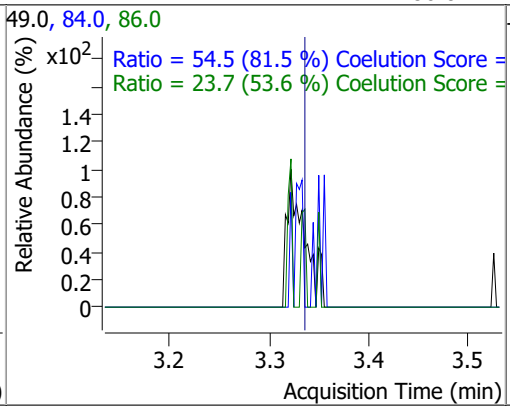
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

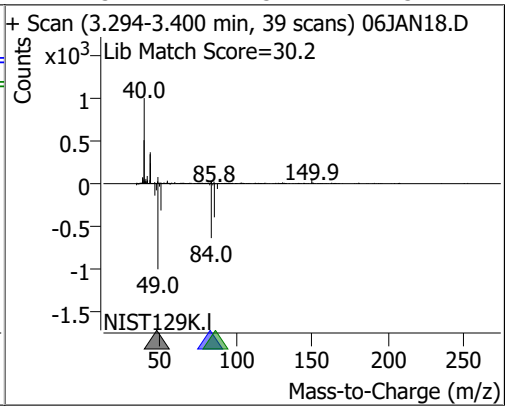




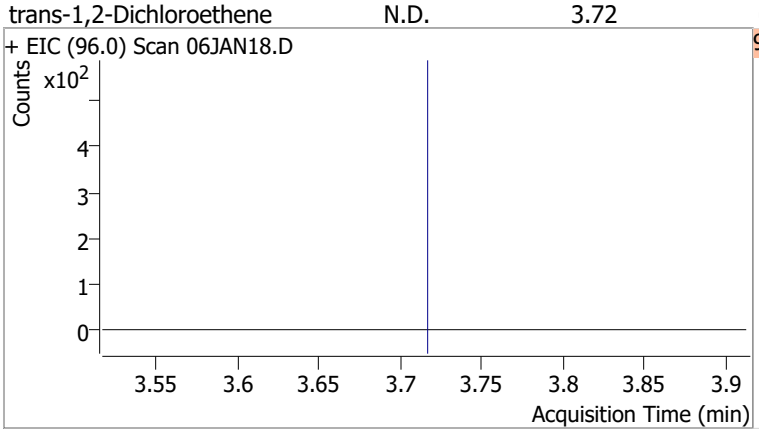
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.5306	3.32	-0.01	651 (m)	84.0	54.5	36.9	96.9
					86.0	23.7	14.3	74.3

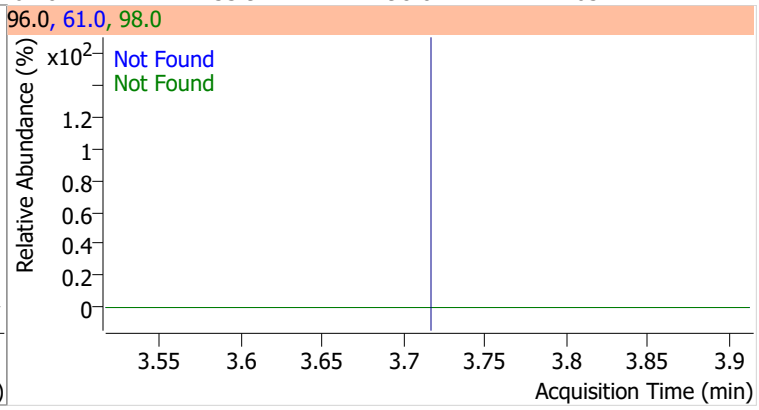




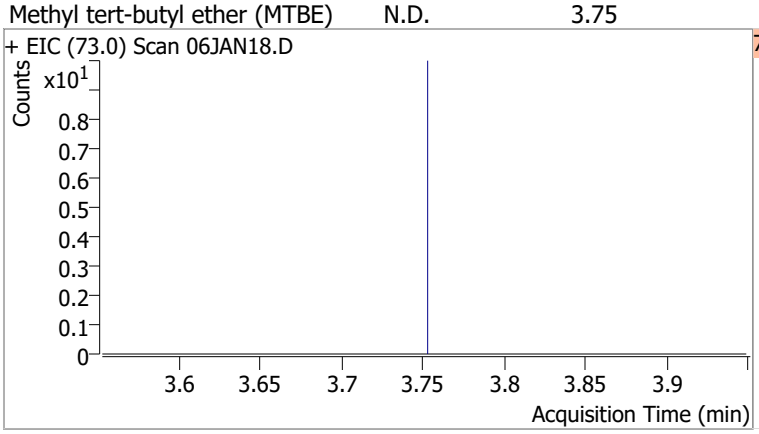


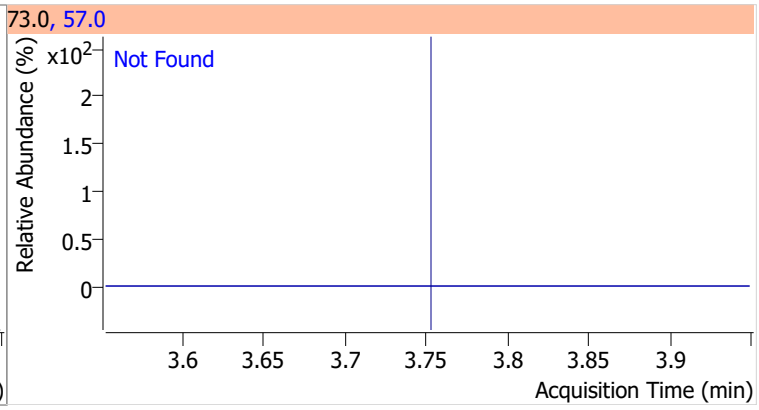
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



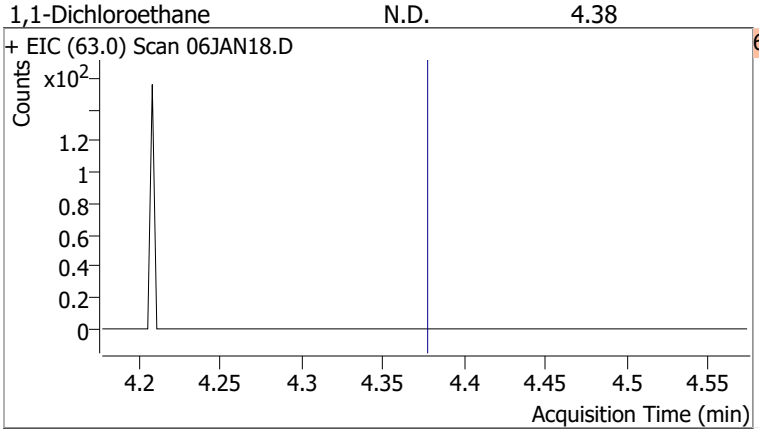


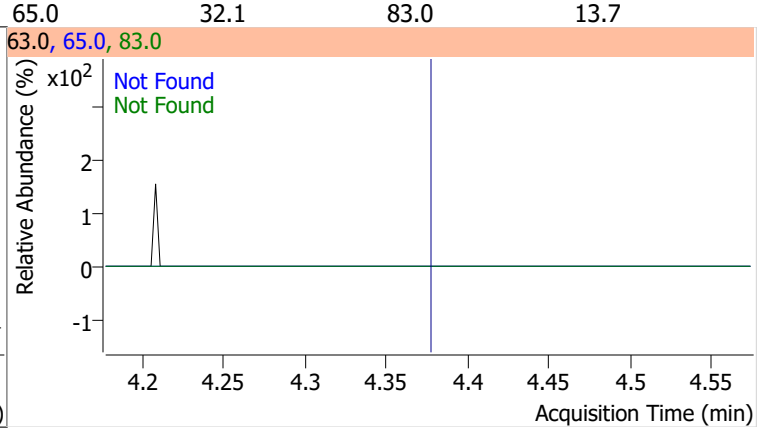
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



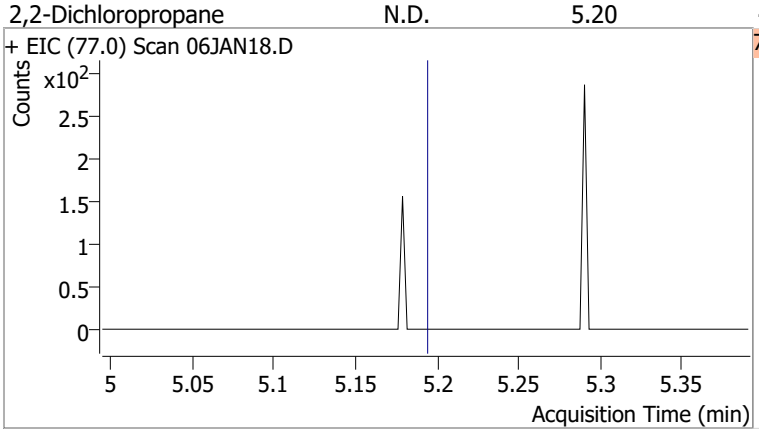


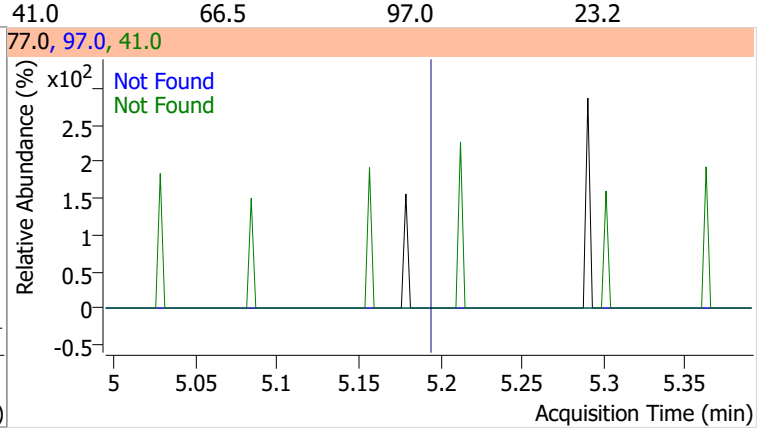
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



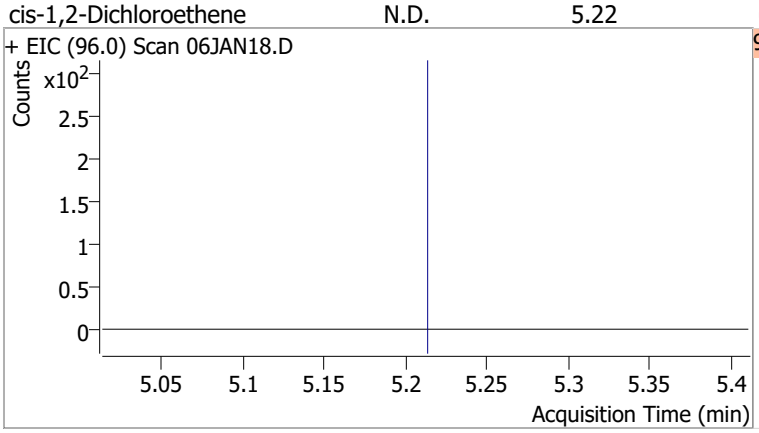


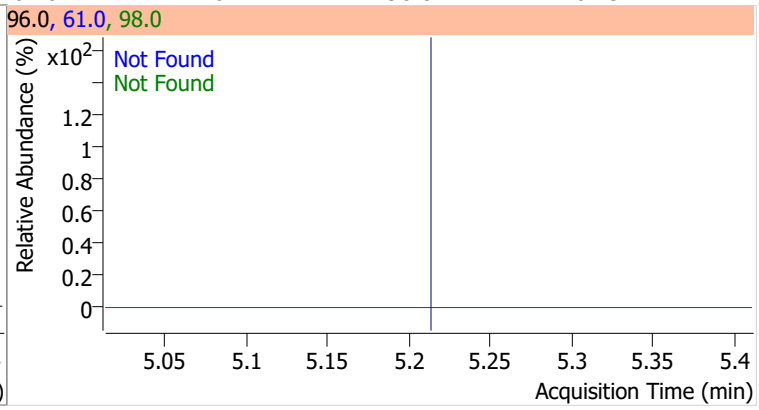
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



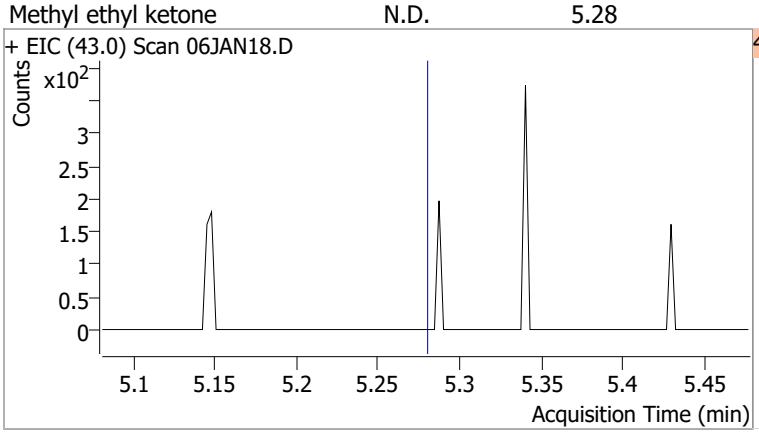


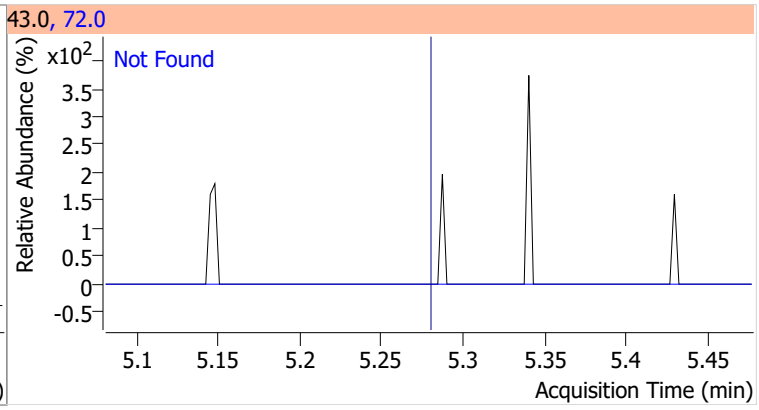
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



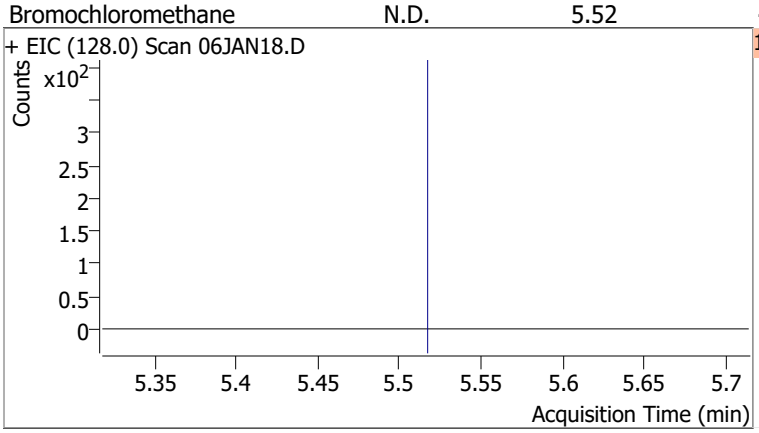


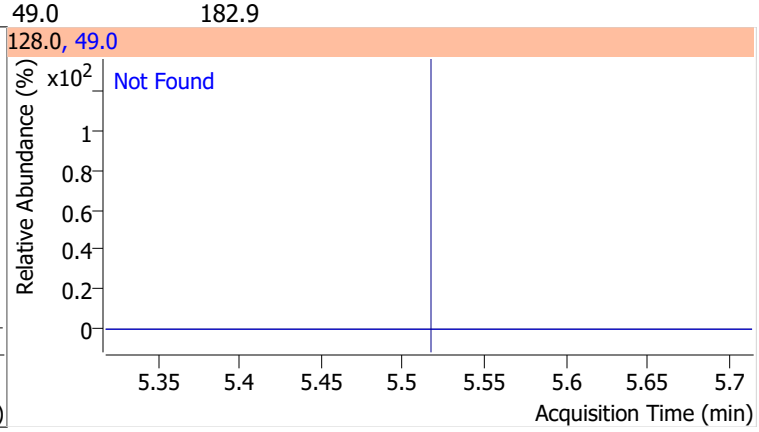
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



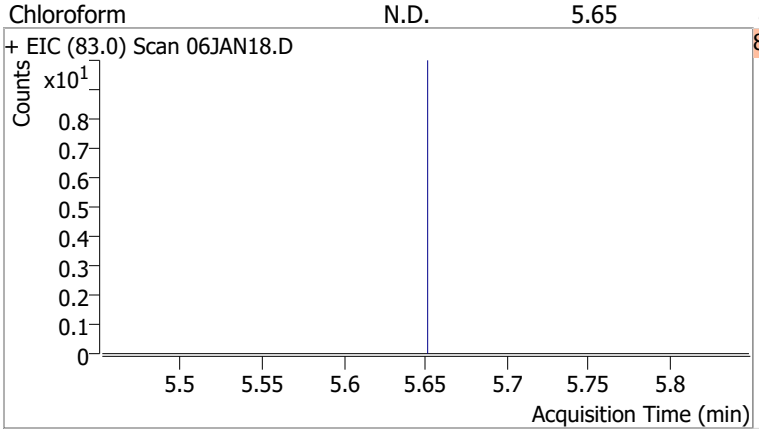


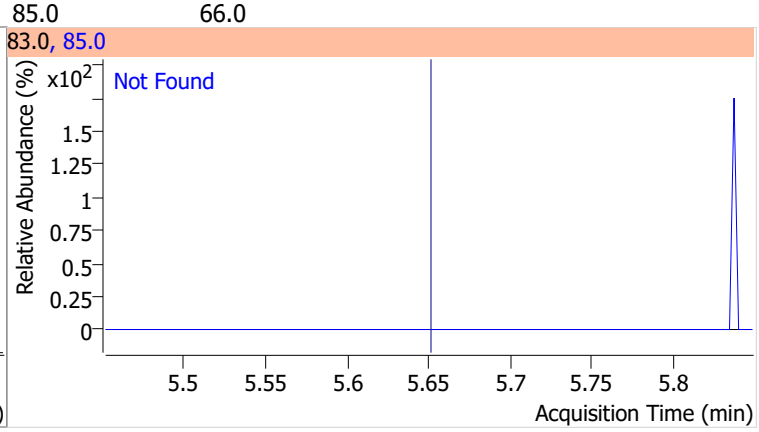
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9



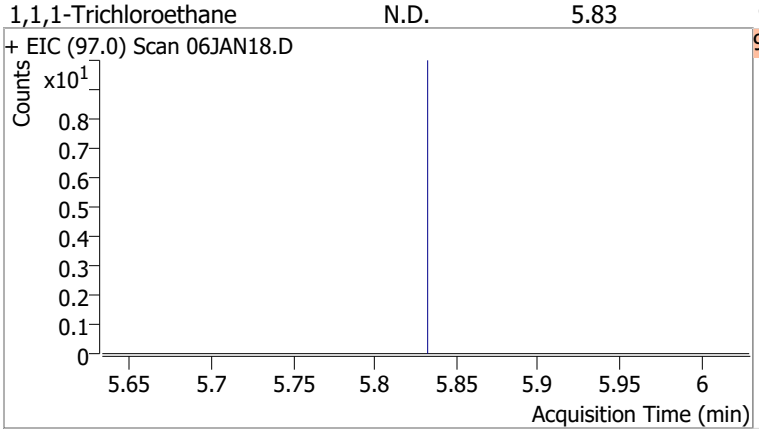


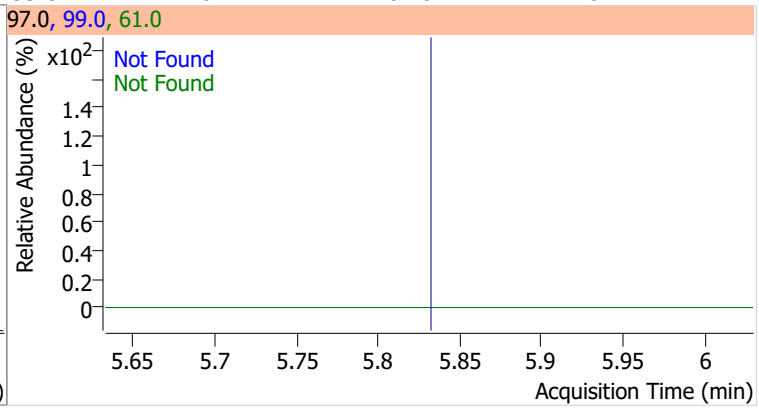
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.0



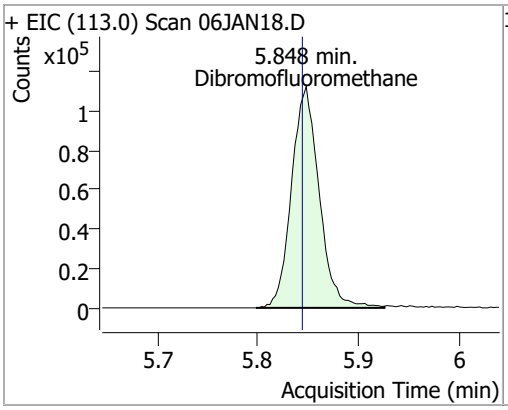


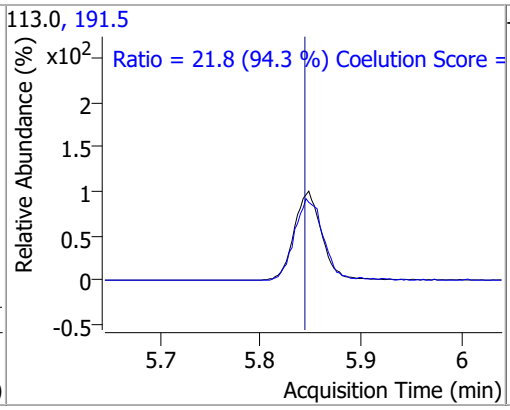
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

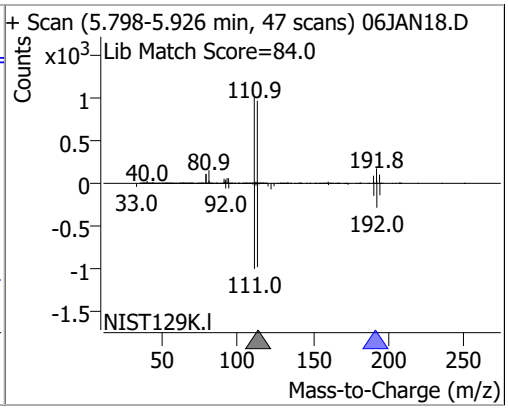




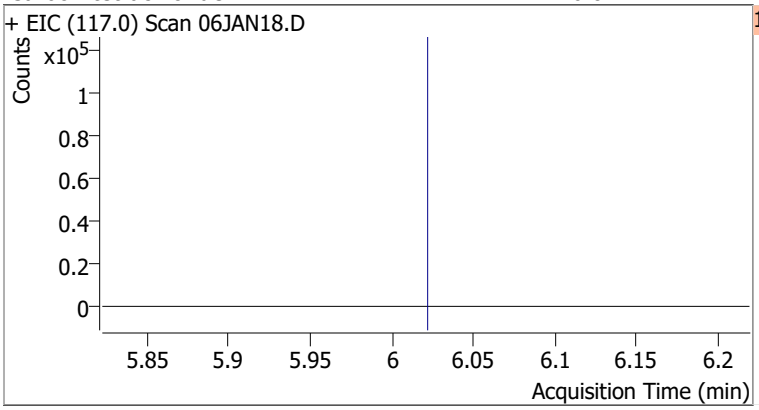
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	275.9569	5.85	0.00	214782	191.5	21.8	0.0	53.1

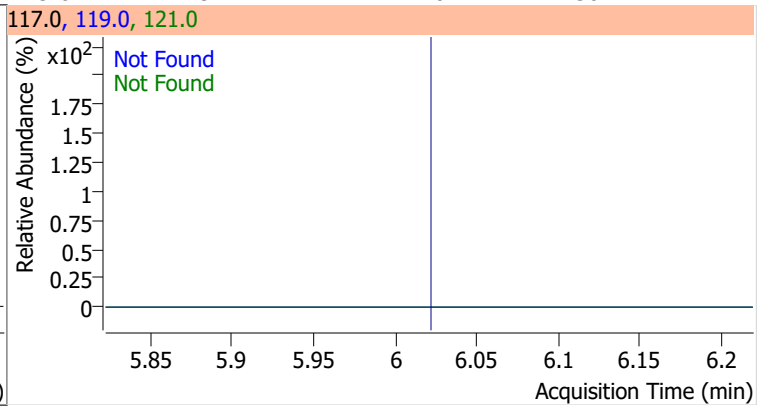




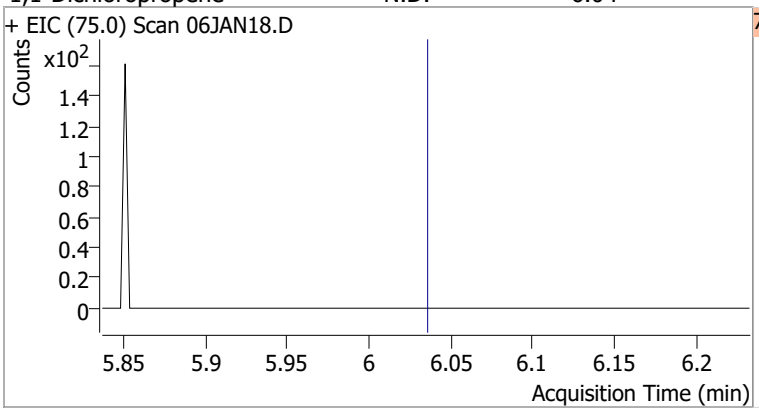


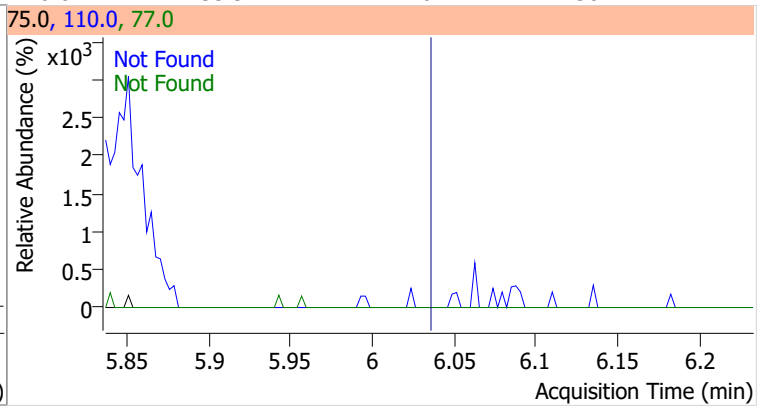
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



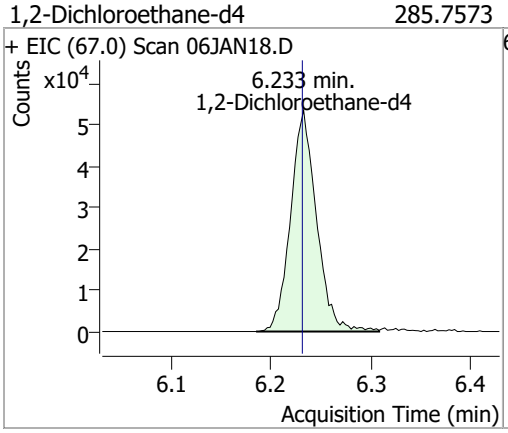


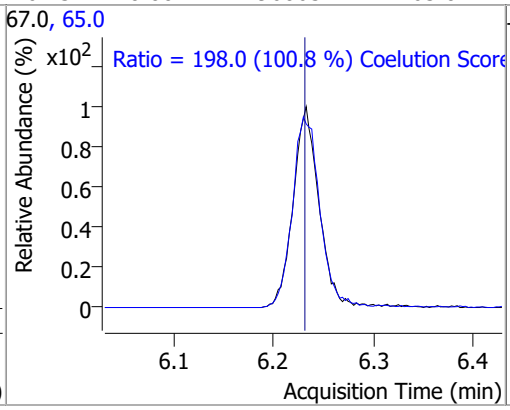
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

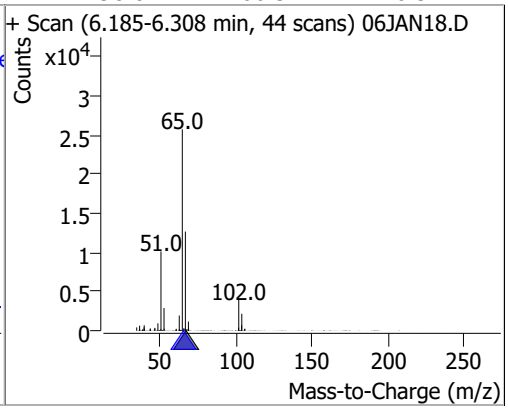




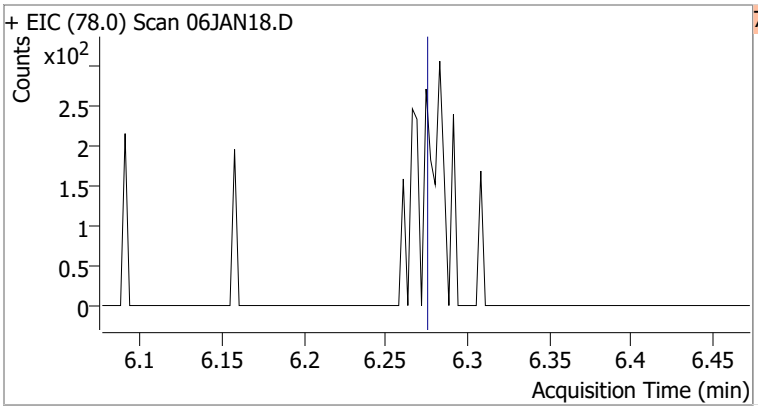
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	285.7573	6.23	0.00	96065	65.0	198.0	166.5	226.5

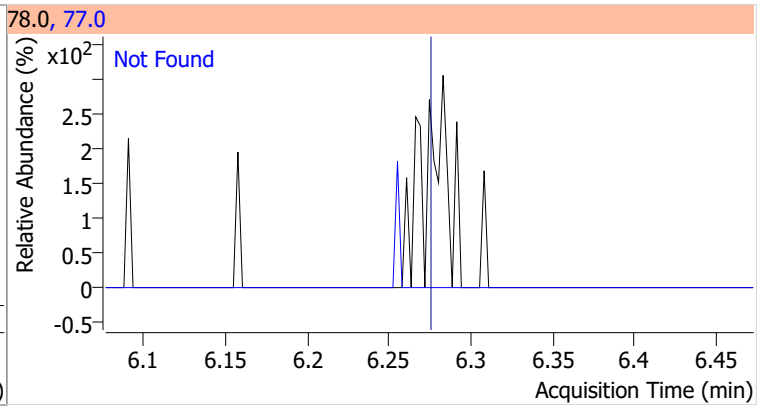




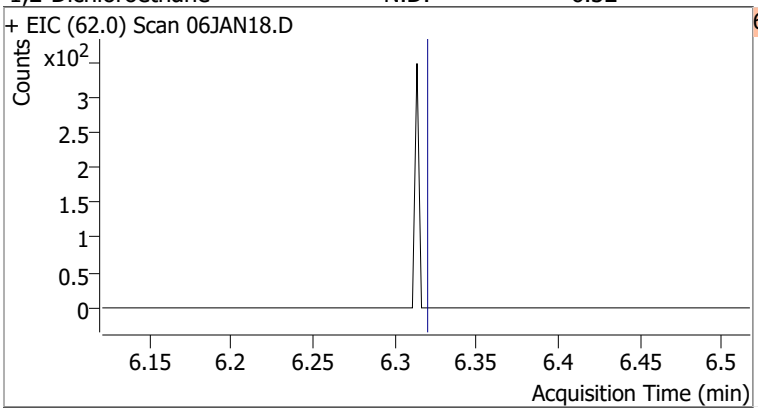


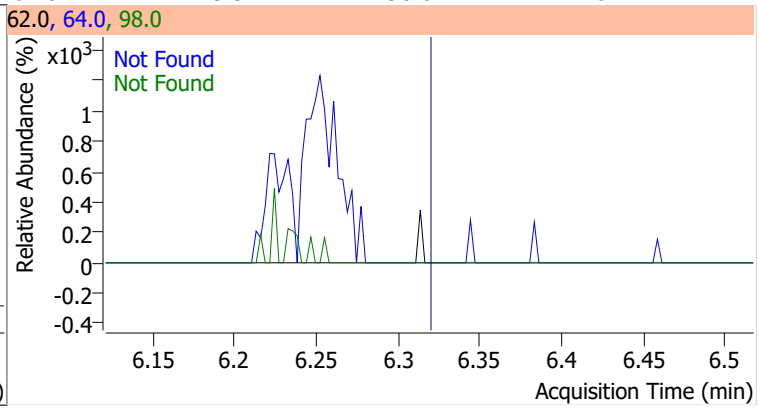
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



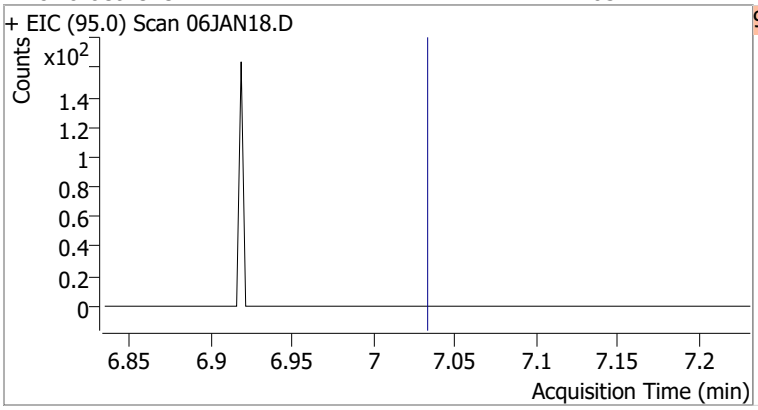


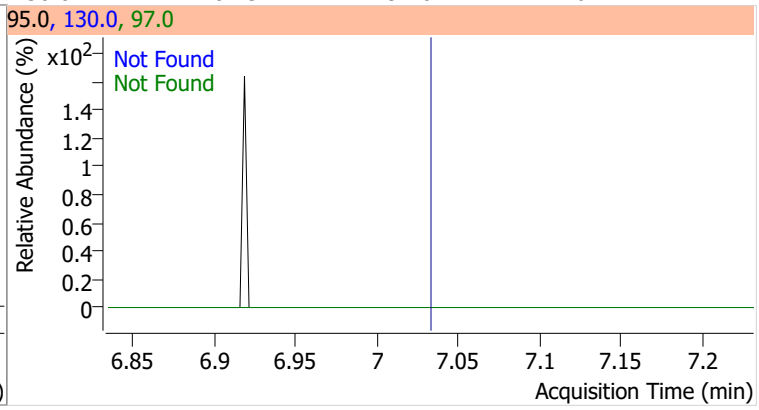
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



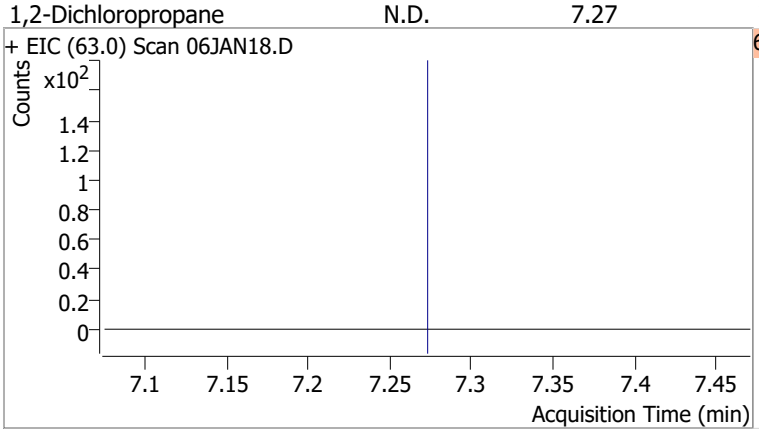


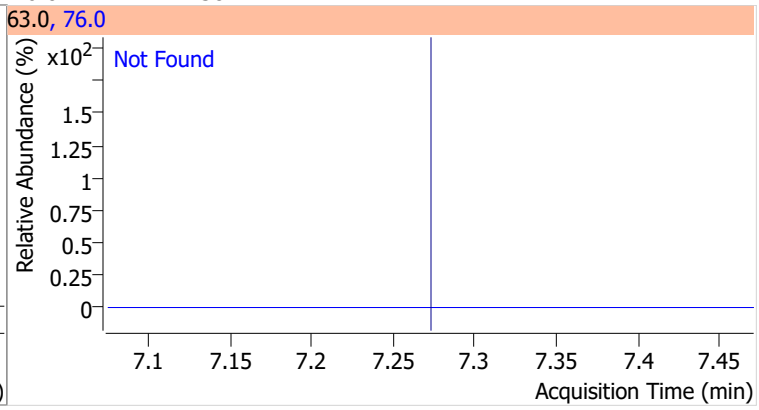
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



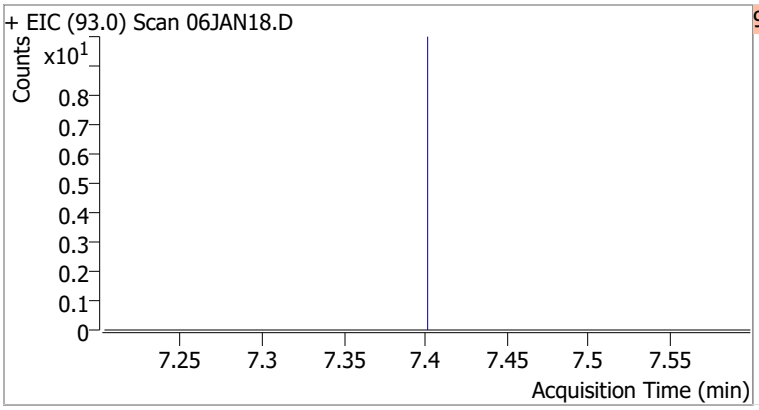


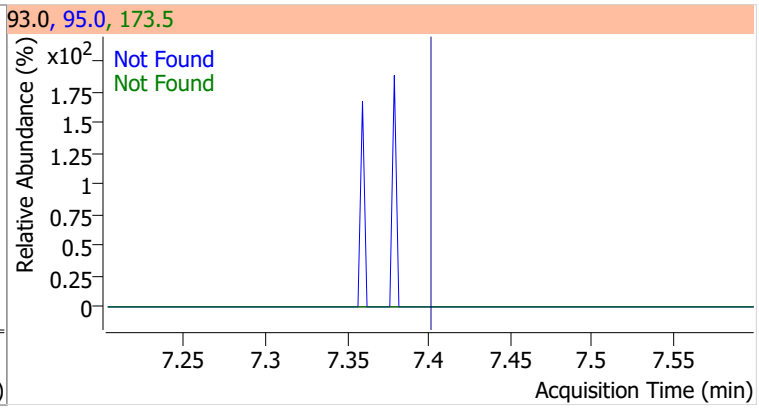
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



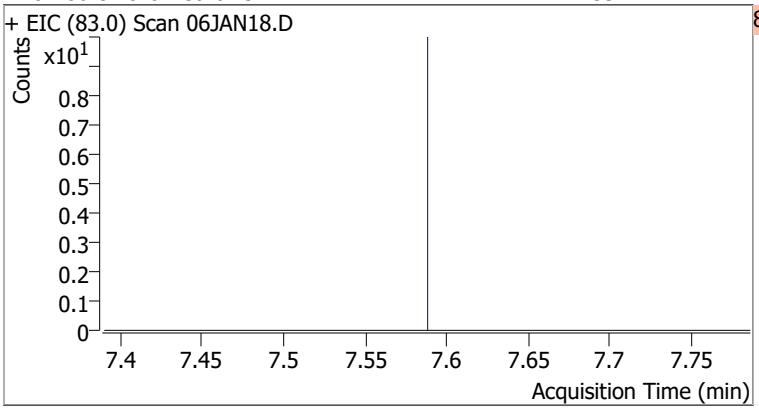


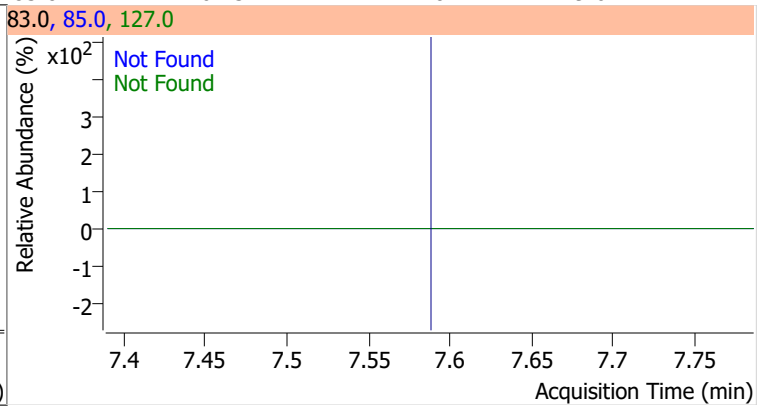
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



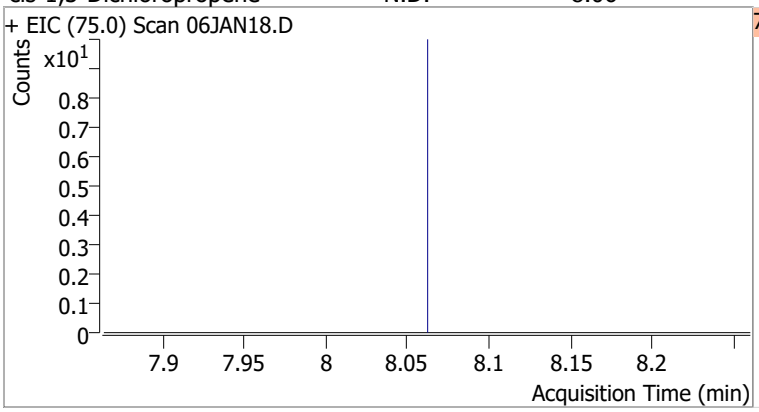


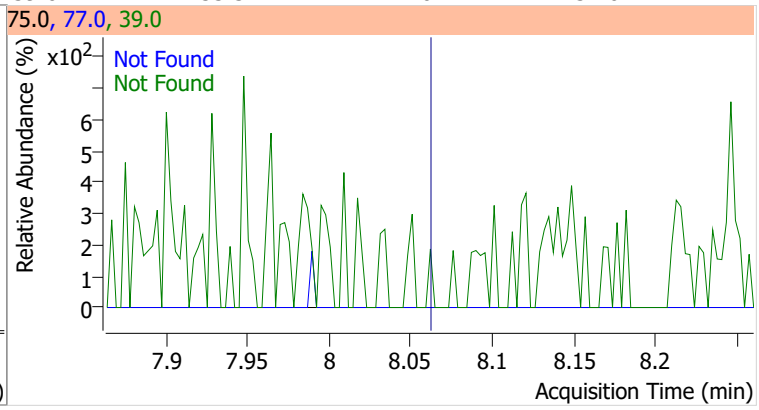
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



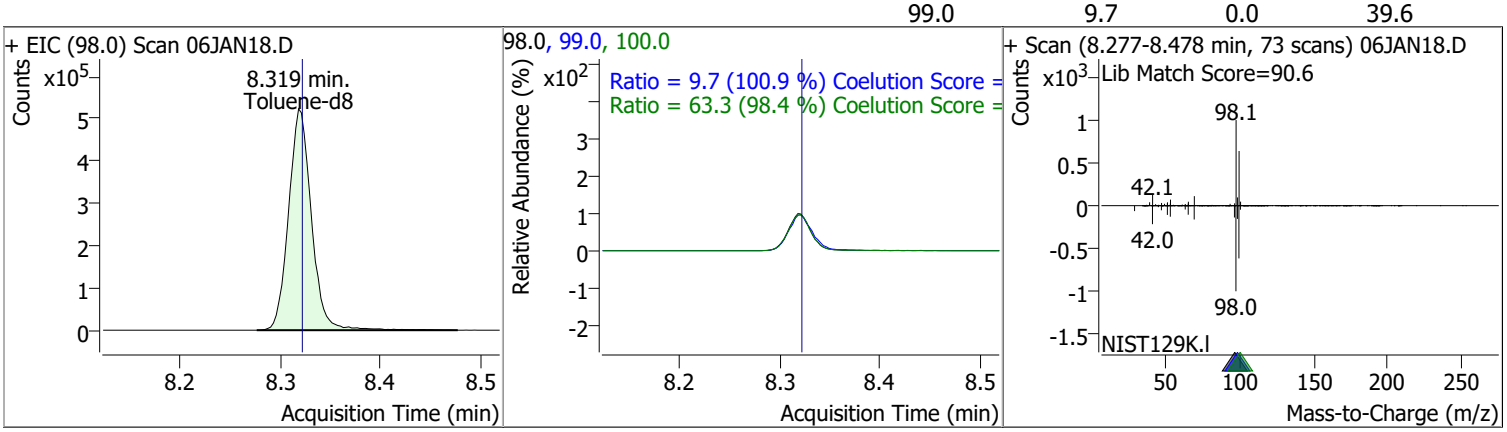


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

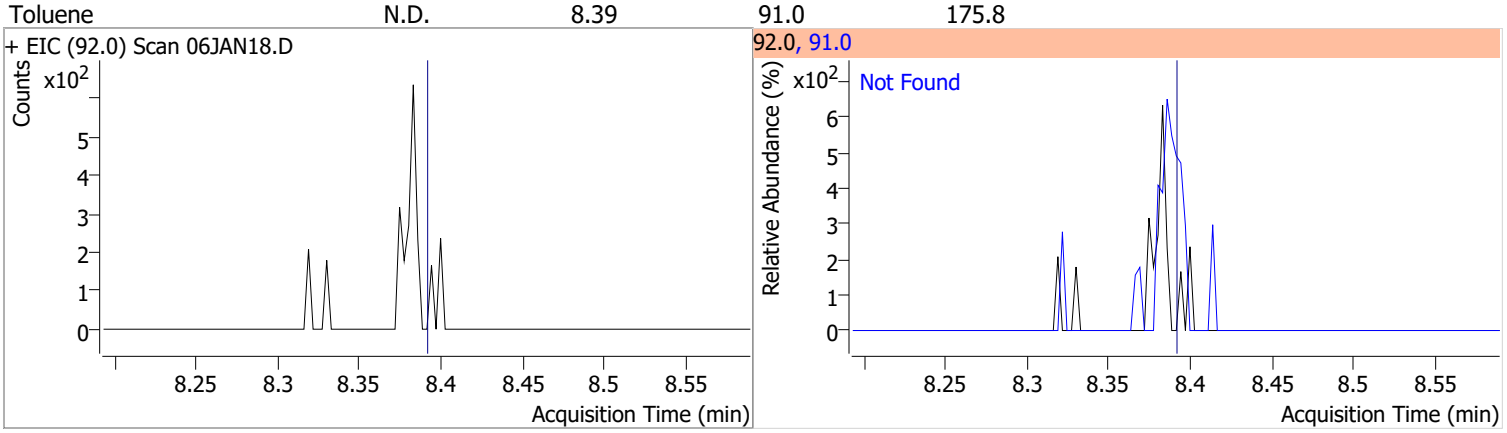




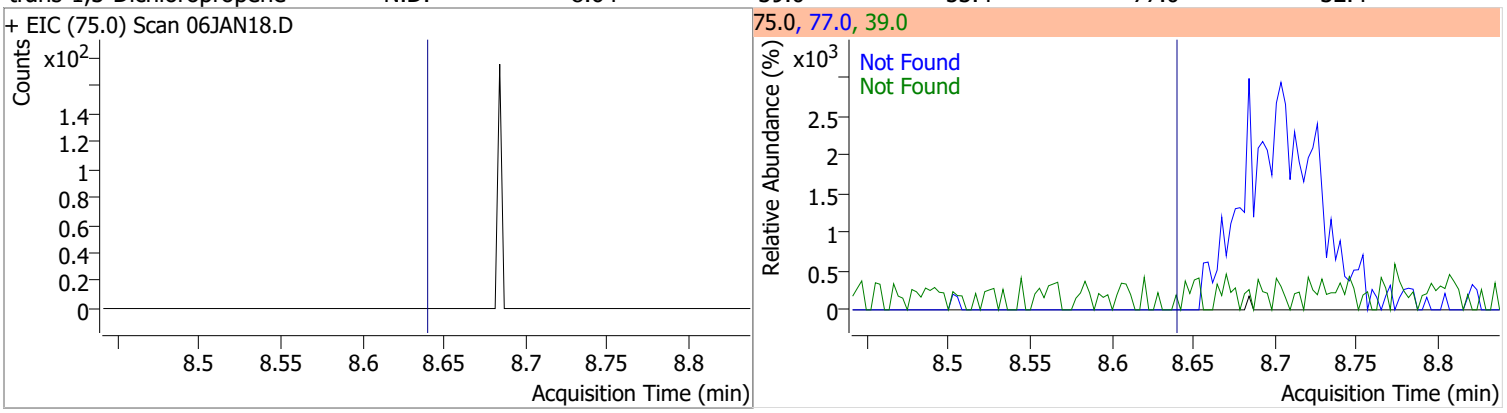
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	267.6907	8.32	0.00	827519	100.0	63.3	34.4	94.4
					99.0	9.7	0.0	39.6



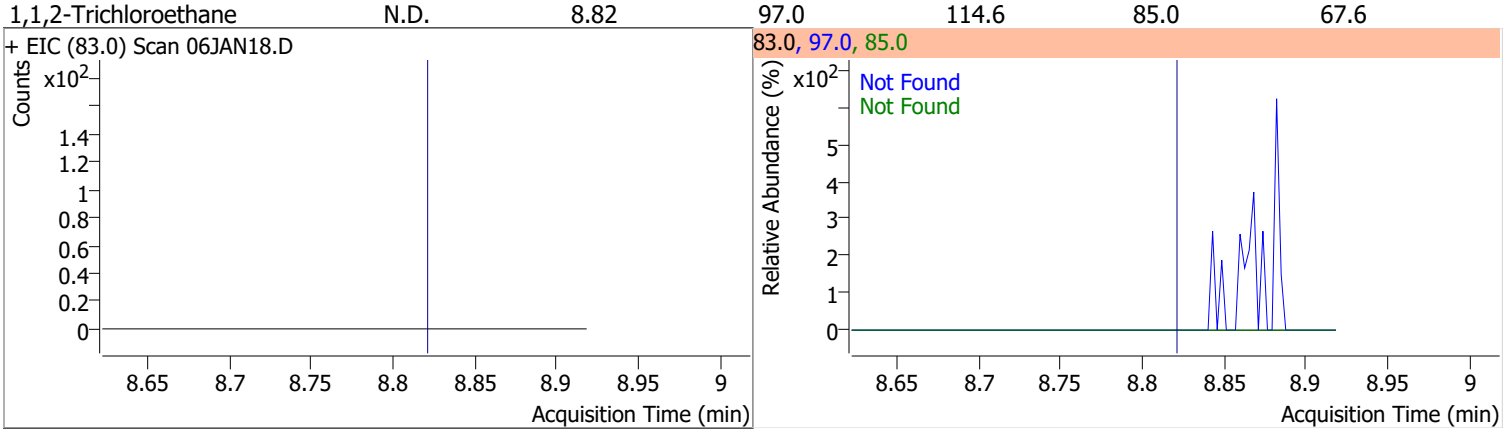
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	175.8



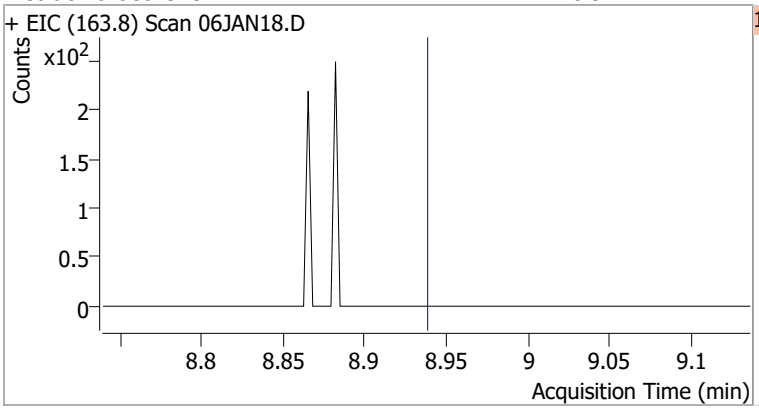
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

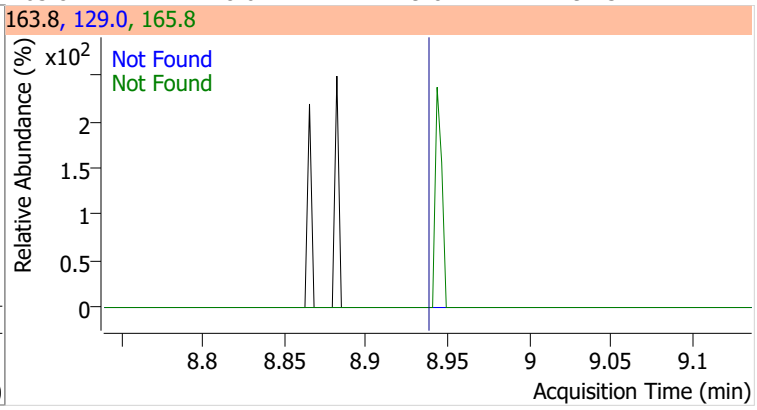


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

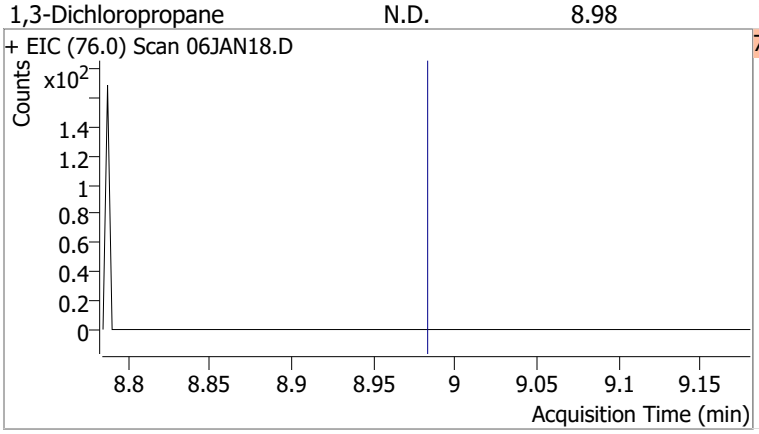


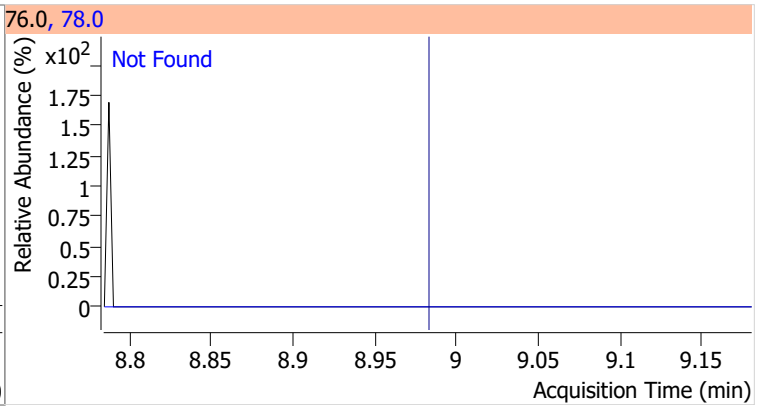
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



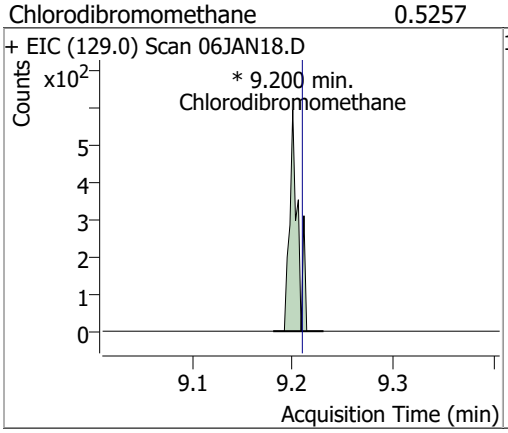


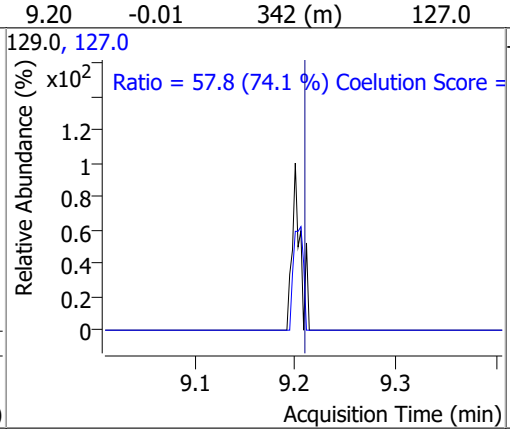
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9

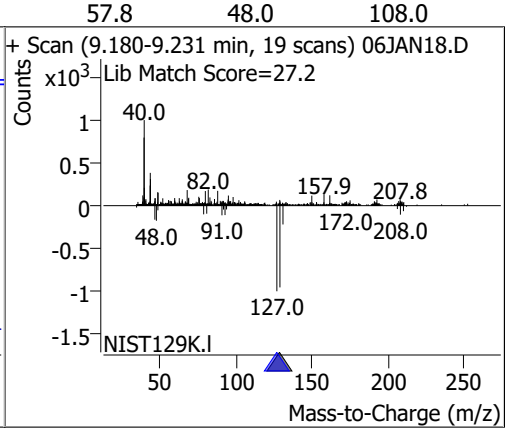




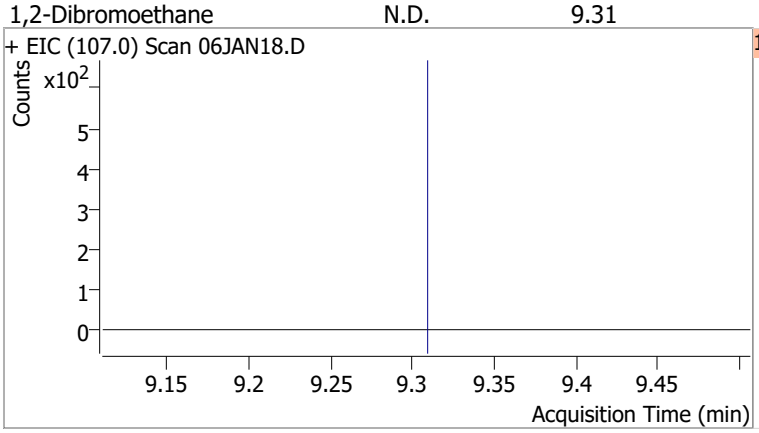
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	0.5257	9.20	-0.01	342 (m)	127.0	57.8	48.0	108.0

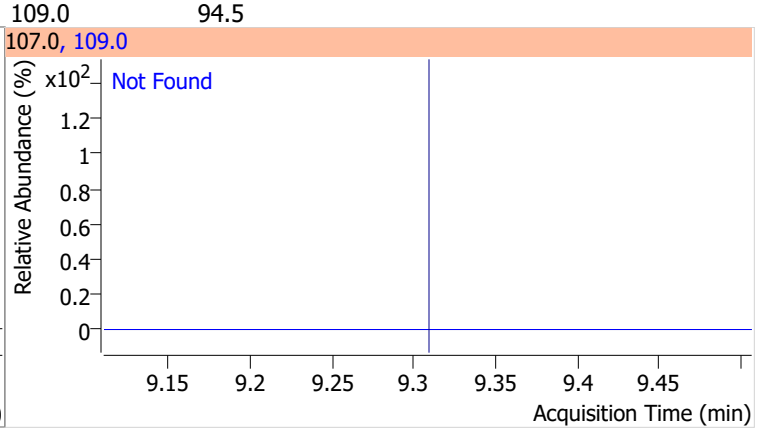




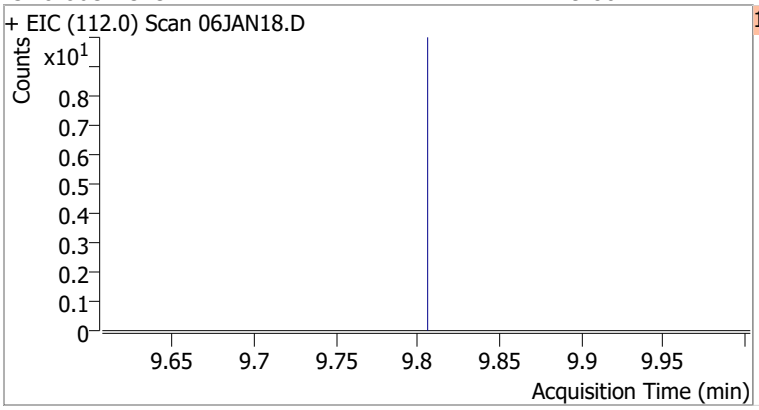


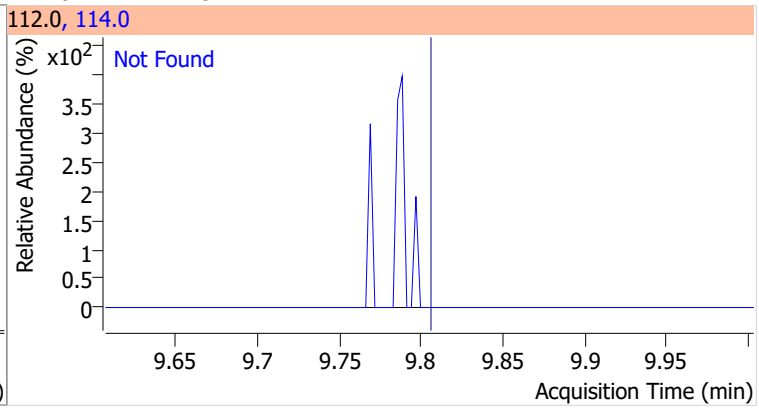
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



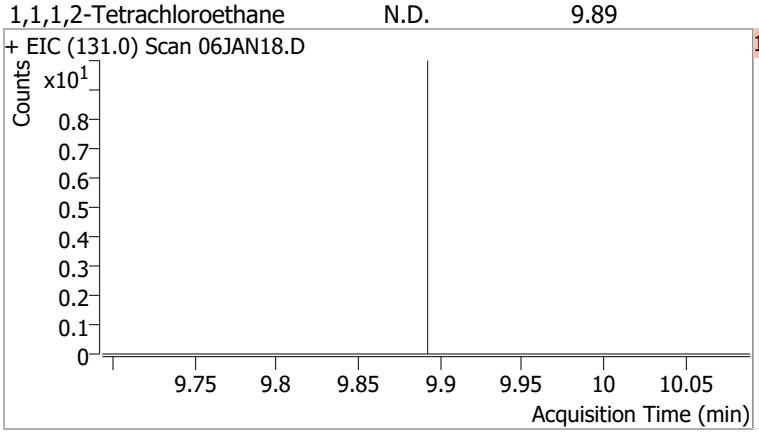


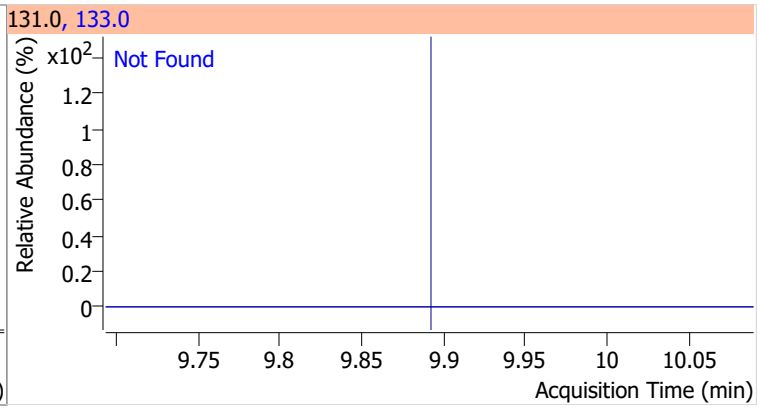
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



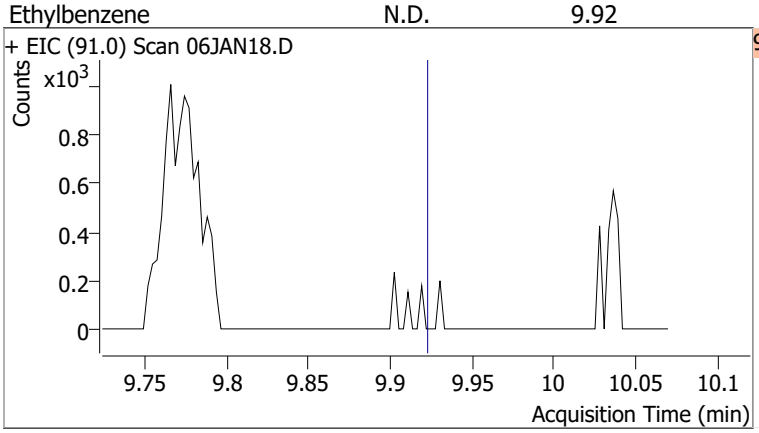


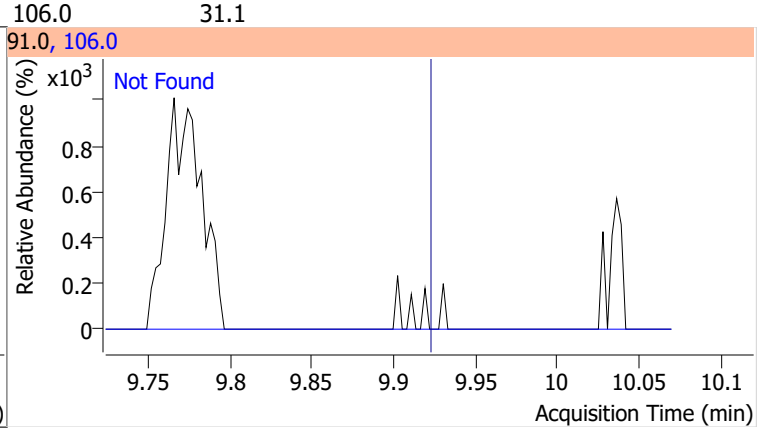
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



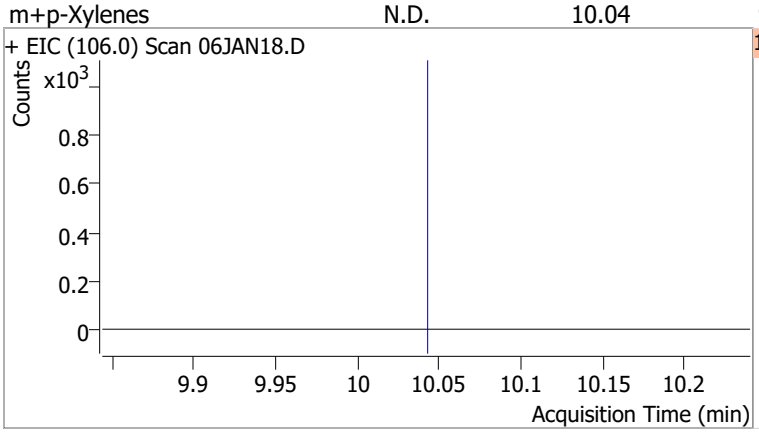


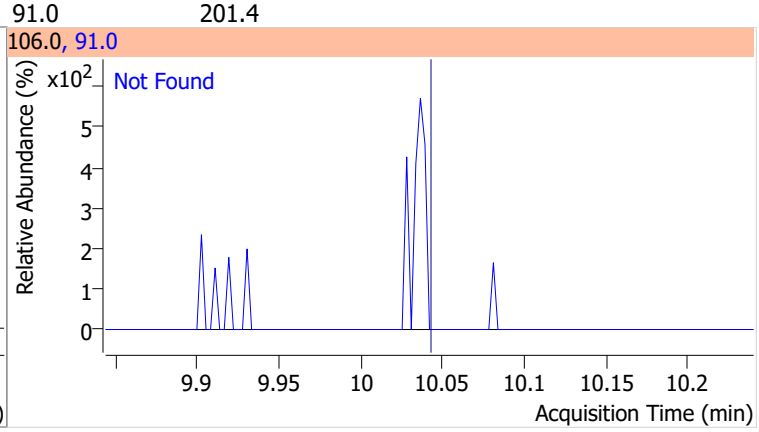
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



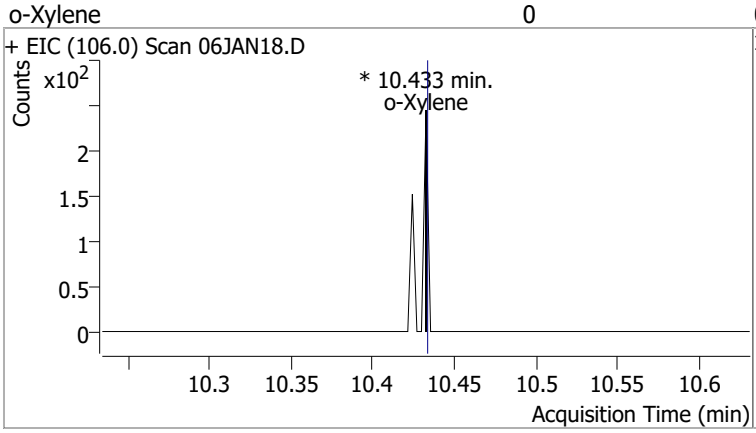


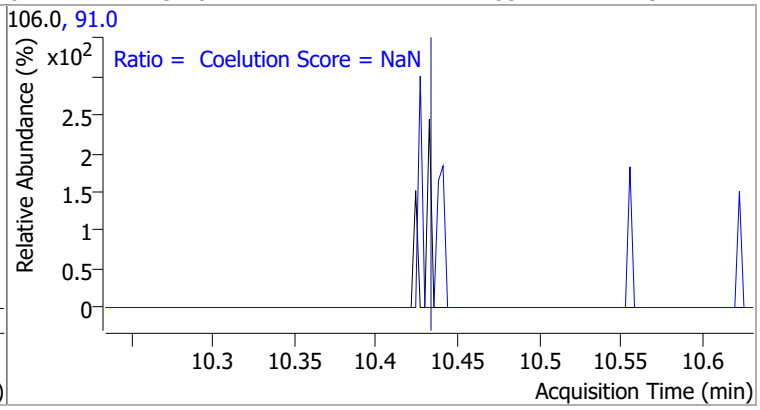
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	201.4



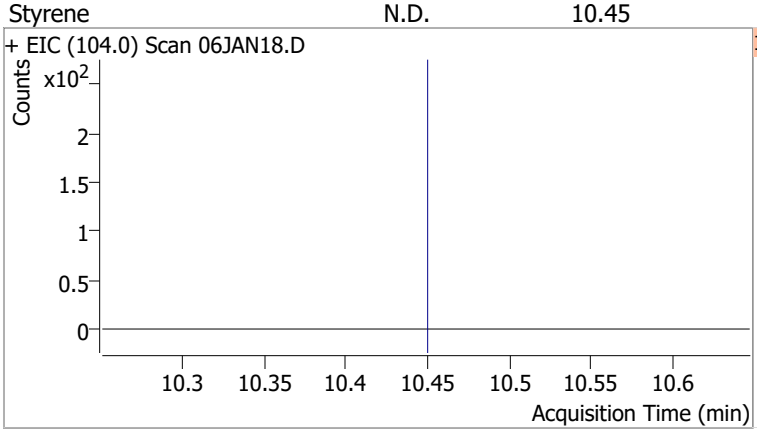


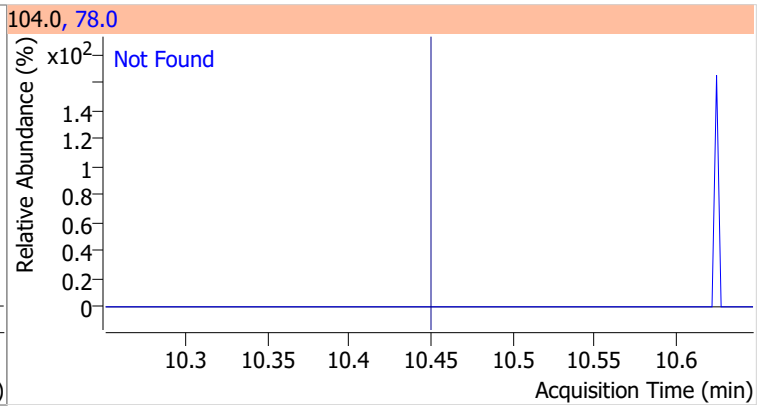
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene		0		0	91.0		183.1	243.1



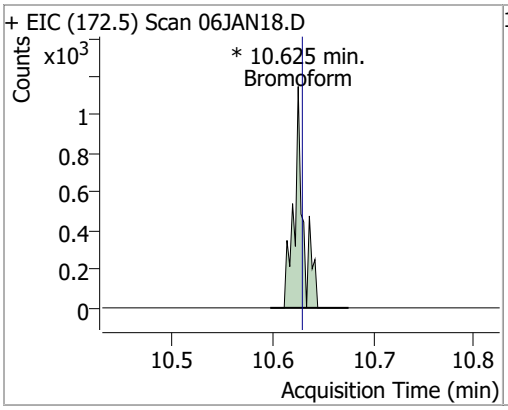


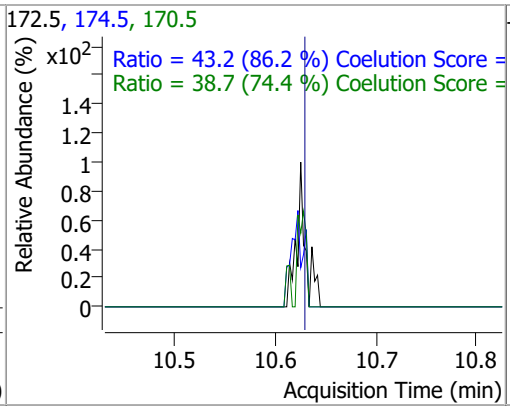
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6

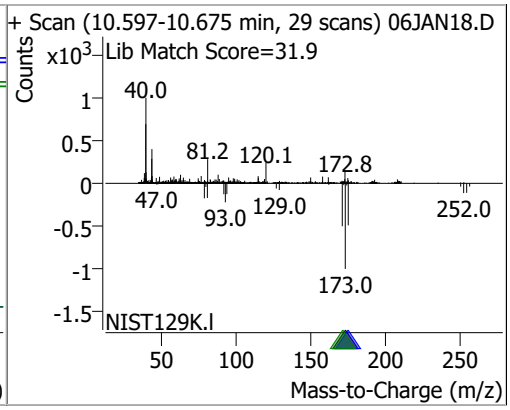




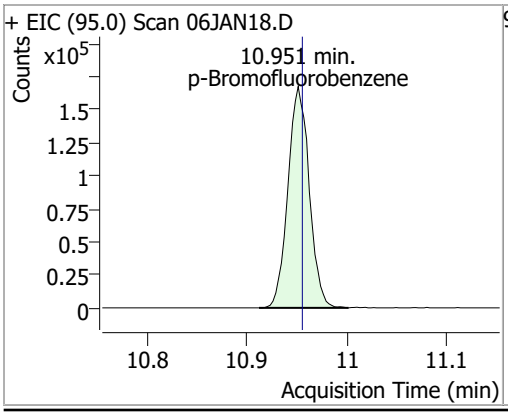
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	2.3298	10.62	0.00	742 (m)	170.5	38.7	22.1	82.1
					174.5	43.2	20.1	80.1

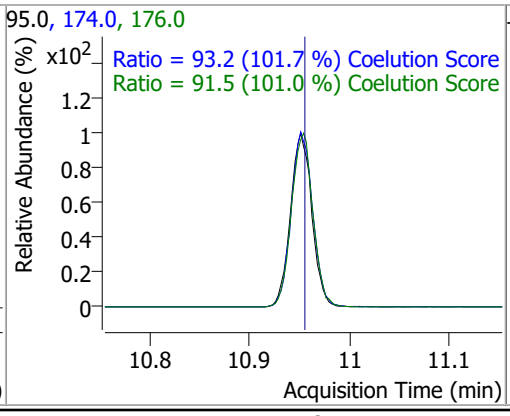


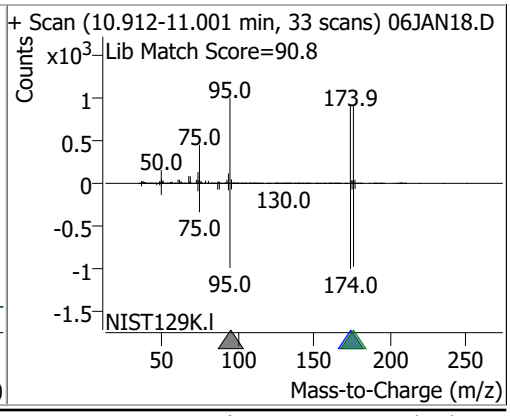




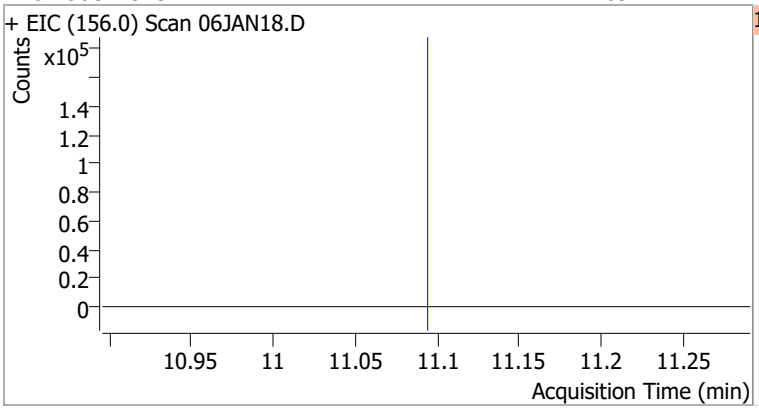
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	270.0884	10.95	0.00	246342	174.0	93.2	61.7	121.7
					176.0	91.5	60.6	120.6

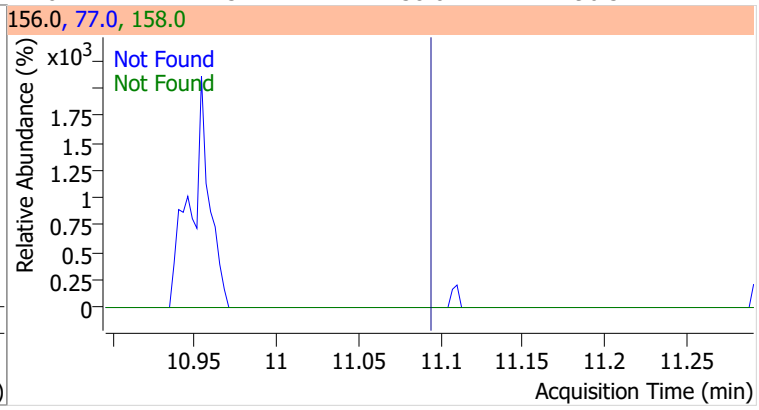




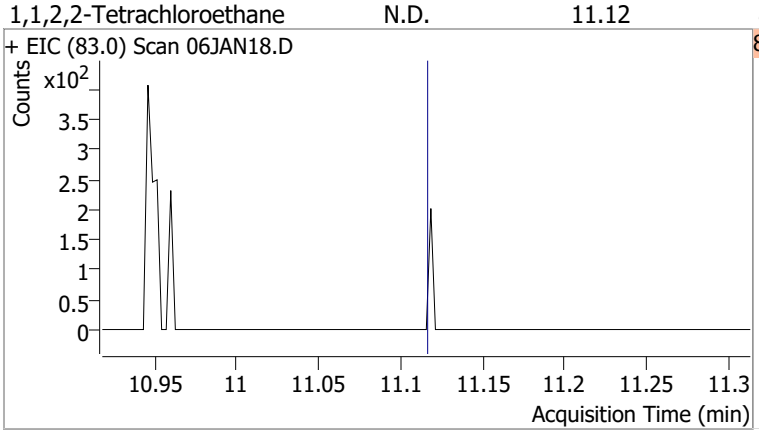


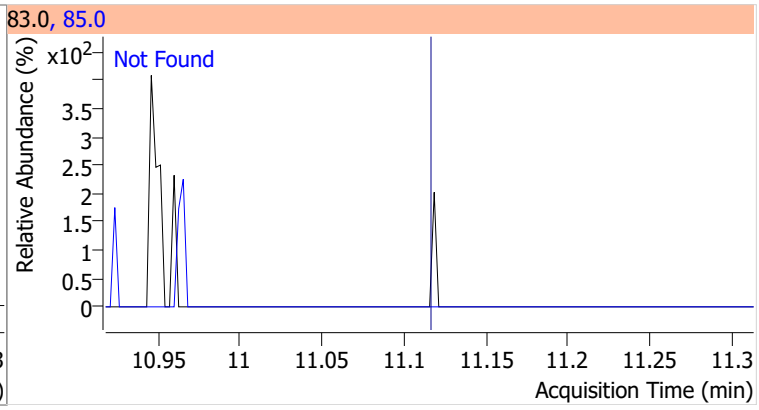
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



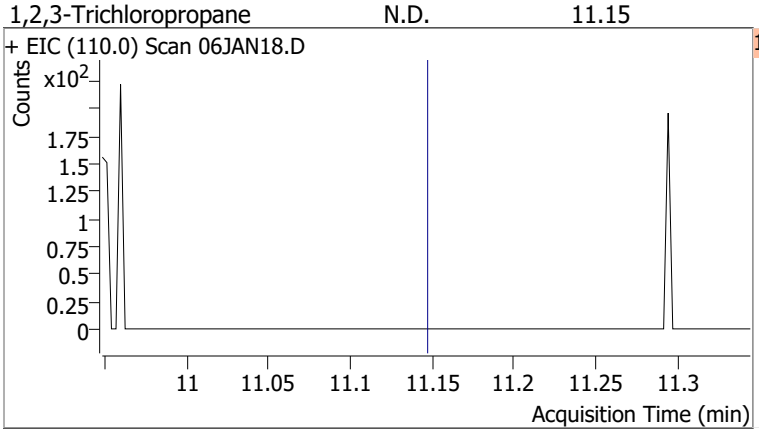


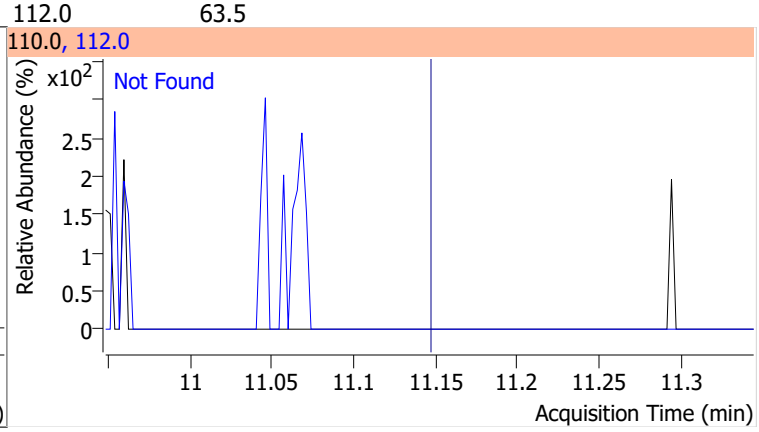
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



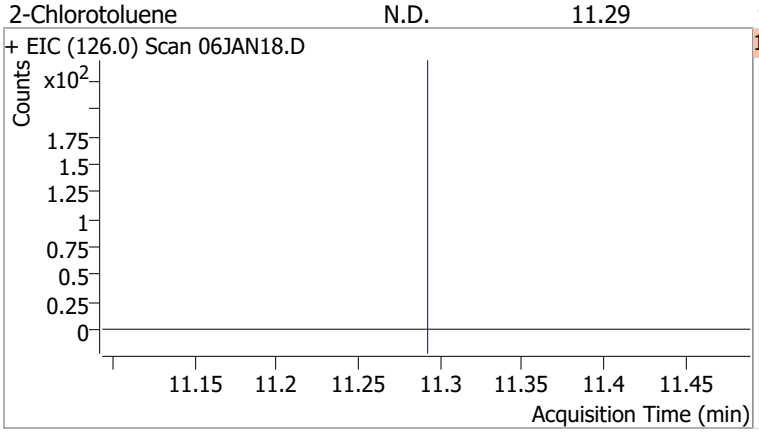


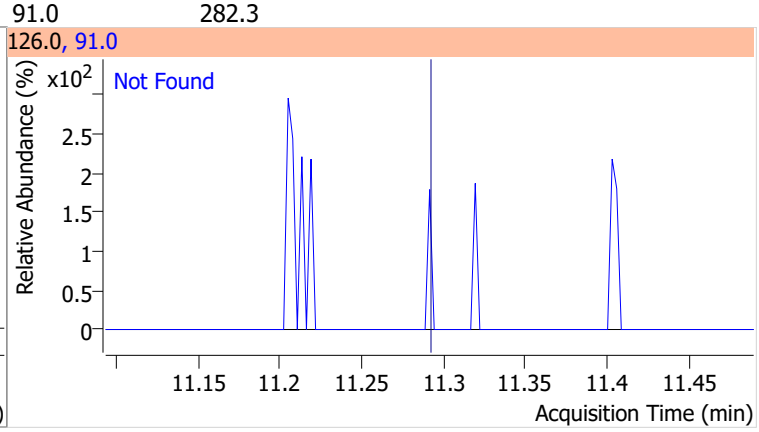
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



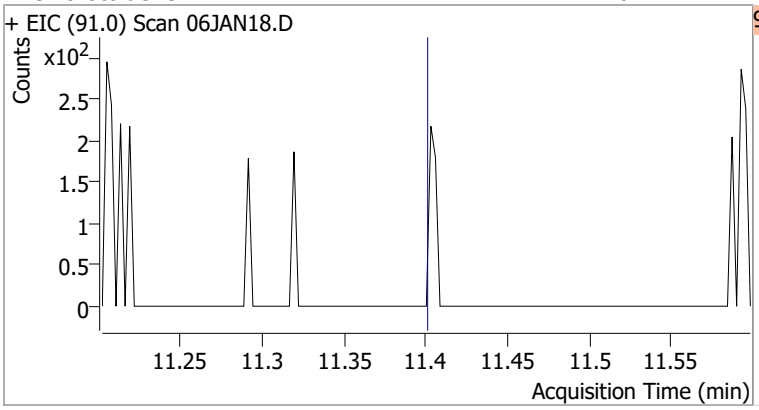


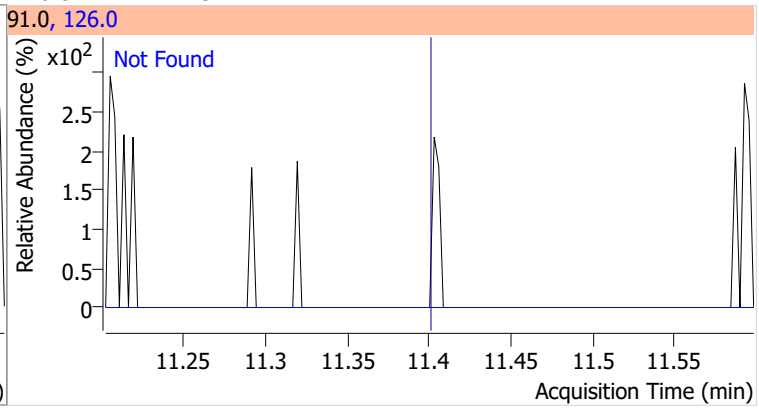
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



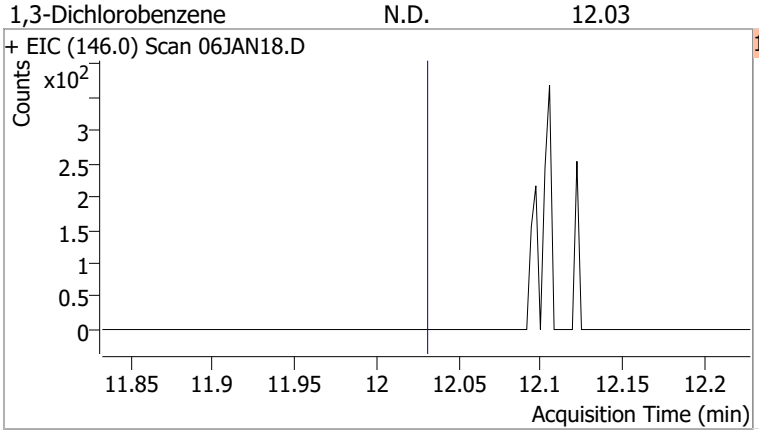


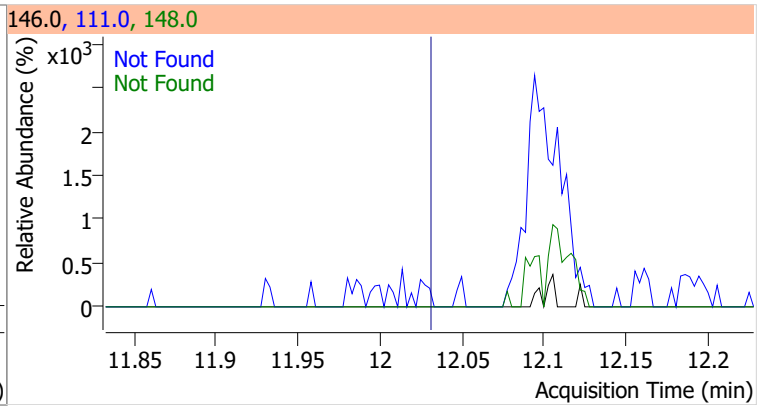
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



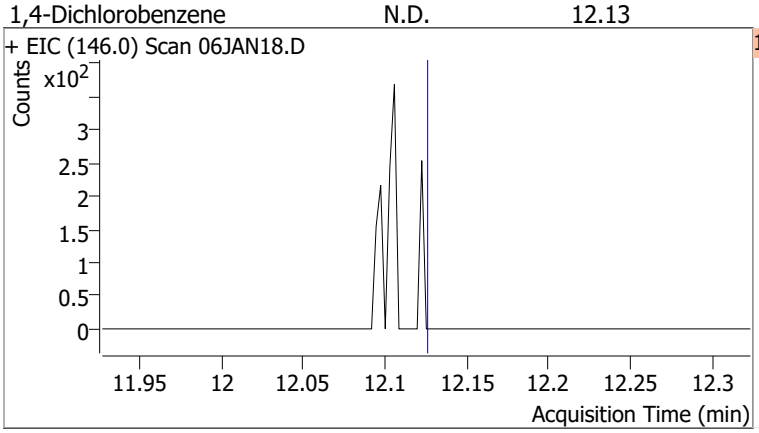


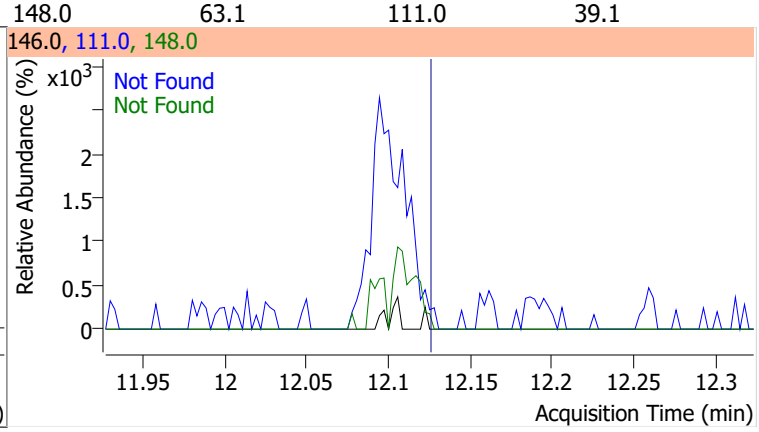
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



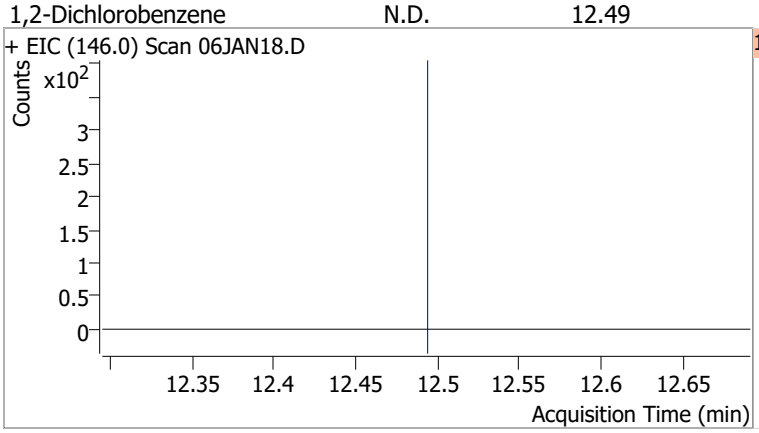


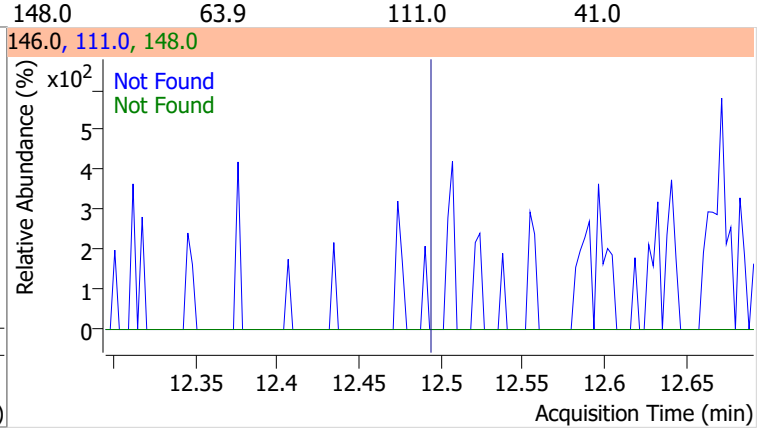
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





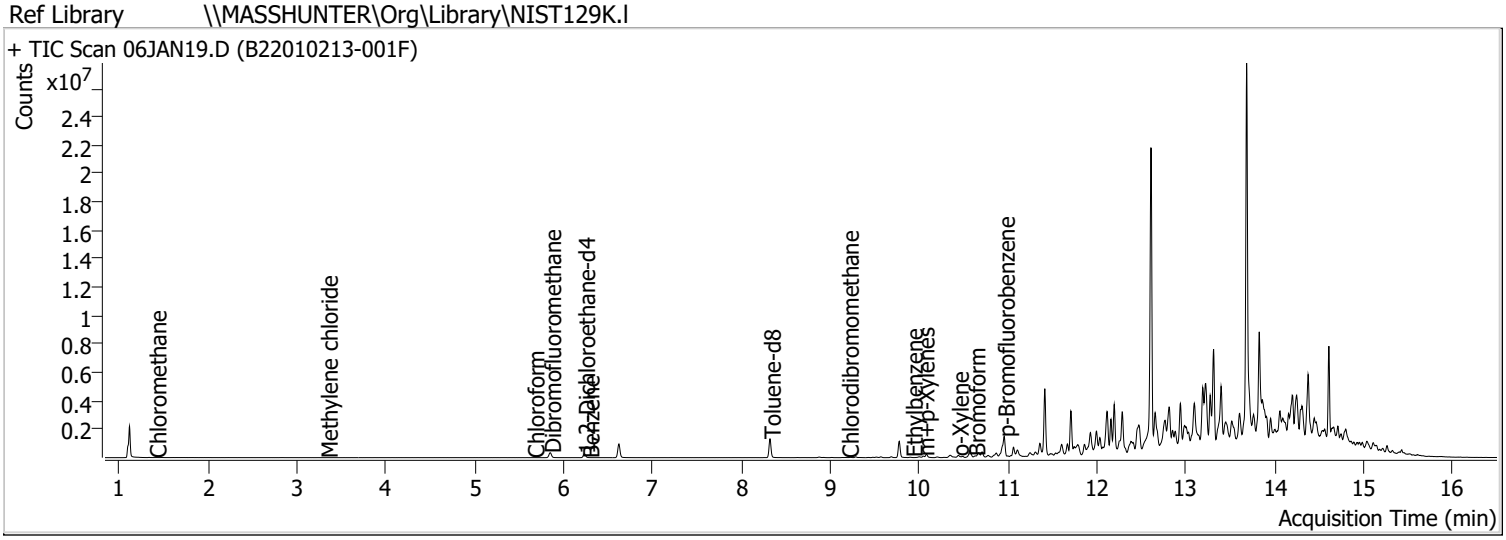
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN19.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 6:05:47 PM
Sample Name	B22010213-001F	Instrument	VOA5975C
Vial	19	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

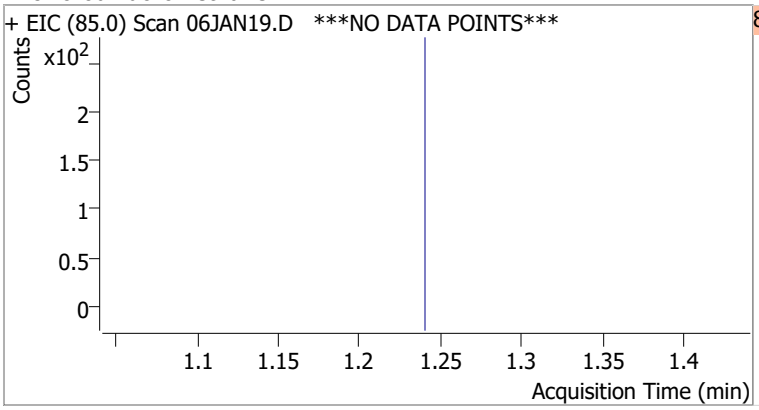


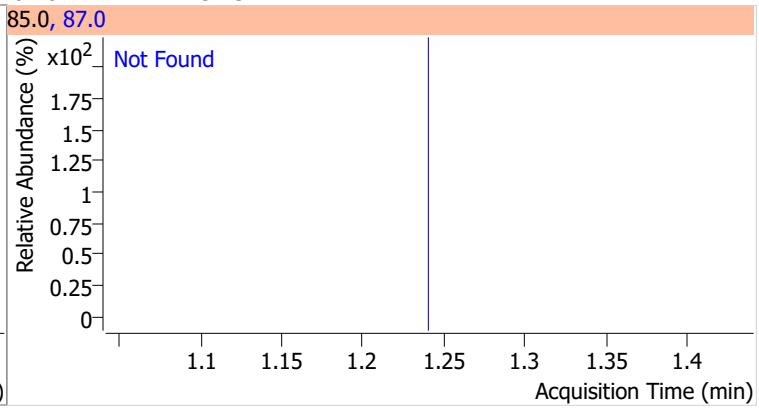
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	806084	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	316671	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	253937	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	217518	286.4292	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 114.57%			
S 1,2-Dichloroethane-d4	6.230	67.0	95691	291.7305	ng		-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 116.69%			
S Toluene-d8	8.319	98.0	796424	260.9854	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.39%			
S p-Bromofluorobenzene	10.951	95.0	259610	279.0601	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 111.62%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.408	50.0	1230	0.9597	ng	m	69
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.335	49.0	783	0.6542	ng	m	84
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.661	83.0	1591	1.0365	ng	m	98

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.280	78.0	615	0.1916	ng	m	73
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.383	92.0	0		ng	md	1
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	9.197	129.0	1441	2.2450	ng	m	97
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.917	91.0	1728	0.4415	ng	m	72
T m+p-Xylenes	10.045	106.0	1703	1.1195	ng	m	87
T o-Xylene	10.432	106.0	5784	4.2715	ng		92
T Styrene	0.000		0	N.D.			
T Bromoform	10.619	172.5	2397	7.3778	ng	m	99
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	11.105	83.0	0		ng	md	1
T 1,2,3-Trichloropropane	11.146	110.0	0		ng	md	1
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	11.395	91.0	0		ng	md	1
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

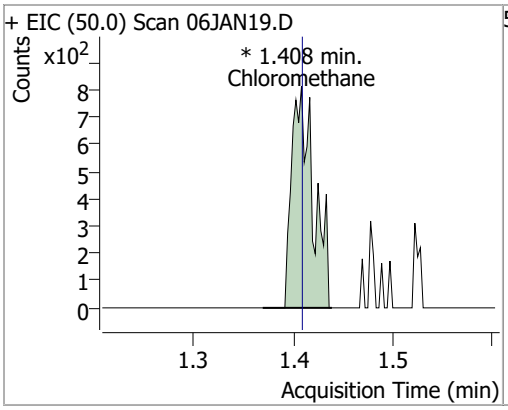
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

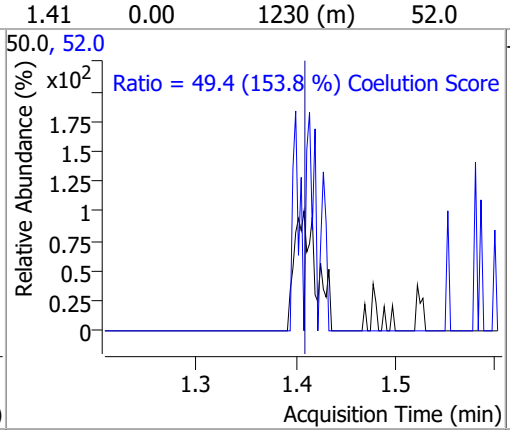
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

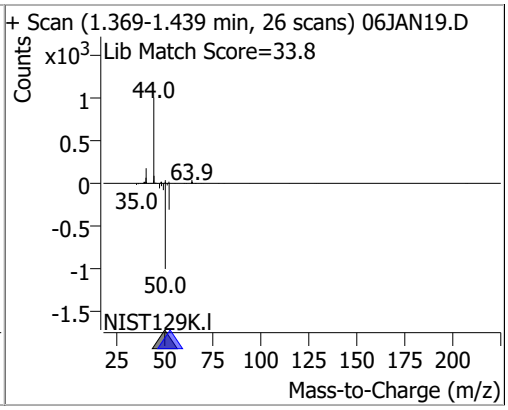




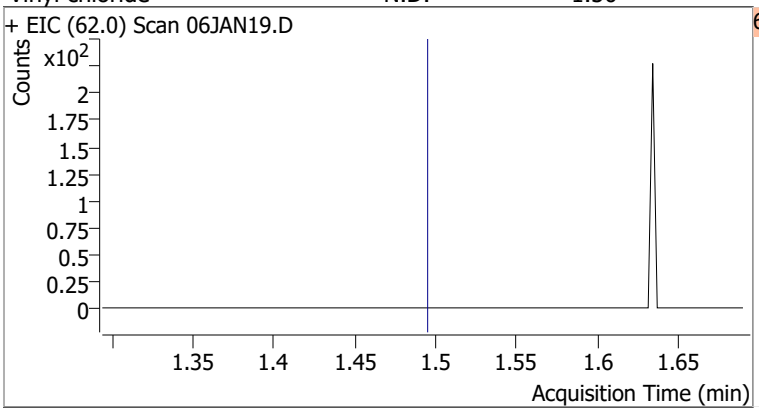
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.9597	1.41	0.00	1230 (m)	52.0	49.4	2.1	62.1

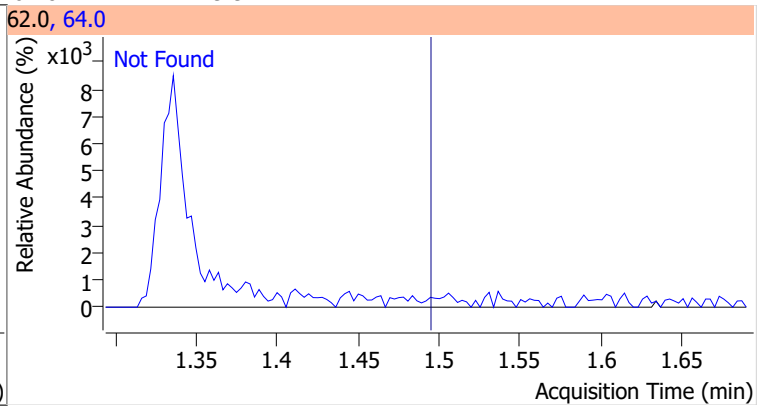




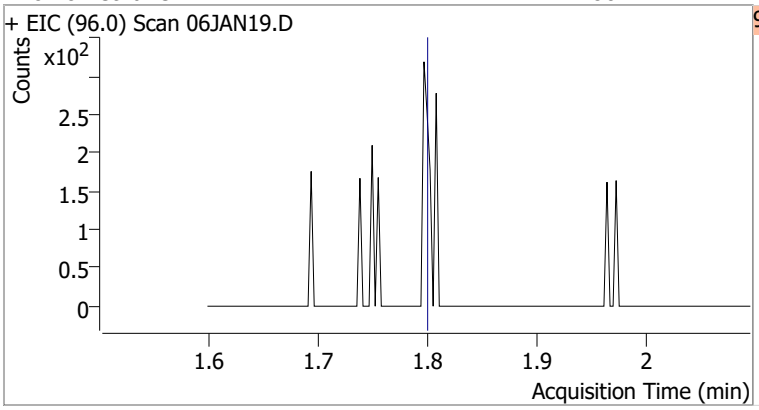


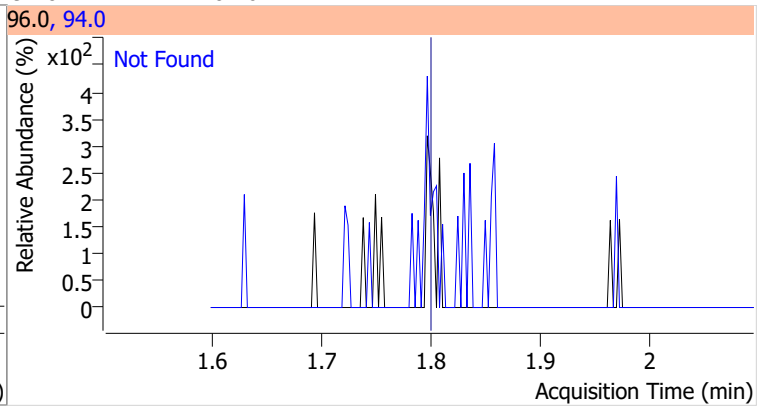
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



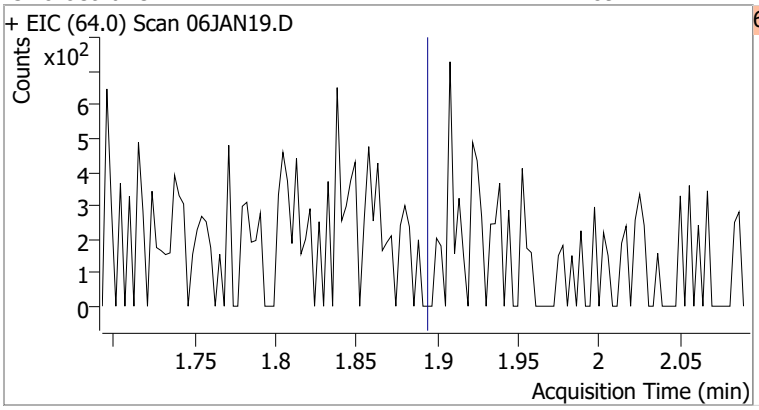


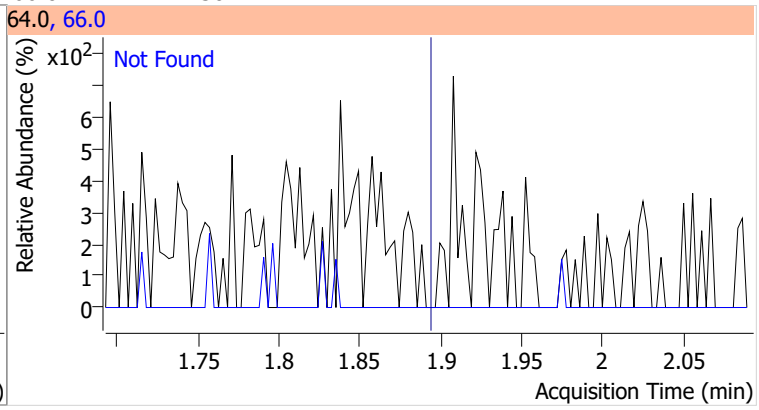
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



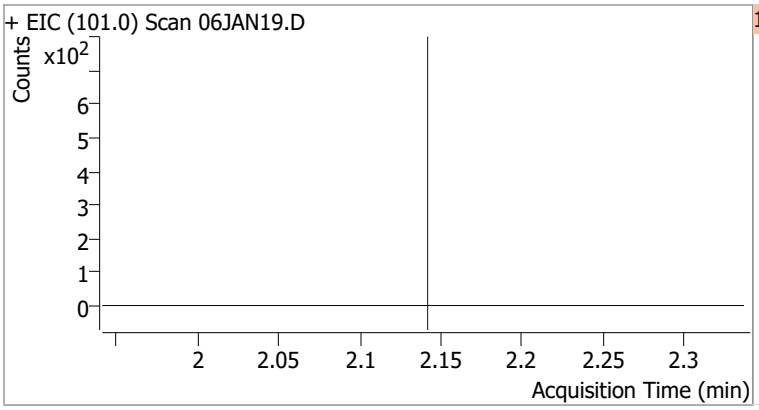


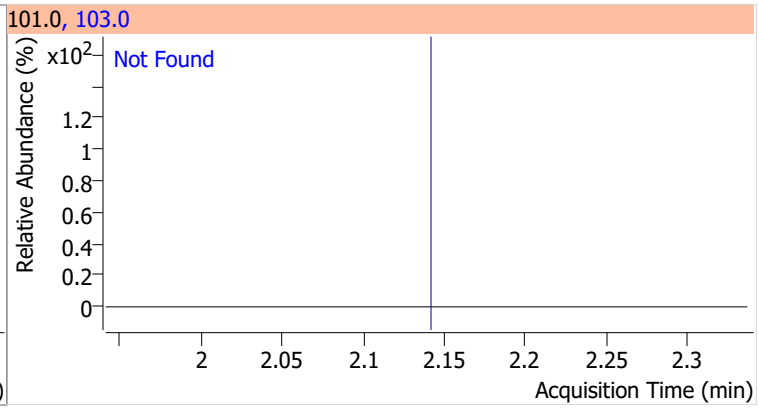
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



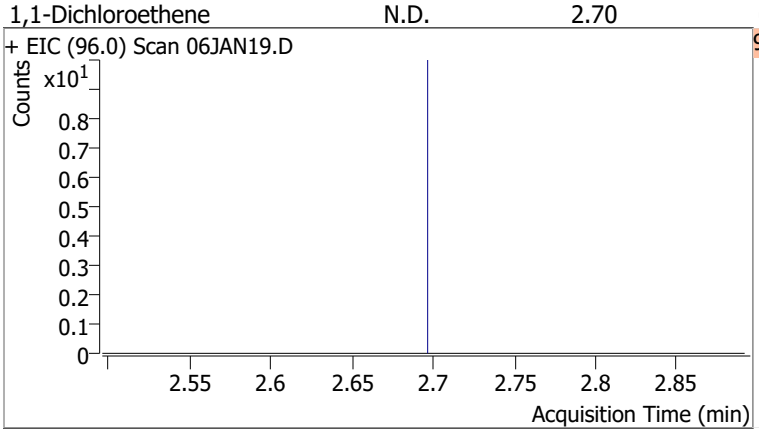


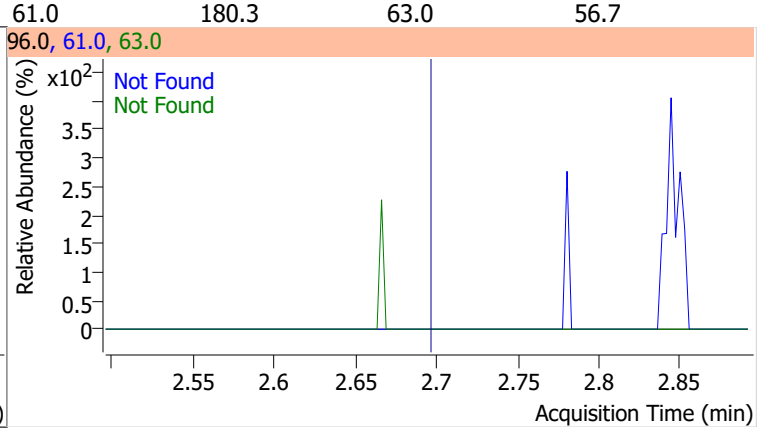
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



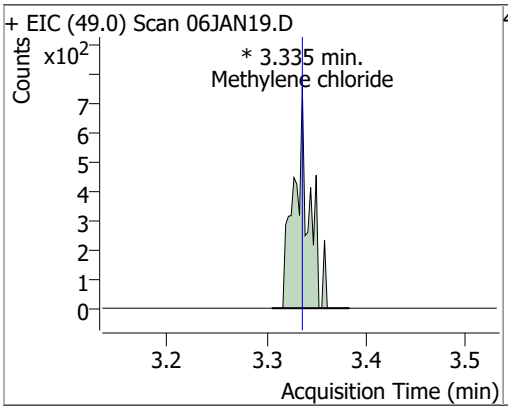


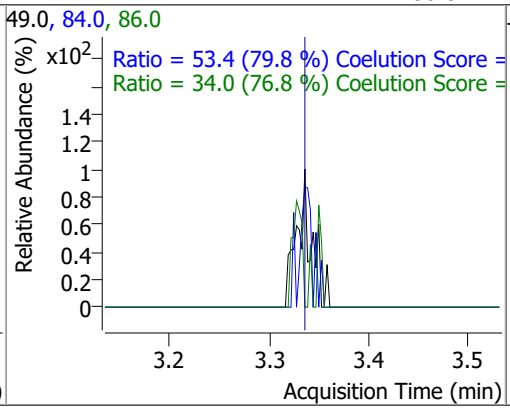
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

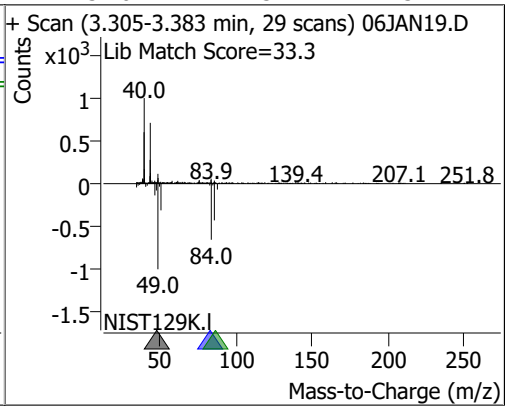




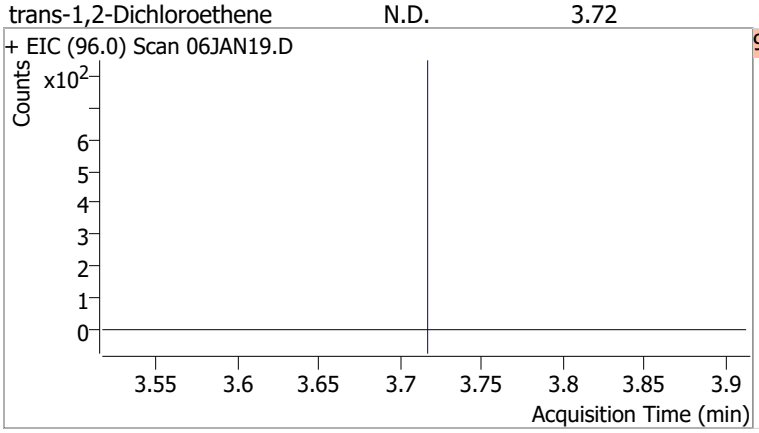
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.6542	3.34	0.00	783 (m)	84.0	53.4	36.9	96.9
					86.0	34.0	14.3	74.3

