Energy Laboratories Inc

ANALYTICAL RUN Summary

14-Feb-22

Run ID VOA5975C.I_220119A

Run Start Date: 1/19/2022
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
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
VOCF3546B	Liquids		ul	42	ml	CAL	2/13/2022
VOCF3558B	2nd Source Liquids	1.05	ul	42	ml	ICV	2/27/2022
VOCF3559A	MtBE		ul	42	ml	CAL	1/27/2022
VOCF3563	Internals	8.4	ul	42	ml	CAL	7/3/2022
VOCF3567A	2nd Source Ketones	1.05	ul	42	ml	ICV	2/12/2022
VOCF3569	Ketones		ul	42	ml	CAL	2/17/2022
VOCF3570A	Gases		ul	42	ml	CAL	1/25/2022
VOCF3571A	2nd Source Gases	1.05	ul	42	ml	ICV	1/26/2022
VOCF3573	Calibration Surrogates		ul	42	ml	CAL	7/19/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993103	19JAN02_D_TU	VOC-8260-BFB	TUNE	)A5975C\VG011	1/19/2022 9:34:0	1	R373580		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	%	94.2	94.2		100	0	0	0	0	0	94%	50	99.99	0%	
175, % of mass 174	A	%	7.5	7.5		100	0	0	0	0	0	8%	5	9	0%	
176, % of mass 174	A	%	96.1	96.1		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	%	21.4	21.4		100	0	0	0	0	0	21%	15	40	0%	
75, % of mass 95	A	%	50	50		100	0	0	0	0	0	50%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.7	6.7		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
14993111	MBLK011922_	VOC-8260-W-Q	MBLK	)A5975C\VG011\	1/19/2022 10:13:	1	R373580		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	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	2.5579	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	0.37083	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
14993111	MBLK011922_	VOC-8260-W-Q	MBLK	)A5975C\VG011	1/19/2022 10:13:	1	R373580		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	1.79994	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	0.3842	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	296.9186	11.876744		10	0	0	0.229	0.5	500	119%	70	130	0%	
Dibromofluoromethane	S	ug/L	281.32071	11.2528284		10	0	0	0.129	0.5	500	113%	77	126	0%	
p-Bromofluorobenzene	S	ug/L	261.10788	10.4443152		10	0	0	0.149	0.5	500	104%	76	127	0%	
Toluene-d8	S	ug/L	258.94128	10.3576512		10	0	0	0.23	0.5	500	104%	79	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993112	ICAL011922_1	VOC-8260-W-Q	CAL1	)A5975C\VG011	1/19/2022 10:48:	1	R373580		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	2.56161	0.1024644		0.1	0	0	0.0746	0.5	500	102%	50	150	0%	
1,2-Dichloroethane	A	ug/L	2.90043	0.1160172		0.1	0	0	0.116	0.5	500	116%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	2.60665	0.104266		0.1	0	0	0.0803	0.5	500	104%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	2.71995	0.108798		0.1	0	0	0.0858	0.5	500	109%	50	150	0%	
Benzene	A	ug/L	2.63388	0.1053552		0.1	0	0	0.0914	0.5	500	105%	50	150	0%	
Chloroform	A	ug/L	3.06575	0.12263		0.1	0	0	0.0789	0.5	500	123%	50	150	0%	
Ethylbenzene	A	ug/L	2.90887	0.1163548		0.1	0	0	0.0836	0.5	500	116%	50	150	0%	
m+p-Xylenes	A	ug/L	6.17379	0.2469516		0.2	0	0	0.15	0.5	1000	123%	50	150	0%	
o-Xylene	A	ug/L	3.08858	0.1235432		0.1	0	0	0.0604	0.5	500	124%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993112	ICAL011922_1	VOC-8260-W-Q	CAL1	)A5975C\VG011	1/19/2022 10:48:	1	R373580		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Styrene	A	ug/L	3.18392	0.1273568		0.1	0	0	0.067	0.5	500	127%	50	150	0%	
Tetrachloroethene	A	ug/L	2.62409	0.1049636		0.1	0	0	0.0671	0.5	500	105%	50	150	0%	
Toluene	A	ug/L	2.65	0.106		0.1	0	0	0.0679	0.5	500	106%	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	9.26237	0.3704948		0.3	0	0	0.0604	0.5	1500	123%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993113	ICAL011922_2	VOC-8260-W-Q	CAL2	)A5975C\VG011	1/19/2022 11:15:	1	R373580		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	12.03781	0.4815124		0.5	0	0	0.101	0.5	500	96%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	11.55095	0.462038		0.5	0	0	0.131	0.5	500	92%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	12.30338	0.4921352		0.5	0	0	0.0872	0.5	500	98%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	11.9543	0.478172		0.5	0	0	0.108	0.5	500	96%	50	150	0%	
1,1-Dichloroethane	A	ug/L	11.84931	0.4739724		0.5	0	0	0.135	0.5	500	95%	50	150	0%	
1,1-Dichloroethene	A	ug/L	11.68996	0.4675984		0.5	0	0	0.141	0.5	500	94%	50	150	0%	
1,1-Dichloropropene	A	ug/L	10.64606	0.4258424		0.5	0	0	0.083	0.5	500	85%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	12.3825	0.4953		0.5	0	0	0.235	0.5	500	99%	50	150	0%	
1,2-Dibromoethane	A	ug/L	11.21917	0.4487668		0.5	0	0	0.0916	0.5	500	90%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	11.56015	0.462406		0.5	0	0	0.0746	0.5	500	92%	70	130	0%	
1,2-Dichloroethane	A	ug/L	12.55104	0.5020416		0.5	0	0	0.116	0.5	500	100%	70	130	0%	
1,2-Dichloropropane	A	ug/L	11.50326	0.4601304		0.5	0	0	0.0847	0.5	500	92%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	11.51233	0.4604932		0.5	0	0	0.0803	0.5	500	92%	70	130	0%	
1,3-Dichloropropane	A	ug/L	12.39024	0.4956096		0.5	0	0	0.0791	0.5	500	99%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	11.70084	0.4680336		0.5	0	0	0.0858	0.5	500	94%	70	130	0%	
2,2-Dichloropropane	A	ug/L	12.0798	0.483192		0.5	0	0	0.186	0.5	500	97%	50	150	0%	
2-Chlorotoluene	A	ug/L	11.12433	0.4449732		0.5	0	0	0.0876	0.5	500	89%	50	150	0%	
4-Chlorotoluene	A	ug/L	10.21022	0.4084088		0.5	0	0	0.0728	0.5	500	82%	50	150	0%	
Benzene	A	ug/L	11.72138	0.4688552		0.5	0	0	0.0914	0.5	500	94%	70	130	0%	
Bromobenzene	A	ug/L	11.92659	0.4770636		0.5	0	0	0.0831	0.5	500	95%	50	150	0%	
Bromochloromethane	A	ug/L	12.15138	0.4860552		0.5	0	0	0.141	0.5	500	97%	50	150	0%	
Bromodichloromethane	A	ug/L	12.28616	0.4914464		0.5	0	0	0.12	0.5	500	98%	50	150	0%	
Bromoform	A	ug/L	13.0389	0.521556		0.5	0	0	0.119	0.5	500	104%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993113	ICAL011922_2	VOC-8260-W-Q	CAL2	)A5975C\VG011	1/19/2022 11:15:	1	R373580		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Bromomethane	A	ug/L	12.94988	0.5179952		0.5	0	0	0.253	0.5	500	104%	50	150	0%	
Carbon tetrachloride	A	ug/L	11.30839	0.4523356		0.5	0	0	0.143	0.5	500	90%	50	150	0%	
Chlorobenzene	A	ug/L	11.93316	0.4773264		0.5	0	0	0.0914	0.5	500	95%	50	150	0%	
Chlorodibromomethane	A	ug/L	12.44487	0.4977948		0.5	0	0	0.0841	0.5	500	100%	50	150	0%	
Chloroethane	A	ug/L	12.00958	0.4803832		0.5	0	0	0.169	0.5	500	96%	50	150	0%	
Chloroform	A	ug/L	11.92708	0.4770832		0.5	0	0	0.0789	0.5	500	95%	70	130	0%	
Chloromethane	A	ug/L	12.10942	0.4843768		0.5	0	0	0.162	0.5	500	97%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	11.68991	0.4675964		0.5	0	0	0.108	0.5	500	94%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	11.6126	0.464504		0.5	0	0	0.073	0.5	500	93%	50	150	0%	
Dibromomethane	A	ug/L	11.74498	0.4697992		0.5	0	0	0.147	0.5	500	94%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	11.7428	0.469712		0.5	0	0	0.175	0.5	500	94%	50	150	0%	
Ethylbenzene	A	ug/L	11.9196	0.476784		0.5	0	0	0.0836	0.5	500	95%	70	130	0%	
m+p-Xylenes	A	ug/L	22.16451	0.8865804		1	0	0	0.15	0.5	1000	89%	70	130	0%	
Methyl ethyl ketone	A	ug/L	123.19473	4.9277892		5	0	0	1.77	10	5000	99%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	12.20038	0.4880152		0.5	0	0	0.101	0.5	500	98%	50	150	0%	
Methylene chloride	A	ug/L	13.38833	0.5355332		0.5	0	0	0.338	0.5	500	107%	50	150	0%	
o-Xylene	A	ug/L	11.32344	0.4529376		0.5	0	0	0.0604	0.5	500	91%	70	130	0%	
Styrene	A	ug/L	10.92337	0.4369348		0.5	0	0	0.067	0.5	500	87%	70	130	0%	
Tetrachloroethene	A	ug/L	10.83554	0.4334216		0.5	0	0	0.0671	0.5	500	87%	70	130	0%	
Toluene	A	ug/L	10.7342	0.429368		0.5	0	0	0.0679	0.5	500	86%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	12.53264	0.5013056		0.5	0	0	0.125	0.5	500	100%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	11.17555	0.447022		0.5	0	0	0.0846	0.5	500	89%	50	150	0%	
Trichloroethene	A	ug/L	11.65772	0.4663088		0.5	0	0	0.0993	0.5	500	93%	50	150	0%	
Trichlorofluoromethane	A	ug/L	12.18881	0.4875524		0.5	0	0	0.134	0.5	500	98%	50	150	0%	
Vinyl chloride	A	ug/L	12.29095	0.491638		0.5	0	0	0.153	0.5	500	98%	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	33.48795	1.339518		1.5	0	0	0.0604	0.5	1500	89%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	12.48825	0.49953		0.5	0	0	0.229	0.5	500	100%	50	150	0%	
Dibromofluoromethane	S	ug/L	12.2386	0.489544		0.5	0	0	0.129	0.5	500	98%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	11.469	0.45876		0.5	0	0	0.149	0.5	500	92%	50	150	0%	
Toluene-d8	S	ug/L	11.09271	0.4437084		0.5	0	0	0.23	0.5	500	89%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14993114	ICAL011922_3	VOC-8260-W-Q	CAL3	)A5975C\VG011\	1/19/2022 11:42:	1	R373580		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	24.29982	0.9719928		1	0	0	0.101	0.5	500	97%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	24.59188	0.9836752		1	0	0	0.131	0.5	500	98%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	25.26178	1.0104712		1	0	0	0.0872	0.5	500	101%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	23.98758	0.9595032		1	0	0	0.108	0.5	500	96%	70	130	0%	
1,1-Dichloroethane	A	ug/L	25.32772	1.0131088		1	0	0	0.135	0.5	500	101%	70	130	0%	
1,1-Dichloroethene	A	ug/L	25.12213	1.0048852		1	0	0	0.141	0.5	500	100%	70	130	0%	
1,1-Dichloropropene	A	ug/L	23.25503	0.9302012		1	0	0	0.083	0.5	500	93%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	25.64354	1.0257416		1	0	0	0.235	0.5	500	103%	70	130	0%	
1,2-Dibromoethane	A	ug/L	25.34313	1.0137252		1	0	0	0.0916	0.5	500	101%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	25.09561	1.0038244		1	0	0	0.0746	0.5	500	100%	70	130	0%	
1,2-Dichloroethane	A	ug/L	24.11387	0.9645548		1	0	0	0.116	0.5	500	96%	70	130	0%	
1,2-Dichloropropane	A	ug/L	24.05552	0.9622208		1	0	0	0.0847	0.5	500	96%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	24.74451	0.9897804		1	0	0	0.0803	0.5	500	99%	70	130	0%	
1,3-Dichloropropane	A	ug/L	24.4891	0.979564		1	0	0	0.0791	0.5	500	98%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	24.93753	0.9975012		1	0	0	0.0858	0.5	500	100%	70	130	0%	
2,2-Dichloropropane	A	ug/L	25.46947	1.0187788		1	0	0	0.186	0.5	500	102%	70	130	0%	
2-Chlorotoluene	A	ug/L	24.60375	0.98415		1	0	0	0.0876	0.5	500	98%	70	130	0%	
4-Chlorotoluene	A	ug/L	23.76256	0.9505024		1	0	0	0.0728	0.5	500	95%	70	130	0%	
Benzene	A	ug/L	23.44421	0.9377684		1	0	0	0.0914	0.5	500	94%	70	130	0%	
Bromobenzene	A	ug/L	24.17617	0.9670468		1	0	0	0.0831	0.5	500	97%	70	130	0%	
Bromochloromethane	A	ug/L	25.29397	1.0117588		1	0	0	0.141	0.5	500	101%	70	130	0%	
Bromodichloromethane	A	ug/L	24.88164	0.9952656		1	0	0	0.12	0.5	500	100%	70	130	0%	
Bromoform	A	ug/L	25.73239	1.0292956		1	0	0	0.119	0.5	500	103%	70	130	0%	
Bromomethane	A	ug/L	26.14002	1.0456008		1	0	0	0.253	0.5	500	105%	70	130	0%	
Carbon tetrachloride	A	ug/L	24.59553	0.9838212		1	0	0	0.143	0.5	500	98%	70	130	0%	
Chlorobenzene	A	ug/L	24.30396	0.9721584		1	0	0	0.0914	0.5	500	97%	70	130	0%	
Chlorodibromomethane	A	ug/L	24.10204	0.9640816		1	0	0	0.0841	0.5	500	96%	70	130	0%	
Chloroethane	A	ug/L	27.05322	1.0821288		1	0	0	0.169	0.5	500	108%	70	130	0%	
Chloroform	A	ug/L	24.01936	0.9607744		1	0	0	0.0789	0.5	500	96%	70	130	0%	
Chloromethane	A	ug/L	26.08603	1.0434412		1	0	0	0.162	0.5	500	104%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	24.17583	0.9670332		1	0	0	0.108	0.5	500	97%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	22.71108	0.9084432		1	0	0	0.073	0.5	500	91%	70	130	0%	
Dibromomethane	A	ug/L	25.53036	1.0212144		1	0	0	0.147	0.5	500	102%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	25.20923	1.0083692		1	0	0	0.175	0.5	500	101%	70	130	0%	
Ethylbenzene	A	ug/L	24.09209	0.9636836		1	0	0	0.0836	0.5	500	96%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993114	ICAL011922_3	VOC-8260-W-Q	CAL3	)A5975C\VG011	1/19/2022 11:42:	1	R373580		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	47.56168	1.9024672		2	0	0	0.15	0.5	1000	95%	70	130	0%	
Methyl ethyl ketone	A	ug/L	232.00881	9.2803524		10	0	0	1.77	10	5000	93%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	23.51755	0.940702		1	0	0	0.101	0.5	500	94%	70	130	0%	
Methylene chloride	A	ug/L	27.26568	1.0906272		1	0	0	0.338	0.5	500	109%	70	130	0%	
o-Xylene	A	ug/L	23.38337	0.9353348		1	0	0	0.0604	0.5	500	94%	70	130	0%	
Styrene	A	ug/L	23.22155	0.928862		1	0	0	0.067	0.5	500	93%	70	130	0%	
Tetrachloroethene	A	ug/L	24.98591	0.9994364		1	0	0	0.0671	0.5	500	100%	70	130	0%	
Toluene	A	ug/L	23.1991	0.927964		1	0	0	0.0679	0.5	500	93%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	25.11116	1.0044464		1	0	0	0.125	0.5	500	100%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	23.21356	0.9285424		1	0	0	0.0846	0.5	500	93%	70	130	0%	
Trichloroethene	A	ug/L	24.33224	0.9732896		1	0	0	0.0993	0.5	500	97%	70	130	0%	
Trichlorofluoromethane	A	ug/L	25.40882	1.0163528		1	0	0	0.134	0.5	500	102%	70	130	0%	
Vinyl chloride	A	ug/L	25.49685	1.019874		1	0	0	0.153	0.5	500	102%	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	70.94505	2.837802		3	0	0	0.0604	0.5	1500	95%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	25.16748	1.0066992		1	0	0	0.229	0.5	500	101%	70	130	0%	
Dibromofluoromethane	S	ug/L	25.01787	1.0007148		1	0	0	0.129	0.5	500	100%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	24.24738	0.9698952		1	0	0	0.149	0.5	500	97%	70	130	0%	
Toluene-d8	S	ug/L	23.00531	0.9202124		1	0	0	0.23	0.5	500	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993115	ICAL011922_4	VOC-8260-W-Q	CAL4	)A5975C\VG011	1/19/2022 12:09:	1	R373580		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	46.87757	1.8751028		2	0	0	0.101	0.5	500	94%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	48.19441	1.9277764		2	0	0	0.131	0.5	500	96%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	50.15311	2.0061244		2	0	0	0.0872	0.5	500	100%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	47.51097	1.9004388		2	0	0	0.108	0.5	500	95%	70	130	0%	
1,1-Dichloroethane	A	ug/L	48.16509	1.9266036		2	0	0	0.135	0.5	500	96%	70	130	0%	
1,1-Dichloroethene	A	ug/L	47.66551	1.9066204		2	0	0	0.141	0.5	500	95%	70	130	0%	
1,1-Dichloropropene	A	ug/L	44.64836	1.7859344		2	0	0	0.083	0.5	500	89%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	47.9073	1.916292		2	0	0	0.235	0.5	500	96%	70	130	0%	
1,2-Dibromoethane	A	ug/L	46.21521	1.8486084		2	0	0	0.0916	0.5	500	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993115	ICAL011922_4	VOC-8260-W-Q	CAL4	)A5975C\VG011\	1/19/2022 12:09:	1	R373580		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	45.71628	1.8286512		2	0	0	0.0746	0.5	500	91%	70	130	0%	
1,2-Dichloroethane	A	ug/L	48.93365	1.957346		2	0	0	0.116	0.5	500	98%	70	130	0%	
1,2-Dichloropropane	A	ug/L	46.1437	1.845748		2	0	0	0.0847	0.5	500	92%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	47.20101	1.8880404		2	0	0	0.0803	0.5	500	94%	70	130	0%	
1,3-Dichloropropane	A	ug/L	46.55683	1.8622732		2	0	0	0.0791	0.5	500	93%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	45.63319	1.8253276		2	0	0	0.0858	0.5	500	91%	70	130	0%	
2,2-Dichloropropane	A	ug/L	47.95819	1.9183276		2	0	0	0.186	0.5	500	96%	70	130	0%	
2-Chlorotoluene	A	ug/L	43.82762	1.7531048		2	0	0	0.0876	0.5	500	88%	70	130	0%	
4-Chlorotoluene	A	ug/L	45.74521	1.8298084		2	0	0	0.0728	0.5	500	91%	70	130	0%	
Benzene	A	ug/L	46.4135	1.85654		2	0	0	0.0914	0.5	500	93%	70	130	0%	
Bromobenzene	A	ug/L	46.29672	1.8518688		2	0	0	0.0831	0.5	500	93%	70	130	0%	
Bromochloromethane	A	ug/L	48.86136	1.9544544		2	0	0	0.141	0.5	500	98%	70	130	0%	
Bromodichloromethane	A	ug/L	46.66744	1.8666976		2	0	0	0.12	0.5	500	93%	70	130	0%	
Bromoform	A	ug/L	46.23167	1.8492668		2	0	0	0.119	0.5	500	92%	70	130	0%	
Bromomethane	A	ug/L	48.05999	1.9223996		2	0	0	0.253	0.5	500	96%	70	130	0%	
Carbon tetrachloride	A	ug/L	47.36264	1.8945056		2	0	0	0.143	0.5	500	95%	70	130	0%	
Chlorobenzene	A	ug/L	46.72829	1.8691316		2	0	0	0.0914	0.5	500	93%	70	130	0%	
Chlorodibromomethane	A	ug/L	46.00583	1.8402332		2	0	0	0.0841	0.5	500	92%	70	130	0%	
Chloroethane	A	ug/L	48.33063	1.9332252		2	0	0	0.169	0.5	500	97%	70	130	0%	
Chloroform	A	ug/L	47.31287	1.8925148		2	0	0	0.0789	0.5	500	95%	70	130	0%	
Chloromethane	A	ug/L	49.62746	1.9850984		2	0	0	0.162	0.5	500	99%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	46.09973	1.8439892		2	0	0	0.108	0.5	500	92%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	43.36449	1.7345796		2	0	0	0.073	0.5	500	87%	70	130	0%	
Dibromomethane	A	ug/L	47.76659	1.9106636		2	0	0	0.147	0.5	500	96%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	47.76052	1.9104208		2	0	0	0.175	0.5	500	96%	70	130	0%	
Ethylbenzene	A	ug/L	44.73374	1.7893496		2	0	0	0.0836	0.5	500	89%	70	130	0%	
m+p-Xylenes	A	ug/L	89.33288	3.5733152		4	0	0	0.15	0.5	1000	89%	70	130	0%	
Methyl ethyl ketone	A	ug/L	474.78207	18.9912828		20	0	0	1.77	10	5000	95%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	47.39841	1.8959364		2	0	0	0.101	0.5	500	95%	70	130	0%	
Methylene chloride	A	ug/L	49.36125	1.97445		2	0	0	0.338	0.5	500	99%	70	130	0%	
o-Xylene	A	ug/L	44.23203	1.7692812		2	0	0	0.0604	0.5	500	88%	70	130	0%	
Styrene	A	ug/L	44.29737	1.7718948		2	0	0	0.067	0.5	500	89%	70	130	0%	
Tetrachloroethene	A	ug/L	46.08198	1.8432792		2	0	0	0.0671	0.5	500	92%	70	130	0%	
Toluene	A	ug/L	44.66304	1.7865216		2	0	0	0.0679	0.5	500	89%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	46.24552	1.8498208		2	0	0	0.125	0.5	500	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993115	ICAL011922_4	VOC-8260-W-Q	CAL4	)A5975C\VG011	1/19/2022 12:09:	1	R373580		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	45.22155	1.808862		2	0	0	0.0846	0.5	500	90%	70	130	0%	
Trichloroethene	A	ug/L	46.31489	1.8525956		2	0	0	0.0993	0.5	500	93%	70	130	0%	
Trichlorofluoromethane	A	ug/L	47.3799	1.895196		2	0	0	0.134	0.5	500	95%	70	130	0%	
Vinyl chloride	A	ug/L	47.71052	1.9084208		2	0	0	0.153	0.5	500	95%	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	133.56491	5.3425964		6	0	0	0.0604	0.5	1500	89%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	48.68311	1.9473244		2	0	0	0.229	0.5	500	97%	70	130	0%	
Dibromofluoromethane	S	ug/L	49.23347	1.9693388		2	0	0	0.129	0.5	500	98%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	46.4666	1.858664		2	0	0	0.149	0.5	500	93%	70	130	0%	
Toluene-d8	S	ug/L	45.84352	1.8337408		2	0	0	0.23	0.5	500	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993116	ICAL011922_5	VOC-8260-W-Q	CAL5	)A5975C\VG011	1/19/2022 1:04:2	1	R373580		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	122.79511	4.9118044		5	0	0	0.101	0.5	500	98%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	123.8043	4.952172		5	0	0	0.131	0.5	500	99%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	121.31807	4.8527228		5	0	0	0.0872	0.5	500	97%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	125.78237	5.0312948		5	0	0	0.108	0.5	500	101%	70	130	0%	
1,1-Dichloroethane	A	ug/L	123.80376	4.9521504		5	0	0	0.135	0.5	500	99%	70	130	0%	
1,1-Dichloroethene	A	ug/L	122.95963	4.9183852		5	0	0	0.141	0.5	500	98%	70	130	0%	
1,1-Dichloropropene	A	ug/L	125.9718	5.038872		5	0	0	0.083	0.5	500	101%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	120.56102	4.8224408		5	0	0	0.235	0.5	500	96%	70	130	0%	
1,2-Dibromoethane	A	ug/L	126.20468	5.0481872		5	0	0	0.0916	0.5	500	101%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	123.95073	4.9580292		5	0	0	0.0746	0.5	500	99%	70	130	0%	
1,2-Dichloroethane	A	ug/L	115.6442	4.625768		5	0	0	0.116	0.5	500	93%	70	130	0%	
1,2-Dichloropropane	A	ug/L	122.95886	4.9183544		5	0	0	0.0847	0.5	500	98%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	122.19059	4.8876236		5	0	0	0.0803	0.5	500	98%	70	130	0%	
1,3-Dichloropropane	A	ug/L	119.39501	4.7758004		5	0	0	0.0791	0.5	500	96%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	123.13122	4.9252488		5	0	0	0.0858	0.5	500	99%	70	130	0%	
2,2-Dichloropropane	A	ug/L	122.57363	4.9029452		5	0	0	0.186	0.5	500	98%	70	130	0%	
2-Chlorotoluene	A	ug/L	127.39561	5.0958244		5	0	0	0.0876	0.5	500	102%	70	130	0%	
4-Chlorotoluene	A	ug/L	129.55214	5.1820856		5	0	0	0.0728	0.5	500	104%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14993116	ICAL011922_5	VOC-8260-W-Q	CAL5	)A5975C\VG011	1/19/2022 1:04:2	1	R373580		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	124.45449	4.9781796		5	0	0	0.0914	0.5	500	100%	70	130	0%	
Bromobenzene	A	ug/L	124.53646	4.9814584		5	0	0	0.0831	0.5	500	100%	70	130	0%	
Bromochloromethane	A	ug/L	124.02581	4.9610324		5	0	0	0.141	0.5	500	99%	70	130	0%	
Bromodichloromethane	A	ug/L	121.22551	4.8490204		5	0	0	0.12	0.5	500	97%	70	130	0%	
Bromoform	A	ug/L	120.91579	4.8366316		5	0	0	0.119	0.5	500	97%	70	130	0%	
Bromomethane	A	ug/L	112.181	4.48724		5	0	0	0.253	0.5	500	90%	70	130	0%	
Carbon tetrachloride	A	ug/L	123.95204	4.9580816		5	0	0	0.143	0.5	500	99%	70	130	0%	
Chlorobenzene	A	ug/L	122.81845	4.912738		5	0	0	0.0914	0.5	500	98%	70	130	0%	
Chlorodibromomethane	A	ug/L	123.07292	4.9229168		5	0	0	0.0841	0.5	500	98%	70	130	0%	
Chloroethane	A	ug/L	112.26554	4.4906216		5	0	0	0.169	0.5	500	90%	70	130	0%	
Chloroform	A	ug/L	118.32456	4.7329824		5	0	0	0.0789	0.5	500	95%	70	130	0%	
Chloromethane	A	ug/L	125.79911	5.0319644		5	0	0	0.162	0.5	500	101%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	125.52039	5.0208156		5	0	0	0.108	0.5	500	100%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	123.40028	4.9360112		5	0	0	0.073	0.5	500	99%	70	130	0%	
Dibromomethane	A	ug/L	121.7998	4.871992		5	0	0	0.147	0.5	500	97%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	129.1152	5.164608		5	0	0	0.175	0.5	500	103%	70	130	0%	
Ethylbenzene	A	ug/L	123.10214	4.9240856		5	0	0	0.0836	0.5	500	98%	70	130	0%	
m+p-Xylenes	A	ug/L	248.10484	9.9241936		10	0	0	0.15	0.5	1000	99%	70	130	0%	
Methyl ethyl ketone	A	ug/L	1186.51975	47.46079		50	0	0	1.77	10	5000	95%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	123.46483	4.9385932		5	0	0	0.101	0.5	500	99%	70	130	0%	
Methylene chloride	A	ug/L	120.03953	4.8015812		5	0	0	0.338	0.5	500	96%	70	130	0%	
o-Xylene	A	ug/L	125.18718	5.0074872		5	0	0	0.0604	0.5	500	100%	70	130	0%	
Styrene	A	ug/L	123.7696	4.950784		5	0	0	0.067	0.5	500	99%	70	130	0%	
Tetrachloroethene	A	ug/L	125.30349	5.0121396		5	0	0	0.0671	0.5	500	100%	70	130	0%	
Toluene	A	ug/L	125.42915	5.017166		5	0	0	0.0679	0.5	500	100%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	124.2147	4.968588		5	0	0	0.125	0.5	500	99%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	124.62799	4.9851196		5	0	0	0.0846	0.5	500	100%	70	130	0%	
Trichloroethene	A	ug/L	121.80953	4.8723812		5	0	0	0.0993	0.5	500	97%	70	130	0%	
Trichlorofluoromethane	A	ug/L	131.0926	5.243704		5	0	0	0.134	0.5	500	105%	70	130	0%	
Vinyl chloride	A	ug/L	124.84079	4.9936316		5	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	373.29202	14.9316808		15	0	0	0.0604	0.5	1500	100%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	126.73026	5.0692104		5	0	0	0.229	0.5	500	101%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993116	ICAL011922_5	VOC-8260-W-Q	CAL5	)A5975C\VG011	1/19/2022 1:04:2	1	R373580		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	121.8025	4.8721		5	0	0	0.129	0.5	500	97%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	125.01888	5.0007552		5	0	0	0.149	0.5	500	100%	70	130	0%	
Toluene-d8	S	ug/L	128.03806	5.1215224		5	0	0	0.23	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
14993117	ICAL011922_6	VOC-8260-W-Q	CAL6	)A5975C\VG011	1/19/2022 1:58:4	1	R373580		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	263.1086	10.524344		10	0	0	0.101	0.5	500	105%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	264.43182	10.5772728		10	0	0	0.131	0.5	500	106%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	256.80676	10.2722704		10	0	0	0.0872	0.5	500	103%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	260.6902	10.427608		10	0	0	0.108	0.5	500	104%	70	130	0%	
1,1-Dichloroethane	A	ug/L	260.03776	10.4015104		10	0	0	0.135	0.5	500	104%	70	130	0%	
1,1-Dichloroethene	A	ug/L	265.38957	10.6155828		10	0	0	0.141	0.5	500	106%	70	130	0%	
1,1-Dichloropropene	A	ug/L	275.64546	11.0258184		10	0	0	0.083	0.5	500	110%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	264.34203	10.5736812		10	0	0	0.235	0.5	500	106%	70	130	0%	
1,2-Dibromoethane	A	ug/L	265.92909	10.6371636		10	0	0	0.0916	0.5	500	106%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	265.45139	10.6180556		10	0	0	0.0746	0.5	500	106%	70	130	0%	
1,2-Dichloroethane	A	ug/L	245.44039	9.8176156		10	0	0	0.116	0.5	500	98%	70	130	0%	
1,2-Dichloropropane	A	ug/L	268.02802	10.7211208		10	0	0	0.0847	0.5	500	107%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	264.23691	10.5694764		10	0	0	0.0803	0.5	500	106%	70	130	0%	
1,3-Dichloropropane	A	ug/L	260.4297	10.417188		10	0	0	0.0791	0.5	500	104%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	260.21395	10.408558		10	0	0	0.0858	0.5	500	104%	70	130	0%	
2,2-Dichloropropane	A	ug/L	258.89815	10.355926		10	0	0	0.186	0.5	500	104%	70	130	0%	
2-Chlorotoluene	A	ug/L	274.60299	10.9841196		10	0	0	0.0876	0.5	500	110%	70	130	0%	
4-Chlorotoluene	A	ug/L	278.6073	11.144292		10	0	0	0.0728	0.5	500	111%	70	130	0%	
Benzene	A	ug/L	263.37887	10.5351548		10	0	0	0.0914	0.5	500	105%	70	130	0%	
Bromobenzene	A	ug/L	267.41392	10.6965568		10	0	0	0.0831	0.5	500	107%	70	130	0%	
Bromochloromethane	A	ug/L	262.8745	10.51498		10	0	0	0.141	0.5	500	105%	70	130	0%	
Bromodichloromethane	A	ug/L	260.10154	10.4040616		10	0	0	0.12	0.5	500	104%	70	130	0%	
Bromoform	A	ug/L	255.81511	10.2326044		10	0	0	0.119	0.5	500	102%	70	130	0%	
Bromomethane	A	ug/L	264.99935	10.599974		10	0	0	0.253	0.5	500	106%	70	130	0%	
Carbon tetrachloride	A	ug/L	266.17534	10.6470136		10	0	0	0.143	0.5	500	106%	70	130	0%	
Chlorobenzene	A	ug/L	263.10993	10.5243972		10	0	0	0.0914	0.5	500	105%	70	130	0%	
Chlorodibromomethane	A	ug/L	261.4293	10.457172		10	0	0	0.0841	0.5	500	105%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993117	ICAL011922_6	VOC-8260-W-Q	CAL6	)A5975C\VG011	1/19/2022 1:58:4	1	R373580		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	286.46073	11.4584292		10	0	0	0.169	0.5	500	115%	70	130	0%	
Chloroform	A	ug/L	247.58044	9.9032176		10	0	0	0.0789	0.5	500	99%	70	130	0%	
Chloromethane	A	ug/L	250.29568	10.0118272		10	0	0	0.162	0.5	500	100%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	264.30406	10.5721624		10	0	0	0.108	0.5	500	106%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	272.72128	10.9088512		10	0	0	0.073	0.5	500	109%	70	130	0%	
Dibromomethane	A	ug/L	263.54118	10.5416472		10	0	0	0.147	0.5	500	105%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	259.14165	10.365666		10	0	0	0.175	0.5	500	104%	70	130	0%	
Ethylbenzene	A	ug/L	259.56366	10.3825464		10	0	0	0.0836	0.5	500	104%	70	130	0%	
m+p-Xylenes	A	ug/L	520.92181	20.8368724		20	0	0	0.15	0.5	1000	104%	70	130	0%	
Methyl ethyl ketone	A	ug/L	2621.91595	104.876638		100	0	0	1.77	10	5000	105%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	260.74156	10.4296624		10	0	0	0.101	0.5	500	104%	70	130	0%	
Methylene chloride	A	ug/L	242.95313	9.7181252		10	0	0	0.338	0.5	500	97%	70	130	0%	
o-Xylene	A	ug/L	257.92761	10.3171044		10	0	0	0.0604	0.5	500	103%	70	130	0%	
Styrene	A	ug/L	261.64734	10.4658936		10	0	0	0.067	0.5	500	105%	70	130	0%	
Tetrachloroethene	A	ug/L	263.51697	10.5406788		10	0	0	0.0671	0.5	500	105%	70	130	0%	
Toluene	A	ug/L	270.88303	10.8353212		10	0	0	0.0679	0.5	500	108%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	257.35306	10.2941224		10	0	0	0.125	0.5	500	103%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	268.88454	10.7553816		10	0	0	0.0846	0.5	500	108%	70	130	0%	
Trichloroethene	A	ug/L	266.30721	10.6522884		10	0	0	0.0993	0.5	500	107%	70	130	0%	
Trichlorofluoromethane	A	ug/L	251.01004	10.0404016		10	0	0	0.134	0.5	500	100%	70	130	0%	
Vinyl chloride	A	ug/L	259.06637	10.3626548		10	0	0	0.153	0.5	500	104%	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	778.84942	31.1539768		30	0	0	0.0604	0.5	1500	104%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	253.93359	10.1573436		10	0	0	0.229	0.5	500	102%	70	130	0%	
Dibromofluoromethane	S	ug/L	261.68206	10.4672824		10	0	0	0.129	0.5	500	105%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	268.52656	10.7410624		10	0	0	0.149	0.5	500	107%	70	130	0%	
Toluene-d8	S	ug/L	272.28351	10.8913404		10	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
14993118	ICAL011922_7	VOC-8260-W-Q	CAL7	)A5975C\VG011	1/19/2022 2:53:1	1	R373580		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
14993118	ICAL011922_7	VOC-8260-W-Q	CAL7	)A5975C\VG011	1/19/2022 2:53:1	1	R373580		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	395.11271	15.8045084		15	0	0	0.101	0.5	500	105%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	384.82827	15.3931308		15	0	0	0.131	0.5	500	103%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	373.82831	14.9531324		15	0	0	0.0872	0.5	500	100%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	395.05316	15.8021264		15	0	0	0.108	0.5	500	105%	70	130	0%	
1,1-Dichloroethane	A	ug/L	378.39611	15.1358444		15	0	0	0.135	0.5	500	101%	70	130	0%	
1,1-Dichloroethene	A	ug/L	382.35444	15.2941776		15	0	0	0.141	0.5	500	102%	70	130	0%	
1,1-Dichloropropene	A	ug/L	409.14804	16.3659216		15	0	0	0.083	0.5	500	109%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	376.5948	15.063792		15	0	0	0.235	0.5	500	100%	70	130	0%	
1,2-Dibromoethane	A	ug/L	395.10621	15.8042484		15	0	0	0.0916	0.5	500	105%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	386.59304	15.4637216		15	0	0	0.0746	0.5	500	103%	70	130	0%	
1,2-Dichloroethane	A	ug/L	373.42195	14.936878		15	0	0	0.116	0.5	500	100%	70	130	0%	
1,2-Dichloropropane	A	ug/L	401.58544	16.0634176		15	0	0	0.0847	0.5	500	107%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	385.60331	15.4241324		15	0	0	0.0803	0.5	500	103%	70	130	0%	
1,3-Dichloropropane	A	ug/L	396.07721	15.8430884		15	0	0	0.0791	0.5	500	106%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	380.66062	15.2264248		15	0	0	0.0858	0.5	500	102%	70	130	0%	
2,2-Dichloropropane	A	ug/L	382.15371	15.2861484		15	0	0	0.186	0.5	500	102%	70	130	0%	
2-Chlorotoluene	A	ug/L	395.55888	15.8223552		15	0	0	0.0876	0.5	500	105%	70	130	0%	
4-Chlorotoluene	A	ug/L	403.67075	16.14683		15	0	0	0.0728	0.5	500	108%	70	130	0%	
Benzene	A	ug/L	392.49506	15.6998024		15	0	0	0.0914	0.5	500	105%	70	130	0%	
Bromobenzene	A	ug/L	387.26596	15.4906384		15	0	0	0.0831	0.5	500	103%	70	130	0%	
Bromochloromethane	A	ug/L	379.27949	15.1711796		15	0	0	0.141	0.5	500	101%	70	130	0%	
Bromodichloromethane	A	ug/L	392.2653	15.690612		15	0	0	0.12	0.5	500	105%	70	130	0%	
Bromoform	A	ug/L	374.34382	14.9737528		15	0	0	0.119	0.5	500	100%	70	130	0%	
Bromomethane	A	ug/L	380.37666	15.2150664		15	0	0	0.253	0.5	500	101%	70	130	0%	
Carbon tetrachloride	A	ug/L	388.77442	15.5509768		15	0	0	0.143	0.5	500	104%	70	130	0%	
Chlorobenzene	A	ug/L	397.30881	15.8923524		15	0	0	0.0914	0.5	500	106%	70	130	0%	
Chlorodibromomethane	A	ug/L	394.19912	15.7679648		15	0	0	0.0841	0.5	500	105%	70	130	0%	
Chloroethane	A	ug/L	382.26624	15.2906496		15	0	0	0.169	0.5	500	102%	70	130	0%	
Chloroform	A	ug/L	369.36545	14.774618		15	0	0	0.0789	0.5	500	98%	70	130	0%	
Chloromethane	A	ug/L	373.55808	14.9423232		15	0	0	0.162	0.5	500	100%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	392.49951	15.6999804		15	0	0	0.108	0.5	500	105%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	413.10617	16.5242468		15	0	0	0.073	0.5	500	110%	70	130	0%	
Dibromomethane	A	ug/L	388.24814	15.5299256		15	0	0	0.147	0.5	500	104%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	376.2647	15.050588		15	0	0	0.175	0.5	500	100%	70	130	0%	
Ethylbenzene	A	ug/L	381.44832	15.2579328		15	0	0	0.0836	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
14993118	ICAL011922_7	VOC-8260-W-Q	CAL7	)A5975C\VG011	1/19/2022 2:53:1	1	R373580		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	762.45088	30.4980352		30	0	0	0.15	0.5	1000	102%	70	130	0%	
Methyl ethyl ketone	A	ug/L	3961.28713	158.451485		150	0	0	1.77	10	5000	106%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	389.6885	15.58754		15	0	0	0.101	0.5	500	104%	70	130	0%	
Methylene chloride	A	ug/L	359.82049	14.3928196		15	0	0	0.338	0.5	500	96%	70	130	0%	
o-Xylene	A	ug/L	384.01575	15.36063		15	0	0	0.0604	0.5	500	102%	70	130	0%	
Styrene	A	ug/L	382.73821	15.3095284		15	0	0	0.067	0.5	500	102%	70	130	0%	
Tetrachloroethene	A	ug/L	393.42479	15.7369916		15	0	0	0.0671	0.5	500	105%	70	130	0%	
Toluene	A	ug/L	410.14612	16.4058448		15	0	0	0.0679	0.5	500	109%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	382.96484	15.3185936		15	0	0	0.125	0.5	500	102%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	414.16774	16.5667096		15	0	0	0.0846	0.5	500	110%	70	130	0%	
Trichloroethene	A	ug/L	400.28495	16.011398		15	0	0	0.0993	0.5	500	107%	70	130	0%	
Trichlorofluoromethane	A	ug/L	368.02903	14.7211612		15	0	0	0.134	0.5	500	98%	70	130	0%	
Vinyl chloride	A	ug/L	371.90211	14.8760844		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	1146.46663	45.8586652		45	0	0	0.0604	0.5	1500	102%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	372.17398	14.8869592		15	0	0	0.229	0.5	500	99%	70	130	0%	
Dibromofluoromethane	S	ug/L	375.7157	15.028628		15	0	0	0.129	0.5	500	100%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	392.51572	15.7006288		15	0	0	0.149	0.5	500	105%	70	130	0%	
Toluene-d8	S	ug/L	408.33456	16.3333824		15	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
14993119	ICAL011922_8	VOC-8260-W-Q	CAL8	)A5975C\VG011	1/19/2022 3:47:4	1	R373580		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	519.50104	20.7800416		20	0	0	0.101	0.5	500	104%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	526.99477	21.0797908		20	0	0	0.131	0.5	500	105%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	503.77463	20.1509852		20	0	0	0.0872	0.5	500	101%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	515.71916	20.6287664		20	0	0	0.108	0.5	500	103%	70	130	0%	
1,1-Dichloroethane	A	ug/L	518.00352	20.7201408		20	0	0	0.135	0.5	500	104%	70	130	0%	
1,1-Dichloroethene	A	ug/L	520.88026	20.8352104		20	0	0	0.141	0.5	500	104%	70	130	0%	
1,1-Dichloropropene	A	ug/L	561.8648	22.474592		20	0	0	0.083	0.5	500	112%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	499.70182	19.9880728		20	0	0	0.235	0.5	500	100%	70	130	0%	
1,2-Dibromoethane	A	ug/L	518.73322	20.7493288		20	0	0	0.0916	0.5	500	104%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist	
14993119	ICAL011922_8	VOC-8260-W-Q	CAL8	)A5975C\VG011	1/19/2022 3:47:4	1	R373580		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	524.03363	20.9613452		20	0	0	0.0746	0.5	500	105%	70	130	0%	
1,2-Dichloroethane	A	ug/L	494.90571	19.7962284		20	0	0	0.116	0.5	500	99%	70	130	0%	
1,2-Dichloropropane	A	ug/L	533.98337	21.3593348		20	0	0	0.0847	0.5	500	107%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	519.90292	20.7961168		20	0	0	0.0803	0.5	500	104%	70	130	0%	
1,3-Dichloropropane	A	ug/L	522.49769	20.8999076		20	0	0	0.0791	0.5	500	104%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	512.39362	20.4957448		20	0	0	0.0858	0.5	500	102%	70	130	0%	
2,2-Dichloropropane	A	ug/L	510.2077	20.408308		20	0	0	0.186	0.5	500	102%	70	130	0%	
2-Chlorotoluene	A	ug/L	538.47525	21.53901		20	0	0	0.0876	0.5	500	108%	70	130	0%	
4-Chlorotoluene	A	ug/L	545.23705	21.809482		20	0	0	0.0728	0.5	500	109%	70	130	0%	
Benzene	A	ug/L	523.44718	20.9378872		20	0	0	0.0914	0.5	500	105%	70	130	0%	
Bromobenzene	A	ug/L	527.11761	21.0847044		20	0	0	0.0831	0.5	500	105%	70	130	0%	
Bromochloromethane	A	ug/L	491.89341	19.6757364		20	0	0	0.141	0.5	500	98%	70	130	0%	
Bromodichloromethane	A	ug/L	516.12107	20.6448428		20	0	0	0.12	0.5	500	103%	70	130	0%	
Bromoform	A	ug/L	507.06116	20.2824464		20	0	0	0.119	0.5	500	101%	70	130	0%	
Bromomethane	A	ug/L	492.37196	19.6948784		20	0	0	0.253	0.5	500	98%	70	130	0%	
Carbon tetrachloride	A	ug/L	535.60256	21.4241024		20	0	0	0.143	0.5	500	107%	70	130	0%	
Chlorobenzene	A	ug/L	522.07254	20.8829016		20	0	0	0.0914	0.5	500	104%	70	130	0%	
Chlorodibromomethane	A	ug/L	519.35718	20.7742872		20	0	0	0.0841	0.5	500	104%	70	130	0%	
Chloroethane	A	ug/L	463.57413	18.5429652		20	0	0	0.169	0.5	500	93%	70	130	0%	
Chloroform	A	ug/L	495.30446	19.8121784		20	0	0	0.0789	0.5	500	99%	70	130	0%	
Chloromethane	A	ug/L	495.76266	19.8305064		20	0	0	0.162	0.5	500	99%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	533.86717	21.3546868		20	0	0	0.108	0.5	500	107%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	557.77754	22.3111016		20	0	0	0.073	0.5	500	112%	70	130	0%	
Dibromomethane	A	ug/L	509.98176	20.3992704		20	0	0	0.147	0.5	500	102%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	512.06782	20.4827128		20	0	0	0.175	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	492.0069	19.680276		20	0	0	0.0836	0.5	500	98%	70	130	0%	
m+p-Xylenes	A	ug/L	982.95572	39.3182288		40	0	0	0.15	0.5	1000	98%	70	130	0%	
Methyl ethyl ketone	A	ug/L	5412.58688	216.503475		200	0	0	1.77	10	5000	108%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	532.72265	21.308906		20	0	0	0.101	0.5	500	107%	70	130	0%	
Methylene chloride	A	ug/L	479.71594	19.1886376		20	0	0	0.338	0.5	500	96%	70	130	0%	
o-Xylene	A	ug/L	490.56964	19.6227856		20	0	0	0.0604	0.5	500	98%	70	130	0%	
Styrene	A	ug/L	489.99584	19.5998336		20	0	0	0.067	0.5	500	98%	70	130	0%	
Tetrachloroethene	A	ug/L	528.40897	21.1363588		20	0	0	0.0671	0.5	500	106%	70	130	0%	
Toluene	A	ug/L	539.67631	21.5870524		20	0	0	0.0679	0.5	500	108%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	511.83133	20.4732532		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
14993119	ICAL011922_8	VOC-8260-W-Q	CAL8	)A5975C\VG011	1/19/2022 3:47:4	1	R373580		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	547.98665	21.919466		20	0	0	0.0846	0.5	500	110%	70	130	0%	
Trichloroethene	A	ug/L	530.332	21.21328		20	0	0	0.0993	0.5	500	106%	70	130	0%	
Trichlorofluoromethane	A	ug/L	513.3762	20.535048		20	0	0	0.134	0.5	500	103%	70	130	0%	
Vinyl chloride	A	ug/L	507.95433	20.3181732		20	0	0	0.153	0.5	500	102%	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	1473.52536	58.9410144		60	0	0	0.0604	0.5	1500	98%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	499.26904	19.9707616		20	0	0	0.229	0.5	500	100%	70	130	0%	
Dibromofluoromethane	S	ug/L	506.23568	20.2494272		20	0	0	0.129	0.5	500	101%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	531.14356	21.2457424		20	0	0	0.149	0.5	500	106%	70	130	0%	
Toluene-d8	S	ug/L	536.58503	21.4634012		20	0	0	0.23	0.5	500	107%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993120	ICV011922_	VOC-8260-W-Q	ICV	)A5975C\VG011	1/19/2022 4:42:1	1	R373580		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	121.14346	4.8457384		5	0	0	0.101	0.5	500	97%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	123.10323	4.9241292		5	0	0	0.131	0.5	500	98%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	123.71034	4.9484136		5	0	0	0.0872	0.5	500	99%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	122.33255	4.893302		5	0	0	0.108	0.5	500	98%	80	120	0%	
1,1-Dichloroethane	A	ug/L	126.68152	5.0672608		5	0	0	0.135	0.5	500	101%	80	120	0%	
1,1-Dichloroethene	A	ug/L	127.47339	5.0989356		5	0	0	0.141	0.5	500	102%	80	120	0%	
1,1-Dichloropropene	A	ug/L	122.69902	4.9079608		5	0	0	0.083	0.5	500	98%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	119.25111	4.7700444		5	0	0	0.235	0.5	500	95%	80	120	0%	
1,2-Dibromoethane	A	ug/L	123.8219	4.952876		5	0	0	0.0916	0.5	500	99%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	126.78928	5.0715712		5	0	0	0.0746	0.5	500	101%	80	120	0%	
1,2-Dichloroethane	A	ug/L	112.99307	4.5197228		5	0	0	0.116	0.5	500	90%	80	120	0%	
1,2-Dichloropropane	A	ug/L	125.26279	5.0105116		5	0	0	0.0847	0.5	500	100%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	127.90714	5.1162856		5	0	0	0.0803	0.5	500	102%	80	120	0%	
1,3-Dichloropropane	A	ug/L	115.25812	4.6103248		5	0	0	0.0791	0.5	500	92%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	126.91589	5.0766356		5	0	0	0.0858	0.5	500	102%	80	120	0%	
2,2-Dichloropropane	A	ug/L	130.60172	5.2240688		5	0	0	0.186	0.5	500	104%	80	120	0%	
2-Chlorotoluene	A	ug/L	128.02447	5.1209788		5	0	0	0.0876	0.5	500	102%	80	120	0%	
4-Chlorotoluene	A	ug/L	133.69052	5.3476208		5	0	0	0.0728	0.5	500	107%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993120	ICV011922_	VOC-8260-W-Q	ICV	)A5975C\VG011	1/19/2022 4:42:1	1	R373580		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	124.79596	4.9918384		5	0	0	0.0914	0.5	500	100%	80	120	0%	
Bromobenzene	A	ug/L	128.75816	5.1503264		5	0	0	0.0831	0.5	500	103%	80	120	0%	
Bromochloromethane	A	ug/L	118.1582	4.726328		5	0	0	0.141	0.5	500	95%	80	120	0%	
Bromodichloromethane	A	ug/L	125.01778	5.0007112		5	0	0	0.12	0.5	500	100%	80	120	0%	
Bromoform	A	ug/L	118.4586	4.738344		5	0	0	0.119	0.5	500	95%	80	120	0%	
Bromomethane	A	ug/L	125.47532	5.0190128		5	0	0	0.253	0.5	500	100%	80	120	0%	
Carbon tetrachloride	A	ug/L	121.97422	4.8789688		5	0	0	0.143	0.5	500	98%	80	120	0%	
Chlorobenzene	A	ug/L	127.68425	5.10737		5	0	0	0.0914	0.5	500	102%	80	120	0%	
Chlorodibromomethane	A	ug/L	118.71875	4.74875		5	0	0	0.0841	0.5	500	95%	80	120	0%	
Chloroethane	A	ug/L	128.59249	5.1436996		5	0	0	0.169	0.5	500	103%	80	120	0%	
Chloroform	A	ug/L	116.04065	4.641626		5	0	0	0.0789	0.5	500	93%	80	120	0%	
Chloromethane	A	ug/L	108.15919	4.3263676		5	0	0	0.162	0.5	500	87%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	126.74809	5.0699236		5	0	0	0.108	0.5	500	101%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	121.1938	4.847752		5	0	0	0.073	0.5	500	97%	80	120	0%	
Dibromomethane	A	ug/L	119.73245	4.789298		5	0	0	0.147	0.5	500	96%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	109.491	4.37964		5	0	0	0.175	0.5	500	88%	80	120	0%	
Ethylbenzene	A	ug/L	127.55124	5.1020496		5	0	0	0.0836	0.5	500	102%	80	120	0%	
m+p-Xylenes	A	ug/L	247.60848	9.9043392		10	0	0	0.15	0.5	1000	99%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1190.01388	47.6005552		50	0	0	1.77	10	5000	95%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	130.45844	5.2183376		5	0	0	0.101	0.5	500	104%	80	120	0%	
Methylene chloride	A	ug/L	117.91846	4.7167384		5	0	0	0.338	0.5	500	94%	80	120	0%	
o-Xylene	A	ug/L	125.95849	5.0383396		5	0	0	0.0604	0.5	500	101%	80	120	0%	
Styrene	A	ug/L	126.65625	5.06625		5	0	0	0.067	0.5	500	101%	80	120	0%	
Tetrachloroethene	A	ug/L	126.00053	5.0400212		5	0	0	0.0671	0.5	500	101%	80	120	0%	
Toluene	A	ug/L	126.57376	5.0629504		5	0	0	0.0679	0.5	500	101%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	125.16318	5.0065272		5	0	0	0.125	0.5	500	100%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	125.66541	5.0266164		5	0	0	0.0846	0.5	500	101%	80	120	0%	
Trichloroethene	A	ug/L	127.05504	5.0822016		5	0	0	0.0993	0.5	500	102%	80	120	0%	
Trichlorofluoromethane	A	ug/L	112.56002	4.5024008		5	0	0	0.134	0.5	500	90%	80	120	0%	
Vinyl chloride	A	ug/L	115.35056	4.6140224		5	0	0	0.153	0.5	500	92%	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	373.56697	14.9426788		15	0	0	0.0604	0.5	1500	100%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	269.97549	10.7990196		10	0	0	0.229	0.5	500	108%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14993120	ICV011922_	VOC-8260-W-Q	ICV	)A5975C\VG011\	1/19/2022 4:42:1	1	R373580		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	230.60106	9.2240424		10	0	0	0.129	0.5	500	92%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	258.37948	10.3351792		10	0	0	0.149	0.5	500	103%	80	120	0%	
Toluene-d8	S	ug/L	272.49616	10.8998464		10	0	0	0.23	0.5	500	109%	80	120	0%	

```
Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN01.D
Sample Name    : PRIMER
Operator       : MSC
Date injected  : 19 Jan 2022   9:07 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\VG011922\19JAN02.D
Sample Name    : BFB011922_
Operator       : MSC
Date injected  : 19 Jan 2022   9:34 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\VG011922\19JAN03.D
Sample Name    : MBLK011922_
Operator       : MSC
Date injected  : 19 Jan 2022  10:13 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\VG011922\19JAN04.D
Sample Name    : ICAL011922_1
Operator       : MSC
Date injected  : 19 Jan 2022  10:48 am
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\VG011922\19JAN05.D
Sample Name    : ICAL011922_2
Operator       : MSC
```

```
Date injected  : 19 Jan 2022  11:15 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\VG011922\19JAN06.D
Sample Name    : ICAL011922_3
Operator       : MSC
Date injected  : 19 Jan 2022  11:42 am
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\VG011922\19JAN07.D
Sample Name    : ICAL011922_4
Operator       : MSC
Date injected  : 19 Jan 2022  12:09 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\VG011922\19JAN08.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 19 Jan 2022  12:37 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\VG011922\19JAN09.D
Sample Name    : ICAL011922_5
Operator       : MSC
Date injected  : 19 Jan 2022   1:04 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\VG011922\19JAN10.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 19 Jan 2022   1:31 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\VG011922\19JAN11.D
Sample Name    : ICAL011922_6
Operator       : MSC
Date injected  : 19 Jan 2022   1:58 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\VG011922\19JAN12.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 19 Jan 2022   2:26 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\VG011922\19JAN13.D
Sample Name    : ICAL011922_7
Operator       : MSC
Date injected  : 19 Jan 2022   2:53 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
```

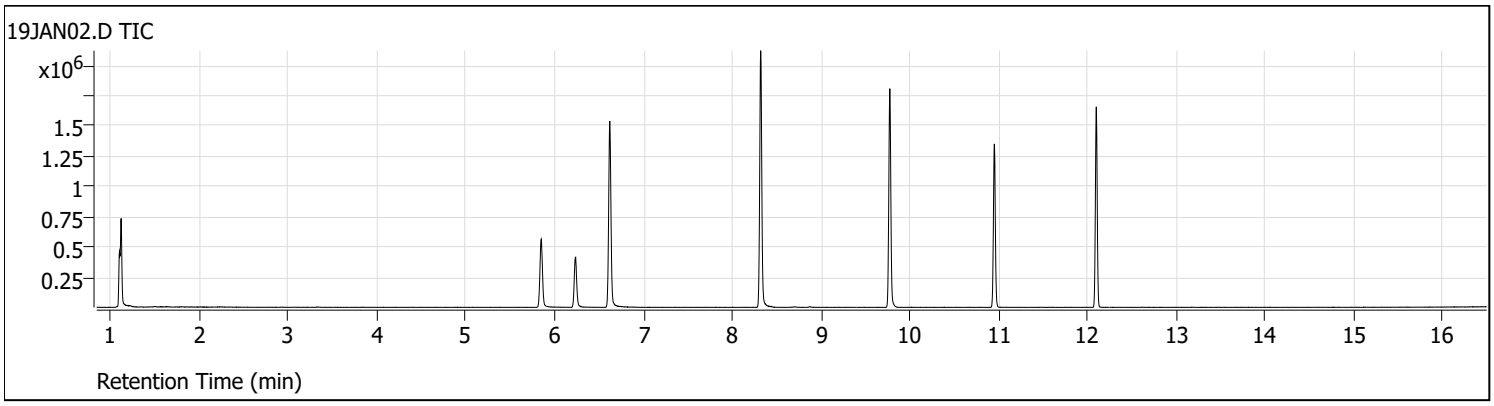
```
Vial Number    : 13
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN14.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 19 Jan 2022   3:20 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\VG011922\19JAN15.D
Sample Name    : ICAL011922_8
Operator       : MSC
Date injected  : 19 Jan 2022   3:47 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\VG011922\19JAN16.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 19 Jan 2022   4:15 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\VG011922\19JAN17.D
Sample Name    : ICV011922_
Operator       : MSC
Date injected  : 19 Jan 2022   4:42 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 17
---------------------------------------------------------------
```

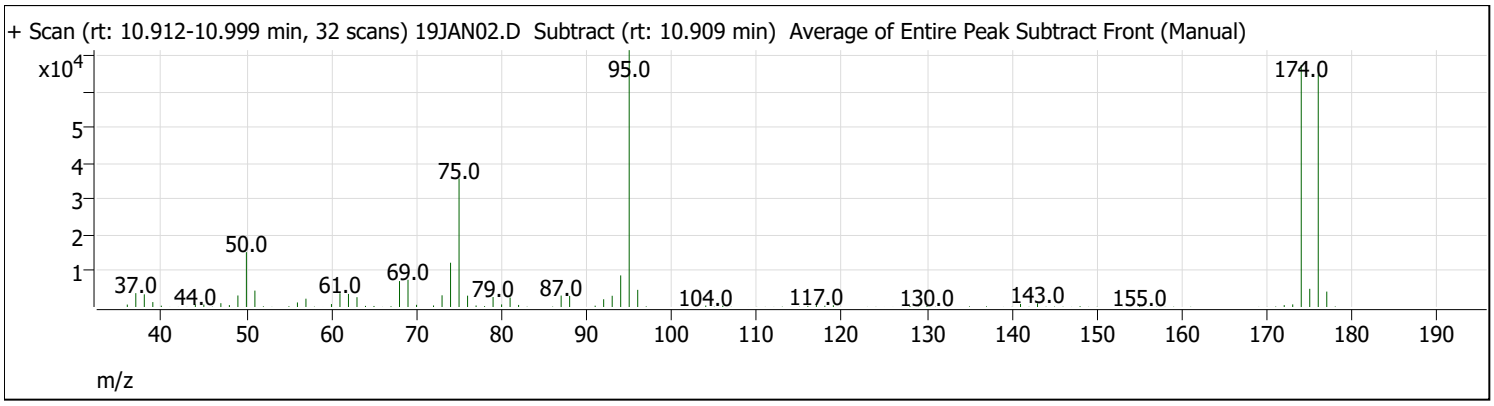
```
Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN18.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 19 Jan 2022   5:09 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 18
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN19.D
Sample Name    : MDL011922_Q1_2
Operator       : MSC
Date injected  : 19 Jan 2022   5:36 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\VG011922\19JAN20.D
Sample Name    : LOD011922_HalfCal2
Operator       : MSC
Date injected  : 19 Jan 2022   6:03 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\VG011922\19JAN21.D
Sample Name    : LOD011922_2xCal1
Operator       : MSC
Date injected  : 19 Jan 2022   6:31 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 21
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN22.D
Sample Name    : MBLK011922_NoSurr
Operator       : MSC
```

```
Date injected  : 19 Jan 2022   6:58 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\VG011922\19JAN23.D
Sample Name    : MBLK011922_
Operator       : MSC
Date injected  : 19 Jan 2022   7:25 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 23
---------------------------------------------------------------
```

Tune Evaluation Report

Data Path:	D:\Org\Data\VOA5975C\VG011922\19JAN02.D
Acq on:	1/19/2022 9:34:49 AM
Operator:	MSC
Sample:	BFB011922_
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	21.4	15298	Pass
75	95	30	60	50.0	35802	Pass
95	95	100	100	100.0	71589	Pass
96	95	5	9	6.7	4783	Pass
173	174	0	2	1.1	722	Pass
174	95	50	100	94.2	67436	Pass
175	174	5	9	7.5	5067	Pass
176	174	95	101	96.1	64775	Pass
177	176	5	9	6.6	4289	Pass

Quantitative Analysis Results Summary Report

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Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	2/14/2022 3:09:49 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**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
19JAN03.D	MBLK011922_	Method Blank	3	0		5975CACQF.M
19JAN04.D	ICAL011922_1	Cal	4	0	1	5975CACQF.M
19JAN05.D	ICAL011922_2	Cal	5	0	2	5975CACQF.M
19JAN06.D	ICAL011922_3	Cal	6	0	3	5975CACQF.M
19JAN07.D	ICAL011922_4	Cal	7	0	4	5975CACQF.M
19JAN09.D	ICAL011922_5	Cal	9	0	5	5975CACQF.M
19JAN11.D	ICAL011922_6	Cal	11	0	6	5975CACQF.M
19JAN13.D	ICAL011922_7	Cal	13	0	7	5975CACQF.M
19JAN15.D	ICAL011922_8	Cal	15	0	8	5975CACQF.M
19JAN17.D	ICV011922_	QC	17	0	QC	5975CACQF.M

Quantitation Results

Compound: Dichlorodifluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	1.247	4690	794248	0.0059	4.3915	2.5000	175.7
19JAN05.D	Calibration	Fluorobenzene	1.241	12682	803183	0.0158	11.7428	12.5000	93.9
19JAN06.D	Calibration	Fluorobenzene	1.241	27745	818509	0.0339	25.2092	25.0000	100.8
19JAN07.D	Calibration	Fluorobenzene	1.244	51785	806368	0.0642	47.7605	50.0000	95.5
19JAN09.D	Calibration	Fluorobenzene	1.244	148367	854591	0.1736	129.1152	125.0000	103.3
19JAN11.D	Calibration	Fluorobenzene	1.241	304740	874562	0.3484	259.1417	250.0000	103.7
19JAN13.D	Calibration	Fluorobenzene	1.241	452793	894962	0.5059	376.2647	375.0000	100.3
19JAN15.D	Calibration	Fluorobenzene	1.241	629961	914923	0.6885	512.0678	500.0000	102.4
19JAN17.D	QC	Fluorobenzene	1.244	130579	886938	0.1472	109.4910	125.0000	

Compound: Chloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene	1.420	477	812130	0.0006	0.3708		
19JAN04.D	Calibration	Fluorobenzene	1.411	6614	794248	0.0083	5.2603	2.5000	210.4
19JAN05.D	Calibration	Fluorobenzene	1.411	15397	803183	0.0192	12.1094	12.5000	96.9
19JAN06.D	Calibration	Fluorobenzene	1.408	33801	818509	0.0413	26.0860	25.0000	104.3
19JAN07.D	Calibration	Fluorobenzene	1.408	63351	806368	0.0786	49.6275	50.0000	99.3
19JAN09.D	Calibration	Fluorobenzene	1.408	170190	854591	0.1991	125.7991	125.0000	100.6
19JAN11.D	Calibration	Fluorobenzene	1.409	346531	874562	0.3962	250.2957	250.0000	100.1
19JAN13.D	Calibration	Fluorobenzene	1.408	529250	894962	0.5914	373.5581	375.0000	99.6
19JAN15.D	Calibration	Fluorobenzene	1.409	718053	914923	0.7848	495.7627	500.0000	99.2

Compound: Chloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN17.D	QC	Fluorobenzene	1.409	151864	886938	0.1712	108.1592	125.0000	

Compound: Vinyl chloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene	1.501	450	812130	0.0006	0.3842		
19JAN04.D	Calibration	Fluorobenzene	1.503	5818	794248	0.0073	5.0835	2.5000	203.3
19JAN05.D	Calibration	Fluorobenzene	1.498	14225	803183	0.0177	12.2910	12.5000	98.3
19JAN06.D	Calibration	Fluorobenzene	1.498	30072	818509	0.0367	25.4969	25.0000	102.0
19JAN07.D	Calibration	Fluorobenzene	1.495	55437	806368	0.0687	47.7105	50.0000	95.4
19JAN09.D	Calibration	Fluorobenzene	1.498	153733	854591	0.1799	124.8408	125.0000	99.9
19JAN11.D	Calibration	Fluorobenzene	1.498	326478	874562	0.3733	259.0664	250.0000	103.6
19JAN13.D	Calibration	Fluorobenzene	1.498	479607	894962	0.5359	371.9021	375.0000	99.2
19JAN15.D	Calibration	Fluorobenzene	1.498	669671	914923	0.7319	507.9543	500.0000	101.6
19JAN17.D	QC	Fluorobenzene	1.498	147423	886938	0.1662	115.3506	125.0000	

Compound: Bromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene	1.807	344	812130	0.0004	2.5579		
19JAN04.D	Calibration	Fluorobenzene	1.804	2332	794248	0.0029	6.7043	2.5000	268.2
19JAN05.D	Calibration	Fluorobenzene	1.799	5411	803183	0.0067	12.9499	12.5000	103.6
19JAN06.D	Calibration	Fluorobenzene	1.802	12135	818509	0.0148	26.1400	25.0000	104.6
19JAN07.D	Calibration	Fluorobenzene	1.796	22944	806368	0.0285	48.0600	50.0000	96.1
19JAN09.D	Calibration	Fluorobenzene	1.799	59520	854591	0.0696	112.1810	125.0000	89.7
19JAN11.D	Calibration	Fluorobenzene	1.796	153759	874562	0.1758	264.9993	250.0000	106.0
19JAN13.D	Calibration	Fluorobenzene	1.793	235754	894962	0.2634	380.3767	375.0000	101.4
19JAN15.D	Calibration	Fluorobenzene	1.793	324434	914923	0.3546	492.3720	500.0000	98.5
19JAN17.D	QC	Fluorobenzene	1.796	69568	886938	0.0784	125.4753	125.0000	

Compound: Chloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	1.905	2651	794248	0.0033	4.8967	2.5000	195.9
19JAN05.D	Calibration	Fluorobenzene	1.897	6576	803183	0.0082	12.0096	12.5000	96.1
19JAN06.D	Calibration	Fluorobenzene	1.896	15096	818509	0.0184	27.0532	25.0000	108.2
19JAN07.D	Calibration	Fluorobenzene	1.894	26569	806368	0.0329	48.3306	50.0000	96.7
19JAN09.D	Calibration	Fluorobenzene	1.897	65407	854591	0.0765	112.2655	125.0000	89.8
19JAN11.D	Calibration	Fluorobenzene	1.897	170795	874562	0.1953	286.4607	250.0000	114.6
19JAN13.D	Calibration	Fluorobenzene	1.894	233233	894962	0.2606	382.2662	375.0000	101.9
19JAN15.D	Calibration	Fluorobenzene	1.894	289150	914923	0.3160	463.5741	500.0000	92.7
19JAN17.D	QC	Fluorobenzene	1.897	77755	886938	0.0877	128.5925	125.0000	

Compound: Trichlorofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	2.150	6220	794248	0.0078	4.5322	2.5000	181.3
19JAN05.D	Calibration	Fluorobenzene	2.148	16916	803183	0.0211	12.1888	12.5000	97.5
19JAN06.D	Calibration	Fluorobenzene	2.145	35936	818509	0.0439	25.4088	25.0000	101.6
19JAN07.D	Calibration	Fluorobenzene	2.142	66016	806368	0.0819	47.3799	50.0000	94.8
19JAN09.D	Calibration	Fluorobenzene	2.147	193579	854591	0.2265	131.0926	125.0000	104.9
19JAN11.D	Calibration	Fluorobenzene	2.145	379318	874562	0.4337	251.0100	250.0000	100.4
19JAN13.D	Calibration	Fluorobenzene	2.145	569126	894962	0.6359	368.0290	375.0000	98.1
19JAN15.D	Calibration	Fluorobenzene	2.142	811600	914923	0.8871	513.3762	500.0000	102.7
19JAN17.D	QC	Fluorobenzene	2.145	172504	886938	0.1945	112.5600	125.0000	

Compound: 1,1-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	2.694	2342	794248	0.0029	2.9328	2.5000	117.3
19JAN05.D	Calibration	Fluorobenzene	2.703	9440	803183	0.0118	11.6900	12.5000	93.5
19JAN06.D	Calibration	Fluorobenzene	2.700	20674	818509	0.0253	25.1221	25.0000	100.5
19JAN07.D	Calibration	Fluorobenzene	2.702	38644	806368	0.0479	47.6655	50.0000	95.3
19JAN09.D	Calibration	Fluorobenzene	2.702	105649	854591	0.1236	122.9596	125.0000	98.4
19JAN11.D	Calibration	Fluorobenzene	2.700	233356	874562	0.2668	265.3896	250.0000	106.2
19JAN13.D	Calibration	Fluorobenzene	2.700	344045	894962	0.3844	382.3544	375.0000	102.0
19JAN15.D	Calibration	Fluorobenzene	2.700	479145	914923	0.5237	520.8803	500.0000	104.2
19JAN17.D	QC	Fluorobenzene	2.700	113673	886938	0.1282	127.4734	125.0000	

Compound: Methylene chloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene	3.341	2137	812130	0.0026	1.7999		
19JAN04.D	Calibration	Fluorobenzene	3.327	4701	794248	0.0059	4.0490	2.5000	162.0
19JAN05.D	Calibration	Fluorobenzene	3.330	15719	803183	0.0196	13.3883	12.5000	107.1
19JAN06.D	Calibration	Fluorobenzene	3.333	32623	818509	0.0399	27.2657	25.0000	109.1
19JAN07.D	Calibration	Fluorobenzene	3.327	58184	806368	0.0722	49.3612	50.0000	98.7
19JAN09.D	Calibration	Fluorobenzene	3.333	149957	854591	0.1755	120.0395	125.0000	96.0
19JAN11.D	Calibration	Fluorobenzene	3.330	310597	874562	0.3551	242.9531	250.0000	97.2
19JAN13.D	Calibration	Fluorobenzene	3.330	470733	894962	0.5260	359.8205	375.0000	96.0
19JAN15.D	Calibration	Fluorobenzene	3.333	641583	914923	0.7012	479.7159	500.0000	95.9
19JAN17.D	QC	Fluorobenzene	3.333	152883	886938	0.1724	117.9185	125.0000	

Compound: trans-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	3.717	2132	794248	0.0027	2.5845	2.5000	103.4
19JAN05.D	Calibration	Fluorobenzene	3.718	10455	803183	0.0130	12.5326	12.5000	100.3

Compound: trans-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN06.D	Calibration	Fluorobenzene	3.715	21348	818509	0.0261	25.1112	25.0000	100.4
19JAN07.D	Calibration	Fluorobenzene	3.717	38732	806368	0.0480	46.2455	50.0000	92.5
19JAN09.D	Calibration	Fluorobenzene	3.720	110255	854591	0.1290	124.2147	125.0000	99.4
19JAN11.D	Calibration	Fluorobenzene	3.720	233769	874562	0.2673	257.3531	250.0000	102.9
19JAN13.D	Calibration	Fluorobenzene	3.715	355984	894962	0.3978	382.9648	375.0000	102.1
19JAN15.D	Calibration	Fluorobenzene	3.715	486383	914923	0.5316	511.8313	500.0000	102.4
19JAN17.D	QC	Fluorobenzene	3.718	115302	886938	0.1300	125.1632	125.0000	

Compound: Methyl tert-butyl ether (MTBE)

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	3.762	2662	794248	0.0034	2.5817	2.5000	103.3
19JAN05.D	Calibration	Fluorobenzene	3.757	12721	803183	0.0158	12.2004	12.5000	97.6
19JAN06.D	Calibration	Fluorobenzene	3.751	24989	818509	0.0305	23.5175	25.0000	94.1
19JAN07.D	Calibration	Fluorobenzene	3.751	49617	806368	0.0615	47.3984	50.0000	94.8
19JAN09.D	Calibration	Fluorobenzene	3.754	136973	854591	0.1603	123.4648	125.0000	98.8
19JAN11.D	Calibration	Fluorobenzene	3.754	296029	874562	0.3385	260.7416	250.0000	104.3
19JAN13.D	Calibration	Fluorobenzene	3.757	452747	894962	0.5059	389.6885	375.0000	103.9
19JAN15.D	Calibration	Fluorobenzene	3.751	632731	914923	0.6916	532.7227	500.0000	106.5
19JAN17.D	QC	Fluorobenzene	3.751	150210	886938	0.1694	130.4584	125.0000	

Compound: 1,1-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	4.378	4131	794248	0.0052	2.6757	2.5000	107.0
19JAN05.D	Calibration	Fluorobenzene	4.381	18500	803183	0.0230	11.8493	12.5000	94.8
19JAN06.D	Calibration	Fluorobenzene	4.384	40298	818509	0.0492	25.3277	25.0000	101.3
19JAN07.D	Calibration	Fluorobenzene	4.384	75497	806368	0.0936	48.1651	50.0000	96.3
19JAN09.D	Calibration	Fluorobenzene	4.378	205663	854591	0.2407	123.8038	125.0000	99.0
19JAN11.D	Calibration	Fluorobenzene	4.381	442070	874562	0.5055	260.0378	250.0000	104.0
19JAN13.D	Calibration	Fluorobenzene	4.381	658287	894962	0.7355	378.3961	375.0000	100.9
19JAN15.D	Calibration	Fluorobenzene	4.381	921258	914923	1.0069	518.0035	500.0000	103.6
19JAN17.D	QC	Fluorobenzene	4.378	218409	886938	0.2463	126.6815	125.0000	

Compound: 2,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	5.181	3183	794248	0.0040	2.7359	2.5000	109.4
19JAN05.D	Calibration	Fluorobenzene	5.190	14213	803183	0.0177	12.0798	12.5000	96.6
19JAN06.D	Calibration	Fluorobenzene	5.193	30539	818509	0.0373	25.4695	25.0000	101.9
19JAN07.D	Calibration	Fluorobenzene	5.193	56651	806368	0.0703	47.9582	50.0000	95.9
19JAN09.D	Calibration	Fluorobenzene	5.193	153450	854591	0.1796	122.5736	125.0000	98.1

Compound: 2,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN11.D	Calibration	Fluorobenzene	5.193	331689	874562	0.3793	258.8981	250.0000	103.6
19JAN13.D	Calibration	Fluorobenzene	5.195	501019	894962	0.5598	382.1537	375.0000	101.9
19JAN15.D	Calibration	Fluorobenzene	5.190	683822	914923	0.7474	510.2077	500.0000	102.0
19JAN17.D	QC	Fluorobenzene	5.193	169689	886938	0.1913	130.6017	125.0000	

Compound: cis-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	5.215	2334	794248	0.0029	2.7941	2.5000	111.8
19JAN05.D	Calibration	Fluorobenzene	5.209	9874	803183	0.0123	11.6899	12.5000	93.5
19JAN06.D	Calibration	Fluorobenzene	5.215	20810	818509	0.0254	24.1758	25.0000	96.7
19JAN07.D	Calibration	Fluorobenzene	5.212	39093	806368	0.0485	46.0997	50.0000	92.2
19JAN09.D	Calibration	Fluorobenzene	5.215	112808	854591	0.1320	125.5204	125.0000	100.4
19JAN11.D	Calibration	Fluorobenzene	5.215	243087	874562	0.2780	264.3041	250.0000	105.7
19JAN13.D	Calibration	Fluorobenzene	5.215	369412	894962	0.4128	392.4995	375.0000	104.7
19JAN15.D	Calibration	Fluorobenzene	5.212	513671	914923	0.5614	533.8672	500.0000	106.8
19JAN17.D	QC	Fluorobenzene	5.212	118223	886938	0.1333	126.7481	125.0000	

Compound: Methyl ethyl ketone

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	5.293	2962	794248	0.0037	24.5342	25.0000	98.1
19JAN05.D	Calibration	Fluorobenzene	5.288	15038	803183	0.0187	123.1947	125.0000	98.6
19JAN06.D	Calibration	Fluorobenzene	5.282	28861	818509	0.0353	232.0088	250.0000	92.8
19JAN07.D	Calibration	Fluorobenzene	5.285	58185	806368	0.0722	474.7821	500.0000	95.0
19JAN09.D	Calibration	Fluorobenzene	5.279	154105	854591	0.1803	1186.5197	1250.0000	94.9
19JAN11.D	Calibration	Fluorobenzene	5.279	348492	874562	0.3985	2621.9160	2500.0000	104.9
19JAN13.D	Calibration	Fluorobenzene	5.279	538796	894962	0.6020	3961.2871	3750.0000	105.6
19JAN15.D	Calibration	Fluorobenzene	5.279	752615	914923	0.8226	5412.5869	5000.0000	108.3
19JAN17.D	QC	Fluorobenzene	5.282	160409	886938	0.1809	1190.0139	1250.0000	

Compound: Bromochloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	5.516	901	794248	0.0011	2.6151	2.5000	104.6
19JAN05.D	Calibration	Fluorobenzene	5.516	4232	803183	0.0053	12.1514	12.5000	97.2
19JAN06.D	Calibration	Fluorobenzene	5.519	8977	818509	0.0110	25.2940	25.0000	101.2
19JAN07.D	Calibration	Fluorobenzene	5.511	17084	806368	0.0212	48.8614	50.0000	97.7
19JAN09.D	Calibration	Fluorobenzene	5.516	45958	854591	0.0538	124.0258	125.0000	99.2
19JAN11.D	Calibration	Fluorobenzene	5.516	99685	874562	0.1140	262.8745	250.0000	105.1
19JAN13.D	Calibration	Fluorobenzene	5.519	147182	894962	0.1645	379.2795	375.0000	101.1
19JAN15.D	Calibration	Fluorobenzene	5.519	195140	914923	0.2133	491.8934	500.0000	98.4

Compound: Bromochloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN17.D	QC	Fluorobenzene	5.519	45441	886938	0.0512	118.1582	125.0000	

Compound: Chloroform

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	5.656	4726	794248	0.0060	3.0658	2.5000	122.6
19JAN05.D	Calibration	Fluorobenzene	5.653	18593	803183	0.0231	11.9271	12.5000	95.4
19JAN06.D	Calibration	Fluorobenzene	5.647	38158	818509	0.0466	24.0194	25.0000	96.1
19JAN07.D	Calibration	Fluorobenzene	5.647	74048	806368	0.0918	47.3129	50.0000	94.6
19JAN09.D	Calibration	Fluorobenzene	5.653	196261	854591	0.2297	118.3246	125.0000	94.7
19JAN11.D	Calibration	Fluorobenzene	5.653	420250	874562	0.4805	247.5804	250.0000	99.0
19JAN13.D	Calibration	Fluorobenzene	5.653	641596	894962	0.7169	369.3654	375.0000	98.5
19JAN15.D	Calibration	Fluorobenzene	5.650	879544	914923	0.9613	495.3045	500.0000	99.1
19JAN17.D	QC	Fluorobenzene	5.653	199758	886938	0.2252	116.0406	125.0000	

Compound: 1,1,1-Trichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	5.834	3627	794248	0.0046	2.5502	2.5000	102.0
19JAN05.D	Calibration	Fluorobenzene	5.829	16614	803183	0.0207	11.5510	12.5000	92.4
19JAN06.D	Calibration	Fluorobenzene	5.828	36046	818509	0.0440	24.5919	25.0000	98.4
19JAN07.D	Calibration	Fluorobenzene	5.834	69594	806368	0.0863	48.1944	50.0000	96.4
19JAN09.D	Calibration	Fluorobenzene	5.831	189468	854591	0.2217	123.8043	125.0000	99.0
19JAN11.D	Calibration	Fluorobenzene	5.834	414139	874562	0.4735	264.4318	250.0000	105.8
19JAN13.D	Calibration	Fluorobenzene	5.834	616756	894962	0.6891	384.8283	375.0000	102.6
19JAN15.D	Calibration	Fluorobenzene	5.831	863441	914923	0.9437	526.9948	500.0000	105.4
19JAN17.D	QC	Fluorobenzene	5.831	195526	886938	0.2205	123.1032	125.0000	

Compound: Dibromofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene	5.845	221291	812130	0.2725	281.3207		
19JAN04.D	Calibration	Fluorobenzene	5.851	2660	794248	0.0033	3.4579	2.5000	138.3
19JAN05.D	Calibration	Fluorobenzene	5.845	9521	803183	0.0119	12.2386	12.5000	97.9
19JAN06.D	Calibration	Fluorobenzene	5.851	19834	818509	0.0242	25.0179	25.0000	100.1
19JAN07.D	Calibration	Fluorobenzene	5.848	38453	806368	0.0477	49.2335	50.0000	98.5
19JAN09.D	Calibration	Fluorobenzene	5.851	100821	854591	0.1180	121.8025	125.0000	97.4
19JAN11.D	Calibration	Fluorobenzene	5.851	221667	874562	0.2535	261.6821	250.0000	104.7
19JAN13.D	Calibration	Fluorobenzene	5.845	325687	894962	0.3639	375.7157	375.0000	100.2
19JAN15.D	Calibration	Fluorobenzene	5.845	448615	914923	0.4903	506.2357	500.0000	101.2
19JAN17.D	QC	Fluorobenzene	5.848	198103	886938	0.2234	230.6011	250.0000	

Compound: Carbon tetrachloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	6.035	3586	794248	0.0045	2.5993	2.5000	104.0
19JAN05.D	Calibration	Fluorobenzene	6.024	15775	803183	0.0196	11.3084	12.5000	90.5
19JAN06.D	Calibration	Fluorobenzene	6.026	34965	818509	0.0427	24.5955	25.0000	98.4
19JAN07.D	Calibration	Fluorobenzene	6.026	66332	806368	0.0823	47.3626	50.0000	94.7
19JAN09.D	Calibration	Fluorobenzene	6.024	183978	854591	0.2153	123.9520	125.0000	99.2
19JAN11.D	Calibration	Fluorobenzene	6.027	404308	874562	0.4623	266.1753	250.0000	106.5
19JAN13.D	Calibration	Fluorobenzene	6.026	604305	894962	0.6752	388.7744	375.0000	103.7
19JAN15.D	Calibration	Fluorobenzene	6.027	851101	914923	0.9302	535.6026	500.0000	107.1
19JAN17.D	QC	Fluorobenzene	6.024	187895	886938	0.2118	121.9742	125.0000	

Compound: 1,1-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	6.052	2749	794248	0.0035	2.3833	2.5000	95.3
19JAN05.D	Calibration	Fluorobenzene	6.041	12417	803183	0.0155	10.6461	12.5000	85.2
19JAN06.D	Calibration	Fluorobenzene	6.035	27641	818509	0.0338	23.2550	25.0000	93.0
19JAN07.D	Calibration	Fluorobenzene	6.038	52282	806368	0.0648	44.6484	50.0000	89.3
19JAN09.D	Calibration	Fluorobenzene	6.040	156331	854591	0.1829	125.9718	125.0000	100.8
19JAN11.D	Calibration	Fluorobenzene	6.038	350070	874562	0.4003	275.6455	250.0000	110.3
19JAN13.D	Calibration	Fluorobenzene	6.043	531739	894962	0.5941	409.1480	375.0000	109.1
19JAN15.D	Calibration	Fluorobenzene	6.038	746500	914923	0.8159	561.8648	500.0000	112.4
19JAN17.D	QC	Fluorobenzene	6.040	158033	886938	0.1782	122.6990	125.0000	

Compound: 1,2-Dichloroethane-d4

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene	6.233	100892	812130	0.1242	296.9186		
19JAN04.D	Calibration	Fluorobenzene	6.241	979	794248	0.0012	2.9446	2.5000	117.8
19JAN05.D	Calibration	Fluorobenzene	6.227	4197	803183	0.0052	12.4883	12.5000	99.9
19JAN06.D	Calibration	Fluorobenzene	6.238	8619	818509	0.0105	25.1675	25.0000	100.7
19JAN07.D	Calibration	Fluorobenzene	6.233	16425	806368	0.0204	48.6831	50.0000	97.4
19JAN09.D	Calibration	Fluorobenzene	6.230	45314	854591	0.0530	126.7303	125.0000	101.4
19JAN11.D	Calibration	Fluorobenzene	6.236	92919	874562	0.1062	253.9336	250.0000	101.6
19JAN13.D	Calibration	Fluorobenzene	6.233	139362	894962	0.1557	372.1740	375.0000	99.2
19JAN15.D	Calibration	Fluorobenzene	6.230	191123	914923	0.2089	499.2690	500.0000	99.9
19JAN17.D	QC	Fluorobenzene	6.233	100187	886938	0.1130	269.9755	250.0000	

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	6.275	8357	794248	0.0105	2.6339	2.5000	105.4
19JAN05.D	Calibration	Fluorobenzene	6.286	37609	803183	0.0468	11.7214	12.5000	93.8

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN06.D	Calibration	Fluorobenzene	6.283	76658	818509	0.0937	23.4442	25.0000	93.8
19JAN07.D	Calibration	Fluorobenzene	6.277	149512	806368	0.1854	46.4135	50.0000	92.8
19JAN09.D	Calibration	Fluorobenzene	6.283	424881	854591	0.4972	124.4545	125.0000	99.6
19JAN11.D	Calibration	Fluorobenzene	6.277	920174	874562	1.0522	263.3789	250.0000	105.4
19JAN13.D	Calibration	Fluorobenzene	6.280	1403257	894962	1.5680	392.4951	375.0000	104.7
19JAN15.D	Calibration	Fluorobenzene	6.280	1913180	914923	2.0911	523.4472	500.0000	104.7
19JAN17.D	QC	Fluorobenzene	6.280	442173	886938	0.4985	124.7960	125.0000	

Compound: 1,2-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Fluorobenzene			812130		ND		
19JAN04.D	Calibration	Fluorobenzene	6.316	2542	794248	0.0032	2.9004	2.5000	116.0
19JAN05.D	Calibration	Fluorobenzene	6.322	11123	803183	0.0138	12.5510	12.5000	100.4
19JAN06.D	Calibration	Fluorobenzene	6.322	21778	818509	0.0266	24.1139	25.0000	96.5
19JAN07.D	Calibration	Fluorobenzene	6.322	43538	806368	0.0540	48.9336	50.0000	97.9
19JAN09.D	Calibration	Fluorobenzene	6.325	109046	854591	0.1276	115.6442	125.0000	92.5
19JAN11.D	Calibration	Fluorobenzene	6.322	236845	874562	0.2708	245.4404	250.0000	98.2
19JAN13.D	Calibration	Fluorobenzene	6.322	368750	894962	0.4120	373.4220	375.0000	99.6
19JAN15.D	Calibration	Fluorobenzene	6.325	499614	914923	0.5461	494.9057	500.0000	99.0
19JAN17.D	QC	Fluorobenzene	6.325	110579	886938	0.1247	112.9931	125.0000	

Compound: Trichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	7.030	2545	316490	0.0080	2.6860	2.5000	107.4
19JAN05.D	Calibration	Chlorobenzene-d5	7.022	10949	313722	0.0349	11.6577	12.5000	93.3
19JAN06.D	Calibration	Chlorobenzene-d5	7.030	23390	321094	0.0728	24.3322	25.0000	97.3
19JAN07.D	Calibration	Chlorobenzene-d5	7.030	44214	318877	0.1387	46.3149	50.0000	92.6
19JAN09.D	Calibration	Chlorobenzene-d5	7.025	120511	330468	0.3647	121.8095	125.0000	97.4
19JAN11.D	Calibration	Chlorobenzene-d5	7.028	265703	333271	0.7973	266.3072	250.0000	106.5
19JAN13.D	Calibration	Chlorobenzene-d5	7.028	399934	333736	1.1984	400.2849	375.0000	106.7
19JAN15.D	Calibration	Chlorobenzene-d5	7.028	553822	348824	1.5877	530.3320	500.0000	106.1
19JAN17.D	QC	Chlorobenzene-d5	7.028	128332	337386	0.3804	127.0550	125.0000	

Compound: 1,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	7.267	2351	316490	0.0074	2.8222	2.5000	112.9
19JAN05.D	Calibration	Chlorobenzene-d5	7.273	9499	313722	0.0303	11.5033	12.5000	92.0
19JAN06.D	Calibration	Chlorobenzene-d5	7.267	20331	321094	0.0633	24.0555	25.0000	96.2
19JAN07.D	Calibration	Chlorobenzene-d5	7.270	38730	318877	0.1215	46.1437	50.0000	92.3
19JAN09.D	Calibration	Chlorobenzene-d5	7.270	106955	330468	0.3236	122.9589	125.0000	98.4

Compound: 1,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN11.D	Calibration	Chlorobenzene-d5	7.270	235120	333271	0.7055	268.0280	250.0000	107.2
19JAN13.D	Calibration	Chlorobenzene-d5	7.270	352771	333736	1.0570	401.5854	375.0000	107.1
19JAN15.D	Calibration	Chlorobenzene-d5	7.270	490282	348824	1.4055	533.9834	500.0000	106.8
19JAN17.D	QC	Chlorobenzene-d5	7.273	111240	337386	0.3297	125.2628	125.0000	

Compound: Dibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	7.398	1166	316490	0.0037	3.3195	2.5000	132.8
19JAN05.D	Calibration	Chlorobenzene-d5	7.396	4088	313722	0.0130	11.7450	12.5000	94.0
19JAN06.D	Calibration	Chlorobenzene-d5	7.398	9095	321094	0.0283	25.5304	25.0000	102.1
19JAN07.D	Calibration	Chlorobenzene-d5	7.393	16899	318877	0.0530	47.7666	50.0000	95.5
19JAN09.D	Calibration	Chlorobenzene-d5	7.398	44657	330468	0.1351	121.7998	125.0000	97.4
19JAN11.D	Calibration	Chlorobenzene-d5	7.396	97445	333271	0.2924	263.5412	250.0000	105.4
19JAN13.D	Calibration	Chlorobenzene-d5	7.396	143756	333736	0.4307	388.2481	375.0000	103.5
19JAN15.D	Calibration	Chlorobenzene-d5	7.393	197367	348824	0.5658	509.9818	500.0000	102.0
19JAN17.D	QC	Chlorobenzene-d5	7.399	44818	337386	0.1328	119.7325	125.0000	

Compound: Bromodichloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	7.588	2606	316490	0.0082	2.6393	2.5000	105.6
19JAN05.D	Calibration	Chlorobenzene-d5	7.585	12025	313722	0.0383	12.2862	12.5000	98.3
19JAN06.D	Calibration	Chlorobenzene-d5	7.585	24925	321094	0.0776	24.8816	25.0000	99.5
19JAN07.D	Calibration	Chlorobenzene-d5	7.585	46426	318877	0.1456	46.6674	50.0000	93.3
19JAN09.D	Calibration	Chlorobenzene-d5	7.580	124982	330468	0.3782	121.2255	125.0000	97.0
19JAN11.D	Calibration	Chlorobenzene-d5	7.585	270436	333271	0.8115	260.1015	250.0000	104.0
19JAN13.D	Calibration	Chlorobenzene-d5	7.583	408420	333736	1.2238	392.2653	375.0000	104.6
19JAN15.D	Calibration	Chlorobenzene-d5	7.585	561671	348824	1.6102	516.1211	500.0000	103.2
19JAN17.D	QC	Chlorobenzene-d5	7.583	131590	337386	0.3900	125.0178	125.0000	

Compound: cis-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	8.057	3052	316490	0.0096	2.8168	2.5000	112.7
19JAN05.D	Calibration	Chlorobenzene-d5	8.059	12472	313722	0.0398	11.6126	12.5000	92.9
19JAN06.D	Calibration	Chlorobenzene-d5	8.057	24965	321094	0.0777	22.7111	25.0000	90.8
19JAN07.D	Calibration	Chlorobenzene-d5	8.059	47339	318877	0.1485	43.3645	50.0000	86.7
19JAN09.D	Calibration	Chlorobenzene-d5	8.059	139607	330468	0.4225	123.4003	125.0000	98.7
19JAN11.D	Calibration	Chlorobenzene-d5	8.057	311156	333271	0.9336	272.7213	250.0000	109.1
19JAN13.D	Calibration	Chlorobenzene-d5	8.057	471983	333736	1.4142	413.1062	375.0000	110.2
19JAN15.D	Calibration	Chlorobenzene-d5	8.057	666084	348824	1.9095	557.7775	500.0000	111.6

Compound: cis-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN17.D	QC	Chlorobenzene-d5	8.057	139981	337386	0.4149	121.1938	125.0000	

Compound: Toluene-d8

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5	8.322	833211	329825	2.5262	258.9413		
19JAN04.D	Calibration	Chlorobenzene-d5	8.319	8454	316490	0.0267	2.7380	2.5000	109.5
19JAN05.D	Calibration	Chlorobenzene-d5	8.319	33951	313722	0.1082	11.0927	12.5000	88.7
19JAN06.D	Calibration	Chlorobenzene-d5	8.319	72066	321094	0.2244	23.0053	25.0000	92.0
19JAN07.D	Calibration	Chlorobenzene-d5	8.322	142617	318877	0.4472	45.8435	50.0000	91.7
19JAN09.D	Calibration	Chlorobenzene-d5	8.319	412799	330468	1.2491	128.0381	125.0000	102.4
19JAN11.D	Calibration	Chlorobenzene-d5	8.322	885297	333271	2.6564	272.2835	250.0000	108.9
19JAN13.D	Calibration	Chlorobenzene-d5	8.322	1329503	333736	3.9837	408.3346	375.0000	108.9
19JAN15.D	Calibration	Chlorobenzene-d5	8.322	1826060	348824	5.2349	536.5850	500.0000	107.3
19JAN17.D	QC	Chlorobenzene-d5	8.319	896928	337386	2.6585	272.4962	250.0000	

Compound: Toluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	8.380	5454	316490	0.0172	2.6500	2.5000	106.0
19JAN05.D	Calibration	Chlorobenzene-d5	8.386	21899	313722	0.0698	10.7342	12.5000	85.9
19JAN06.D	Calibration	Chlorobenzene-d5	8.391	48441	321094	0.1509	23.1991	25.0000	92.8
19JAN07.D	Calibration	Chlorobenzene-d5	8.386	92615	318877	0.2904	44.6630	50.0000	89.3
19JAN09.D	Calibration	Chlorobenzene-d5	8.386	269549	330468	0.8157	125.4292	125.0000	100.3
19JAN11.D	Calibration	Chlorobenzene-d5	8.388	587069	333271	1.7615	270.8830	250.0000	108.4
19JAN13.D	Calibration	Chlorobenzene-d5	8.388	890126	333736	2.6672	410.1461	375.0000	109.4
19JAN15.D	Calibration	Chlorobenzene-d5	8.389	1224192	348824	3.5095	539.6763	500.0000	107.9
19JAN17.D	QC	Chlorobenzene-d5	8.389	277703	337386	0.8231	126.5738	125.0000	

Compound: trans-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	8.639	2153	316490	0.0068	2.7242	2.5000	109.0
19JAN05.D	Calibration	Chlorobenzene-d5	8.634	8755	313722	0.0279	11.1755	12.5000	89.4
19JAN06.D	Calibration	Chlorobenzene-d5	8.637	18613	321094	0.0580	23.2136	25.0000	92.9
19JAN07.D	Calibration	Chlorobenzene-d5	8.637	36009	318877	0.1129	45.2216	50.0000	90.4
19JAN09.D	Calibration	Chlorobenzene-d5	8.637	102846	330468	0.3112	124.6280	125.0000	99.7
19JAN11.D	Calibration	Chlorobenzene-d5	8.637	223772	333271	0.6714	268.8845	250.0000	107.6
19JAN13.D	Calibration	Chlorobenzene-d5	8.637	345161	333736	1.0342	414.1677	375.0000	110.4
19JAN15.D	Calibration	Chlorobenzene-d5	8.637	477330	348824	1.3684	547.9867	500.0000	109.6
19JAN17.D	QC	Chlorobenzene-d5	8.637	105873	337386	0.3138	125.6654	125.0000	

Compound: 1,1,2-Trichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	8.818	1045	316490	0.0033	2.6009	2.5000	104.0
19JAN05.D	Calibration	Chlorobenzene-d5	8.815	4762	313722	0.0152	11.9543	12.5000	95.6
19JAN06.D	Calibration	Chlorobenzene-d5	8.821	9780	321094	0.0305	23.9876	25.0000	96.0
19JAN07.D	Calibration	Chlorobenzene-d5	8.818	19237	318877	0.0603	47.5110	50.0000	95.0
19JAN09.D	Calibration	Chlorobenzene-d5	8.818	52780	330468	0.1597	125.7824	125.0000	100.6
19JAN11.D	Calibration	Chlorobenzene-d5	8.818	110317	333271	0.3310	260.6902	250.0000	104.3
19JAN13.D	Calibration	Chlorobenzene-d5	8.815	167409	333736	0.5016	395.0532	375.0000	105.3
19JAN15.D	Calibration	Chlorobenzene-d5	8.815	228423	348824	0.6548	515.7192	500.0000	103.1
19JAN17.D	QC	Chlorobenzene-d5	8.815	52407	337386	0.1553	122.3326	125.0000	

Compound: Tetrachloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	8.927	2190	316490	0.0069	2.6241	2.5000	105.0
19JAN05.D	Calibration	Chlorobenzene-d5	8.938	8964	313722	0.0286	10.8355	12.5000	86.7
19JAN06.D	Calibration	Chlorobenzene-d5	8.938	21156	321094	0.0659	24.9859	25.0000	99.9
19JAN07.D	Calibration	Chlorobenzene-d5	8.935	38749	318877	0.1215	46.0820	50.0000	92.2
19JAN09.D	Calibration	Chlorobenzene-d5	8.935	109194	330468	0.3304	125.3035	125.0000	100.2
19JAN11.D	Calibration	Chlorobenzene-d5	8.938	231586	333271	0.6949	263.5170	250.0000	105.4
19JAN13.D	Calibration	Chlorobenzene-d5	8.935	346235	333736	1.0375	393.4248	375.0000	104.9
19JAN15.D	Calibration	Chlorobenzene-d5	8.935	486052	348824	1.3934	528.4090	500.0000	105.7
19JAN17.D	QC	Chlorobenzene-d5	8.938	112100	337386	0.3323	126.0005	125.0000	

Compound: 1,3-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	8.977	2260	316490	0.0071	2.7790	2.5000	111.2
19JAN05.D	Calibration	Chlorobenzene-d5	8.985	9988	313722	0.0318	12.3902	12.5000	99.1
19JAN06.D	Calibration	Chlorobenzene-d5	8.977	20205	321094	0.0629	24.4891	25.0000	98.0
19JAN07.D	Calibration	Chlorobenzene-d5	8.977	38147	318877	0.1196	46.5568	50.0000	93.1
19JAN09.D	Calibration	Chlorobenzene-d5	8.980	101384	330468	0.3068	119.3950	125.0000	95.5
19JAN11.D	Calibration	Chlorobenzene-d5	8.982	223019	333271	0.6692	260.4297	250.0000	104.2
19JAN13.D	Calibration	Chlorobenzene-d5	8.980	339654	333736	1.0177	396.0772	375.0000	105.6
19JAN15.D	Calibration	Chlorobenzene-d5	8.980	468322	348824	1.3426	522.4977	500.0000	104.5
19JAN17.D	QC	Chlorobenzene-d5	8.980	99920	337386	0.2962	115.2581	125.0000	

Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	9.205	2004	316490	0.0063	3.0962	2.5000	123.8
19JAN05.D	Calibration	Chlorobenzene-d5	9.203	7984	313722	0.0254	12.4449	12.5000	99.6

Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN06.D	Calibration	Chlorobenzene-d5	9.205	15826	321094	0.0493	24.1020	25.0000	96.4
19JAN07.D	Calibration	Chlorobenzene-d5	9.203	30000	318877	0.0941	46.0058	50.0000	92.0
19JAN09.D	Calibration	Chlorobenzene-d5	9.206	83172	330468	0.2517	123.0729	125.0000	98.5
19JAN11.D	Calibration	Chlorobenzene-d5	9.203	178171	333271	0.5346	261.4293	250.0000	104.6
19JAN13.D	Calibration	Chlorobenzene-d5	9.203	269032	333736	0.8061	394.1991	375.0000	105.1
19JAN15.D	Calibration	Chlorobenzene-d5	9.203	370474	348824	1.0621	519.3572	500.0000	103.9
19JAN17.D	QC	Chlorobenzene-d5	9.206	81909	337386	0.2428	118.7188	125.0000	

Compound: 1,2-Dibromoethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	9.309	1089	316490	0.0034	2.4525	2.5000	98.1
19JAN05.D	Calibration	Chlorobenzene-d5	9.306	4936	313722	0.0157	11.2192	12.5000	89.8
19JAN06.D	Calibration	Chlorobenzene-d5	9.303	11412	321094	0.0355	25.3431	25.0000	101.4
19JAN07.D	Calibration	Chlorobenzene-d5	9.303	20667	318877	0.0648	46.2152	50.0000	92.4
19JAN09.D	Calibration	Chlorobenzene-d5	9.300	58489	330468	0.1770	126.2047	125.0000	101.0
19JAN11.D	Calibration	Chlorobenzene-d5	9.303	124289	333271	0.3729	265.9291	250.0000	106.4
19JAN13.D	Calibration	Chlorobenzene-d5	9.306	184921	333736	0.5541	395.1062	375.0000	105.4
19JAN15.D	Calibration	Chlorobenzene-d5	9.303	253758	348824	0.7275	518.7332	500.0000	103.7
19JAN17.D	QC	Chlorobenzene-d5	9.306	58586	337386	0.1736	123.8219	125.0000	

Compound: Chlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	9.799	6152	316490	0.0194	2.7267	2.5000	109.1
19JAN05.D	Calibration	Chlorobenzene-d5	9.797	26688	313722	0.0851	11.9332	12.5000	95.5
19JAN06.D	Calibration	Chlorobenzene-d5	9.802	55632	321094	0.1733	24.3040	25.0000	97.2
19JAN07.D	Calibration	Chlorobenzene-d5	9.802	106223	318877	0.3331	46.7283	50.0000	93.5
19JAN09.D	Calibration	Chlorobenzene-d5	9.800	289340	330468	0.8755	122.8185	125.0000	98.3
19JAN11.D	Calibration	Chlorobenzene-d5	9.802	625101	333271	1.8757	263.1099	250.0000	105.2
19JAN13.D	Calibration	Chlorobenzene-d5	9.799	945250	333736	2.8323	397.3088	375.0000	105.9
19JAN15.D	Calibration	Chlorobenzene-d5	9.802	1298233	348824	3.7217	522.0725	500.0000	104.4
19JAN17.D	QC	Chlorobenzene-d5	9.802	307100	337386	0.9102	127.6842	125.0000	

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	9.891	2284	316490	0.0072	2.8847	2.5000	115.4
19JAN05.D	Calibration	Chlorobenzene-d5	9.894	9446	313722	0.0301	12.0378	12.5000	96.3
19JAN06.D	Calibration	Chlorobenzene-d5	9.891	19516	321094	0.0608	24.2998	25.0000	97.2
19JAN07.D	Calibration	Chlorobenzene-d5	9.889	37389	318877	0.1173	46.8776	50.0000	93.8
19JAN09.D	Calibration	Chlorobenzene-d5	9.894	101500	330468	0.3071	122.7951	125.0000	98.2

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN11.D	Calibration	Chlorobenzene-d5	9.889	219325	333271	0.6581	263.1086	250.0000	105.2
19JAN13.D	Calibration	Chlorobenzene-d5	9.889	329822	333736	0.9883	395.1127	375.0000	105.4
19JAN15.D	Calibration	Chlorobenzene-d5	9.892	453261	348824	1.2994	519.5010	500.0000	103.9
19JAN17.D	QC	Chlorobenzene-d5	9.892	102231	337386	0.3030	121.1435	125.0000	

Compound: Ethylbenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	9.922	8834	316490	0.0279	2.9089	2.5000	116.4
19JAN05.D	Calibration	Chlorobenzene-d5	9.914	42980	313722	0.1370	11.9196	12.5000	95.4
19JAN06.D	Calibration	Chlorobenzene-d5	9.917	91590	321094	0.2852	24.0921	25.0000	96.4
19JAN07.D	Calibration	Chlorobenzene-d5	9.919	171854	318877	0.5389	44.7337	50.0000	89.5
19JAN09.D	Calibration	Chlorobenzene-d5	9.919	505127	330468	1.5285	123.1021	125.0000	98.5
19JAN11.D	Calibration	Chlorobenzene-d5	9.919	1116949	333271	3.3515	259.5637	250.0000	103.8
19JAN13.D	Calibration	Chlorobenzene-d5	9.919	1697682	333736	5.0869	381.4483	375.0000	101.7
19JAN15.D	Calibration	Chlorobenzene-d5	9.920	2354058	348824	6.7486	492.0069	500.0000	98.4
19JAN17.D	QC	Chlorobenzene-d5	9.919	535079	337386	1.5860	127.5512	125.0000	

Compound: m+p-Xylenes

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	10.036	6744	316490	0.0213	6.1738	5.0000	123.5
19JAN05.D	Calibration	Chlorobenzene-d5	10.037	31103	313722	0.0991	22.1645	25.0000	88.7
19JAN06.D	Calibration	Chlorobenzene-d5	10.036	71705	321094	0.2233	47.5617	50.0000	95.1
19JAN07.D	Calibration	Chlorobenzene-d5	10.039	136806	318877	0.4290	89.3329	100.0000	89.3
19JAN09.D	Calibration	Chlorobenzene-d5	10.039	405724	330468	1.2277	248.1048	250.0000	99.2
19JAN11.D	Calibration	Chlorobenzene-d5	10.039	887253	333271	2.6623	520.9218	500.0000	104.2
19JAN13.D	Calibration	Chlorobenzene-d5	10.037	1334216	333736	3.9978	762.4509	750.0000	101.7
19JAN15.D	Calibration	Chlorobenzene-d5	10.039	1838610	348824	5.2709	982.9557	1000.0000	98.3
19JAN17.D	QC	Chlorobenzene-d5	10.037	413361	337386	1.2252	247.6085	250.0000	

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	10.432	2826	316490	0.0089	3.0886	2.5000	123.5
19JAN05.D	Calibration	Chlorobenzene-d5	10.435	13717	313722	0.0437	11.3234	12.5000	90.6
19JAN06.D	Calibration	Chlorobenzene-d5	10.427	30498	321094	0.0950	23.3834	25.0000	93.5
19JAN07.D	Calibration	Chlorobenzene-d5	10.433	58814	318877	0.1844	44.2320	50.0000	88.5
19JAN09.D	Calibration	Chlorobenzene-d5	10.433	179108	330468	0.5420	125.1872	125.0000	100.1
19JAN11.D	Calibration	Chlorobenzene-d5	10.430	387676	333271	1.1632	257.9276	250.0000	103.2
19JAN13.D	Calibration	Chlorobenzene-d5	10.433	598606	333736	1.7937	384.0157	375.0000	102.4
19JAN15.D	Calibration	Chlorobenzene-d5	10.433	822173	348824	2.3570	490.5696	500.0000	98.1

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN17.D	QC	Chlorobenzene-d5	10.430	184033	337386	0.5455	125.9585	125.0000	

Compound: Styrene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	Chlorobenzene-d5			329825		ND		
19JAN04.D	Calibration	Chlorobenzene-d5	10.444	4834	316490	0.0153	3.1839	2.5000	127.4
19JAN05.D	Calibration	Chlorobenzene-d5	10.447	21872	313722	0.0697	10.9234	12.5000	87.4
19JAN06.D	Calibration	Chlorobenzene-d5	10.446	50294	321094	0.1566	23.2215	25.0000	92.9
19JAN07.D	Calibration	Chlorobenzene-d5	10.446	97810	318877	0.3067	44.2974	50.0000	88.6
19JAN09.D	Calibration	Chlorobenzene-d5	10.446	292722	330468	0.8858	123.7696	125.0000	99.0
19JAN11.D	Calibration	Chlorobenzene-d5	10.449	646327	333271	1.9393	261.6473	250.0000	104.7
19JAN13.D	Calibration	Chlorobenzene-d5	10.449	973131	333736	2.9159	382.7382	375.0000	102.1
19JAN15.D	Calibration	Chlorobenzene-d5	10.447	1332807	348824	3.8209	489.9958	500.0000	98.0
19JAN17.D	QC	Chlorobenzene-d5	10.449	306077	337386	0.9072	126.6563	125.0000	

Compound: Bromoform

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	10.633	928	241587	0.0038	2.8662	2.5000	114.6
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	10.631	4402	251947	0.0175	13.0389	12.5000	104.3
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	10.628	8920	258693	0.0345	25.7324	25.0000	102.9
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	10.628	16290	262955	0.0619	46.2317	50.0000	92.5
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	10.625	45045	278012	0.1620	120.9158	125.0000	96.7
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	10.625	96001	280059	0.3428	255.8151	250.0000	102.3
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	10.625	143943	286959	0.5016	374.3438	375.0000	99.8
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	10.625	198345	291918	0.6795	507.0612	500.0000	101.4
19JAN17.D	QC	1,4-Dichlorobenzene-d4	10.622	45029	283678	0.1587	118.4586	125.0000	

Compound: p-Bromofluorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4	10.951	244714	253834	0.9641	261.1079		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	10.946	3195	241587	0.0132	3.5819	2.5000	143.3
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	10.954	10669	251947	0.0423	11.4690	12.5000	91.8
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	10.951	23160	258693	0.0895	24.2474	25.0000	97.0
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	10.954	45114	262955	0.1716	46.4666	50.0000	92.9
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	10.948	128330	278012	0.4616	125.0189	125.0000	100.0
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	10.951	277668	280059	0.9915	268.5266	250.0000	107.4
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	10.951	415878	286959	1.4493	392.5157	375.0000	104.7
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	10.951	572482	291918	1.9611	531.1436	500.0000	106.2
19JAN17.D	QC	1,4-Dichlorobenzene-d4	10.948	270628	283678	0.9540	258.3795	250.0000	

Compound: Bromobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	11.093	2095	241587	0.0087	2.6633	2.5000	106.5
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	11.091	9784	251947	0.0388	11.9266	12.5000	95.4
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	11.093	20364	258693	0.0787	24.1762	25.0000	96.7
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	11.093	39639	262955	0.1507	46.2967	50.0000	92.6
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	11.093	112733	278012	0.4055	124.5365	125.0000	99.6
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.093	243851	280059	0.8707	267.4139	250.0000	107.0
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.093	361843	286959	1.2610	387.2660	375.0000	103.3
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.094	501025	291918	1.7163	527.1176	500.0000	105.4
19JAN17.D	QC	1,4-Dichlorobenzene-d4	11.091	118930	283678	0.4192	128.7582	125.0000	

Compound: 1,1,2,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	11.116	1247	241587	0.0052	2.7802	2.5000	111.2
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	11.113	5757	251947	0.0229	12.3034	12.5000	98.4
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	11.116	12137	258693	0.0469	25.2618	25.0000	101.0
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	11.113	24493	262955	0.0931	50.1531	50.0000	100.3
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	11.113	62640	278012	0.2253	121.3181	125.0000	97.1
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.110	133573	280059	0.4769	256.8068	250.0000	102.7
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.113	199230	286959	0.6943	373.8283	375.0000	99.7
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.113	273124	291918	0.9356	503.7746	500.0000	100.8
19JAN17.D	QC	1,4-Dichlorobenzene-d4	11.110	65177	283678	0.2298	123.7103	125.0000	

Compound: 1,2,3-Trichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	11.149	358	241587	0.0015	3.0373	2.5000	121.5
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	11.147	1522	251947	0.0060	12.3825	12.5000	99.1
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	11.144	3237	258693	0.0125	25.6435	25.0000	102.6
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	11.149	6147	262955	0.0234	47.9073	50.0000	95.8
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	11.152	16355	278012	0.0588	120.5610	125.0000	96.4
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.146	36124	280059	0.1290	264.3420	250.0000	105.7
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.149	52732	286959	0.1838	376.5948	375.0000	100.4
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.149	71179	291918	0.2438	499.7018	500.0000	99.9
19JAN17.D	QC	1,4-Dichlorobenzene-d4	11.152	16507	283678	0.0582	119.2511	125.0000	

Compound: 2-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	11.289	2035	241587	0.0084	2.6139	2.5000	104.6
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	11.292	9032	251947	0.0358	11.1243	12.5000	89.0

Compound: 2-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	11.291	20511	258693	0.0793	24.6038	25.0000	98.4
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	11.291	37139	262955	0.1412	43.8276	50.0000	87.7
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	11.291	114135	278012	0.4105	127.3956	125.0000	101.9
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.291	247831	280059	0.8849	274.6030	250.0000	109.8
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.291	365790	286959	1.2747	395.5589	375.0000	105.5
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.292	506556	291918	1.7353	538.4753	500.0000	107.7
19JAN17.D	QC	1,4-Dichlorobenzene-d4	11.291	117036	283678	0.4126	128.0245	125.0000	

Compound: 4-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	11.400	5544	241587	0.0229	2.1986	2.5000	87.9
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	11.400	26850	251947	0.1066	10.2102	12.5000	81.7
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	11.403	64162	258693	0.2480	23.7626	25.0000	95.1
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	11.400	125553	262955	0.4775	45.7452	50.0000	91.5
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	11.400	375931	278012	1.3522	129.5521	125.0000	103.6
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	11.397	814408	280059	2.9080	278.6073	250.0000	111.4
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	11.400	1209058	286959	4.2133	403.6708	375.0000	107.6
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	11.400	1661293	291918	5.6910	545.2370	500.0000	109.0
19JAN17.D	QC	1,4-Dichlorobenzene-d4	11.400	395846	283678	1.3954	133.6905	125.0000	

Compound: 1,3-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	12.030	3715	241587	0.0154	2.6066	2.5000	104.3
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	12.033	17111	251947	0.0679	11.5123	12.5000	92.1
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	12.028	37763	258693	0.1460	24.7445	25.0000	99.0
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	12.033	73221	262955	0.2785	47.2010	50.0000	94.4
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	12.033	200403	278012	0.7208	122.1906	125.0000	97.8
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	12.033	436562	280059	1.5588	264.2369	250.0000	105.7
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	12.033	652775	286959	2.2748	385.6033	375.0000	102.8
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	12.033	895336	291918	3.0671	519.9029	500.0000	104.0
19JAN17.D	QC	1,4-Dichlorobenzene-d4	12.036	214054	283678	0.7546	127.9071	125.0000	

Compound: 1,4-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	12.122	3952	241587	0.0164	2.7200	2.5000	108.8
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	12.125	17730	251947	0.0704	11.7008	12.5000	93.6
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	12.122	38799	258693	0.1500	24.9375	25.0000	99.8
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	12.122	72168	262955	0.2745	45.6332	50.0000	91.3
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	12.122	205880	278012	0.7405	123.1312	125.0000	98.5

Compound: 1,4-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	12.122	438291	280059	1.5650	260.2139	250.0000	104.1
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	12.122	656962	286959	2.2894	380.6606	375.0000	101.5
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	12.123	899595	291918	3.0817	512.3936	500.0000	102.5
19JAN17.D	QC	1,4-Dichlorobenzene-d4	12.122	216533	283678	0.7633	126.9159	125.0000	

Compound: 1,2-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
19JAN03.D	Blank	1,4-Dichlorobenzene-d4			253834		ND		
19JAN04.D	Calibration	1,4-Dichlorobenzene-d4	12.488	3048	241587	0.0126	2.5616	2.5000	102.5
19JAN05.D	Calibration	1,4-Dichlorobenzene-d4	12.496	14345	251947	0.0569	11.5601	12.5000	92.5
19JAN06.D	Calibration	1,4-Dichlorobenzene-d4	12.496	31975	258693	0.1236	25.0956	25.0000	100.4
19JAN07.D	Calibration	1,4-Dichlorobenzene-d4	12.493	59208	262955	0.2252	45.7163	50.0000	91.4
19JAN09.D	Calibration	1,4-Dichlorobenzene-d4	12.493	169723	278012	0.6105	123.9507	125.0000	99.2
19JAN11.D	Calibration	1,4-Dichlorobenzene-d4	12.493	366153	280059	1.3074	265.4514	250.0000	106.2
19JAN13.D	Calibration	1,4-Dichlorobenzene-d4	12.493	546389	286959	1.9041	386.5930	375.0000	103.1
19JAN15.D	Calibration	1,4-Dichlorobenzene-d4	12.493	753439	291918	2.5810	524.0336	500.0000	104.8
19JAN17.D	QC	1,4-Dichlorobenzene-d4	12.493	177148	283678	0.6245	126.7893	125.0000	

Initial Calibration Report - VOA5975C

Method Path	\\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL
Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m
Batch Name	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin
Last Calib Update	1/20/2022 9:28:12 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\VOA5975C\VG011922\19JAN04.D	1/19/2022 10:48:21 AM	1/20/2022 9:28:12 AM
2	D:\Org\Data\VOA5975C\VG011922\19JAN05.D	1/19/2022 11:15:33 AM	1/20/2022 9:28:12 AM
3	D:\Org\Data\VOA5975C\VG011922\19JAN06.D	1/19/2022 11:42:44 AM	1/20/2022 9:28:12 AM
4	D:\Org\Data\VOA5975C\VG011922\19JAN07.D	1/19/2022 12:09:57 PM	1/20/2022 9:28:12 AM
5	D:\Org\Data\VOA5975C\VG011922\19JAN09.D	1/19/2022 1:04:20 PM	1/20/2022 9:28:12 AM
6	D:\Org\Data\VOA5975C\VG011922\19JAN11.D	1/19/2022 1:58:41 PM	1/20/2022 9:28:12 AM
7	D:\Org\Data\VOA5975C\VG011922\19JAN13.D	1/19/2022 2:53:18 PM	1/20/2022 9:28:12 AM
8	D:\Org\Data\VOA5975C\VG011922\19JAN15.D	1/19/2022 3:47:49 PM	1/20/2022 9:28:12 AM

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I Fluorobenzene	---------- ISTD ----------										
T Dichlorodifluoromethane	Avg RF		0.3158	0.3390	0.3211	0.3472	0.3484	0.3373	0.3443	0.3362	3.821
T Chloromethane	Avg RF		0.3834	0.4130	0.3928	0.3983	0.3962	0.3942	0.3924	0.3958	2.254
T Vinyl chloride	Avg RF		0.3542	0.3674	0.3437	0.3598	0.3733	0.3573	0.3660	0.3602	2.711
T Bromomethane	Quadratic		0.1347	0.1483	0.1423	0.1393	0.1758	0.1756	0.1773	0.1562	12.289
T Chloroethane	Avg RF		0.1637	0.1844	0.1647	0.1531	0.1953	0.1737	0.1580	0.1704	8.825
T Trichlorofluoromethane	Avg RF		0.4212	0.4390	0.4093	0.4530	0.4337	0.4239	0.4435	0.4320	3.437
T 1,1-Dichloroethene	Avg RF		0.2351	0.2526	0.2396	0.2473	0.2668	0.2563	0.2618	0.2514	4.580
T Methylene chloride	Avg RF		0.3914	0.3986	0.3608	0.3509	0.3551	0.3507	0.3506	0.3654	5.639
T trans-1,2-Dichloroethene	Avg RF		0.2603	0.2608	0.2402	0.2580	0.2673	0.2652	0.2658	0.2597	3.554
T Methyl tert-butyl ether (MTBE)	Avg RF		0.3168	0.3053	0.3077	0.3206	0.3385	0.3373	0.3458	0.3245	4.935
T 1,1-Dichloroethane	Avg RF		0.4607	0.4923	0.4681	0.4813	0.5055	0.4904	0.5035	0.4860	3.491
T 2,2-Dichloropropane	Avg RF		0.3539	0.3731	0.3513	0.3591	0.3793	0.3732	0.3737	0.3662	3.048
T cis-1,2-Dichloroethene	Avg RF		0.2459	0.2542	0.2424	0.2640	0.2780	0.2752	0.2807	0.2629	5.976
T Methyl ethyl ketone	Avg RF		0.0374	0.0353	0.0361	0.0361	0.0398	0.0401	0.0411	0.0380 #	6.174
T Bromochloromethane	Avg RF		0.1054	0.1097	0.1059	0.1076	0.1140	0.1096	0.1066	0.1084	2.751
T Chloroform	Avg RF	0.5950	0.4630	0.4662	0.4591	0.4593	0.4805	0.4779	0.4807	0.4852	9.335
T 1,1,1-Trichloroethane	Avg RF		0.4137	0.4404	0.4315	0.4434	0.4735	0.4594	0.4719	0.4477	4.892
S Dibromofluoromethane	Avg RF		0.2371	0.2423	0.2384	0.2360	0.2535	0.2426	0.2452	0.2421	2.473
T Carbon tetrachloride	Avg RF		0.3928	0.4272	0.4113	0.4306	0.4623	0.4502	0.4651	0.4342	6.165
T 1,1-Dichloropropene	Avg RF		0.3092	0.3377	0.3242	0.3659	0.4003	0.3961	0.4080	0.3630	10.993
S 1,2-Dichloroethane-d4	Avg RF		0.1045	0.1053	0.1018	0.1060	0.1062	0.1038	0.1044	0.1046	1.436
T Benzene	Avg RF	1.0522	0.9365	0.9366	0.9271	0.9943	1.0522	1.0453	1.0455	0.9987	5.735
T 1,2-Dichloroethane	Avg RF	0.3200	0.2770	0.2661	0.2700	0.2552	0.2708	0.2747	0.2730	0.2758	6.912
I Chlorobenzene-d5	---------- ISTD ----------										
T Trichloroethene	Avg RF		0.6980	0.7284	0.6933	0.7293	0.7973	0.7989	0.7938	0.7484	6.301
T 1,2-Dichloropropane	Avg RF		0.6056	0.6332	0.6073	0.6473	0.7055	0.7047	0.7028	0.6580	6.934
T Dibromomethane	Avg RF		0.2606	0.2833	0.2650	0.2703	0.2924	0.2872	0.2829	0.2774	4.345
T Bromodichloromethane	Avg RF		0.7666	0.7763	0.7280	0.7564	0.8115	0.8159	0.8051	0.7799	4.176

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
T cis-1,3-Dichloropropene	Avg RF		0.7951	0.7775	0.7423	0.8449	0.9336	0.9428	0.9548	0.8559	10.258
S Toluene-d8	Avg RF		2.1644	2.2444	2.2362	2.4983	2.6564	2.6558	2.6175	2.4390	8.920
T Toluene	Avg RF	1.7233	1.3961	1.5086	1.4522	1.6313	1.7615	1.7781	1.7547	1.6257	9.427
T trans-1,3-Dichloropropene	Avg RF		0.5581	0.5797	0.5646	0.6224	0.6714	0.6895	0.6842	0.6243	9.247
T 1,1,2-Trichloroethane	Avg RF		0.3036	0.3046	0.3016	0.3194	0.3310	0.3344	0.3274	0.3174	4.423
T Tetrachloroethene	Avg RF	0.6920	0.5715	0.6589	0.6076	0.6608	0.6949	0.6916	0.6967	0.6592	7.062
T 1,3-Dichloropropane	Avg RF		0.6367	0.6293	0.5981	0.6136	0.6692	0.6785	0.6713	0.6424	4.860
T Chlorodibromomethane	Avg RF		0.5090	0.4929	0.4704	0.5034	0.5346	0.5374	0.5310	0.5112	4.854
T 1,2-Dibromoethane	Avg RF		0.3147	0.3554	0.3241	0.3540	0.3729	0.3694	0.3637	0.3506	6.435
T Chlorobenzene	Avg RF		1.7014	1.7326	1.6656	1.7511	1.8757	1.8882	1.8609	1.7822	5.108
T 1,1,1,2-Tetrachloroethane	Avg RF		0.6022	0.6078	0.5863	0.6143	0.6581	0.6588	0.6497	0.6253	4.745
T Ethylbenzene	Quadratic	2.7912	2.7400	2.8524	2.6947	3.0570	3.3515	3.3913	3.3743	3.0316	9.960
T m+p-Xylenes	Quadratic	1.0654	0.9914	1.1166	1.0726	1.2277	1.3311	1.3326	1.3177	1.1819	11.601
T o-Xylene	Quadratic	0.8929	0.8745	0.9498	0.9222	1.0840	1.1632	1.1958	1.1785	1.0326	13.257
T Styrene	Quadratic	1.5274	1.3944	1.5663	1.5337	1.7716	1.9393	1.9439	1.9104	1.6984	12.879
I 1,4-Dichlorobenzene-d4				---------- ISTD ----------							
T Bromoform	Avg RF		0.3494	0.3448	0.3097	0.3241	0.3428	0.3344	0.3397	0.3350	4.125
S p-Bromofluorobenzene	Avg RF		0.8469	0.8953	0.8578	0.9232	0.9915	0.9662	0.9806	0.9231	6.358
T Bromobenzene	Avg RF		0.7767	0.7872	0.7537	0.8110	0.8707	0.8406	0.8582	0.8140	5.409
T 1,1,2,2-Tetrachloroethane	Avg RF		0.4570	0.4692	0.4657	0.4506	0.4769	0.4629	0.4678	0.4643	1.845
T 1,2,3-Trichloropropane	Avg RF		0.1208	0.1251	0.1169	0.1177	0.1290	0.1225	0.1219	0.1220	3.434
T 2-Chlorotoluene	Avg RF		0.7170	0.7929	0.7062	0.8211	0.8849	0.8498	0.8676	0.8056	8.811
T 4-Chlorotoluene	Avg RF		2.1314	2.4802	2.3873	2.7044	2.9080	2.8089	2.8455	2.6094	10.931
T 1,3-Dichlorobenzene	Avg RF	1.5377	1.3583	1.4598	1.3923	1.4417	1.5588	1.5165	1.5335	1.4748	4.990
T 1,4-Dichlorobenzene	Avg RF	1.6358	1.4074	1.4998	1.3723	1.4811	1.5650	1.5263	1.5408	1.5036	5.631
T 1,2-Dichlorobenzene	Avg RF	1.2617	1.1387	1.2360	1.1258	1.2210	1.3074	1.2694	1.2905	1.2313	5.447

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

Compounds with Curve fitting not using Avg Response Factor:

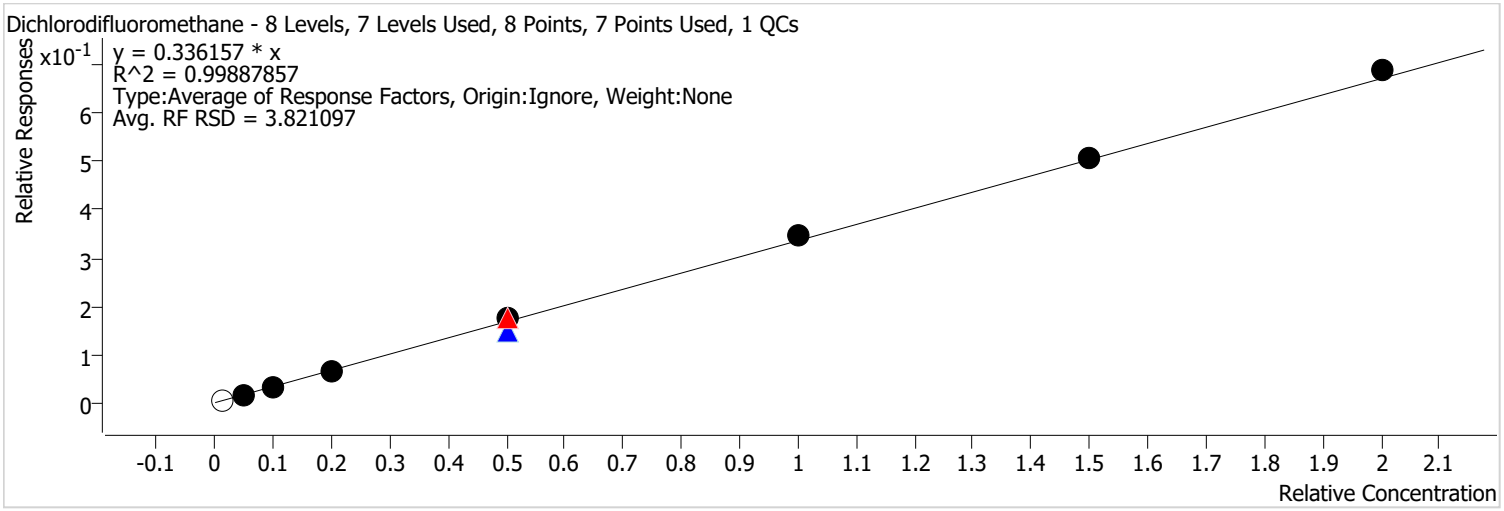
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
T Bromomethane	Quadratic	y = 0.015061 * x ^ 2 + 0.150956 * x - 0.001123	0.997553
T Ethylbenzene	Quadratic	y = 0.212781 * x ^ 2 + 3.013988 * x - 0.007186	0.998933
T m+p-Xylenes	Quadratic	y = 0.032978 * x ^ 2 + 1.213111 * x - 0.008669	0.998704
T o-Xylene	Quadratic	y = 0.077136 * x ^ 2 + 1.051862 * x - 0.004078	0.998666
T Styrene	Quadratic	y = 0.102118 * x ^ 2 + 1.752890 * x - 0.007067	0.998333

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

Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:39 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dichlorodifluoromethane %RSE = 3.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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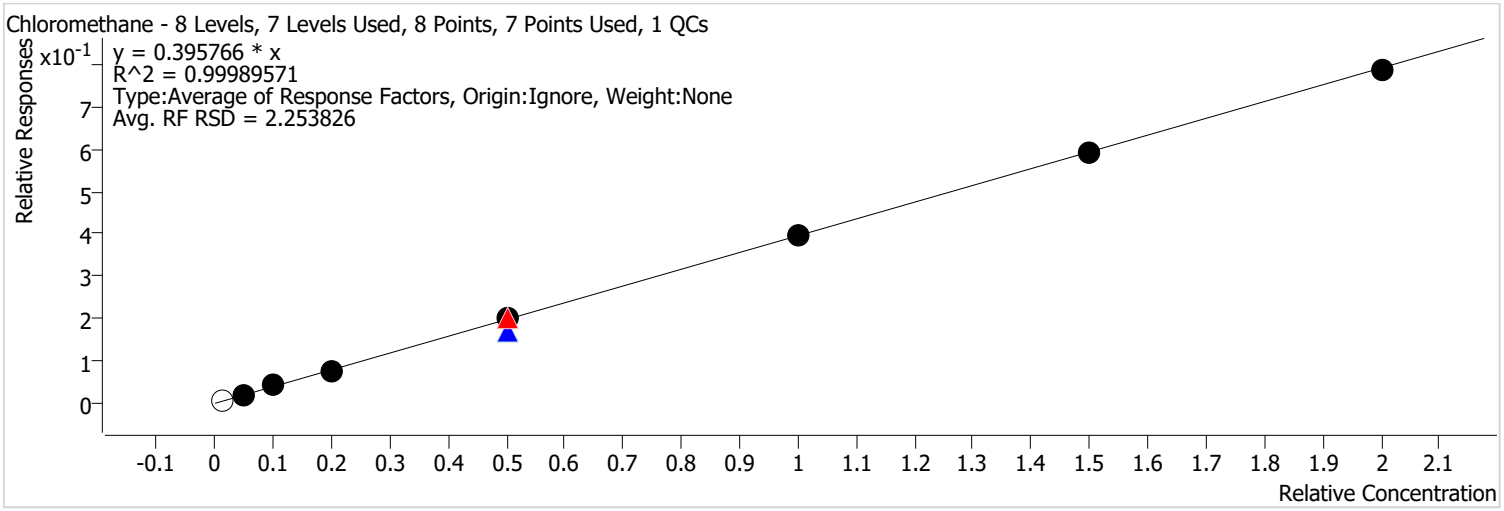
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	12682	12.5000	0.3158	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	27745	25.0000	0.3390	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	51785	50.0000	0.3211	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	148367	125.0000	0.3472	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	130579	125.0000	0.2944	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	148367	125.0000	0.3472	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	304740	250.0000	0.3484	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	452793	375.0000	0.3373	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	629961	500.0000	0.3443	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloromethane %RSE = 2.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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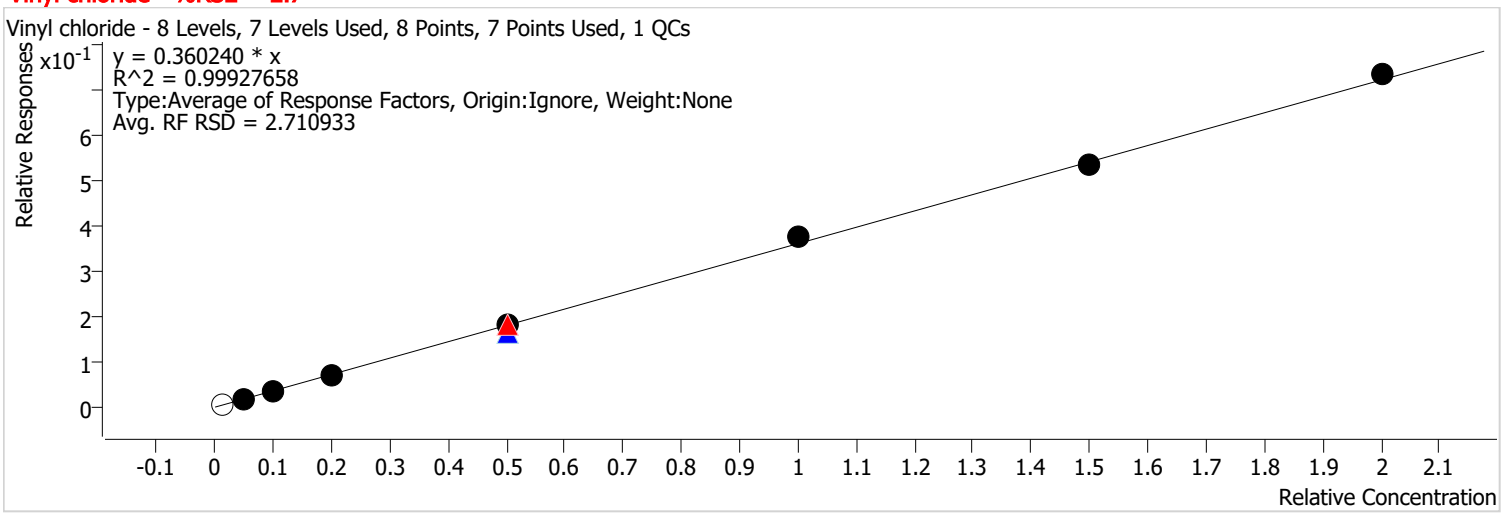
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	15397	12.5000	0.3834	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	33801	25.0000	0.4130	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	63351	50.0000	0.3928	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	170190	125.0000	0.3983	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	151864	125.0000	0.3424	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	170190	125.0000	0.3983	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	346531	250.0000	0.3962	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	529250	375.0000	0.3942	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	718053	500.0000	0.3924	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Vinyl chloride %RSE = 2.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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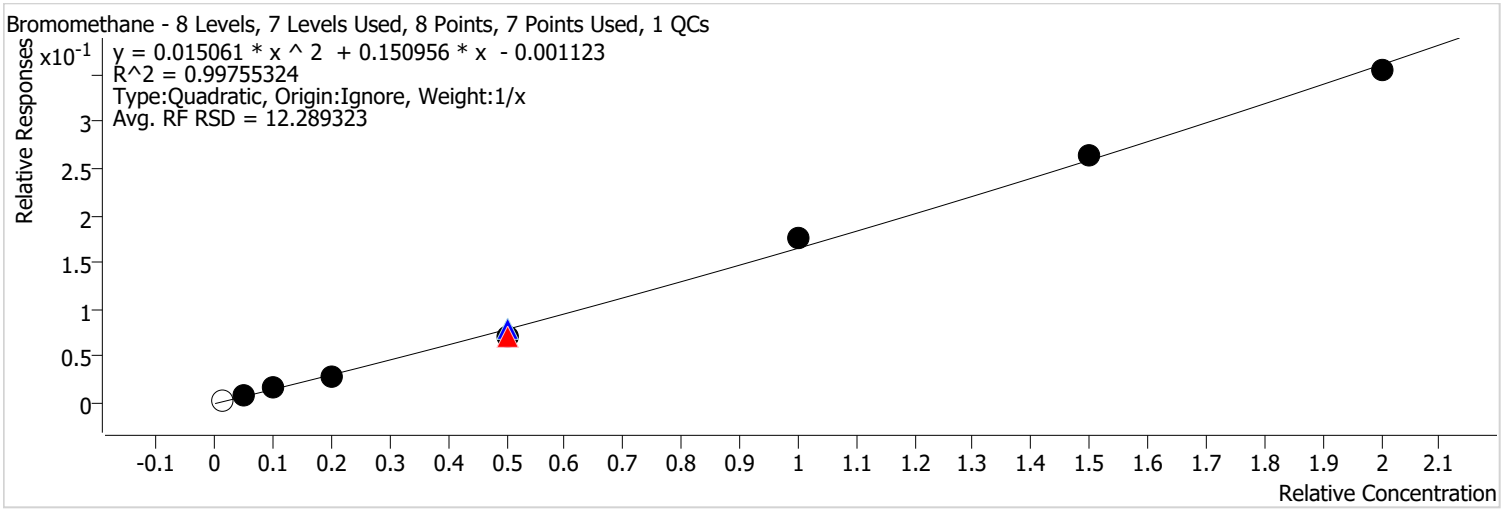
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	14225	12.5000	0.3542	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	30072	25.0000	0.3674	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	55437	50.0000	0.3437	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	153733	125.0000	0.3598	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	147423	125.0000	0.3324	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	153733	125.0000	0.3598	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	326478	250.0000	0.3733	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	479607	375.0000	0.3573	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	669671	500.0000	0.3660	

Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromomethane %RSE = 7.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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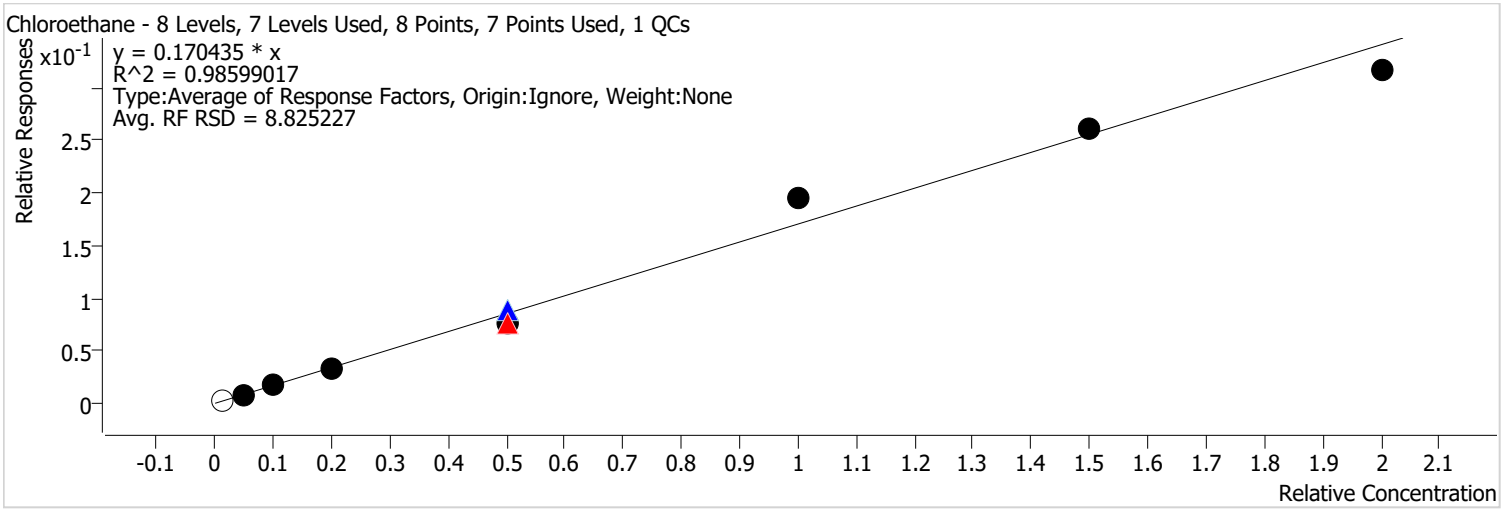
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	12135	25.0000	0.1483	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	22944	50.0000	0.1423	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	59520	125.0000	0.1393	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	69568	125.0000	0.1569	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	59520	125.0000	0.1393	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	153759	250.0000	0.1758	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	235754	375.0000	0.1756	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	324434	500.0000	0.1773	

Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloroethane %RSE = 8.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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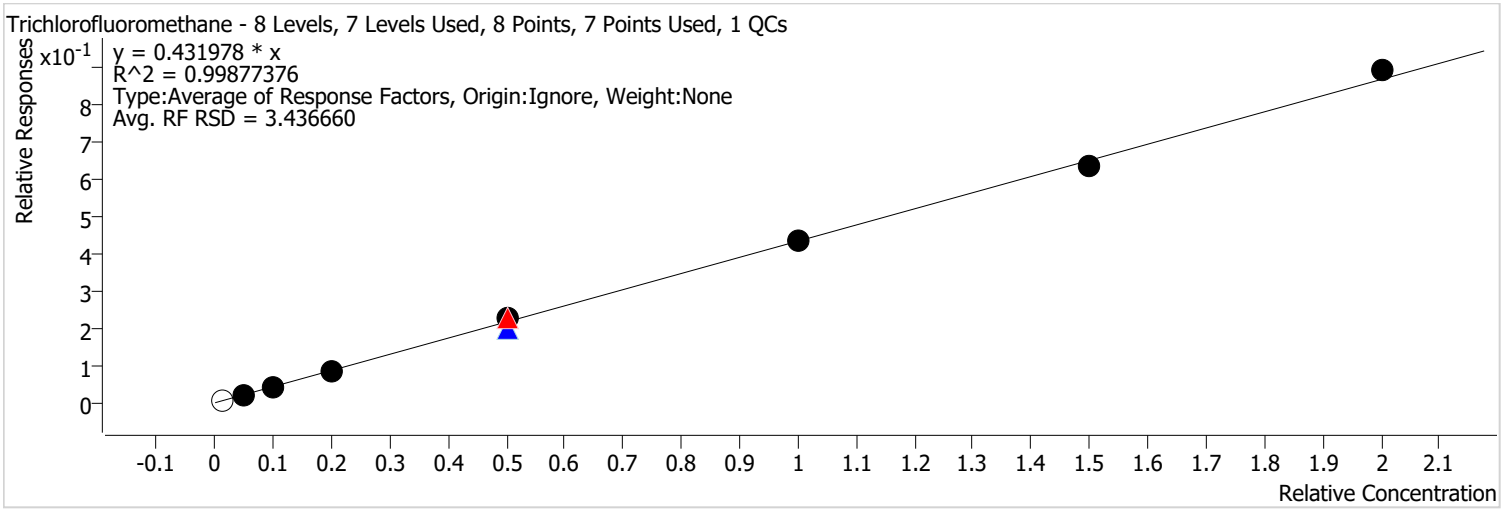
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	15096	25.0000	0.1844	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	26569	50.0000	0.1647	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	65407	125.0000	0.1531	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	77755	125.0000	0.1753	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	65407	125.0000	0.1531	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	170795	250.0000	0.1953	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	233233	375.0000	0.1737	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	289150	500.0000	0.1580	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Trichlorofluoromethane %RSE = 3.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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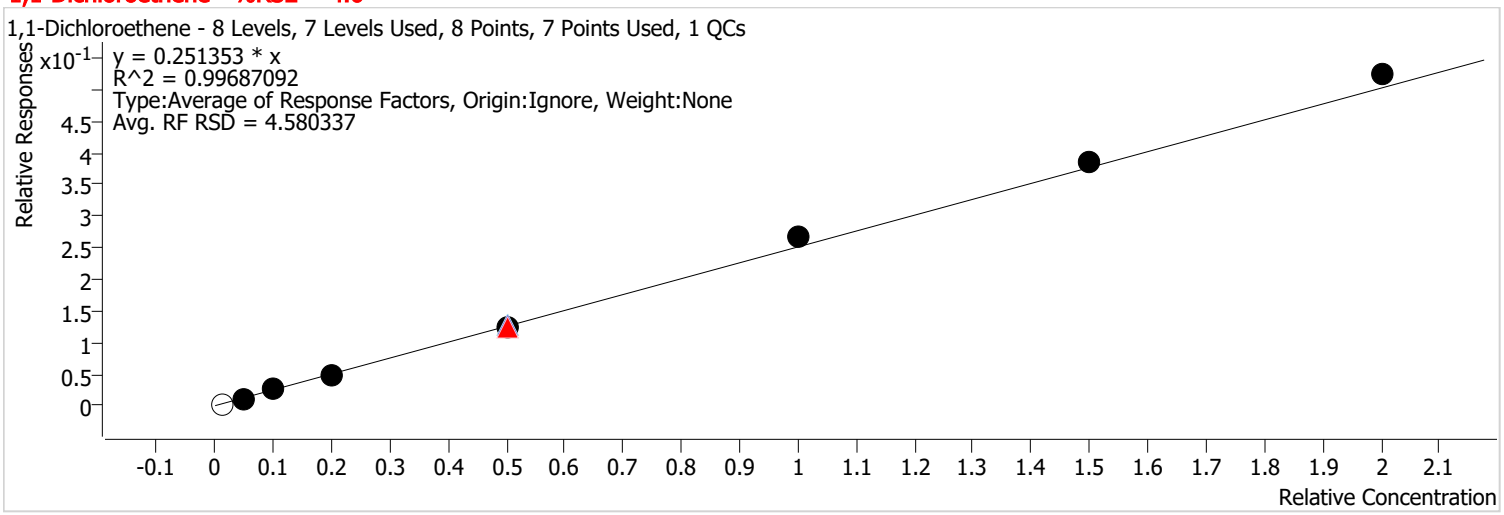
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	35936	25.0000	0.4390	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	66016	50.0000	0.4093	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	193579	125.0000	0.4530	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	172504	125.0000	0.3890	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	193579	125.0000	0.4530	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	379318	250.0000	0.4337	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	569126	375.0000	0.4239	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	811600	500.0000	0.4435	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1-Dichloroethene %RSE = 4.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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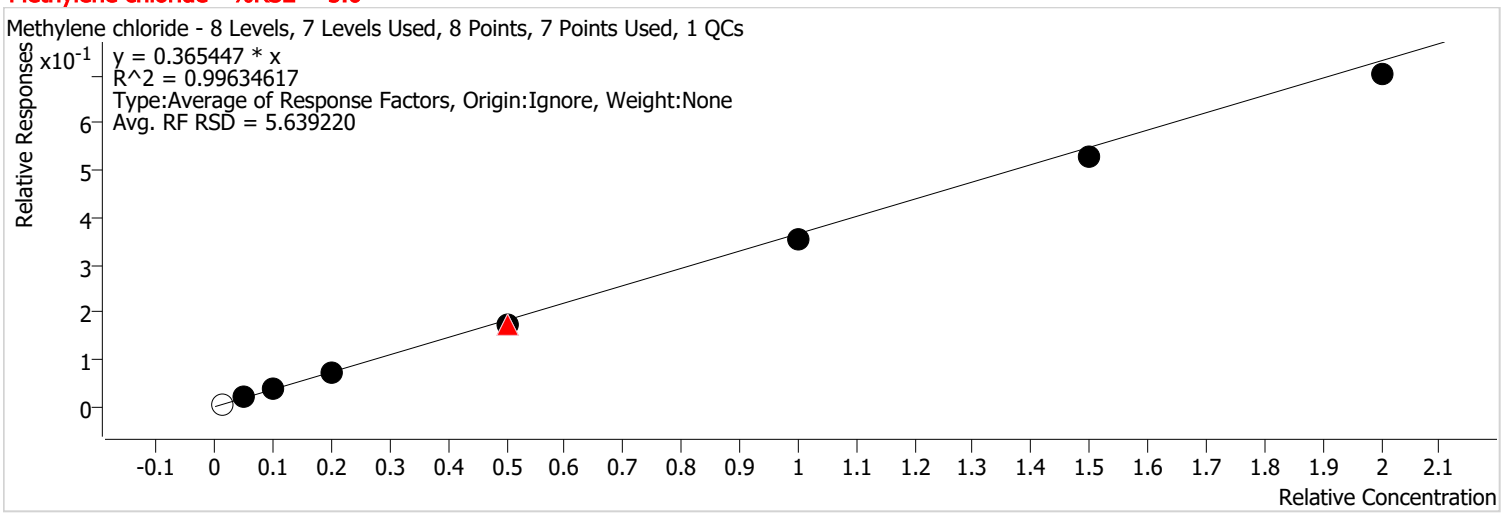
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20674	25.0000	0.2526	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38644	50.0000	0.2396	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	105649	125.0000	0.2473	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	113673	125.0000	0.2563	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	105649	125.0000	0.2473	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	233356	250.0000	0.2668	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	344045	375.0000	0.2563	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	479145	500.0000	0.2618	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

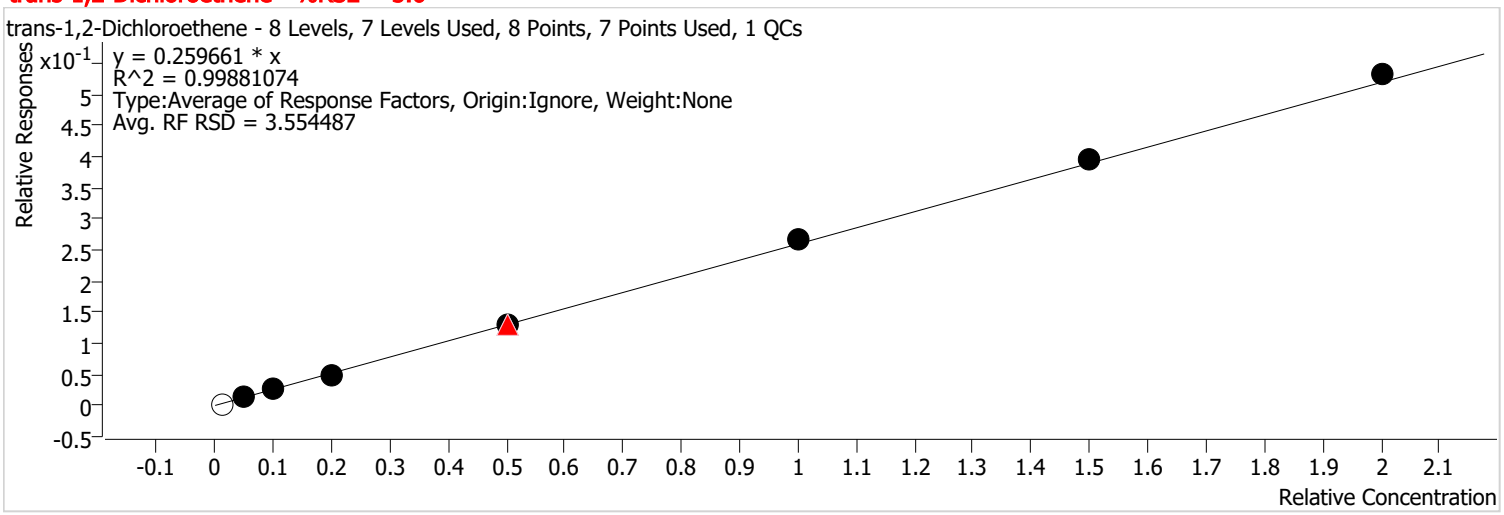
Methylene chloride %RSE = 5.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		4701	2.5000	0.5919	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	15719	12.5000	0.3914	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	32623	25.0000	0.3986	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	58184	50.0000	0.3608	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	149957	125.0000	0.3509	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	152883	125.0000	0.3447	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	149957	125.0000	0.3509	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	310597	250.0000	0.3551	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	470733	375.0000	0.3507	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	641583	500.0000	0.3506	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

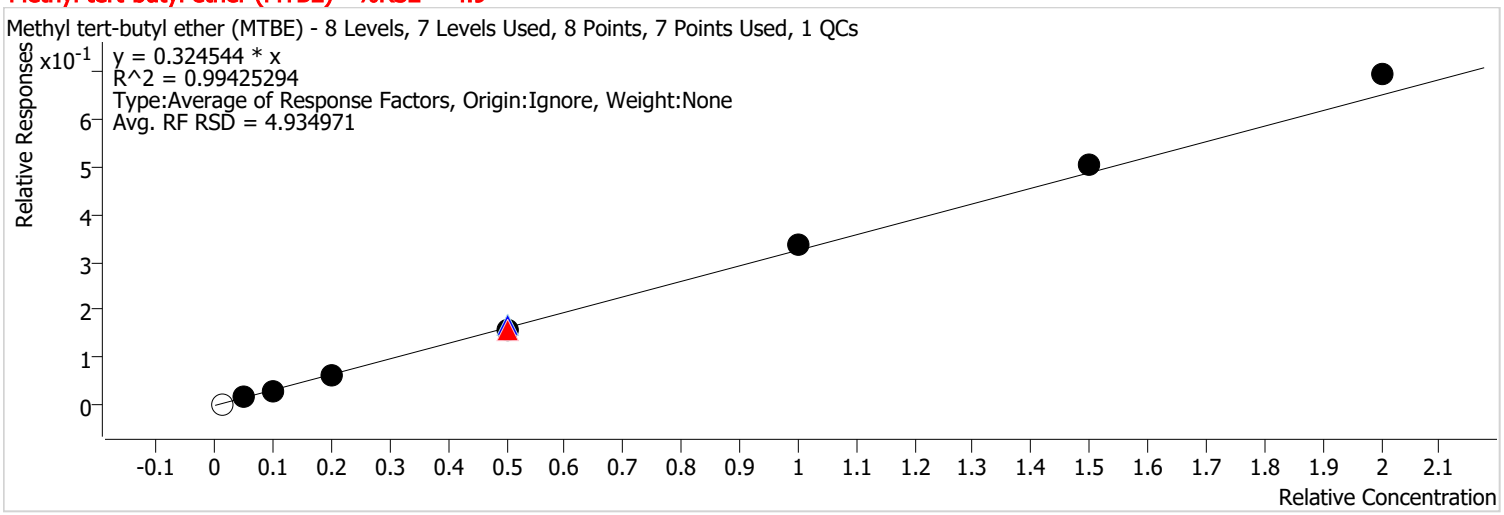
trans-1,2-Dichloroethene %RSE = 3.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		2132	2.5000	0.2684	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	10455	12.5000	0.2603	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	21348	25.0000	0.2608	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38732	50.0000	0.2402	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	110255	125.0000	0.2580	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	115302	125.0000	0.2600	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	110255	125.0000	0.2580	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	233769	250.0000	0.2673	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	355984	375.0000	0.2652	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	486383	500.0000	0.2658	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

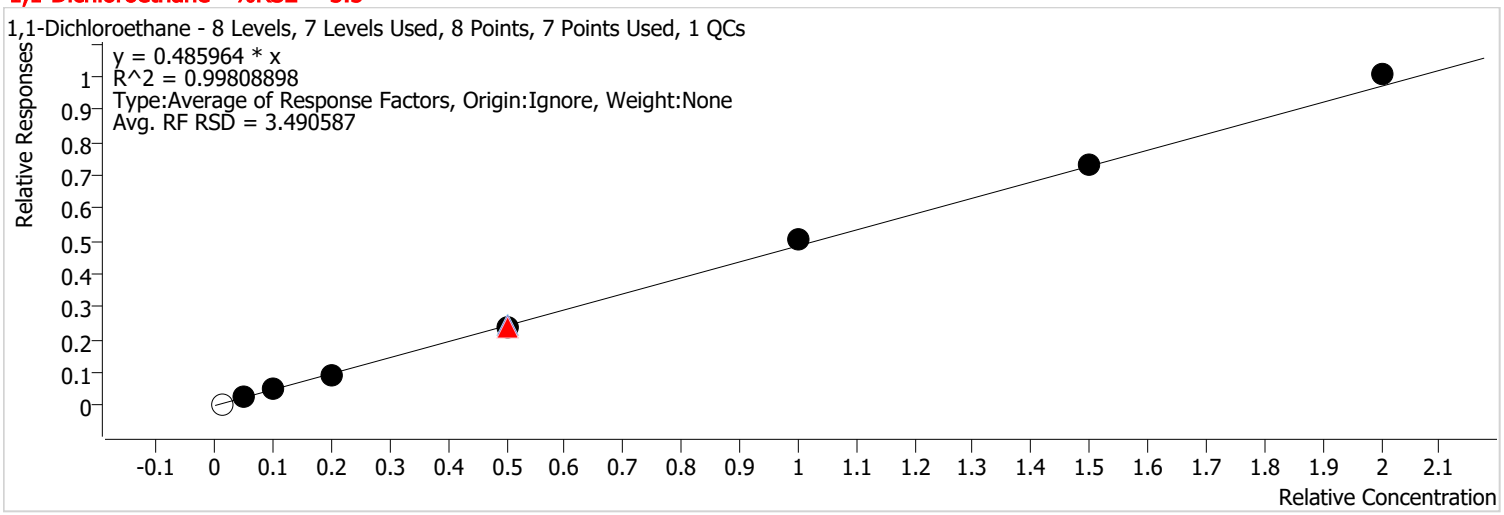
Methyl tert-butyl ether (MTBE) %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		2662	2.5000	0.3352	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	12721	12.5000	0.3168	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	24989	25.0000	0.3053	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	49617	50.0000	0.3077	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	136973	125.0000	0.3206	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	150210	125.0000	0.3387	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	136973	125.0000	0.3206	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	296029	250.0000	0.3385	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	452747	375.0000	0.3373	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	632731	500.0000	0.3458	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**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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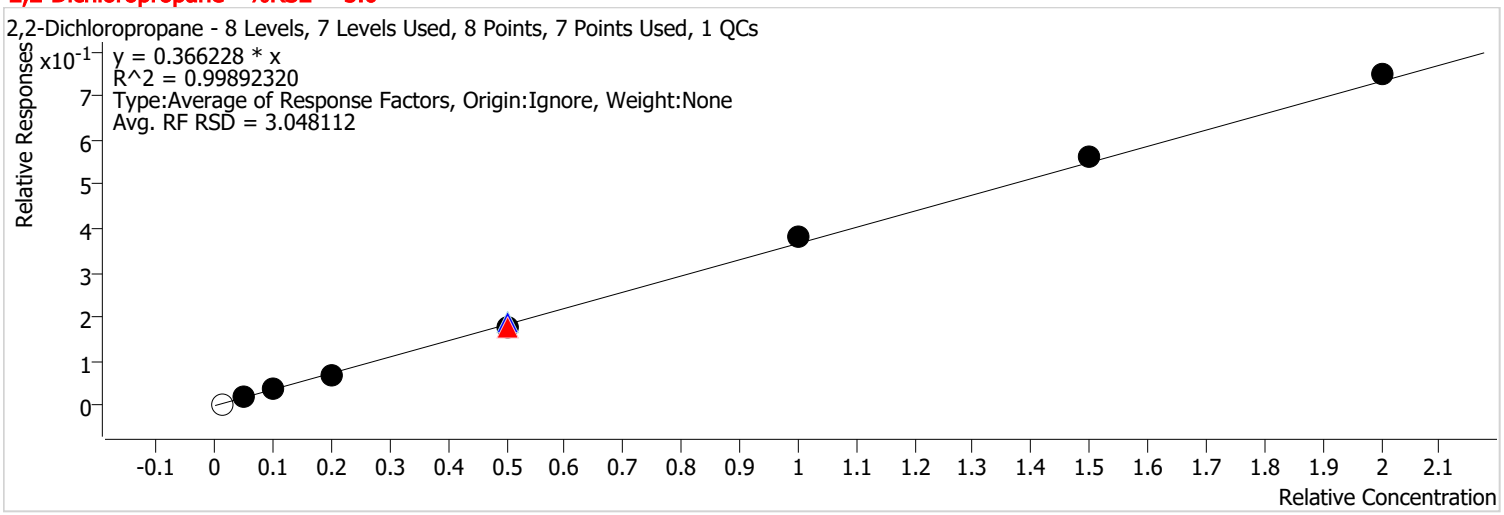
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	18500	12.5000	0.4607	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	40298	25.0000	0.4923	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	75497	50.0000	0.4681	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	205663	125.0000	0.4813	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	218409	125.0000	0.4925	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	205663	125.0000	0.4813	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	442070	250.0000	0.5055	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	658287	375.0000	0.4904	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	921258	500.0000	0.5035	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:43 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

2,2-Dichloropropane %RSE = 3.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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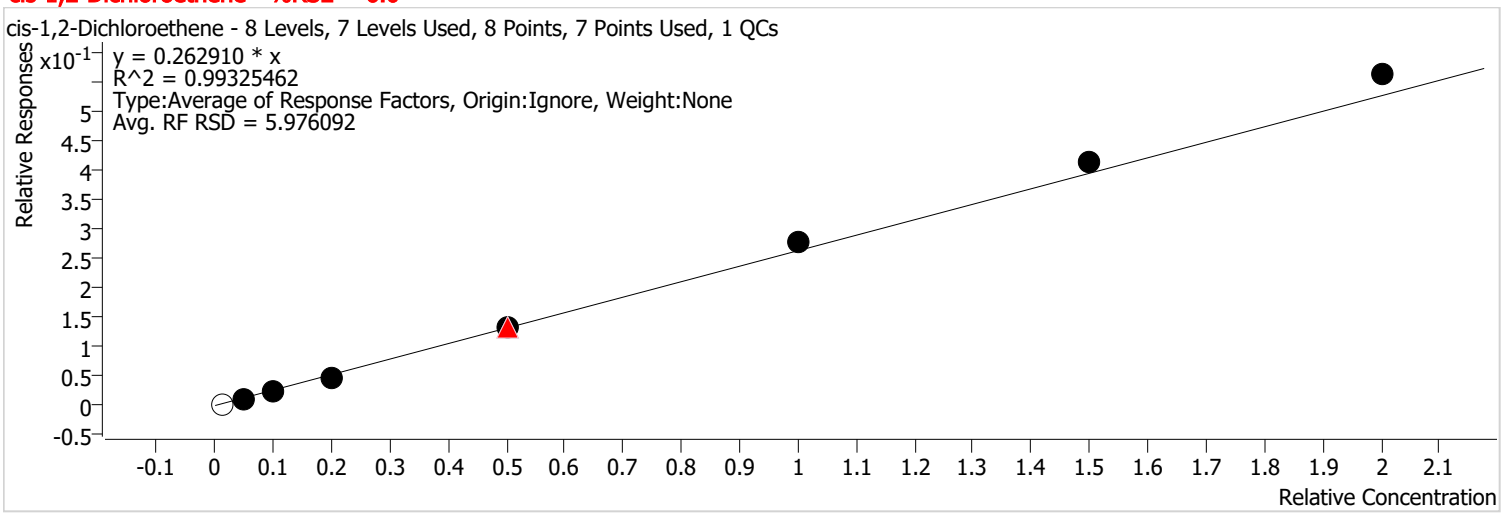
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	14213	12.5000	0.3539	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	30539	25.0000	0.3731	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	56651	50.0000	0.3513	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	153450	125.0000	0.3591	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	169689	125.0000	0.3826	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	153450	125.0000	0.3591	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	331689	250.0000	0.3793	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	501019	375.0000	0.3732	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	683822	500.0000	0.3737	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

cis-1,2-Dichloroethene %RSE = 6.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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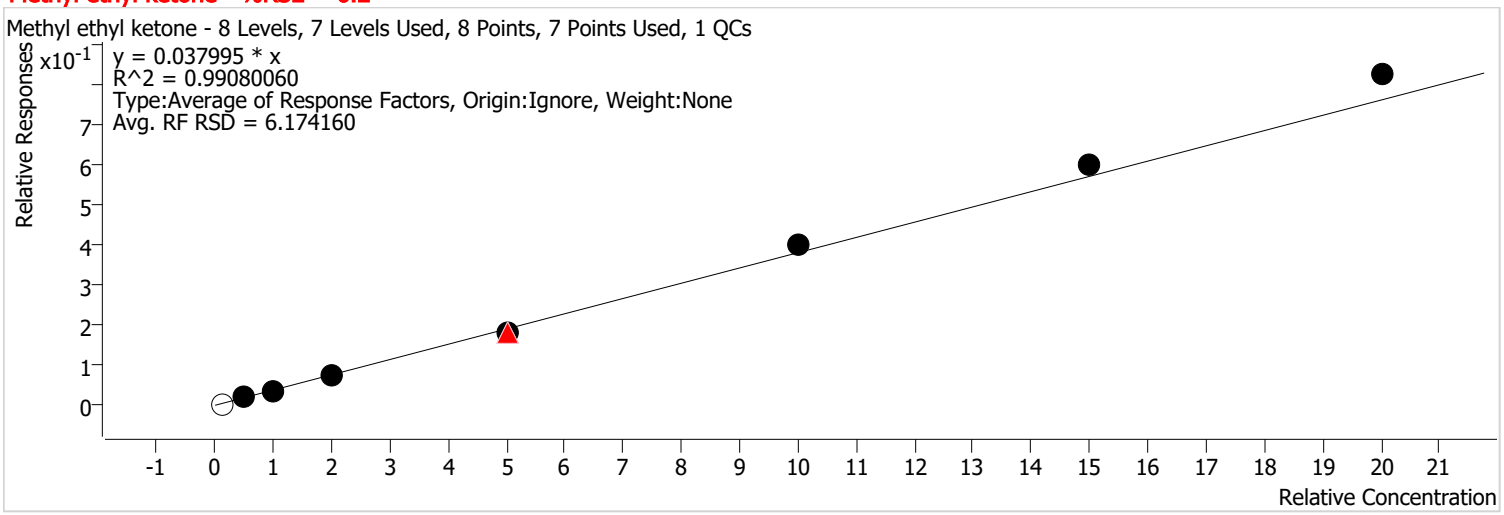
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9874	12.5000	0.2459	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20810	25.0000	0.2542	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	39093	50.0000	0.2424	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	112808	125.0000	0.2640	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	118223	125.0000	0.2666	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	112808	125.0000	0.2640	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	243087	250.0000	0.2780	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	369412	375.0000	0.2752	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	513671	500.0000	0.2807	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

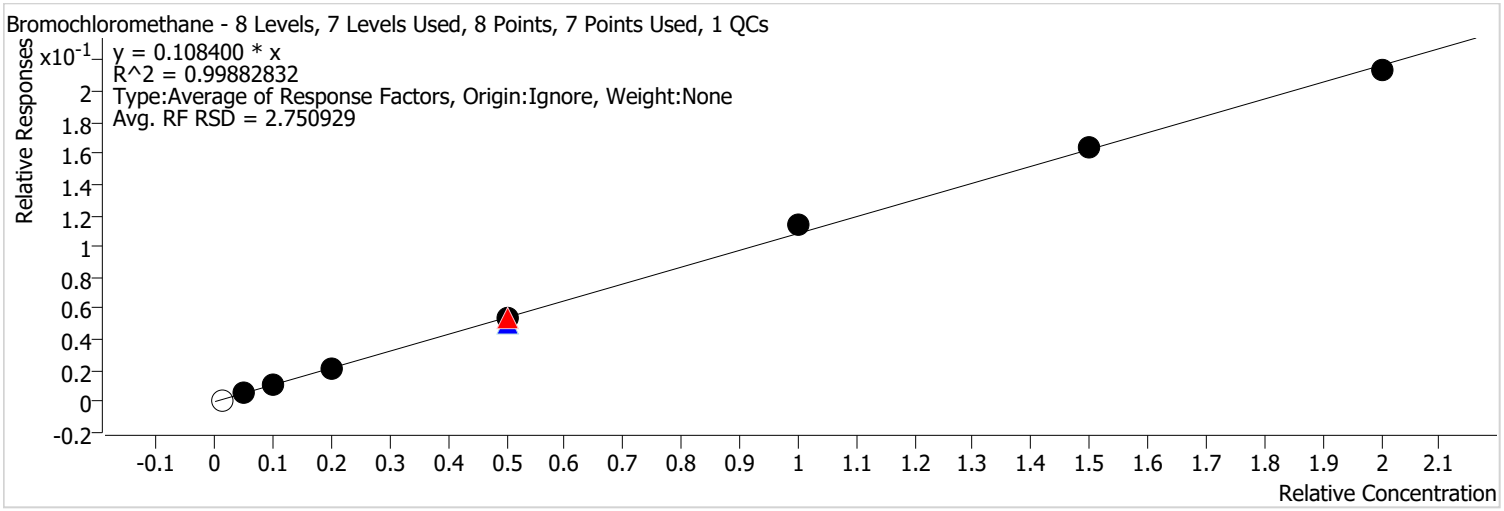
Methyl ethyl ketone %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		2962	25.0000	0.0373	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	15038	125.0000	0.0374	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	28861	250.0000	0.0353	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	58185	500.0000	0.0361	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	154105	1250.0000	0.0361	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	160409	1250.0000	0.0362	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	154105	1250.0000	0.0361	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	348492	2500.0000	0.0398	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	538796	3750.0000	0.0401	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	752615	5000.0000	0.0411	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromochloromethane %RSE = 2.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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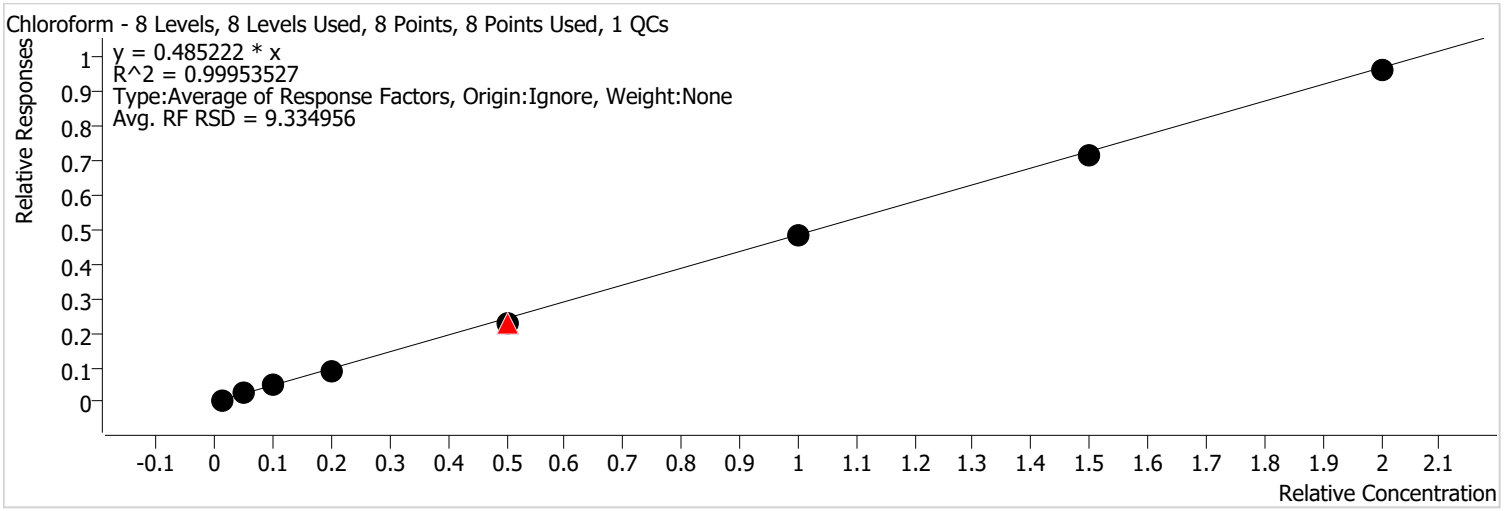
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4232	12.5000	0.1054	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	8977	25.0000	0.1097	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	17084	50.0000	0.1059	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	45958	125.0000	0.1076	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	45441	125.0000	0.1025	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	45958	125.0000	0.1076	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	99685	250.0000	0.1140	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	147182	375.0000	0.1096	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	195140	500.0000	0.1066	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloroform %RSE = 9.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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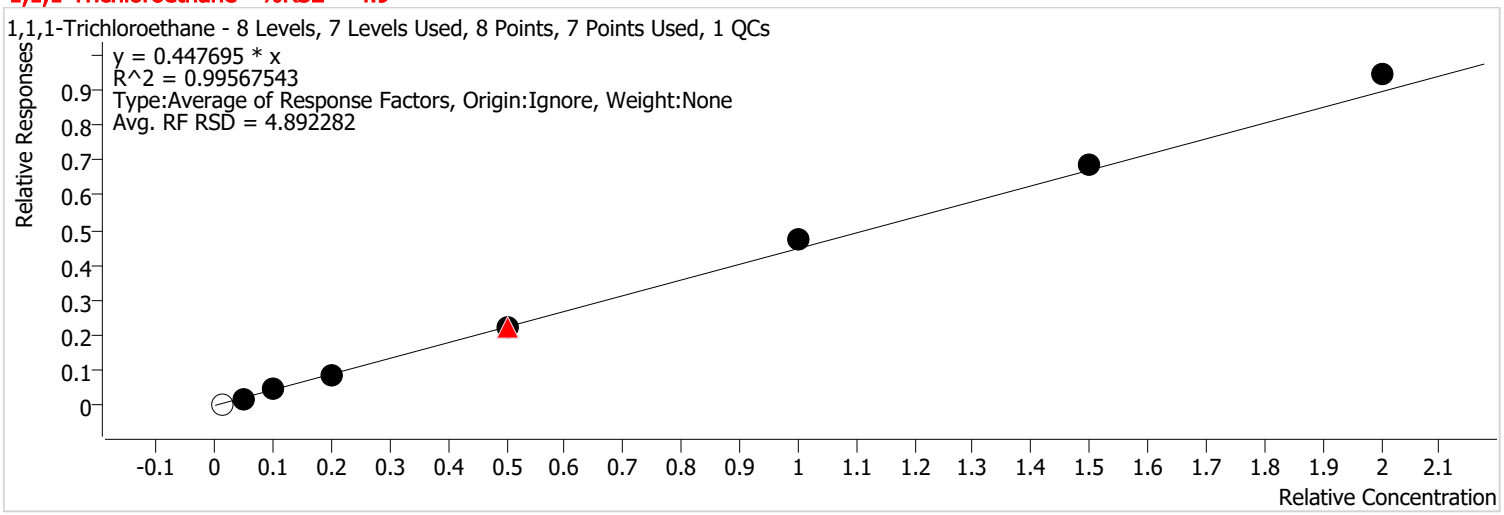
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	18593	12.5000	0.4630	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	38158	25.0000	0.4662	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	74048	50.0000	0.4591	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	196261	125.0000	0.4593	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	199758	125.0000	0.4504	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	196261	125.0000	0.4593	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	420250	250.0000	0.4805	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	641596	375.0000	0.4779	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	879544	500.0000	0.4807	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1,1-Trichloroethane %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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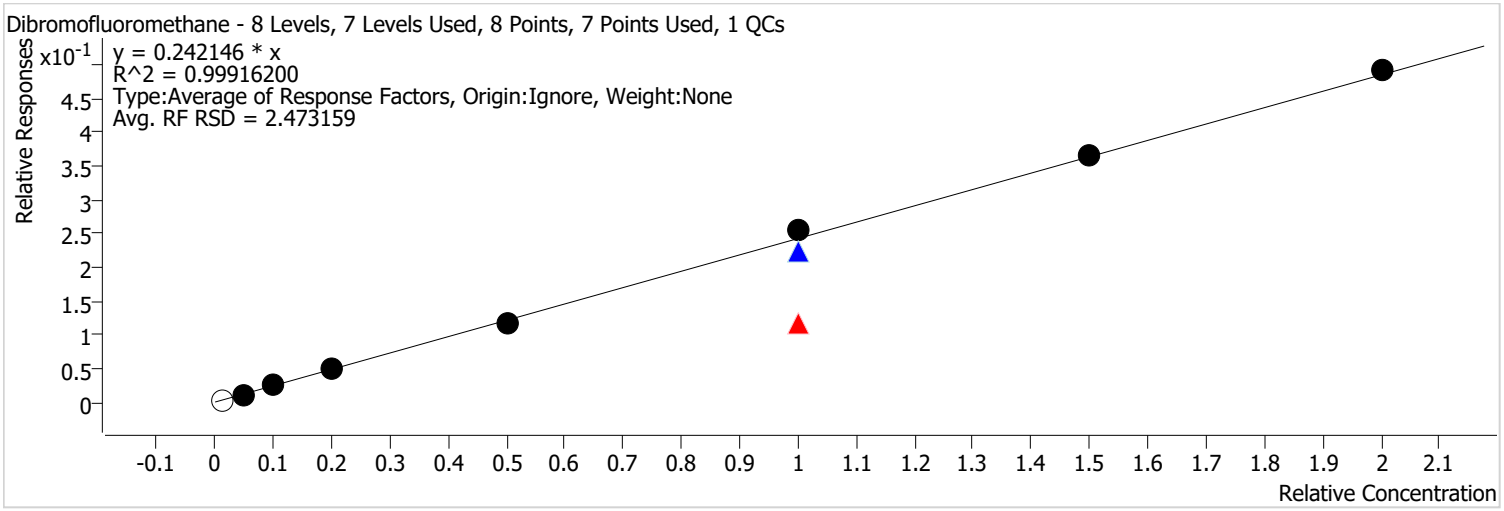
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	16614	12.5000	0.4137	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	36046	25.0000	0.4404	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	69594	50.0000	0.4315	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	189468	125.0000	0.4434	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	195526	125.0000	0.4409	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	189468	125.0000	0.4434	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	414139	250.0000	0.4735	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	616756	375.0000	0.4594	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	863441	500.0000	0.4719	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**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
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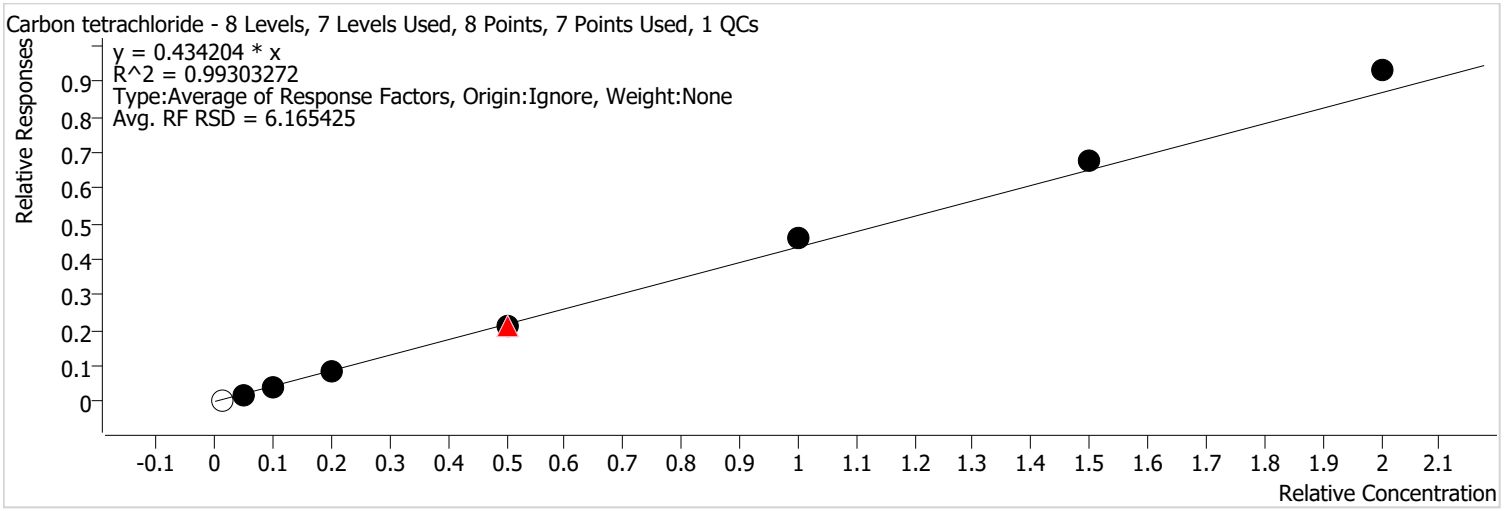
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9521	12.5000	0.2371	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	19834	25.0000	0.2423	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38453	50.0000	0.2384	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	100821	125.0000	0.2360	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	100821	250.0000	0.1180	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	198103	250.0000	0.2234	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	221667	250.0000	0.2535	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	325687	375.0000	0.2426	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	448615	500.0000	0.2452	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

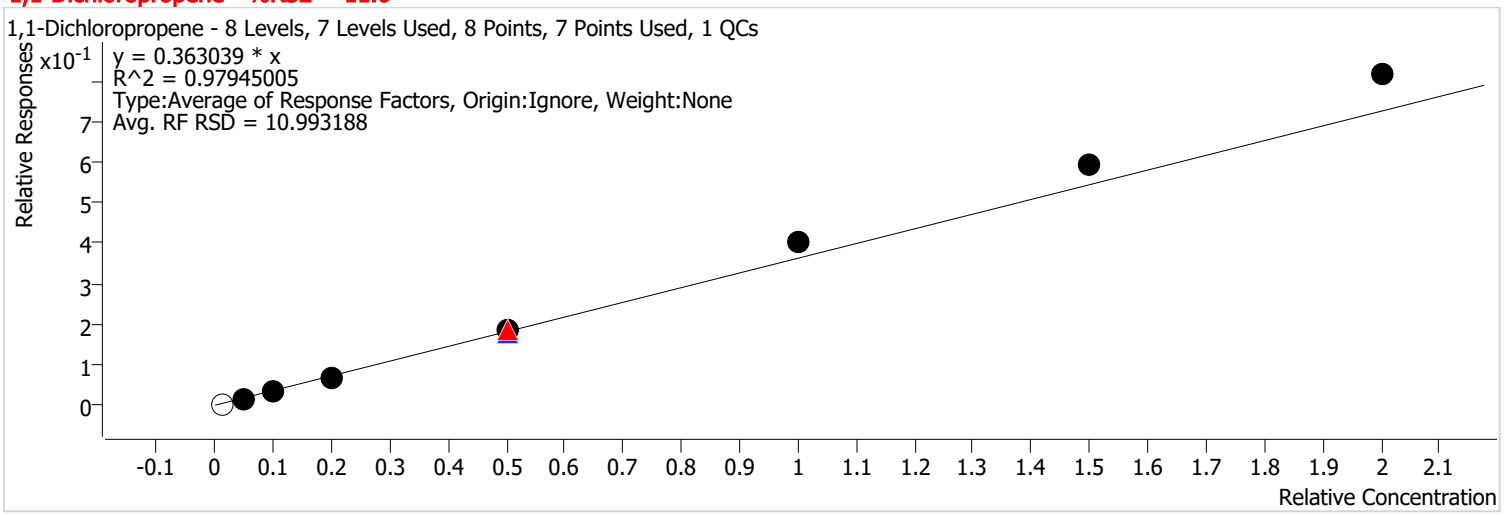
Carbon tetrachloride %RSE = 6.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		3586	2.5000	0.4514	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	15775	12.5000	0.3928	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	34965	25.0000	0.4272	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	66332	50.0000	0.4113	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	183978	125.0000	0.4306	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	187895	125.0000	0.4237	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	183978	125.0000	0.4306	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	404308	250.0000	0.4623	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	604305	375.0000	0.4502	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	851101	500.0000	0.4651	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1-Dichloropropene %RSE = 11.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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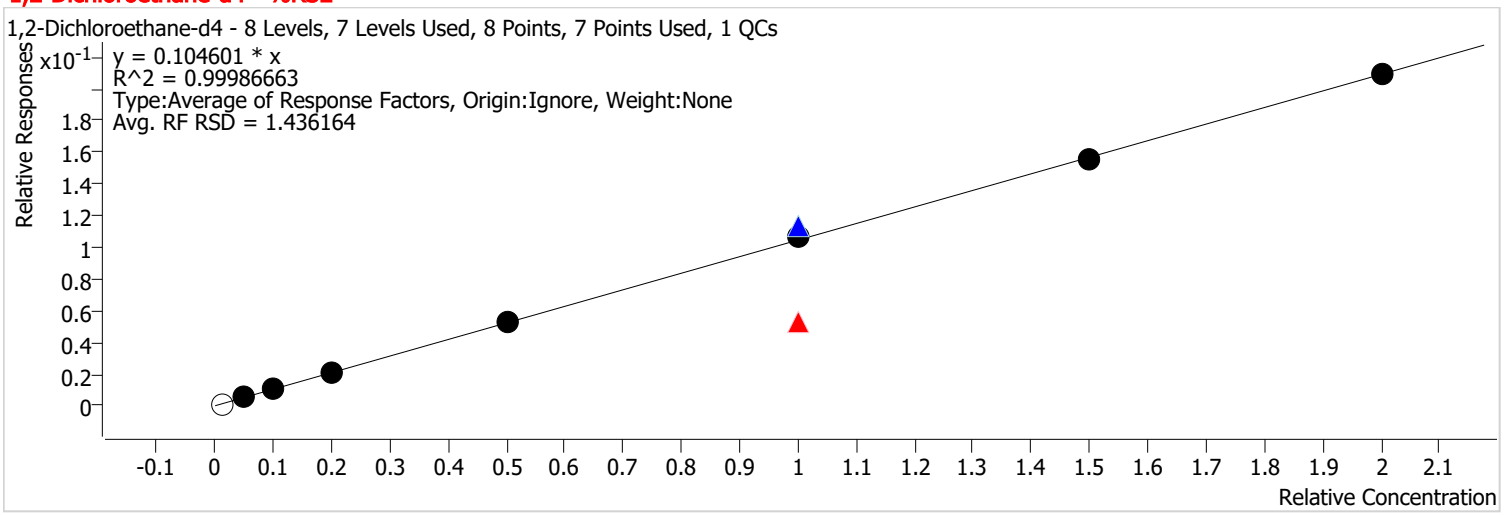
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	12417	12.5000	0.3092	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	27641	25.0000	0.3377	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	52282	50.0000	0.3242	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	156331	125.0000	0.3659	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	158033	125.0000	0.3564	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	156331	125.0000	0.3659	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	350070	250.0000	0.4003	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	531739	375.0000	0.3961	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	746500	500.0000	0.4080	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

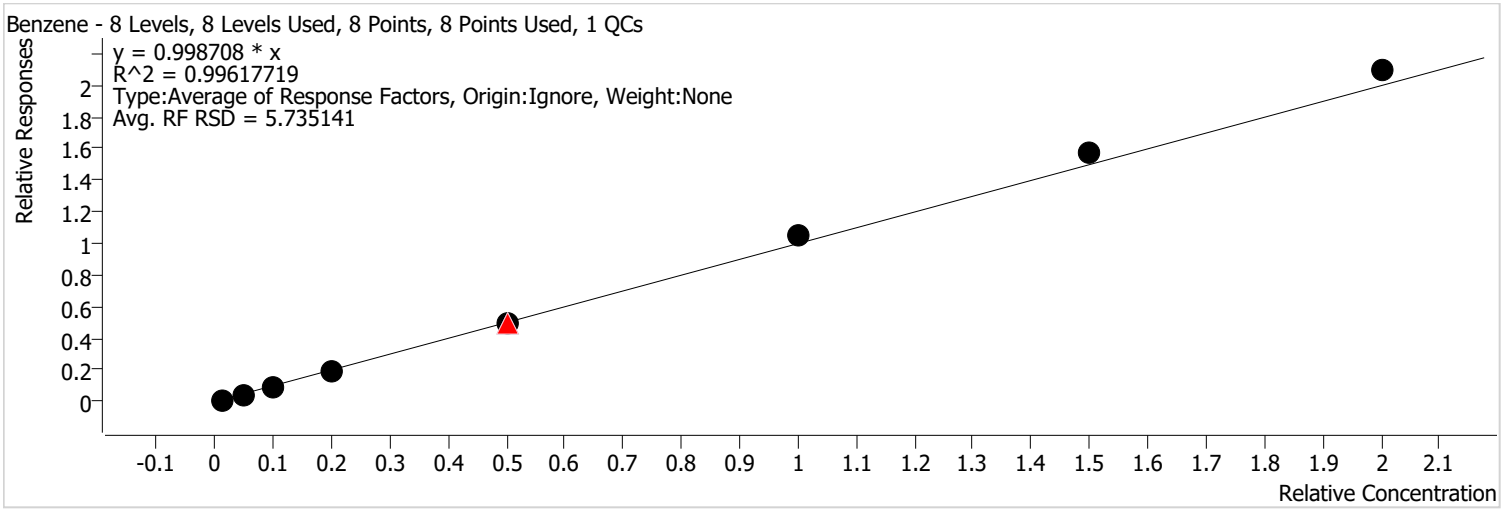
1,2-Dichloroethane-d4 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		979	2.5000	0.1232	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4197	12.5000	0.1045	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	8619	25.0000	0.1053	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	16425	50.0000	0.1018	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	45314	125.0000	0.1060	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	45314	250.0000	0.0530	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	100187	250.0000	0.1130	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	92919	250.0000	0.1062	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	139362	375.0000	0.1038	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	191123	500.0000	0.1044	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Benzene %RSE = 5.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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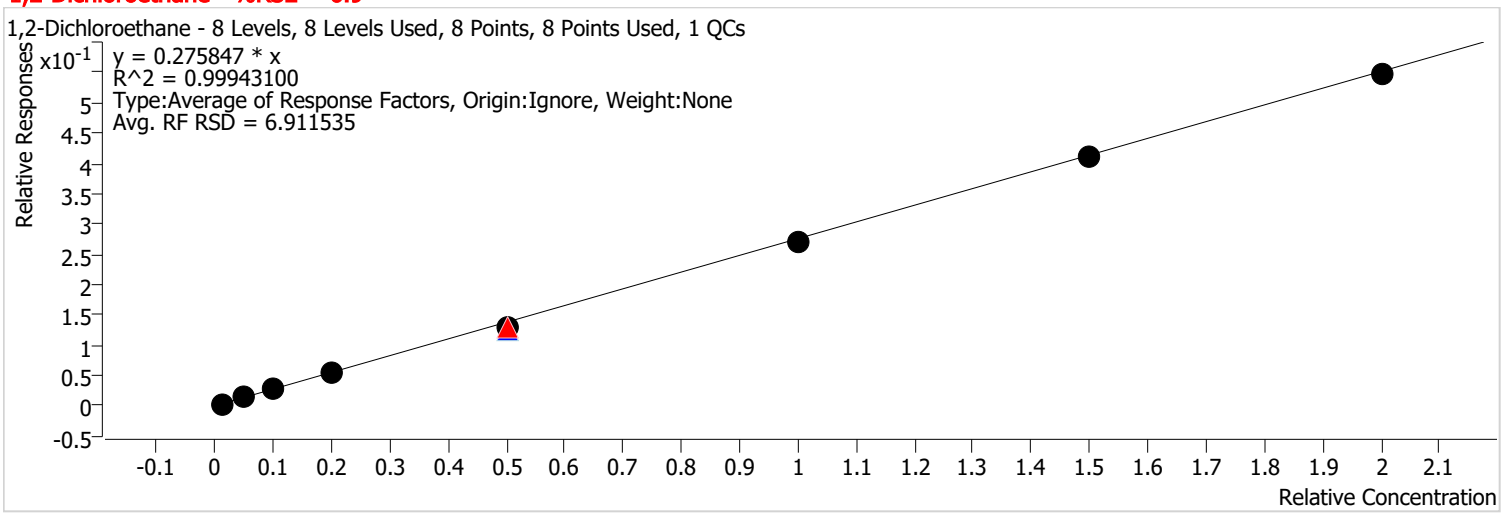
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	37609	12.5000	0.9365	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	76658	25.0000	0.9366	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	149512	50.0000	0.9271	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	424881	125.0000	0.9943	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	442173	125.0000	0.9971	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	424881	125.0000	0.9943	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	920174	250.0000	1.0522	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	1403257	375.0000	1.0453	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	1913180	500.0000	1.0455	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloroethane %RSE = 6.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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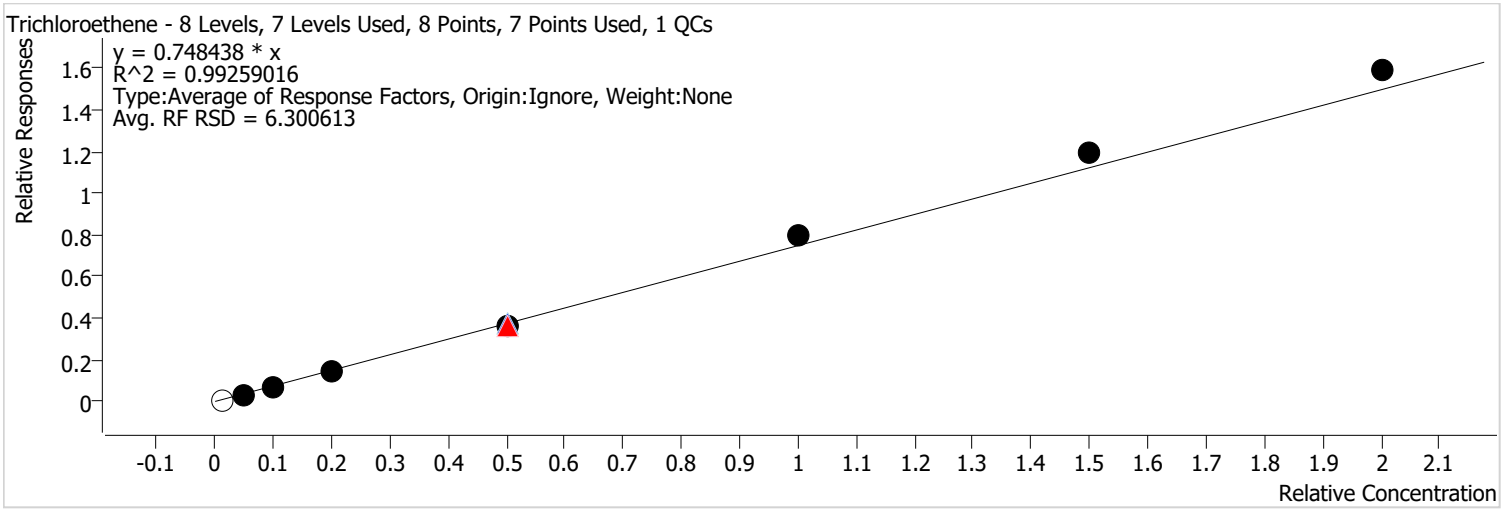
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	11123	12.5000	0.2770	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	21778	25.0000	0.2661	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	43538	50.0000	0.2700	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	109046	125.0000	0.2552	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	110579	125.0000	0.2494	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	109046	125.0000	0.2552	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	236845	250.0000	0.2708	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	368750	375.0000	0.2747	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	499614	500.0000	0.2730	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Trichloroethene %RSE = 6.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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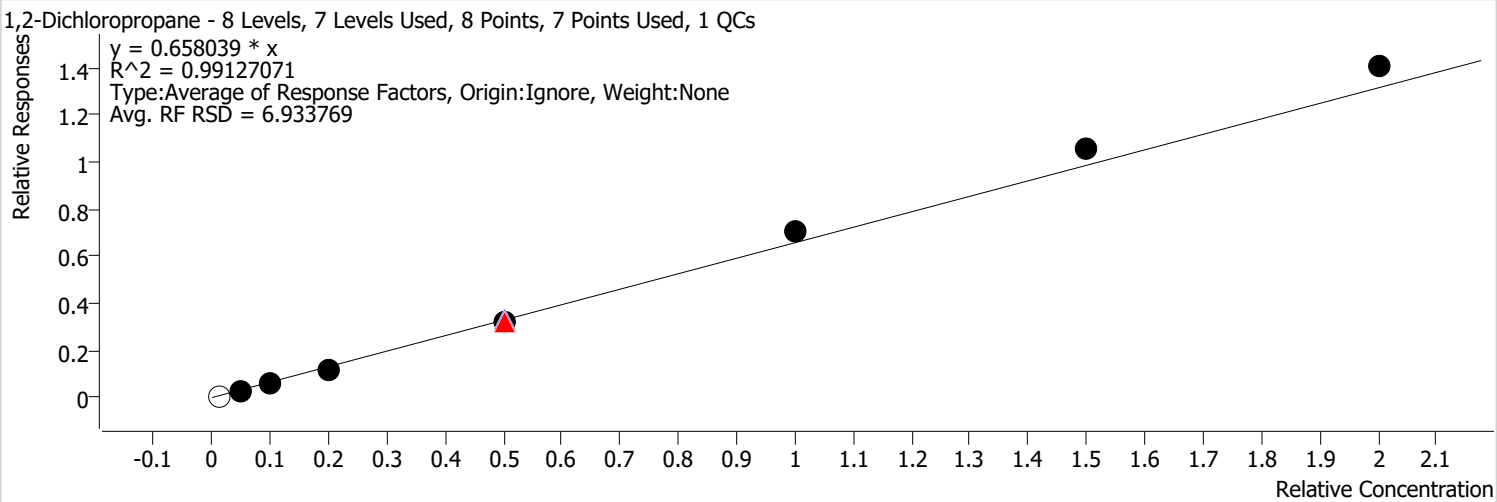
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	10949	12.5000	0.6980	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	23390	25.0000	0.7284	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	44214	50.0000	0.6933	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	120511	125.0000	0.7293	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	128332	125.0000	0.7607	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	120511	125.0000	0.7293	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	265703	250.0000	0.7973	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	399934	375.0000	0.7989	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	553822	500.0000	0.7938	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloropropane %RSE = 6.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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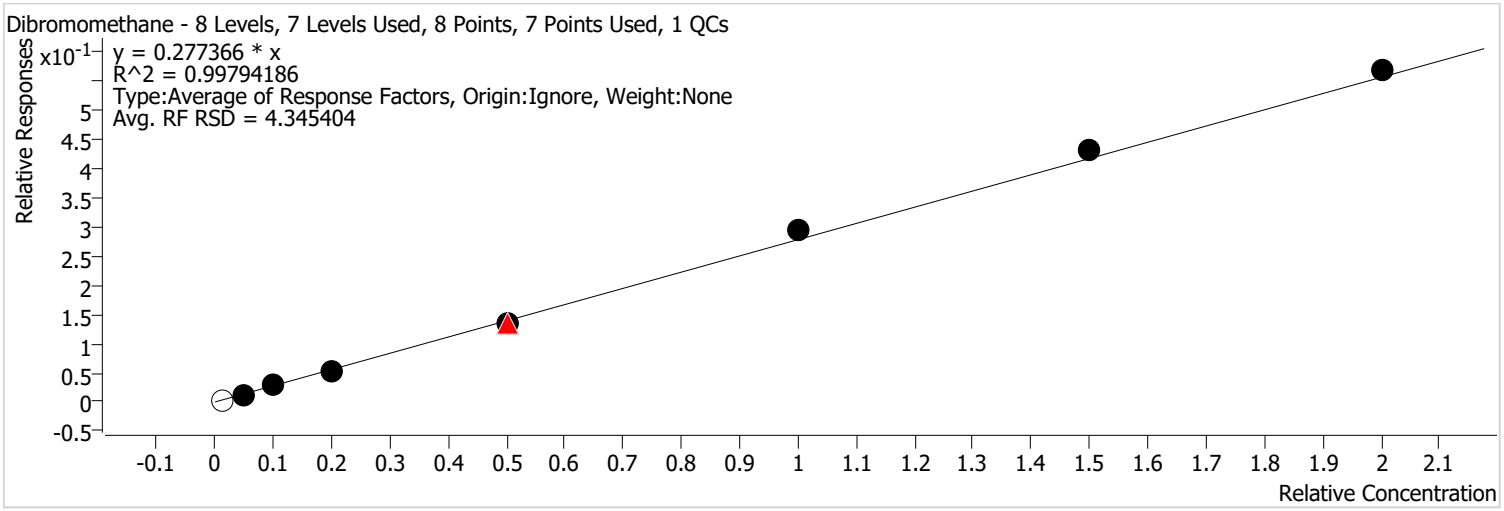
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9499	12.5000	0.6056	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20331	25.0000	0.6332	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38730	50.0000	0.6073	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	106955	125.0000	0.6473	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	111240	125.0000	0.6594	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	106955	125.0000	0.6473	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	235120	250.0000	0.7055	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	352771	375.0000	0.7047	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	490282	500.0000	0.7028	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:44 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dibromomethane %RSE = 4.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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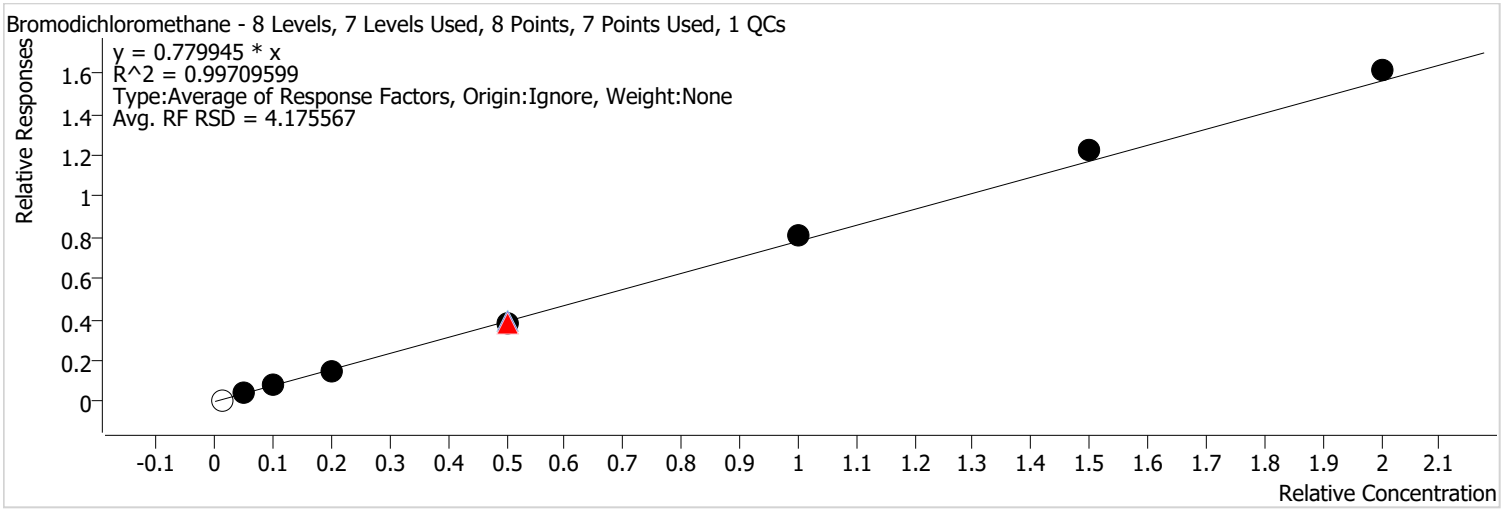
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4088	12.5000	0.2606	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	9095	25.0000	0.2833	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	16899	50.0000	0.2650	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	44657	125.0000	0.2703	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	44818	125.0000	0.2657	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	44657	125.0000	0.2703	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	97445	250.0000	0.2924	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	143756	375.0000	0.2872	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	197367	500.0000	0.2829	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromodichloromethane %RSE = 4.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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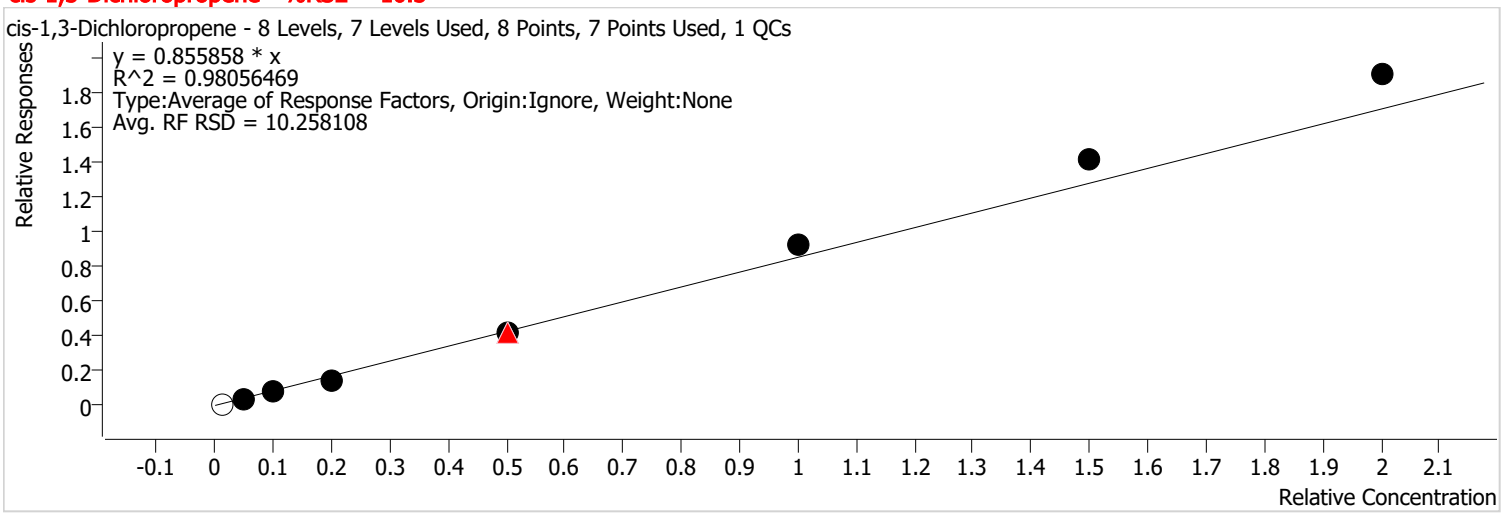
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	12025	12.5000	0.7666	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	24925	25.0000	0.7763	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	46426	50.0000	0.7280	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	124982	125.0000	0.7564	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	131590	125.0000	0.7801	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	124982	125.0000	0.7564	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	270436	250.0000	0.8115	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	408420	375.0000	0.8159	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	561671	500.0000	0.8051	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

cis-1,3-Dichloropropene %RSE = 10.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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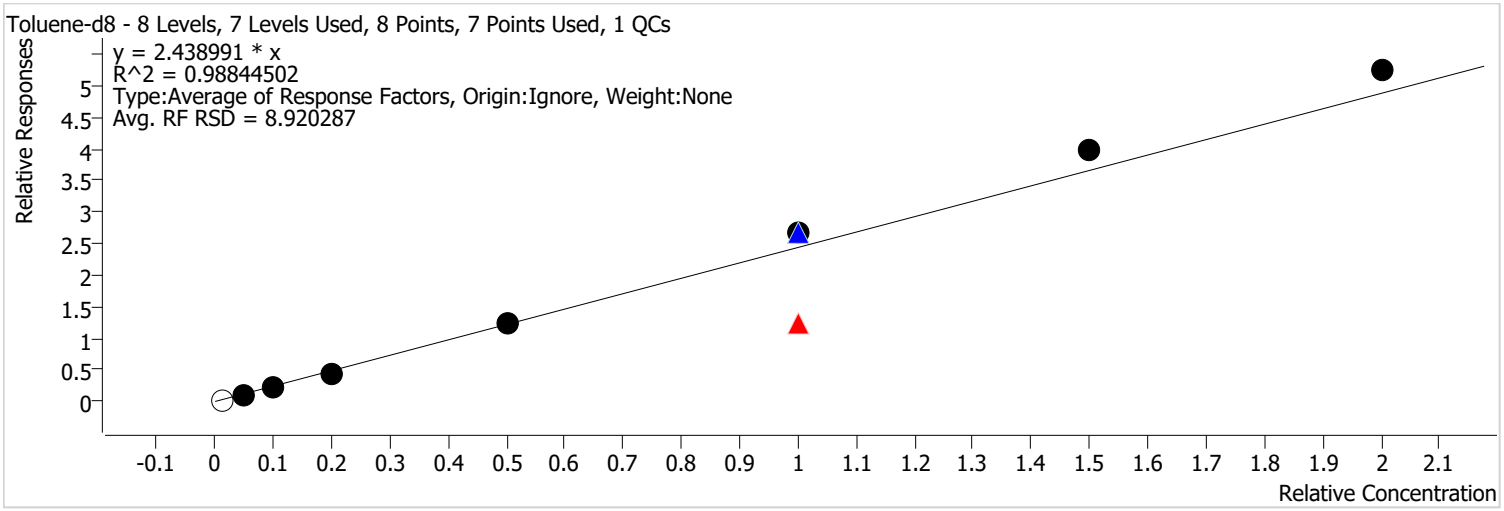
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	12472	12.5000	0.7951	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	24965	25.0000	0.7775	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	47339	50.0000	0.7423	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	139607	125.0000	0.8449	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	139981	125.0000	0.8298	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	139607	125.0000	0.8449	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	311156	250.0000	0.9336	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	471983	375.0000	0.9428	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	666084	500.0000	0.9548	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