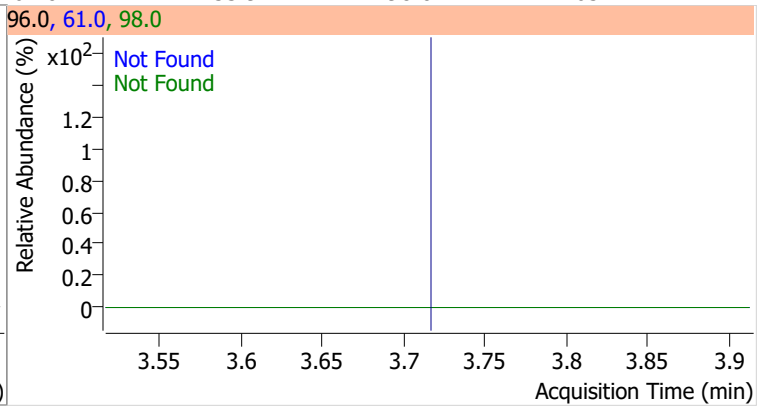




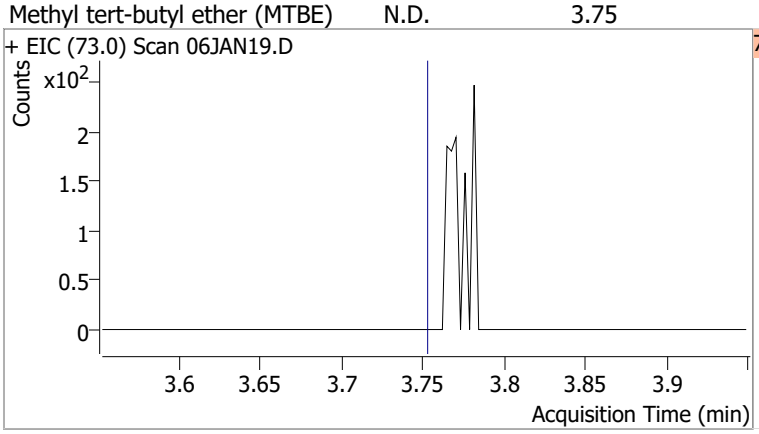


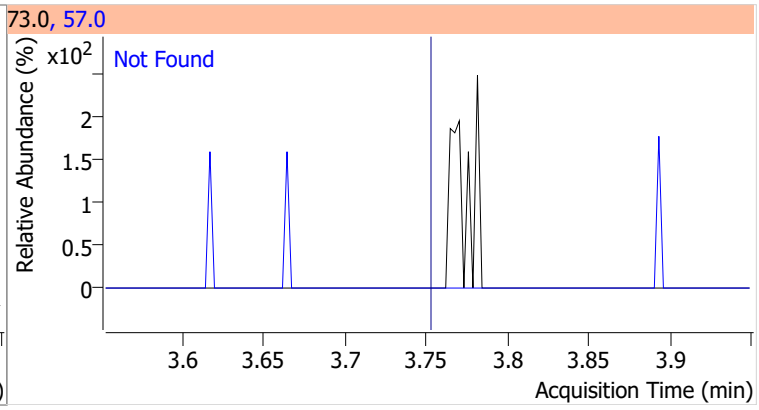
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



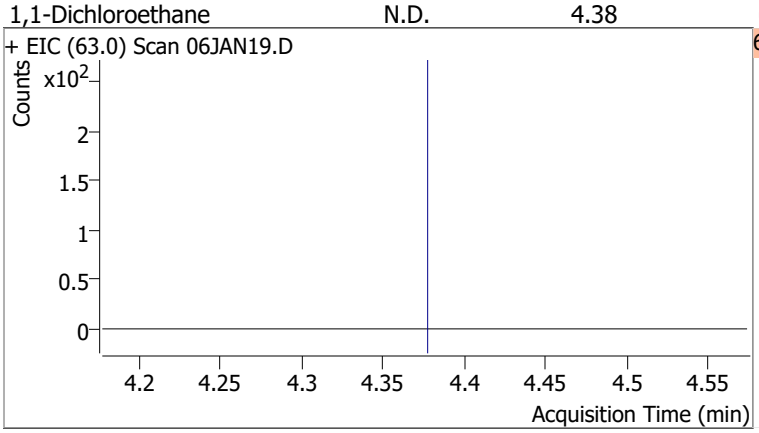


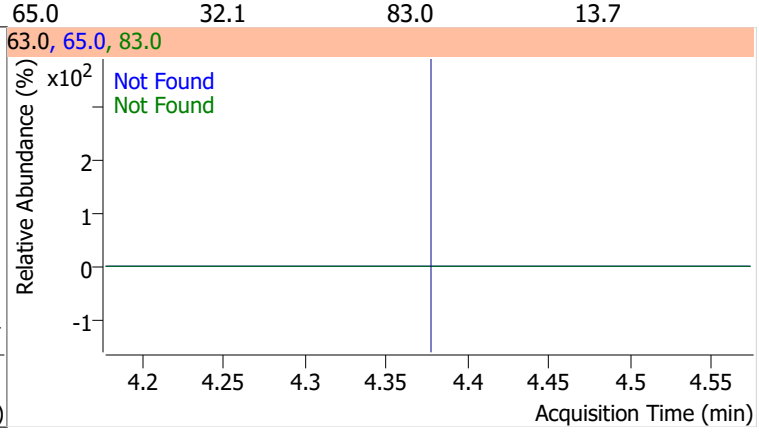
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



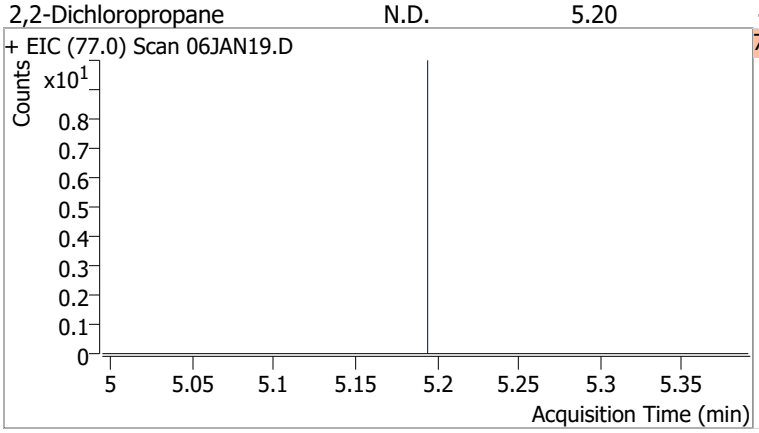


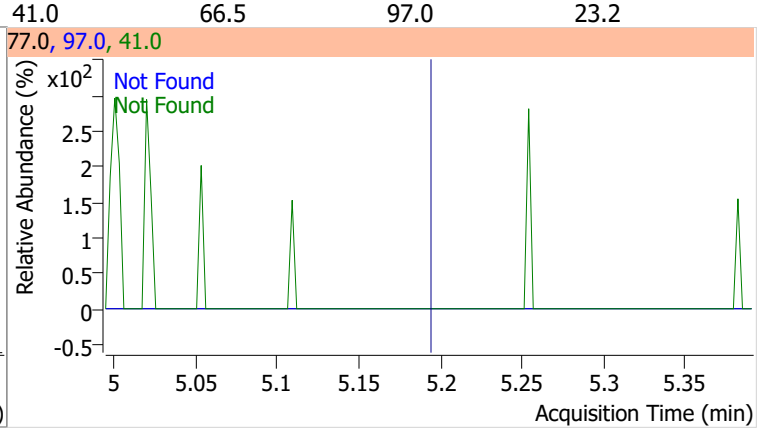
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



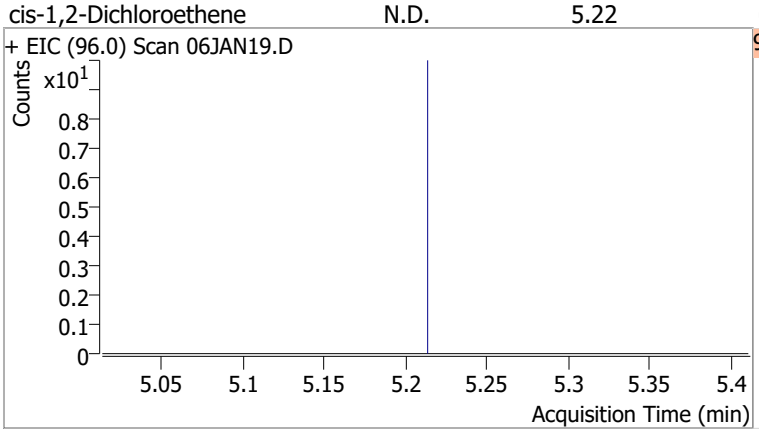


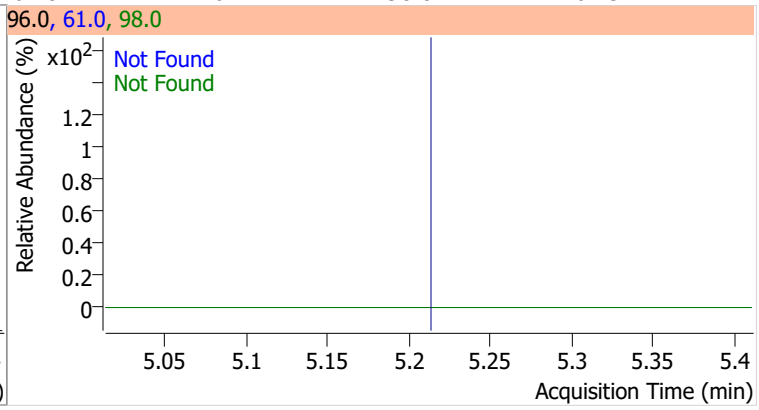
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



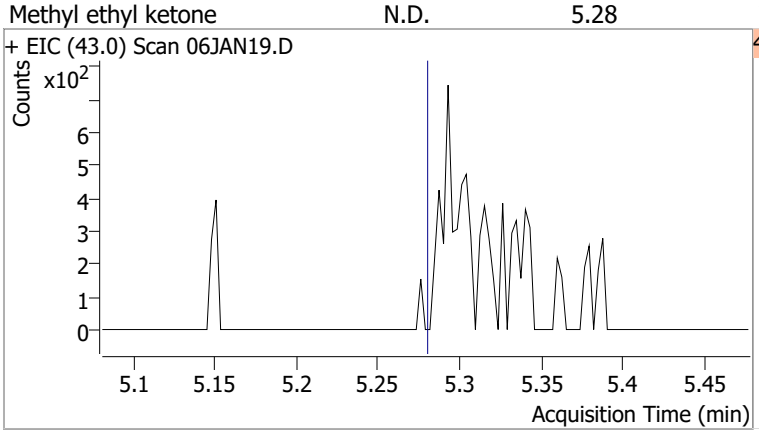


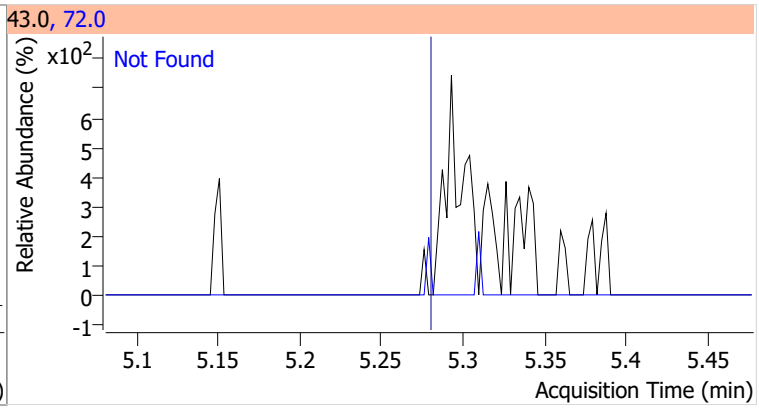
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



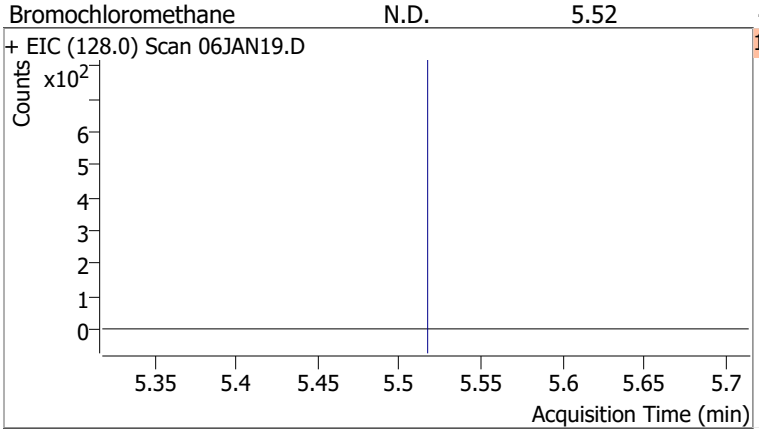


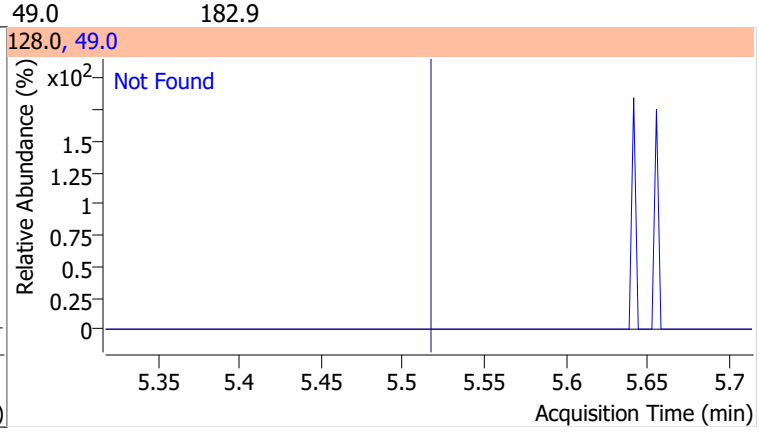
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



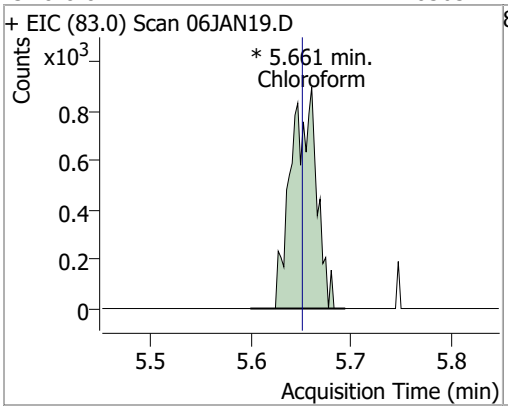


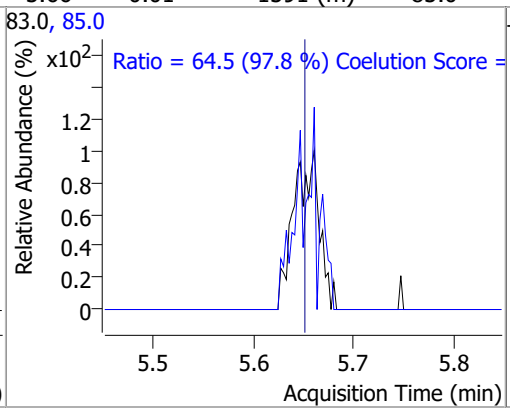
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

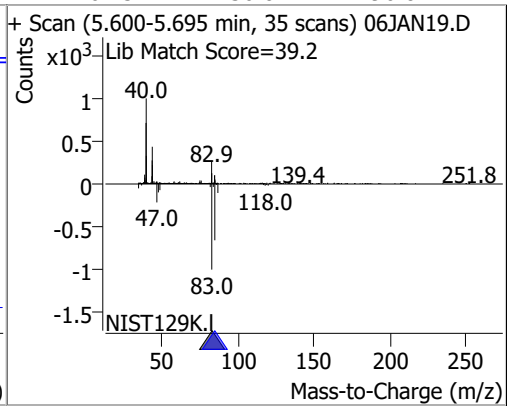




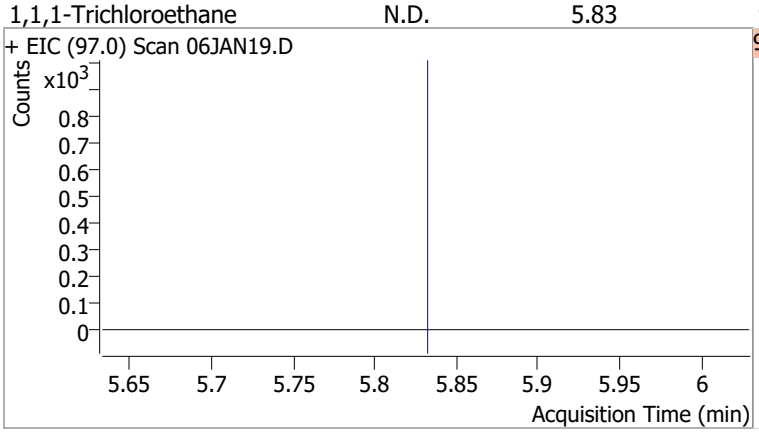
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	1.0365	5.66	0.01	1591 (m)	85.0	64.5	36.0	96.0

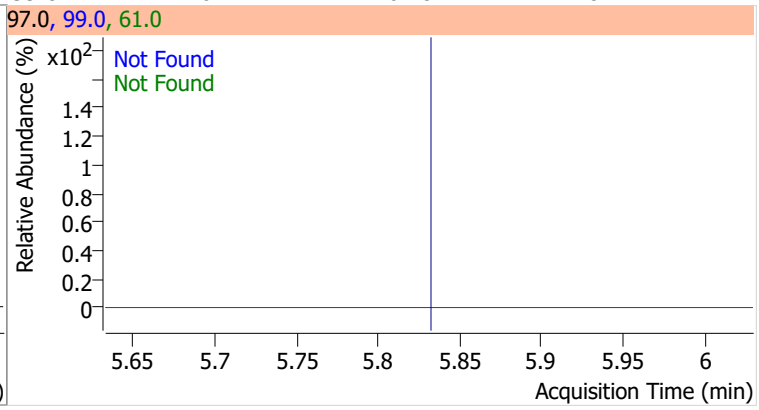




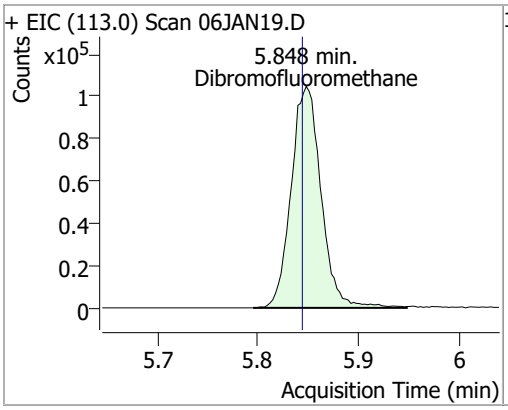


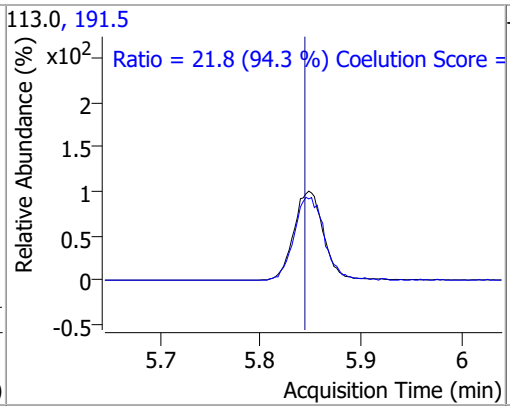
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

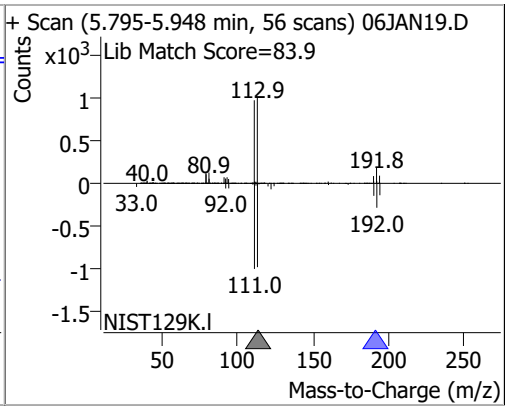




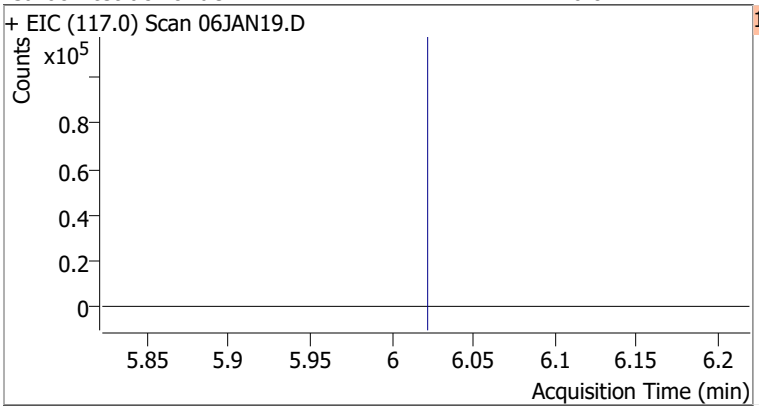
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	286.4292	5.85	0.00	217518	191.5	21.8	0.0	53.1

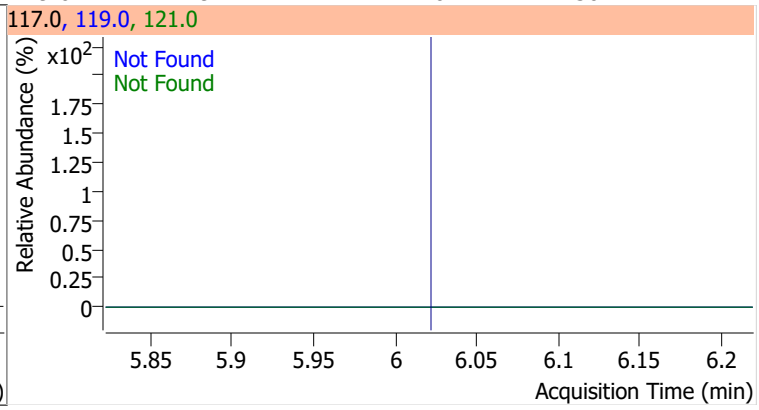




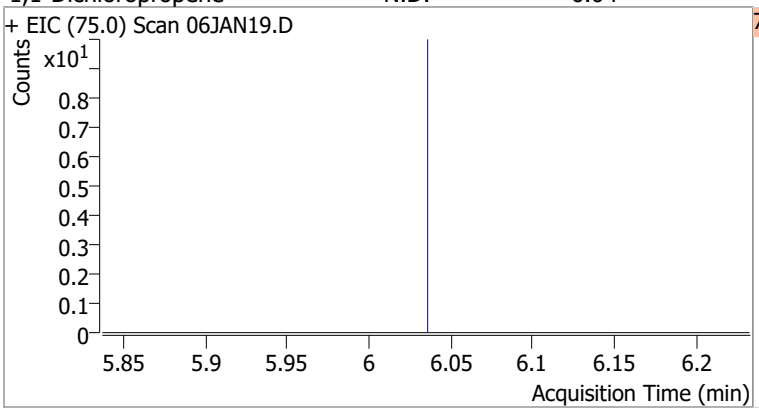


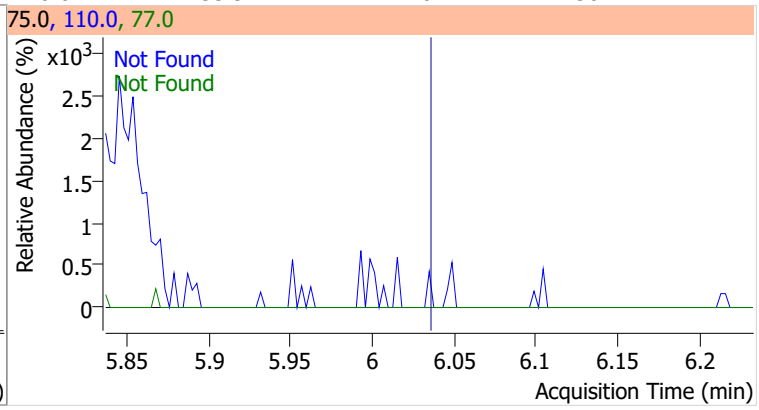
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



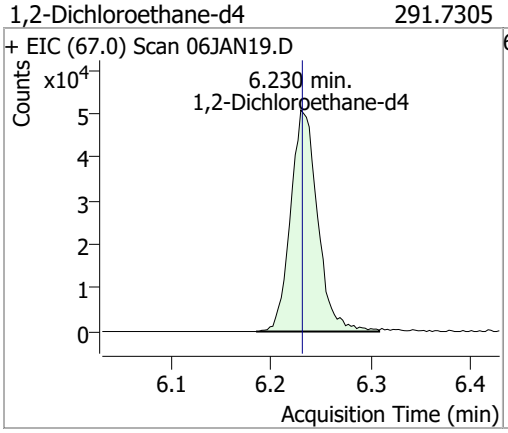


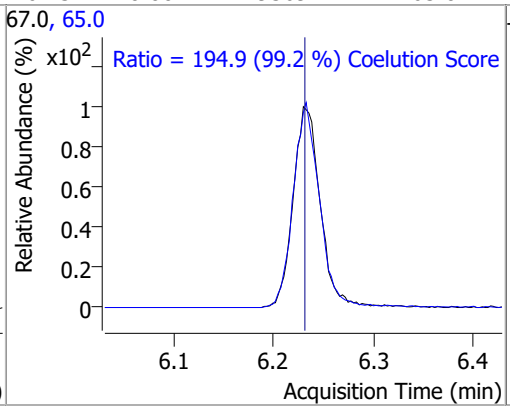
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

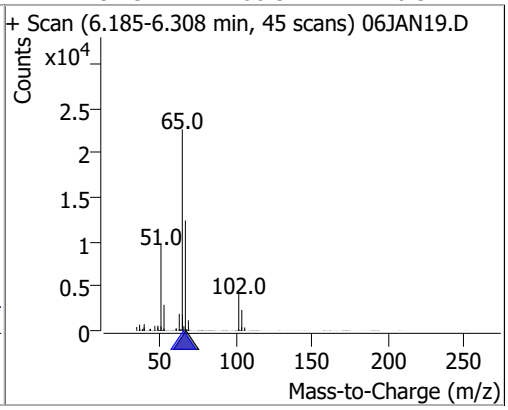




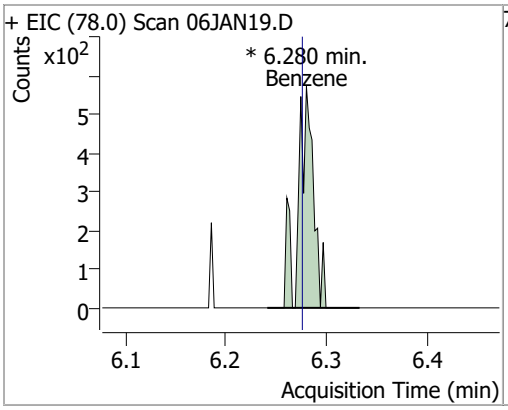
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	291.7305	6.23	0.00	95691	65.0	194.9	166.5	226.5

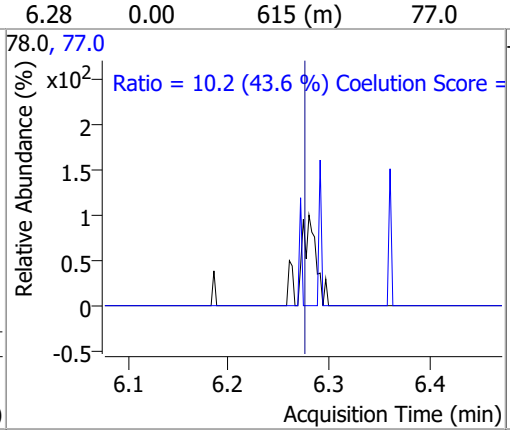


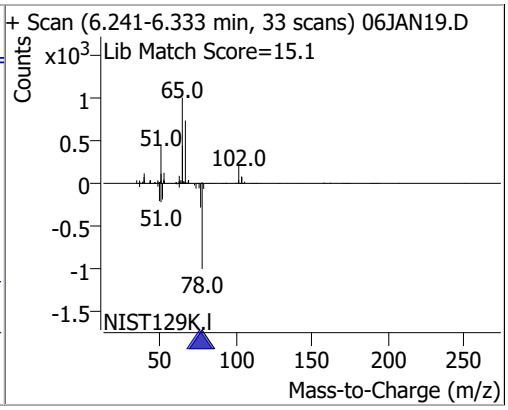




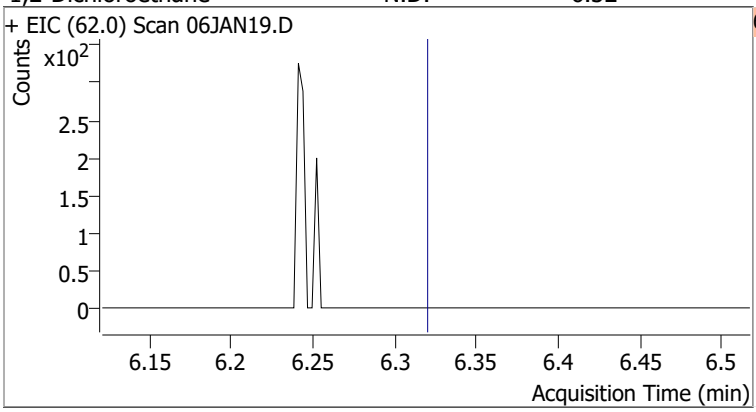
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1916	6.28	0.00	615 (m)	77.0	10.2	0.0	53.5

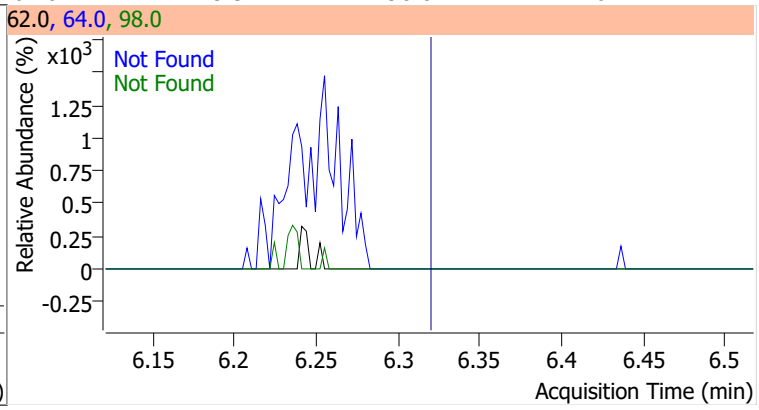




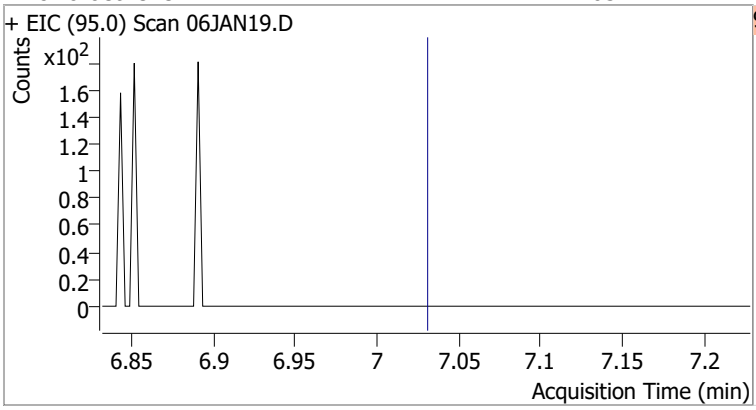


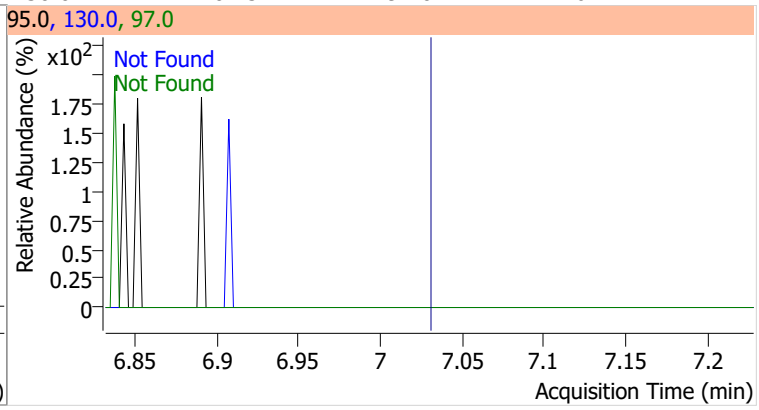
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



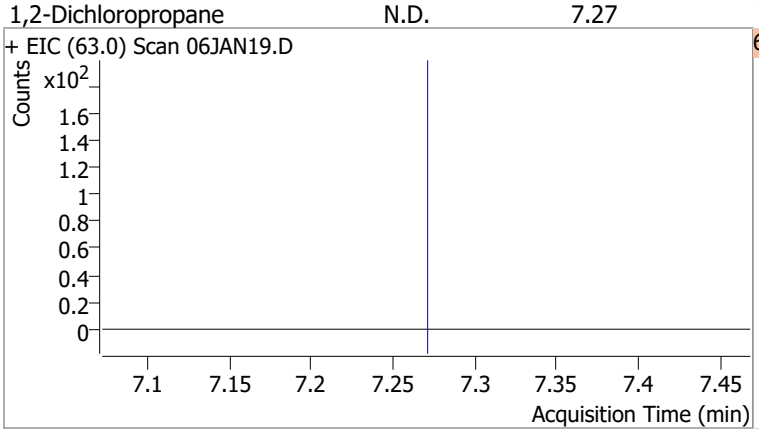


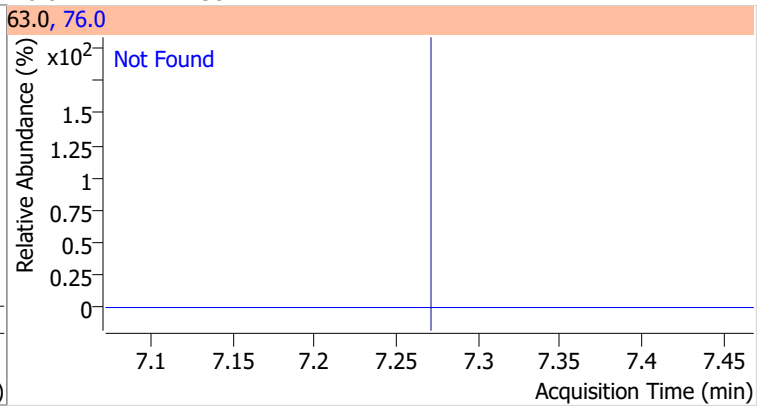
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



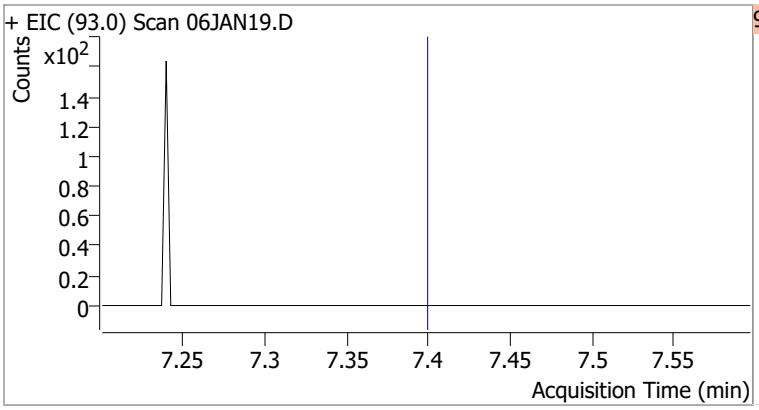


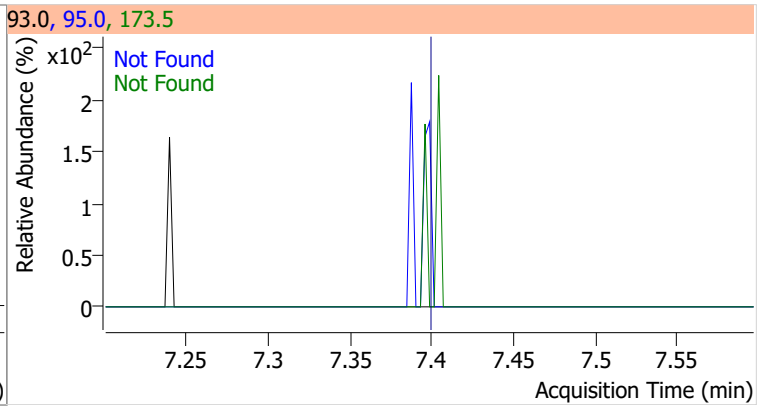
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



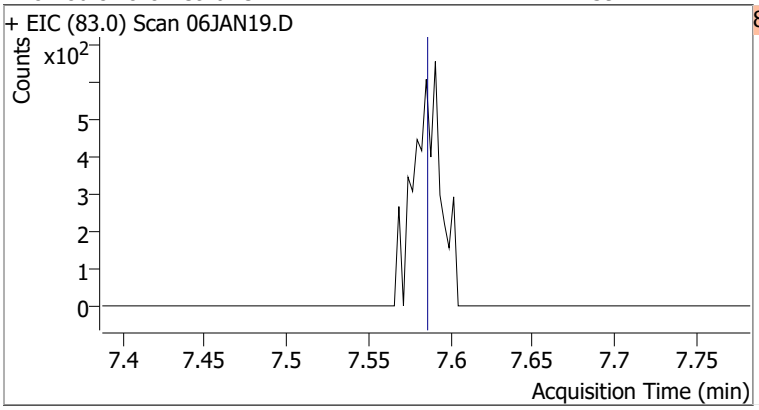


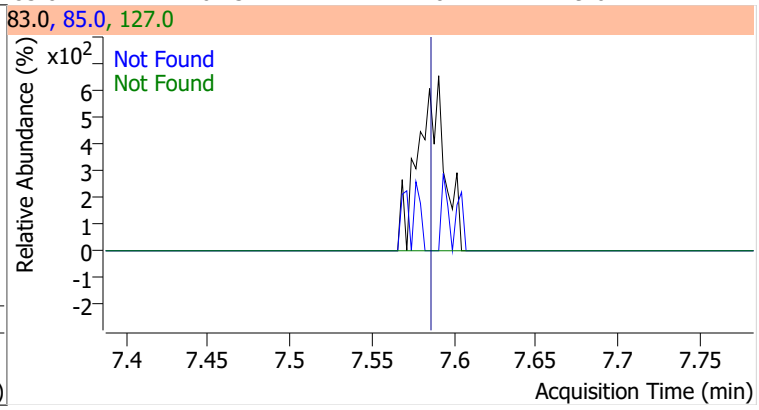
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



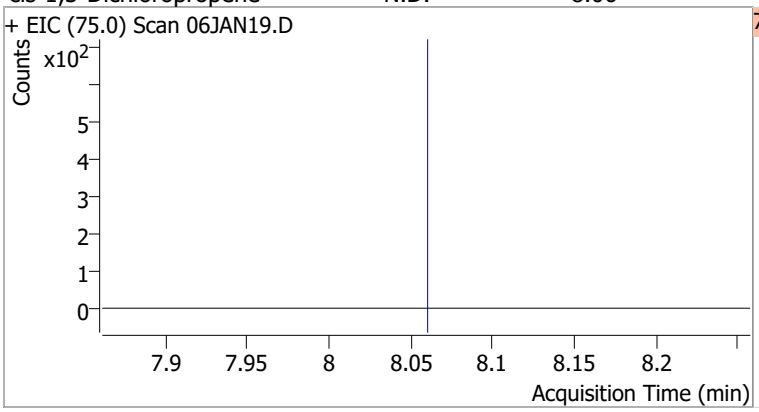


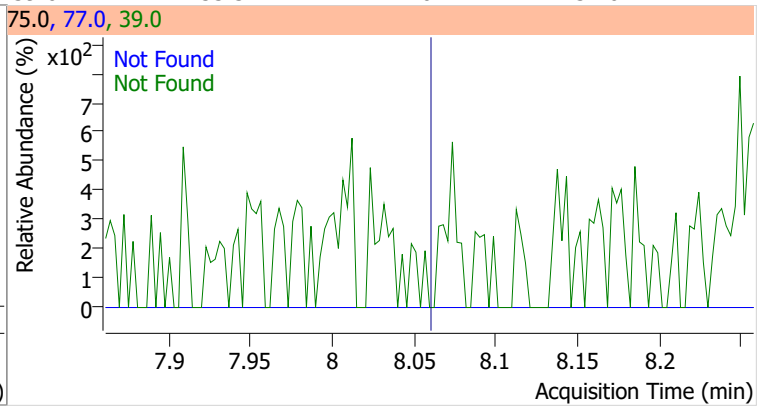
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



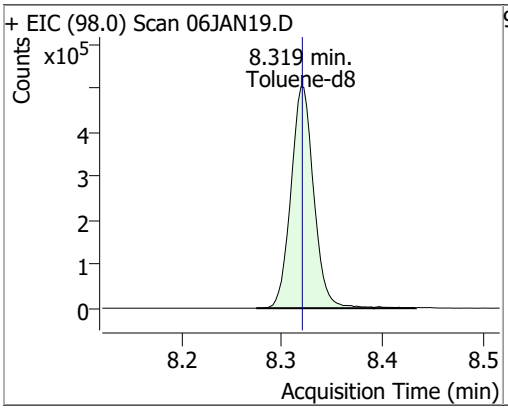


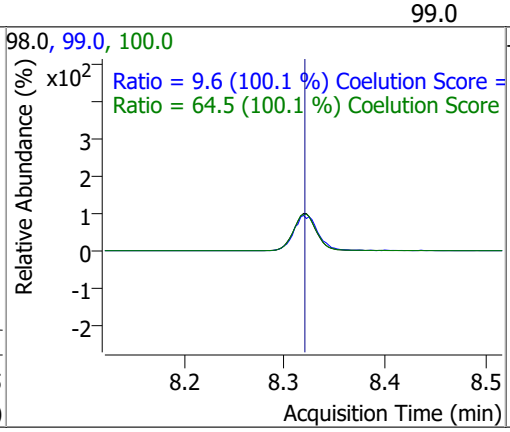
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

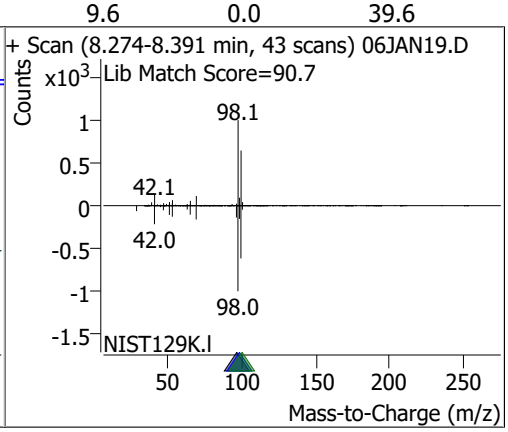




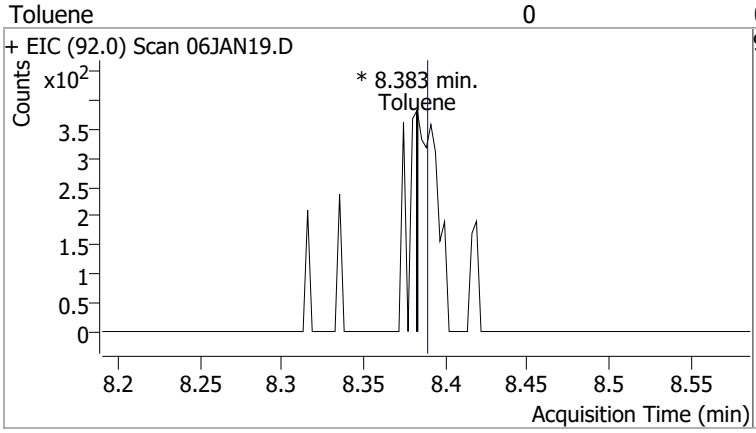
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	260.9854	8.32	0.00	796424	100.0	64.5	34.4	94.4
					99.0	9.6	0.0	39.6

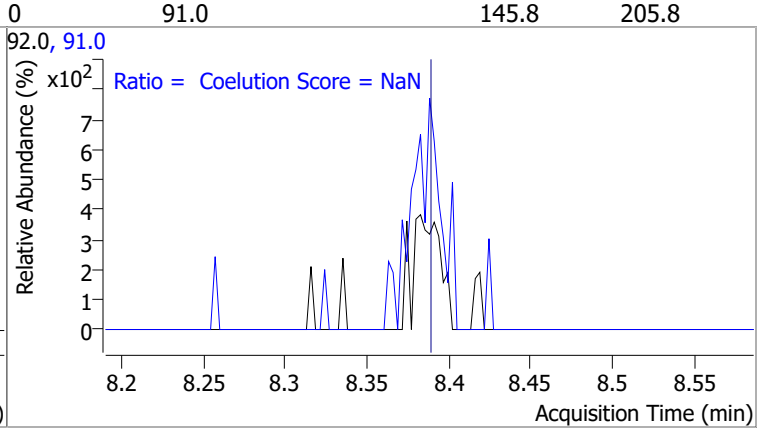




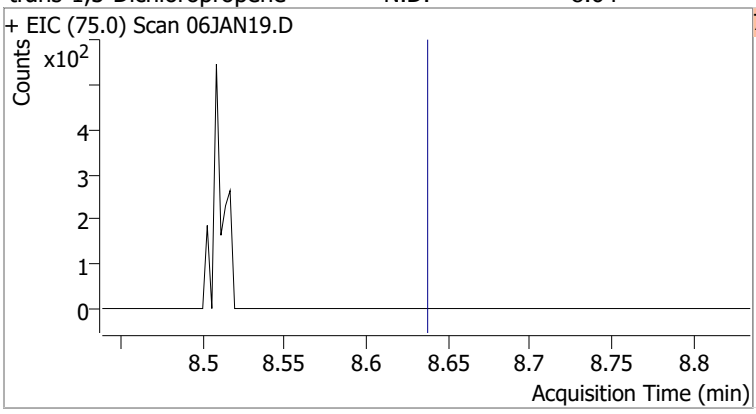


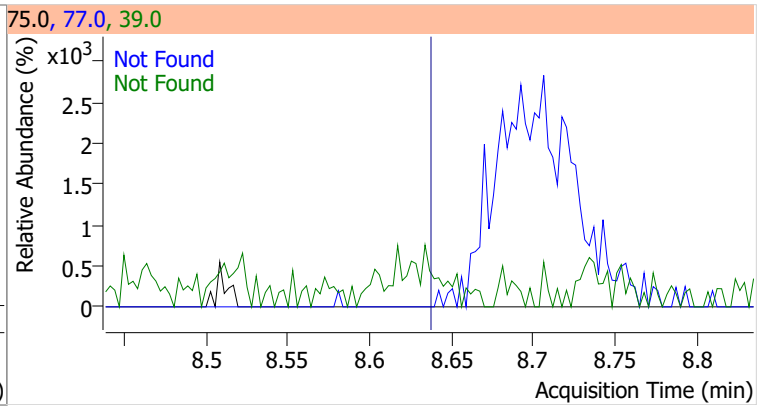
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		145.8	205.8



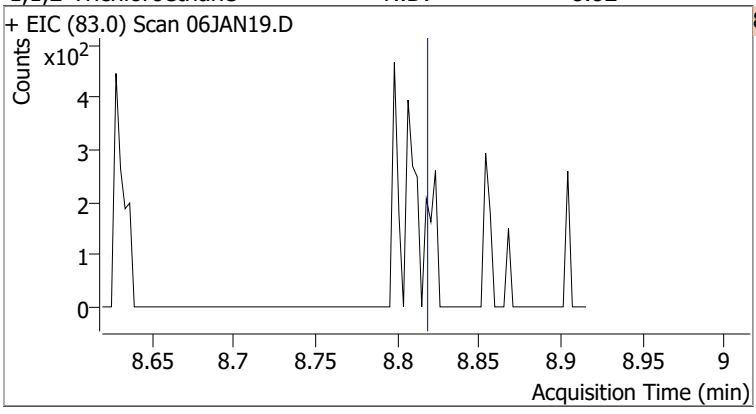


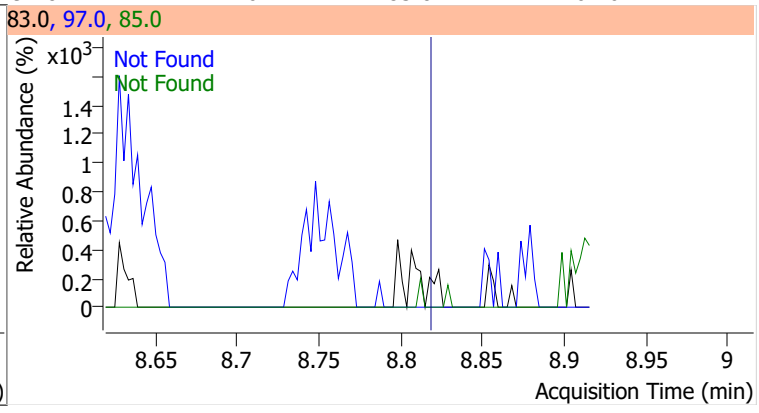
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



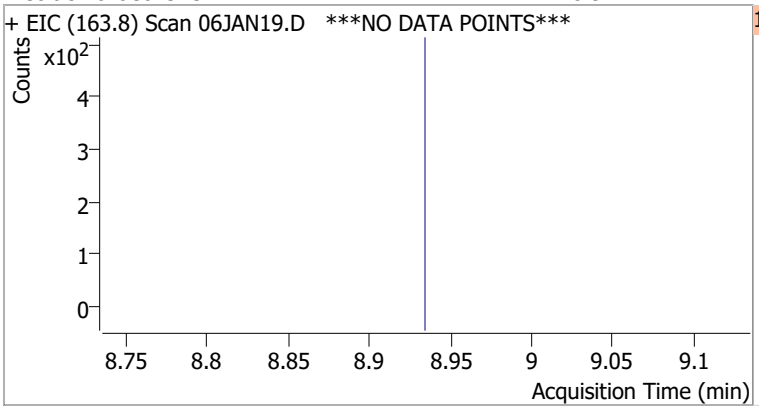


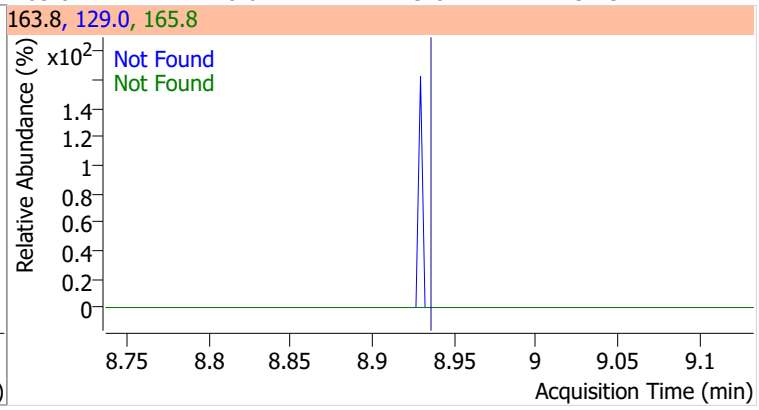
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



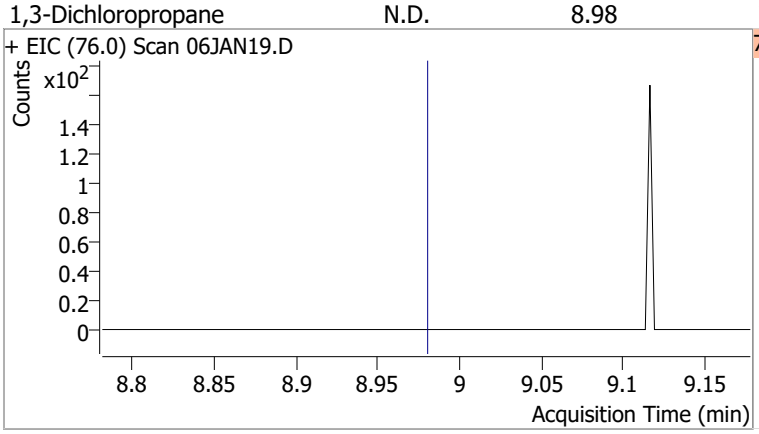


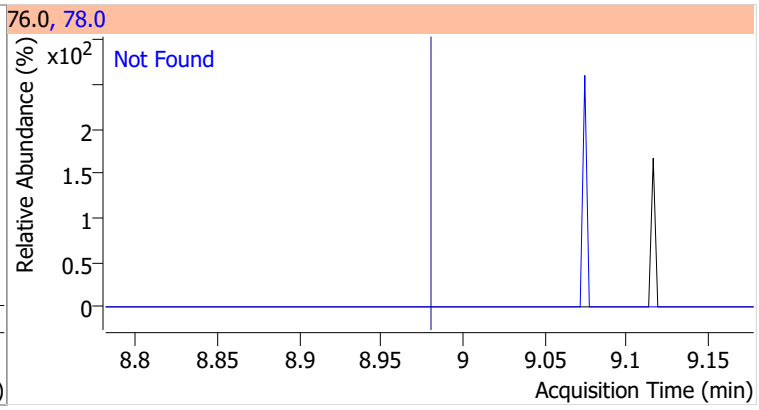
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



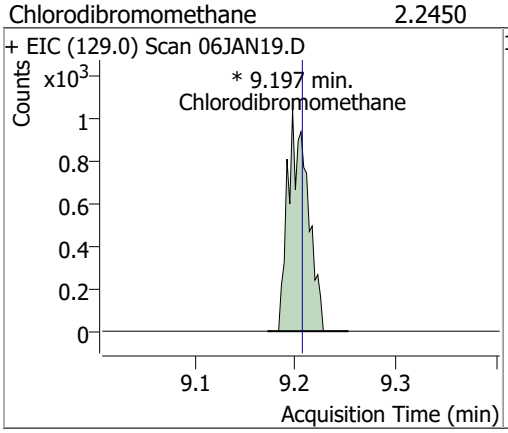


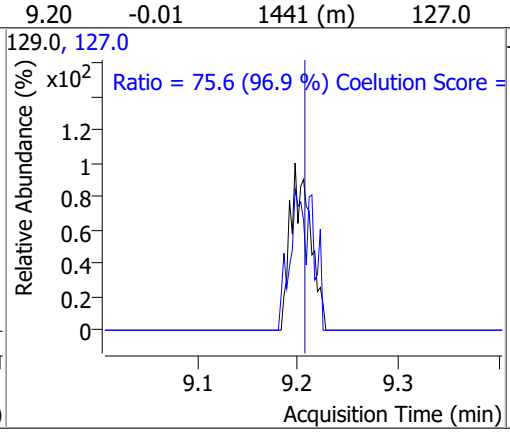
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9

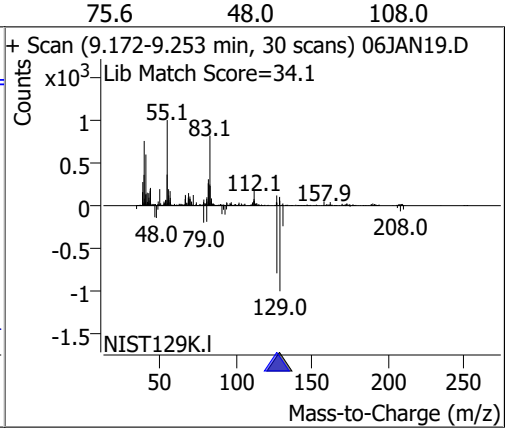




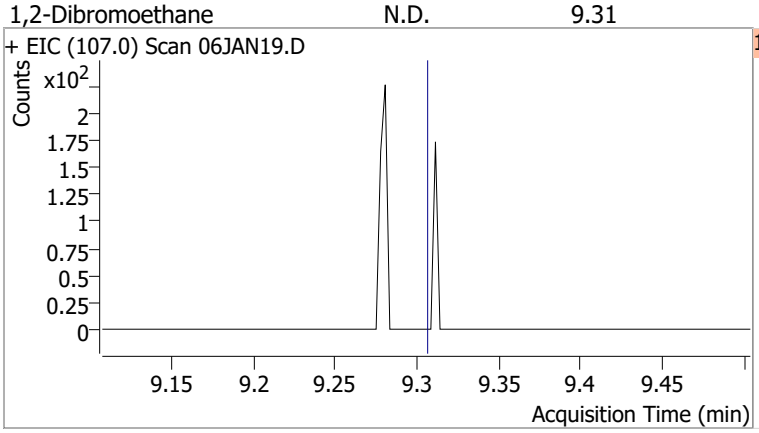
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	2.2450	9.20	-0.01	1441 (m)	127.0	75.6	48.0	108.0

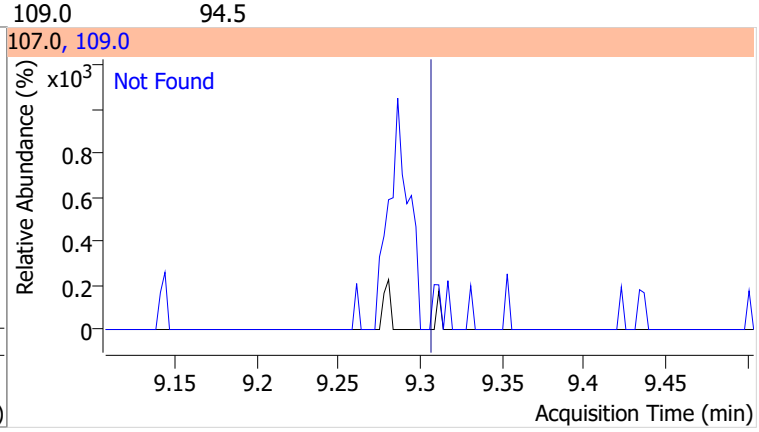




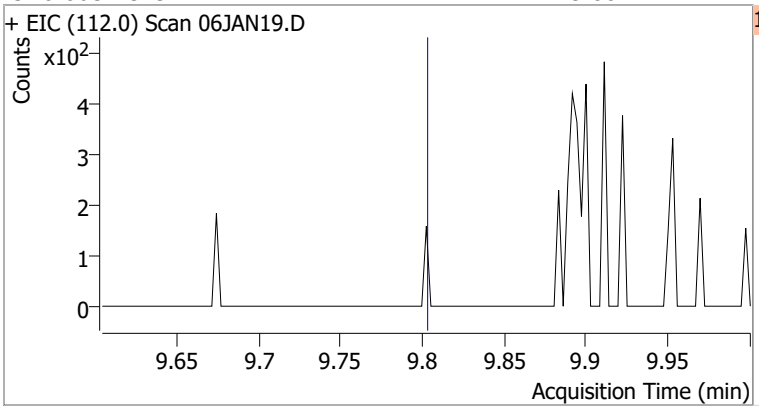


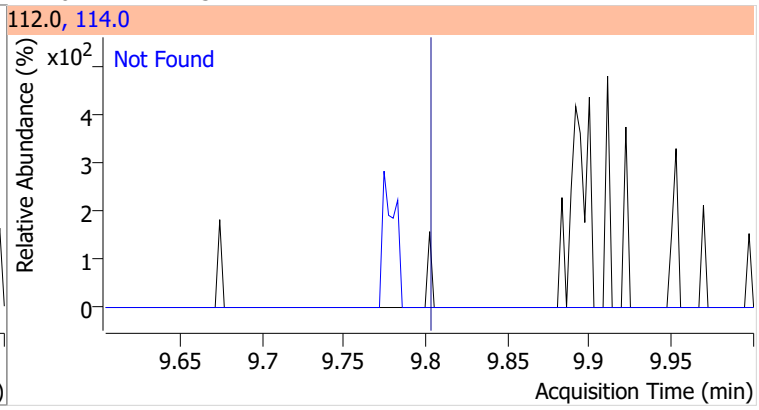
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



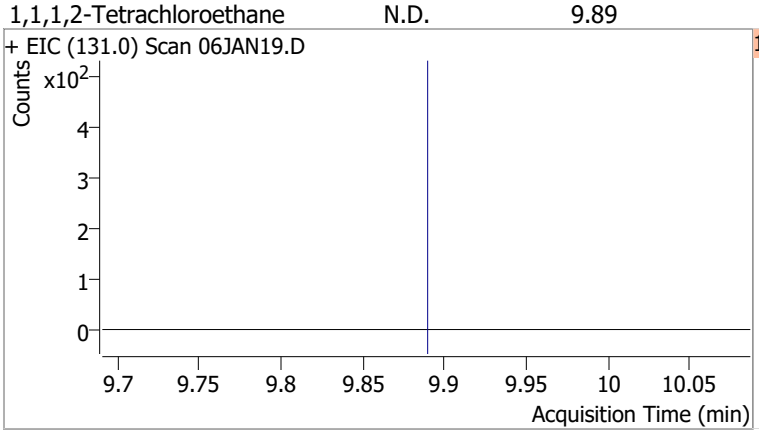


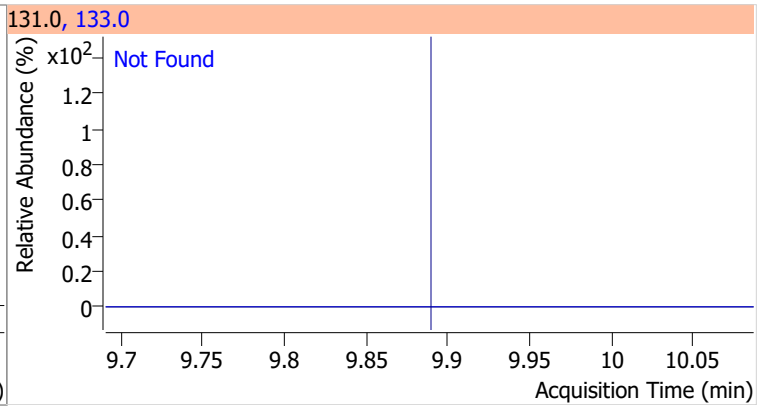
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



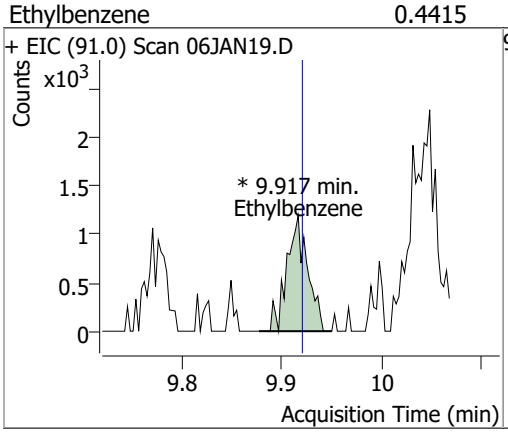


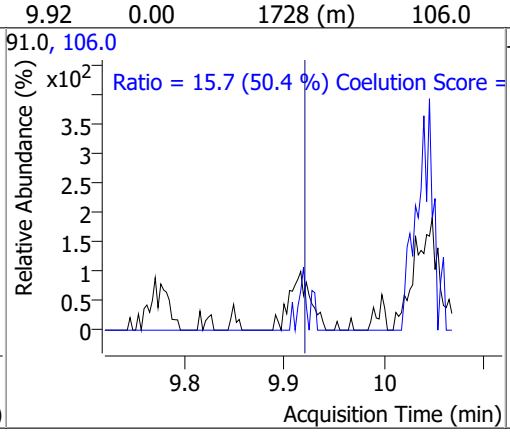
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6

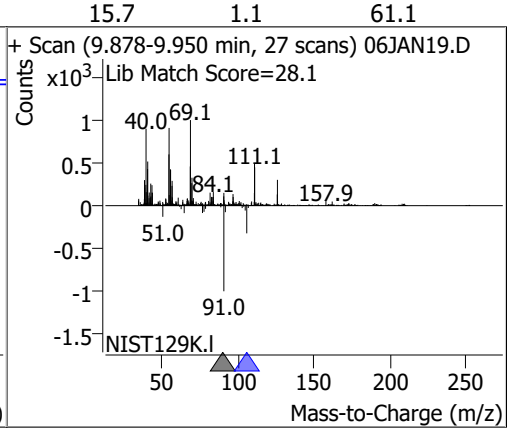




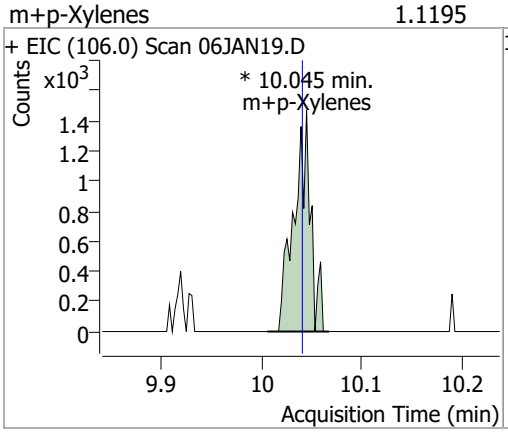
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.4415	9.92	0.00	1728 (m)	106.0	15.7	1.1	61.1

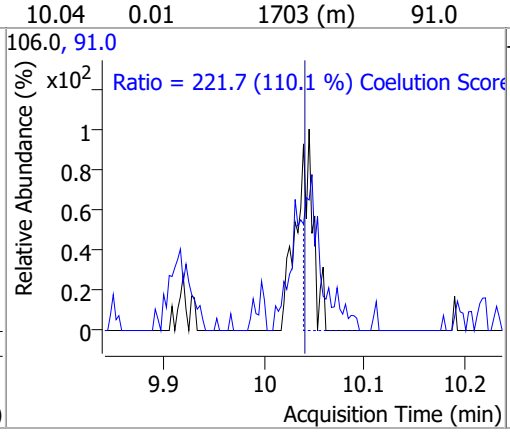


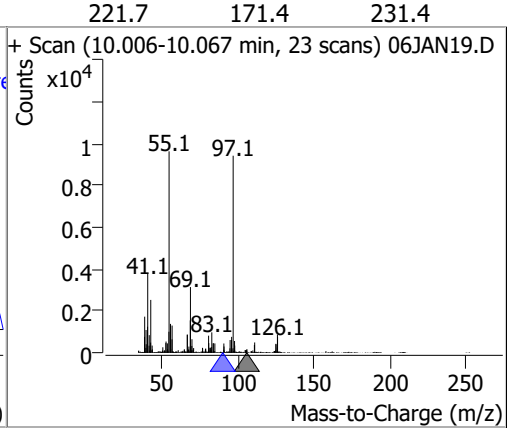




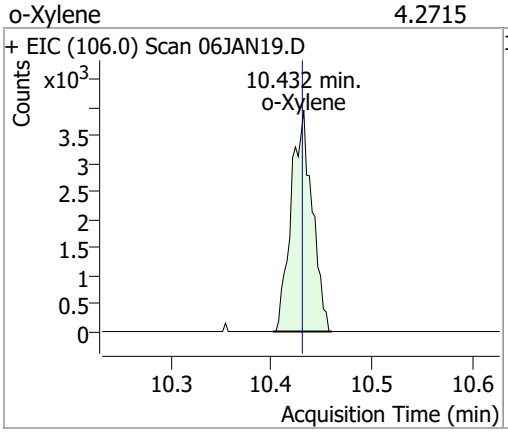
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	1.1195	10.04	0.01	1703 (m)	91.0	221.7	171.4	231.4

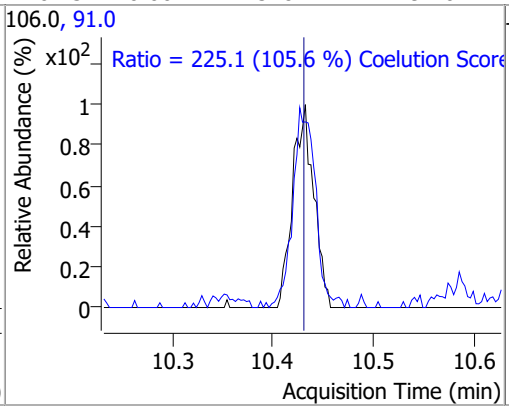


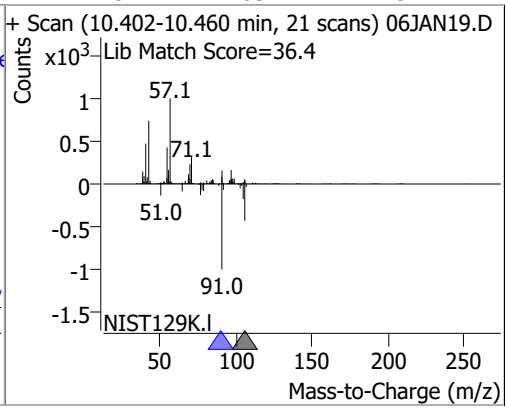




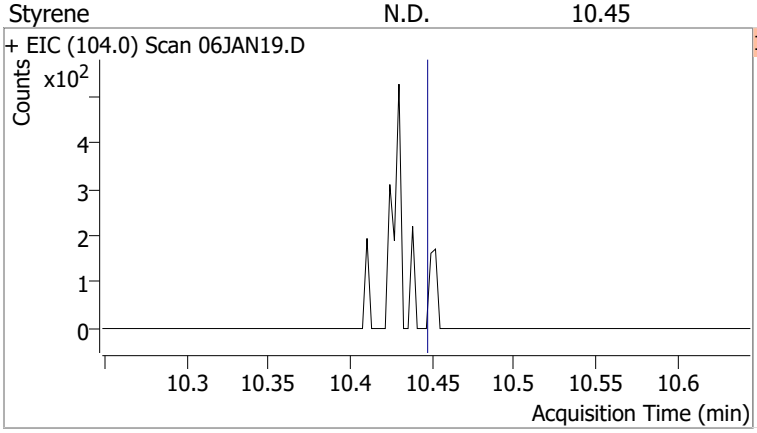
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	4.2715	10.43	0.00	5784	91.0	225.1	183.1	243.1

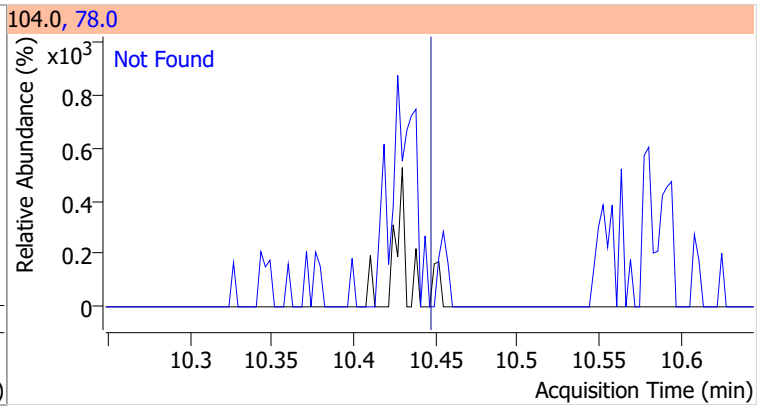




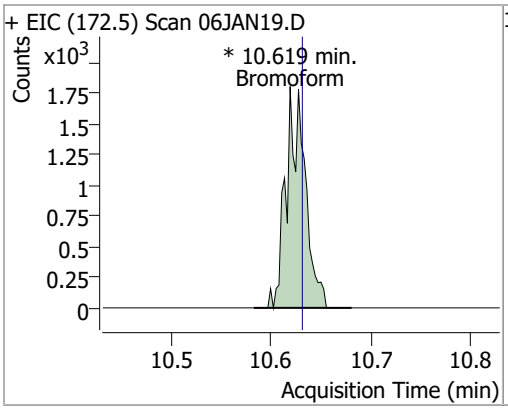


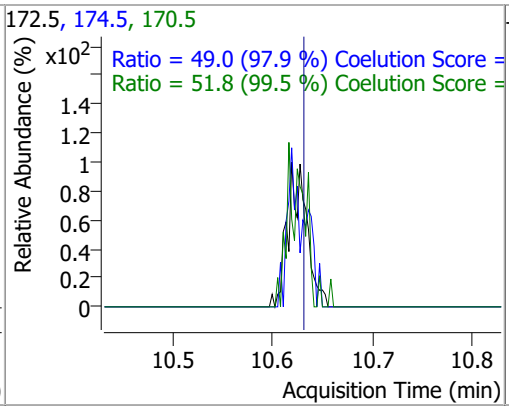
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6

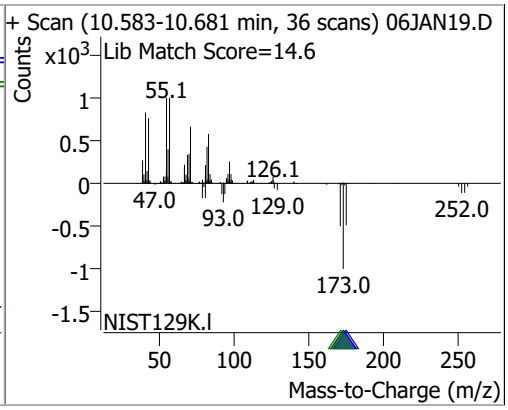




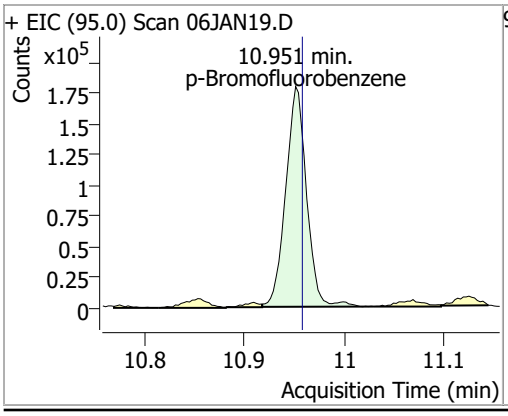
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	7.3778	10.62	-0.01	2397 (m)	170.5	51.8	22.1	82.1
					174.5	49.0	20.1	80.1

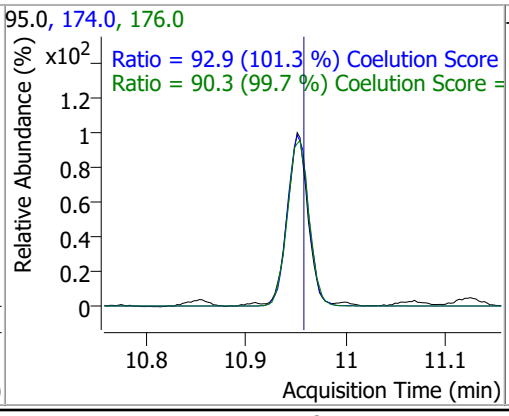


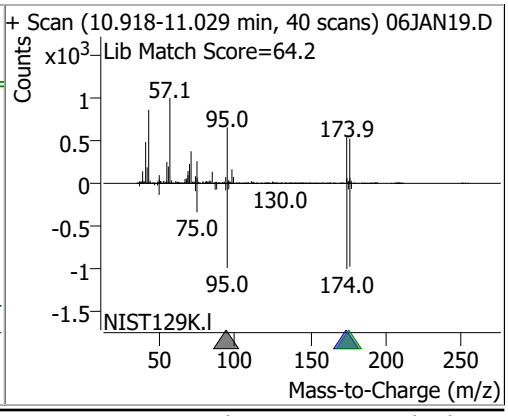




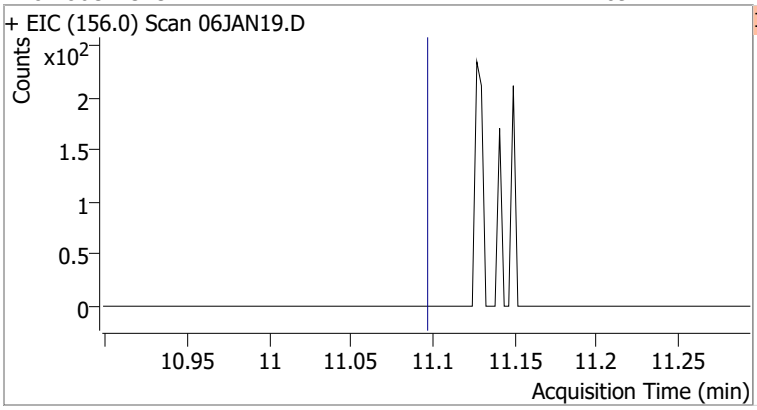
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	279.0601	10.95	0.00	259610	174.0	92.9	61.7	121.7
					176.0	90.3	60.6	120.6

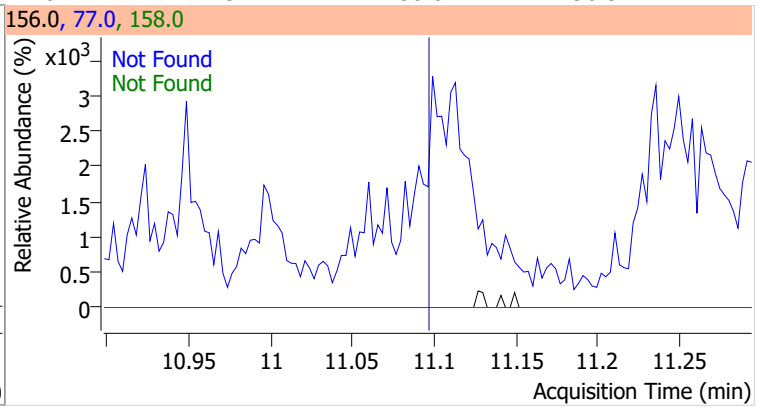




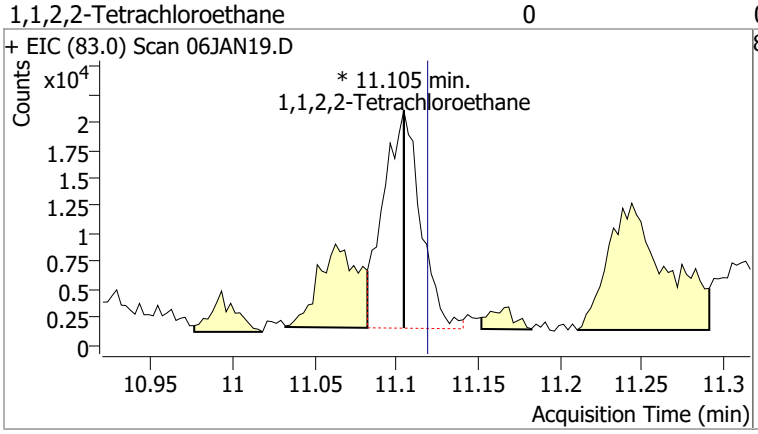


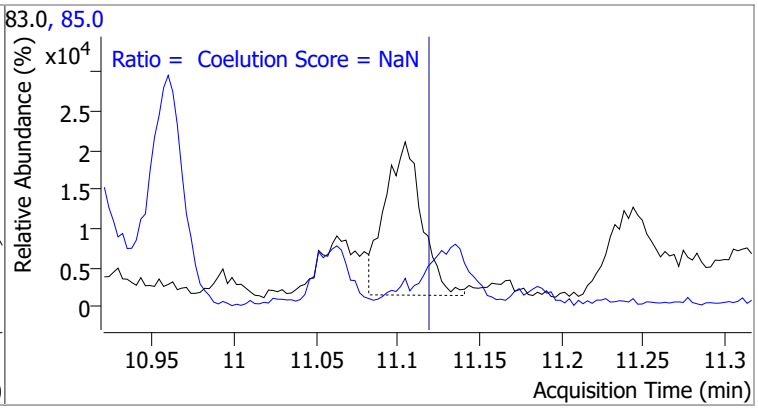
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



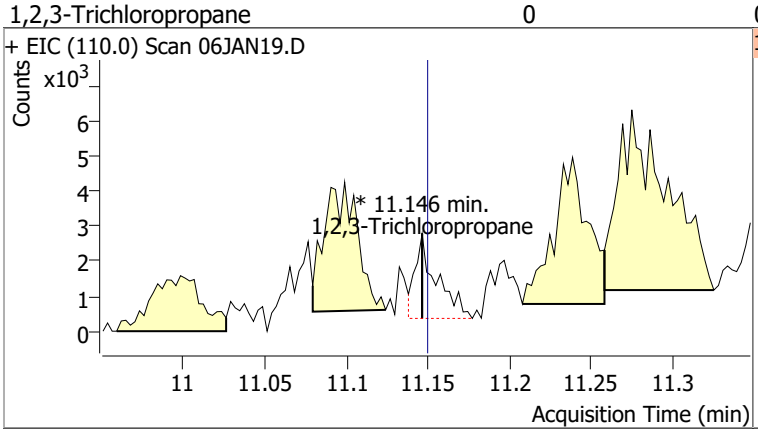


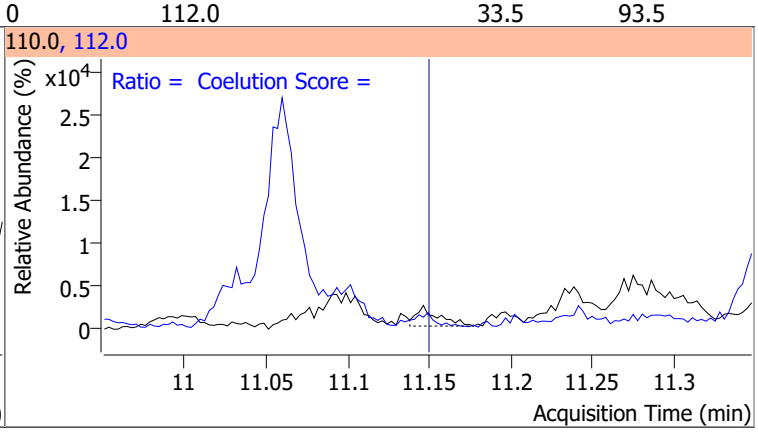
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane		0		0	85.0		36.2	96.2



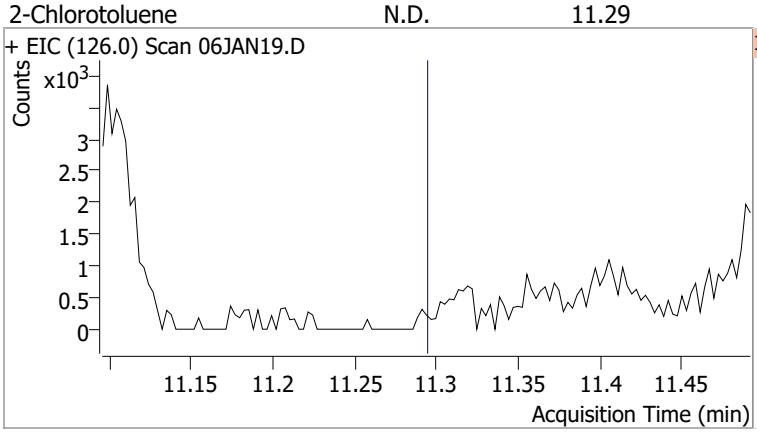


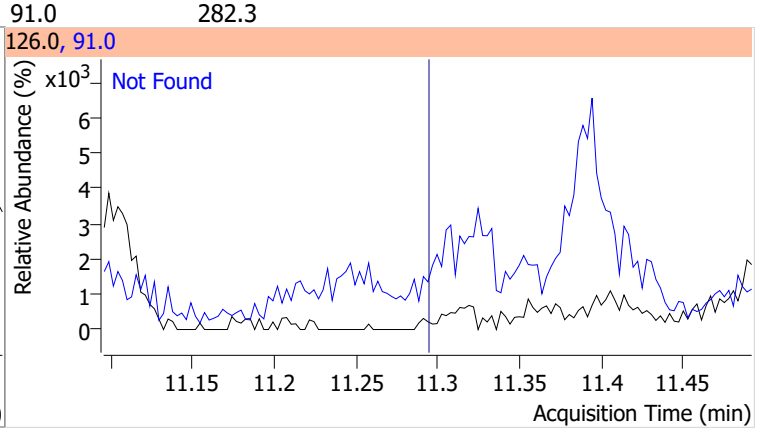
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane		0		0	112.0		33.5	93.5



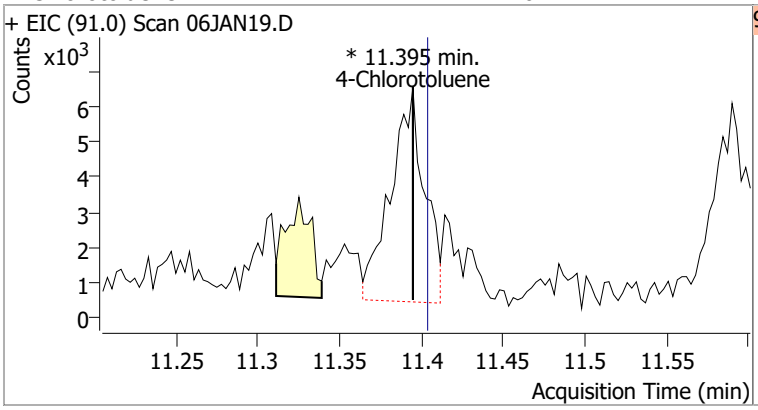


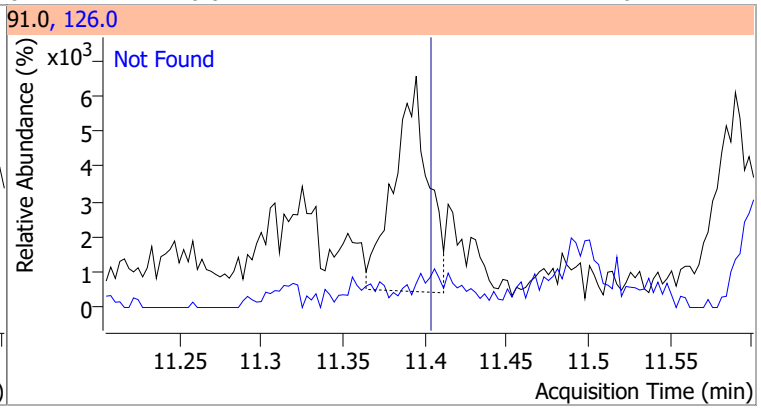
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



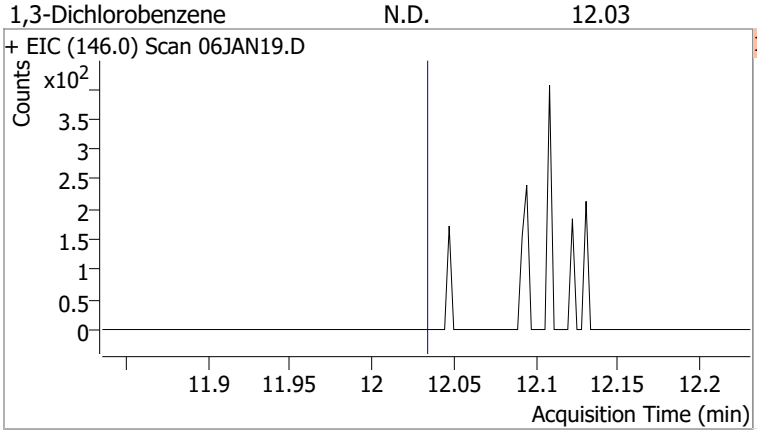


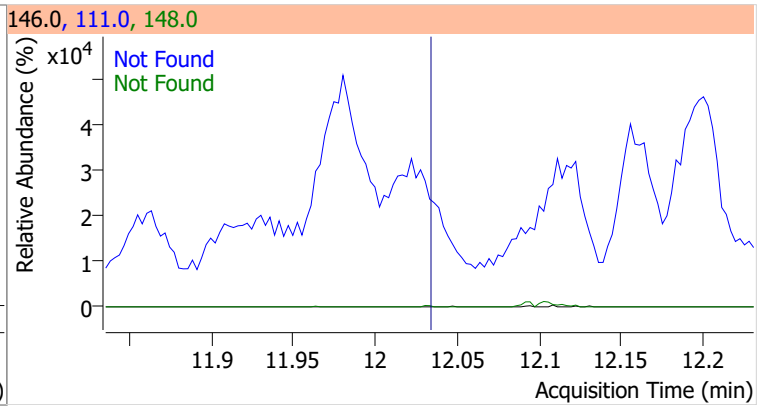
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene		0		0	126.0		1.7	61.7



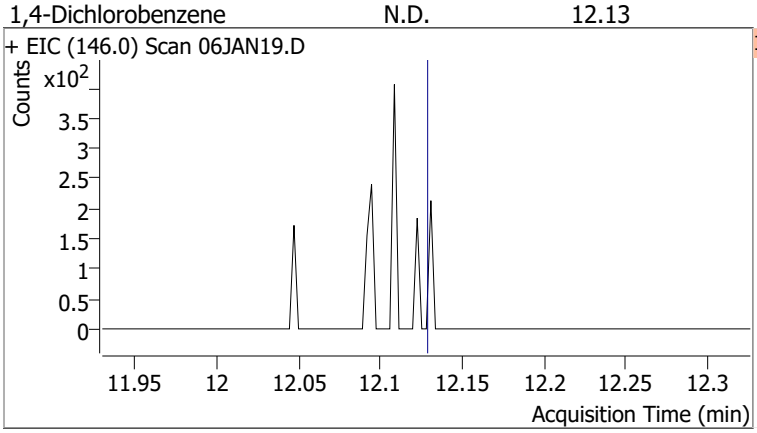


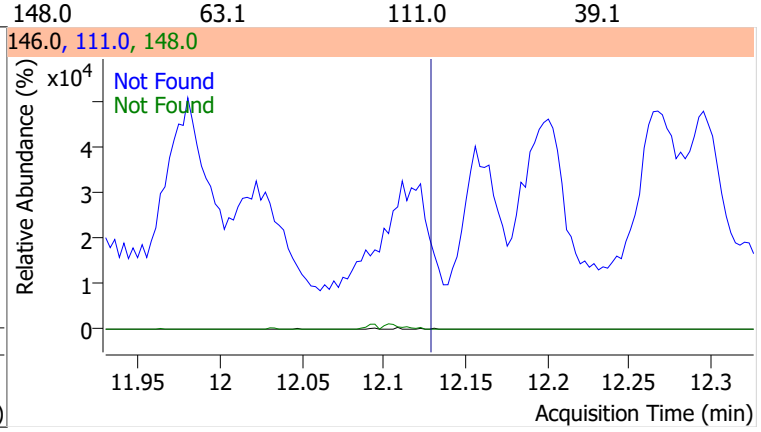
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



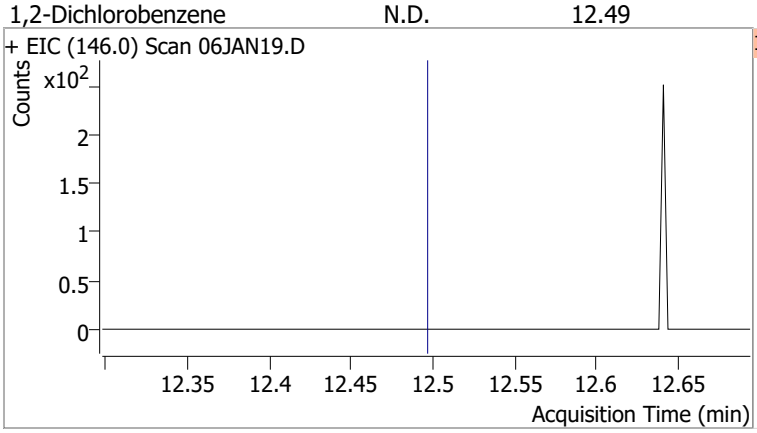


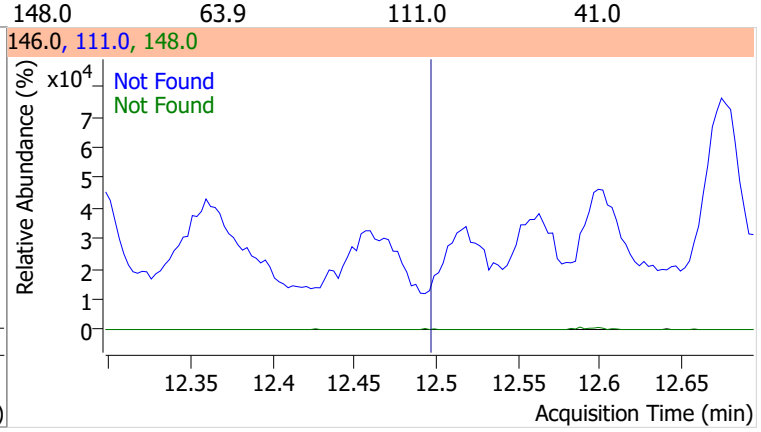
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0

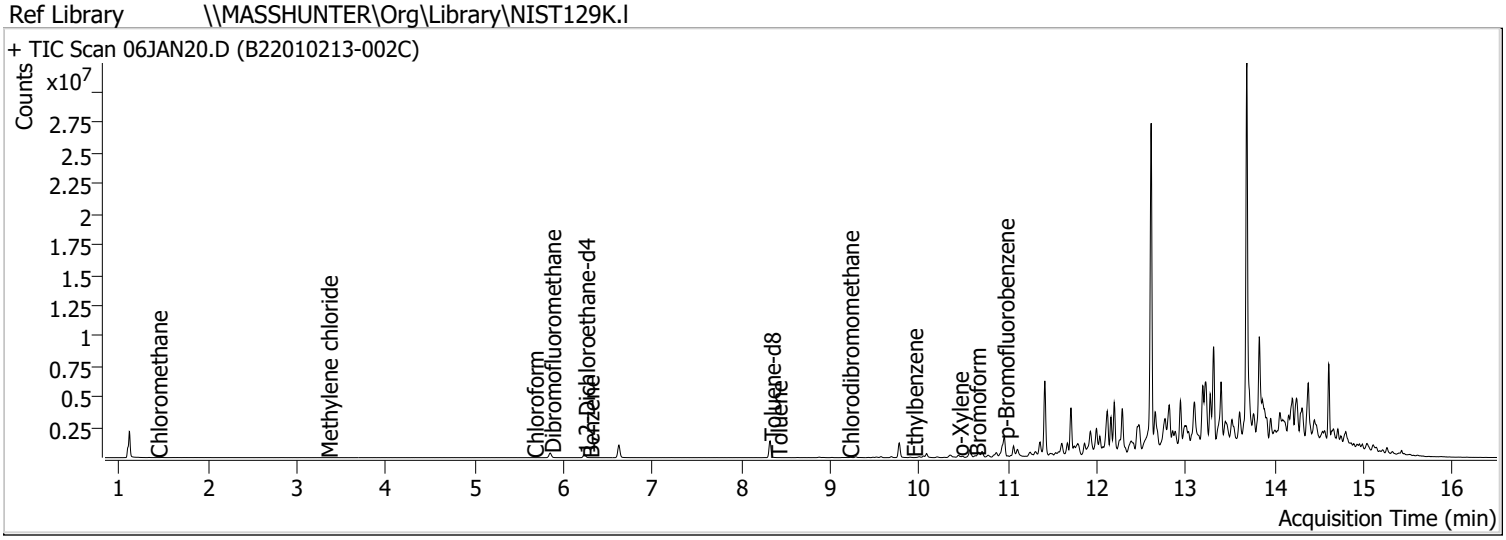




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	06JAN20.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 6:32:59 PM
Sample Name	B22010213-002C	Instrument	VOA5975C
Vial	20	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

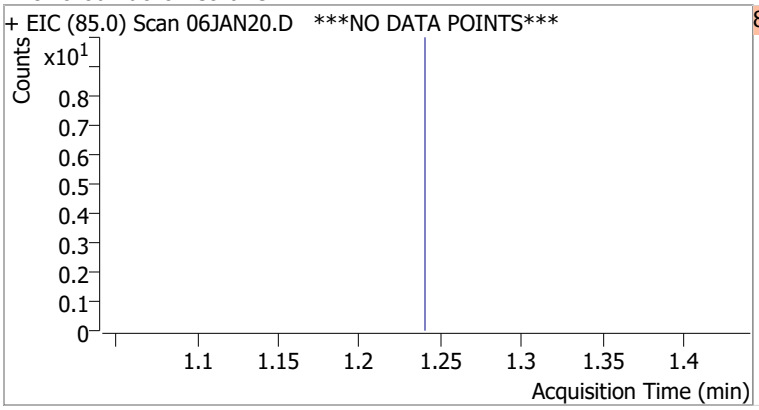


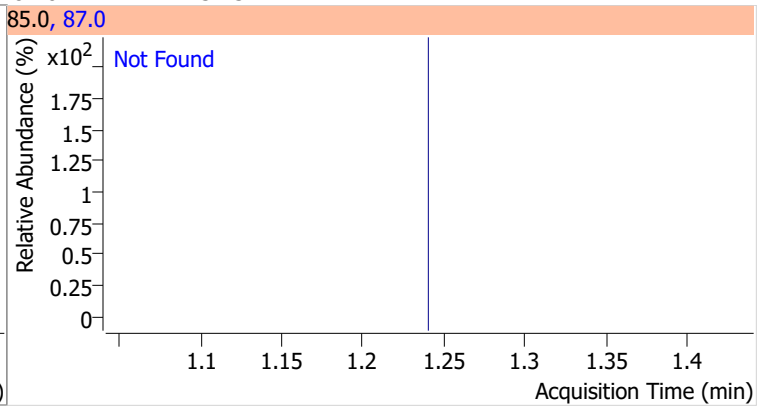
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	862660	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	343948	250.0000	ng		0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	261969	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	223816	275.3936	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 110.16%			
S 1,2-Dichloroethane-d4	6.230	67.0	100530	286.3829	ng		-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.55%			
S Toluene-d8	8.319	98.0	850411	256.5762	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 102.63%			
S p-Bromofluorobenzene	10.948	95.0	280705	292.4843	ng		-0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 116.99%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.420	50.0	546	0.3979	ng	m	66
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.335	49.0	933	0.7284	ng	m	78
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.653	83.0	1547	0.9421	ng	m	85

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.277	78.0	775	0.2256	ng	m	93
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.394	92.0	561	0.2508	ng	m	94
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	9.200	129.0	1773	2.5436	ng	m	75
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.919	91.0	1684	0.3961	ng	m	76
T m+p-Xylenes	10.039	106.0	0		ng	md	1
T o-Xylene	10.432	106.0	5248	3.5683	ng		91
T Styrene	0.000		0	N.D.			
T Bromoform	10.628	172.5	2499	7.4545	ng		96
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	11.105	83.0	0		ng	md	1
T 1,2,3-Trichloropropane	11.152	110.0	0		ng	md	1
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	11.358	91.0	0		ng	md	1
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

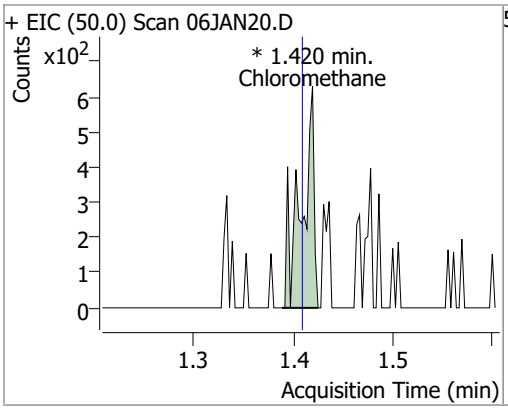
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

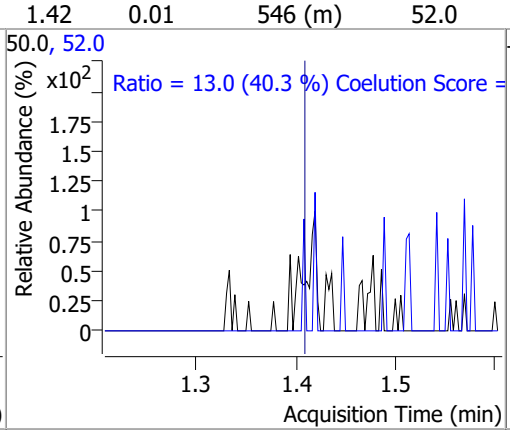
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

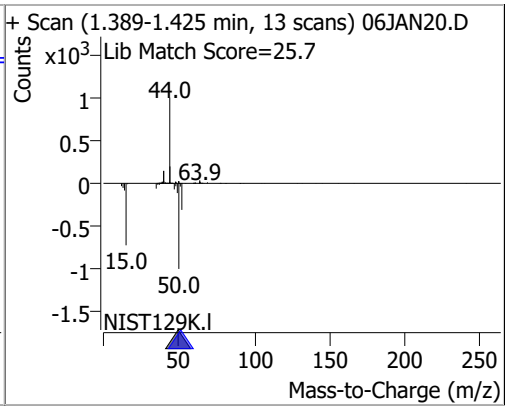




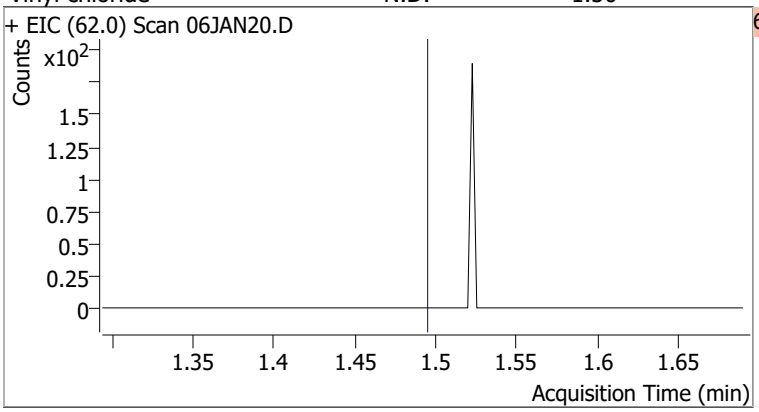
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.3979	1.42	0.01	546 (m)	52.0	13.0	2.1	62.1

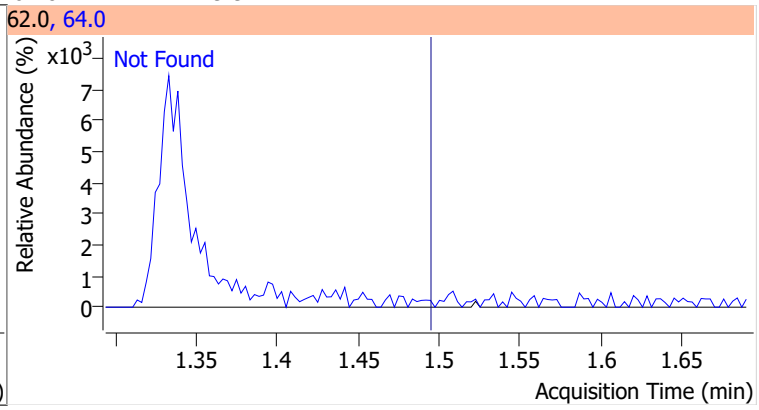




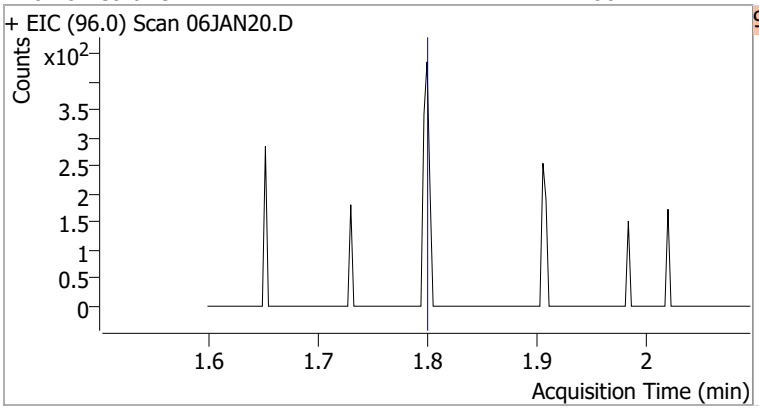


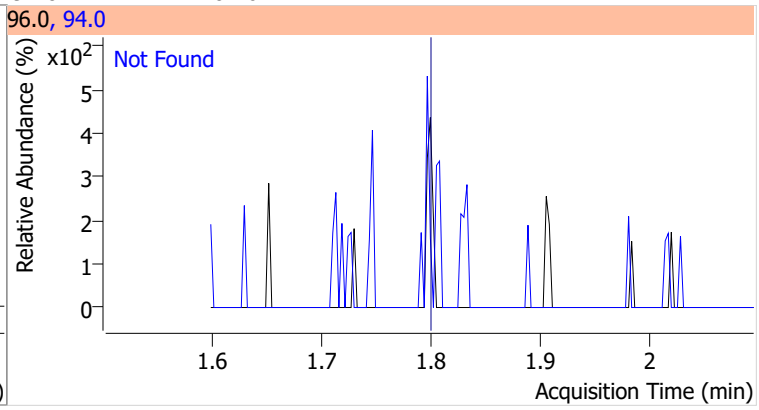
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



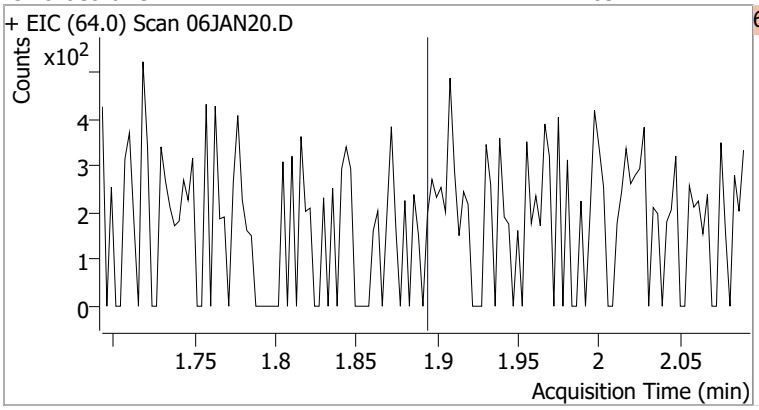


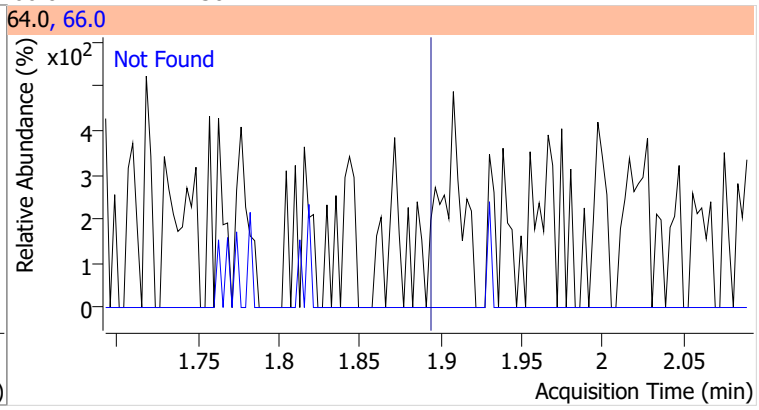
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



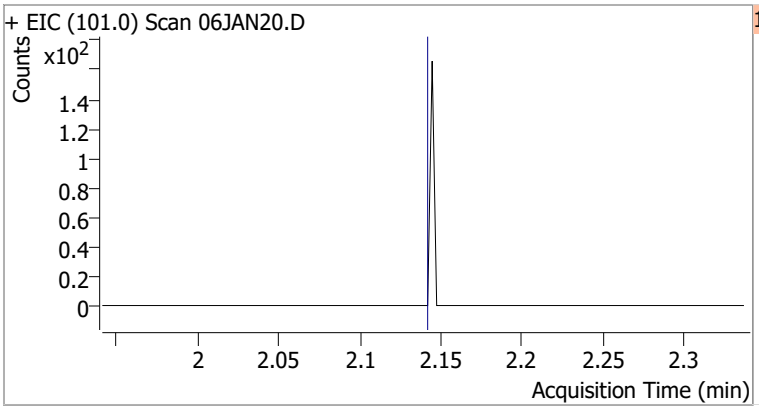


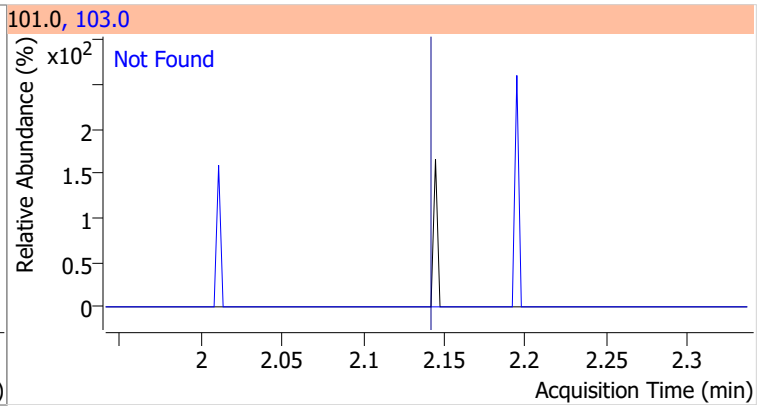
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



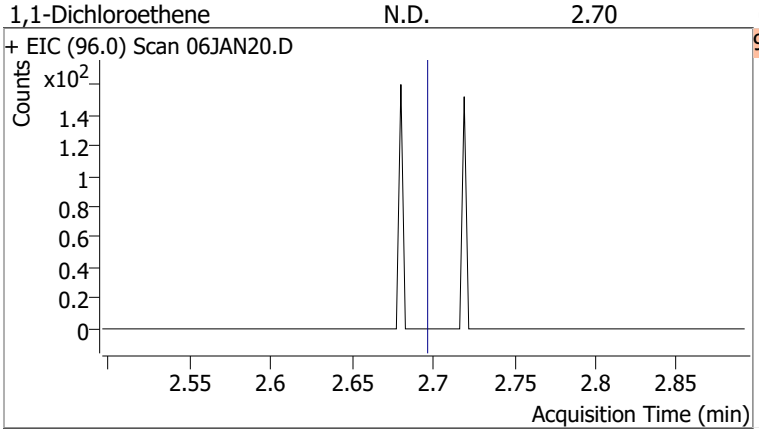


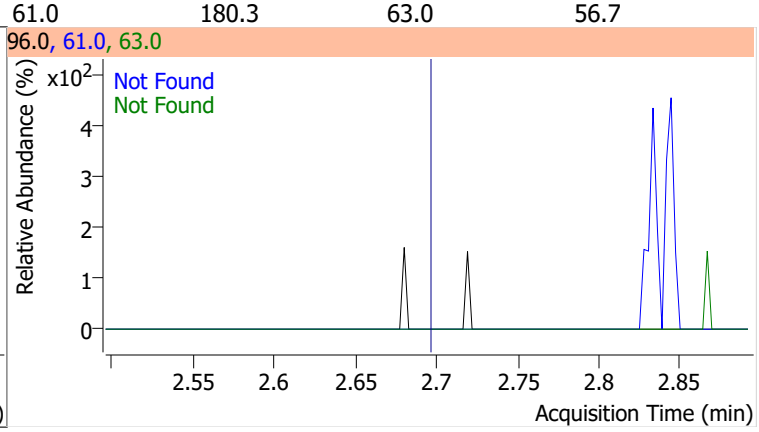
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



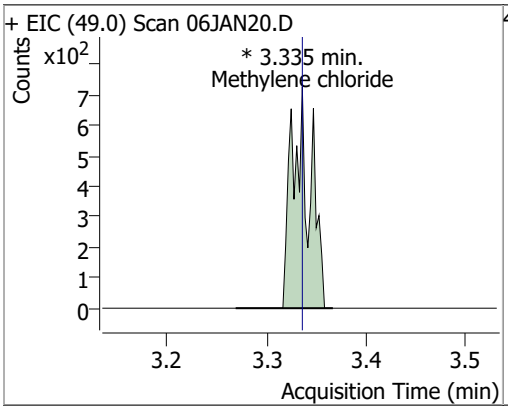


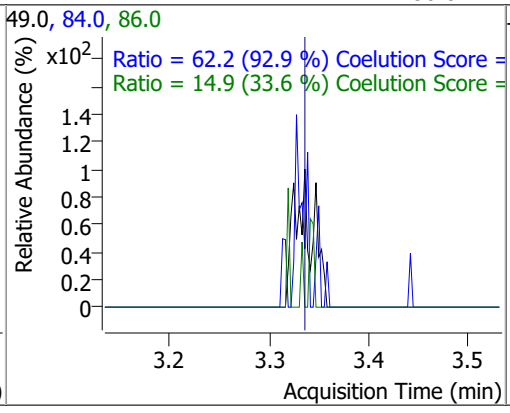
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7

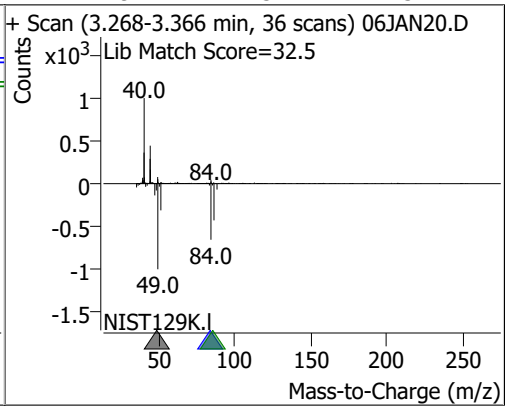




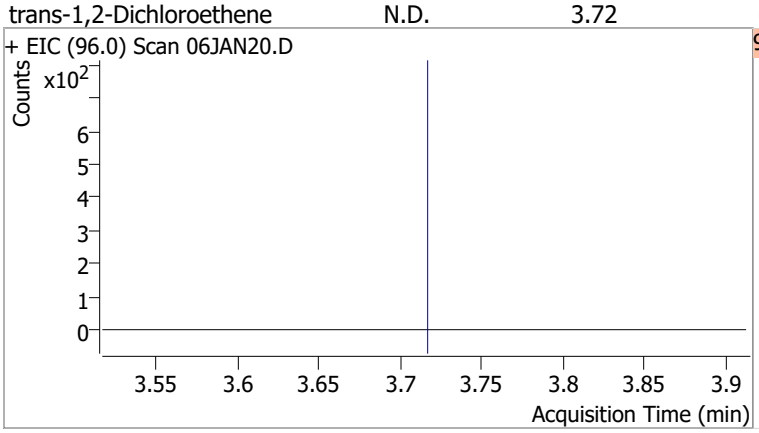
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.7284	3.34	0.00	933 (m)	84.0	62.2	36.9	96.9
					86.0	14.9	14.3	74.3