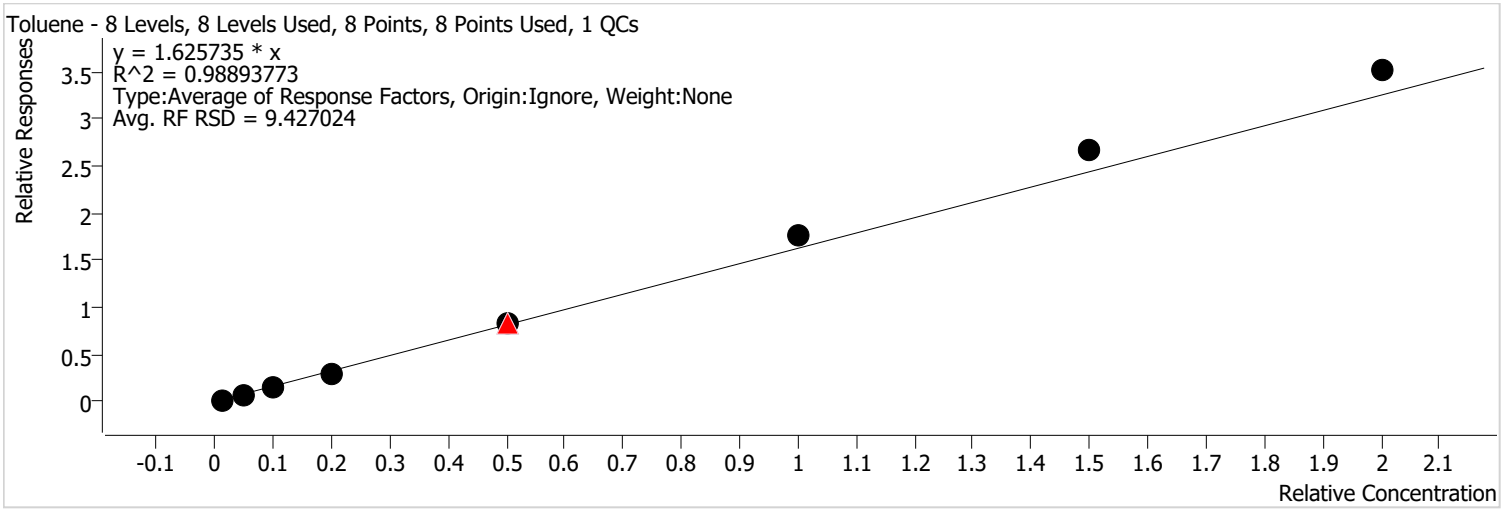
Toluene-d8 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		8454	2.5000	2.6712	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	33951	12.5000	2.1644	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	72066	25.0000	2.2444	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	142617	50.0000	2.2362	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	412799	125.0000	2.4983	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	412799	250.0000	1.2491	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	896928	250.0000	2.6585	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	885297	250.0000	2.6564	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	1329503	375.0000	2.6558	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	1826060	500.0000	2.6175	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

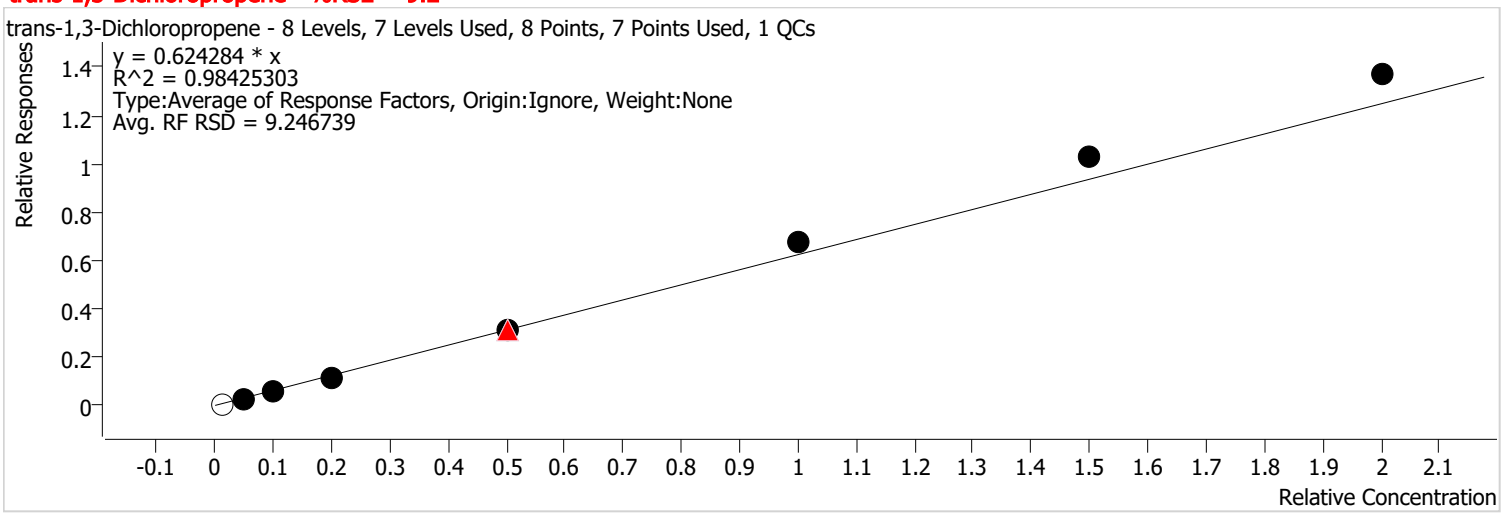
Toluene %RSE = 9.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1	x	5454	2.5000	1.7233	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	21899	12.5000	1.3961	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	48441	25.0000	1.5086	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	92615	50.0000	1.4522	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	269549	125.0000	1.6313	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	277703	125.0000	1.6462	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	269549	125.0000	1.6313	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	587069	250.0000	1.7615	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	890126	375.0000	1.7781	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	1224192	500.0000	1.7547	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

trans-1,3-Dichloropropene %RSE = 9.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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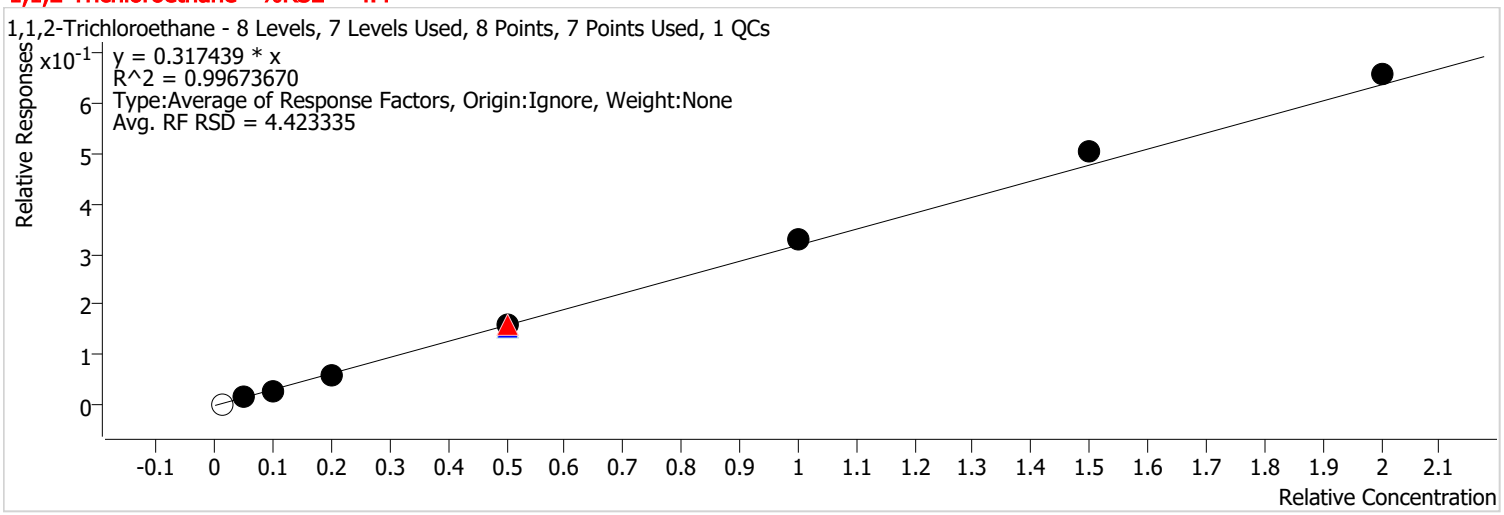
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	8755	12.5000	0.5581	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	18613	25.0000	0.5797	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	36009	50.0000	0.5646	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	102846	125.0000	0.6224	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	105873	125.0000	0.6276	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	102846	125.0000	0.6224	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	223772	250.0000	0.6714	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	345161	375.0000	0.6895	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	477330	500.0000	0.6842	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1,2-Trichloroethane %RSE = 4.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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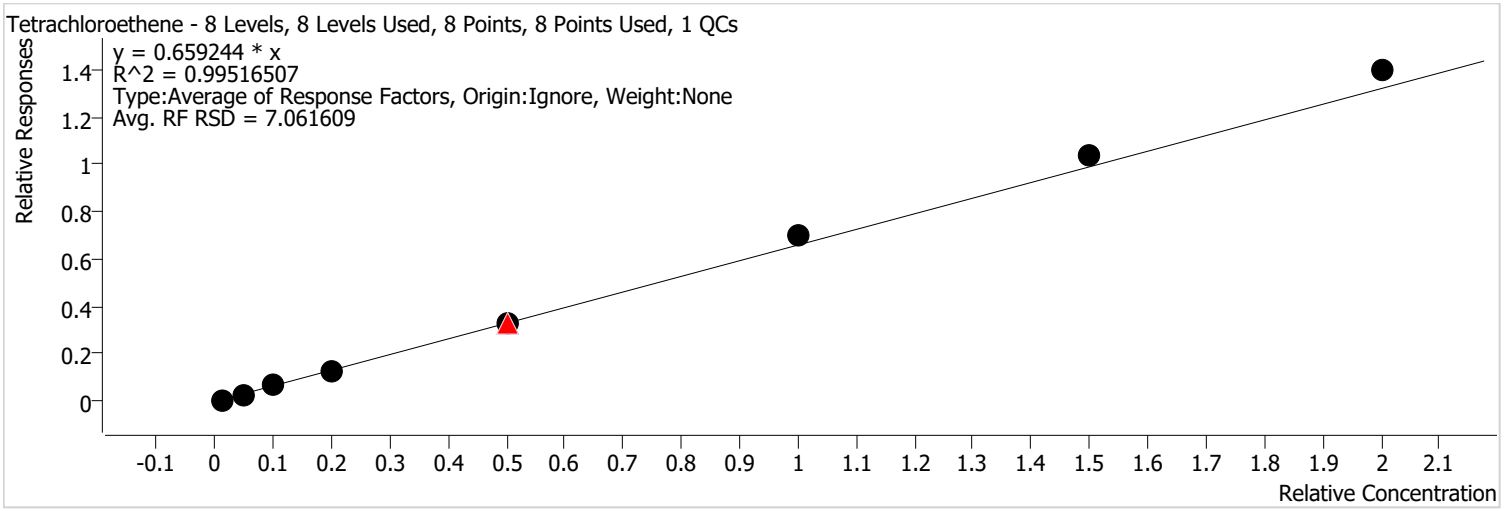
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4762	12.5000	0.3036	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	9780	25.0000	0.3046	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	19237	50.0000	0.3016	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	52780	125.0000	0.3194	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	52407	125.0000	0.3107	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	52780	125.0000	0.3194	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	110317	250.0000	0.3310	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	167409	375.0000	0.3344	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	228423	500.0000	0.3274	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Tetrachloroethene %RSE = 7.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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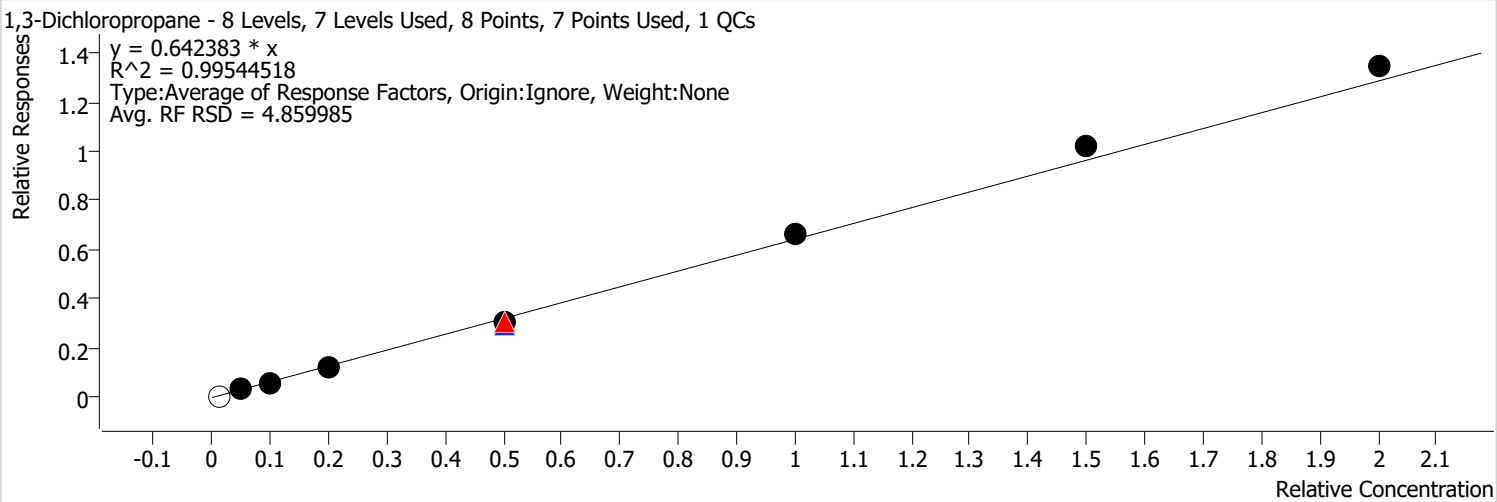
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	8964	12.5000	0.5715	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	21156	25.0000	0.6589	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38749	50.0000	0.6076	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	109194	125.0000	0.6608	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	112100	125.0000	0.6645	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	109194	125.0000	0.6608	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	231586	250.0000	0.6949	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	346235	375.0000	0.6916	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	486052	500.0000	0.6967	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,3-Dichloropropane %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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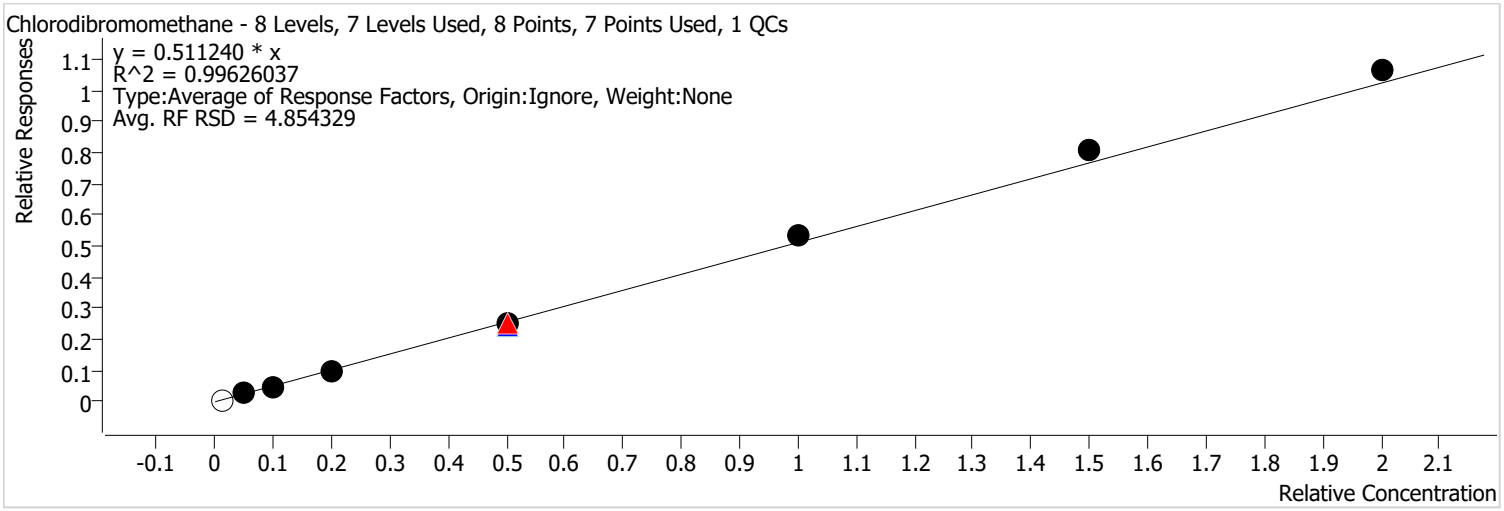
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9988	12.5000	0.6367	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20205	25.0000	0.6293	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38147	50.0000	0.5981	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	101384	125.0000	0.6136	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	99920	125.0000	0.5923	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	101384	125.0000	0.6136	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	223019	250.0000	0.6692	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	339654	375.0000	0.6785	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	468322	500.0000	0.6713	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chlorodibromomethane %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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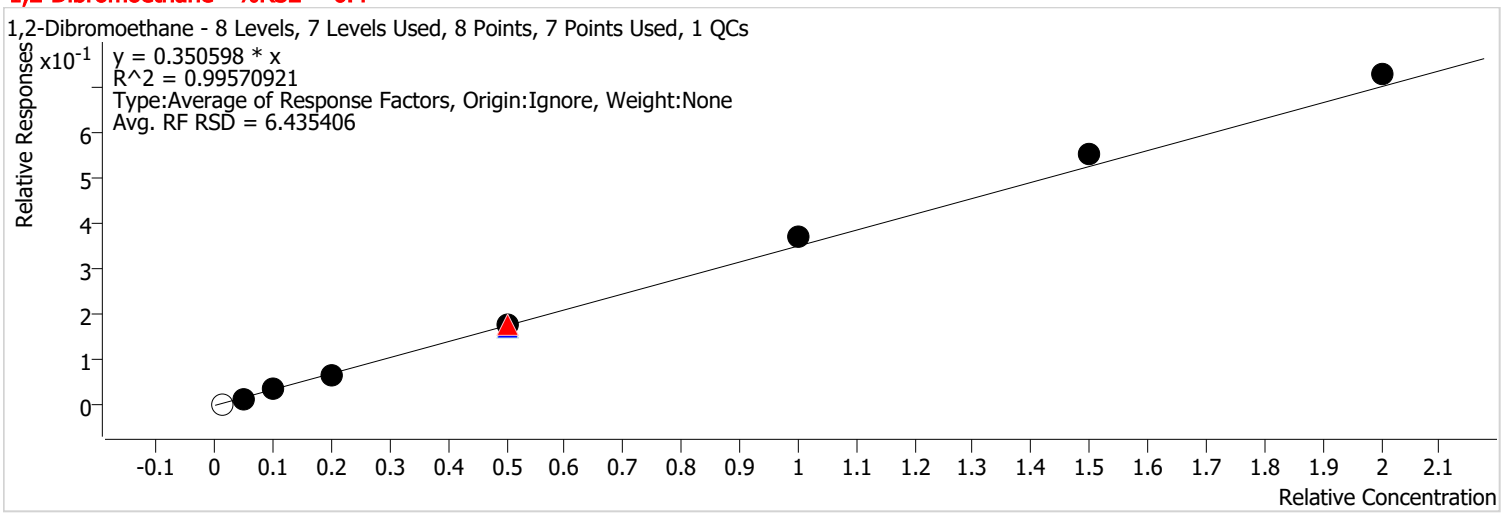
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	15826	25.0000	0.4929	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	30000	50.0000	0.4704	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	83172	125.0000	0.5034	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	81909	125.0000	0.4856	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	83172	125.0000	0.5034	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	178171	250.0000	0.5346	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	269032	375.0000	0.5374	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	370474	500.0000	0.5310	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dibromoethane %RSE = 6.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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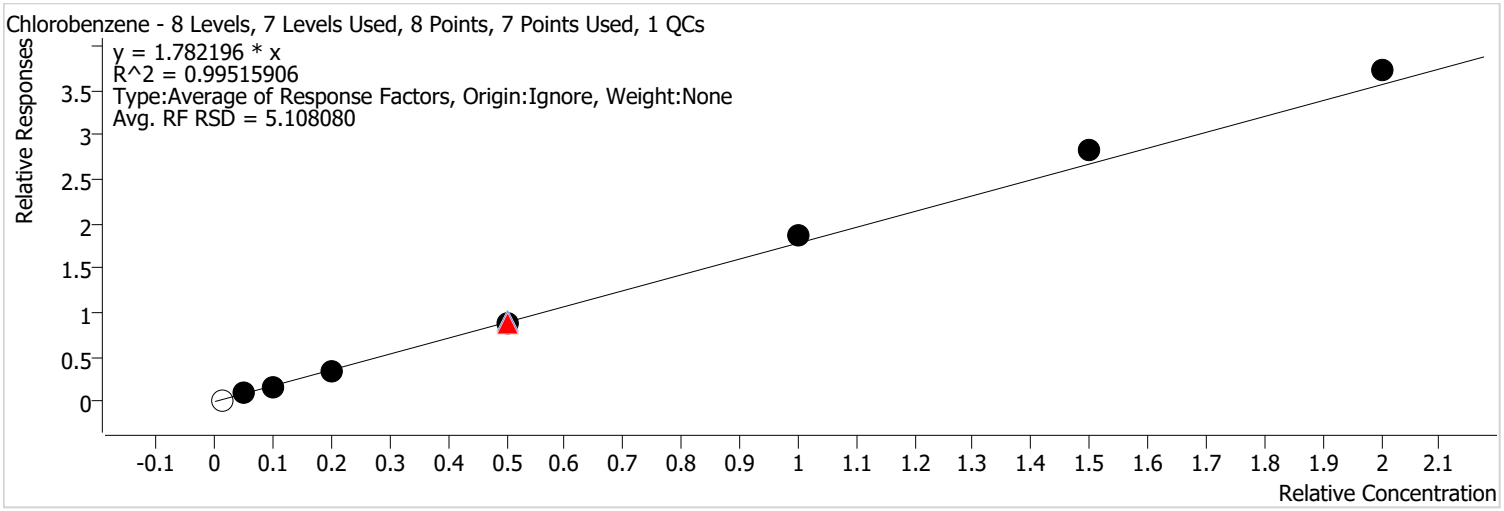
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4936	12.5000	0.3147	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	11412	25.0000	0.3554	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	20667	50.0000	0.3241	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	58489	125.0000	0.3540	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	58586	125.0000	0.3473	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	58489	125.0000	0.3540	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	124289	250.0000	0.3729	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	184921	375.0000	0.3694	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	253758	500.0000	0.3637	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chlorobenzene %RSE = 5.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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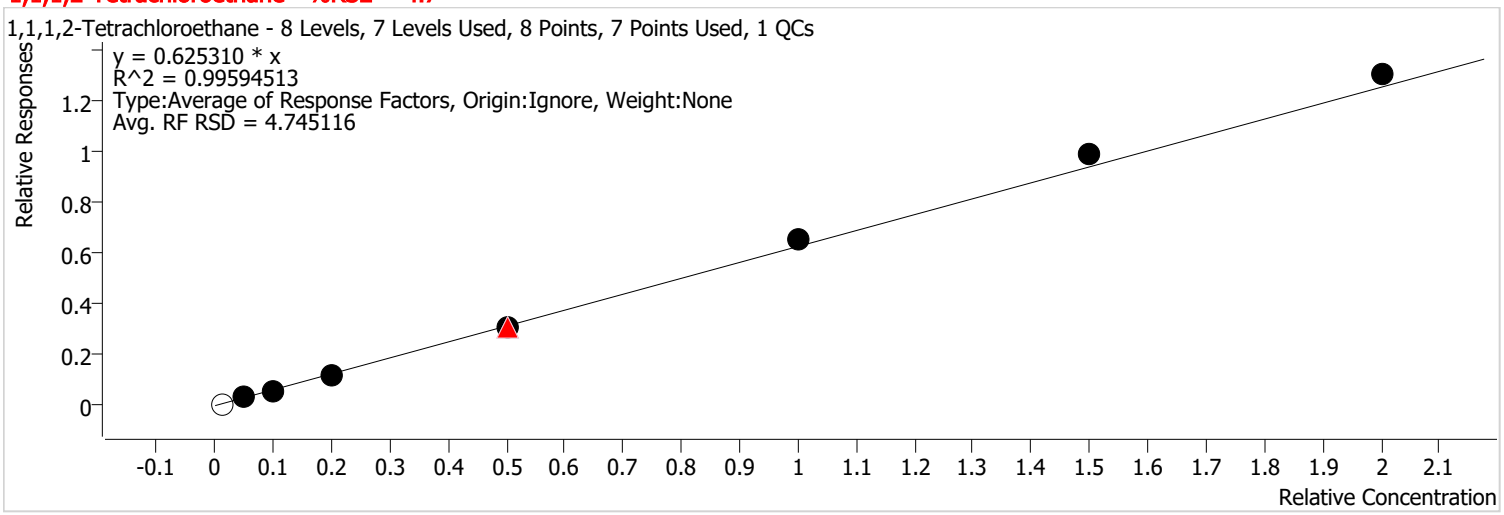
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	55632	25.0000	1.7326	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	106223	50.0000	1.6656	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	289340	125.0000	1.7511	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	307100	125.0000	1.8205	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	289340	125.0000	1.7511	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	625101	250.0000	1.8757	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	945250	375.0000	1.8882	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	1298233	500.0000	1.8609	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

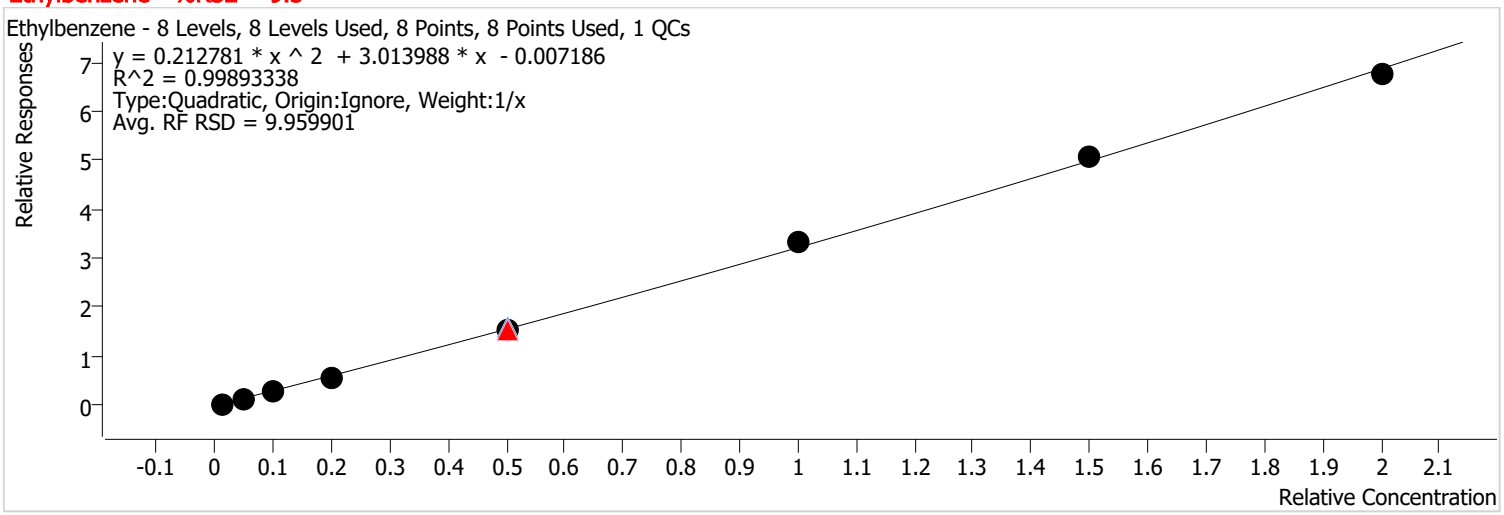
1,1,1,2-Tetrachloroethane %RSE = 4.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		2284	2.5000	0.7215	
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9446	12.5000	0.6022	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	19516	25.0000	0.6078	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	37389	50.0000	0.5863	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	101500	125.0000	0.6143	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	102231	125.0000	0.6060	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	101500	125.0000	0.6143	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	219325	250.0000	0.6581	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	329822	375.0000	0.6588	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	453261	500.0000	0.6497	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Ethylbenzene %RSE = 9.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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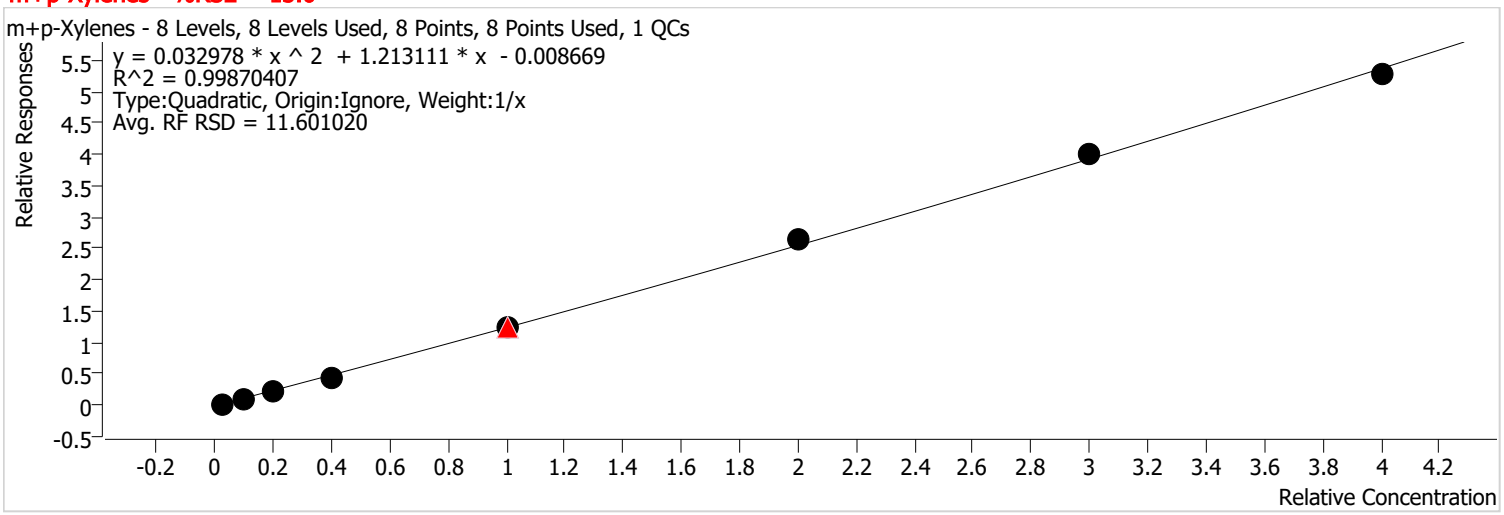
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	42980	12.5000	2.7400	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	91590	25.0000	2.8524	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	171854	50.0000	2.6947	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	505127	125.0000	3.0570	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	535079	125.0000	3.1719	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	505127	125.0000	3.0570	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	1116949	250.0000	3.3515	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	1697682	375.0000	3.3913	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	2354058	500.0000	3.3743	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

m+p-Xylenes %RSE = 13.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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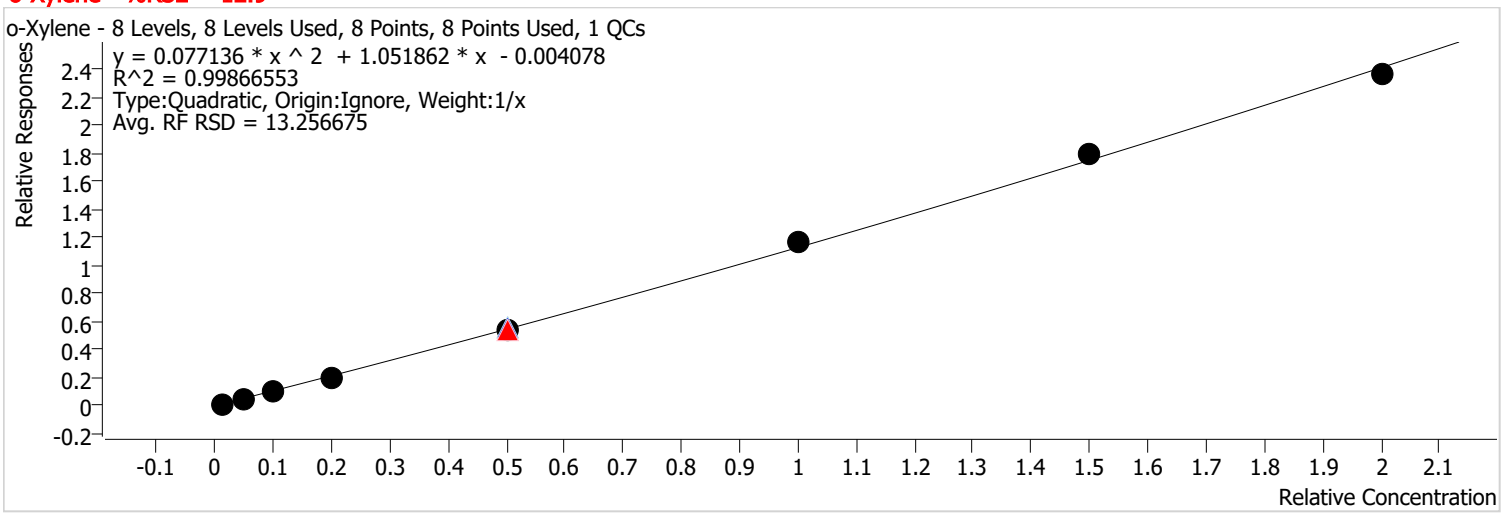
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	31103	25.0000	0.9914	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	71705	50.0000	1.1166	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	136806	100.0000	1.0726	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	405724	250.0000	1.2277	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	413361	250.0000	1.2252	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	405724	250.0000	1.2277	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	887253	500.0000	1.3311	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	1334216	750.0000	1.3326	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	1838610	1000.0000	1.3177	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:45 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

o-Xylene %RSE = 12.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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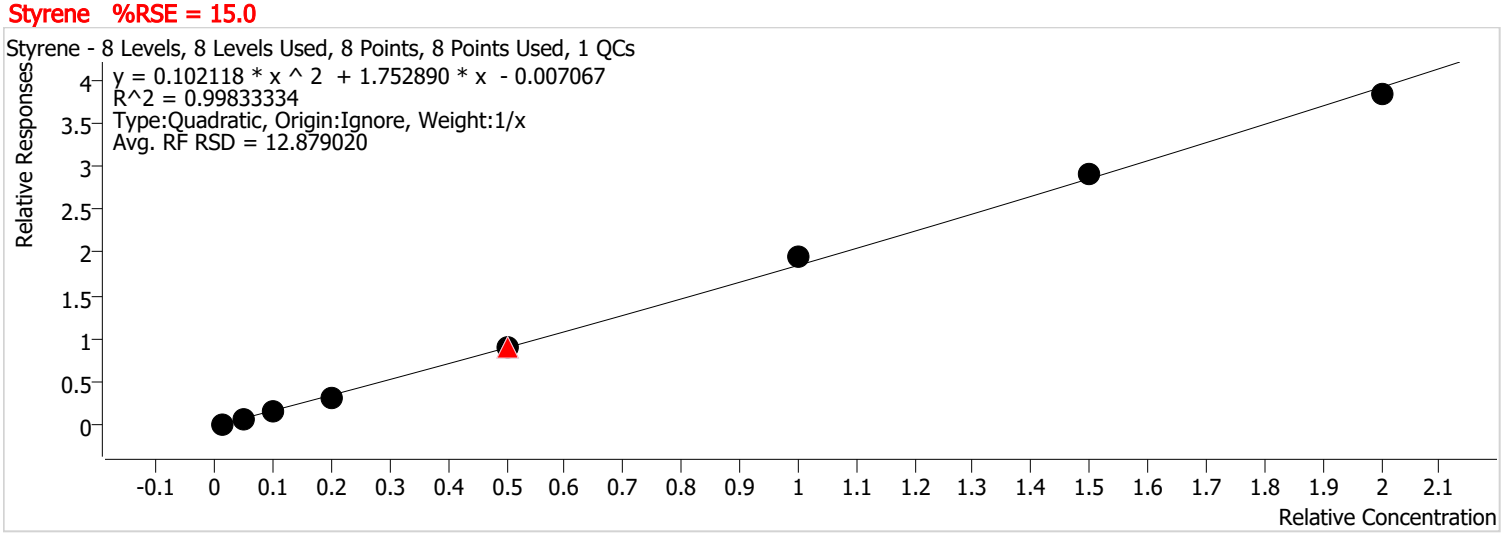
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	13717	12.5000	0.8745	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	30498	25.0000	0.9498	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	58814	50.0000	0.9222	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	179108	125.0000	1.0840	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	184033	125.0000	1.0909	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	179108	125.0000	1.0840	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	387676	250.0000	1.1632	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	598606	375.0000	1.1958	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	822173	500.0000	1.1785	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Styrene %RSE = 15.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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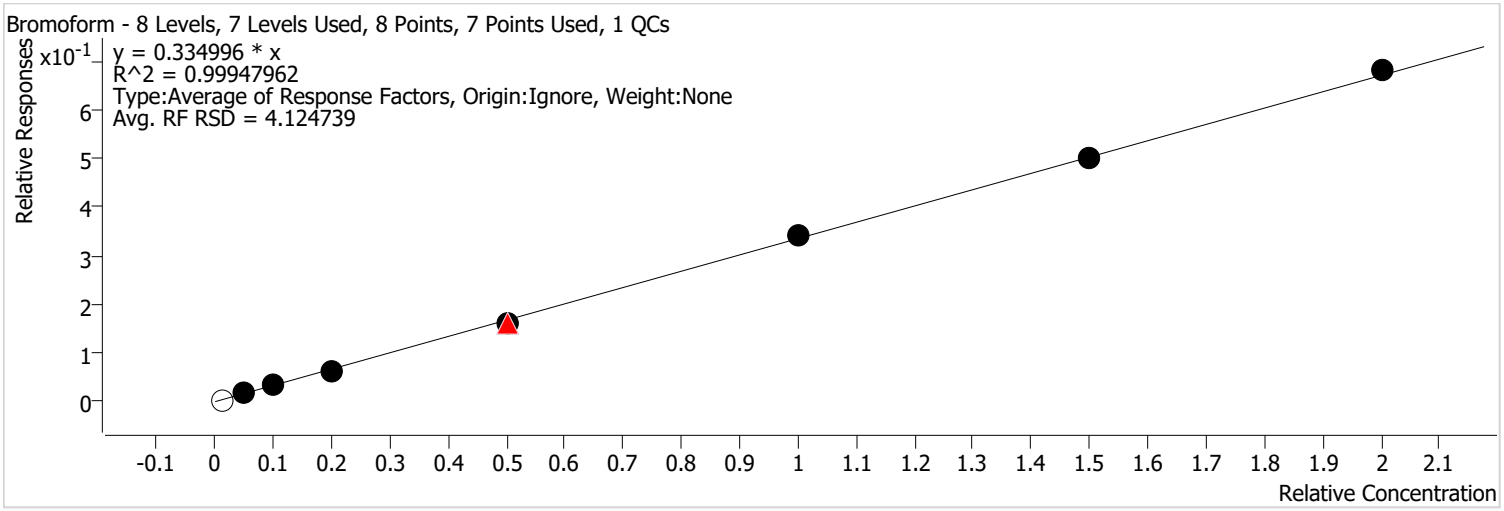
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	21872	12.5000	1.3944	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	50294	25.0000	1.5663	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	97810	50.0000	1.5337	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	292722	125.0000	1.7716	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	306077	125.0000	1.8144	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	292722	125.0000	1.7716	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	646327	250.0000	1.9393	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	973131	375.0000	1.9439	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	1332807	500.0000	1.9104	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromoform %RSE = 4.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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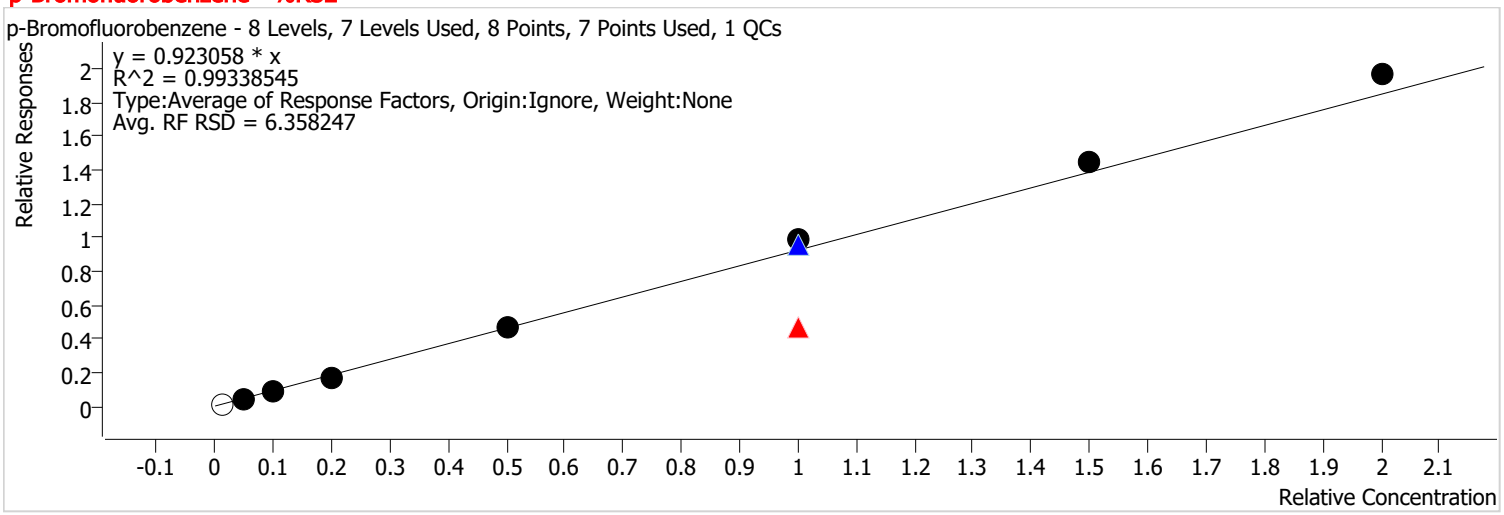
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4402	12.5000	0.3494	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	8920	25.0000	0.3448	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	16290	50.0000	0.3097	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	45045	125.0000	0.3241	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	45029	125.0000	0.3175	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	45045	125.0000	0.3241	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	96001	250.0000	0.3428	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	143943	375.0000	0.3344	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	198345	500.0000	0.3397	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**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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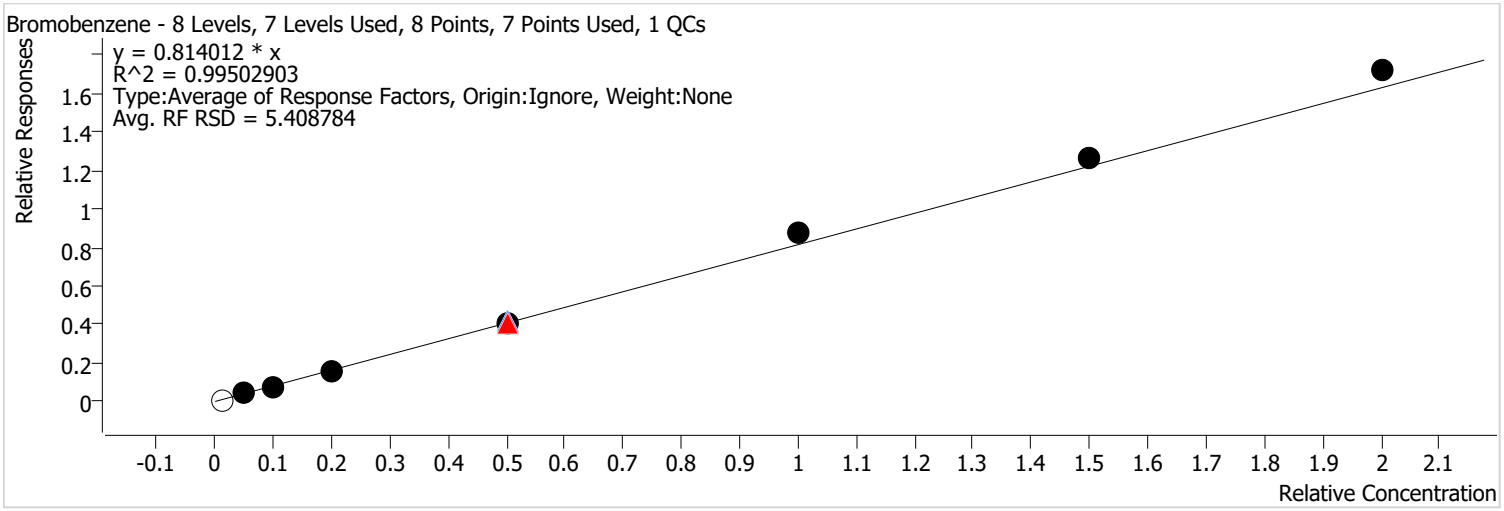
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	10669	12.5000	0.8469	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	23160	25.0000	0.8953	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	45114	50.0000	0.8578	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	128330	125.0000	0.9232	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	128330	250.0000	0.4616	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	270628	250.0000	0.9540	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	277668	250.0000	0.9915	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	415878	375.0000	0.9662	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	572482	500.0000	0.9806	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromobenzene %RSE = 5.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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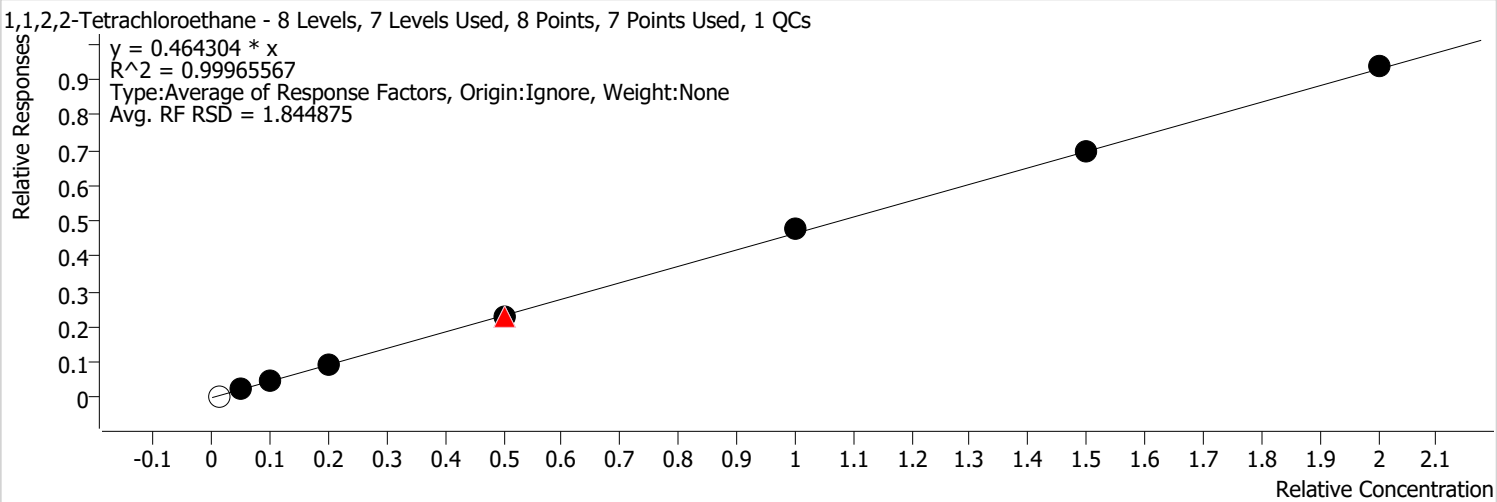
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9784	12.5000	0.7767	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20364	25.0000	0.7872	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	39639	50.0000	0.7537	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	112733	125.0000	0.8110	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	118930	125.0000	0.8385	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	112733	125.0000	0.8110	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	243851	250.0000	0.8707	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	361843	375.0000	0.8406	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	501025	500.0000	0.8582	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1,2,2-Tetrachloroethane %RSE = 1.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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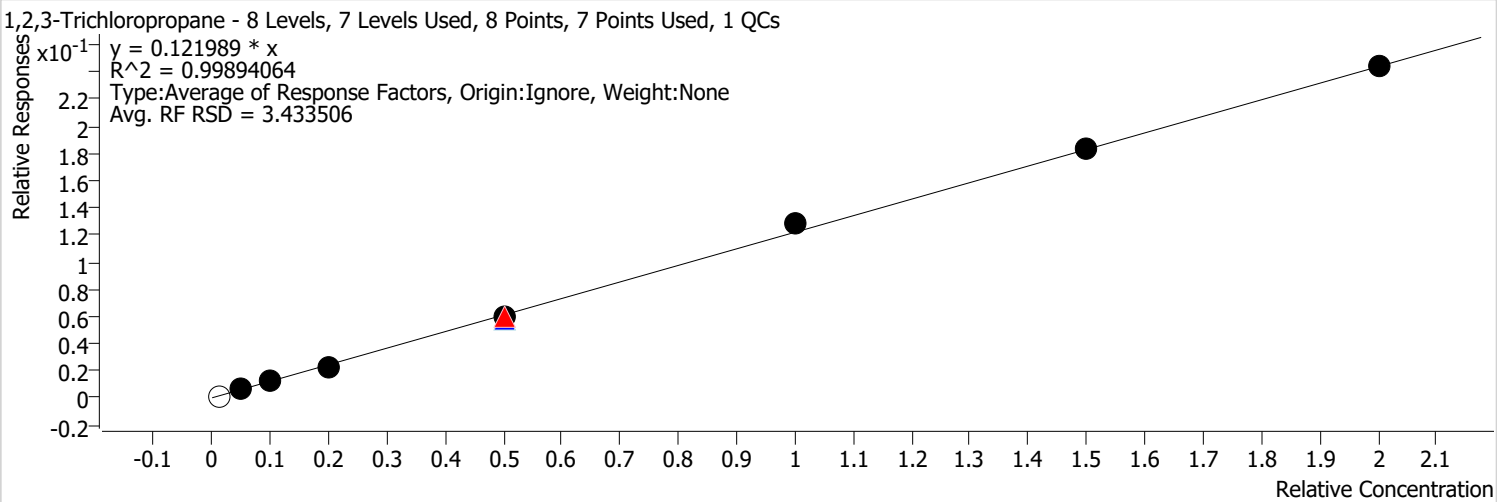
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	12137	25.0000	0.4692	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	24493	50.0000	0.4657	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	62640	125.0000	0.4506	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	65177	125.0000	0.4595	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	62640	125.0000	0.4506	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	133573	250.0000	0.4769	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	199230	375.0000	0.4629	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	273124	500.0000	0.4678	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2,3-Trichloropropane %RSE = 3.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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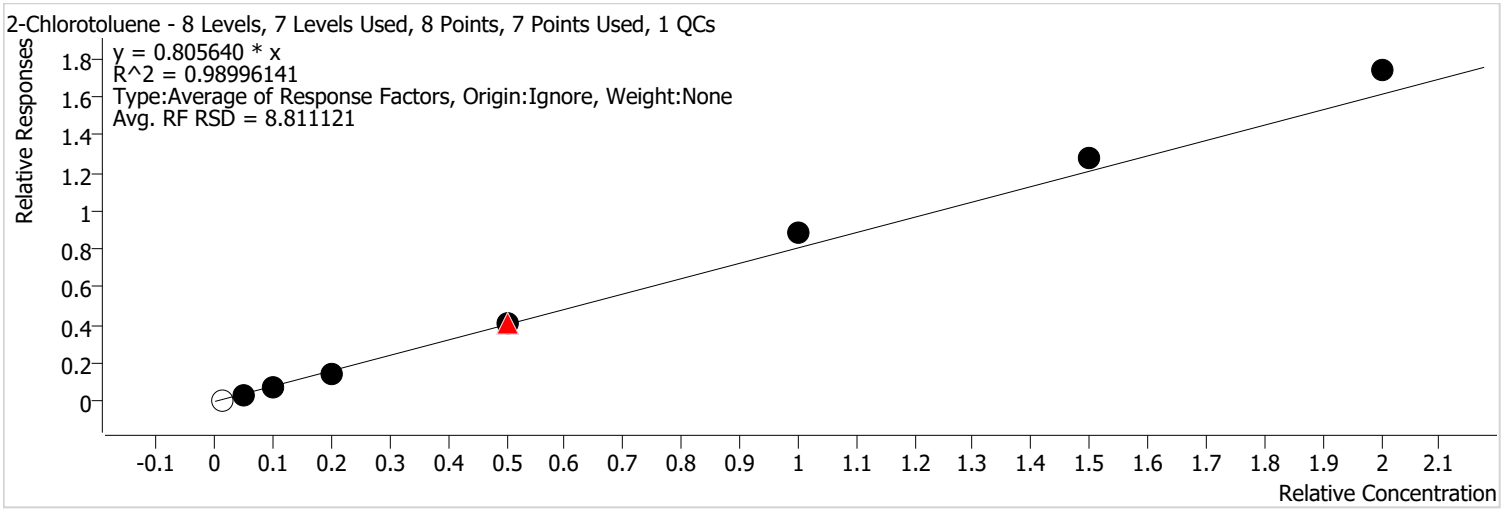
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	3237	25.0000	0.1251	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	6147	50.0000	0.1169	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	16355	125.0000	0.1177	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	16507	125.0000	0.1164	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	16355	125.0000	0.1177	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	36124	250.0000	0.1290	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	52732	375.0000	0.1225	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	71179	500.0000	0.1219	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

2-Chlorotoluene %RSE = 8.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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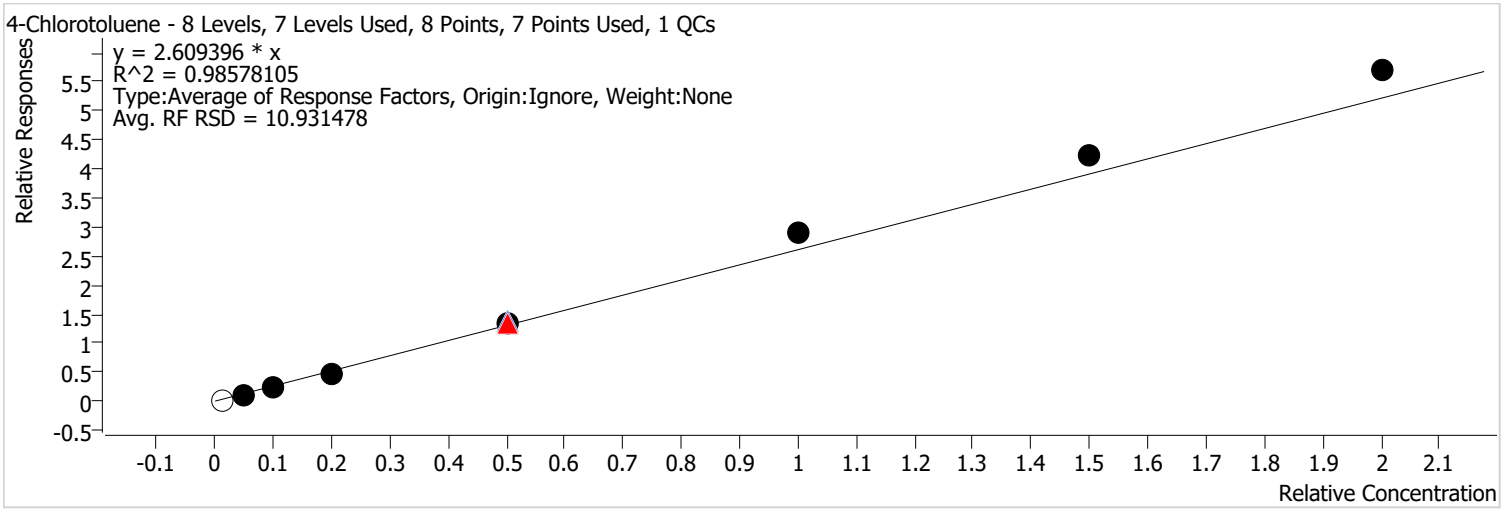
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9032	12.5000	0.7170	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20511	25.0000	0.7929	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	37139	50.0000	0.7062	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	114135	125.0000	0.8211	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	117036	125.0000	0.8251	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	114135	125.0000	0.8211	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	247831	250.0000	0.8849	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	365790	375.0000	0.8498	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	506556	500.0000	0.8676	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

4-Chlorotoluene %RSE = 10.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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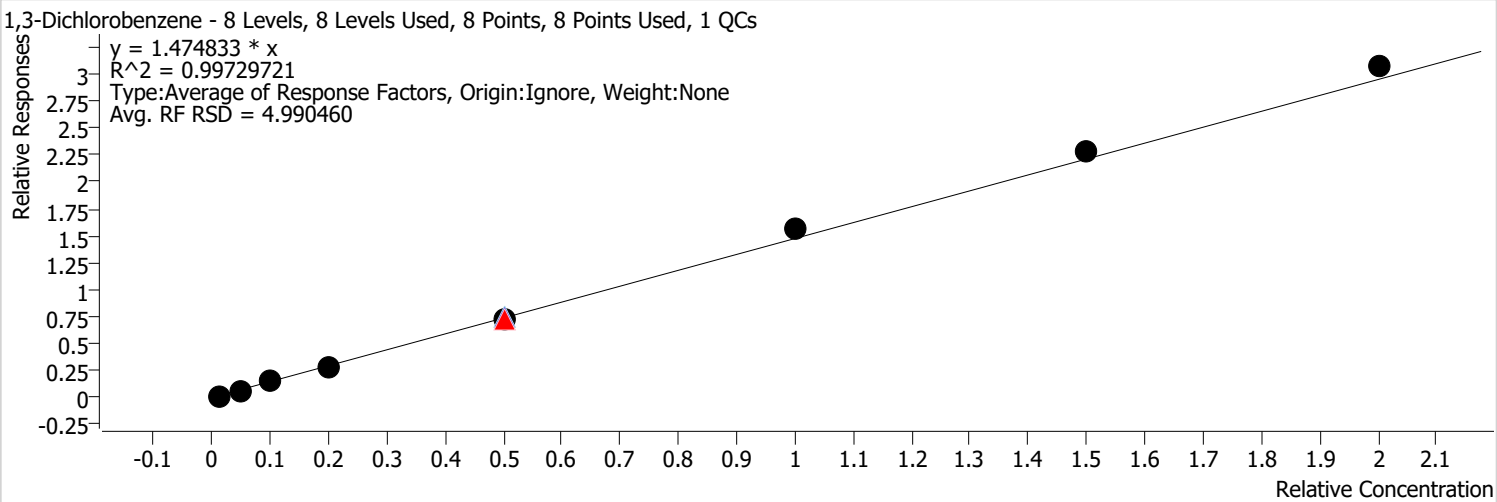
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	26850	12.5000	2.1314	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	64162	25.0000	2.4802	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	125553	50.0000	2.3873	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	375931	125.0000	2.7044	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	395846	125.0000	2.7908	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	375931	125.0000	2.7044	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	814408	250.0000	2.9080	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	1209058	375.0000	2.8089	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	1661293	500.0000	2.8455	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,3-Dichlorobenzene %RSE = 5.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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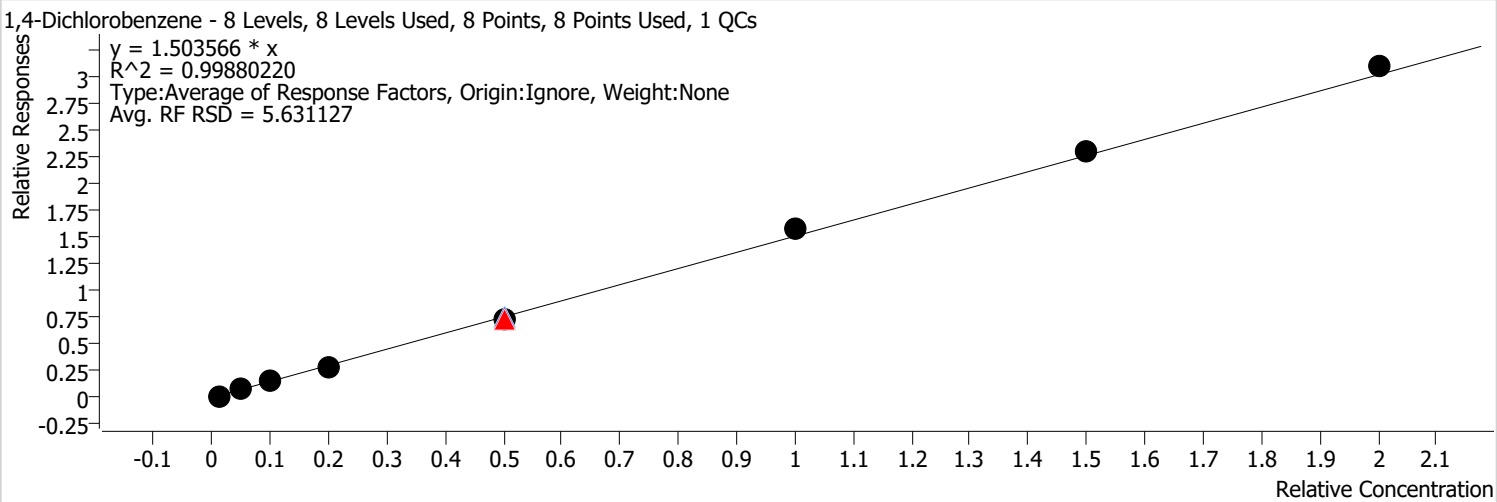
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	73221	50.0000	1.3923	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	200403	125.0000	1.4417	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	214054	125.0000	1.5091	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	200403	125.0000	1.4417	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	436562	250.0000	1.5588	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	652775	375.0000	1.5165	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	895336	500.0000	1.5335	

Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,4-Dichlorobenzene %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\VG011922\19JAN07.D	Calibration	4	x	72168	50.0000	1.3723	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	205880	125.0000	1.4811	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	216533	125.0000	1.5266	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	205880	125.0000	1.4811	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	438291	250.0000	1.5650	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	656962	375.0000	1.5263	
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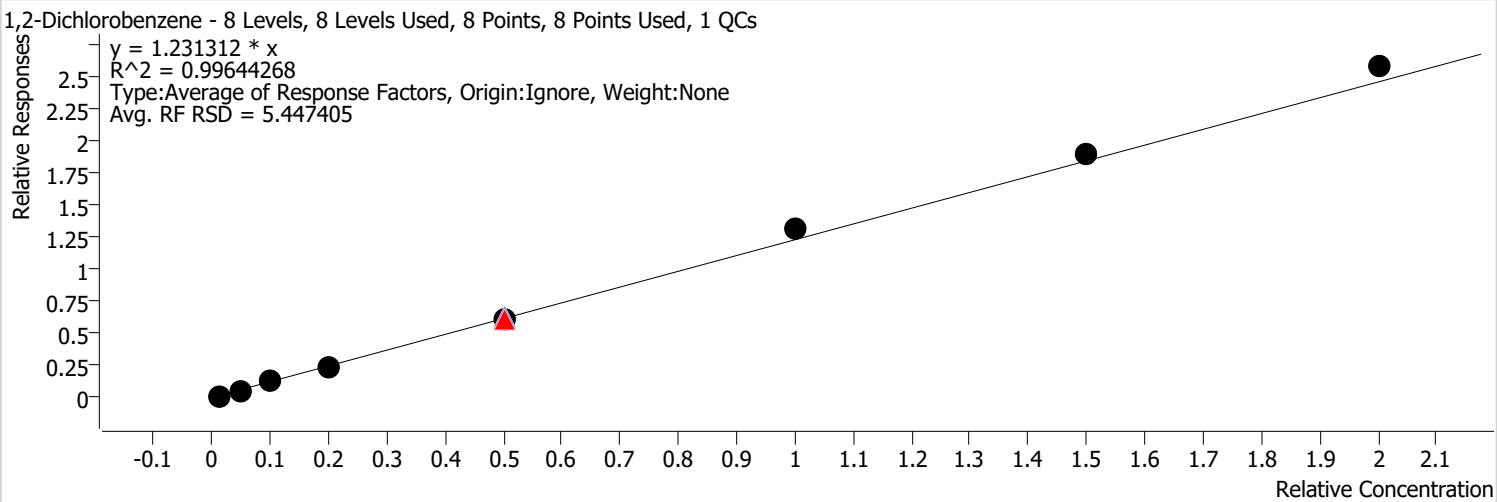
Batch Path	D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin		
Analysis Time	1/22/2022 1:32 PM	**Analyst Name**	BL2000\mchavez
Report Time	1/22/2022 1:35:46 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	1/20/2022 9:28 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichlorobenzene %RSE = 5.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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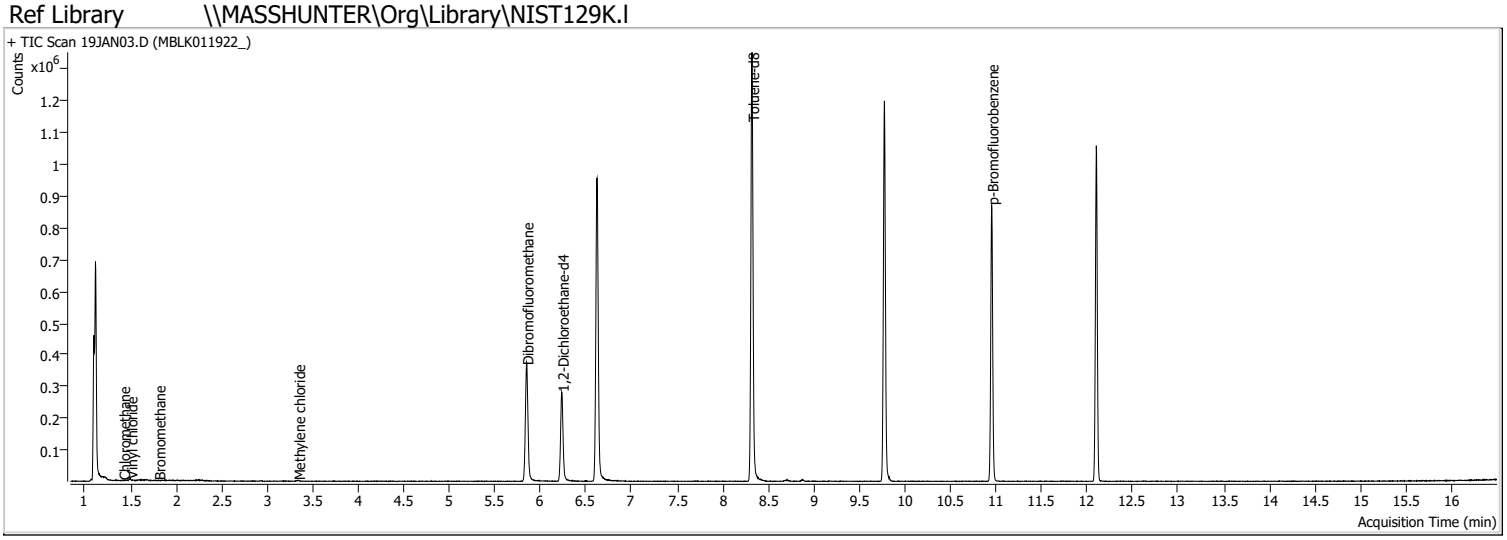
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	59208	50.0000	1.1258	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	169723	125.0000	1.2210	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	177148	125.0000	1.2489	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	169723	125.0000	1.2210	
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	366153	250.0000	1.3074	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	546389	375.0000	1.2694	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	753439	500.0000	1.2905	

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	19JAN03.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 10:13:09 AM
Sample Name	MBLK011922_	Instrument	VOA5975C
Vial	3	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

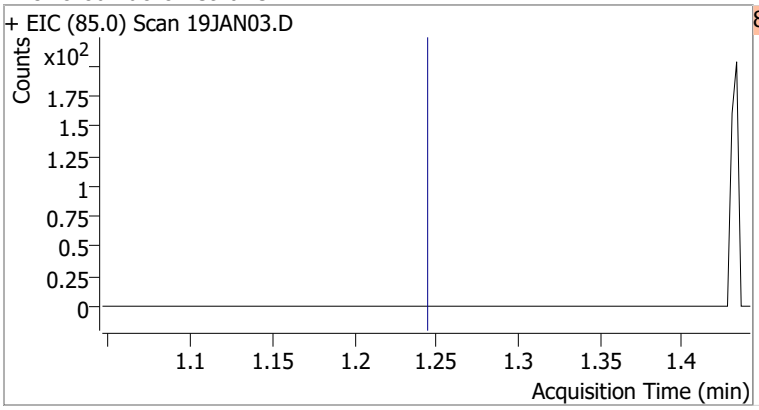


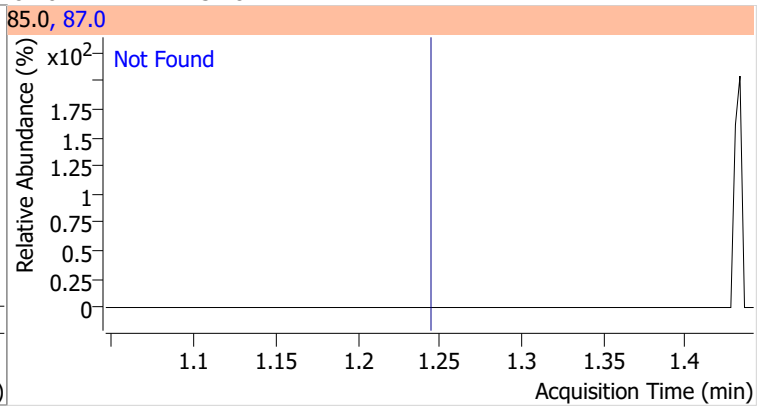
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	812130	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	329825	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	253834	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	221291	281.3207	ng		-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 112.53%			
S 1,2-Dichloroethane-d4	6.233	67.0	100892	296.9186	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 118.77%		*	
S Toluene-d8	8.322	98.0	833211	258.9413	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.58%			
S p-Bromofluorobenzene	10.951	95.0	244714	261.1079	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.44%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.420	50.0	477	0.3708	ng	m	67
T Vinyl chloride	1.501	62.0	450	0.3842	ng	m	51
T Bromomethane	1.807	96.0	344	2.5579	ng	m	96
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	3.341	49.0	2137	1.7999	ng	m	86
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	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.		

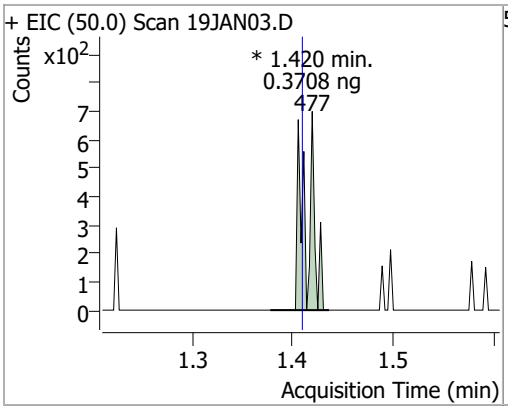
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

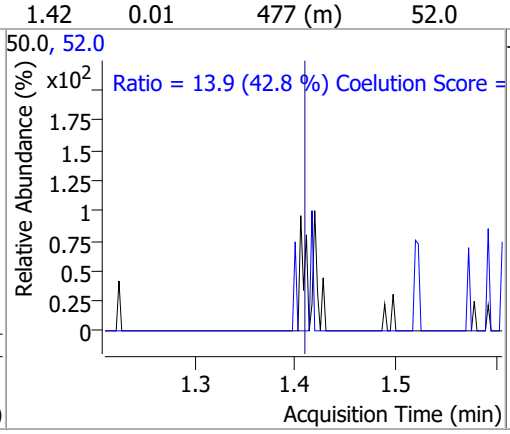
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

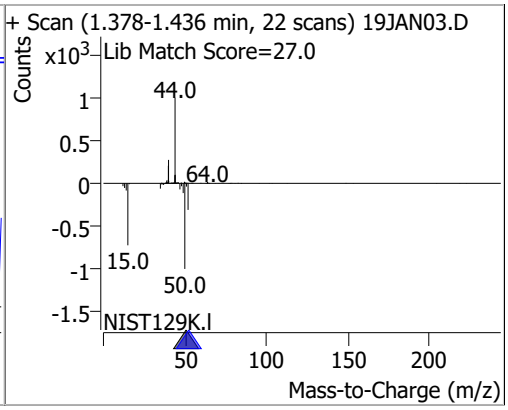




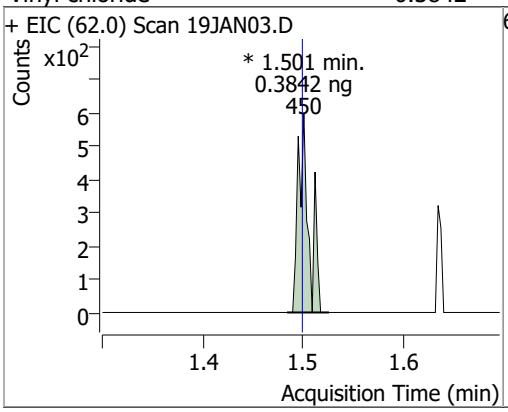
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.3708	1.42	0.01	477 (m)	52.0	13.9	2.4	62.4

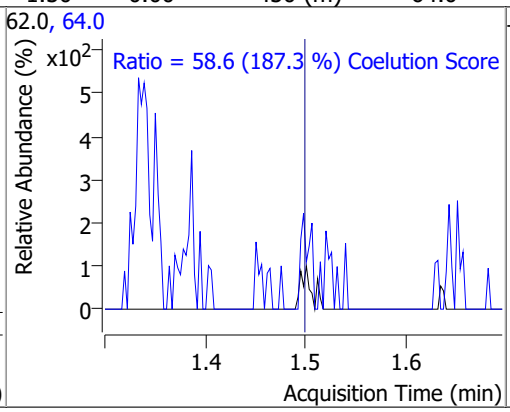


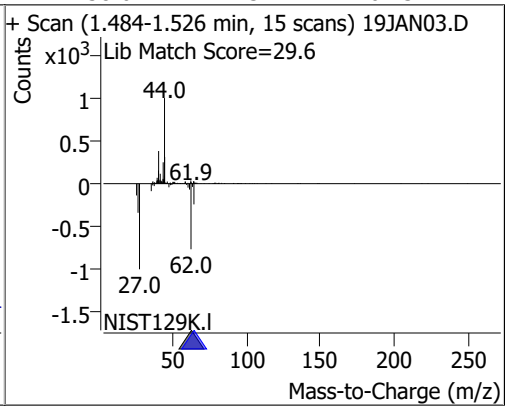




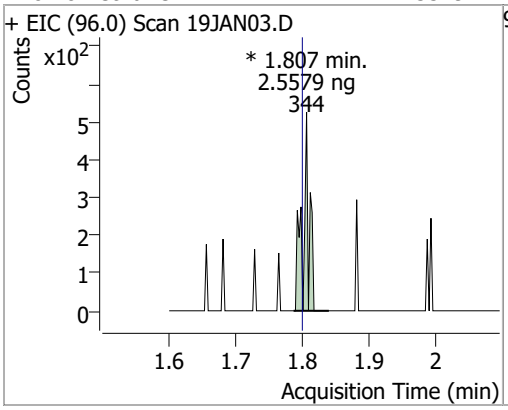
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	0.3842	1.50	0.00	450 (m)	64.0	58.6	1.3	61.3

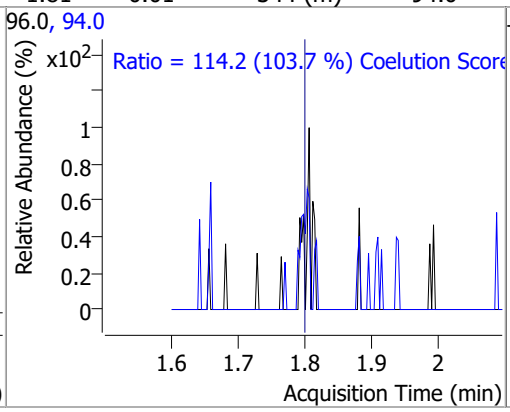


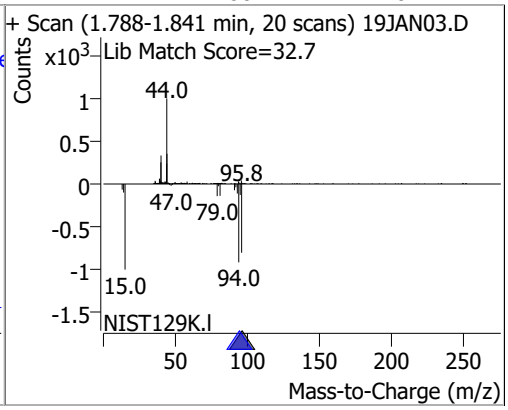




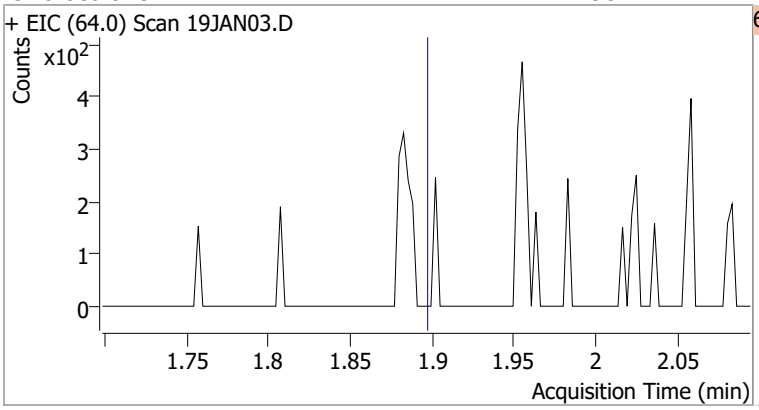
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	2.5579	1.81	0.01	344 (m)	94.0	114.2	80.1	140.1

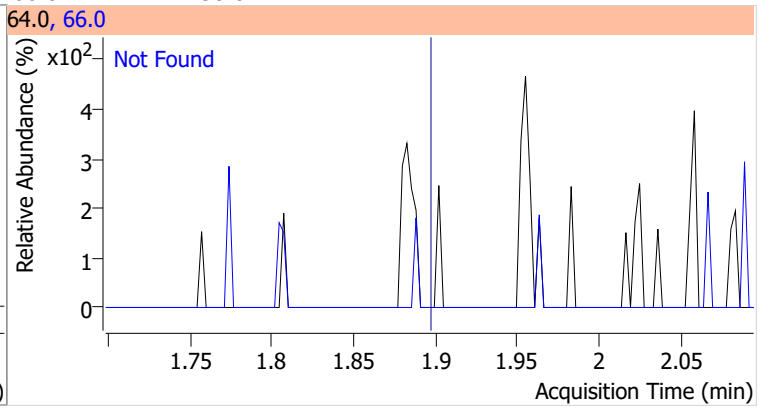




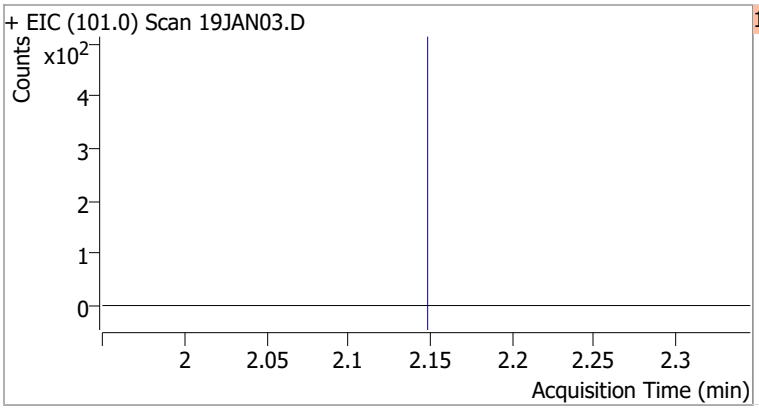


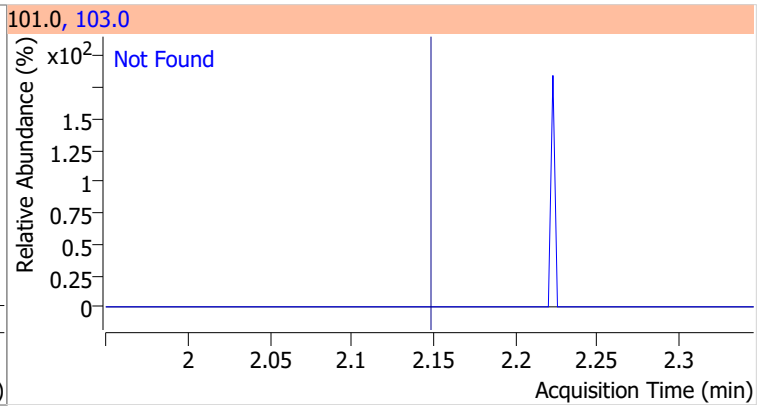
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



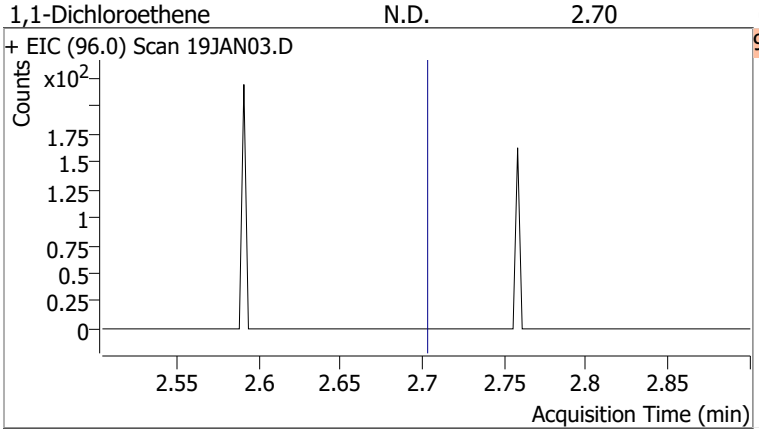


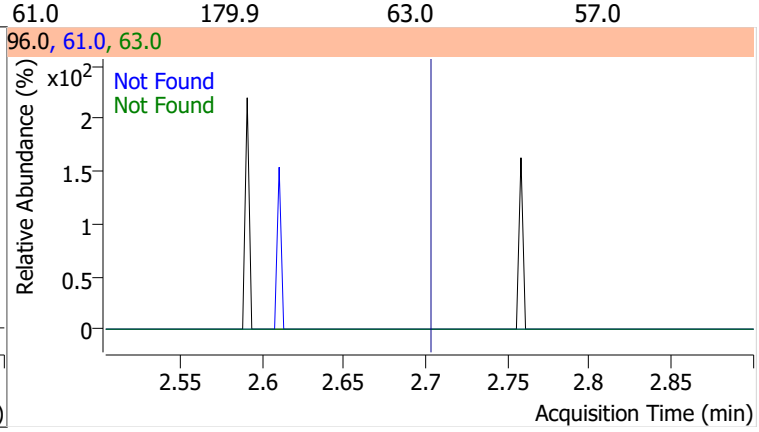
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



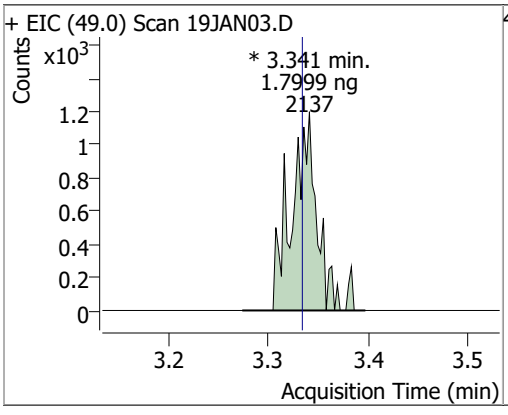


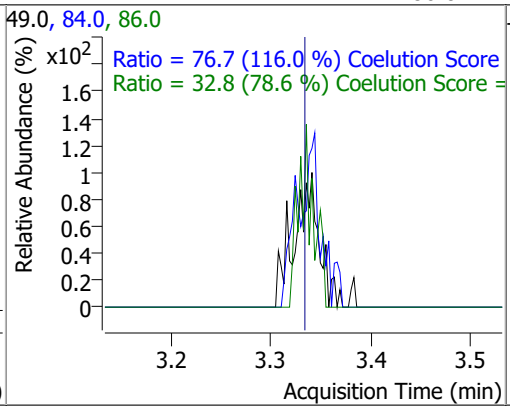
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

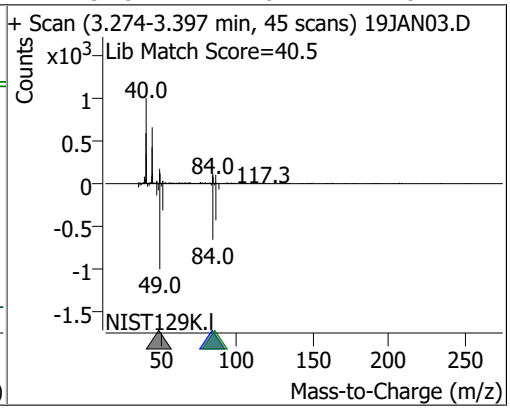




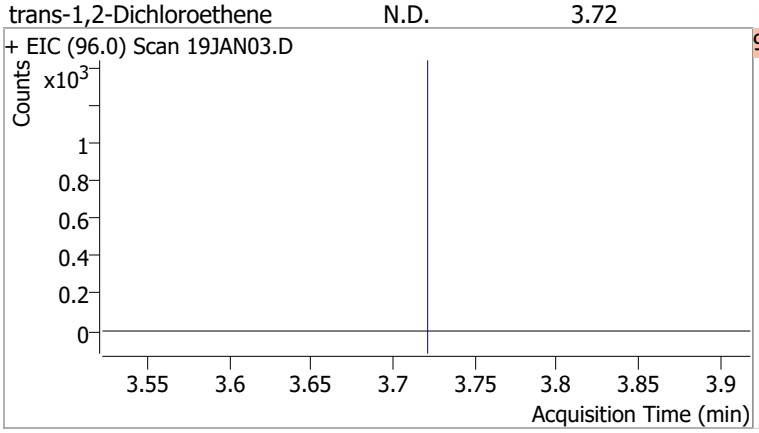
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.7999	3.34	0.01	2137 (m)	84.0	76.7	36.1	96.1
					86.0	32.8	11.8	71.8

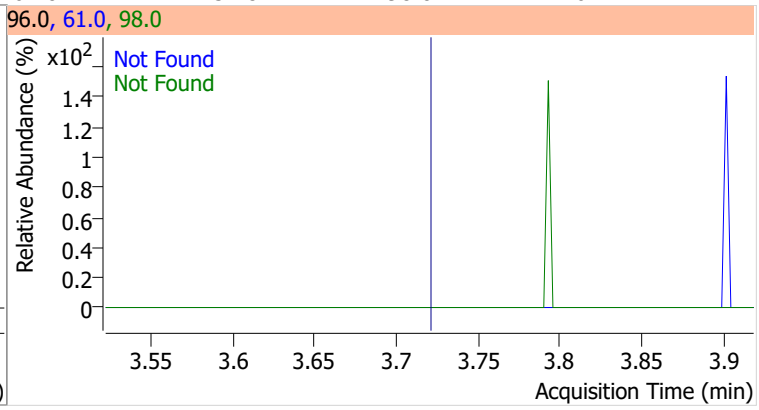




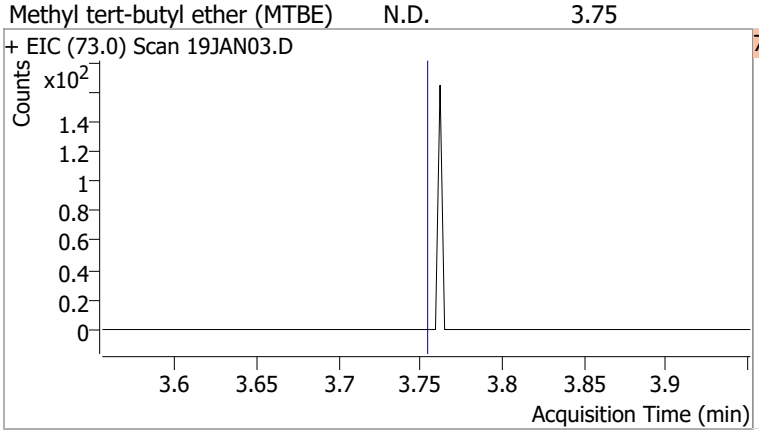


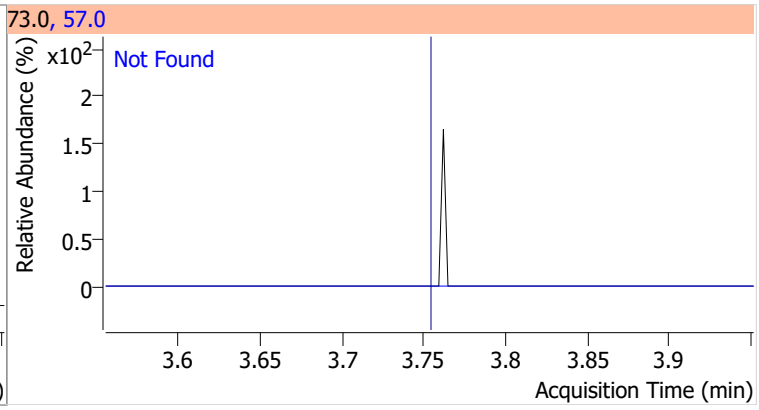
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



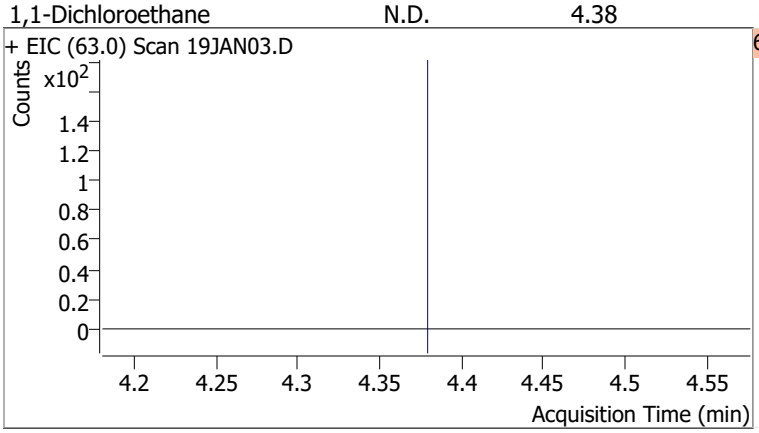


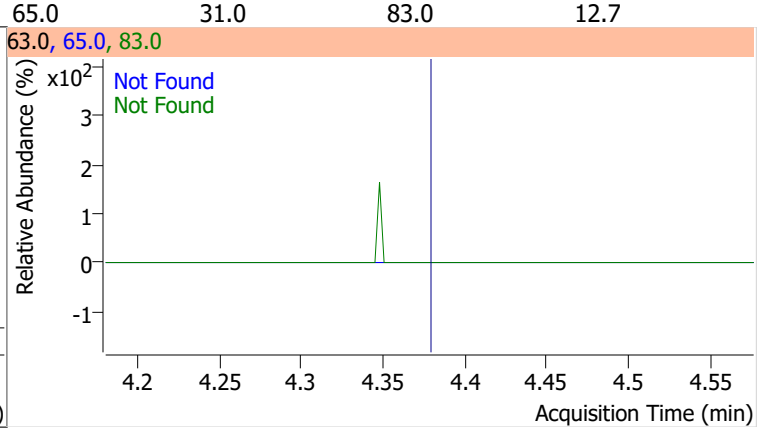
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



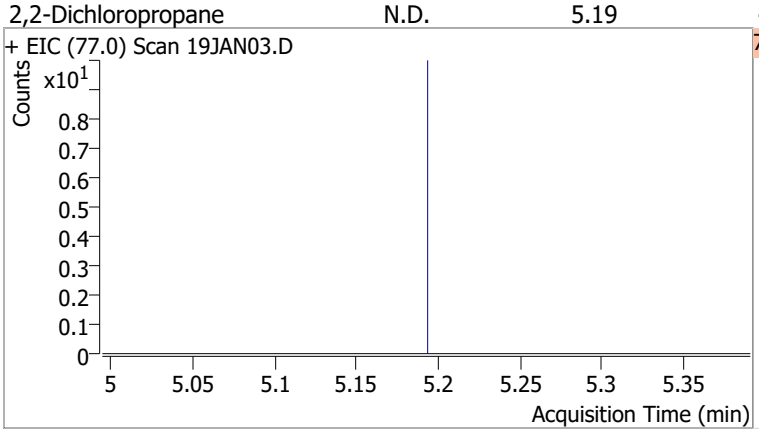


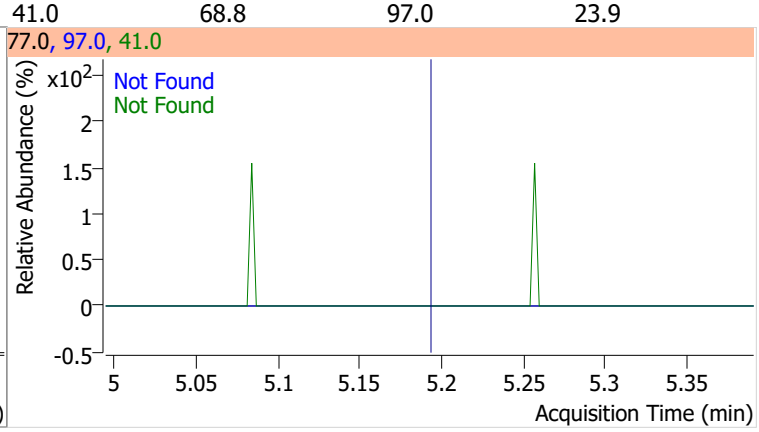
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



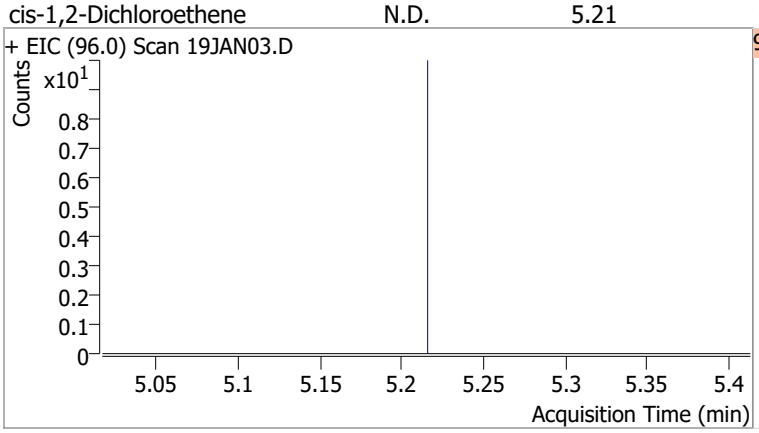


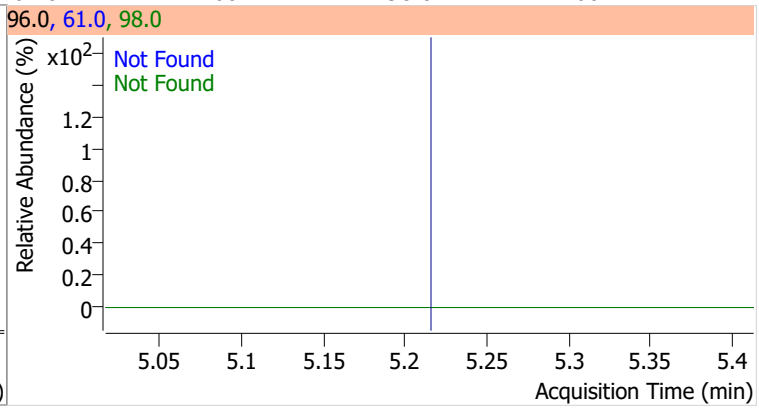
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



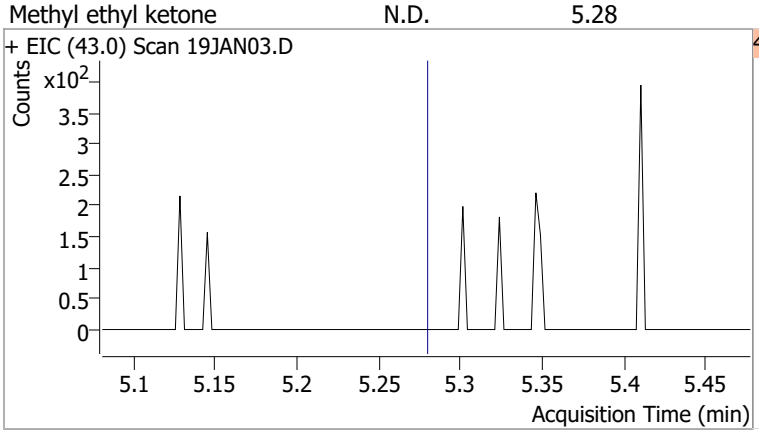


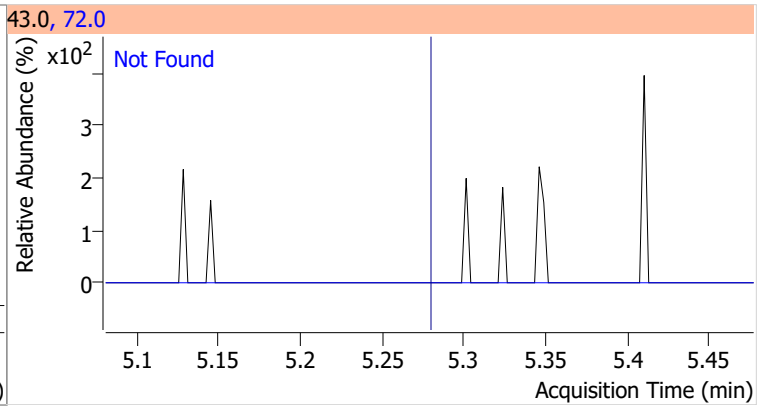
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



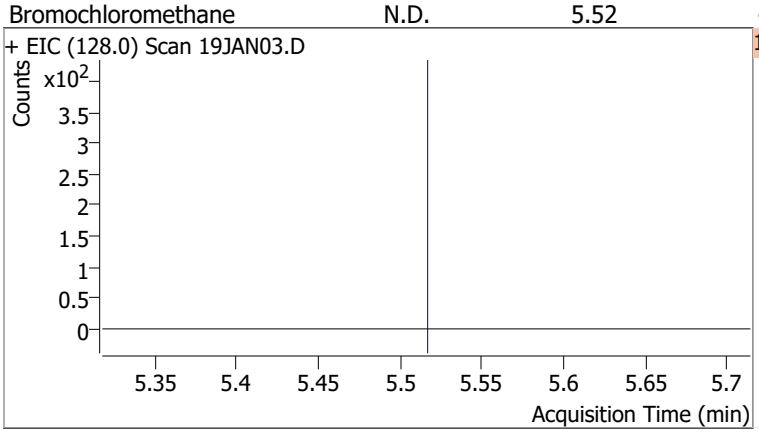


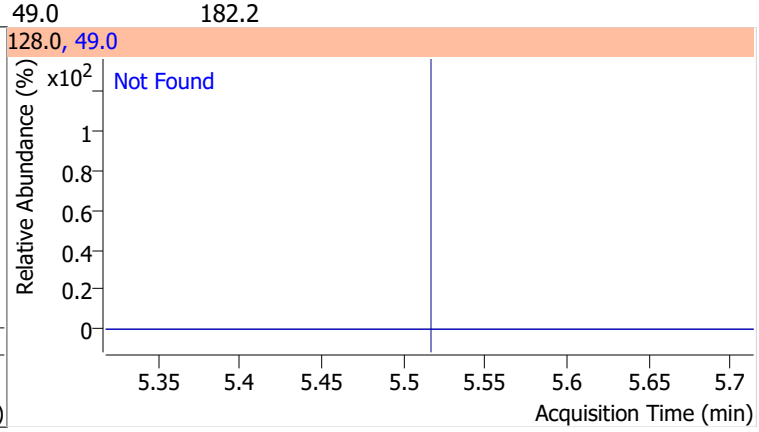
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



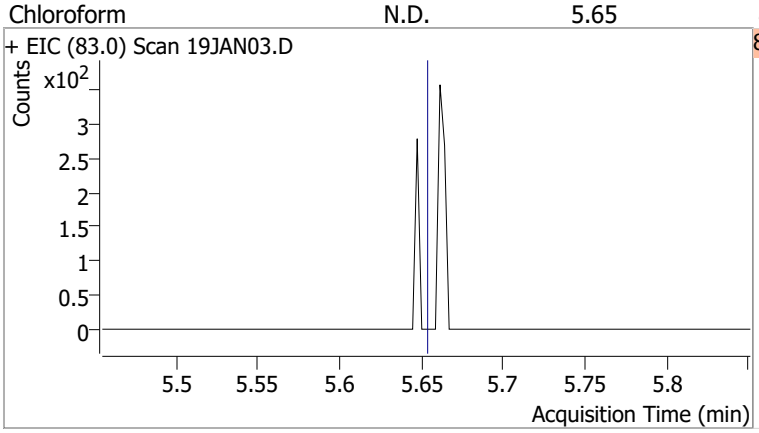


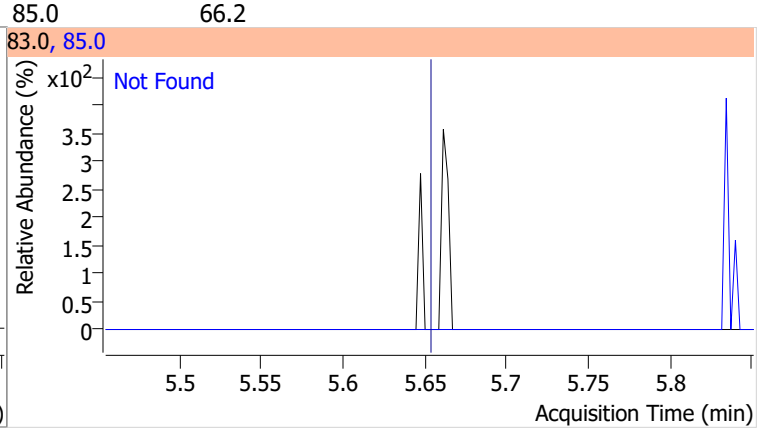
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



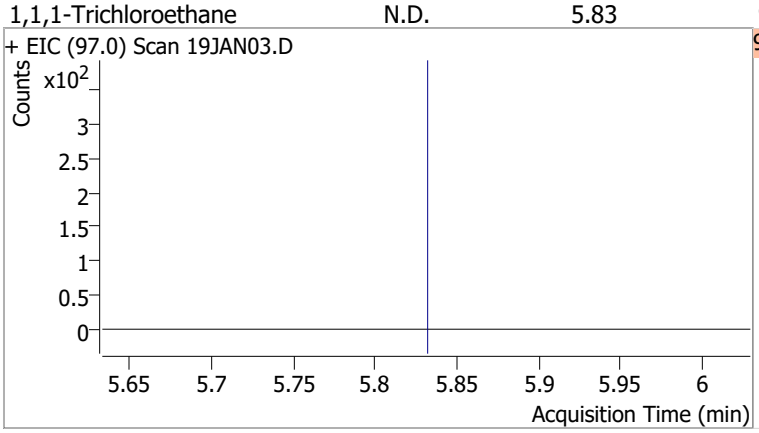


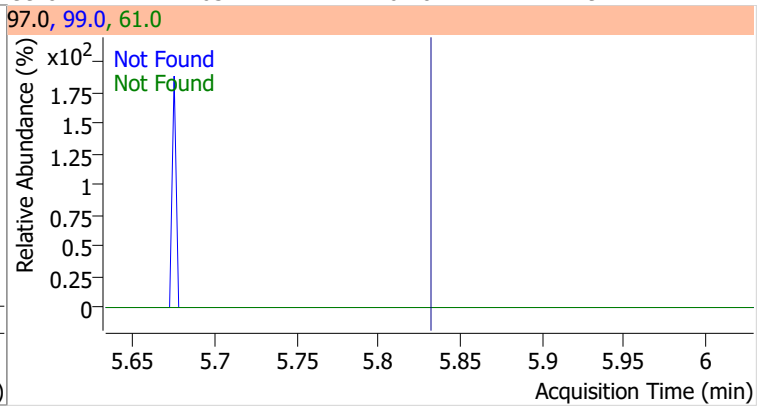
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



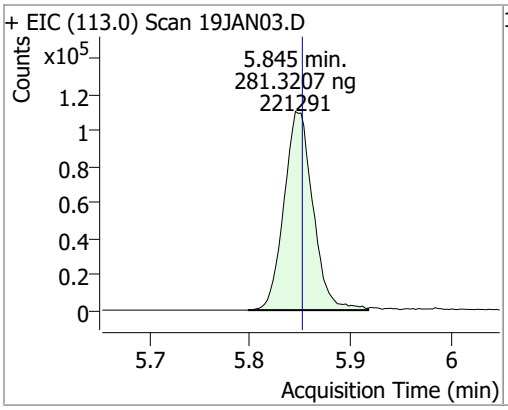


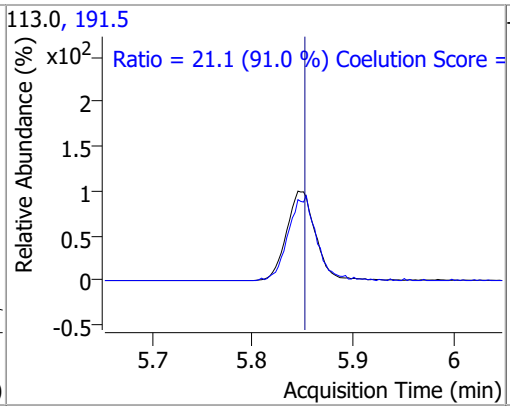
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

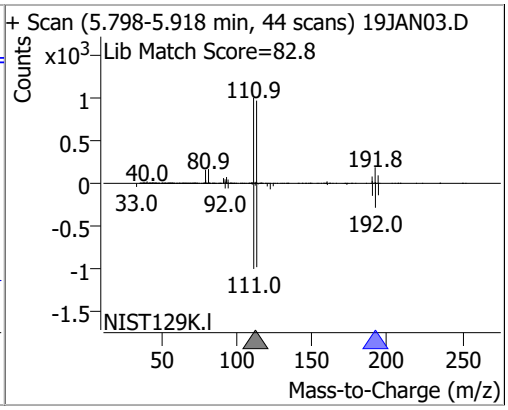




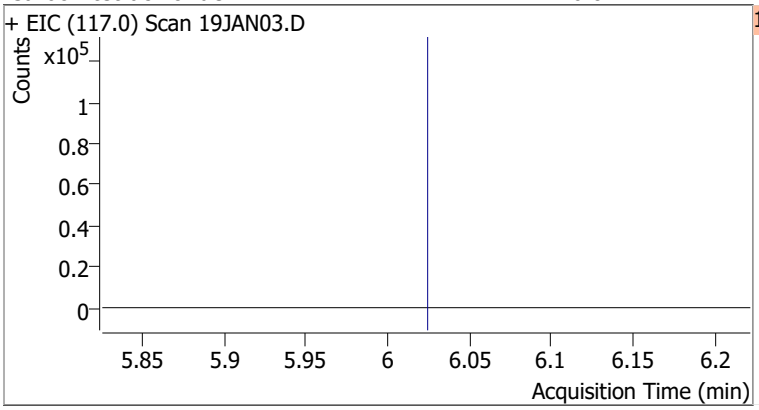
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	281.3207	5.85	-0.01	221291	191.5	21.1	0.0	53.2

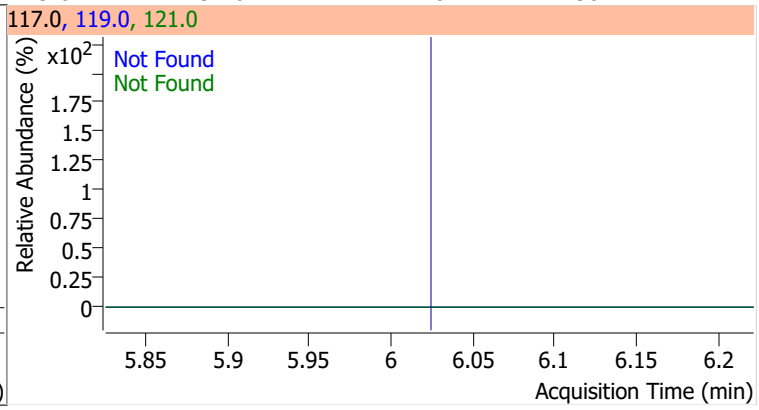




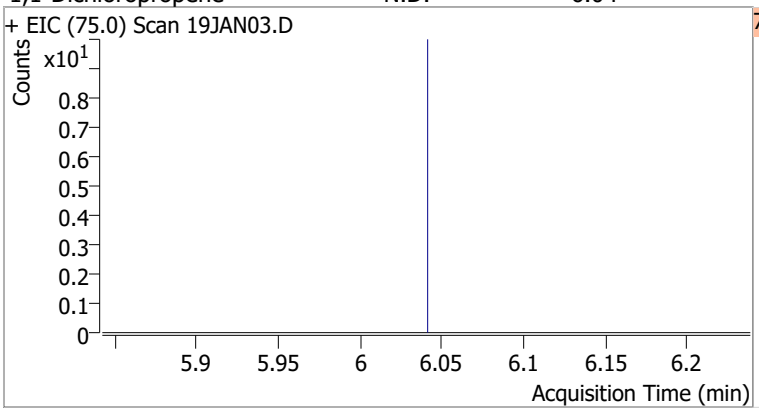


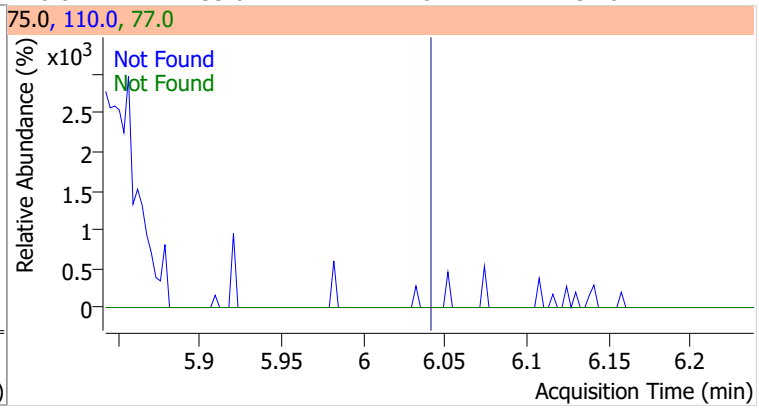
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



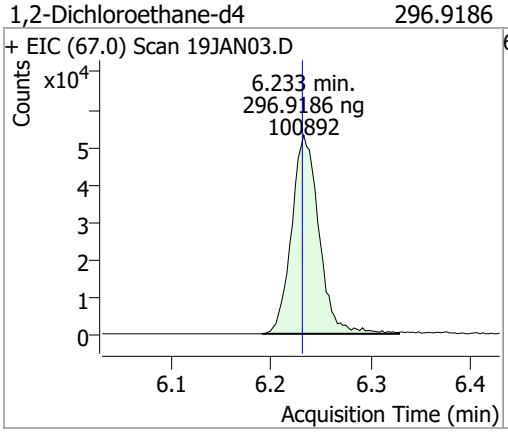


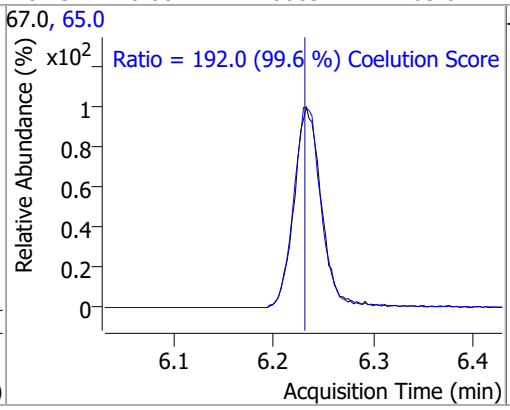
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

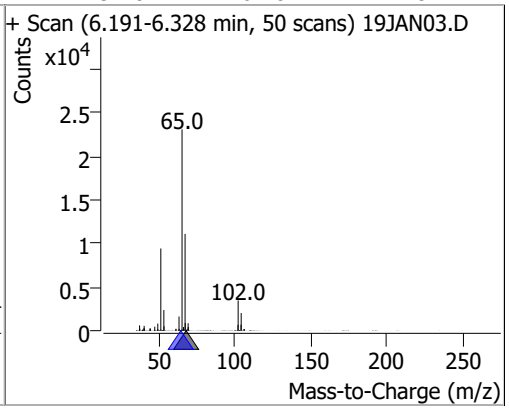




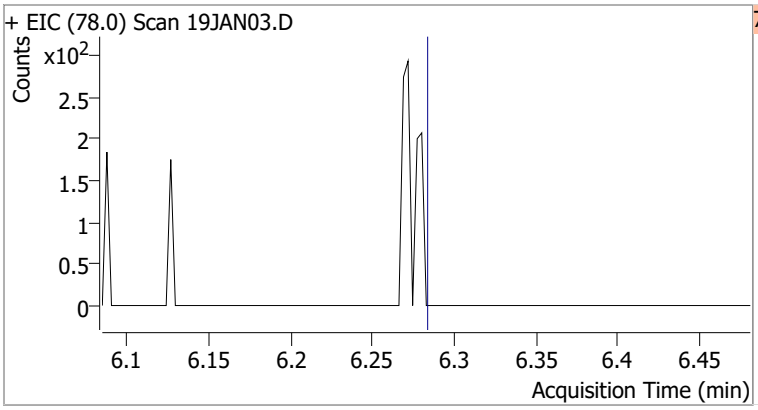
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	296.9186	6.23	0.00	100892	65.0	192.0	162.8	222.8

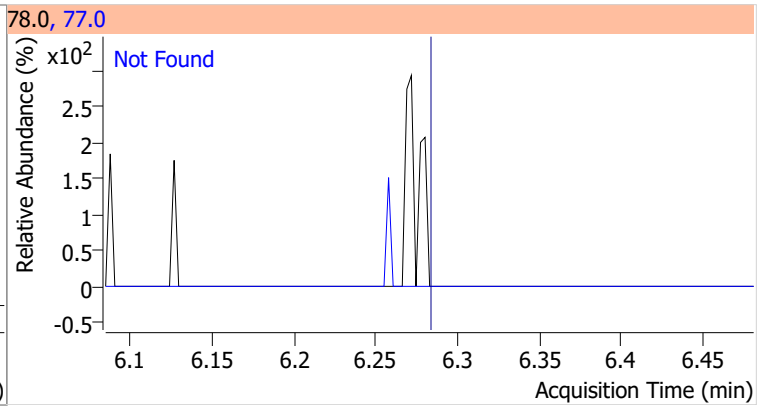




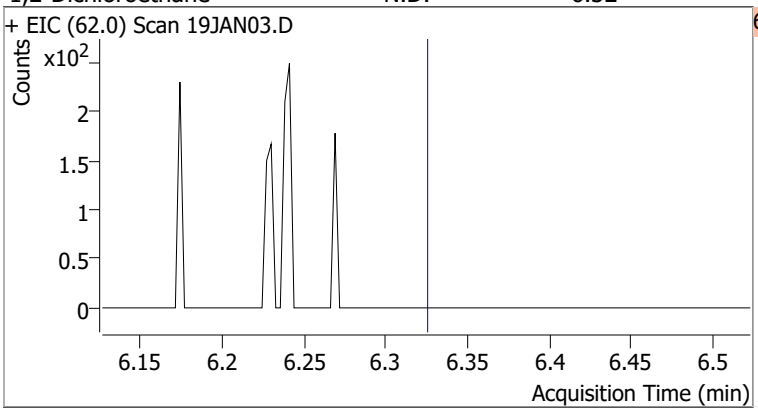


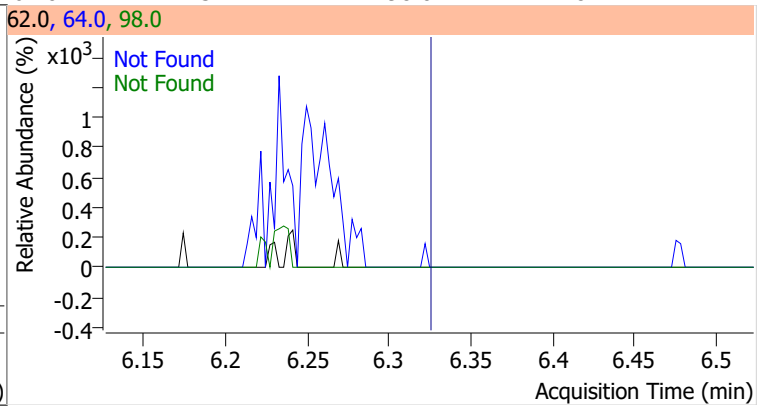
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



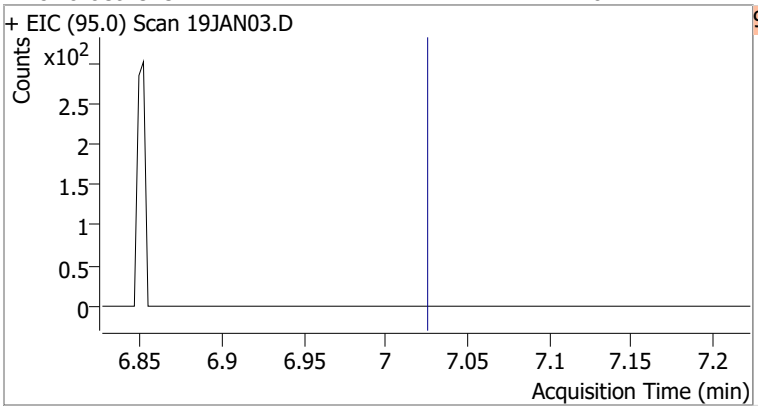


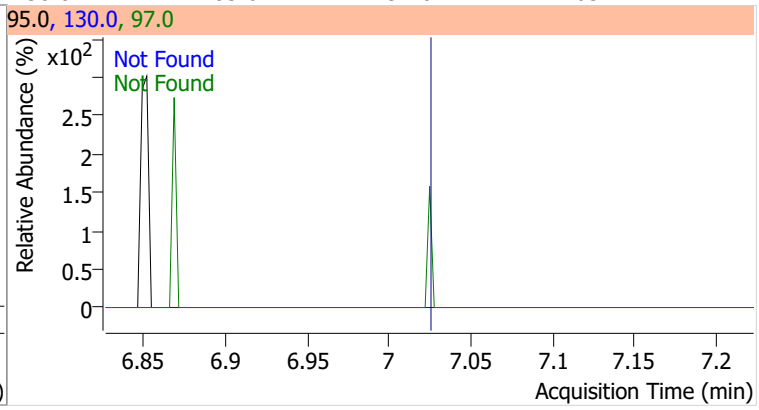
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



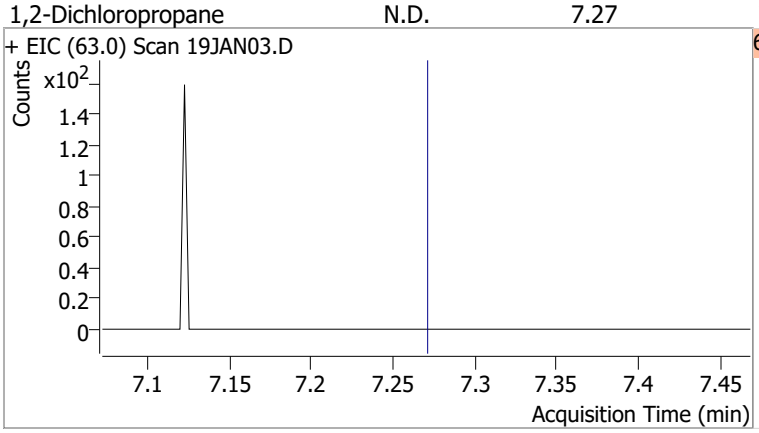


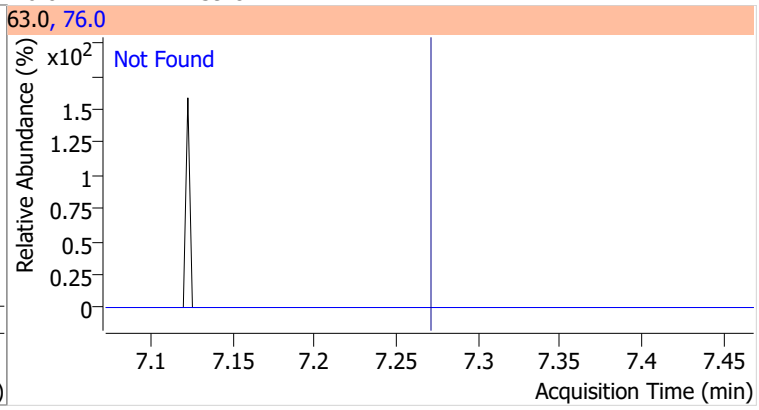
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



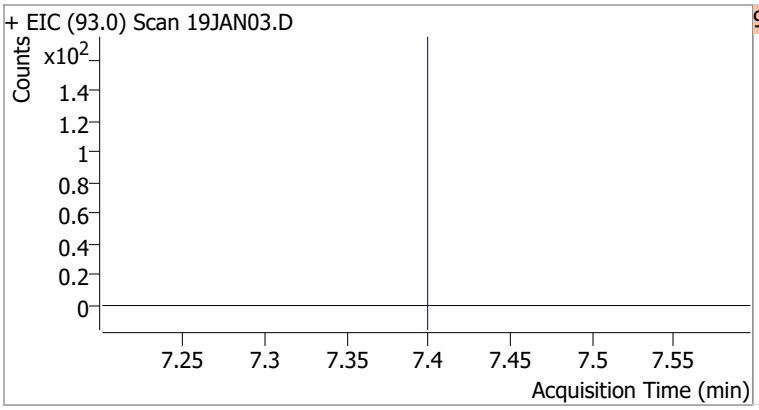


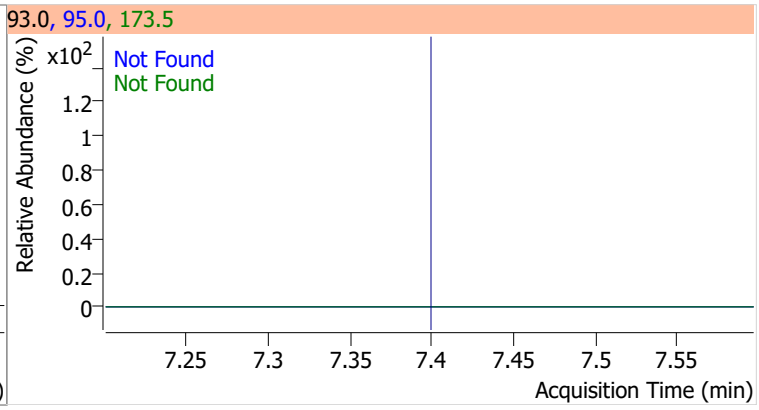
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



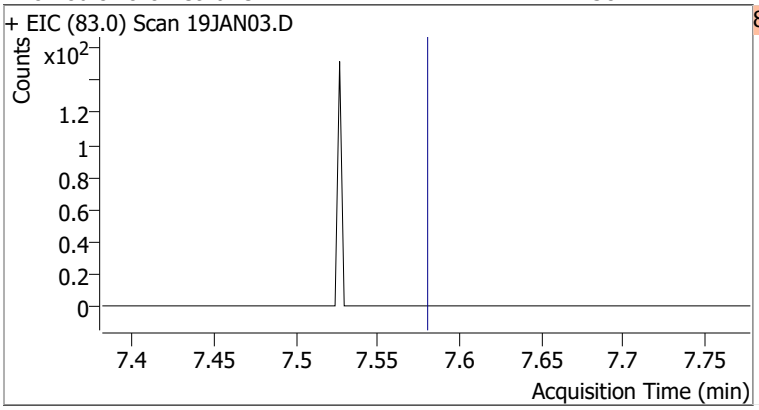


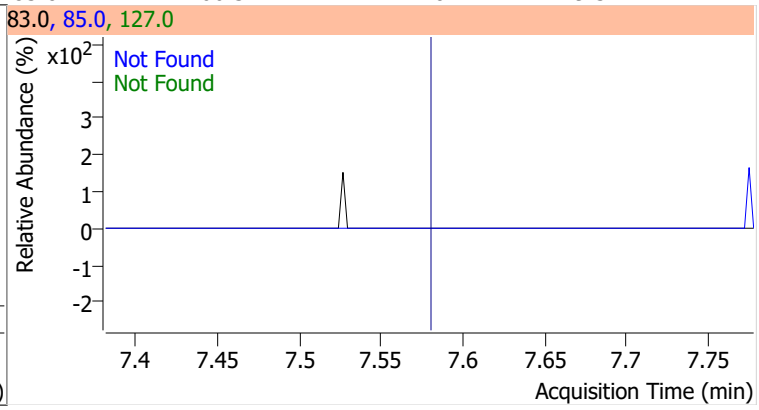
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



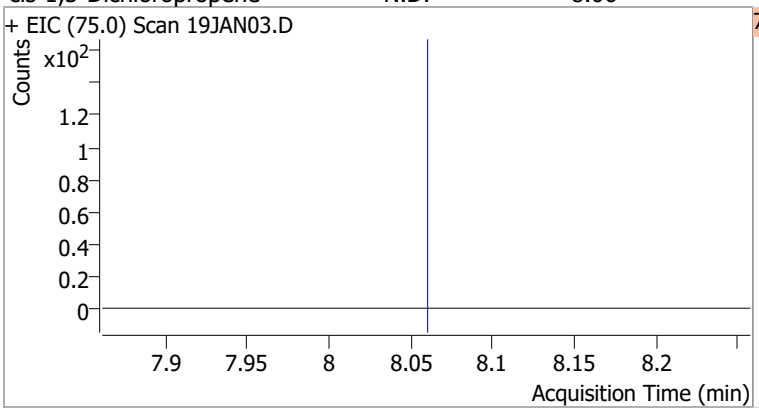


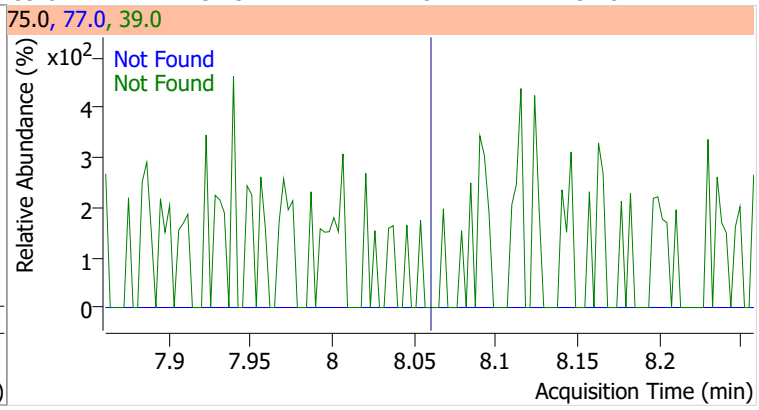
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



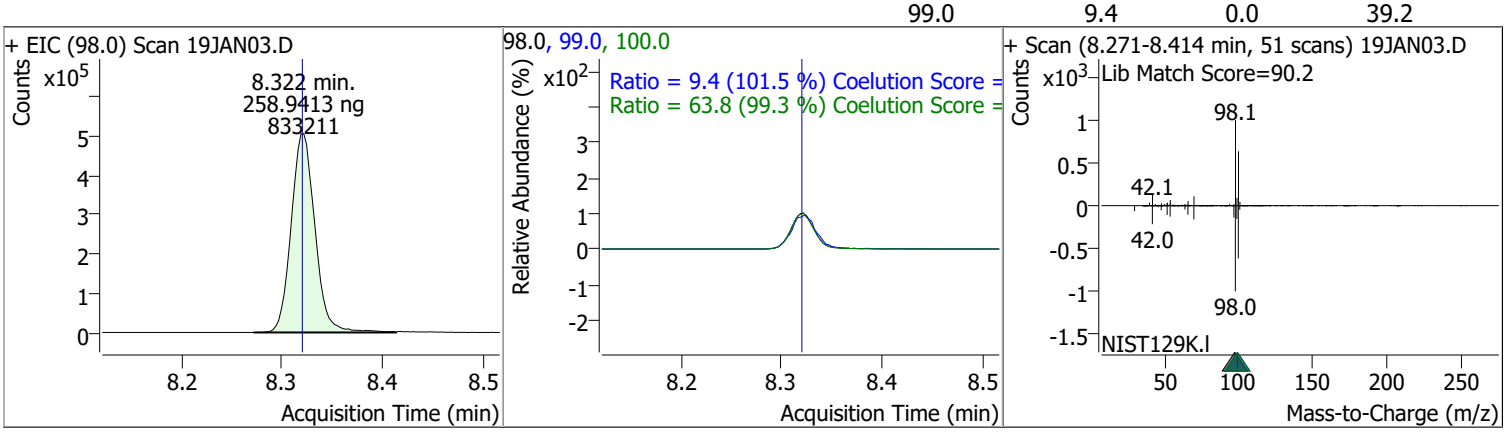


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

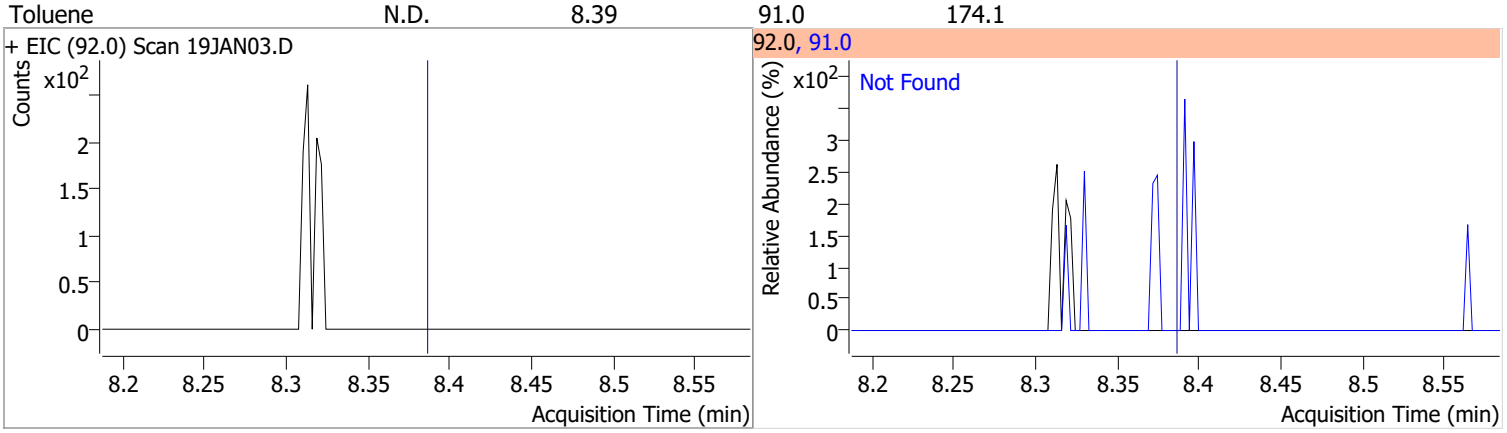




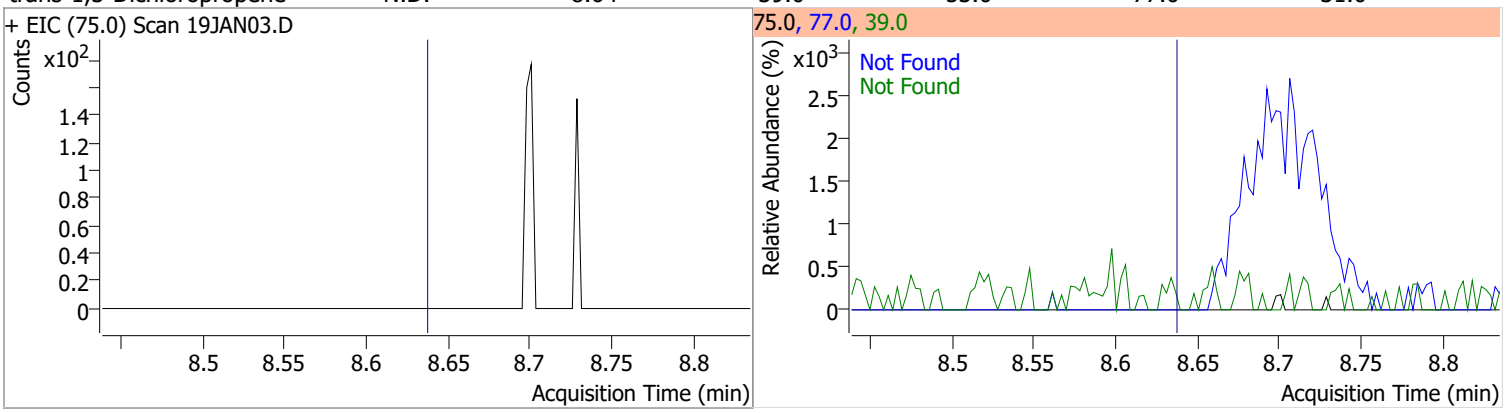
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	258.9413	8.32	0.00	833211	100.0	63.8	34.3	94.3
					99.0	9.4	0.0	39.2



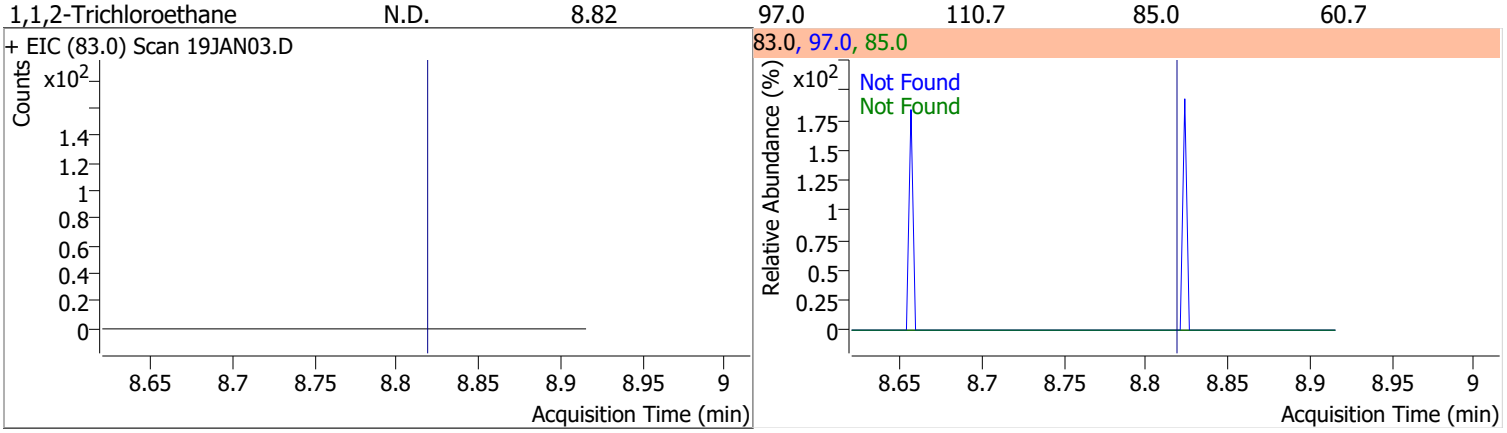
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	174.1



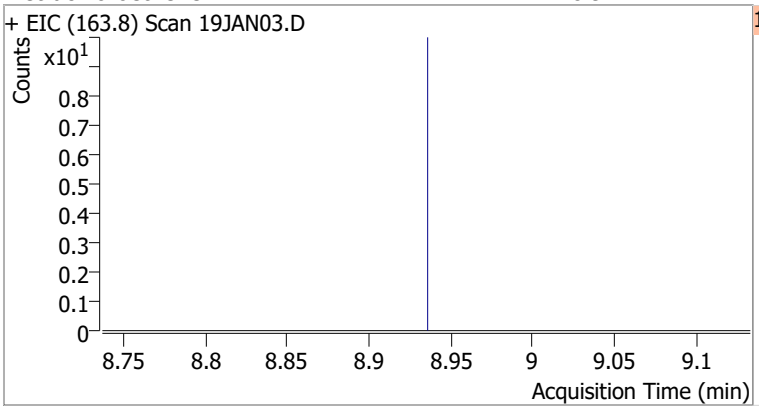
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0

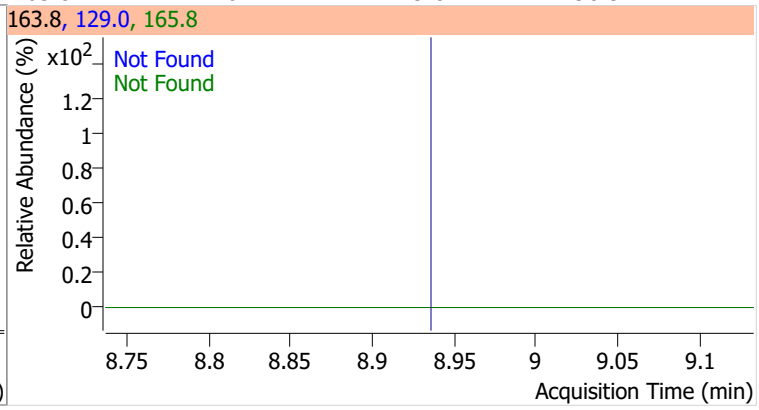


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7

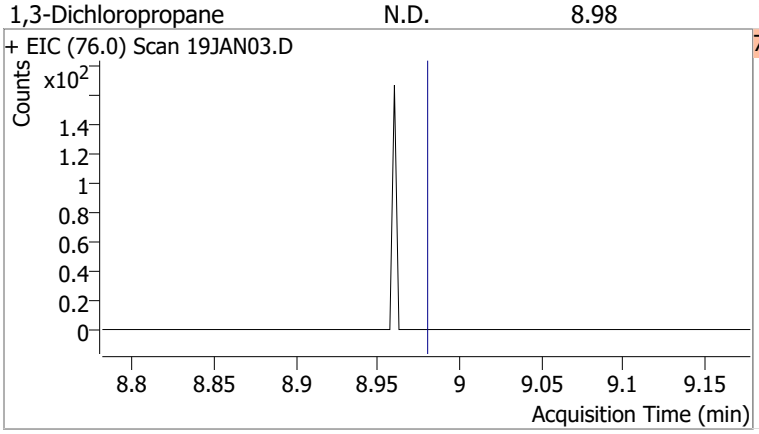


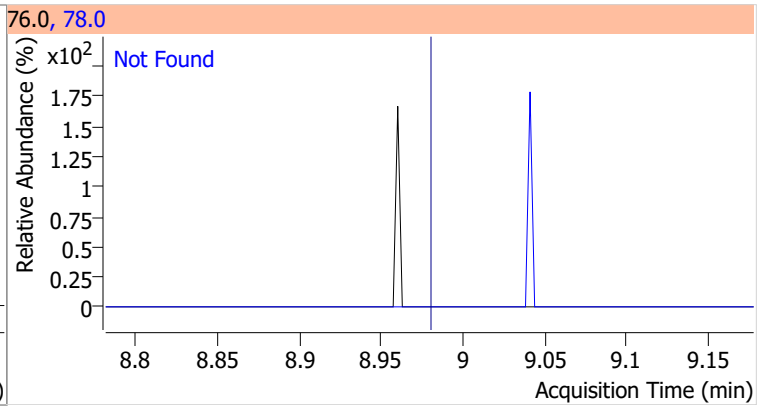
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



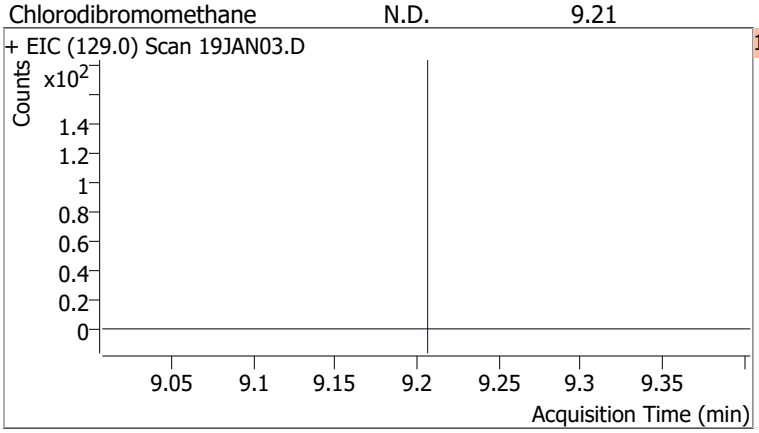


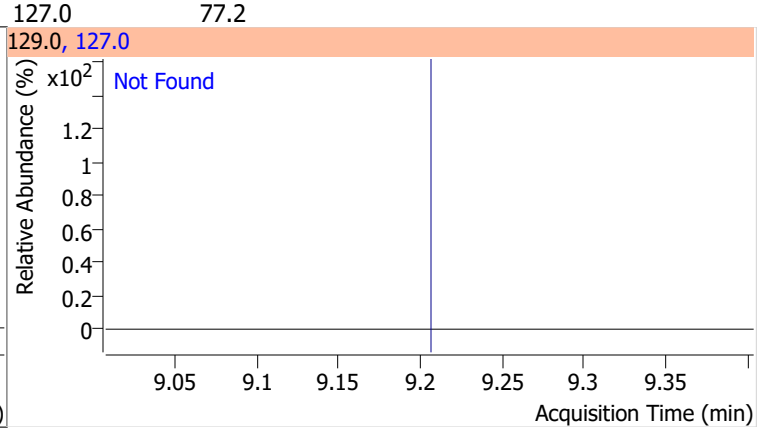
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



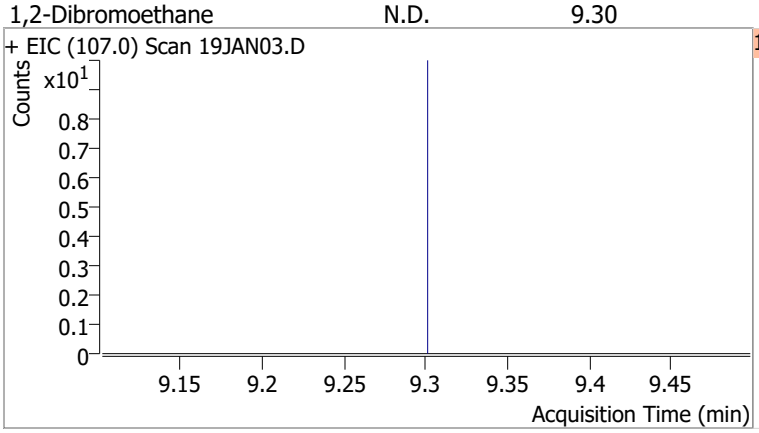


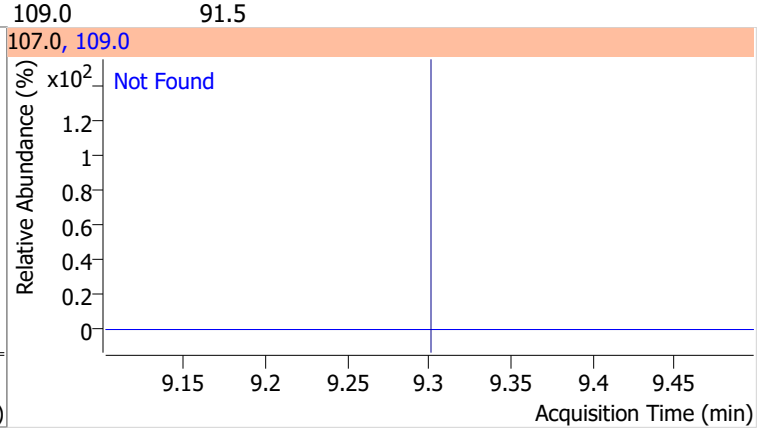
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



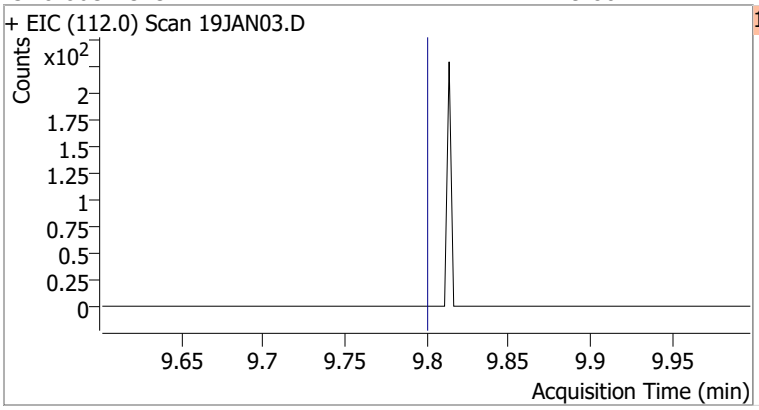


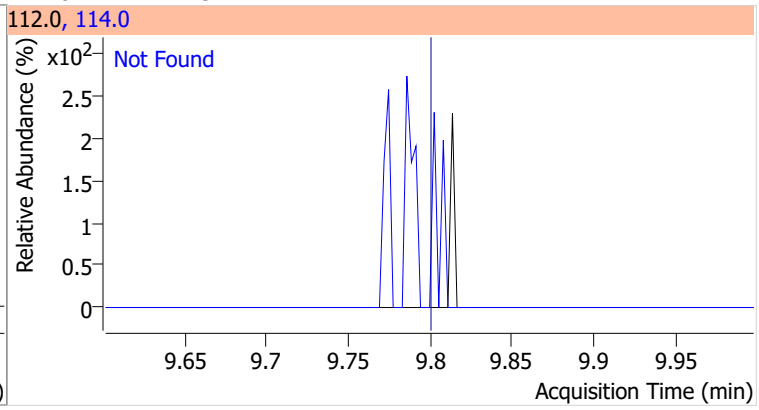
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



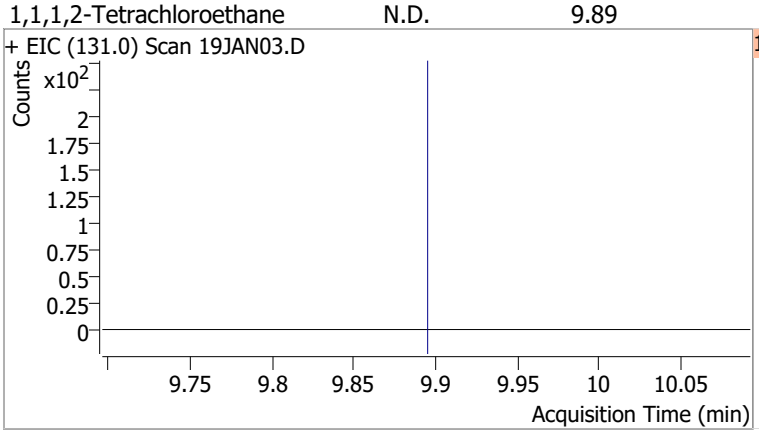


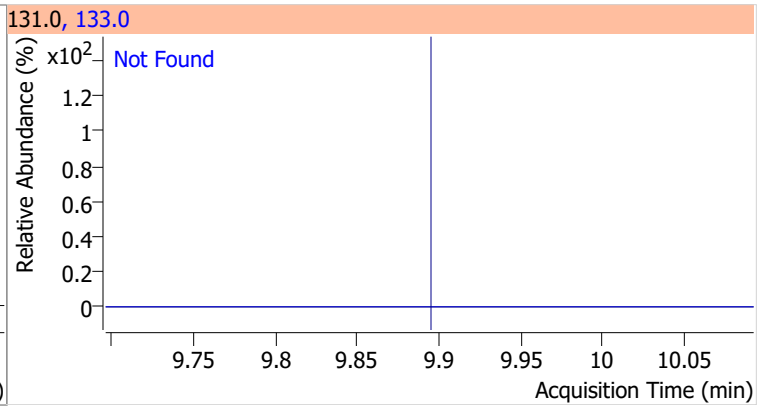
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



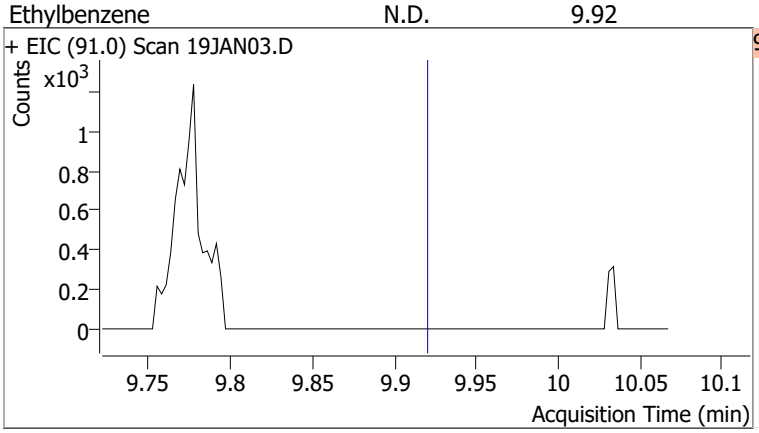


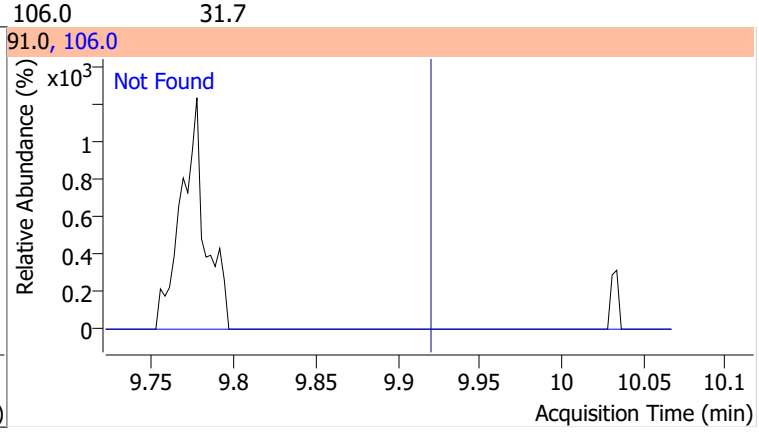
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



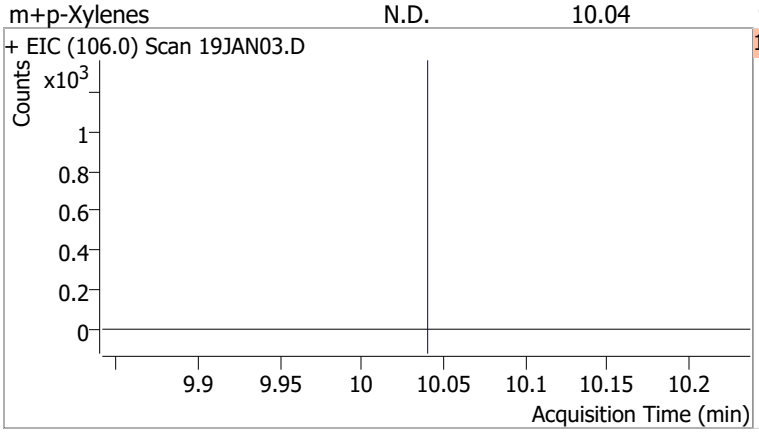


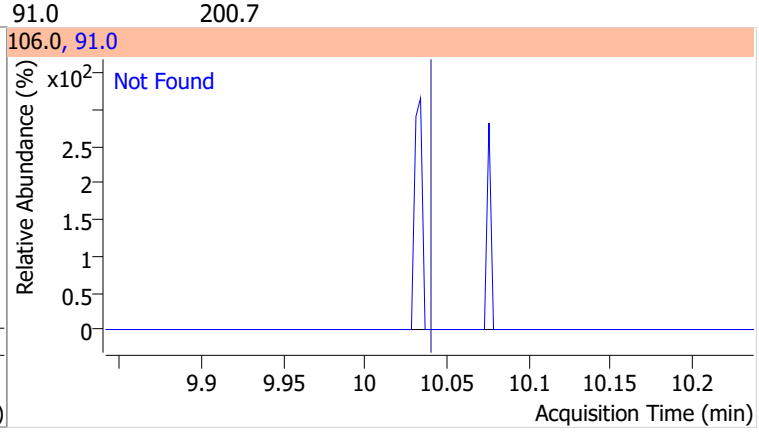
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



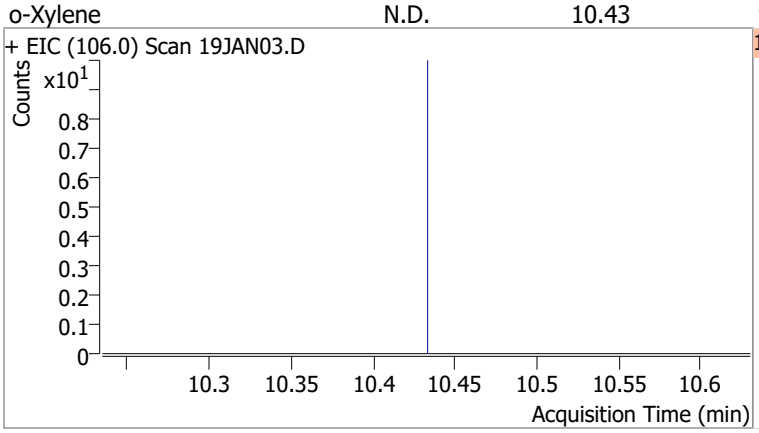


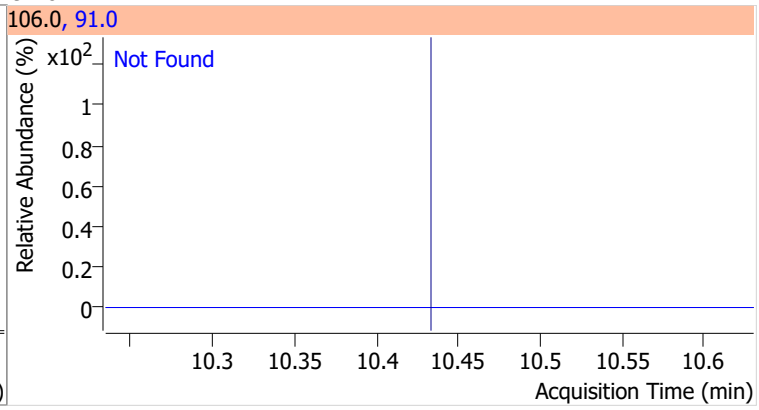
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



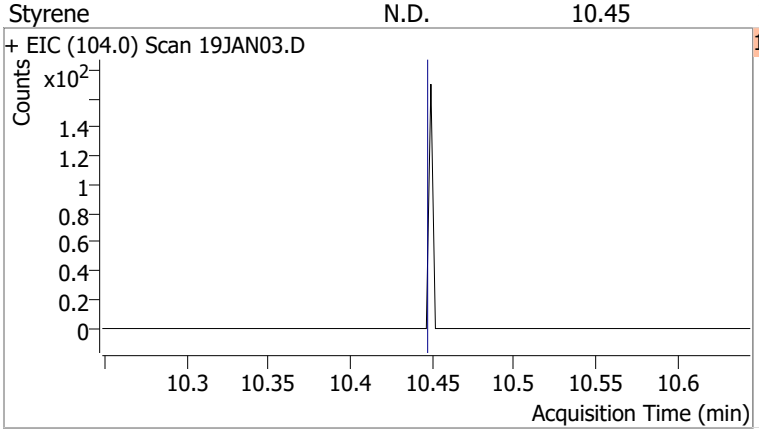


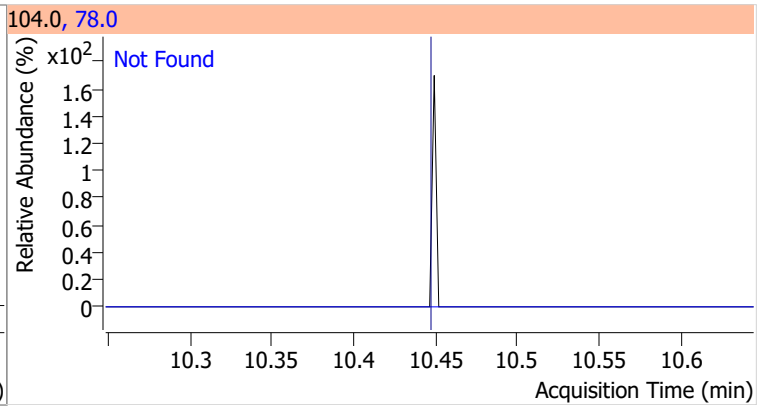
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



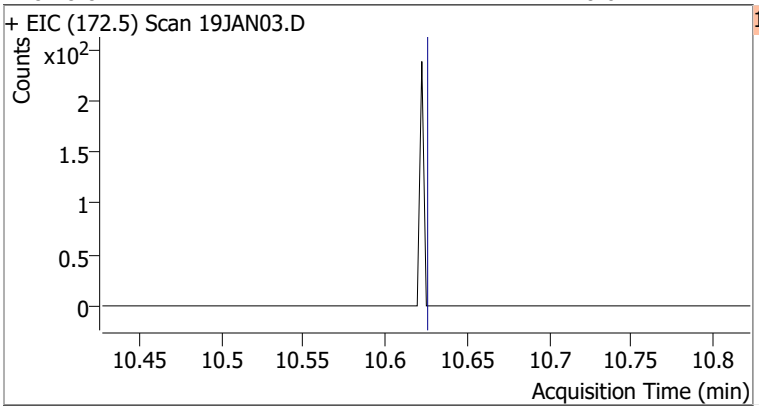


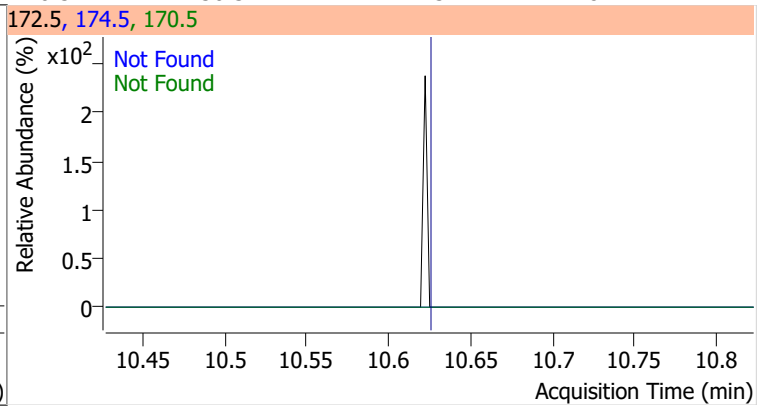
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



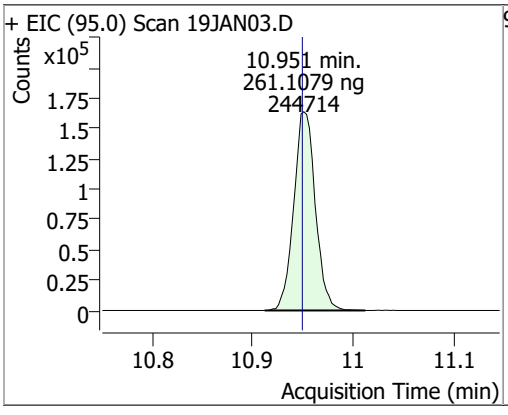


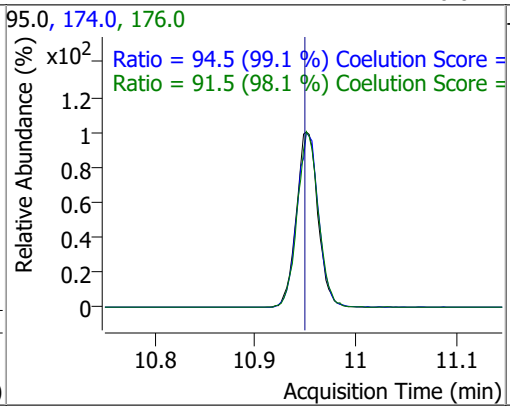
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

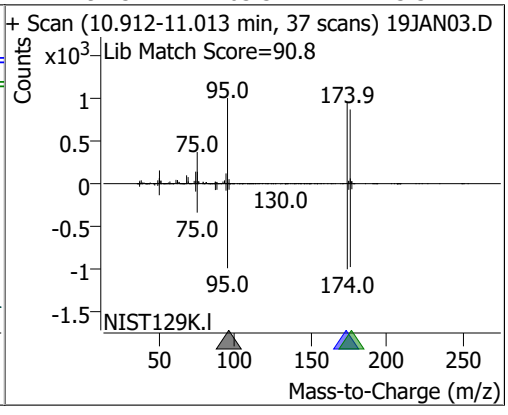




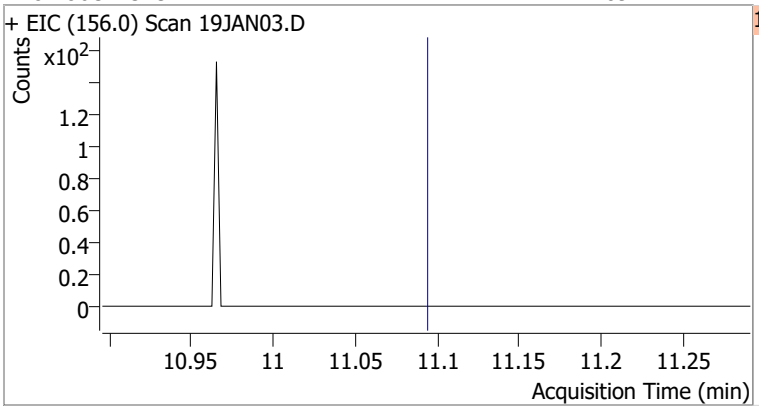
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	261.1079	10.95	0.00	244714	174.0	94.5	65.3	125.3
					176.0	91.5	63.3	123.3

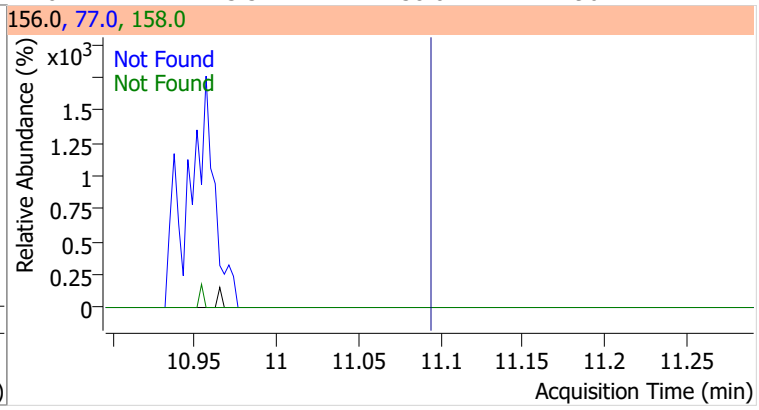




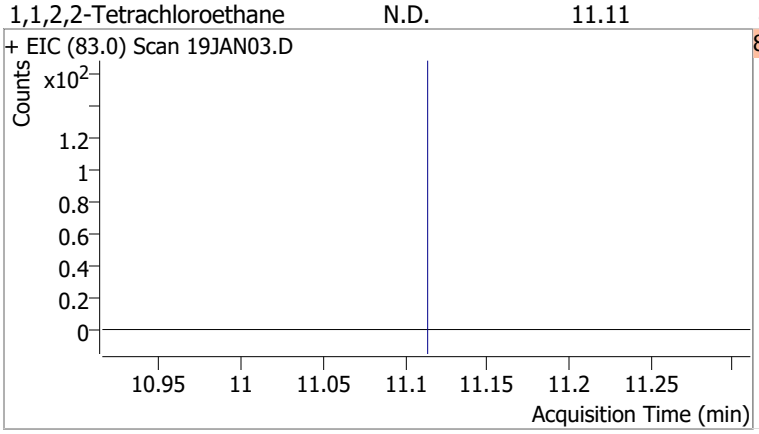


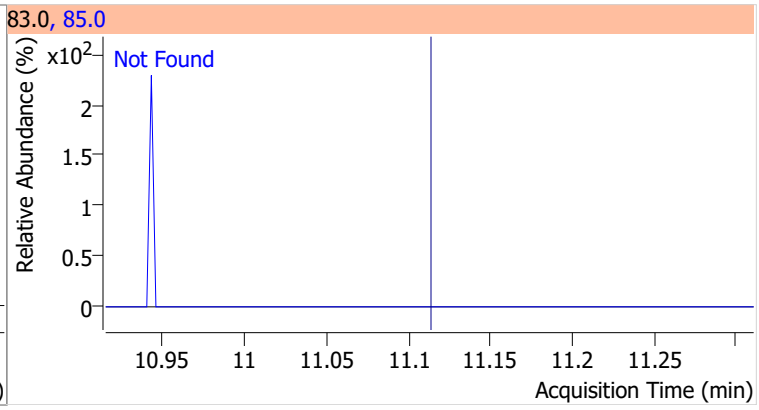
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



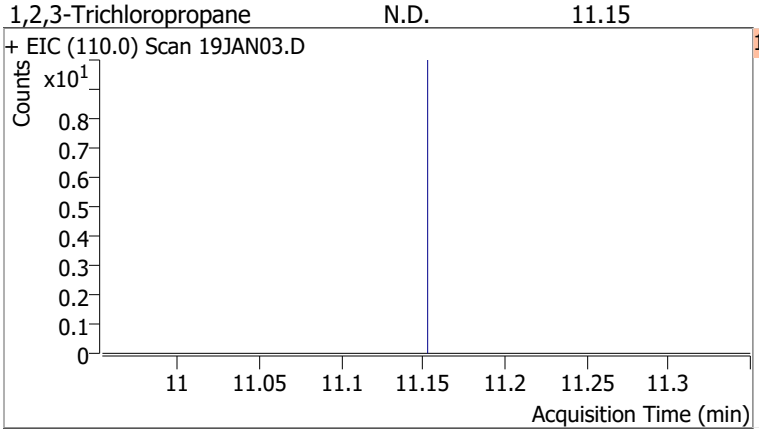


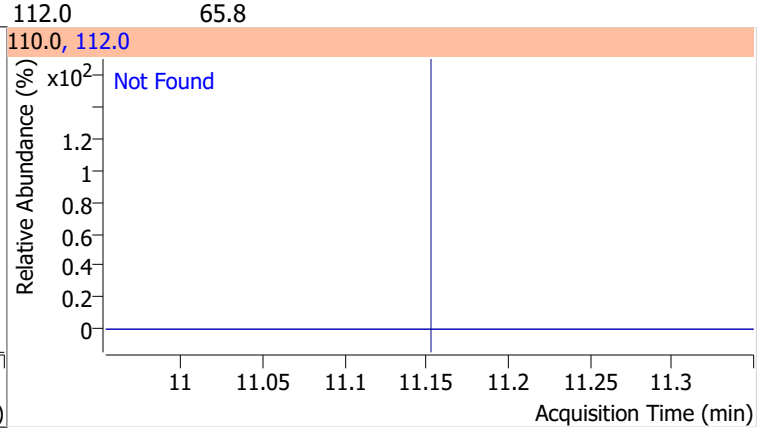
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



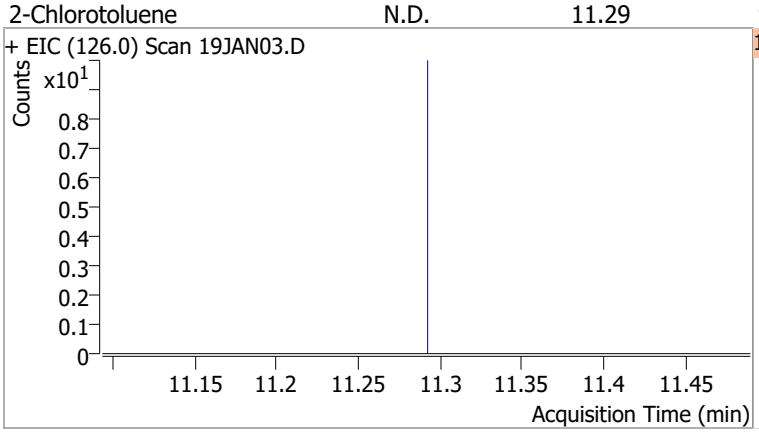


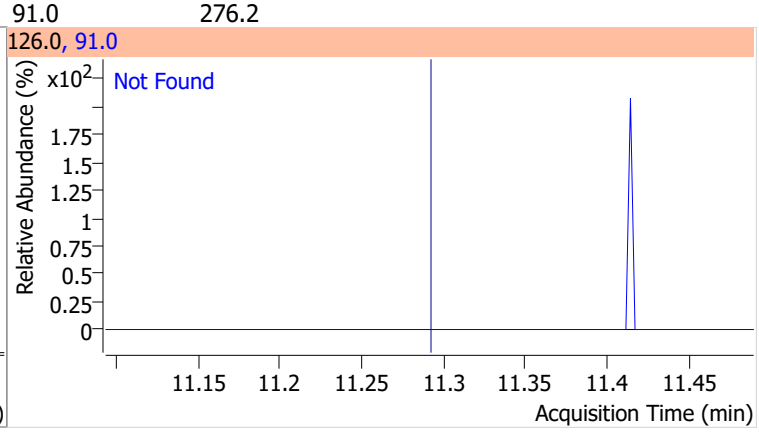
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



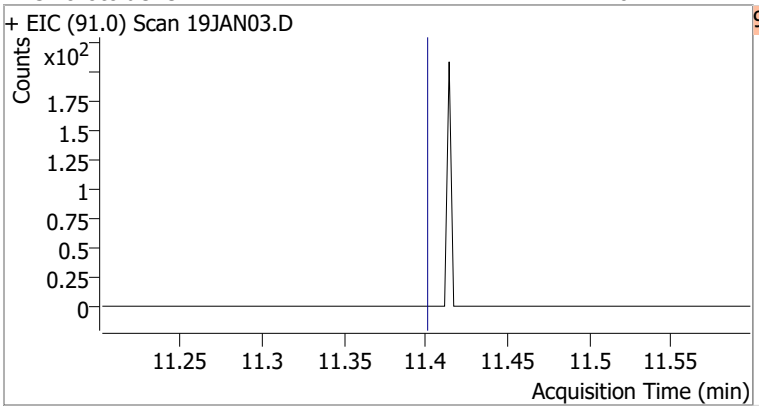


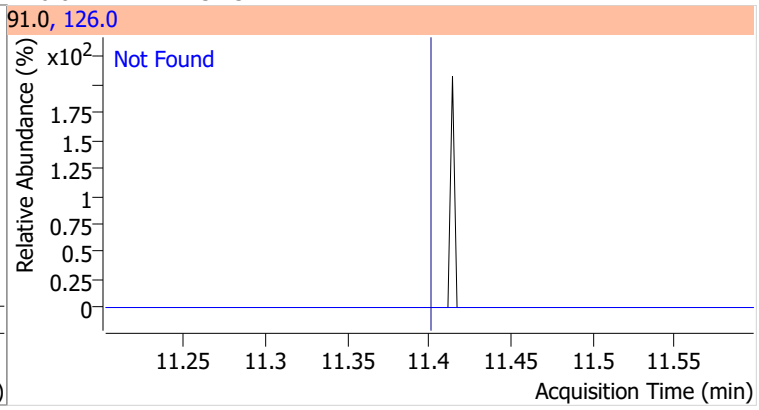
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



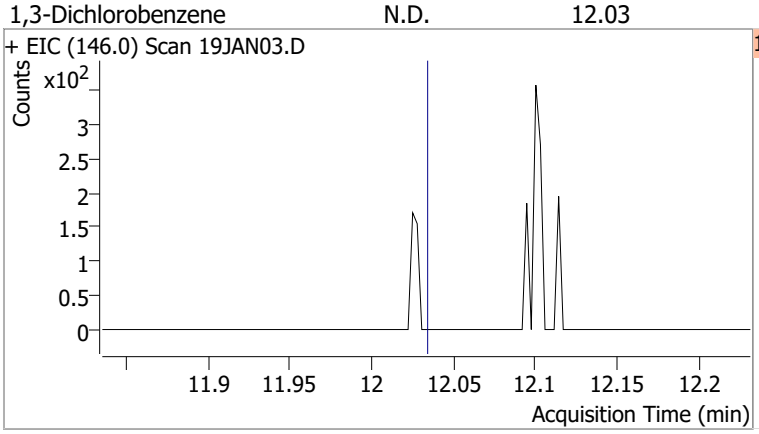


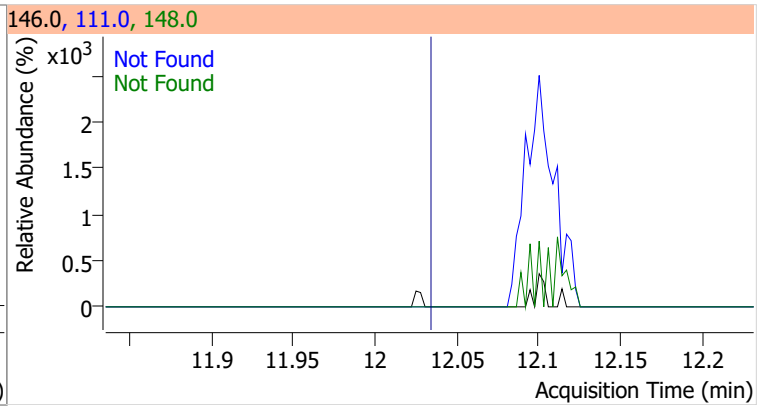
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



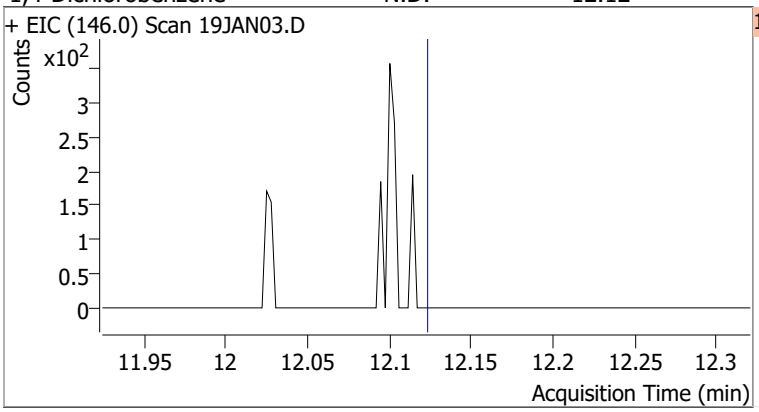


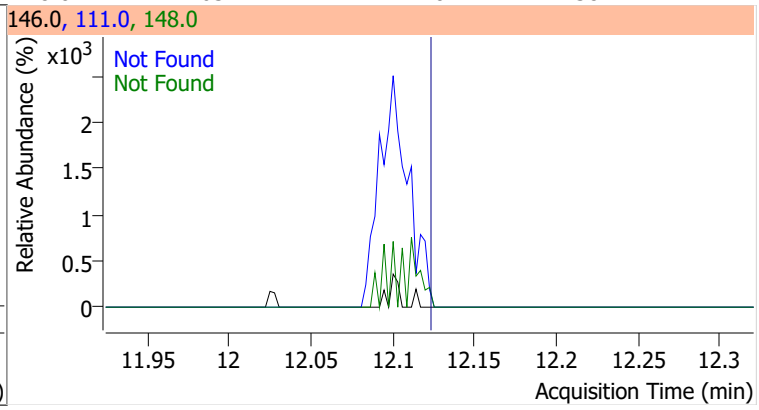
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



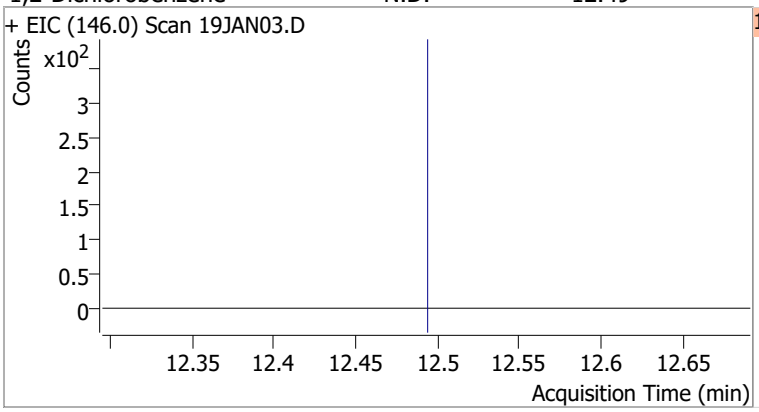


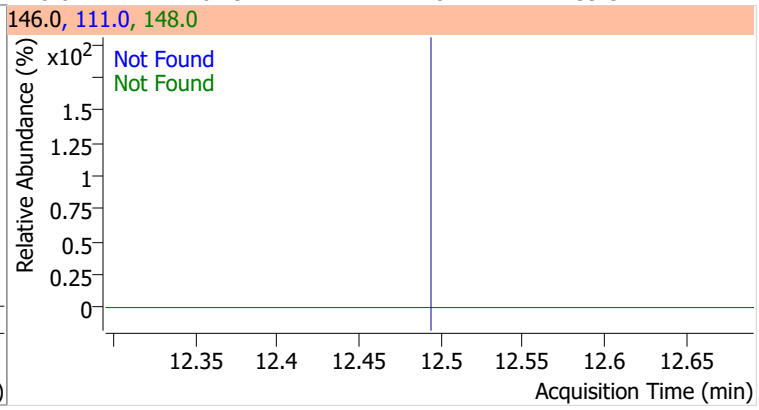
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5

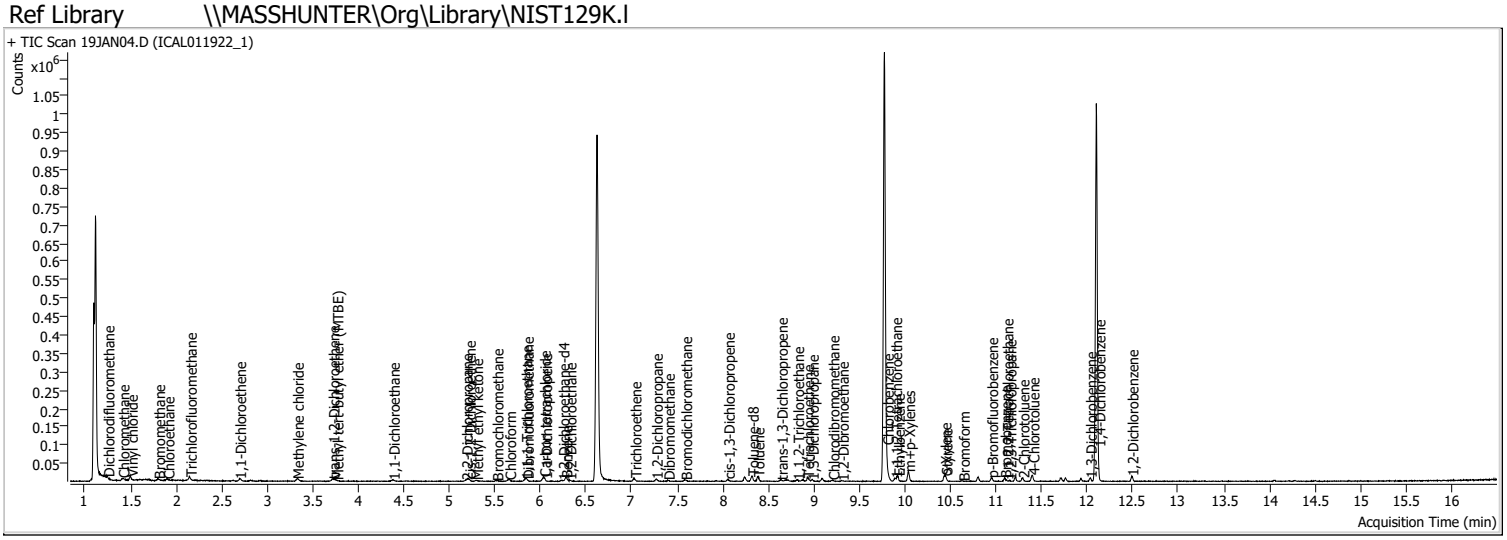




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	19JAN04.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 10:48:21 AM
Sample Name	ICAL011922_1	Instrument	VOA5975C
Vial	4	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

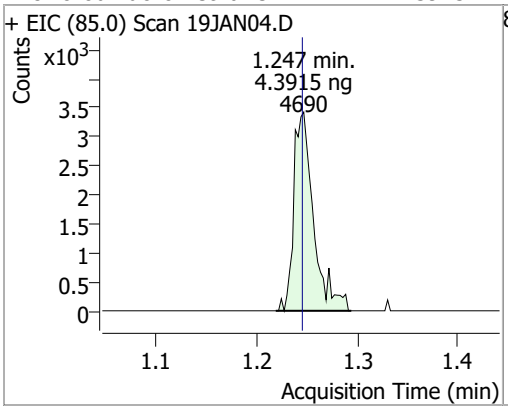


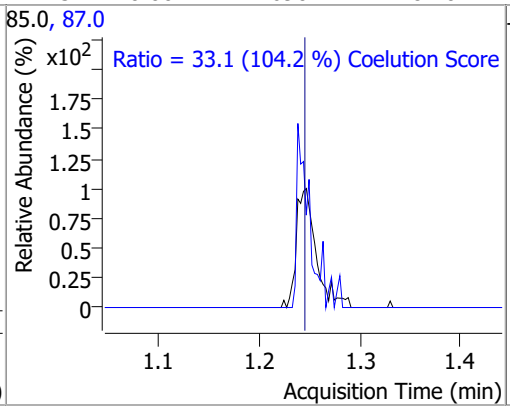
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	794248	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	316490	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	241587	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	2660	3.4579	ng	m	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 1.38%		*	
S 1,2-Dichloroethane-d4	6.241	67.0	979	2.9446	ng	m	0.011
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 1.18%		*	
S Toluene-d8	8.319	98.0	8454	2.7380	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 1.10%		*	
S p-Bromofluorobenzene	10.946	95.0	3195	3.5819	ng		-0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 1.43%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.247	85.0	4690	4.3915	ng		98
T Chloromethane	1.411	50.0	6614	5.2603	ng		94
T Vinyl chloride	1.503	62.0	5818	5.0835	ng		98
T Bromomethane	1.804	96.0	2332	6.7043	ng		90
T Chloroethane	1.905	64.0	2651	4.8967	ng	m	90
T Trichlorofluoromethane	2.150	101.0	6220	4.5322	ng		99
T 1,1-Dichloroethene	2.694	96.0	2342	2.9328	ng		90
T Methylene chloride	3.327	49.0	4701	4.0490	ng		93
T trans-1,2-Dichloroethene	3.717	96.0	2132	2.5845	ng	m	95
T Methyl tert-butyl ether (MTBE)	3.762	73.0	2662	2.5817	ng	m	90
T 1,1-Dichloroethane	4.378	63.0	4131	2.6757	ng		87
T 2,2-Dichloropropane	5.181	77.0	3183	2.7359	ng	m	88
T cis-1,2-Dichloroethene	5.215	96.0	2334	2.7941	ng	m	92
T Methyl ethyl ketone	5.293	43.0	2962	24.5342	ng	m	94
T Bromochloromethane	5.516	128.0	901	2.6151	ng	#m	69
T Chloroform	5.656	83.0	4726	3.0658	ng		88

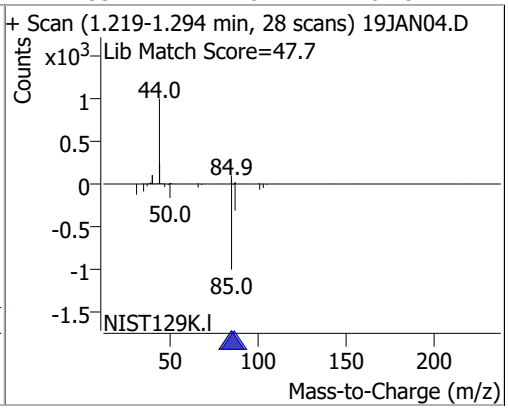
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	3627	2.5502	ng	m	99
T Carbon tetrachloride	6.035	117.0	3586	2.5993	ng	m	92
T 1,1-Dichloropropene	6.052	75.0	2749	2.3833	ng	m	87
T Benzene	6.275	78.0	8357	2.6339	ng		99
T 1,2-Dichloroethane	6.316	62.0	2542	2.9004	ng	m	86
T Trichloroethene	7.030	95.0	2545	2.6860	ng		92
T 1,2-Dichloropropane	7.267	63.0	2351	2.8222	ng		83
T Dibromomethane	7.398	93.0	1166	3.3195	ng	#m	69
T Bromodichloromethane	7.588	83.0	2606	2.6393	ng		88
T cis-1,3-Dichloropropene	8.057	75.0	3052	2.8168	ng		81
T Toluene	8.380	92.0	5454	2.6500	ng		88
T trans-1,3-Dichloropropene	8.639	75.0	2153	2.7242	ng		84
T 1,1,2-Trichloroethane	8.818	83.0	1045	2.6009	ng	m	82
T Tetrachloroethene	8.927	163.8	2190	2.6241	ng		96
T 1,3-Dichloropropane	8.977	76.0	2260	2.7790	ng		90
T Chlorodibromomethane	9.205	129.0	2004	3.0962	ng	m	82
T 1,2-Dibromoethane	9.309	107.0	1089	2.4525	ng	m	91
T Chlorobenzene	9.799	112.0	6152	2.7267	ng		83
T 1,1,1,2-Tetrachloroethane	9.891	131.0	2284	2.8847	ng	m	93
T Ethylbenzene	9.922	91.0	8834	2.9089	ng		95
T m+p-Xylenes	10.036	106.0	6744	6.1738	ng		95
T o-Xylene	10.432	106.0	2826	3.0886	ng		88
T Styrene	10.444	104.0	4834	3.1839	ng		98
T Bromoform	10.633	172.5	928	2.8662	ng	m	68
T Bromobenzene	11.093	156.0	2095	2.6633	ng		97
T 1,1,2,2-Tetrachloroethane	11.116	83.0	1247	2.7802	ng	m	90
T 1,2,3-Trichloropropane	11.149	110.0	358	3.0373	ng	m	70
T 2-Chlorotoluene	11.289	126.0	2035	2.6139	ng		86
T 4-Chlorotoluene	11.400	91.0	5544	2.1986	ng		94
T 1,3-Dichlorobenzene	12.030	146.0	3715	2.6066	ng		94
T 1,4-Dichlorobenzene	12.122	146.0	3952	2.7200	ng		74
T 1,2-Dichlorobenzene	12.488	146.0	3048	2.5616	ng		94

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

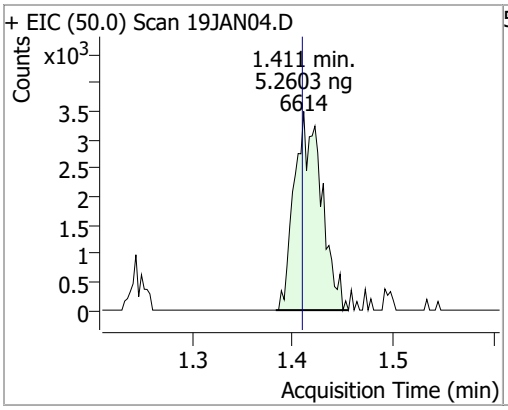
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	4.3915	1.25	0.00	4690	87.0	33.1	1.8	61.8

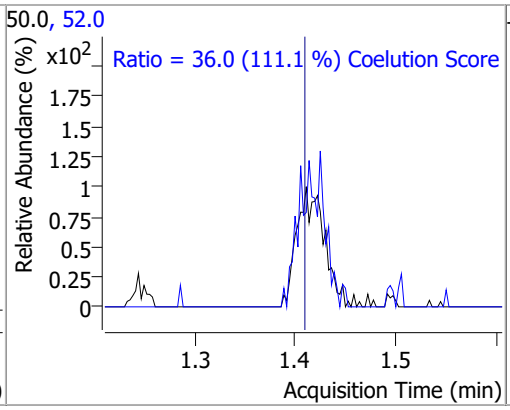


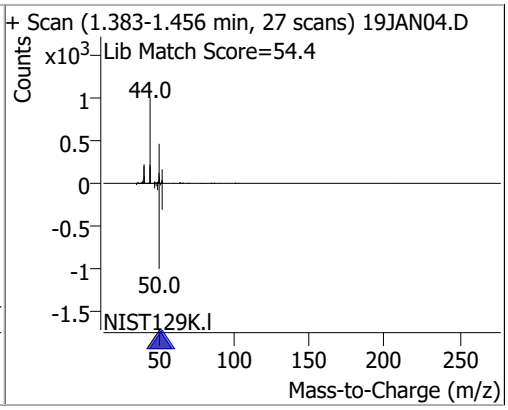




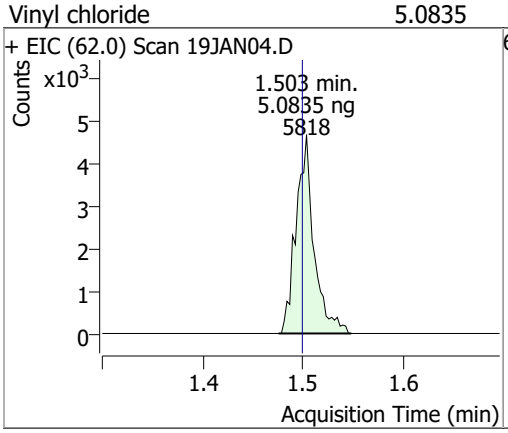
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	5.2603	1.41	0.00	6614	52.0	36.0	2.4	62.4

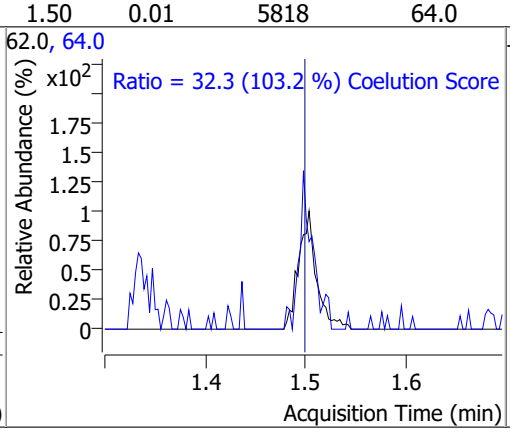


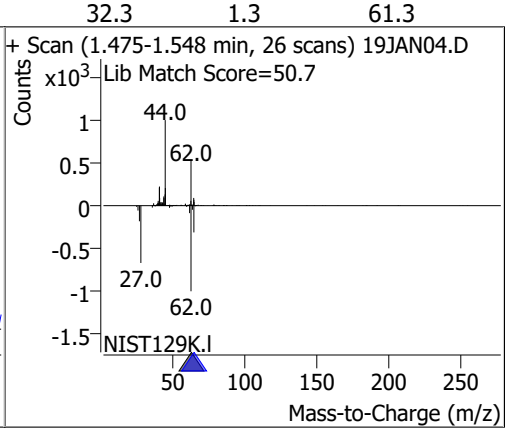




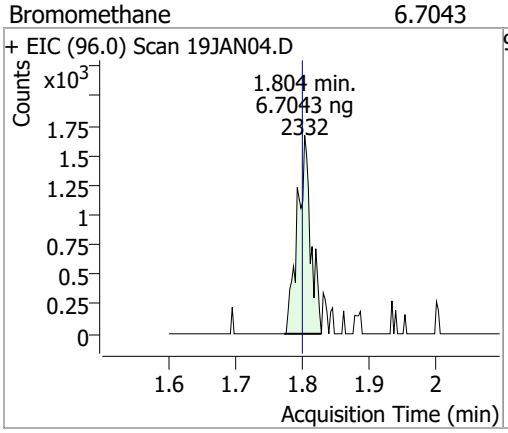
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	5.0835	1.50	0.01	5818	64.0	32.3	1.3	61.3

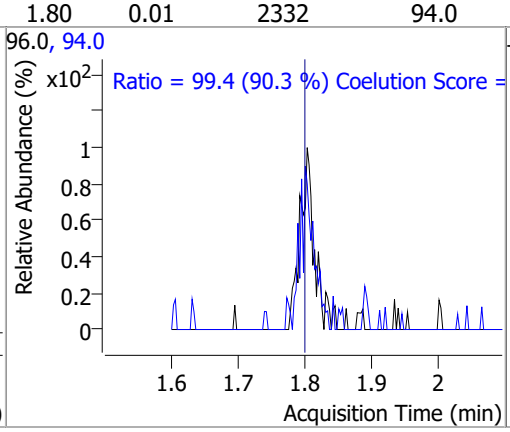


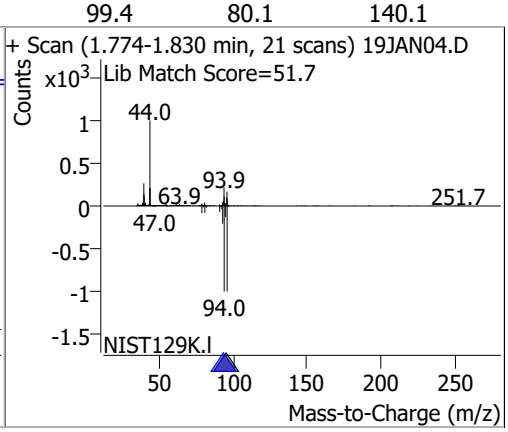




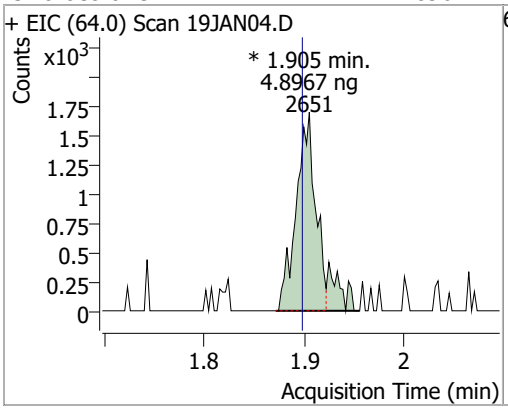
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	6.7043	1.80	0.01	2332	94.0	99.4	80.1	140.1

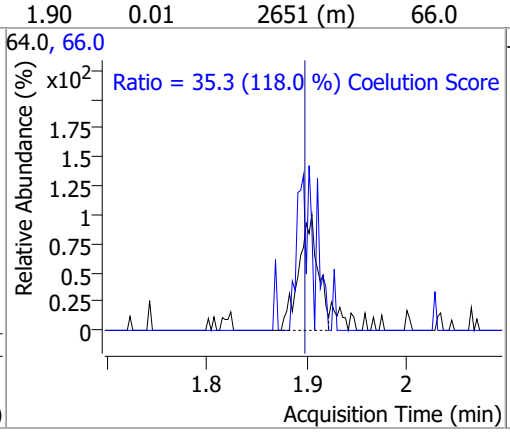


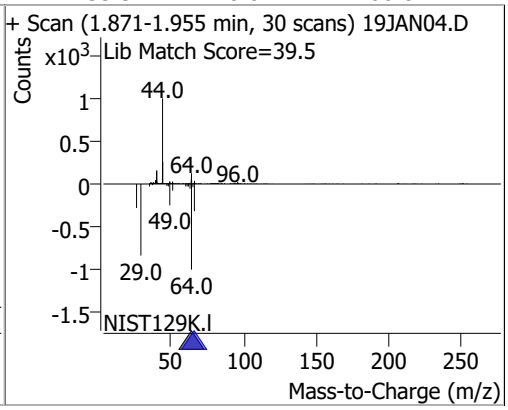




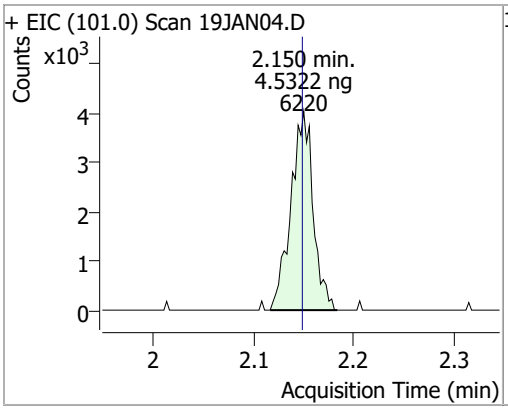
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	4.8967	1.90	0.01	2651 (m)	66.0	35.3	0.0	60.0

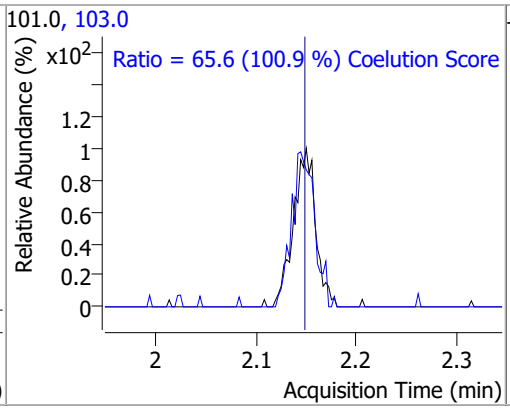


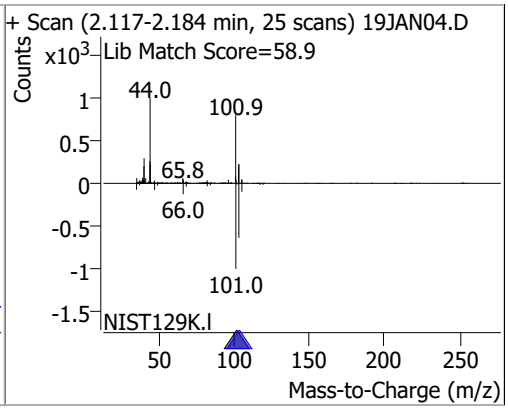




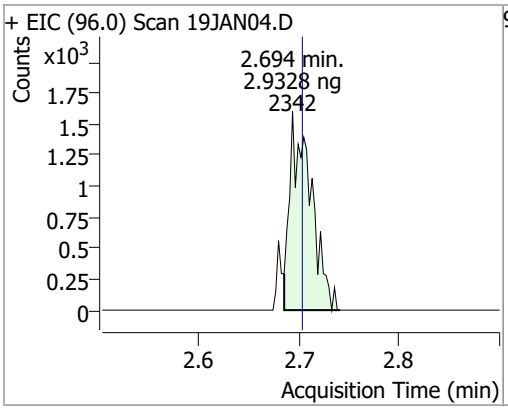
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	4.5322	2.15	0.00	6220	103.0	65.6	35.0	95.0