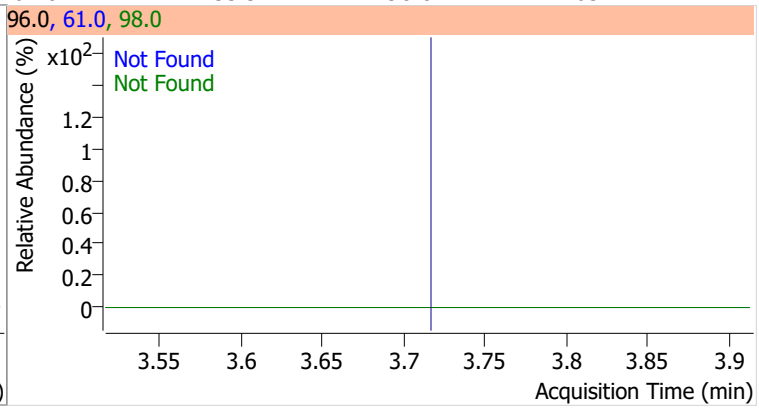




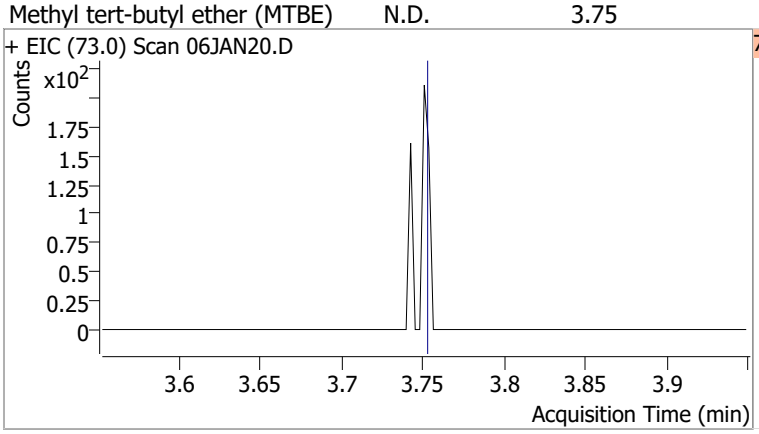


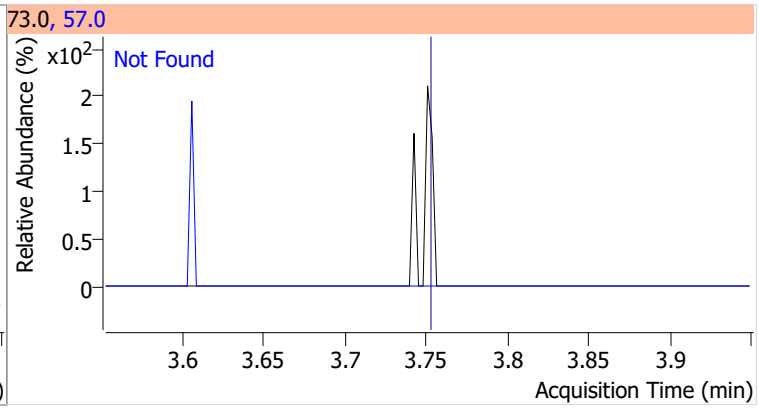
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



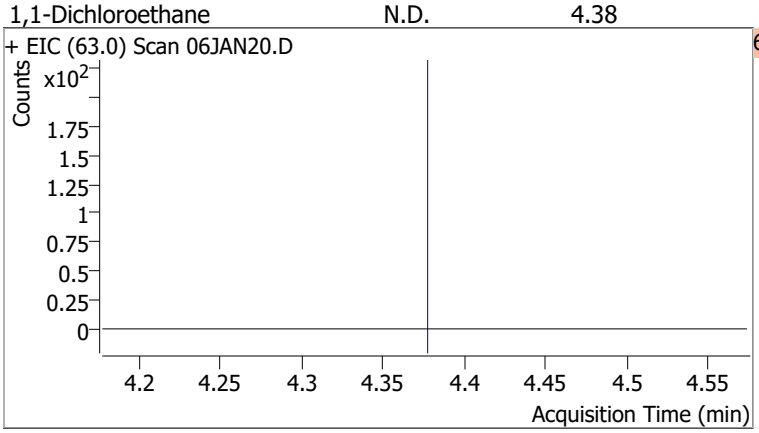


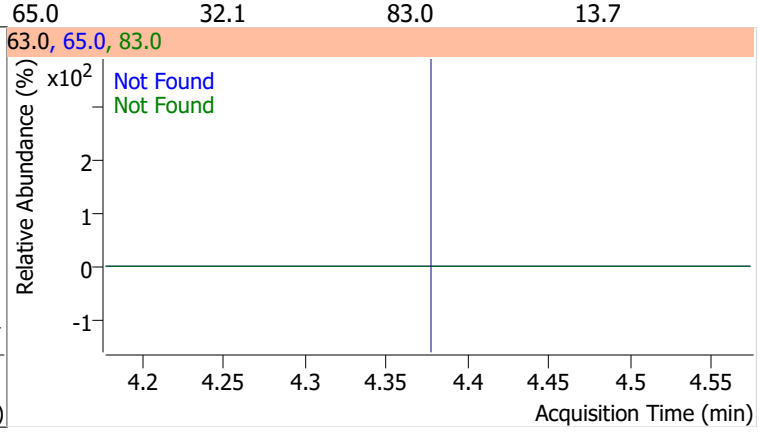
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



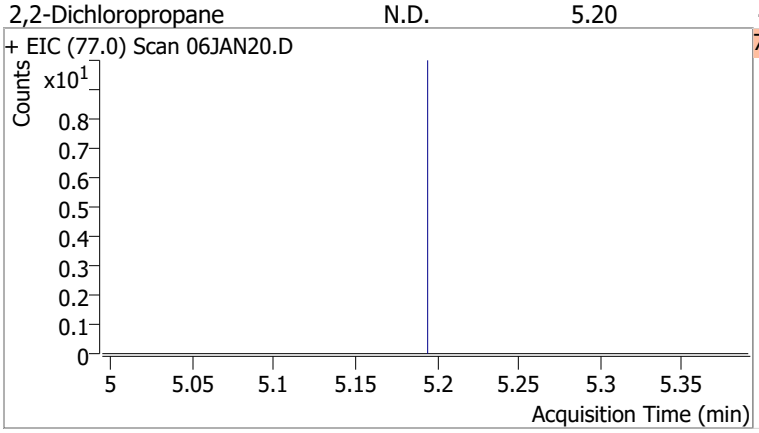


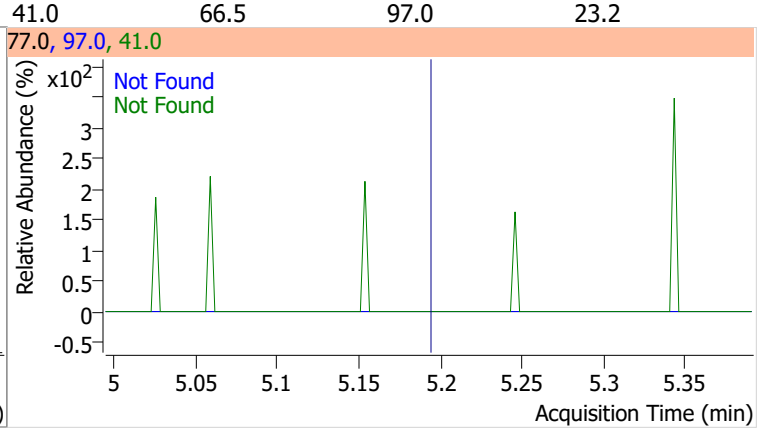
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



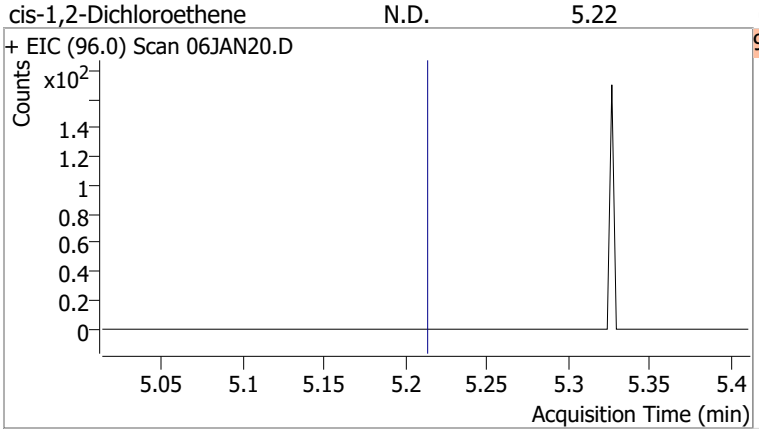


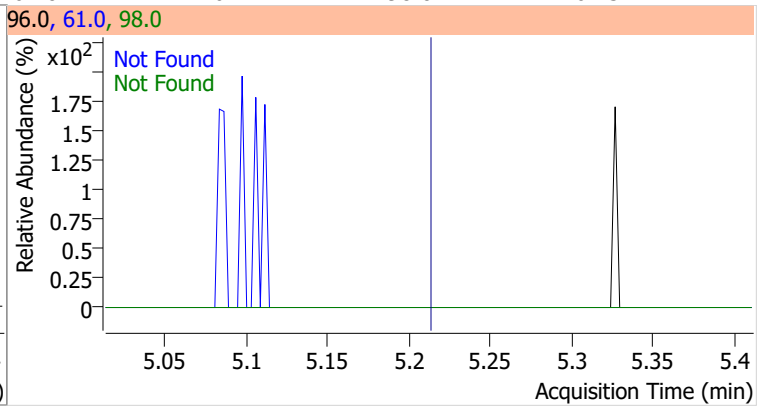
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



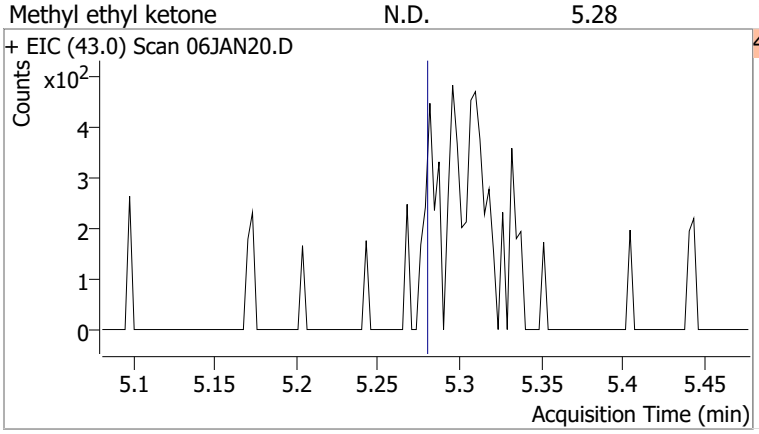


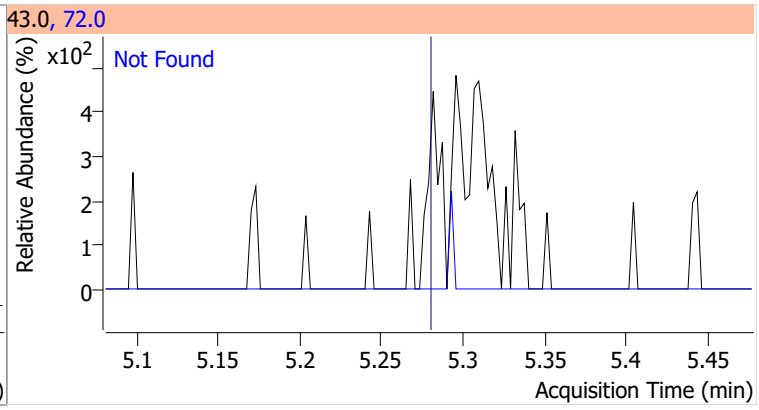
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



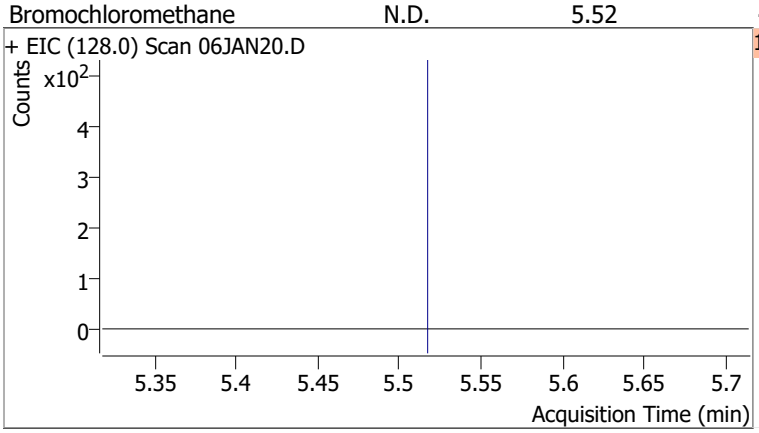


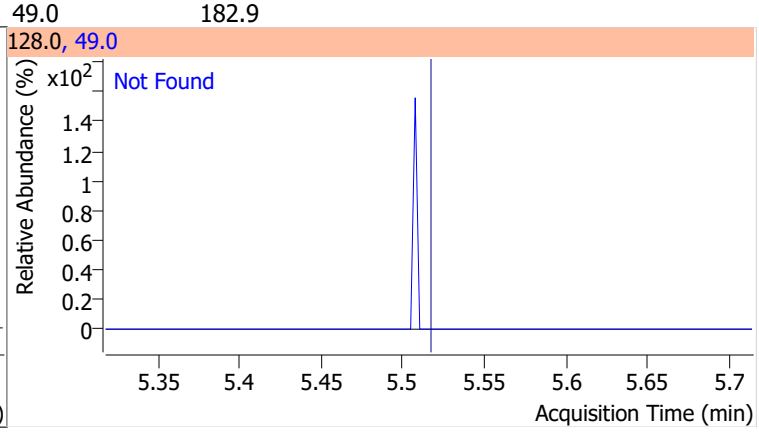
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



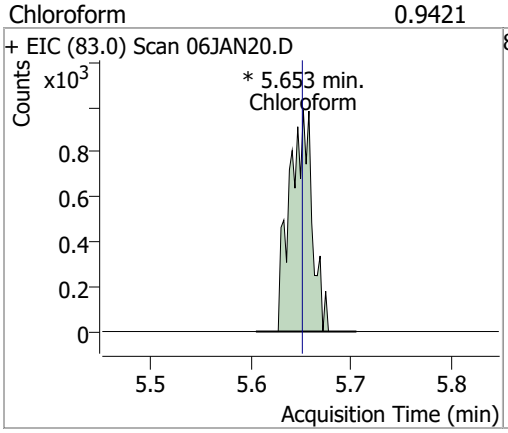


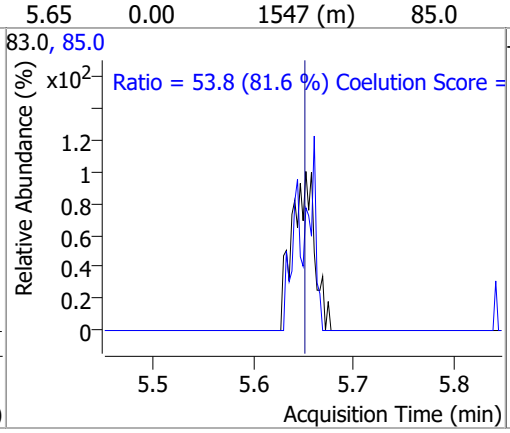
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

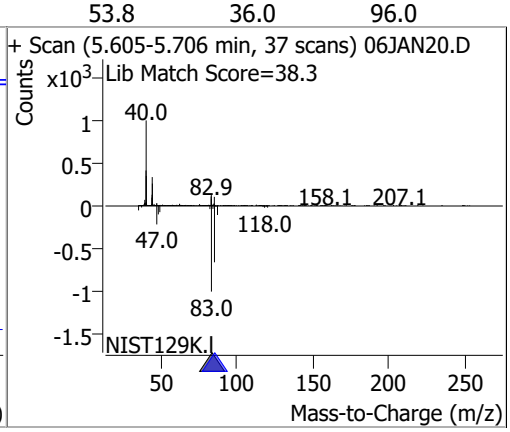




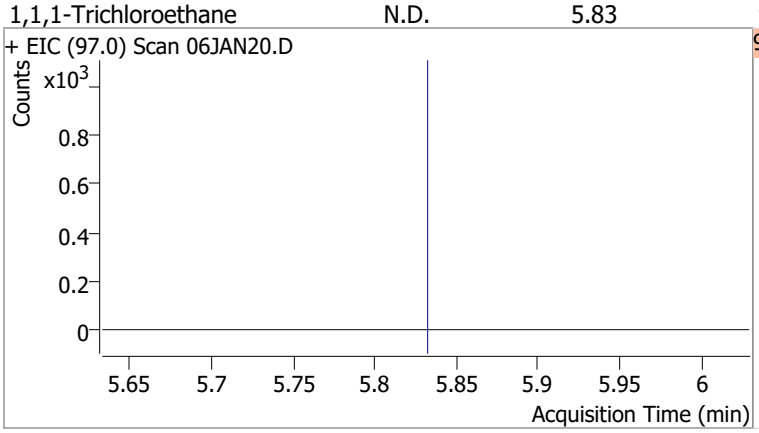
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.9421	5.65	0.00	1547 (m)	85.0	53.8	36.0	96.0

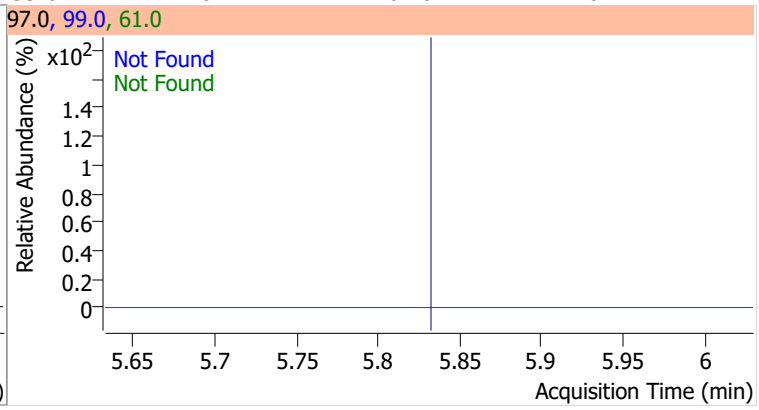




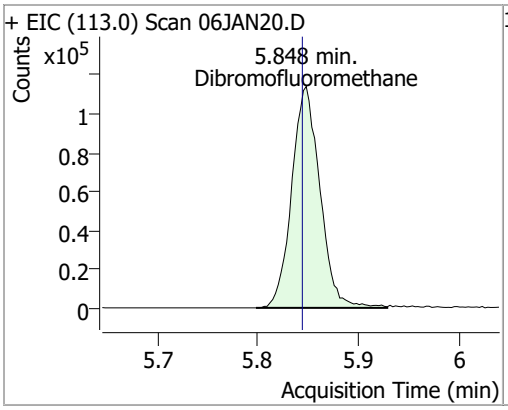


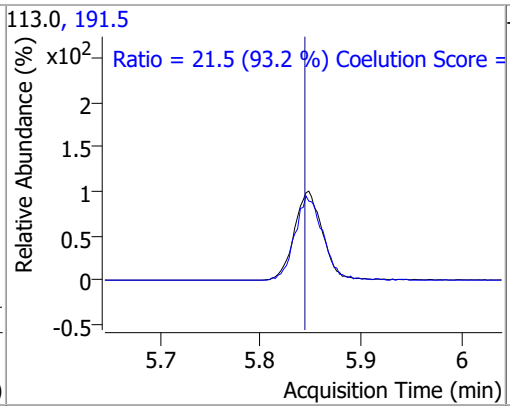
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

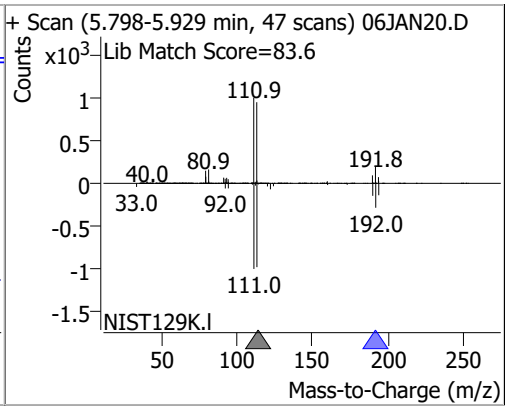




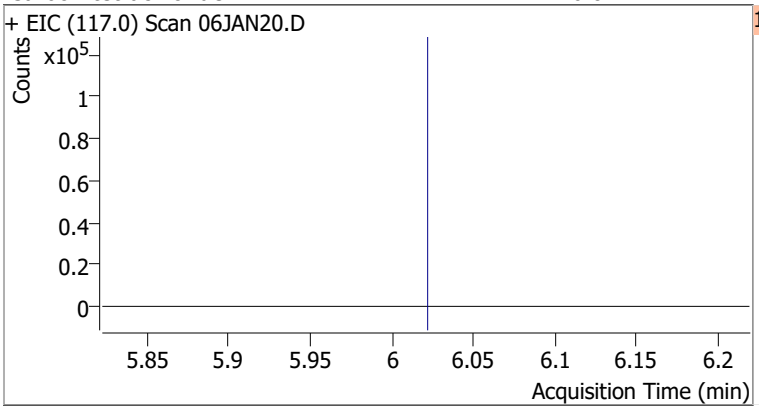
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	275.3936	5.85	0.00	223816	191.5	21.5	0.0	53.1

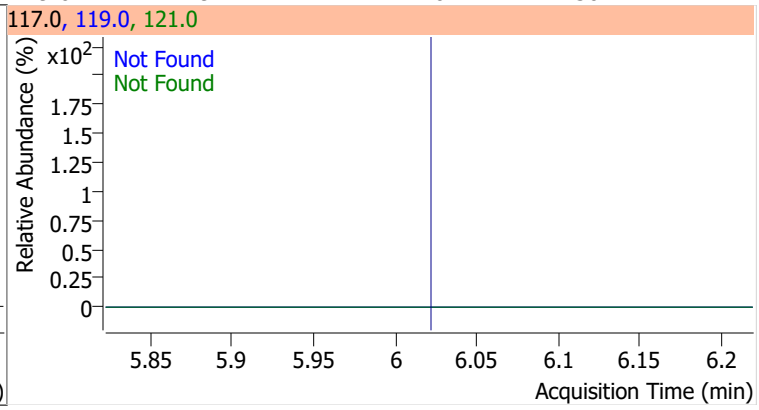




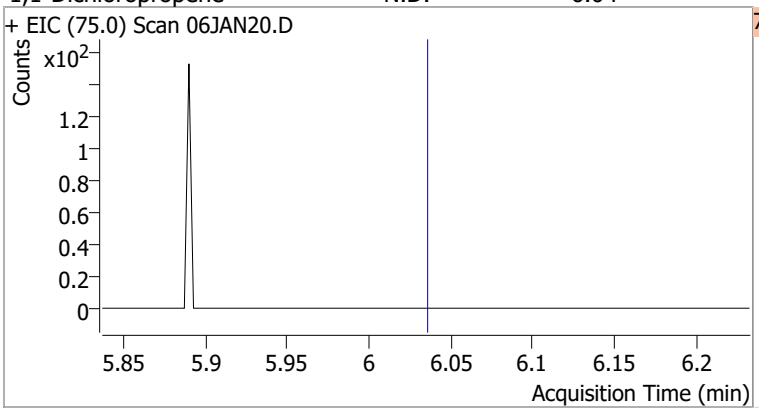


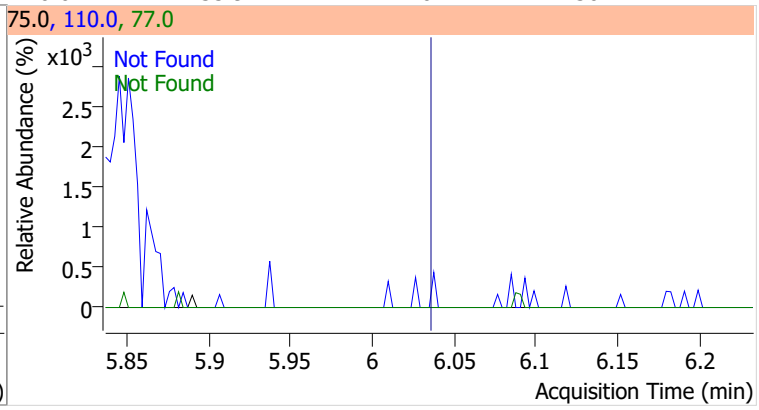
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



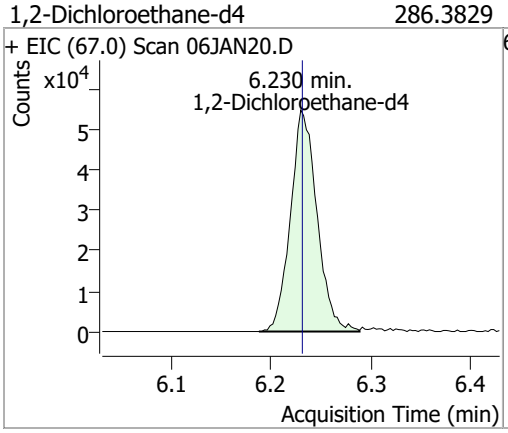


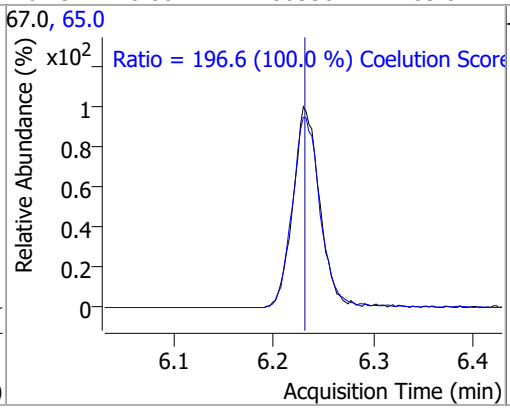
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

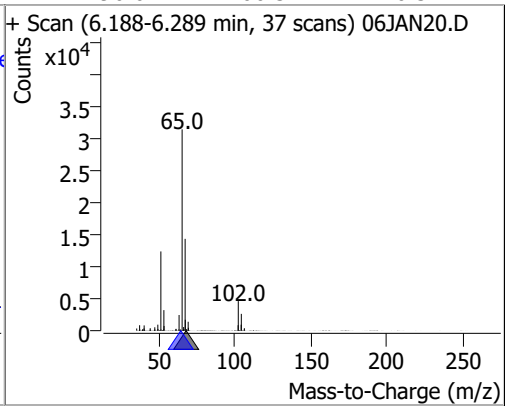




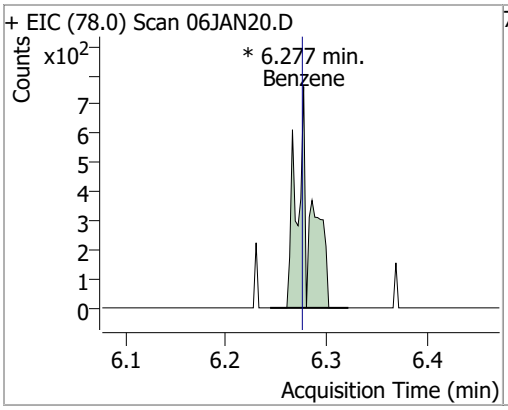
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	286.3829	6.23	0.00	100530	65.0	196.6	166.5	226.5

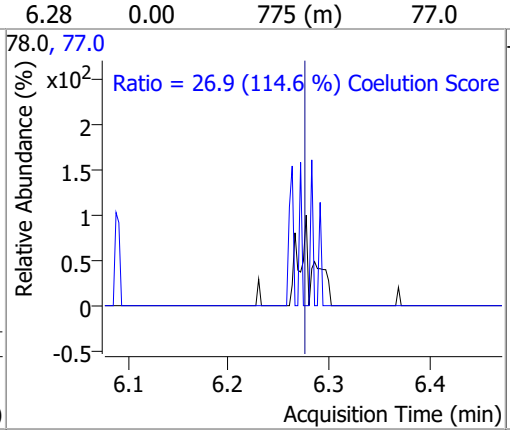


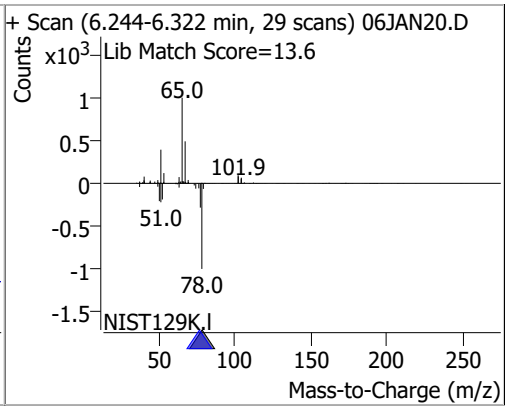




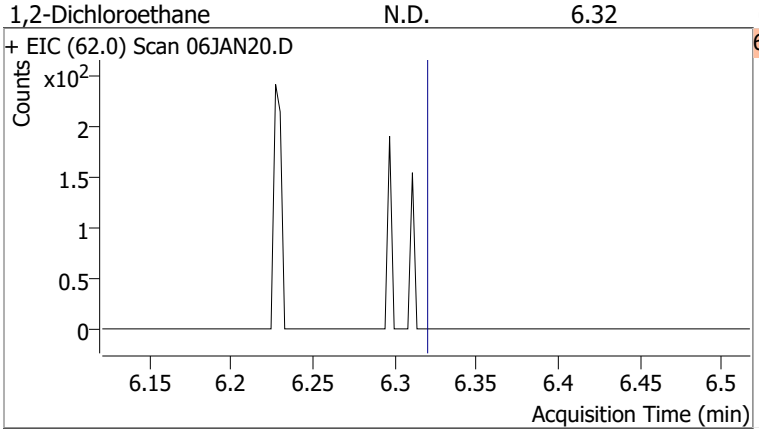
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.2256	6.28	0.00	775 (m)	77.0	26.9	0.0	53.5

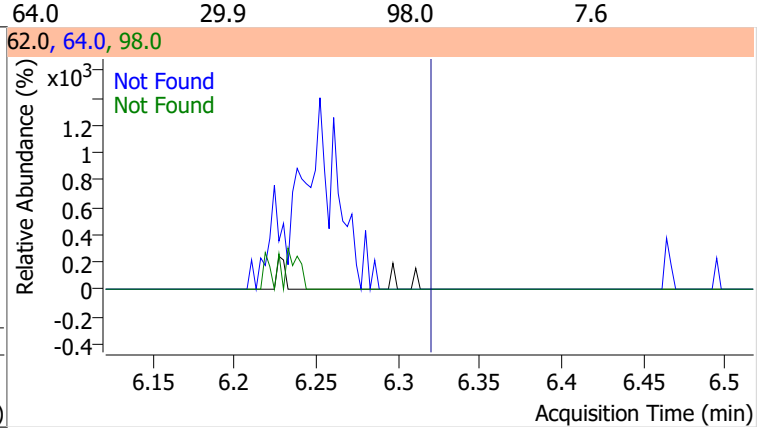




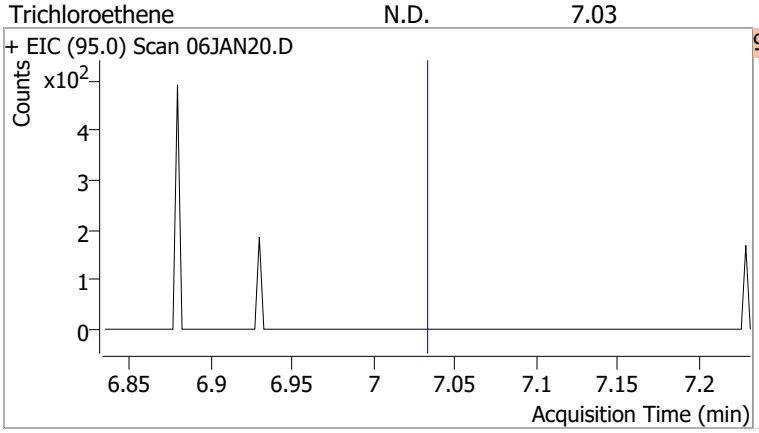


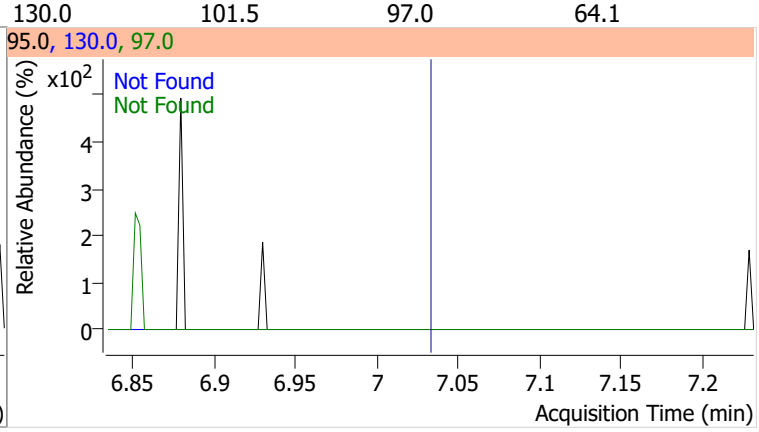
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



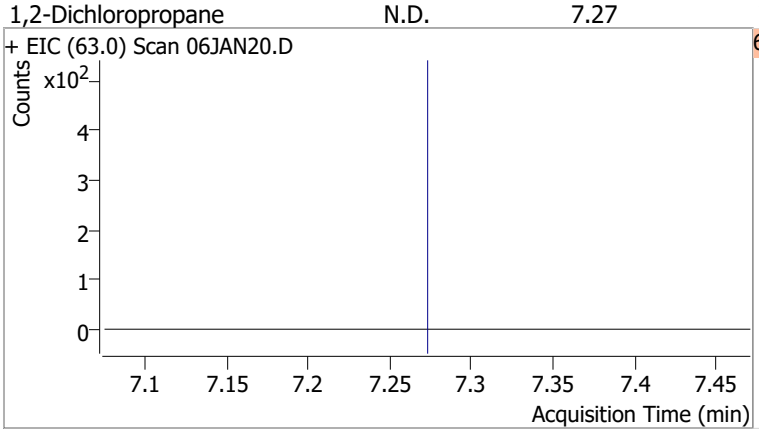


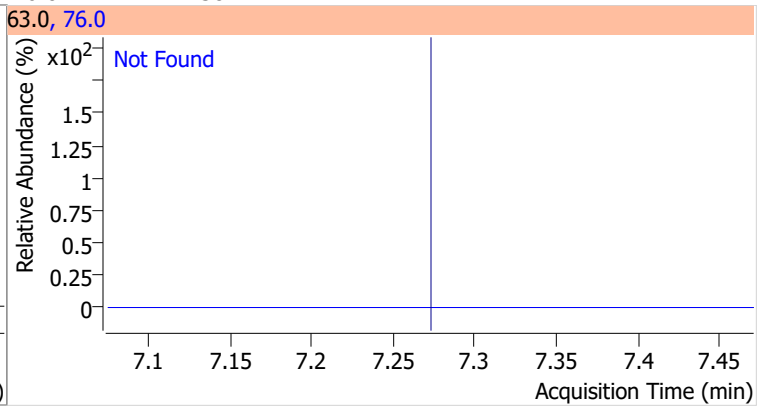
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



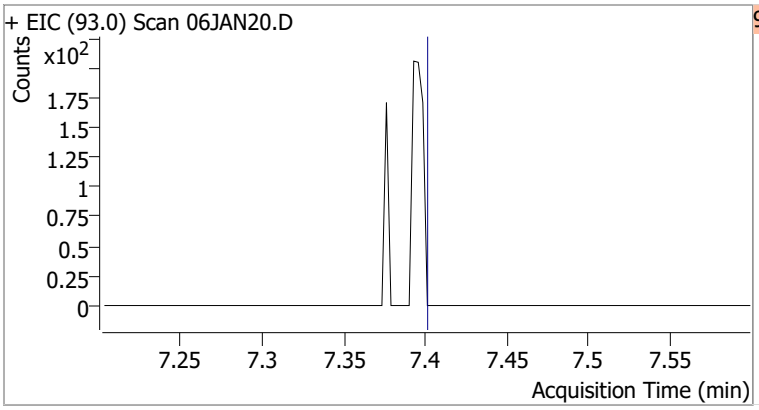


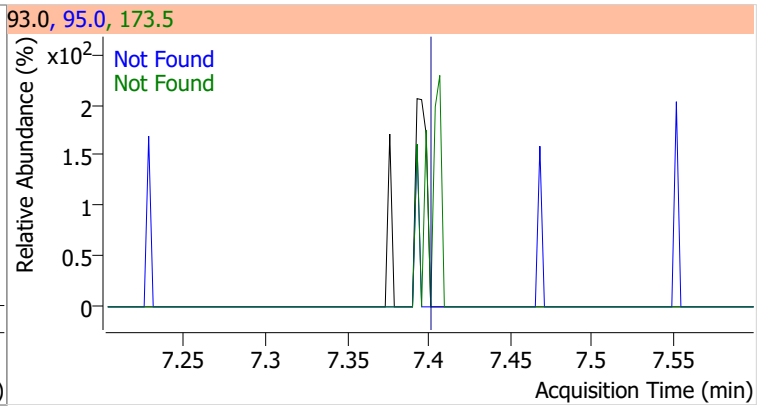
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



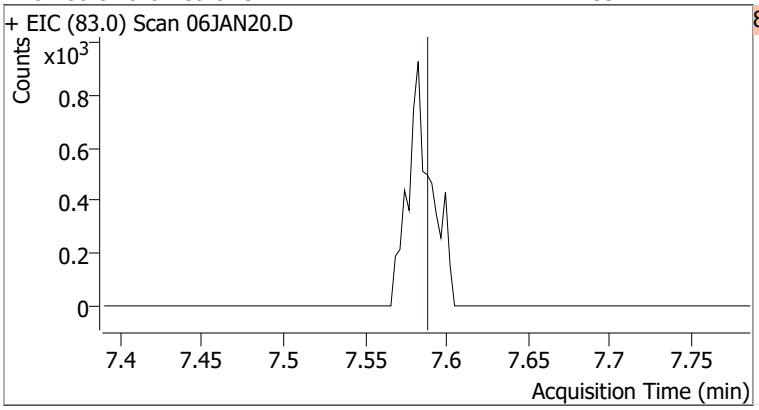


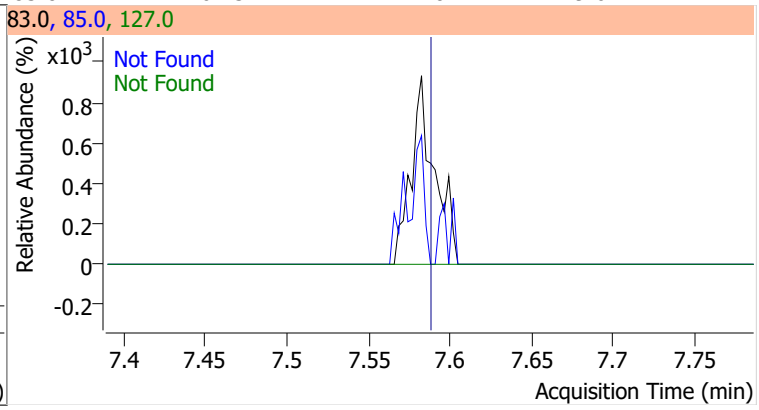
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	113.7	95.0	82.2



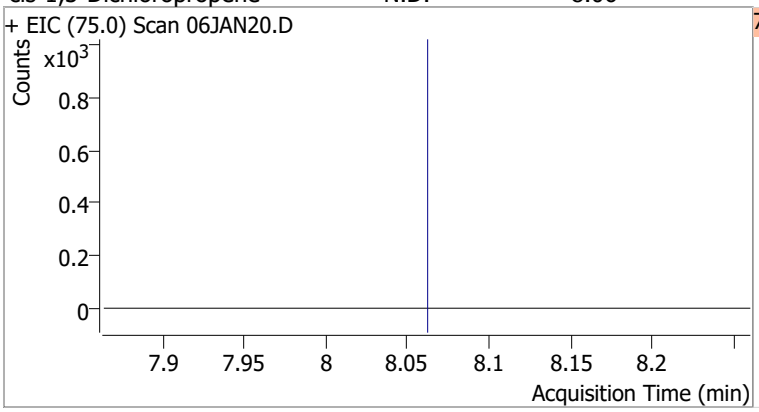


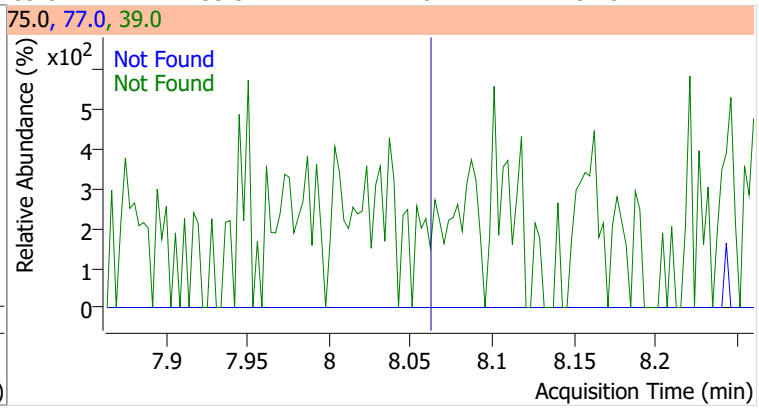
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



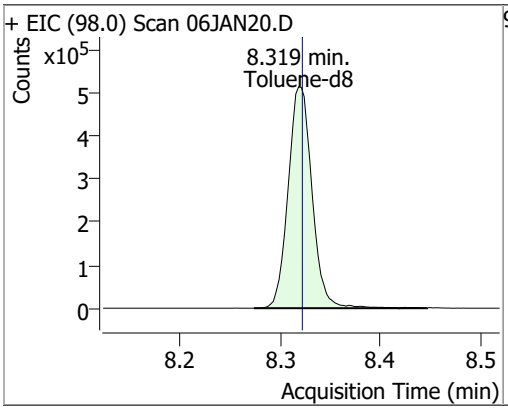


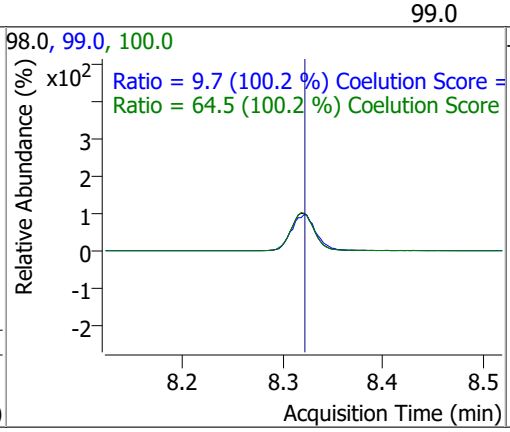
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

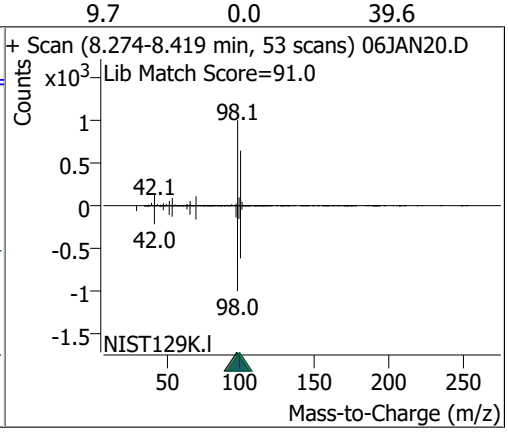




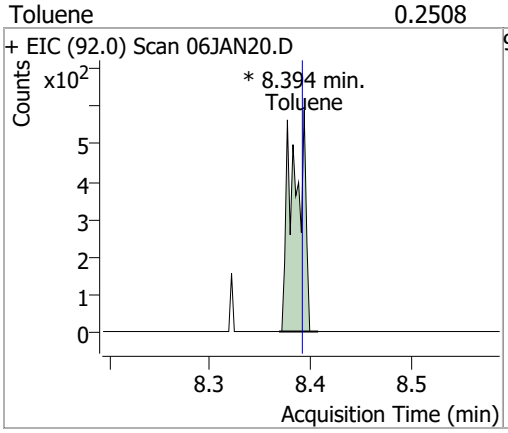
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	256.5762	8.32	0.00	850411	100.0	64.5	34.4	94.4
					99.0	9.7	0.0	39.6

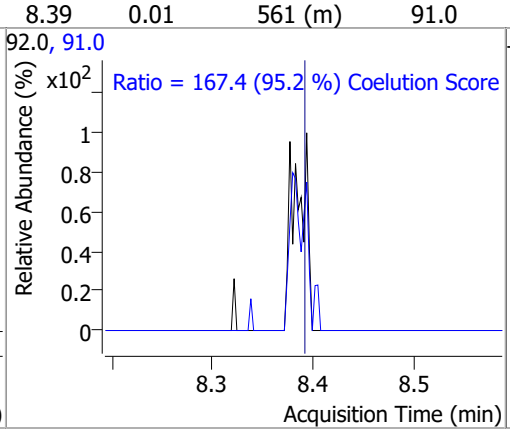


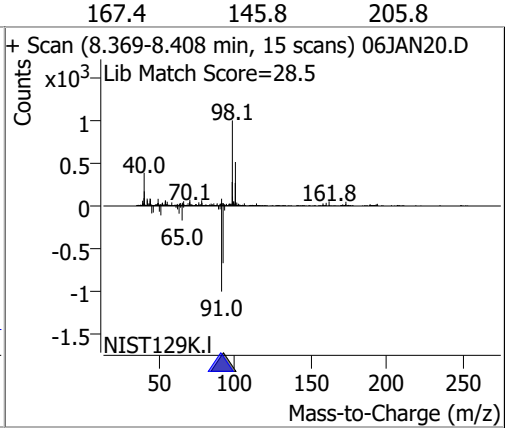




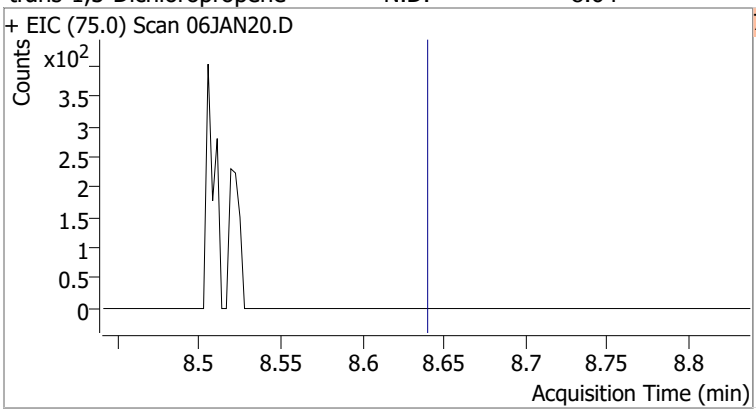
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.2508	8.39	0.01	561 (m)	91.0	167.4	145.8	205.8

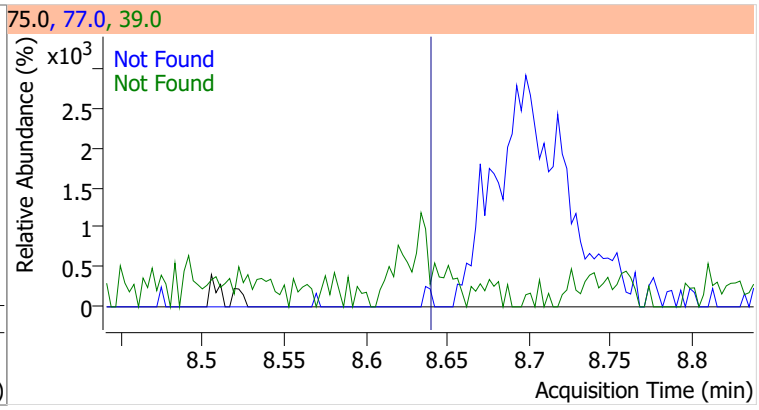




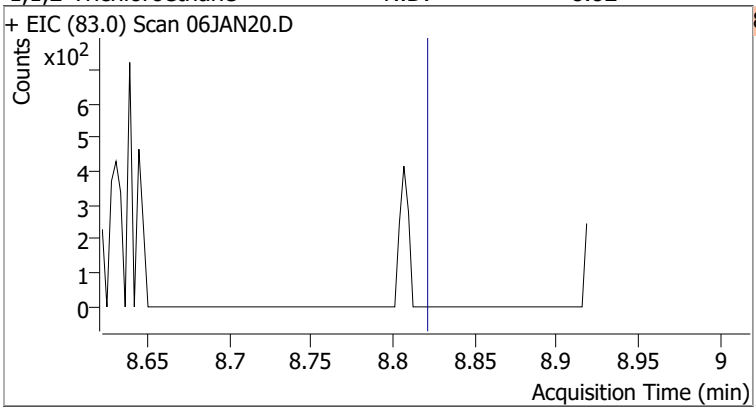


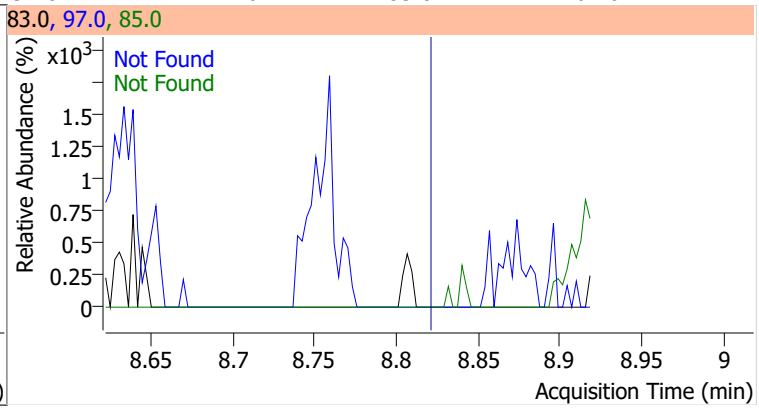
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4



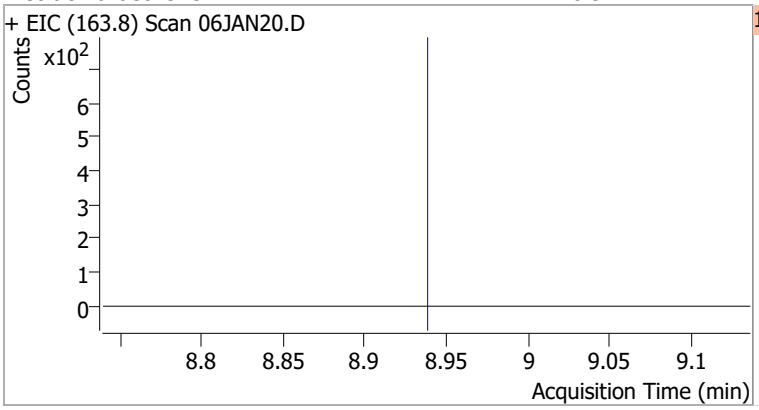


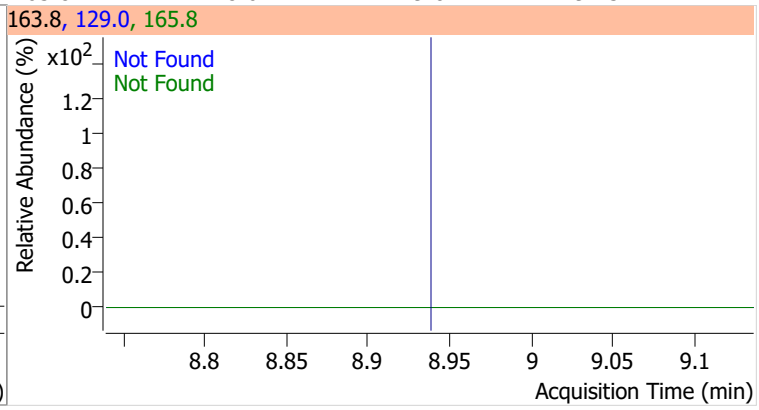
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6



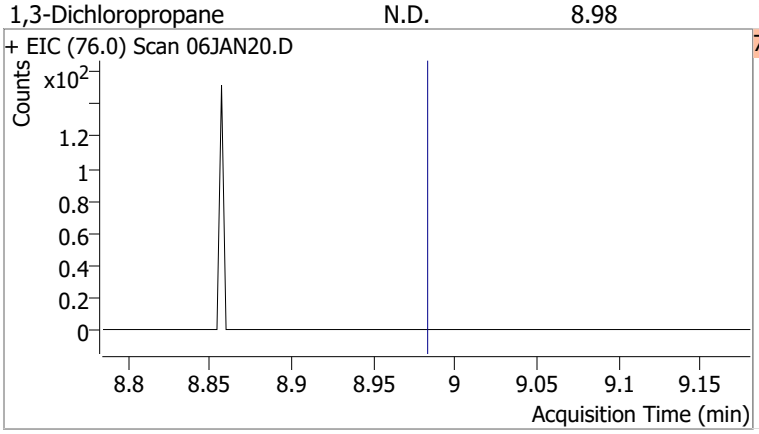


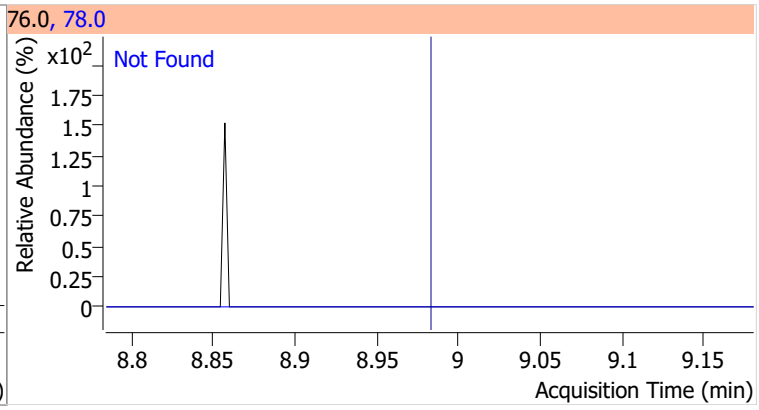
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



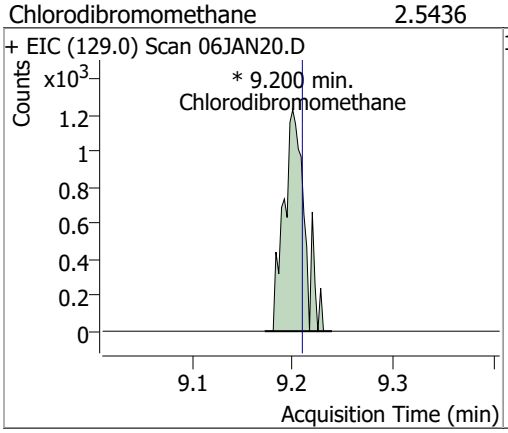


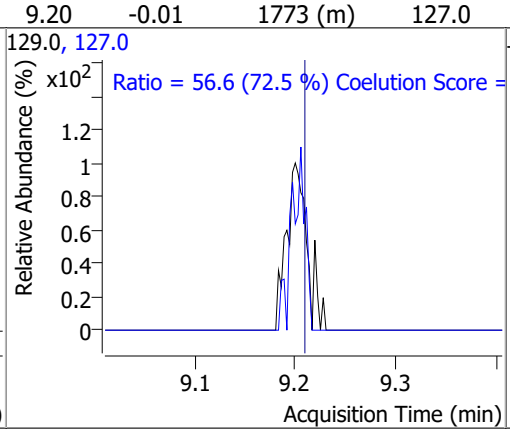
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9

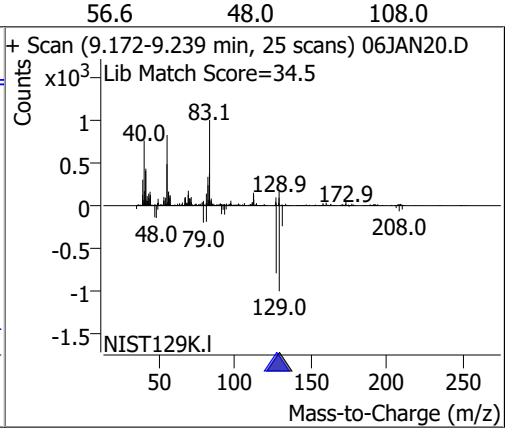




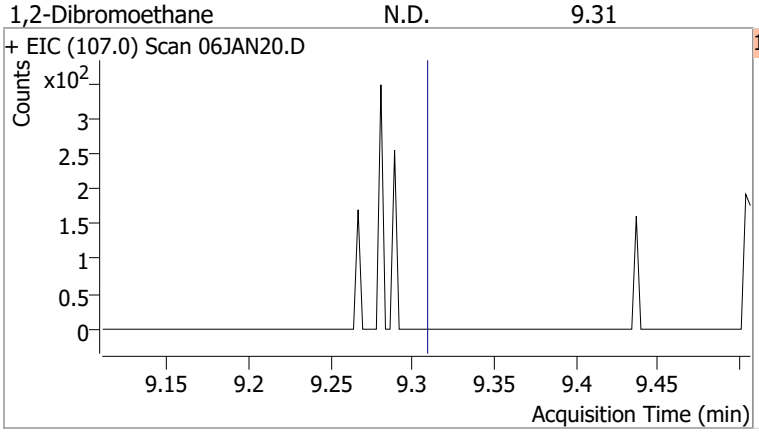
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	2.5436	9.20	-0.01	1773 (m)	127.0	56.6	48.0	108.0

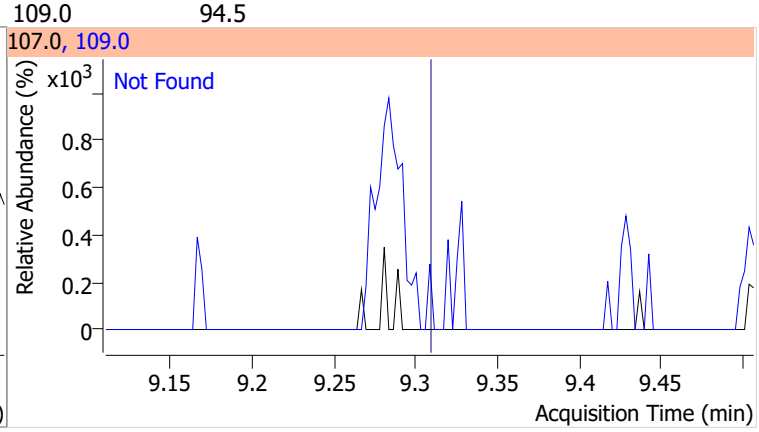




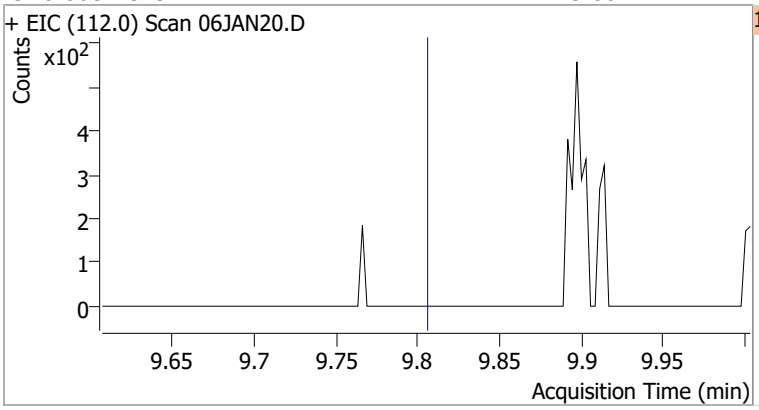


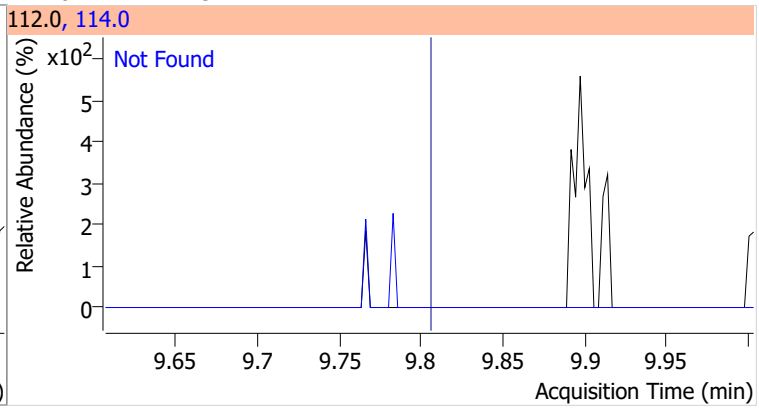
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



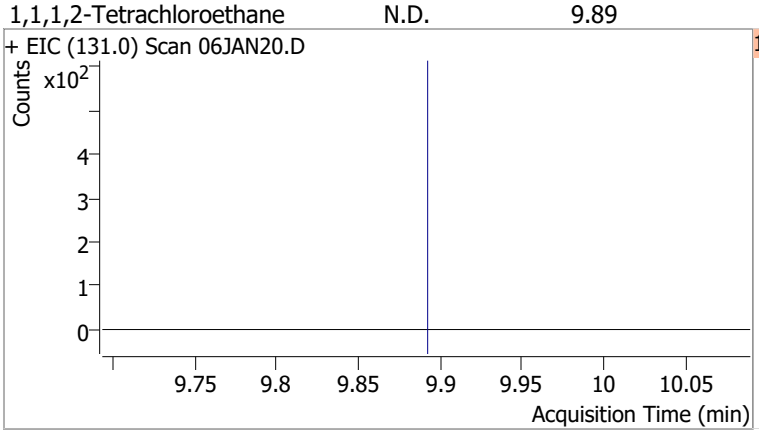


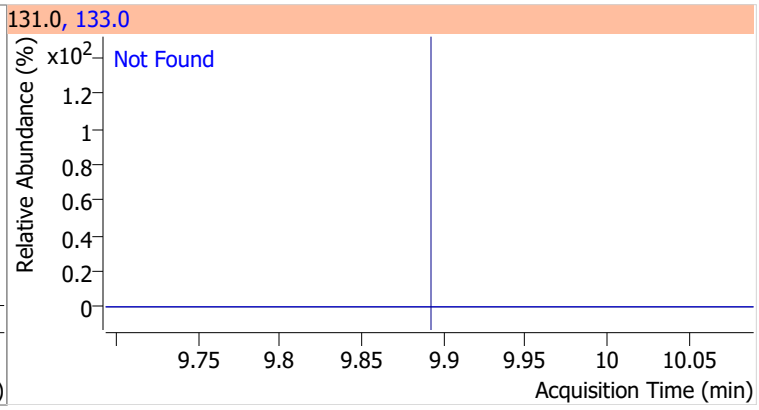
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



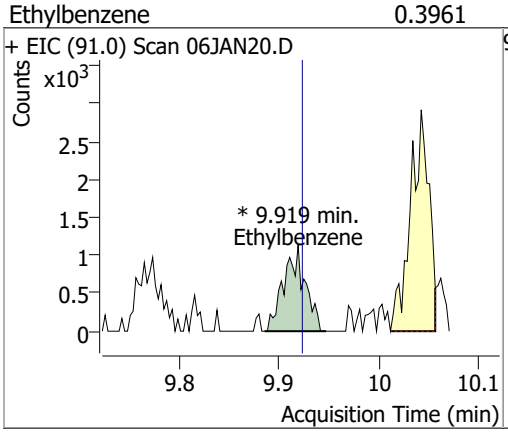


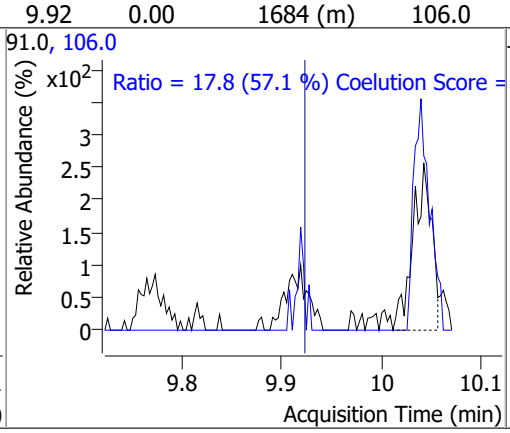
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6

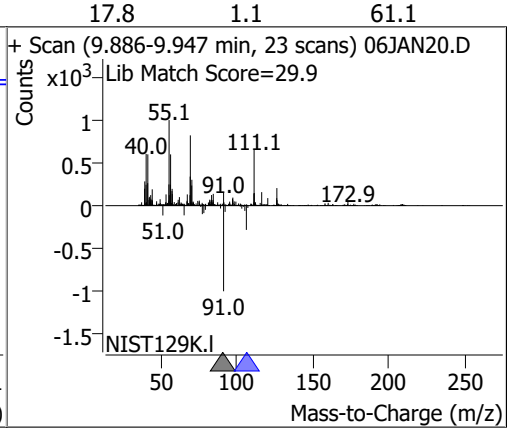




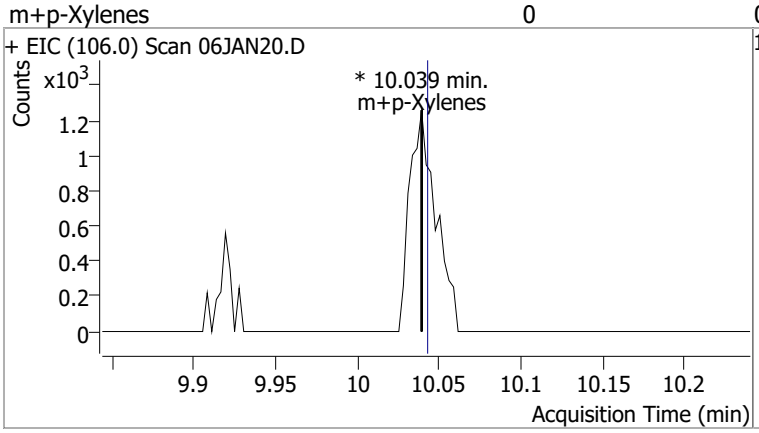
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.3961	9.92	0.00	1684 (m)	106.0	17.8	1.1	61.1

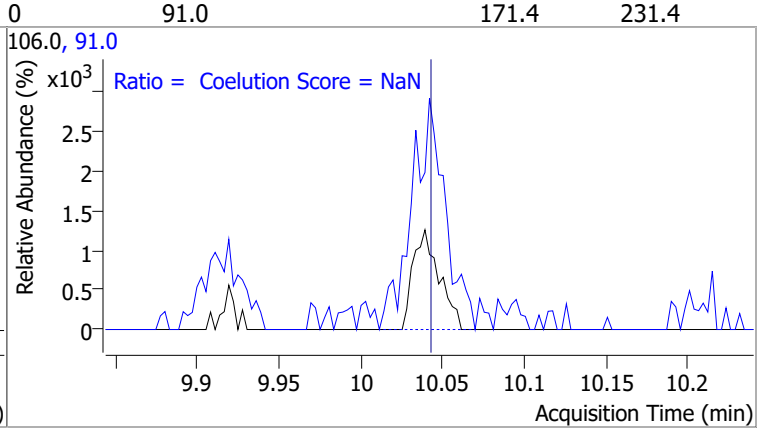




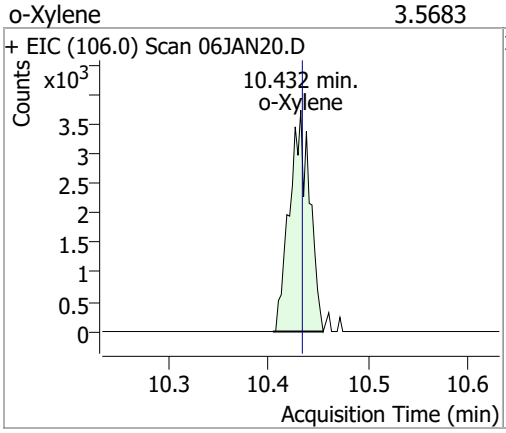


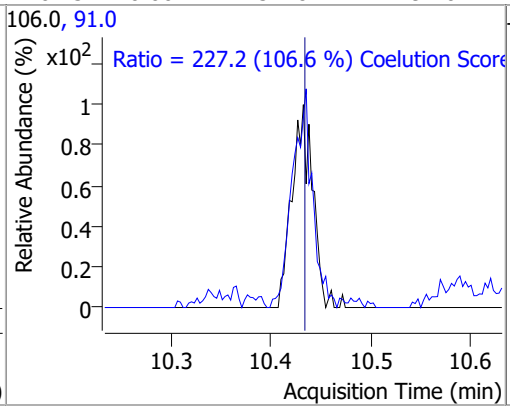
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		171.4	231.4

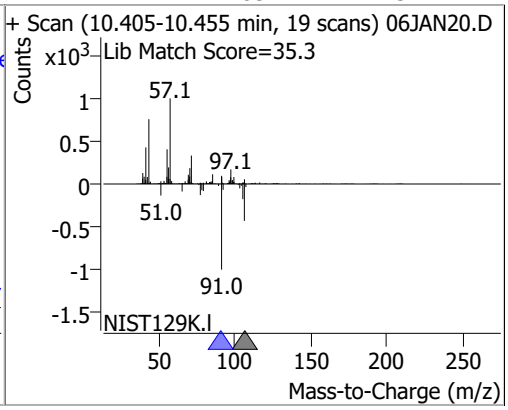




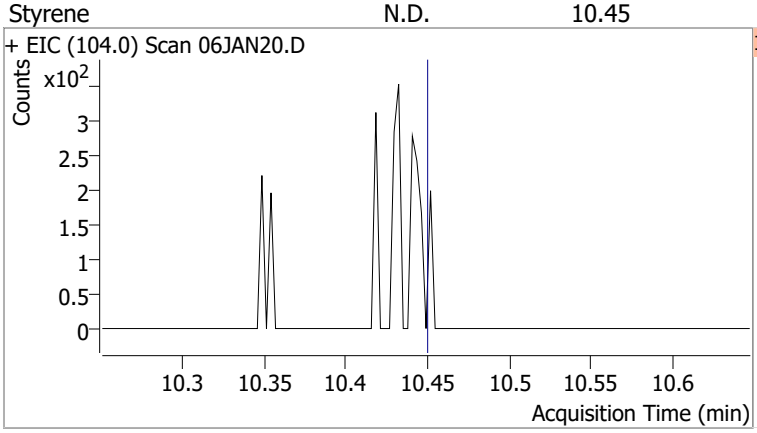
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	3.5683	10.43	0.00	5248	91.0	227.2	183.1	243.1

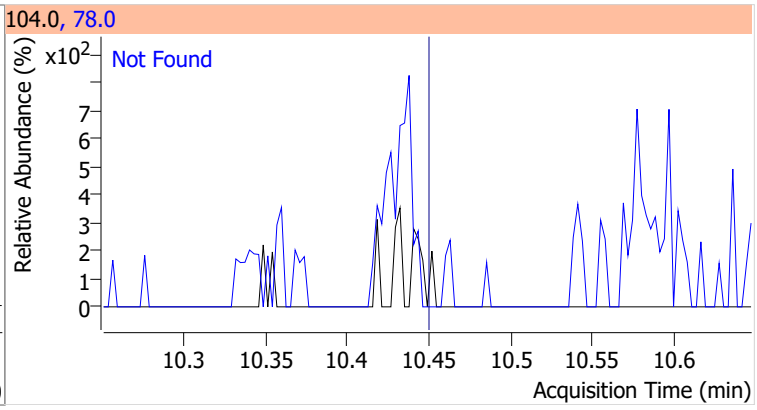




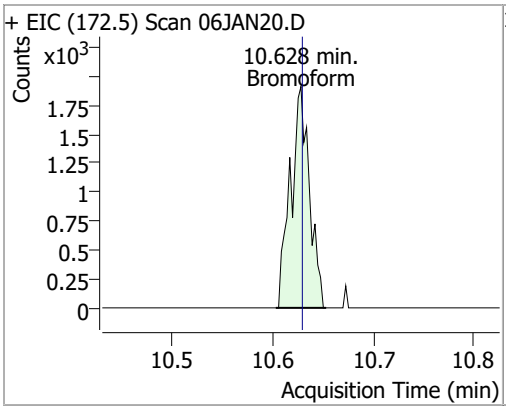


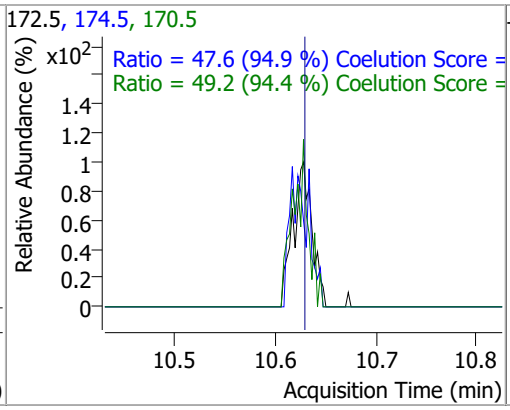
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6

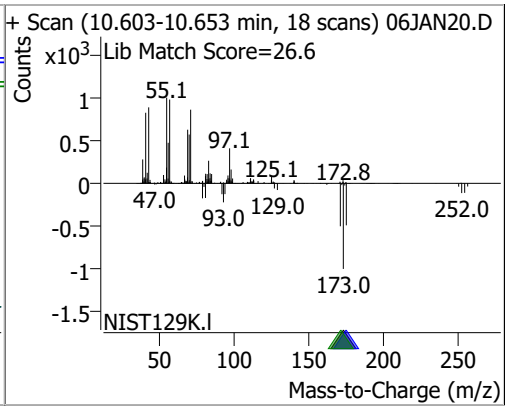




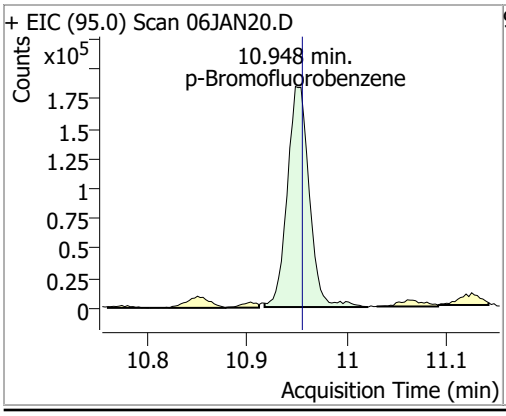
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	7.4545	10.63	0.00	2499	170.5	49.2	22.1	82.1
					174.5	47.6	20.1	80.1

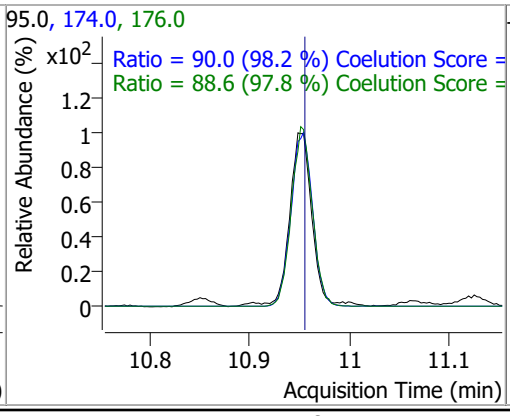


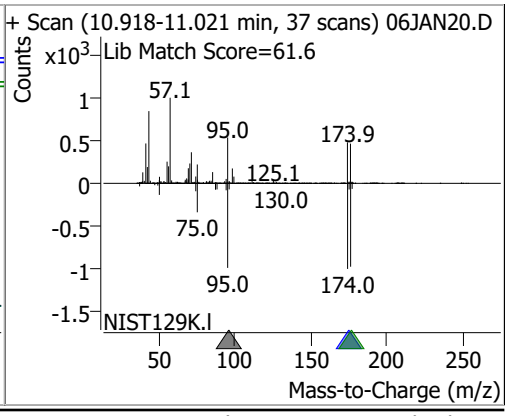




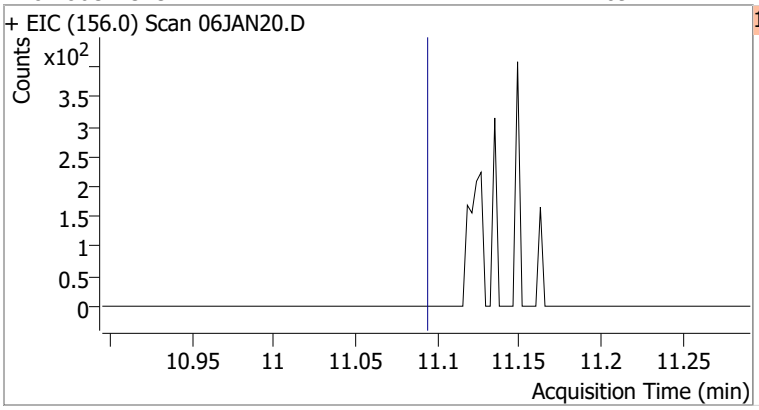
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	292.4843	10.95	-0.01	280705	174.0	90.0	61.7	121.7
					176.0	88.6	60.6	120.6

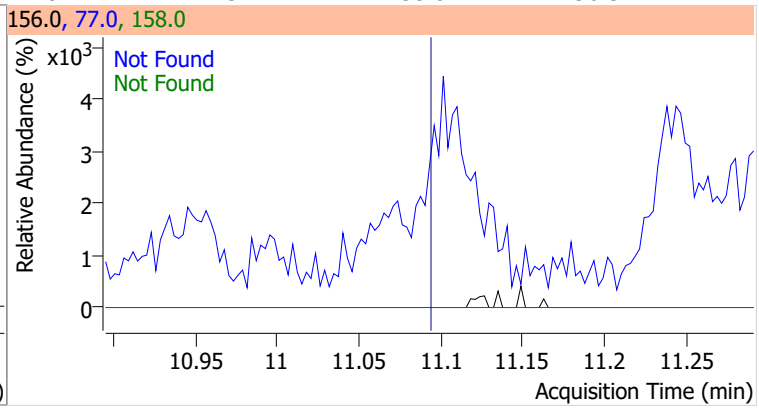




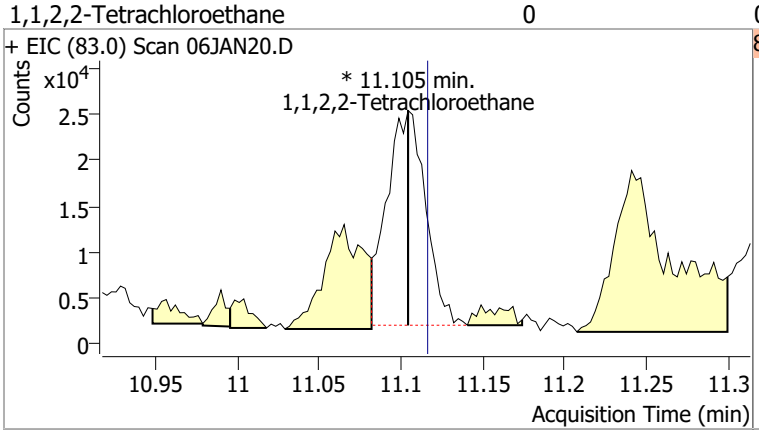


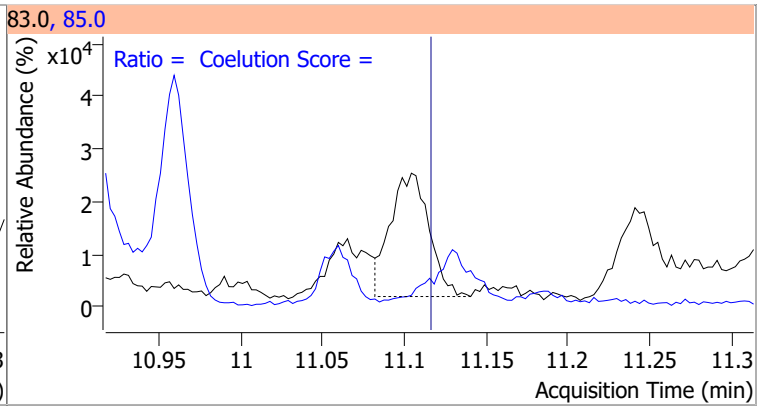
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



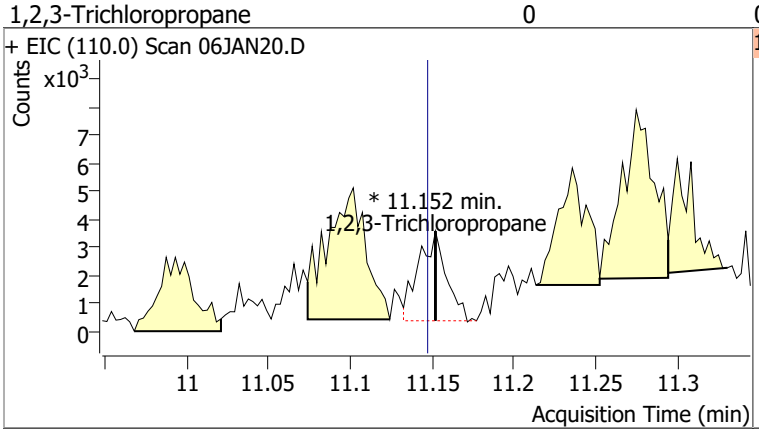


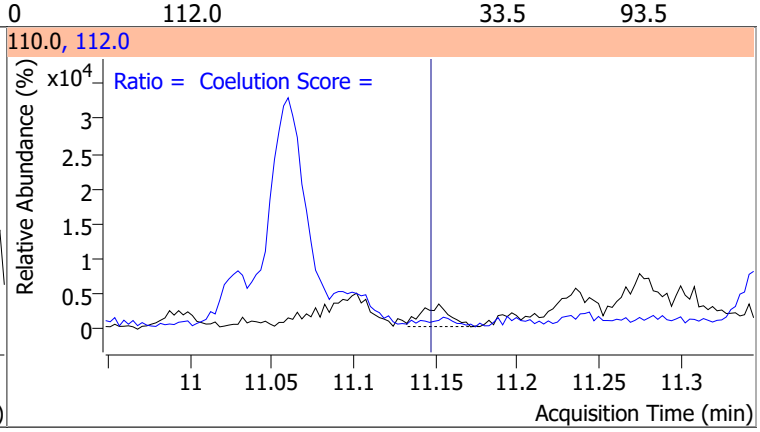
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane		0		0	85.0		36.2	96.2



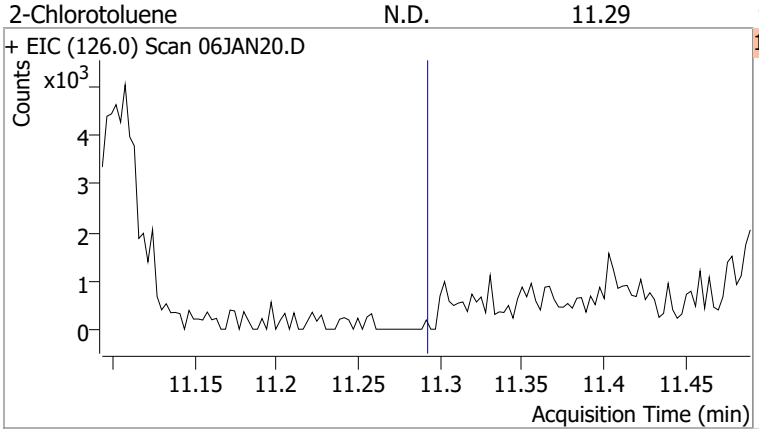


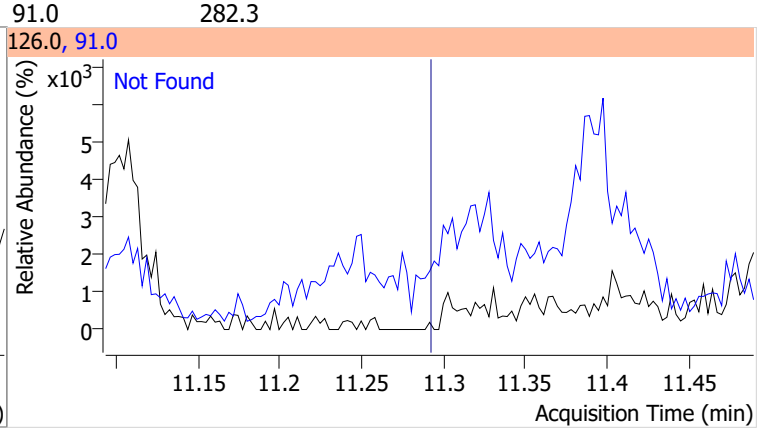
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane		0		0	112.0		33.5	93.5



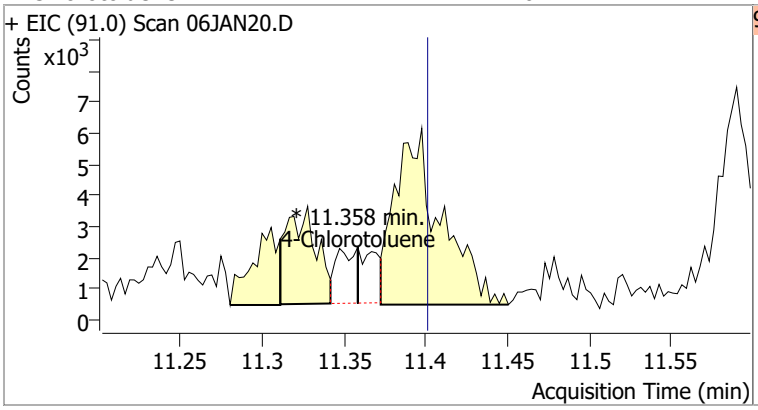


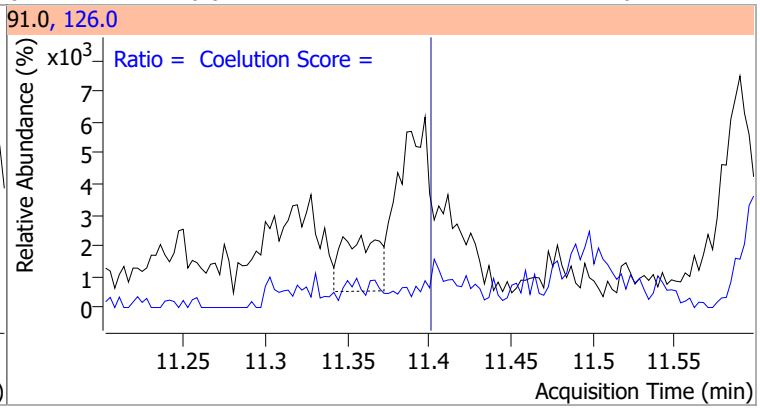
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



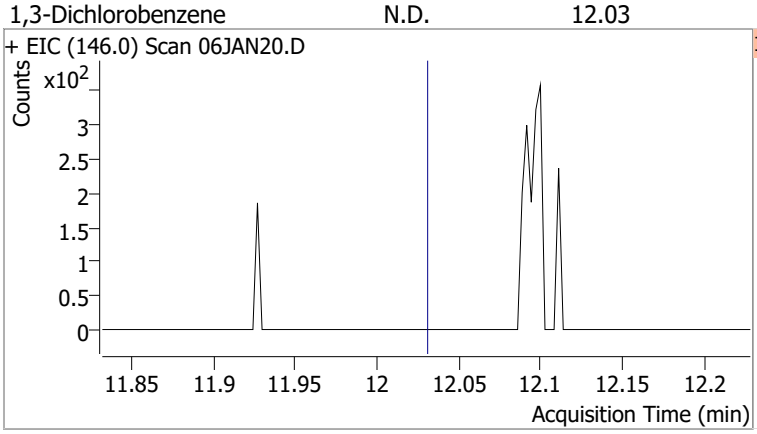


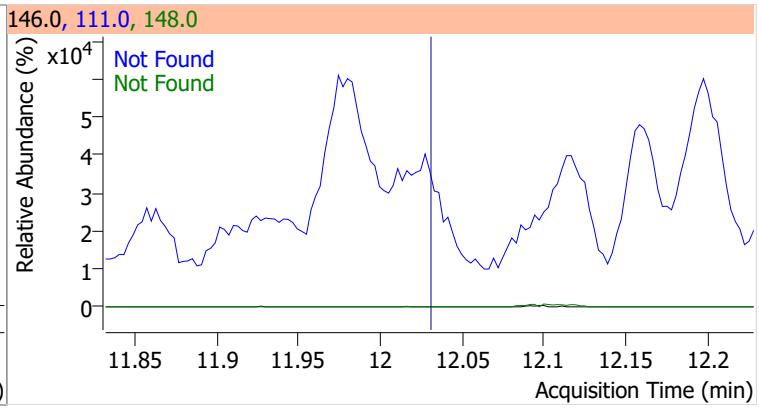
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene		0		0	126.0		1.7	61.7



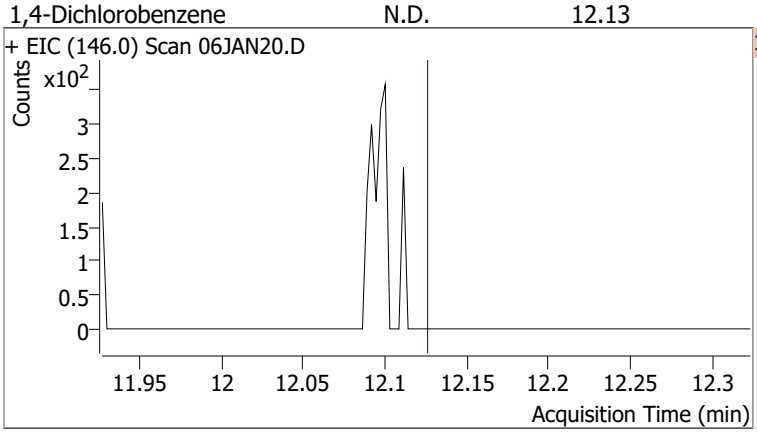


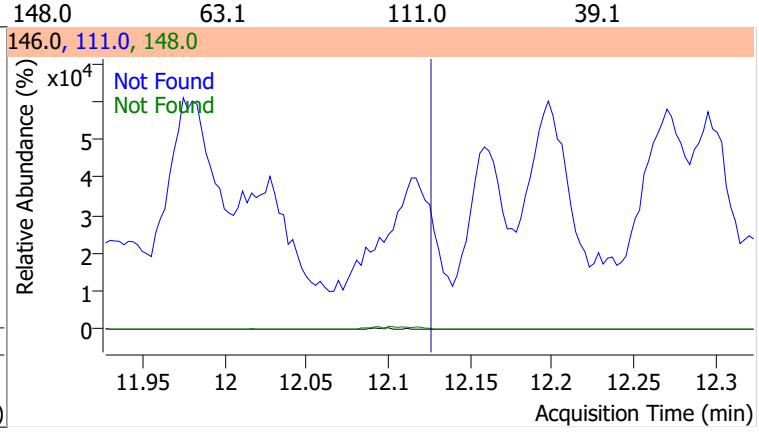
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



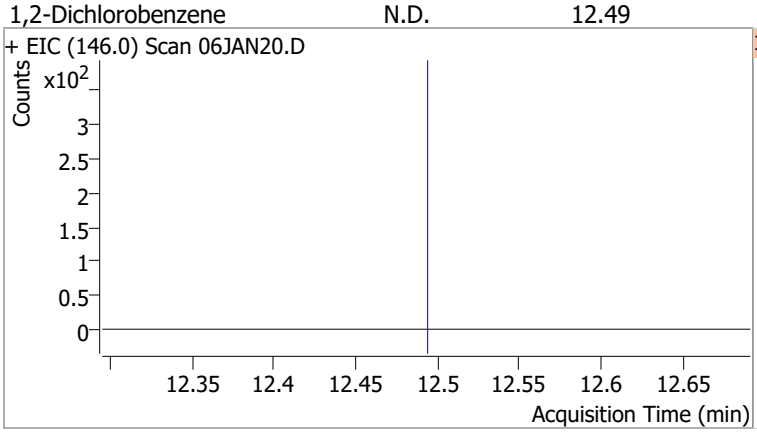


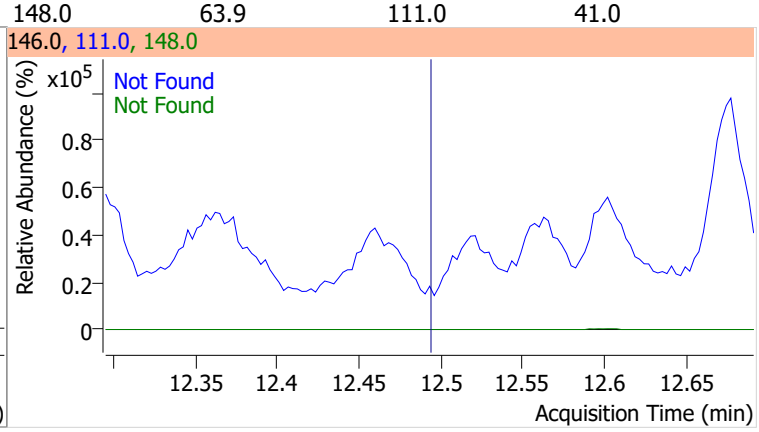
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





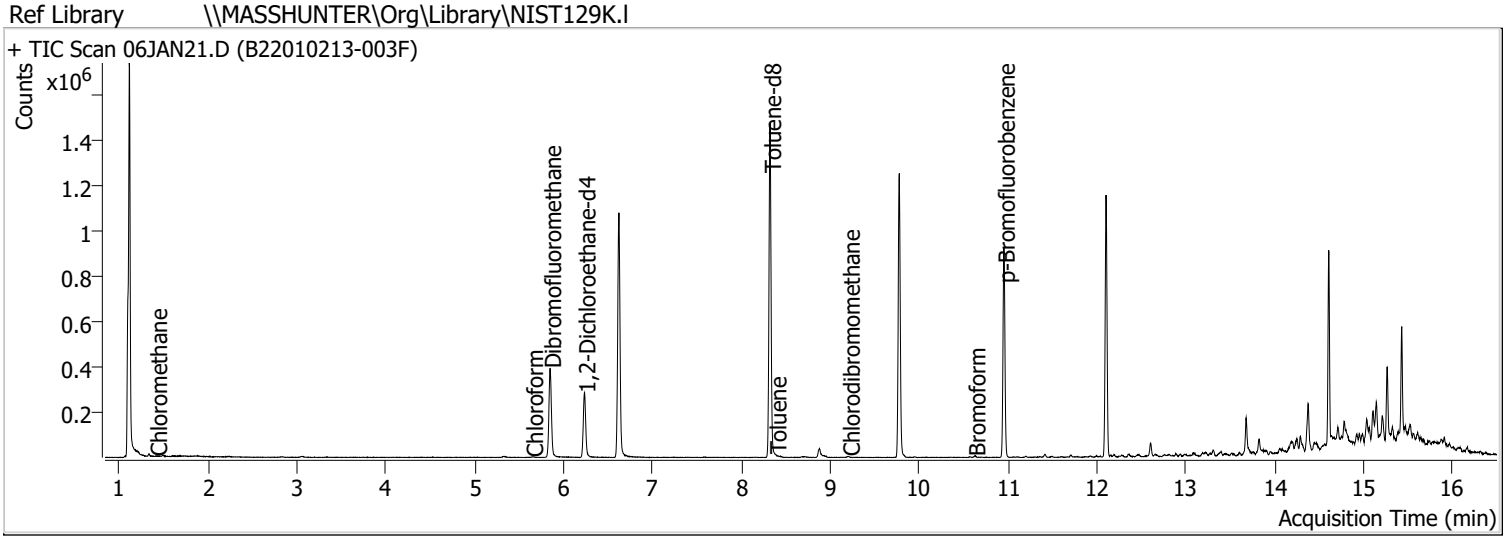
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0





Quantitation Results Report (QT Reviewed)

Data File	06JAN21.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 7:00:17 PM
Sample Name	B22010213-003F	Instrument	VOA5975C
Vial	21	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

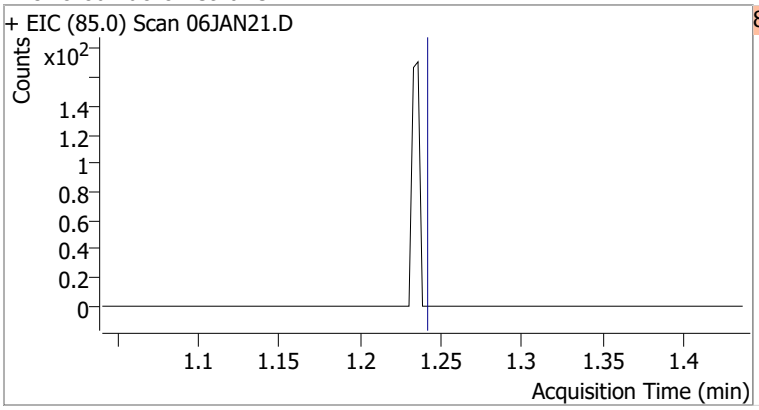


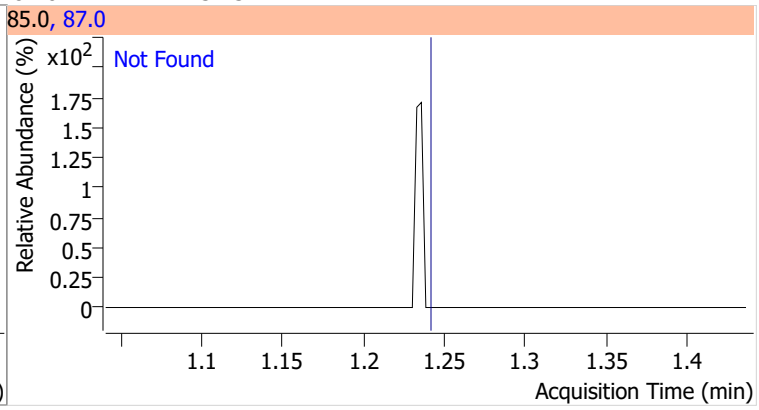
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	905400	250.0000	ng		-0.003
M Chlorobenzene-d5	9.772	82.0	351458	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	272211	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	231062	270.8884	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.36%			
S 1,2-Dichloroethane-d4	6.233	67.0	102943	279.4135	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 111.77%			
S Toluene-d8	8.322	98.0	898148	265.1885	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.08%			
S p-Bromofluorobenzene	10.951	95.0	271169	271.9172	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.77%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.417	50.0	627	0.4354	ng	m	65
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	0.000		0	N.D.			
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.644	83.0	2129	1.2352	ng		90

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	7.396	93.0	0		ng	md	1
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.383	92.0	244	0.1068	ng	m	99
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	9.208	129.0	2119	2.9745	ng	m	98
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.045	106.0	0		ng	md	1
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	10.619	172.5	2688	7.7166	ng		85
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

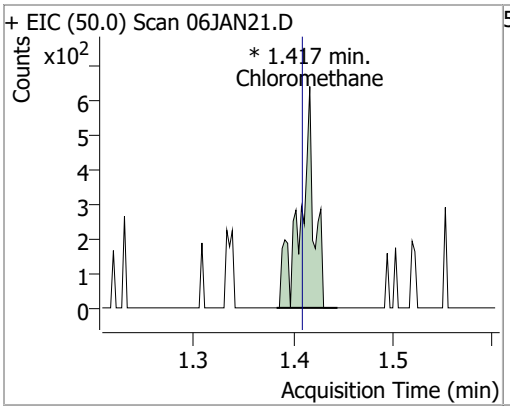
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

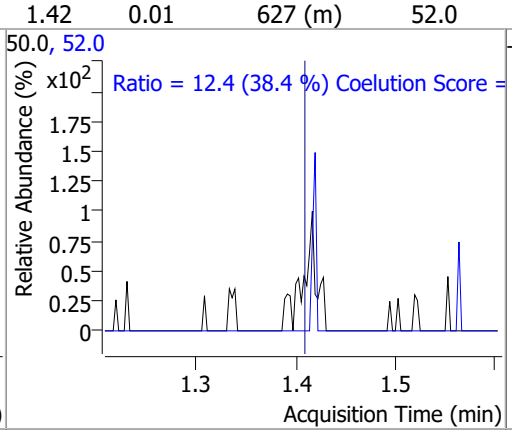
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.3

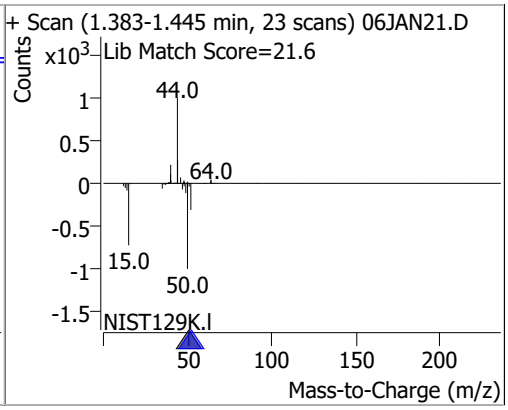




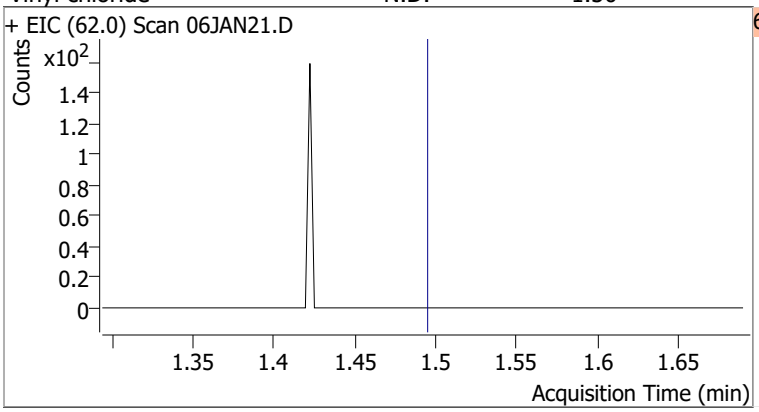
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.4354	1.42	0.01	627 (m)	52.0	12.4	2.1	62.1

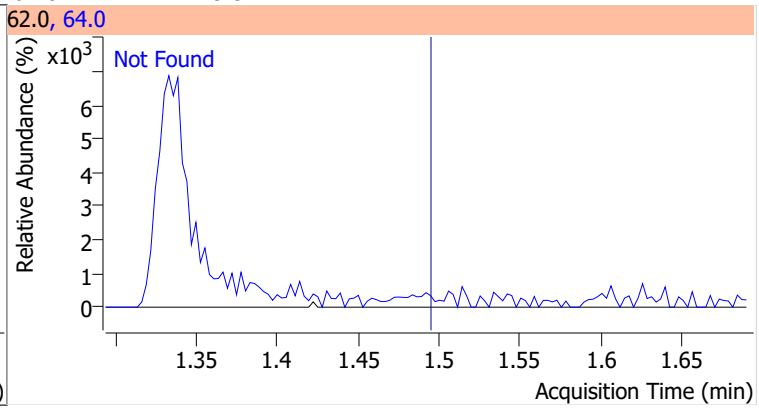




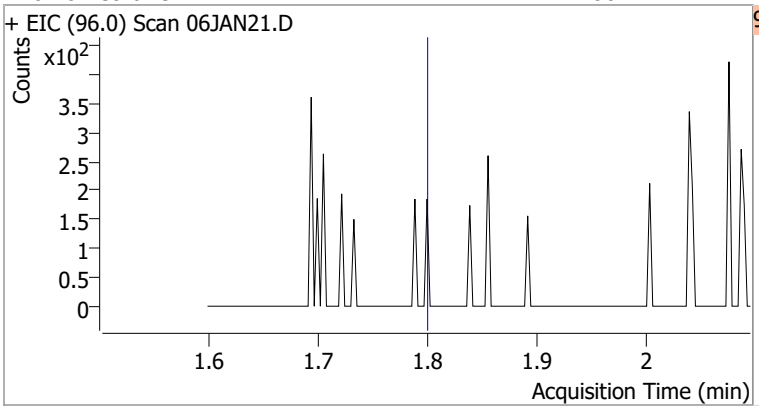


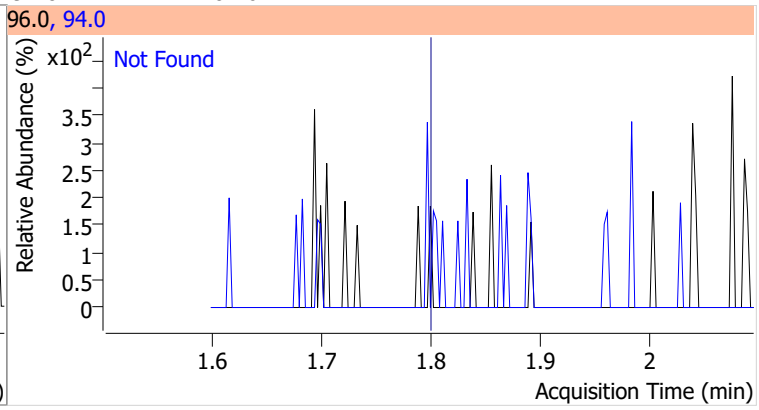
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	29.9



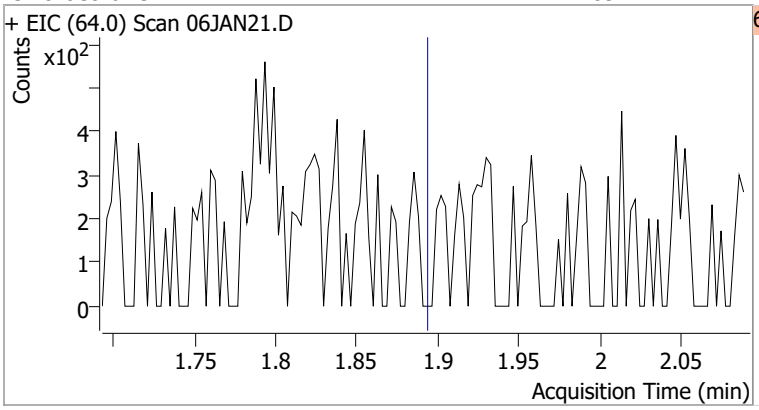


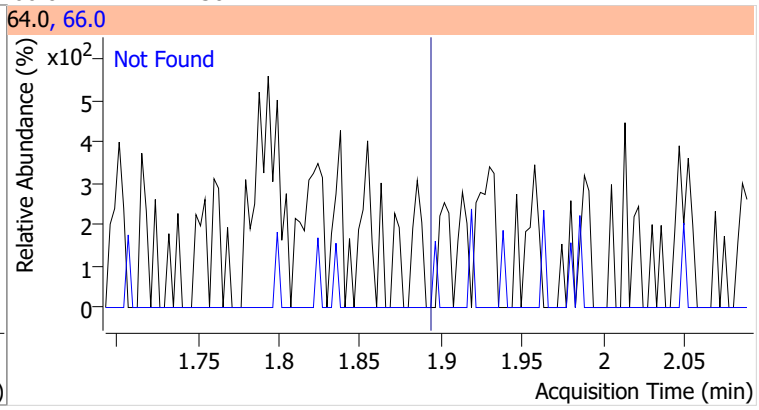
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.6



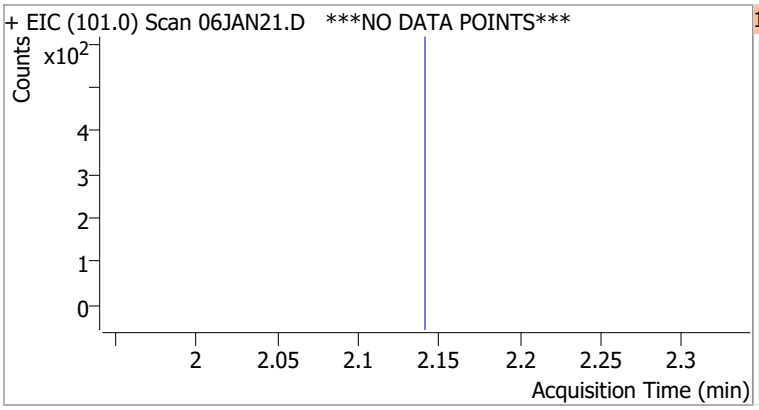


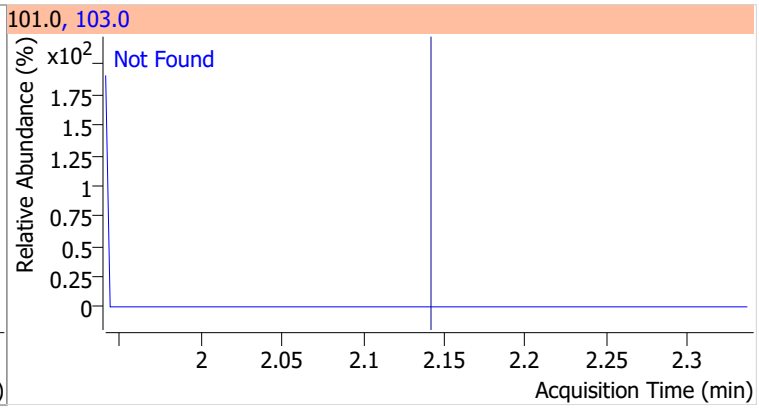
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.89	66.0	30.1



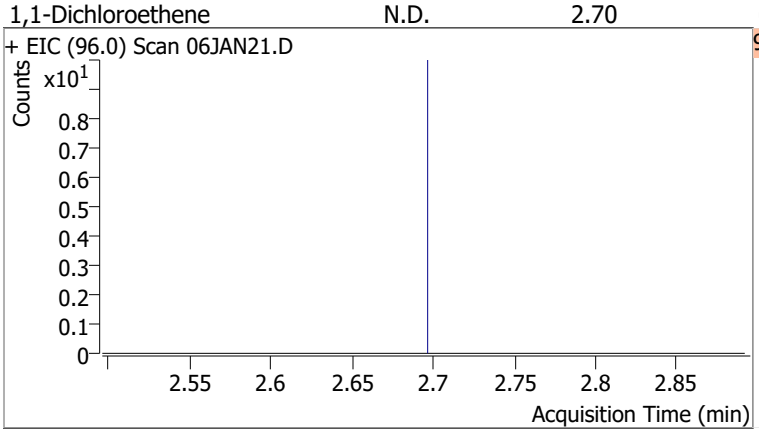


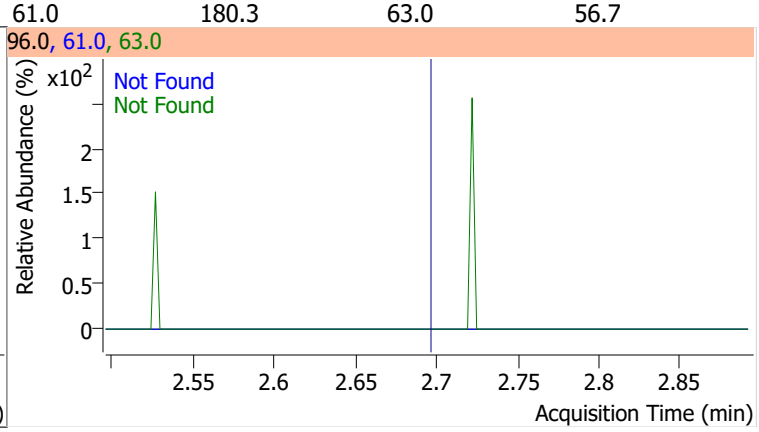
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.2



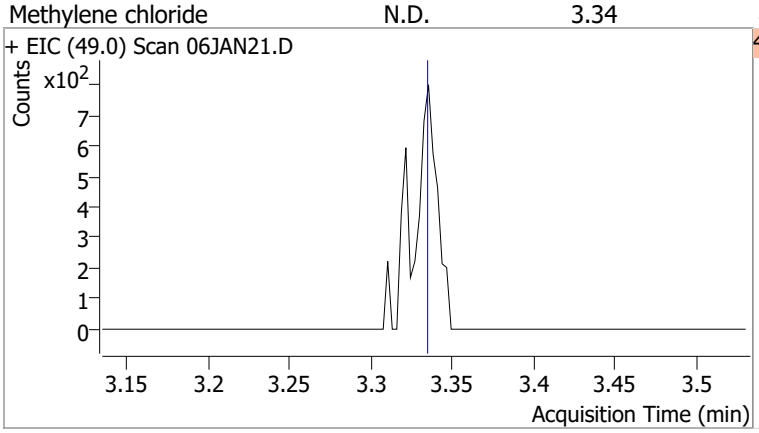


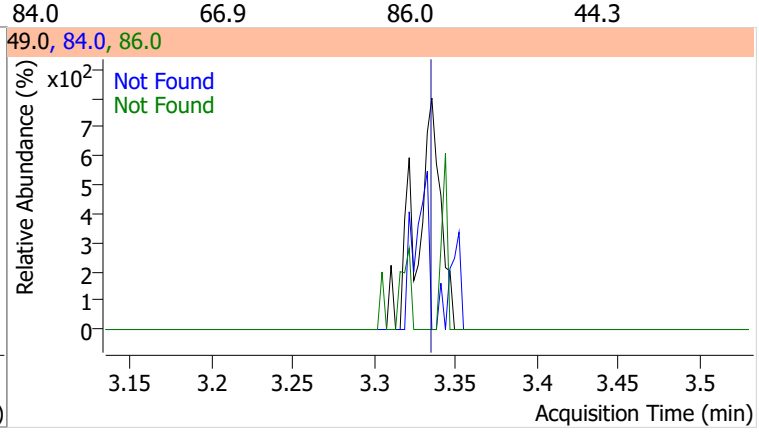
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	180.3	63.0	56.7



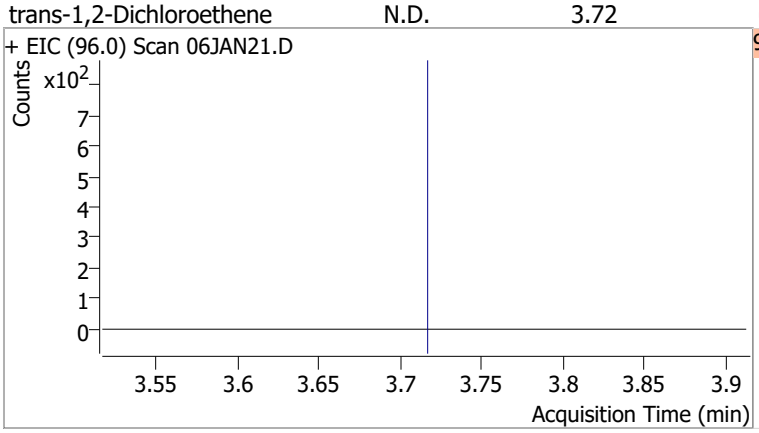


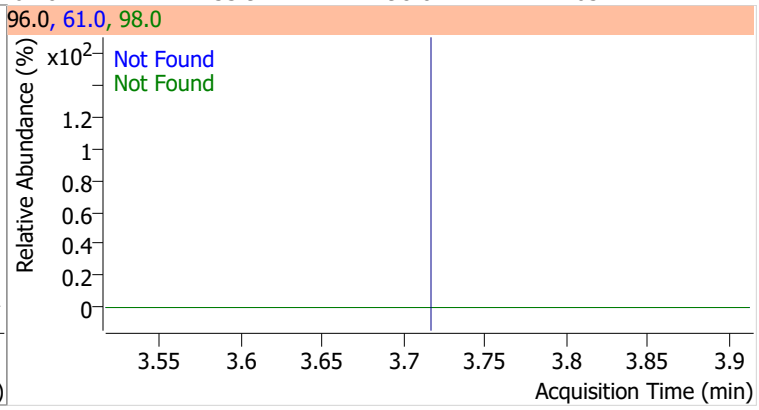
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Methylene chloride	N.D.	3.34	84.0	66.9	86.0	44.3



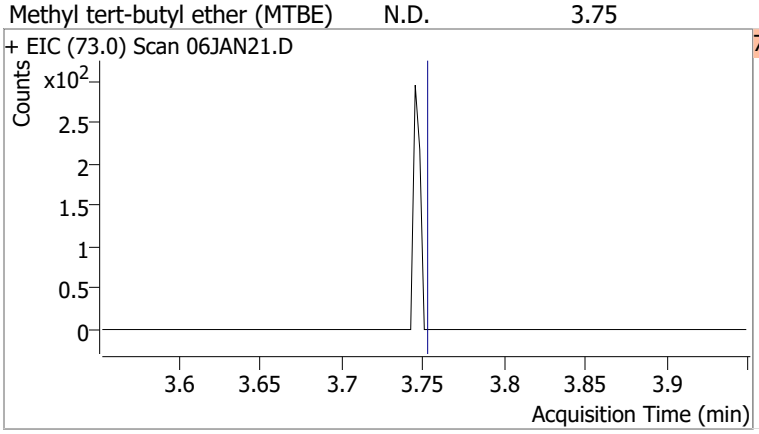


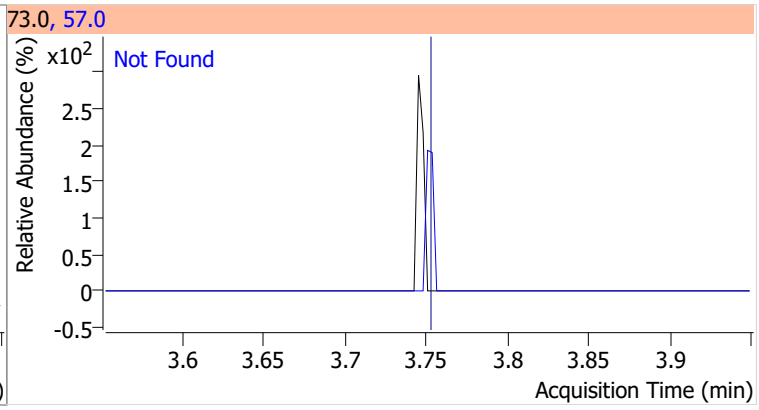
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	153.9	98.0	65.7



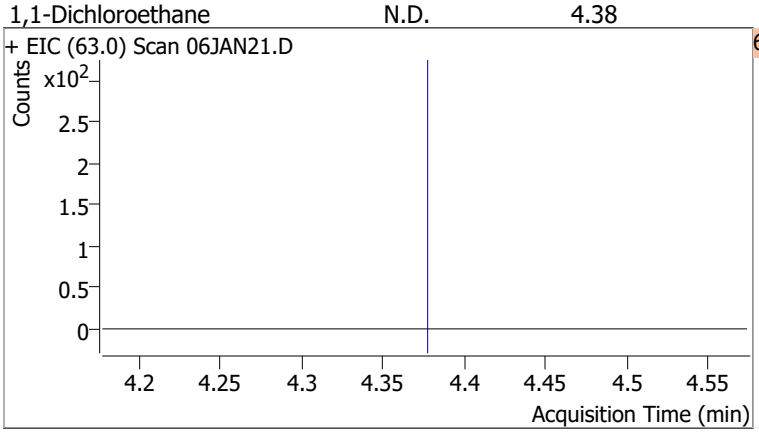


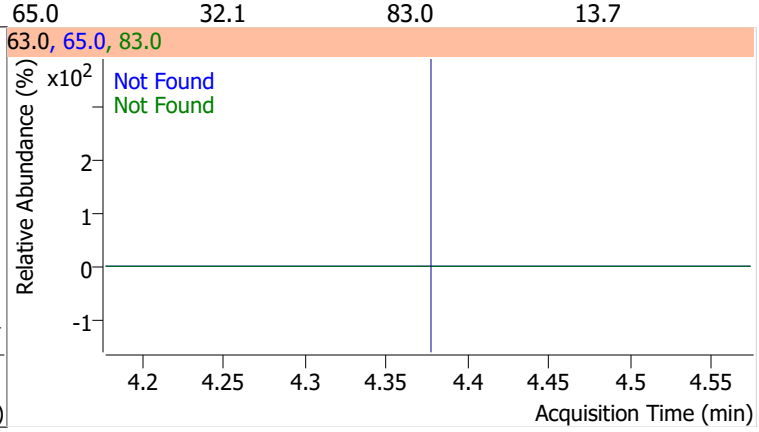
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



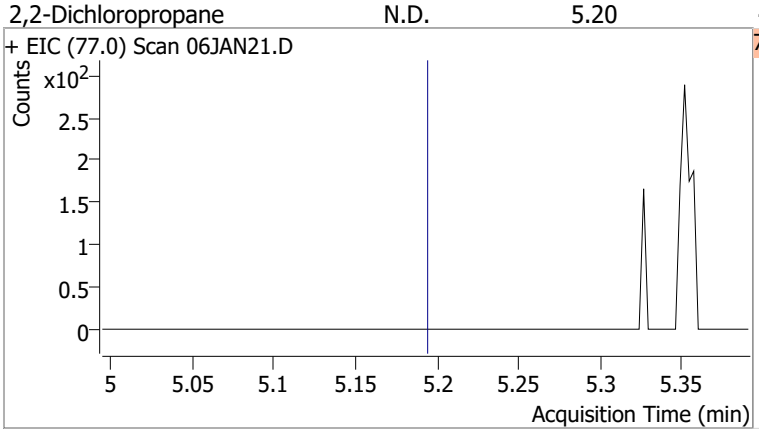


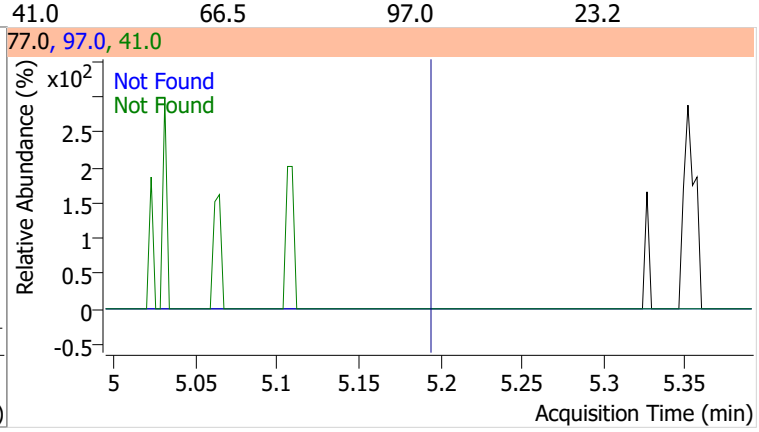
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	32.1	83.0	13.7



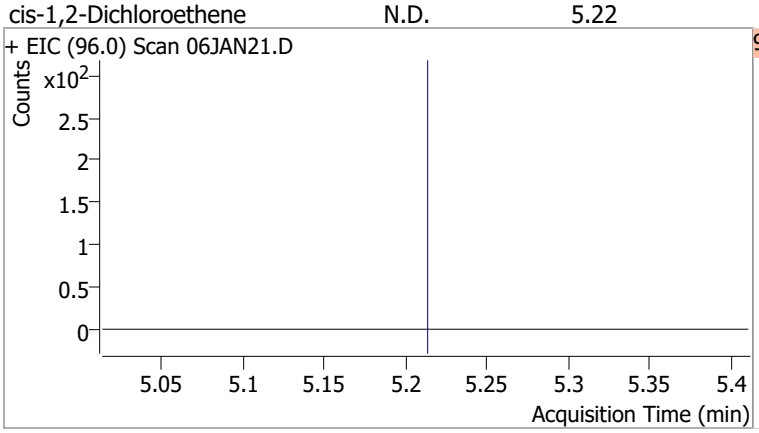


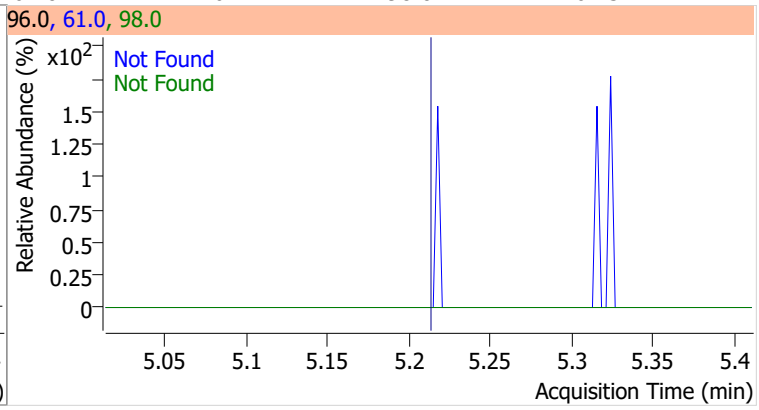
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.20	41.0	66.5	97.0	23.2



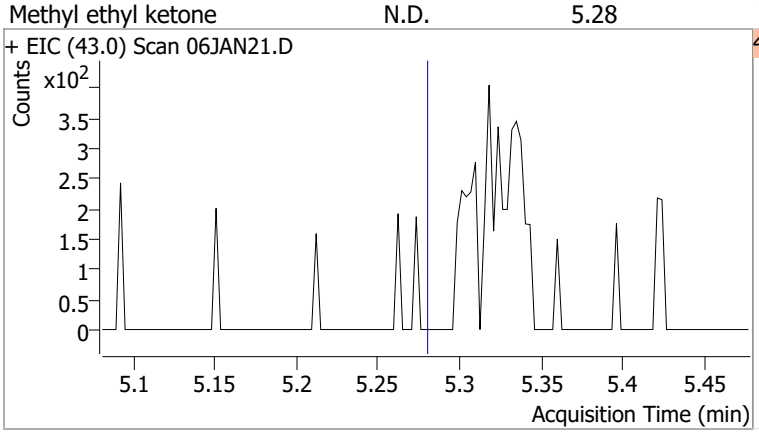


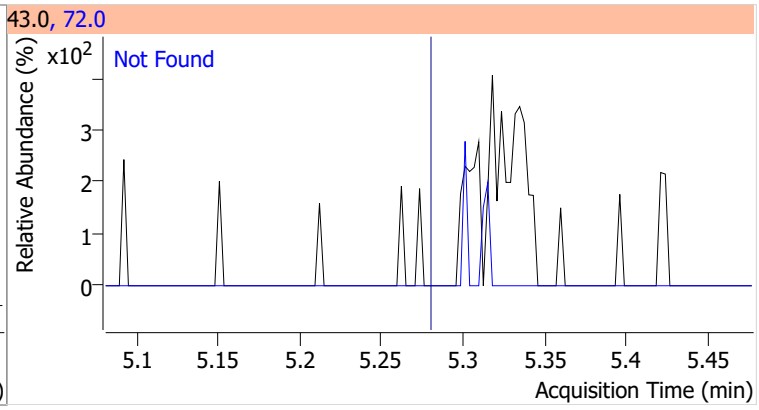
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	167.2	98.0	67.3



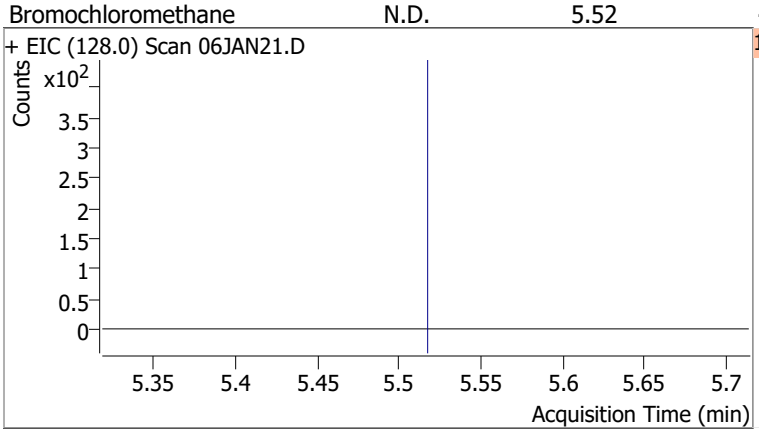


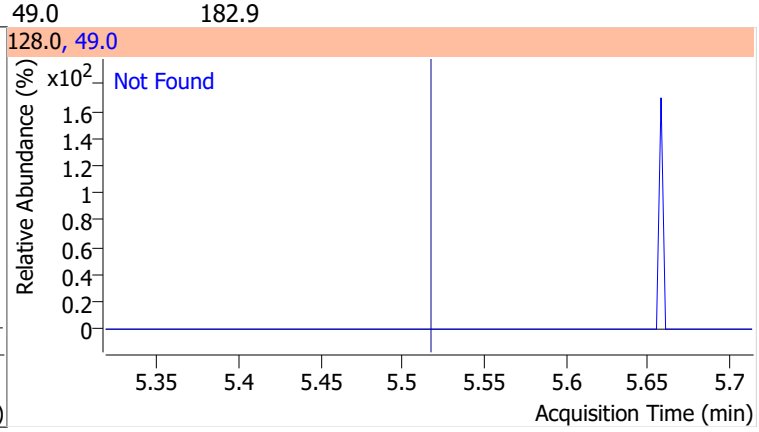
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	21.3



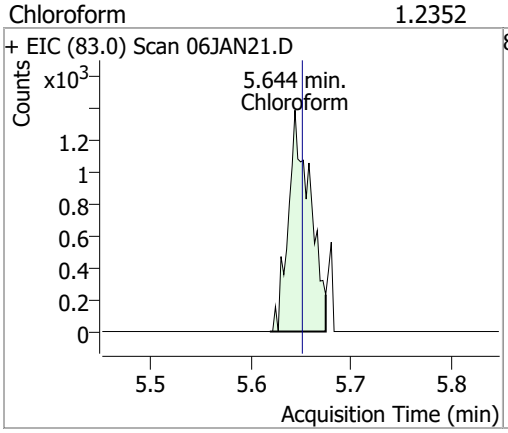


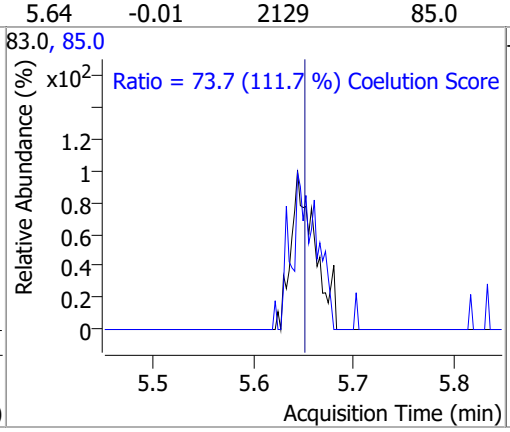
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.9

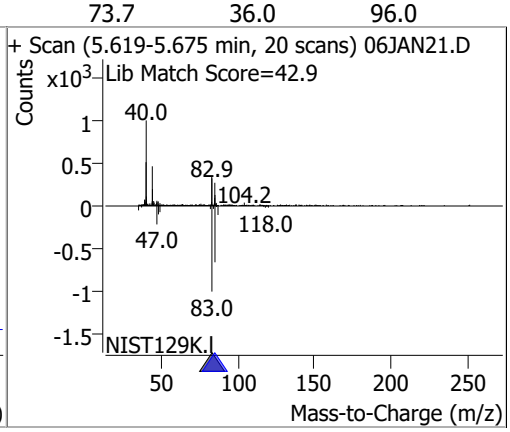




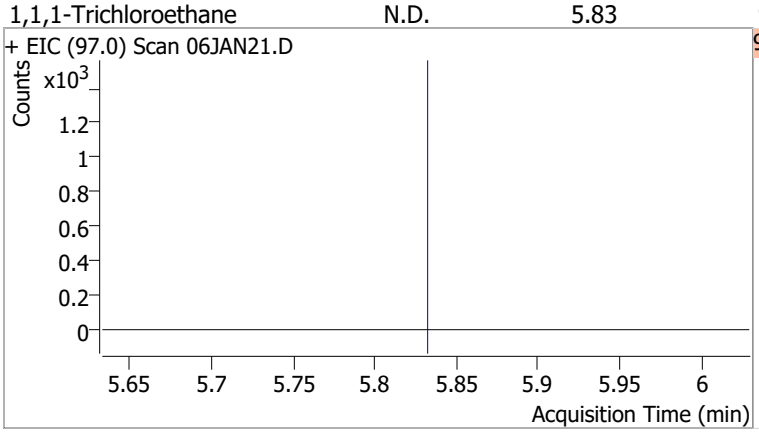
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	1.2352	5.64	-0.01	2129	85.0	73.7	36.0	96.0

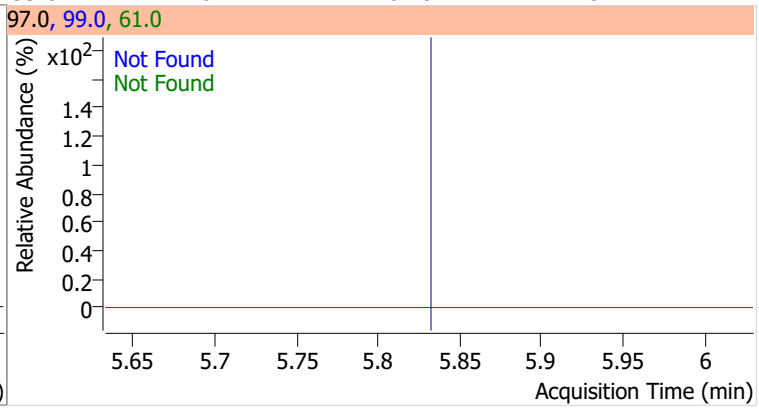




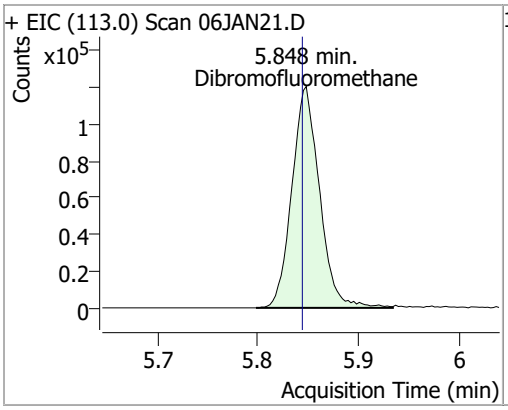


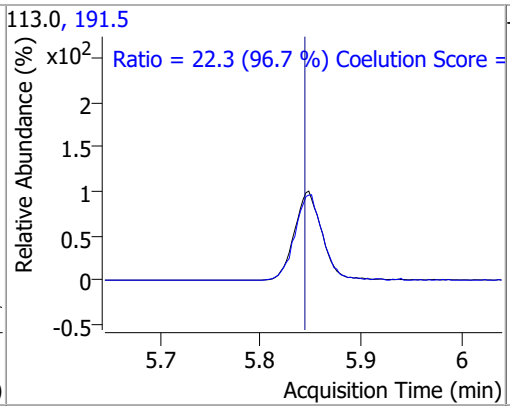
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.7	61.0	48.1

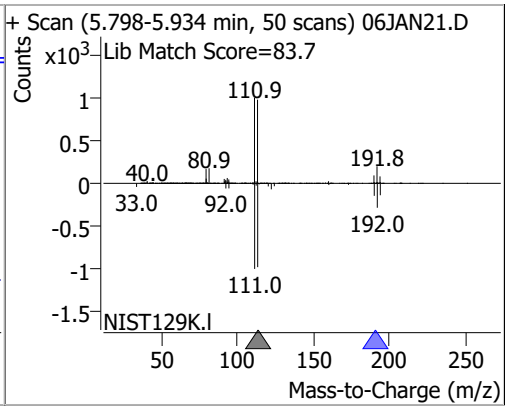




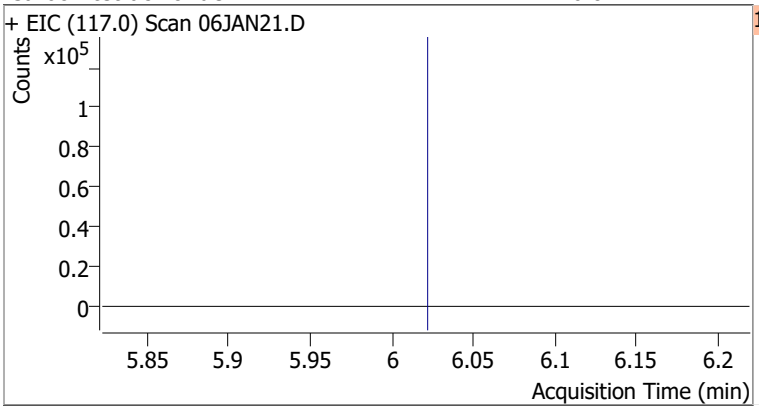
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	270.8884	5.85	0.00	231062	191.5	22.3	0.0	53.1

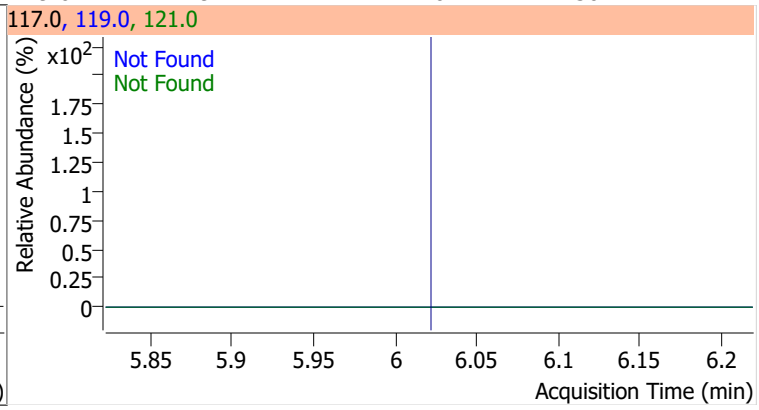




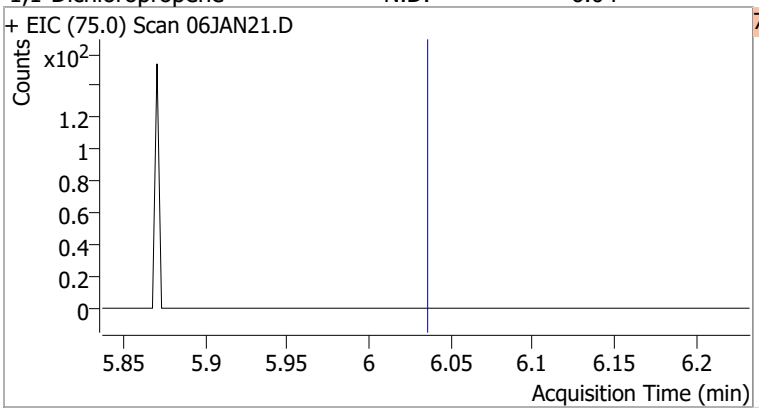


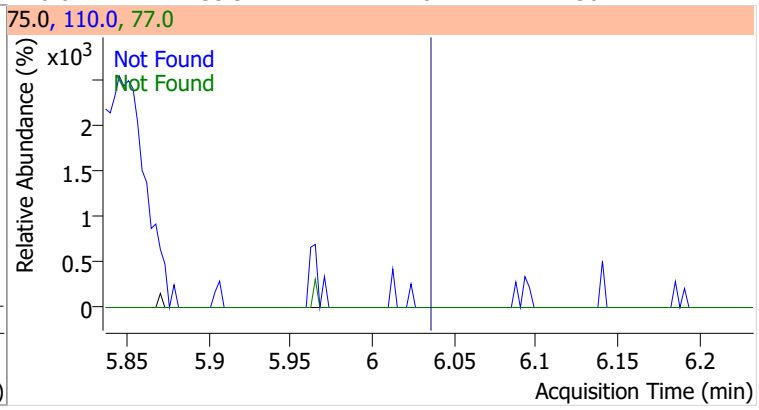
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.2	121.0	30.1



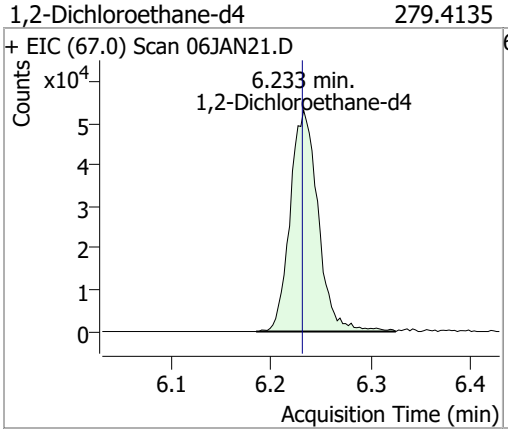


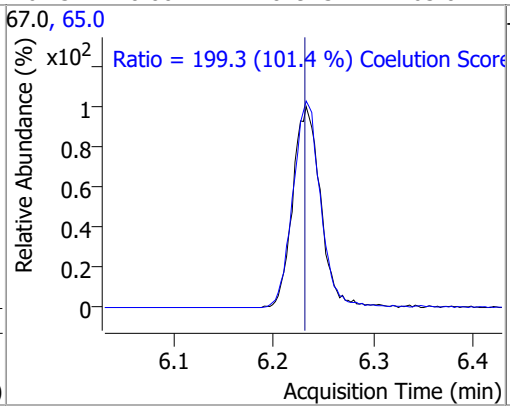
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.9	77.0	30.1

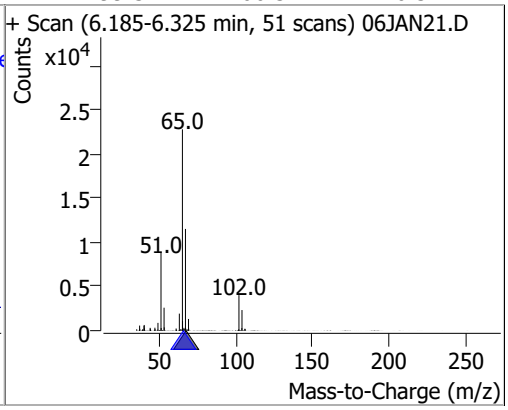




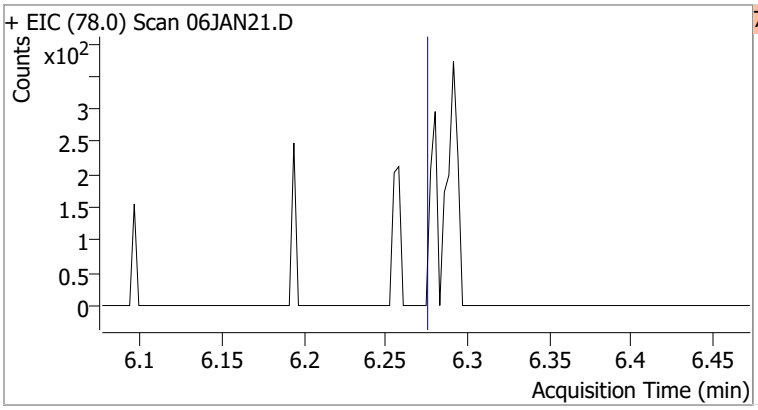
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	279.4135	6.23	0.00	102943	65.0	199.3	166.5	226.5

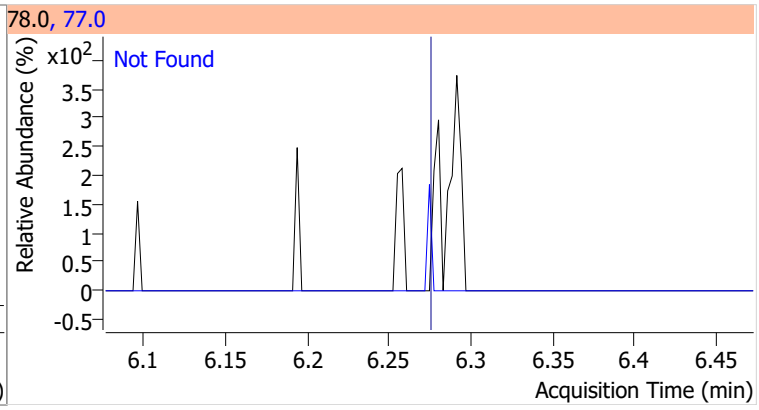




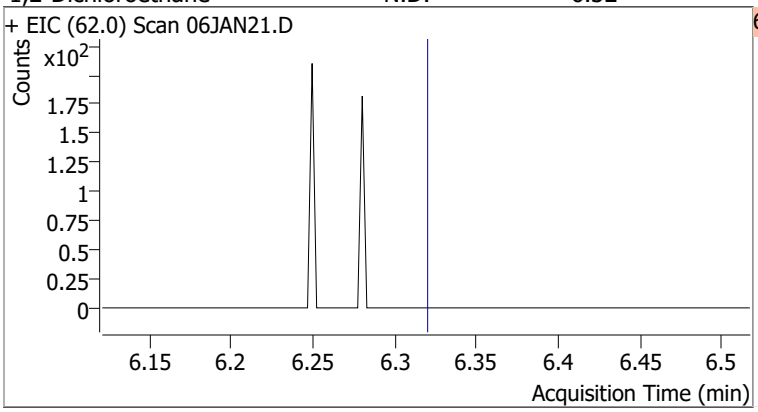


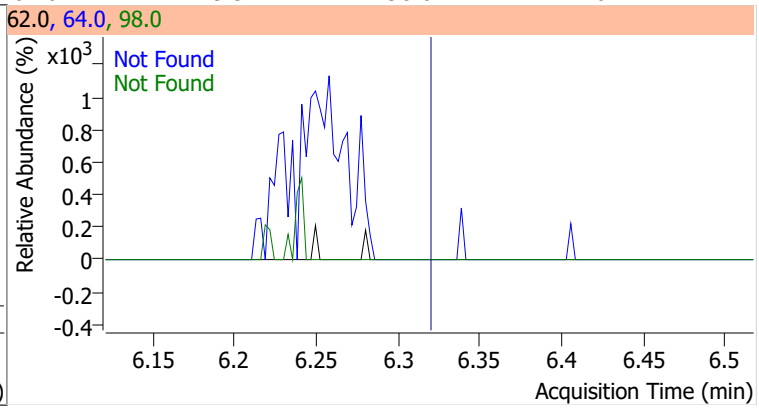
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.5



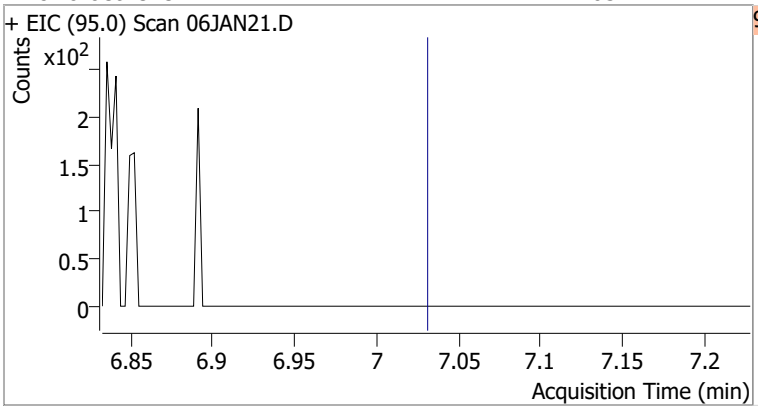


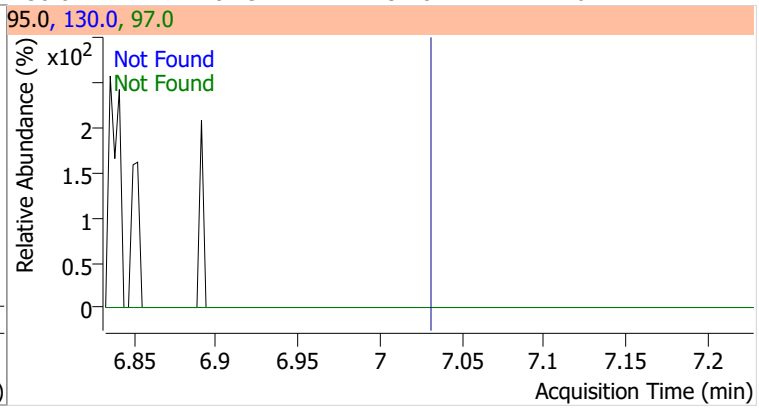
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.9	98.0	7.6



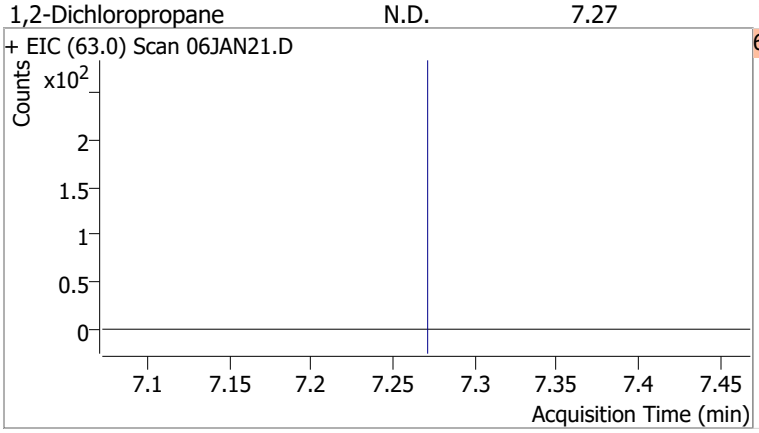


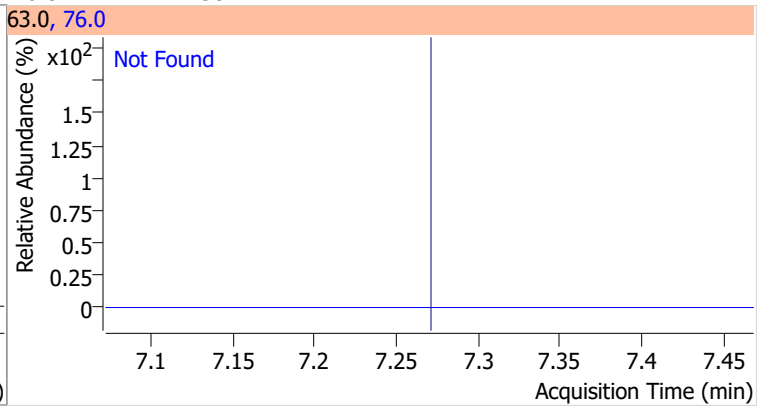
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	101.5	97.0	64.1



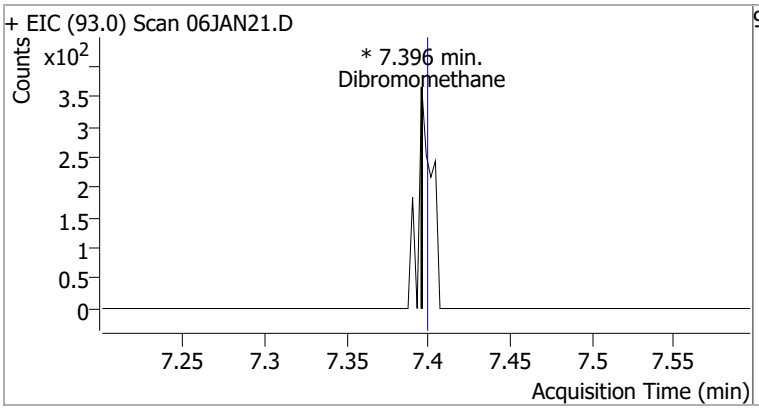


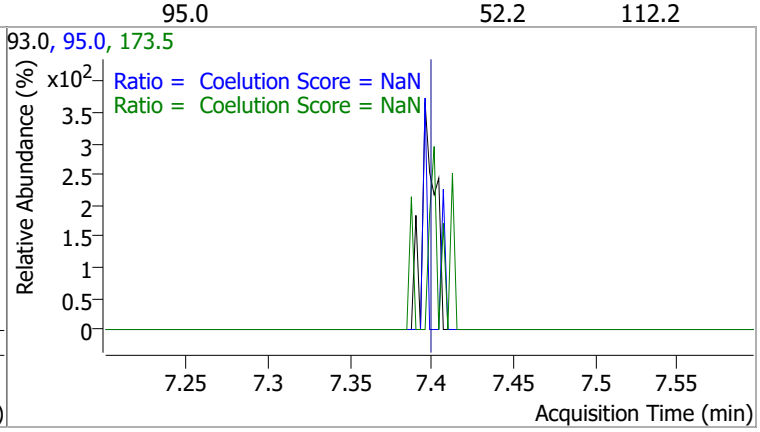
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.2



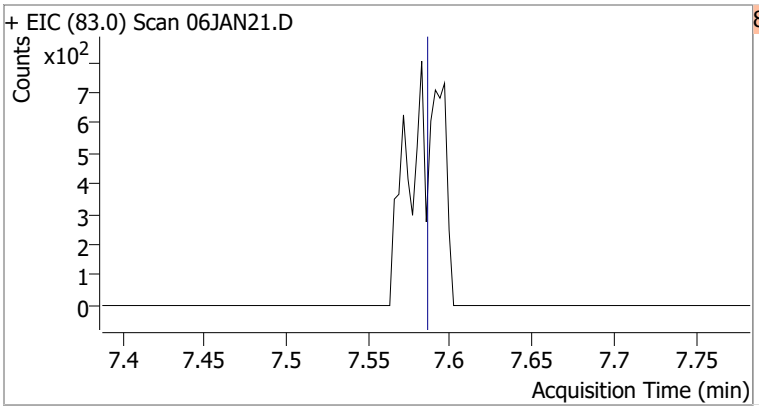


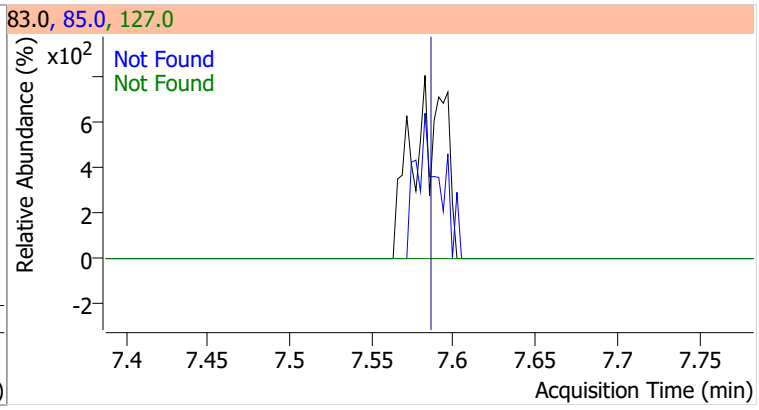
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane		0		0	173.5		83.7	143.7
					95.0		52.2	112.2



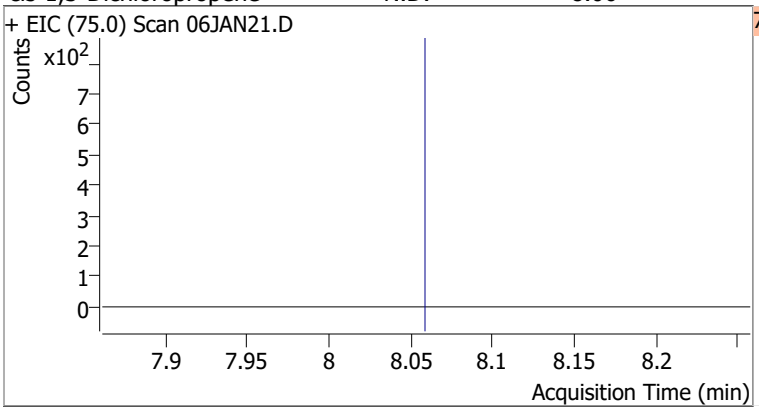


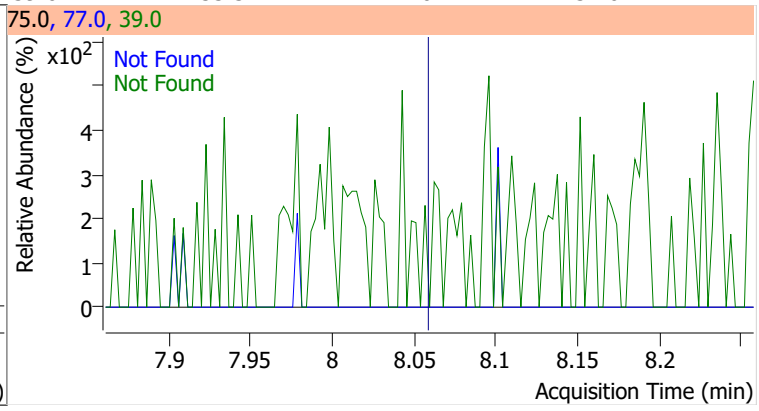
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.5	127.0	9.6



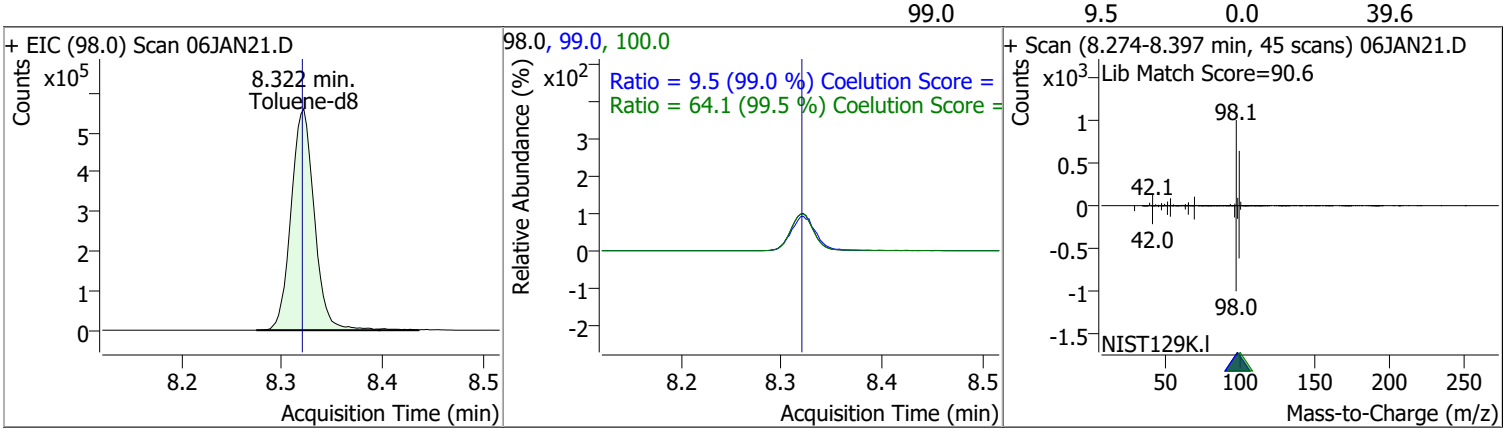


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	53.3	77.0	31.0

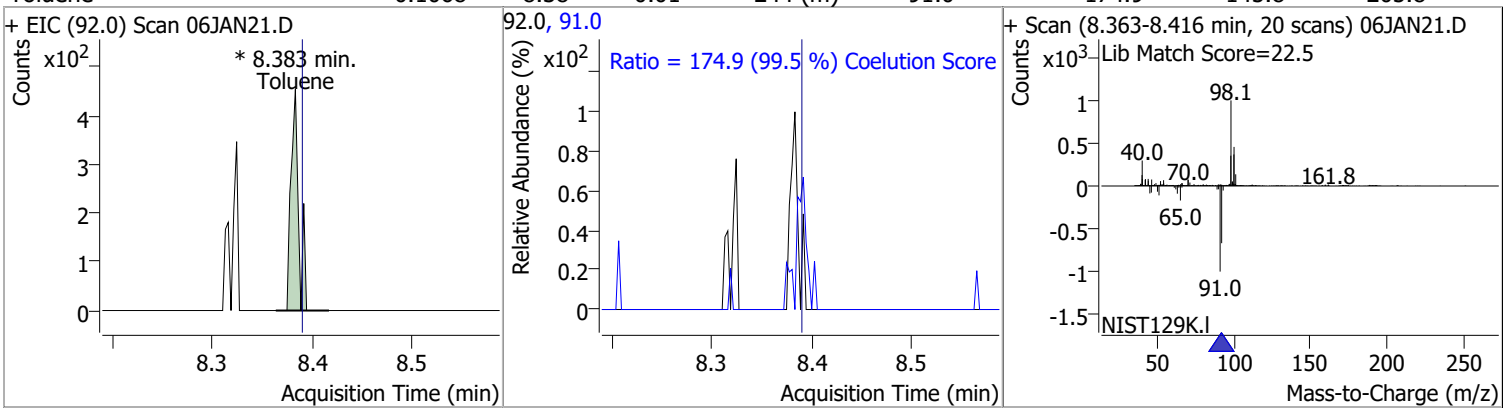




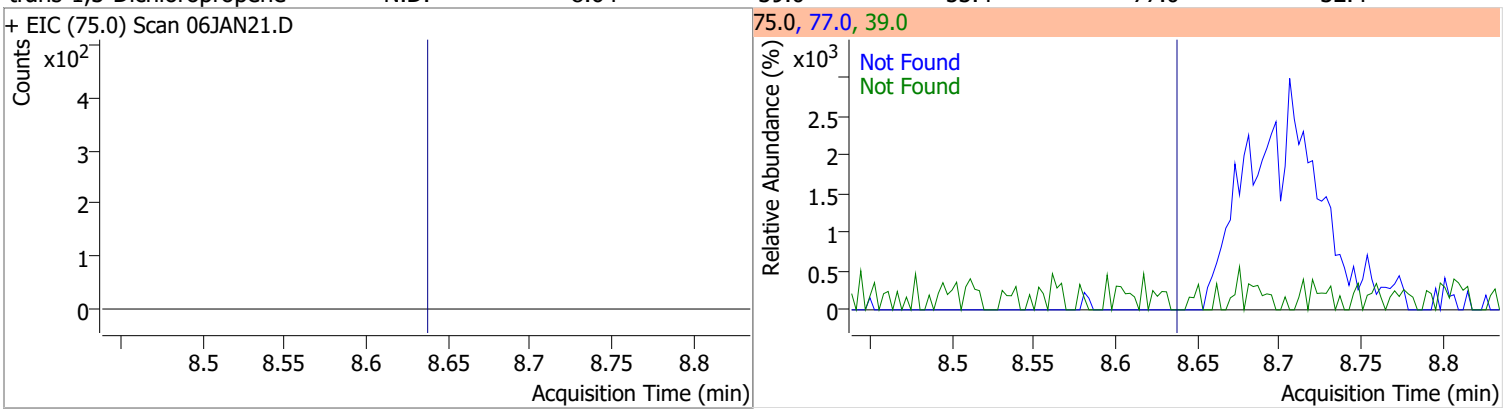
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.1885	8.32	0.00	898148	100.0	64.1	34.4	94.4
					99.0	9.5	0.0	39.6



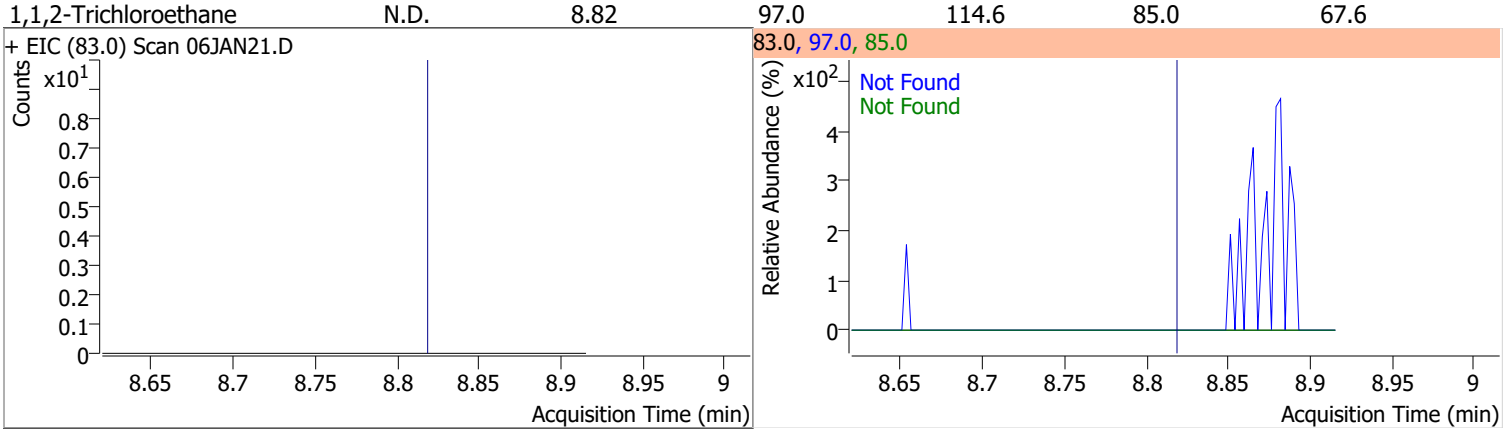
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.1068	8.38	-0.01	244 (m)	91.0	174.9	145.8	205.8



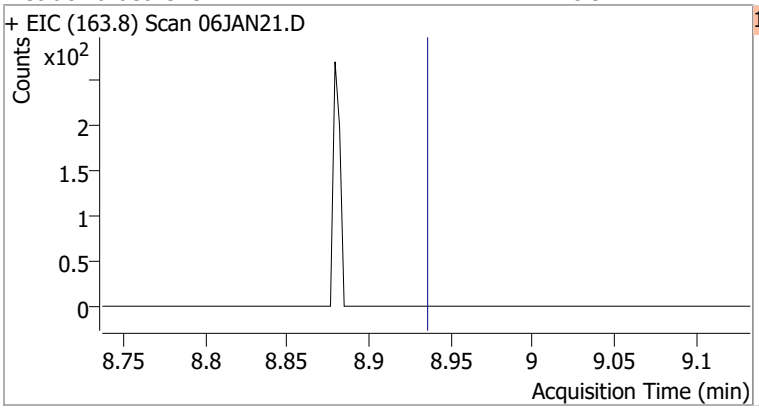
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.4	77.0	32.4

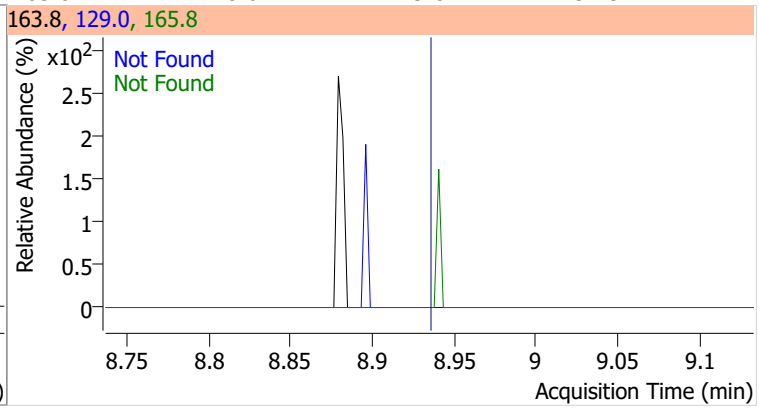


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	114.6	85.0	67.6

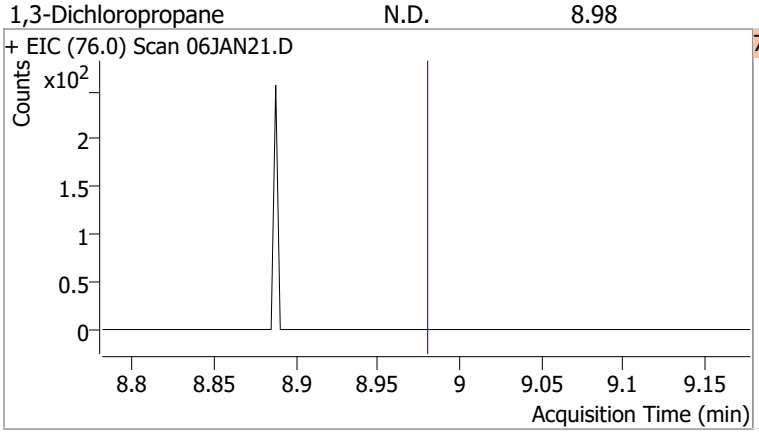


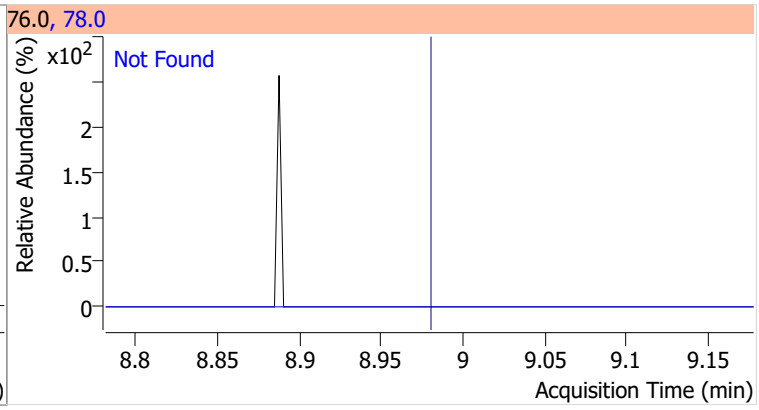
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	128.6	129.0	91.5



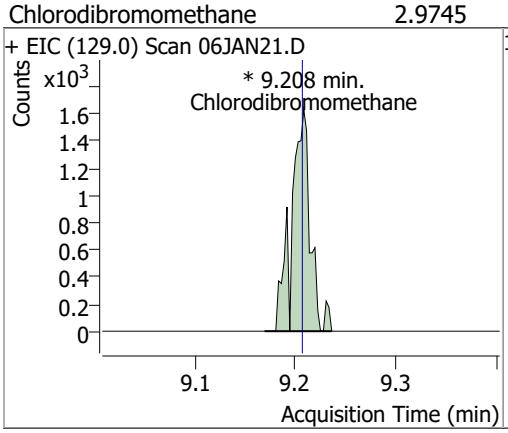


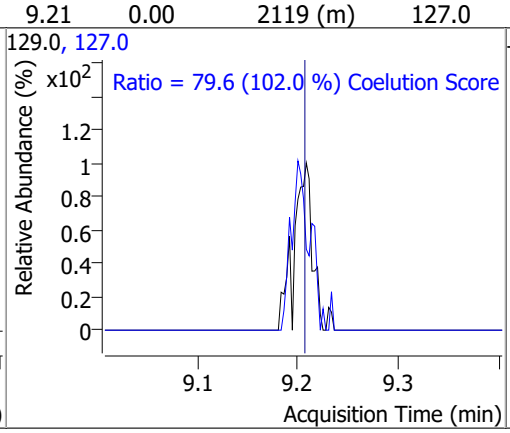
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.9

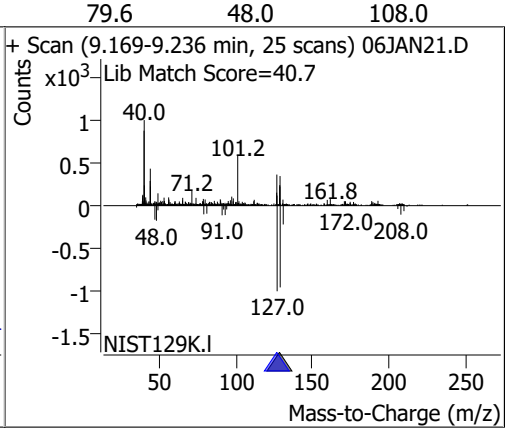




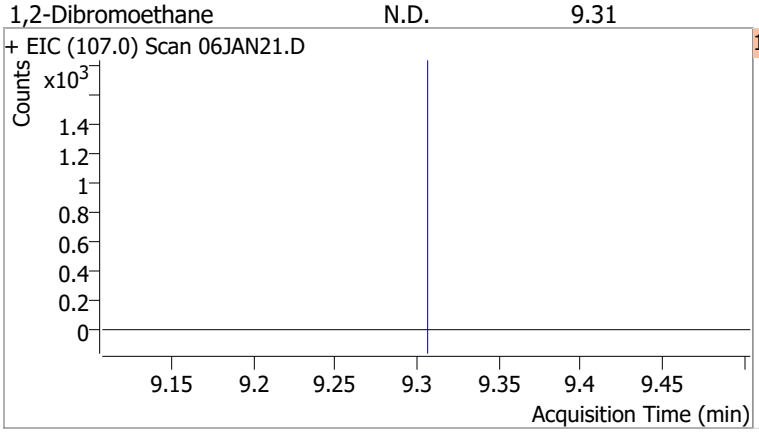
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	2.9745	9.21	0.00	2119 (m)	127.0	79.6	48.0	108.0

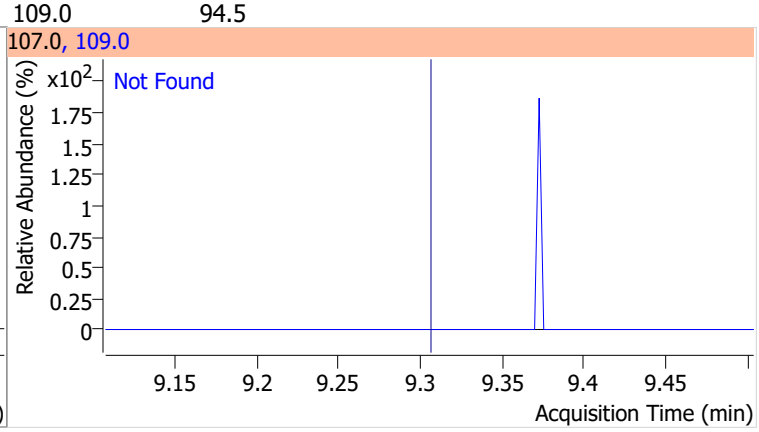




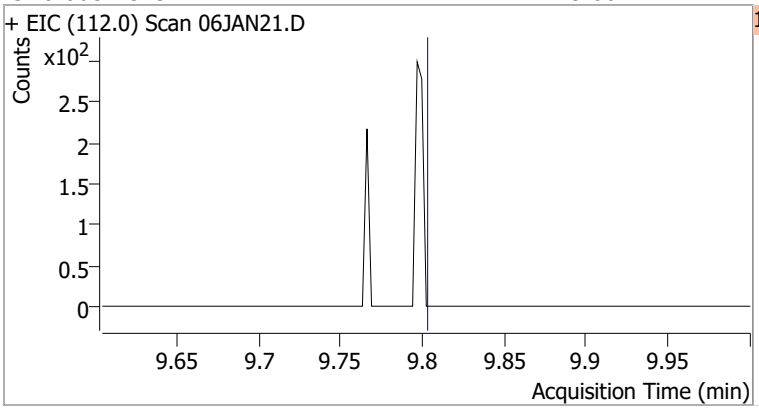


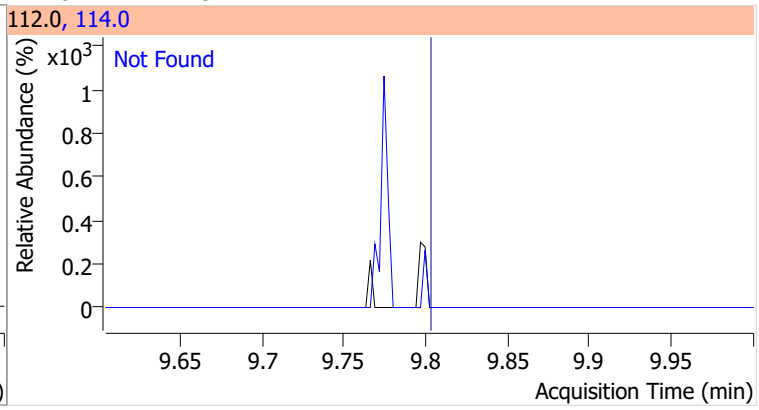
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	94.5



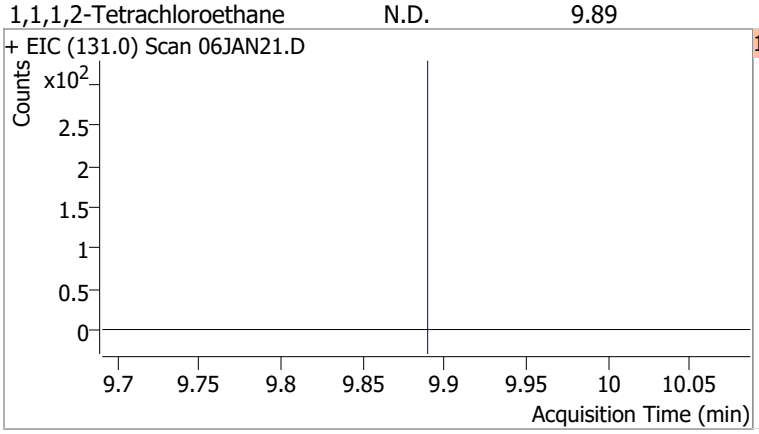


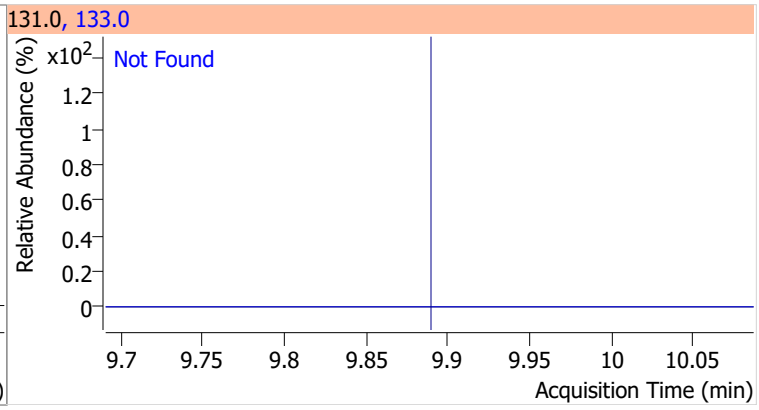
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.1



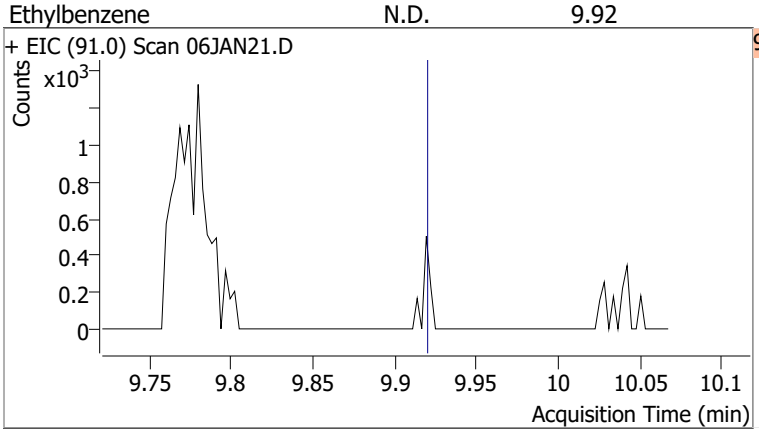


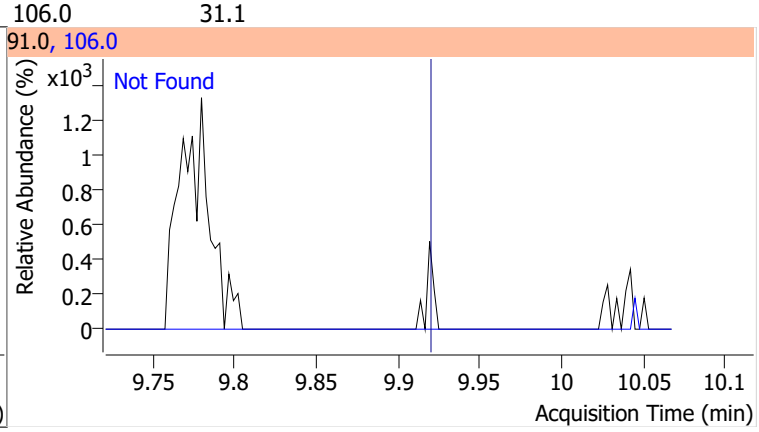
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.6



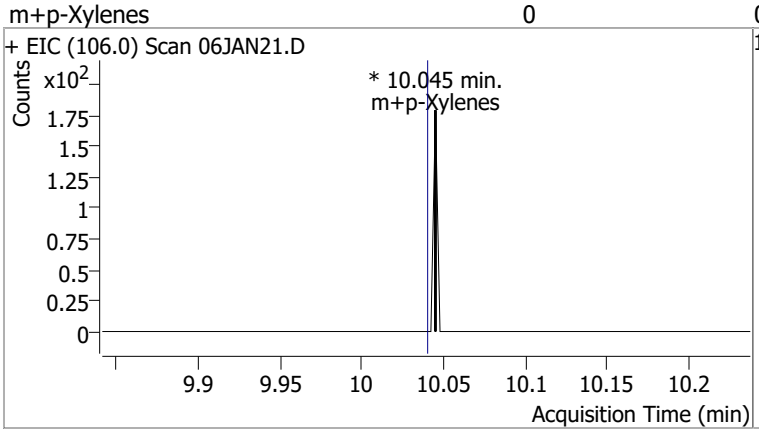


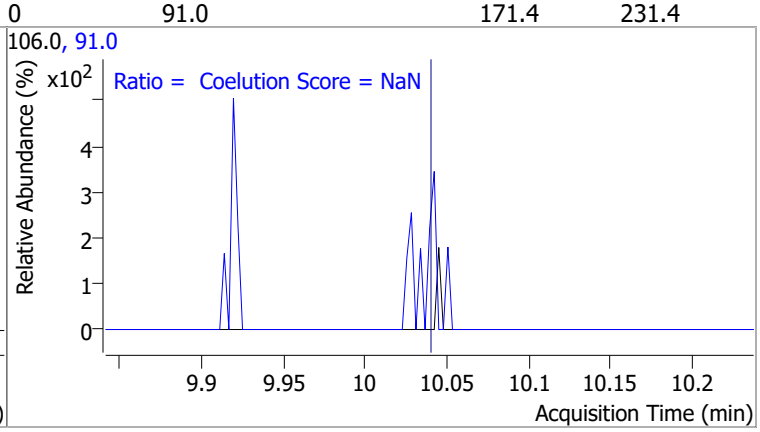
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1



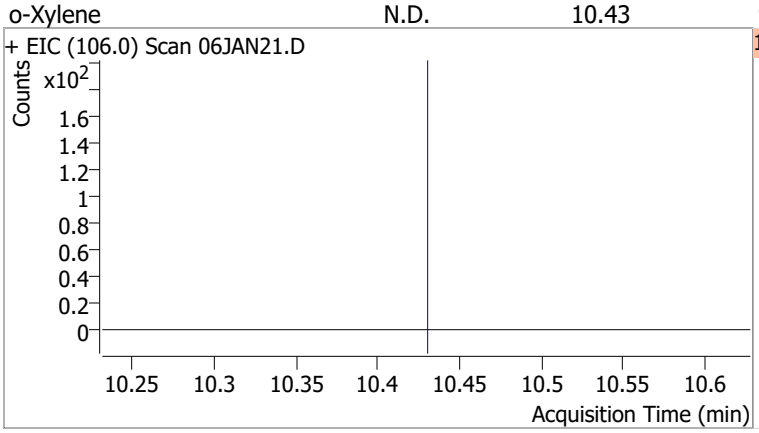


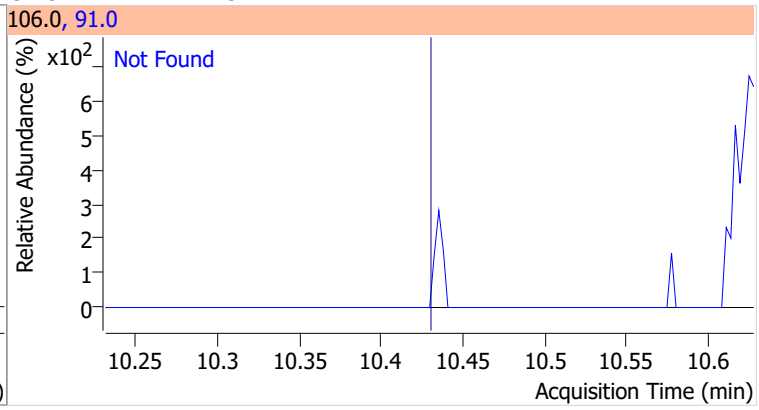
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		171.4	231.4



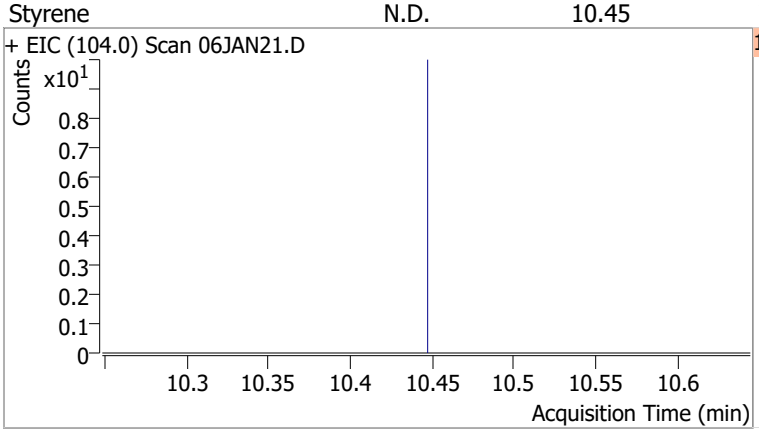


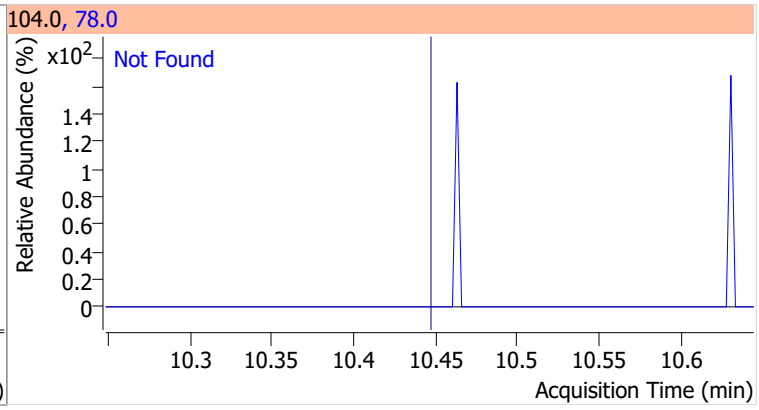
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	213.1



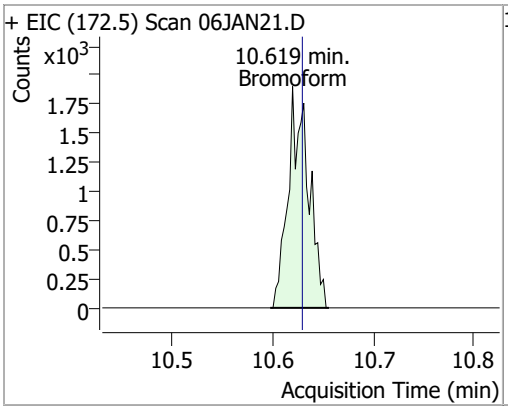


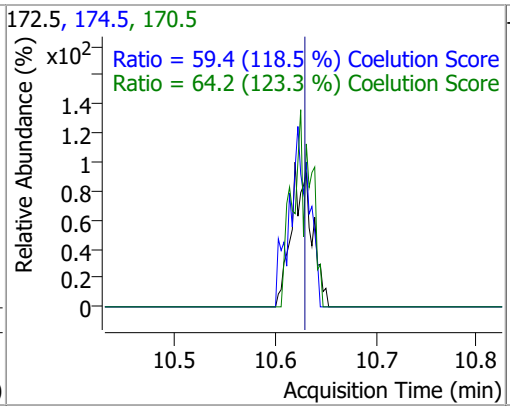
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	49.6

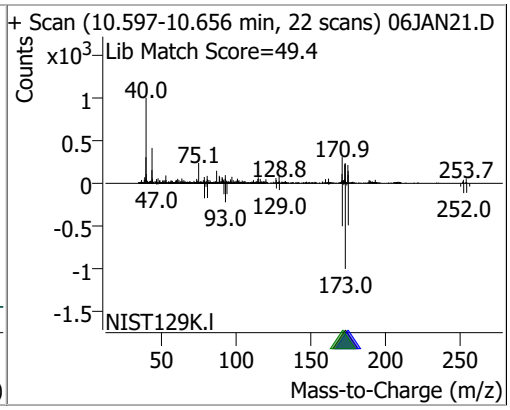




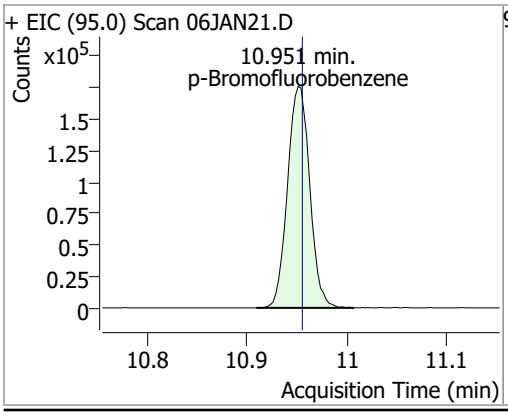
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	7.7166	10.62	-0.01	2688	170.5	64.2	22.1	82.1
					174.5	59.4	20.1	80.1

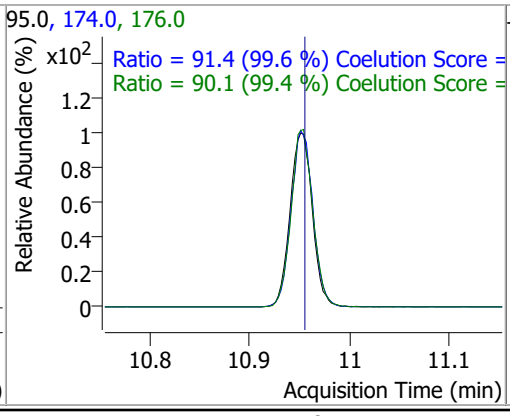


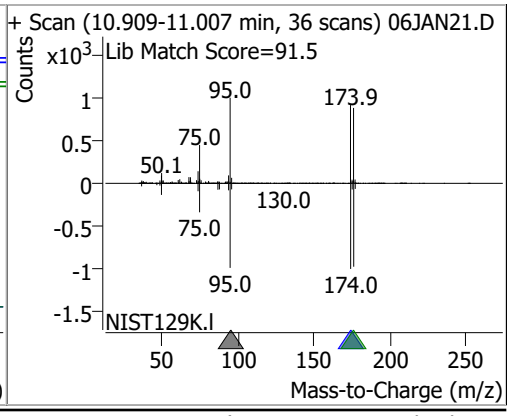




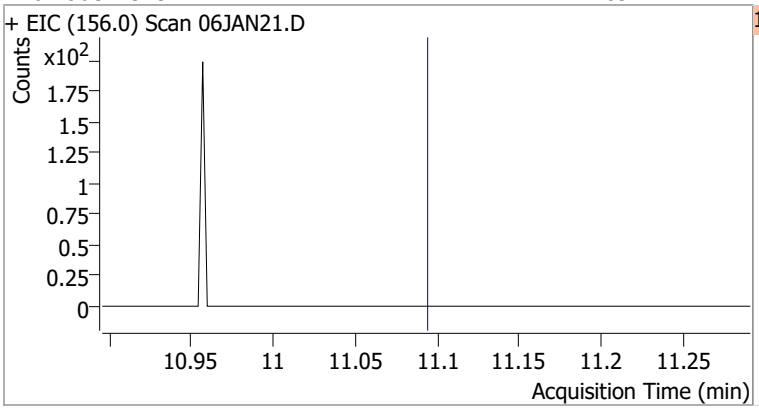
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.9172	10.95	0.00	271169	174.0	91.4	61.7	121.7
					176.0	90.1	60.6	120.6

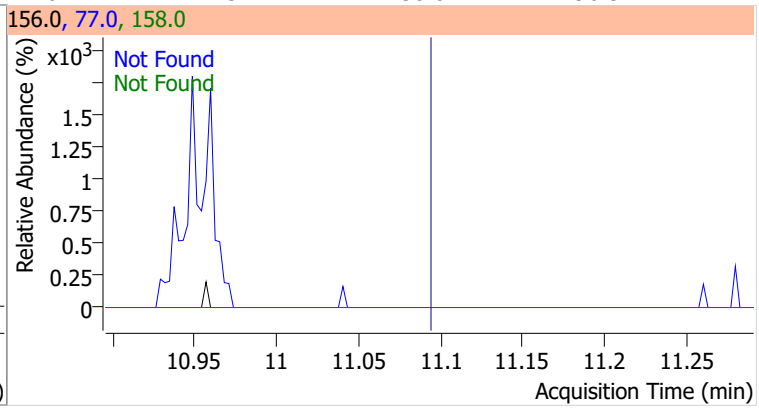




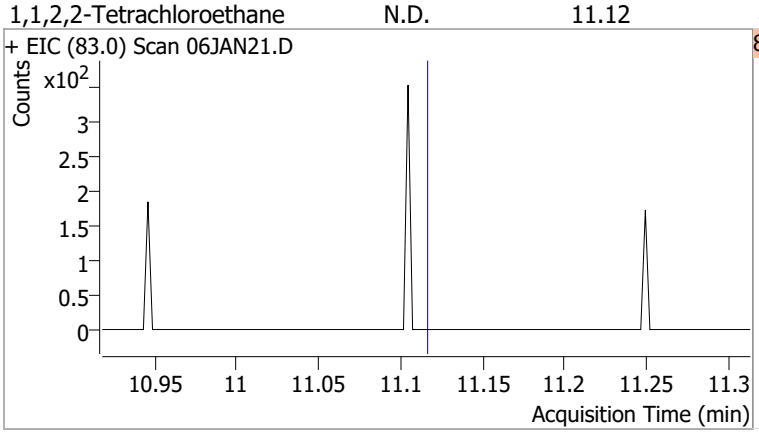


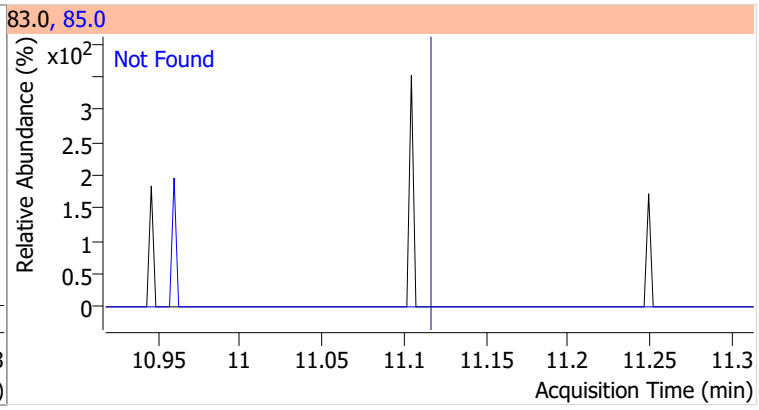
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	145.7	158.0	96.5



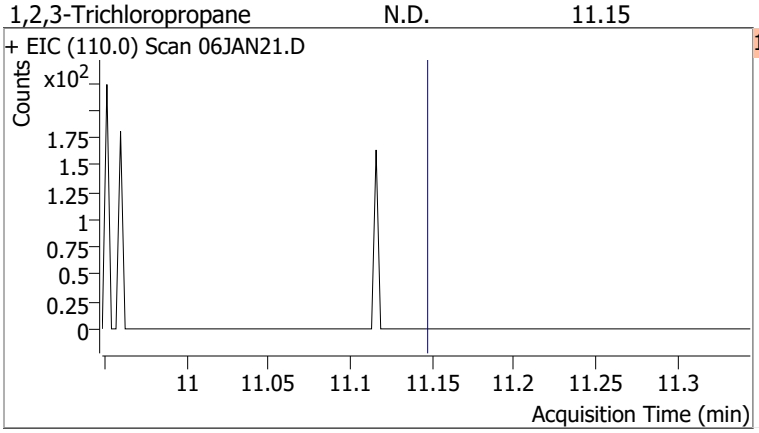


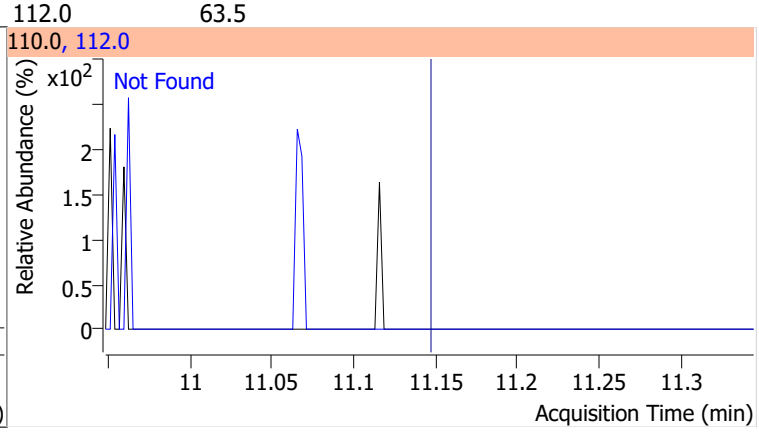
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.12	85.0	66.2



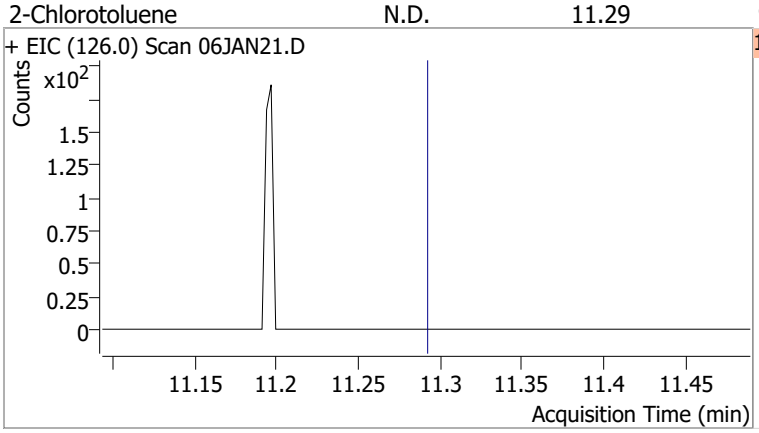


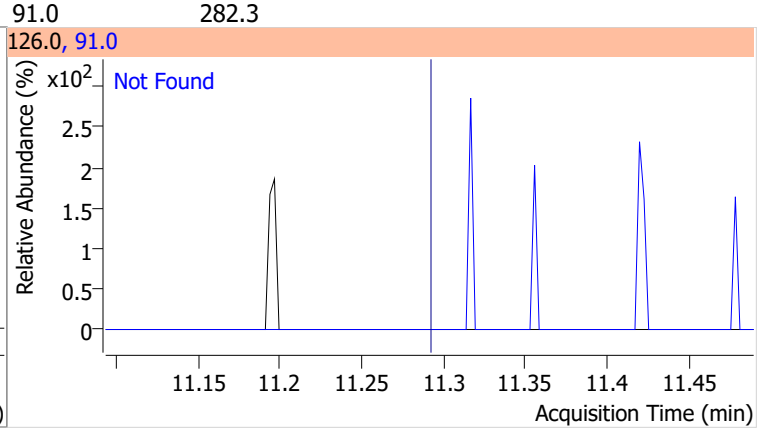
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	63.5



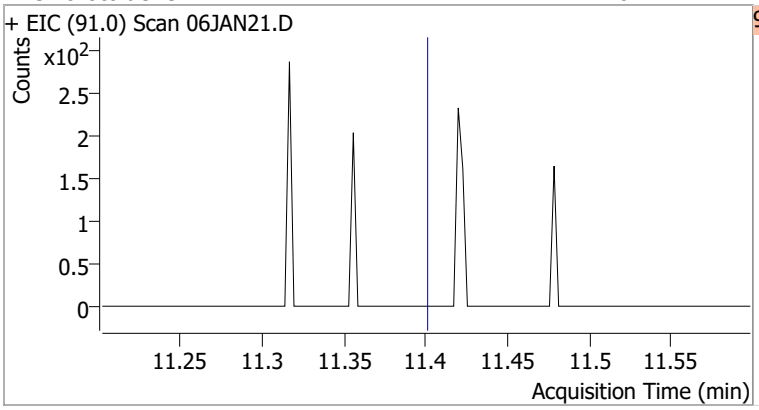


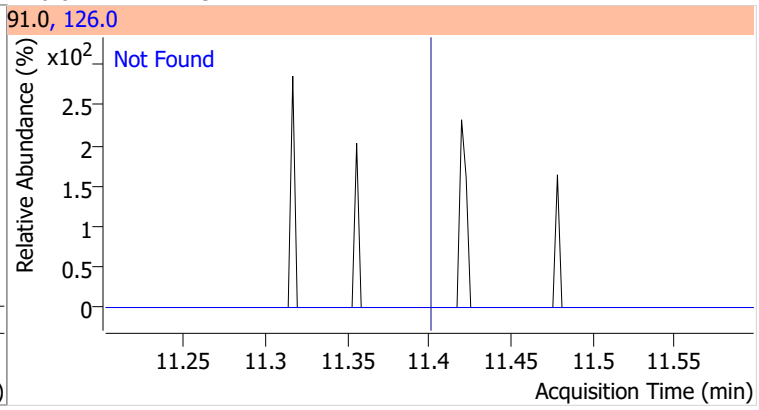
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	282.3



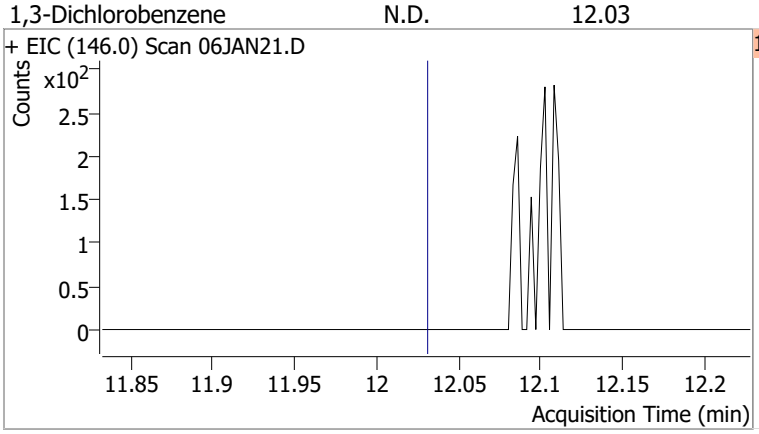


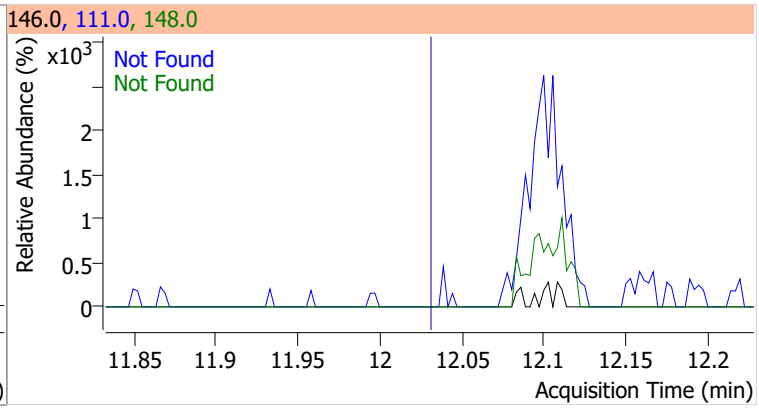
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.7



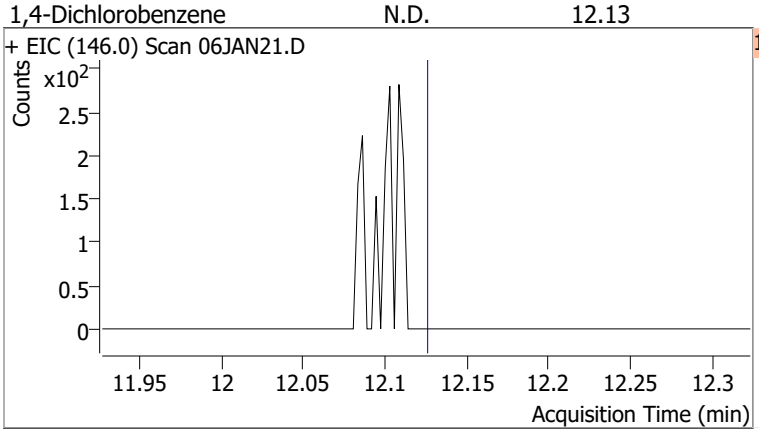


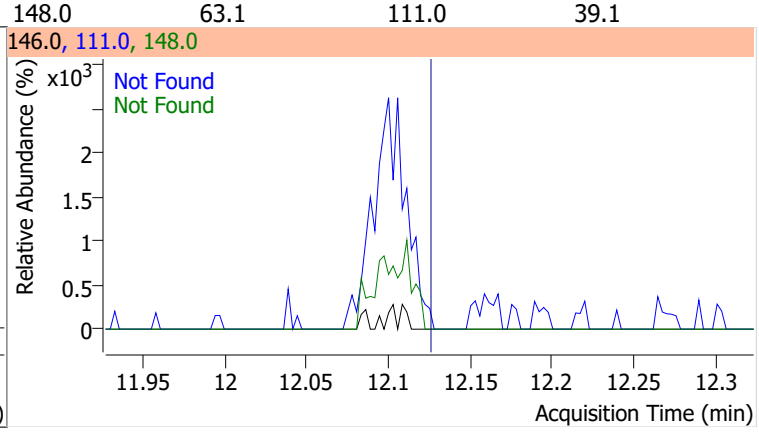
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	63.6	111.0	39.8



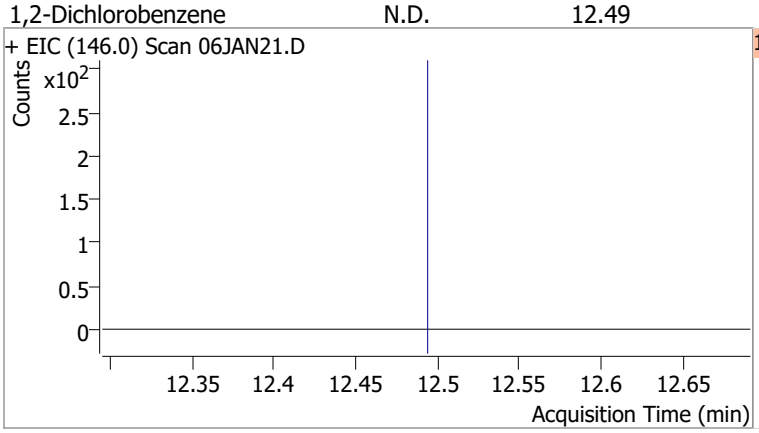


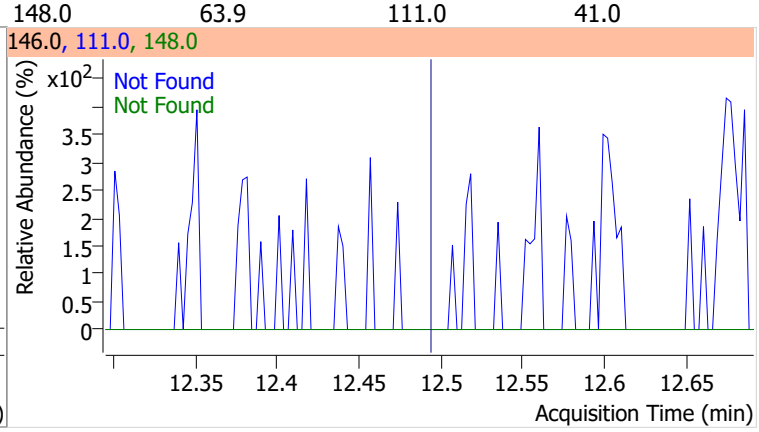
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.13	148.0	63.1	111.0	39.1





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	41.0

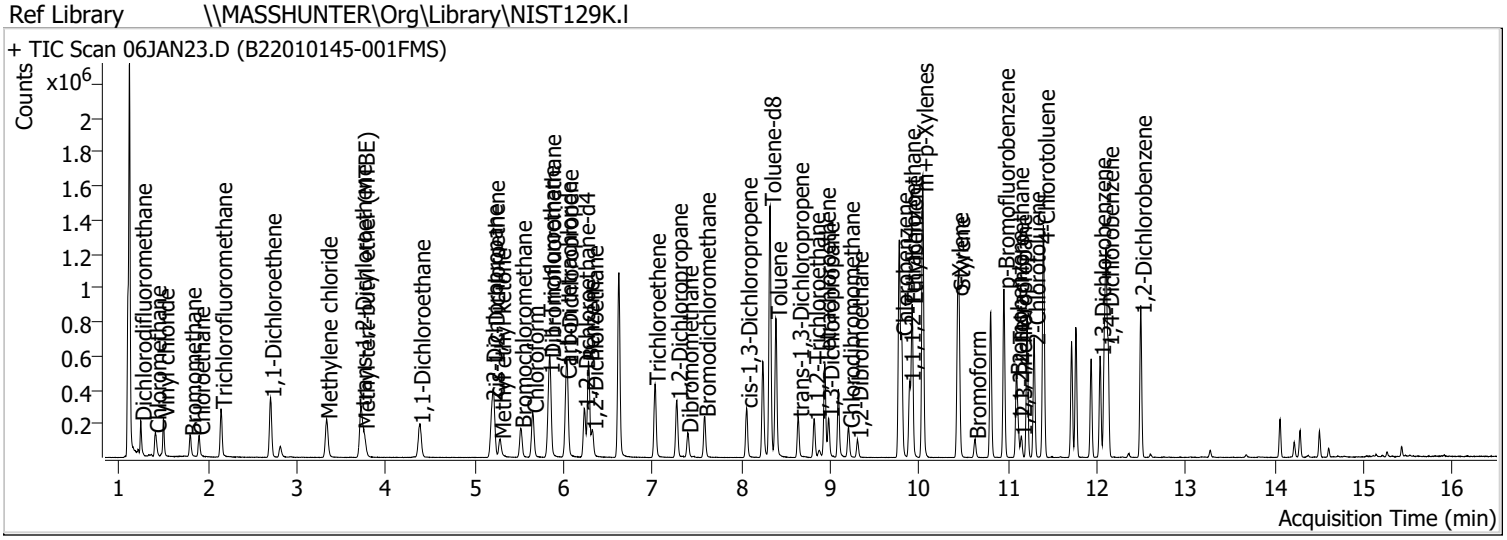




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	06JAN23.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 7:54:53 PM
Sample Name	B22010145-001FMS	Instrument	VOA5975C
Vial	23	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

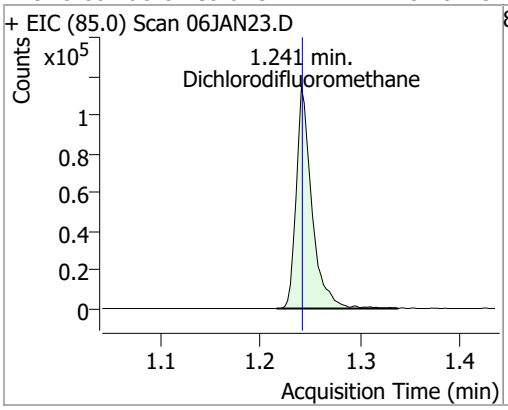


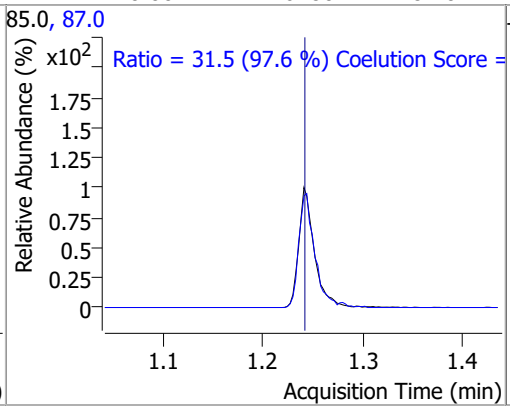
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	925165	250.0000	ng	-0.003
M Chlorobenzene-d5	9.774	82.0	349725	250.0000	ng	0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	279482	250.0000	ng	0.003
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	231612	265.7322	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.29%		
S 1,2-Dichloroethane-d4	6.230	67.0	102987	273.5611	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 109.42%		
S Toluene-d8	8.322	98.0	921828	273.5290	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 109.41%		
S p-Bromofluorobenzene	10.951	95.0	284096	277.4684	ng	-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 110.99%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	126180	104.0775	ng	99
T Chloromethane	1.409	50.0	154239	104.8165	ng	99
T Vinyl chloride	1.498	62.0	152872	115.4555	ng	97
T Bromomethane	1.802	96.0	62198	105.0531	ng	97
T Chloroethane	1.899	64.0	84383	128.7315	ng	99
T Trichlorofluoromethane	2.145	101.0	191186	116.3308	ng	100
T 1,1-Dichloroethene	2.702	96.0	123579	132.6100	ng	98
T Methylene chloride	3.333	49.0	164363	119.6438	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	126883	133.4568	ng	97
T Methyl tert-butyl ether (MTBE)	3.751	73.0	153029	124.5254	ng	100
T 1,1-Dichloroethane	4.378	63.0	241511	136.4698	ng	98
T 2,2-Dichloropropane	5.193	77.0	166107	125.2638	ng	100
T cis-1,2-Dichloroethene	5.215	96.0	127883	132.6699	ng	96
T Methyl ethyl ketone	5.285	43.0	146253	1120.1472	ng	98
T Bromochloromethane	5.516	128.0	49127	123.0252	ng	96
T Chloroform	5.653	83.0	215298	122.2436	ng	99

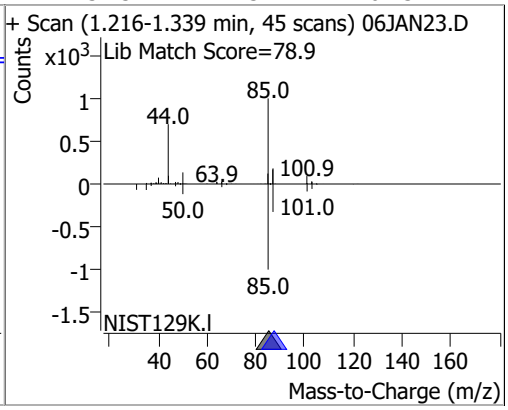
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	207472	125.6993	ng	99
T Carbon tetrachloride	6.024	117.0	201025	123.6146	ng	99
T 1,1-Dichloropropene	6.040	75.0	174627	124.4323	ng	99
T Benzene	6.277	78.0	478573	129.9199	ng	99
T 1,2-Dichloroethane	6.322	62.0	118947	119.3638	ng	96
T Trichloroethene	7.025	95.0	135505	128.4741	ng	99
T 1,2-Dichloropropane	7.273	63.0	118764	128.0094	ng	100
T Dibromomethane	7.393	93.0	48193	122.9202	ng	98
T Bromodichloromethane	7.585	83.0	140176	129.5499	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	148204	121.1440	ng	99
T Toluene	8.388	92.0	303739	133.4225	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	112778	129.5083	ng	97
T 1,1,2-Trichloroethane	8.821	83.0	57727	127.2683	ng	97
T Tetrachloroethene	8.938	163.8	118691	127.7979	ng	100
T 1,3-Dichloropropane	8.980	76.0	111820	125.3325	ng	99
T Chlorodibromomethane	9.206	129.0	87094	122.8575	ng	100
T 1,2-Dibromoethane	9.303	107.0	62248	125.5105	ng	98
T Chlorobenzene	9.802	112.0	325053	130.4200	ng	100
T 1,1,1,2-Tetrachloroethane	9.892	131.0	109888	126.1286	ng	98
T Ethylbenzene	9.919	91.0	571034	132.1049	ng	99
T m+p-Xylenes	10.037	106.0	434892	258.8933	ng	98
T o-Xylene	10.430	106.0	203063	135.7904	ng	100
T Styrene	10.446	104.0	330066	137.0901	ng	100
T Bromoform	10.628	172.5	47581	133.0407	ng	98
T Bromobenzene	11.091	156.0	126080	139.3955	ng	97
T 1,1,2,2-Tetrachloroethane	11.113	83.0	67718	130.0794	ng	99
T 1,2,3-Trichloropropane	11.146	110.0	17239	123.7587	ng	99
T 2-Chlorotoluene	11.294	126.0	125822	139.8096	ng	98
T 4-Chlorotoluene	11.400	91.0	416610	141.9820	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	220553	133.7023	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	220965	131.3708	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	181921	130.4938	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

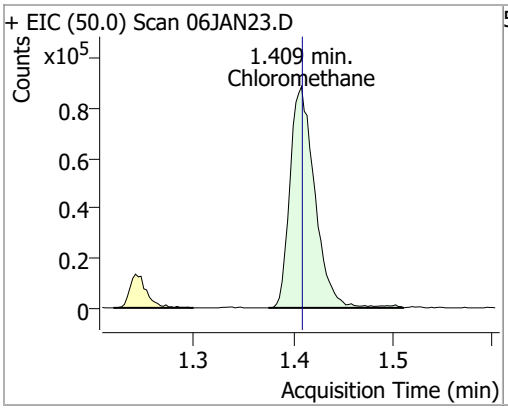
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	104.0775	1.24	0.00	126180	87.0	31.5	2.3	62.3

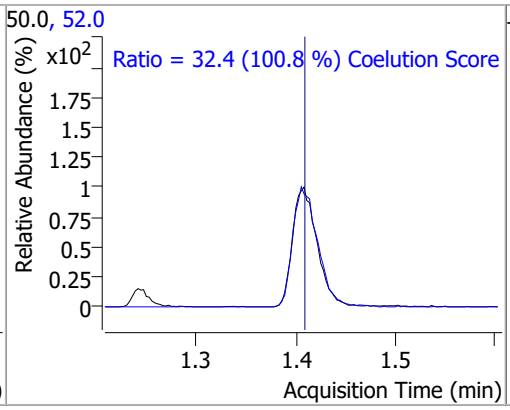


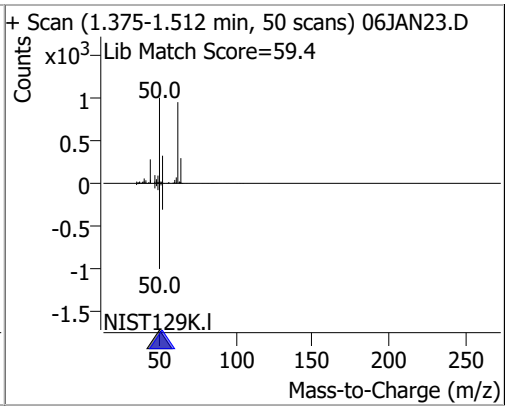




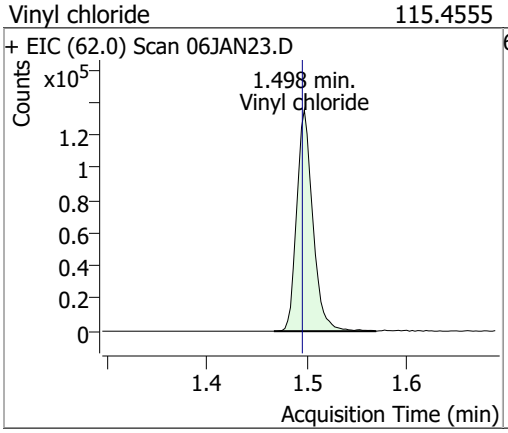
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	104.8165	1.41	0.00	154239	52.0	32.4	2.1	62.1

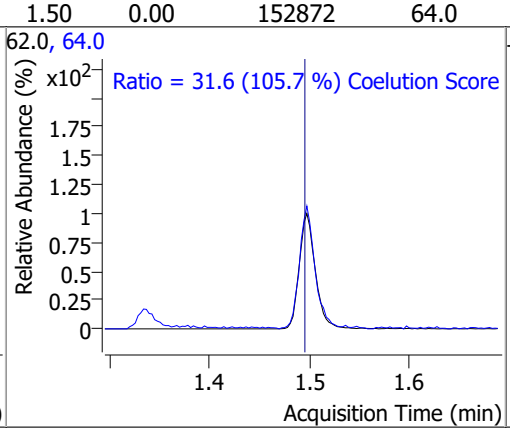


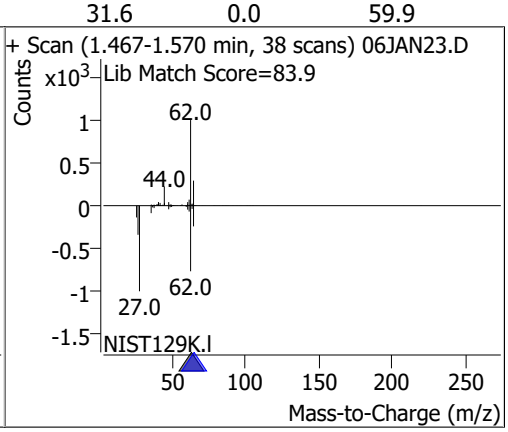




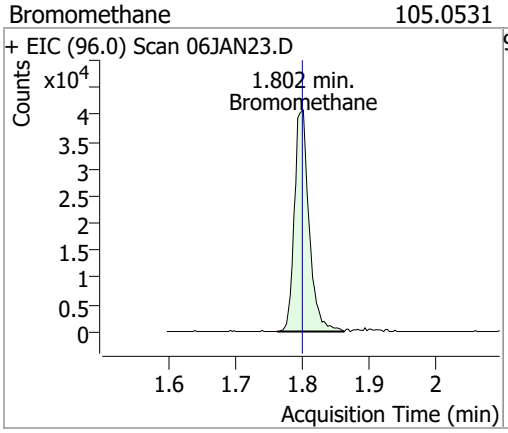
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	115.4555	1.50	0.00	152872	64.0	31.6	0.0	59.9

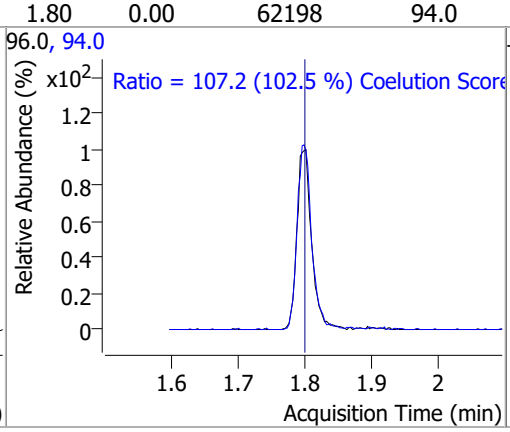


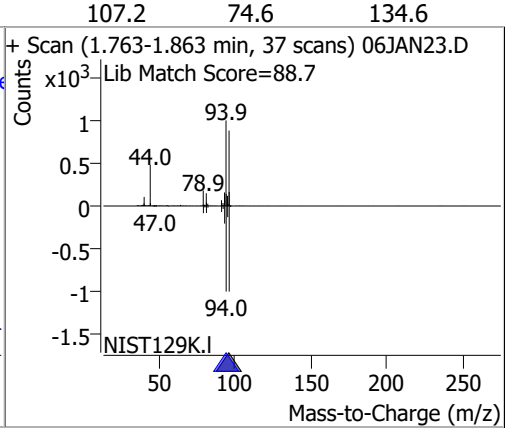




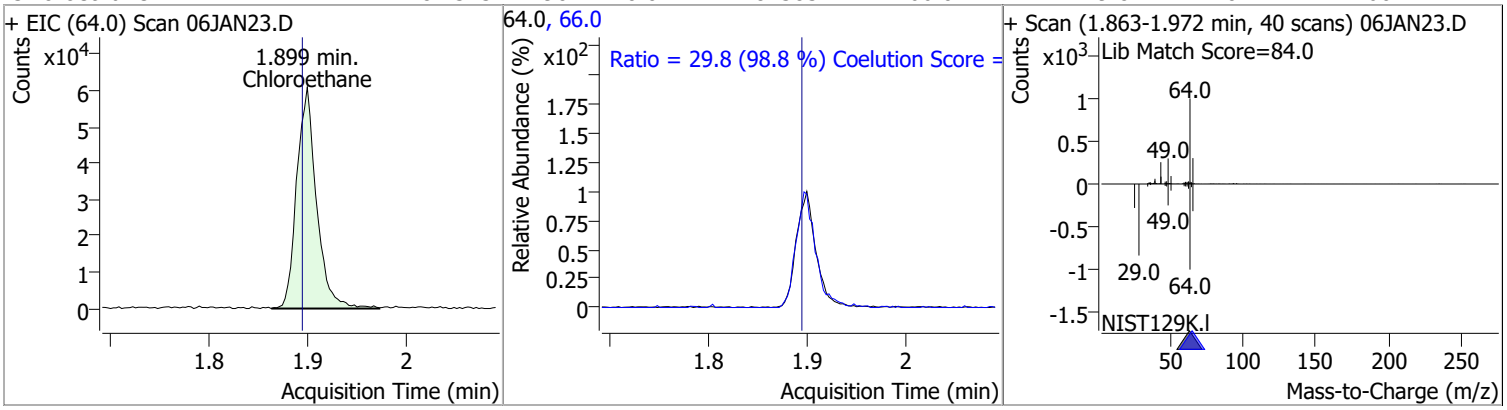
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	105.0531	1.80	0.00	62198	94.0	107.2	74.6	134.6



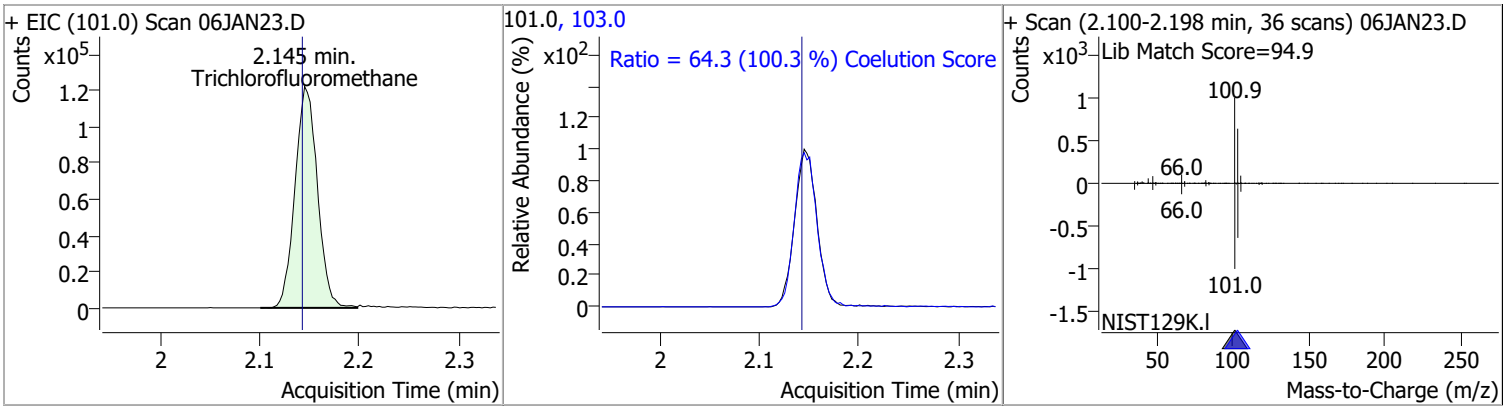




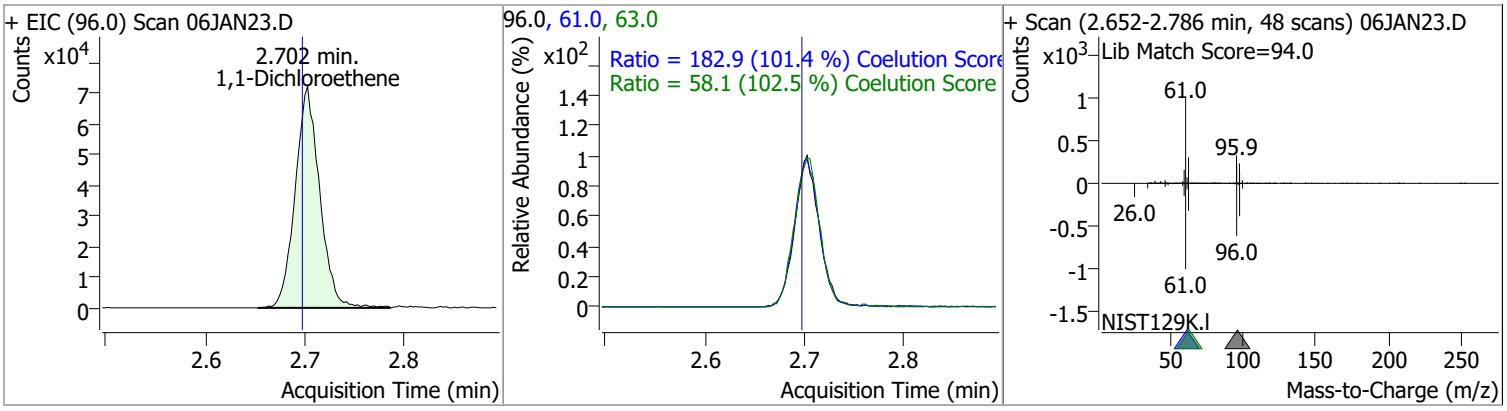
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	128.7315	1.90	0.01	84383	66.0	29.8	0.1	60.1



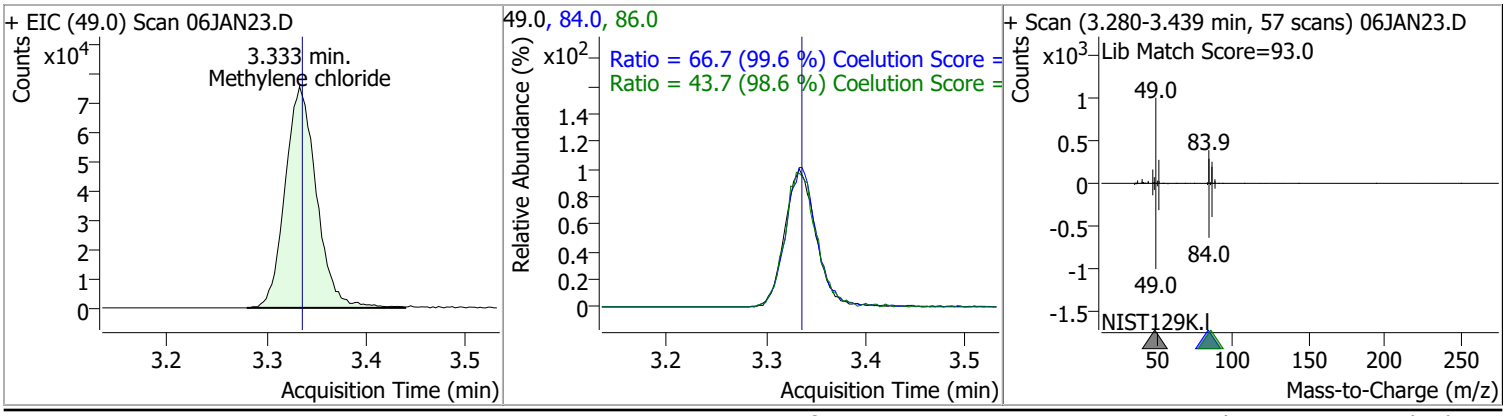
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	116.3308	2.14	0.00	191186	103.0	64.3	34.2	94.2