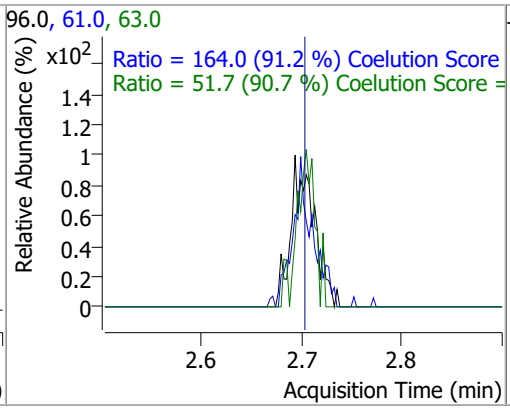


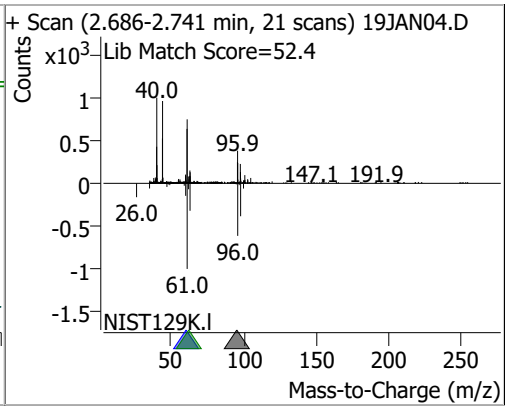




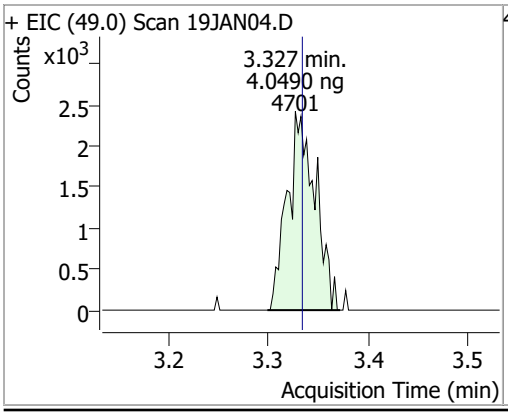
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	2.9328	2.69	-0.01	2342	61.0	164.0	149.9	209.9
					63.0	51.7	27.0	87.0

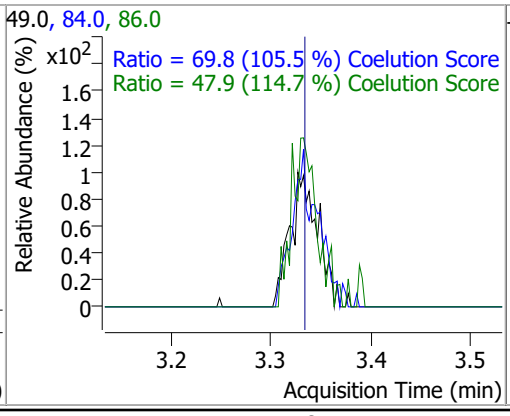


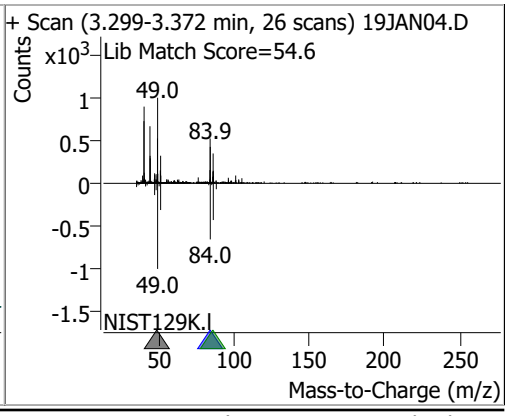




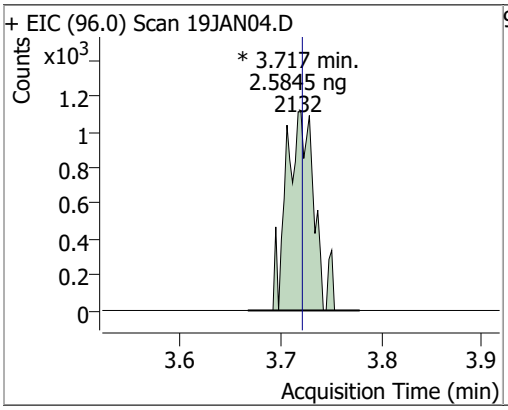
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	4.0490	3.33	-0.01	4701	84.0	69.8	36.1	96.1
					86.0	47.9	11.8	71.8

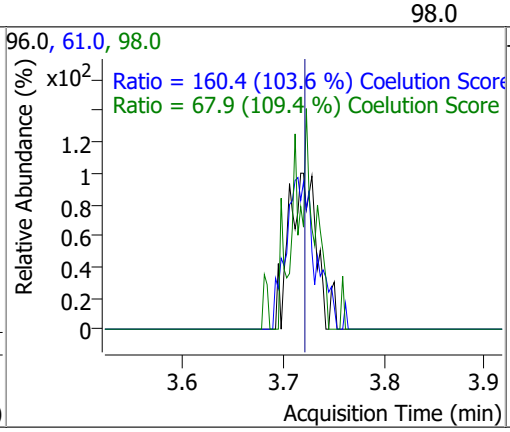


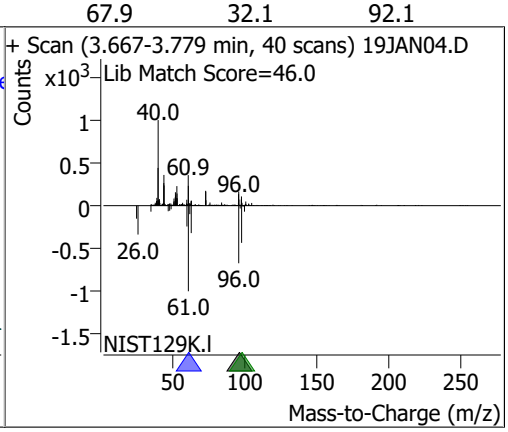




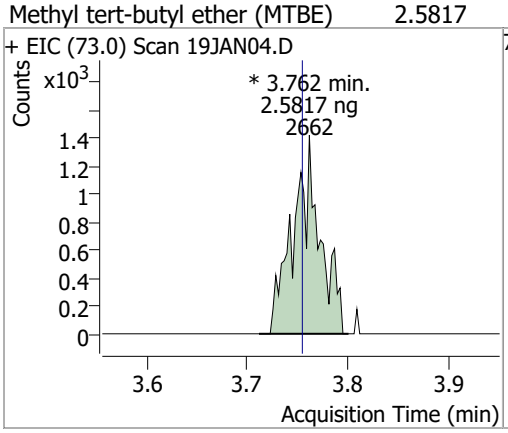
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	2.5845	3.72	0.00	2132 (m)	61.0	160.4	124.8	184.8
					98.0	67.9	32.1	92.1

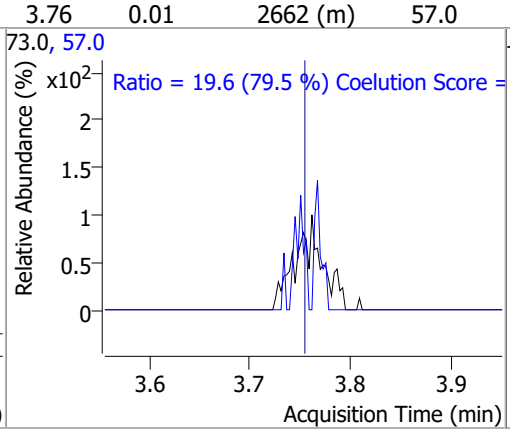


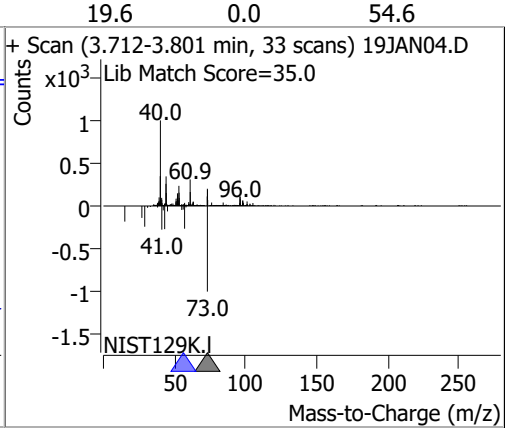




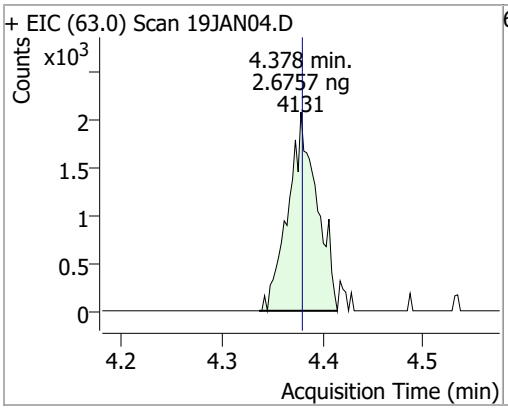
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	2.5817	3.76	0.01	2662 (m)	57.0	19.6	0.0	54.6

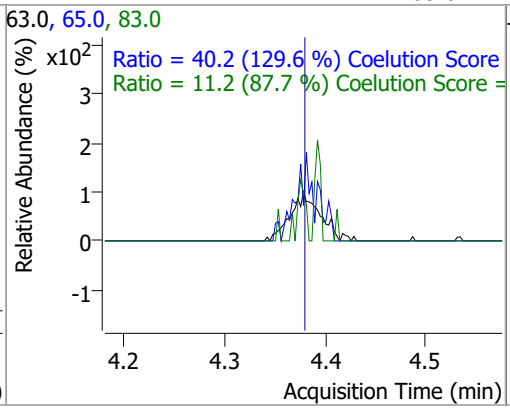


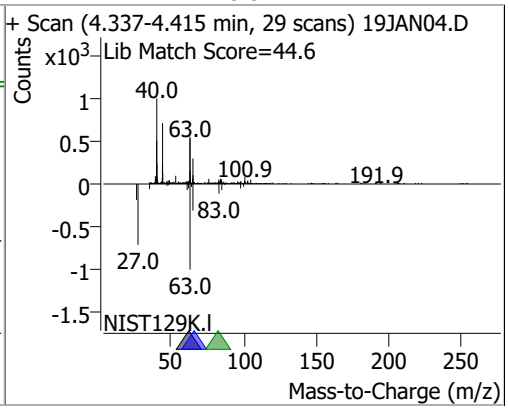




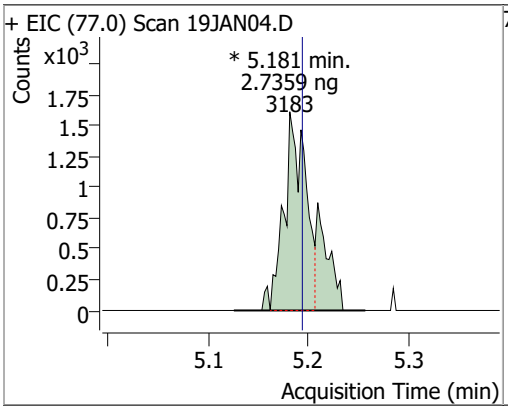
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	2.6757	4.38	0.00	4131	65.0	40.2	1.0	61.0
					83.0	11.2	0.0	42.7

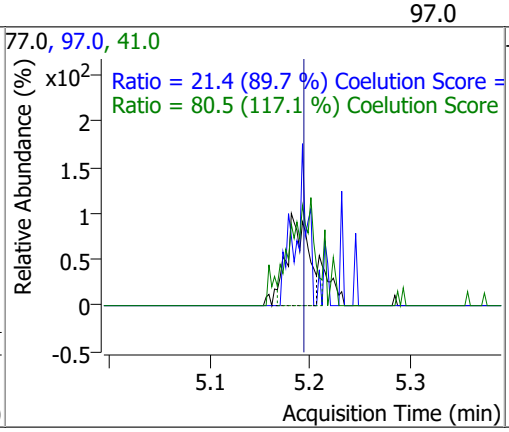


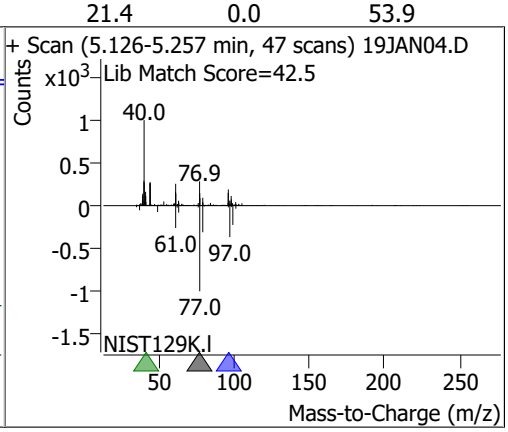




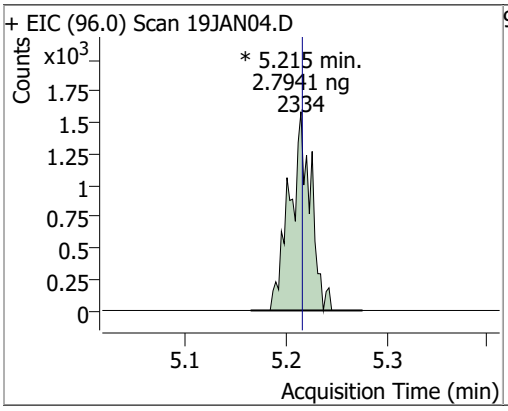
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	2.7359	5.18	-0.01	3183 (m)	41.0	80.5	38.8	98.8
					97.0	21.4	0.0	53.9

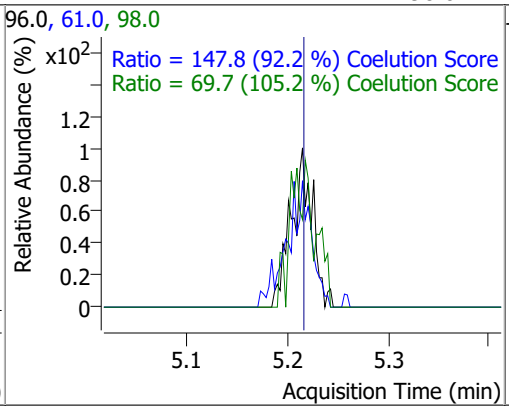


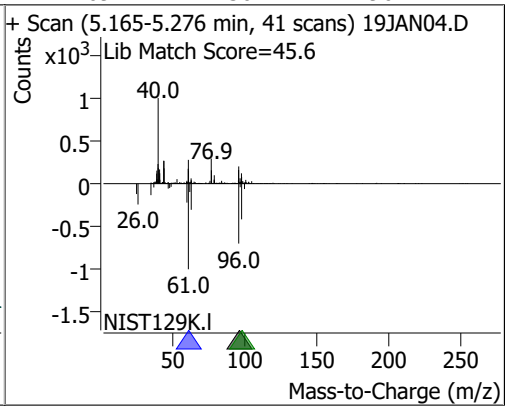




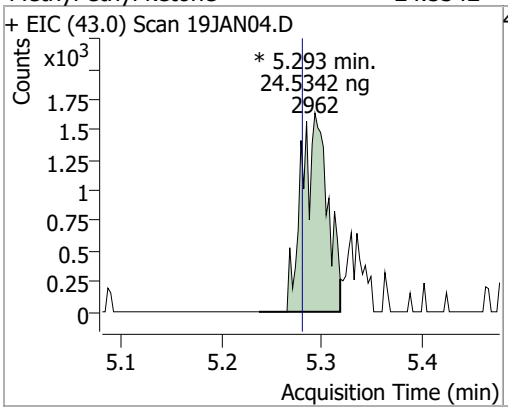
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	2.7941	5.21	0.00	2334 (m)	61.0	147.8	130.4	190.4
					98.0	69.7	36.2	96.2

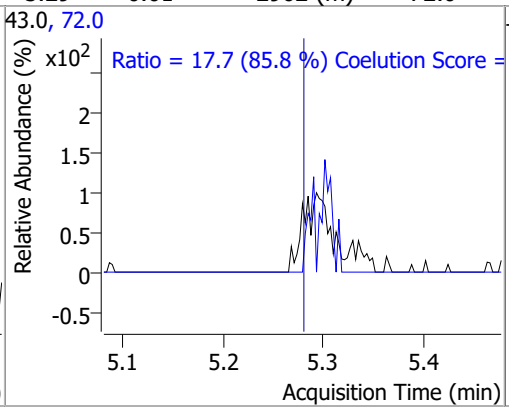


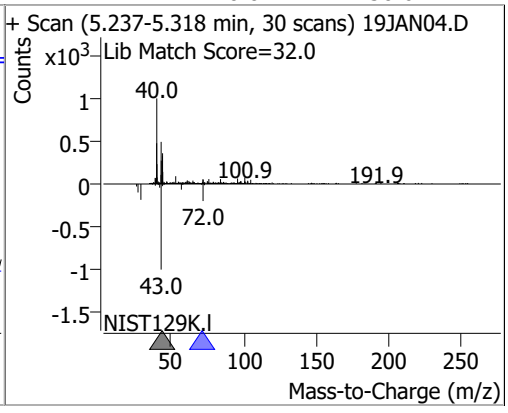




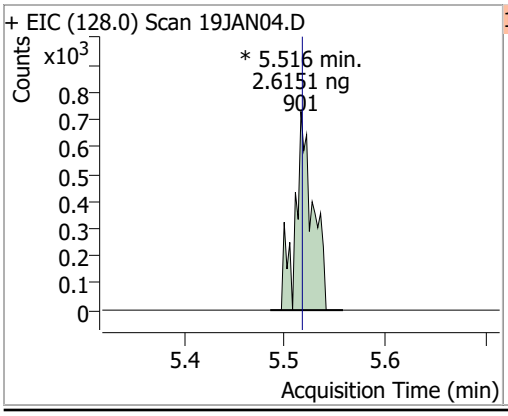
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	24.5342	5.29	0.01	2962 (m)	72.0	17.7	0.0	50.6

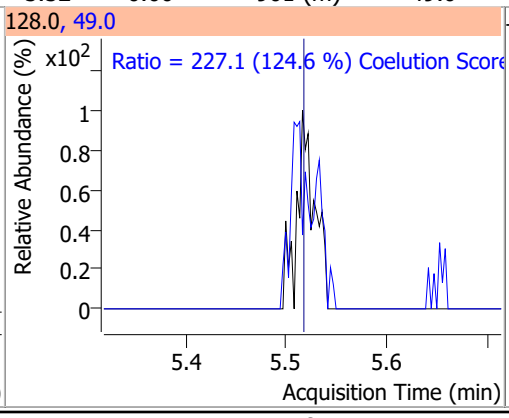


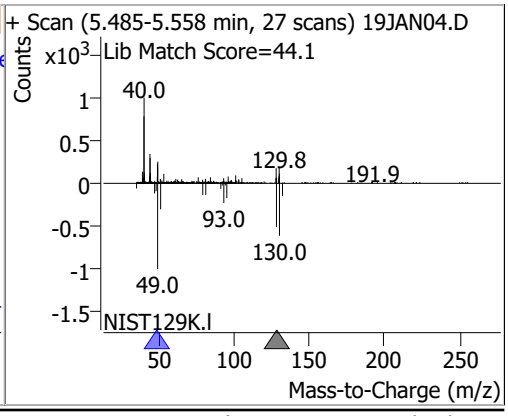




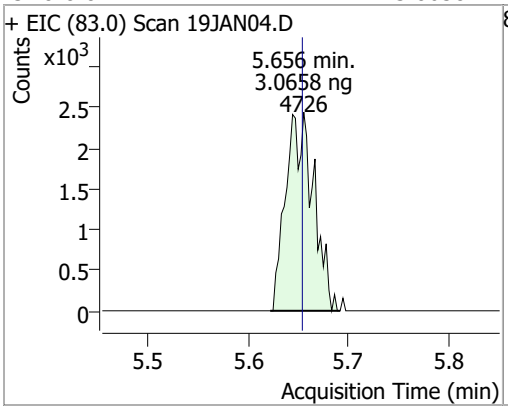
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	2.6151	5.52	0.00	901 (m)	49.0	227.1	152.2	212.2

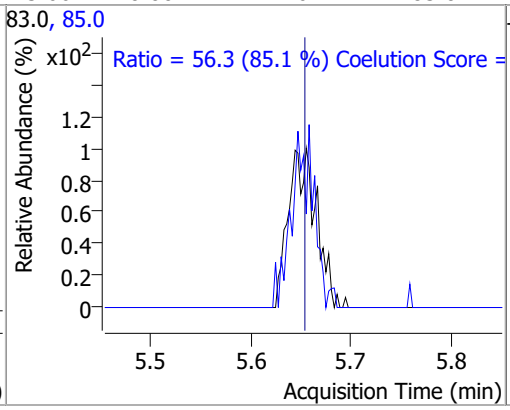


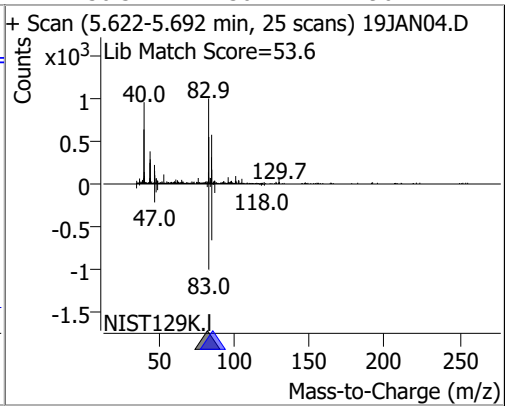




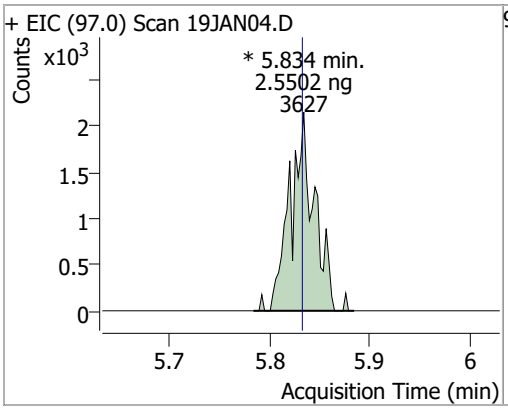
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	3.0658	5.66	0.00	4726	85.0	56.3	36.2	96.2

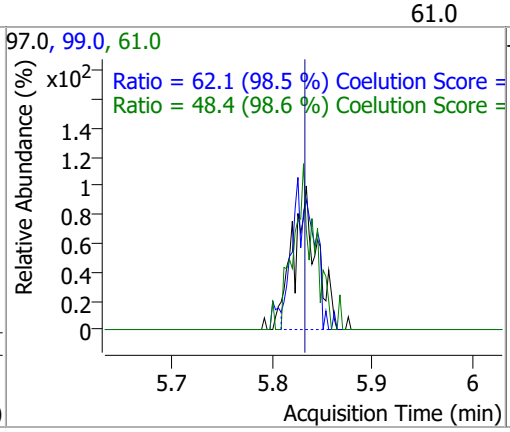


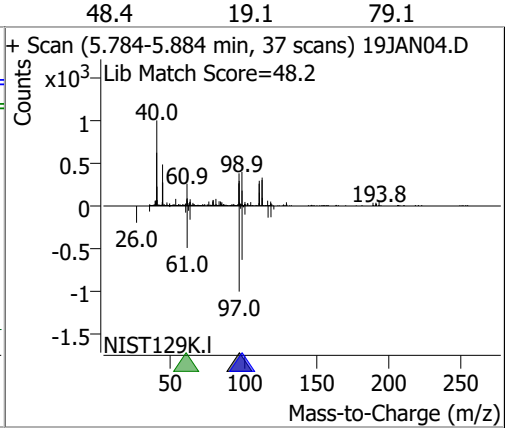




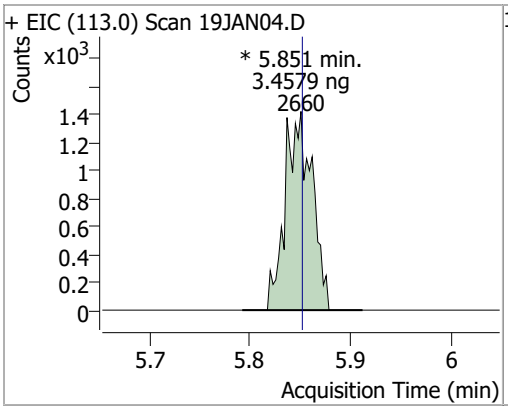
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	2.5502	5.83	0.00	3627 (m)	99.0	62.1	33.1	93.1
					61.0	48.4	19.1	79.1

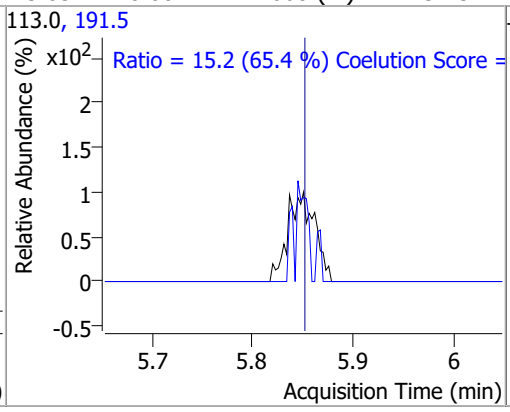


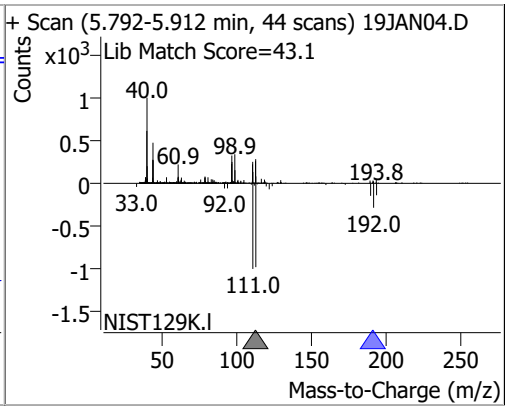




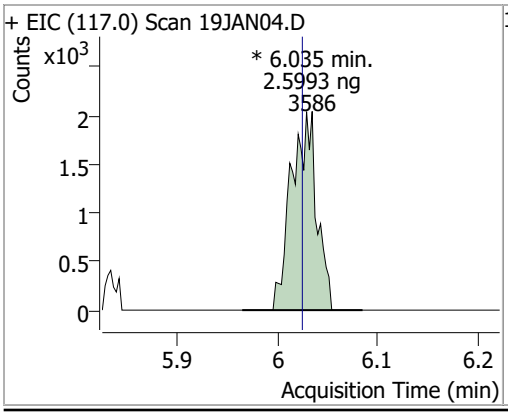
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	3.4579	5.85	0.00	2660 (m)	191.5	15.2	0.0	53.2

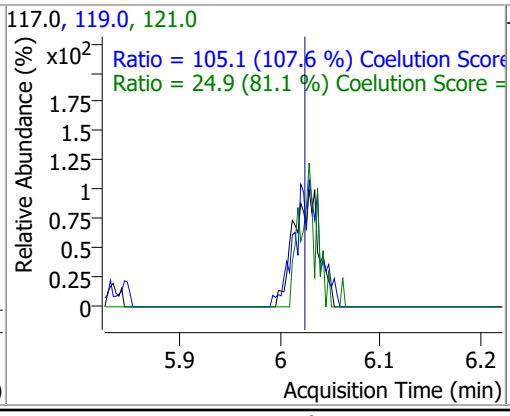


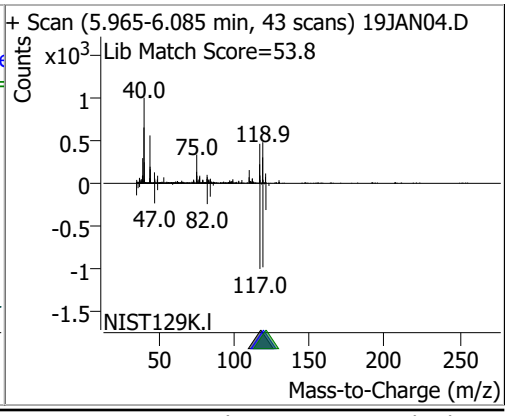




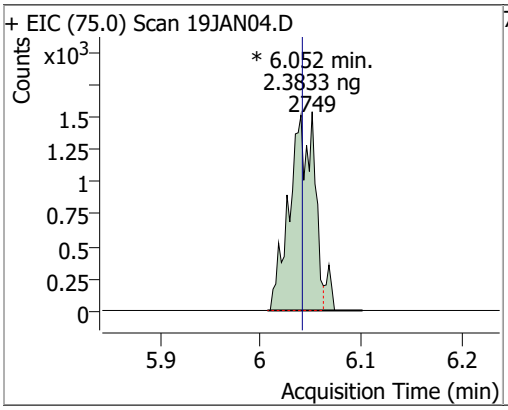
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	2.5993	6.03	0.01	3586 (m)	119.0	105.1	67.6	127.6
					121.0	24.9	0.7	60.7

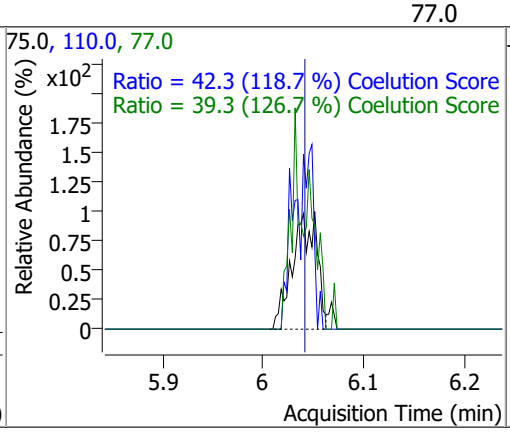


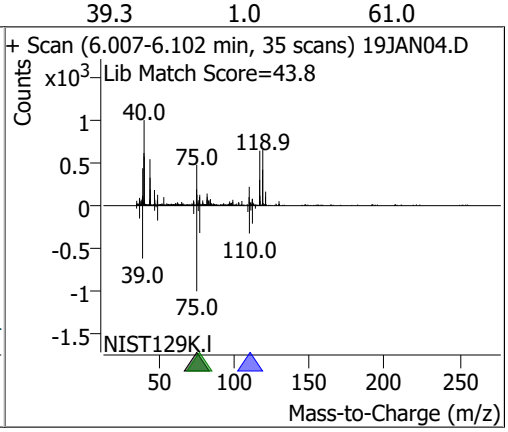




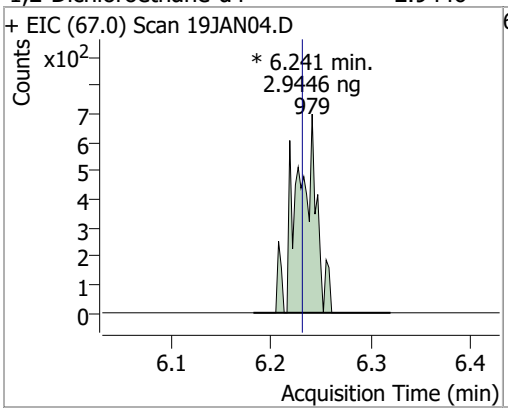
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	2.3833	6.05	0.01	2749 (m)	110.0	42.3	5.6	65.6
					77.0	39.3	1.0	61.0

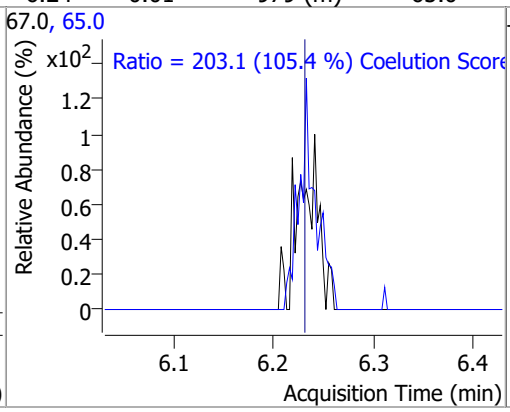


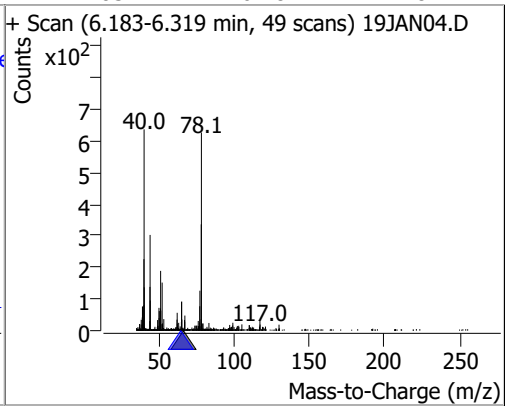




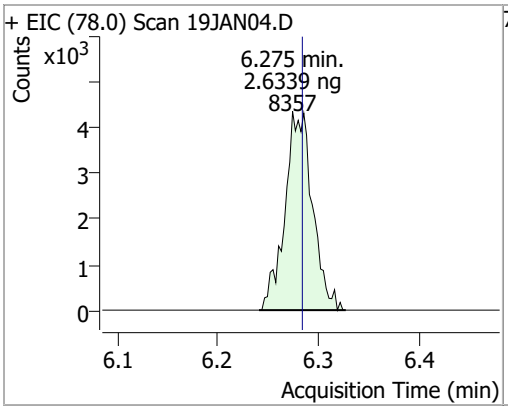
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	2.9446	6.24	0.01	979 (m)	65.0	203.1	162.8	222.8

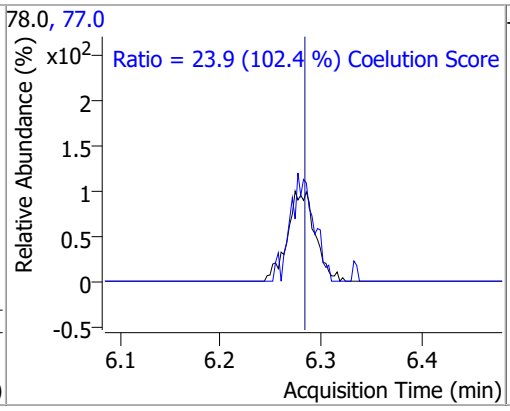


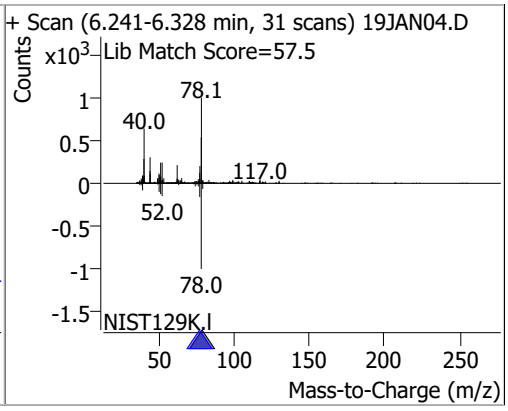




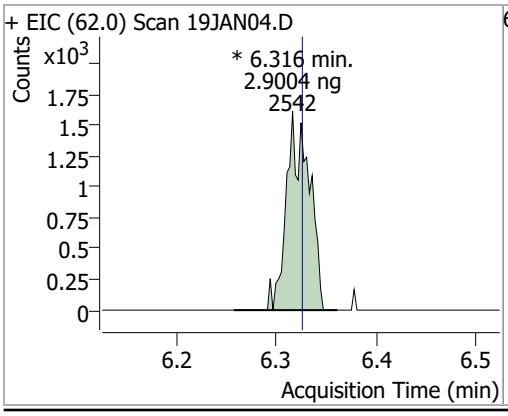
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.6339	6.27	-0.01	8357	77.0	23.9	0.0	53.3

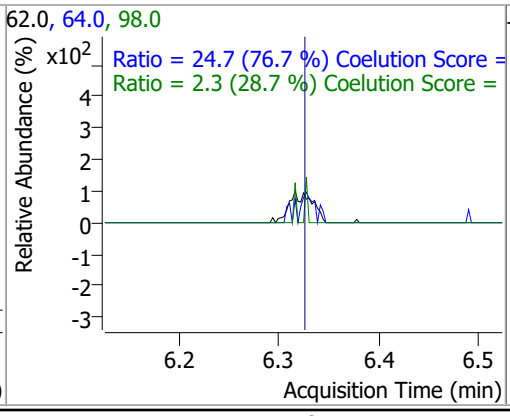


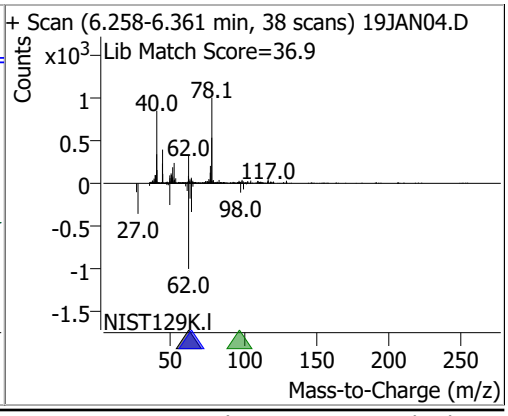




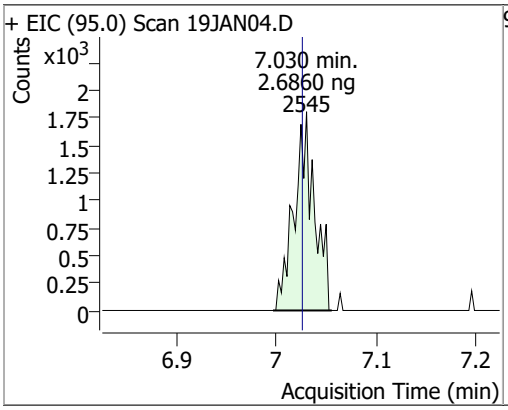
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.9004	6.32	-0.01	2542 (m)	64.0	24.7	2.2	62.2
					98.0	2.3	0.0	38.2

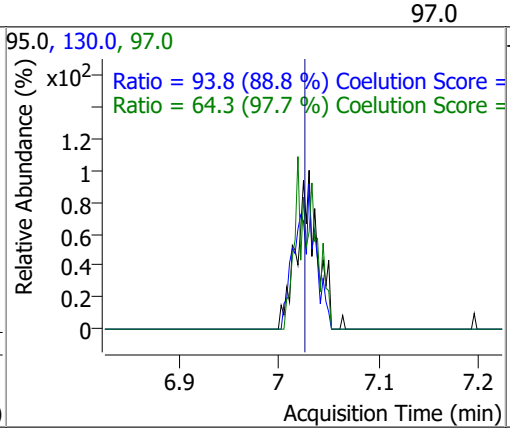


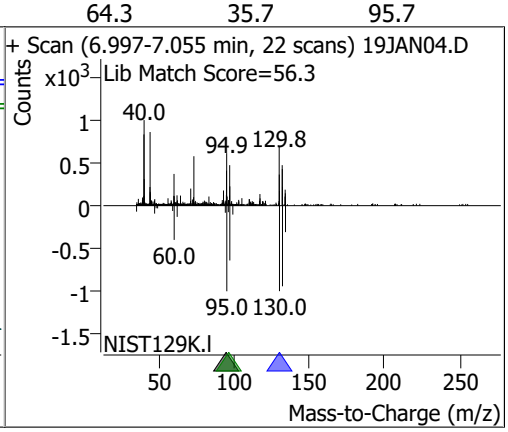




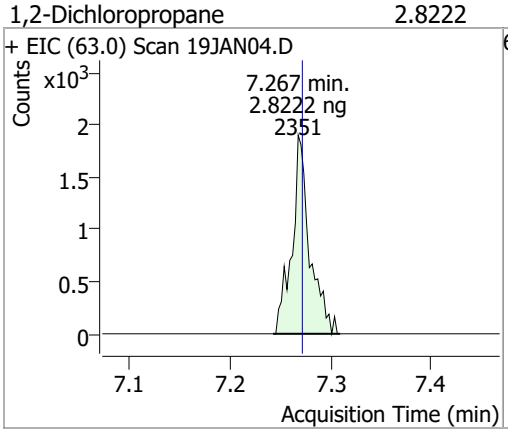
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	2.6860	7.03	0.01	2545	130.0	93.8	75.6	135.6
					97.0	64.3	35.7	95.7

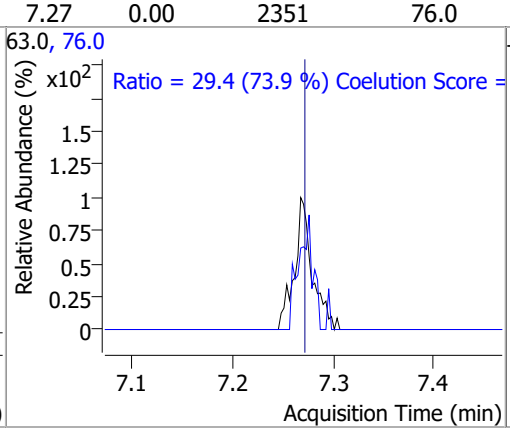


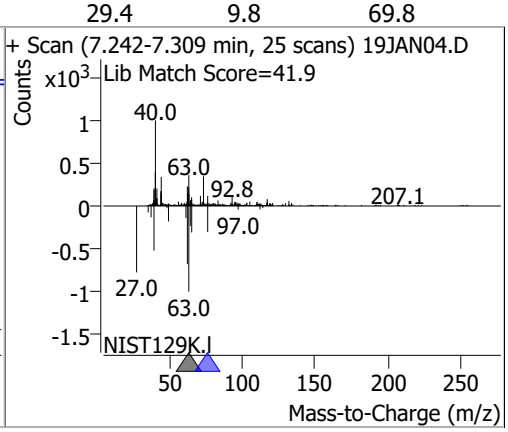




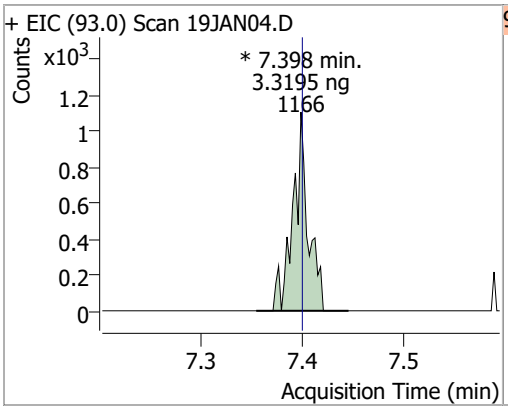
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	2.8222	7.27	0.00	2351	76.0	29.4	9.8	69.8

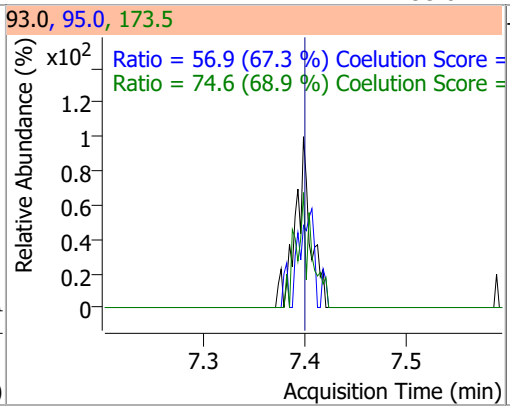


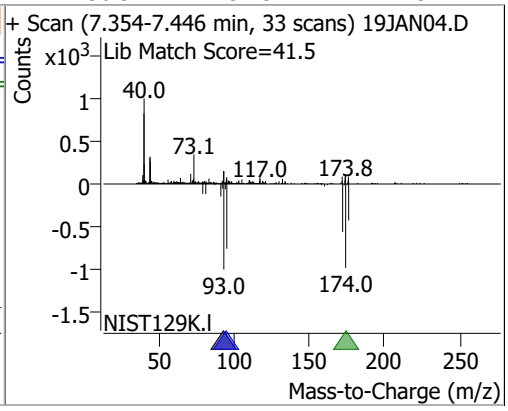




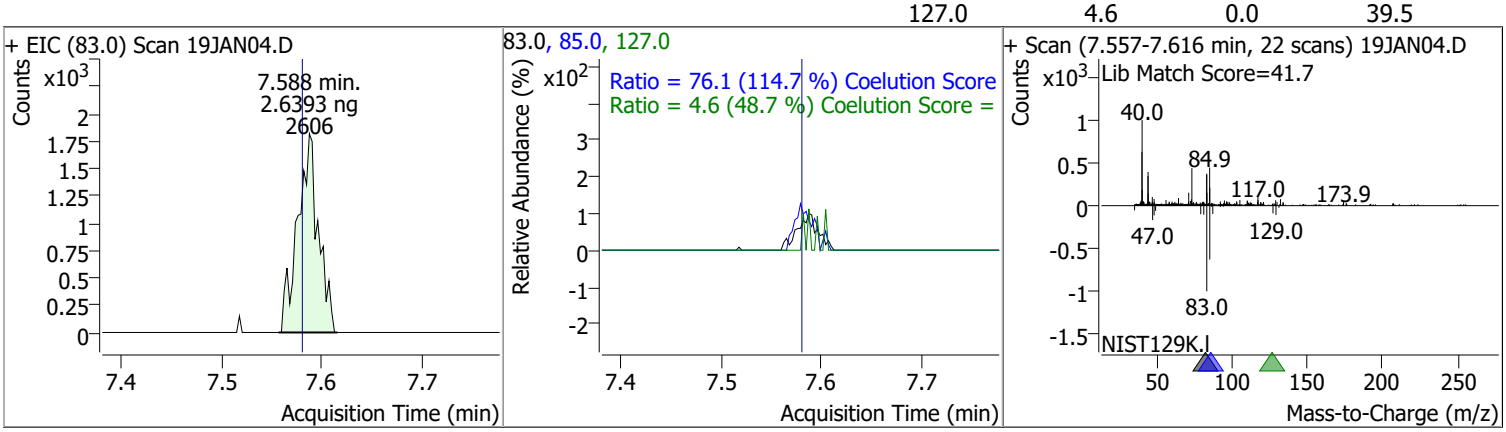
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	3.3195	7.40	0.00	1166 (m)	173.5	74.6	78.2	138.2
					95.0	56.9	54.5	114.5



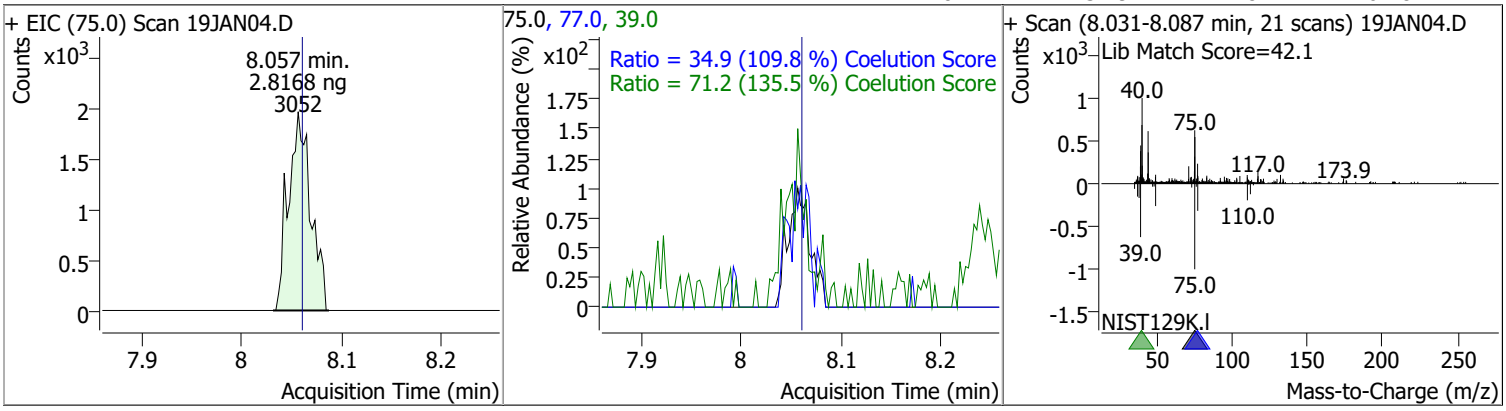




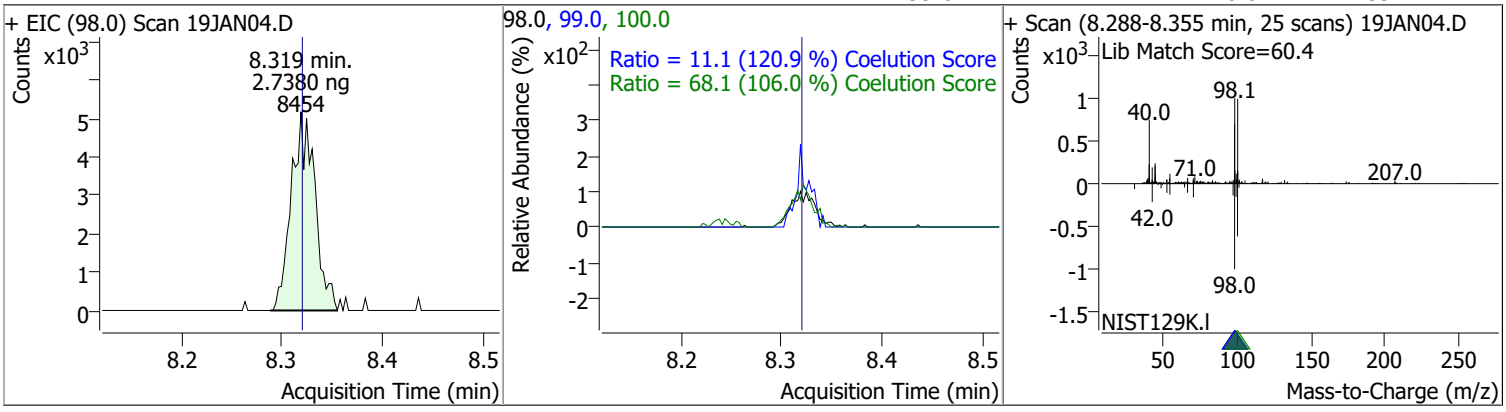
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	2.6393	7.59	0.01	2606	85.0	76.1	36.3	96.3
					127.0	4.6	0.0	39.5



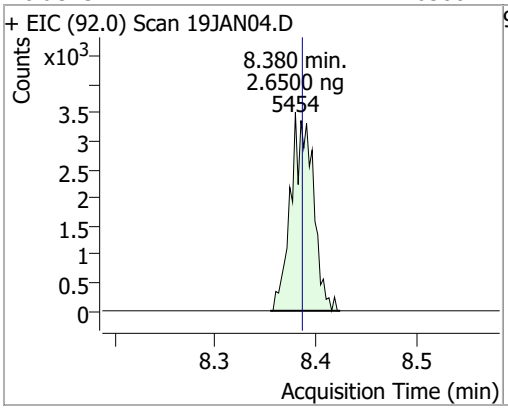
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	2.8168	8.06	0.00	3052	39.0	71.2	22.5	82.5
					77.0	34.9	1.8	61.8

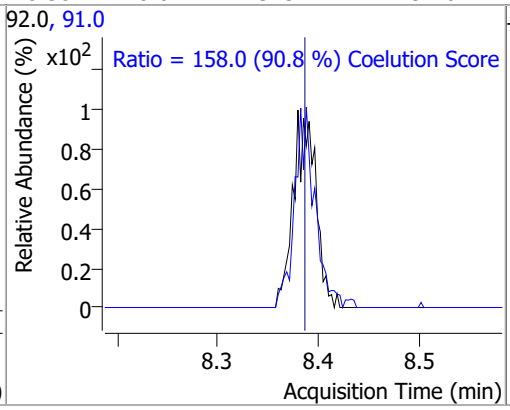


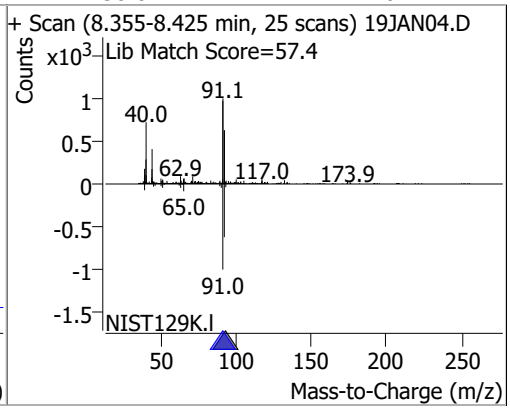
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	2.7380	8.32	0.00	8454	100.0	68.1	34.3	94.3
					99.0	11.1	0.0	39.2



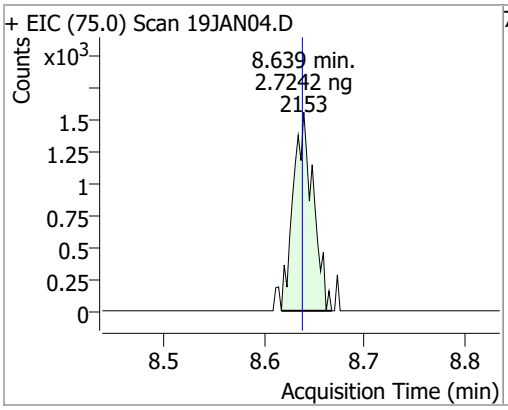
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.6500	8.38	-0.01	5454	91.0	158.0	144.1	204.1

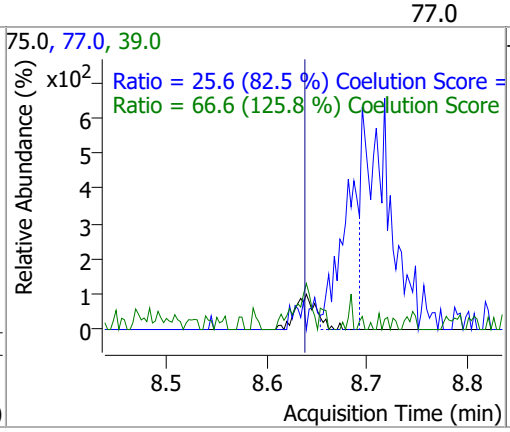


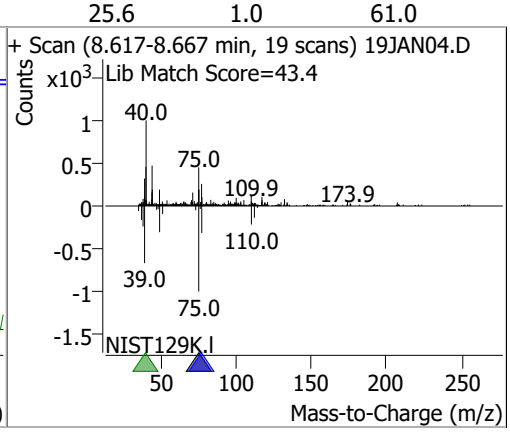




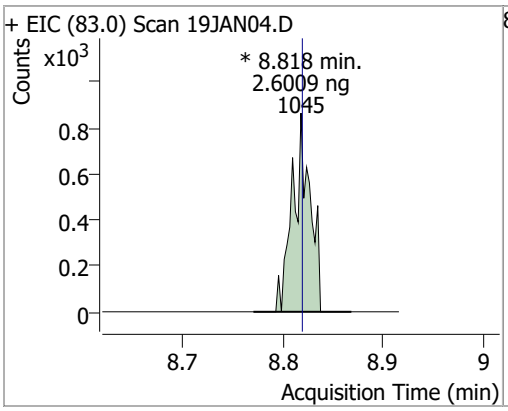
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	2.7242	8.64	0.00	2153	39.0	66.6	23.0	83.0
					77.0	25.6	1.0	61.0

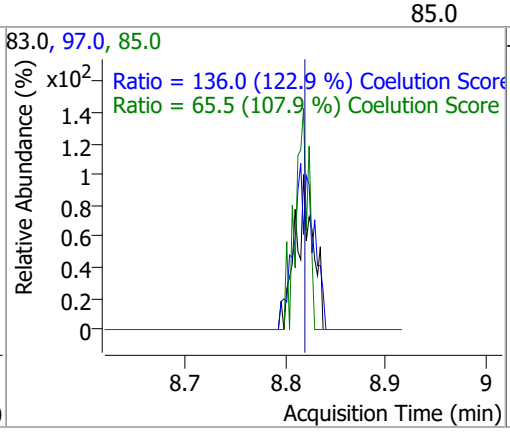


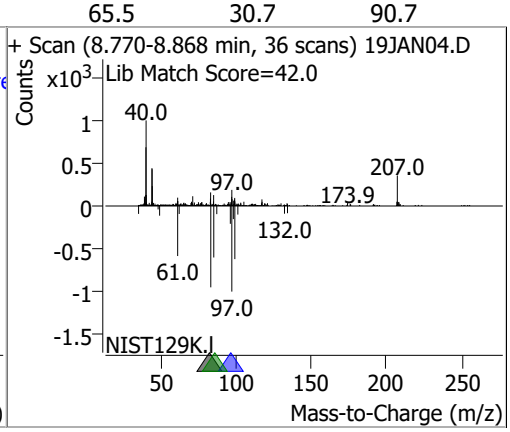




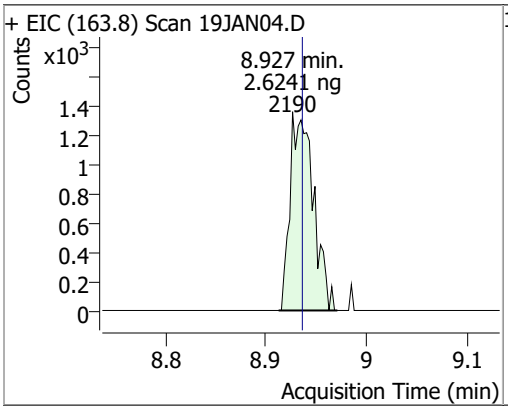
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	2.6009	8.82	0.00	1045 (m)	97.0	136.0	80.7	140.7
					85.0	65.5	30.7	90.7

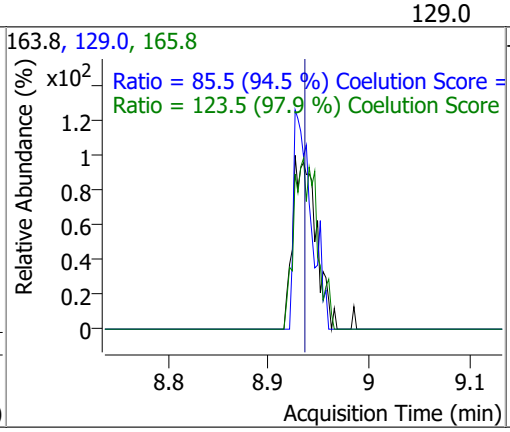


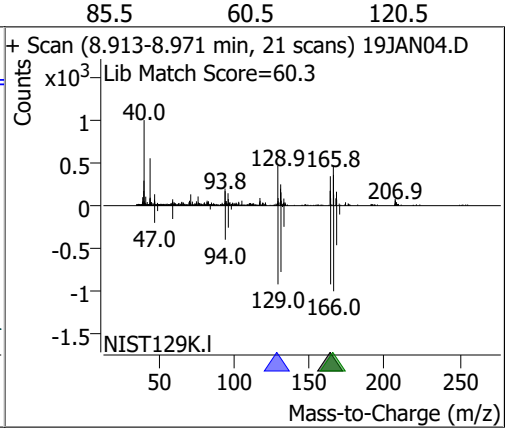




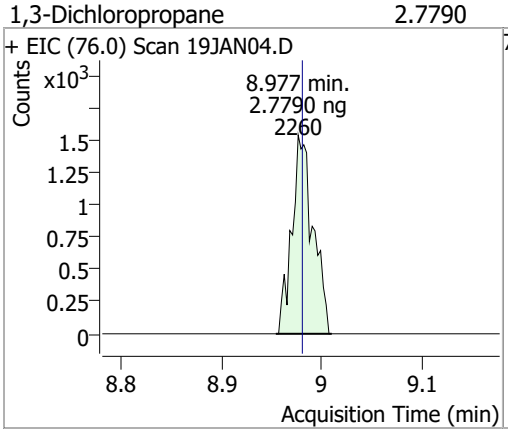
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	2.6241	8.93	-0.01	2190	165.8	123.5	96.1	156.1
					129.0	85.5	60.5	120.5

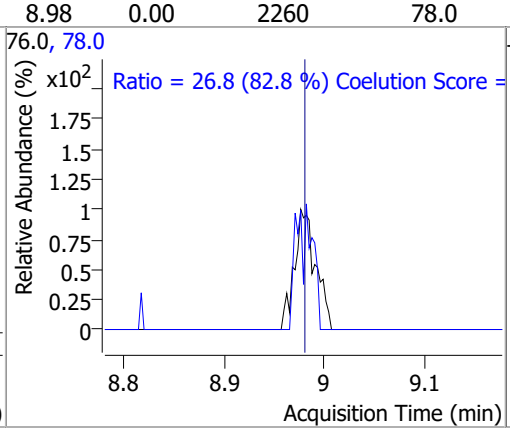


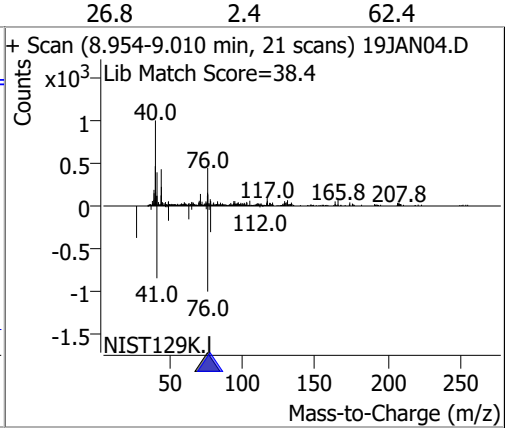




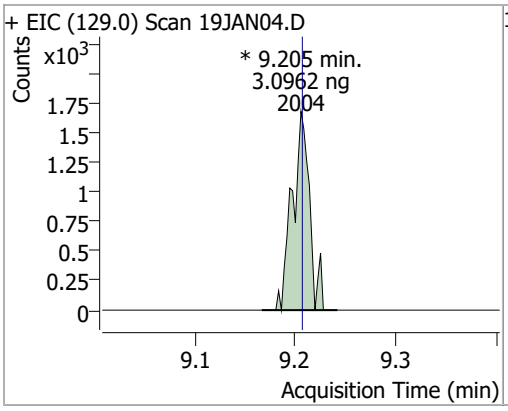
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	2.7790	8.98	0.00	2260	78.0	26.8	2.4	62.4

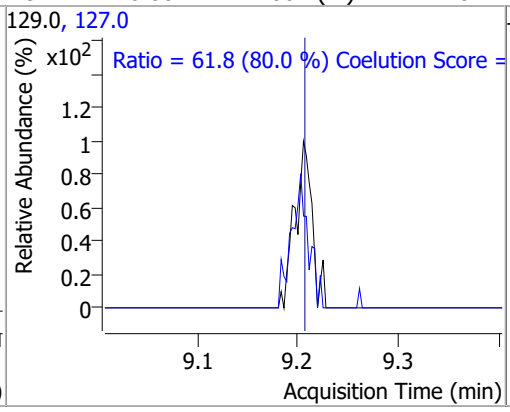


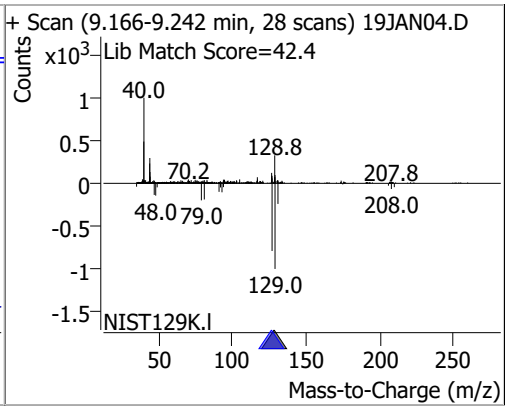




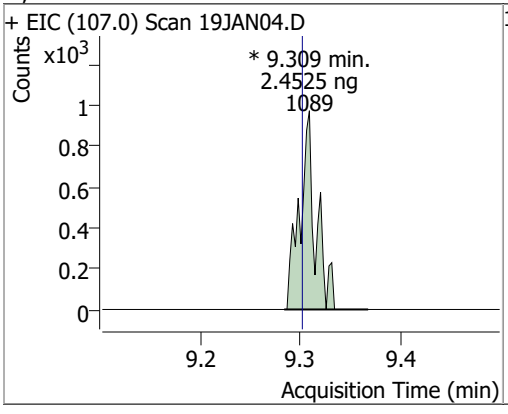
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	3.0962	9.21	0.00	2004 (m)	127.0	61.8	47.2	107.2

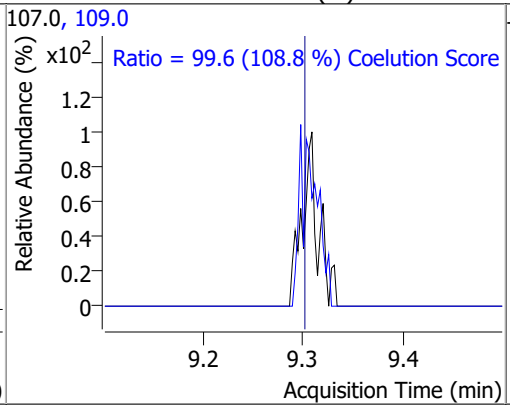


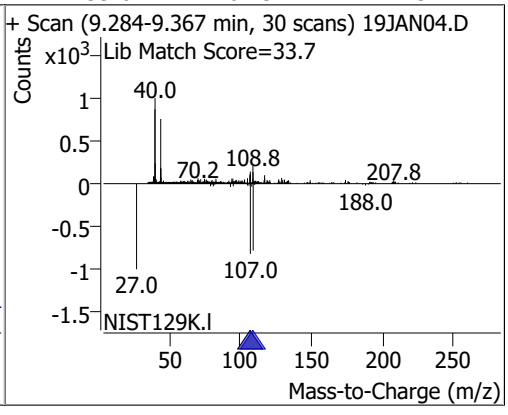




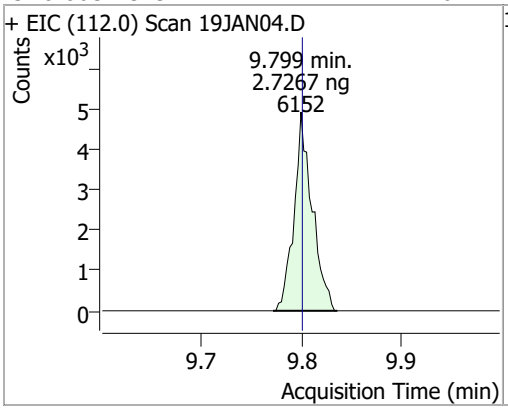
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	2.4525	9.31	0.01	1089 (m)	109.0	99.6	61.5	121.5

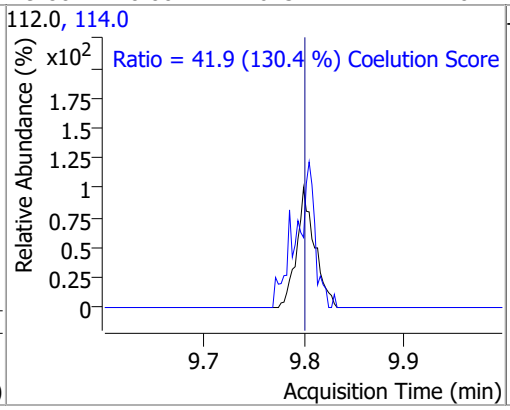


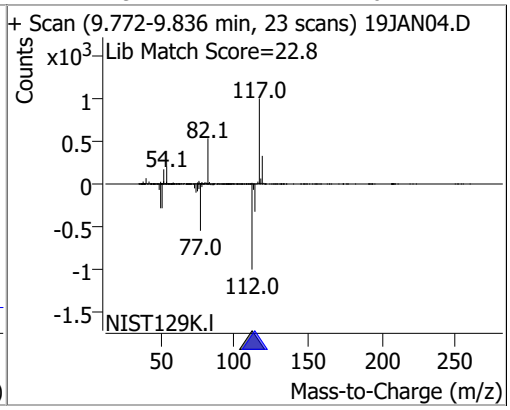




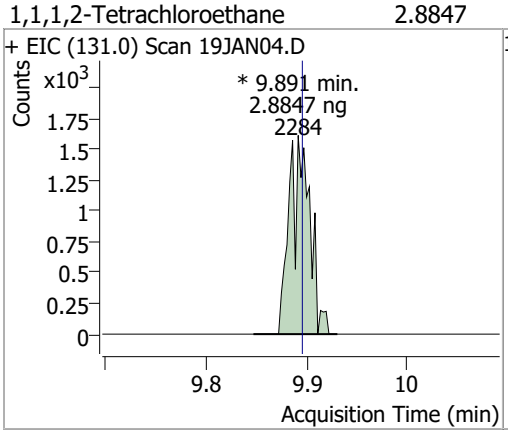
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	2.7267	9.80	0.00	6152	114.0	41.9	2.2	62.2

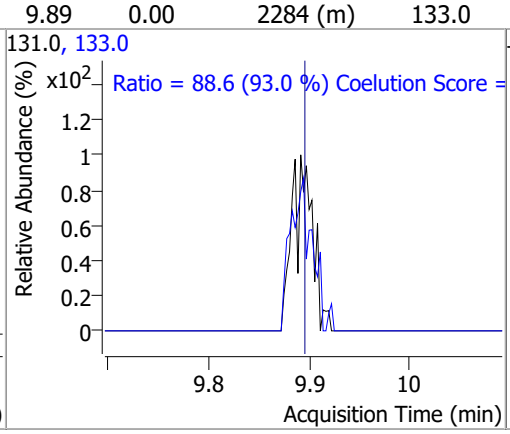


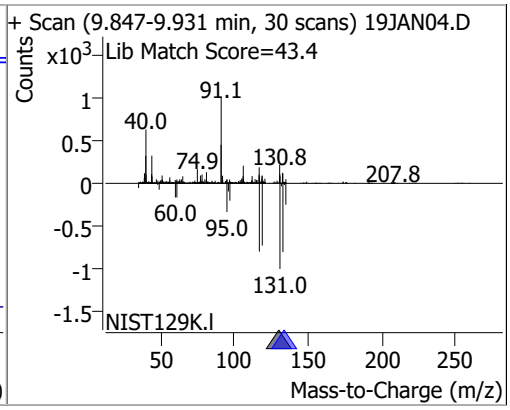




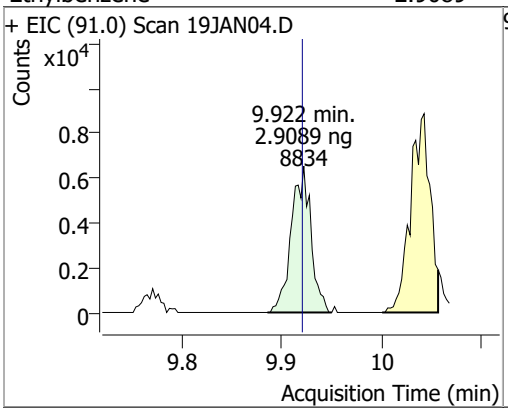
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	2.8847	9.89	0.00	2284 (m)	133.0	88.6	65.3	125.3

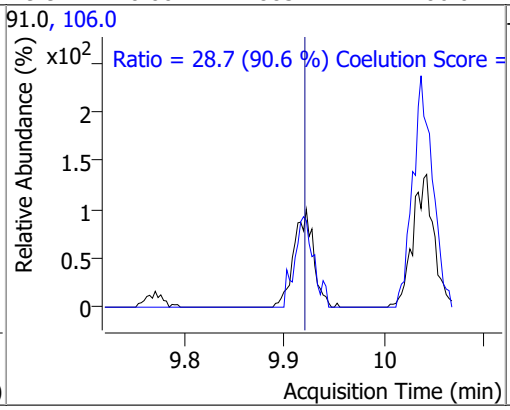


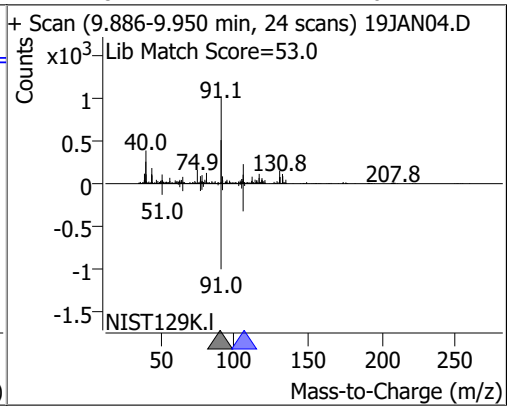




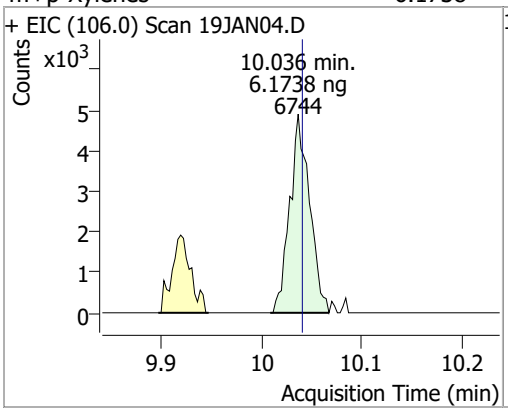
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	2.9089	9.92	0.00	8834	106.0	28.7	1.7	61.7

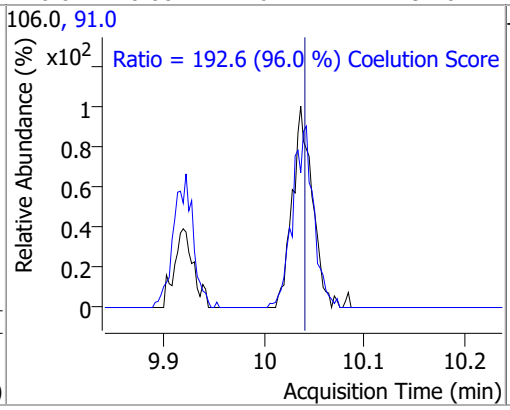


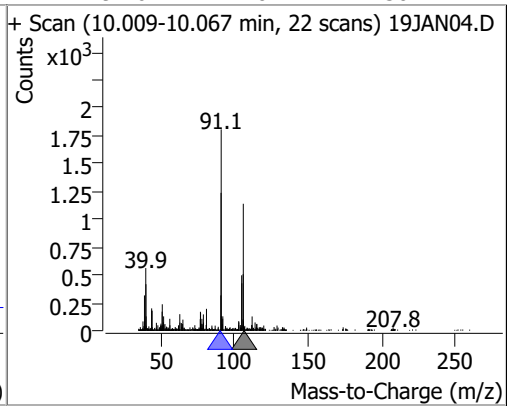




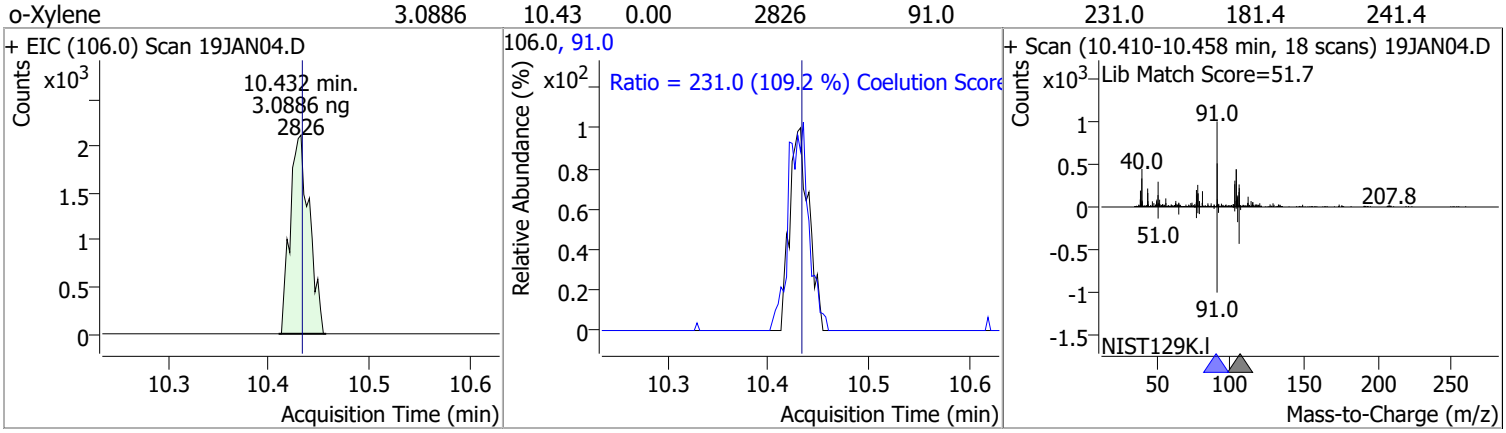
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	6.1738	10.04	0.00	6744	91.0	192.6	170.7	230.7



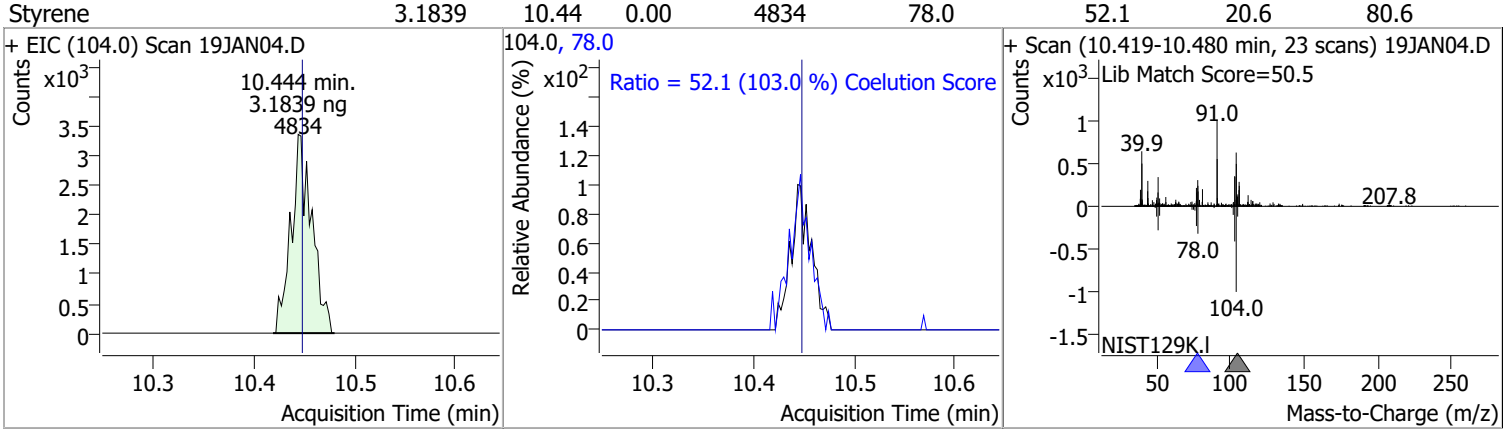




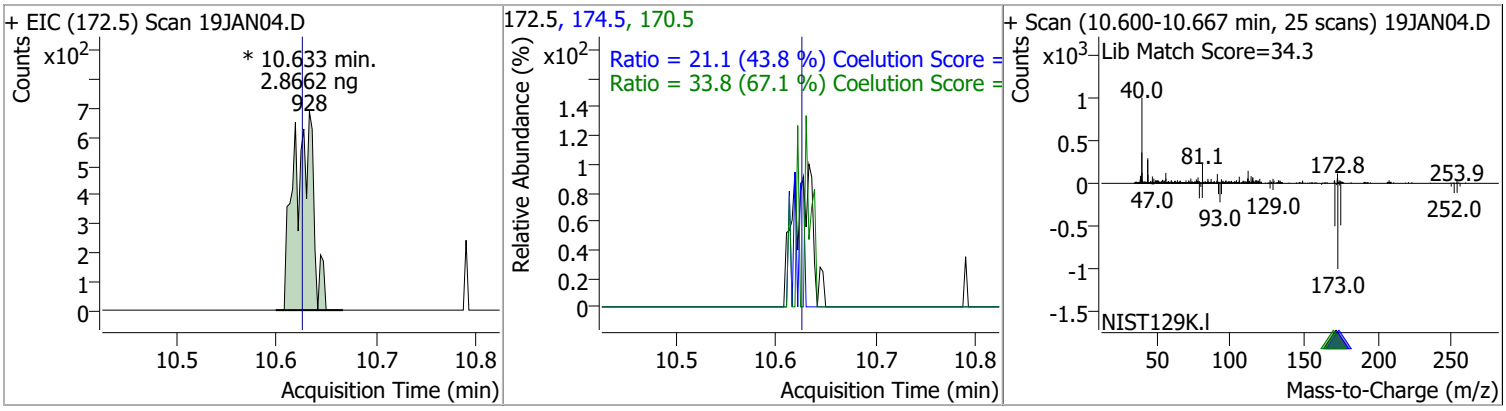
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	3.0886	10.43	0.00	2826	91.0	231.0	181.4	241.4



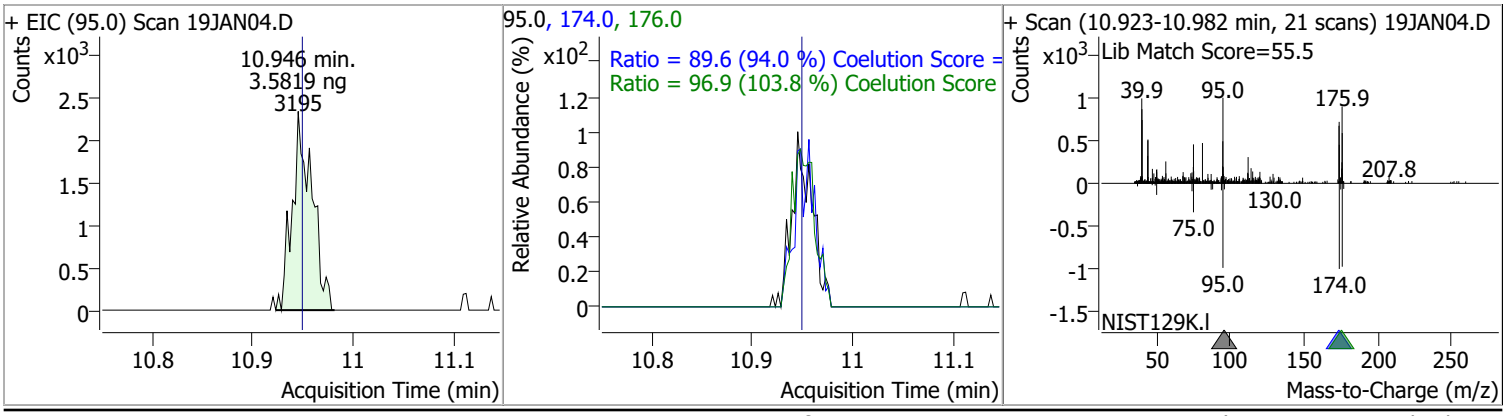
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	3.1839	10.44	0.00	4834	78.0	52.1	20.6	80.6



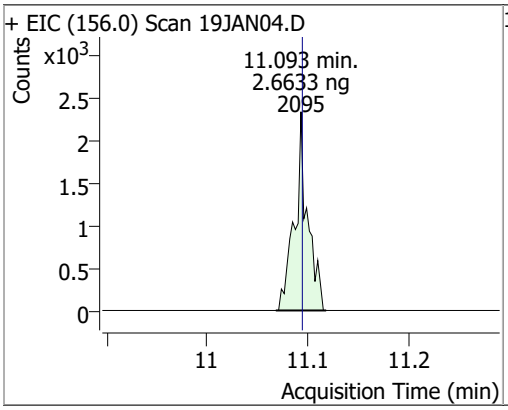
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	2.8662	10.63	0.01	928 (m)	170.5	33.8	20.3	80.3
					174.5	21.1	18.1	78.1

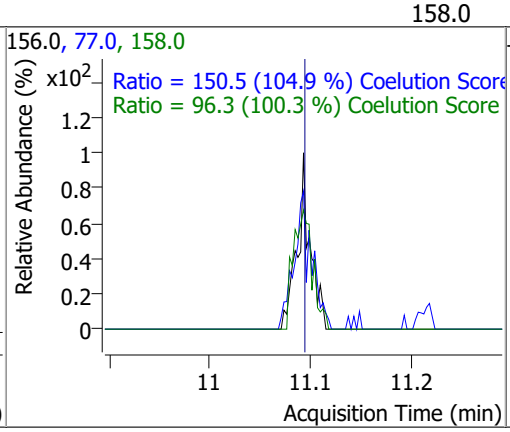


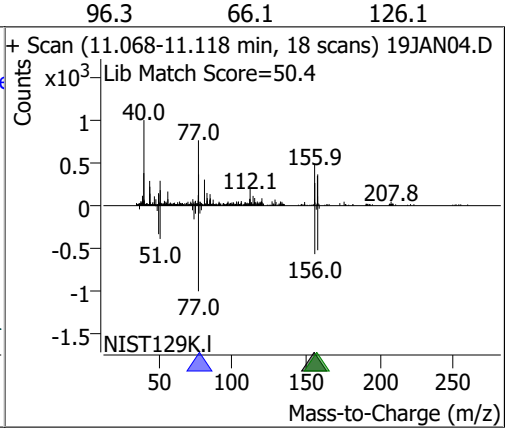
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	3.5819	10.95	0.00	3195	174.0	89.6	65.3	125.3
					176.0	96.9	63.3	123.3



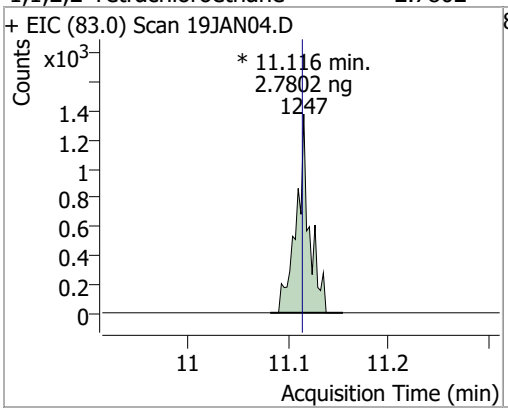
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	2.6633	11.09	0.00	2095	77.0	150.5	113.5	173.5
					158.0	96.3	66.1	126.1

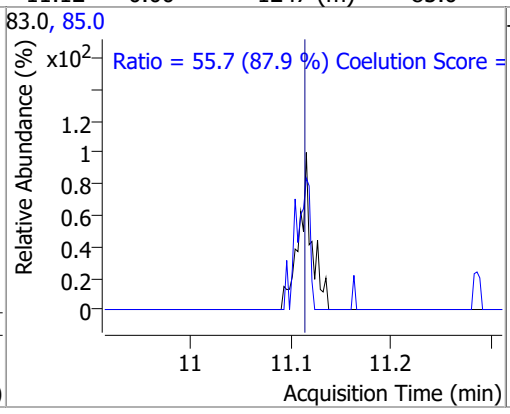


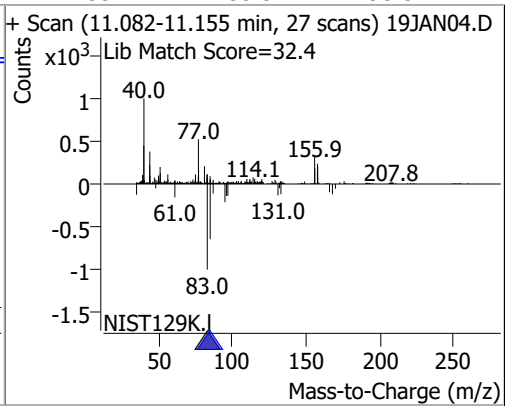




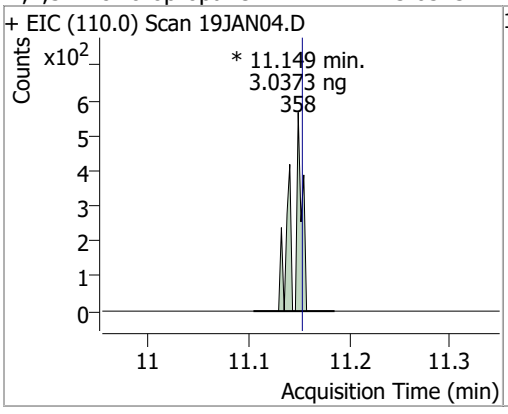
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	2.7802	11.12	0.00	1247 (m)	85.0	55.7	33.3	93.3

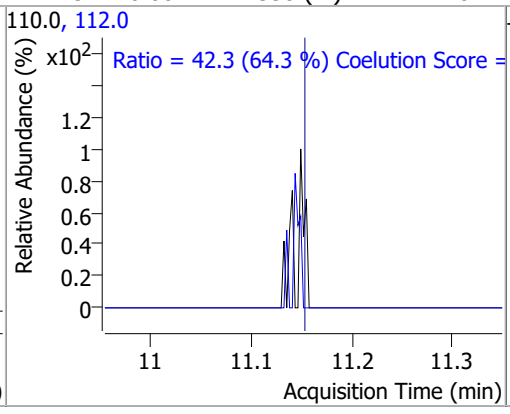


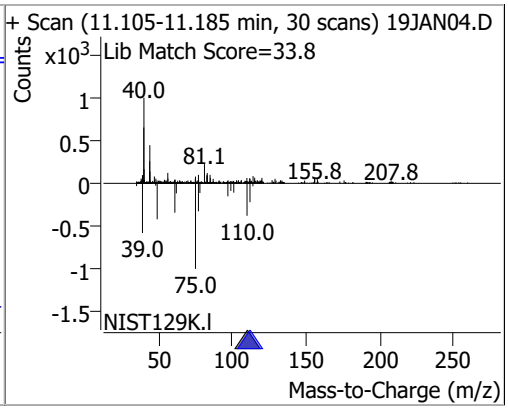




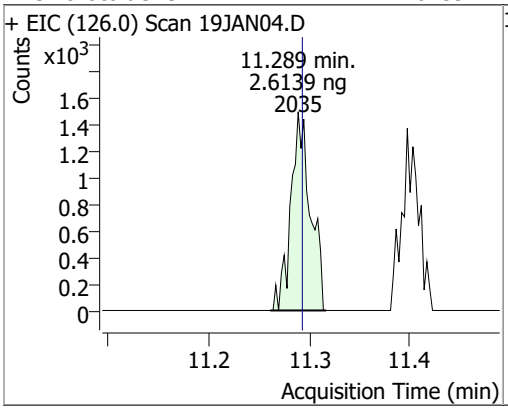
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	3.0373	11.15	0.00	358 (m)	112.0	42.3	35.8	95.8

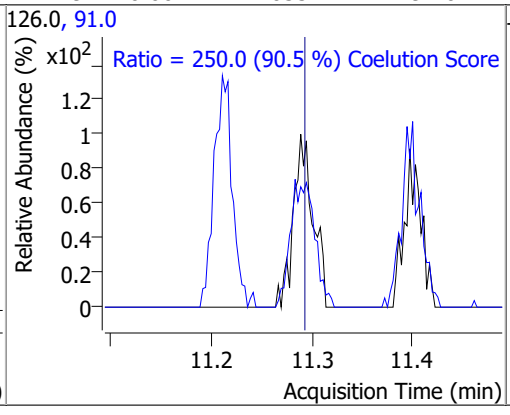


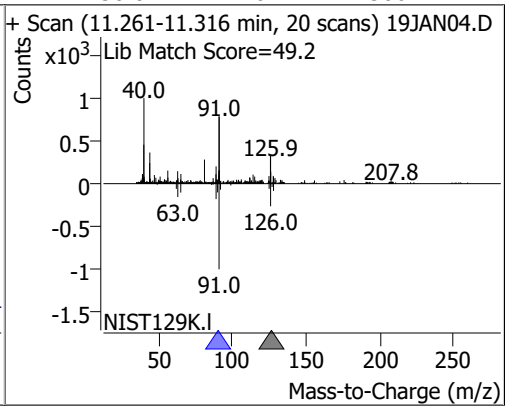




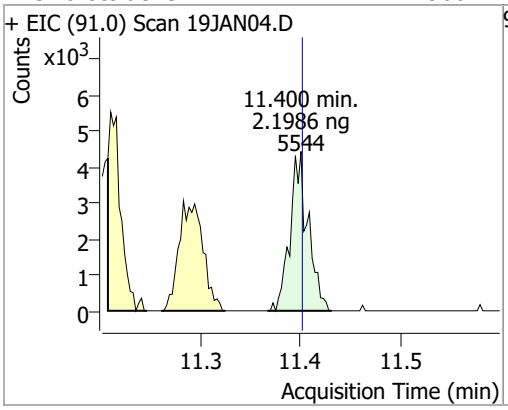
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	2.6139	11.29	0.00	2035	91.0	250.0	246.2	306.2

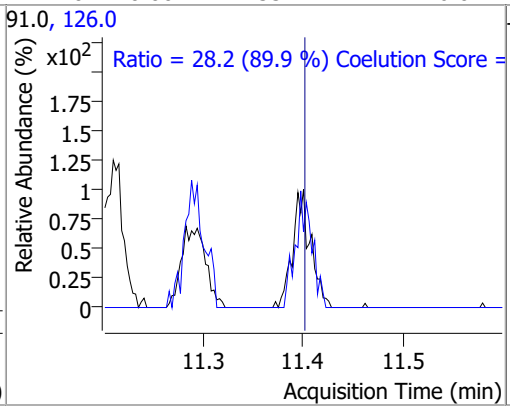


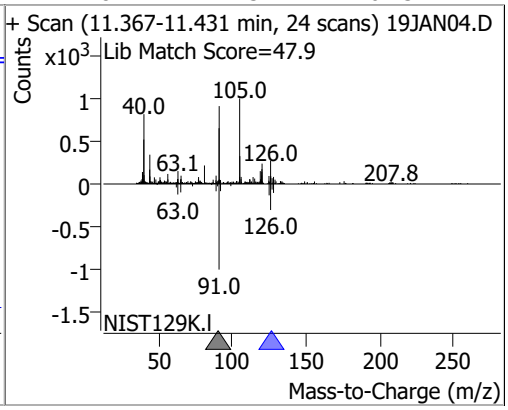




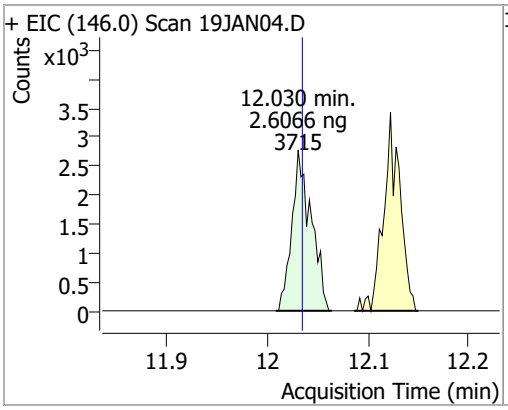
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	2.1986	11.40	0.00	5544	126.0	28.2	1.3	61.3

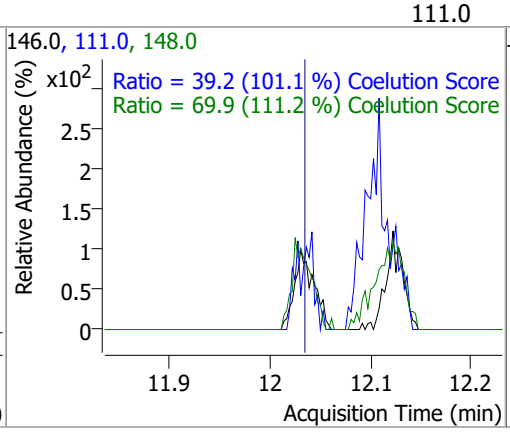


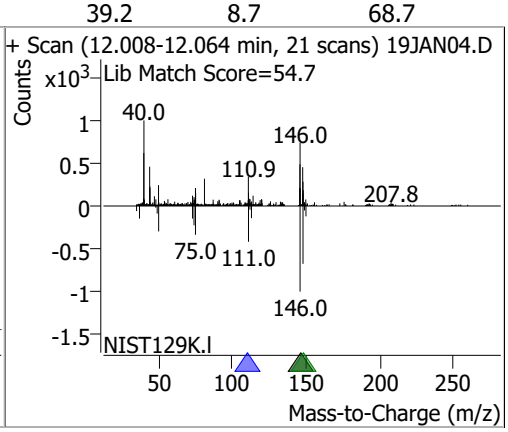




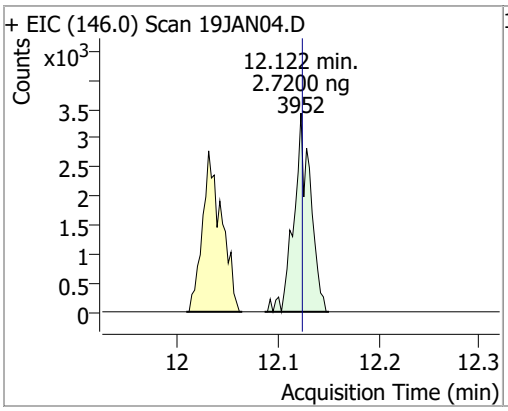
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	2.6066	12.03	0.00	3715	148.0	69.9	32.8	92.8
					111.0	39.2	8.7	68.7

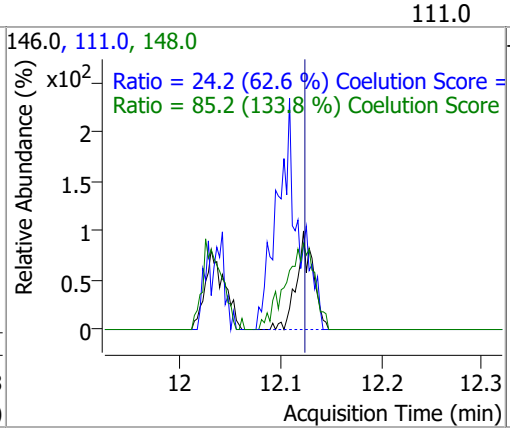


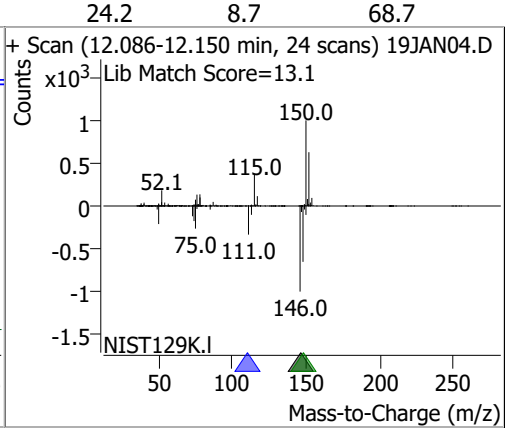




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	2.7200	12.12	0.00	3952	148.0	85.2	33.7	93.7
					111.0	24.2	8.7	68.7

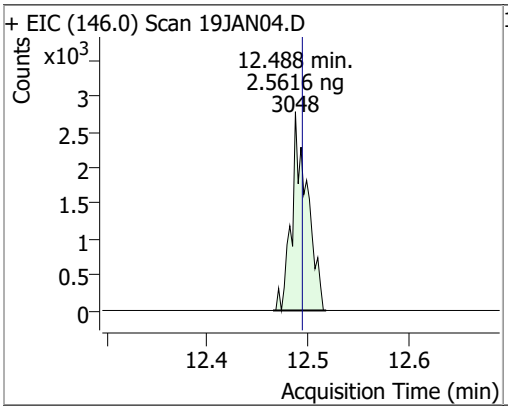


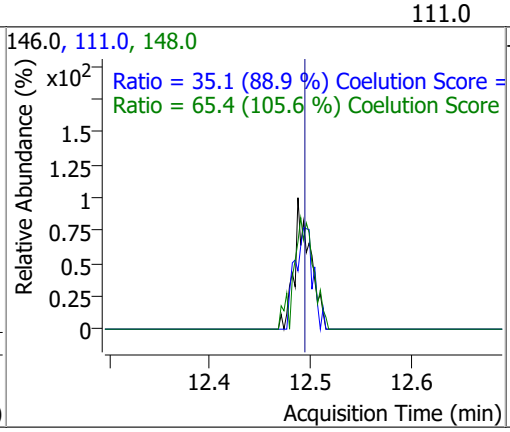


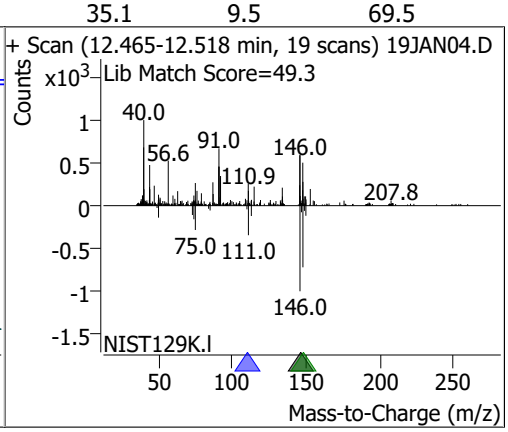


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	2.5616	12.49	-0.01	3048	148.0	65.4	31.9	91.9
					111.0	35.1	9.5	69.5



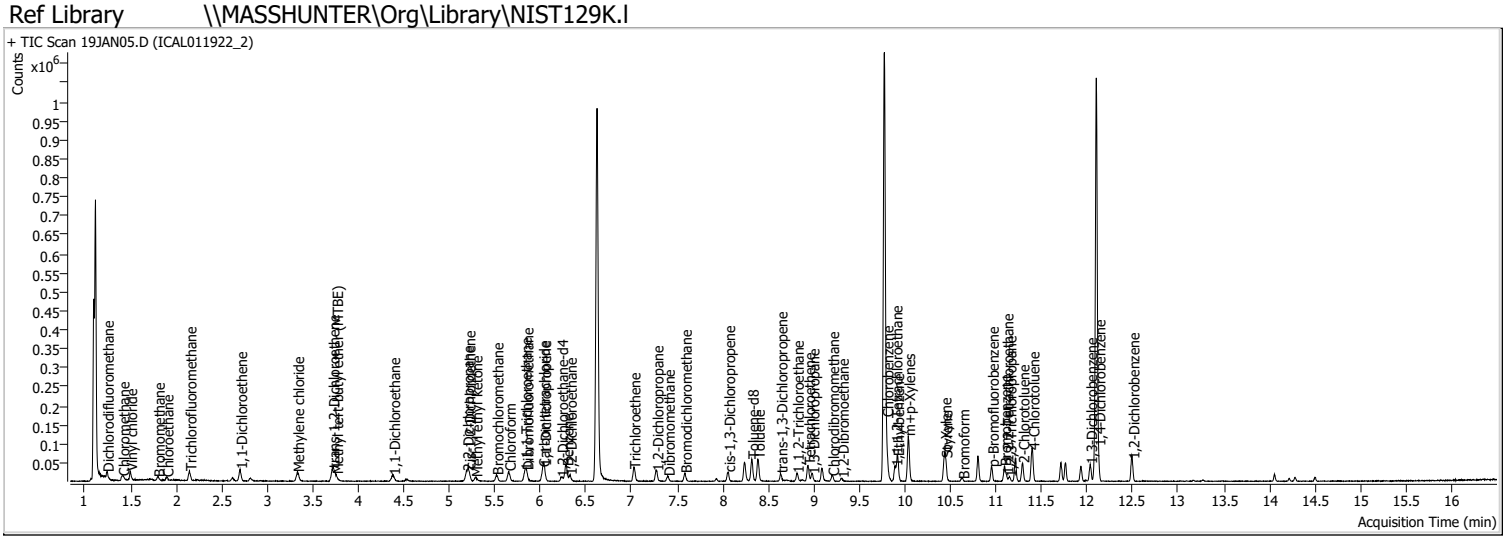




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	19JAN05.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 11:15:33 AM
Sample Name	ICAL011922_2	Instrument	VOA5975C
Vial	5	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