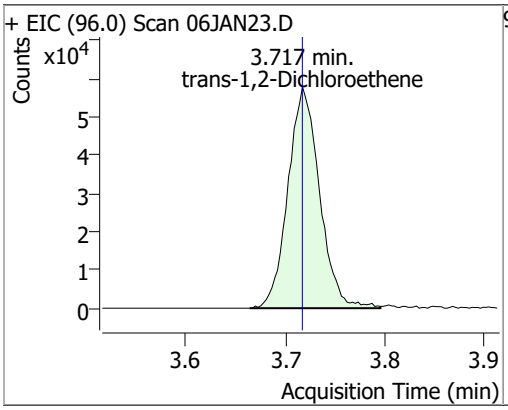
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	132.6100	2.70	0.01	123579	61.0	182.9	150.3	210.3
					63.0	58.1	26.7	86.7

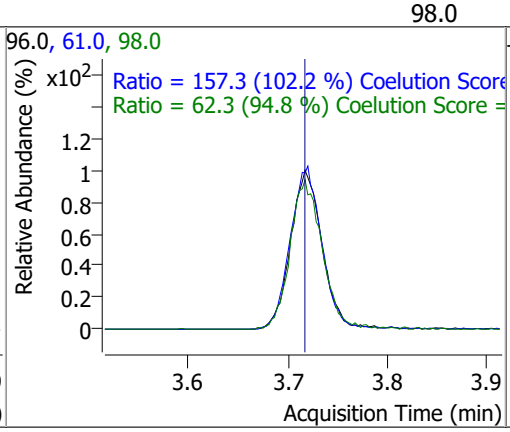


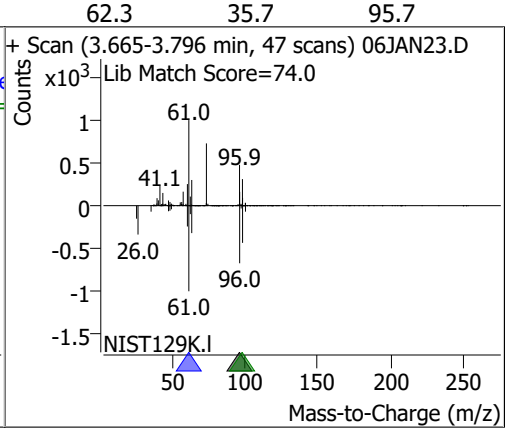
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	119.6438	3.33	0.00	164363	84.0	66.7	36.9	96.9
					86.0	43.7	14.3	74.3



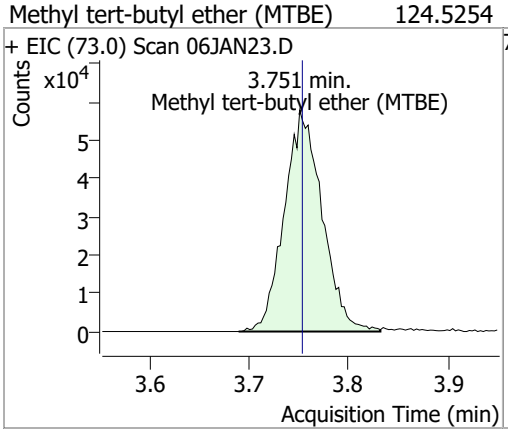
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	133.4568	3.72	0.00	126883	61.0	157.3	123.9	183.9
					98.0	62.3	35.7	95.7

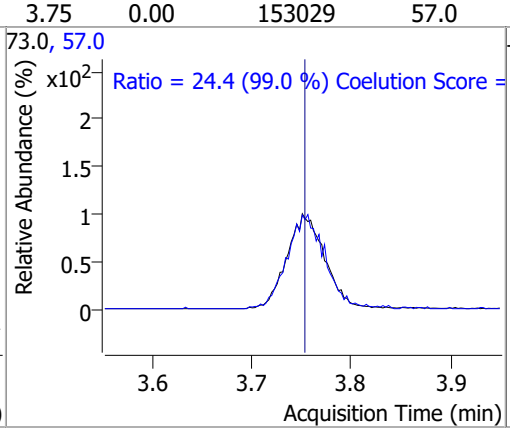


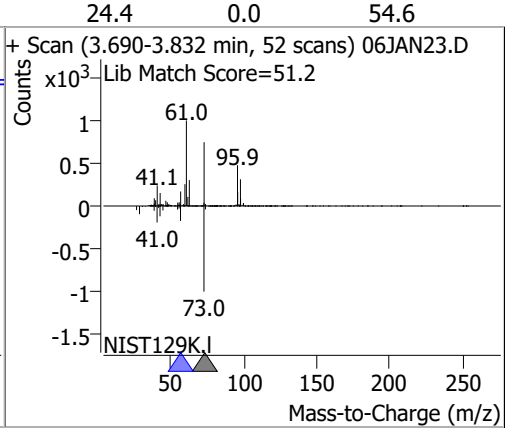




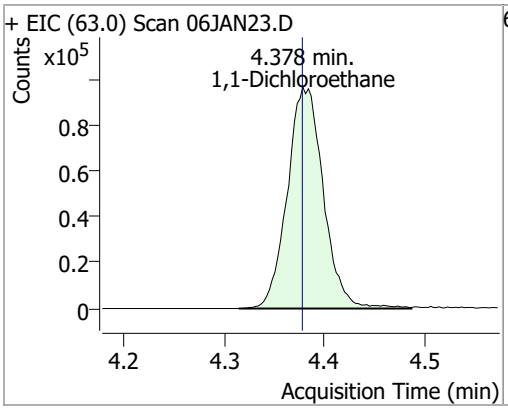
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	124.5254	3.75	0.00	153029	57.0	24.4	0.0	54.6

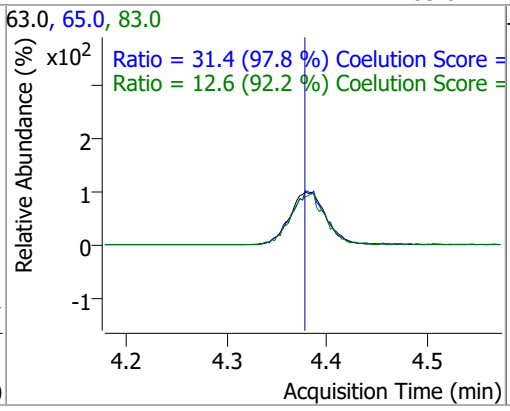


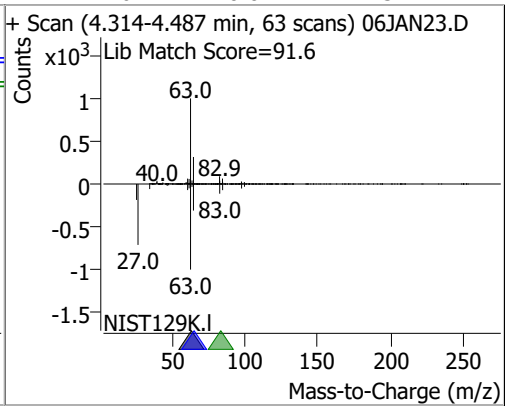




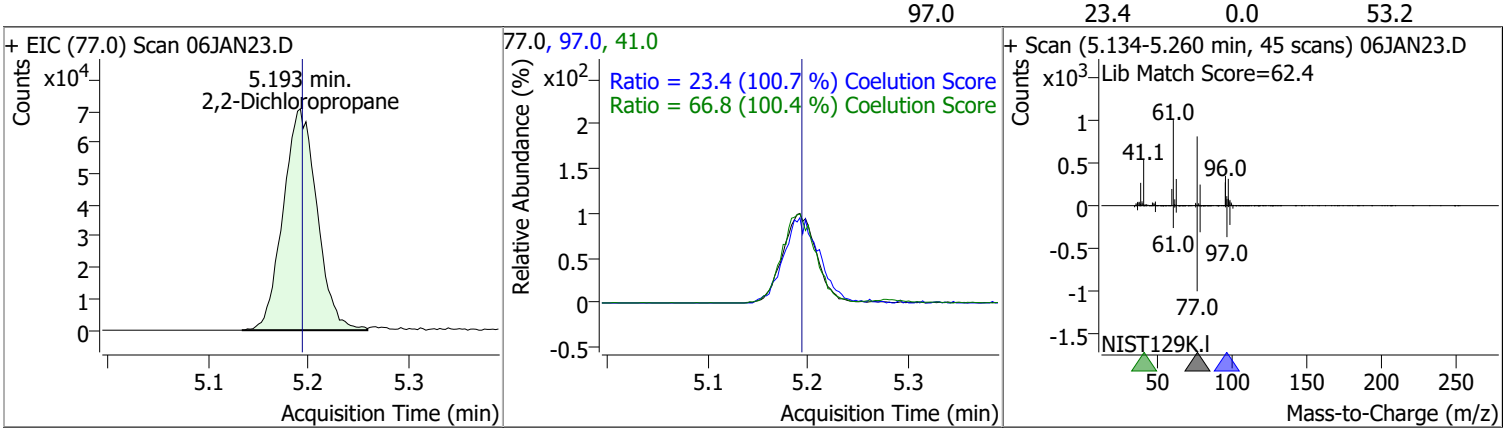
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	136.4698	4.38	0.00	241511	65.0	31.4	2.1	62.1
					83.0	12.6	0.0	43.7



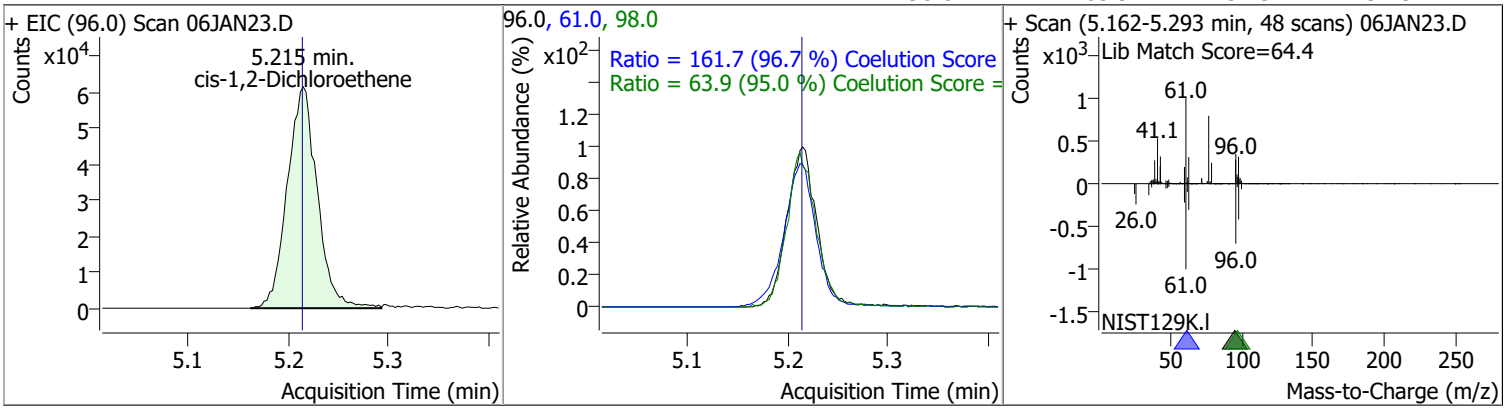




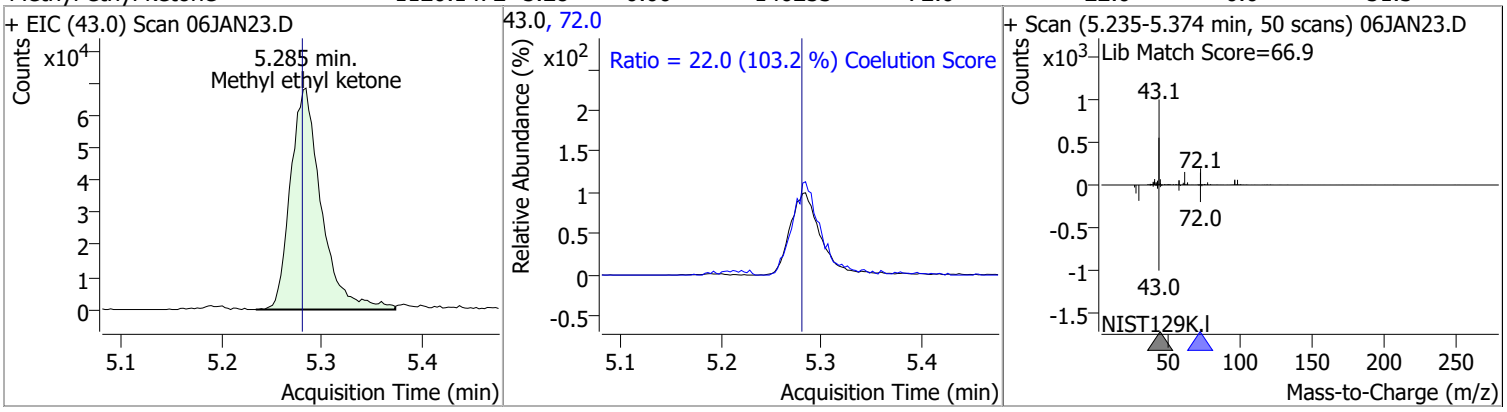
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	125.2638	5.19	0.00	166107	41.0	66.8	36.5	96.5
					97.0	23.4	0.0	53.2



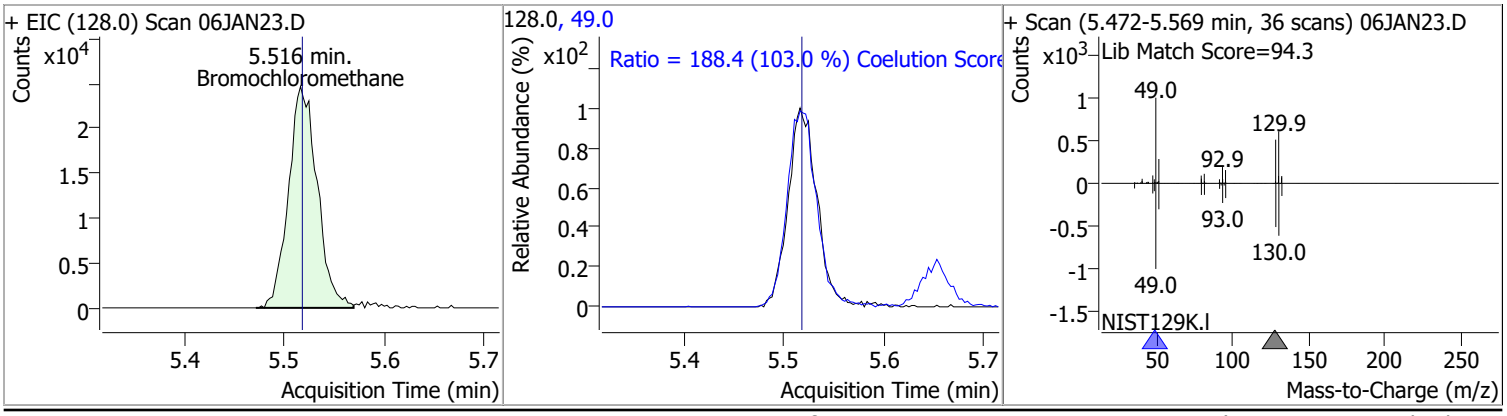
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	132.6699	5.21	0.00	127883	61.0	161.7	137.2	197.2
					98.0	63.9	37.3	97.3



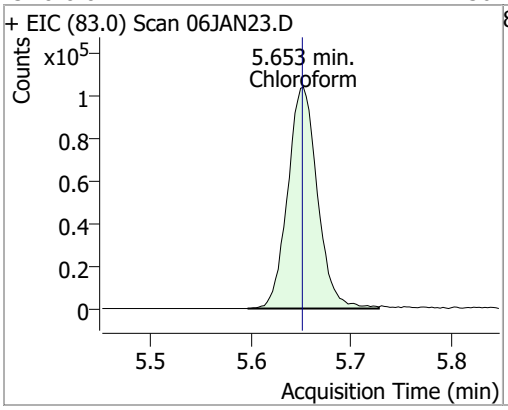
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1120.1472	5.28	0.00	146253	72.0	22.0	0.0	51.3

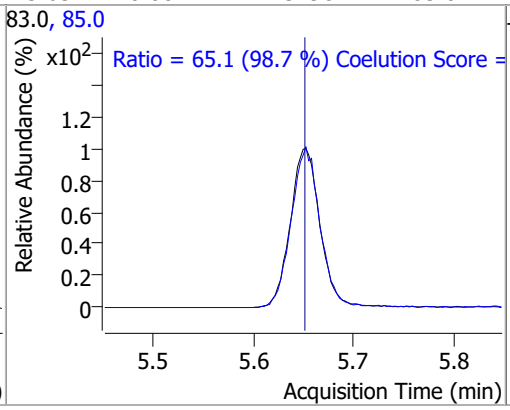


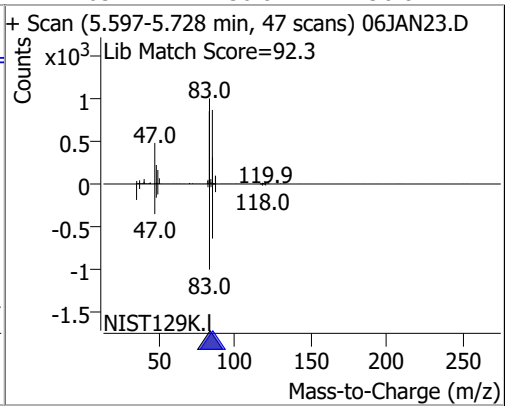
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	123.0252	5.52	0.00	49127	49.0	188.4	152.9	212.9



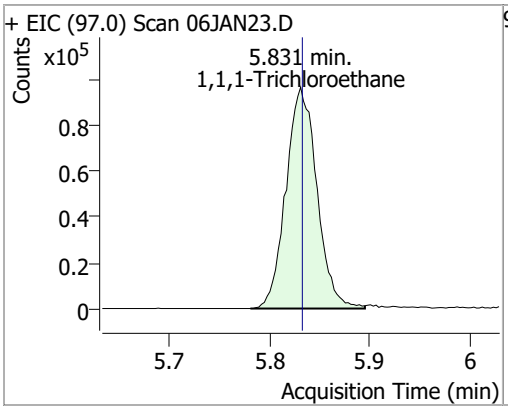
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	122.2436	5.65	0.00	215298	85.0	65.1	36.0	96.0

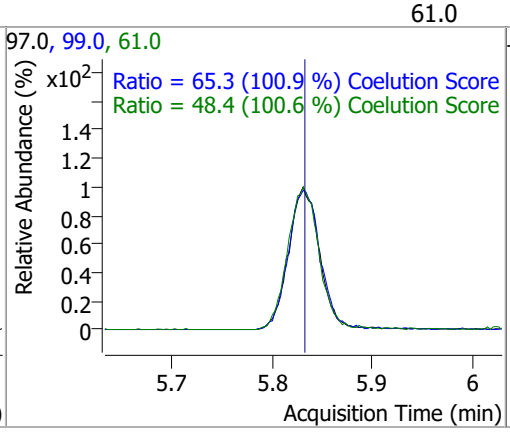


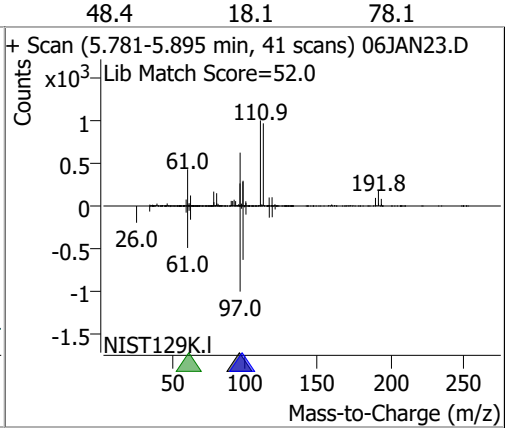




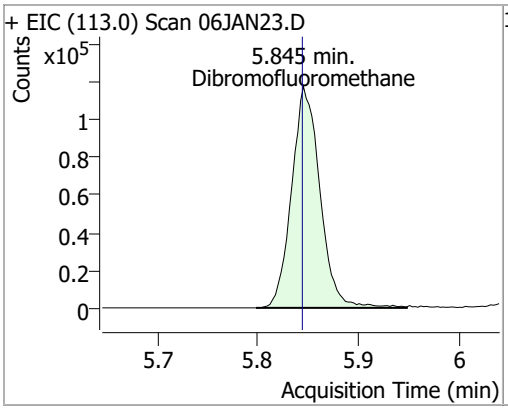
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	125.6993	5.83	0.00	207472	99.0	65.3	34.7	94.7
					61.0	48.4	18.1	78.1

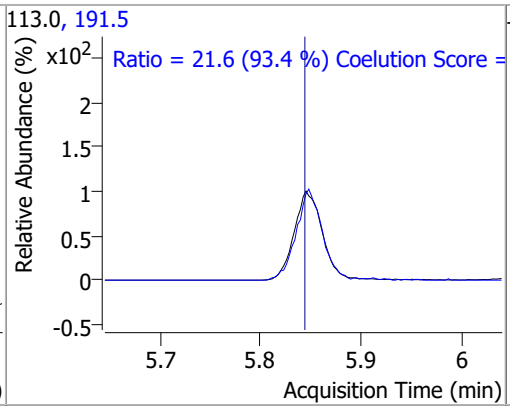


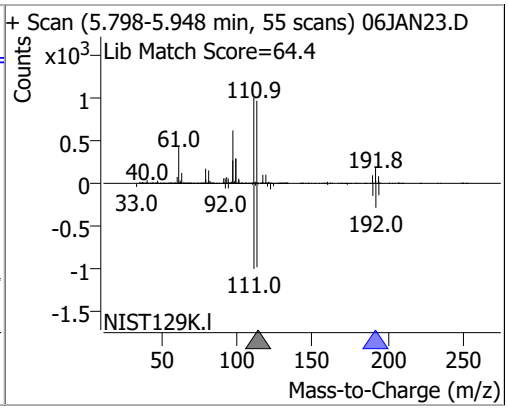




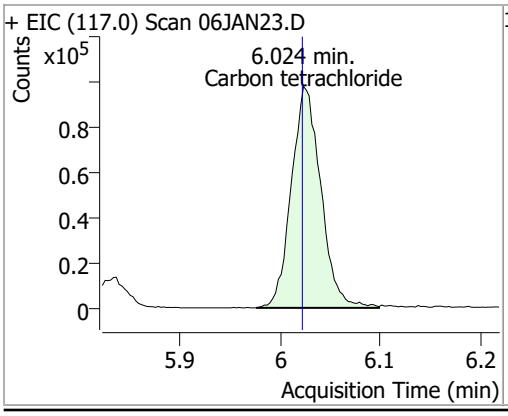
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	265.7322	5.85	0.00	231612	191.5	21.6	0.0	53.1

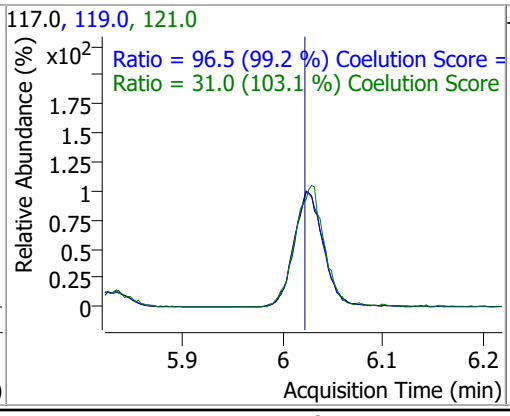


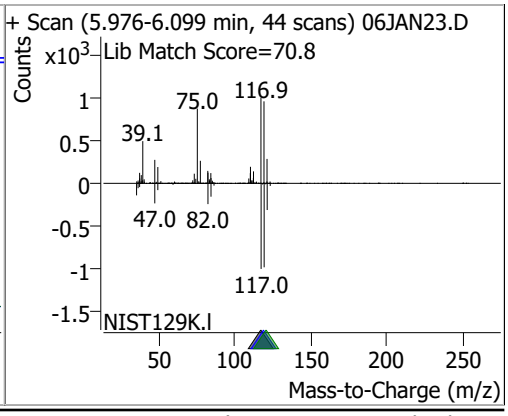




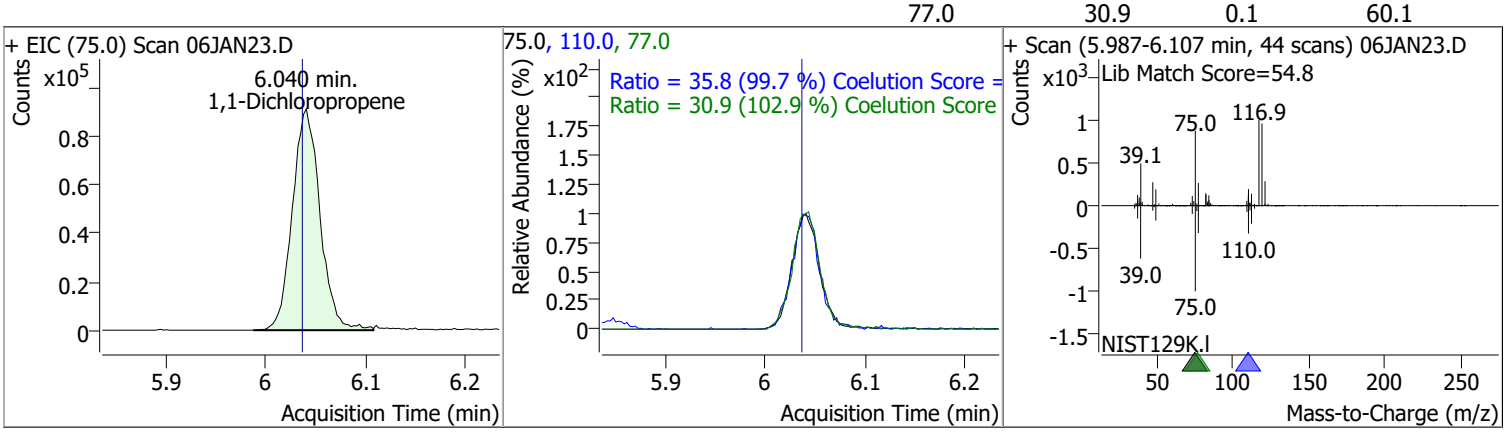
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	123.6146	6.02	0.00	201025	119.0	96.5	67.2	127.2
					121.0	31.0	0.1	60.1



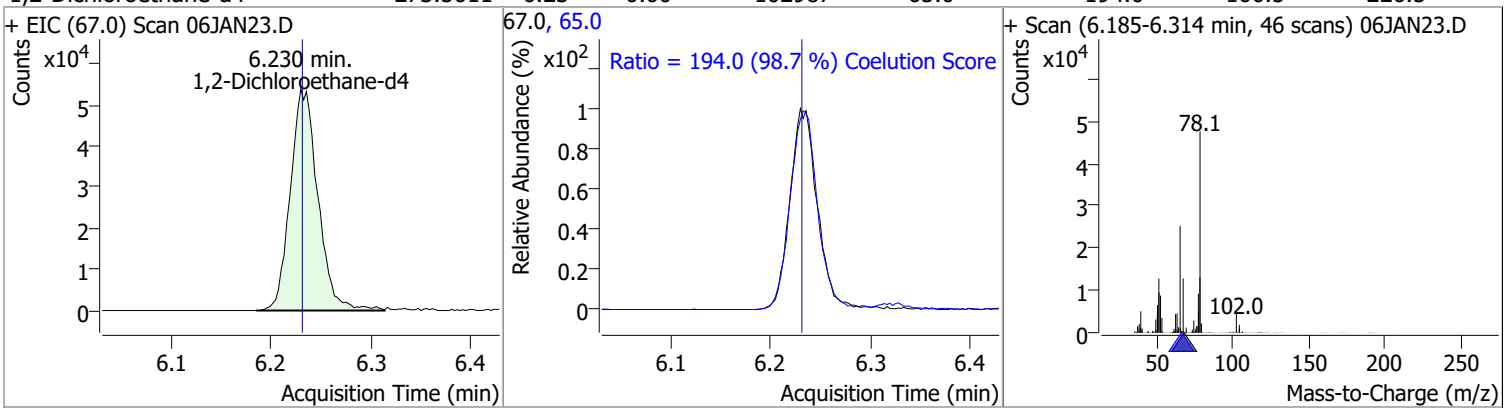




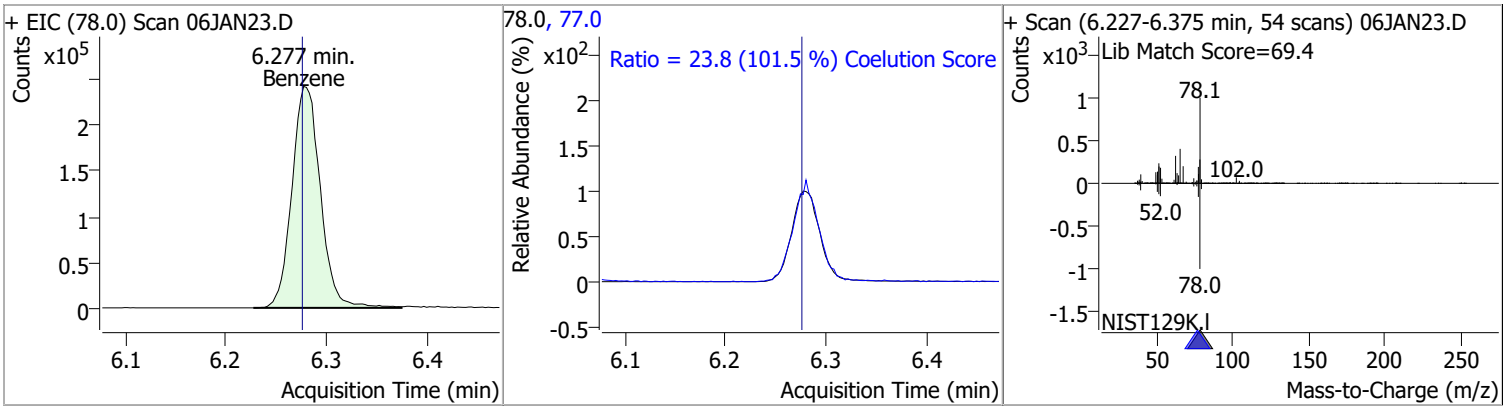
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	124.4323	6.04	0.00	174627	110.0	35.8	5.9	65.9
					77.0	30.9	0.1	60.1



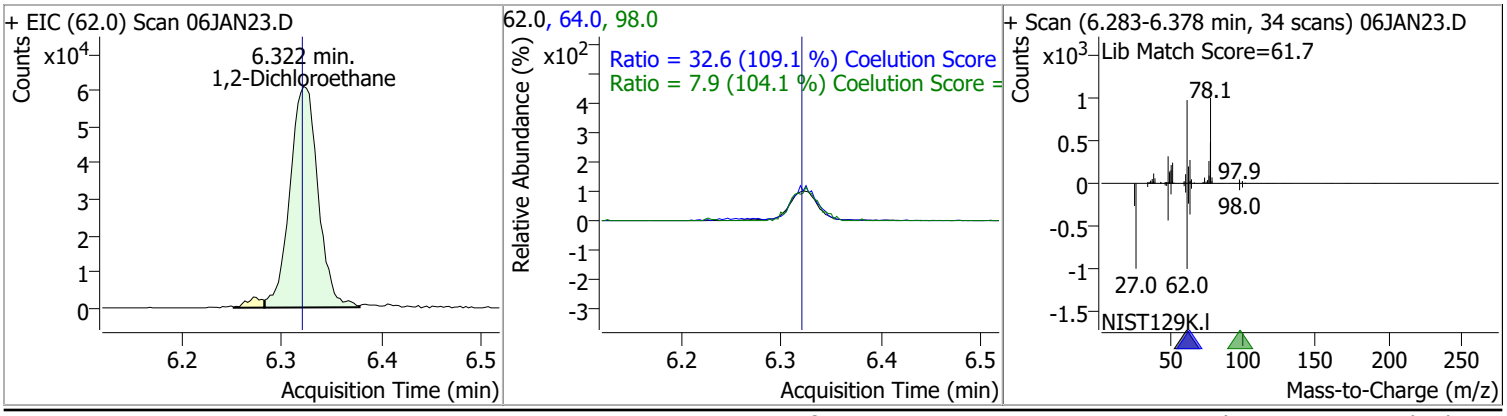
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	273.5611	6.23	0.00	102987	65.0	194.0	166.5	226.5



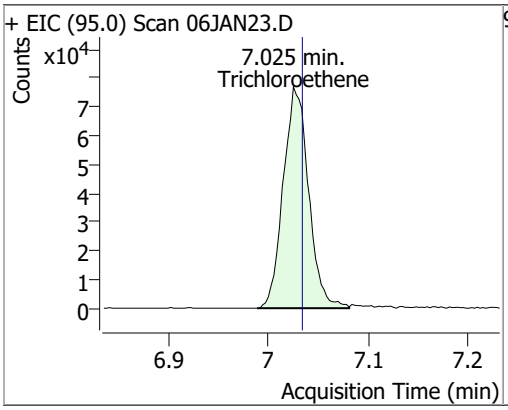
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	129.9199	6.28	0.00	478573	77.0	23.8	0.0	53.5

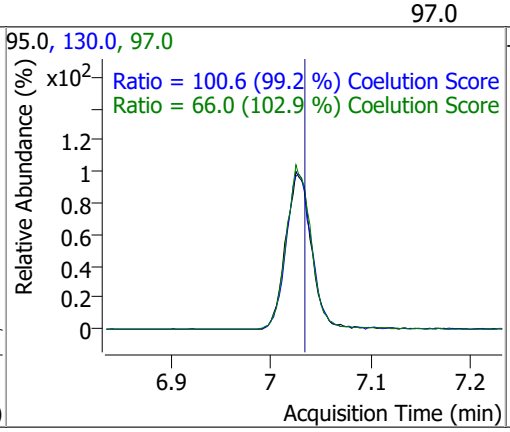


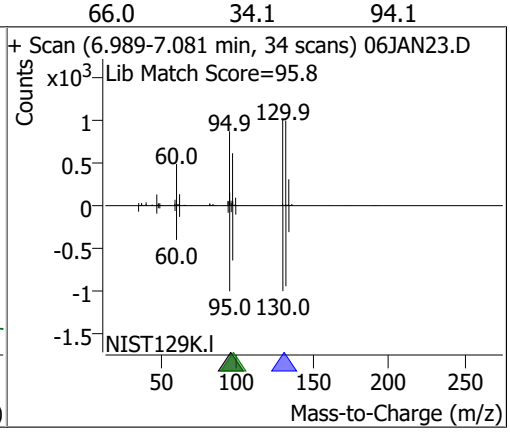
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	119.3638	6.32	0.00	118947	64.0	32.6	0.0	59.9
					98.0	7.9	0.0	37.6



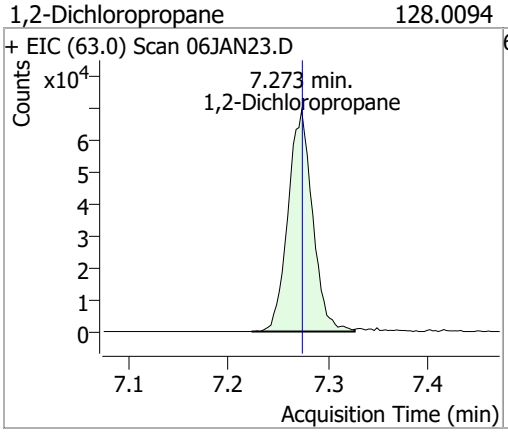
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	128.4741	7.02	-0.01	135505	130.0	100.6	71.5	131.5
					97.0	66.0	34.1	94.1

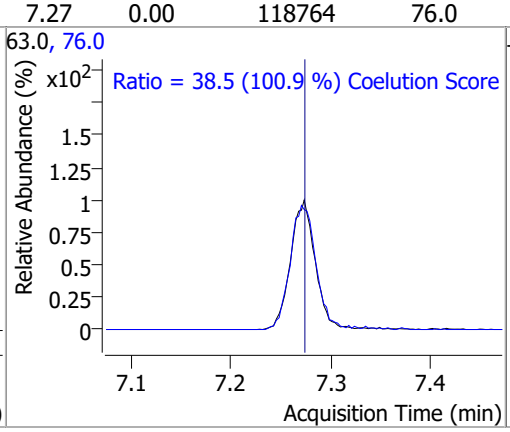


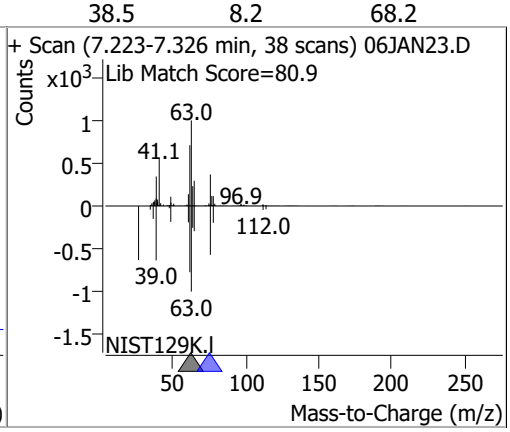




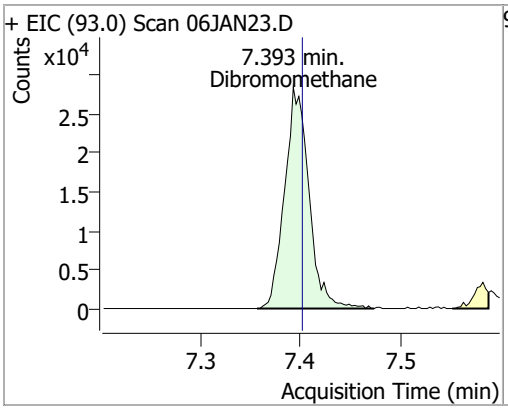
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	128.0094	7.27	0.00	118764	76.0	38.5	8.2	68.2

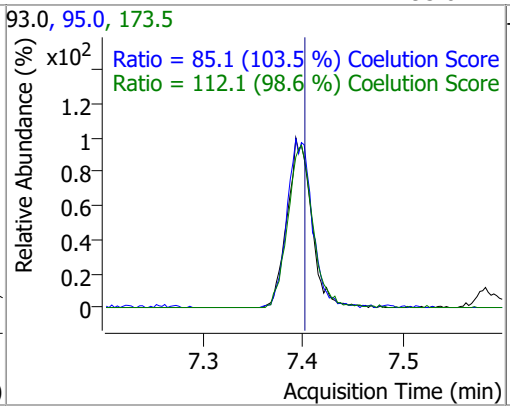


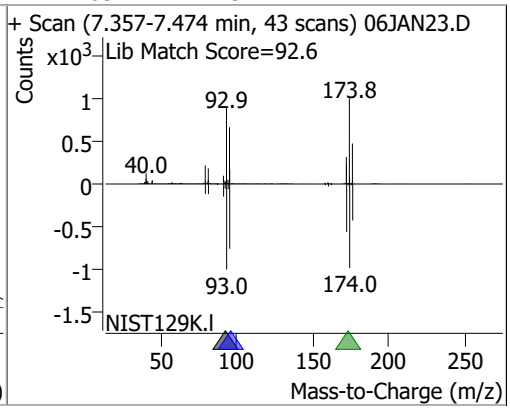




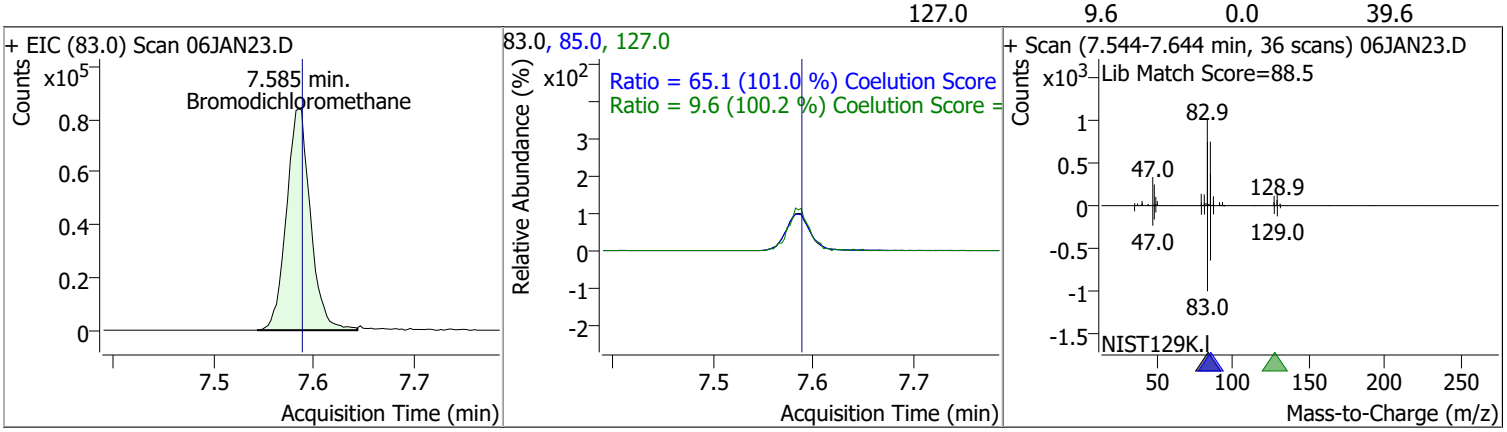
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	122.9202	7.39	-0.01	48193	173.5	112.1	83.7	143.7
					95.0	85.1	52.2	112.2



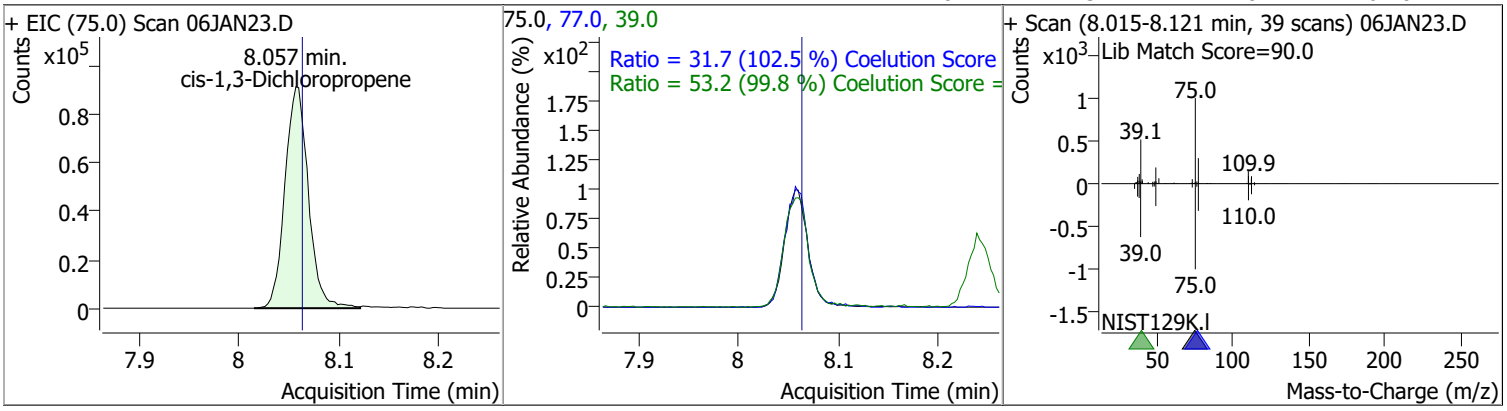




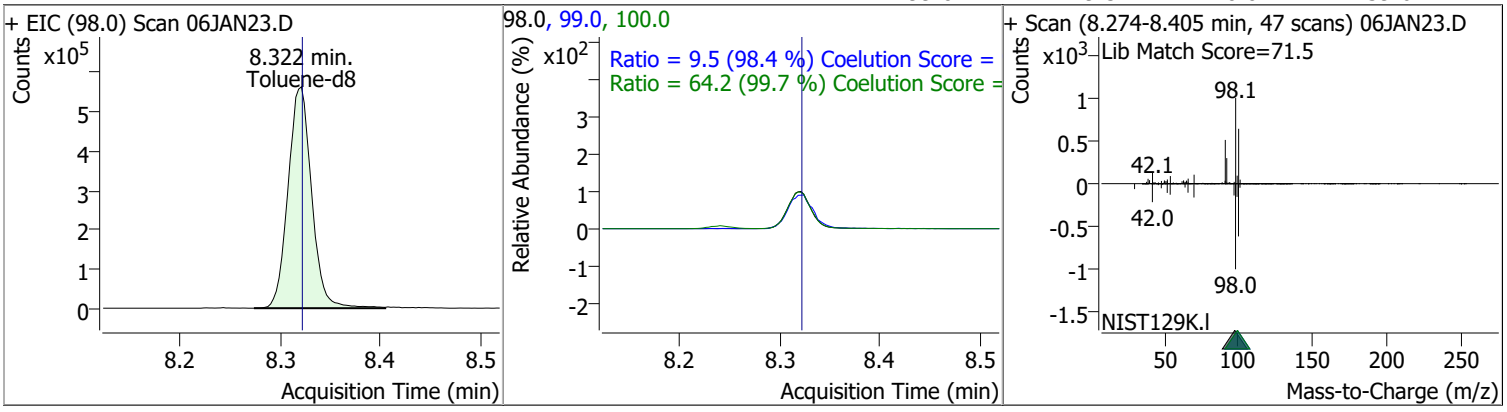
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	129.5499	7.59	0.00	140176	85.0	65.1	34.5	94.5
					127.0	9.6	0.0	39.6



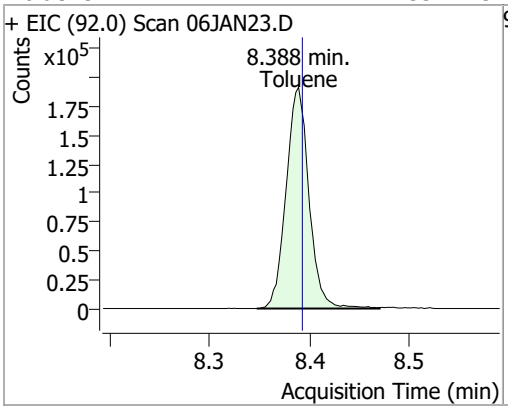
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	121.1440	8.06	0.00	148204	39.0	53.2	23.3	83.3
					77.0	31.7	1.0	61.0

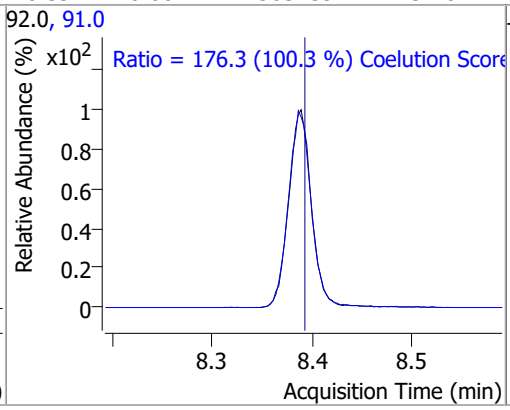


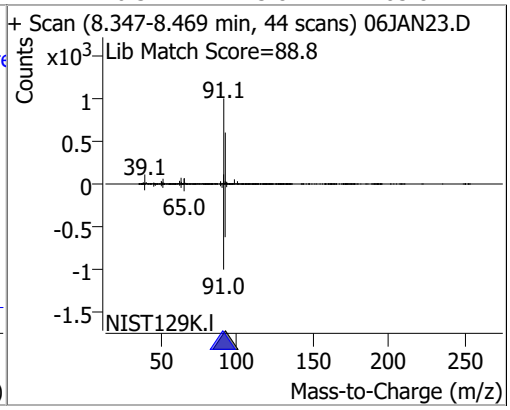
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	273.5290	8.32	0.00	921828	100.0	64.2	34.4	94.4
					99.0	9.5	0.0	39.6



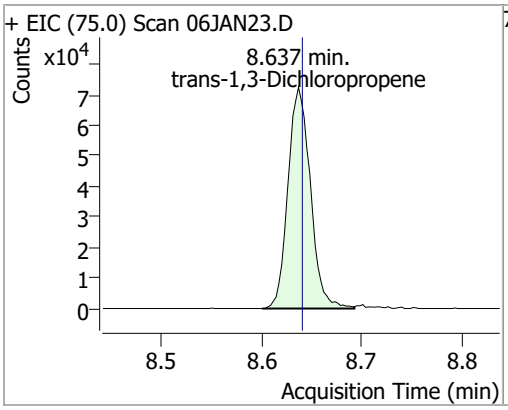
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	133.4225	8.39	0.00	303739	91.0	176.3	145.8	205.8

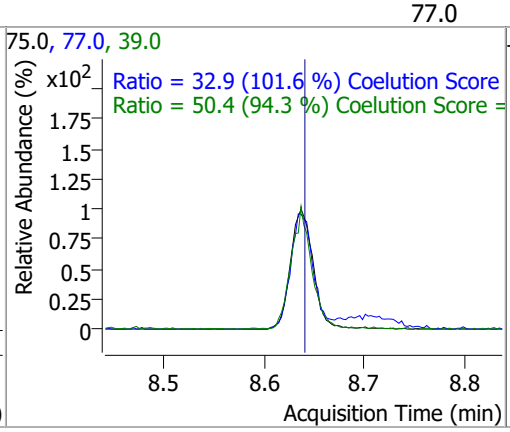


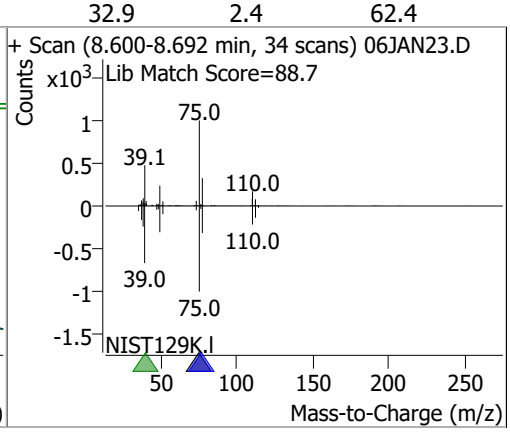




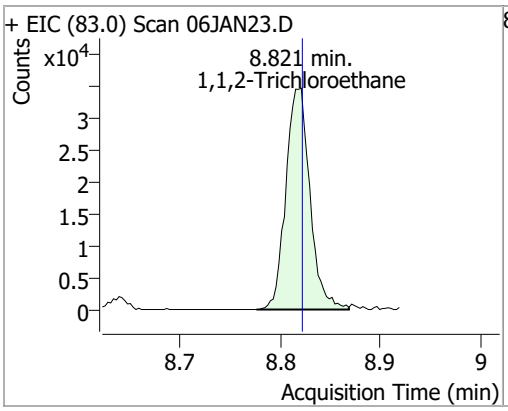
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	129.5083	8.64	0.00	112778	39.0	50.4	23.4	83.4
					77.0	32.9	2.4	62.4

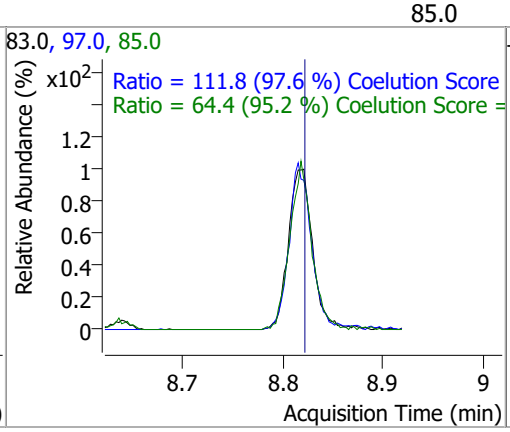


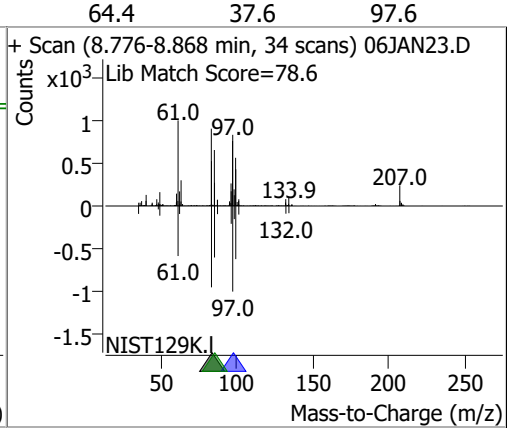




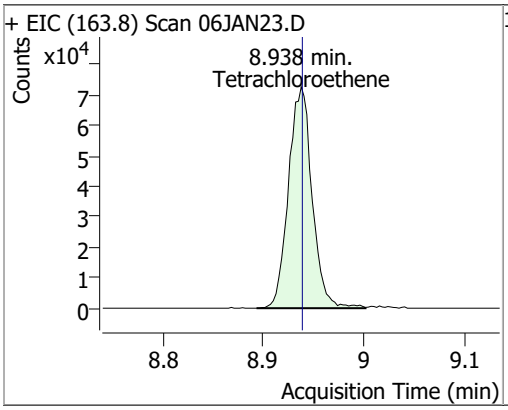
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	127.2683	8.82	0.00	57727	97.0	111.8	84.6	144.6
					85.0	64.4	37.6	97.6

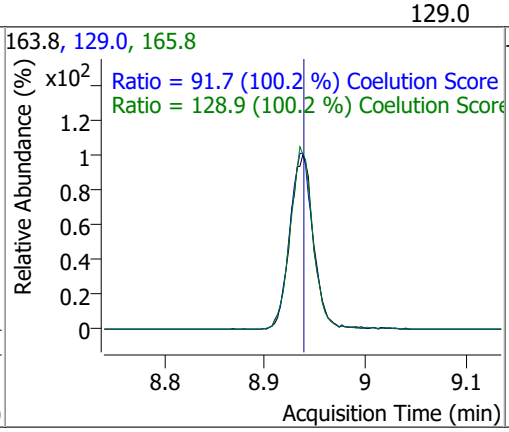


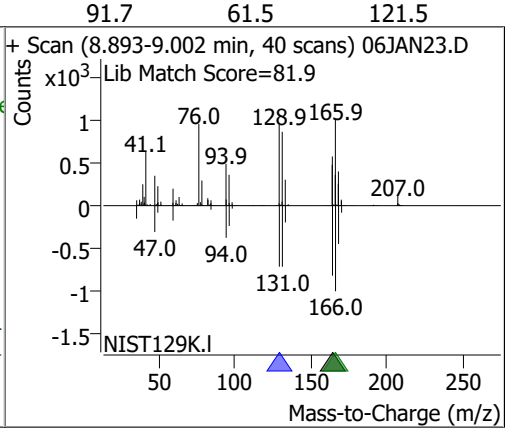




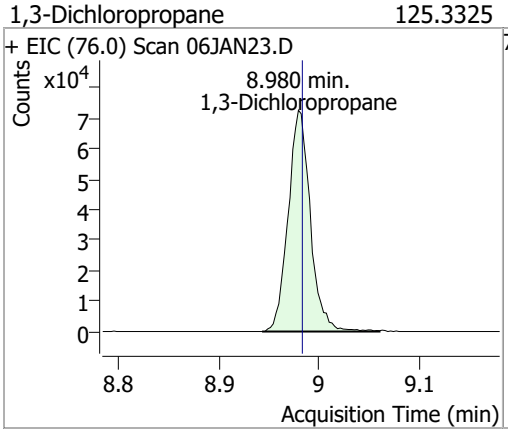
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	127.7979	8.94	0.00	118691	165.8	128.9	98.6	158.6
					129.0	91.7	61.5	121.5

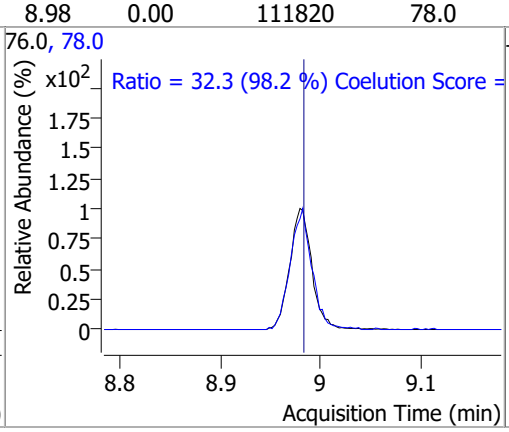


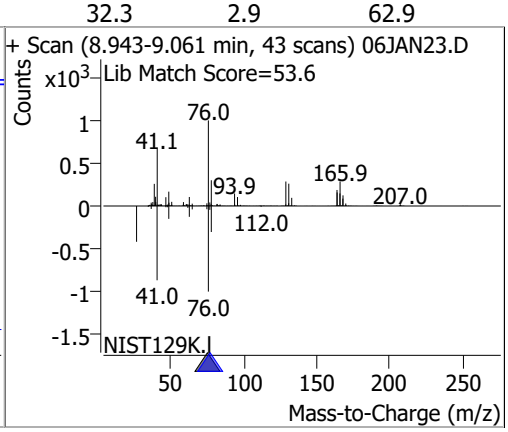




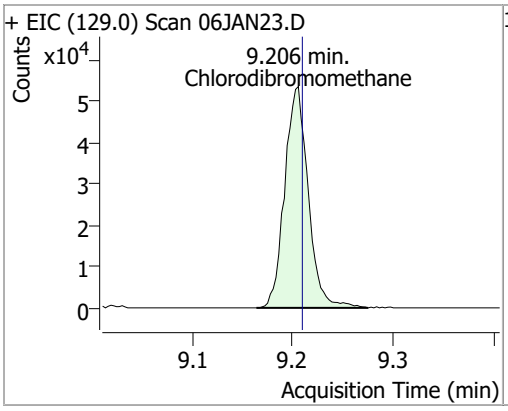
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	125.3325	8.98	0.00	111820	78.0	32.3	2.9	62.9

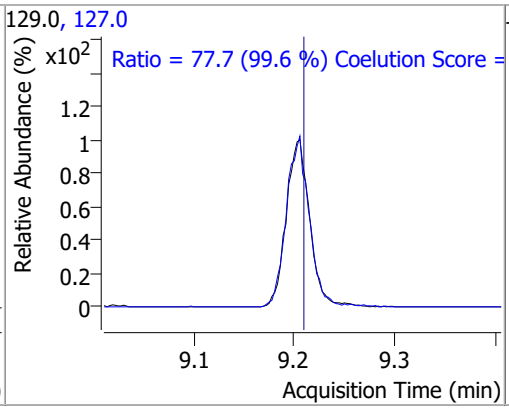


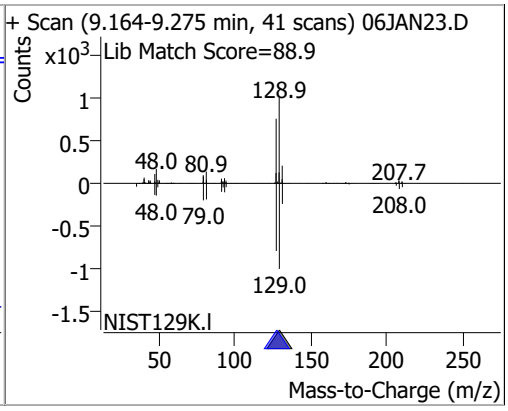




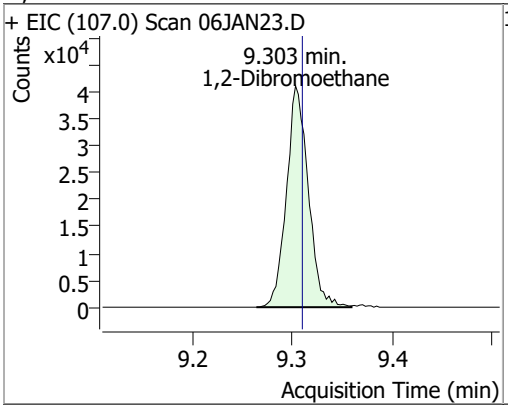
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	122.8575	9.21	0.00	87094	127.0	77.7	48.0	108.0

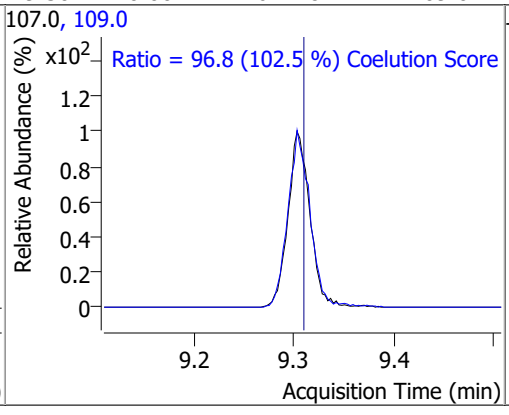


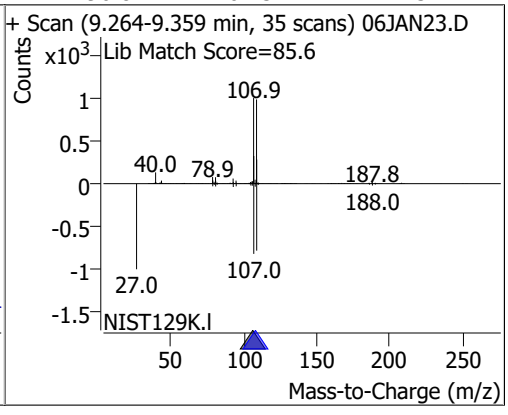




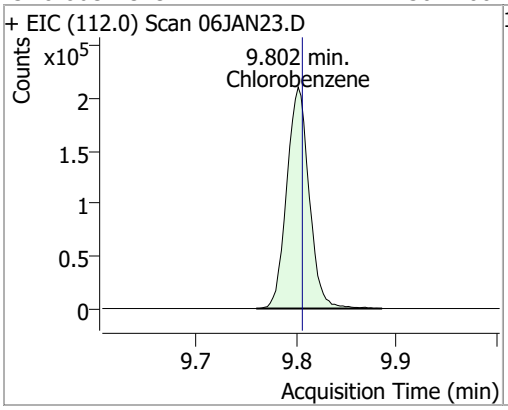
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	125.5105	9.30	0.00	62248	109.0	96.8	64.5	124.5

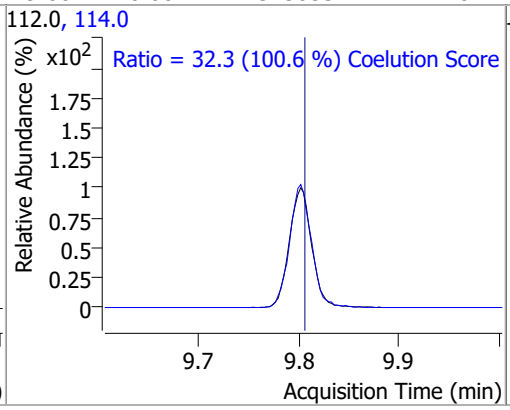


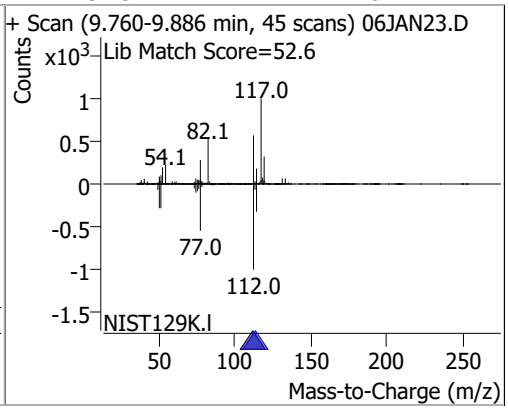




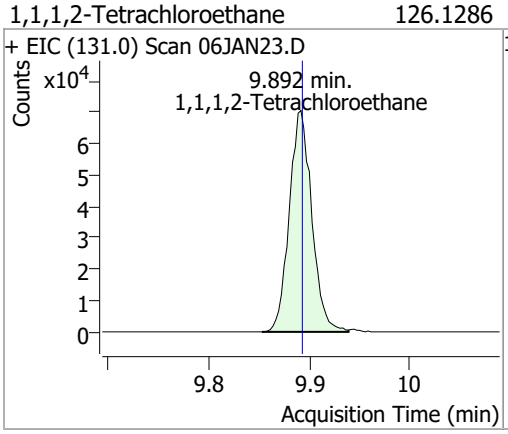
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	130.4200	9.80	0.00	325053	114.0	32.3	2.1	62.1

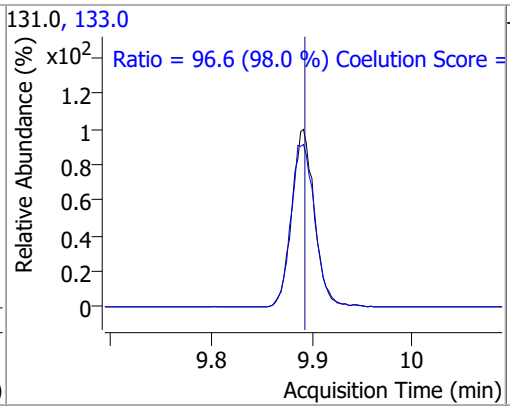


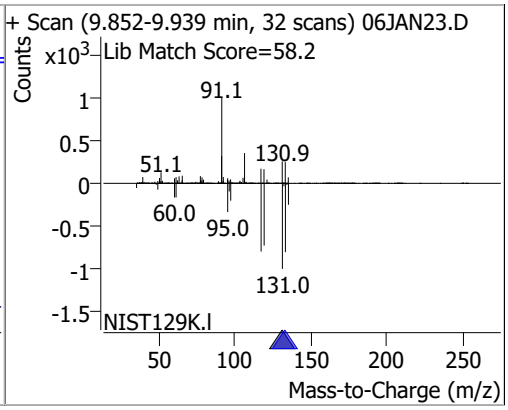




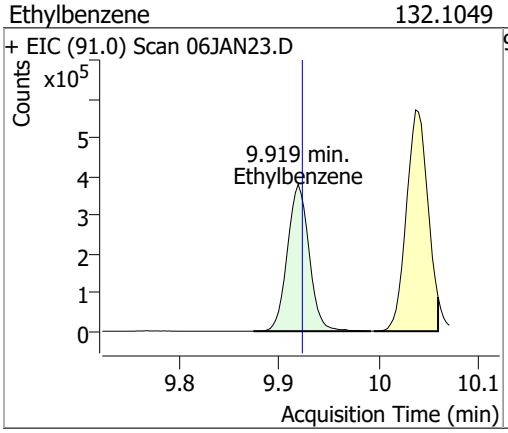
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	126.1286	9.89	0.00	109888	133.0	96.6	68.6	128.6

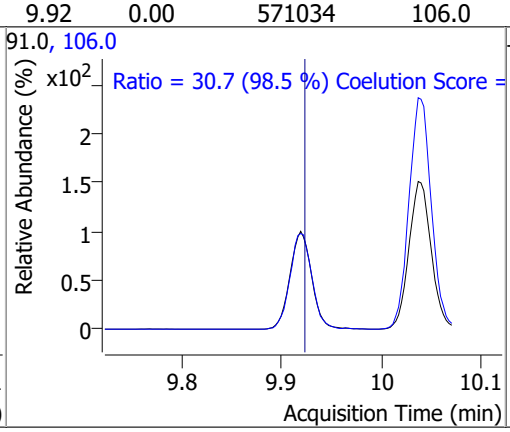


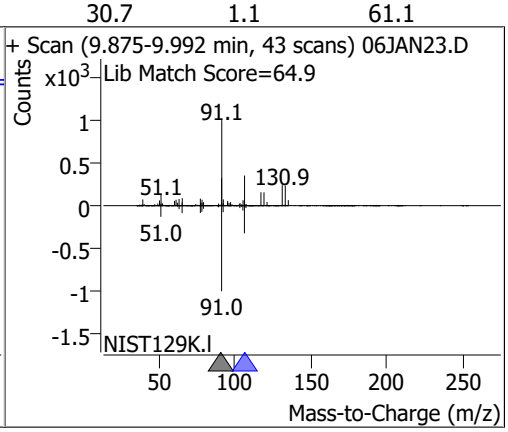




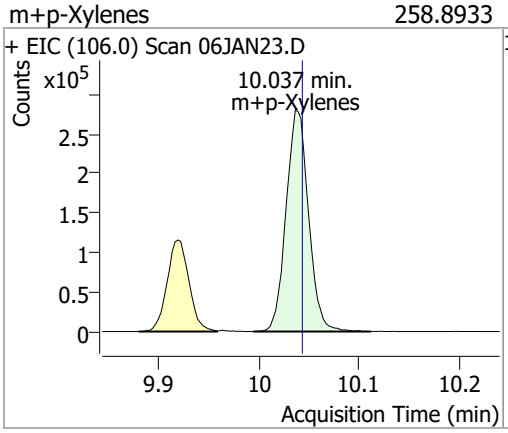
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	132.1049	9.92	0.00	571034	106.0	30.7	1.1	61.1

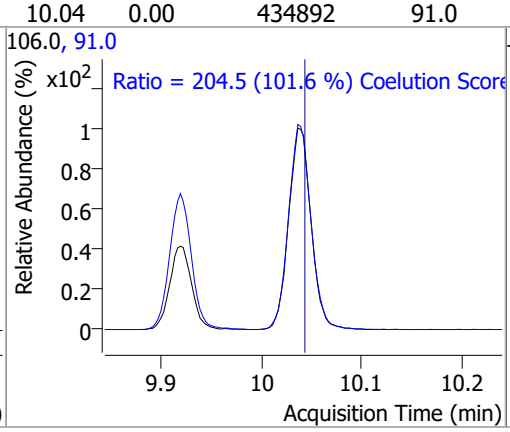


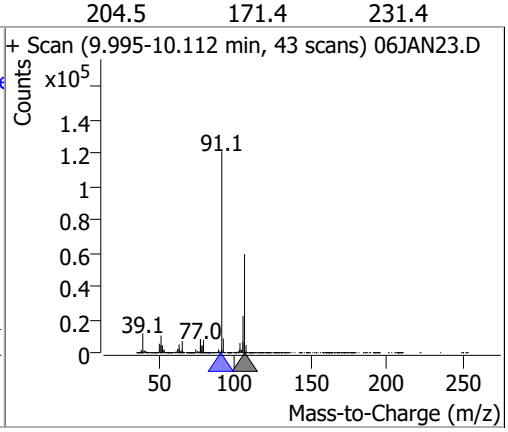




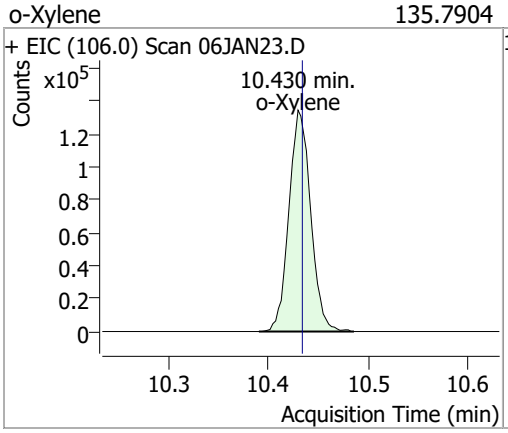
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	258.8933	10.04	0.00	434892	91.0	204.5	171.4	231.4

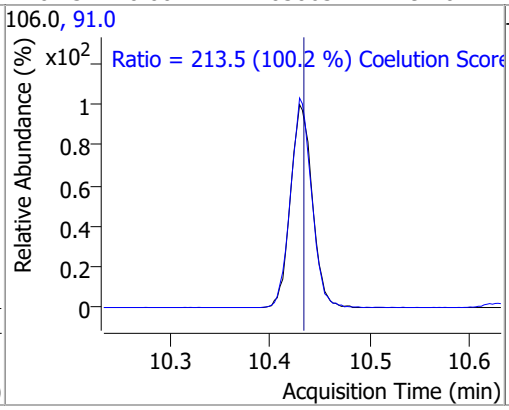


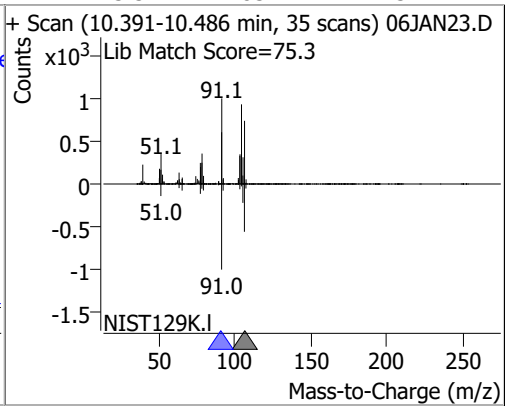




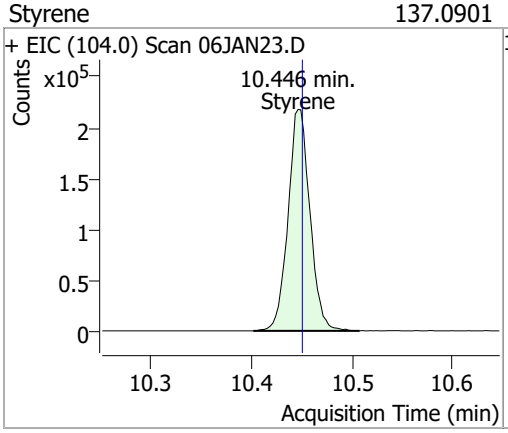
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	135.7904	10.43	0.00	203063	91.0	213.5	183.1	243.1

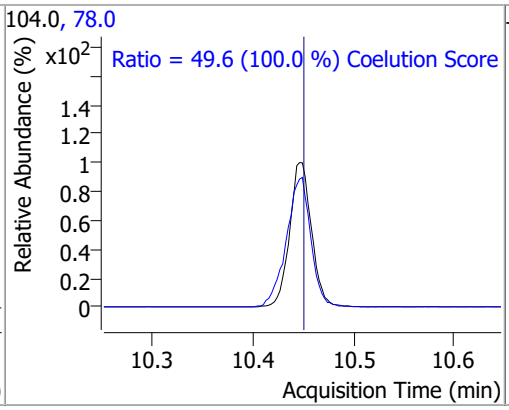


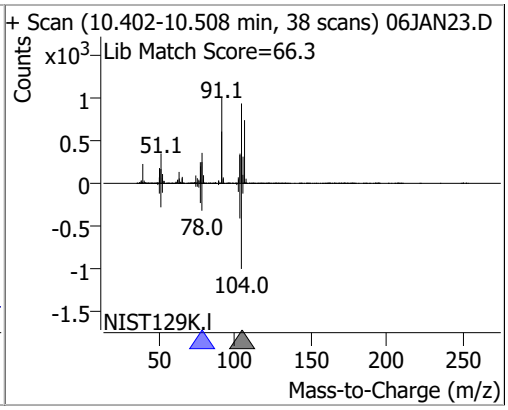




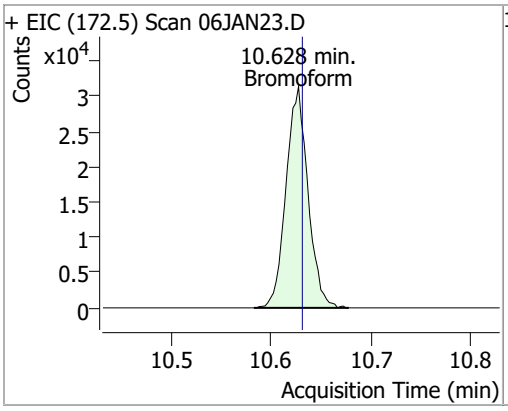
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	137.0901	10.45	0.00	330066	78.0	49.6	19.6	79.6

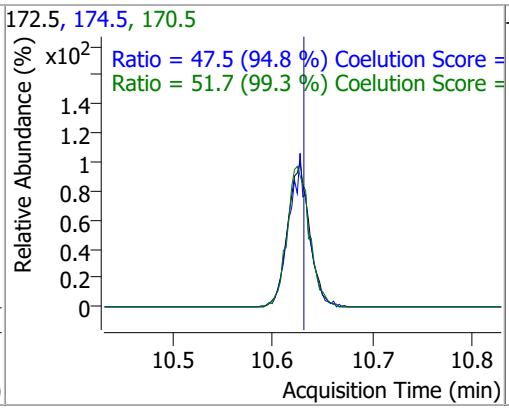


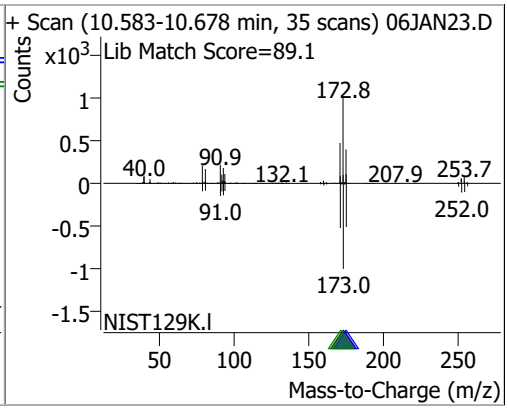




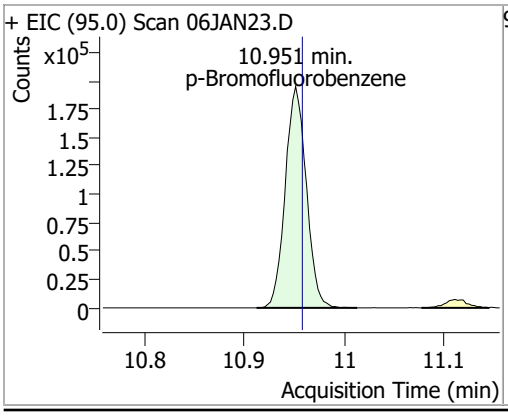
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	133.0407	10.63	0.00	47581	170.5	51.7	22.1	82.1
					174.5	47.5	20.1	80.1

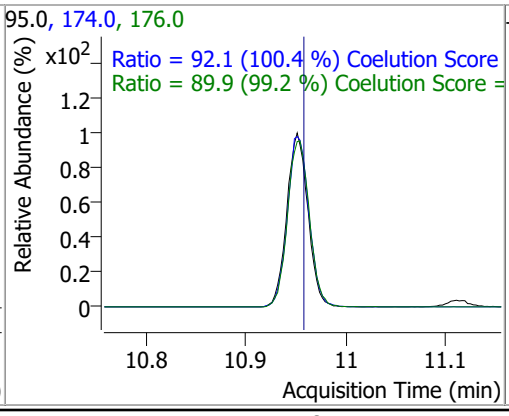


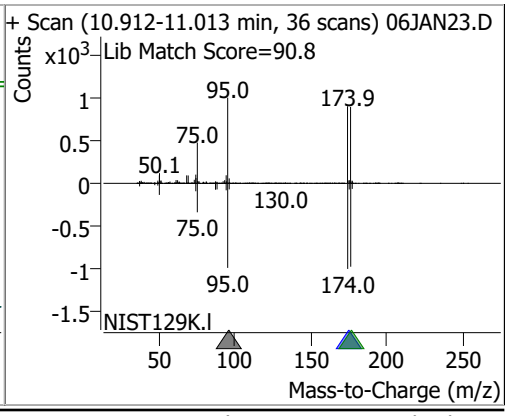




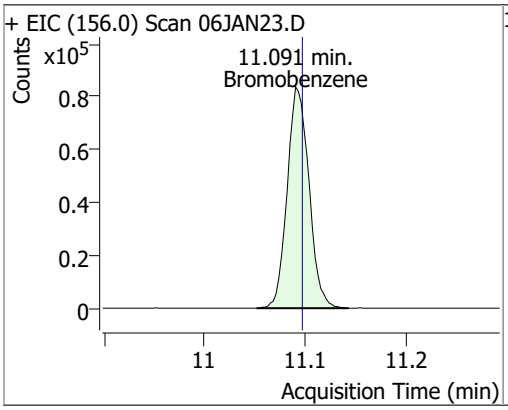
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	277.4684	10.95	0.00	284096	174.0	92.1	61.7	121.7
					176.0	89.9	60.6	120.6

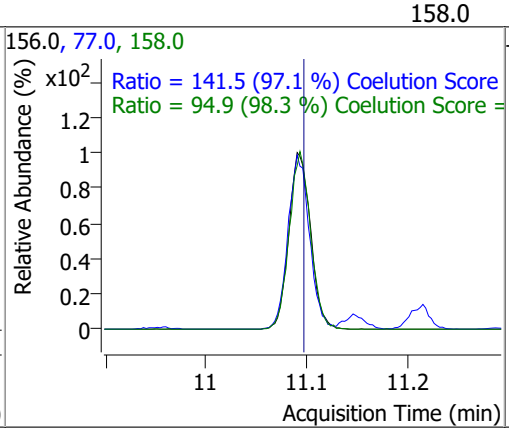


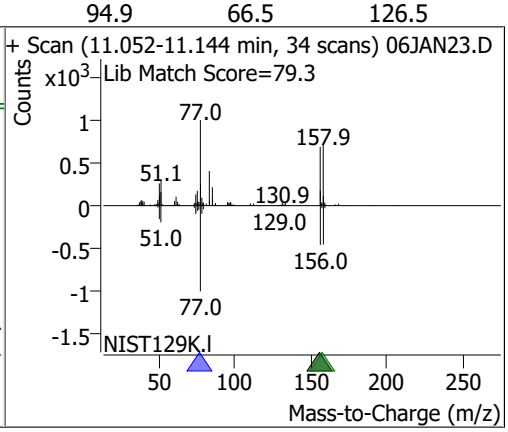




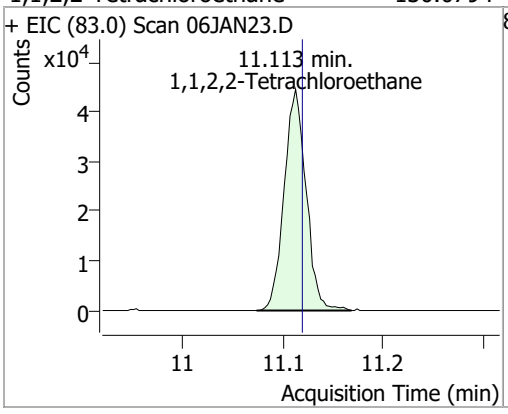
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	139.3955	11.09	0.00	126080	77.0	141.5	115.7	175.7
					158.0	94.9	66.5	126.5

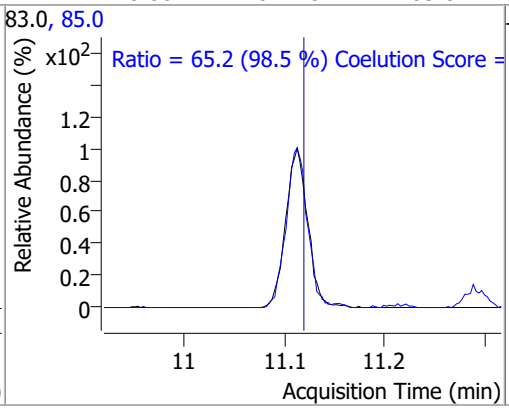


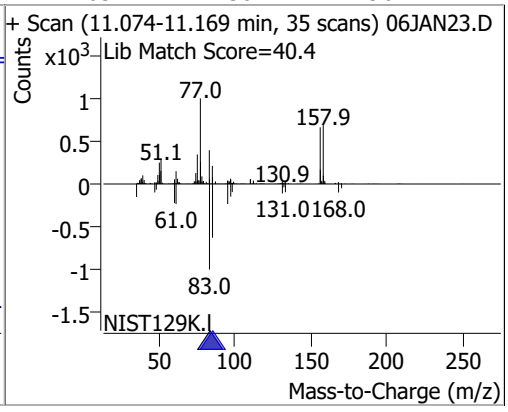




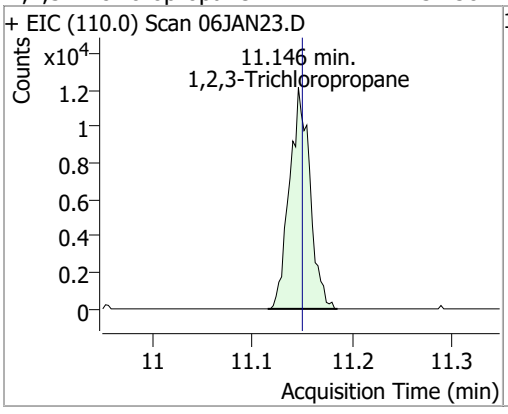
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	130.0794	11.11	0.00	67718	85.0	65.2	36.2	96.2

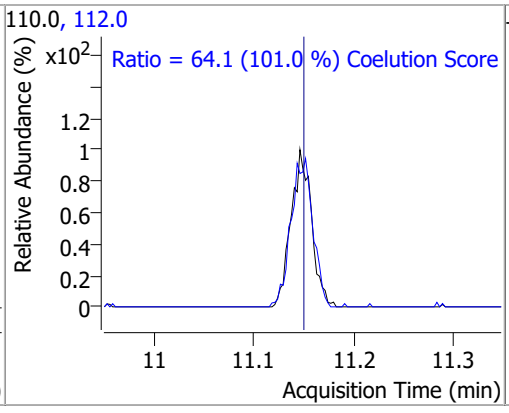


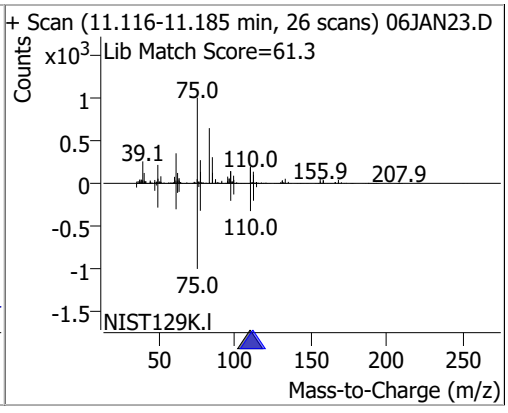




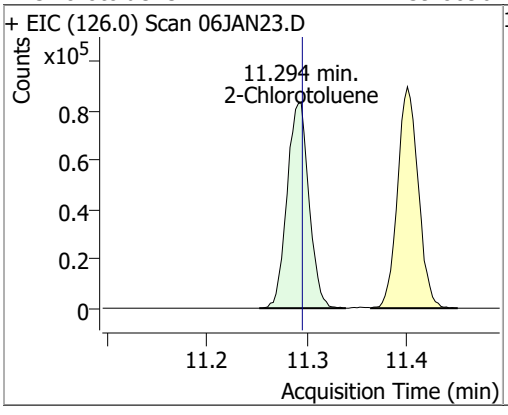
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	123.7587	11.15	0.00	17239	112.0	64.1	33.5	93.5

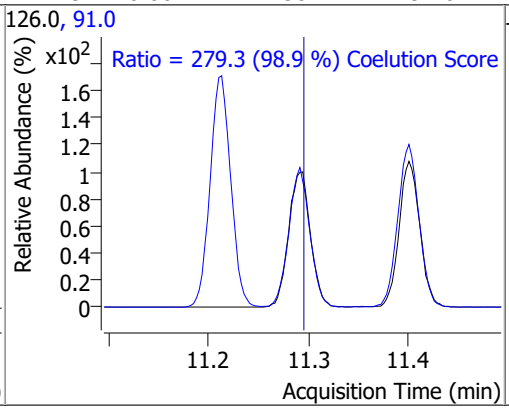


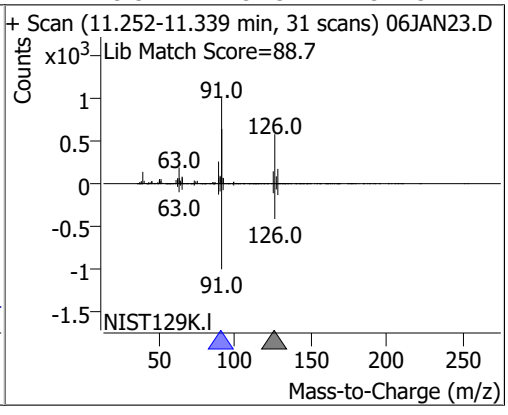




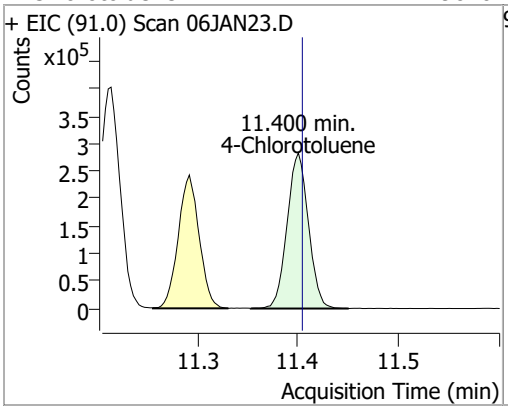
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	139.8096	11.29	0.00	125822	91.0	279.3	252.3	312.3

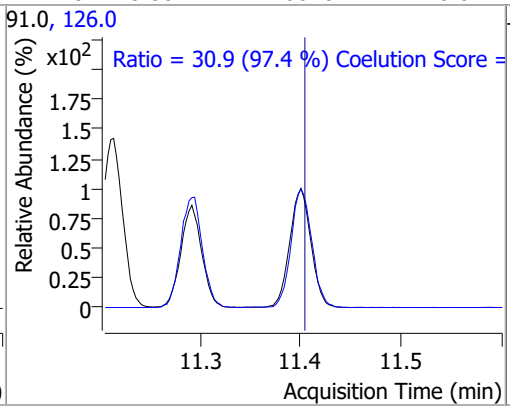


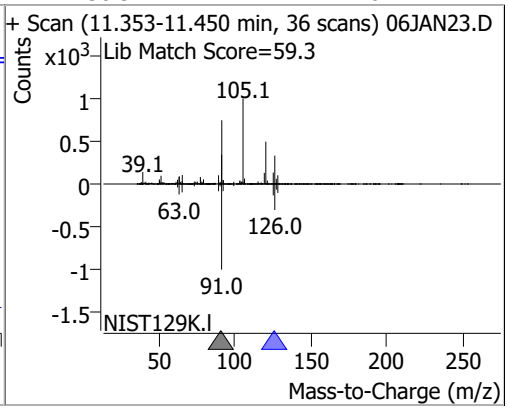




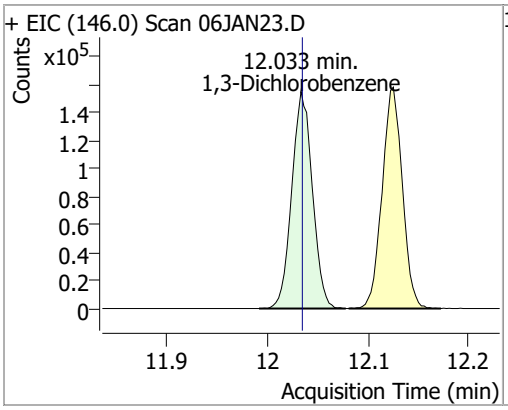
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	141.9820	11.40	0.00	416610	126.0	30.9	1.7	61.7

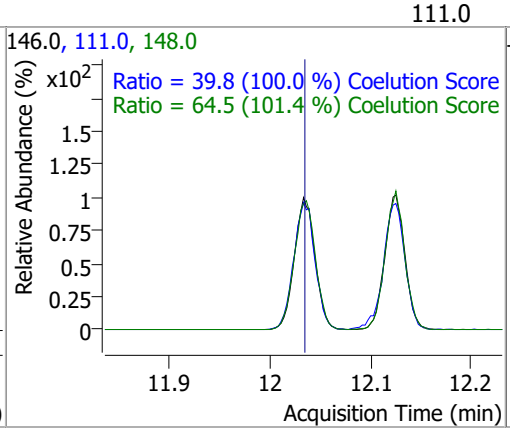


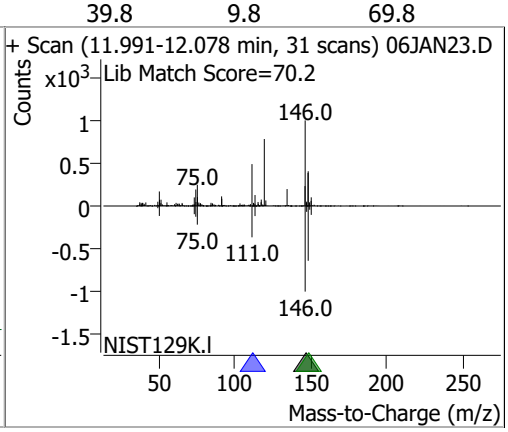




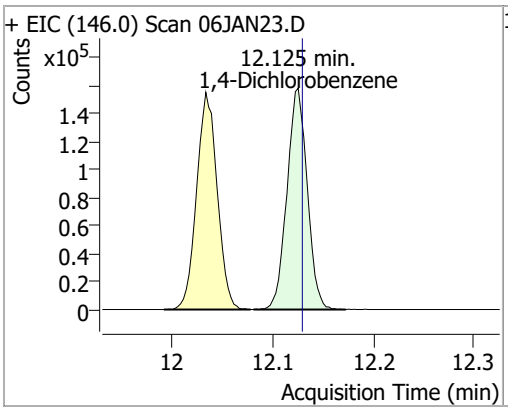
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	133.7023	12.03	0.00	220553	148.0	64.5	33.6	93.6
					111.0	39.8	9.8	69.8

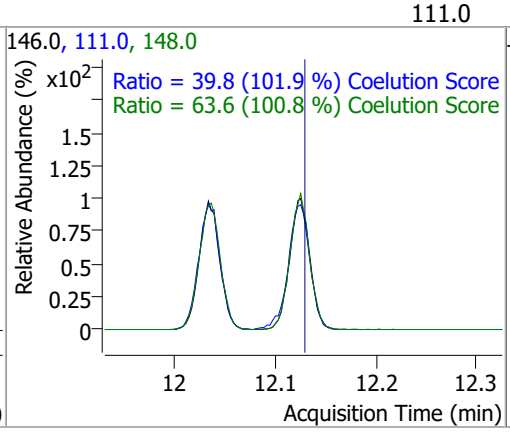


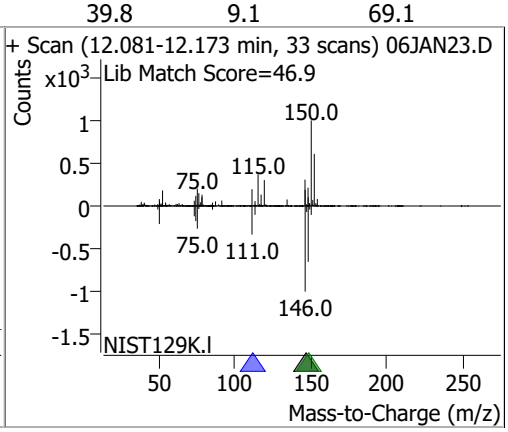




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	131.3708	12.13	0.00	220965	148.0	63.6	33.1	93.1
					111.0	39.8	9.1	69.1

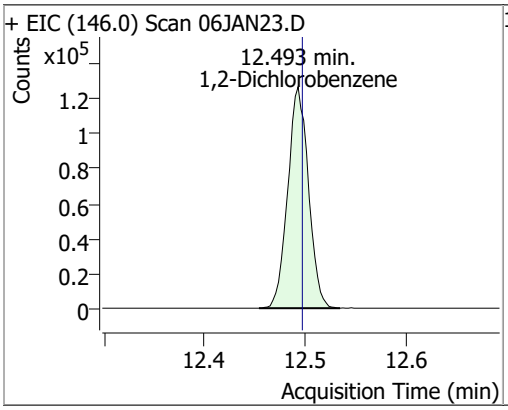


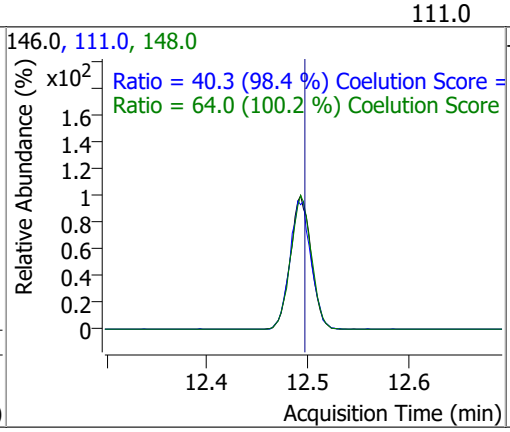


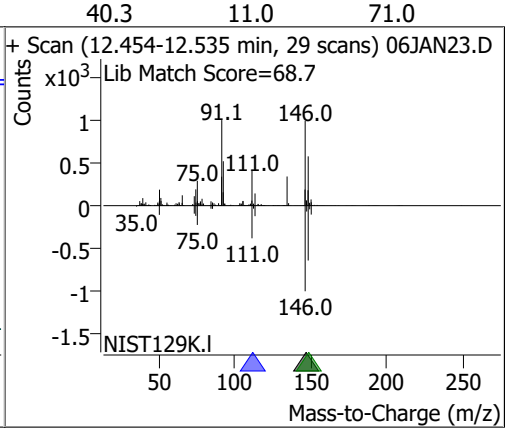


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	130.4938	12.49	0.00	181921	148.0	64.0	33.9	93.9
					111.0	40.3	11.0	71.0

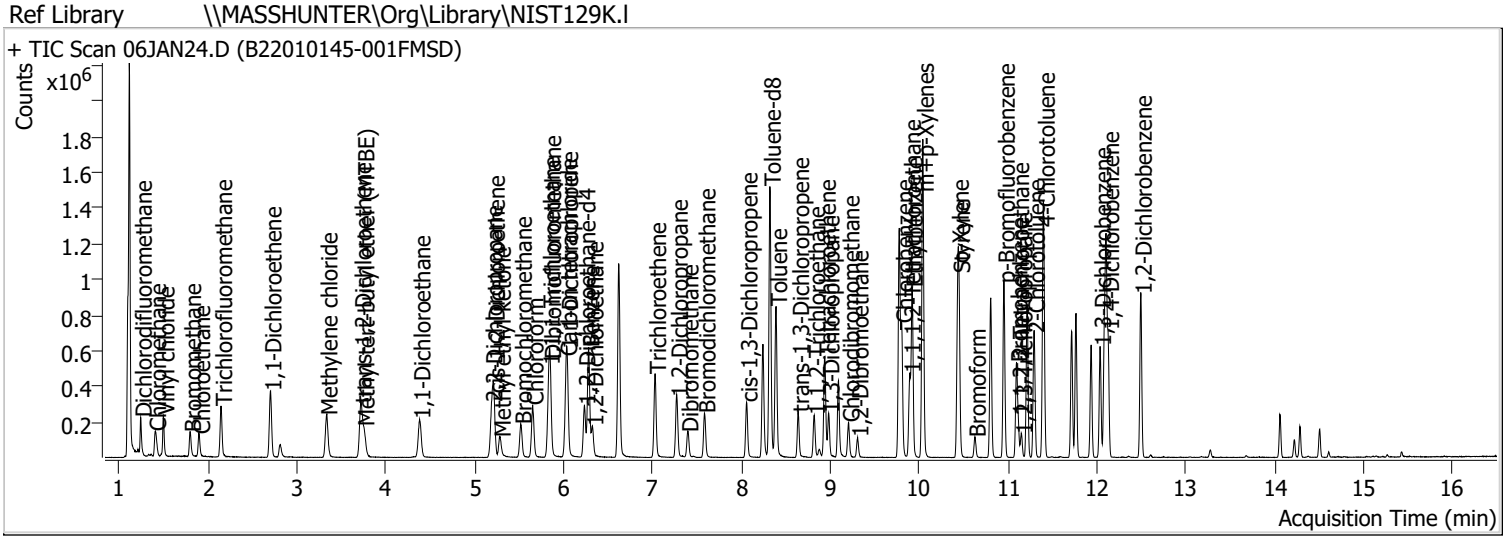






Quantitation Results Report (QT Reviewed)

Data File	06JAN24.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 8:22:08 PM
Sample Name	B22010145-001FMSD	Instrument	VOA5975C
Vial	24	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

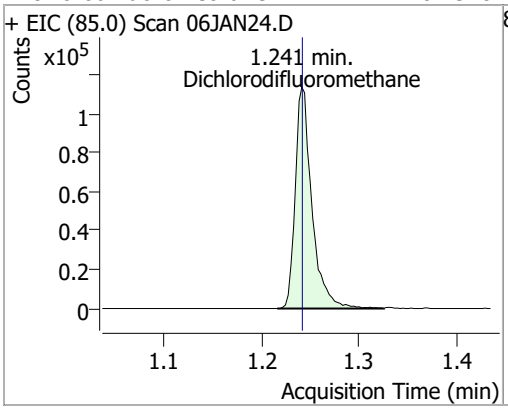


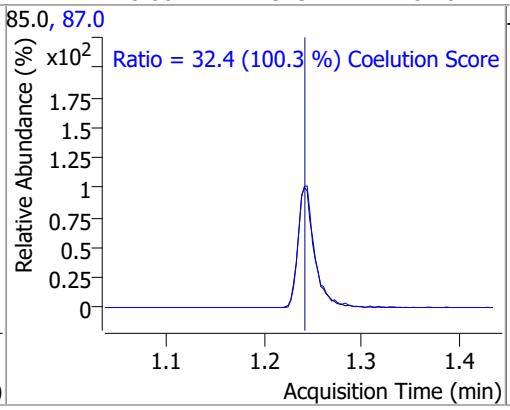
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.618	96.0	930256	250.0000	ng	-0.006
M Chlorobenzene-d5	9.772	82.0	351542	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	280667	250.0000	ng	0.003
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	231061	263.6492	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 105.46%		
S 1,2-Dichloroethane-d4	6.233	67.0	102496	270.7669	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 108.31%		
S Toluene-d8	8.319	98.0	935330	276.1009	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 110.44%		
S p-Bromofluorobenzene	10.951	95.0	285760	277.9152	ng	-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 111.17%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	134377	110.2320	ng	100
T Chloromethane	1.406	50.0	161350	109.0489	ng	98
T Vinyl chloride	1.498	62.0	161891	121.5980	ng	97
T Bromomethane	1.799	96.0	69058	116.0014	ng	96
T Chloroethane	1.899	64.0	89483	135.7648	ng	99
T Trichlorofluoromethane	2.145	101.0	196816	119.1011	ng	99
T 1,1-Dichloroethene	2.700	96.0	132066	140.9416	ng	98
T Methylene chloride	3.333	49.0	173356	125.4995	ng	99
T trans-1,2-Dichloroethene	3.715	96.0	131475	137.5299	ng	97
T Methyl tert-butyl ether (MTBE)	3.748	73.0	173247	140.2061	ng	99
T 1,1-Dichloroethane	4.378	63.0	253148	142.2627	ng	99
T 2,2-Dichloropropane	5.187	77.0	175788	131.8389	ng	99
T cis-1,2-Dichloroethene	5.215	96.0	136032	140.3517	ng	94
T Methyl ethyl ketone	5.282	43.0	156966	1195.6185	ng	99
T Bromochloromethane	5.516	128.0	53446	133.1085	ng	97
T Chloroform	5.650	83.0	222843	125.8352	ng	99

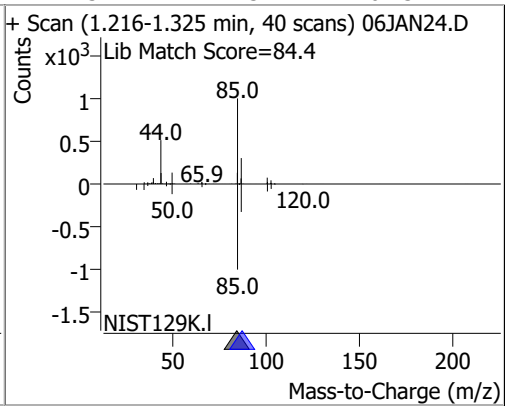
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	221965	133.7441	ng	100
T Carbon tetrachloride	6.026	117.0	216140	132.1817	ng	99
T 1,1-Dichloropropene	6.038	75.0	182130	129.0684	ng	99
T Benzene	6.280	78.0	502162	135.5777	ng	100
T 1,2-Dichloroethane	6.322	62.0	123308	123.0629	ng	96
T Trichloroethene	7.028	95.0	141793	133.7410	ng	98
T 1,2-Dichloropropane	7.273	63.0	127831	137.0701	ng	98
T Dibromomethane	7.393	93.0	52062	132.1021	ng	98
T Bromodichloromethane	7.582	83.0	145455	133.7339	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	156028	126.8802	ng	99
T Toluene	8.388	92.0	322171	140.7876	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	120323	137.4584	ng	96
T 1,1,2-Trichloroethane	8.818	83.0	57996	127.2005	ng	99
T Tetrachloroethene	8.935	163.8	123952	132.7728	ng	100
T 1,3-Dichloropropane	8.980	76.0	117988	131.5623	ng	99
T Chlorodibromomethane	9.203	129.0	90936	127.6141	ng	98
T 1,2-Dibromoethane	9.306	107.0	65368	131.1202	ng	100
T Chlorobenzene	9.802	112.0	348692	139.1815	ng	100
T 1,1,1,2-Tetrachloroethane	9.894	131.0	115290	131.6450	ng	97
T Ethylbenzene	9.917	91.0	608834	140.1217	ng	99
T m+p-Xylenes	10.039	106.0	465384	275.6134	ng	100
T o-Xylene	10.432	106.0	211545	140.7312	ng	99
T Styrene	10.446	104.0	350258	144.7248	ng	99
T Bromoform	10.625	172.5	49479	137.7636	ng	99
T Bromobenzene	11.093	156.0	131575	144.8566	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	72008	137.7361	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	18748	134.0235	ng	95
T 2-Chlorotoluene	11.289	126.0	131372	145.3603	ng	98
T 4-Chlorotoluene	11.400	91.0	435871	147.9190	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	234706	141.6813	ng	98
T 1,4-Dichlorobenzene	12.122	146.0	230413	136.4095	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	190794	136.2807	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

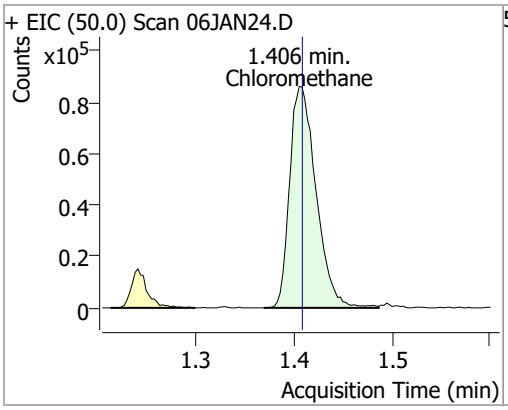
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	110.2320	1.24	0.00	134377	87.0	32.4	2.3	62.3

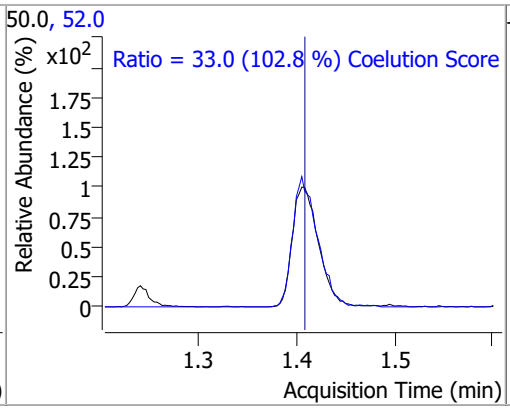


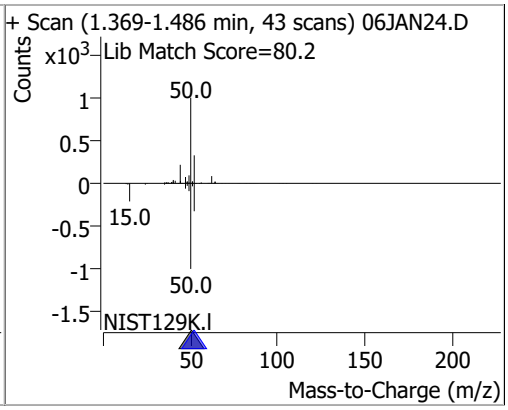




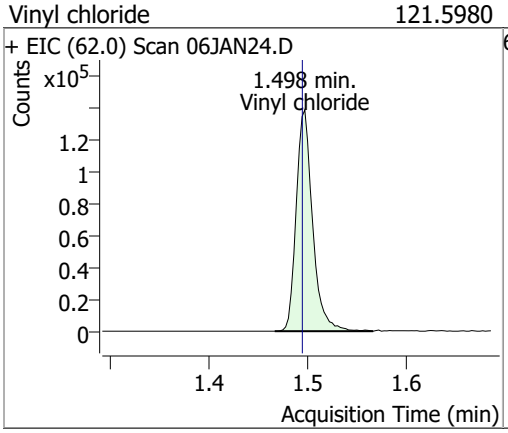
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	109.0489	1.41	0.00	161350	52.0	33.0	2.1	62.1

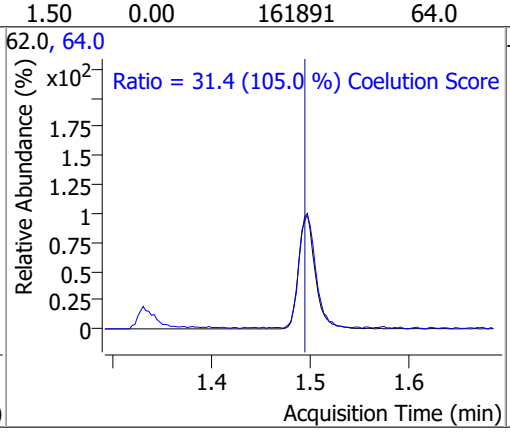


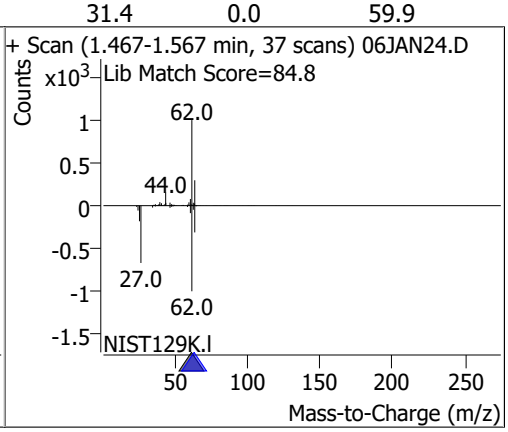




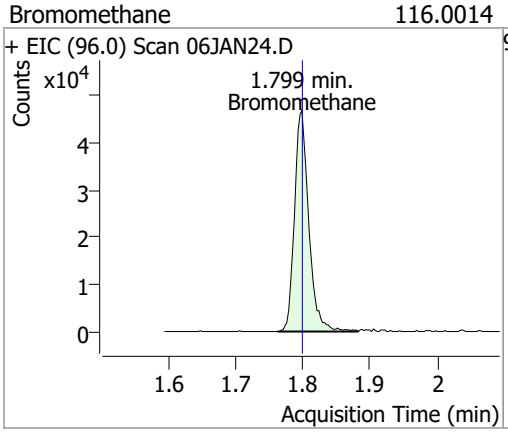
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	121.5980	1.50	0.00	161891	64.0	31.4	0.0	59.9

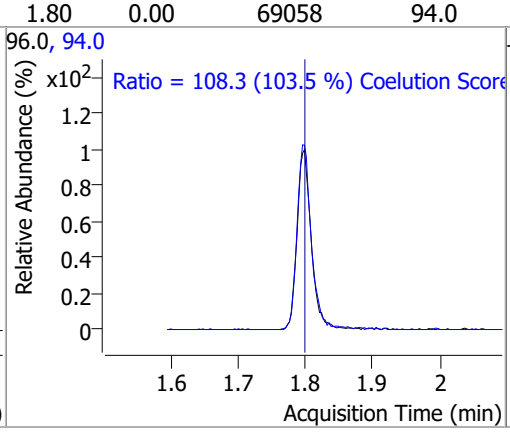


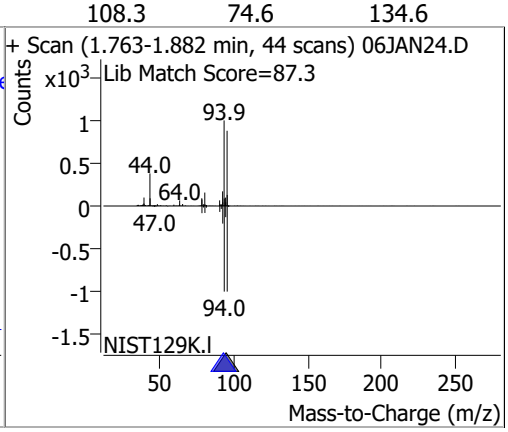




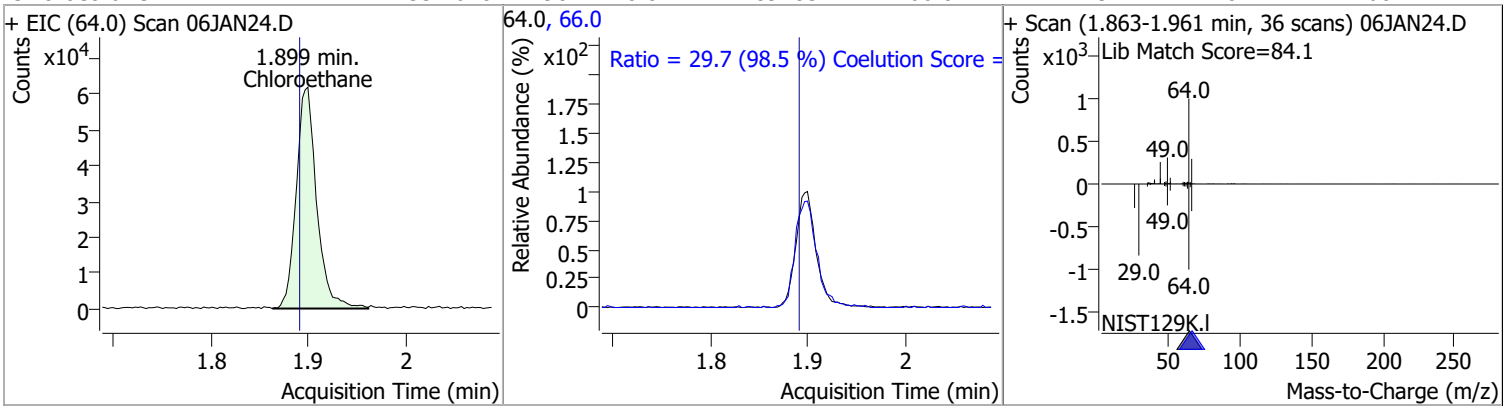
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	116.0014	1.80	0.00	69058	94.0	108.3	74.6	134.6