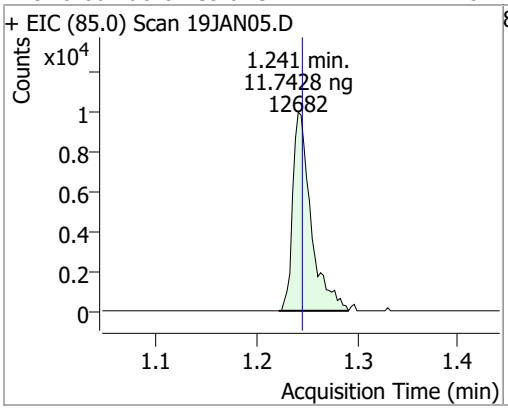


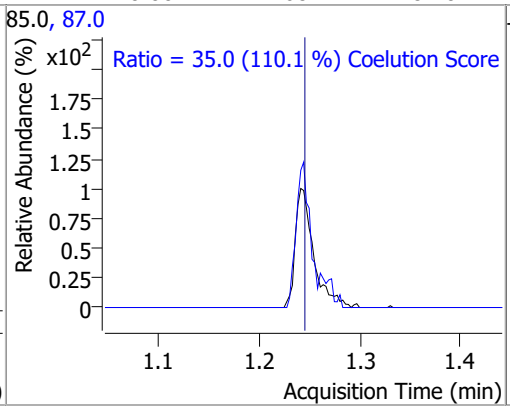
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	803183	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	313722	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	251947	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	9521	12.2386	ng		-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 4.90%		*	
S 1,2-Dichloroethane-d4	6.227	67.0	4197	12.4883	ng	m	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 5.00%		*	
S Toluene-d8	8.319	98.0	33951	11.0927	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 4.44%		*	
S p-Bromofluorobenzene	10.954	95.0	10669	11.4690	ng		0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 4.59%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	12682	11.7428	ng		94
T Chloromethane	1.411	50.0	15397	12.1094	ng		94
T Vinyl chloride	1.498	62.0	14225	12.2910	ng		94
T Bromomethane	1.799	96.0	5411	12.9499	ng		96
T Chloroethane	1.897	64.0	6576	12.0096	ng		92
T Trichlorofluoromethane	2.148	101.0	16916	12.1888	ng		100
T 1,1-Dichloroethene	2.703	96.0	9440	11.6900	ng		96
T Methylene chloride	3.330	49.0	15719	13.3883	ng		96
T trans-1,2-Dichloroethene	3.718	96.0	10455	12.5326	ng		94
T Methyl tert-butyl ether (MTBE)	3.757	73.0	12721	12.2004	ng		99
T 1,1-Dichloroethane	4.381	63.0	18500	11.8493	ng		98
T 2,2-Dichloropropane	5.190	77.0	14213	12.0798	ng		97
T cis-1,2-Dichloroethene	5.209	96.0	9874	11.6899	ng		95
T Methyl ethyl ketone	5.288	43.0	15038	123.1947	ng		97
T Bromochloromethane	5.516	128.0	4232	12.1514	ng	m	95
T Chloroform	5.653	83.0	18593	11.9271	ng		99

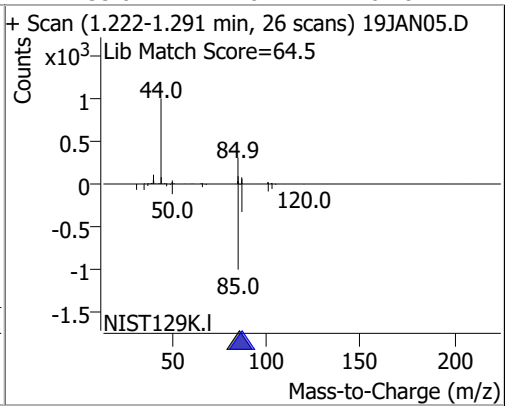
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.829	97.0	16614	11.5510	ng		98
T Carbon tetrachloride	6.024	117.0	15775	11.3084	ng		97
T 1,1-Dichloropropene	6.041	75.0	12417	10.6461	ng		94
T Benzene	6.286	78.0	37609	11.7214	ng		96
T 1,2-Dichloroethane	6.322	62.0	11123	12.5510	ng		99
T Trichloroethene	7.022	95.0	10949	11.6577	ng		97
T 1,2-Dichloropropane	7.273	63.0	9499	11.5033	ng		98
T Dibromomethane	7.396	93.0	4088	11.7450	ng		84
T Bromodichloromethane	7.585	83.0	12025	12.2862	ng		95
T cis-1,3-Dichloropropene	8.059	75.0	12472	11.6126	ng		92
T Toluene	8.386	92.0	21899	10.7342	ng		97
T trans-1,3-Dichloropropene	8.634	75.0	8755	11.1755	ng		93
T 1,1,2-Trichloroethane	8.815	83.0	4762	11.9543	ng		92
T Tetrachloroethene	8.938	163.8	8964	10.8355	ng		96
T 1,3-Dichloropropane	8.985	76.0	9988	12.3902	ng		94
T Chlorodibromomethane	9.203	129.0	7984	12.4449	ng		96
T 1,2-Dibromoethane	9.306	107.0	4936	11.2192	ng		87
T Chlorobenzene	9.797	112.0	26688	11.9332	ng		96
T 1,1,1,2-Tetrachloroethane	9.894	131.0	9446	12.0378	ng		94
T Ethylbenzene	9.914	91.0	42980	11.9196	ng		95
T m+p-Xylenes	10.037	106.0	31103	22.1645	ng		100
T o-Xylene	10.435	106.0	13717	11.3234	ng		98
T Styrene	10.447	104.0	21872	10.9234	ng		99
T Bromoform	10.631	172.5	4402	13.0389	ng		96
T Bromobenzene	11.091	156.0	9784	11.9266	ng		99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	5757	12.3034	ng		97
T 1,2,3-Trichloropropane	11.147	110.0	1522	12.3825	ng	m	99
T 2-Chlorotoluene	11.292	126.0	9032	11.1243	ng		98
T 4-Chlorotoluene	11.400	91.0	26850	10.2102	ng		95
T 1,3-Dichlorobenzene	12.033	146.0	17111	11.5123	ng		96
T 1,4-Dichlorobenzene	12.125	146.0	17730	11.7008	ng		81
T 1,2-Dichlorobenzene	12.496	146.0	14345	11.5601	ng		97

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

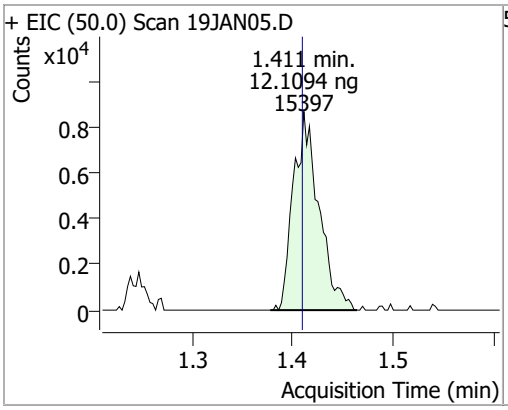
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	11.7428	1.24	0.00	12682	87.0	35.0	1.8	61.8

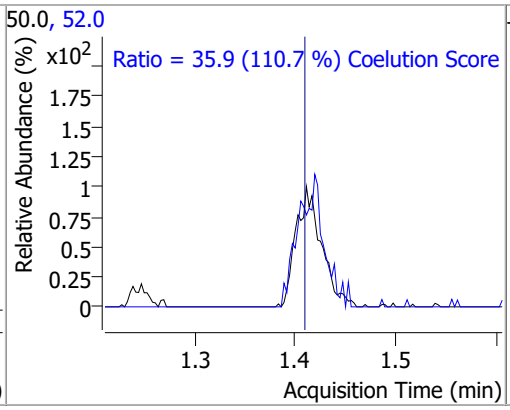


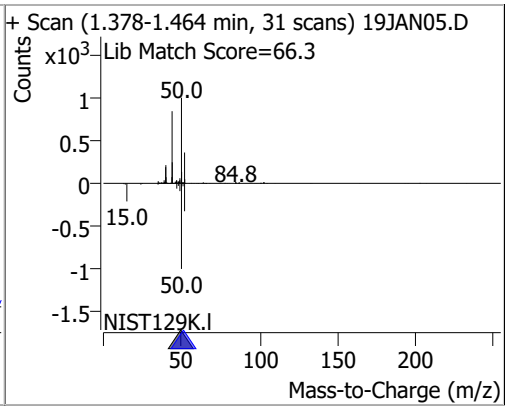




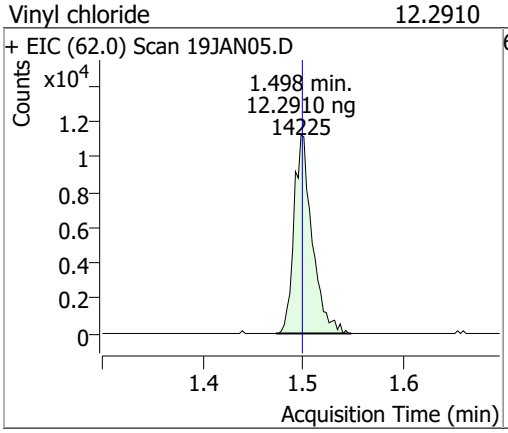
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	12.1094	1.41	0.00	15397	52.0	35.9	2.4	62.4

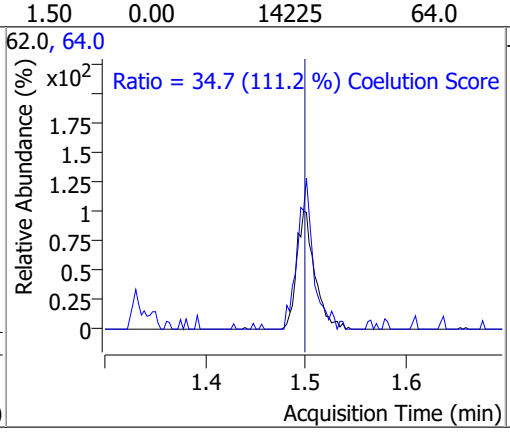


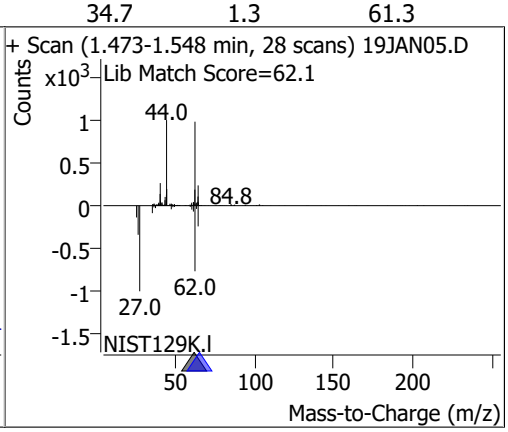




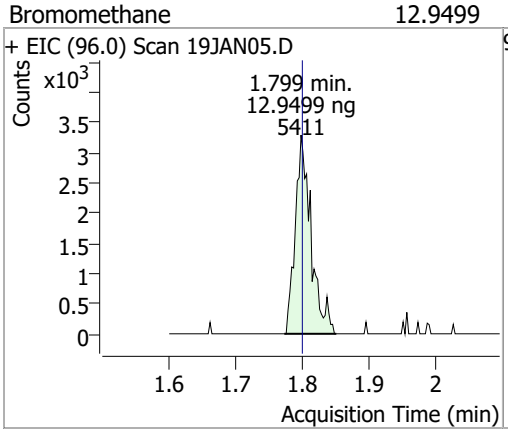
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	12.2910	1.50	0.00	14225	64.0	34.7	1.3	61.3

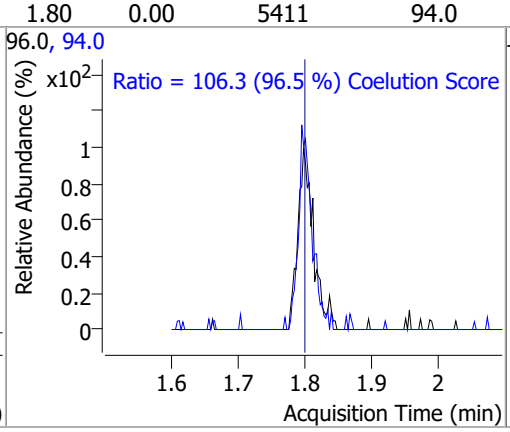


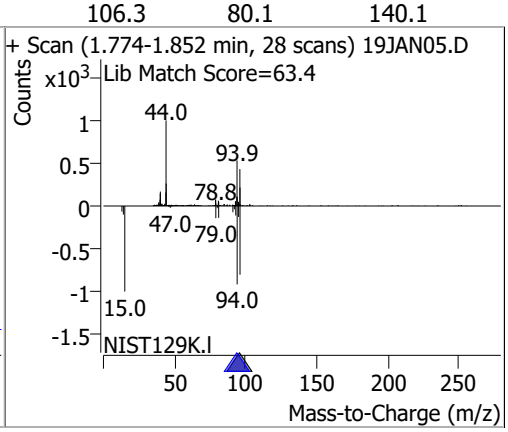




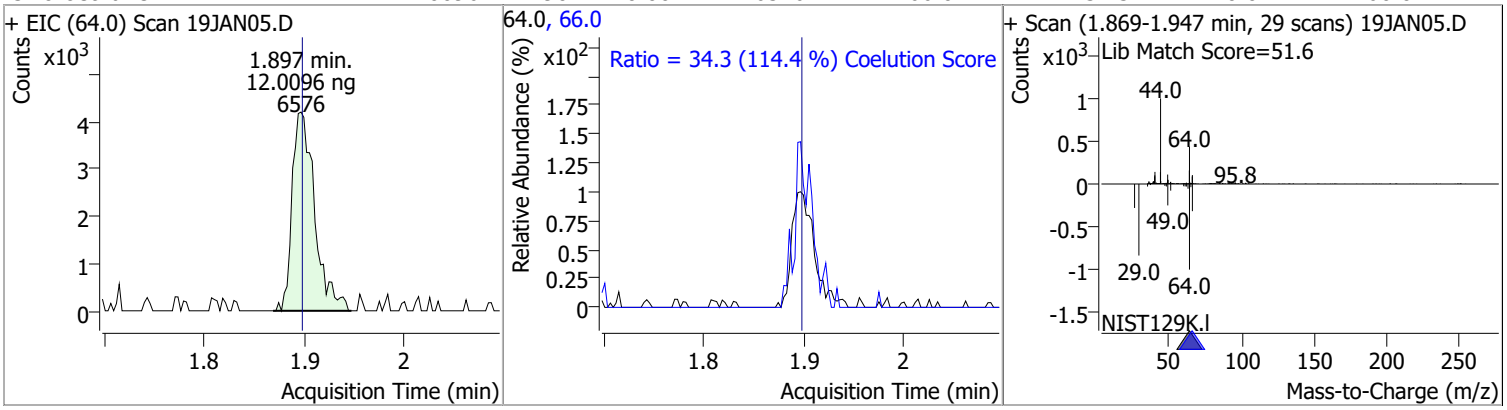
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	12.9499	1.80	0.00	5411	94.0	106.3	80.1	140.1



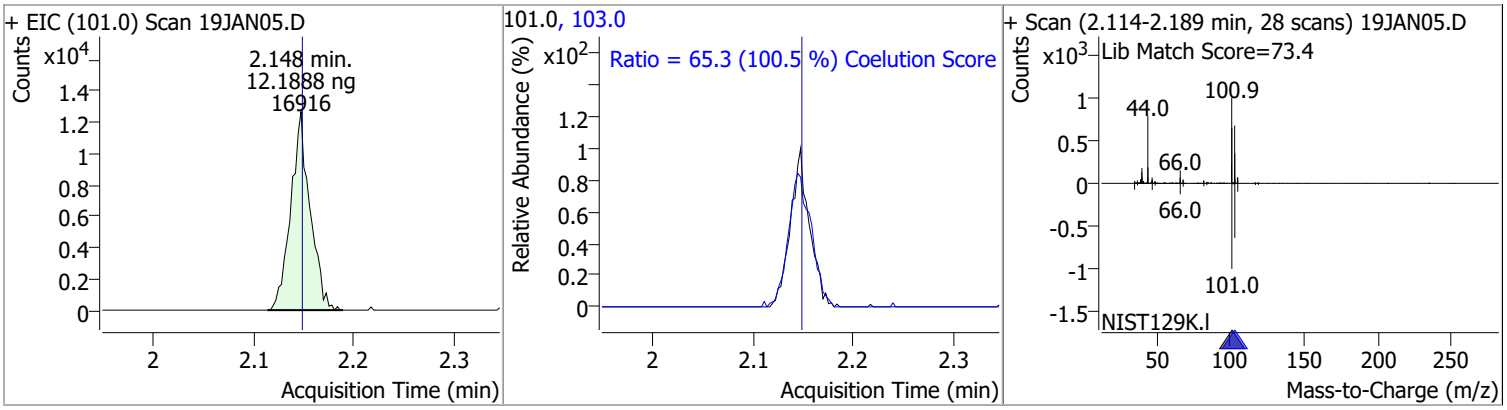




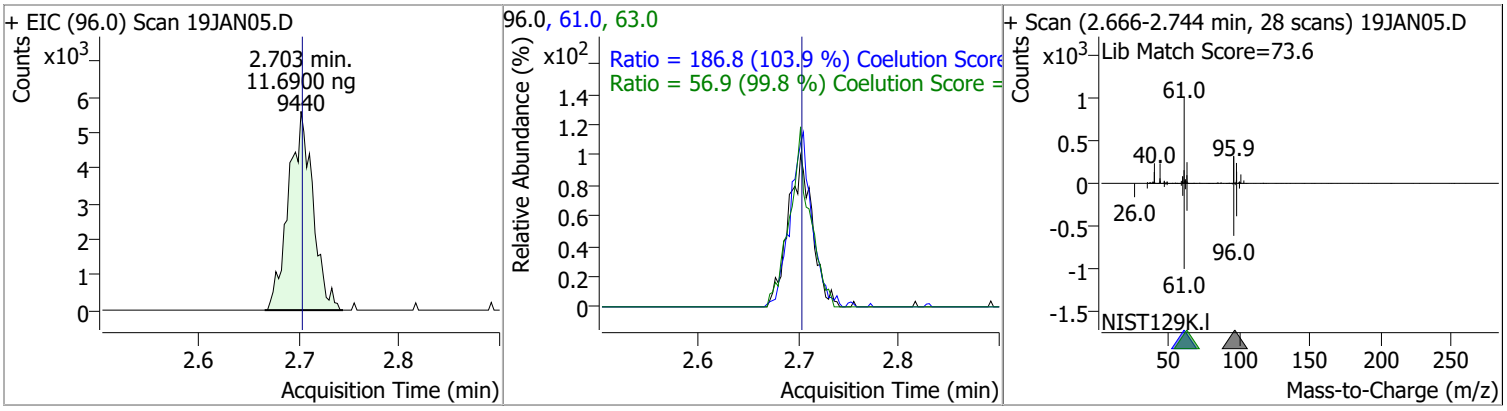
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	12.0096	1.90	0.00	6576	66.0	34.3	0.0	60.0



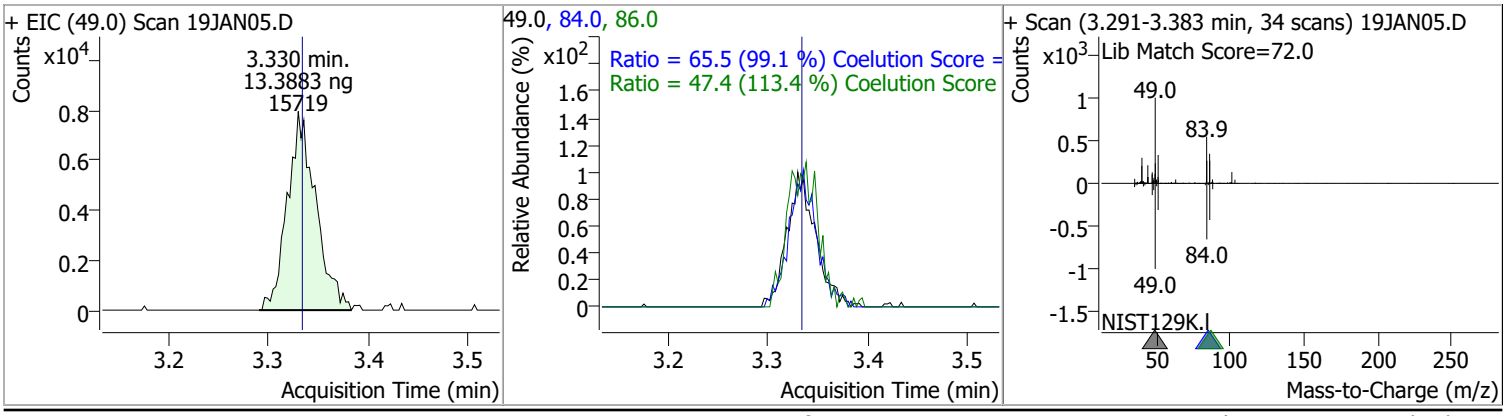
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	12.1888	2.15	0.00	16916	103.0	65.3	35.0	95.0



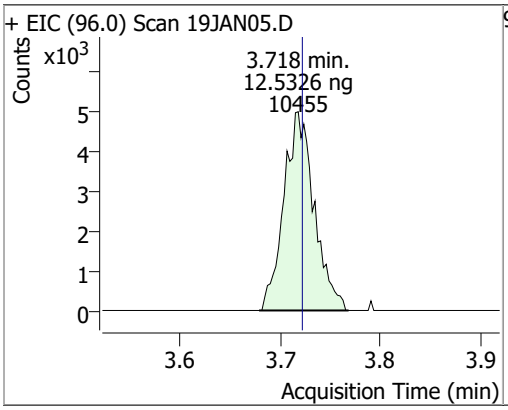
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	11.6900	2.70	0.00	9440	61.0	186.8	149.9	209.9
					63.0	56.9	27.0	87.0

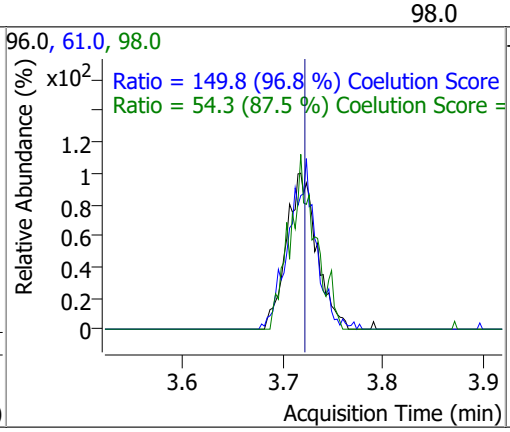


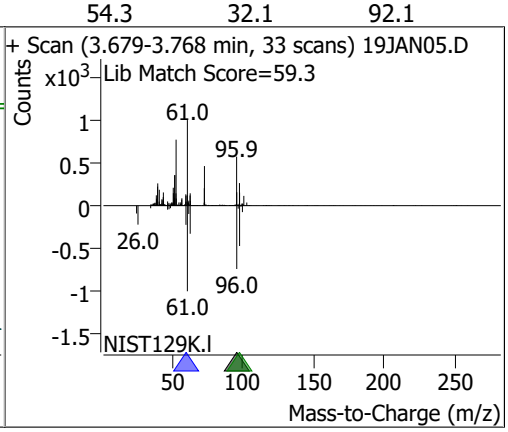
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	13.3883	3.33	0.00	15719	84.0	65.5	36.1	96.1
					86.0	47.4	11.8	71.8



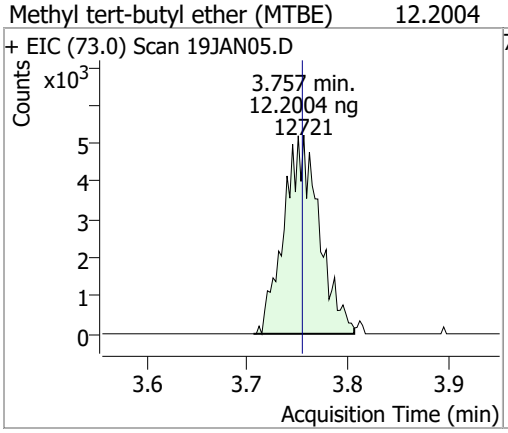
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	12.5326	3.72	0.00	10455	61.0	149.8	124.8	184.8
					98.0	54.3	32.1	92.1

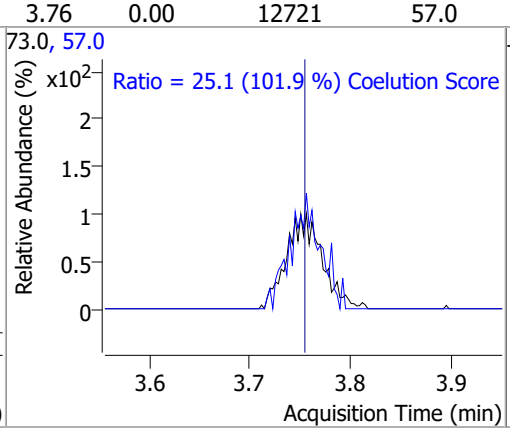


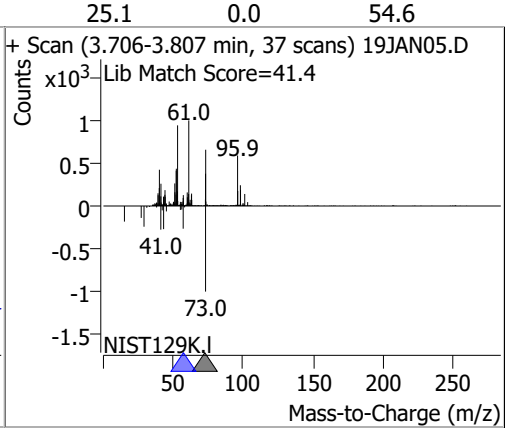




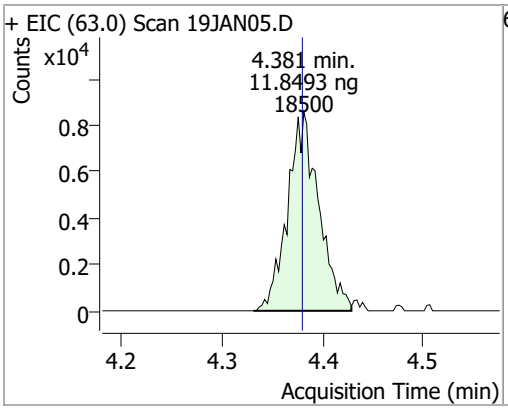
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	12.2004	3.76	0.00	12721	57.0	25.1	0.0	54.6

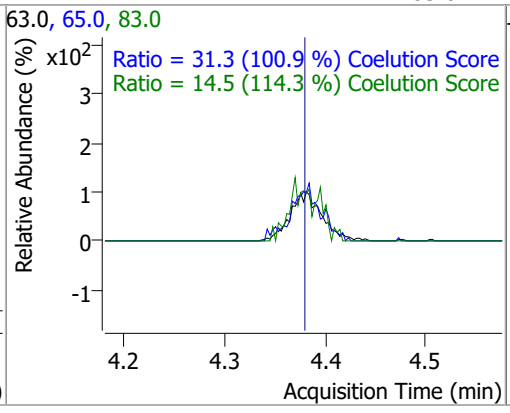


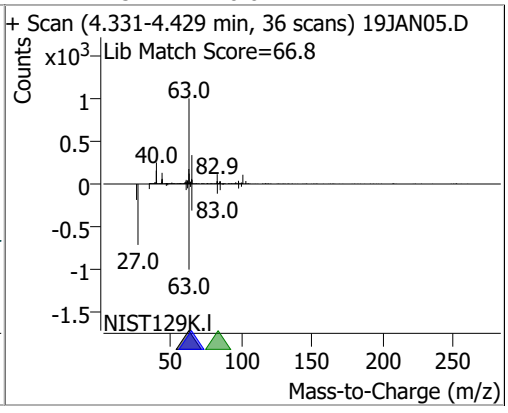




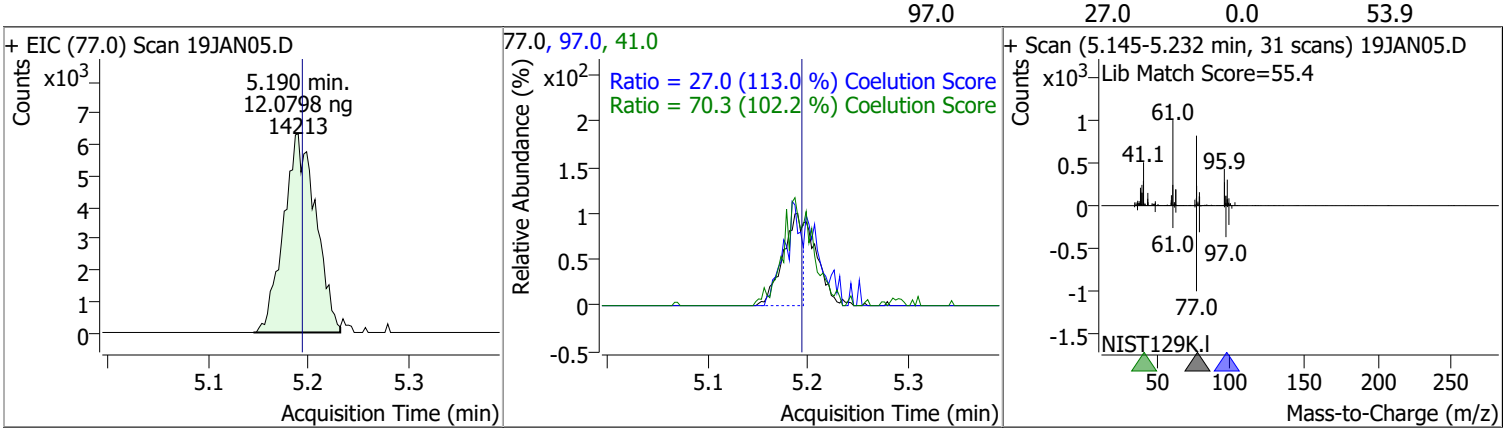
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	11.8493	4.38	0.00	18500	65.0	31.3	1.0	61.0
					83.0	14.5	0.0	42.7



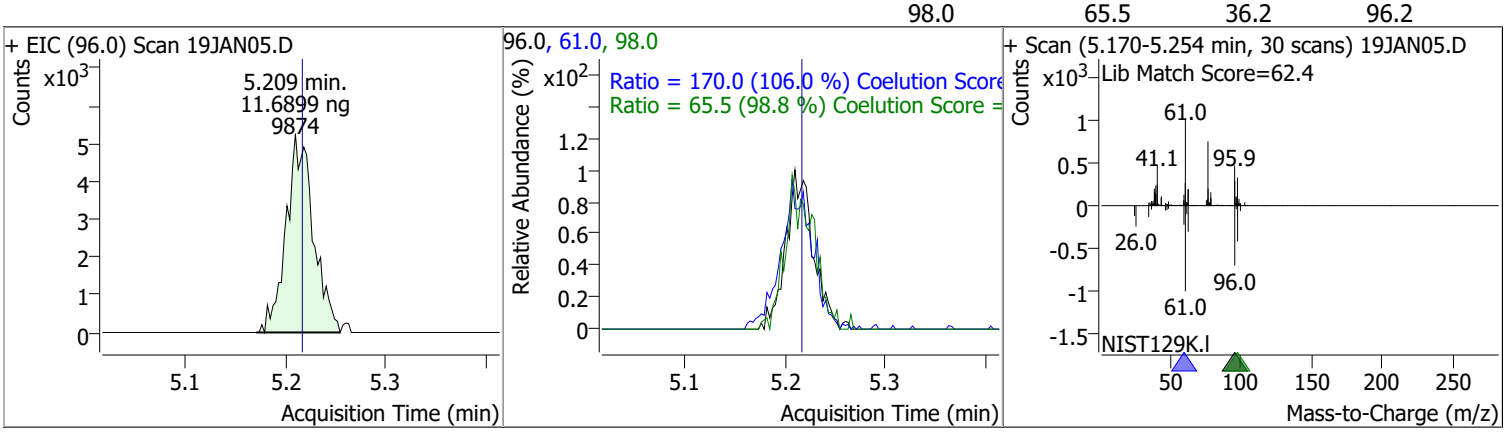




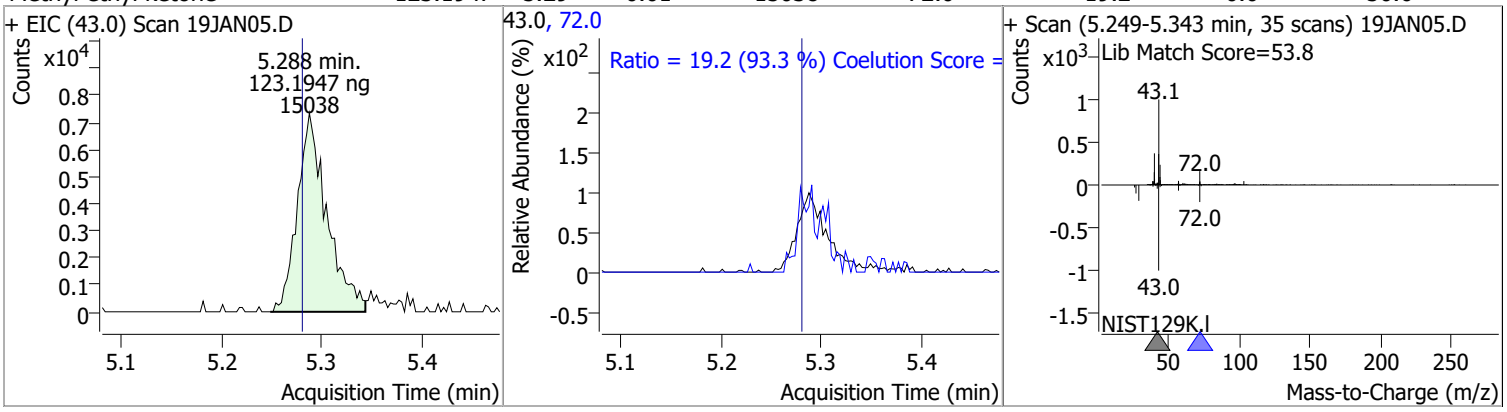
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	12.0798	5.19	0.00	14213	41.0	70.3	38.8	98.8
					97.0	27.0	0.0	53.9



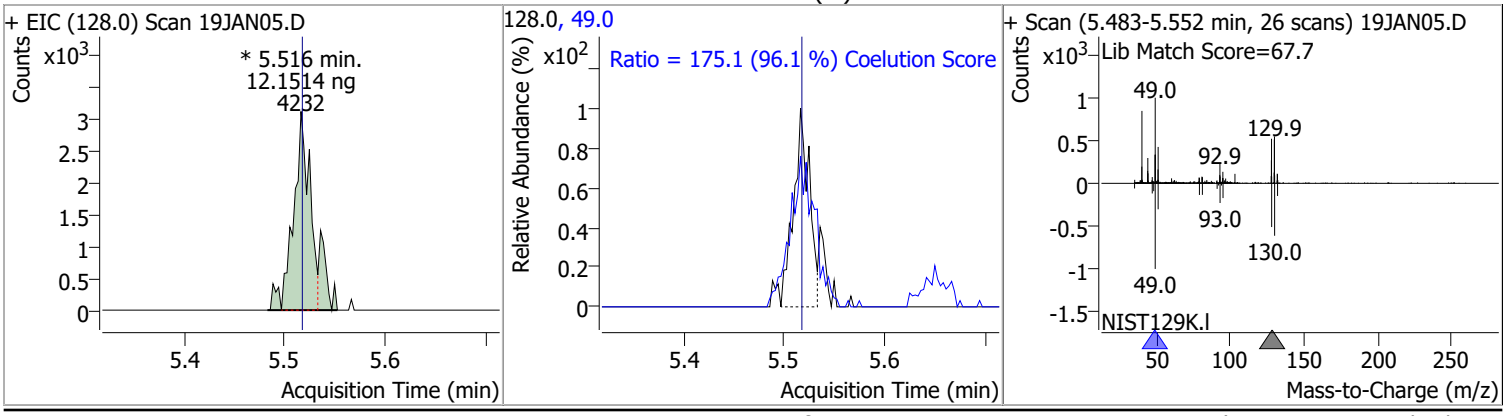
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	11.6899	5.21	-0.01	9874	61.0	170.0	130.4	190.4
					98.0	65.5	36.2	96.2



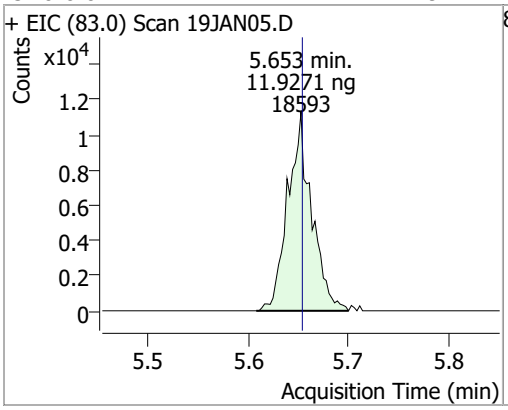
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	123.1947	5.29	0.01	15038	72.0	19.2	0.0	50.6

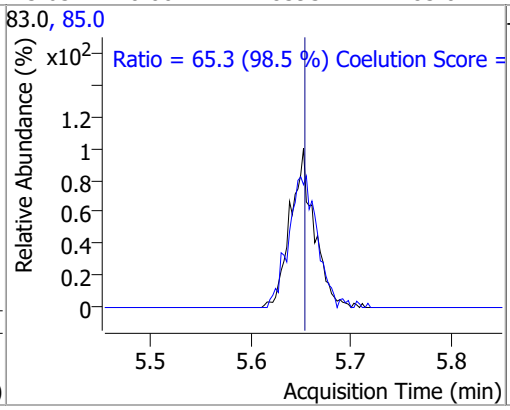


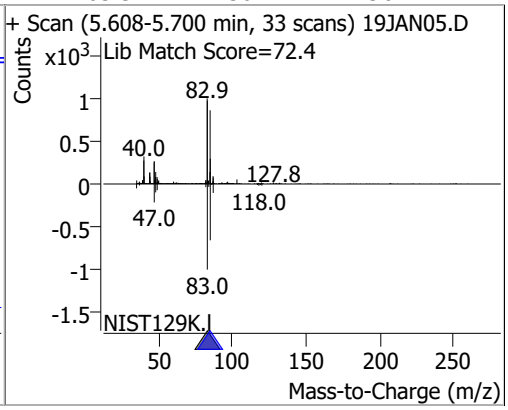
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	12.1514	5.52	0.00	4232 (m)	49.0	175.1	152.2	212.2



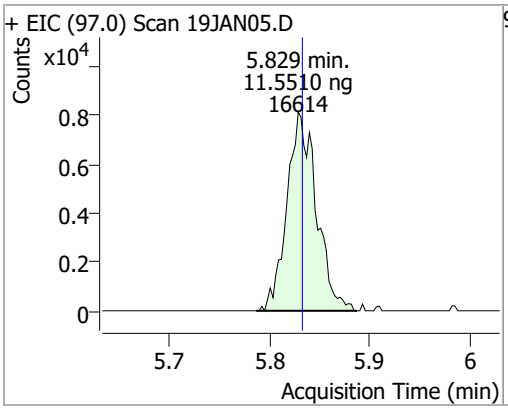
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	11.9271	5.65	0.00	18593	85.0	65.3	36.2	96.2

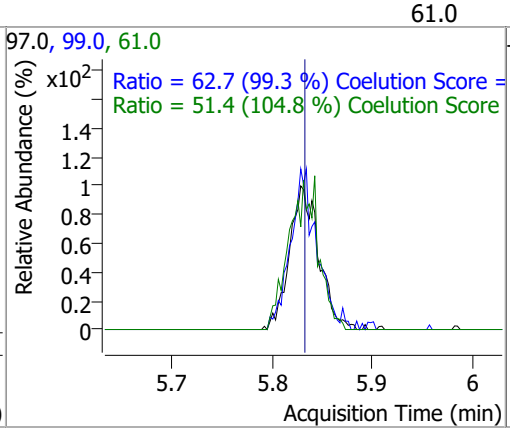


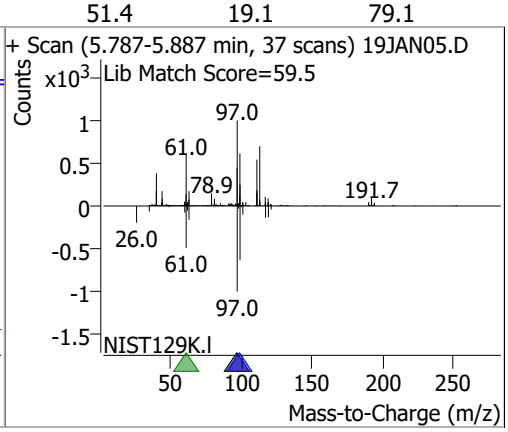




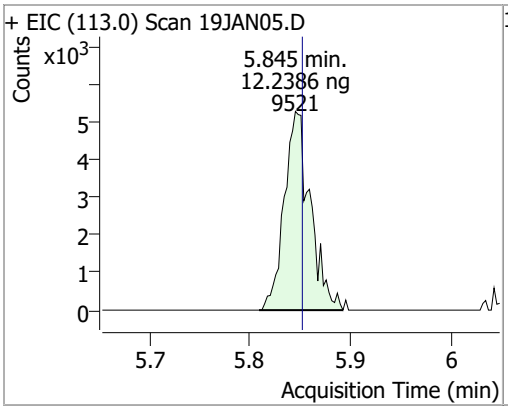
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	11.5510	5.83	0.00	16614	99.0	62.7	33.1	93.1
					61.0	51.4	19.1	79.1

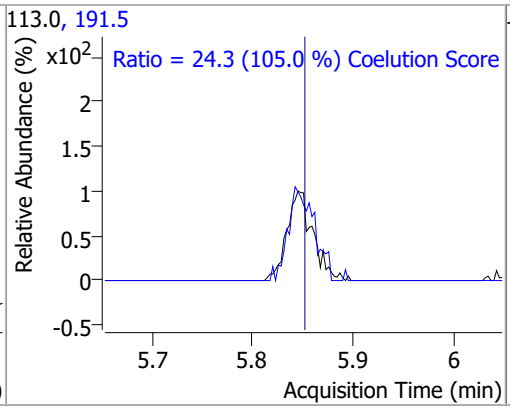


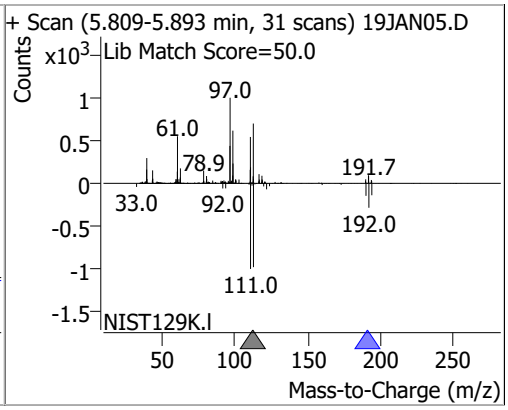




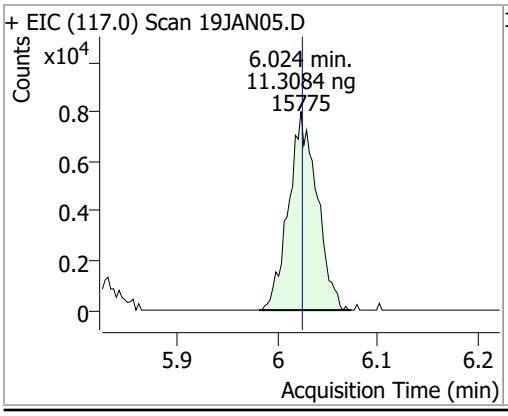
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	12.2386	5.85	-0.01	9521	191.5	24.3	0.0	53.2

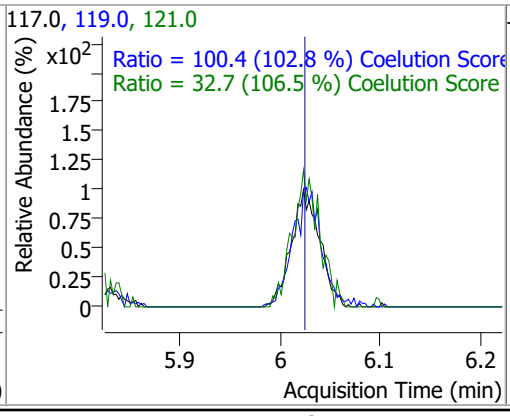


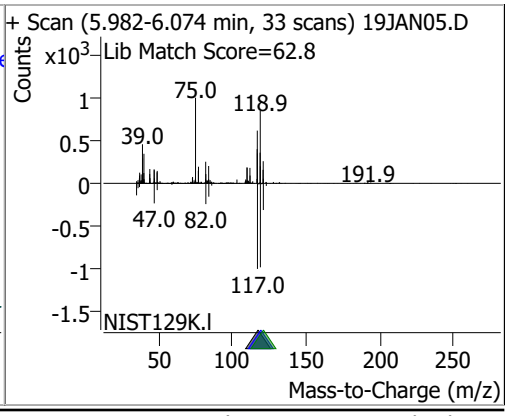




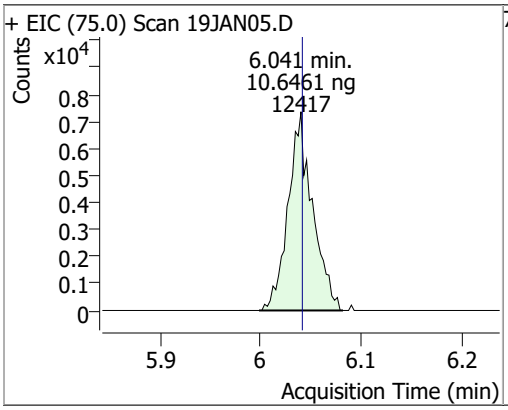
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	11.3084	6.02	0.00	15775	119.0	100.4	67.6	127.6
					121.0	32.7	0.7	60.7

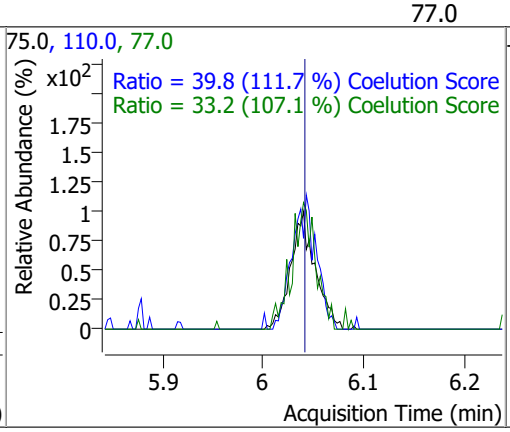


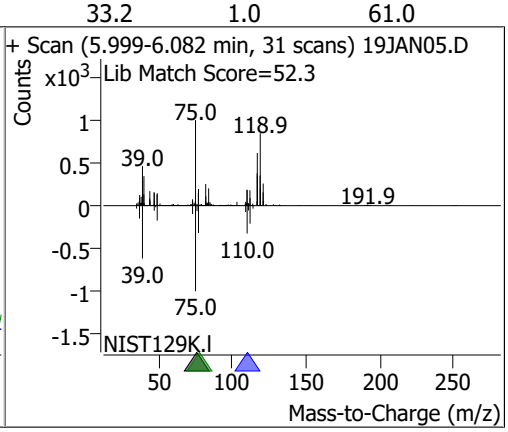




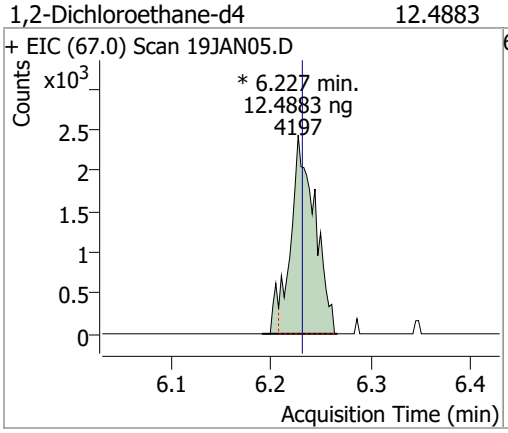
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	10.6461	6.04	0.00	12417	110.0	39.8	5.6	65.6
					77.0	33.2	1.0	61.0

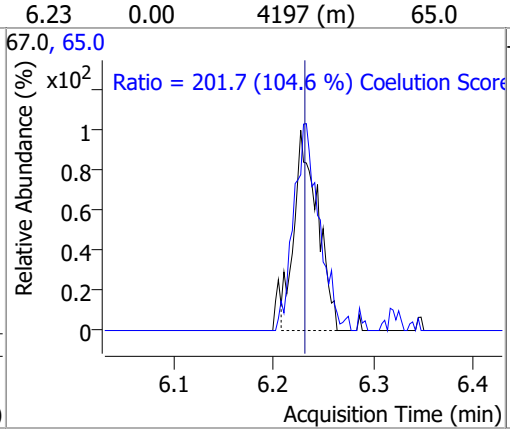


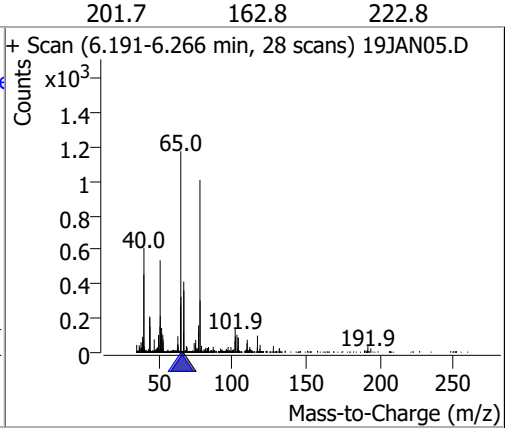




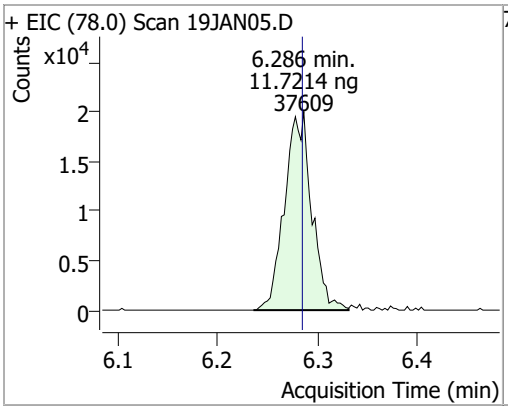
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	12.4883	6.23	0.00	4197 (m)	65.0	201.7	162.8	222.8

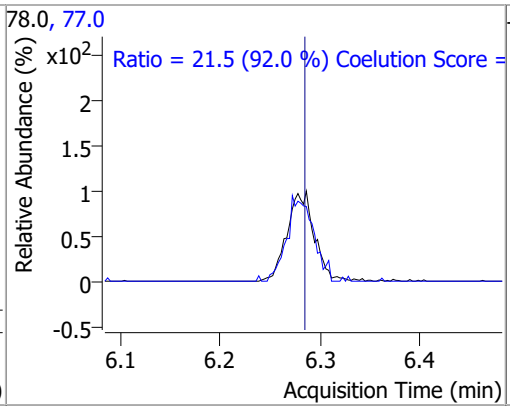


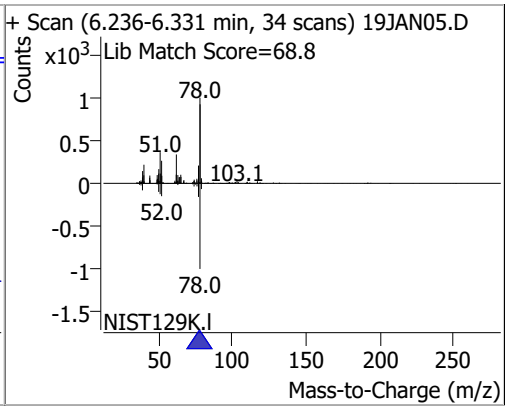




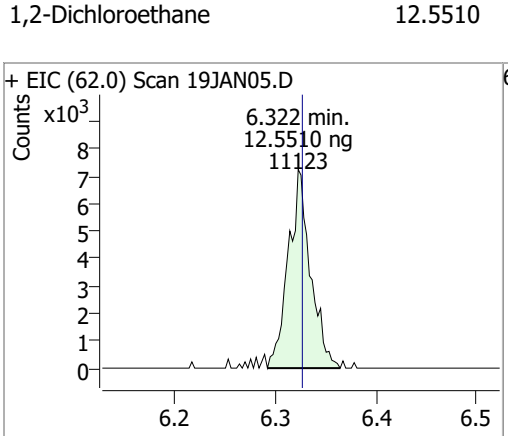
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	11.7214	6.29	0.00	37609	77.0	21.5	0.0	53.3

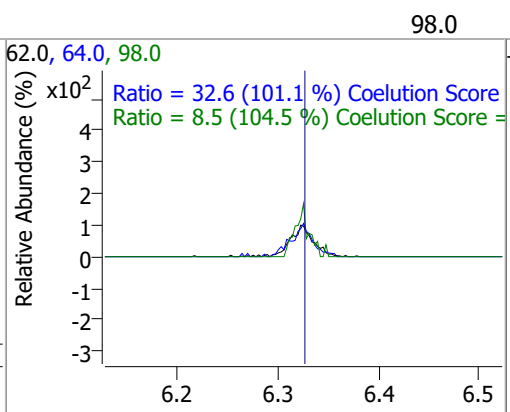


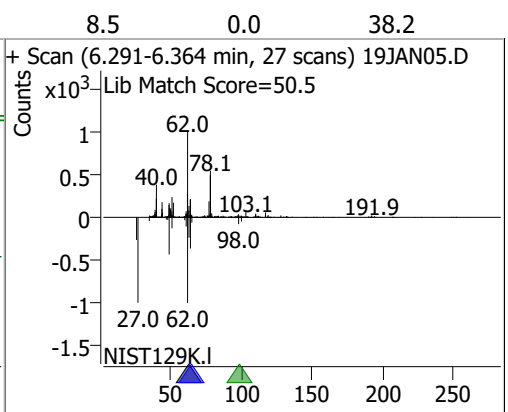




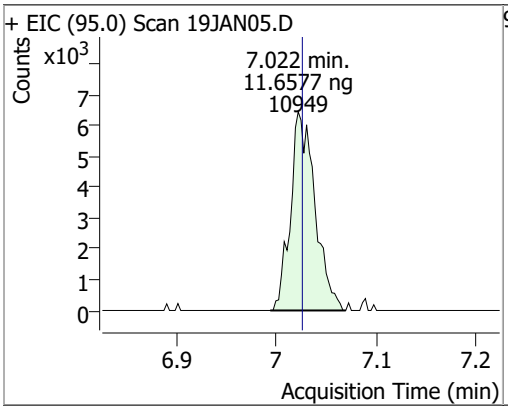
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	12.5510	6.32	0.00	11123	64.0	32.6	2.2	62.2
					98.0	8.5	0.0	38.2

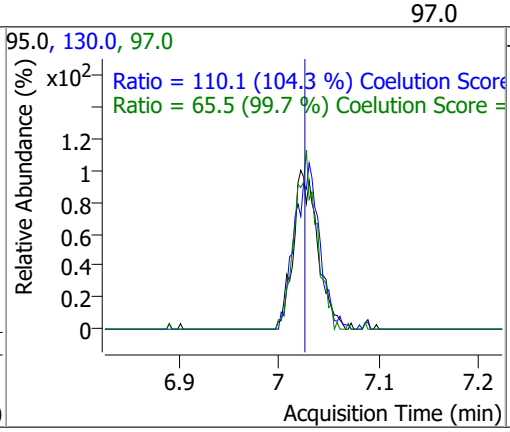


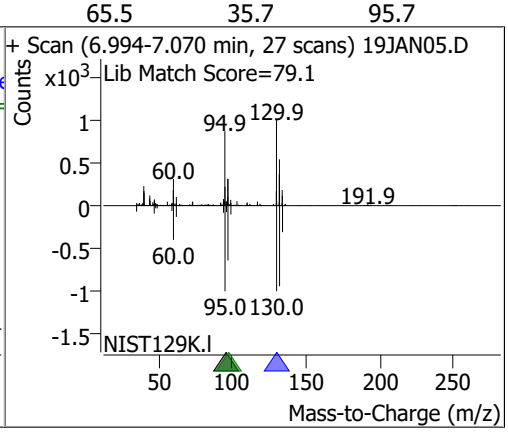




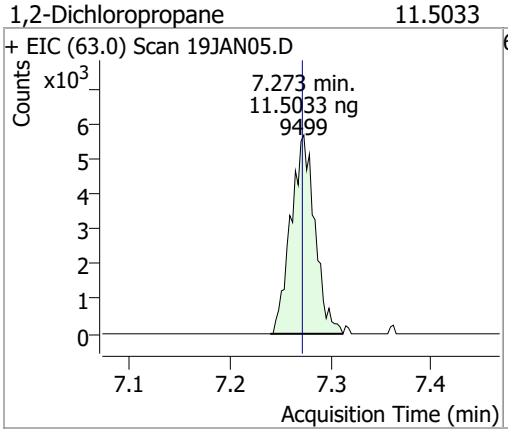
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	11.6577	7.02	0.00	10949	130.0	110.1	75.6	135.6
					97.0	65.5	35.7	95.7

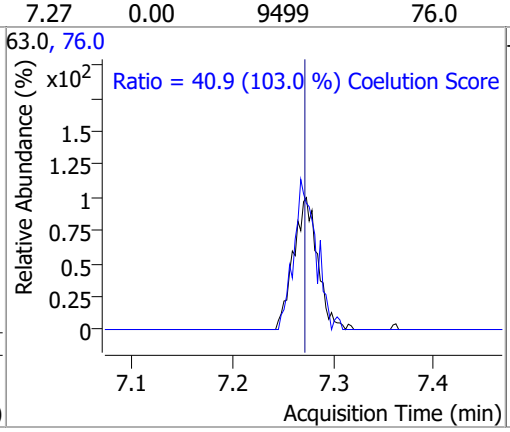


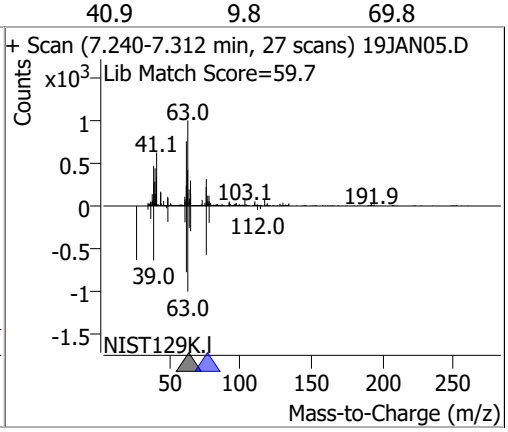




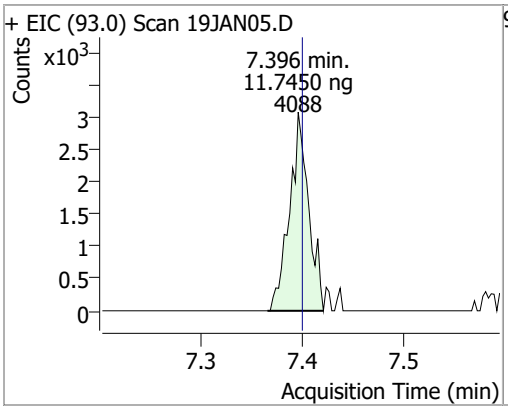
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	11.5033	7.27	0.00	9499	76.0	40.9	9.8	69.8

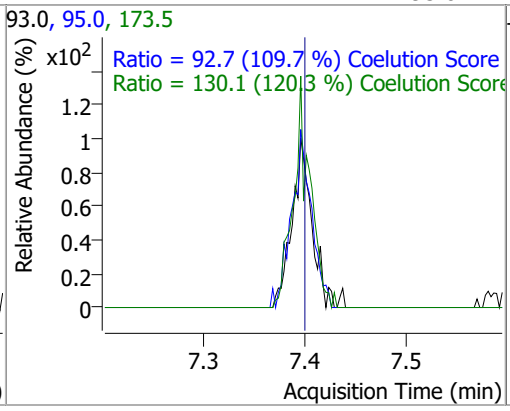


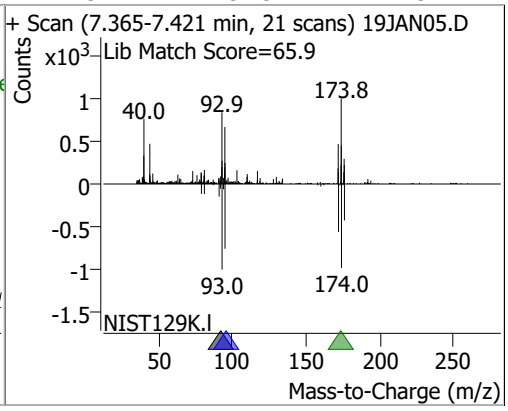




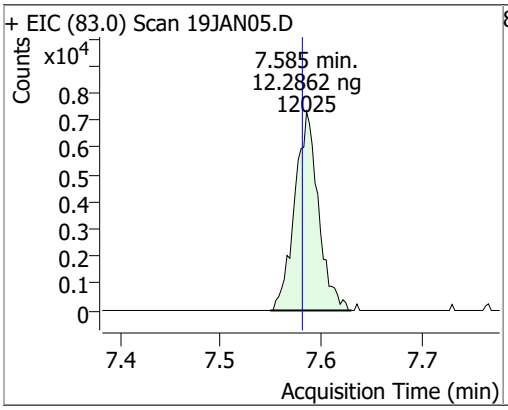
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	11.7450	7.40	0.00	4088	173.5	130.1	78.2	138.2
					95.0	92.7	54.5	114.5

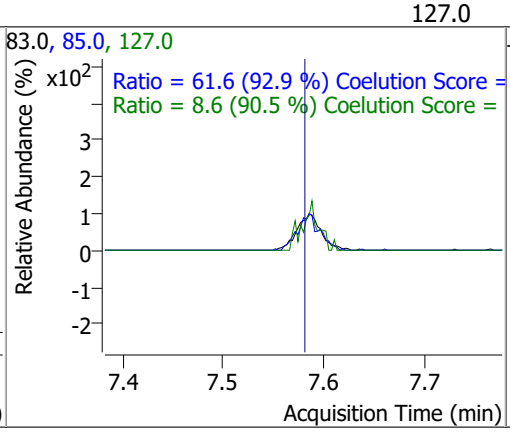


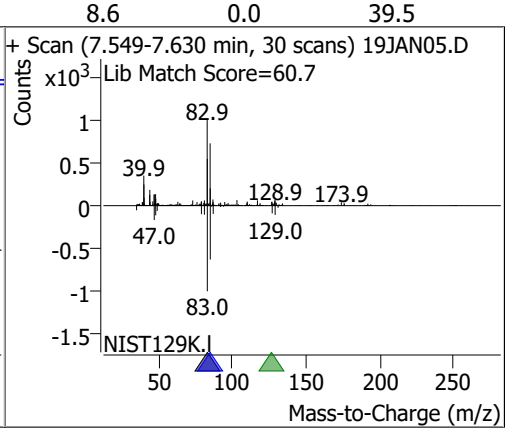




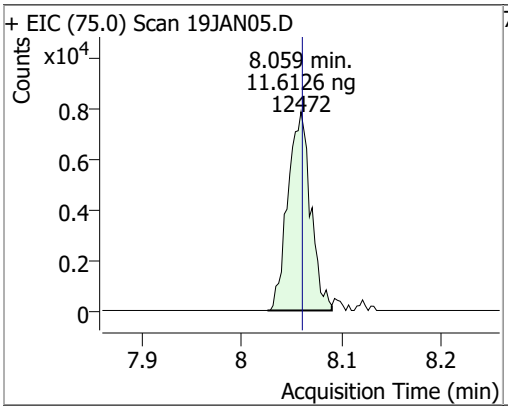
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	12.2862	7.59	0.01	12025	85.0	61.6	36.3	96.3
					127.0	8.6	0.0	39.5

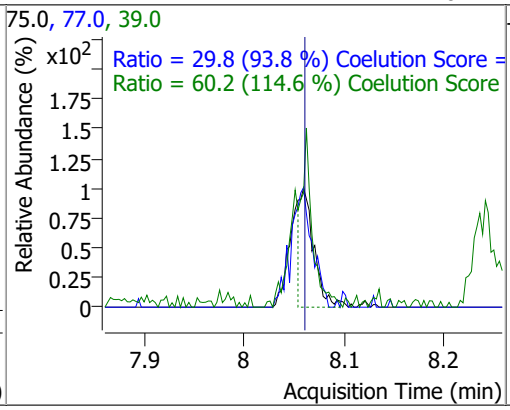


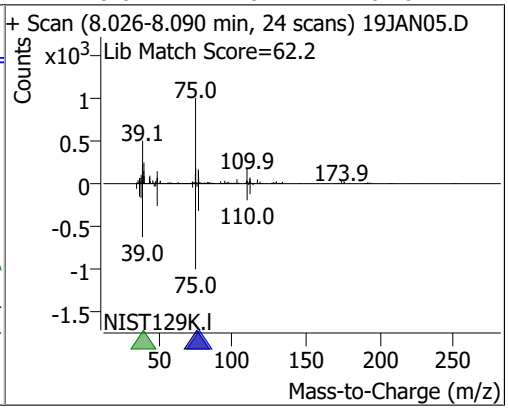




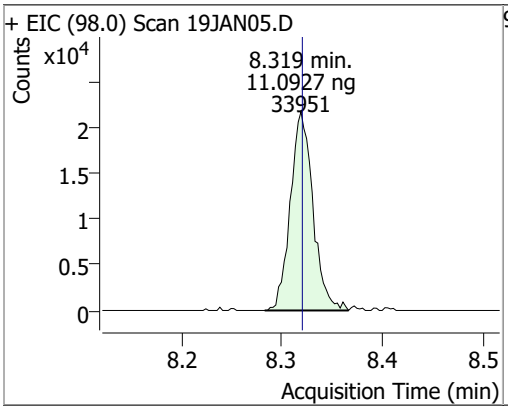
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	11.6126	8.06	0.00	12472	39.0	60.2	22.5	82.5
					77.0	29.8	1.8	61.8

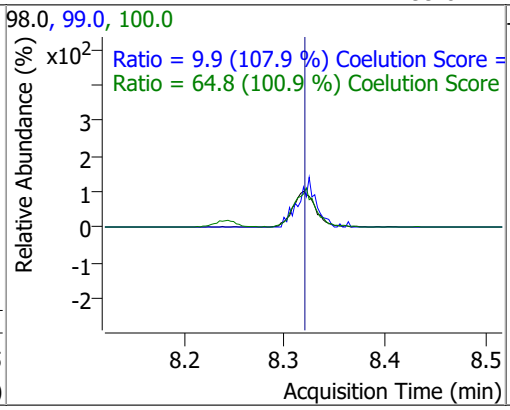


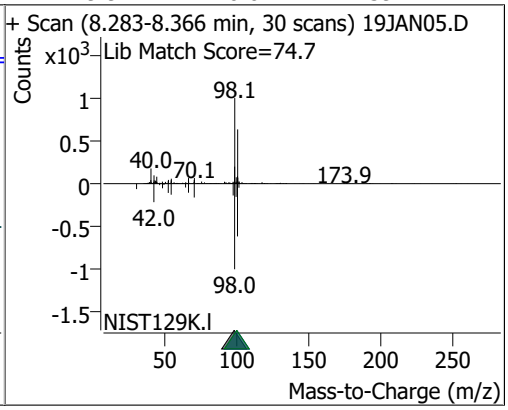




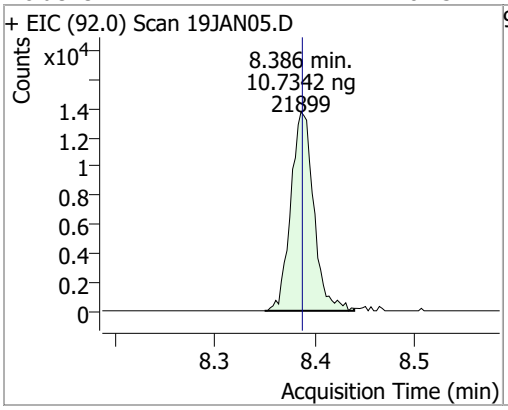
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	11.0927	8.32	0.00	33951	100.0	64.8	34.3	94.3
					99.0	9.9	0.0	39.2

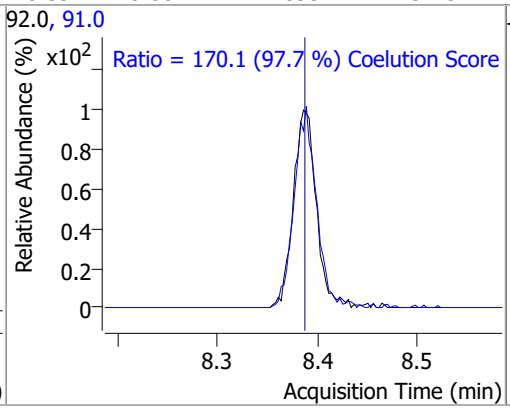


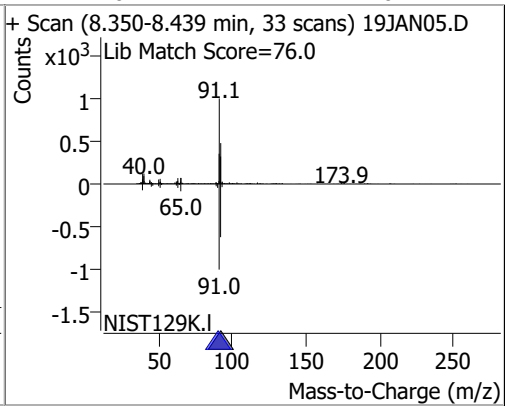




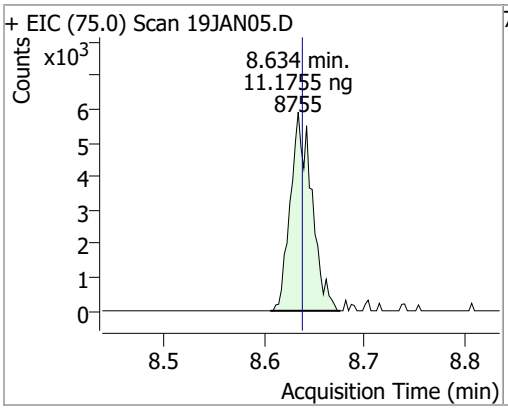
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	10.7342	8.39	0.00	21899	91.0	170.1	144.1	204.1

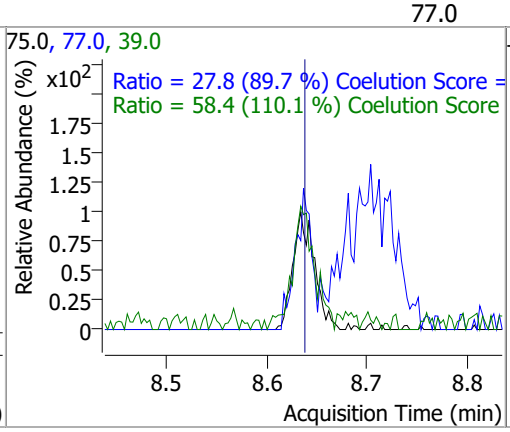


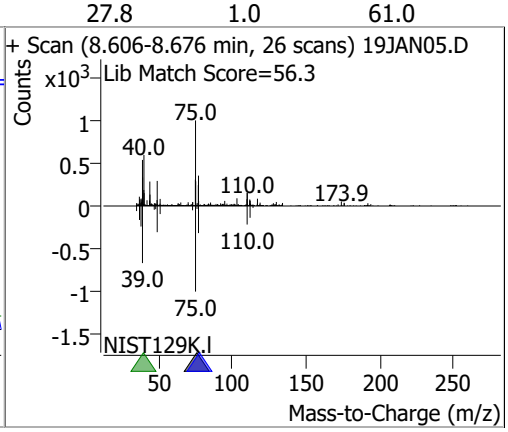




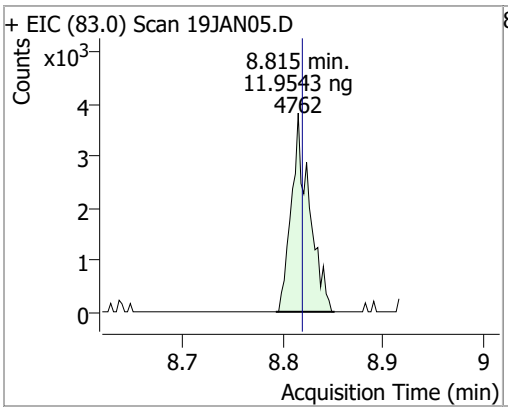
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	11.1755	8.63	0.00	8755	39.0	58.4	23.0	83.0
					77.0	27.8	1.0	61.0

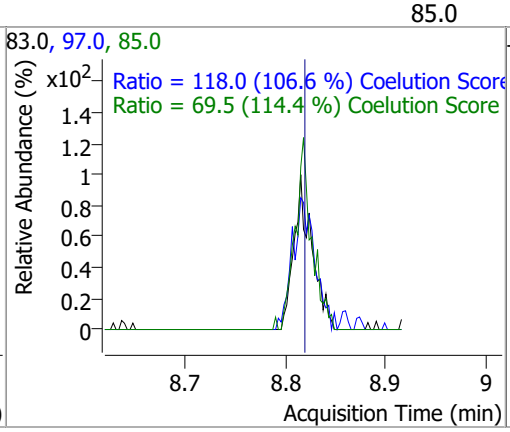


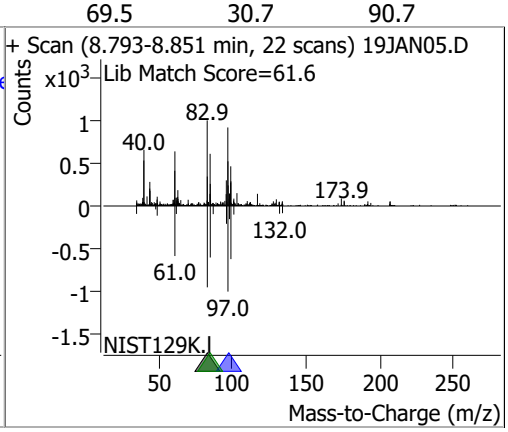




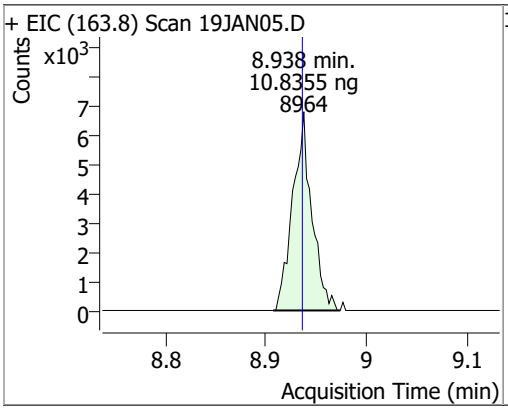
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	11.9543	8.82	0.00	4762	97.0	118.0	80.7	140.7
					85.0	69.5	30.7	90.7

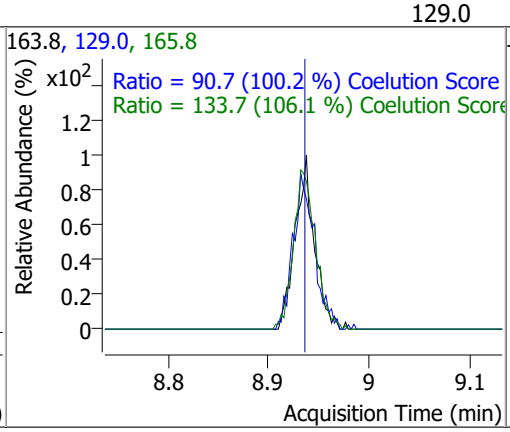


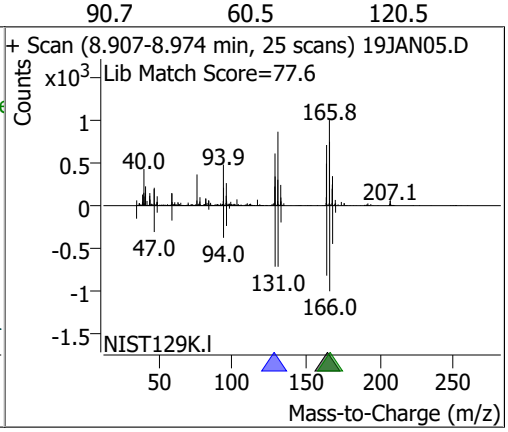




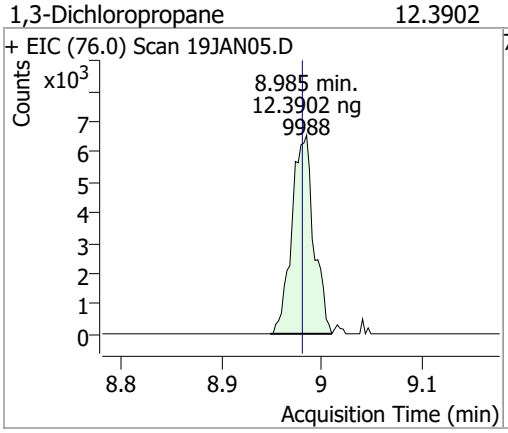
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	10.8355	8.94	0.00	8964	165.8	133.7	96.1	156.1
					129.0	90.7	60.5	120.5

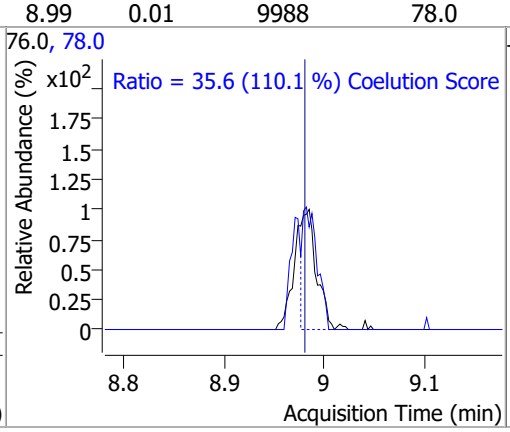


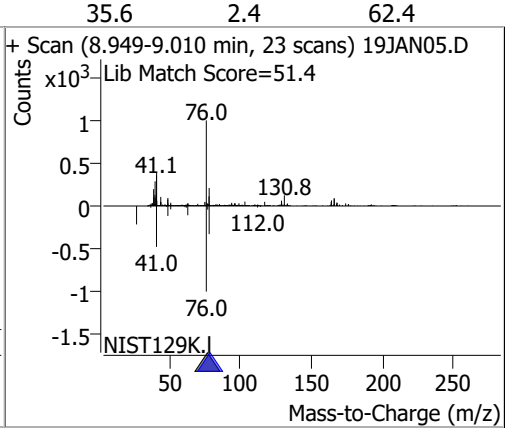




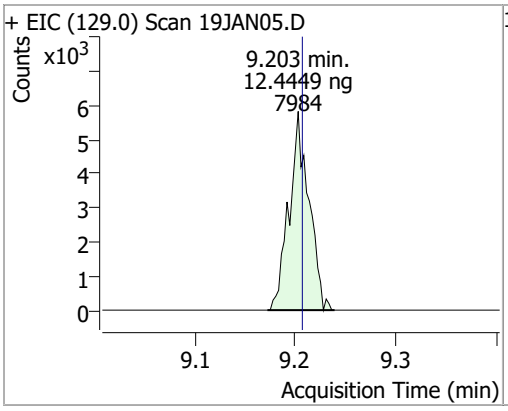
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	12.3902	8.99	0.01	9988	78.0	35.6	2.4	62.4

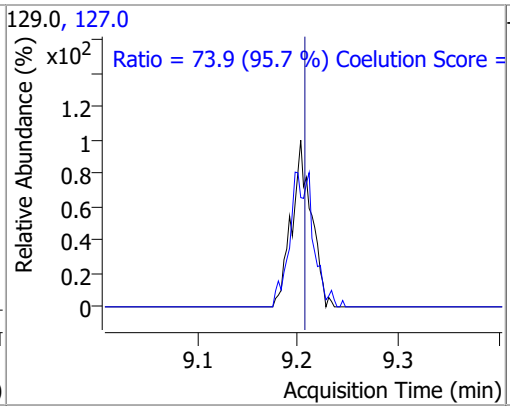


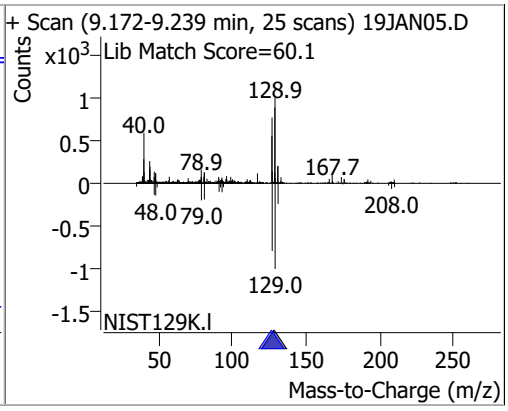




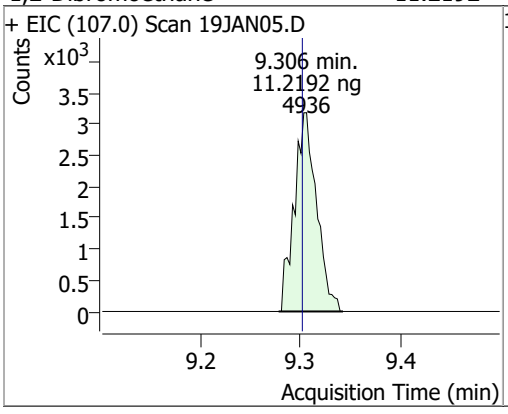
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	12.4449	9.20	0.00	7984	127.0	73.9	47.2	107.2

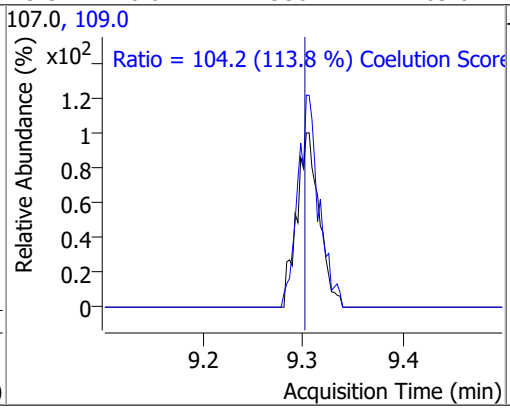


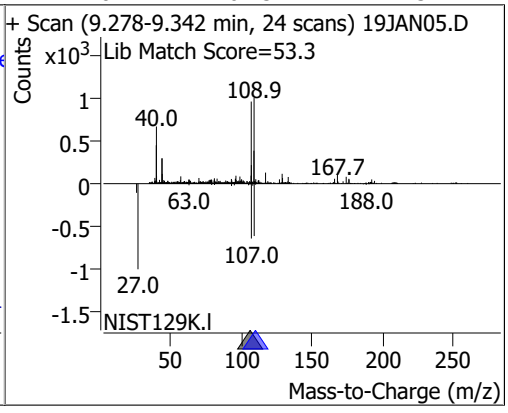




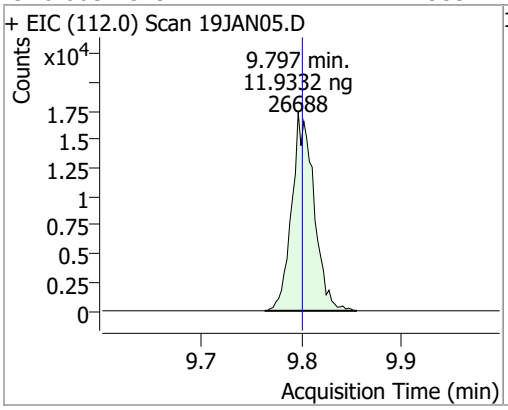
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	11.2192	9.31	0.01	4936	109.0	104.2	61.5	121.5

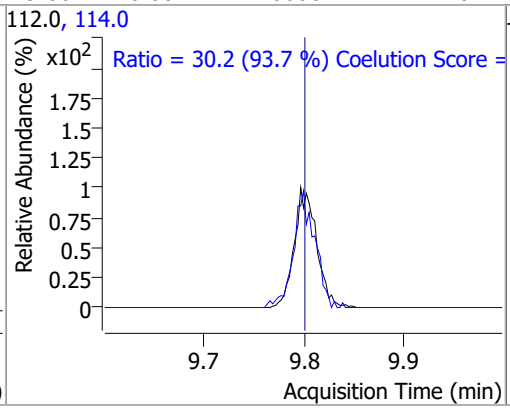


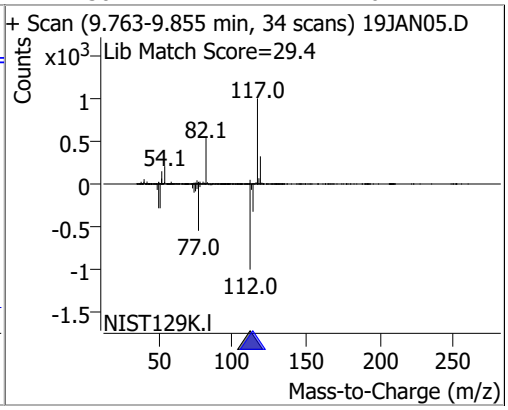




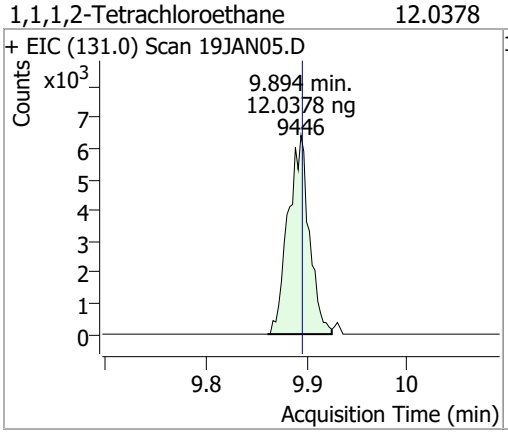
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	11.9332	9.80	0.00	26688	114.0	30.2	2.2	62.2

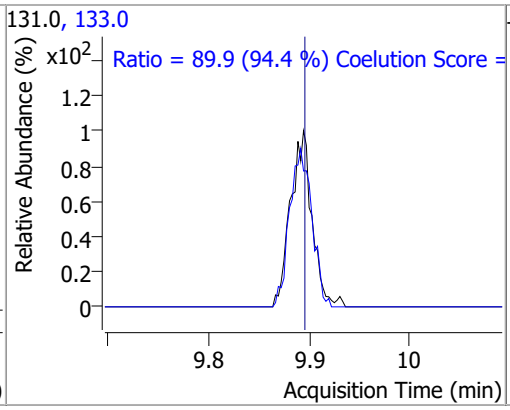


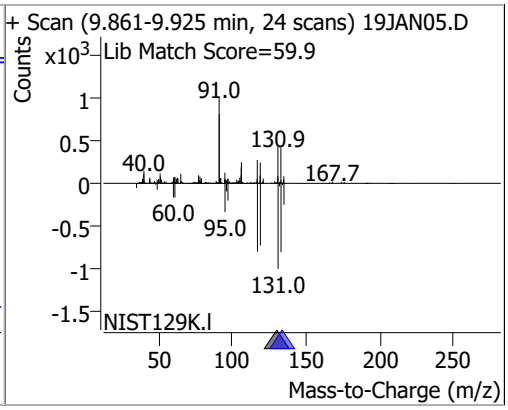




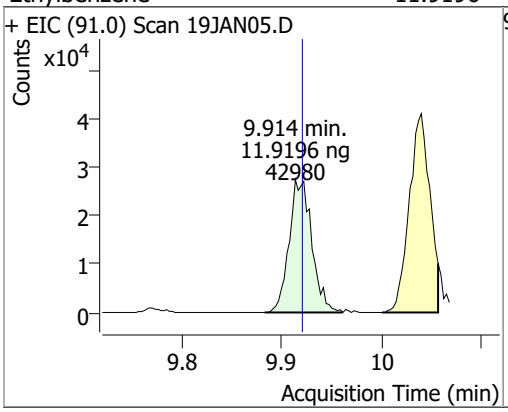
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	12.0378	9.89	0.00	9446	133.0	89.9	65.3	125.3

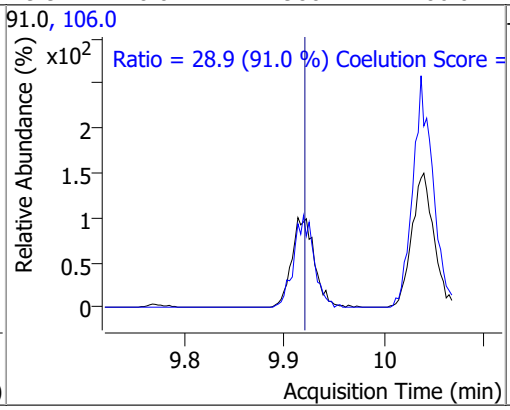


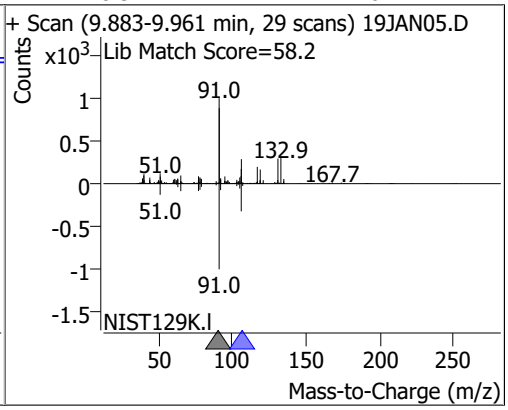




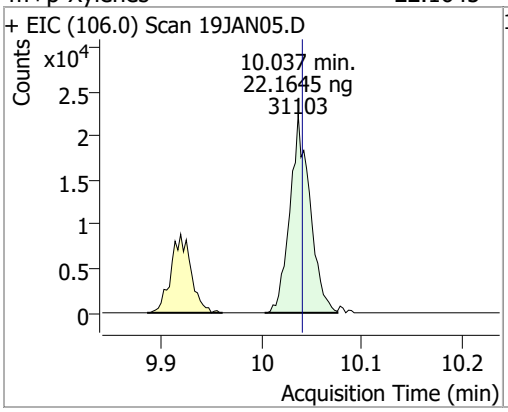
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	11.9196	9.91	-0.01	42980	106.0	28.9	1.7	61.7

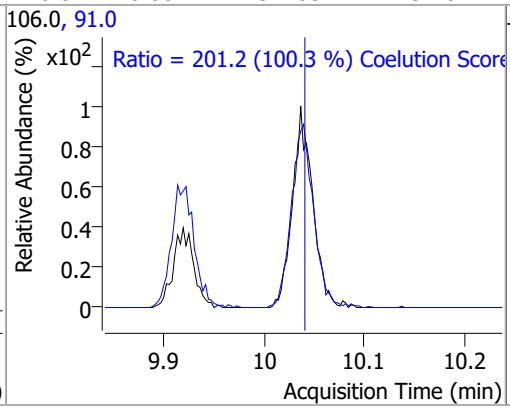


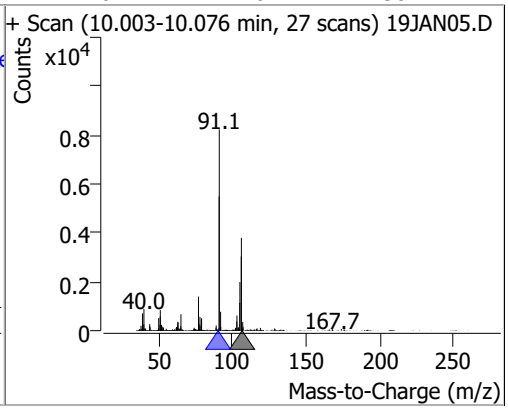




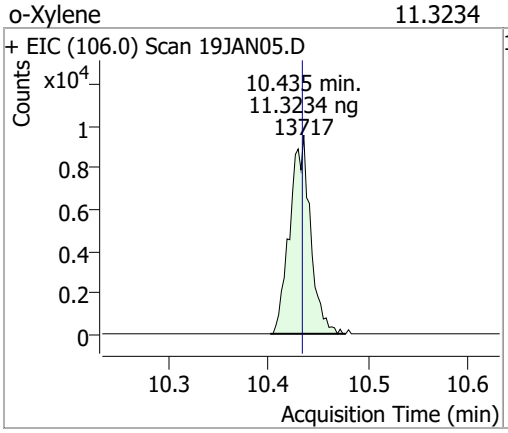
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	22.1645	10.04	0.00	31103	91.0	201.2	170.7	230.7

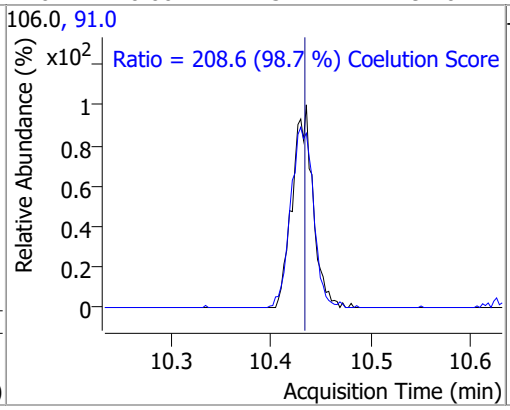


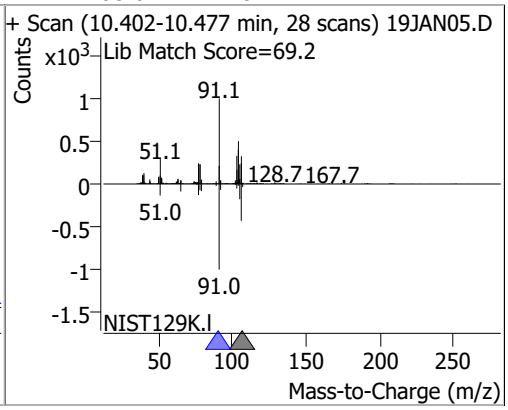




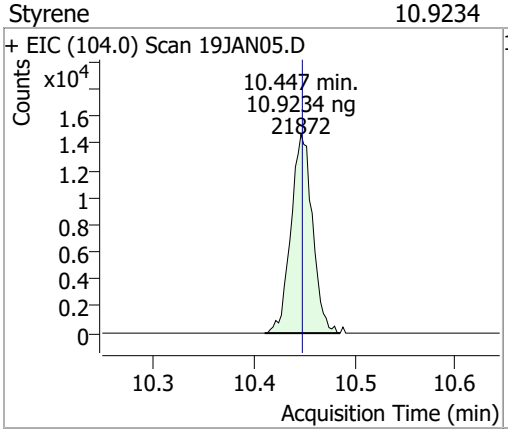
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	11.3234	10.44	0.00	13717	91.0	208.6	181.4	241.4

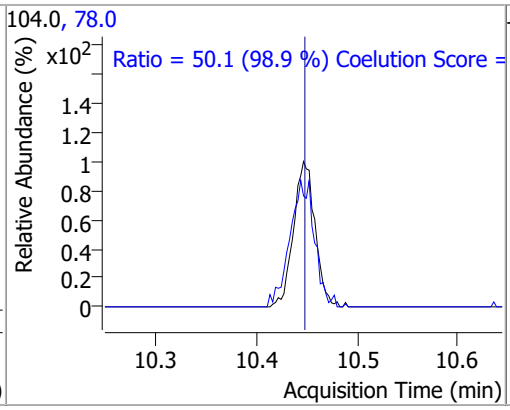


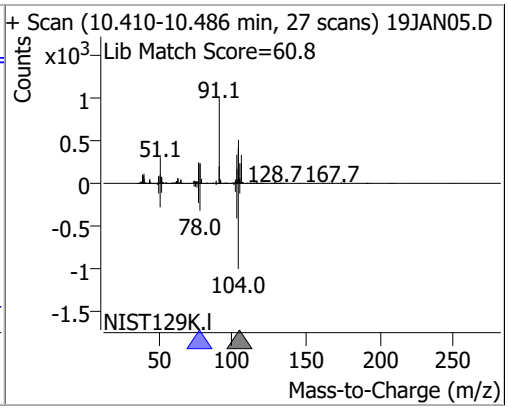




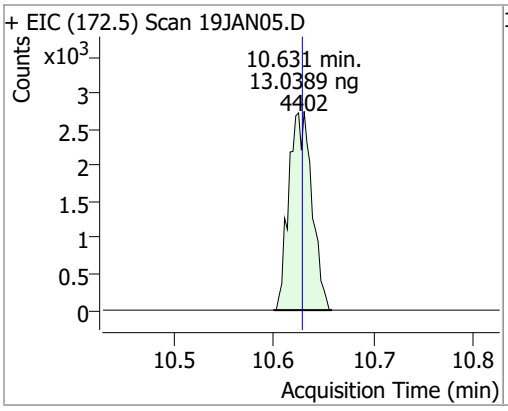
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	10.9234	10.45	0.00	21872	78.0	50.1	20.6	80.6

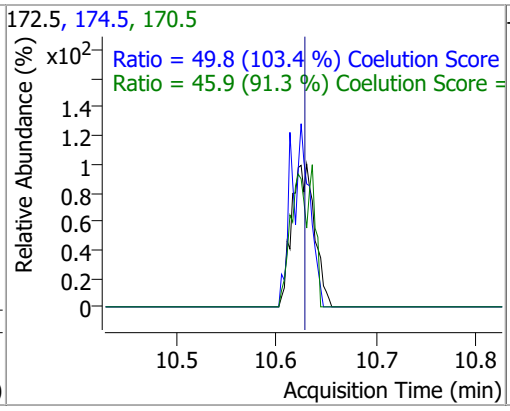


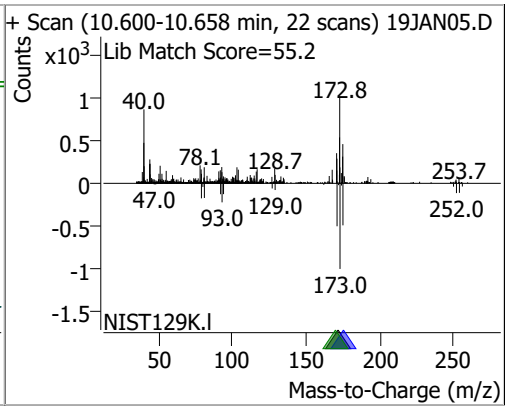




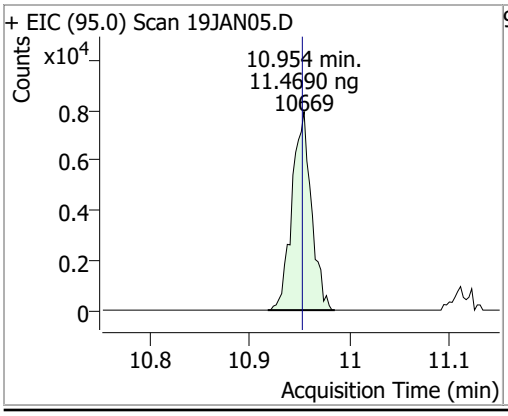
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	13.0389	10.63	0.01	4402	170.5	45.9	20.3	80.3
					174.5	49.8	18.1	78.1

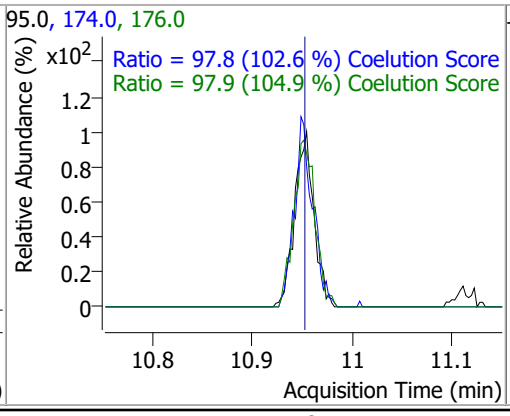


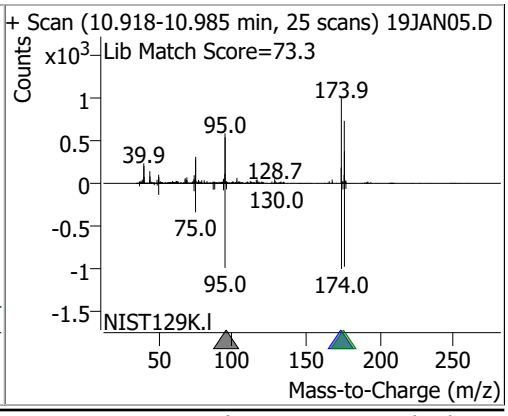




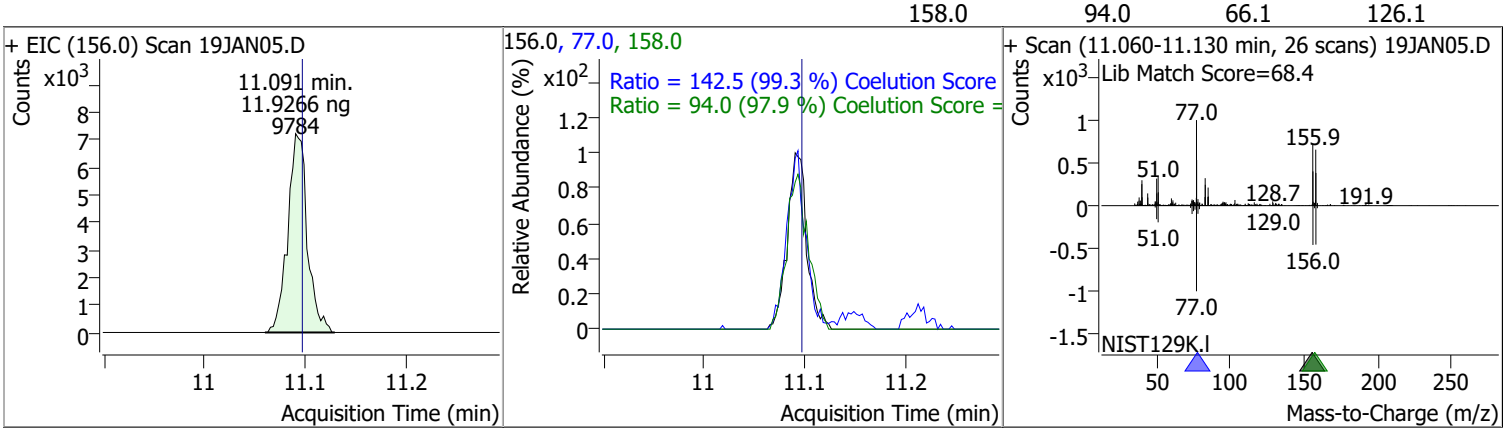
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	11.4690	10.95	0.01	10669	174.0	97.8	65.3	125.3
					176.0	97.9	63.3	123.3



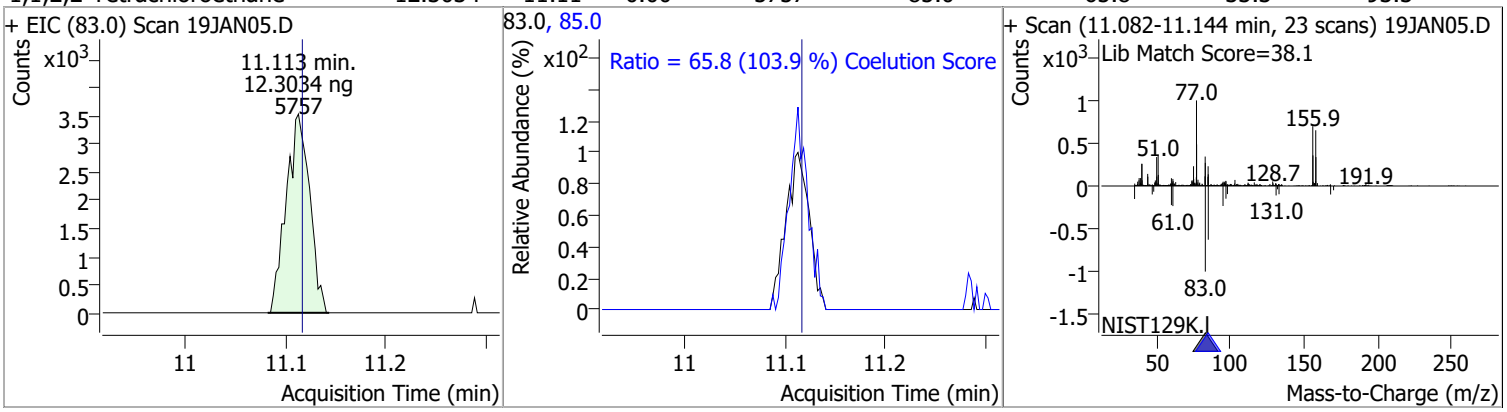




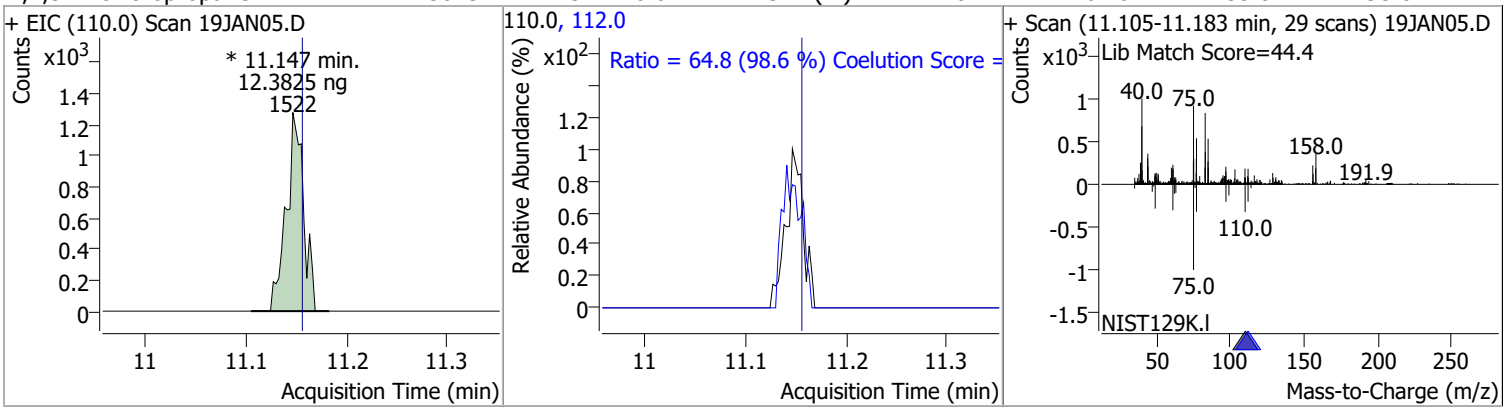
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	11.9266	11.09	0.00	9784	77.0	142.5	113.5	173.5
					158.0	94.0	66.1	126.1



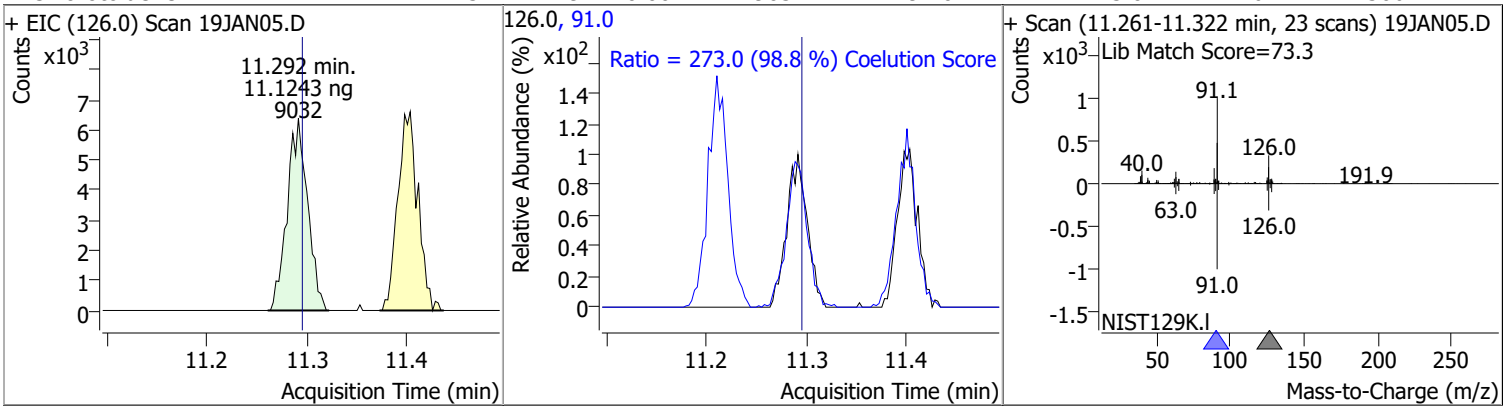
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	12.3034	11.11	0.00	5757	85.0	65.8	33.3	93.3



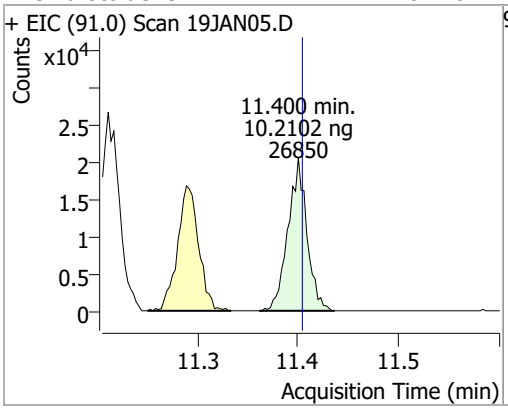
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	12.3825	11.15	-0.01	1522 (m)	112.0	64.8	35.8	95.8

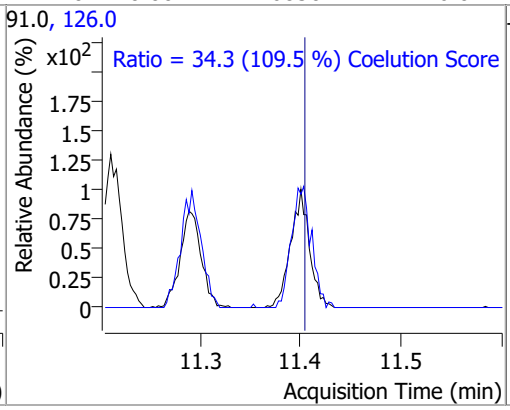


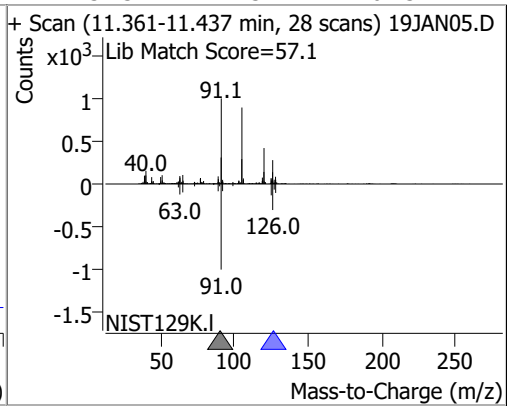
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	11.1243	11.29	0.00	9032	91.0	273.0	246.2	306.2



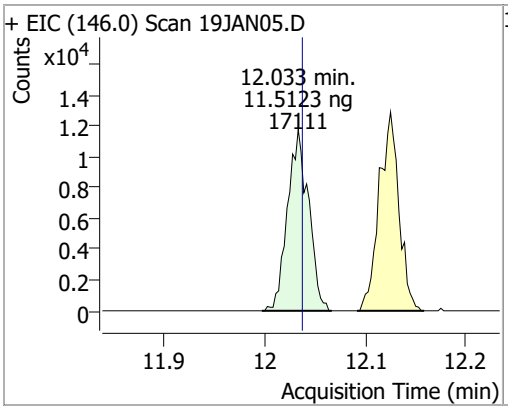
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	10.2102	11.40	0.00	26850	126.0	34.3	1.3	61.3

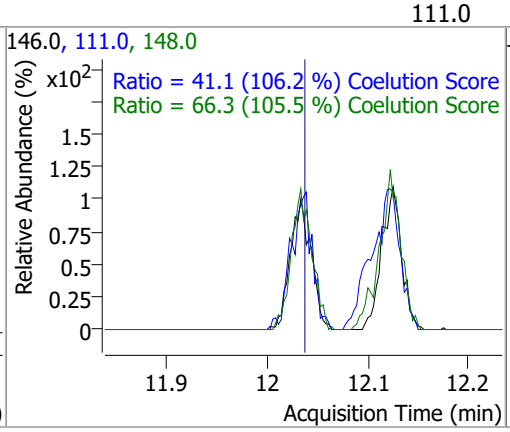


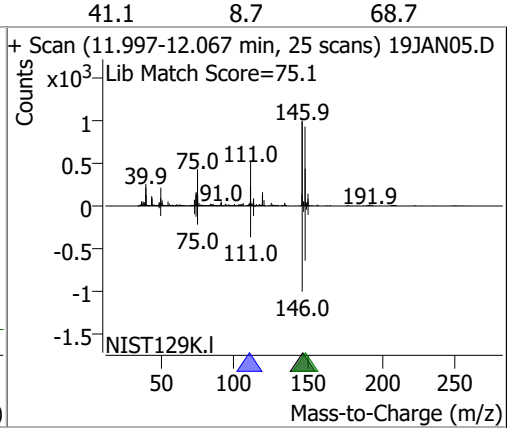




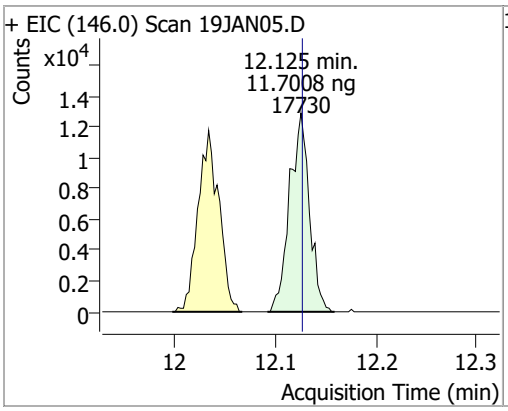
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	11.5123	12.03	0.00	17111	148.0	66.3	32.8	92.8
					111.0	41.1	8.7	68.7

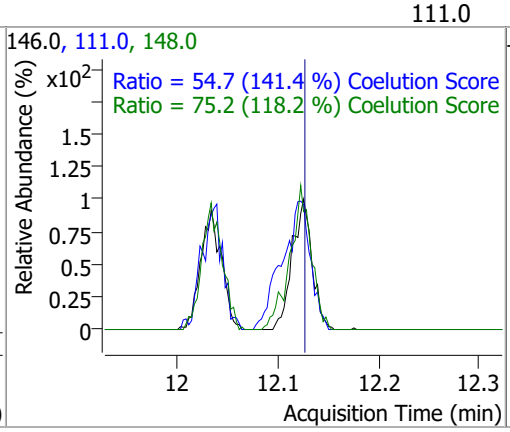


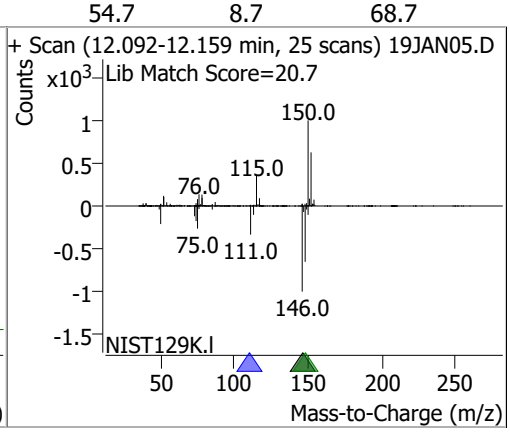




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	11.7008	12.13	0.00	17730	148.0	75.2	33.7	93.7
					111.0	54.7	8.7	68.7

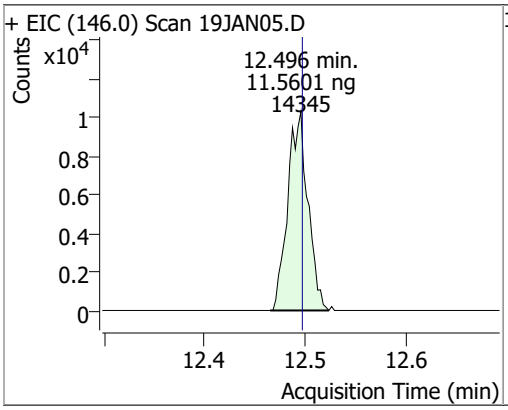


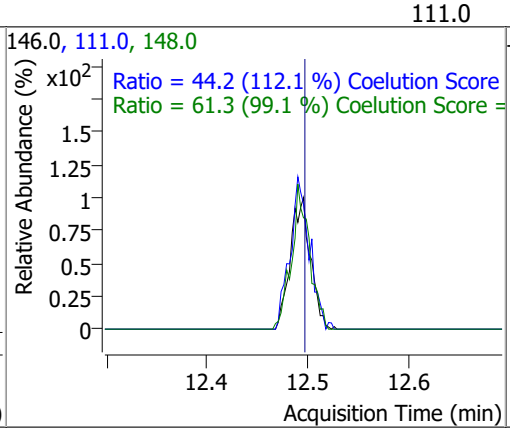


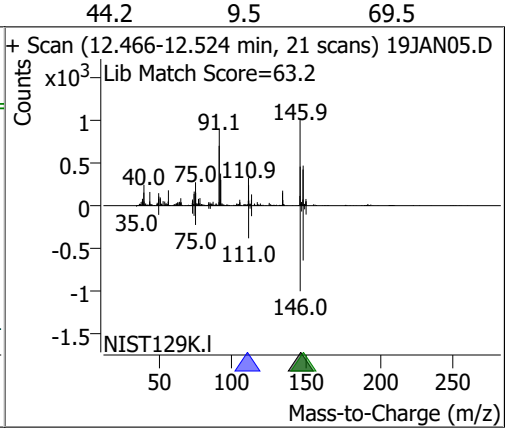


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	11.5601	12.50	0.00	14345	148.0	61.3	31.9	91.9
					111.0	44.2	9.5	69.5







Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	19JAN06.D	Operator	MSC
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Sample Name	ICAL011922_3	Instrument	VOA5975C
Vial	6	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
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Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
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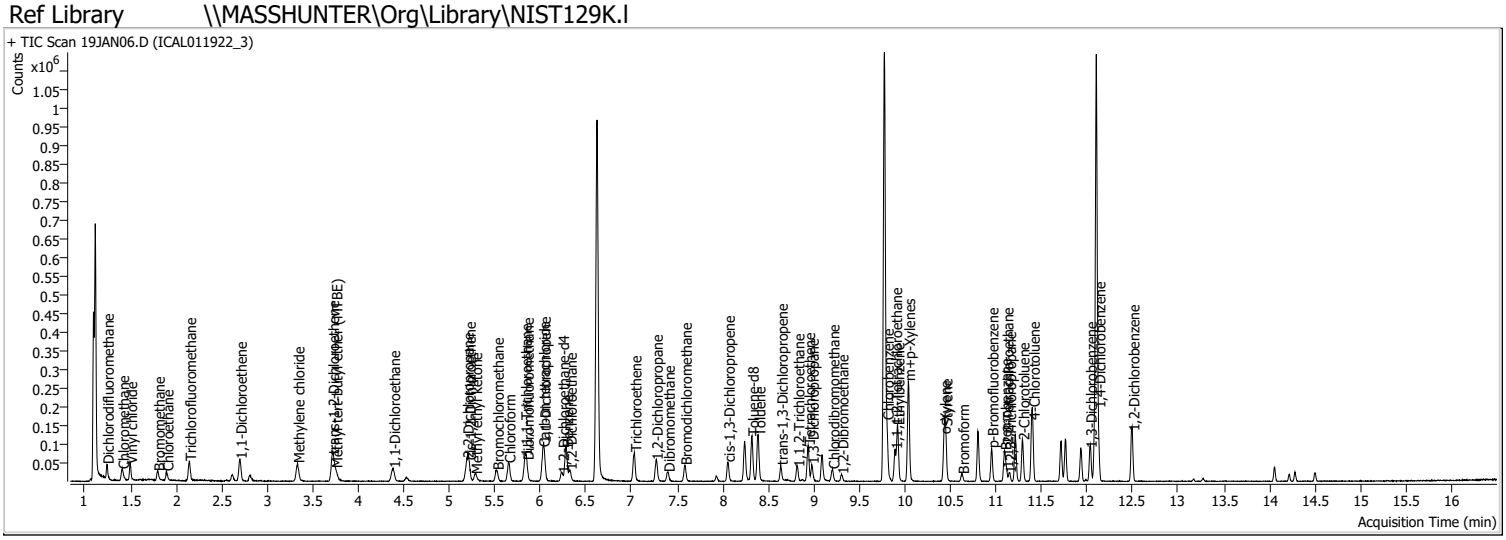
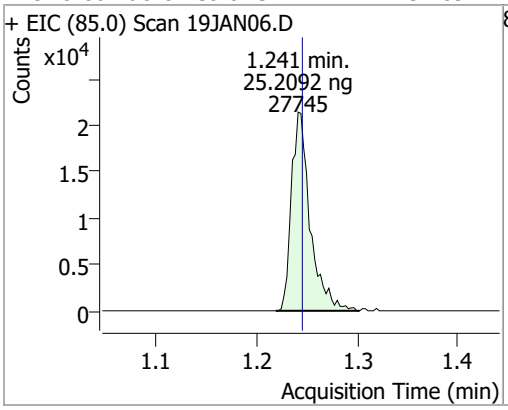


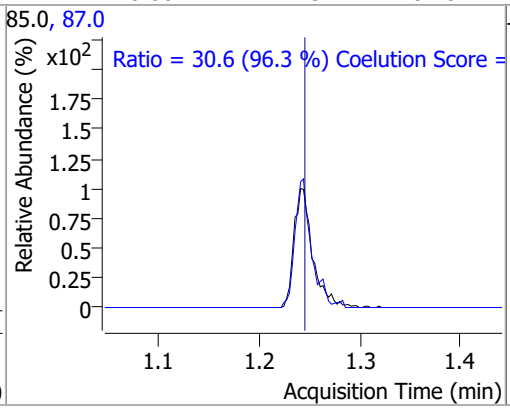
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	818509	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	321094	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	258693	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	19834	25.0179	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 10.01%		*	
S 1,2-Dichloroethane-d4	6.238	67.0	8619	25.1675	ng		0.008
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 10.07%		*	
S Toluene-d8	8.319	98.0	72066	23.0053	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 9.20%		*	
S p-Bromofluorobenzene	10.951	95.0	23160	24.2474	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 9.70%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	27745	25.2092	ng		98
T Chloromethane	1.408	50.0	33801	26.0860	ng		98
T Vinyl chloride	1.498	62.0	30072	25.4969	ng		96
T Bromomethane	1.802	96.0	12135	26.1400	ng		99
T Chloroethane	1.896	64.0	15096	27.0532	ng		98
T Trichlorofluoromethane	2.145	101.0	35936	25.4088	ng		97
T 1,1-Dichloroethene	2.700	96.0	20674	25.1221	ng		99
T Methylene chloride	3.333	49.0	32623	27.2657	ng		99
T trans-1,2-Dichloroethene	3.715	96.0	21348	25.1112	ng		97
T Methyl tert-butyl ether (MTBE)	3.751	73.0	24989	23.5175	ng		96
T 1,1-Dichloroethane	4.384	63.0	40298	25.3277	ng		98
T 2,2-Dichloropropane	5.193	77.0	30539	25.4695	ng		99
T cis-1,2-Dichloroethene	5.215	96.0	20810	24.1758	ng		95
T Methyl ethyl ketone	5.282	43.0	28861	232.0088	ng		100
T Bromochloromethane	5.519	128.0	8977	25.2940	ng		100
T Chloroform	5.647	83.0	38158	24.0194	ng		100

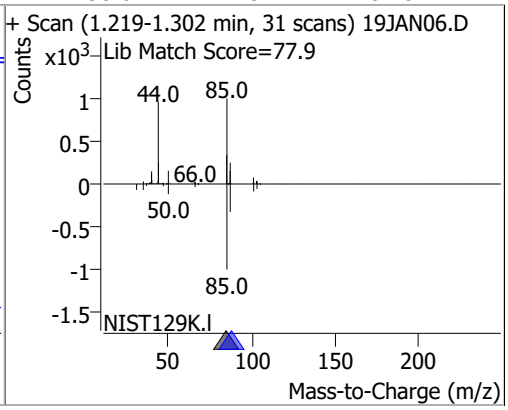
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.828	97.0	36046	24.5919	ng	99
T Carbon tetrachloride	6.026	117.0	34965	24.5955	ng	99
T 1,1-Dichloropropene	6.035	75.0	27641	23.2550	ng	96
T Benzene	6.283	78.0	76658	23.4442	ng	97
T 1,2-Dichloroethane	6.322	62.0	21778	24.1139	ng	99
T Trichloroethene	7.030	95.0	23390	24.3322	ng	93
T 1,2-Dichloropropane	7.267	63.0	20331	24.0555	ng	97
T Dibromomethane	7.398	93.0	9095	25.5304	ng	100
T Bromodichloromethane	7.585	83.0	24925	24.8816	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	24965	22.7111	ng	92
T Toluene	8.391	92.0	48441	23.1991	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	18613	23.2136	ng	95
T 1,1,2-Trichloroethane	8.821	83.0	9780	23.9876	ng	92
T Tetrachloroethene	8.938	163.8	21156	24.9859	ng	96
T 1,3-Dichloropropane	8.977	76.0	20205	24.4891	ng	93
T Chlorodibromomethane	9.205	129.0	15826	24.1020	ng	100
T 1,2-Dibromoethane	9.303	107.0	11412	25.3431	ng	99
T Chlorobenzene	9.802	112.0	55632	24.3040	ng	98
T 1,1,1,2-Tetrachloroethane	9.891	131.0	19516	24.2998	ng	100
T Ethylbenzene	9.917	91.0	91590	24.0921	ng	99
T m+p-Xylenes	10.036	106.0	71705	47.5617	ng	98
T o-Xylene	10.427	106.0	30498	23.3834	ng	99
T Styrene	10.446	104.0	50294	23.2215	ng	98
T Bromoform	10.628	172.5	8920	25.7324	ng	96
T Bromobenzene	11.093	156.0	20364	24.1762	ng	99
T 1,1,2,2-Tetrachloroethane	11.116	83.0	12137	25.2618	ng	99
T 1,2,3-Trichloropropane	11.144	110.0	3237	25.6435	ng	98
T 2-Chlorotoluene	11.291	126.0	20511	24.6038	ng	95
T 4-Chlorotoluene	11.403	91.0	64162	23.7626	ng	97
T 1,3-Dichlorobenzene	12.028	146.0	37763	24.7445	ng	98
T 1,4-Dichlorobenzene	12.122	146.0	38799	24.9375	ng	90
T 1,2-Dichlorobenzene	12.496	146.0	31975	25.0956	ng	98

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

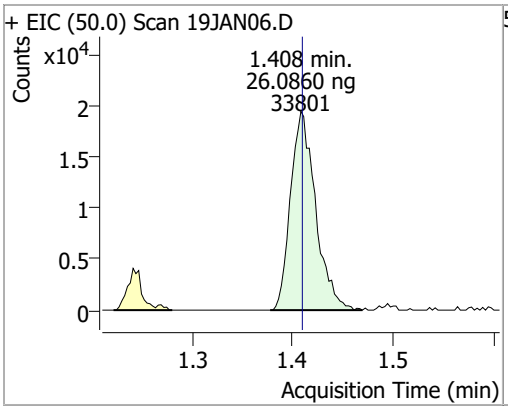
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	25.2092	1.24	0.00	27745	87.0	30.6	1.8	61.8

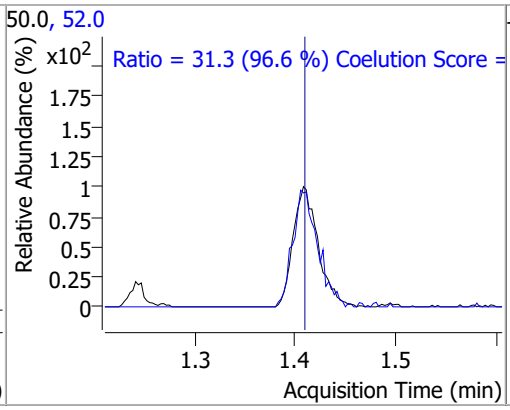


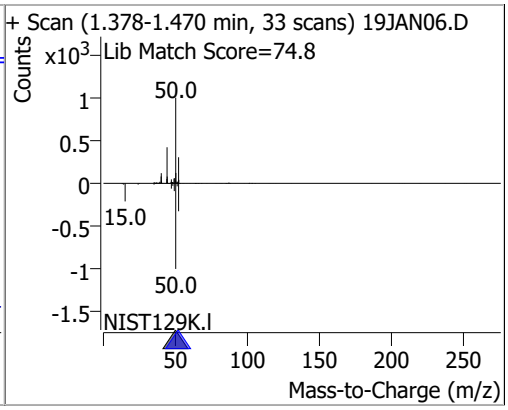




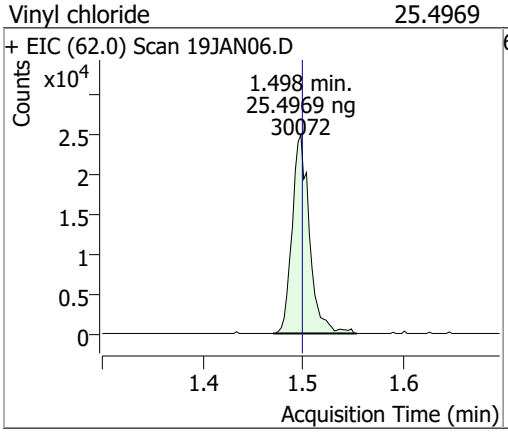
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	26.0860	1.41	0.00	33801	52.0	31.3	2.4	62.4

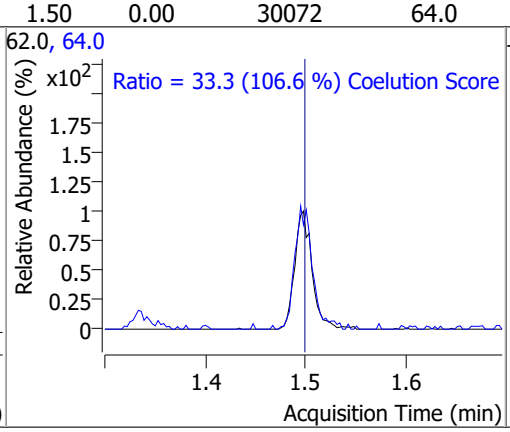


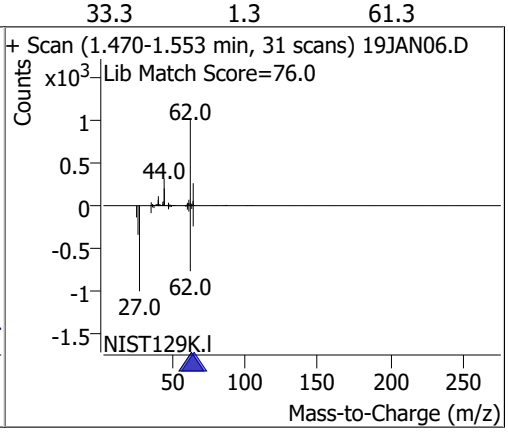




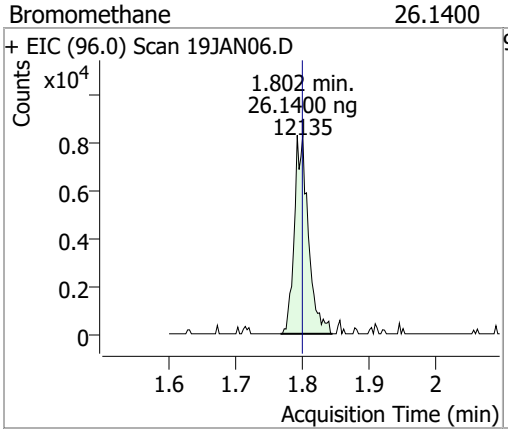
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	25.4969	1.50	0.00	30072	64.0	33.3	1.3	61.3

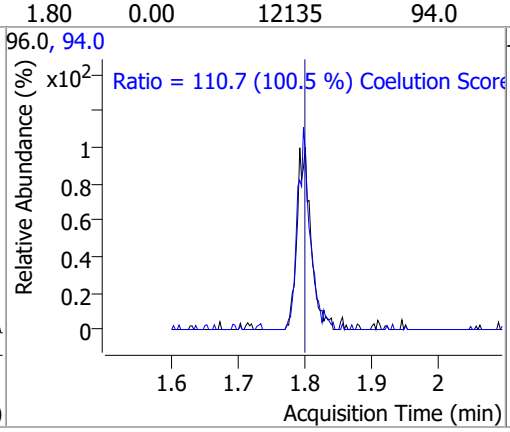


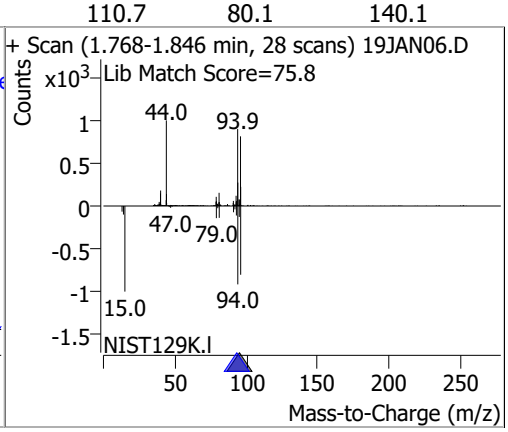




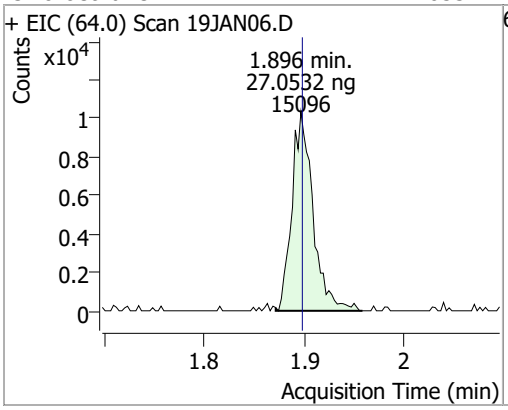
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	26.1400	1.80	0.00	12135	94.0	110.7	80.1	140.1

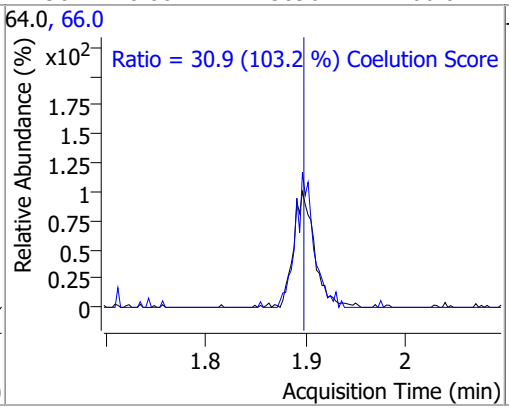


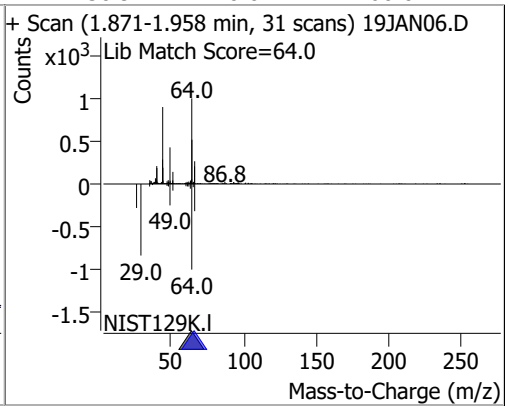




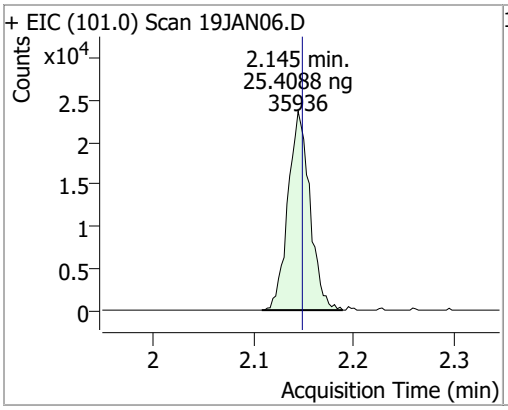
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	27.0532	1.90	0.00	15096	66.0	30.9	0.0	60.0

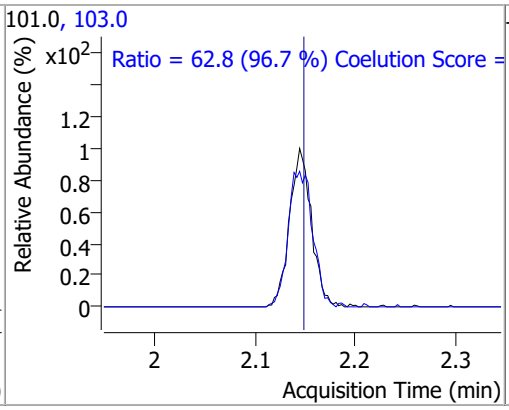


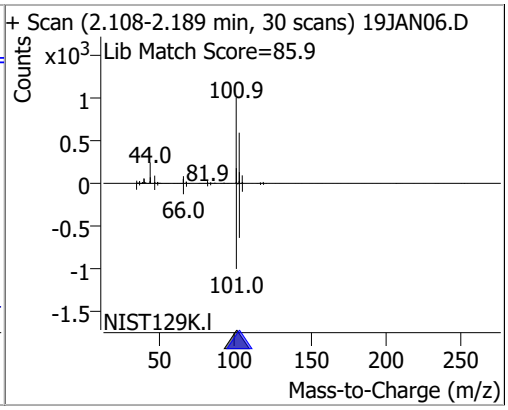




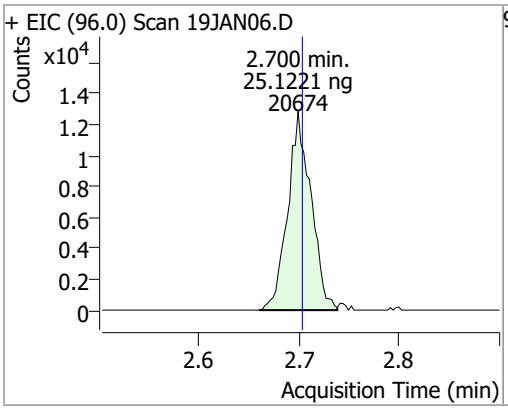
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	25.4088	2.14	0.00	35936	103.0	62.8	35.0	95.0

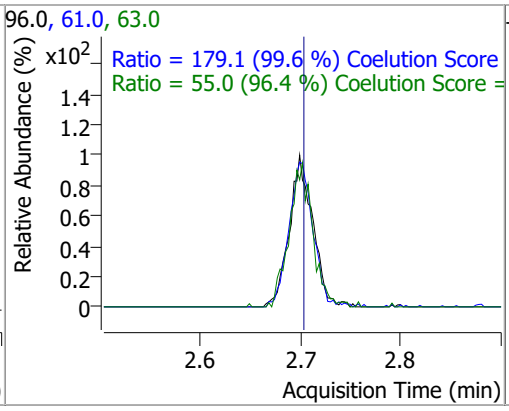


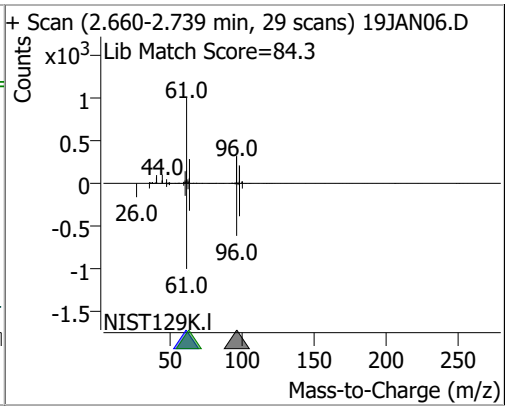




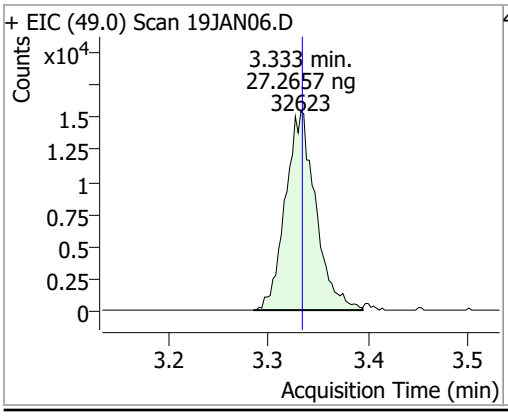
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	25.1221	2.70	0.00	20674	61.0	179.1	149.9	209.9
					63.0	55.0	27.0	87.0

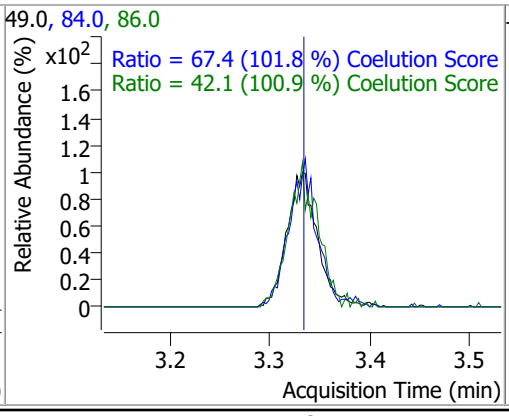


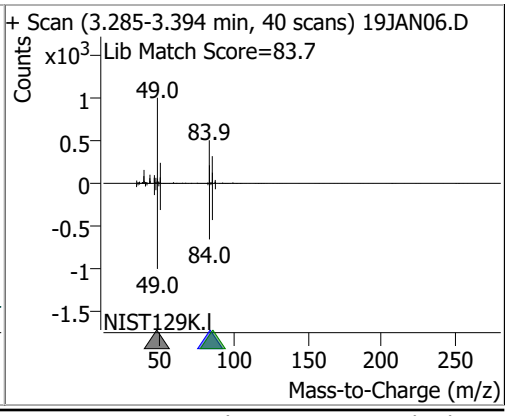




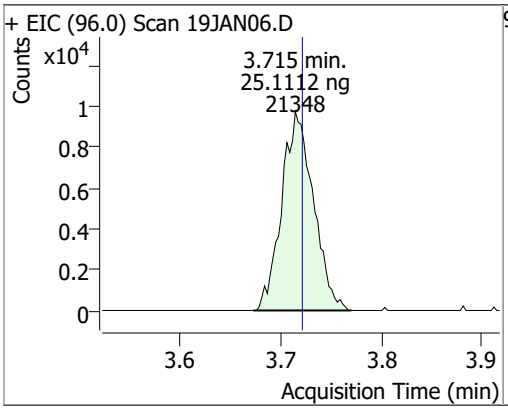
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	27.2657	3.33	0.00	32623	84.0	67.4	36.1	96.1
					86.0	42.1	11.8	71.8

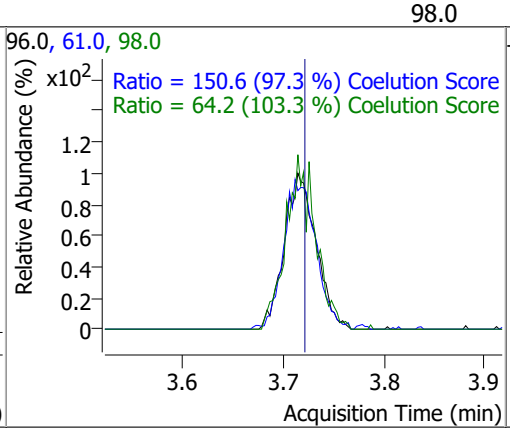


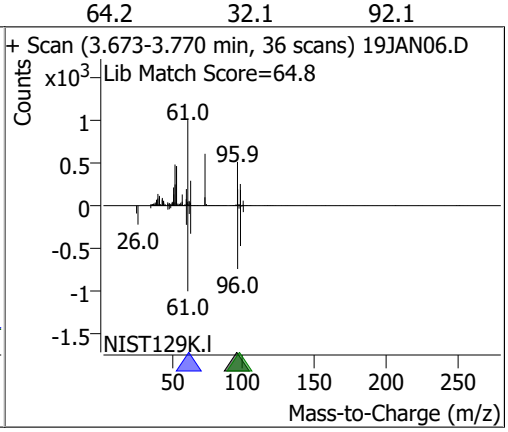




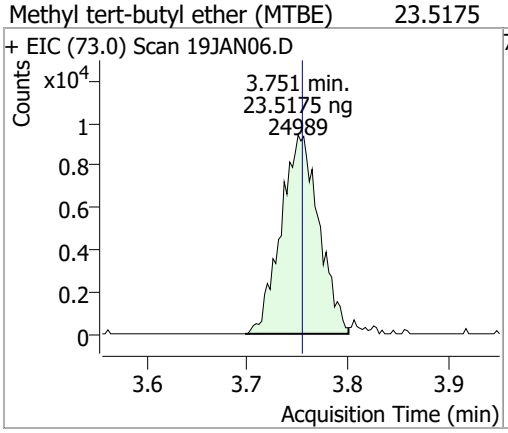
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	25.1112	3.71	-0.01	21348	61.0	150.6	124.8	184.8
					98.0	64.2	32.1	92.1

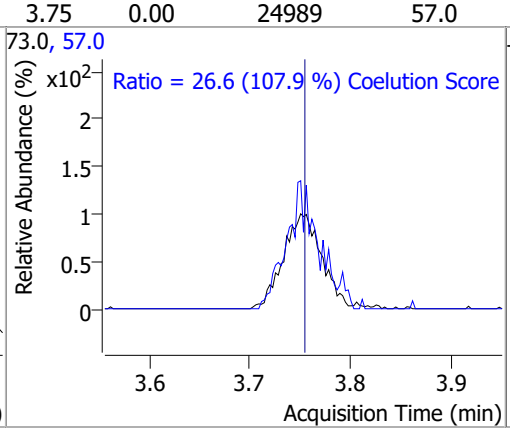


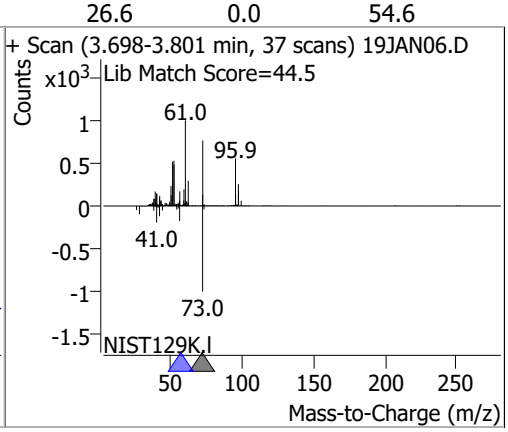




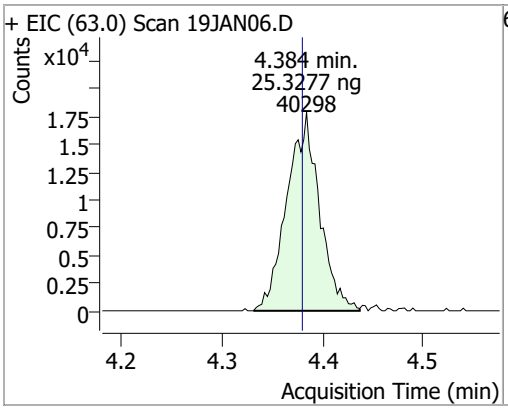
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	23.5175	3.75	0.00	24989	57.0	26.6	0.0	54.6

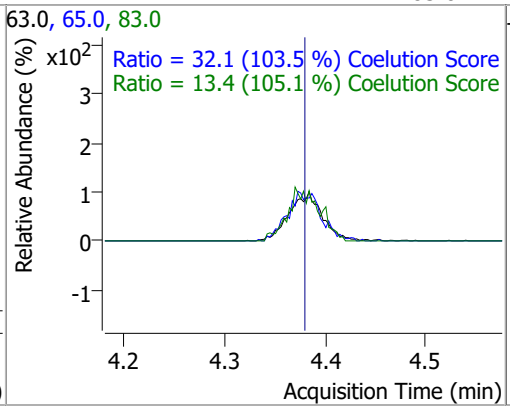


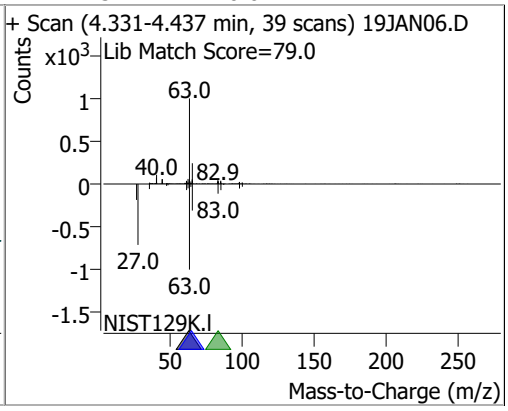




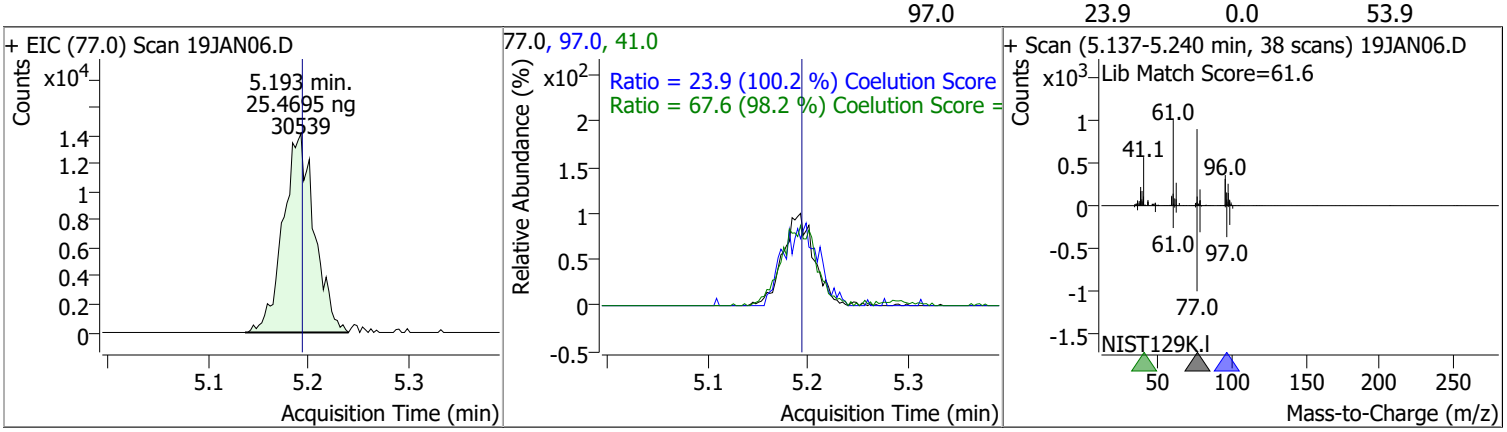
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	25.3277	4.38	0.01	40298	65.0	32.1	1.0	61.0
					83.0	13.4	0.0	42.7



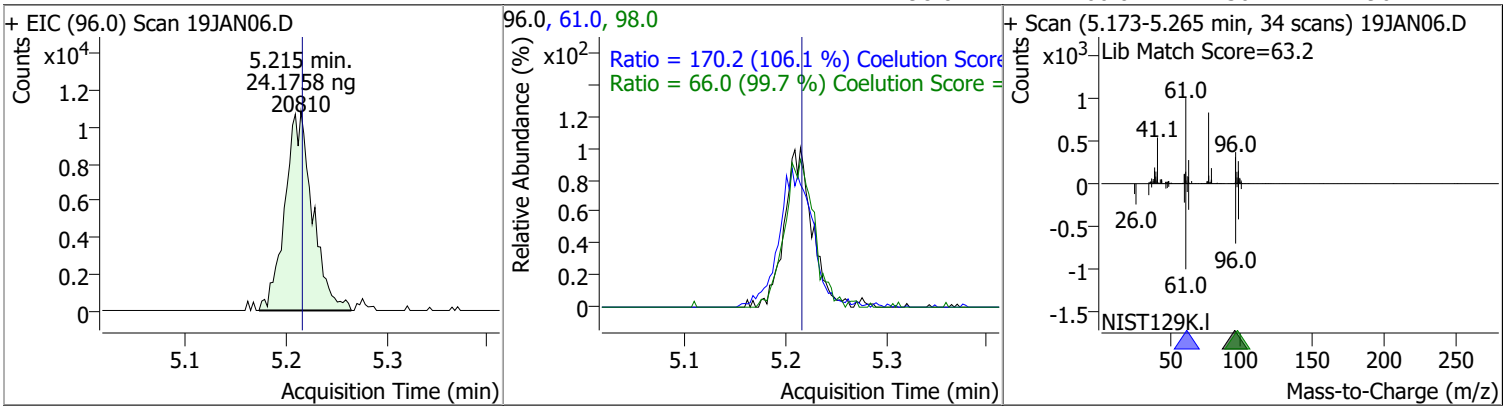




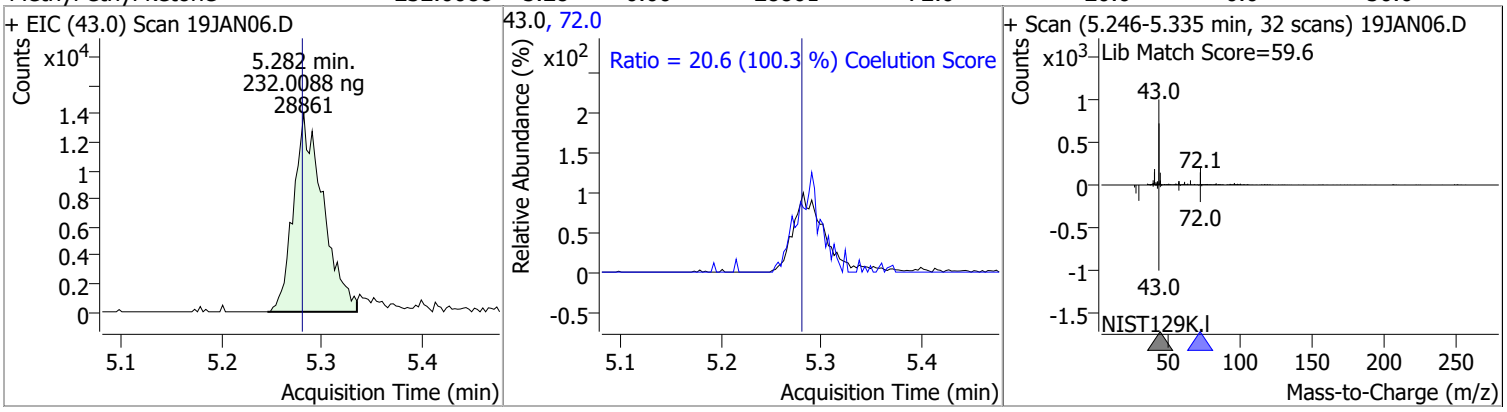
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	25.4695	5.19	0.00	30539	41.0	67.6	38.8	98.8
					97.0	23.9	0.0	53.9



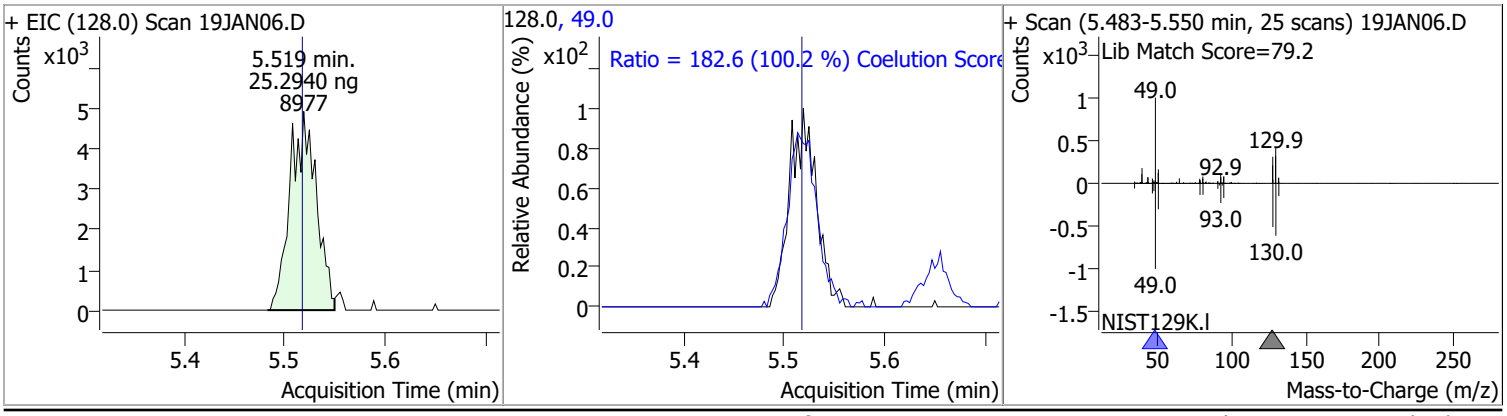
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	24.1758	5.21	0.00	20810	61.0	170.2	130.4	190.4
					98.0	66.0	36.2	96.2



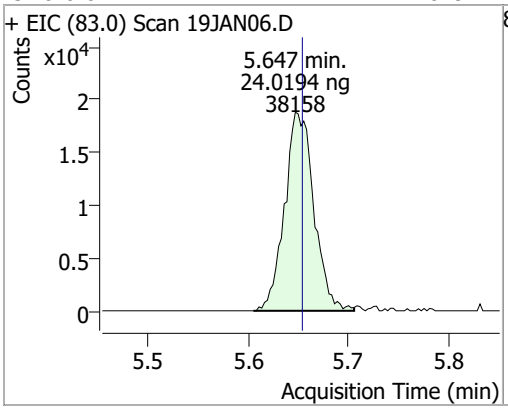
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	232.0088	5.28	0.00	28861	72.0	20.6	0.0	50.6

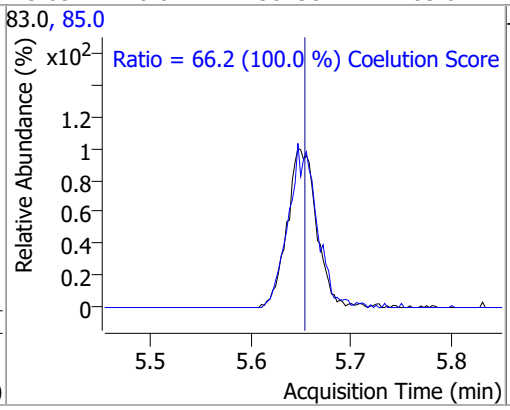


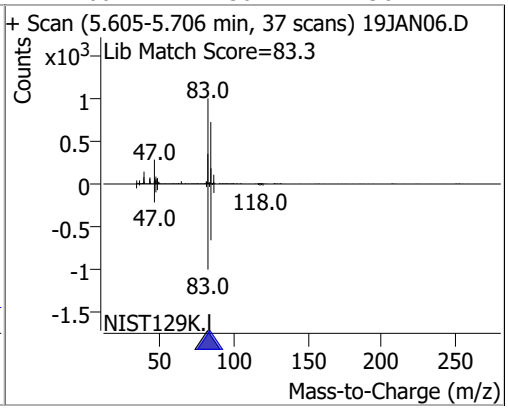
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	25.2940	5.52	0.00	8977	49.0	182.6	152.2	212.2



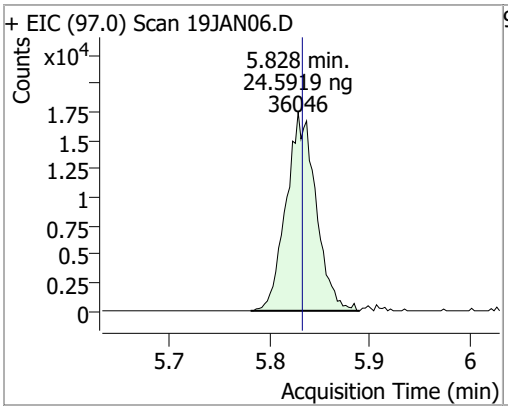
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	24.0194	5.65	-0.01	38158	85.0	66.2	36.2	96.2

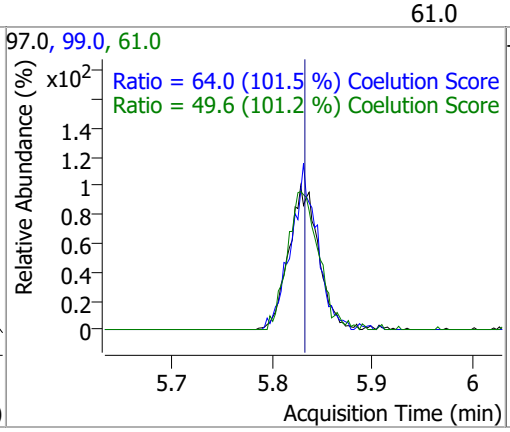


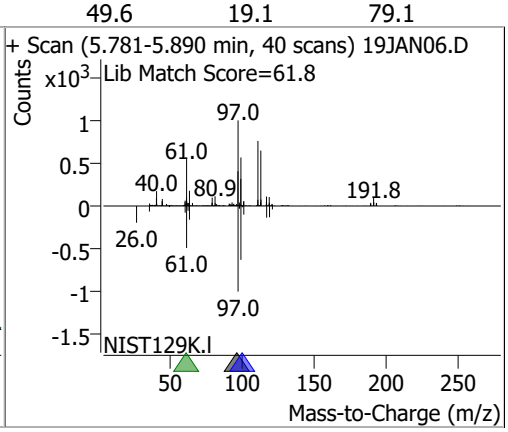




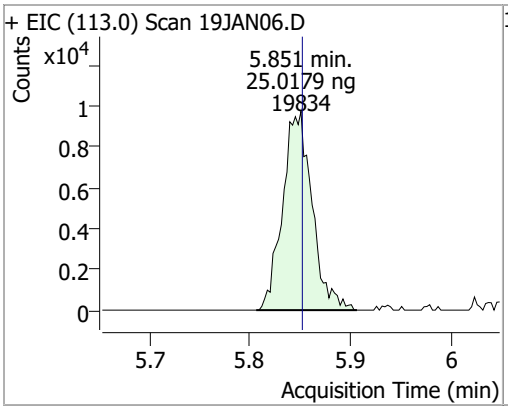
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	24.5919	5.83	0.00	36046	99.0	64.0	33.1	93.1
					61.0	49.6	19.1	79.1

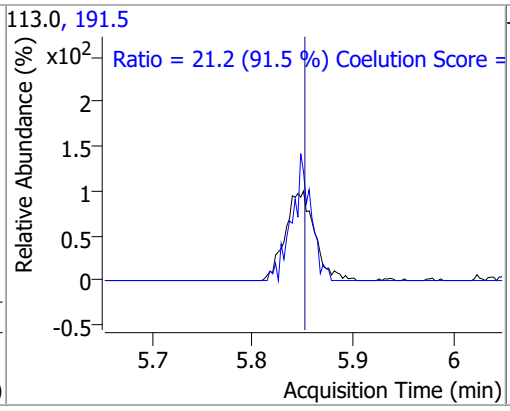


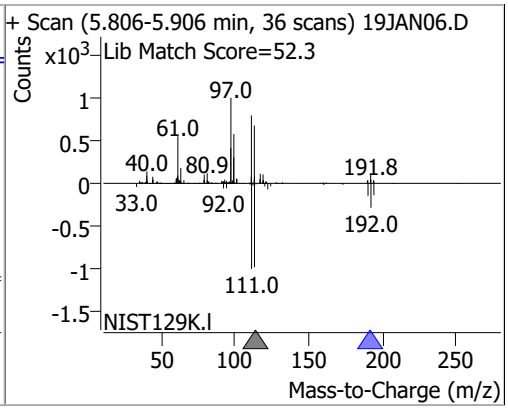




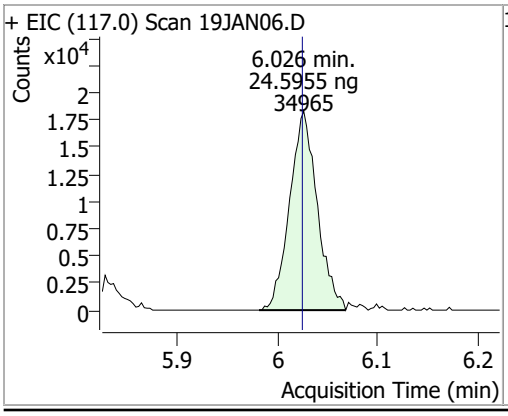
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	25.0179	5.85	0.00	19834	191.5	21.2	0.0	53.2

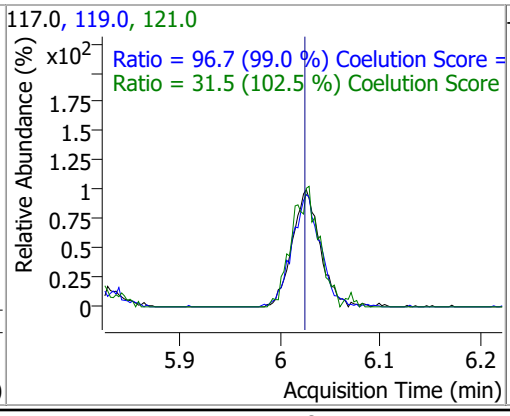


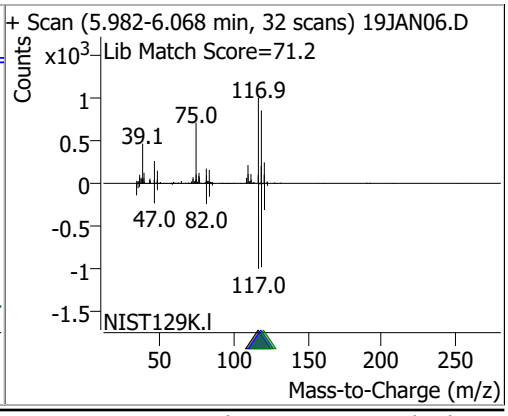




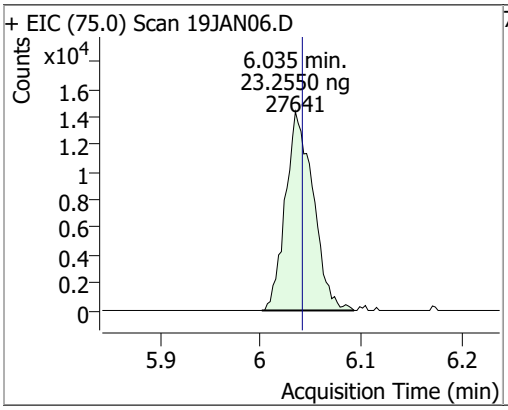
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	24.5955	6.03	0.00	34965	119.0	96.7	67.6	127.6
					121.0	31.5	0.7	60.7

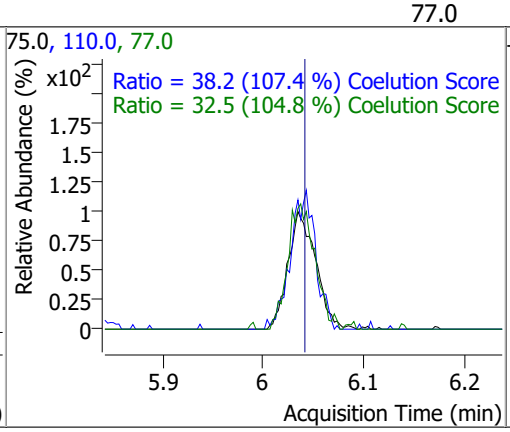


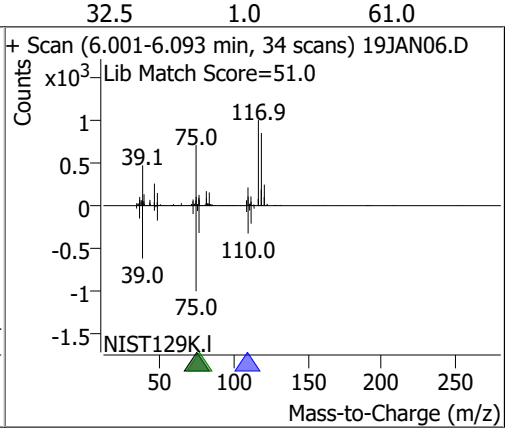




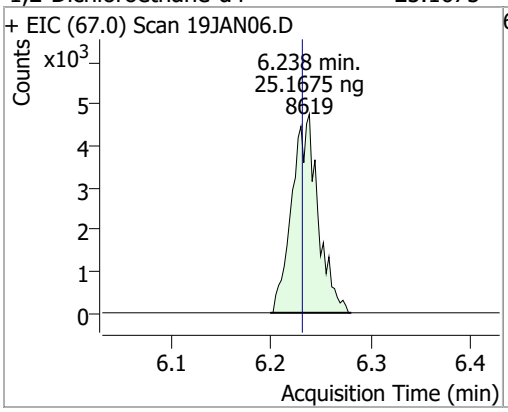
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	23.2550	6.03	-0.01	27641	110.0	38.2	5.6	65.6
					77.0	32.5	1.0	61.0

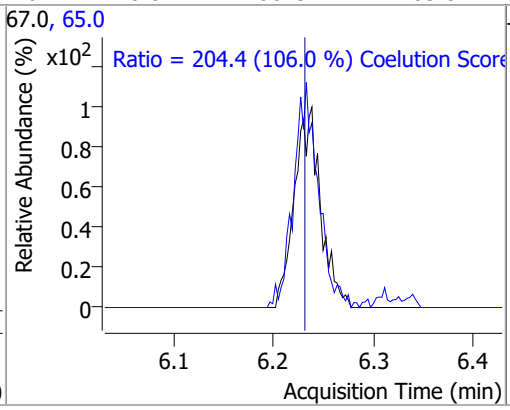


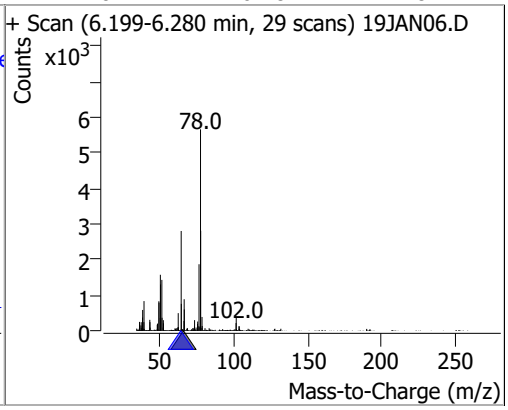




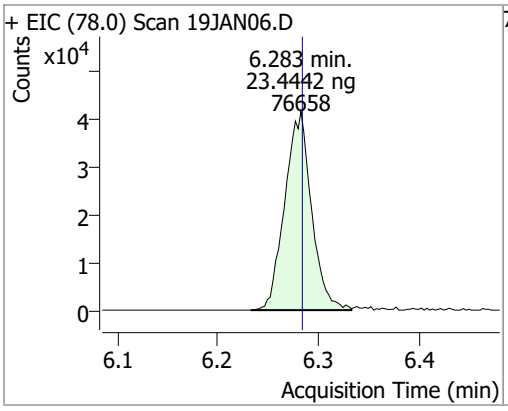
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	25.1675	6.24	0.01	8619	65.0	204.4	162.8	222.8

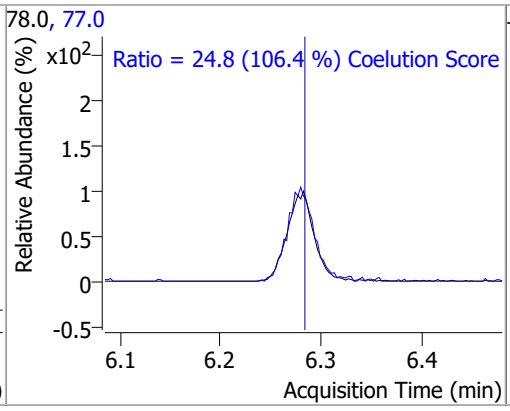


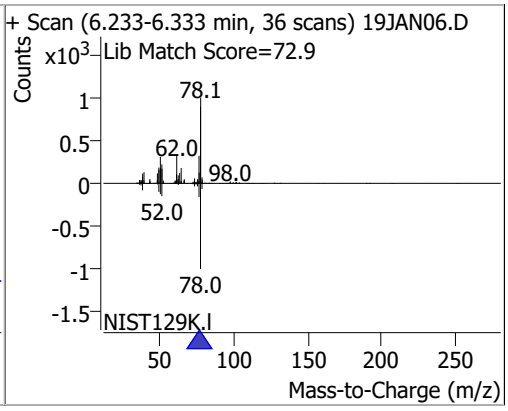




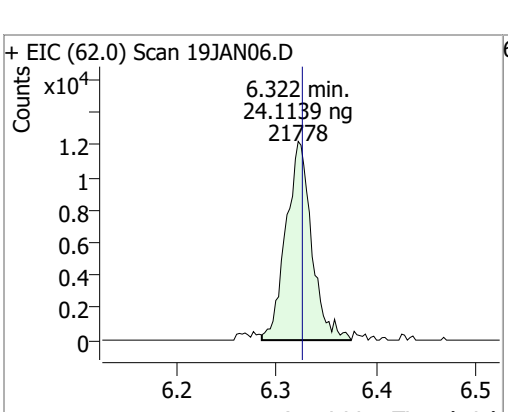
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	23.4442	6.28	0.00	76658	77.0	24.8	0.0	53.3

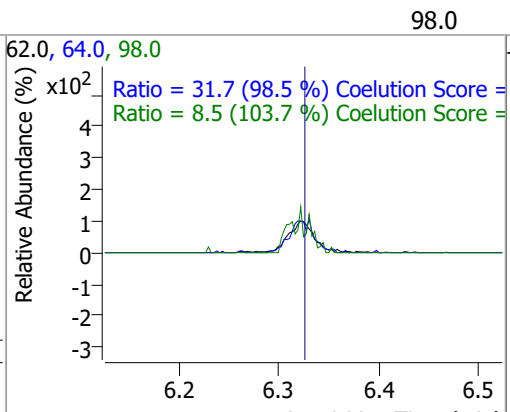


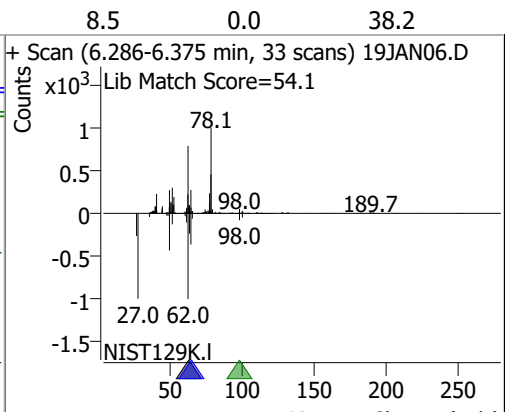




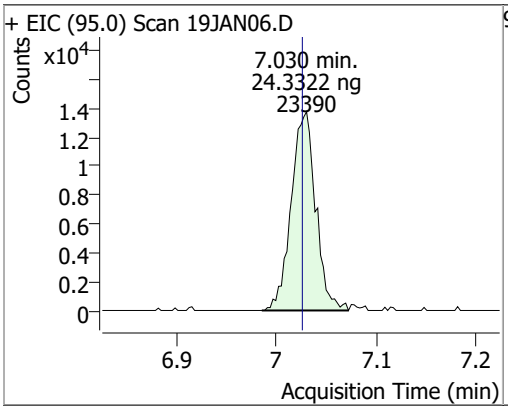
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	24.1139	6.32	0.00	21778	64.0	31.7	2.2	62.2
					98.0	8.5	0.0	38.2

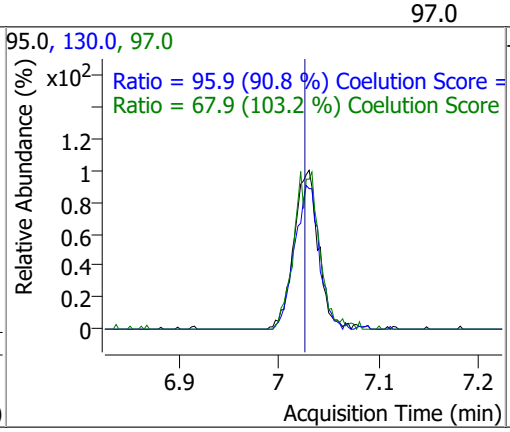


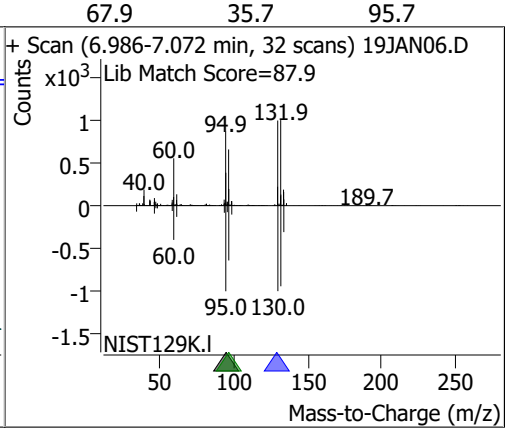




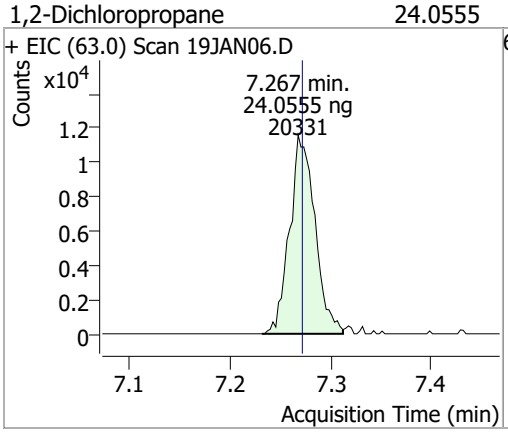
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	24.3322	7.03	0.01	23390	130.0	95.9	75.6	135.6
					97.0	67.9	35.7	95.7

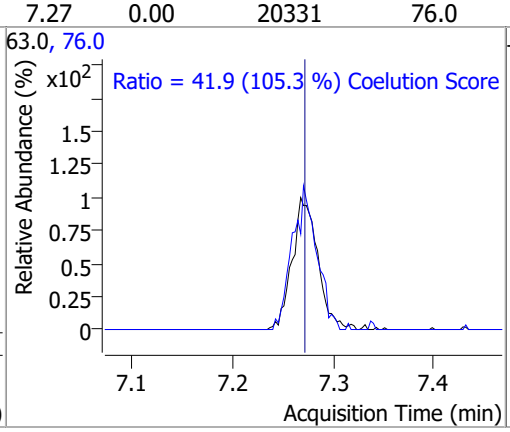


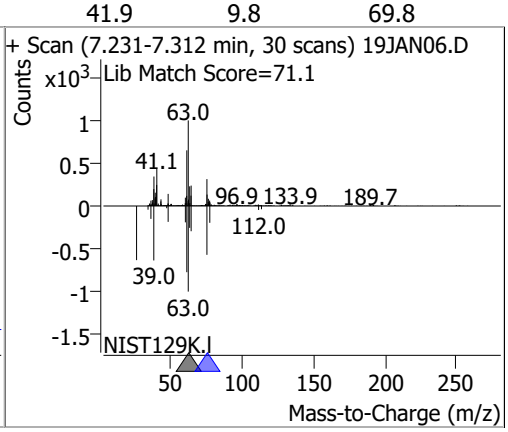




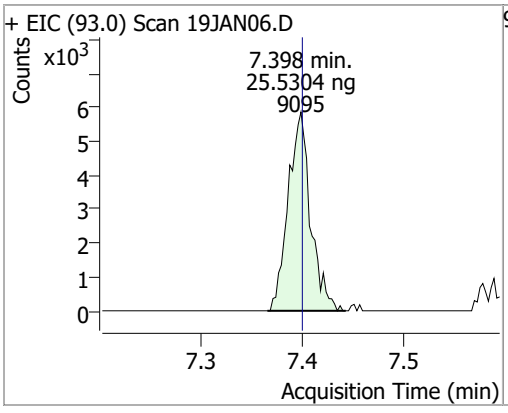
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	24.0555	7.27	0.00	20331	76.0	41.9	9.8	69.8

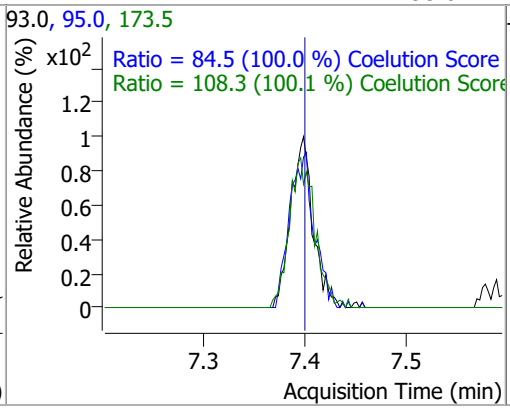


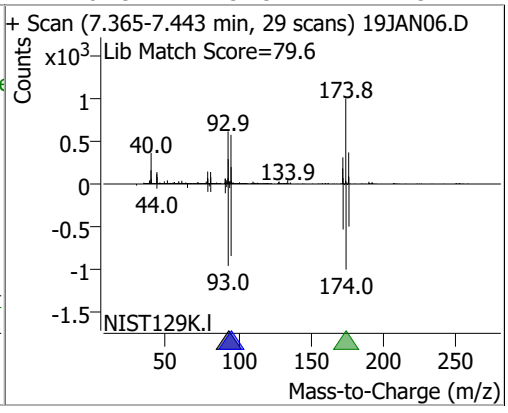




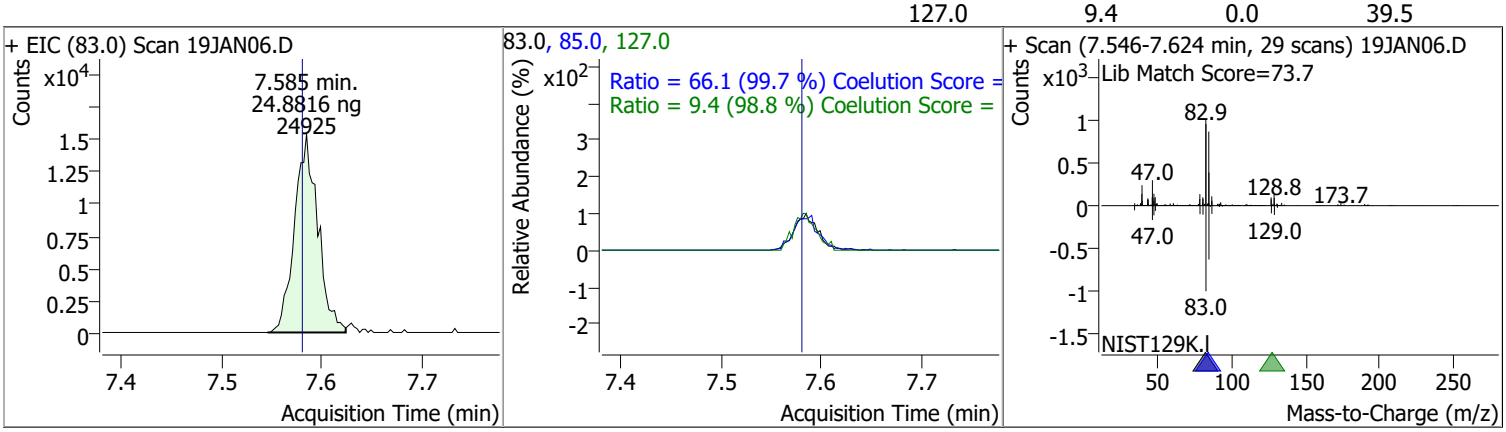
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	25.5304	7.40	0.00	9095	173.5	108.3	78.2	138.2
					95.0	84.5	54.5	114.5



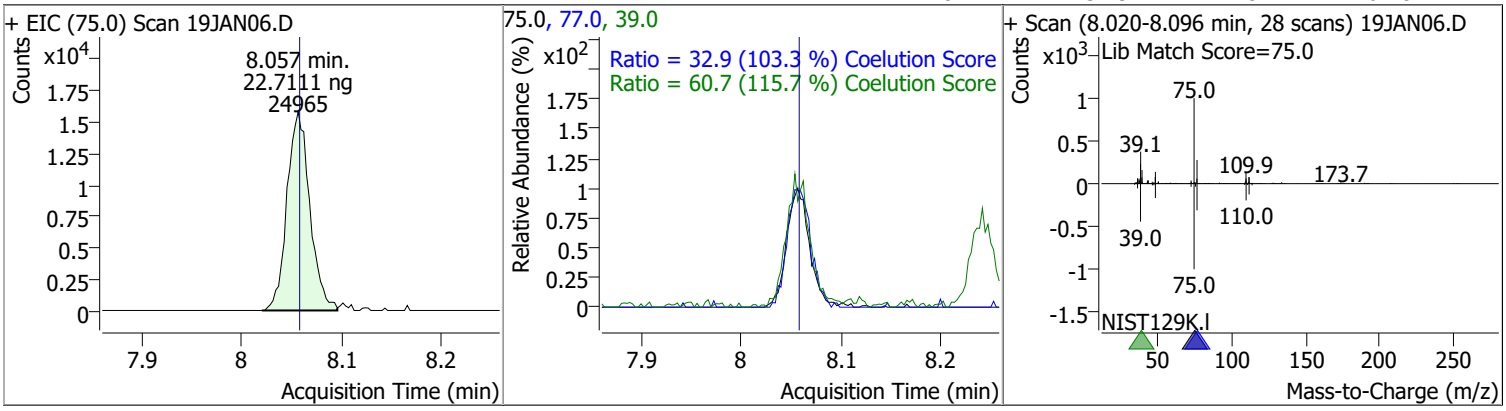




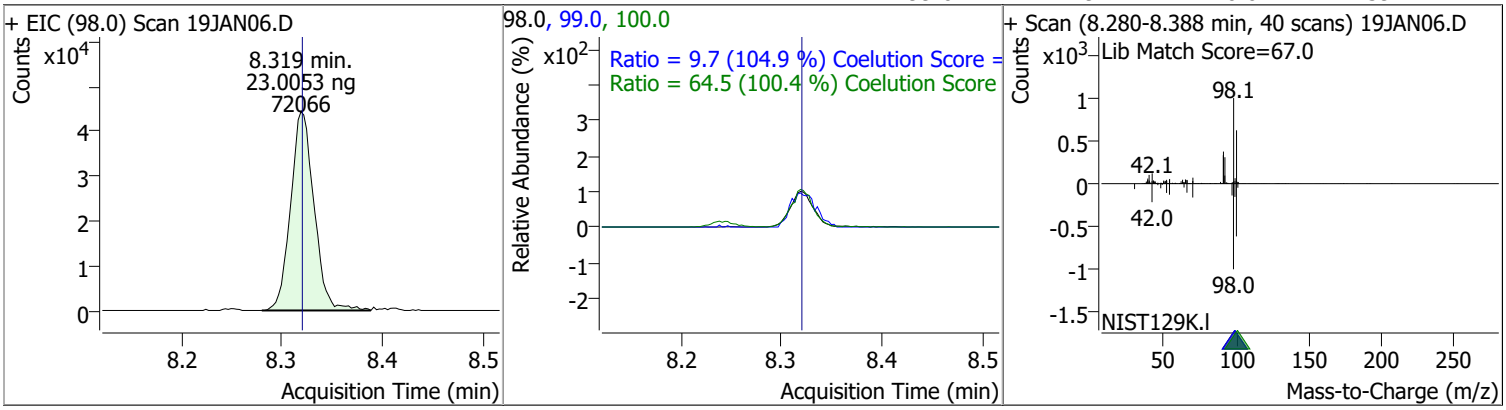
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	24.8816	7.59	0.01	24925	85.0	66.1	36.3	96.3
					127.0	9.4	0.0	39.5



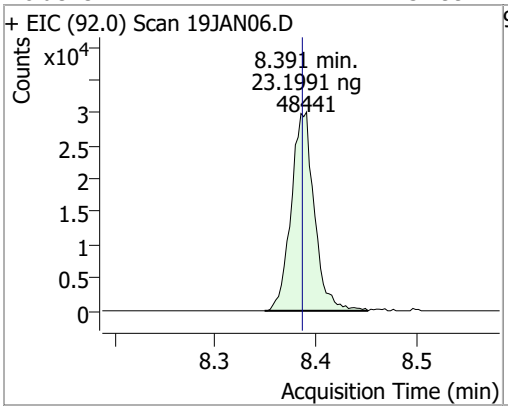
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	22.7111	8.06	0.00	24965	39.0	60.7	22.5	82.5
					77.0	32.9	1.8	61.8

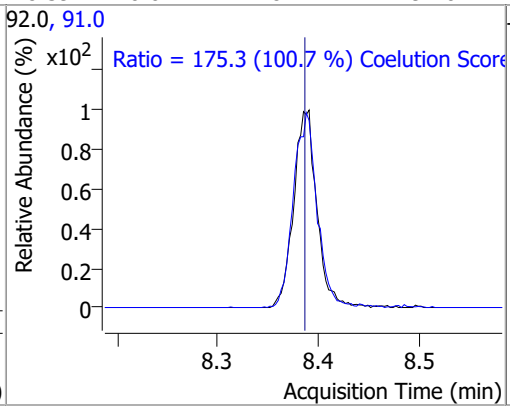


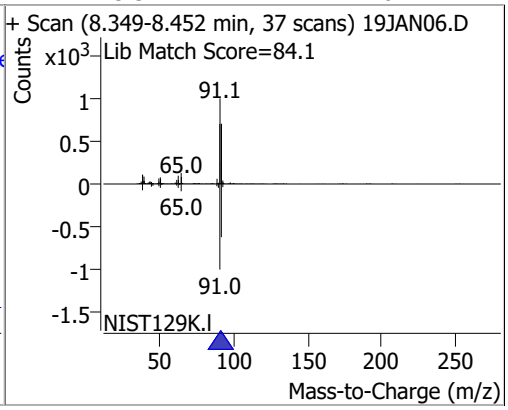
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	23.0053	8.32	0.00	72066	100.0	64.5	34.3	94.3
					99.0	9.7	0.0	39.2



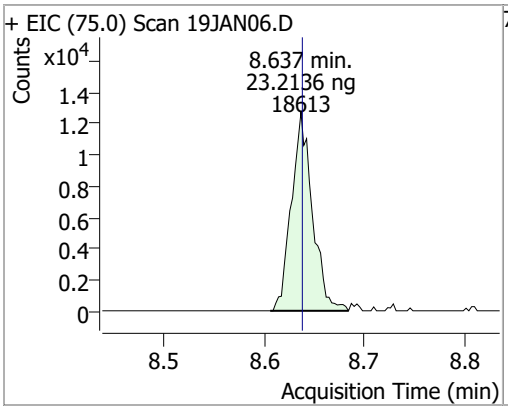
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	23.1991	8.39	0.01	48441	91.0	175.3	144.1	204.1

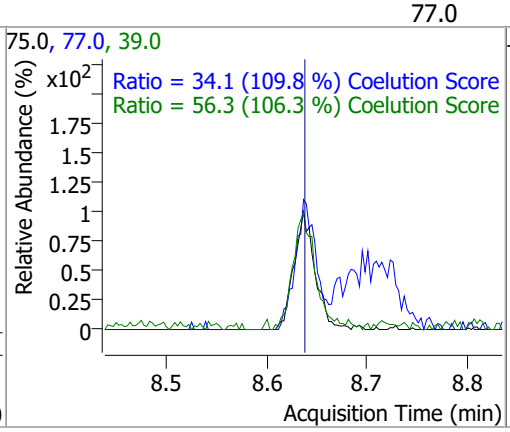


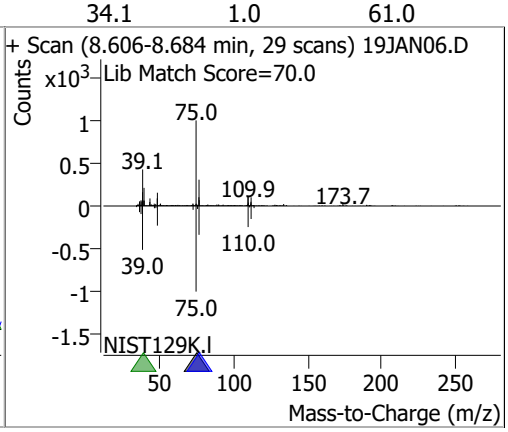




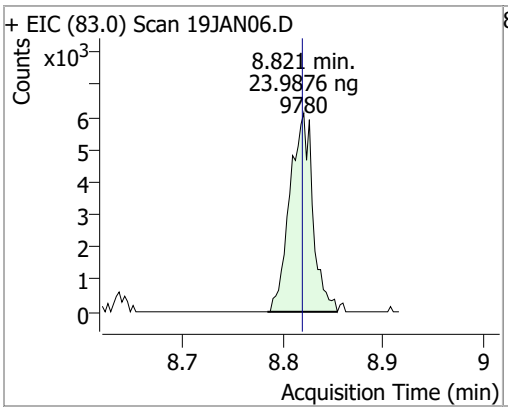
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	23.2136	8.64	0.00	18613	39.0	56.3	23.0	83.0
					77.0	34.1	1.0	61.0

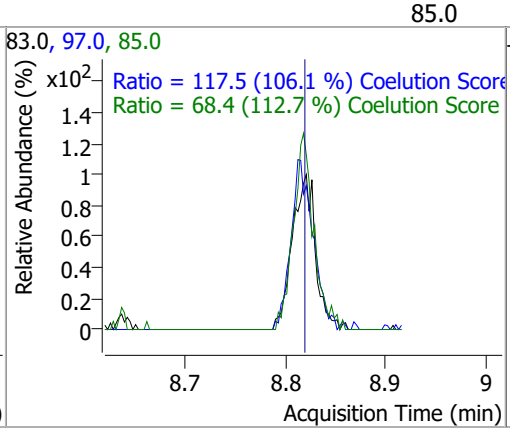


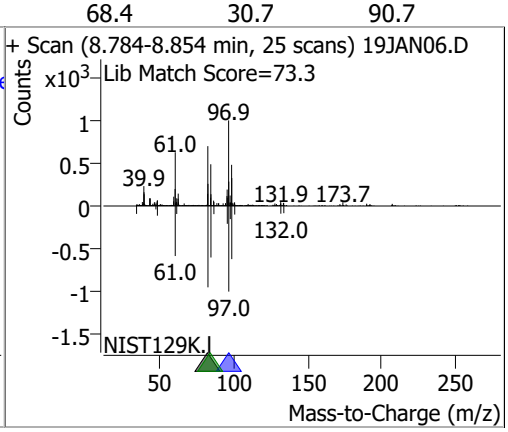




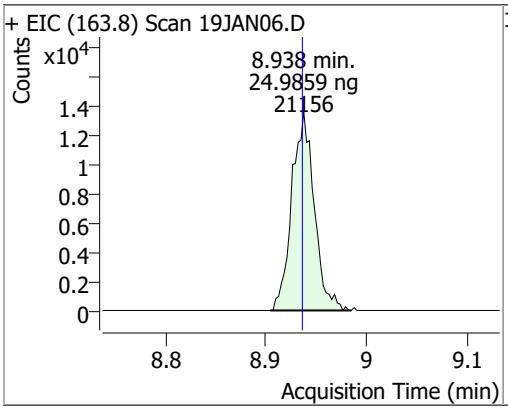
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	23.9876	8.82	0.00	9780	97.0	117.5	80.7	140.7
					85.0	68.4	30.7	90.7

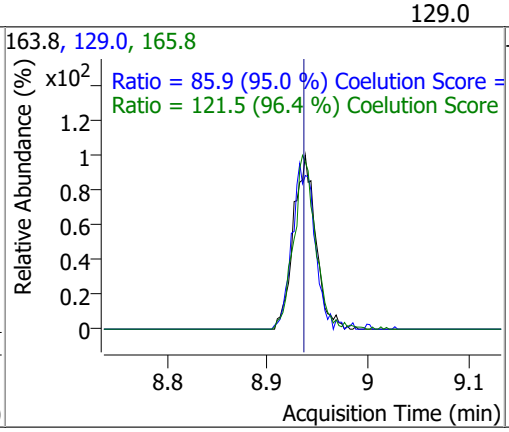


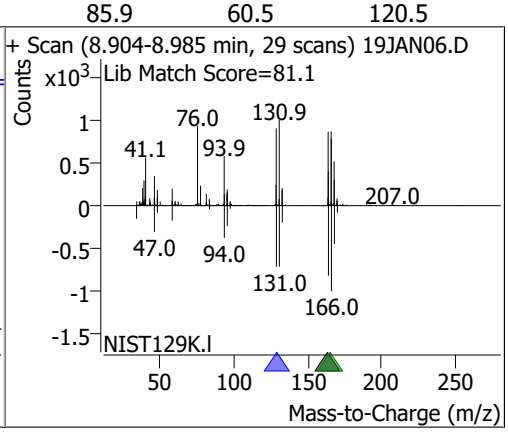




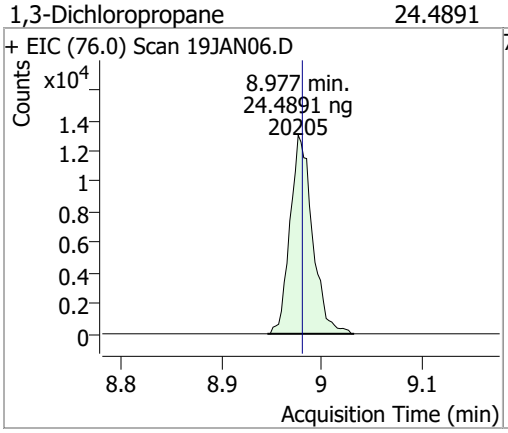
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	24.9859	8.94	0.00	21156	165.8	121.5	96.1	156.1
					129.0	85.9	60.5	120.5

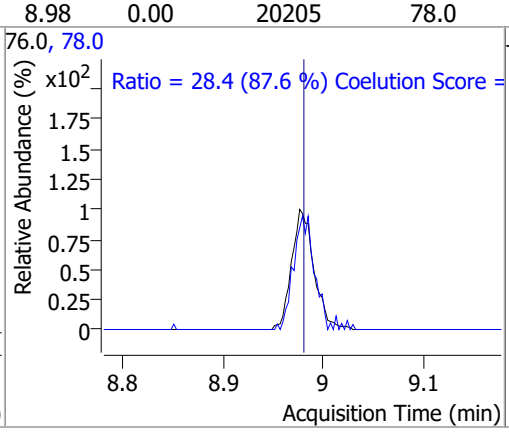


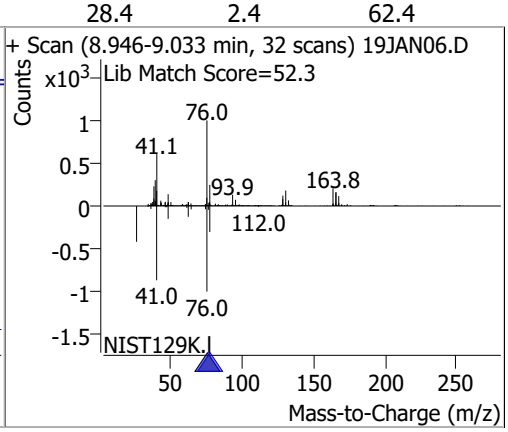




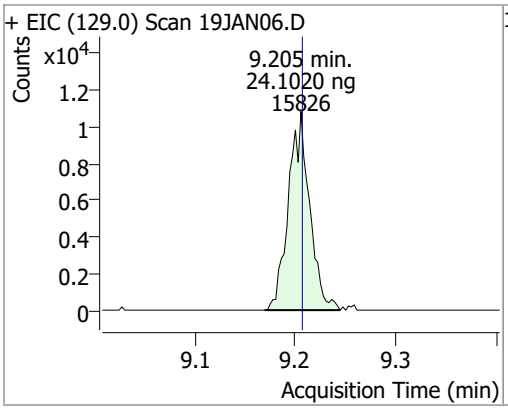
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	24.4891	8.98	0.00	20205	78.0	28.4	2.4	62.4

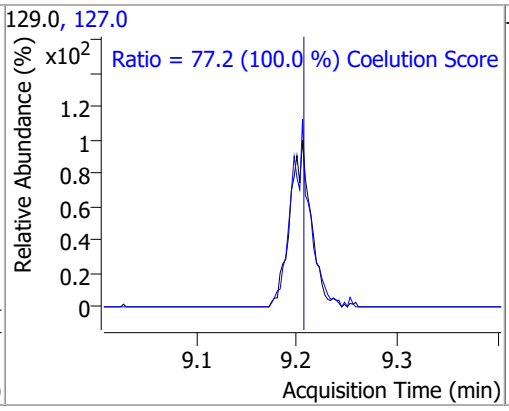


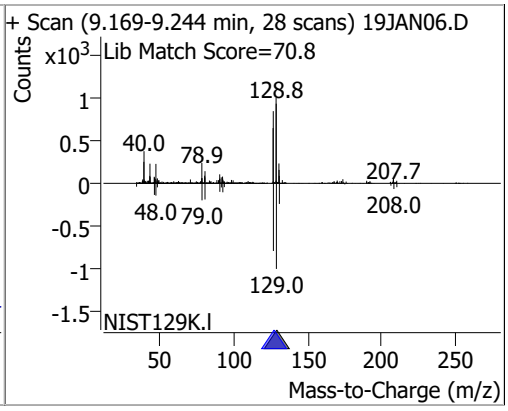




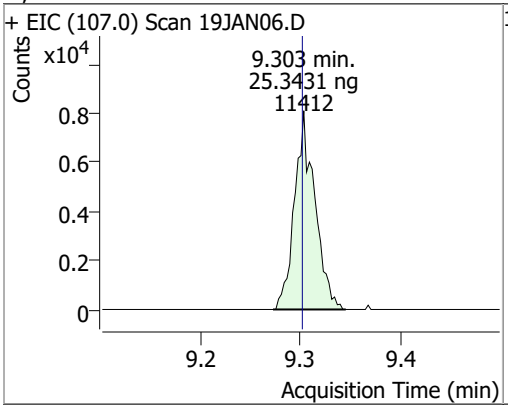
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	24.1020	9.21	0.00	15826	127.0	77.2	47.2	107.2