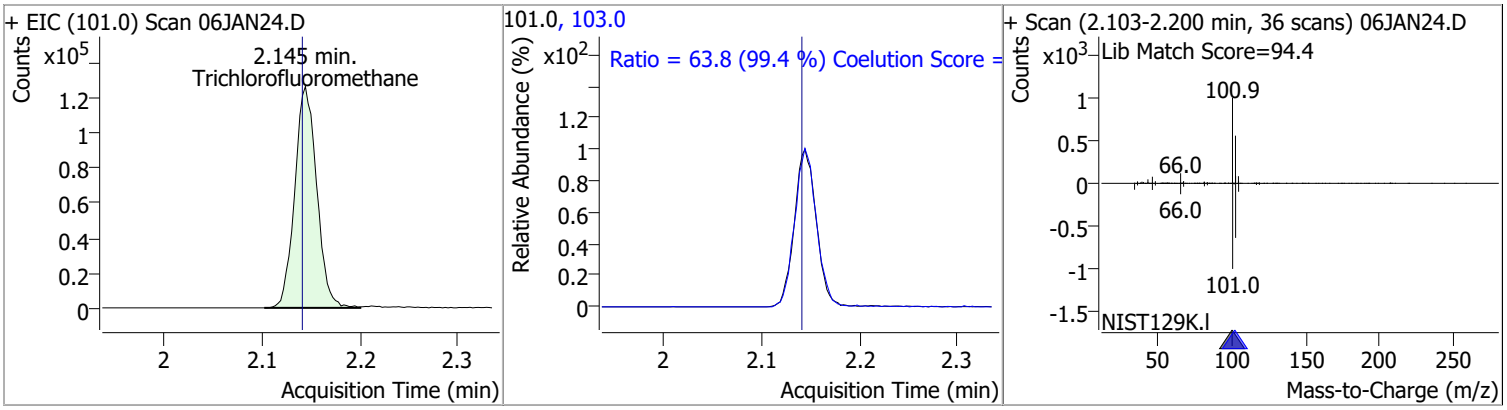




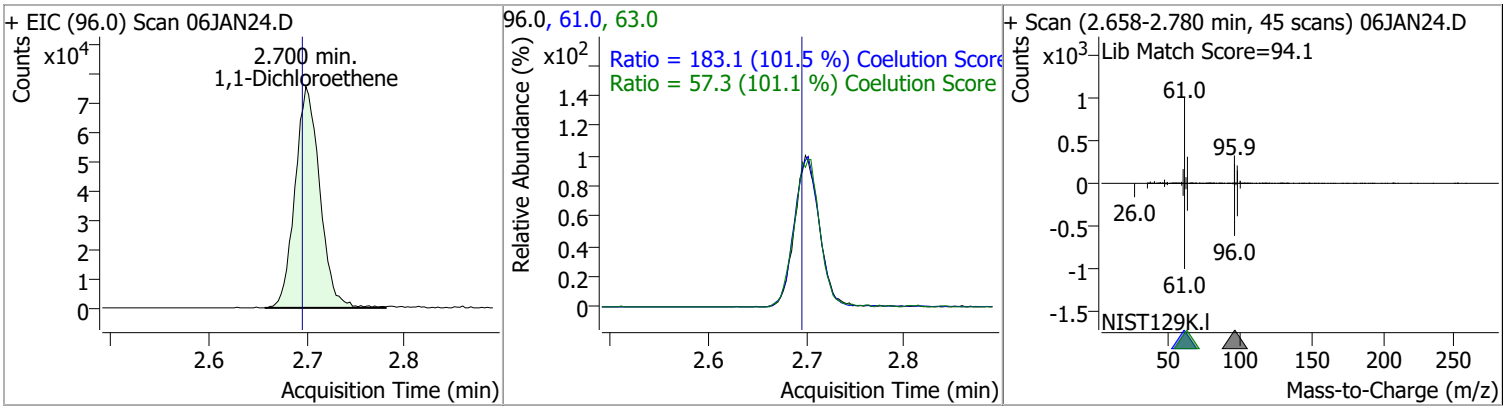
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	135.7648	1.90	0.01	89483	66.0	29.7	0.1	60.1



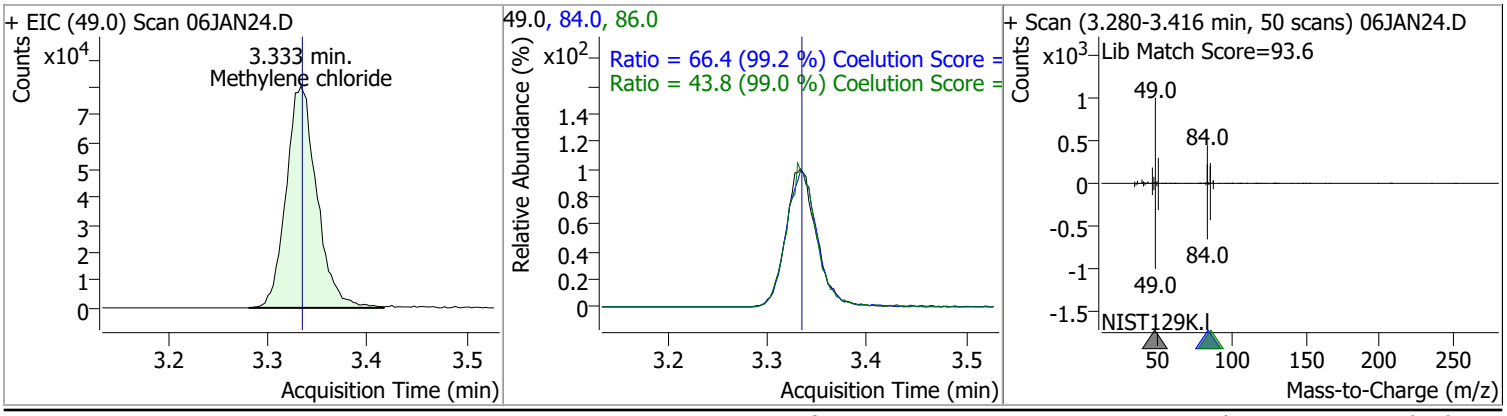
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	119.1011	2.14	0.00	196816	103.0	63.8	34.2	94.2



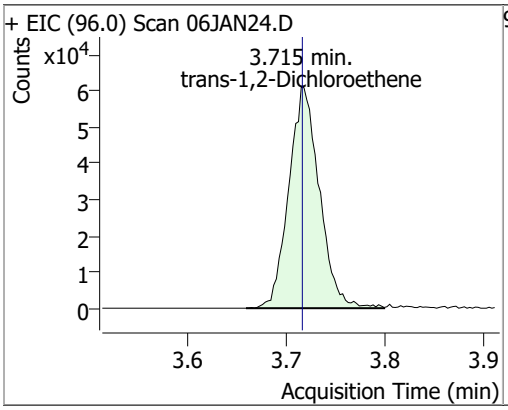
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	140.9416	2.70	0.00	132066	61.0	183.1	150.3	210.3
					63.0	57.3	26.7	86.7

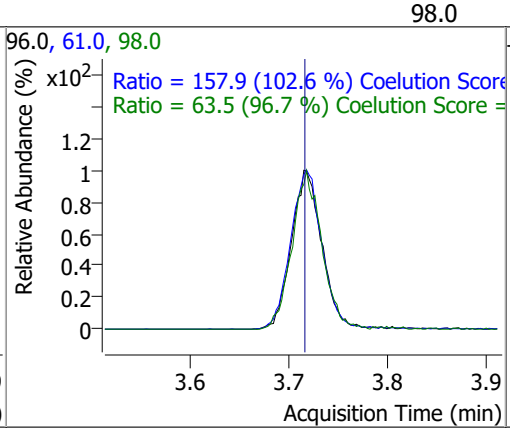


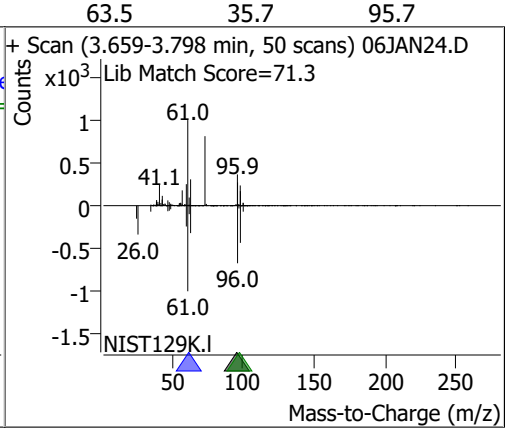
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	125.4995	3.33	0.00	173356	84.0	66.4	36.9	96.9
					86.0	43.8	14.3	74.3



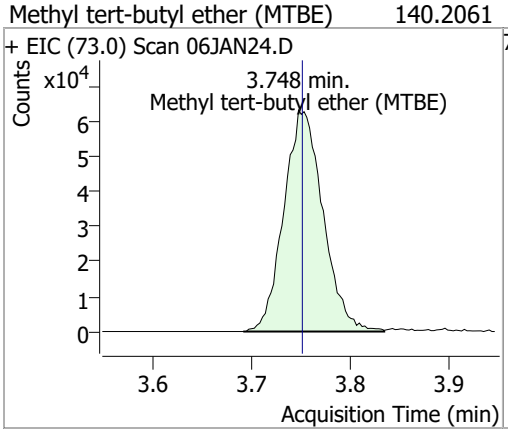
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	137.5299	3.71	0.00	131475	61.0	157.9	123.9	183.9
					98.0	63.5	35.7	95.7

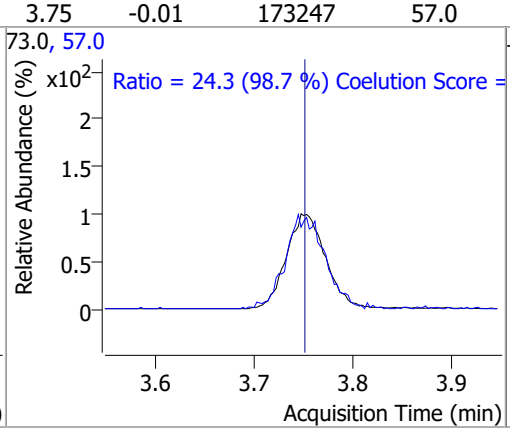


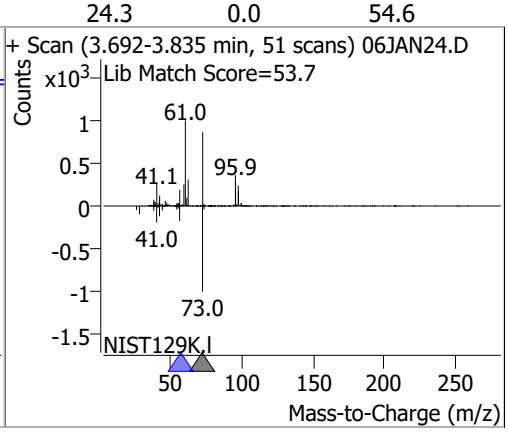




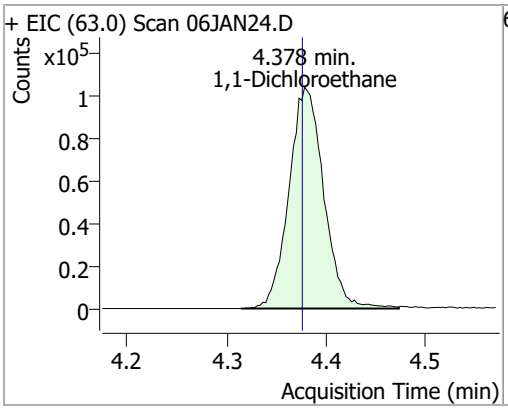
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	140.2061	3.75	-0.01	173247	57.0	24.3	0.0	54.6

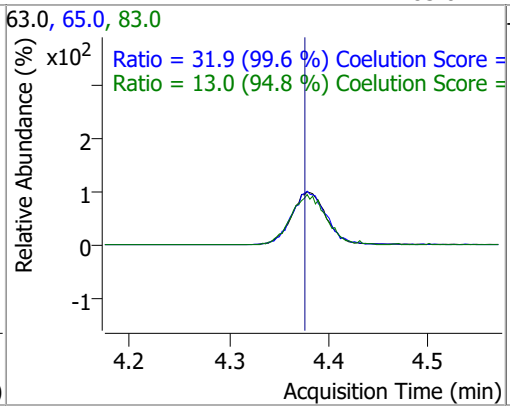


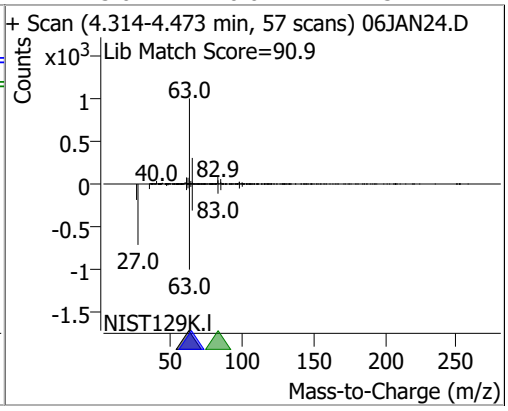




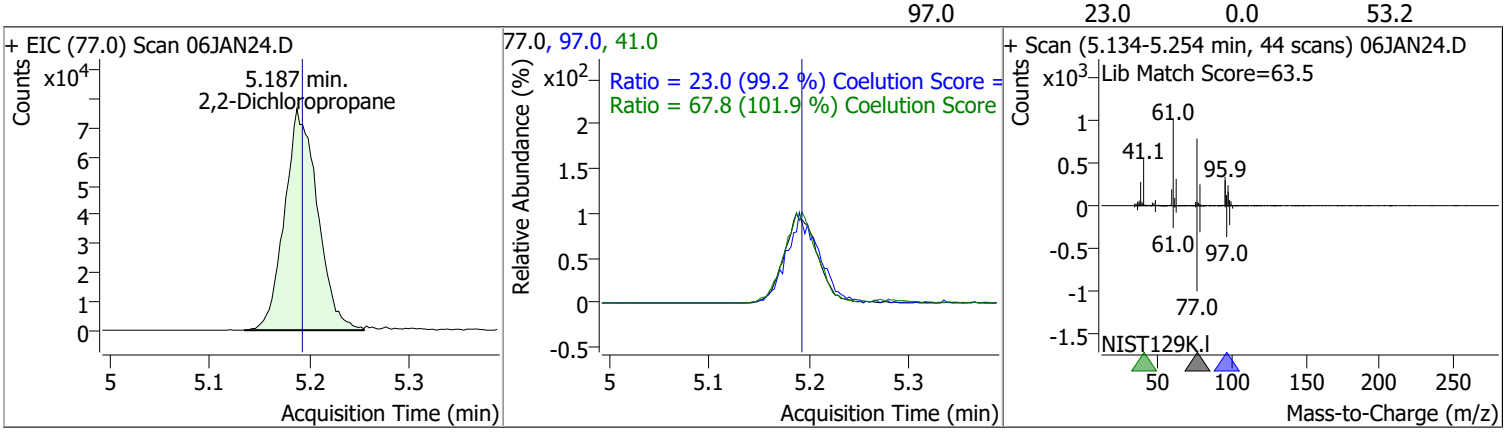
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	142.2627	4.38	0.00	253148	65.0	31.9	2.1	62.1
					83.0	13.0	0.0	43.7



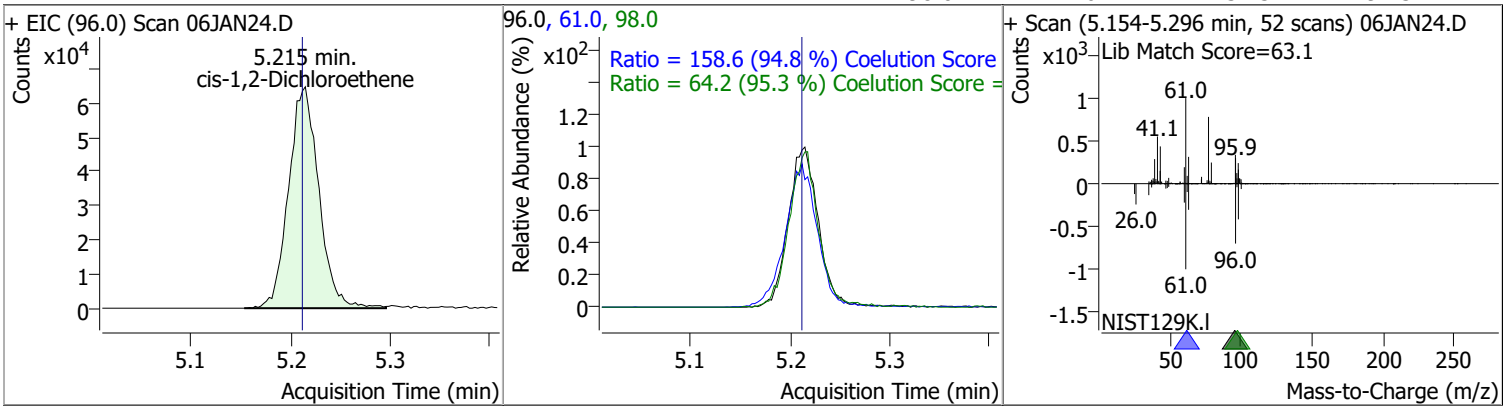




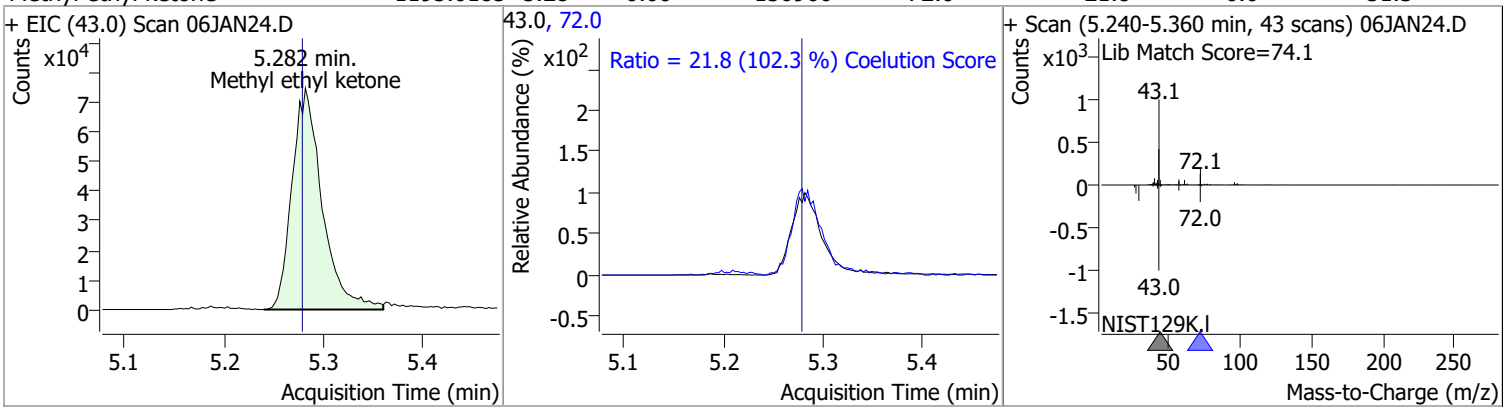
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	131.8389	5.19	-0.01	175788	41.0	67.8	36.5	96.5
					97.0	23.0	0.0	53.2



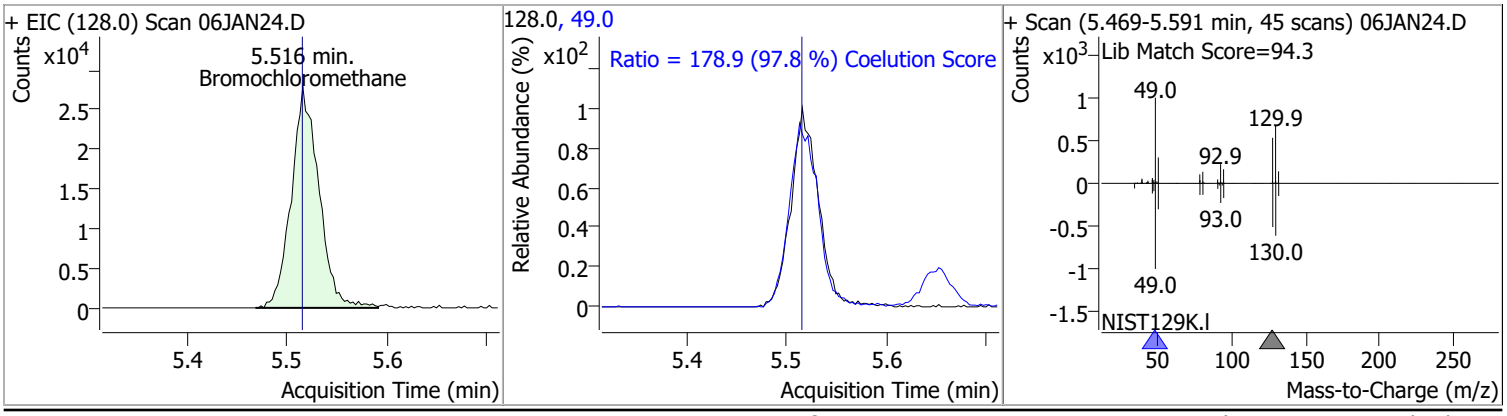
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	140.3517	5.21	0.00	136032	61.0	158.6	137.2	197.2
					98.0	64.2	37.3	97.3



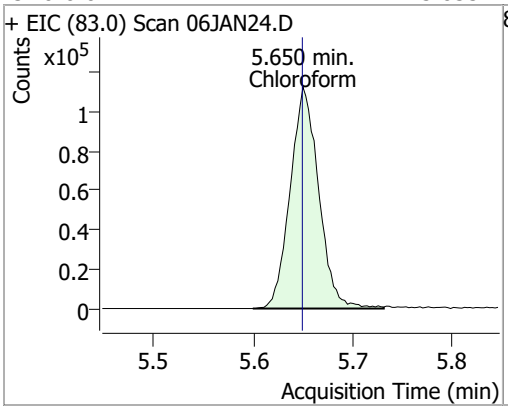
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1195.6185	5.28	0.00	156966	72.0	21.8	0.0	51.3

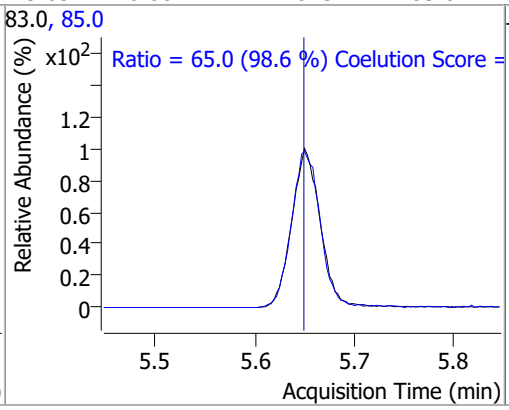


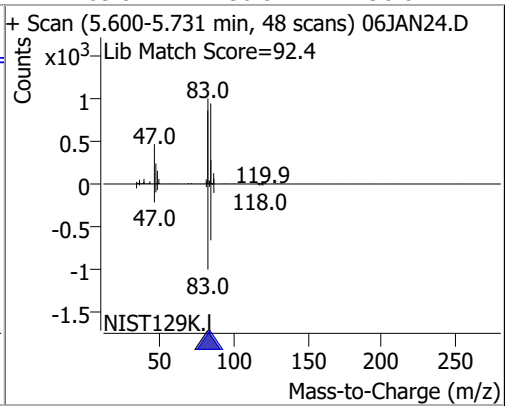
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	133.1085	5.52	0.00	53446	49.0	178.9	152.9	212.9



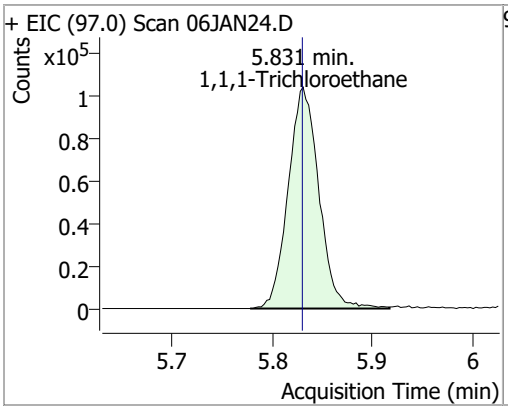
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	125.8352	5.65	0.00	222843	85.0	65.0	36.0	96.0

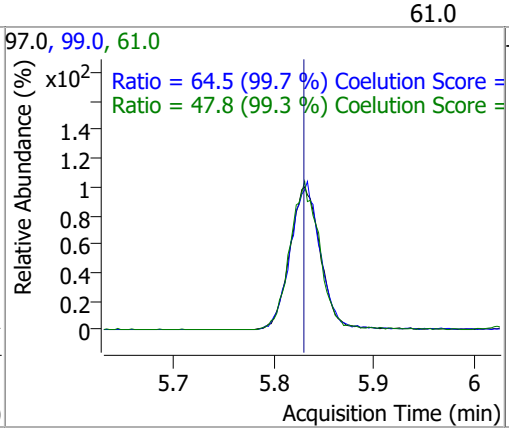


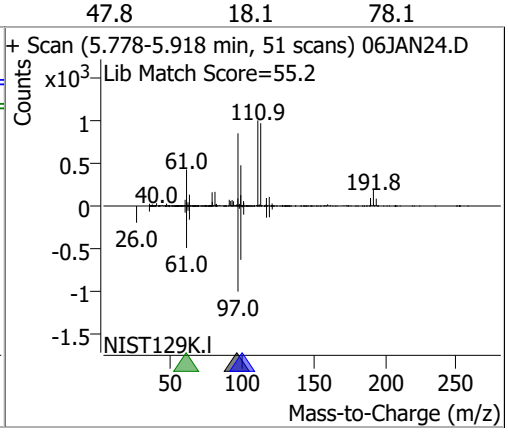




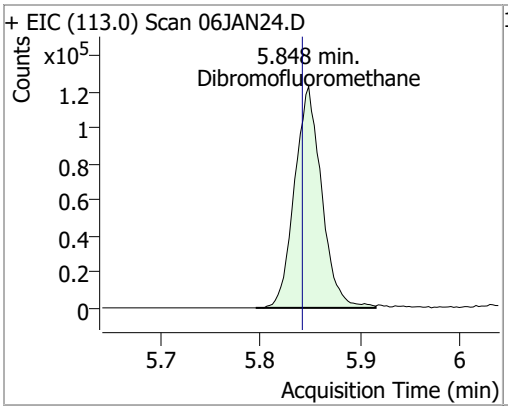
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	133.7441	5.83	0.00	221965	99.0	64.5	34.7	94.7
					61.0	47.8	18.1	78.1

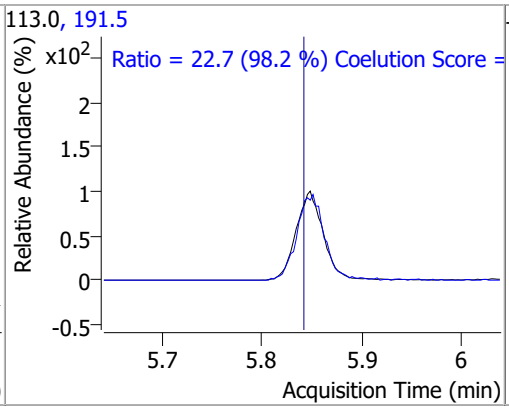


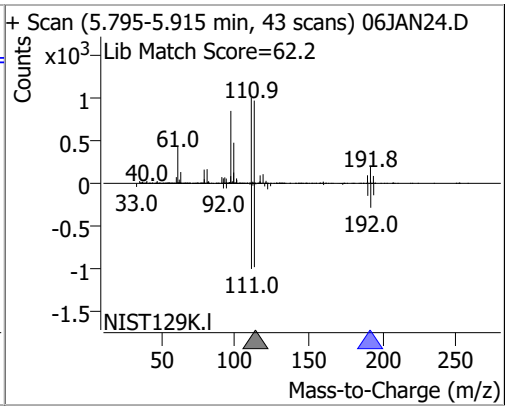




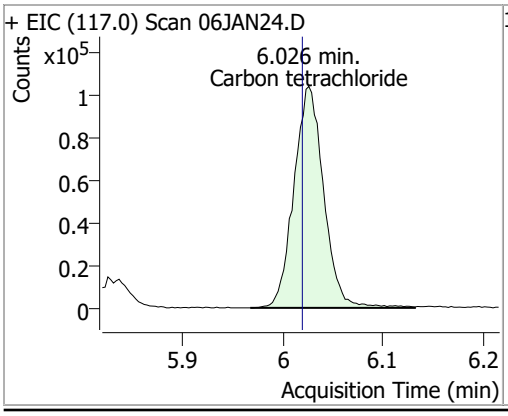
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	263.6492	5.85	0.00	231061	191.5	22.7	0.0	53.1

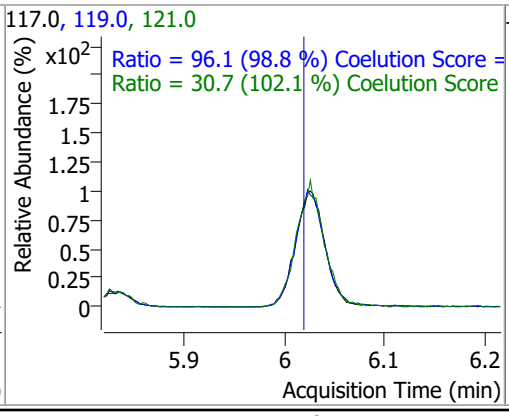


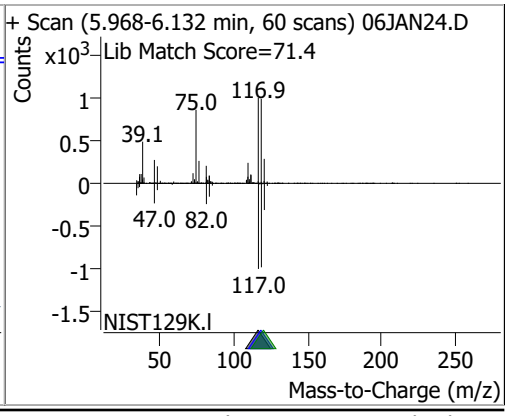




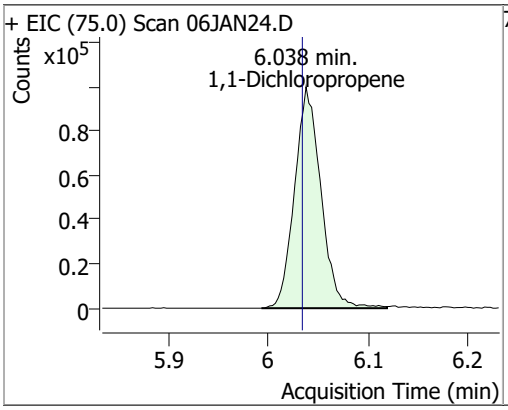
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	132.1817	6.03	0.00	216140	119.0	96.1	67.2	127.2
					121.0	30.7	0.1	60.1

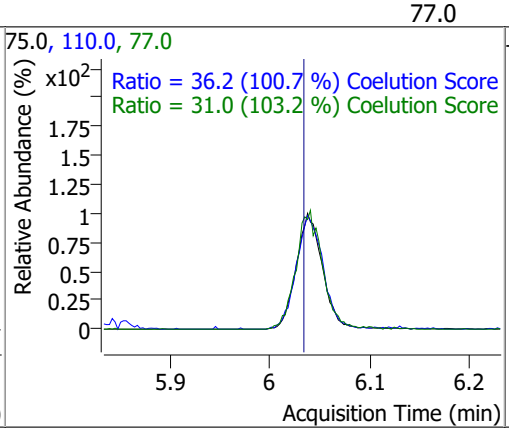


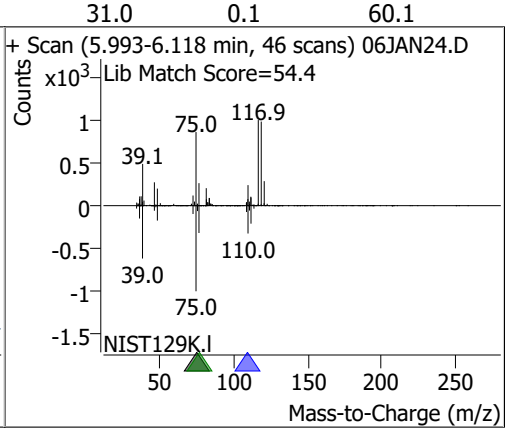




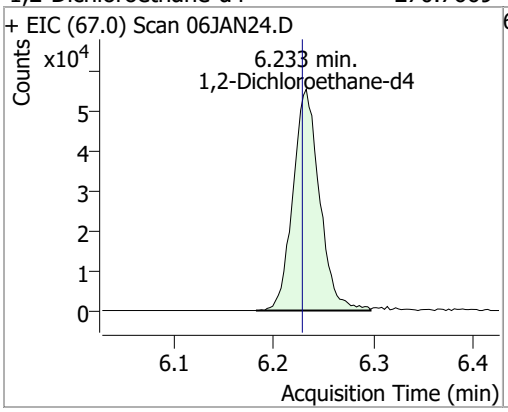
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	129.0684	6.04	0.00	182130	110.0	36.2	5.9	65.9
					77.0	31.0	0.1	60.1

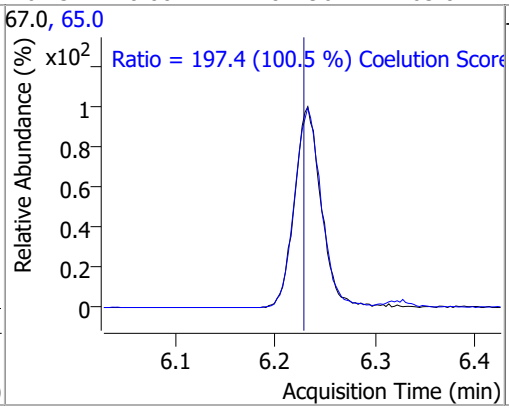


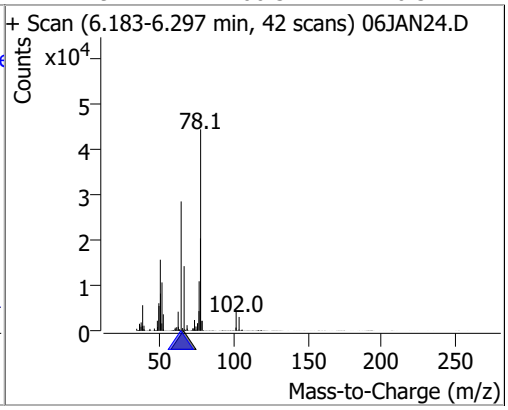




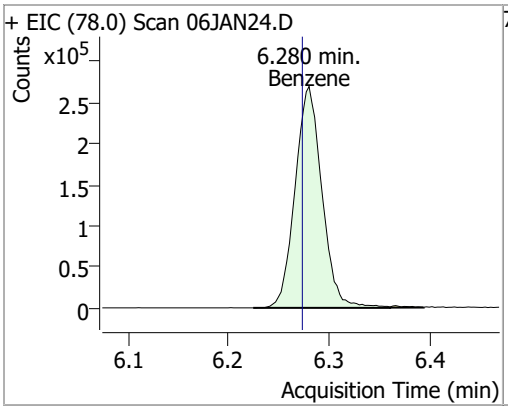
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	270.7669	6.23	0.00	102496	65.0	197.4	166.5	226.5

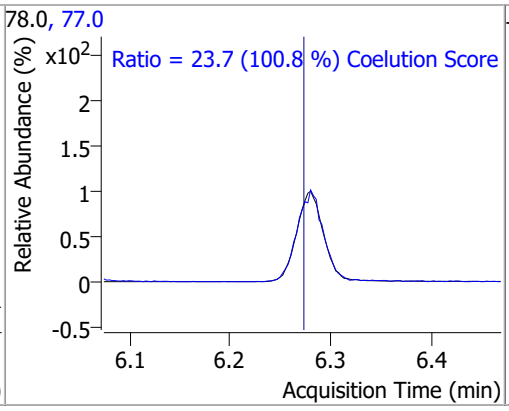


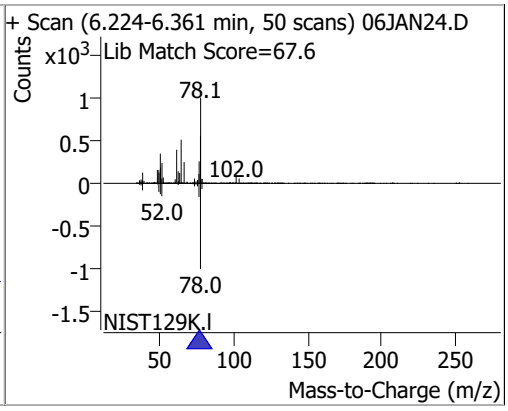




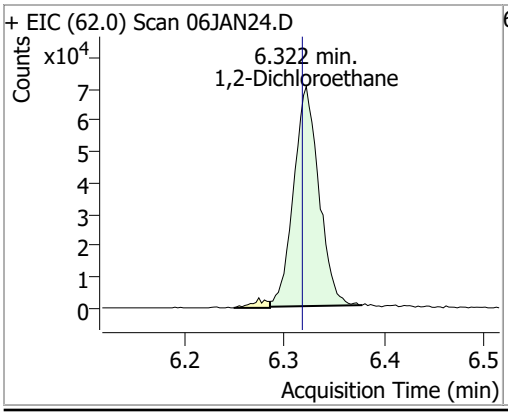
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	135.5777	6.28	0.00	502162	77.0	23.7	0.0	53.5

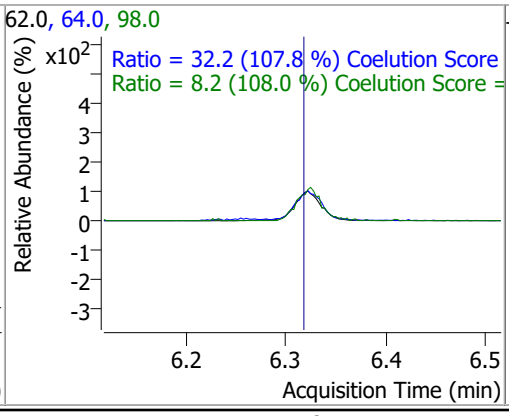


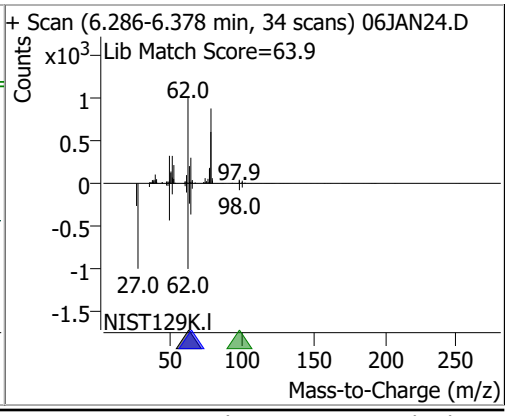




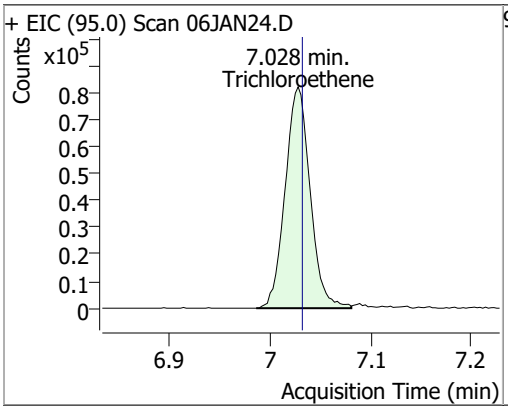
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	123.0629	6.32	0.00	123308	64.0	32.2	0.0	59.9
					98.0	8.2	0.0	37.6

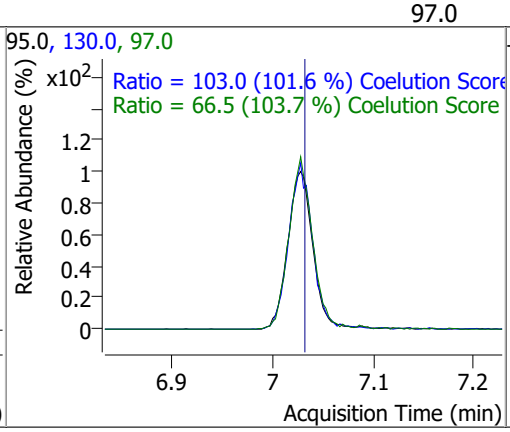


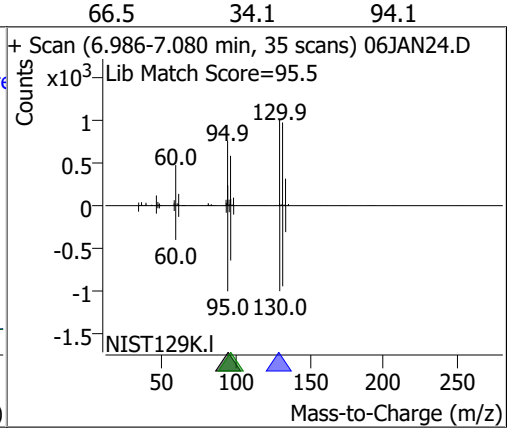




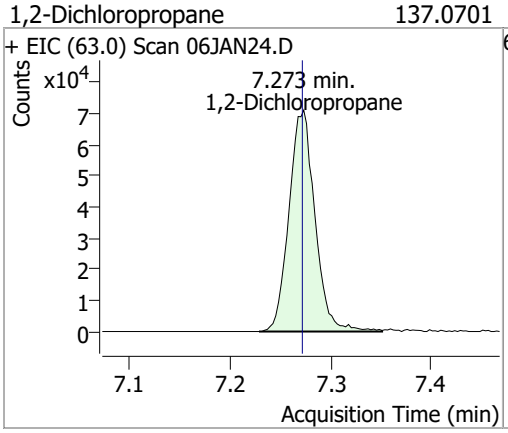
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	133.7410	7.03	0.00	141793	130.0	103.0	71.5	131.5
					97.0	66.5	34.1	94.1

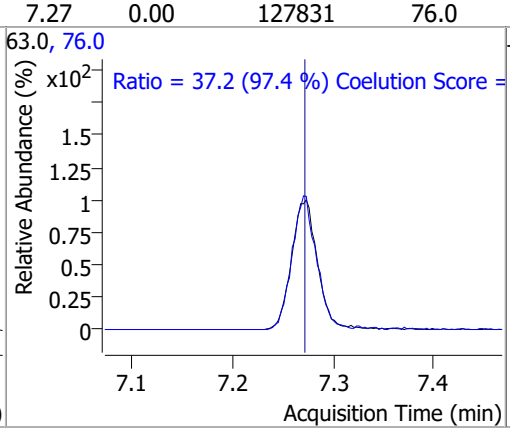


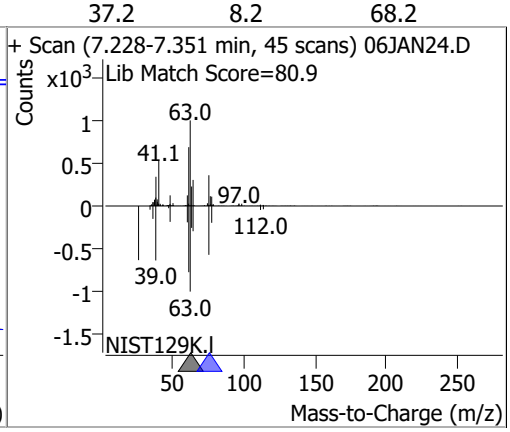




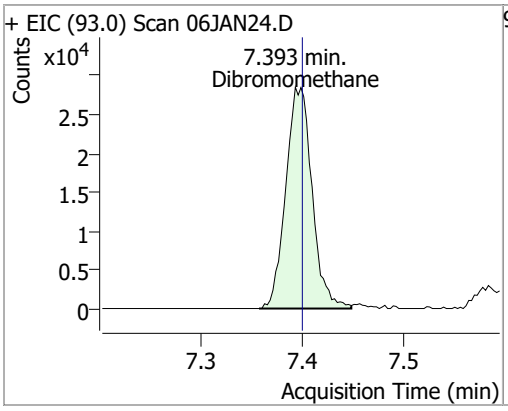
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	137.0701	7.27	0.00	127831	76.0	37.2	8.2	68.2

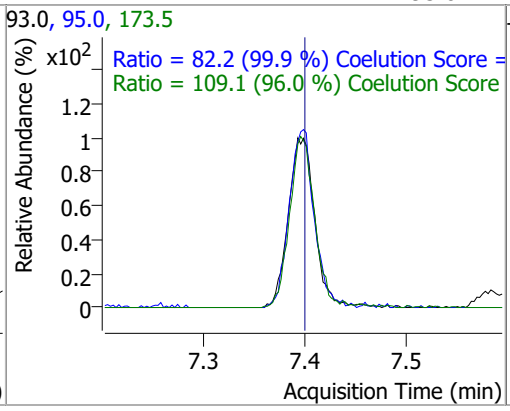


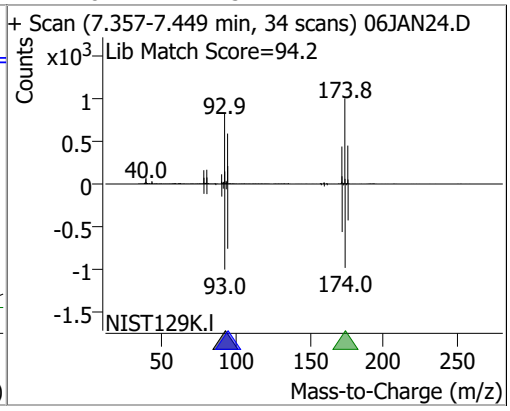




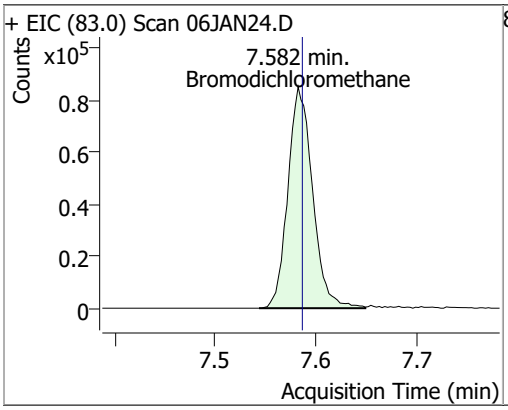
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	132.1021	7.39	-0.01	52062	173.5	109.1	83.7	143.7
					95.0	82.2	52.2	112.2

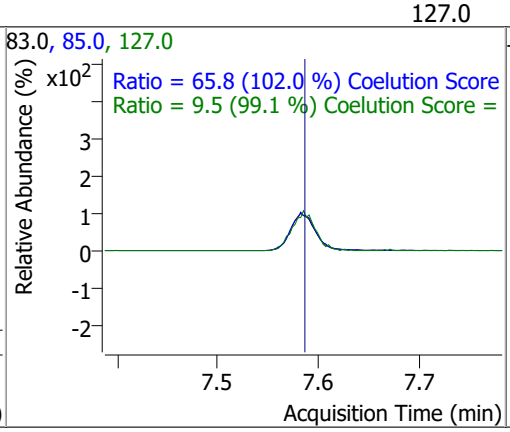


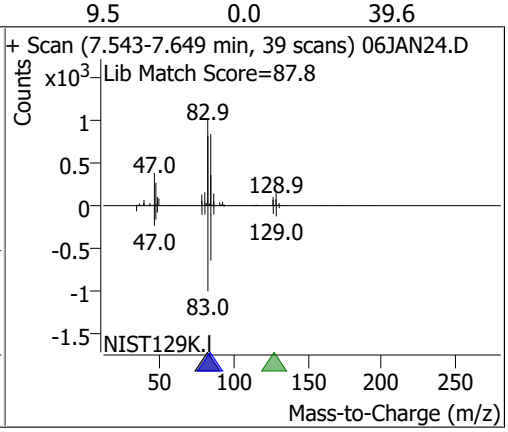




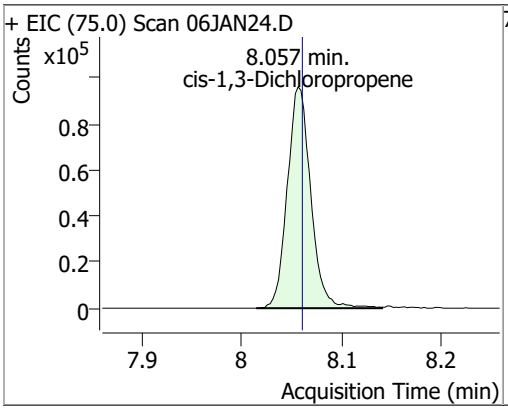
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	133.7339	7.58	0.00	145455	85.0	65.8	34.5	94.5
					127.0	9.5	0.0	39.6

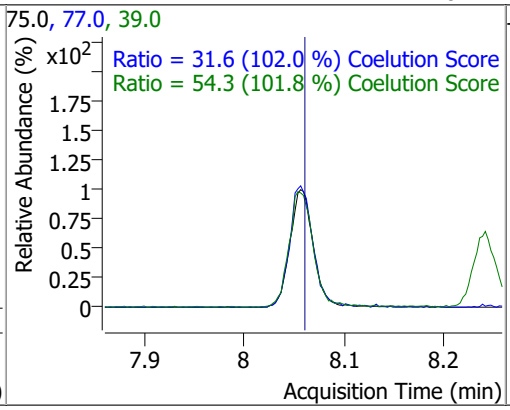


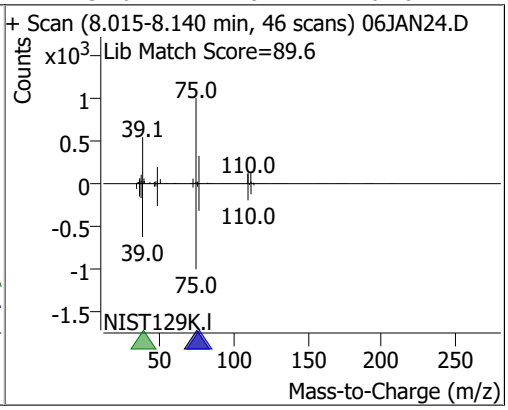




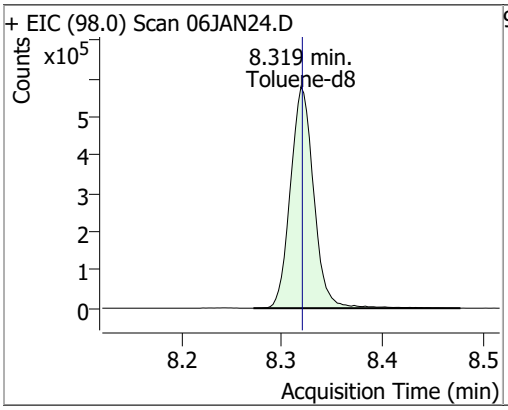
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	126.8802	8.06	0.00	156028	39.0	54.3	23.3	83.3
					77.0	31.6	1.0	61.0

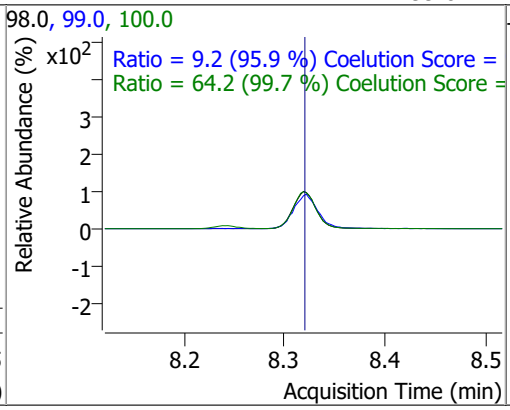


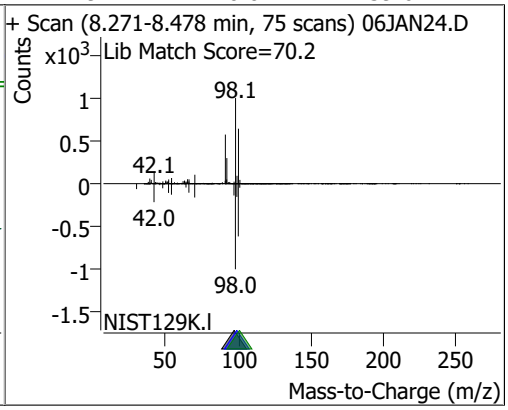




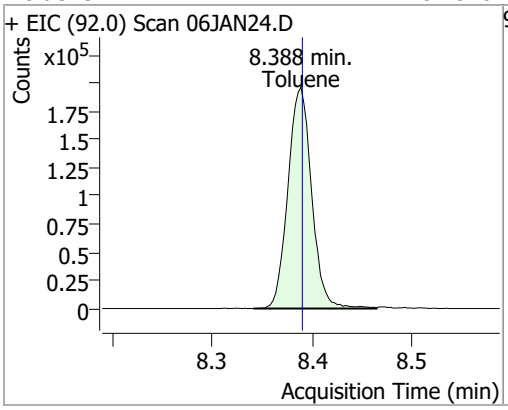
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	276.1009	8.32	0.00	935330	100.0	64.2	34.4	94.4
					99.0	9.2	0.0	39.6

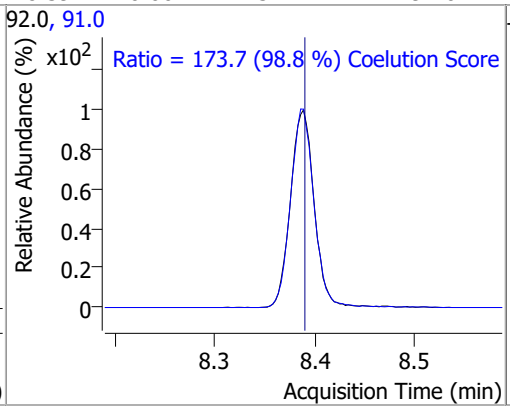


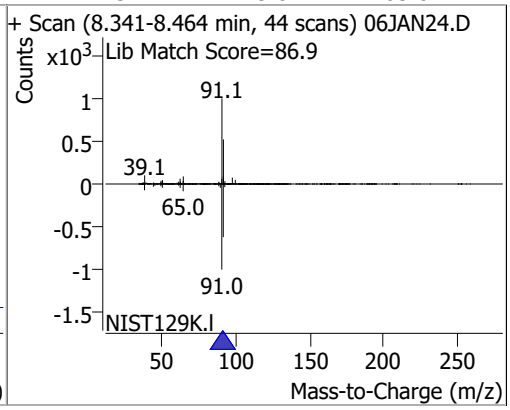




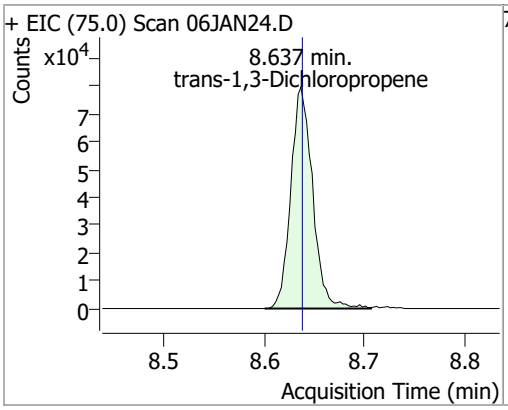
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	140.7876	8.39	0.00	322171	91.0	173.7	145.8	205.8

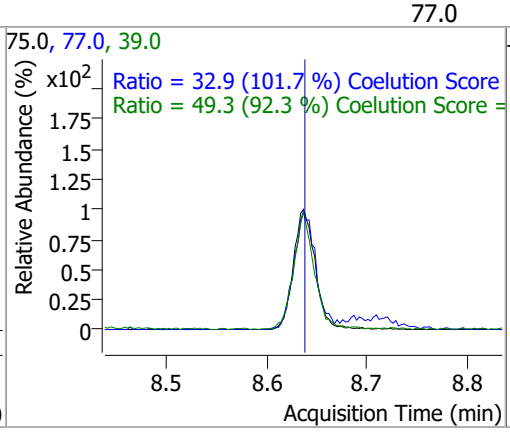


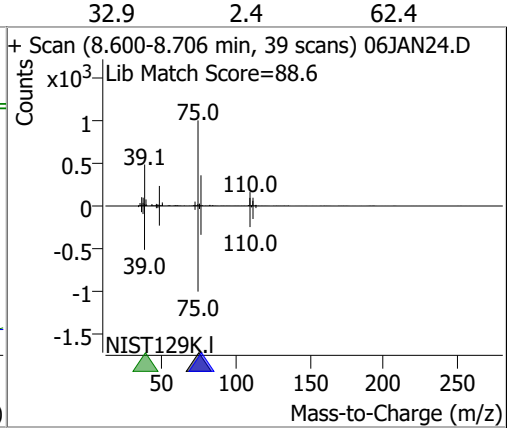




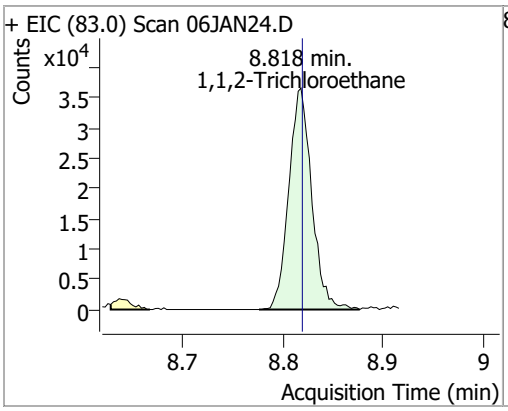
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	137.4584	8.64	0.00	120323	39.0	49.3	23.4	83.4
					77.0	32.9	2.4	62.4

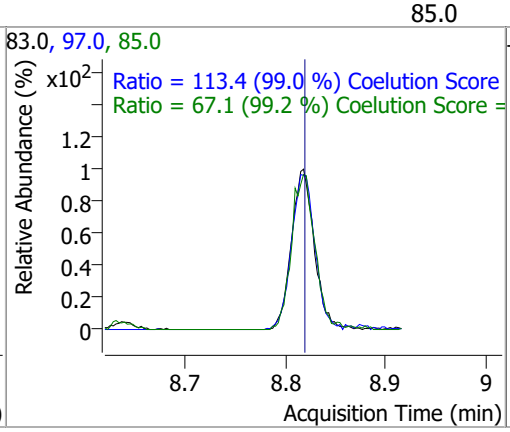


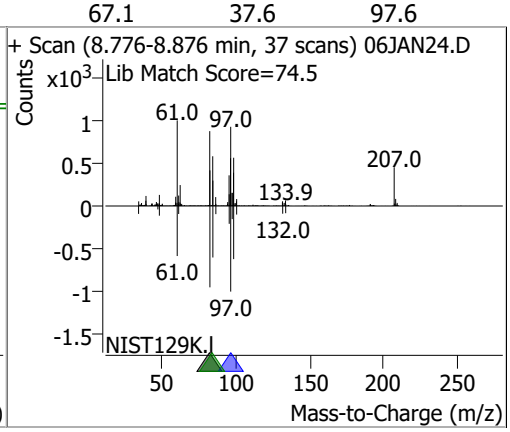




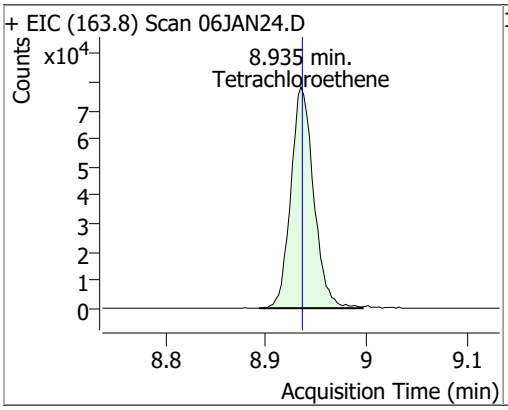
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	127.2005	8.82	0.00	57996	97.0	113.4	84.6	144.6
					85.0	67.1	37.6	97.6

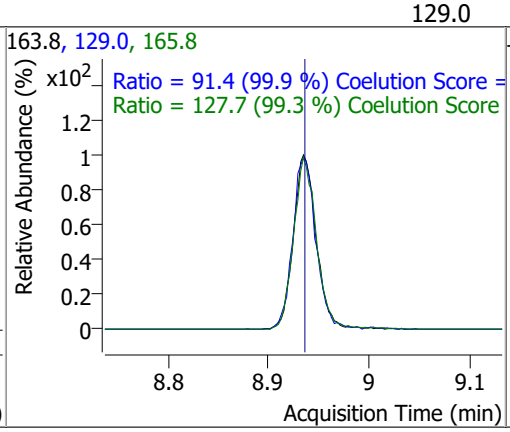


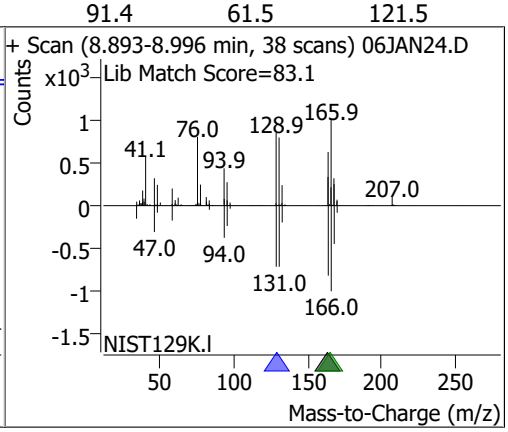




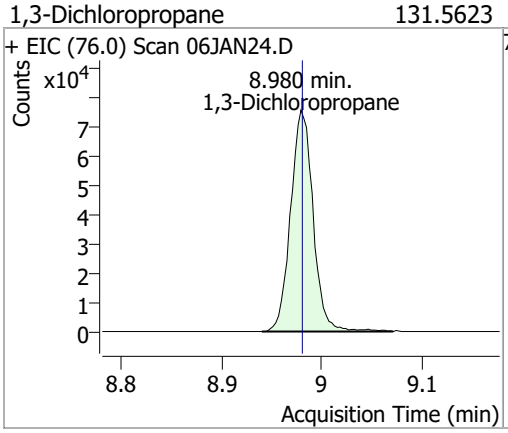
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	132.7728	8.93	0.00	123952	165.8	127.7	98.6	158.6
					129.0	91.4	61.5	121.5

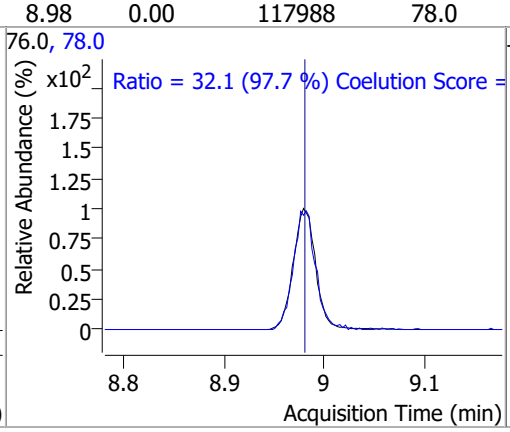


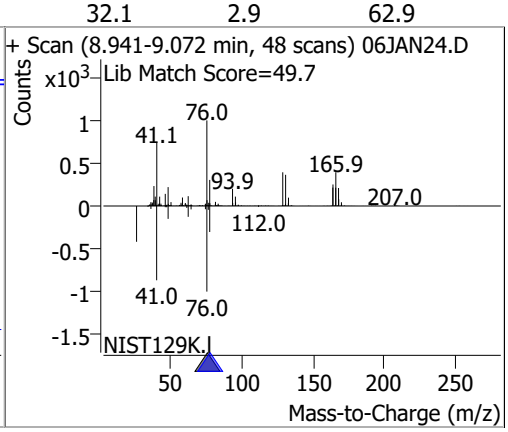




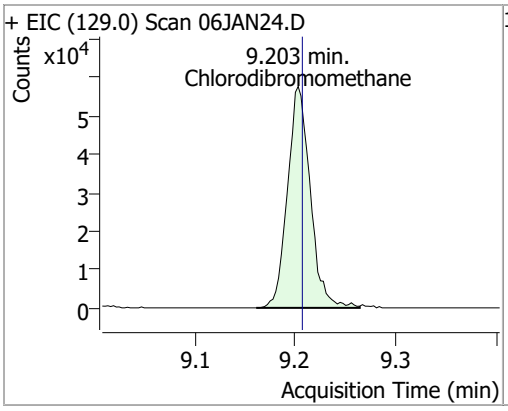
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	131.5623	8.98	0.00	117988	78.0	32.1	2.9	62.9

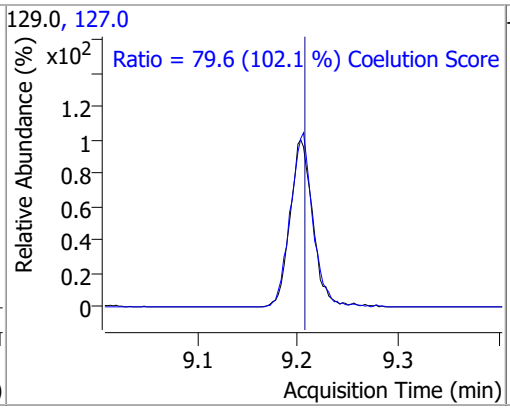


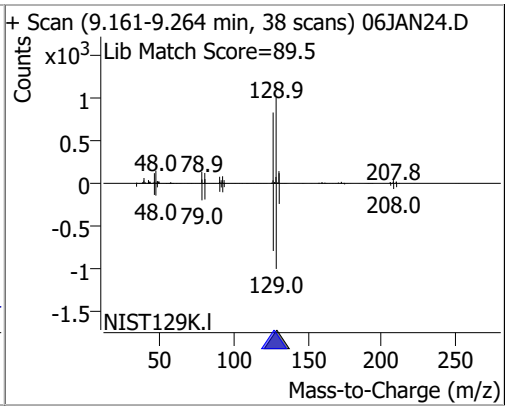




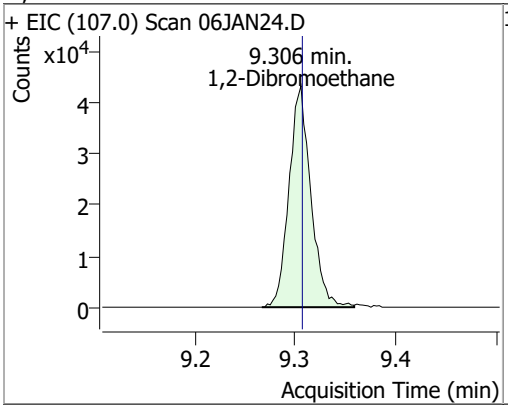
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	127.6141	9.20	0.00	90936	127.0	79.6	48.0	108.0

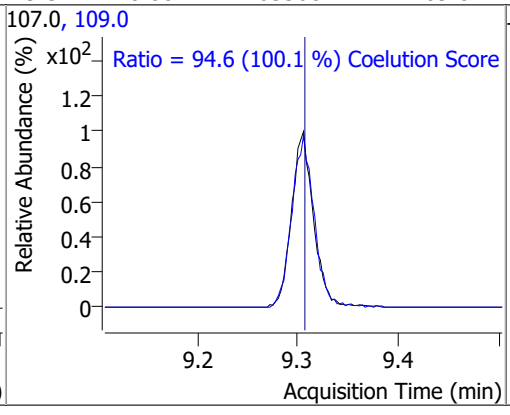


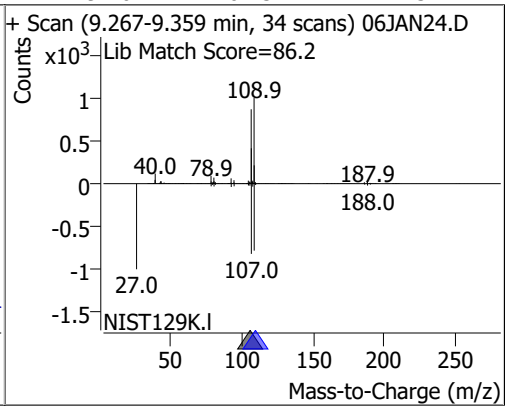




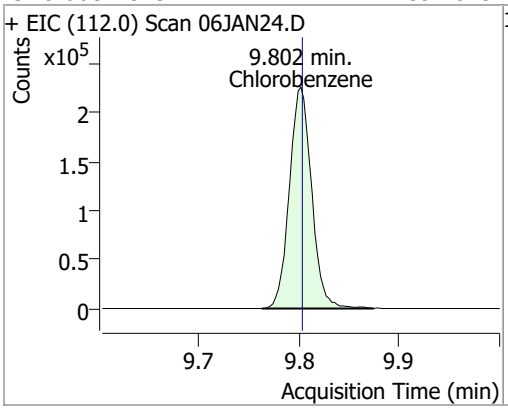
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	131.1202	9.31	0.00	65368	109.0	94.6	64.5	124.5

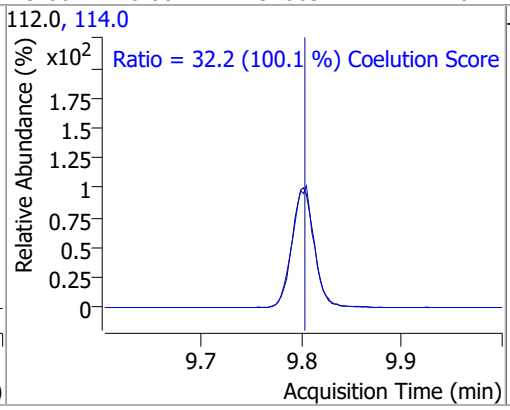


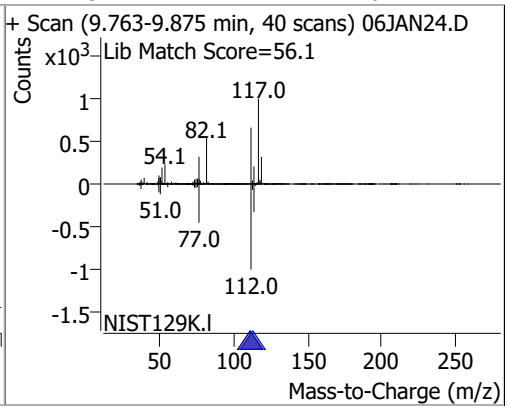




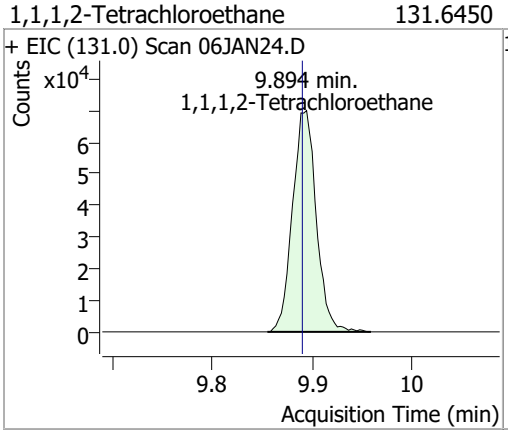
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	139.1815	9.80	0.00	348692	114.0	32.2	2.1	62.1

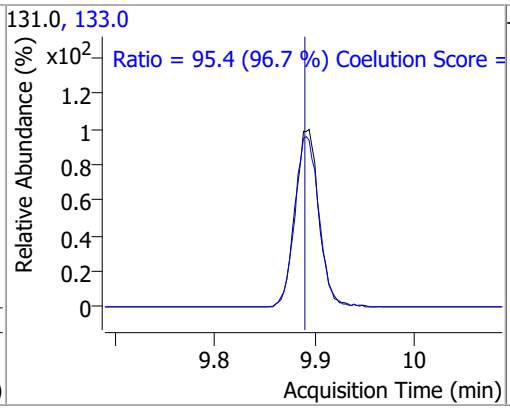


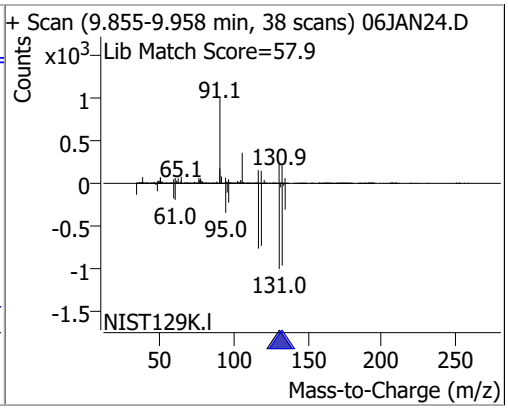




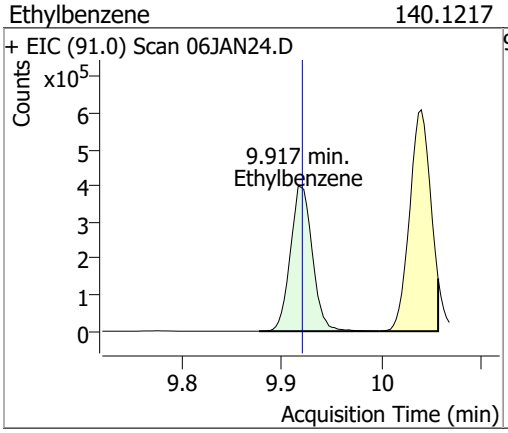
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	131.6450	9.89	0.01	115290	133.0	95.4	68.6	128.6

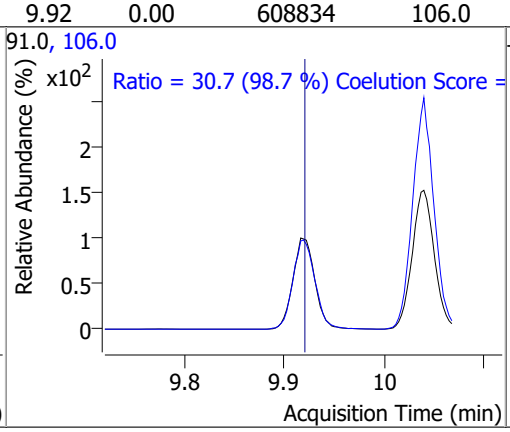


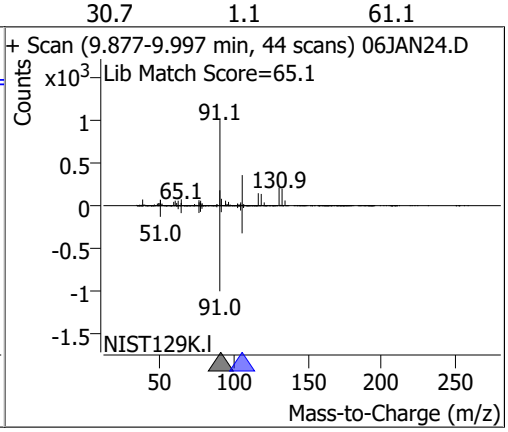




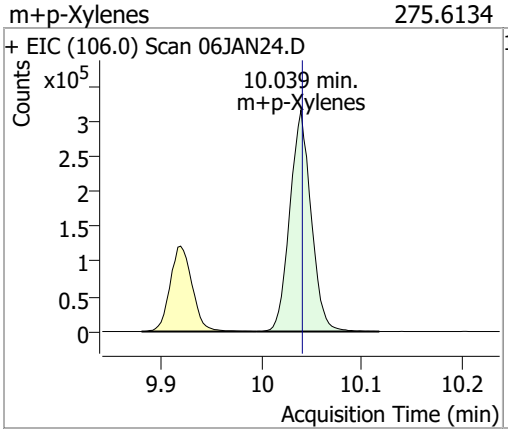
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	140.1217	9.92	0.00	608834	106.0	30.7	1.1	61.1

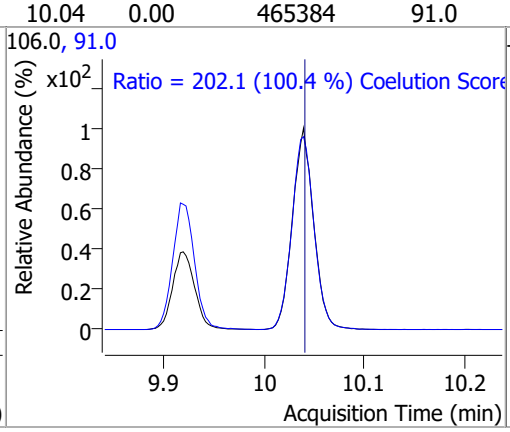


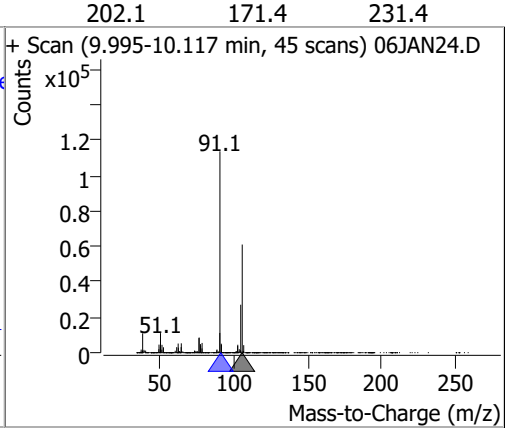




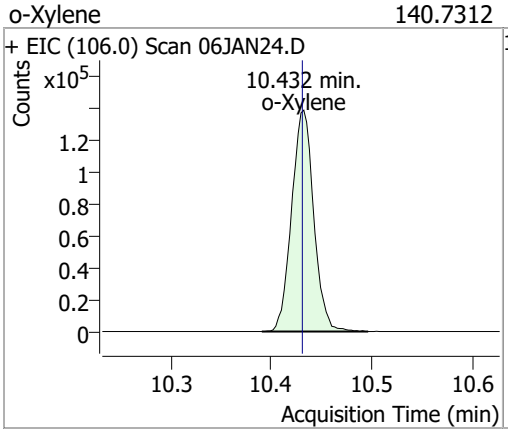
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	275.6134	10.04	0.00	465384	91.0	202.1	171.4	231.4

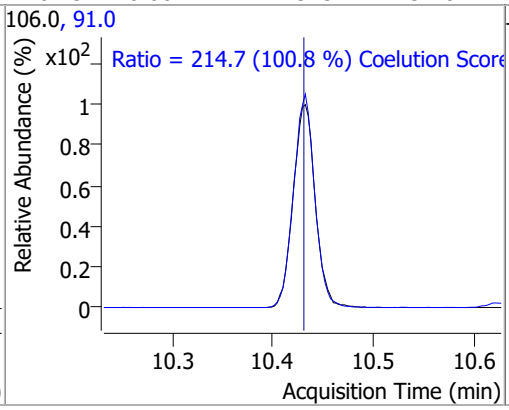


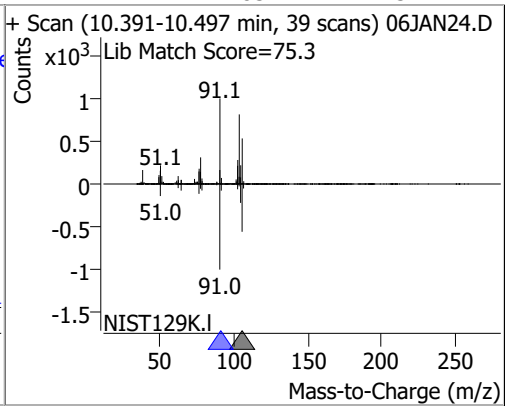




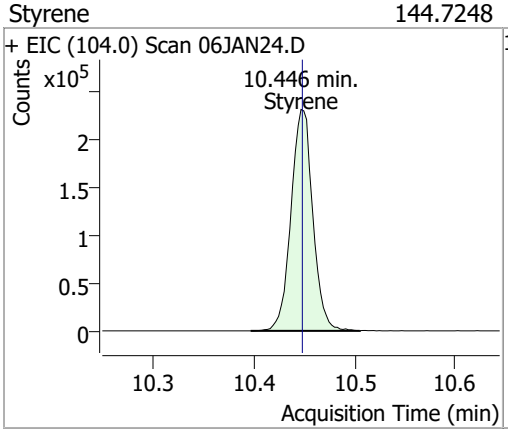
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	140.7312	10.43	0.00	211545	91.0	214.7	183.1	243.1

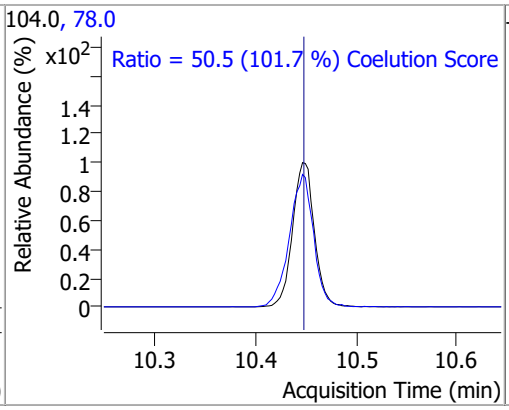


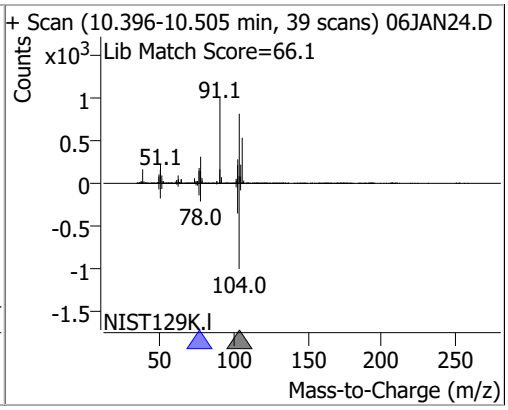




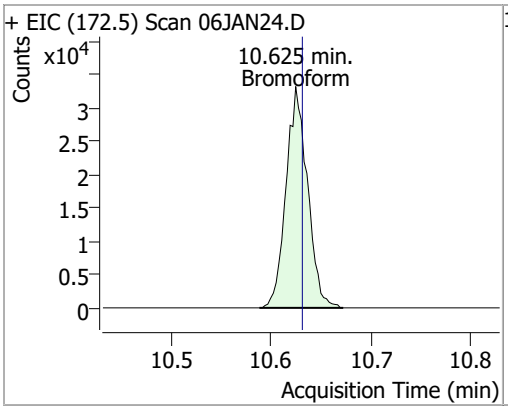
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	144.7248	10.45	0.00	350258	78.0	50.5	19.6	79.6

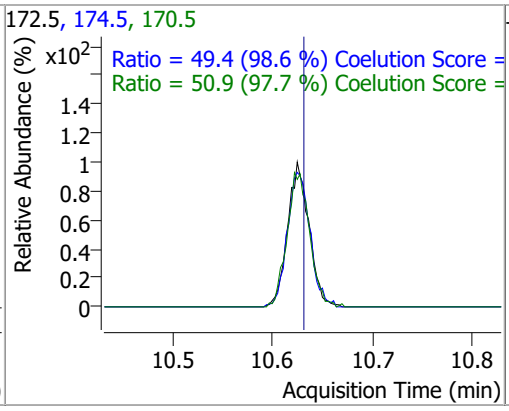


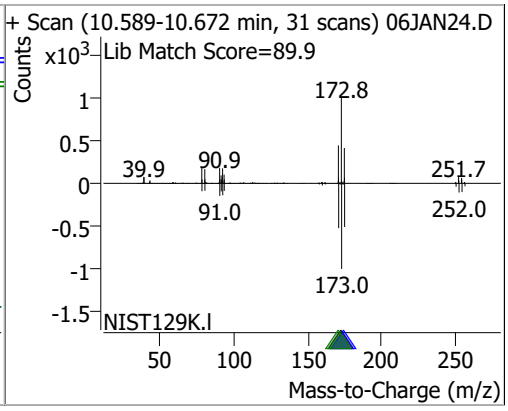




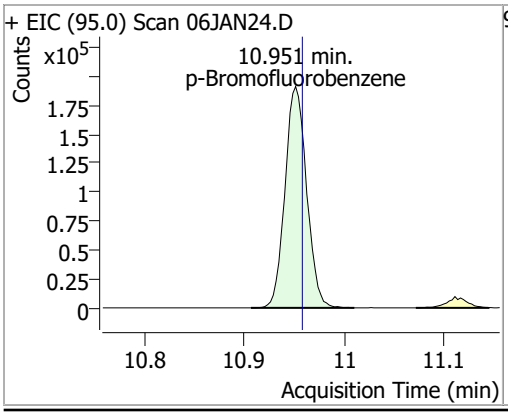
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	137.7636	10.62	0.00	49479	170.5	50.9	22.1	82.1
					174.5	49.4	20.1	80.1

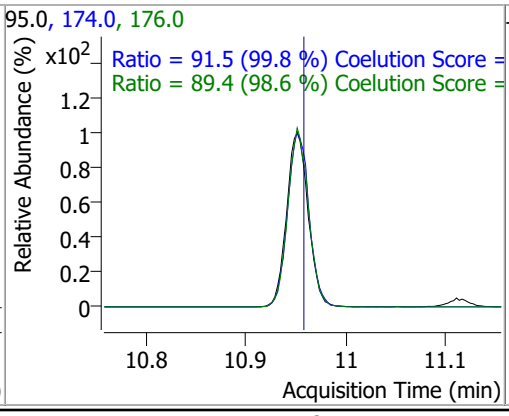


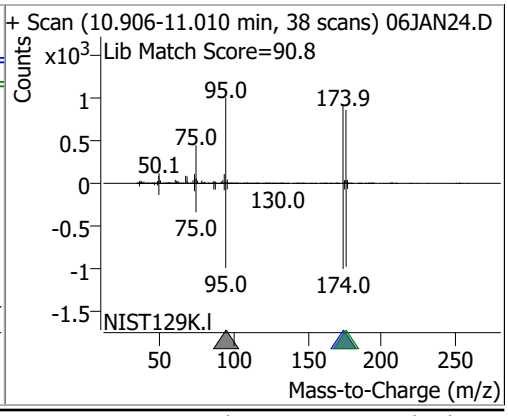




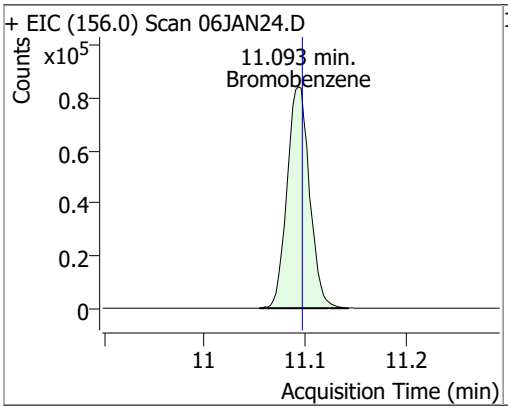
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	277.9152	10.95	0.00	285760	174.0	91.5	61.7	121.7
					176.0	89.4	60.6	120.6

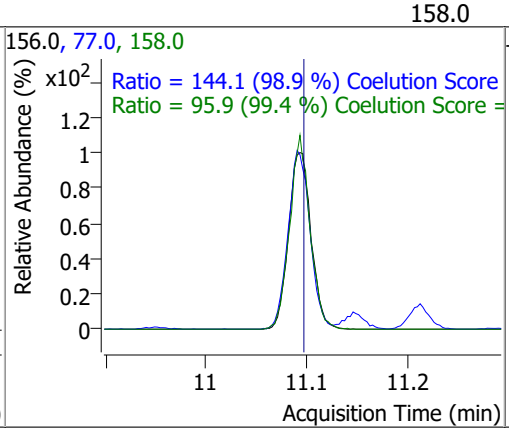


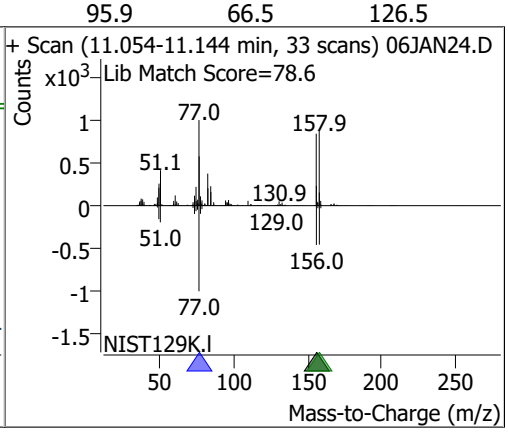




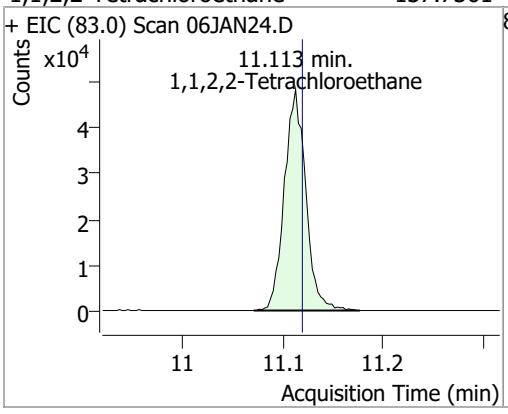
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	144.8566	11.09	0.00	131575	77.0	144.1	115.7	175.7
					158.0	95.9	66.5	126.5

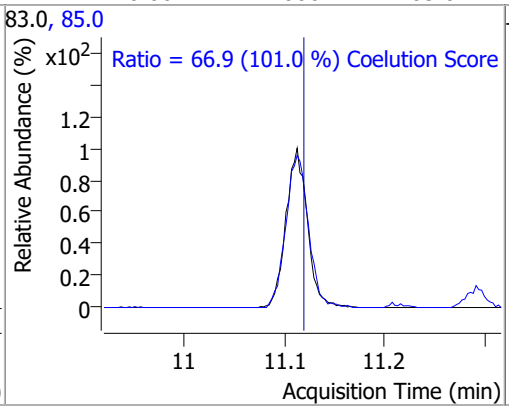


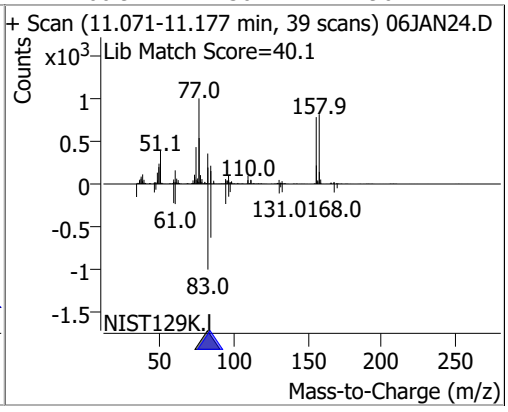




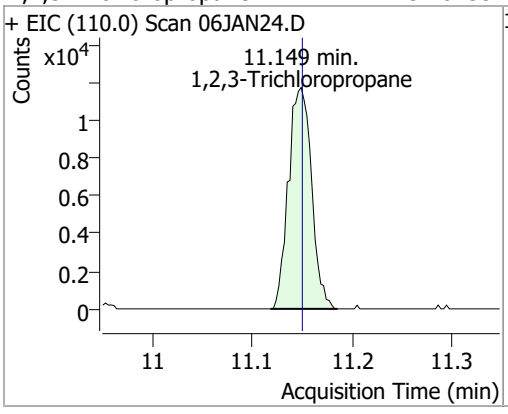
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	137.7361	11.11	0.00	72008	85.0	66.9	36.2	96.2

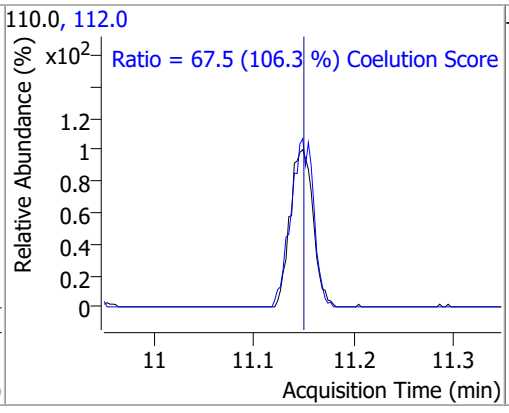


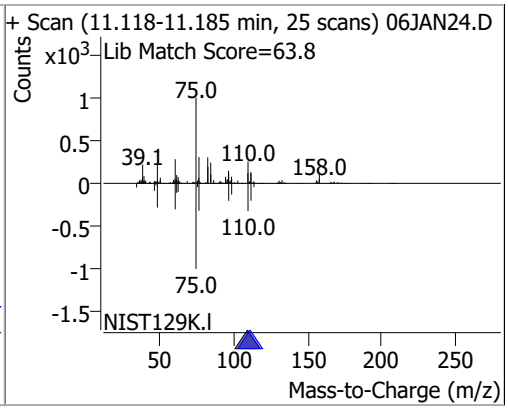




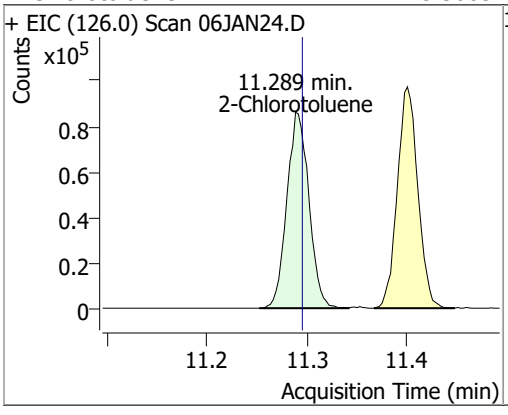
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	134.0235	11.15	0.00	18748	112.0	67.5	33.5	93.5

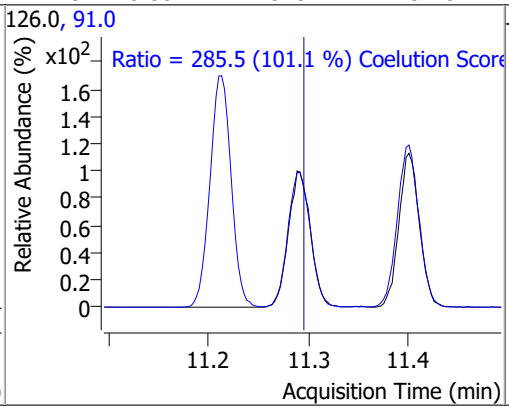


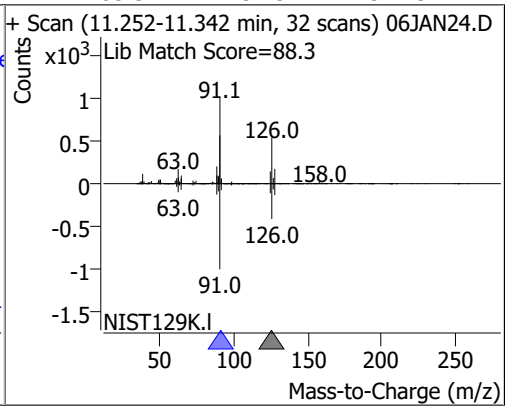




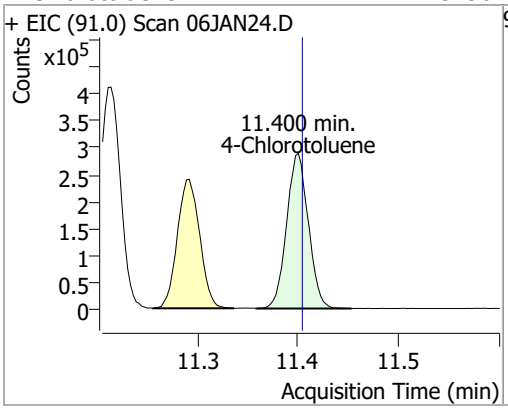
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	145.3603	11.29	0.00	131372	91.0	285.5	252.3	312.3

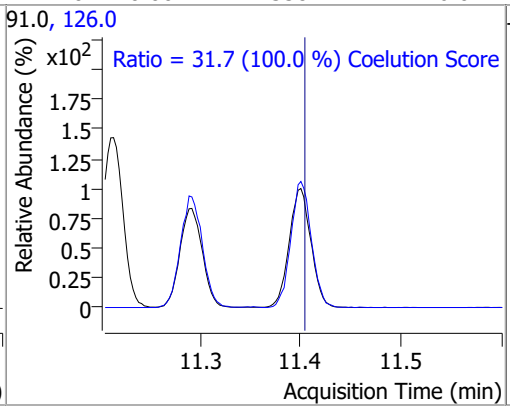


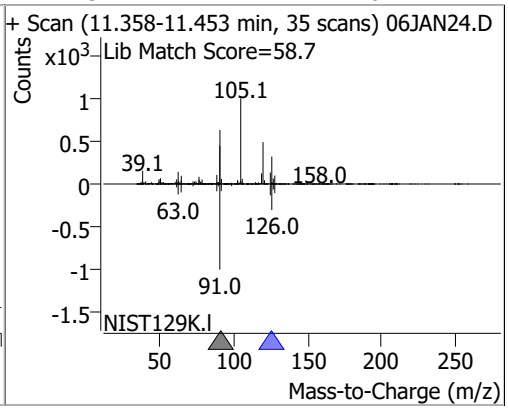




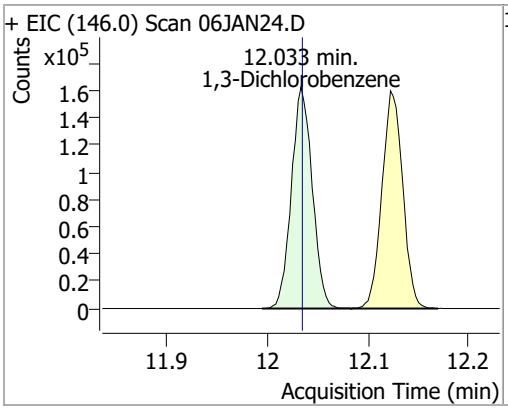
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	147.9190	11.40	0.00	435871	126.0	31.7	1.7	61.7

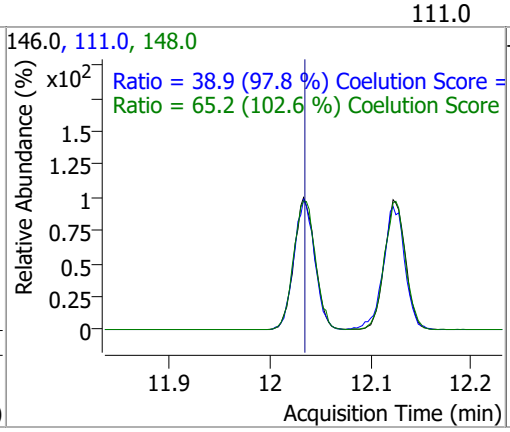


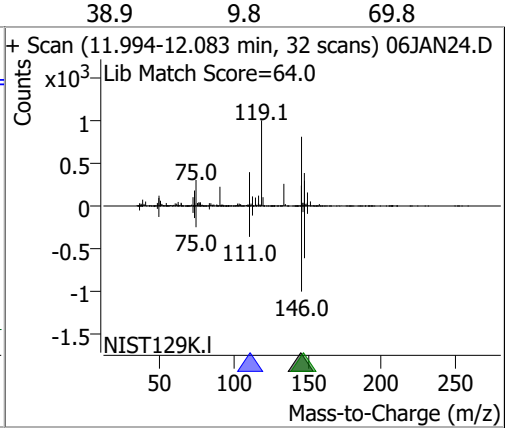




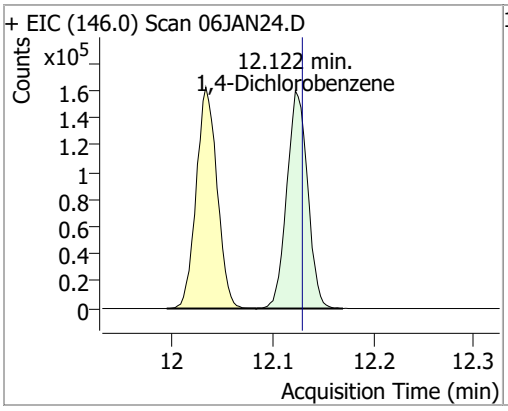
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	141.6813	12.03	0.00	234706	148.0	65.2	33.6	93.6
					111.0	38.9	9.8	69.8

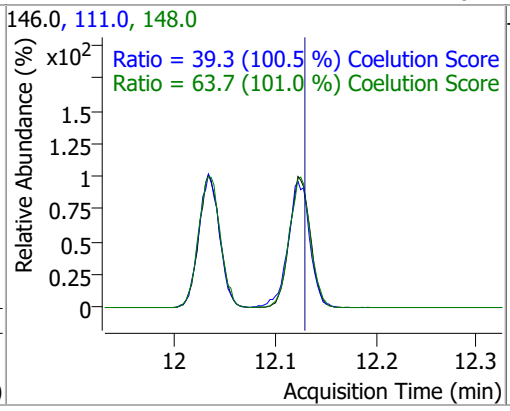


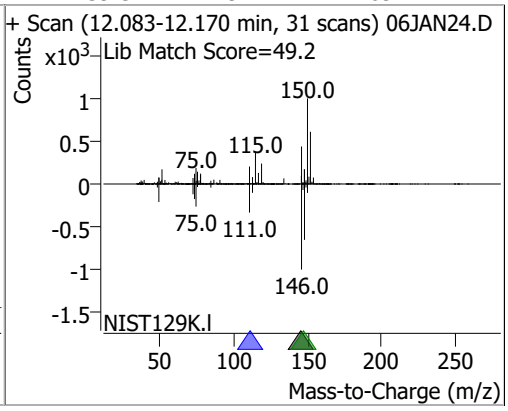




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	136.4095	12.12	0.00	230413	148.0	63.7	33.1	93.1
					111.0	39.3	9.1	69.1

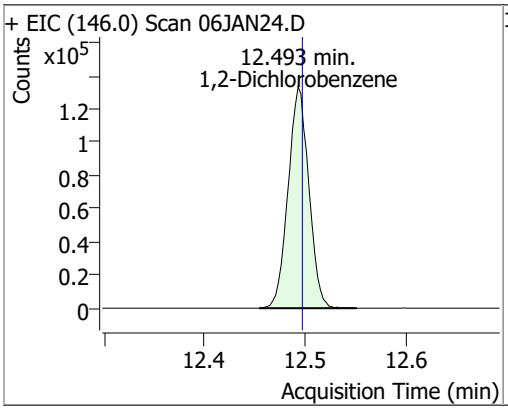


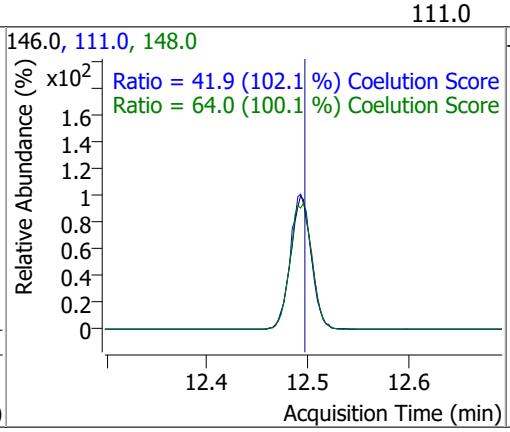


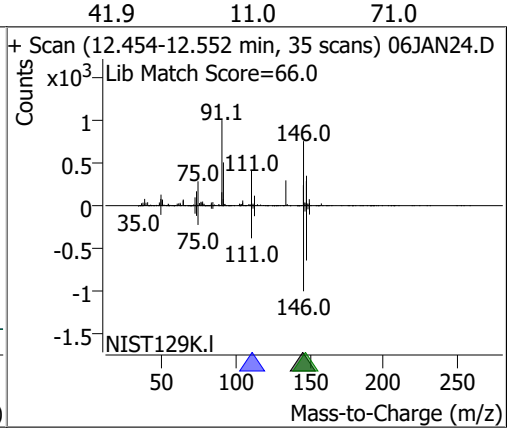


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	136.2807	12.49	0.00	190794	148.0	64.0	33.9	93.9
					111.0	41.9	11.0	71.0

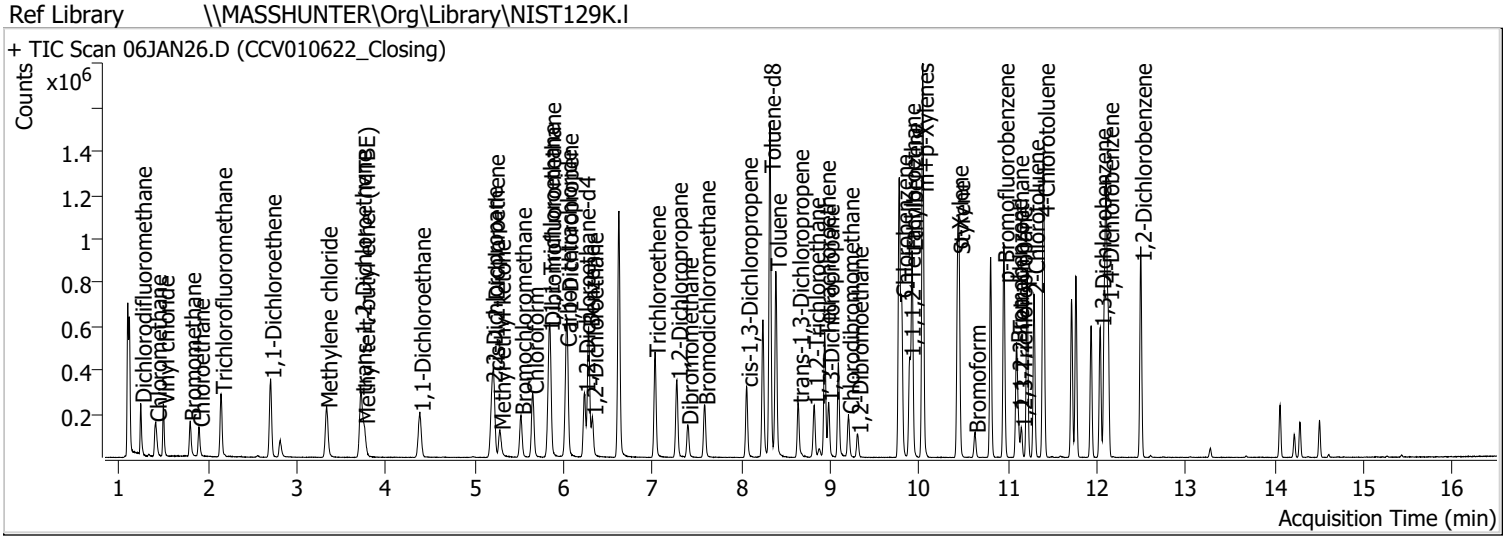






Quantitation Results Report (QT Reviewed)

Data File	06JAN26.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/6/2022 9:16:46 PM
Sample Name	CCV010622_Closing	Instrument	VOA5975C
Vial	26	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_010422.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG010622_8260B.batch.bin	Last Calib Update	2/28/2022 4:11:59 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

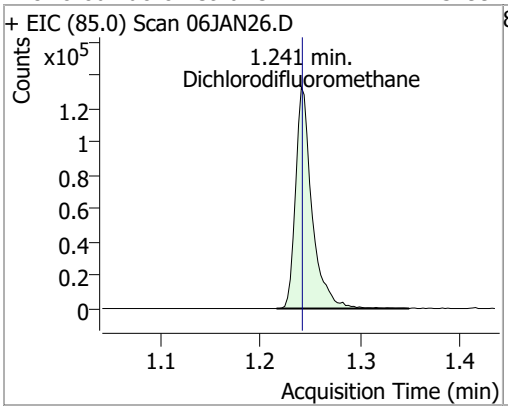


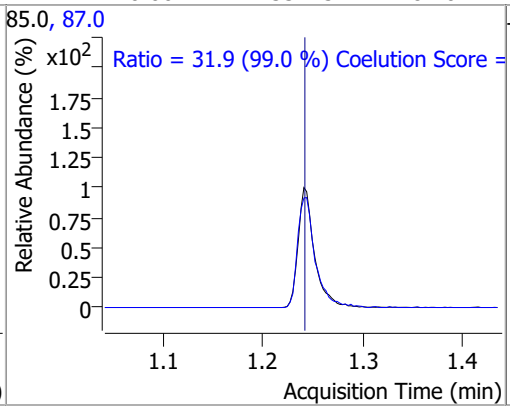
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	940581	250.0000	ng	-0.003
M Chlorobenzene-d5	9.774	82.0	356013	250.0000	ng	0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	291400	250.0000	ng	0.003
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	236217	266.5737	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.63%		
S 1,2-Dichloroethane-d4	6.233	67.0	103119	269.4223	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 107.77%		
S Toluene-d8	8.319	98.0	940158	274.0408	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 109.62%		
S p-Bromofluorobenzene	10.948	95.0	284682	266.6691	ng	-0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.67%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	153245	124.3299	ng	99
T Chloromethane	1.411	50.0	177581	118.7012	ng	99
T Vinyl chloride	1.498	62.0	167624	124.5220	ng	99
T Bromomethane	1.799	96.0	79097	131.4061	ng	99
T Chloroethane	1.896	64.0	89725	134.6376	ng	97
T Trichlorofluoromethane	2.145	101.0	202787	121.3673	ng	97
T 1,1-Dichloroethene	2.702	96.0	124036	130.9189	ng	97
T Methylene chloride	3.330	49.0	168342	120.5318	ng	98
T trans-1,2-Dichloroethene	3.717	96.0	127710	132.1250	ng	98
T Methyl tert-butyl ether (MTBE)	3.754	73.0	155166	124.1949	ng	98
T 1,1-Dichloroethane	4.381	63.0	239455	133.0904	ng	99
T 2,2-Dichloropropane	5.193	77.0	169472	125.7067	ng	99
T cis-1,2-Dichloroethene	5.212	96.0	131286	133.9680	ng	98
T Methyl ethyl ketone	5.282	43.0	172319	1298.1548	ng	99
T Bromochloromethane	5.519	128.0	51998	128.0806	ng	97
T Chloroform	5.653	83.0	234893	131.1835	ng	99

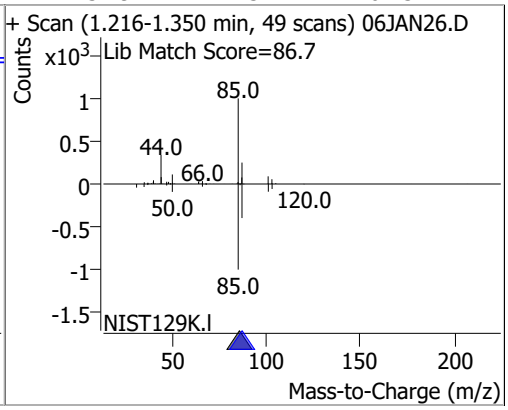
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	221938	132.2598	ng	99
T Carbon tetrachloride	6.024	117.0	214833	129.9402	ng	99
T 1,1-Dichloropropene	6.040	75.0	190214	133.3175	ng	99
T Benzene	6.280	78.0	503421	134.4256	ng	100
T 1,2-Dichloroethane	6.322	62.0	129871	128.1900	ng	98
T Trichloroethene	7.025	95.0	142376	132.6044	ng	97
T 1,2-Dichloropropane	7.273	63.0	129065	136.6553	ng	97
T Dibromomethane	7.393	93.0	52056	130.4280	ng	97
T Bromodichloromethane	7.582	83.0	148194	134.5410	ng	99
T cis-1,3-Dichloropropene	8.059	75.0	163246	131.0827	ng	99
T Toluene	8.386	92.0	315522	136.1504	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	119138	134.3954	ng	97
T 1,1,2-Trichloroethane	8.815	83.0	59523	128.9101	ng	98
T Tetrachloroethene	8.938	163.8	121771	128.7985	ng	99
T 1,3-Dichloropropane	8.980	76.0	122467	134.8417	ng	98
T Chlorodibromomethane	9.203	129.0	93691	129.8291	ng	99
T 1,2-Dibromoethane	9.303	107.0	66555	131.8246	ng	100
T Chlorobenzene	9.802	112.0	335504	132.2357	ng	100
T 1,1,1,2-Tetrachloroethane	9.891	131.0	114994	129.6580	ng	97
T Ethylbenzene	9.919	91.0	596411	135.5387	ng	100
T m+p-Xylenes	10.039	106.0	474409	277.4298	ng	99
T o-Xylene	10.430	106.0	208308	136.8374	ng	99
T Styrene	10.449	104.0	342991	139.9423	ng	99
T Bromoform	10.625	172.5	48234	129.3507	ng	98
T Bromobenzene	11.093	156.0	130640	138.5297	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	73843	136.0436	ng	96
T 1,2,3-Trichloropropane	11.149	110.0	18507	127.4277	ng	100
T 2-Chlorotoluene	11.289	126.0	129947	138.4877	ng	98
T 4-Chlorotoluene	11.400	91.0	433271	141.6209	ng	99
T 1,3-Dichlorobenzene	12.036	146.0	231627	134.6726	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	229586	130.9137	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	191609	131.8218	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

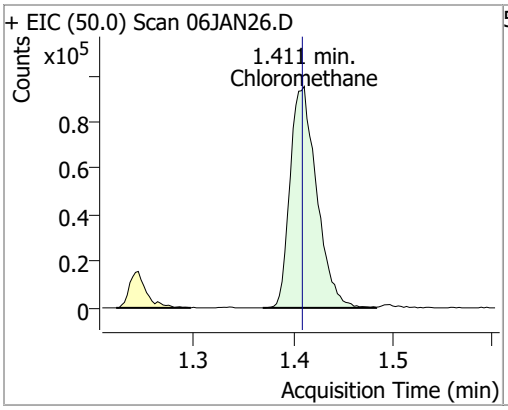
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	124.3299	1.24	0.00	153245	87.0	31.9	2.3	62.3

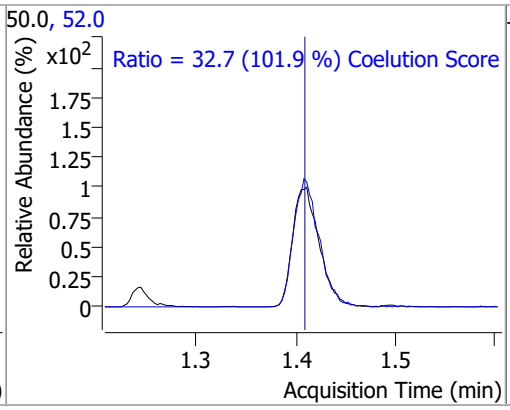


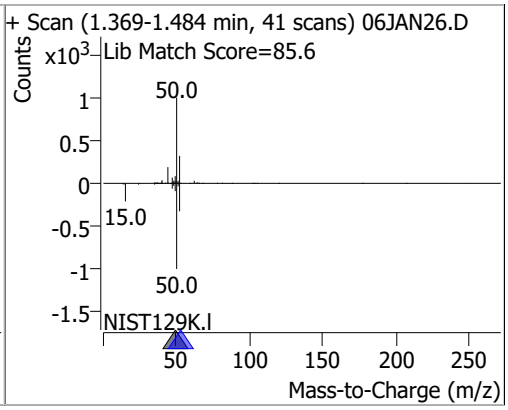




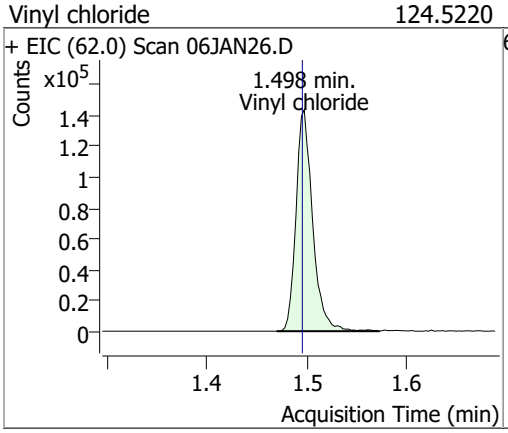
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	118.7012	1.41	0.00	177581	52.0	32.7	2.1	62.1

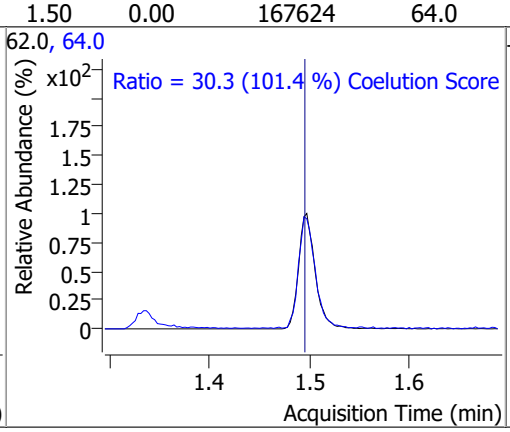


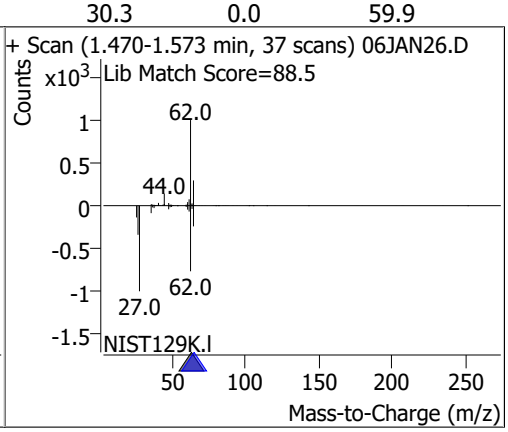




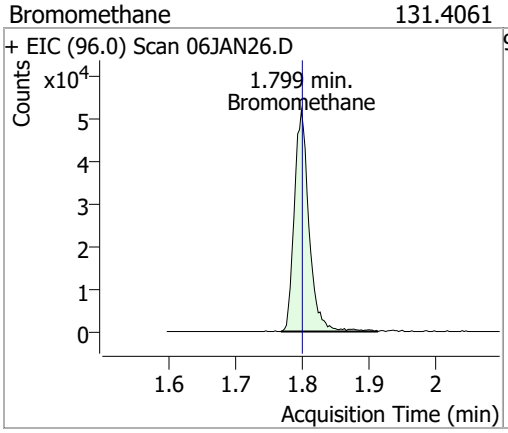
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	124.5220	1.50	0.00	167624	64.0	30.3	0.0	59.9

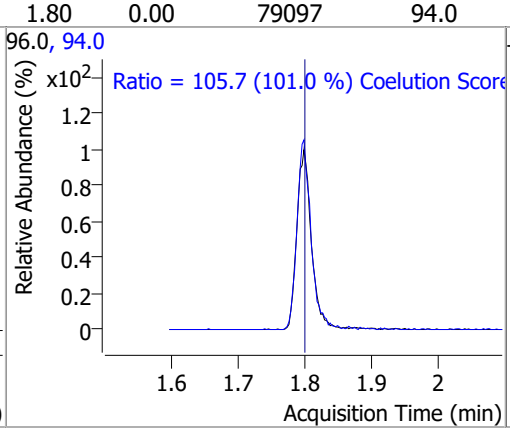


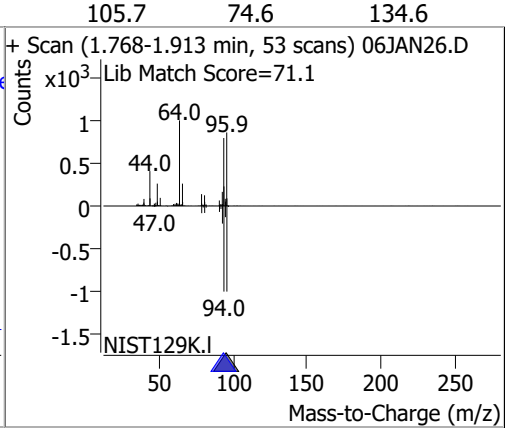




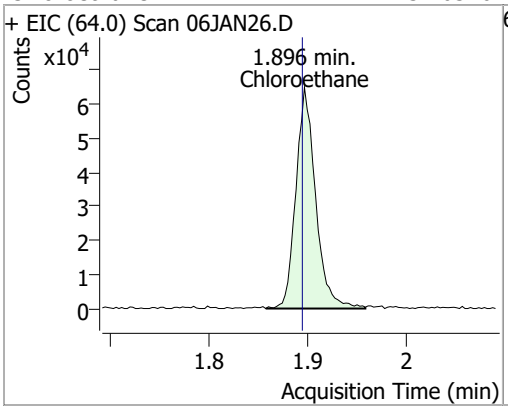
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	131.4061	1.80	0.00	79097	94.0	105.7	74.6	134.6

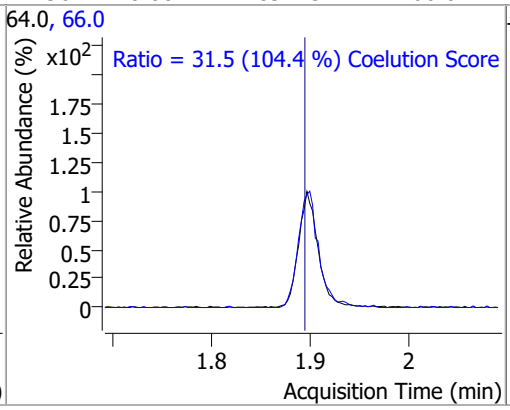


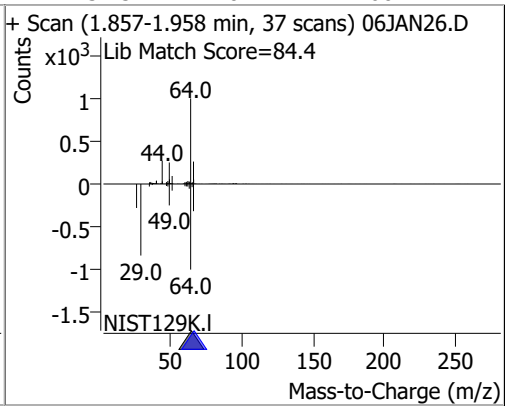




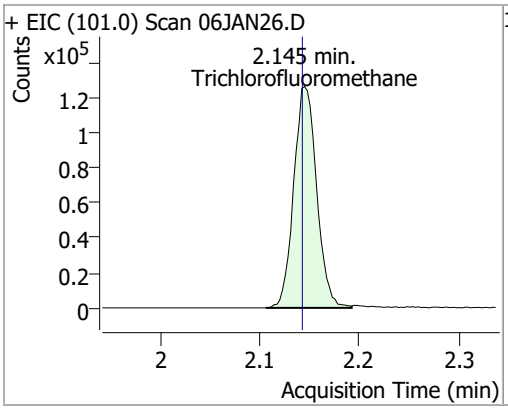
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	134.6376	1.90	0.00	89725	66.0	31.5	0.1	60.1

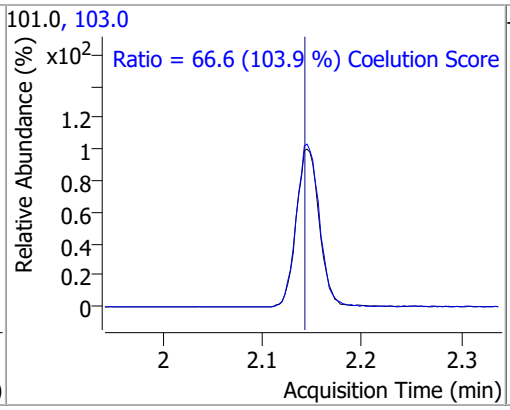


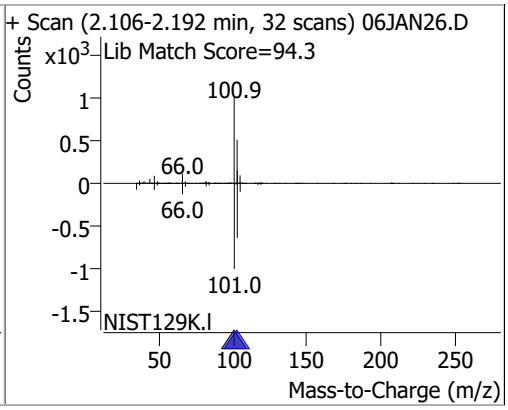




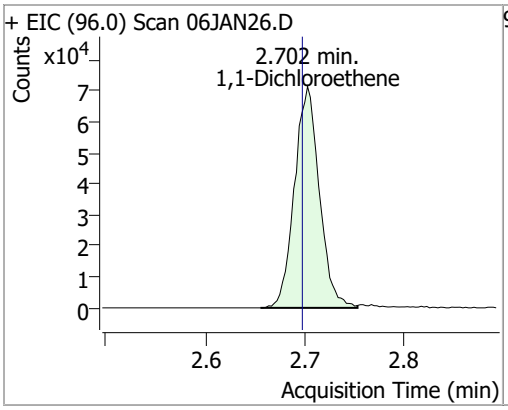
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	121.3673	2.14	0.00	202787	103.0	66.6	34.2	94.2

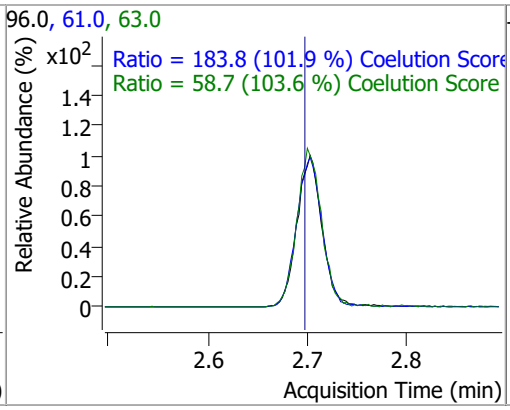


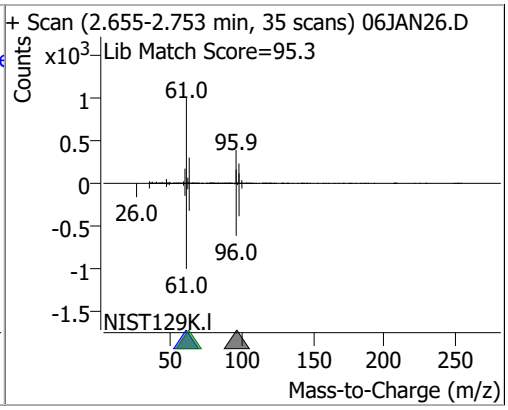




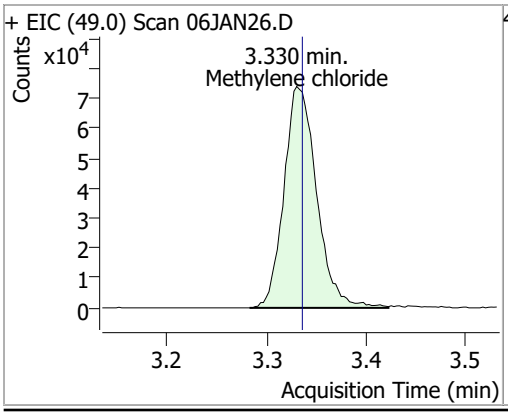
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	130.9189	2.70	0.01	124036	61.0	183.8	150.3	210.3
					63.0	58.7	26.7	86.7

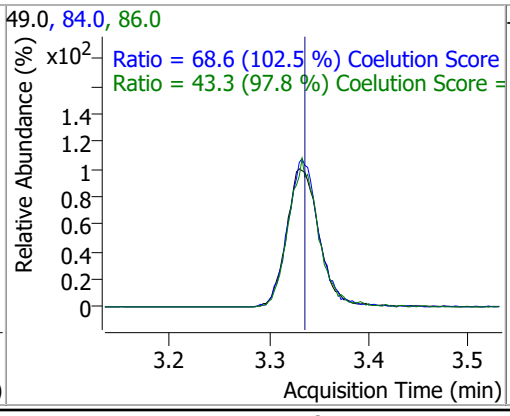


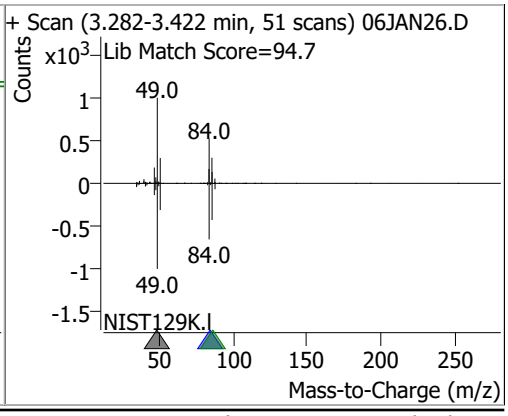




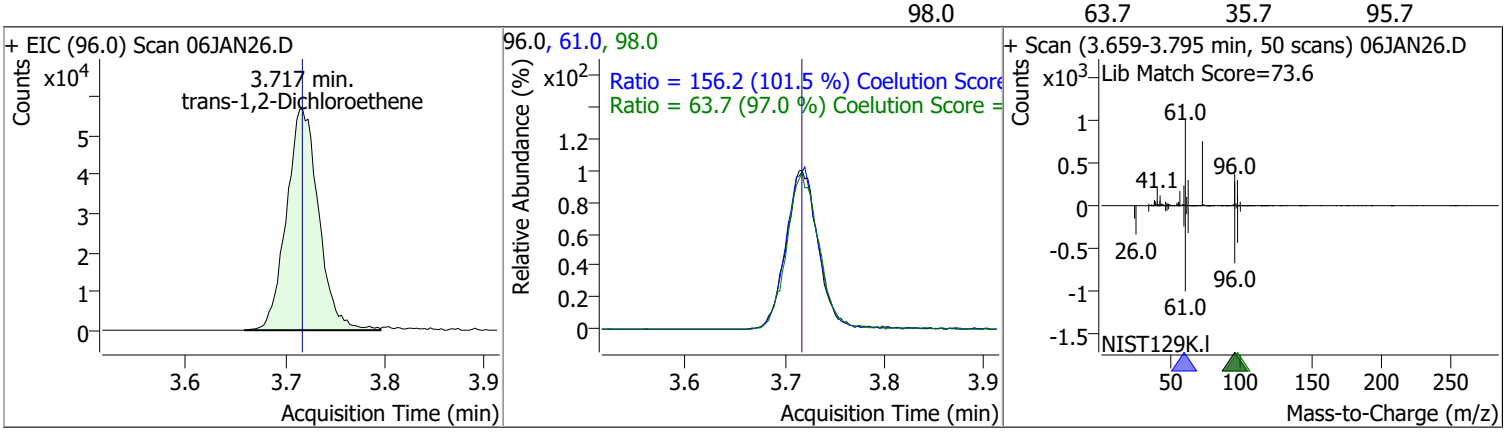
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	120.5318	3.33	-0.01	168342	84.0	68.6	36.9	96.9
					86.0	43.3	14.3	74.3



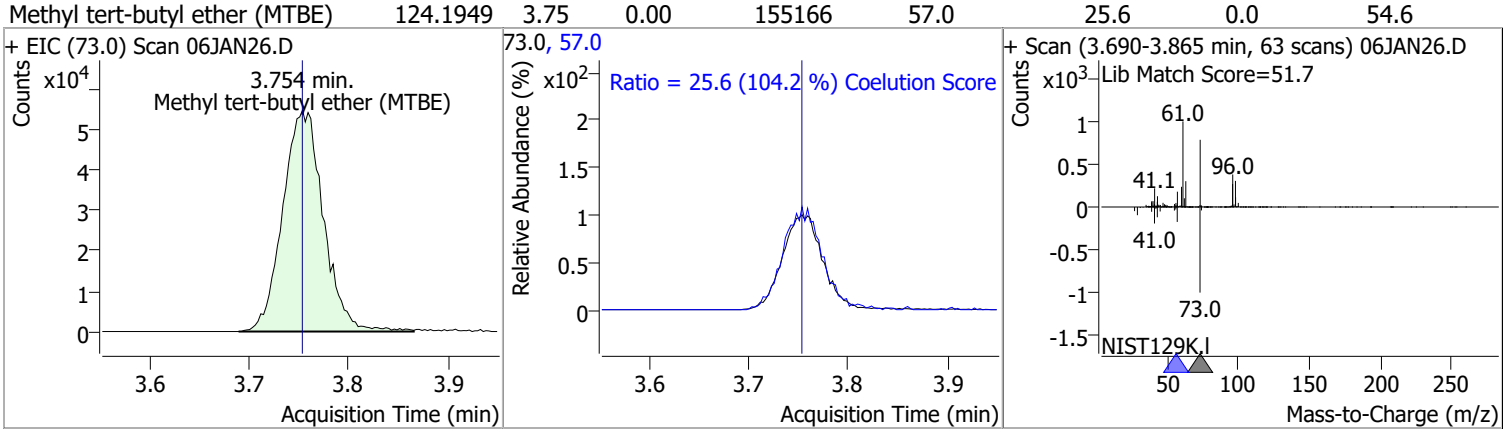




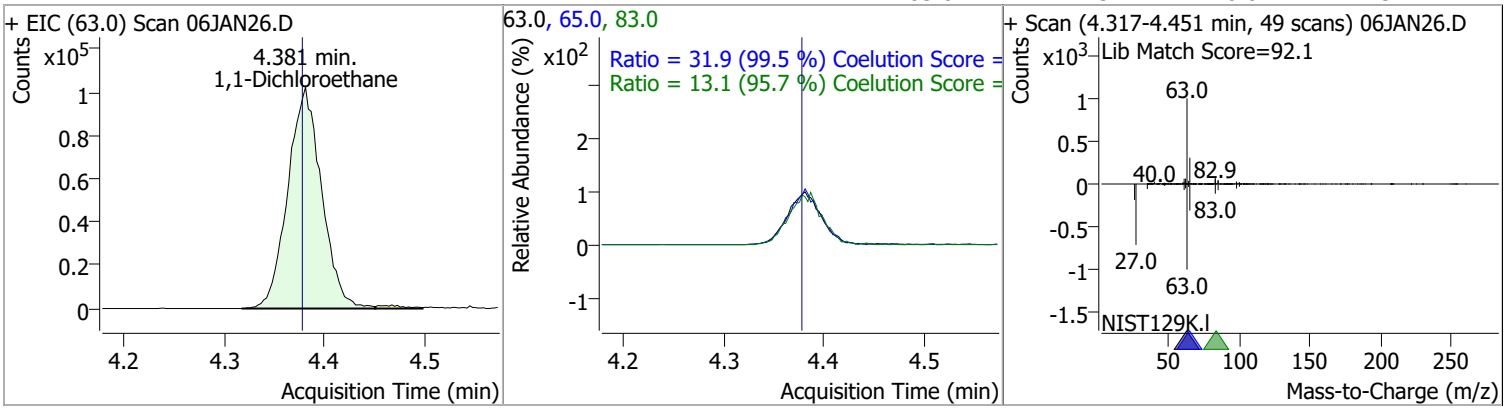
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	132.1250	3.72	0.00	127710	61.0	156.2	123.9	183.9
					98.0	63.7	35.7	95.7



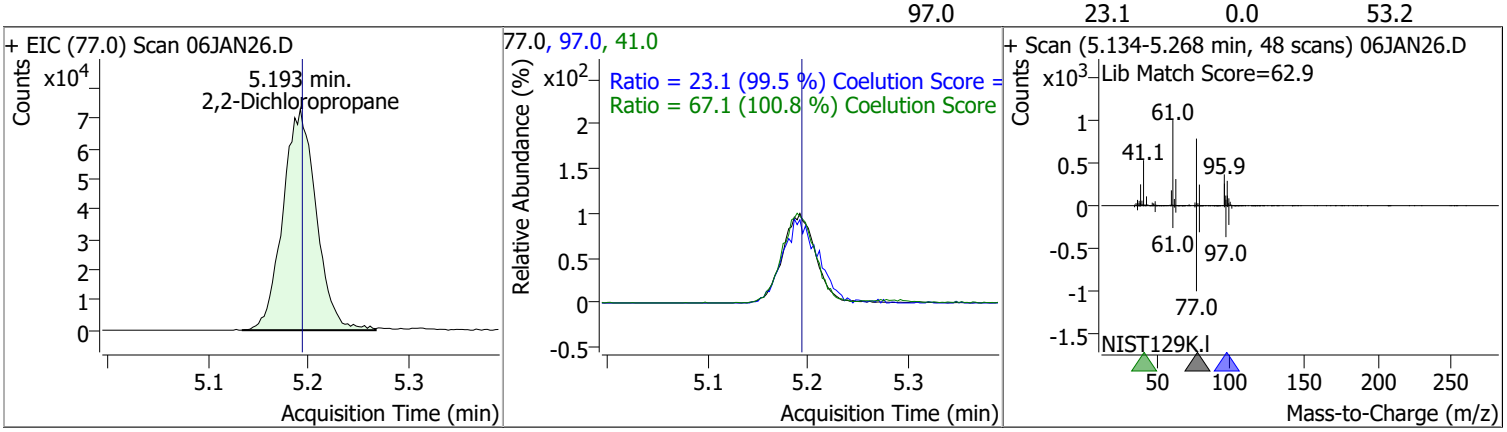
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	124.1949	3.75	0.00	155166	57.0	25.6	0.0	54.6



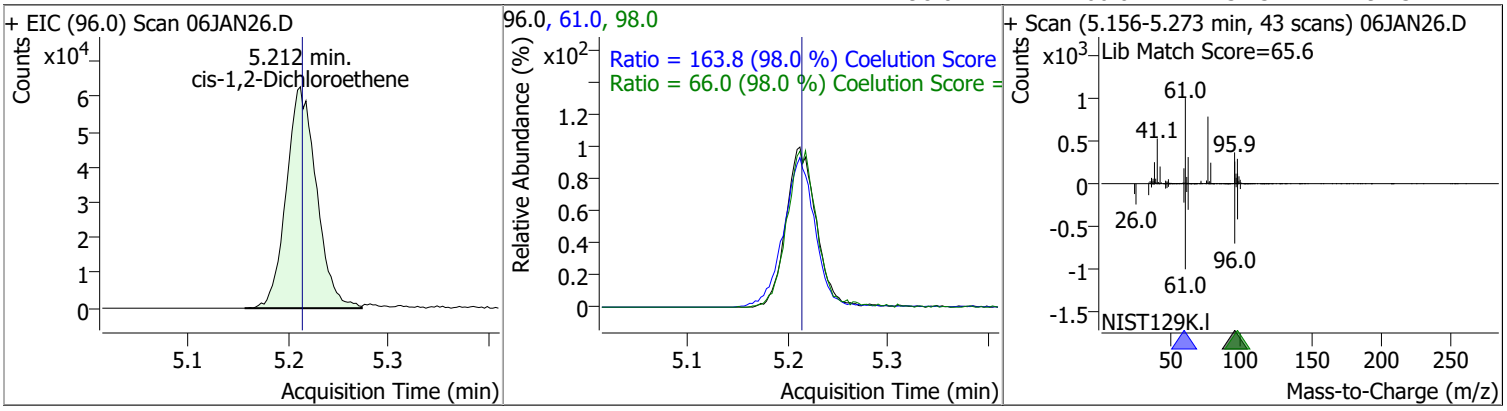
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	133.0904	4.38	0.00	239455	65.0	31.9	2.1	62.1
					83.0	13.1	0.0	43.7



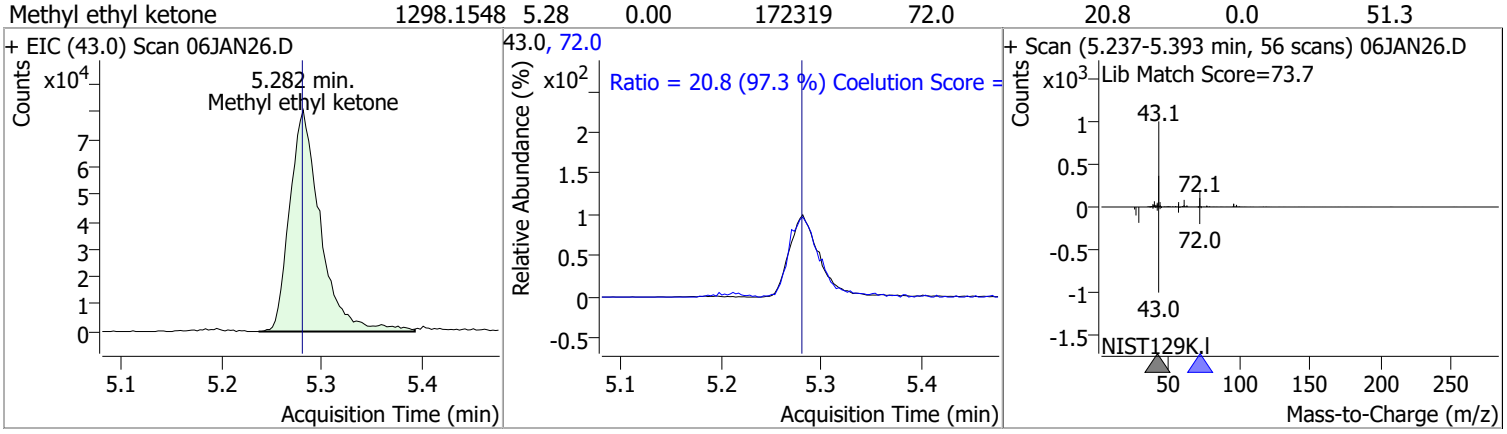
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	125.7067	5.19	0.00	169472	41.0	67.1	36.5	96.5
					97.0	23.1	0.0	53.2



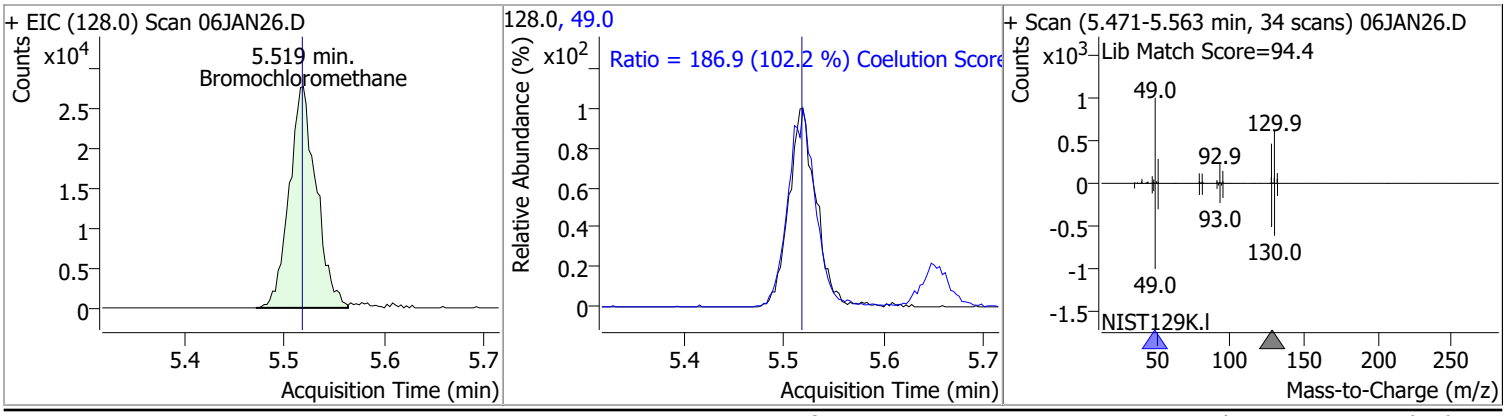
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	133.9680	5.21	0.00	131286	61.0	163.8	137.2	197.2
					98.0	66.0	37.3	97.3



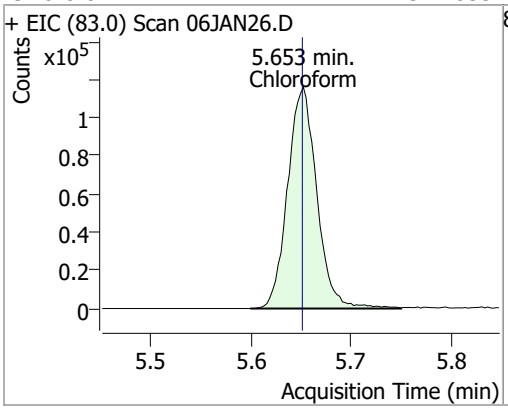
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1298.1548	5.28	0.00	172319	72.0	20.8	0.0	51.3

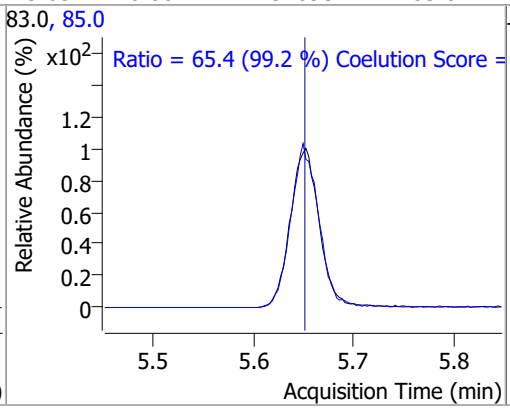


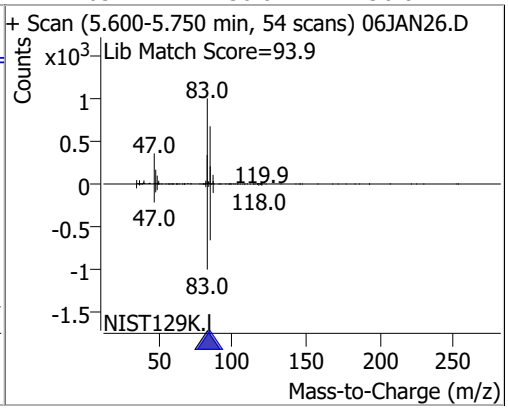
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	128.0806	5.52	0.00	51998	49.0	186.9	152.9	212.9



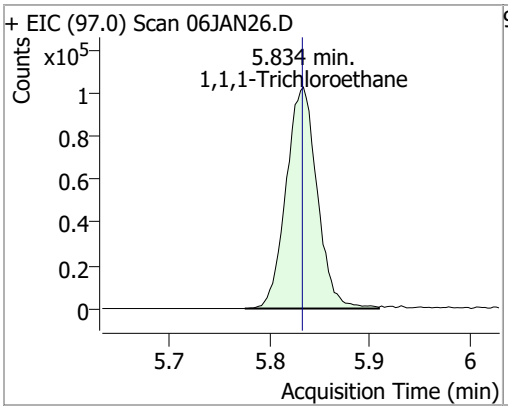
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	131.1835	5.65	0.00	234893	85.0	65.4	36.0	96.0

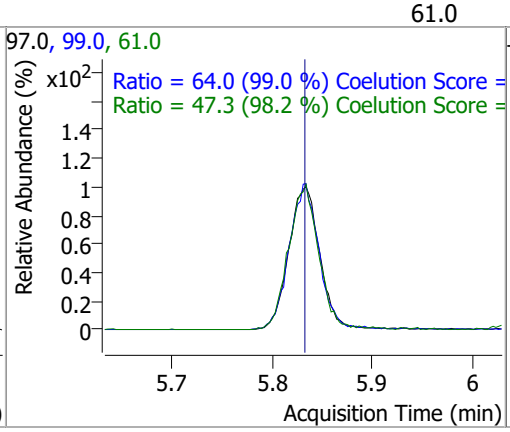


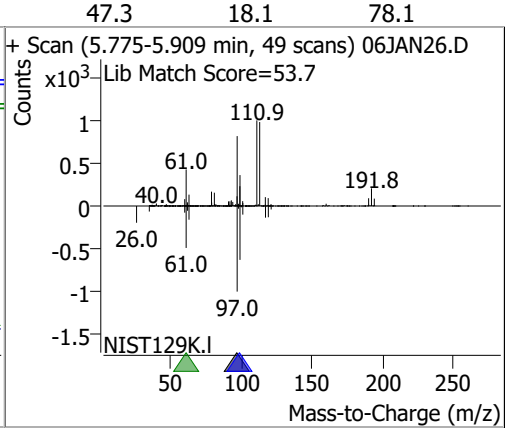




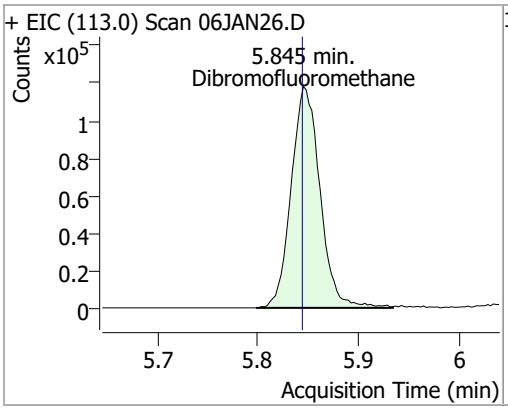
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	132.2598	5.83	0.00	221938	99.0	64.0	34.7	94.7
					61.0	47.3	18.1	78.1

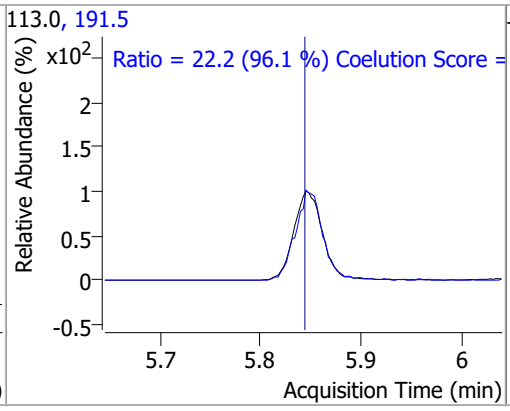


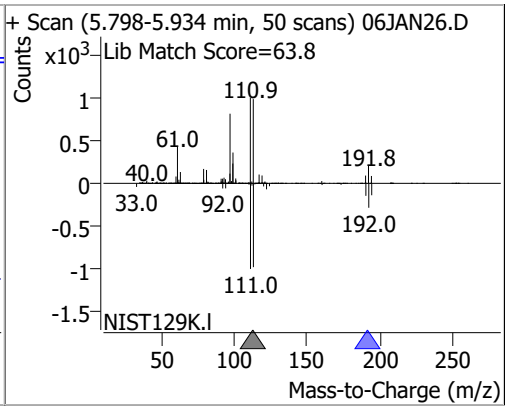




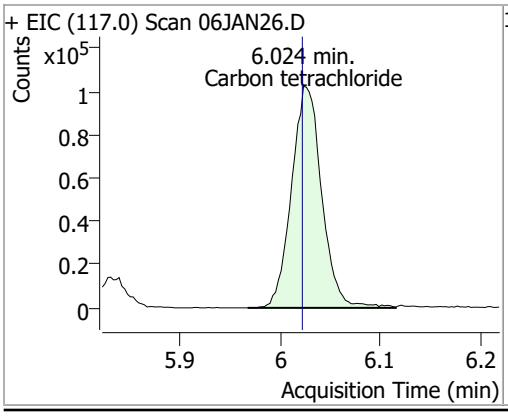
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	266.5737	5.85	0.00	236217	191.5	22.2	0.0	53.1

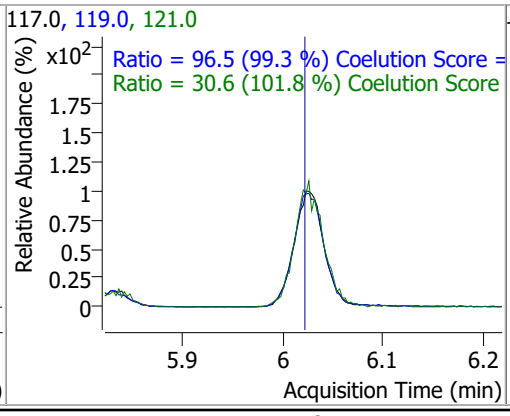


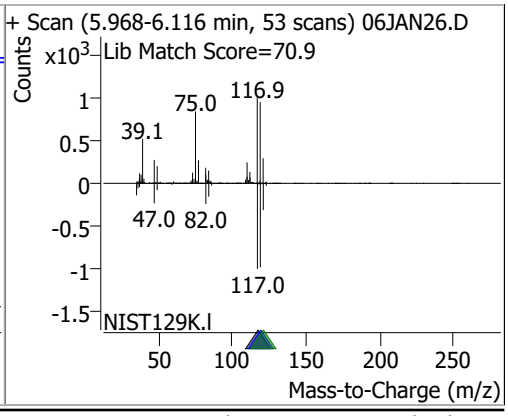




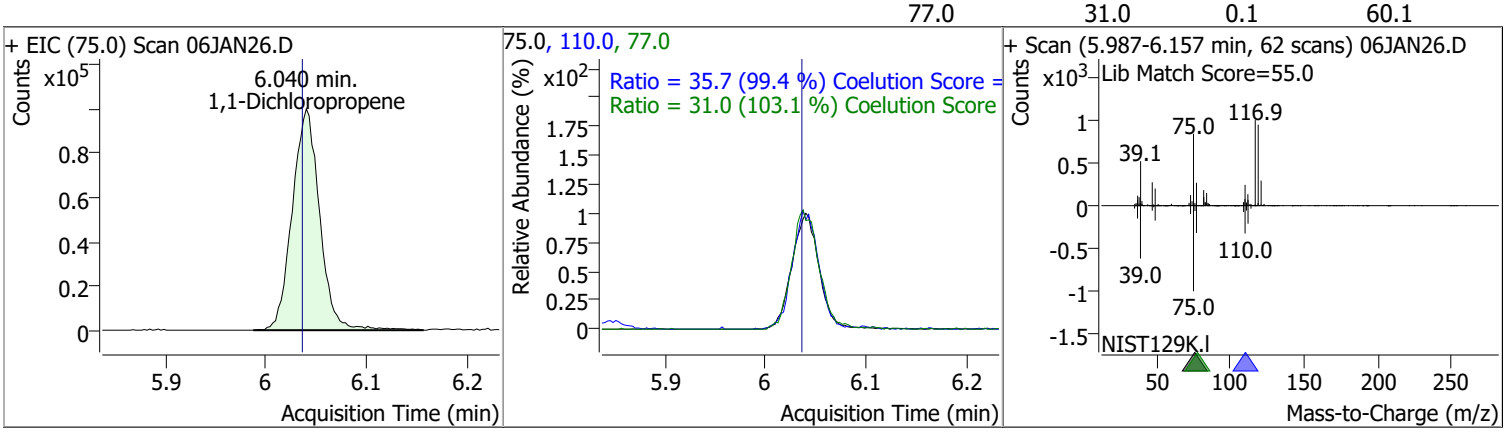
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	129.9402	6.02	0.00	214833	119.0	96.5	67.2	127.2
					121.0	30.6	0.1	60.1



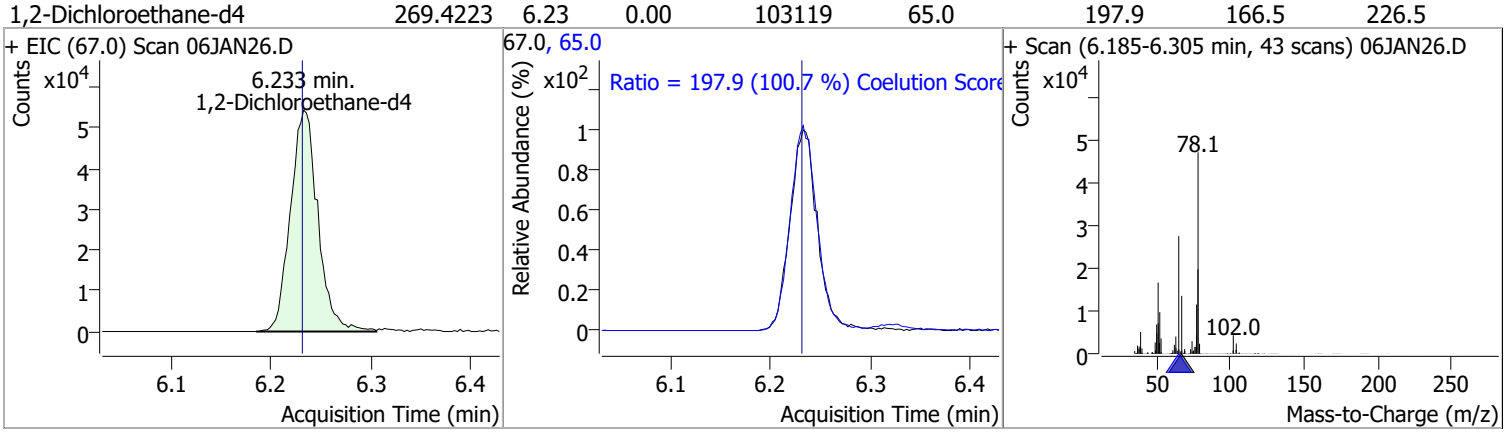




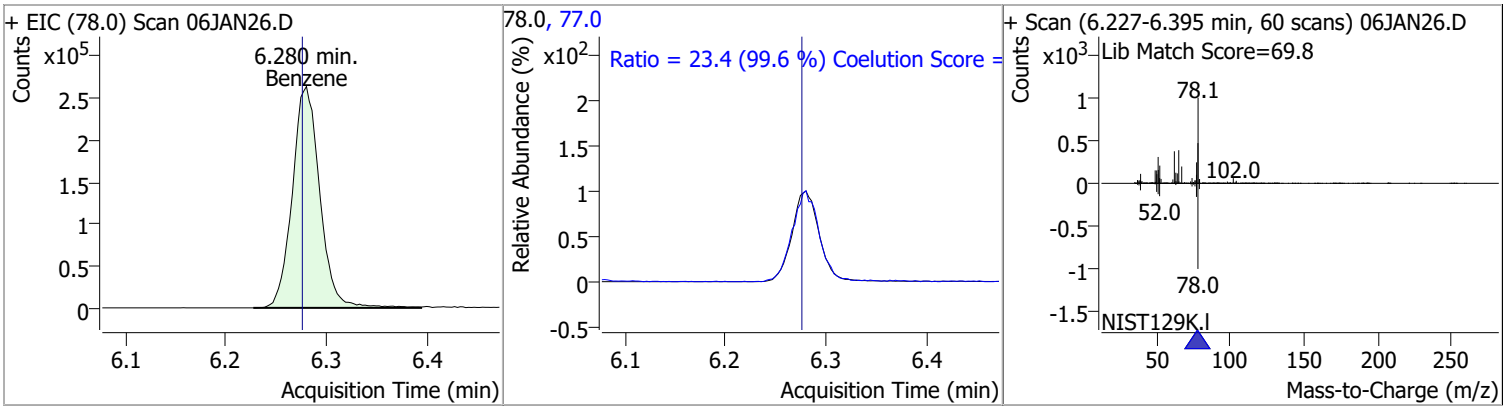
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	133.3175	6.04	0.00	190214	110.0	35.7	5.9	65.9
					77.0	31.0	0.1	60.1



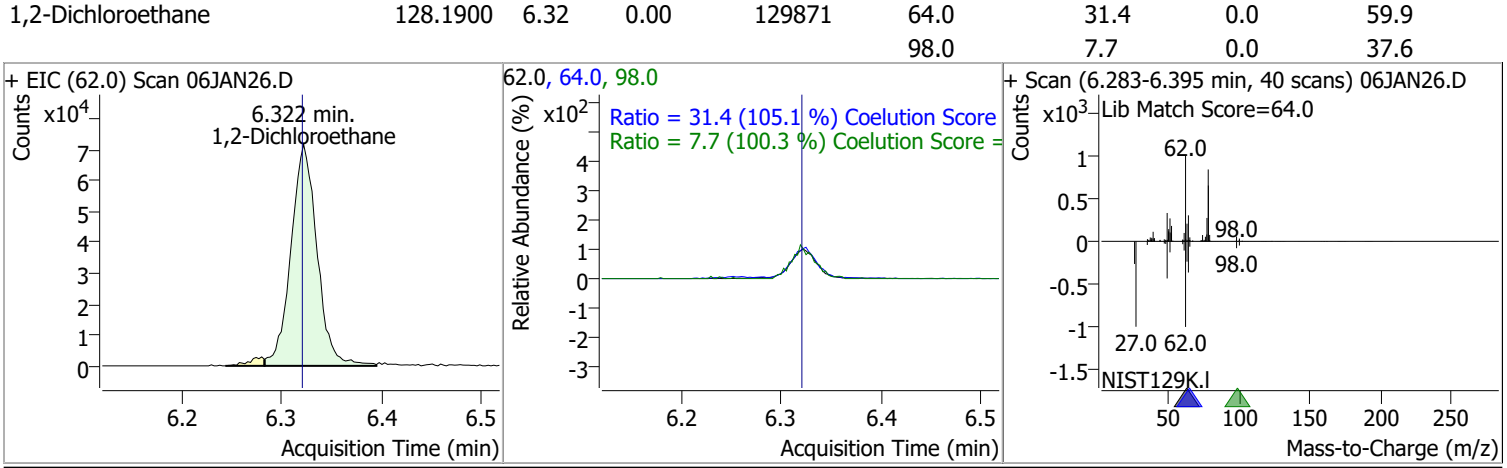
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	269.4223	6.23	0.00	103119	65.0	197.9	166.5	226.5



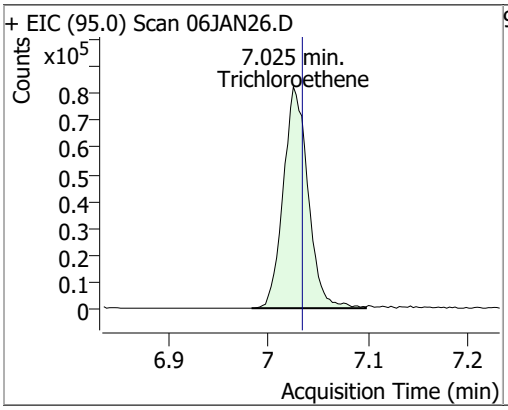
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	134.4256	6.28	0.00	503421	77.0	23.4	0.0	53.5

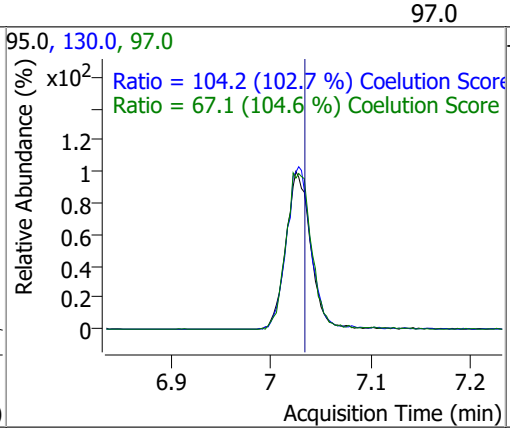


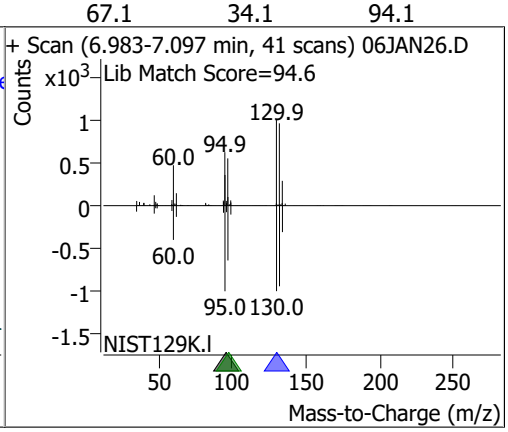
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	128.1900	6.32	0.00	129871	64.0	31.4	0.0	59.9
					98.0	7.7	0.0	37.6



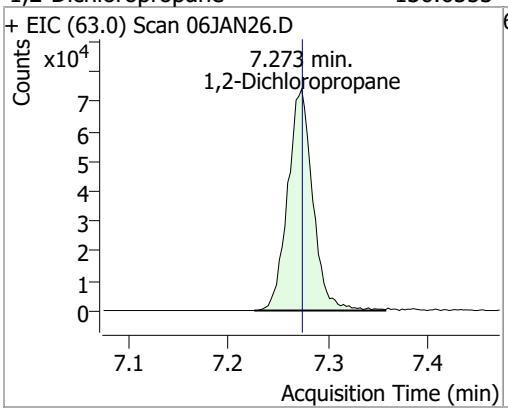
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	132.6044	7.02	-0.01	142376	130.0	104.2	71.5	131.5
					97.0	67.1	34.1	94.1

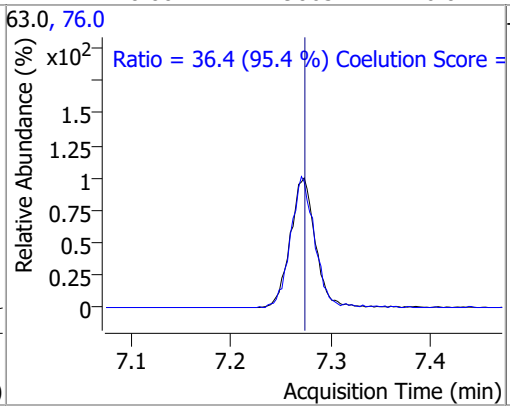


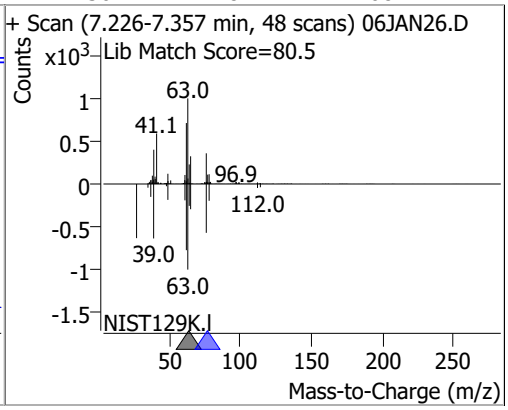




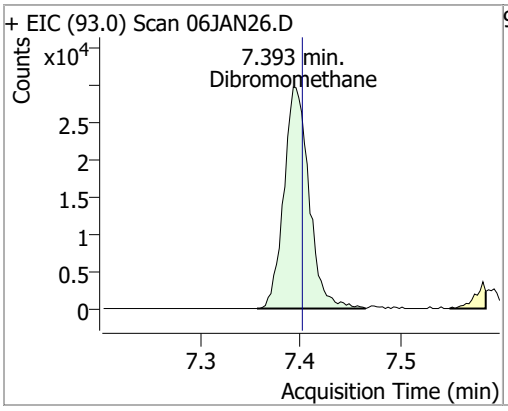
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	136.6553	7.27	0.00	129065	76.0	36.4	8.2	68.2

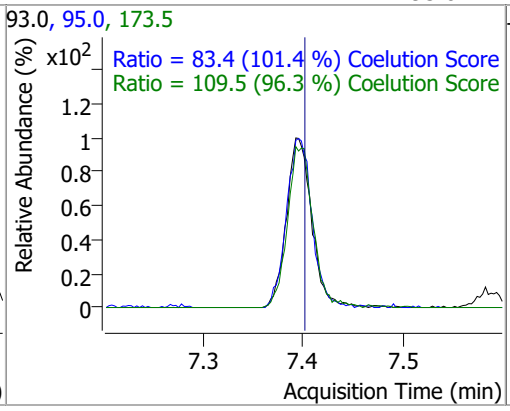


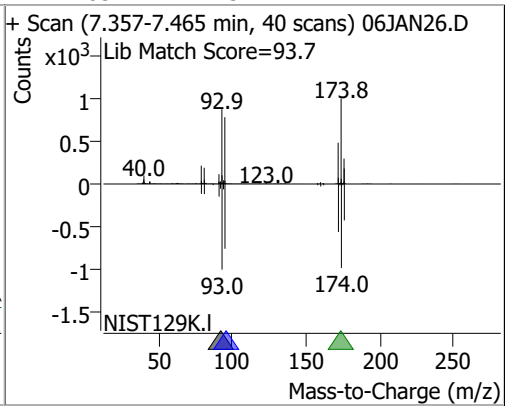




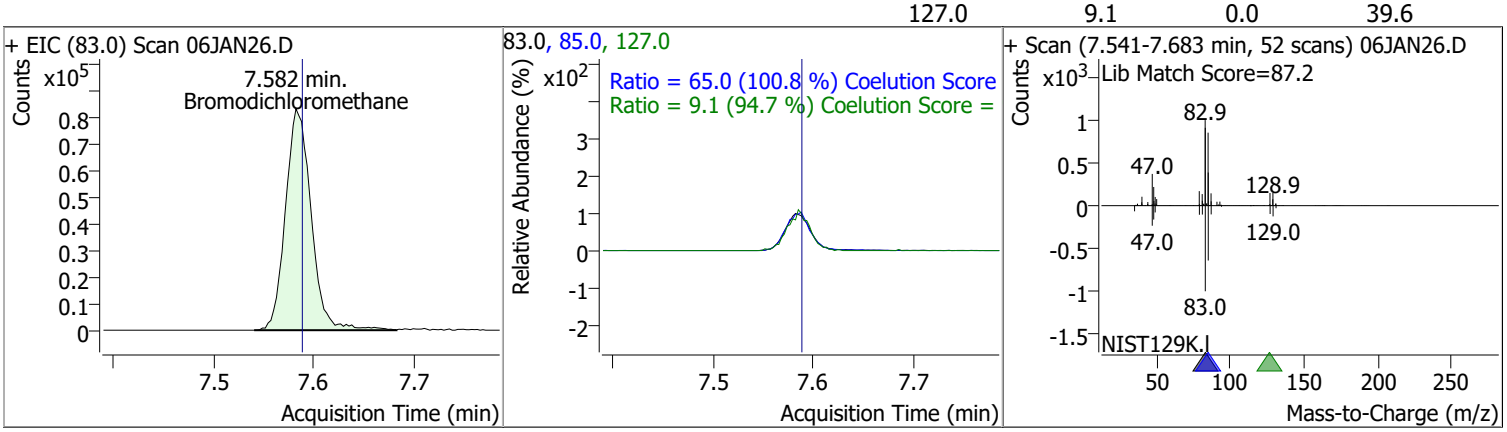
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	130.4280	7.39	-0.01	52056	173.5	109.5	83.7	143.7
					95.0	83.4	52.2	112.2



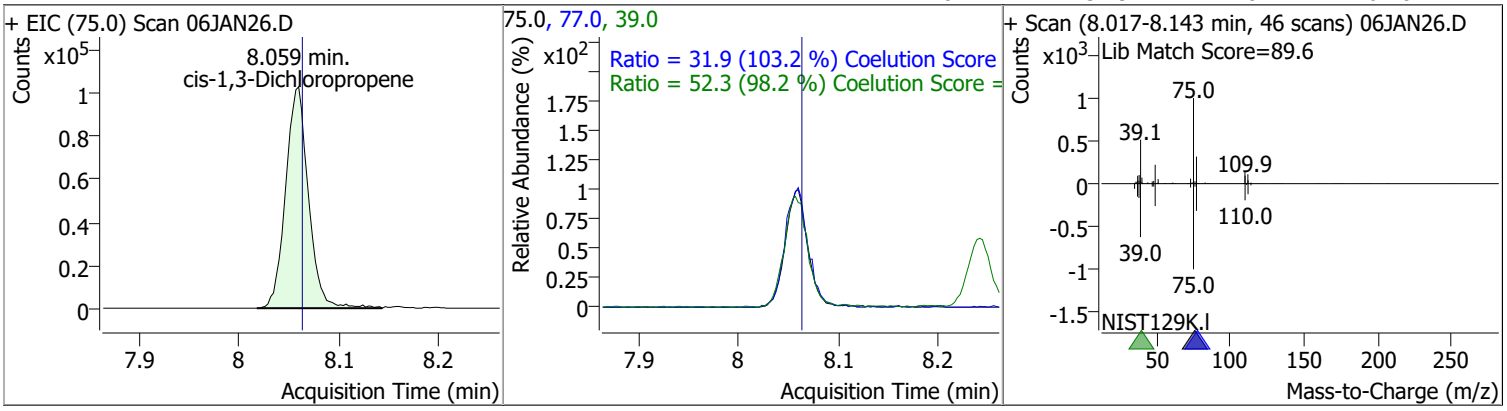




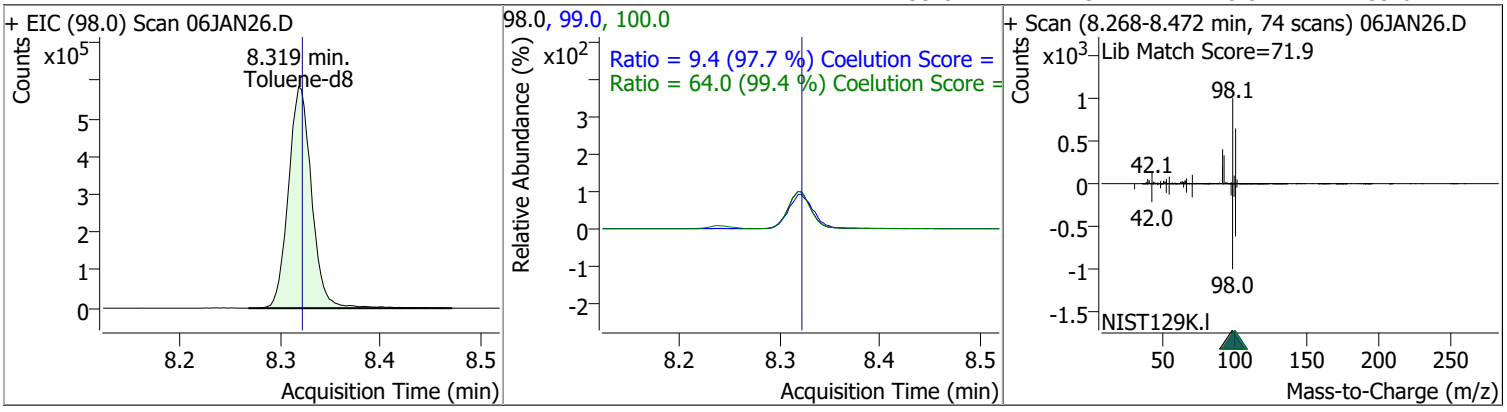
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	134.5410	7.58	0.00	148194	85.0	65.0	34.5	94.5
					127.0	9.1	0.0	39.6



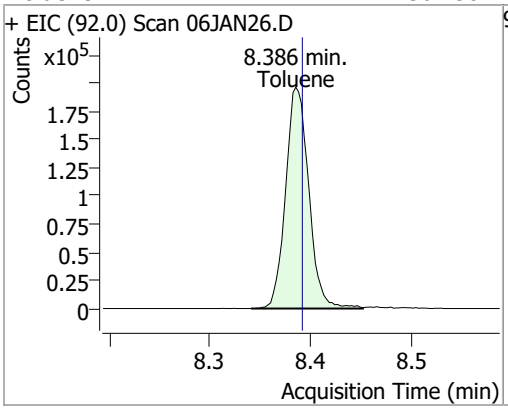
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	131.0827	8.06	0.00	163246	39.0	52.3	23.3	83.3
					77.0	31.9	1.0	61.0

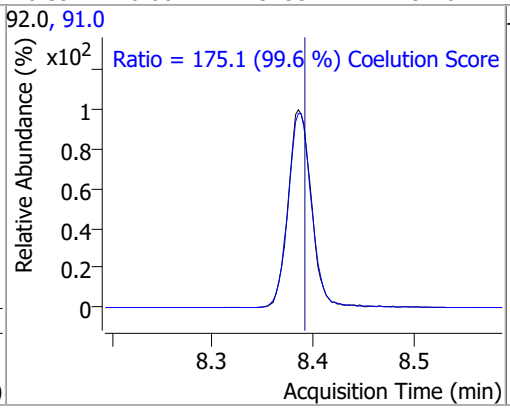


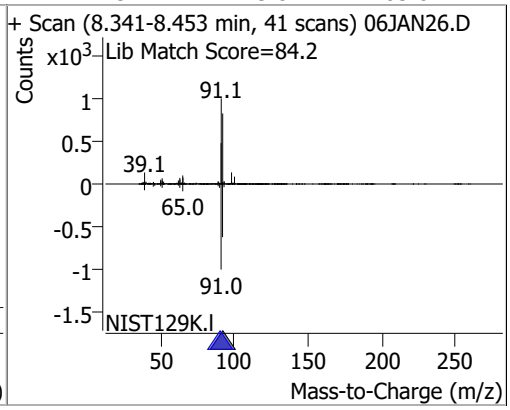
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	274.0408	8.32	0.00	940158	100.0	64.0	34.4	94.4
					99.0	9.4	0.0	39.6



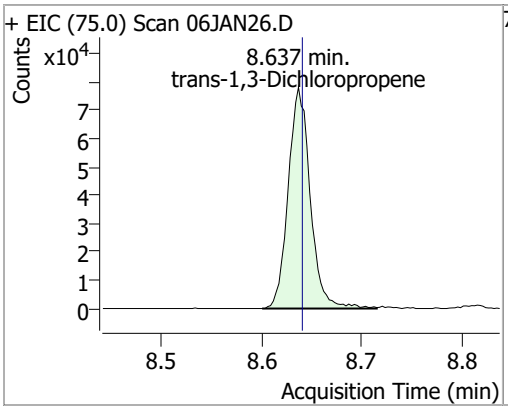
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	136.1504	8.39	0.00	315522	91.0	175.1	145.8	205.8

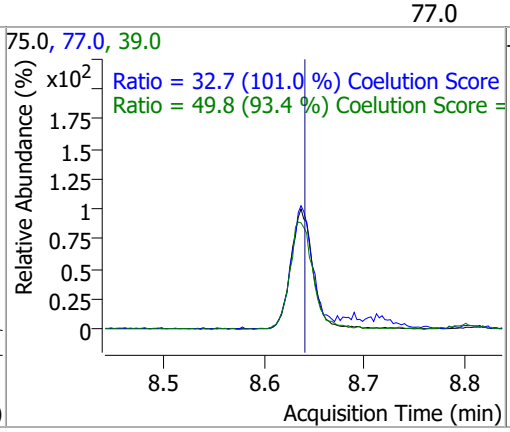


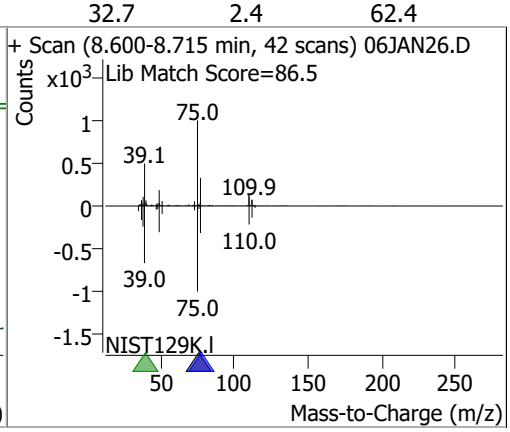




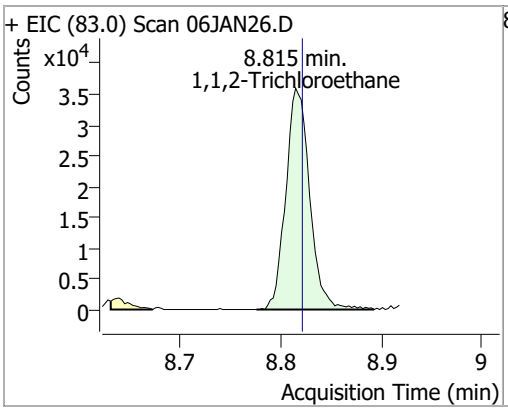
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	134.3954	8.64	0.00	119138	39.0	49.8	23.4	83.4
					77.0	32.7	2.4	62.4

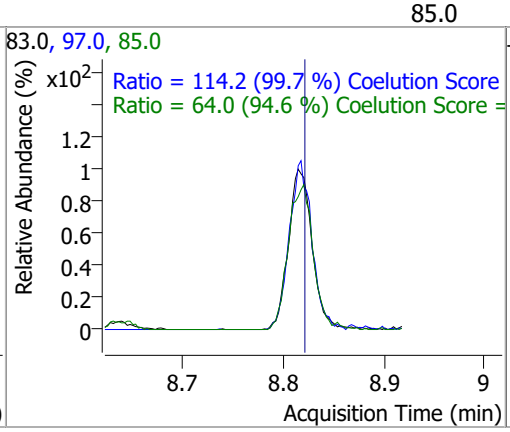


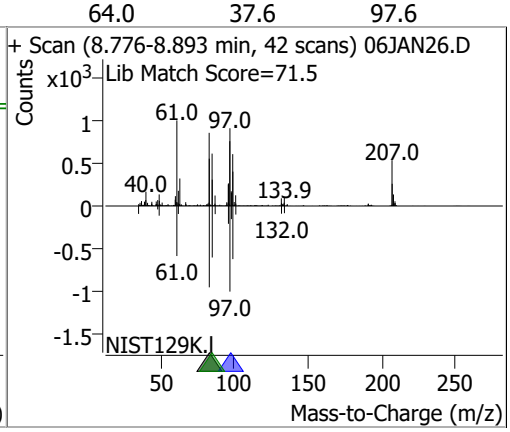




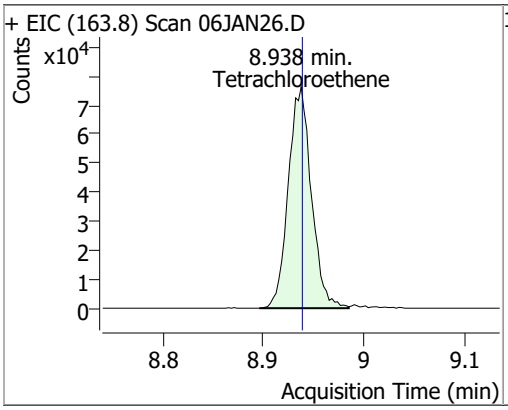
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	128.9101	8.82	0.00	59523	97.0	114.2	84.6	144.6
					85.0	64.0	37.6	97.6

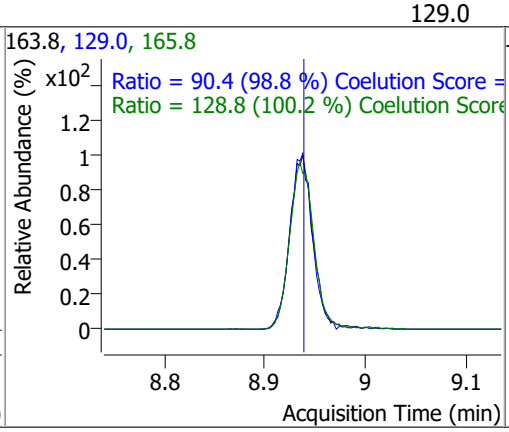


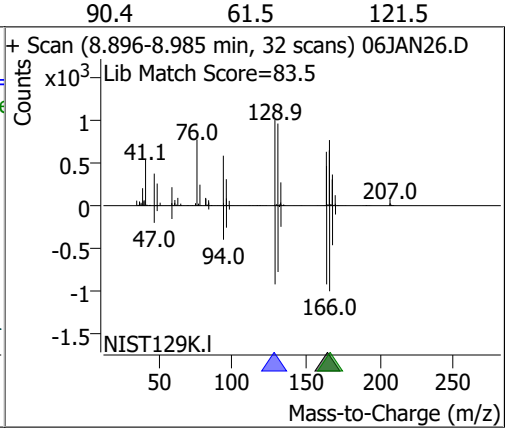




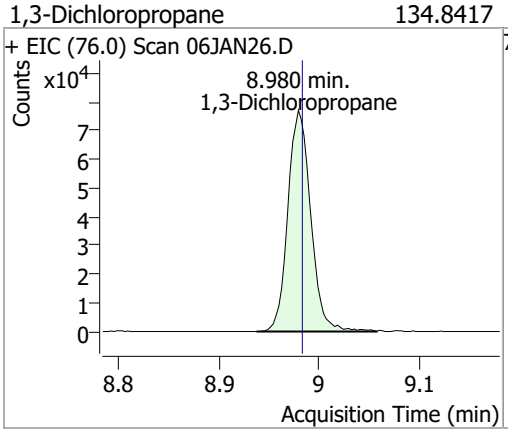
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	128.7985	8.94	0.00	121771	165.8	128.8	98.6	158.6
					129.0	90.4	61.5	121.5

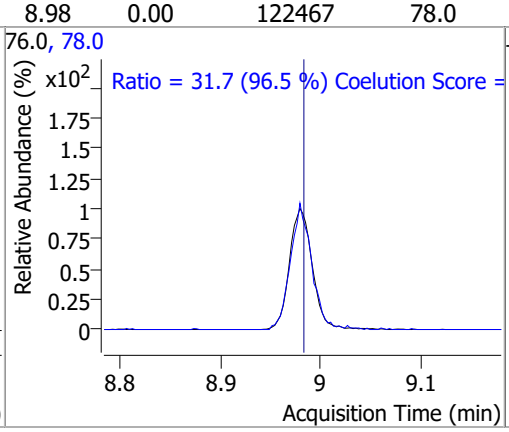


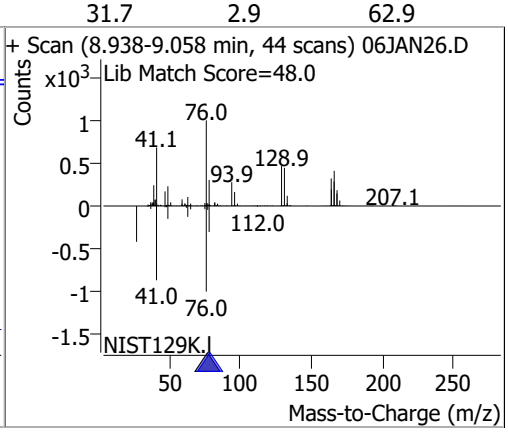




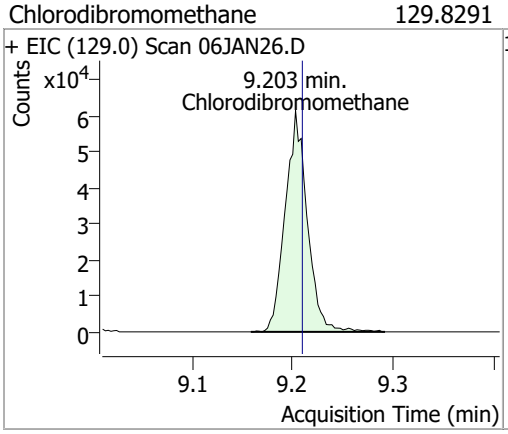
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	134.8417	8.98	0.00	122467	78.0	31.7	2.9	62.9

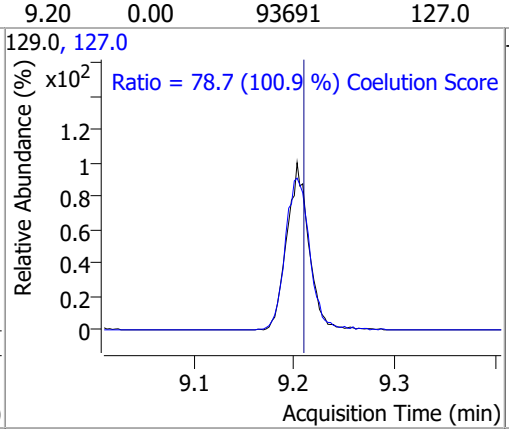


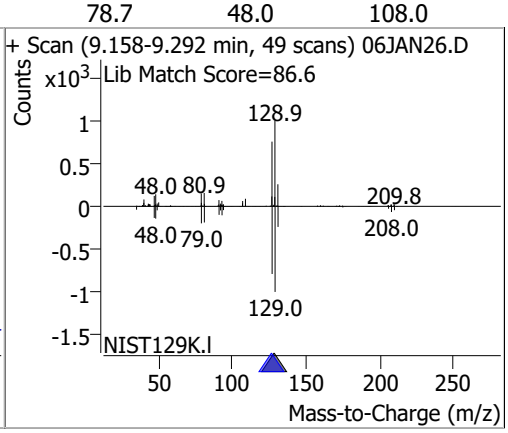




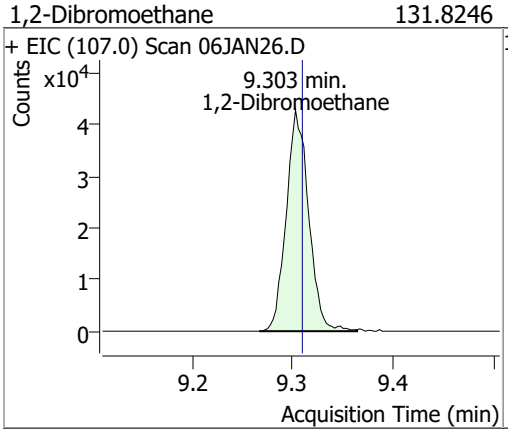
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	129.8291	9.20	0.00	93691	127.0	78.7	48.0	108.0

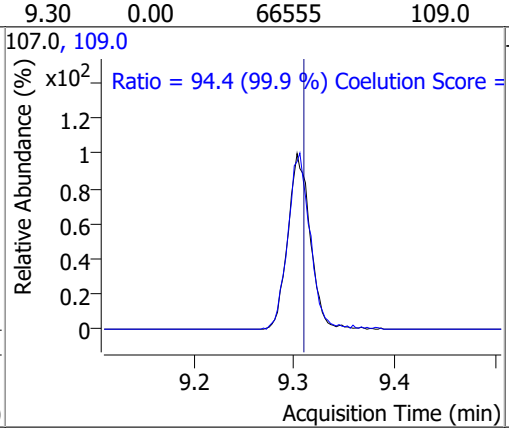


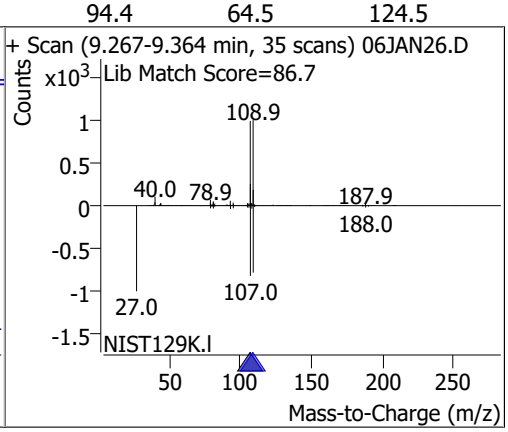




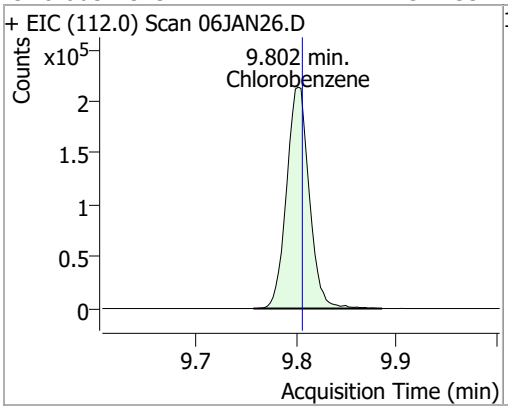
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	131.8246	9.30	0.00	66555	109.0	94.4	64.5	124.5

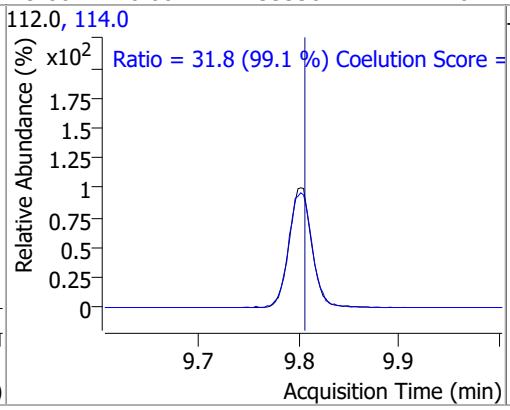


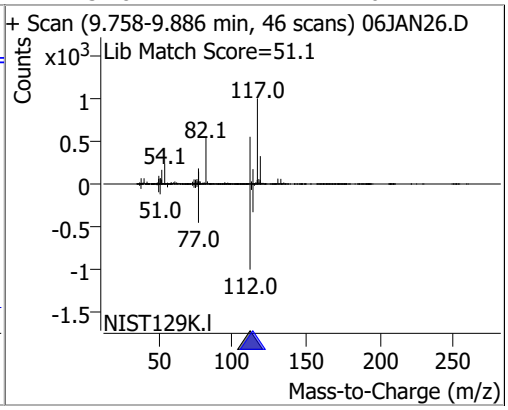




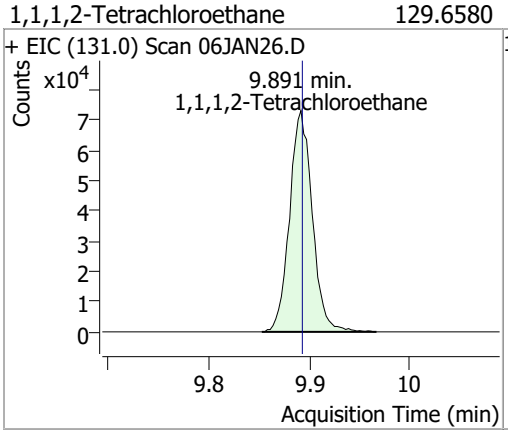
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	132.2357	9.80	0.00	335504	114.0	31.8	2.1	62.1

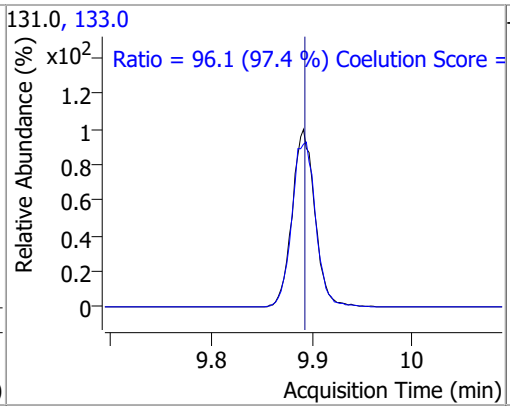


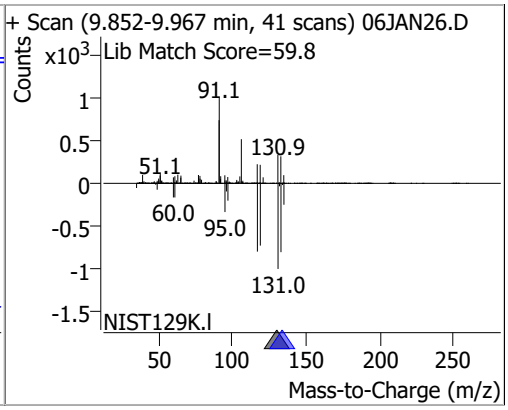




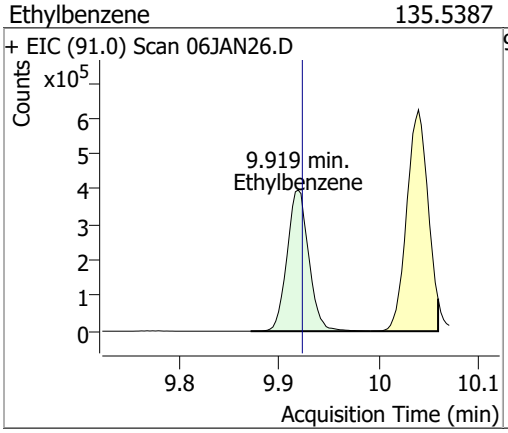
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	129.6580	9.89	0.00	114994	133.0	96.1	68.6	128.6

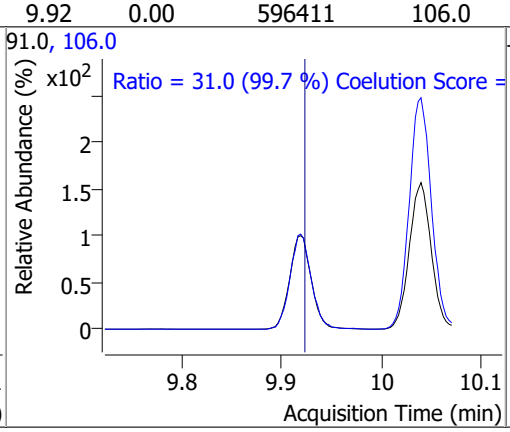


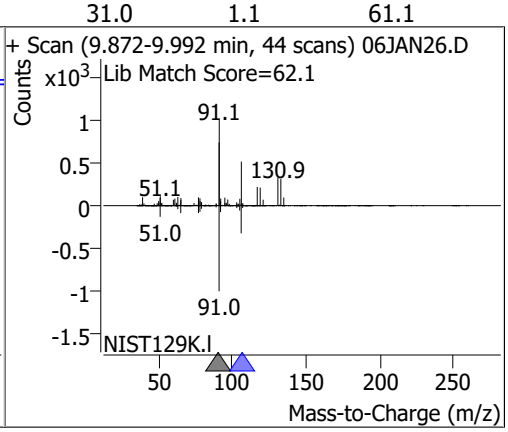




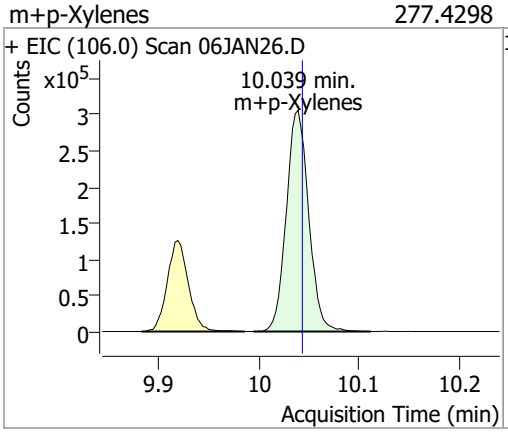
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	135.5387	9.92	0.00	596411	106.0	31.0	1.1	61.1

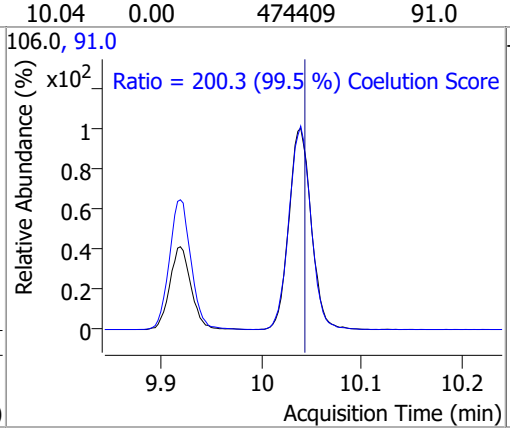


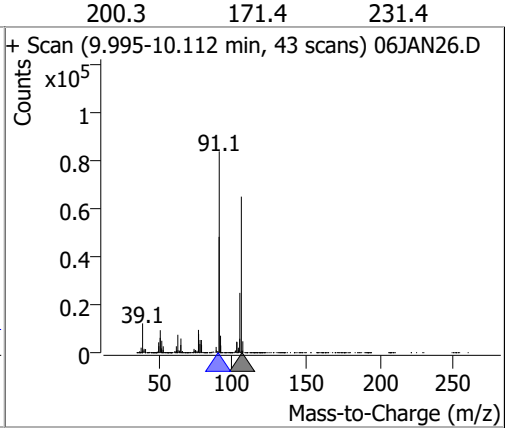




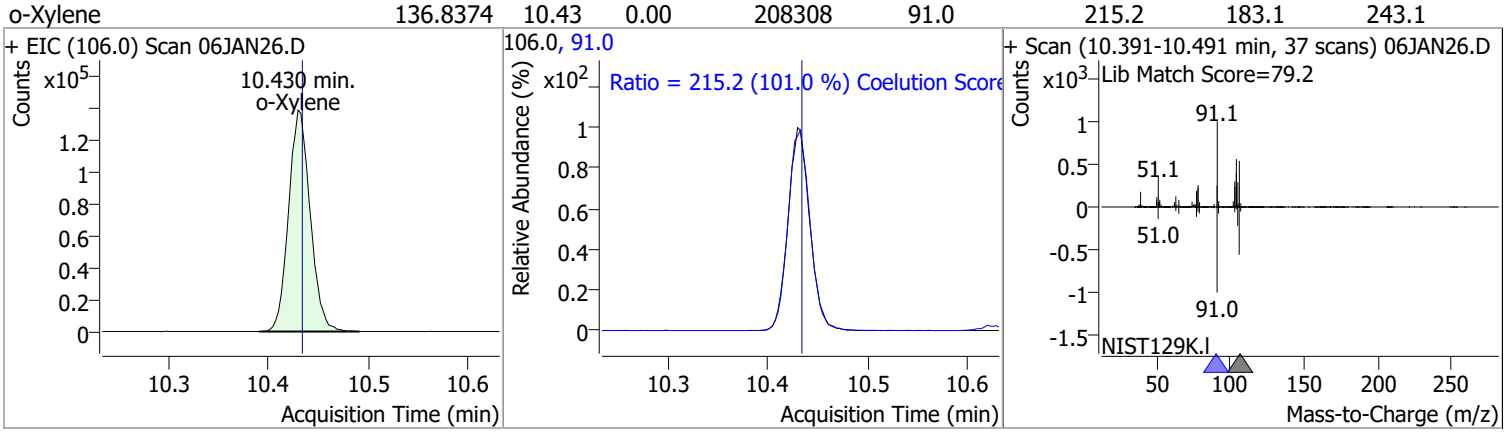
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	277.4298	10.04	0.00	474409	91.0	200.3	171.4	231.4



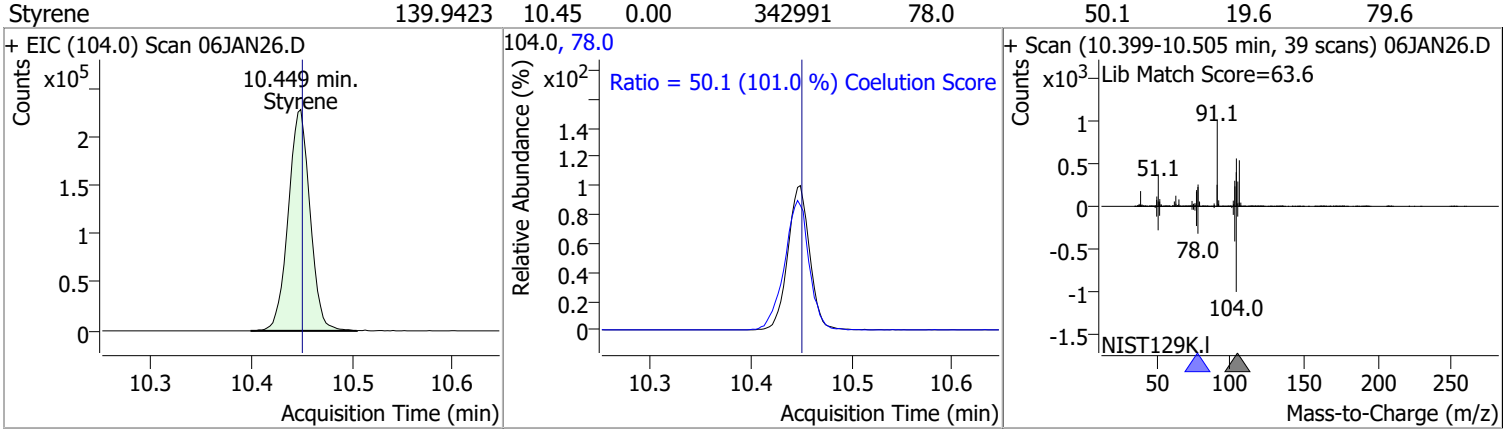




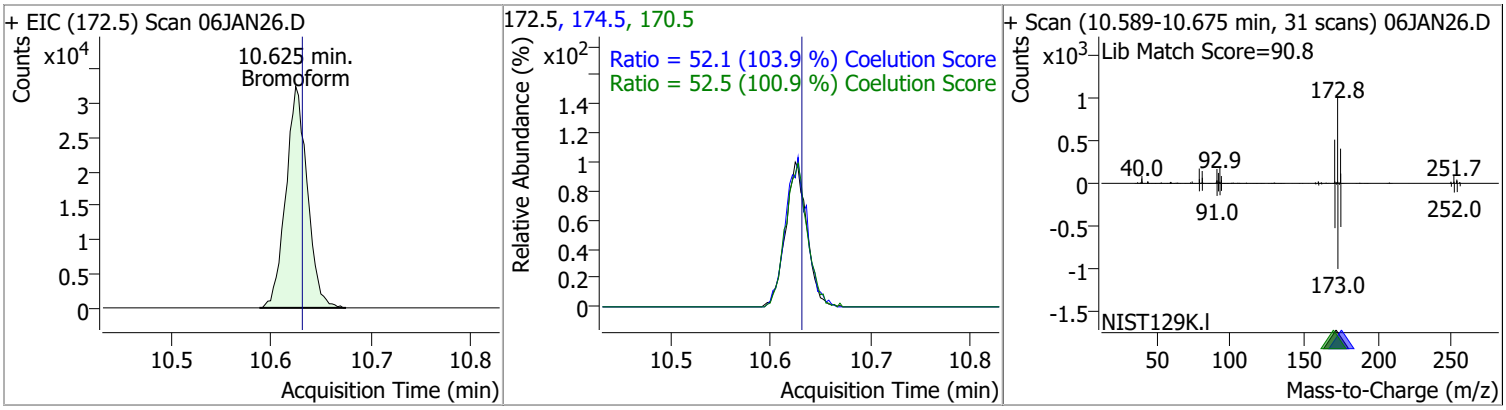
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	136.8374	10.43	0.00	208308	91.0	215.2	183.1	243.1



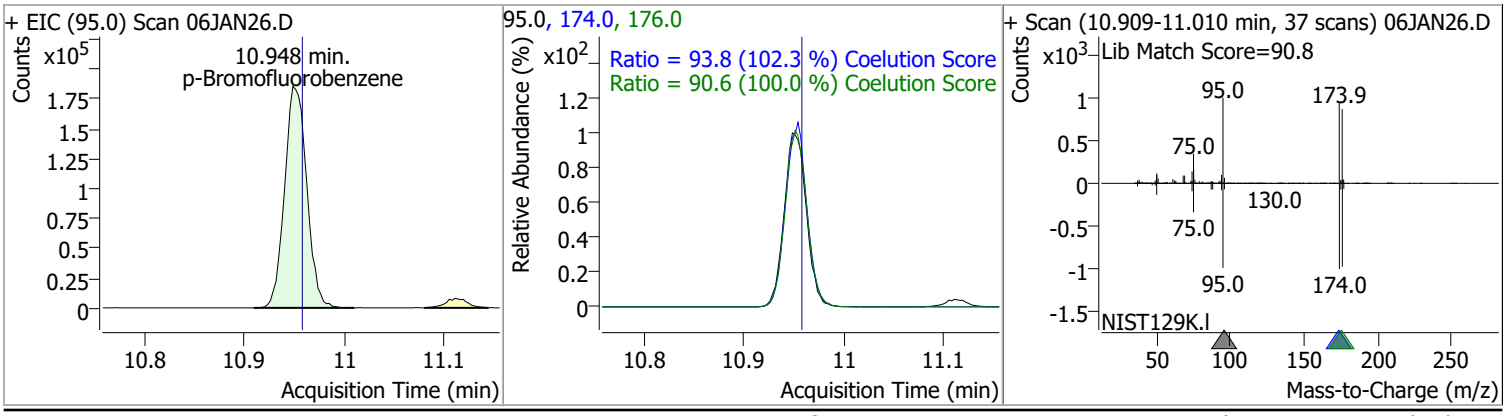
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	139.9423	10.45	0.00	342991	78.0	50.1	19.6	79.6



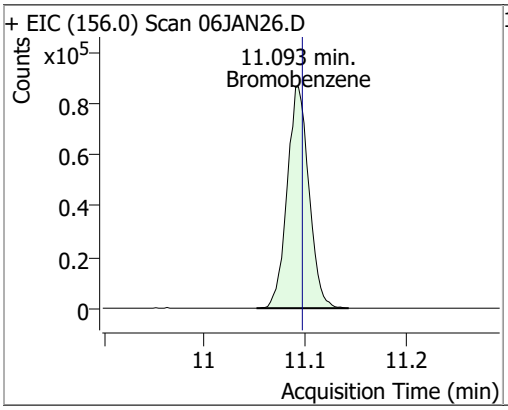
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	129.3507	10.62	0.00	48234	170.5	52.5	22.1	82.1
					174.5	52.1	20.1	80.1

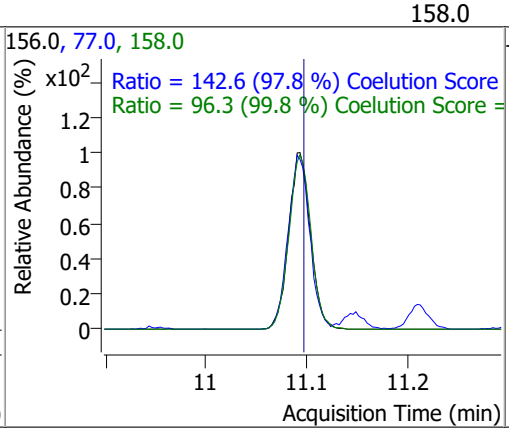


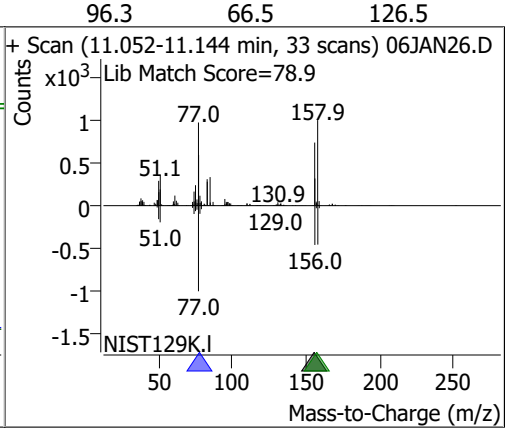
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	266.6691	10.95	-0.01	284682	174.0	93.8	61.7	121.7
					176.0	90.6	60.6	120.6



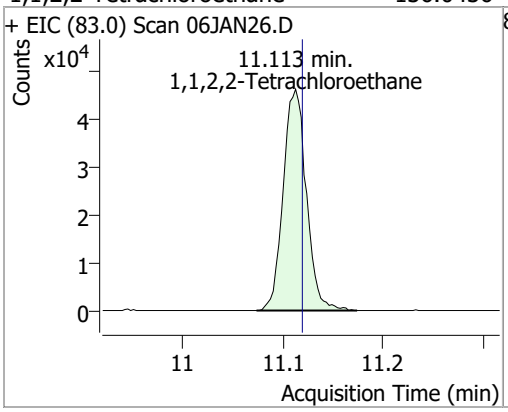
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	138.5297	11.09	0.00	130640	77.0	142.6	115.7	175.7
					158.0	96.3	66.5	126.5

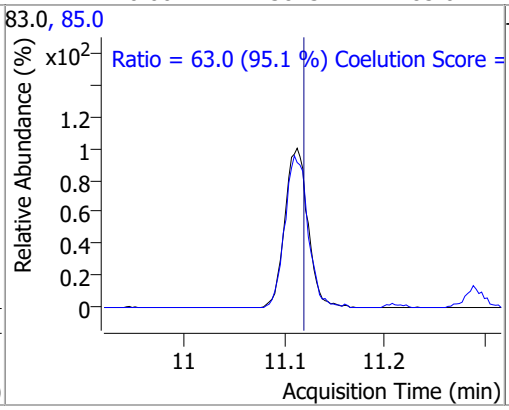


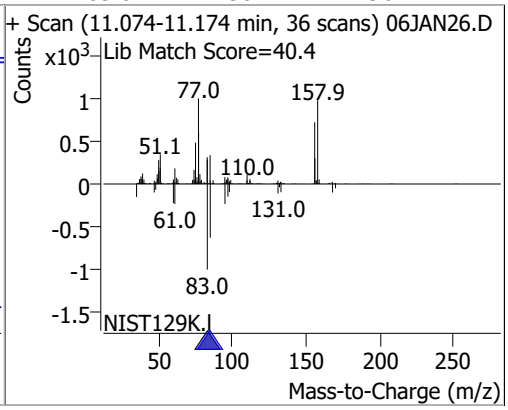




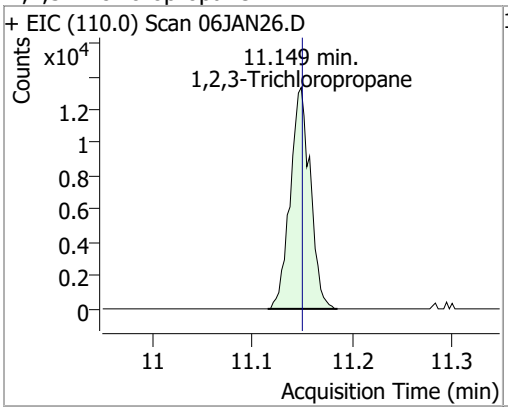
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	136.0436	11.11	0.00	73843	85.0	63.0	36.2	96.2

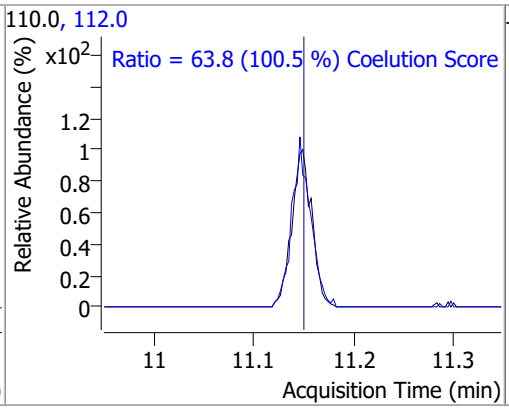


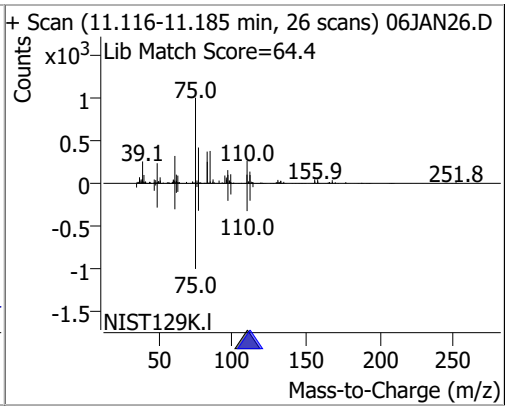




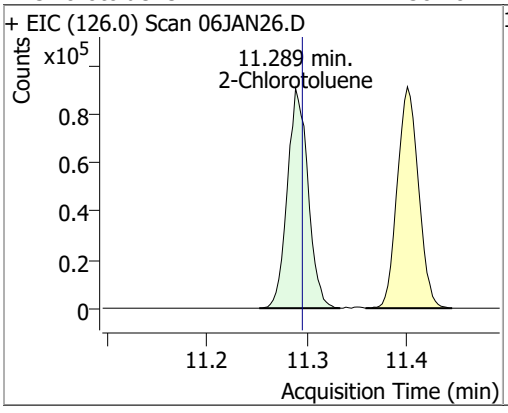
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	127.4277	11.15	0.00	18507	112.0	63.8	33.5	93.5

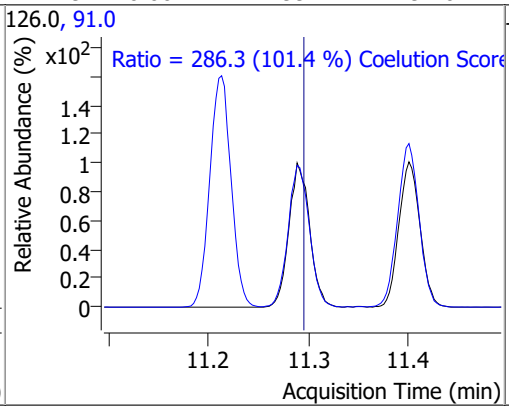


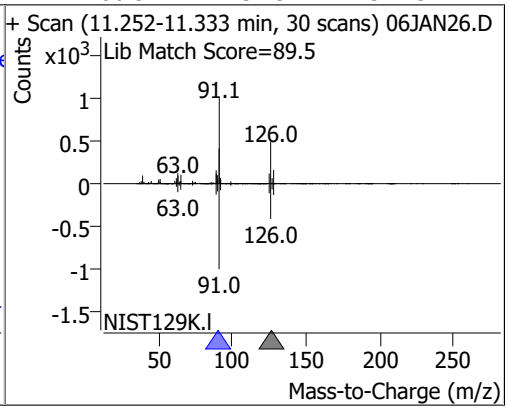




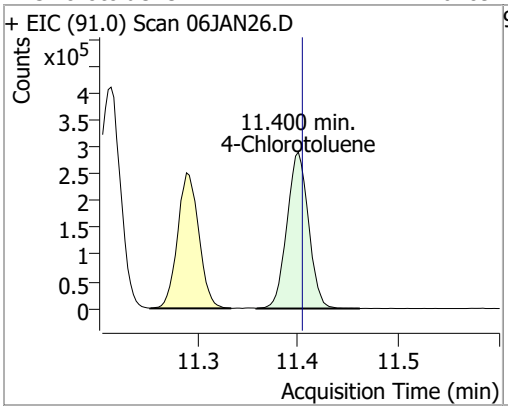
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	138.4877	11.29	0.00	129947	91.0	286.3	252.3	312.3

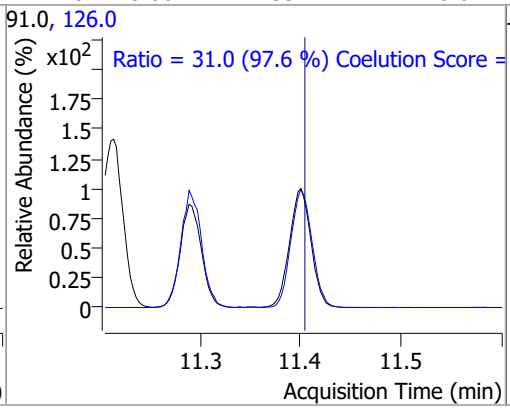


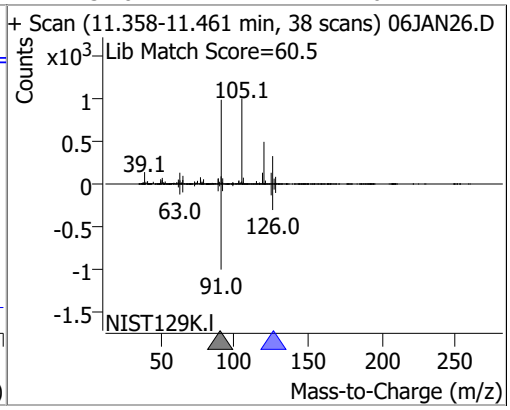




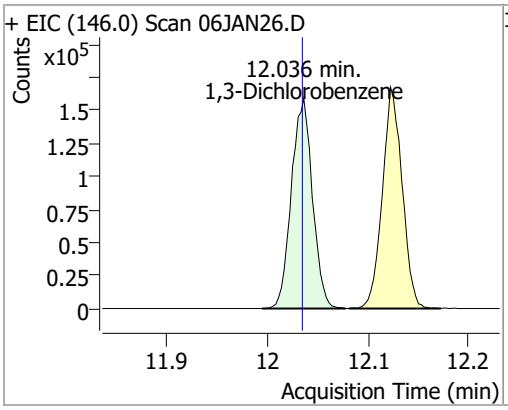
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	141.6209	11.40	0.00	433271	126.0	31.0	1.7	61.7

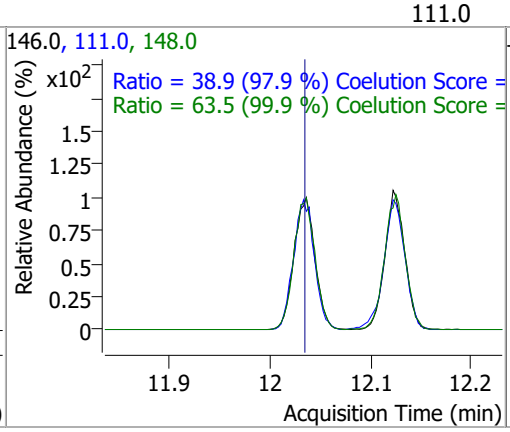


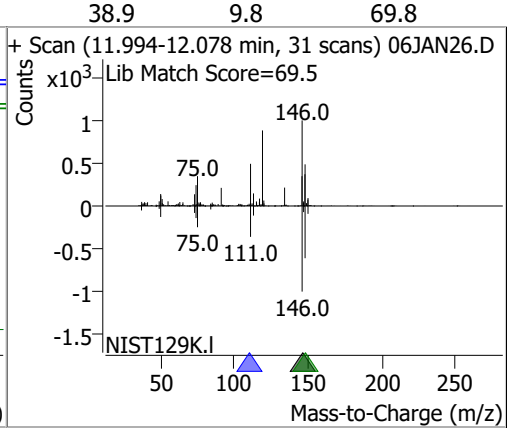




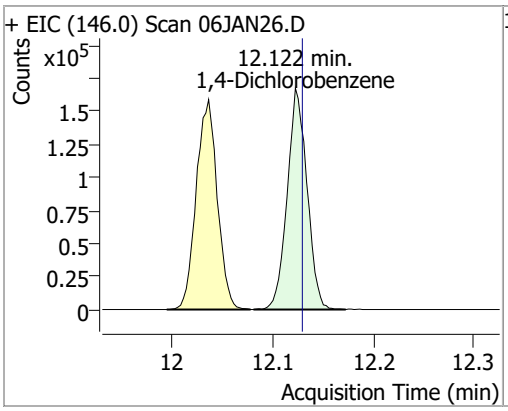
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	134.6726	12.04	0.01	231627	148.0	63.5	33.6	93.6
					111.0	38.9	9.8	69.8

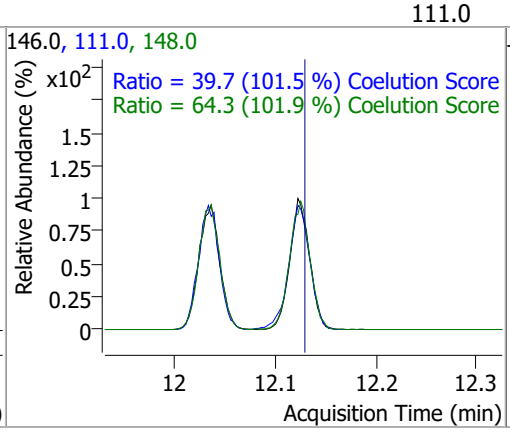


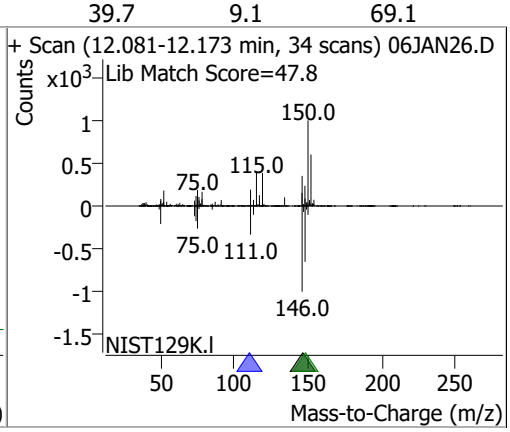




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	130.9137	12.12	0.00	229586	148.0	64.3	33.1	93.1
					111.0	39.7	9.1	69.1

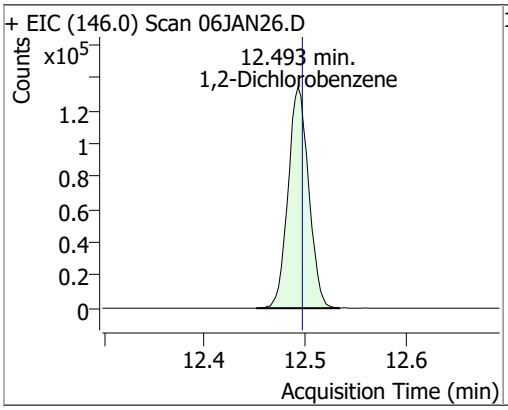


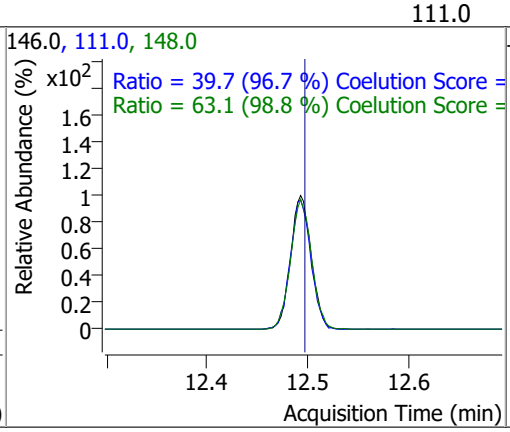


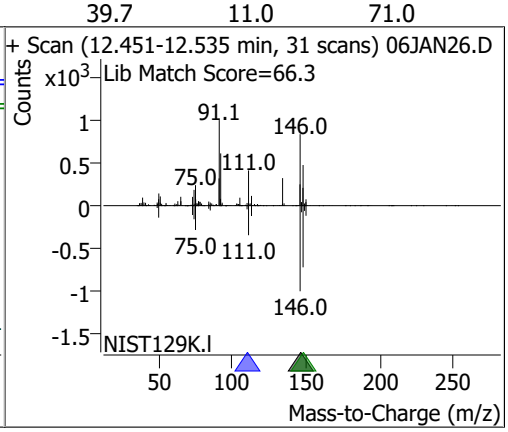


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	131.8218	12.49	0.00	191609	148.0	63.1	33.9	93.9
					111.0	39.7	11.0	71.0







Batch name and path: D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	1/6/2022 10:08:02 AM	Create new batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/6/2022 10:08:44 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN02.D, D:\Org\Data\VOA5975C\VG010622\06JAN01.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 10:08:48 AM	Set SampleType = TuneCheck for sample 06JAN02.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\mchavez	1/6/2022 10:11:30 AM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/6/2022 10:45:34 AM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/6/2022 10:45:59 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN03.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 10:46:02 AM	Set SampleType = CC for sample 06JAN03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 10:46:06 AM	Set LevelName = CC for sample 06JAN03.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/6/2022 10:46:08 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	1/6/2022 10:46:26 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\mchavez	1/6/2022 10:46:28 AM	Import method from batch D:\Org\Data\VOA5975C\VG010522\VG010522_8260B.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/6/2022 10:49:36 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/6/2022 10:49:36 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/6/2022 10:49:37 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/6/2022 10:49:41 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/6/2022 10:55:09 AM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/6/2022 11:15:35 AM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/6/2022 11:24:41 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN04.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 11:24:46 AM	Set SampleType = QC for sample 06JAN04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 11:24:48 AM	Set LevelName = qc for sample 06JAN04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 11:24:54 AM	Set LevelName = for sample 06JAN04.D; previous value = qc			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 11:24:58 AM	Set LevelName = QC for sample 06JAN04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/6/2022 11:25:00 AM	Set SampleInformation = LCSA for sample 06JAN04.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/6/2022 11:25:04 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/6/2022 11:25:16 AM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\ashaules	1/6/2022 12:19:40 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\ashaules	1/6/2022 12:20:02 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN07.D, D:\Org\Data\VOA5975C\VG010622\06JAN06.D, D:\Org\Data\VOA5975C\VG010622\06JAN05.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: There were problems with adding one or more samples: Invalid Mass Hunter data you may need to translate it first:D:\Org\Data\VOA5975C\VG010622\06JAN07.D at Agilent.MassSpectrometry.DataAnalysis.Quantitative.BatchDataSet.ImportSamplesUsingWorklistData(String[] sampleDirectories, Int16 batchId) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdImportSamplesFromWorklist.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdImportSamplesFromWorklist	BL2000\ashaules	1/6/2022 12:20:17 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN06.D			✓	
CmdSetSampleAttribute	BL2000\ashaules	1/6/2022 12:20:21 PM	Set SampleType = Blank for sample 06JAN06.D; previous value = Sample			✓	
CmdQuantitate	BL2000\ashaules	1/6/2022 12:20:26 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\ashaules	1/6/2022 12:22:27 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\mchavez	1/6/2022 1:15:56 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/6/2022 1:16:19 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN05.D, D:\Org\Data\VOA5975C\VG010622\06JAN07.D			✓	
CmdQuantitate	BL2000\mchavez	1/6/2022 1:16:28 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/6/2022 2:13:49 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/6/2022 2:52:41 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/6/2022 2:53:30 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN11.D, D:\Org\Data\VOA5975C\VG010622\06JAN10.D, D:\Org\Data\VOA5975C\VG010622\06JAN09.D, D:\Org\Data\VOA5975C\VG010622\06JAN08.D			✓	
CmdQuantitate	BL2000\mchavez	1/6/2022 2:53:41 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/6/2022 2:56:27 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/6/2022 6:00:06 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/6/2022 6:00:43 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN14.D, D:\Org\Data\VOA5975C\VG010622\06JAN13.D, D:\Org\Data\VOA5975C\VG010622\06JAN12.D			✓	
CmdQuantitate	BL2000\mchavez	1/6/2022 6:00:57 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/6/2022 6:01:42 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdSaveBatchTable	BL2000\mchavez	1/6/2022 6:02:25 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/7/2022 8:00:49 AM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	1/7/2022 8:02:29 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG010622\06JAN27.D, D:\Org\Data\VOA5975C\VG010622\06JAN26.D, D:\Org\Data\VOA5975C\VG010622\06JAN25.D, D:\Org\Data\VOA5975C\VG010622\06JAN24.D, D:\Org\Data\VOA5975C\VG010622\06JAN23.D, D:\Org\Data\VOA5975C\VG010622\06JAN22.D, D:\Org\Data\VOA5975C\VG010622\06JAN21.D, D:\Org\Data\VOA5975C\VG010622\06JAN20.D, D:\Org\Data\VOA5975C\VG010622\06JAN19.D, D:\Org\Data\VOA5975C\VG010622\06JAN18.D, D:\Org\Data\VOA5975C\VG010622\06JAN17.D, D:\Org\Data\VOA5975C\VG010622\06JAN16.D, D:\Org\Data\VOA5975C\VG010622\06JAN15.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:02:40 AM	Set SampleType = CC for sample 06JAN26.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:02:50 AM	Set LevelName = CC for sample 06JAN26.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/7/2022 8:03:06 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:03:25 AM	Set SampleType = Matrix for sample 06JAN23.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:03:31 AM	Set SampleType = MatrixDup for sample 06JAN24.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:03:38 AM	Set SampleInformation = MatrixA for sample 06JAN23.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:03:42 AM	Set SampleInformation = MatrixA for sample 06JAN24.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:04:05 AM	Set MatrixSpikeGroup = 1 for sample 06JAN23.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:04:08 AM	Set MatrixSpikeGroup = 1 for sample 06JAN24.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:04:12 AM	Set MatrixSpikeGroup = 1 for sample 06JAN14.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/7/2022 8:04:19 AM	Set SampleType = MatrixBlank for sample 06JAN14.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	1/7/2022 8:04:37 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/7/2022 8:26:32 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 06JAN20.D from x, y = 10.603, 0 to 10.667, 0; result = 1189			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/7/2022 8:26:35 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 06JAN20.D from x, y = 10.583, 0 to 10.667, 0; result = 1228			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/7/2022 8:26:43 AM	Manually integrate compound Bromoform in sample 06JAN19.D from x, y = 10.583, 0 to 10.681, 0; result = 2397			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/7/2022 8:26:47 AM	Set UserAnnotation = NI for compound Bromoform in sample 06JAN19.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/7/2022 8:26:50 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 06JAN19.D from x, y = 10.591, 0 to 10.675, 0; result = 1176			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/7/2022 8:26:53 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 06JAN19.D from x, y = 10.572, 0 to 10.681, 0; result = 1242			✓	
CmdSaveBatchTable	BL2000\mchavez	1/7/2022 8:27:15 AM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/9/2022 9:06:24 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	1/9/2022 9:06:38 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	1/9/2022 9:06:39 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/9/2022 9:06:51 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/9/2022 9:06:52 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/9/2022 9:06:52 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/9/2022 9:07:07 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/9/2022 9:08:36 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/11/2022 9:08:00 AM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	1/11/2022 9:08:12 AM	Start method editing			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportMethodFromFile	BL2000\mchavez	1/11/2022 9:08:13 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/11/2022 9:08:25 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/11/2022 9:08:25 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/11/2022 9:08:25 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 9:08:45 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/11/2022 9:20:38 AM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/11/2022 9:37:19 AM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	1/11/2022 9:37:38 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/11/2022 9:37:38 AM	Import method from sample 06JAN01.D			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/11/2022 9:38:07 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/11/2022 9:38:07 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/11/2022 9:38:08 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 9:38:27 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/11/2022 9:50:54 AM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/11/2022 10:20:13 AM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 10:20:19 AM	Set SampleApproved = True for sample 06JAN02.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	1/11/2022 10:34:39 AM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/11/2022 11:47:37 AM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:48:13 AM	Manually integrate compound Chloromethane in sample 06JAN07.D from x, y = 1.381, 0 to 1.459, 0; result = 1221			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:48:16 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN07.D from x, y = 1.386, 0 to 1.439, 0; result = 253			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:48:31 AM	Manually integrate compound Methylene chloride in sample 06JAN07.D from x, y = 3.283, 0 to 3.366, 0; result = 1400			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:48:31 AM	Manually integrate compound Methylene chloride in sample 06JAN07.D, from x, y = 3.383, 0 to 3.400, 0, result = 0; previous integration is from x, y = 3.283, 0 to 3.366, 0 and previous response = 1400.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:48:34 AM	Manually integrate compound Methylene chloride in sample 06JAN07.D, from x, y = 3.277, 0 to 3.383, 0, result = 1400; previous integration is from x, y = 3.383, 0 to 3.400, 0 and previous response = 0.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:48:36 AM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN07.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:48:41 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN07.D from x, y = 3.294, 0 to 3.400, 0; result = 1060			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:48:43 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN07.D from x, y = 3.291, 0 to 3.377, 0; result = 473			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:49:03 AM	Manually integrate compound Chloroform in sample 06JAN07.D from x, y = 5.625, 0 to 5.711, 0; result = 232			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:49:05 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN07.D from x, y = 5.636, 0 to 5.675, 0; result = 35			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 11:49:11 AM	Zero out primary peak of compound Chloroform in sample 06JAN07.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:49:30 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform for sample 06JAN07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:49:51 AM	Manually integrate compound Toluene in sample 06JAN07.D from x, y = 8.361, 0 to 8.422, 0; result = 927			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:49:54 AM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN07.D from x, y = 8.355, 0 to 8.408, 0; result = 1152			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 11:49:59 AM	Zero out primary peak of compound Toluene in sample 06JAN07.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:50:17 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform, Toluene for sample 06JAN07.D; previous value = Qualifier ratio did not meet method criteria for Chloroform			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:50:46 AM	Set SampleApproved = True for sample 06JAN07.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:51:06 AM	Manually integrate compound Ethylbenzene in sample 06JAN08.D from x, y = 9.897, 0 to 9.956, 0; result = 321			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:51:08 AM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 06JAN08.D from x, y = 9.911, 0 to 9.961, 0; result = 48			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:51:38 AM	Set UserAnnotation = NI for compound Ethylbenzene in sample 06JAN08.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:52:20 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN08.D from x, y = 1.383, 0 to 1.459, 0; result = 1004			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:52:26 AM	Set SampleApproved = True for sample 06JAN08.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:52:46 AM	Manually integrate compound Chloromethane in sample 06JAN09.D from x, y = 1.375, 0 to 1.459, 0; result = 813			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:52:48 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN09.D from x, y = 1.367, 0 to 1.445, 0; result = 280			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:52:59 AM	Manually integrate compound Methylene chloride in sample 06JAN09.D from x, y = 3.294, 0 to 3.374, 0; result = 1218			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:53:01 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN09.D from x, y = 3.302, 0 to 3.374, 0; result = 639			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:53:04 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN09.D from x, y = 3.310, 0 to 3.372, 0; result = 196			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:53:33 AM	Manually integrate compound Toluene in sample 06JAN09.D from x, y = 8.358, 0 to 8.405, 0; result = 1299			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:53:37 AM	Set UserAnnotation = NI for compound Toluene in sample 06JAN09.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:53:52 AM	Manually integrate compound m+p-Xylenes in sample 06JAN09.D from x, y = 10.020, 0 to 10.059, 0; result = 67			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:53:54 AM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 06JAN09.D from x, y = 10.009, 0 to 10.064, 0; result = 355			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 11:53:56 AM	Zero out primary peak of compound m+p-Xylenes in sample 06JAN09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:54:05 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform, Toluene for sample 06JAN09.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:54:17 AM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 06JAN09.D; previous value = Qualifier ratio did not meet method criteria for Chloroform, Toluene			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:54:39 AM	Set SampleApproved = True for sample 06JAN09.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:55:07 AM	Manually integrate compound Toluene in sample 06JAN10.D, from x, y = 8.336, 0 to 8.419, 0, result = 2846; previous integration is from x, y = 8.377, 0 to 8.419, 0 and previous response = 2128.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:55:09 AM	Set UserAnnotation = LT for compound Toluene in sample 06JAN10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:55:24 AM	Manually integrate compound Benzene in sample 06JAN10.D from x, y = 6.252, 0 to 6.305, 0; result = 316			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:55:27 AM	Manually integrate qualifier77.0 of compound Benzene in sample 06JAN10.D from x, y = 6.247, 0 to 6.300, 0; result = 95			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:55:50 AM	Manually integrate compound Chloromethane in sample 06JAN10.D from x, y = 1.378, 0 to 1.453, 0; result = 1834			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:55:53 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN10.D from x, y = 1.378, 0 to 1.450, 0; result = 437			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:55:56 AM	Set SampleApproved = True for sample 06JAN10.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:56:02 AM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN10.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:56:17 AM	Manually integrate compound Chloromethane in sample 06JAN11.D from x, y = 1.389, 3 to 1.459, 0; result = 1786			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:56:21 AM	Manually integrate compound Chloromethane in sample 06JAN11.D, from x, y = 1.325, 78 to 1.372, 0, result = -48; previous integration is from x, y = 1.389, 3 to 1.459, 0 and previous response = 1786.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:56:23 AM	Manually integrate compound Chloromethane in sample 06JAN11.D, from x, y = 1.325, 78 to 1.456, 0, result = 1642; previous integration is from x, y = 1.325, 78 to 1.372, 0 and previous response = -48.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:56:27 AM	Manually integrate compound Chloromethane in sample 06JAN11.D, from x, y = 1.367, 0 to 1.456, 0, result = 1885; previous integration is from x, y = 1.325, 78 to 1.456, 0 and previous response = 1642.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:56:29 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN11.D from x, y = 1.386, 0 to 1.456, 0; result = 673			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:56:31 AM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:56:44 AM	Manually integrate compound Methylene chloride in sample 06JAN11.D from x, y = 3.285, 0 to 3.388, 0; result = 1353			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:56:46 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN11.D from x, y = 3.296, 0 to 3.388, 0; result = 666			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:56:48 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN11.D from x, y = 3.291, 0 to 3.394, 0; result = 453			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:56:56 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:57:10 AM	Manually integrate compound Chloroform in sample 06JAN11.D from x, y = 5.619, 0 to 5.711, 0; result = 150			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:57:12 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN11.D from x, y = 5.625, 0 to 5.695, 0; result = 106			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:57:19 AM	Set UserAnnotation = NI for compound Chloroform in sample 06JAN11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:57:27 AM	Manually integrate compound Benzene in sample 06JAN11.D from x, y = 6.252, 0 to 6.319, 0; result = 468			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:57:29 AM	Manually integrate qualifier77.0 of compound Benzene in sample 06JAN11.D from x, y = 6.258, 0 to 6.294, 0; result = 39			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:57:45 AM	Manually integrate compound Chlorodibromomethane in sample 06JAN11.D from x, y = 9.175, 0 to 9.222, 0; result = 285			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:57:47 AM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 06JAN11.D from x, y = 9.178, 0 to 9.228, 0; result = 131			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 11:57:49 AM	Zero out primary peak of compound Chlorodibromomethane in sample 06JAN11.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:58:09 AM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 06JAN11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:58:19 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Chlorodibromomethane for sample 06JAN11.D; previous value = Qualifier ratio did not meet method criteria for m+p Xylenes			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 11:58:36 AM	Manually integrate compound Ethylbenzene in sample 06JAN11.D from x, y = 9.903, 0 to 9.939, 0; result = 258			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 11:58:37 AM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 06JAN11.D from x, y = 9.905, 0 to 9.939, 0; result = 113			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 11:58:41 AM	Set UserAnnotation = NI for compound Ethylbenzene in sample 06JAN11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 11:59:59 AM	Set SampleApproved = True for sample 06JAN11.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:00:08 PM	Set UserAnnotation = NI for compound Benzene in sample 06JAN11.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	1/11/2022 12:05:47 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\mchavez	1/11/2022 12:27:38 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:27:59 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN12.D from x, y = 1.372, 0 to 1.439, 0; result = 929			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:28:11 PM	Manually integrate compound Methylene chloride in sample 06JAN12.D from x, y = 3.299, 0 to 3.349, 2; result = 1198			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:28:13 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN12.D from x, y = 3.316, 0 to 3.405, 0; result = 993			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:28:17 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN12.D from x, y = 3.296, 0 to 3.375, 0; result = 457			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:28:19 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN12.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:29:39 PM	Manually integrate compound Chloroform in sample 06JAN12.D from x, y = 5.622, 0 to 5.684, 0; result = 191			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:29:40 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN12.D from x, y = 5.617, 0 to 5.684, 0; result = 65			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:29:43 PM	Zero out primary peak of compound Chloroform in sample 06JAN12.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:29:54 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform, Toluene for sample 06JAN12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:30:11 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform for sample 06JAN12.D; previous value = Qualifier ratio did not meet method criteria for Chloroform, Toluene			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:31:14 PM	Manually integrate compound m+p-Xylenes in sample 06JAN12.D from x, y = 10.014, 0 to 10.070, 0; result = 95			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:31:15 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 06JAN12.D from x, y = 10.012, 0 to 10.067, 0; result = 385			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:31:18 PM	Zero out primary peak of compound m+p-Xylenes in sample 06JAN12.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:31:30 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform, m+p Xylenes for sample 06JAN12.D; previous value = Qualifier ratio did not meet method criteria for Chloroform			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:31:52 PM	Set SampleApproved = True for sample 06JAN12.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:32:19 PM	Manually integrate compound Chlorodibromomethane in sample 06JAN13.D from x, y = 9.178, 0 to 9.267, 0; result = 564			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:32:21 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 06JAN13.D from x, y = 9.183, 0 to 9.233, 0; result = 282			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:32:25 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 06JAN13.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:32:50 PM	Manually integrate compound Chloroform in sample 06JAN13.D from x, y = 5.622, 0 to 5.706, 0; result = 171			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:32:53 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN13.D from x, y = 5.628, 0 to 5.700, 0; result = 157			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:33:11 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN13.D from x, y = 1.361, 0 to 1.425, -16; result = 1151			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:33:18 PM	Set SampleApproved = True for sample 06JAN13.D; previous value = False			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:33:34 PM	Manually integrate qualifier78.0 of compound Styrene in sample 06JAN14.D from x, y = 10.413, 0 to 10.483, 0; result = 692			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:33:45 PM	Manually integrate compound Chloromethane in sample 06JAN14.D from x, y = 1.381, 0 to 1.445, 0; result = 1349			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:33:46 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN14.D from x, y = 1.378, 0 to 1.423, -1; result = 264			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:33:58 PM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN14.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:34:08 PM	Manually integrate compound Methylene chloride in sample 06JAN14.D from x, y = 3.299, 0 to 3.375, 0; result = 697			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:34:10 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN14.D from x, y = 3.285, 0 to 3.372, 0; result = 578			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:34:12 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN14.D from x, y = 3.294, 0 to 3.375, 0; result = 140			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:34:15 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN14.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:34:34 PM	Manually integrate compound Benzene in sample 06JAN14.D from x, y = 6.230, 0 to 6.319, 0; result = 520			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:34:36 PM	Manually integrate qualifier77.0 of compound Benzene in sample 06JAN14.D from x, y = 6.258, 0 to 6.314, 0; result = 96			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:34:39 PM	Set UserAnnotation = NI for compound Benzene in sample 06JAN14.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:34:51 PM	Manually integrate compound Toluene in sample 06JAN14.D from x, y = 8.352, 0 to 8.416, 0; result = 1367			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:34:57 PM	Set UserAnnotation = NI for compound Toluene in sample 06JAN14.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:35:11 PM	Manually integrate compound Ethylbenzene in sample 06JAN14.D from x, y = 9.900, 0 to 9.953, 0; result = 1429			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:35:13 PM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 06JAN14.D from x, y = 9.889, 0 to 9.945, 0; result = 307			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:35:36 PM	Set SampleApproved = True for sample 06JAN14.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:35:42 PM	Set UserAnnotation = NI for compound Ethylbenzene in sample 06JAN14.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 12:36:14 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:36:28 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN15.D from x, y = 5.600, 0 to 5.717, 0; result = 1817			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:36:36 PM	Manually integrate compound Chloromethane in sample 06JAN15.D from x, y = 1.369, 0 to 1.450, 0; result = 1261			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:36:38 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN15.D from x, y = 1.389, 0 to 1.442, 0; result = 454			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:36:46 PM	Manually integrate compound Vinyl chloride in sample 06JAN15.D from x, y = 1.456, 0 to 1.512, 0; result = 135			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:36:50 PM	Zero out primary peak of compound Vinyl chloride in sample 06JAN15.D			✓	
CmdClearManualIntegration	BL2000\mchavez	1/11/2022 12:36:51 PM	Clear manual integration of target signal for compound Vinyl chloride in sample 06JAN15.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:37:02 PM	Manually integrate compound Chloroethane in sample 06JAN15.D from x, y = 1.869, 0 to 1.941, 0; result = 1391			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:37:04 PM	Manually integrate qualifier66.0 of compound Chloroethane in sample 06JAN15.D from x, y = 1.869, 0 to 1.924, 0; result = 108			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:37:07 PM	Set UserAnnotation = NI for compound Chloroethane in sample 06JAN15.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:37:11 PM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN15.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:37:19 PM	Manually integrate compound Methylene chloride in sample 06JAN15.D from x, y = 3.280, 0 to 3.386, 0; result = 1099			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:37:20 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN15.D from x, y = 3.296, 0 to 3.419, 0; result = 655			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:37:22 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN15.D from x, y = 3.294, 0 to 3.375, 0; result = 492			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/11/2022 12:37:26 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN15.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/11/2022 12:37:41 PM	Manually integrate compound Benzene in sample 06JAN15.D from x, y = 6.225, 0 to 6.356, 0; result = 958			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:37:43 PM	Manually integrate qualifier77.0 of compound Benzene in sample 06JAN15.D from x, y = 6.233, 0 to 6.314, 0; result = 185			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:37:57 PM	Manually integrate compound Toluene in sample 06JAN15.D from x, y = 8.352, 0 to 8.411, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22010148-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22010148-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:38:01 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN15.D from x, y = 8.352, 0 to 8.428, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:38:05 PM	Manually integrate compound Toluene in sample 06JAN15.D from x, y = 8.363, 0 to 8.416, 0; result = 426			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:38:08 PM	Set UserAnnotation = NI for compound Toluene in sample 06JAN15.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:38:10 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN15.D from x, y = 8.349, 0 to 8.416, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:38:14 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN15.D from x, y = 8.355, 0 to 8.416, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:38:19 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN15.D from x, y = 8.375, 16 to 8.416, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010148-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:38:22 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN15.D from x, y = 8.366, 128 to 8.416, 119; result = 171			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/11/2022 12:38:28 PM	Drop baseline for qualifier 91.0 of compound Toluene in sample 06JAN15.D to y = 119, new integration is from x, y = 8.366, 119 to 8.416, 119 and new response = 185; previous integration is from x, y = 8.366, 128 to 8.416, 119 and previous response = 171.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:38:31 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN15.D, from x, y = 8.366, 119 to 8.419, 0, result = 354; previous integration is from x, y = 8.366, 119 to 8.416, 119 and previous response = 185.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/11/2022 12:38:34 PM	Drop baseline for qualifier 91.0 of compound Toluene in sample 06JAN15.D to y = 0, new integration is from x, y = 8.366, 0 to 8.419, 0 and new response = 543; previous integration is from x, y = 8.366, 119 to 8.419, 0 and previous response = 354.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:38:39 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN15.D, from x, y = 8.347, 0 to 8.419, 0, result = 575; previous integration is from x, y = 8.366, 0 to 8.419, 0 and previous response = 543.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:38:45 PM	Set UserAnnotation = for compound Toluene in sample 06JAN15.D; previous value = NI			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:38:47 PM	Manually integrate compound Toluene in sample 06JAN15.D, from x, y = 8.542, 489 to 8.553, 489, result = -327; previous integration is from x, y = 8.363, 0 to 8.416, 0 and previous response = 426.			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:38:48 PM	Zero out primary peak of compound Toluene in sample 06JAN15.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:39:02 PM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 06JAN15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:39:10 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 06JAN15.D; previous value = Qualifier ratio did not meet method criteria for m+p Xylenes			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:39:29 PM	Set UserAnnotation = NI for compound Benzene in sample 06JAN15.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:39:38 PM	Manually integrate compound 1,3-Dichloropropane in sample 06JAN15.D from x, y = 8.966, 0 to 9.002, 0; result = 125			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:39:40 PM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 06JAN15.D from x, y = 8.971, 0 to 9.019, 0; result = 27			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:39:52 PM	Manually integrate compound m+p-Xylenes in sample 06JAN15.D from x, y = 10.020, 0 to 10.067, 0; result = 302			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:39:54 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 06JAN15.D from x, y = 10.009, 0 to 10.078, 0; result = 700			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:40:08 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene, m+p Xylenes for sample 06JAN15.D; previous value = Qualifier ratio did not meet method criteria for Toluene			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:40:14 PM	Zero out primary peak of compound m+p-Xylenes in sample 06JAN15.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:40:18 PM	Manually integrate compound o-Xylene in sample 06JAN15.D from x, y = 10.402, 0 to 10.455, 0; result = 188			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:40:20 PM	Manually integrate qualifier91.0 of compound o-Xylene in sample 06JAN15.D from x, y = 10.405, 0 to 10.460, 0; result = 420			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:40:24 PM	Set UserAnnotation = NI for compound o-Xylene in sample 06JAN15.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:40:42 PM	Set SampleApproved = True for sample 06JAN15.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:41:14 PM	Manually integrate compound Toluene in sample 06JAN16.D from x, y = 8.372, 0 to 8.405, 0; result = 158			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:41:16 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN16.D from x, y = 8.361, -39 to 8.416, -39; result = 0			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:41:18 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN16.D, from x, y = 8.355, 38 to 8.416, 0, result = 0; previous integration is from x, y = 8.586, -39 to 8.586, -39 and previous response = 0.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010209-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010209-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:41:23 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN16.D, from x, y = 8.355, 0 to 8.416, 0, result = 0; previous integration is from x, y = 8.586, -39 to 8.586, -39 and previous response = 0.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010209-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010209-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:41:27 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN16.D, from x, y = 8.355, 0 to 8.419, 0, result = 0; previous integration is from x, y = 8.586, -39 to 8.586, -39 and previous response = 0.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010209-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010209-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:41:31 PM	Zero out qualifier peak of compound Toluene 91.0 in sample 06JAN16.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:41:33 PM	Zero out primary peak of compound Toluene in sample 06JAN16.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:41:45 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene, m+p Xylenes for sample 06JAN16.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:41:49 PM	Manually integrate compound m+p-Xylenes in sample 06JAN16.D from x, y = 10.025, 0 to 10.067, 0; result = 33			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:41:51 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 06JAN16.D from x, y = 10.025, 0 to 10.062, 0; result = 156			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:41:53 PM	Zero out primary peak of compound m+p-Xylenes in sample 06JAN16.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:42:16 PM	Manually integrate compound Chloroform in sample 06JAN16.D from x, y = 5.625, 0 to 5.695, 0; result = 168			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:42:18 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN16.D from x, y = 5.631, 0 to 5.697, 0; result = 69			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:42:21 PM	Set UserAnnotation = NI for compound Chloroform in sample 06JAN16.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:42:33 PM	Manually integrate compound Methylene chloride in sample 06JAN16.D from x, y = 3.296, 0 to 3.366, 0; result = 1033			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:42:34 PM	Manually integrate compound Methylene chloride in sample 06JAN16.D, from x, y = 3.296, 0 to 3.383, 0, result = 1033; previous integration is from x, y = 3.296, 0 to 3.366, 0 and previous response = 1033.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:42:37 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN16.D from x, y = 3.263, 0 to 3.394, 0; result = 326			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:42:39 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN16.D from x, y = 3.322, 0 to 3.366, 0; result = 82			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:42:42 PM	Zero out primary peak of compound Methylene chloride in sample 06JAN16.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:42:52 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene, m+p Xylenes, Methylene chloride for sample 06JAN16.D; previous value = Qualifier ratio did not meet method criteria for Toluene, m+p Xylenes			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:43:04 PM	Set SampleApproved = True for sample 06JAN16.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 12:43:18 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:43:34 PM	Manually integrate compound Chloromethane in sample 06JAN17.D from x, y = 1.384, 0 to 1.425, -12; result = 1110			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:43:39 PM	Manually integrate compound Chloromethane in sample 06JAN17.D, from x, y = 1.384, 0 to 1.434, 0, result = 1094; previous integration is from x, y = 1.384, 0 to 1.425, -12 and previous response = 1110.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:43:42 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN17.D from x, y = 1.384, 0 to 1.431, 0; result = 94			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:43:55 PM	Manually integrate compound Methylene chloride in sample 06JAN17.D from x, y = 3.297, 0 to 3.366, 0; result = 699			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:43:57 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN17.D from x, y = 3.280, 0 to 3.389, 0; result = 364			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:43:59 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN17.D from x, y = 3.302, 0 to 3.383, 0; result = 154			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:44:02 PM	Manually integrate compound Bromomethane in sample 06JAN17.D from x, y = 1.777, 0 to 1.844, 0; result = 201			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:44:06 PM	Manually integrate qualifier94.0 of compound Bromomethane in sample 06JAN17.D from x, y = 1.757, 0 to 1.830, 0; result = 284			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:44:09 PM	Zero out primary peak of compound Bromomethane in sample 06JAN17.D			✓	
CmdClearManualIntegration	BL2000\mchavez	1/11/2022 12:44:19 PM	Clear manual integration of target signal for compound Bromomethane in sample 06JAN17.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:44:43 PM	Manually integrate compound Benzene in sample 06JAN17.D from x, y = 6.250, 0 to 6.319, 0; result = 565			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:44:45 PM	Manually integrate qualifier77.0 of compound Benzene in sample 06JAN17.D from x, y = 6.247, 0 to 6.308, 0; result = 37			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:44:47 PM	Set UserAnnotation = NI for compound Benzene in sample 06JAN17.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:45:13 PM	Manually integrate compound Chlorodibromomethane in sample 06JAN17.D from x, y = 9.175, 0 to 9.245, 0; result = 543			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:45:15 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 06JAN17.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:45:17 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 06JAN17.D from x, y = 9.164, 0 to 9.247, 0; result = 777			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:45:33 PM	Zero out primary peak of compound Styrene in sample 06JAN17.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:45:39 PM	Manually integrate compound Bromoform in sample 06JAN17.D from x, y = 10.575, 0 to 10.672, 0; result = 1081			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:45:41 PM	Set UserAnnotation = NI for compound Bromoform in sample 06JAN17.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:45:43 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 06JAN17.D from x, y = 10.600, 0 to 10.661, 0; result = 459			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:45:45 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 06JAN17.D from x, y = 10.600, 0 to 10.664, 0; result = 451			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:45:52 PM	Zero out primary peak of compound 1,1,2,2-Tetrachloroethane in sample 06JAN17.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:46:20 PM	Zero out primary peak of compound 1,2,3-Trichloropropane in sample 06JAN17.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:46:38 PM	Zero out primary peak of compound 2-Chlorotoluene in sample 06JAN17.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:47:10 PM	Zero out primary peak of compound 4-Chlorotoluene in sample 06JAN17.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:47:32 PM	Set SampleApproved = True for sample 06JAN17.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 12:47:48 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:48:38 PM	Manually integrate compound Bromoform in sample 06JAN18.D from x, y = 10.597, 0 to 10.675, 0; result = 742			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:48:40 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 06JAN18.D from x, y = 10.600, 0 to 10.667, 0; result = 321			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:48:42 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 06JAN18.D from x, y = 10.586, 0 to 10.667, 0; result = 287			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:48:44 PM	Set UserAnnotation = NI for compound Bromoform in sample 06JAN18.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:48:54 PM	Manually integrate compound o-Xylene in sample 06JAN18.D from x, y = 10.419, 0 to 10.460, 0; result = 66			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:48:56 PM	Manually integrate qualifier91.0 of compound o-Xylene in sample 06JAN18.D from x, y = 10.419, 0 to 10.458, 0; result = 109			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:48:58 PM	Zero out primary peak of compound o-Xylene in sample 06JAN18.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:49:27 PM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 06JAN18.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:49:42 PM	Set UserDefined = Qualifier ratio did not meet method criteria for o-Xylenes for sample 06JAN18.D; previous value = Qualifier ratio did not meet method criteria for m+p Xylenes			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/11/2022 12:49:53 PM	Manually integrate compound Chlorodibromomethane in sample 06JAN18.D from x, y = 9.180, 0 to 9.231, 0; result = 342			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:49:54 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 06JAN18.D from x, y = 9.180, 0 to 9.247, 0; result = 198			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/11/2022 12:50:29 PM	Manually integrate compound Methylene chloride in sample 06JAN18.D from x, y = 3.294, 0 to 3.400, 0; result = 651			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:50:32 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN18.D from x, y = 3.310, 0 to 3.394, 0; result = 355			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:50:36 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN18.D from x, y = 3.291, 0 to 3.386, 0; result = 154			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/11/2022 12:50:39 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN18.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/11/2022 12:50:53 PM	Manually integrate compound Chloromethane in sample 06JAN18.D from x, y = 1.383, 0 to 1.445, 0; result = 1213			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:50:55 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN18.D from x, y = 1.378, 0 to 1.461, 0; result = 598			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:50:57 PM	Set SampleApproved = True for sample 06JAN18.D; previous value = False			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/11/2022 12:51:16 PM	Manually integrate compound Chloromethane in sample 06JAN19.D from x, y = 1.369, 0 to 1.439, 0; result = 1230			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:51:18 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN19.D from x, y = 1.381, 0 to 1.467, 0; result = 608			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:51:43 PM	Manually integrate compound Methylene chloride in sample 06JAN19.D from x, y = 3.305, 0 to 3.383, 0; result = 783			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:51:44 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN19.D from x, y = 3.294, 0 to 3.372, 0; result = 418			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:51:46 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN19.D from x, y = 3.296, 0 to 3.408, 0; result = 267			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:52:00 PM	Manually integrate compound Chloroform in sample 06JAN19.D from x, y = 5.600, 0 to 5.695, 0; result = 1591			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:52:02 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN19.D from x, y = 5.589, 0 to 5.720, 0; result = 1026			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:52:15 PM	Manually integrate compound Benzene in sample 06JAN19.D from x, y = 6.241, 0 to 6.333, 0; result = 615			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:52:17 PM	Manually integrate qualifier77.0 of compound Benzene in sample 06JAN19.D from x, y = 6.261, 0 to 6.305, 0; result = 63			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:52:32 PM	Manually integrate compound Toluene in sample 06JAN19.D from x, y = 8.363, 0 to 8.405, 0; result = 465			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:52:34 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN19.D from x, y = 8.349, 0 to 8.413, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 12:52:37 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN19.D from x, y = 8.352, 0 to 8.408, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:52:41 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN19.D from x, y = 8.355, 0 to 8.413, 0; result = 971			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:52:44 PM	Zero out primary peak of compound Toluene in sample 06JAN19.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:53:05 PM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 06JAN19.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:53:15 PM	Manually integrate compound m+p-Xylenes in sample 06JAN19.D from x, y = 10.006, 0 to 10.067, 0; result = 1703			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:53:20 PM	Manually integrate qualifier 91.0 of compound m+p-Xylenes in sample 06JAN19.D, from x, y = 10.006, 0 to 10.098, 0, result = 4230; previous integration is from x, y = 10.039, 0 to 10.098, 0 and previous response = 2435.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:53:28 PM	Manually integrate qualifier 91.0 of compound m+p-Xylenes in sample 06JAN19.D, from x, y = 10.006, 0 to 10.067, 181, result = 3443; previous integration is from x, y = 10.006, 0 to 10.098, 0 and previous response = 4230.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/11/2022 12:53:31 PM	Drop baseline for qualifier 91.0 of compound m+p-Xylenes in sample 06JAN19.D to y = 0, new integration is from x, y = 10.006, 0 to 10.067, 0 and new response = 3776; previous integration is from x, y = 10.006, 0 to 10.067, 181 and previous response = 3443.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:53:43 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 06JAN19.D; previous value = Qualifier ratio did not meet method criteria for m+p Xylenes			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:53:59 PM	Manually integrate compound Chlorodibromomethane in sample 06JAN19.D from x, y = 9.172, 0 to 9.253, 0; result = 1441			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:54:01 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 06JAN19.D from x, y = 9.155, 0 to 9.242, 0; result = 1089			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:56:52 PM	Manually integrate compound Ethylbenzene in sample 06JAN19.D from x, y = 9.878, 0 to 9.950, 0; result = 1728			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:56:54 PM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 06JAN19.D from x, y = 9.897, 0 to 9.936, 0; result = 271			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:56:57 PM	Set UserAnnotation = NI for compound Ethylbenzene in sample 06JAN19.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 12:57:00 PM	Set UserAnnotation = NI for compound m+p-Xylenes in sample 06JAN19.D; previous value =			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:57:16 PM	Zero out primary peak of compound 1,1,2,2-Tetrachloroethane in sample 06JAN19.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:57:24 PM	Zero out primary peak of compound 1,2,3-Trichloropropane in sample 06JAN19.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:57:31 PM	Zero out primary peak of compound 4-Chlorotoluene in sample 06JAN19.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 12:57:42 PM	Set SampleApproved = True for sample 06JAN19.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 12:57:59 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 12:58:54 PM	Quantitate all compounds in all samples			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:59:10 PM	Zero out primary peak of compound 4-Chlorotoluene in sample 06JAN20.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:59:21 PM	Zero out primary peak of compound 1,2,3-Trichloropropane in sample 06JAN20.D			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 12:59:32 PM	Zero out primary peak of compound 1,1,2,2-Tetrachloroethane in sample 06JAN20.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 12:59:45 PM	Manually integrate compound m+p-Xylenes in sample 06JAN20.D from x, y = 10.017, 0 to 10.078, 0; result = 1401			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 12:59:53 PM	Manually integrate qualifier 91.0 of compound m+p-Xylenes in sample 06JAN20.D, from x, y = 10.023, 246 to 10.070, 0, result = 3521; previous integration is from x, y = 10.011, 0 to 10.070, 0 and previous response = 4145.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/11/2022 1:00:01 PM	Drop baseline for qualifier 91.0 of compound m+p-Xylenes in sample 06JAN20.D to y = 0, new integration is from x, y = 10.023, 0 to 10.070, 0 and new response = 3871; previous integration is from x, y = 10.023, 246 to 10.070, 0 and previous response = 3521.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:00:03 PM	Manually integrate qualifier 91.0 of compound m+p-Xylenes in sample 06JAN20.D, from x, y = 10.023, 0 to 10.056, 82, result = 3431; previous integration is from x, y = 10.023, 0 to 10.070, 0 and previous response = 3871.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/11/2022 1:00:05 PM	Drop baseline for qualifier 91.0 of compound m+p-Xylenes in sample 06JAN20.D to y = 0, new integration is from x, y = 10.023, 0 to 10.056, 0 and new response = 3513; previous integration is from x, y = 10.023, 0 to 10.056, 82 and previous response = 3431.			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 1:00:14 PM	Zero out primary peak of compound m+p-Xylenes in sample 06JAN20.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:00:17 PM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 06JAN20.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:00:27 PM	Manually integrate compound Ethylbenzene in sample 06JAN20.D, from x, y = 9.886, 0 to 9.947, 0, result = 1684; previous integration is from x, y = 10.011, 0 to 10.056, 0 and previous response = 3787.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:00:29 PM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 06JAN20.D from x, y = 9.897, 0 to 9.956, 0; result = 299			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:00:33 PM	Set UserAnnotation = NI for compound Ethylbenzene in sample 06JAN20.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:00:46 PM	Manually integrate compound Chlorodibromomethane in sample 06JAN20.D from x, y = 9.172, 0 to 9.239, 0; result = 1773			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:00:48 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 06JAN20.D from x, y = 9.175, 0 to 9.228, 0; result = 1004			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:01:00 PM	Manually integrate compound Toluene in sample 06JAN20.D from x, y = 8.369, 0 to 8.408, 0; result = 561			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:01:02 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN20.D from x, y = 8.377, -3 to 8.425, 0; result = 804			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:01:05 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN20.D, from x, y = 8.349, 0 to 8.425, 0, result = 804; previous integration is from x, y = 8.377, -3 to 8.425, 0 and previous response = 804.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-002C. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-002C. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:01:09 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN20.D, from x, y = 8.349, 0 to 8.425, 0, result = 804; previous integration is from x, y = 8.377, -3 to 8.425, 0 and previous response = 804.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-002C. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-002C. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:01:13 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 06JAN20.D, from x, y = 8.341, 0 to 8.425, 0, result = 940; previous integration is from x, y = 8.377, -3 to 8.425, 0 and previous response = 804.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:01:16 PM	Set UserAnnotation = NI for compound Toluene in sample 06JAN20.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:01:19 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 06JAN20.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:01:36 PM	Manually integrate compound Benzene in sample 06JAN20.D from x, y = 6.244, 0 to 6.322, 0; result = 775			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:01:38 PM	Manually integrate qualifier77.0 of compound Benzene in sample 06JAN20.D from x, y = 6.250, 0 to 6.333, 0; result = 208			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:01:49 PM	Manually integrate compound Chloroform in sample 06JAN20.D from x, y = 5.605, 0 to 5.706, 0; result = 1547			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:01:51 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN20.D from x, y = 5.605, 0 to 5.700, 0; result = 833			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:01:56 PM	Set UserAnnotation = NI for compound Chloroform in sample 06JAN20.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:02:11 PM	Manually integrate compound Methylene chloride in sample 06JAN20.D from x, y = 3.268, 0 to 3.366, 0; result = 933			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:02:12 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN20.D from x, y = 3.282, 0 to 3.363, 0; result = 580			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:02:15 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN20.D from x, y = 3.282, 0 to 3.372, 0; result = 139			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:02:18 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN20.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:02:34 PM	Manually integrate compound Chloromethane in sample 06JAN20.D from x, y = 1.389, 0 to 1.425, 0; result = 546			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:02:37 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN20.D from x, y = 1.392, 0 to 1.434, 0; result = 71			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:02:42 PM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN20.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:02:43 PM	Set SampleApproved = True for sample 06JAN20.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:02:52 PM	Set UserAnnotation = NI for compound Benzene in sample 06JAN20.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 1:03:08 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:03:53 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 06JAN21.D from x, y = 10.591, 0 to 10.658, 0; result = 1596			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:03:55 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 06JAN21.D from x, y = 10.594, 0 to 10.686, 0; result = 1725			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:03:59 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN21.D from x, y = 5.597, 0 to 5.681, 0; result = 1568			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:04:08 PM	Manually integrate compound Chloromethane in sample 06JAN21.D from x, y = 1.383, 0 to 1.445, 0; result = 627			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:04:09 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 06JAN21.D from x, y = 1.406, 0 to 1.453, 0; result = 77			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:04:37 PM	Manually integrate compound Dibromomethane in sample 06JAN21.D from x, y = 7.376, 0 to 7.426, 0; result = 212			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:04:39 PM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 06JAN21.D from x, y = 7.371, 0 to 7.438, 0; result = 100			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:04:41 PM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 06JAN21.D from x, y = 7.382, 0 to 7.440, 0; result = 187			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 1:04:43 PM	Zero out primary peak of compound Dibromomethane in sample 06JAN21.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:04:48 PM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 06JAN21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:04:58 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Dibromomethane for sample 06JAN21.D; previous value = Qualifier ratio did not meet method criteria for m+p Xylenes			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:05:06 PM	Manually integrate compound Toluene in sample 06JAN21.D from x, y = 8.363, 0 to 8.416, 0; result = 244			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/11/2022 1:05:08 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN21.D from x, y = 8.355, 0 to 8.422, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-003F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22010213-003F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:05:11 PM	Manually integrate qualifier91.0 of compound Toluene in sample 06JAN21.D from x, y = 8.363, 0 to 8.416, 0; result = 427			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:05:22 PM	Manually integrate compound Chlorodibromomethane in sample 06JAN21.D from x, y = 9.169, 0 to 9.236, 0; result = 2119			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:05:26 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 06JAN21.D from x, y = 9.178, 0 to 9.242, 0; result = 1687			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:05:31 PM	Set UserAnnotation = NI for compound Toluene in sample 06JAN21.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:05:32 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 06JAN21.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:05:42 PM	Manually integrate compound m+p-Xylenes in sample 06JAN21.D from x, y = 10.023, 0 to 10.070, 0; result = 30			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:05:45 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 06JAN21.D from x, y = 10.011, 0 to 10.064, 0; result = 223			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 1:05:47 PM	Zero out primary peak of compound m+p-Xylenes in sample 06JAN21.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:05:56 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Dibromomethane, m+p Xylenes for sample 06JAN21.D; previous value = Qualifier ratio did not meet method criteria for Dibromomethane			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:06:12 PM	Set SampleApproved = True for sample 06JAN21.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	1/11/2022 1:06:27 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:06:36 PM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:08:52 PM	Set SampleApproved = True for sample 06JAN23.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:09:49 PM	Set SampleApproved = True for sample 06JAN24.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:10:46 PM	Set SampleApproved = True for sample 06JAN26.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 1:11:05 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:11:42 PM	Manually integrate compound Methylene chloride in sample 06JAN06.D from x, y = 3.294, 0 to 3.369, 0; result = 1387			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:11:44 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 06JAN06.D from x, y = 3.283, 0 to 3.408, 0; result = 1258			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:11:45 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 06JAN06.D from x, y = 3.296, 0 to 3.394, 0; result = 652			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:13:49 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:14:02 PM	Manually integrate compound Chloroform in sample 06JAN06.D from x, y = 5.608, 0 to 5.695, 0; result = 228			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:14:04 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 06JAN06.D from x, y = 5.636, 0 to 5.697, 0; result = 31			✓	
CmdZeroOutPeak	BL2000\mchavez	1/11/2022 1:14:06 PM	Zero out primary peak of compound Chloroform in sample 06JAN06.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/11/2022 1:14:35 PM	Manually integrate compound m+p-Xylenes in sample 06JAN06.D from x, y = 10.014, 0 to 10.087, 0; result = 264			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/11/2022 1:14:38 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 06JAN06.D from x, y = 10.006, 0 to 10.064, 0; result = 518			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:16:04 PM	Set SampleApproved = True for sample 06JAN06.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/11/2022 1:16:13 PM	Set UserAnnotation = NI for compound m+p-Xylenes in sample 06JAN06.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:16:23 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform, Toluene for sample 06JAN06.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:16:28 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Chloroform for sample 06JAN06.D; previous value = Qualifier ratio did not meet method criteria for Chloroform, Toluene			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:16:55 PM	Set SampleApproved = True for sample 06JAN03.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/11/2022 1:17:02 PM	Set SampleApproved = True for sample 06JAN04.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/11/2022 1:17:40 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/11/2022 1:20:25 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 3:03:42 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	2/28/2022 3:04:18 PM	Replace level QC with QC sample 06JAN04.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level CC with CC sample 06JAN03.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane};				
CmdQuantitate	BL2000\mchavez	2/28/2022 3:04:42 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 3:40:49 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 4:07:59 PM	Open batch D:\Org\Data\VOA5975C\VG010622\VG010622_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	2/28/2022 4:08:55 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG010622\QuantReports\VG010622_8260B			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	2/28/2022 4:12:01 PM	Replace level CC with CC sample 06JAN26.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane};			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 4:12:22 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 4:12:34 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	2/28/2022 4:13:16 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG010622\QuantReports\VG010622_8260B-1			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
GenerateReport	BL2000\mchavez	2/28/2022 4:17:10 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\02_Env_QntRslts_wGrphcs+Chrmtgrm+AuditTrail.m, Output Path: D:\Org\Data\VOA5975C\VG010622\QuantReports\VG010622_8260B-2				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandCancelledException: Generating report(s) was canceled by user. at Agilent.MassSpectrometry.DataAnalysis.Quantitative.GenerateReport.RunReportMethod(ICompliance compliance, String user, String batchFolder, String batchFile, String method, String outputPath, String applicationType, String cancelEventName, Int16[] samples, Int16[] compounds, String logonXml, Action`1 progress) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.GenerateReport.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:17:37 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN07.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:18:07 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN09.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:18:10 PM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN09.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:18:21 PM	Set UserAnnotation = NI for compound Benzene in sample 06JAN10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:18:48 PM	Set UserAnnotation = NI for compound Chloroform in sample 06JAN13.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:19:10 PM	Set UserAnnotation = NI for compound 1,3-Dichloropropane in sample 06JAN15.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:19:53 PM	Set UserAnnotation = NI for compound o-Xylene in sample 06JAN18.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:19:59 PM	Set UserAnnotation = for compound o-Xylene in sample 06JAN18.D; previous value = NI			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:20:03 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 06JAN18.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:20:15 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 06JAN19.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:20:18 PM	Set UserAnnotation = NI for compound Benzene in sample 06JAN19.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:20:21 PM	Set UserAnnotation = NI for compound Chloroform in sample 06JAN19.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:20:56 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 06JAN19.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	2/28/2022 4:20:59 PM	Set UserAnnotation = NI for compound Chloromethane in sample 06JAN19.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 4:30:20 PM	Save batch D:\Org\Data\VOA5975C\VG010622\QuantResults\VG010622_8260B.batch.bin			✓	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF0313
Standard Name: Liquids
Type: Primary
Prep Date: 6/23/2020
Prep By: Alethea M. Shaules
Exp Date: 4/13/2023
Status: New
Department: gcmsvoa
Vendor: AccuStd
Final Volume: 10 mL
Lot Number: 220041126
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organic Compounds - Liquids	12797	1	mL	4/13/2023

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF0352
Spike Name: 2nd Source Liquids
Prep Date: 11/23/2020
Exp Date: 12/31/2023
Department: gcmsvoa
Vendor: Agilent
Lot Number: 0006570990
Balance ID:
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

Type: Primary
Prep By: Steve Dilts
Status: New
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
VOC Standard	13292	1	mL	12/31/2023

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF0364
Spike Name: Surrogates 2.0 mg/mL
Prep Date: 1/6/2021
Exp Date: 4/18/2029
Department: gcmsvoa
Vendor: AccuStandard
Lot Number: 219041458
Balance ID:
Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Type: Primary
Prep By: Jerran D. Brenden
Status: New
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Surrogate Standard Mix	13385	1	mL	4/18/2029

Stock Source	Base Units	Amount Added
VOCF0364	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF0373
Standard Name: MtBE (Methy tert-Butyl Ether)
Type: Primary
Prep Date: 2/26/2021
Prep By: Steve Dilts
Exp Date: 8/31/2022
Status: New
Department: gcmsvoa
Vendor: Agilent
Final Volume: 5 mL
Lot Number: 0006555762
Balance ID:
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # STS-440

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methyl tert-Butyl Ether Standard	13578	1	mL	8/31/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF0401
Spike Name: 2nd Source MtBE
Prep Date: 6/7/2021
Exp Date: 12/11/2029
Department: gcmsvoa
Vendor: AccuStandard
Lot Number: 220051182
Balance ID:
Comments: Date Prepared is same as Date Receive. 2,000 ug/mL in MeOH. Catalog # S-078-10X.

Type: Primary
Prep By: Alethea M. Shaules
Status: New
Final Volume: 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
MTBE	13920	1	mL	12/11/2029

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF0417
Spike Name: Chem Service Gases
Prep Date: 8/3/2021
Exp Date: 2/28/2022
Department: gcmsvoa
Vendor: Chemservice
Lot Number: 11882100
Balance ID:
Type: Primary
Prep By: Steve Dilts
Status: New
Final Volume: 5 mL
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # M-VOHC6M5-1ML

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organics High Concentration Mixture #6	14142	5	mL	2/28/2022

Stock Source	Base Units	Amount Added
VOCF0417	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF0425
Standard Name: Internals
Type: Primary
Prep Date: 9/8/2021
Prep By: Jerran D. Brenden
Exp Date: 12/31/2022
Status: New
Department: gcmsvoa
Vendor: Agilent
Final Volume: 10 mL
Lot Number: 0006582580
Balance ID:
Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Internal Standard	14251	1	mL	12/31/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF0426
Spike Name: Surrogates 2.0 mg/mL
Type: Primary
Prep Date: 9/14/2021
Prep By: Jerran D. Brenden
Exp Date: 4/18/2029
Status: New
Department: gcmsvoa
Vendor: AccuStandard
Final Volume: 10 mL
Lot Number: 219041458
Balance ID:
Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Surrogate Standard Mix	14269	1	mL	4/18/2029

Stock Source	Base Units	Amount Added
VOCF0426	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF0427
Standard Name: Gases
Type: Primary
Prep Date: 9/17/2021
Prep By: Alethea M. Shaules
Exp Date: 8/3/2024
Status: New
Department: gcmsvoa
Vendor: Absolute
Final Volume: 10 mL
Lot Number: 080321
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL in MeOH. Catalog # 30058.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
EPA Method 502-524 - Volatile Gases Mix #1	14285	1	mL	8/3/2024

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF0434
Standard Name: Ketones
Type: Primary
Prep Date: 10/26/2021
Prep By: Steve Dilts
Exp Date: 6/30/2023
Status: New
Department: gcmsvoa
Vendor: Chem Service
Final Volume: 5 mL
Lot Number: 10251200
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL in 90:10 MeOH:H2O. Catalog # M-TCL-1AN5-5ML.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	14443	1	mL	6/30/2023

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF0439
Standard Name: 2nd Source Ketones
Type: Primary
Prep Date: 11/30/2021
Prep By: Melissa Chavez
Exp Date: 11/26/2022
Status: New
Department: gcmsvoa
Vendor: AccuStandard
Final Volume: 1 mL
Lot Number: 221101480
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL in Methanol. Catalog # CLP-022K-10X.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketones Mixture	14567	2	mL	11/26/2022

Stock Source	Base Units	Amount Added
VOCF0439	ug/mL	

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF3473
Standard Name: Calibration Surrogates
Type: Secondary
Prep Date: 9/14/2021
Prep By: Jerran D. Brenden
Exp Date: 3/14/2022
Status: New
Department: gcmsvoa
Vendor:
Final Volume: 5 mL
Lot Number:
Balance ID:
Comments: Final Concentration 0.2 ug/uL in MeOH

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EA226	13754	4.5	mL	3/14/2022

Stock Source	Base Units	Amount Added
VOCF0364	ug/mL	0.5 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF3517
Spike Name: Internal Standard / Surrogates (INT/SURR)
Type: Secondary
Prep Date: 11/10/2021
Prep By: Alethea M. Shaules
Exp Date: 12/31/2022
Status: New
Department: gcmsvoa
Vendor:
Final Volume: 100 mL
Lot Number:
Balance ID:
Comments: Final Concentration 0.05 ug/uL in MeOH.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	95.5	mL	12/31/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	2 mL
VOCF0426	ug/mL	2.5 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF3529B
Spike Name: 2nd Source MtBE
Prep Date: 11/29/2021
Exp Date: 1/29/2022
Department: gcmsvoa
Vendor:
Lot Number:
Balance ID:
Comments: Final Concentration 0.2 ug/uL

Type: Secondary
Prep By: Alethea M. Shaules
Status:
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	9	mL	1/29/2022

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF3546A
Standard Name: Liquids
Type: Secondary
Prep Date: 12/13/2021
Prep By: Alethea M. Shaules
Exp Date: 1/13/2022
Status:
Department: GCMSVOA
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EA899	13926	9	mL	1/13/2022

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF3549
Spike Name: 2nd Source Ketones
Prep Date: 12/15/2021
Exp Date: 1/15/2022
Department: gcmsvoa
Vendor: AccuStandard
Lot Number: 221101480
Balance ID:
Comments: Vial opened for use. 2.0 µg/µL

Type: Primary
Prep By: Melissa Chavez
Status:
Final Volume: 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketones Mixture	14567	1	mL	1/15/2022

Stock Source	Base Units	Amount Added
VOCF0439	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF3550
Standard Name: Ketones
Type: Primary
Prep Date: 12/16/2021
Prep By: Melissa Chavez
Exp Date: 1/16/2022
Status:
Department: gcmsvoa
Vendor: Chem Service
Final Volume: 1 mL
Lot Number: 10251200
Balance ID:
Comments: Vial Opened For Use . 2.0 ug/uL in 90:10 MeOH:H2O.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	14443	1	mL	1/16/2022

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF3558B
Spike Name: 2nd Source Liquids
Prep Date: 12/27/2021
Exp Date: 2/27/2022
Department: gcmsvoa
Vendor:
Lot Number:
Balance ID:
Comments: Final Concentration 0.2ug/uL.

Type: Secondary
Prep By: Steve Dilts
Status: Open
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	9	mL	2/27/2022

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF3559A
Standard Name: MtBE
Type: Secondary
Prep Date: 12/27/2021
Prep By: Melissa Chavez
Exp Date: 1/27/2022
Status:
Department: gcmsvoa
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: Final Concentration 0.2 ug/uL.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	9	mL	1/27/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF3562A
Standard Name: Gases
Type: Secondary
Prep Date: 1/3/2022
Prep By: Alethea M. Shaules
Exp Date: 1/10/2022
Status:
Department: GCMSVOA
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	14519	9	mL	1/10/2022

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Standard ID: VOCF3563
Standard Name: Internals
Type: Secondary
Prep Date: 1/3/2022
Prep By: Alethea M. Shaules
Exp Date: 7/3/2022
Status: New
Department: gcmsvoa
Vendor:
Final Volume: 50 mL
Lot Number:
Balance ID:
Comments: Final Concentration 0.05 ug/uL.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	14519	49	mL	7/3/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	1 mL

Analytical RunID VOA5975C.I_220104A Standards Traceability Report

Spike ID: VOCF3566A
Spike Name: 2nd Source Gases
Prep Date: 1/4/2022
Exp Date: 1/11/2022
Department: gcmsvoa
Vendor:
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected final volume column to match comments and added final concentrations of analytes. MSC 01/14/2021

Type: Secondary
Prep By: Melissa Chavez
Status:
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	14519	9	mL	1/11/2022

Stock Source	Base Units	Amount Added
VOCF0417	ug/mL	1 mL

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54
Storage Condition: Refrig (0-5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
Benzene	71-43-2	100.0	2002	2002
Bromobenzene	108-86-1	100.0	2003	2003
Bromochloromethane	74-97-5	99.1	2001	1983
Bromodichloromethane	75-27-4	99.0	2002	1982
Bromoform	75-25-2	99.2	2001	1985
n-Butylbenzene	104-51-8	100.0	2002	2002
sec-Butylbenzene	135-98-8	100.0	2001	2001
tert-Butylbenzene	98-06-6	99.0	2003	1983
Carbon tetrachloride	56-23-5	100.0	2003	2003
Chlorobenzene	108-90-7	99.6	2001	1993
Chloroform	67-66-3	99.2	2004	1988
2-Chlorotoluene	95-49-8	99.0	2003	1983
4-Chlorotoluene	106-43-4	99.8	2002	1998
Dibromochloromethane	124-48-1	97.8	2049*	2004
1,2-Dibromo-3-chloropropane	96-12-8	99.2	2001	1985
1,2-Dibromoethane	106-93-4	100.0	2006	2006
Dibromomethane	74-95-3	99.0	2002	1982
1,2-Dichlorobenzene	95-50-1	98.2	2003	1967
1,3-Dichlorobenzene	541-73-1	100.0	2000	2000
1,4-Dichlorobenzene	106-46-7	100.0	2002	2002
1,1-Dichloroethane	75-34-3	98.6	2001	1973
1,2-Dichloroethane	107-06-2	99.8	2010	2006
1,1-Dichloroethene	75-35-4	99.0	2000	1980
cis-1,2-Dichloroethene	156-59-2	99.0	2002	1982
trans-1,2-Dichloroethene	156-60-5	99.5	2001	1991
1,2-Dichloropropane	78-87-5	99.5	2003	1993
1,3-Dichloropropane	142-28-9	96.7	2073*	2005
2,2-Dichloropropane	594-20-7	99.9	2012	2010
1,1-Dichloropropene	563-58-6	98.9	2001	1979
cis-1,3-Dichloropropene **	10061-01-5	93.9	2041*	1916
trans-1,3-Dichloropropene **	10061-02-6	93.9	1968*	1848
Ethylbenzene	100-41-4	99.7	2000	1994
Hexachlorobutadiene	87-68-3	98.0	2003	1963
Isopropylbenzene	98-82-8	100.0	2002	2002
p-Isopropyltoluene	99-87-6	99.4	2000	1988
Methylene chloride	75-09-2	99.9	2001	1999
Naphthalene	91-20-3	100.0	2002	2002
n-Propylbenzene	103-65-1	100.0	2001	2001
Styrene	100-42-5	100.0	2003	2003
1,1,1,2-Tetrachloroethane	630-20-6	98.9	2005	1983
1,1,2,2-Tetrachloroethane	79-34-5	96.0	2087*	2004
Tetrachloroethene	127-18-4	99.4	2017	2005
Toluene	108-88-3	100.0	2001	2001
1,2,3-Trichlorobenzene	87-61-6	100.0	2002	2002

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

Component - *continued*	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
1,2,4-Trichlorobenzene	120-82-1	99.6	2001	1993
1,1,1-Trichloroethane	71-55-6	100.0	2002	2002
1,1,2-Trichloroethane	79-00-5	98.6	2000	1972
Trichloroethene	79-01-6	100.0	2003	2003
1,2,3-Trichloropropane	96-18-4	97.5	2055*	2004
1,2,4-Trimethylbenzene	95-63-6	98.2	2001	1965
1,3,5-Trimethylbenzene	108-67-8	98.8	2001	1977
o-Xylene	95-47-6	99.0	2000	1980
m-Xylene	108-38-3	99.2	2002	1986
p-Xylene	106-42-3	95.4	2097*	2001

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Certified By: Larry Decker, Organic QC Manager

ID #: 12797
Opened:_____
Volatile Organic Compounds - Liquids
Expires: 4/13/2023
Rec'd: 6/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

For use in routine laboratory analysis.

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QR-ORG/INO-001
Rev. 5/18

Agilent

ID #: 13292
Opened:
VOC Standard
Expires: 12/31/2023
Rec'd: 11/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: VOC Standard

Product Number: DWM-589N-1

Lot Number: 0006570990

Lot Issue Date: 17-Nov-2020

Expiration Date: 31-Dec-2023

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
bromochloromethane	000074-97-5	RM00009	2010 ± 10 µg/mL
bromodichloromethane	000075-27-4	RM12585	2009 ± 10 µg/mL
bromoform	000075-25-2	RM13987	2010 ± 10 µg/mL
carbon tetrachloride	000056-23-5	RM07576	2010 ± 10 µg/mL
chloroform	000067-66-3	RM13988	2009 ± 10 µg/mL
dibromochloromethane	000124-48-1	RM14843	2009 ± 10 µg/mL
dibromomethane	000074-95-3	RM12878	2009 ± 10 µg/mL
methylene chloride	000075-09-2	RM11650	2009 ± 10 µg/mL
1,2-dibromoethane	000106-93-4	RM00018	2010 ± 10 µg/mL
1,1-dichloroethane	000075-34-3	RM16217	2006 ± 10 µg/mL
1,2-dichloroethane	000107-06-2	RM04655	2005 ± 10 µg/mL
1,1-dichloroethene	000075-35-4	RM14486	2010 ± 10 µg/mL
cis-1,2-dichloroethene	000156-59-2	RM15008	2007 ± 10 µg/mL
trans-1,2-dichloroethene	000156-60-5	RM07565	2008 ± 10 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	RM12632	2005 ± 10 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	RM02540	2009 ± 10 µg/mL
tetrachloroethene	000127-18-4	RM06491	2008 ± 10 µg/mL

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 4
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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

1,1,1-trichloroethane	000071-55-6	RM16539	2004 ± 10 µg/mL
1,1,2-trichloroethane	000079-00-5	RM01175	2009 ± 10 µg/mL
trichloroethene	000079-01-6	RM14232	2009 ± 10 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	RM13666	2009 ± 10 µg/mL
1,2-dichloropropane	000078-87-5	RM12821	2008 ± 10 µg/mL
1,3-dichloropropane	000142-28-9	RM02080	2008 ± 10 µg/mL
2,2-dichloropropane	000594-20-7	RM12927	2005 ± 10 µg/mL
1,1-dichloropropene	000563-58-6	RM16190	2010 ± 10 µg/mL
cis-1,3-dichloropropene	010061-01-5	RM12891	2007 ± 10 µg/mL
trans-1,3-dichloropropene	010061-02-6	RM12254	2006 ± 10 µg/mL
hexachlorobutadiene	000087-68-3	RM09157	2005 ± 10 µg/mL
1,2,3-trichloropropane	000096-18-4	RM13082	2004 ± 10 µg/mL
benzene	000071-43-2	RM12931	2009 ± 10 µg/mL
n-butylbenzene	000104-51-8	RM03651	2008 ± 10 µg/mL
sec-butylbenzene	000135-98-8	RM10905	2005 ± 10 µg/mL
tert-butylbenzene	000098-06-6	RM14040	2007 ± 10 µg/mL
ethylbenzene	000100-41-4	RM12195	2006 ± 10 µg/mL
isopropylbenzene	000098-82-8	RM00835	2009 ± 10 µg/mL
4-isopropyltoluene	000099-87-6	RM09747	2009 ± 10 µg/mL
naphthalene	000091-20-3	NT00970	2006 ± 10 µg/mL
n-propylbenzene	000103-65-1	RM12785	2010 ± 10 µg/mL
styrene	000100-42-5	RM13393	2010 ± 10 µg/mL

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

Agilent

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

toluene	000108-88-3	RM06650	2008 ± 10 µg/mL
1,2,4-trimethylbenzene	000095-63-6	RM06731	2002 ± 10 µg/mL
1,3,5-trimethylbenzene	000108-67-8	RM12905	2009 ± 10 µg/mL
o-xylene	000095-47-6	RM15639	2005 ± 10 µg/mL
m-xylene	000108-38-3	RM15919	2006 ± 10 µg/mL
p-xylene	000106-42-3	RM02647	2009 ± 10 µg/mL
bromobenzene	000108-86-1	RM10227	2008 ± 10 µg/mL
chlorobenzene	000108-90-7	RM01874	2008 ± 10 µg/mL
2-chlorotoluene	000095-49-8	RM13774	2007 ± 10 µg/mL
4-chlorotoluene	000106-43-4	RM11750	2009 ± 10 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	2005 ± 10 µg/mL
1,3-dichlorobenzene	000541-73-1	NT00356	2009 ± 10 µg/mL
1,4-dichlorobenzene	000106-46-7	RM12826	2009 ± 10 µg/mL
1,2,3-trichlorobenzene	000087-61-6	RM10193	2007 ± 10 µg/mL
1,2,4-trichlorobenzene	000120-82-1	RM09454	2009 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

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CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 13385
Opened:
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 1/4/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

 See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: Larry Decker, Organic QC Manager

Page 1 of 1

For use in routine laboratory analysis.

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Rev. 7/20

Agilent

ID #: 13578
Opened:
Methyl tert-Butyl Ether Standard
Expires: 8/31/2022
Rec'd: 2/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: Methyl tert-Butyl Ether Standard

Product Number: STS-440-1

Lot Number: 0006555762

Lot Issue Date: 19-Aug-2020

Expiration Date: 31-Aug-2022

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system, and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
tert-butylmethyl ether	001634-04-4	RM06568	2006 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

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No. AT-1937

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CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X
Description: MtBE
Lot: 220051182
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: May 18, 2020
Expiration: May 18, 2030
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
MtBE	1634-04-4	100.0	2002	2002

ID #: 13920
Opened:_____
MTBE
Expires: 5/18/2030
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

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CERTIFICATE OF ANALYSIS

Volatile Organics High Concentration Mixture #6

CONCENTRATION	2000ug/ml in Methanol
CATALOG NUMBER	M-VOHC6M5-1ML
LOT NUMBER	11882100
DATE CERTIFIED	05/25/21
EXPIRATION DATE	02/28/22
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratoy use only.
ISO 17034:2016 CERTIFIED	[ ]

ID #: 14142
Opened:
Volatile Organics High Concentration Mixture
Expires: 2/28/2022
Rec'd: 8/3/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11446	Chloroethane	75-00-3	96.300	00001728	100.0	2006.3
N-11665	Dichlorodifluoromethane	75-71-8	96.610	00001729	100.0	2012.7
N-12417	Methyl bromide	74-83-9	96.910	00024694	100.0	2019.0
N-12421	Methyl chloride	74-87-3	96.150	00001731	100.0	2003.1
N-13655	Trichlorofluoromethane	75-69-4	96.300	00027239	99.4	1994.2
N-13748	Vinyl chloride	75-01-4	96.150	00019298	100.0	2003.1

Analytical Test	Value
CONCENTRATION (GC/MSD)	VERIFIED

COA Form
Revision 3 (3/2015)

PJLA Testing
Accreditation #63529

Print Date: 07/28/21

CHEM SERVICE INC

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info@chemservice.com • www.chemservice.com

Instructions for Use:
Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.
Minimum Sample Size- 0.2 uL for Direct Injection.
Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA
Testing
Accreditation #63520

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
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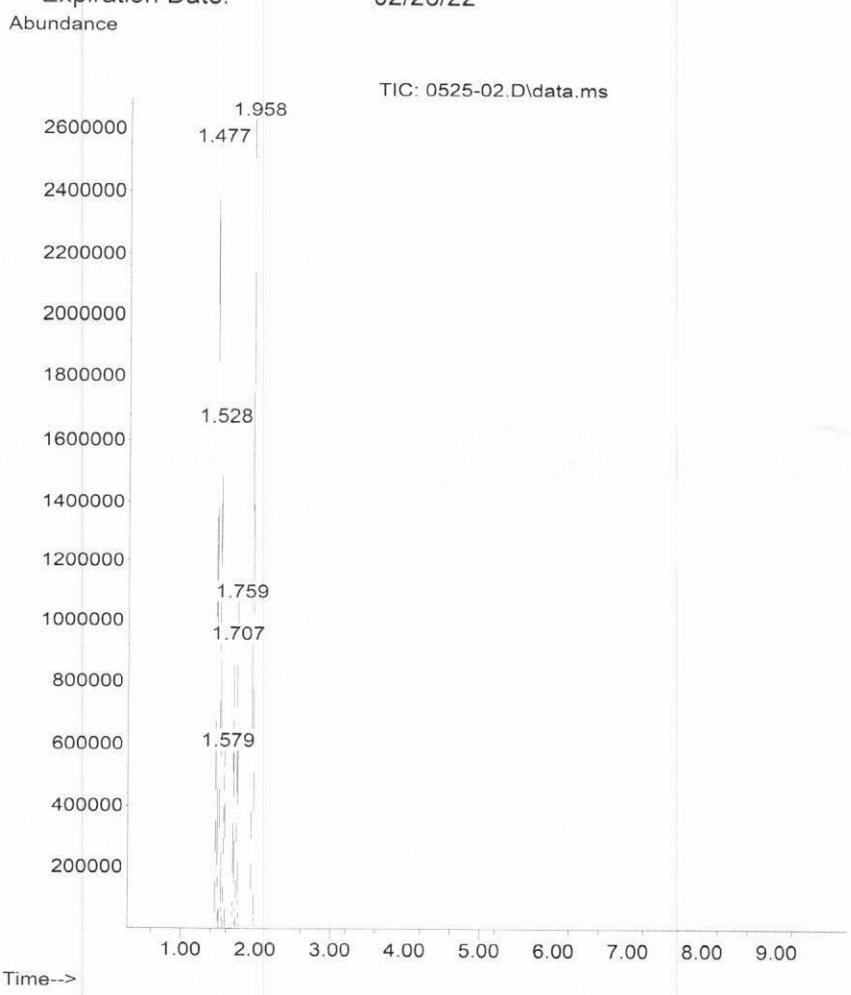
CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number:	M-VOHC6M5-1ML
Description:	Volatile Organics High Concentration Mixture #6
Lot Number:	11882100
Expiration Date:	02/28/22



PJLA Testing

ID #: 14251
Opened:
Internal Standard
Expires: 12/31/2022
Rec'd: 9/8/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Agilent

Certificate of Analysis

Product Name: Internal Standard

Product Number: STM-520-1

Lot Number: 0006582580

Lot Issue Date: 05-Jan-2021

Expiration Date: 31-Dec-2022

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
chlorobenzene-d5	003114-55-4	RM12274	2501 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM12517	2501 ± 13 µg/mL
fluorobenzene	000462-06-6	RM13378	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 2

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Agilent

Certificate of Analysis

Product Number: STM-520-1 **Lot Number:** 0006582580

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

125 Market Street
New Haven, CT 06513
USA

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www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 30058
Lot Number: 080321
Description: EPA Method 502/524 - Volatile Gases Mix #1
6 components
Expiration Date: 080324
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent: Methanol **Lot#** EA783-US

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 500.0 0.058 Flask Uncertainty

Formulated By:	Mario Luis	080321 DATE
Reviewed By:	Pedro L. Rentas	080321 DATE

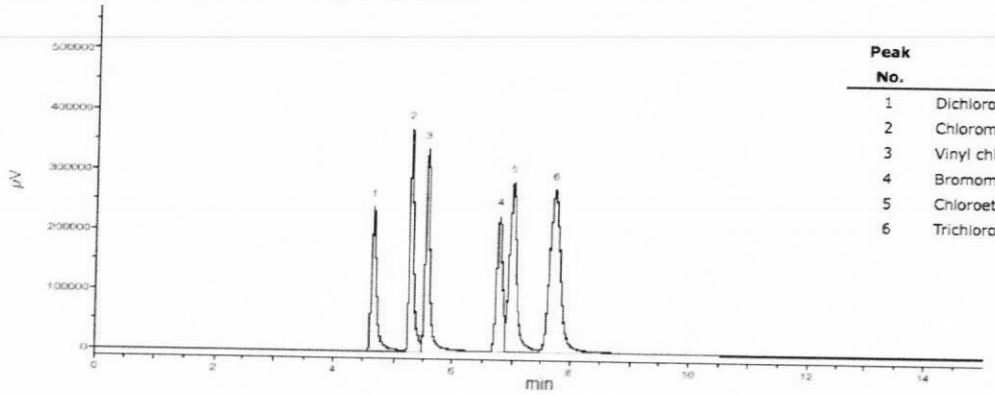
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromomethane	50	01611JX	2000	99.5	0.2	1.00508	1.0098	2009.4	8.1	74-83-9	5 ppm (20mg/m3/8H) (skin)	orl-rat 214mg/kg
2. Chloroethane	72	062617	2000	99	0.2	1.01016	1.0146	2008.8	8.1	75-00-3	1000 ppm (2600mg/m3/8H)	N/A
3. Chloromethane	79	06908MS	2000	99.5	0.2	1.00508	1.0154	2020.5	8.1	74-87-3	100 ppm	orl-rat 1800mg/kg
4. Dichlorodifluoromethane	134	92-0487	2000	99	0.2	1.01016	1.0224	2024.2	8.2	75-71-8	1000 ppm (4950mg/m3/8H)	N/A
5. Trichlorofluoromethane	294	01823MW	2000	99	0.2	1.01016	1.0110	2001.7	8.1	75-69-4	1000 ppm (5600mg/m3/8H)	ipr-mus 1743mg/kg
6. Vinyl chloride	305	04854EA	2000	99.5	0.2	1.00508	1.0071	2004.0	8.1	75-01-4	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC15-M9 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=150mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=40mL/min., Hydogen(make-up)=100mL/min.
Oven Profile: Temp. 1=35°C (Time 1=9 min.), Temp 2=200°C (Time 2=1 min.),
Rate = 33°C/min., Total run time=15 min. Injector temp.=200°C, FID Temp.=200°C.
ELCD Signal = Edaq Channel 1 PID Signal = Edaq Channel 2
Standard injection = 0.5µL, Range=3 Purge Valve = 0 min.

ID #: 14285
Opened: _____
EPA Method 502-524 - Volatile Gases Mix #1
Expires: 8/3/2024
Rec'd: 9/17/2021
Enerav Laboratories Inc 1120 So. 27th Street
Billings MT 59107



Peak No.	Analyte	ELCD RT (min.)
1	Dichlorodifluoromethane	4.67
2	Chloromethane	5.28
3	Vinyl chloride	5.56
4	Bromomethane	6.75
5	Chloroethane	6.99
6	Trichlorofluoromethane	7.72

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ID #: 14443
Opened:
TCL Ketone Mix
Expires: 6/30/2023
Rec'd: 10/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

CERTIFICATE OF ANALYSIS

TCL Ketones Mixture

CONCENTRATION	2000ug/ml in Methanol:Water (90:10)
CATALOG NUMBER	M-TCL1AN5-1ML
LOT NUMBER	10251200
DATE CERTIFIED	06/16/20
EXPIRATION DATE	06/30/23
STORAGE	Freezer storage (-20 - -25 °C)
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.
ISO 17034:2016 CERTIFIED	[ ]

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11014	Acetone	67-64-1	203.300	00026182	98.7	2006.6
N-10297	2-Butanone	78-93-3	202.800	00027454	99.5	2017.9
N-10369	2-Hexanone	591-78-6	202.600	00025720	99.5	2015.9
N-10844	4-Methyl-2-pentanone	108-10-1	204.700	6403300	99.5	2036.8

Analytical Test	Value
CONCENTRATION (GC/FID)	VERIFIED

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

PJLA Testing

PJLA Reference Material Producer

COA Form
Revision 3 (3/2015)

Print Date: 10/22/21

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info@chemservice.com • www.chemservice.com

Instructions for Use:
Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.
Minimum Sample Size- 0.2 uL for Direct Injection.
Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

PJLA Testing

PJLA Reference Material Producer

CHEM SERVICE INC

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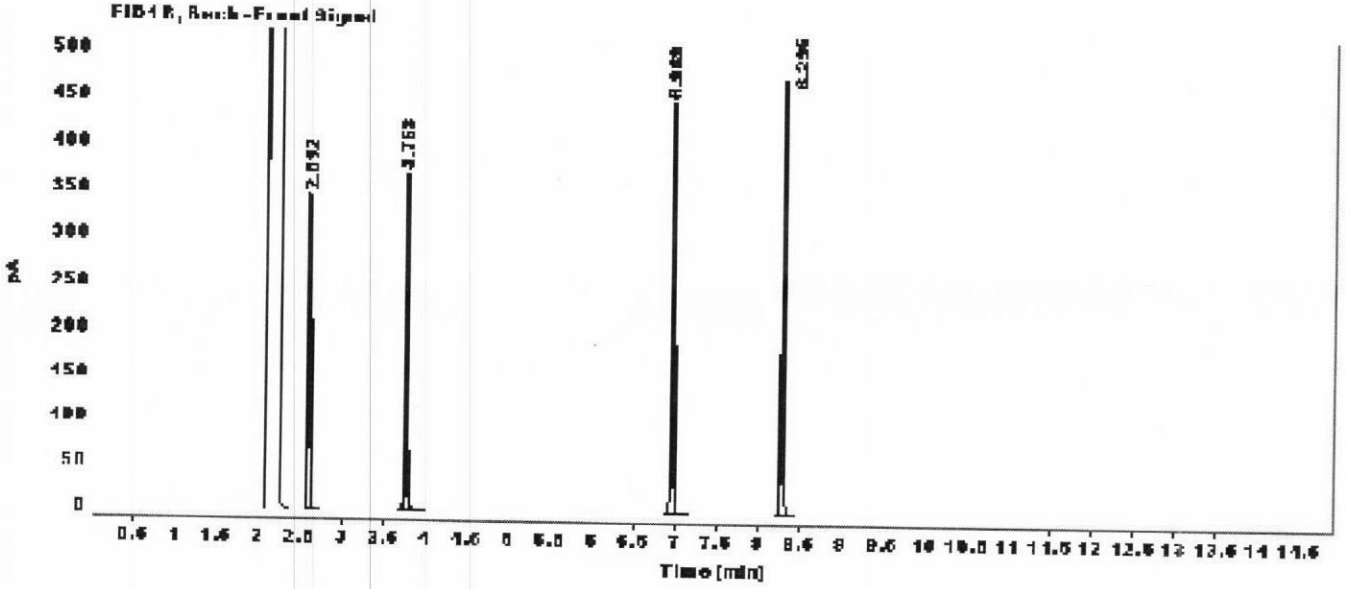
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file:	C:\CHEM32\1\DATA\2020 DATA\0620\M-TCL1AN5.D		
Sample name:	M-TCL1AN5		
Acq. method:	N-14276.M		
Instrument:	GC3	**Location:**	202
Injection date:	6/16/2020 2:52:35 PM	**Injection Vol:**	1.000
Column name:	RTx-5MS (30m x 0.25mm x 0.5µm)	**# Of Injections:**	1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
2.592	BB	0.0277	580.2505	343.4966	18.4655
3.763	BB	0.0323	735.4804	367.8491	23.4054
6.989	BB	0.0326	904.3389	447.8770	28.7791
8.295	BB	0.0307	922.2798	474.3798	29.3500
		Sum	3142.3497		

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

PJLA Testing

PJLA Reference Material Producer

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4
Storage Condition: Freeze (<-10 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463

ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
Acetone	67-64-1	100.0	2004	2004
2-Butanone	78-93-3	100.0	2004	2004
2-Hexanone	591-78-6	98.7	2004	1978
4-Methyl-2-pentanone	108-10-1	100.0	2004	2004

ID #: 14567
Opened:_____
TCL Ketones Mixture
Expires: 11/26/2022
Rec'd: 11/30/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

This Certified Reference Material was verified in accordance with ISO/IEC 17025

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

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CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol

Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4

T-Test

AccuStandard, Inc.
Statistical Report for CLP (SOW 1991)
26-Oct-2021

QR-QCO-003 rev. 1/16

RT	Component	CLP-022K-10X 221101480 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	CLP-022K-10X 221041075 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	t.025 test	CI 221101480	Component	CI 221041075	# of Runs	Conc.	10 % error check of means
3.74	Acetone (67-64-1)	1925	1881	1854	1803	1866	51.05	2.74%	1751	1712	1750	1764	1744	22.43	1.29%	4.36	119.2	Acetone (67-64-1)	55	4	2000	7 %
5.77	2-Butanone (78-93-3)	2275	2223	2237	2149	2221	52.79	2.38%	2157	2103	2145	2177	2146	31.26	1.46%	2.46	58.5	2-Butanone (78-93-3)	35.9	4	2000	3 %
8.34	4-Methyl-2-pentanone (108-10-1)	3373	3302	3408	3225	3327	81.05	2.44%	3349	3240	3296	3415	3325	74.70	2.25%	0.04	0.9	4-Methyl-2-pentanone (108	0.8	4	2000	0 %
9.13	2-Hexanone (591-78-6)	3260	3199	3332	3118	3227	90.88	2.82%	3186	3072	3120	3239	3154	73.32	2.32%	1.25	35.2	2-Hexanone (591-78-6)	29.1	4	2000	2 %

For use in routine laboratory analysis.

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www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol

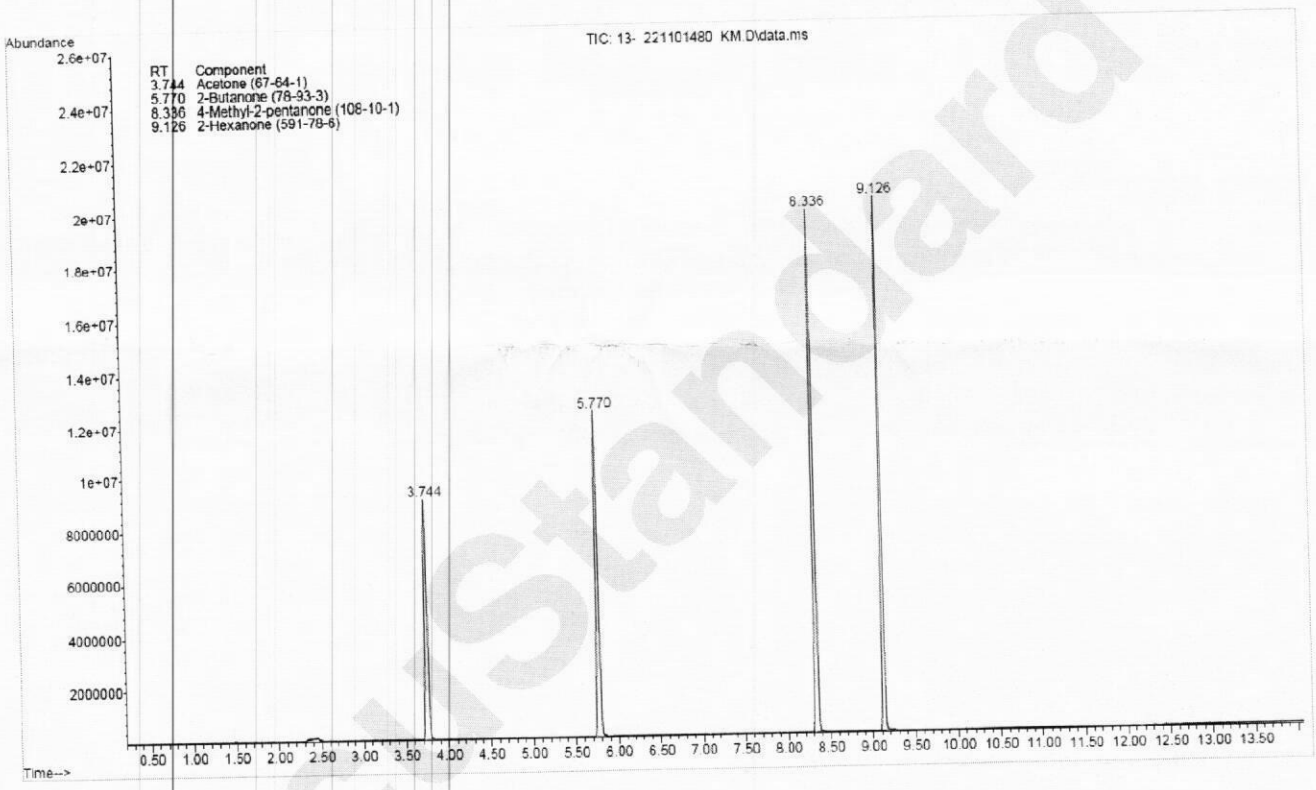
Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4

Chromatogram

File :Q:\GCMS-06 Minimal\DATA\102521\13- 221101480 KM.D
Operator : Organic QC Lab
Acquired : 25 Oct 2021 21:00 using AcqMethod VOC-Split100.M
Instrument : GCMS 6
Sample Name: CLP-022K-10X (221101480)
Misc Info : TCL Ketone Mix @ 2000 ug/mL in MeOH
Vial Number: 34

AccuStandard®

Column: DB-624 UI, 30m x 0.25mm ID x 1.4µm
Oven Program: 35°C (hold 5min), 11°C/min to 60°C, 22°C/min to 230°C (hold 4min)
GC Parameters: Split 100:1, 1µl inj.; GC/MS; injector temp 240°C



For use in routine laboratory analysis.

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF0313
Standard Name: Liquids
Type: Primary
Prep Date: 6/23/2020
Prep By: Alethea M. Shaules
Exp Date: 4/13/2023
Status: New
Department: gcmsvoa
Vendor: AccuStd
Final Volume: 10 mL
Lot Number: 220041126
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL. Catalog # M502A-R-10X. Corrected lot number to match CI. MSC 01/14/2022

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organic Compounds - Liquids	12797	1	mL	4/13/2023

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF0352
Spike Name: 2nd Source Liquids
Prep Date: 11/23/2020
Exp Date: 12/31/2023
Department: gcmsvoa
Vendor: Agilent
Lot Number: 0006570990
Balance ID:
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

Type: Primary
Prep By: Steve Dilts
Status: New
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
VOC Standard	13292	1	mL	12/31/2023

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF0373
Standard Name: MtBE (Methy tert-Butyl Ether)
Type: Primary
Prep Date: 2/26/2021
Prep By: Steve Dilts
Exp Date: 8/31/2022
Status: New
Department: gcmsvoa
Vendor: Agilent
Final Volume: 5 mL
Lot Number: 0006555762
Balance ID:
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # STS-440

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methyl tert-Butyl Ether Standard	13578	1	mL	8/31/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF0401
Spike Name: 2nd Source MtBE
Type: Primary
Prep Date: 6/7/2021
Prep By: Alethea M. Shaules
Exp Date: 12/11/2029
Status: New
Department: gcmsvoa
Vendor: AccuStandard
Final Volume: 5 mL
Lot Number: 220051182
Balance ID:
Comments: Date Prepared is same as Date Receive. 2,000 ug/mL in MeOH. Catalog # S-078-10X.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
MTBE	13920	1	mL	12/11/2029

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF0417
Spike Name: Chem Service Gases
Prep Date: 8/3/2021
Exp Date: 2/28/2022
Department: gcmsvoa
Vendor: Chemservice
Lot Number: 11882100
Balance ID:
Type: Primary
Prep By: Steve Dilts
Status: New
Final Volume: 5 mL
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # M-VOHC6M5-1ML

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organics High Concentration Mixture #6	14142	5	mL	2/28/2022

Stock Source	Base Units	Amount Added
VOCF0417	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF0425
Standard Name: Internals
Type: Primary
Prep Date: 9/8/2021
Prep By: Jerran D. Brenden
Exp Date: 12/31/2022
Status: New
Department: gcmsvoa
Vendor: Agilent
Final Volume: 10 mL
Lot Number: 0006582580
Balance ID:
Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Internal Standard	14251	1	mL	12/31/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF0426
Spike Name: Surrogates 2.0 mg/mL
Prep Date: 9/14/2021
Exp Date: 4/18/2029
Department: gcmsvoa
Vendor: AccuStandard
Lot Number: 219041458
Balance ID:
Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Type: Primary
Prep By: Jerran D. Brenden
Status: New
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Surrogate Standard Mix	14269	1	mL	4/18/2029

Stock Source	Base Units	Amount Added
VOCF0426	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF0427
Standard Name: Gases
Type: Primary
Prep Date: 9/17/2021
Prep By: Alethea M. Shaules
Exp Date: 8/3/2024
Status: New
Department: gcmsvoa
Vendor: Absolute
Final Volume: 10 mL
Lot Number: 080321
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL in MeOH. Catalog # 30058.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
EPA Method 502-524 - Volatile Gases Mix #1	14285	1	mL	8/3/2024

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF0434
Standard Name: Ketones
Type: Primary
Prep Date: 10/26/2021
Prep By: Steve Dilts
Exp Date: 6/30/2023
Status: New
Department: gcmsvoa
Vendor: Chem Service
Final Volume: 5 mL
Lot Number: 10251200
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL in 90:10 MeOH:H2O. Catalog # M-TCL-1AN5-5ML.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	14443	1	mL	6/30/2023

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF0439
Standard Name: 2nd Source Ketones
Type: Primary
Prep Date: 11/30/2021
Prep By: Melissa Chavez
Exp Date: 11/26/2022
Status: New
Department: gcmsvoa
Vendor: AccuStandard
Final Volume: 1 mL
Lot Number: 221101480
Balance ID:
Comments: Date Prepared is same as Date Received. 2,000 ug/mL in Methanol. Catalog # CLP-022K-10X.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketones Mixture	14567	2	mL	11/26/2022

Stock Source	Base Units	Amount Added
VOCF0439	ug/mL	

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF3517
Spike Name: Internal Standard / Surrogates (INT/SURR)
Type: Secondary
Prep Date: 11/10/2021
Prep By: Alethea M. Shaules
Exp Date: 12/31/2022
Status: New
Department: gcmsvoa
Vendor:
Final Volume: 100 mL
Lot Number:
Balance ID:
Comments: Final Concentration 0.05 ug/uL in MeOH.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	95.5	mL	12/31/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	2 mL
VOCF0426	ug/mL	2.5 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF3529B
Spike Name: 2nd Source MtBE
Prep Date: 11/29/2021
Exp Date: 1/29/2022
Department: gcmsvoa
Vendor:
Lot Number:
Balance ID:
Comments: Final Concentration 0.2 ug/uL

Type: Secondary
Prep By: Alethea M. Shaules
Status:
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	9	mL	1/29/2022

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	1 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF3546A
Standard Name: Liquids
Type: Secondary
Prep Date: 12/13/2021
Prep By: Alethea M. Shaules
Exp Date: 1/13/2022
Status:
Department: GCMSVOA
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected comment and analyte list 11/9/2021 sbd

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EA899	13926	9	mL	1/13/2022

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	1 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF3549
Spike Name: 2nd Source Ketones
Prep Date: 12/15/2021
Exp Date: 1/15/2022
Department: gcmsvoa
Vendor: AccuStandard
Lot Number: 221101480
Balance ID:
Comments: Vial opened for use. 2.0 µg/µL

Type: Primary
Prep By: Melissa Chavez
Status:
Final Volume: 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketones Mixture	14567	1	mL	1/15/2022

Stock Source	Base Units	Amount Added
VOCF0439	ug/mL	1 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF3550
Standard Name: Ketones
Type: Primary
Prep Date: 12/16/2021
Prep By: Melissa Chavez
Exp Date: 1/16/2022
Status:
Department: gcmsvoa
Vendor: Chem Service
Final Volume: 1 mL
Lot Number: 10251200
Balance ID:
Comments: Vial Opened For Use . 2.0 ug/uL in 90:10 MeOH:H2O.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	14443	1	mL	1/16/2022

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	1 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF3558B
Spike Name: 2nd Source Liquids
Prep Date: 12/27/2021
Exp Date: 2/27/2022
Department: gcmsvoa
Vendor:
Lot Number:
Balance ID:
Comments: Final Concentration 0.2ug/uL.

Type: Secondary
Prep By: Steve Dilts
Status: Open
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	9	mL	2/27/2022

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	1 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF3559A
Standard Name: MtBE
Type: Secondary
Prep Date: 12/27/2021
Prep By: Melissa Chavez
Exp Date: 1/27/2022
Status:
Department: gcmsvoa
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: Final Concentration 0.2 ug/uL.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	9	mL	1/27/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	1 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Standard ID: VOCF3562A
Standard Name: Gases
Type: Secondary
Prep Date: 1/3/2022
Prep By: Alethea M. Shaules
Exp Date: 1/10/2022
Status:
Department: GCMSVOA
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	14519	9	mL	1/10/2022

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	1 mL

Analytical RunID VOA5975C.I_220106A Standards Traceability Report

Spike ID: VOCF3566A
Spike Name: 2nd Source Gases
Type: Secondary
Prep Date: 1/4/2022
Prep By: Melissa Chavez
Exp Date: 1/11/2022
Status:
Department: gcmsvoa
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected final volume column to match comments and added final concentrations of analytes. MSC 01/14/2021

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	14519	9	mL	1/11/2022

Stock Source	Base Units	Amount Added
VOCF0417	ug/mL	1 mL

125 Market Street
New Haven, CT 06513
USA

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www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54
Storage Condition: Refrig (0-5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
Benzene	71-43-2	100.0	2002	2002
Bromobenzene	108-86-1	100.0	2003	2003
Bromochloromethane	74-97-5	99.1	2001	1983
Bromodichloromethane	75-27-4	99.0	2002	1982
Bromoform	75-25-2	99.2	2001	1985
n-Butylbenzene	104-51-8	100.0	2002	2002
sec-Butylbenzene	135-98-8	100.0	2001	2001
tert-Butylbenzene	98-06-6	99.0	2003	1983
Carbon tetrachloride	56-23-5	100.0	2003	2003
Chlorobenzene	108-90-7	99.6	2001	1993
Chloroform	67-66-3	99.2	2004	1988
2-Chlorotoluene	95-49-8	99.0	2003	1983
4-Chlorotoluene	106-43-4	99.8	2002	1998
Dibromochloromethane	124-48-1	97.8	2049*	2004
1,2-Dibromo-3-chloropropane	96-12-8	99.2	2001	1985
1,2-Dibromoethane	106-93-4	100.0	2006	2006
Dibromomethane	74-95-3	99.0	2002	1982
1,2-Dichlorobenzene	95-50-1	98.2	2003	1967
1,3-Dichlorobenzene	541-73-1	100.0	2000	2000
1,4-Dichlorobenzene	106-46-7	100.0	2002	2002
1,1-Dichloroethane	75-34-3	98.6	2001	1973
1,2-Dichloroethane	107-06-2	99.8	2010	2006
1,1-Dichloroethene	75-35-4	99.0	2000	1980
cis-1,2-Dichloroethene	156-59-2	99.0	2002	1982
trans-1,2-Dichloroethene	156-60-5	99.5	2001	1991
1,2-Dichloropropane	78-87-5	99.5	2003	1993
1,3-Dichloropropane	142-28-9	96.7	2073*	2005
2,2-Dichloropropane	594-20-7	99.9	2012	2010
1,1-Dichloropropene	563-58-6	98.9	2001	1979
cis-1,3-Dichloropropene **	10061-01-5	93.9	2041*	1916
trans-1,3-Dichloropropene **	10061-02-6	93.9	1968*	1848
Ethylbenzene	100-41-4	99.7	2000	1994
Hexachlorobutadiene	87-68-3	98.0	2003	1963
Isopropylbenzene	98-82-8	100.0	2002	2002
p-Isopropyltoluene	99-87-6	99.4	2000	1988
Methylene chloride	75-09-2	99.9	2001	1999
Naphthalene	91-20-3	100.0	2002	2002
n-Propylbenzene	103-65-1	100.0	2001	2001
Styrene	100-42-5	100.0	2003	2003
1,1,1,2-Tetrachloroethane	630-20-6	98.9	2005	1983
1,1,2,2-Tetrachloroethane	79-34-5	96.0	2087*	2004
Tetrachloroethene	127-18-4	99.4	2017	2005
Toluene	108-88-3	100.0	2001	2001
1,2,3-Trichlorobenzene	87-61-6	100.0	2002	2002

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

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New Haven, CT 06513
USA

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

Component - *continued*	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
1,2,4-Trichlorobenzene	120-82-1	99.6	2001	1993
1,1,1-Trichloroethane	71-55-6	100.0	2002	2002
1,1,2-Trichloroethane	79-00-5	98.6	2000	1972
Trichloroethene	79-01-6	100.0	2003	2003
1,2,3-Trichloropropane	96-18-4	97.5	2055*	2004
1,2,4-Trimethylbenzene	95-63-6	98.2	2001	1965
1,3,5-Trimethylbenzene	108-67-8	98.8	2001	1977
o-Xylene	95-47-6	99.0	2000	1980
m-Xylene	108-38-3	99.2	2002	1986
p-Xylene	106-42-3	95.4	2097*	2001

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Certified By: Larry Decker, Organic QC Manager

ID #: 12797
Opened:_____
Volatile Organic Compounds - Liquids
Expires: 4/13/2023
Rec'd: 6/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

QR-ORG/INO-001
Rev. 5/18

Agilent

ID #: 13292
Opened:
VOC Standard
Expires: 12/31/2023
Rec'd: 11/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: VOC Standard

Product Number: DWM-589N-1

Lot Number: 0006570990

Lot Issue Date: 17-Nov-2020

Expiration Date: 31-Dec-2023

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
bromochloromethane	000074-97-5	RM00009	2010 ± 10 µg/mL
bromodichloromethane	000075-27-4	RM12585	2009 ± 10 µg/mL
bromoform	000075-25-2	RM13987	2010 ± 10 µg/mL
carbon tetrachloride	000056-23-5	RM07576	2010 ± 10 µg/mL
chloroform	000067-66-3	RM13988	2009 ± 10 µg/mL
dibromochloromethane	000124-48-1	RM14843	2009 ± 10 µg/mL
dibromomethane	000074-95-3	RM12878	2009 ± 10 µg/mL
methylene chloride	000075-09-2	RM11650	2009 ± 10 µg/mL
1,2-dibromoethane	000106-93-4	RM00018	2010 ± 10 µg/mL
1,1-dichloroethane	000075-34-3	RM16217	2006 ± 10 µg/mL
1,2-dichloroethane	000107-06-2	RM04655	2005 ± 10 µg/mL
1,1-dichloroethene	000075-35-4	RM14486	2010 ± 10 µg/mL
cis-1,2-dichloroethene	000156-59-2	RM15008	2007 ± 10 µg/mL
trans-1,2-dichloroethene	000156-60-5	RM07565	2008 ± 10 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	RM12632	2005 ± 10 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	RM02540	2009 ± 10 µg/mL
tetrachloroethene	000127-18-4	RM06491	2008 ± 10 µg/mL

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ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 4
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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

1,1,1-trichloroethane	000071-55-6	RM16539	2004 ± 10 µg/mL
1,1,2-trichloroethane	000079-00-5	RM01175	2009 ± 10 µg/mL
trichloroethene	000079-01-6	RM14232	2009 ± 10 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	RM13666	2009 ± 10 µg/mL
1,2-dichloropropane	000078-87-5	RM12821	2008 ± 10 µg/mL
1,3-dichloropropane	000142-28-9	RM02080	2008 ± 10 µg/mL
2,2-dichloropropane	000594-20-7	RM12927	2005 ± 10 µg/mL
1,1-dichloropropene	000563-58-6	RM16190	2010 ± 10 µg/mL
cis-1,3-dichloropropene	010061-01-5	RM12891	2007 ± 10 µg/mL
trans-1,3-dichloropropene	010061-02-6	RM12254	2006 ± 10 µg/mL
hexachlorobutadiene	000087-68-3	RM09157	2005 ± 10 µg/mL
1,2,3-trichloropropane	000096-18-4	RM13082	2004 ± 10 µg/mL
benzene	000071-43-2	RM12931	2009 ± 10 µg/mL
n-butylbenzene	000104-51-8	RM03651	2008 ± 10 µg/mL
sec-butylbenzene	000135-98-8	RM10905	2005 ± 10 µg/mL
tert-butylbenzene	000098-06-6	RM14040	2007 ± 10 µg/mL
ethylbenzene	000100-41-4	RM12195	2006 ± 10 µg/mL
isopropylbenzene	000098-82-8	RM00835	2009 ± 10 µg/mL
4-isopropyltoluene	000099-87-6	RM09747	2009 ± 10 µg/mL
naphthalene	000091-20-3	NT00970	2006 ± 10 µg/mL
n-propylbenzene	000103-65-1	RM12785	2010 ± 10 µg/mL
styrene	000100-42-5	RM13393	2010 ± 10 µg/mL

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

Agilent

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

toluene	000108-88-3	RM06650	2008 ± 10 µg/mL
1,2,4-trimethylbenzene	000095-63-6	RM06731	2002 ± 10 µg/mL
1,3,5-trimethylbenzene	000108-67-8	RM12905	2009 ± 10 µg/mL
o-xylene	000095-47-6	RM15639	2005 ± 10 µg/mL
m-xylene	000108-38-3	RM15919	2006 ± 10 µg/mL
p-xylene	000106-42-3	RM02647	2009 ± 10 µg/mL
bromobenzene	000108-86-1	RM10227	2008 ± 10 µg/mL
chlorobenzene	000108-90-7	RM01874	2008 ± 10 µg/mL
2-chlorotoluene	000095-49-8	RM13774	2007 ± 10 µg/mL
4-chlorotoluene	000106-43-4	RM11750	2009 ± 10 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	2005 ± 10 µg/mL
1,3-dichlorobenzene	000541-73-1	NT00356	2009 ± 10 µg/mL
1,4-dichlorobenzene	000106-46-7	RM12826	2009 ± 10 µg/mL
1,2,3-trichlorobenzene	000087-61-6	RM10193	2007 ± 10 µg/mL
1,2,4-trichlorobenzene	000120-82-1	RM09454	2009 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 4 of 4
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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

Agilent

ID #: 13578
Opened:
Methyl tert-Butyl Ether Standard
Expires: 8/31/2022
Rec'd: 2/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: Methyl tert-Butyl Ether Standard

Product Number: STS-440-1

Lot Number: 0006555762

Lot Issue Date: 19-Aug-2020

Expiration Date: 31-Aug-2022

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system, and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
tert-butylmethyl ether	001634-04-4	RM06568	2006 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X
Description: MtBE
Lot: 220051182
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: May 18, 2020
Expiration: May 18, 2030
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
MtBE	1634-04-4	100.0	2002	2002

ID #: 13920
Opened:_____
MTBE
Expires: 5/18/2030
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

Page 1 of 1

For use in routine laboratory analysis.

CHEMSERVICE INC

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1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Volatile Organics High Concentration Mixture #6

CONCENTRATION	2000ug/ml in Methanol
CATALOG NUMBER	M-VOHC6M5-1ML
LOT NUMBER	11882100
DATE CERTIFIED	05/25/21
EXPIRATION DATE	02/28/22
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratoy use only.
ISO 17034:2016 CERTIFIED	[ ]

ID #: 14142
Opened:
Volatile Organics High Concentration Mixture
Expires: 2/28/2022
Rec'd: 8/3/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11446	Chloroethane	75-00-3	96.300	00001728	100.0	2006.3
N-11665	Dichlorodifluoromethane	75-71-8	96.610	00001729	100.0	2012.7
N-12417	Methyl bromide	74-83-9	96.910	00024694	100.0	2019.0
N-12421	Methyl chloride	74-87-3	96.150	00001731	100.0	2003.1
N-13655	Trichlorofluoromethane	75-69-4	96.300	00027239	99.4	1994.2
N-13748	Vinyl chloride	75-01-4	96.150	00019298	100.0	2003.1

Analytical Test	Value
CONCENTRATION (GC/MSD)	VERIFIED

COA Form
Revision 3 (3/2015)

PJLA Testing
Accreditation #63529

Print Date: 07/28/21

CHEM SERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

Instructions for Use:
Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.
Minimum Sample Size- 0.2 uL for Direct Injection.
Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

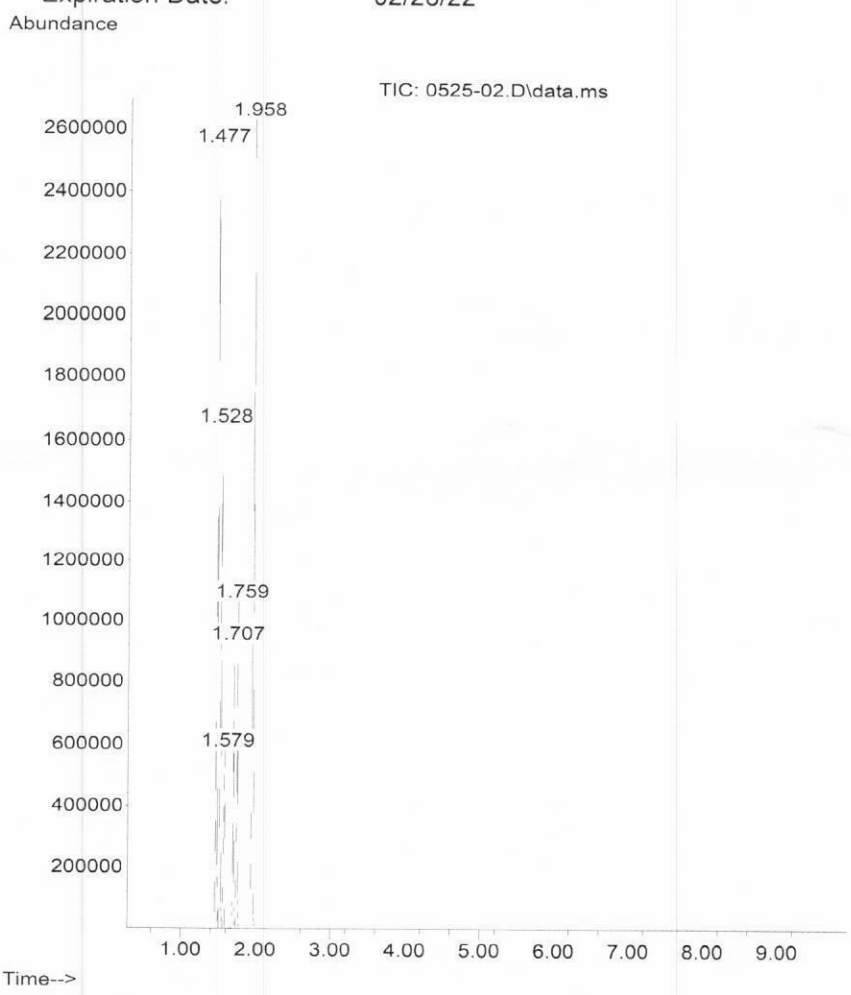
PJLA
Testing
Accreditation #63520

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number:	M-VOHC6M5-1ML
Description:	Volatile Organics High Concentration Mixture #6
Lot Number:	11882100
Expiration Date:	02/28/22



PJLA Testing

ID #: 14251
Opened:
Internal Standard
Expires: 12/31/2022
Rec'd: 9/8/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Agilent

Certificate of Analysis

Product Name: Internal Standard

Product Number: STM-520-1

Lot Number: 0006582580

Lot Issue Date: 05-Jan-2021

Expiration Date: 31-Dec-2022

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
chlorobenzene-d5	003114-55-4	RM12274	2501 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM12517	2501 ± 13 µg/mL
fluorobenzene	000462-06-6	RM13378	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Agilent

Certificate of Analysis

Product Number: STM-520-1 **Lot Number:** 0006582580

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

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ISO 17025 Cert
No. AT-1937

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CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 30058
Lot Number: 080321
Description: EPA Method 502/524 - Volatile Gases Mix #1
6 components
Expiration Date: 080324
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent: Methanol **Lot#** EA783-US

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 500.0 0.058 Flask Uncertainty

Formulated By:	Mario Luis	080321 DATE
Reviewed By:	Pedro L. Rentas	080321 DATE

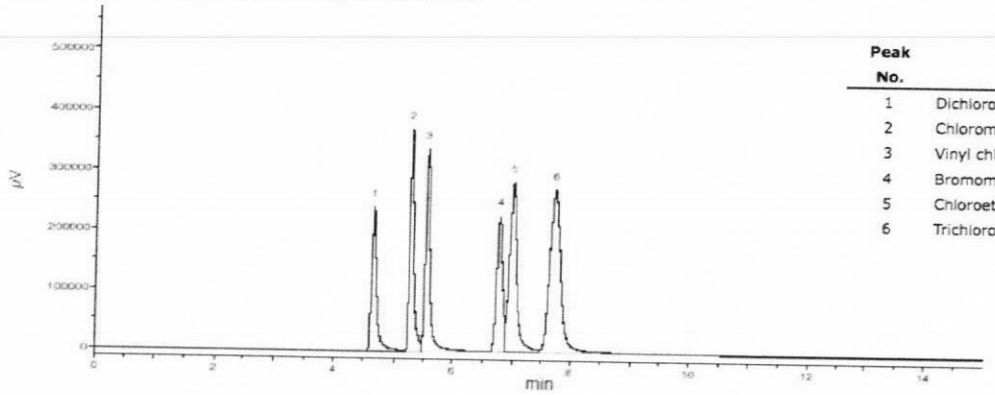
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromomethane	50	01611JX	2000	99.5	0.2	1.00508	1.0098	2009.4	8.1	74-83-9	5 ppm (20mg/m3/8H) (skin)	orl-rat 214mg/kg
2. Chloroethane	72	062617	2000	99	0.2	1.01016	1.0146	2008.8	8.1	75-00-3	1000 ppm (2600mg/m3/8H)	N/A
3. Chloromethane	79	06908MS	2000	99.5	0.2	1.00508	1.0154	2020.5	8.1	74-87-3	100 ppm	orl-rat 1800mg/kg
4. Dichlorodifluoromethane	134	92-0487	2000	99	0.2	1.01016	1.0224	2024.2	8.2	75-71-8	1000 ppm (4950mg/m3/8H)	N/A
5. Trichlorofluoromethane	294	01823MW	2000	99	0.2	1.01016	1.0110	2001.7	8.1	75-69-4	1000 ppm (5600mg/m3/8H)	ipr-mus 1743mg/kg
6. Vinyl chloride	305	04854EA	2000	99.5	0.2	1.00508	1.0071	2004.0	8.1	75-01-4	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC15-M9 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=150mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=40mL/min., Hydrogen(make-up)=100mL/min.
Oven Profile: Temp. 1=35°C (Time 1=9 min.), Temp 2=200°C (Time 2=1 min.),
Rate = 33°C/min., Total run time=15 min. Injector temp.=200°C, FID Temp.=200°C.
ELCD Signal = Edaq Channel 1 PID Signal = Edaq Channel 2
Standard injection = 0.5µL, Range=3 Purge Valve = 0 min.

ID #: 14285
Opened: _____
EPA Method 502-524 - Volatile Gases Mix #1
Expires: 8/3/2024
Rec'd: 9/17/2021
Eneray Laboratories Inc 1120 So. 27th Street
Billings MT 59107



Peak No.	Analyte	ELCD RT (min.)
1	Dichlorodifluoromethane	4.67
2	Chloromethane	5.28
3	Vinyl chloride	5.56
4	Bromomethane	6.75
5	Chloroethane	6.99
6	Trichlorofluoromethane	7.72

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ID #: 14443
Opened:
TCL Ketone Mix
Expires: 6/30/2023
Rec'd: 10/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

CERTIFICATE OF ANALYSIS

TCL Ketones Mixture

CONCENTRATION	2000ug/ml in Methanol:Water (90:10)
CATALOG NUMBER	M-TCL1AN5-1ML
LOT NUMBER	10251200
DATE CERTIFIED	06/16/20
EXPIRATION DATE	06/30/23
STORAGE	Freezer storage (-20 - -25 °C)
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.
ISO 17034:2016 CERTIFIED	[ ]

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11014	Acetone	67-64-1	203.300	00026182	98.7	2006.6
N-10297	2-Butanone	78-93-3	202.800	00027454	99.5	2017.9
N-10369	2-Hexanone	591-78-6	202.600	00025720	99.5	2015.9
N-10844	4-Methyl-2-pentanone	108-10-1	204.700	6403300	99.5	2036.8

Analytical Test	Value
CONCENTRATION (GC/FID)	VERIFIED

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

PJLA Testing

PJLA Reference Material Producer

COA Form
Revision 3 (3/2015)

Print Date: 10/22/21

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Instructions for Use:
Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.
Minimum Sample Size- 0.2 uL for Direct Injection.
Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

PJLA Testing

PJLA Reference Material Producer

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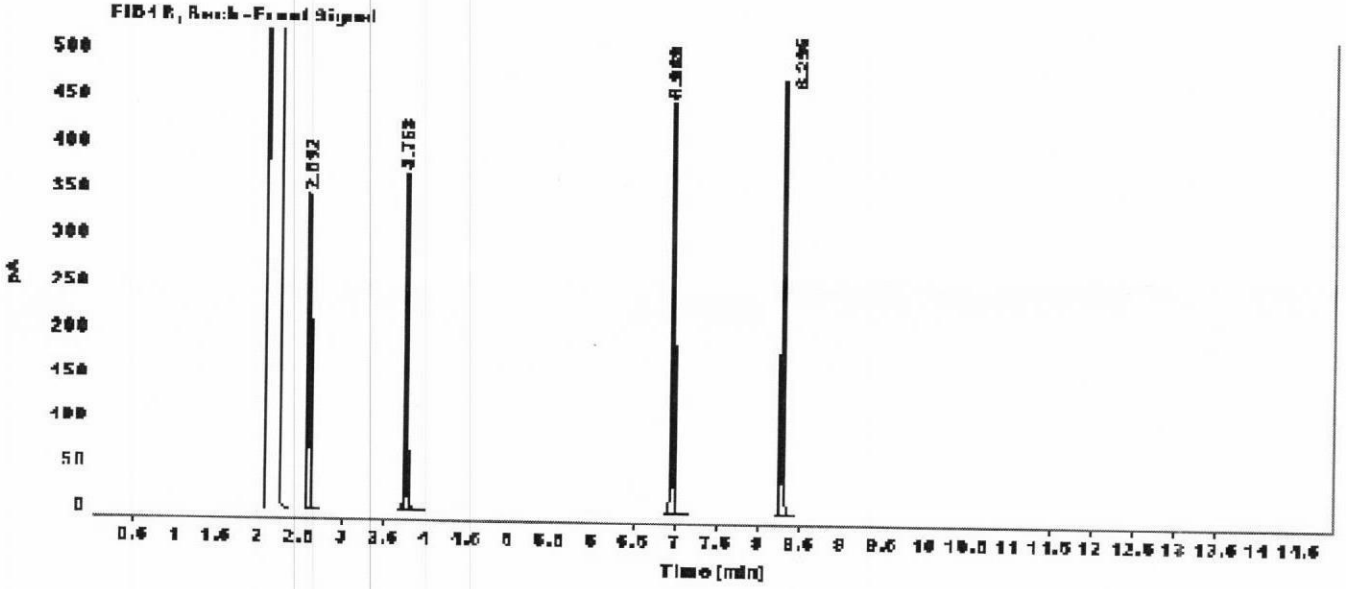
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file:	C:\CHEM32\1\DATA\2020 DATA\0620\M-TCL1AN5.D		
Sample name:	M-TCL1AN5		
Acq. method:	N-14276.M		
Instrument:	GC3	**Location:**	202
Injection date:	6/16/2020 2:52:35 PM	**Injection Vol:**	1.000
Column name:	RTx-5MS (30m x 0.25mm x 0.5µm)	**# Of Injections:**	1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
2.592	BB	0.0277	580.2505	343.4966	18.4655
3.763	BB	0.0323	735.4804	367.8491	23.4054
6.989	BB	0.0326	904.3389	447.8770	28.7791
8.295	BB	0.0307	922.2798	474.3798	29.3500
		Sum	3142.3497		

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

PJLA Testing

PJLA Reference Material Producer

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4
Storage Condition: Freeze (<-10 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463

ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
Acetone	67-64-1	100.0	2004	2004
2-Butanone	78-93-3	100.0	2004	2004
2-Hexanone	591-78-6	98.7	2004	1978
4-Methyl-2-pentanone	108-10-1	100.0	2004	2004

ID #: 14567
Opened:_____
TCL Ketones Mixture
Expires: 11/26/2022
Rec'd: 11/30/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

This Certified Reference Material was verified in accordance with ISO/IEC 17025

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol

Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4

T-Test

AccuStandard, Inc.
Statistical Report for CLP (SOW 1991)
26-Oct-2021

QR-QCO-003 rev. 1/16

RT	Component	CLP-022K-10X 221101480 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	CLP-022K-10X 221041075 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	NOTES: t.025 test	CI 221101480	Component	CI 221041075	# of Runs	Conc.	10 % error check of means
3.74	Acetone (67-64-1)	1925	1881	1854	1803	1866	51.05	2.74%	1751	1712	1750	1764	1744	22.43	1.29%	4.36	119.2	Acetone (67-64-1)	55	4	2000	7 %
5.77	2-Butanone (78-93-3)	2275	2223	2237	2149	2221	52.79	2.38%	2157	2103	2145	2177	2146	31.26	1.46%	2.46	58.5	2-Butanone (78-93-3)	35.9	4	2000	3 %
8.34	4-Methyl-2-pentanone (108-10-1)	3373	3302	3408	3225	3327	81.05	2.44%	3349	3240	3296	3415	3325	74.70	2.25%	0.04	0.9	4-Methyl-2-pentanone (108	0.8	4	2000	0 %
9.13	2-Hexanone (591-78-6)	3260	3199	3332	3118	3227	90.88	2.82%	3186	3072	3120	3239	3154	73.32	2.32%	1.25	35.2	2-Hexanone (591-78-6)	29.1	4	2000	2 %

For use in routine laboratory analysis.

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USA

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol

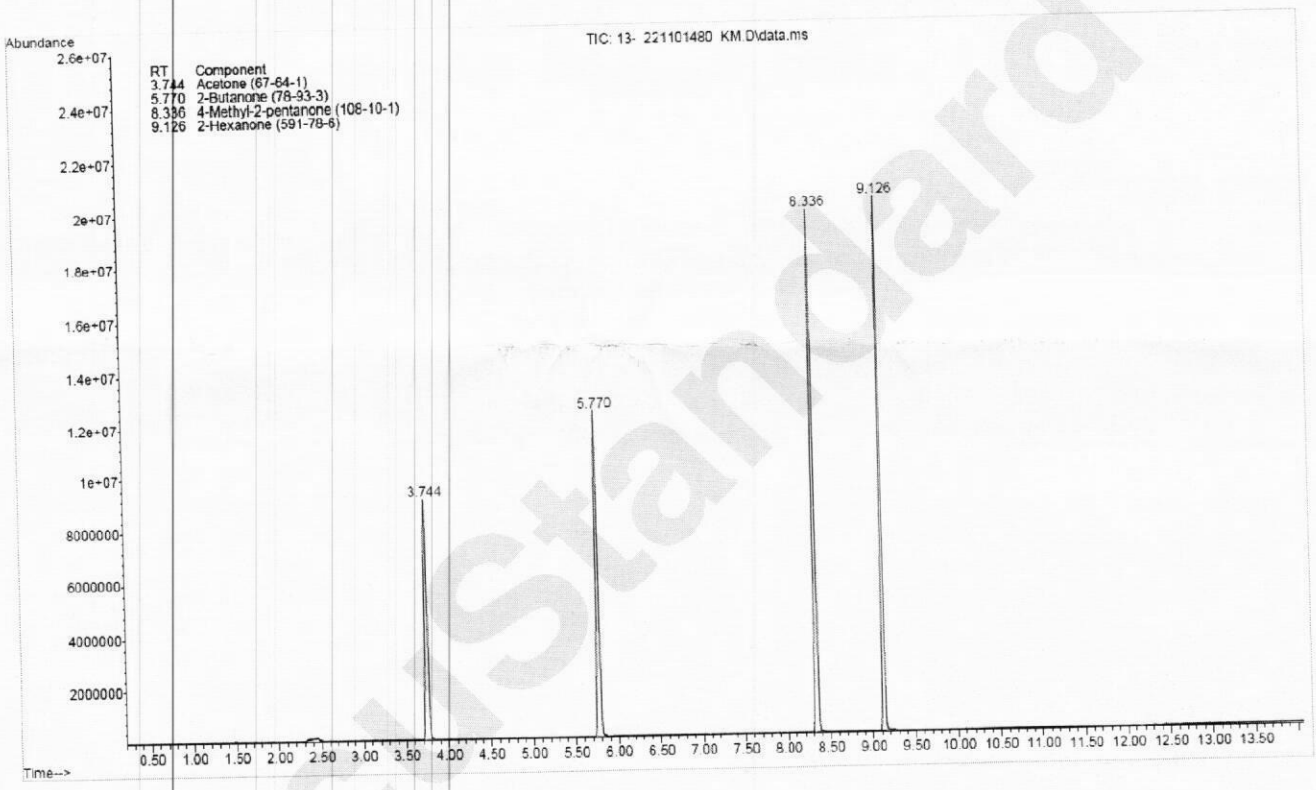
Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4

Chromatogram

File :Q:\GCMS-06 Minimal\DATA\102521\13- 221101480 KM.D
Operator : Organic QC Lab
Acquired : 25 Oct 2021 21:00 using AcqMethod VOC-Split100.M
Instrument : GCMS 6
Sample Name: CLP-022K-10X (221101480)
Misc Info : TCL Ketone Mix @ 2000 ug/mL in MeOH
Vial Number: 34

AccuStandard®

Column: DB-624 UI, 30m x 0.25mm ID x 1.4µm
Oven Program: 35°C (hold 5min), 11°C/min to 60°C, 22°C/min to 230°C (hold 4min)
GC Parameters: Split 100:1, 1µl inj.; GC/MS; injector temp 240°C



For use in routine laboratory analysis.