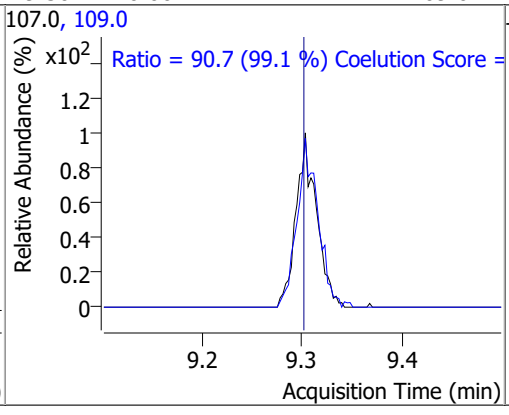


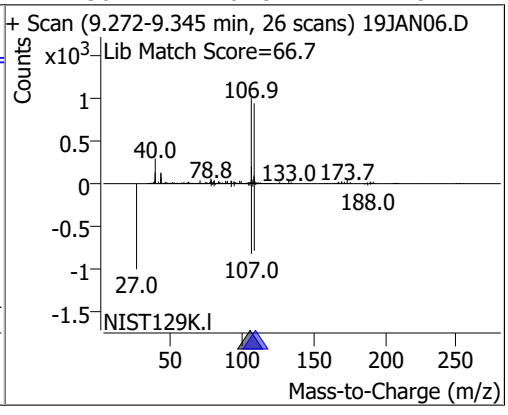




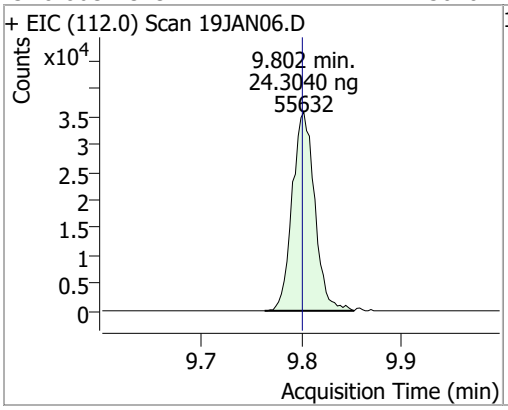
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	25.3431	9.30	0.00	11412	109.0	90.7	61.5	121.5

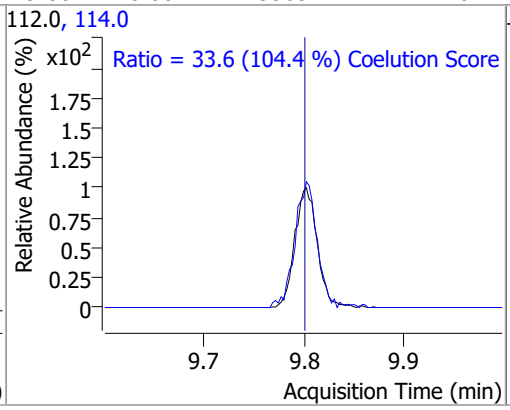


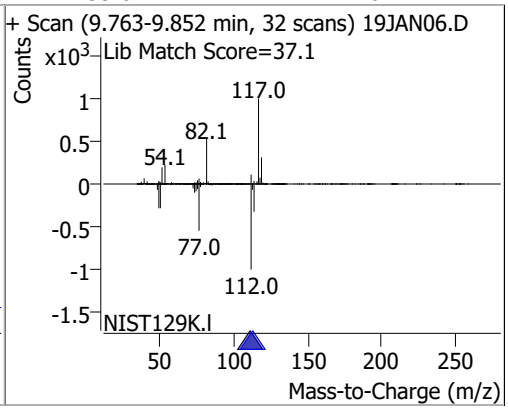




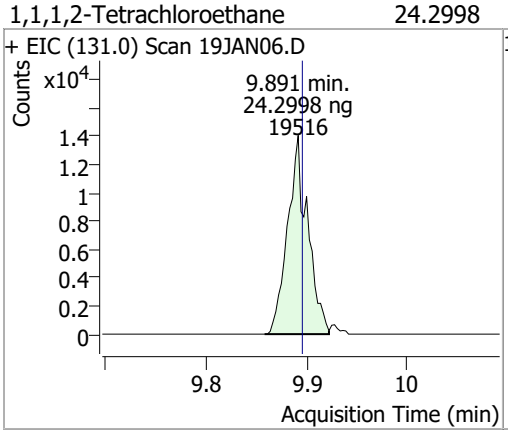
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	24.3040	9.80	0.00	55632	114.0	33.6	2.2	62.2

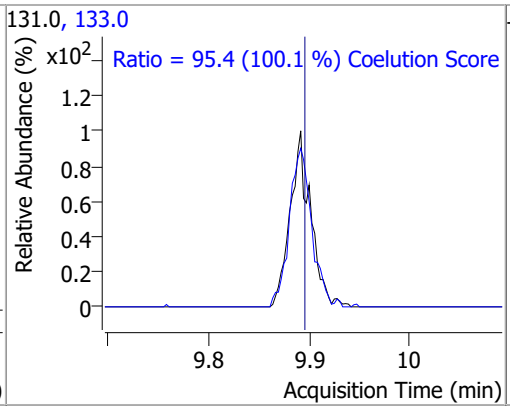


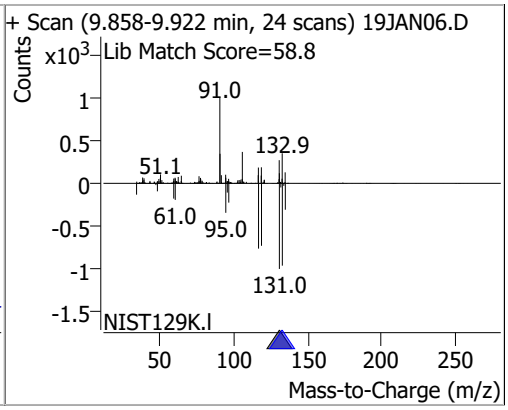




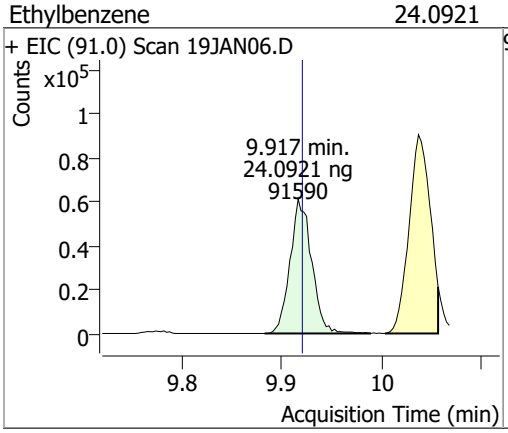
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	24.2998	9.89	0.00	19516	133.0	95.4	65.3	125.3

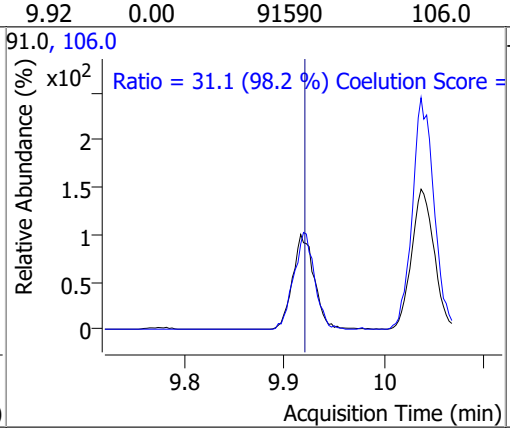


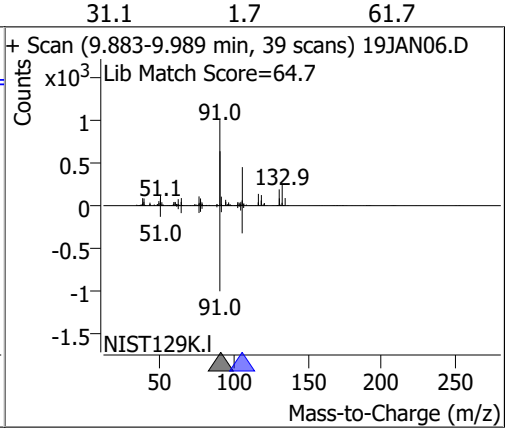




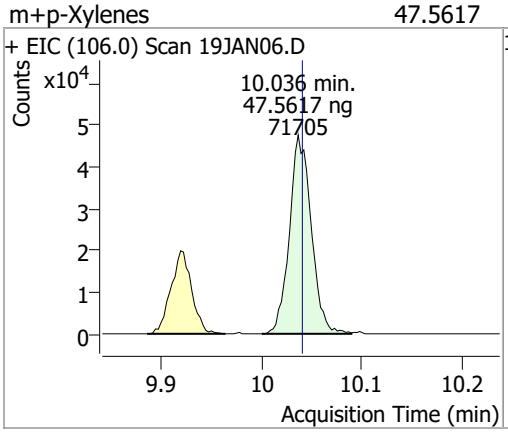
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	24.0921	9.92	0.00	91590	106.0	31.1	1.7	61.7

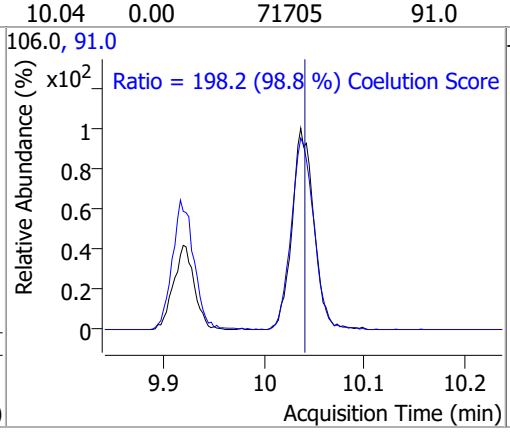


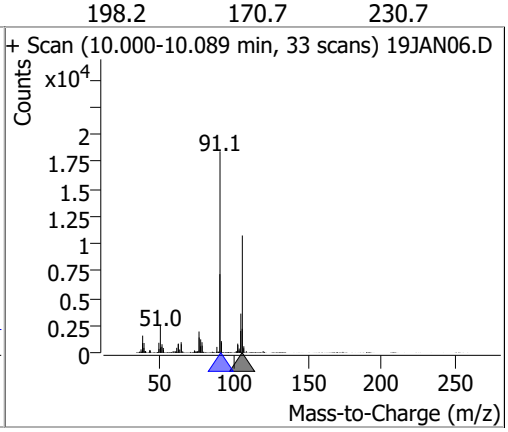




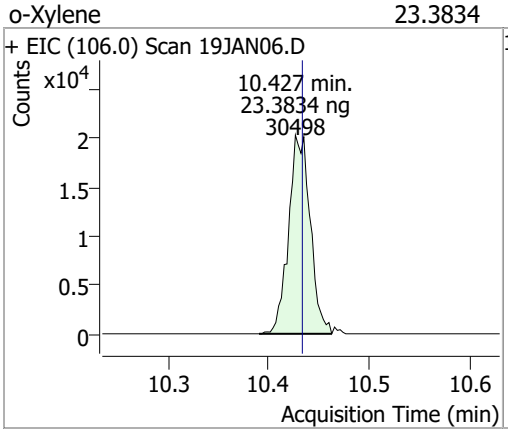
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	47.5617	10.04	0.00	71705	91.0	198.2	170.7	230.7

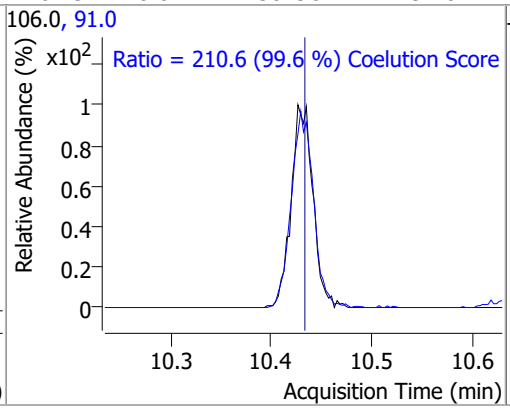


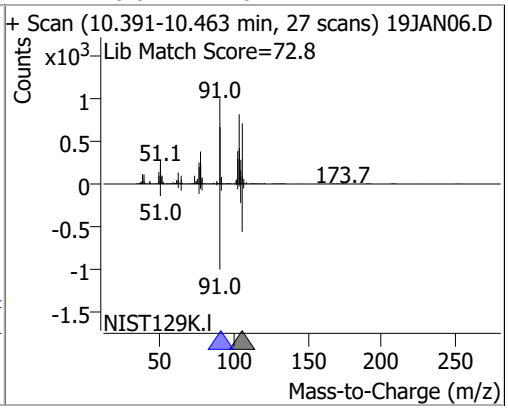




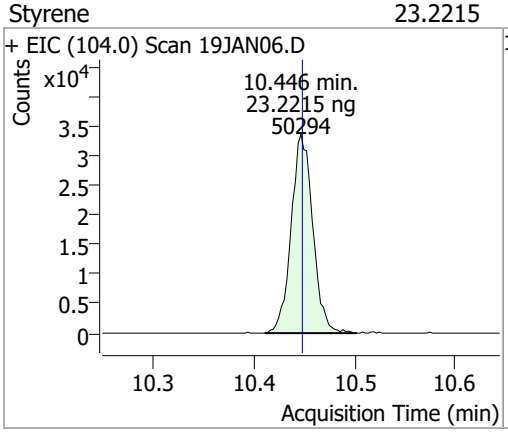
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	23.3834	10.43	-0.01	30498	91.0	210.6	181.4	241.4

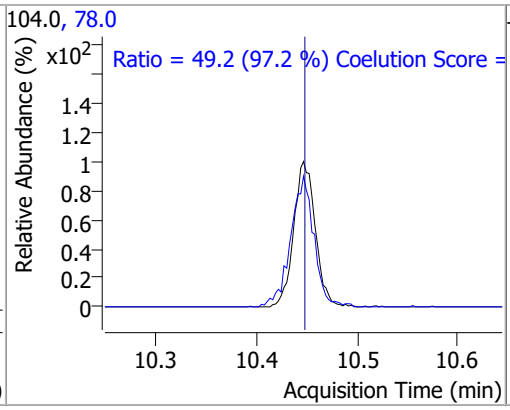


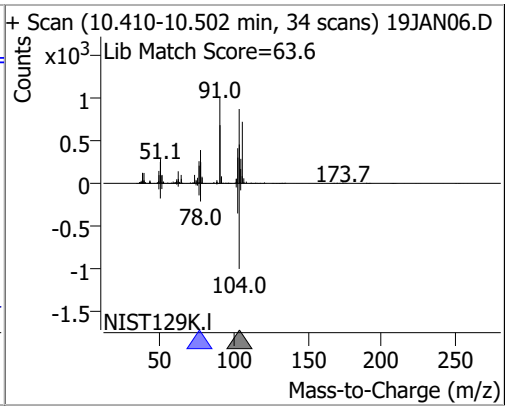




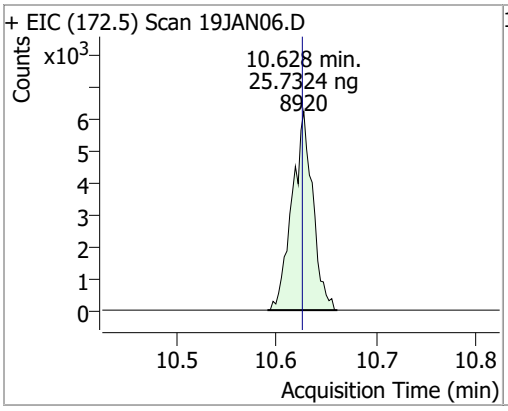
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	23.2215	10.45	0.00	50294	78.0	49.2	20.6	80.6

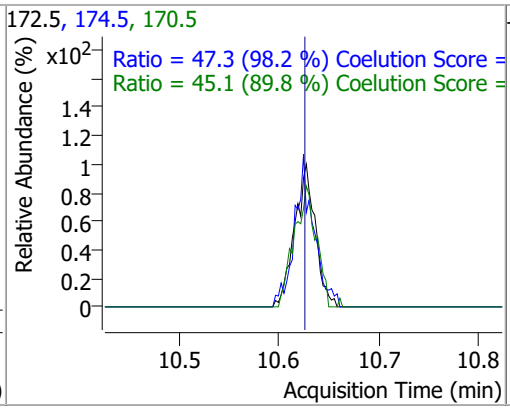


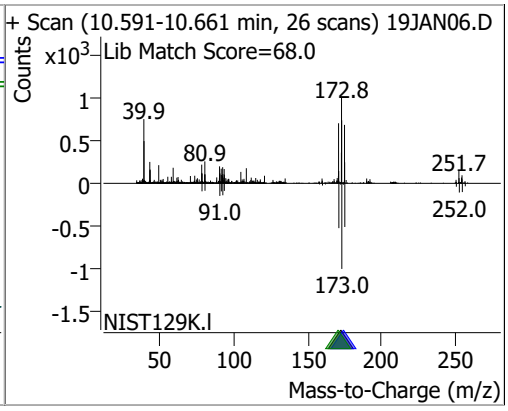




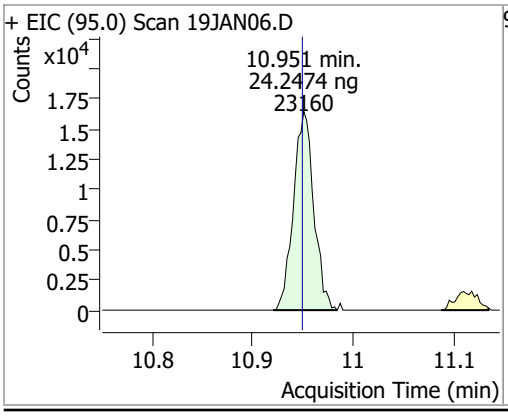
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	25.7324	10.63	0.00	8920	170.5	45.1	20.3	80.3
					174.5	47.3	18.1	78.1

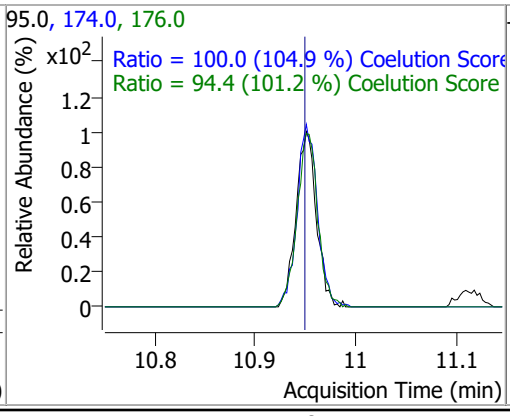


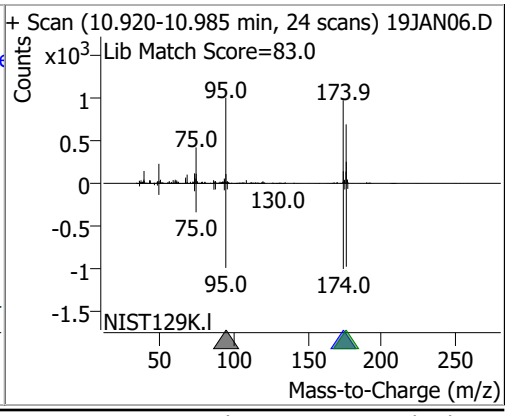




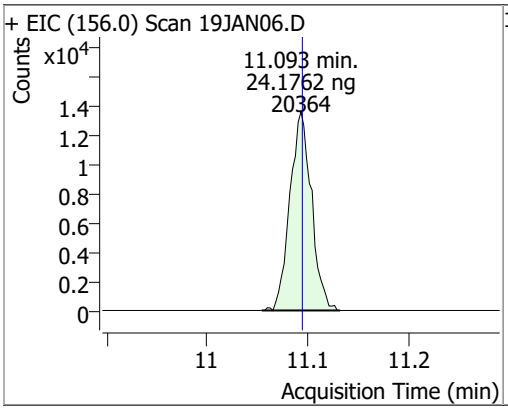
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	24.2474	10.95	0.00	23160	174.0	100.0	65.3	125.3
					176.0	94.4	63.3	123.3

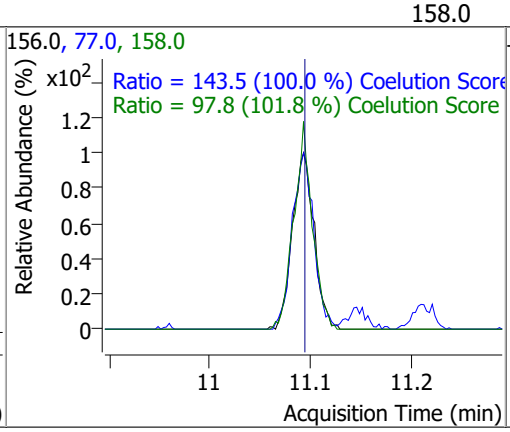


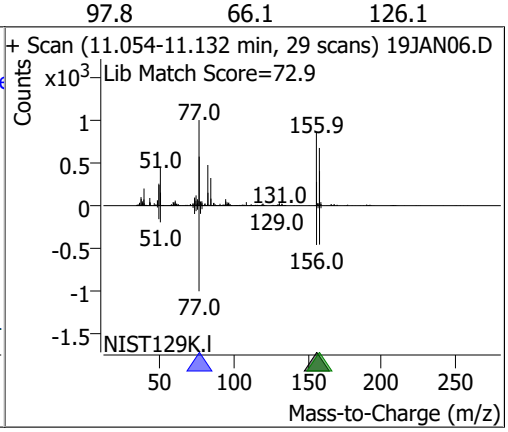




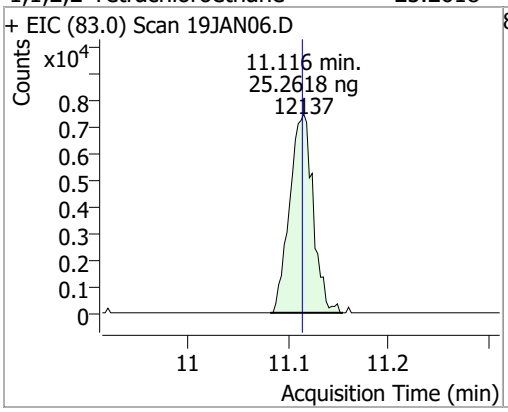
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	24.1762	11.09	0.00	20364	77.0	143.5	113.5	173.5
					158.0	97.8	66.1	126.1

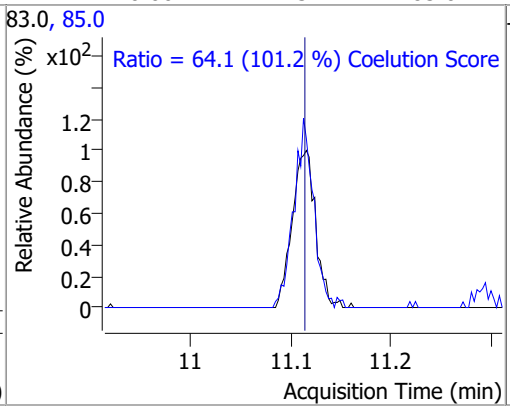


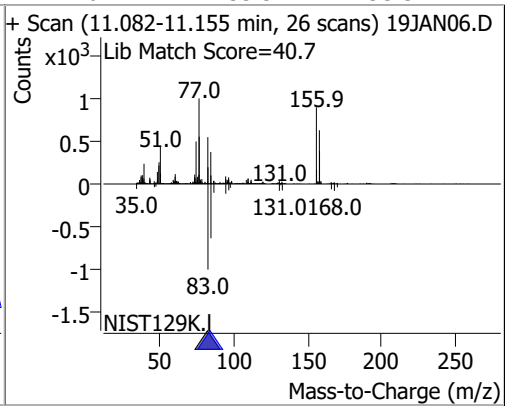




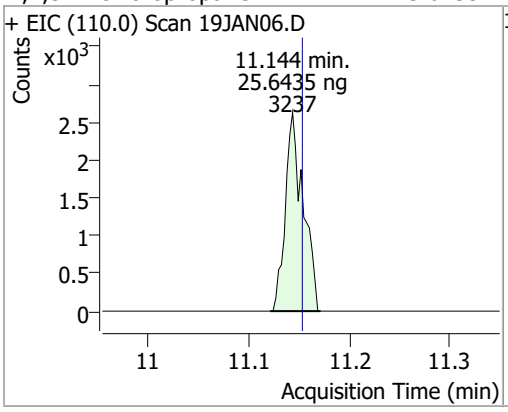
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	25.2618	11.12	0.00	12137	85.0	64.1	33.3	93.3

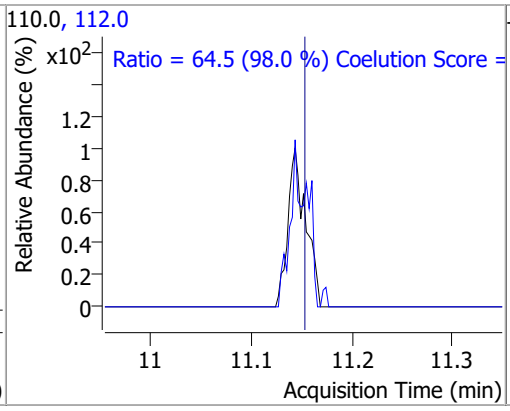


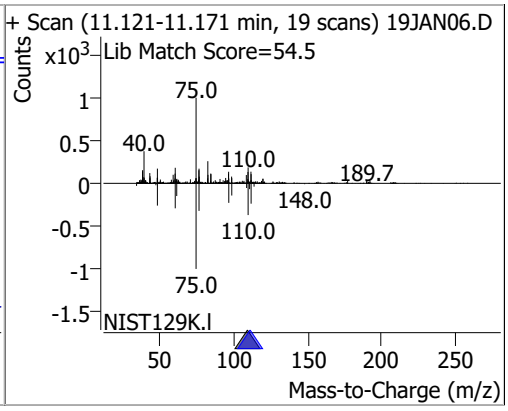




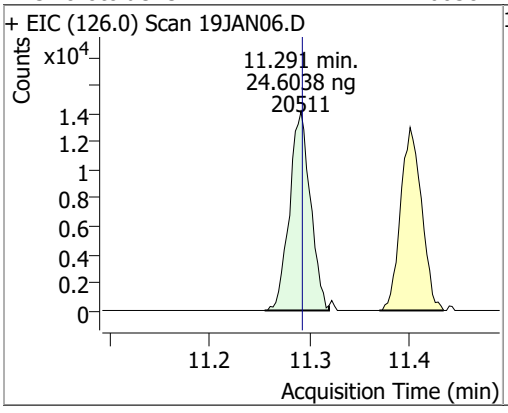
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	25.6435	11.14	-0.01	3237	112.0	64.5	35.8	95.8

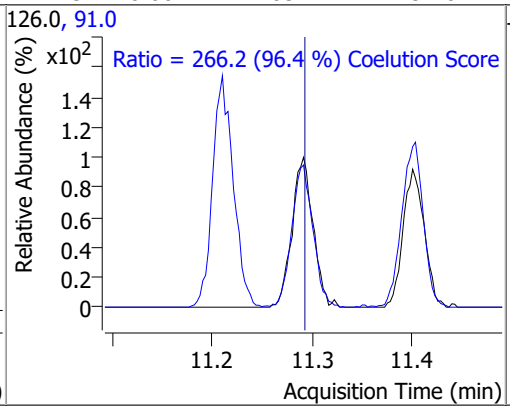


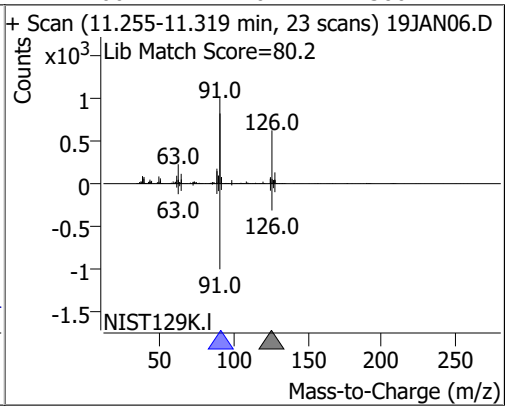




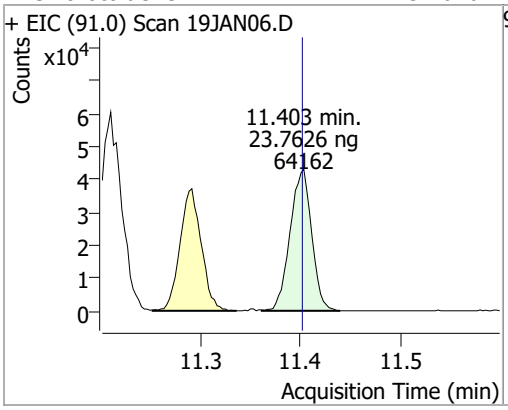
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	24.6038	11.29	0.00	20511	91.0	266.2	246.2	306.2

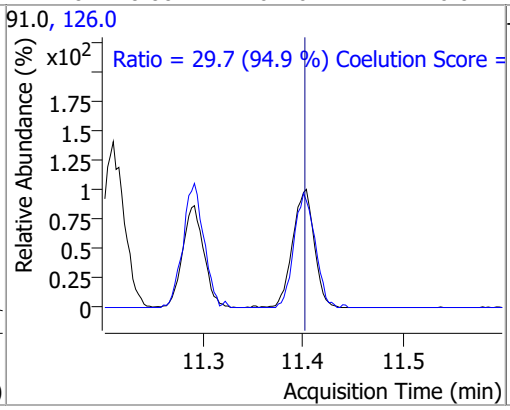


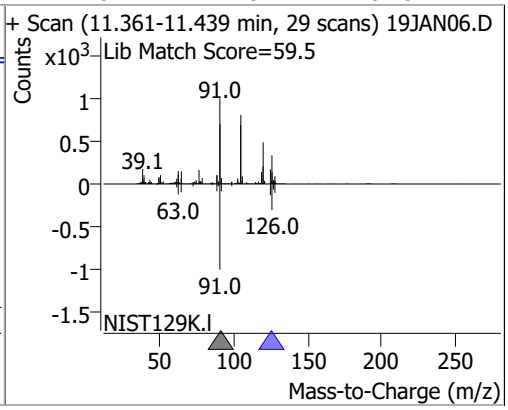




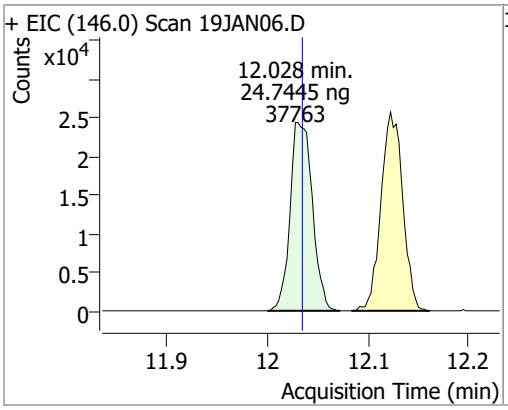
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	23.7626	11.40	0.00	64162	126.0	29.7	1.3	61.3

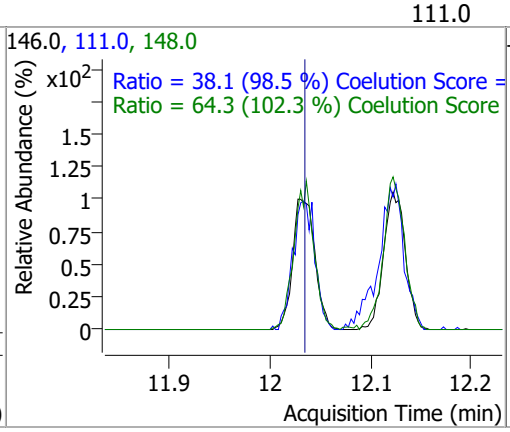


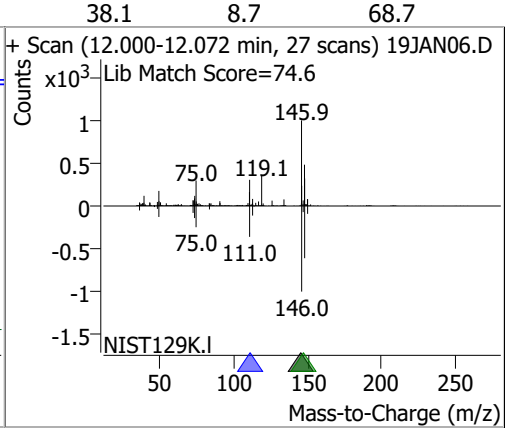




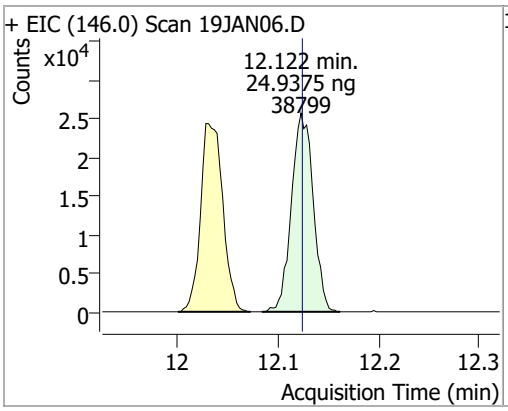
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	24.7445	12.03	-0.01	37763	148.0	64.3	32.8	92.8
					111.0	38.1	8.7	68.7

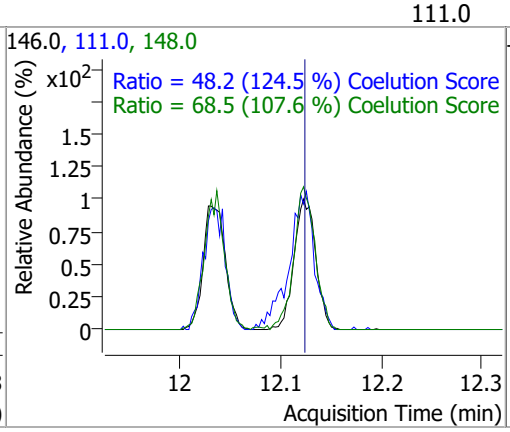


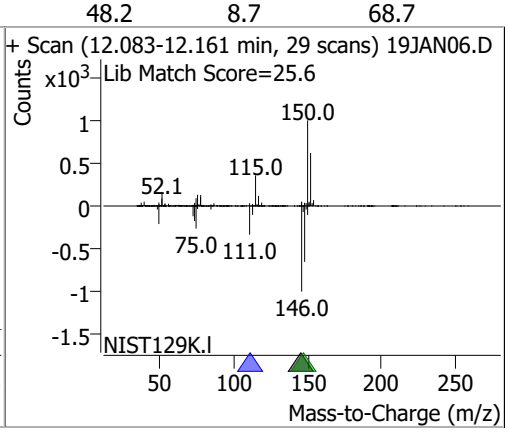




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	24.9375	12.12	0.00	38799	148.0	68.5	33.7	93.7
					111.0	48.2	8.7	68.7

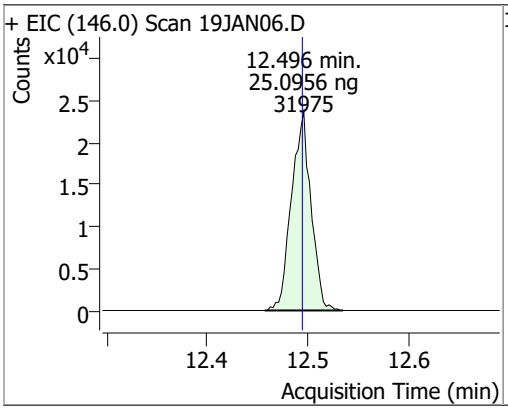


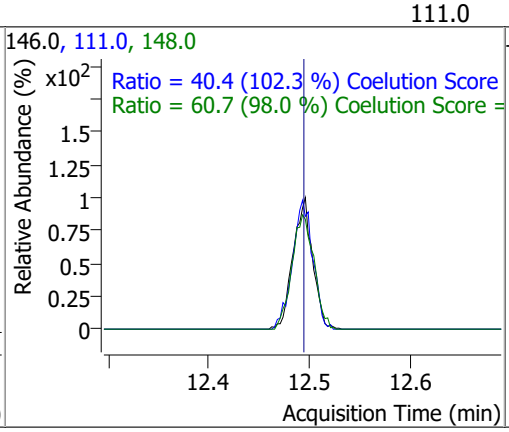


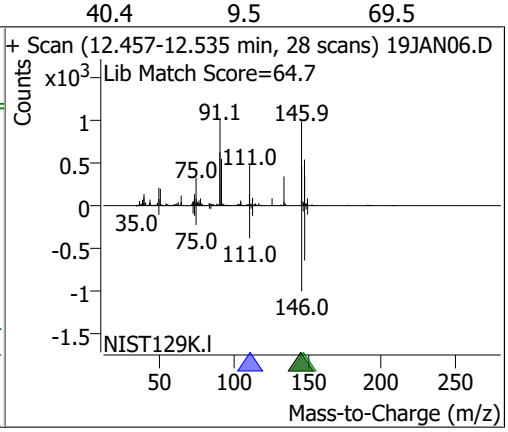


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	25.0956	12.50	0.00	31975	148.0	60.7	31.9	91.9
					111.0	40.4	9.5	69.5







Quantitation Results Report (QT Reviewed)

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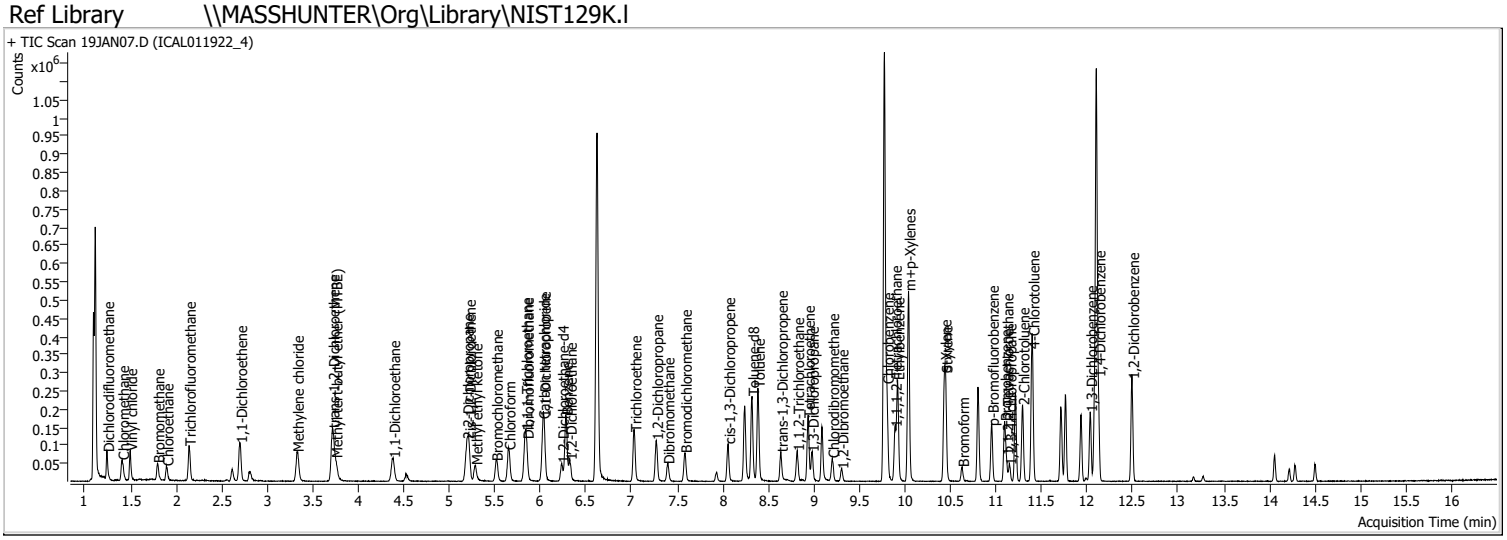
Sample Name	ICAL011922_4	Instrument	VOA5975C
Vial	7	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

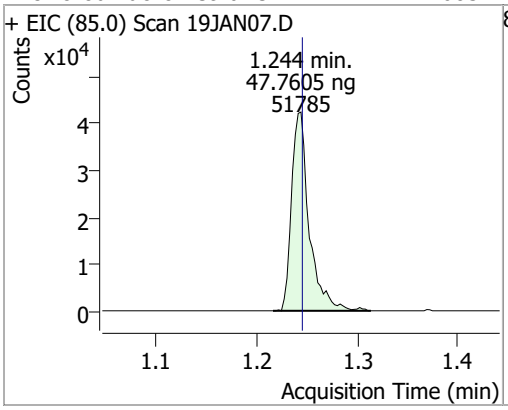


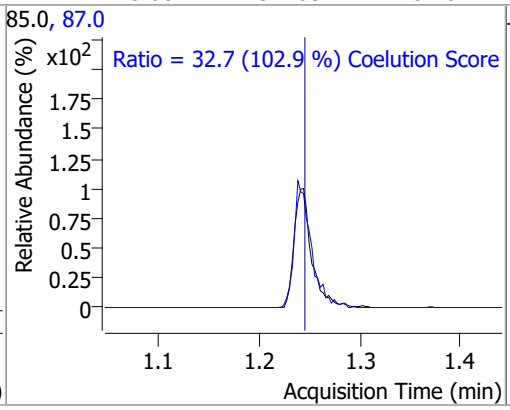
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	806368	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	318877	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	262955	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	38453	49.2335	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 19.69%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	16425	48.6831	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 19.47%		*	
S Toluene-d8	8.322	98.0	142617	45.8435	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 18.34%		*	
S p-Bromofluorobenzene	10.954	95.0	45114	46.4666	ng		0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 18.59%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.244	85.0	51785	47.7605	ng		98
T Chloromethane	1.408	50.0	63351	49.6275	ng		100
T Vinyl chloride	1.495	62.0	55437	47.7105	ng		98
T Bromomethane	1.796	96.0	22944	48.0600	ng		94
T Chloroethane	1.894	64.0	26569	48.3306	ng		98
T Trichlorofluoromethane	2.142	101.0	66016	47.3799	ng		97
T 1,1-Dichloroethene	2.702	96.0	38644	47.6655	ng		98
T Methylene chloride	3.327	49.0	58184	49.3612	ng		97
T trans-1,2-Dichloroethene	3.717	96.0	38732	46.2455	ng		98
T Methyl tert-butyl ether (MTBE)	3.751	73.0	49617	47.3984	ng		86
T 1,1-Dichloroethane	4.384	63.0	75497	48.1651	ng		98
T 2,2-Dichloropropane	5.193	77.0	56651	47.9582	ng		98
T cis-1,2-Dichloroethene	5.212	96.0	39093	46.0997	ng		94
T Methyl ethyl ketone	5.285	43.0	58185	474.7821	ng		99
T Bromochloromethane	5.511	128.0	17084	48.8614	ng		98
T Chloroform	5.647	83.0	74048	47.3129	ng		99

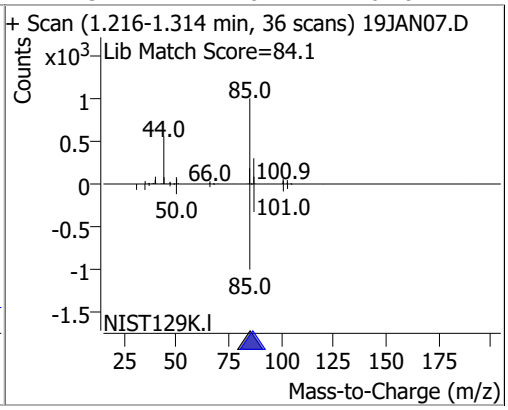
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	69594	48.1944	ng	98
T Carbon tetrachloride	6.026	117.0	66332	47.3626	ng	98
T 1,1-Dichloropropene	6.038	75.0	52282	44.6484	ng	99
T Benzene	6.277	78.0	149512	46.4135	ng	99
T 1,2-Dichloroethane	6.322	62.0	43538	48.9336	ng	96
T Trichloroethene	7.030	95.0	44214	46.3149	ng	96
T 1,2-Dichloropropane	7.270	63.0	38730	46.1437	ng	100
T Dibromomethane	7.393	93.0	16899	47.7666	ng	98
T Bromodichloromethane	7.585	83.0	46426	46.6674	ng	99
T cis-1,3-Dichloropropene	8.059	75.0	47339	43.3645	ng	94
T Toluene	8.386	92.0	92615	44.6630	ng	98
T trans-1,3-Dichloropropene	8.637	75.0	36009	45.2216	ng	99
T 1,1,2-Trichloroethane	8.818	83.0	19237	47.5110	ng	90
T Tetrachloroethene	8.935	163.8	38749	46.0820	ng	98
T 1,3-Dichloropropane	8.977	76.0	38147	46.5568	ng	98
T Chlorodibromomethane	9.203	129.0	30000	46.0058	ng	99
T 1,2-Dibromoethane	9.303	107.0	20667	46.2152	ng	93
T Chlorobenzene	9.802	112.0	106223	46.7283	ng	98
T 1,1,1,2-Tetrachloroethane	9.889	131.0	37389	46.8776	ng	96
T Ethylbenzene	9.919	91.0	171854	44.7337	ng	99
T m+p-Xylenes	10.039	106.0	136806	89.3329	ng	99
T o-Xylene	10.433	106.0	58814	44.2320	ng	96
T Styrene	10.446	104.0	97810	44.2974	ng	100
T Bromoform	10.628	172.5	16290	46.2317	ng	98
T Bromobenzene	11.093	156.0	39639	46.2967	ng	97
T 1,1,2,2-Tetrachloroethane	11.113	83.0	24493	50.1531	ng	98
T 1,2,3-Trichloropropane	11.149	110.0	6147	47.9073	ng	97
T 2-Chlorotoluene	11.291	126.0	37139	43.8276	ng	93
T 4-Chlorotoluene	11.400	91.0	125553	45.7452	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	73221	47.2010	ng	97
T 1,4-Dichlorobenzene	12.122	146.0	72168	45.6332	ng	97
T 1,2-Dichlorobenzene	12.493	146.0	59208	45.7163	ng	96

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

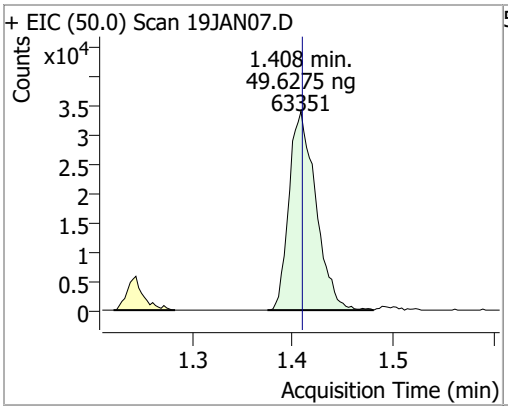
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	47.7605	1.24	0.00	51785	87.0	32.7	1.8	61.8

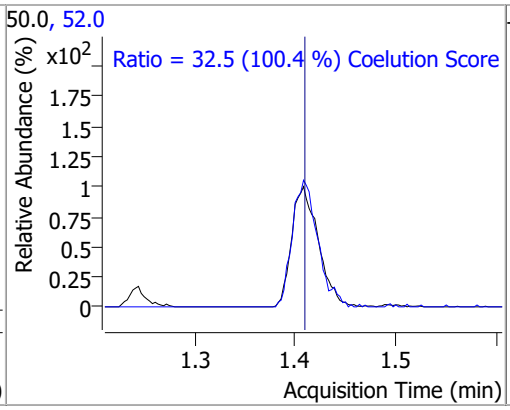


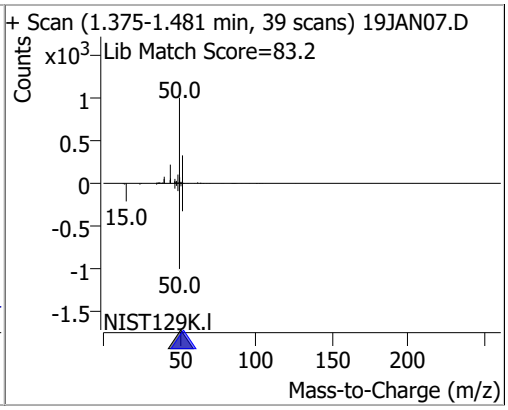




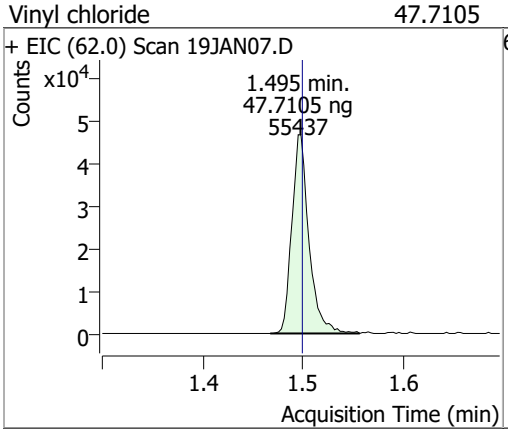
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	49.6275	1.41	0.00	63351	52.0	32.5	2.4	62.4

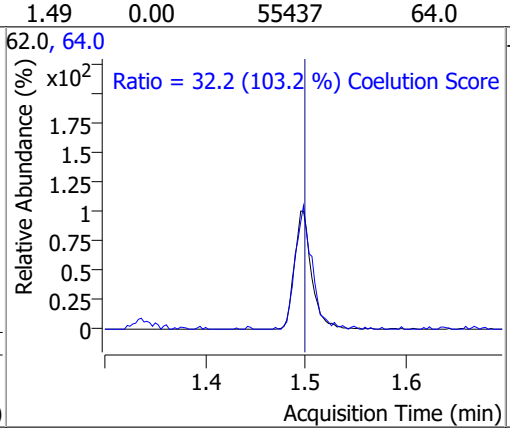


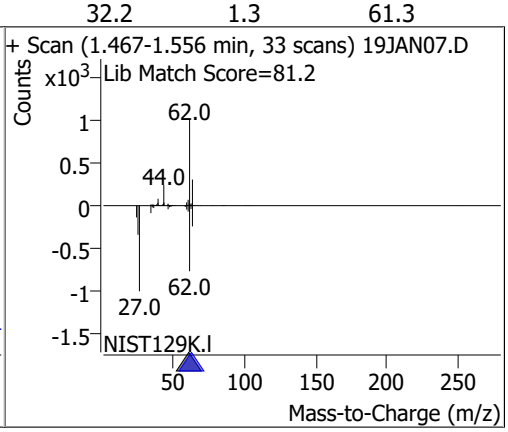




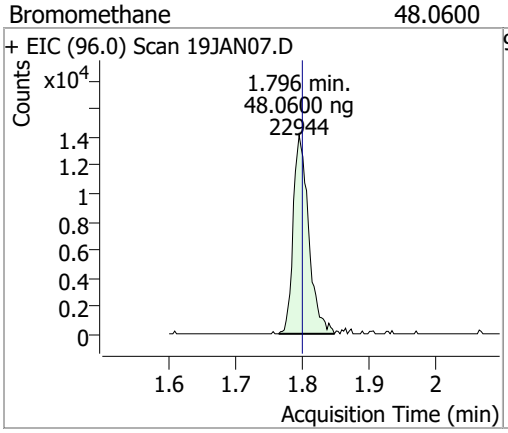
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	47.7105	1.49	0.00	55437	64.0	32.2	1.3	61.3

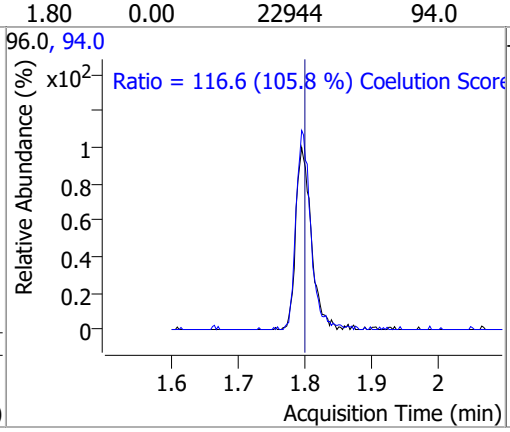


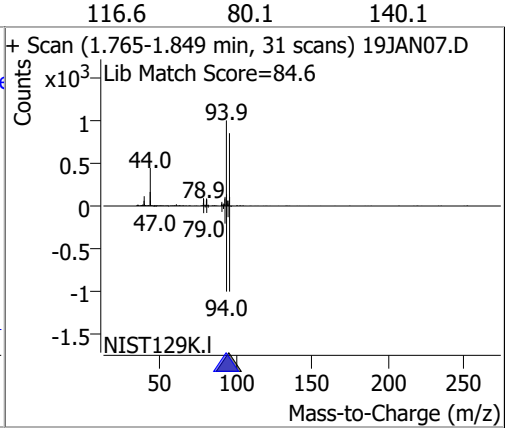




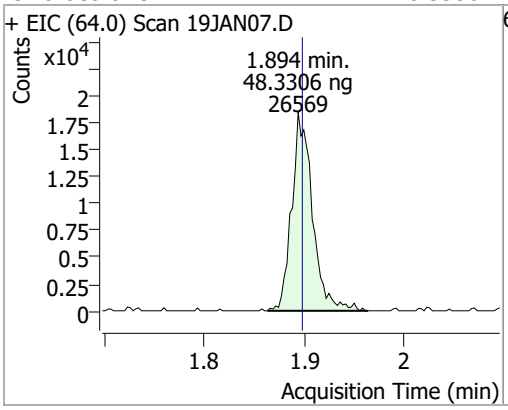
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	48.0600	1.80	0.00	22944	94.0	116.6	80.1	140.1

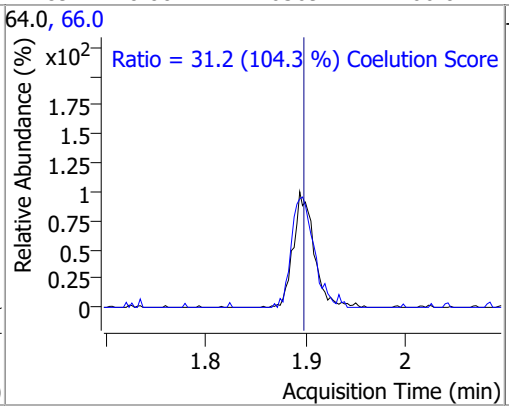


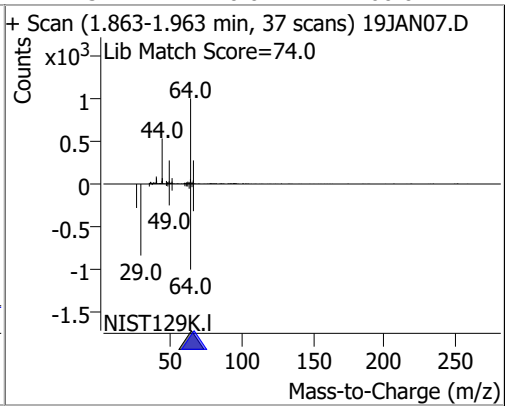




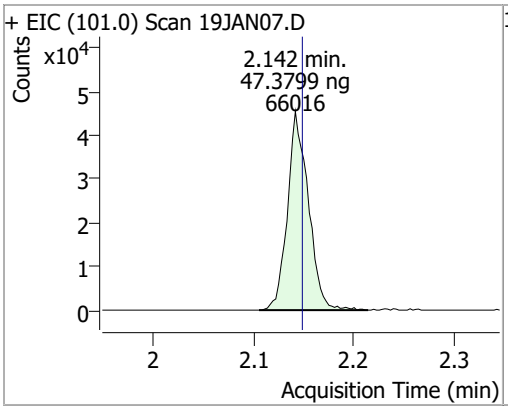
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	48.3306	1.89	0.00	26569	66.0	31.2	0.0	60.0

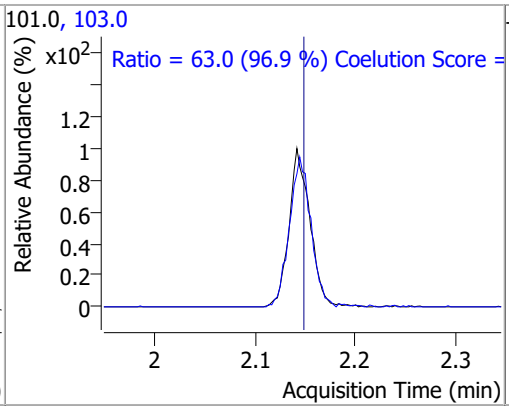


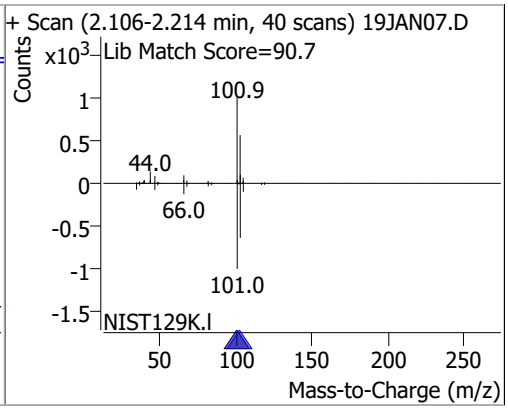




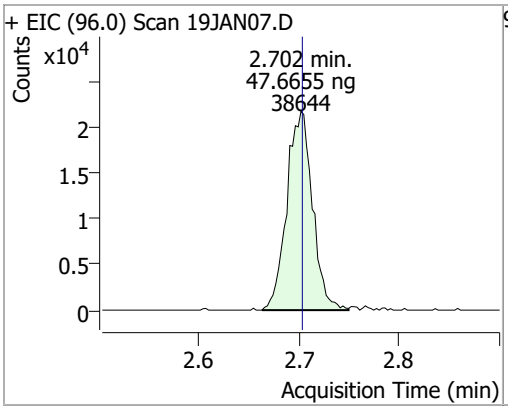
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	47.3799	2.14	-0.01	66016	103.0	63.0	35.0	95.0

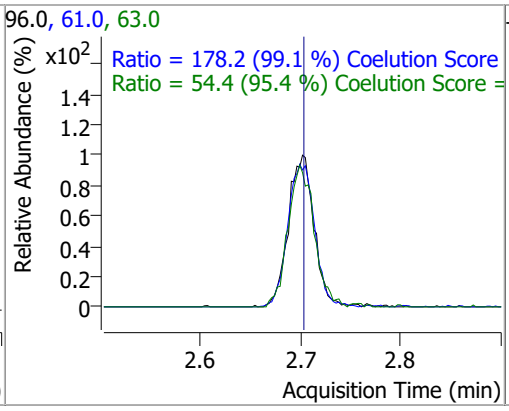


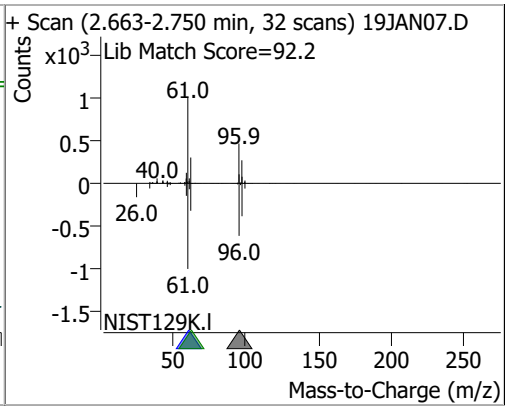




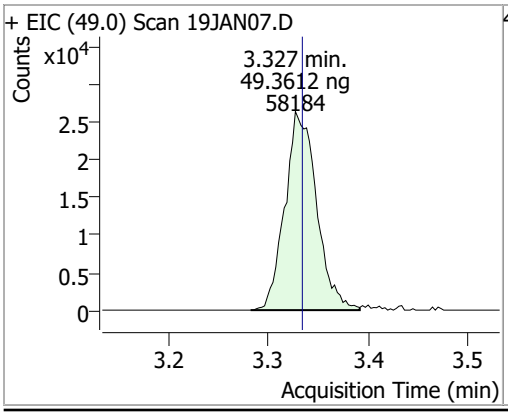
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	47.6655	2.70	0.00	38644	61.0	178.2	149.9	209.9
					63.0	54.4	27.0	87.0

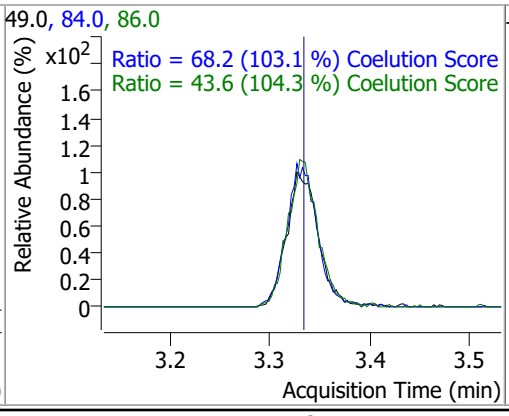


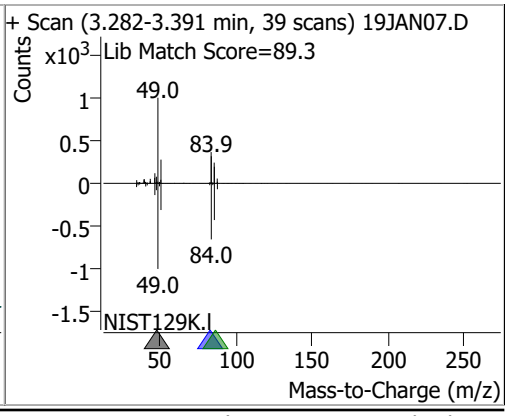




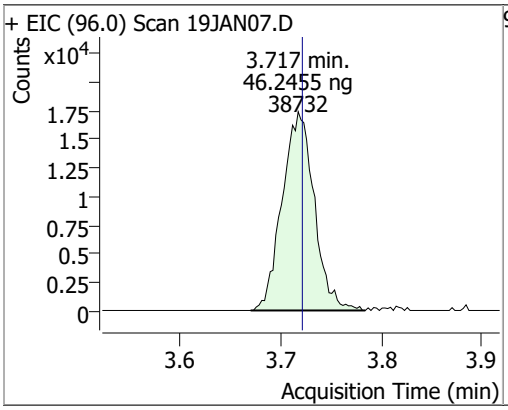
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	49.3612	3.33	-0.01	58184	84.0	68.2	36.1	96.1
					86.0	43.6	11.8	71.8

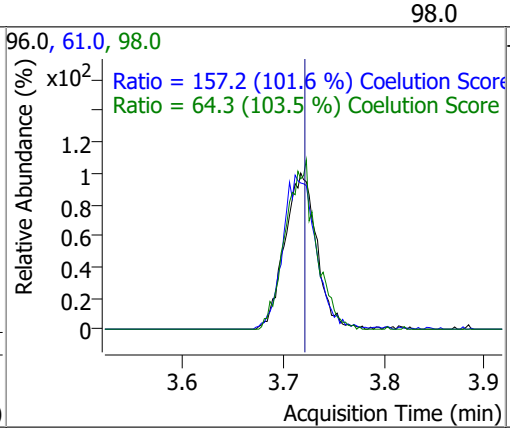


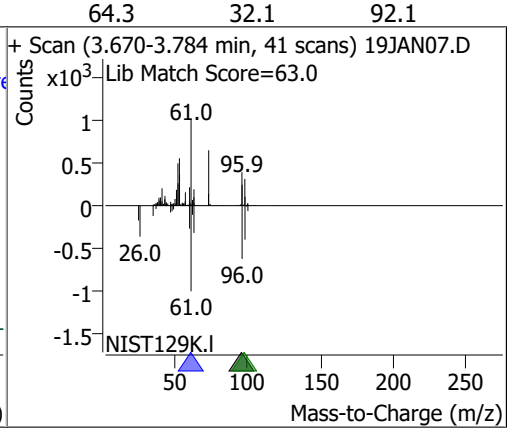




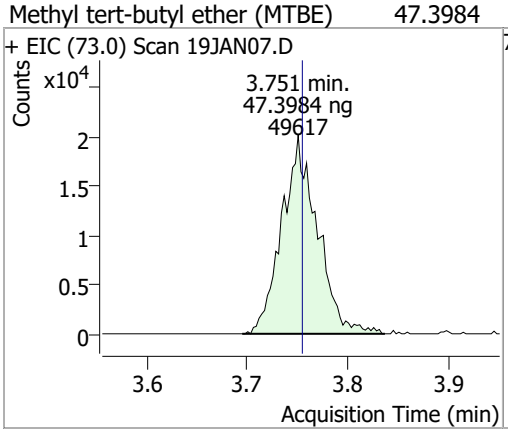
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	46.2455	3.72	0.00	38732	61.0	157.2	124.8	184.8
					98.0	64.3	32.1	92.1

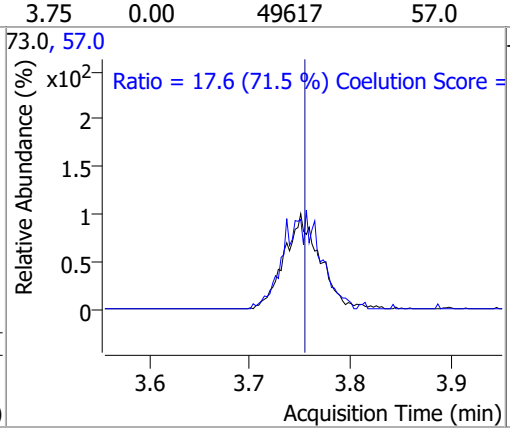


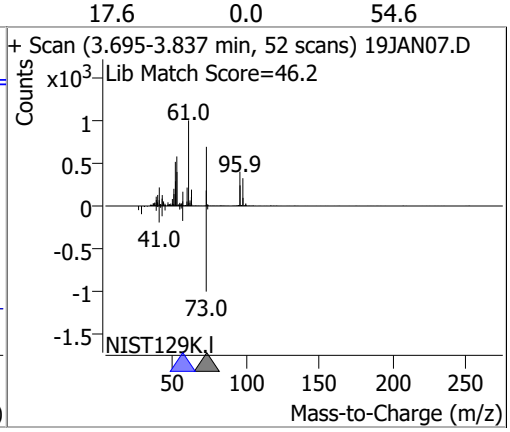




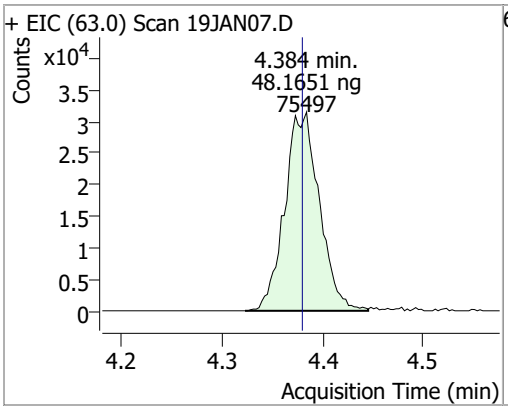
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	47.3984	3.75	0.00	49617	57.0	17.6	0.0	54.6

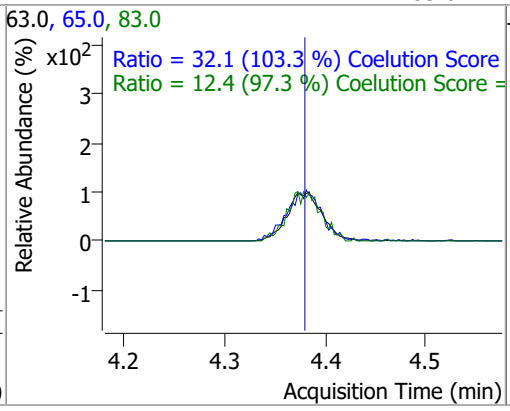


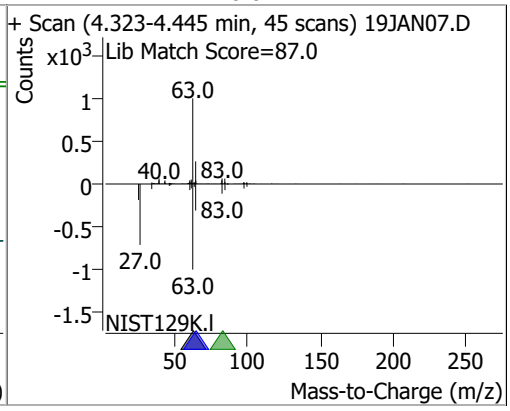




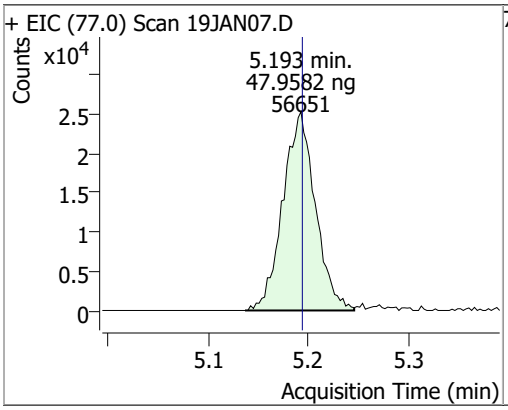
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	48.1651	4.38	0.01	75497	65.0	32.1	1.0	61.0
					83.0	12.4	0.0	42.7

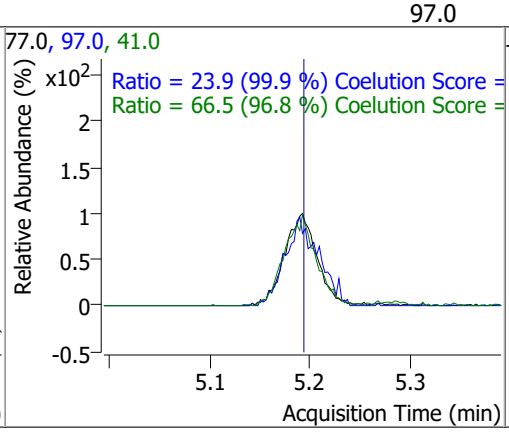


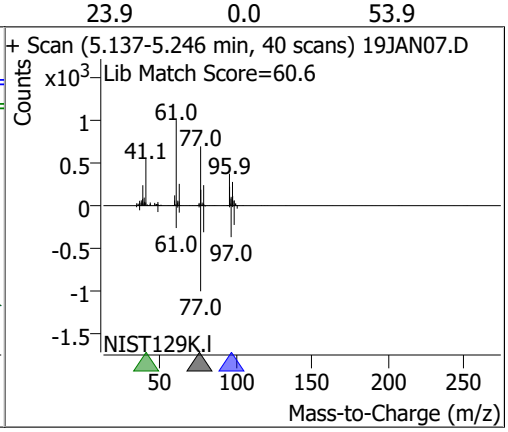




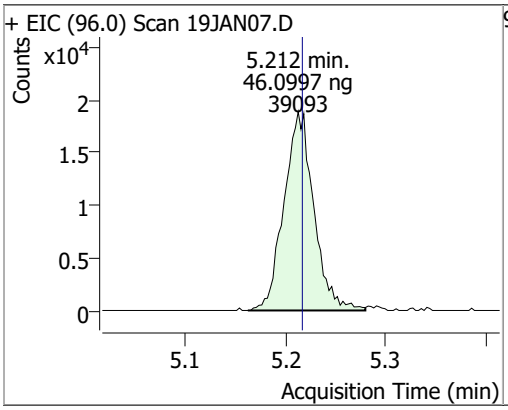
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	47.9582	5.19	0.00	56651	41.0	66.5	38.8	98.8
					97.0	23.9	0.0	53.9

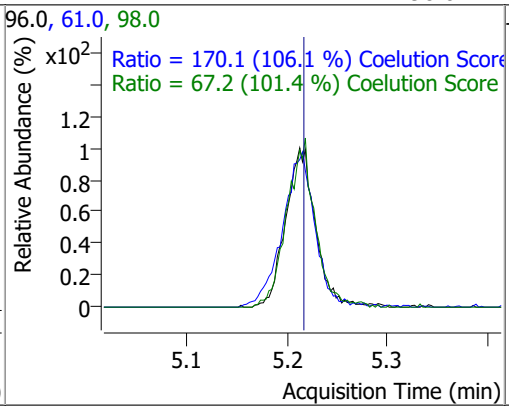


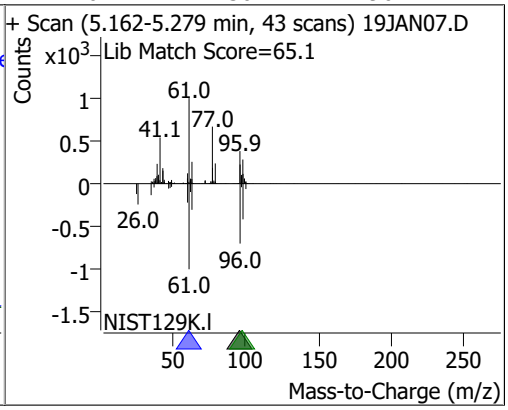




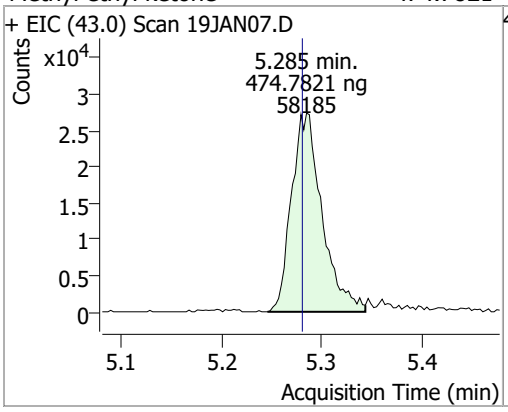
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	46.0997	5.21	0.00	39093	61.0	170.1	130.4	190.4
					98.0	67.2	36.2	96.2

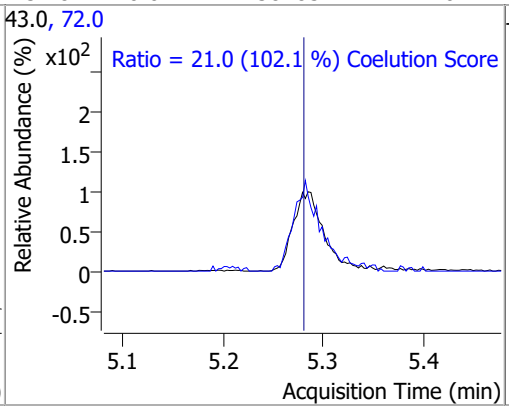


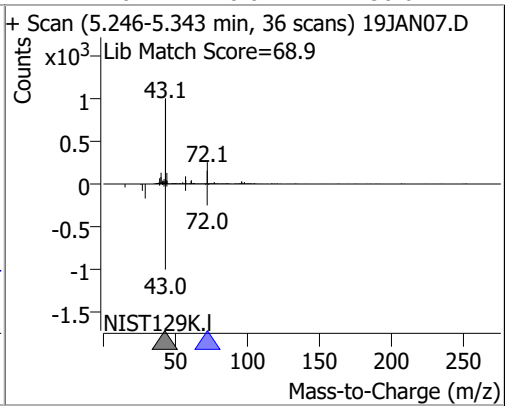




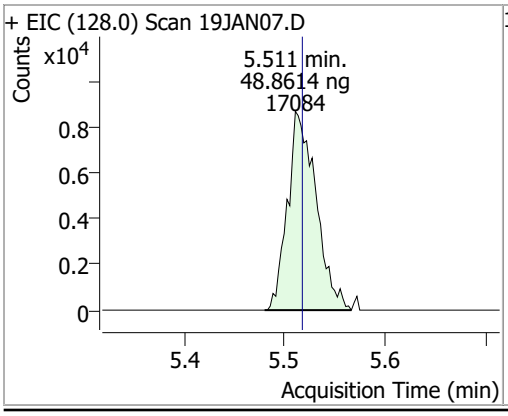
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	474.7821	5.28	0.01	58185	72.0	21.0	0.0	50.6

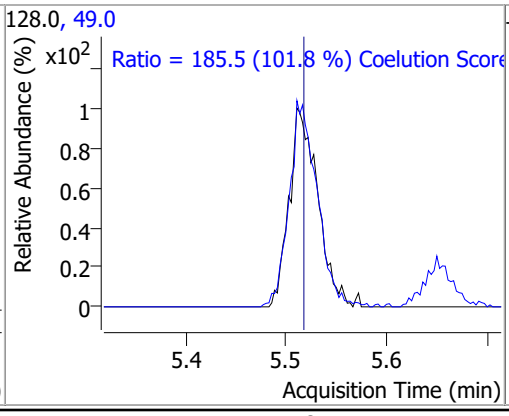


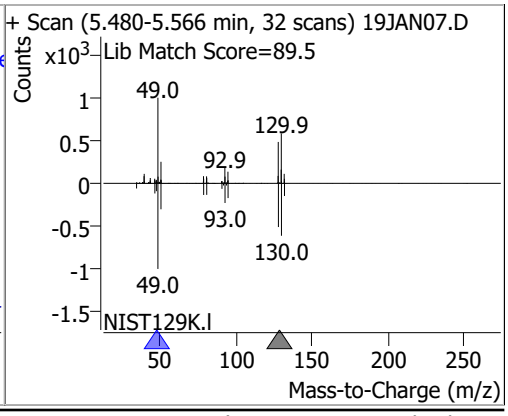




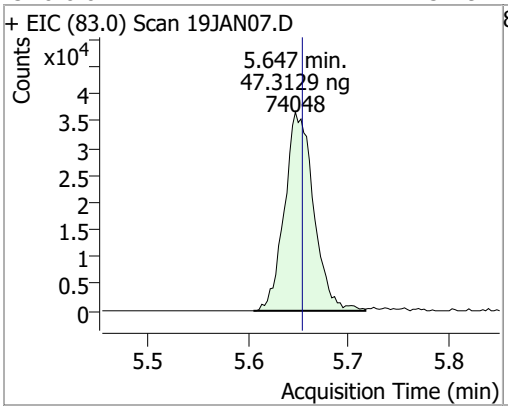
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	48.8614	5.51	-0.01	17084	49.0	185.5	152.2	212.2

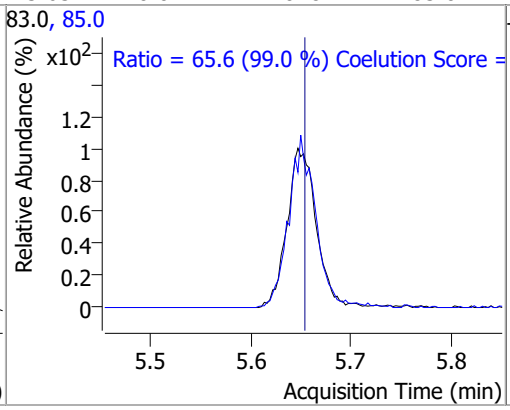


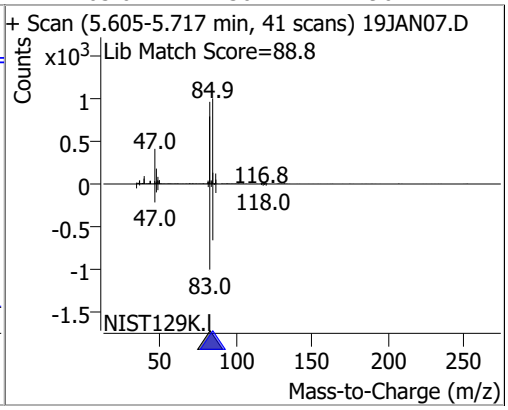




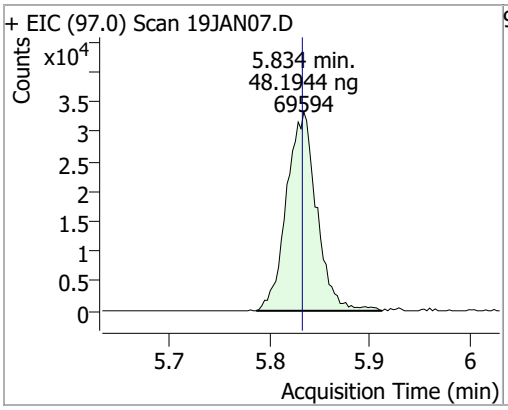
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	47.3129	5.65	-0.01	74048	85.0	65.6	36.2	96.2

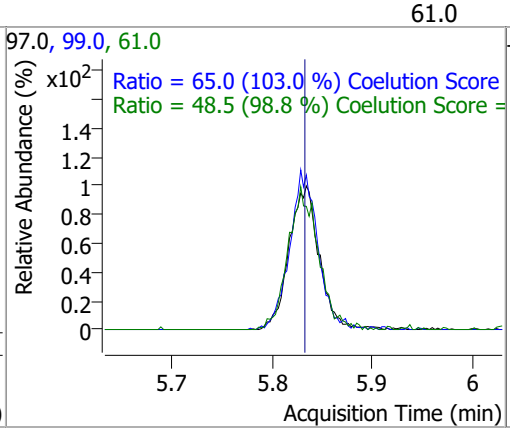


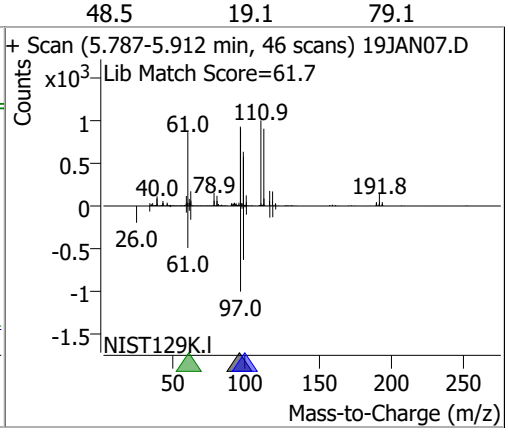




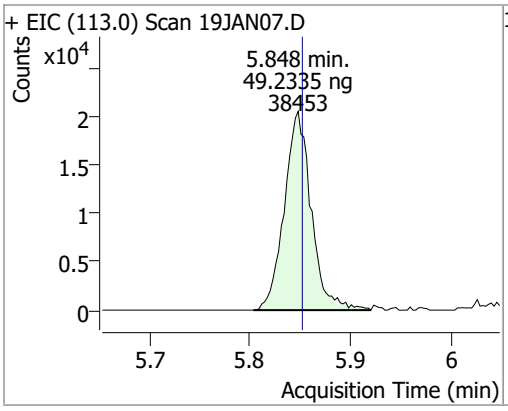
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	48.1944	5.83	0.00	69594	99.0	65.0	33.1	93.1
					61.0	48.5	19.1	79.1

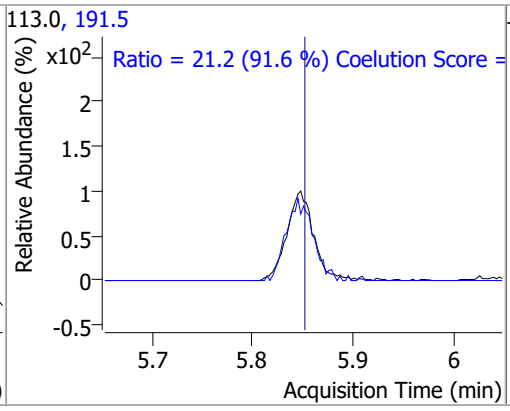


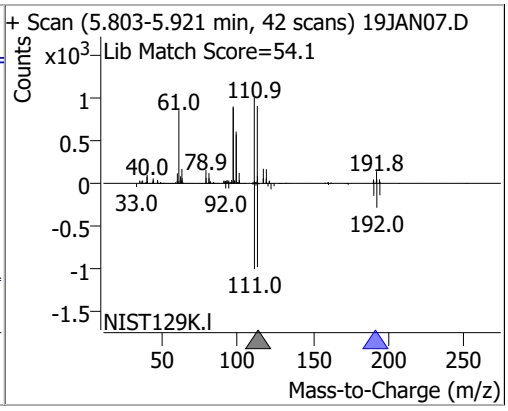




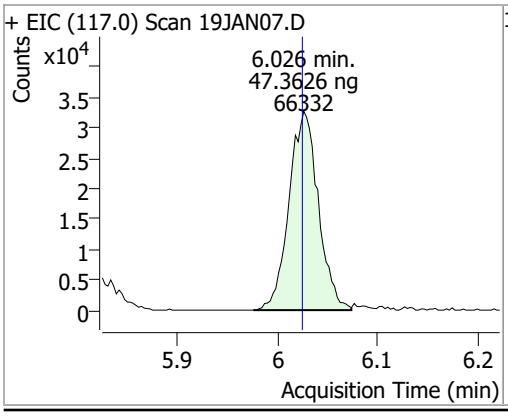
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	49.2335	5.85	0.00	38453	191.5	21.2	0.0	53.2

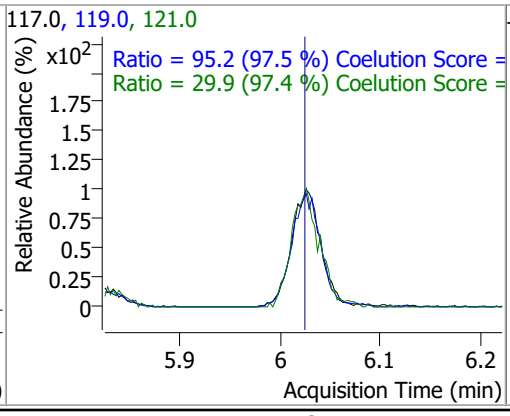


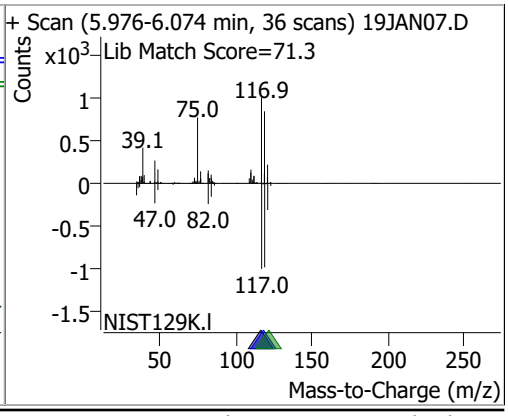




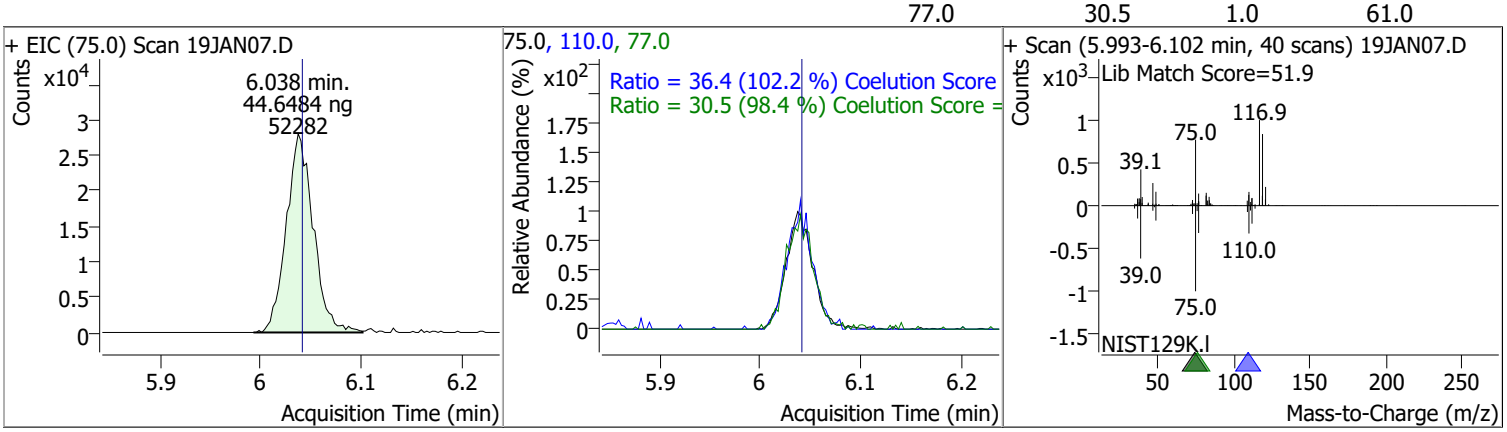
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	47.3626	6.03	0.00	66332	119.0	95.2	67.6	127.6
					121.0	29.9	0.7	60.7



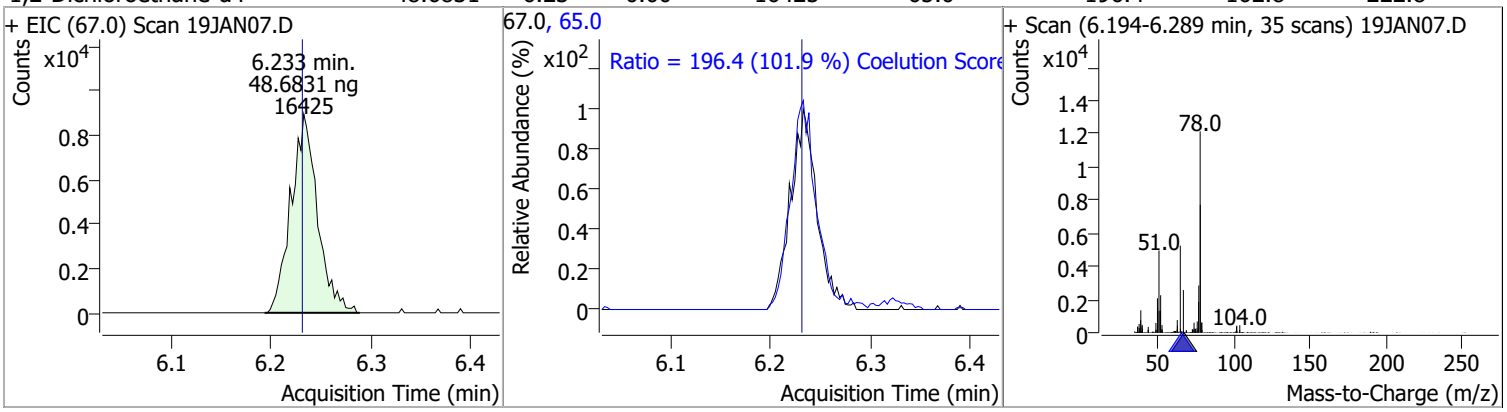




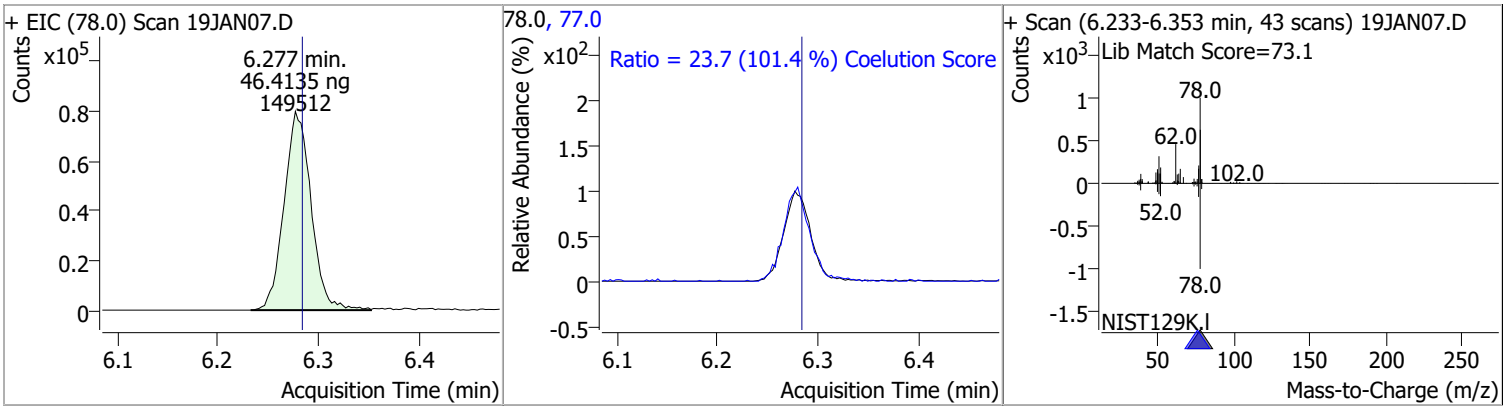
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	44.6484	6.04	0.00	52282	110.0	36.4	5.6	65.6
					77.0	30.5	1.0	61.0



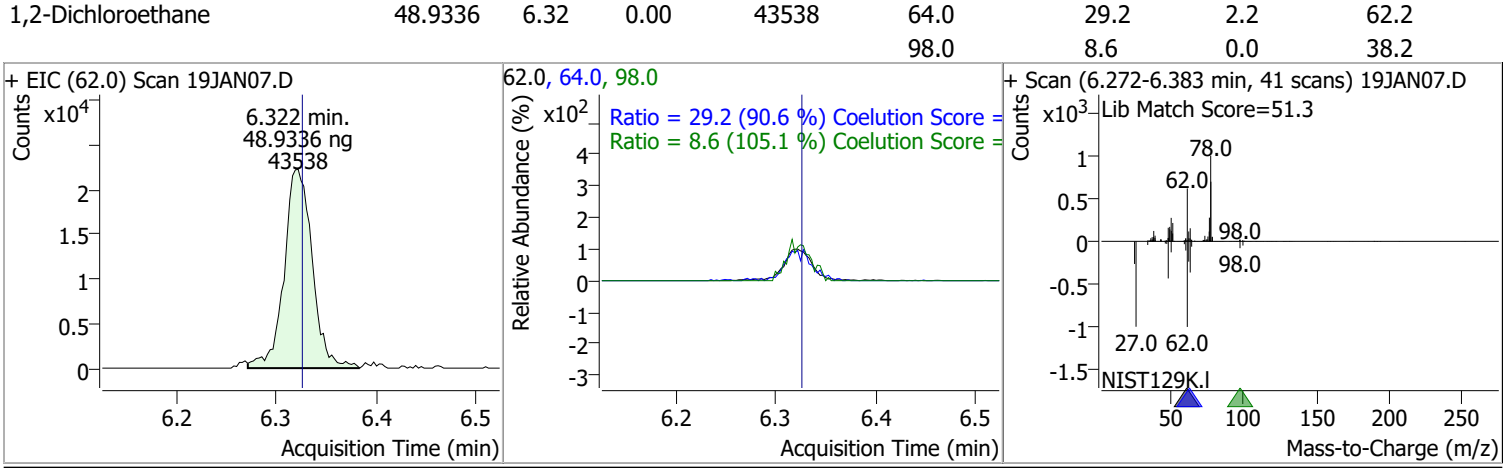
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	48.6831	6.23	0.00	16425	65.0	196.4	162.8	222.8



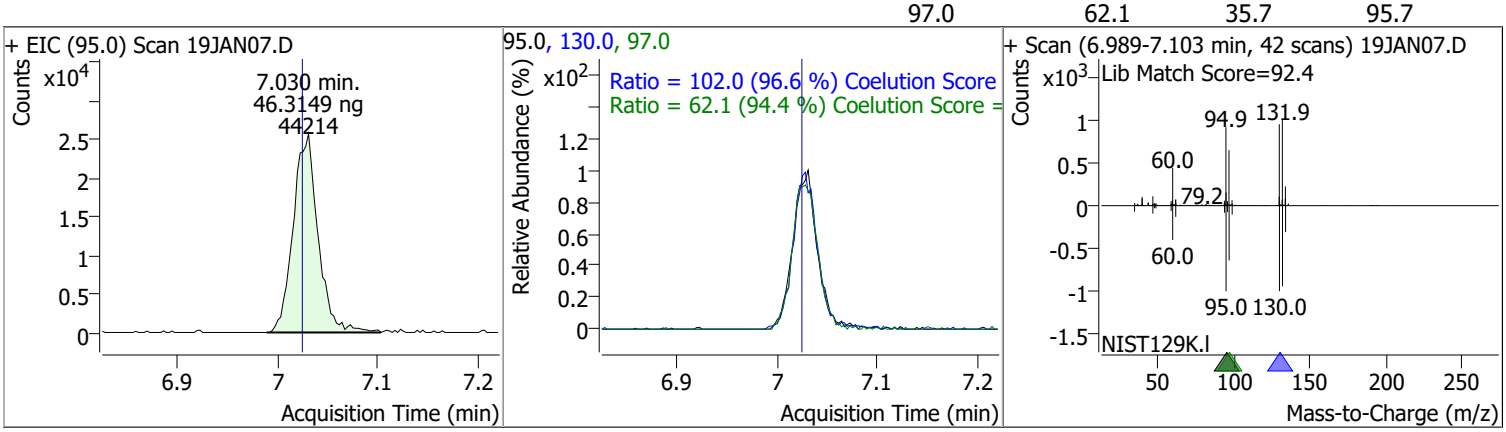
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	46.4135	6.28	-0.01	149512	77.0	23.7	0.0	53.3



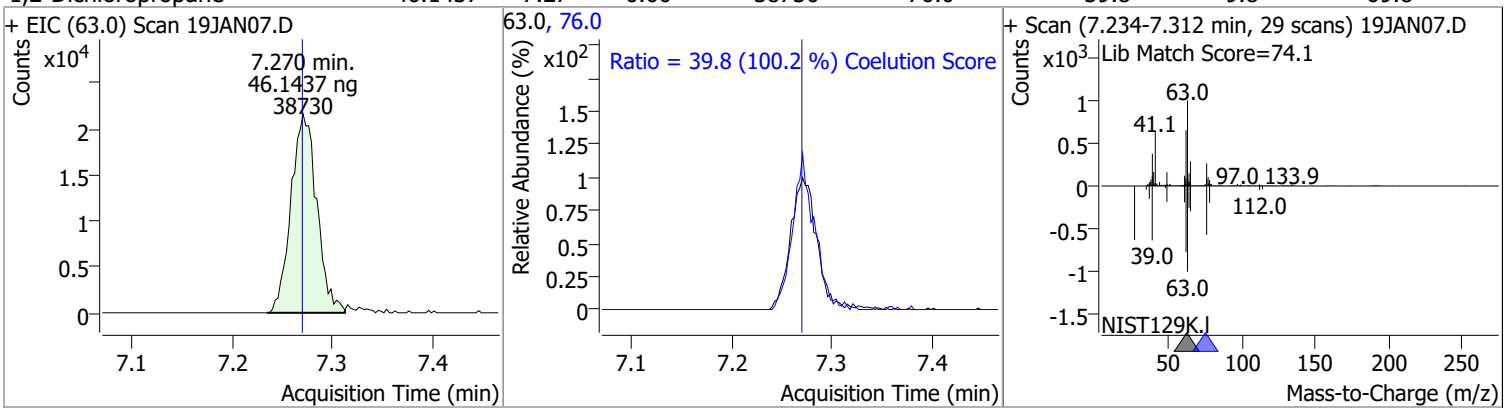
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	48.9336	6.32	0.00	43538	64.0	29.2	2.2	62.2
					98.0	8.6	0.0	38.2



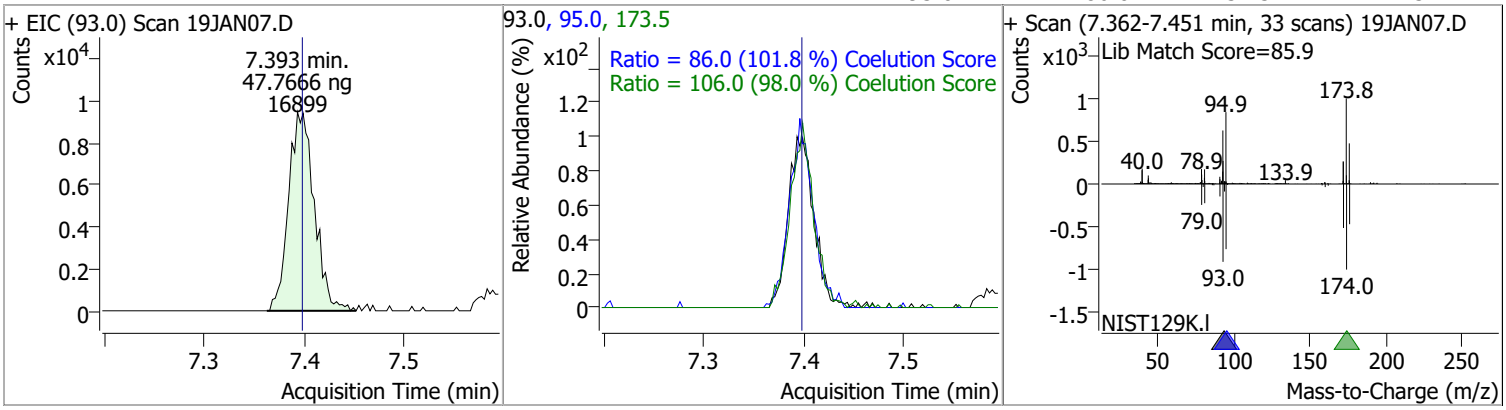
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	46.3149	7.03	0.01	44214	130.0	102.0	75.6	135.6
					97.0	62.1	35.7	95.7



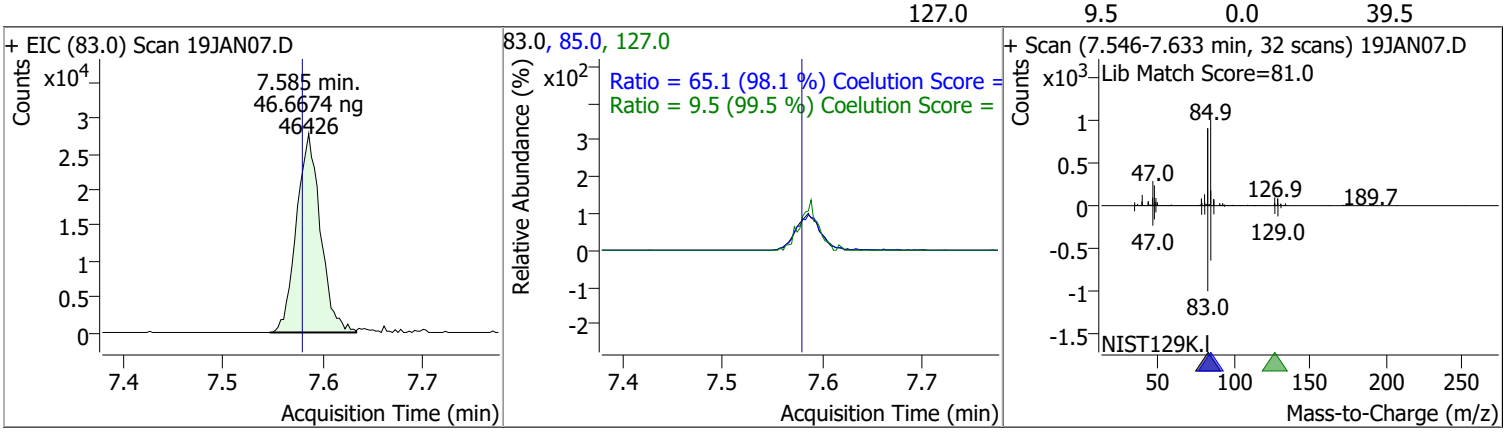
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	46.1437	7.27	0.00	38730	76.0	39.8	9.8	69.8



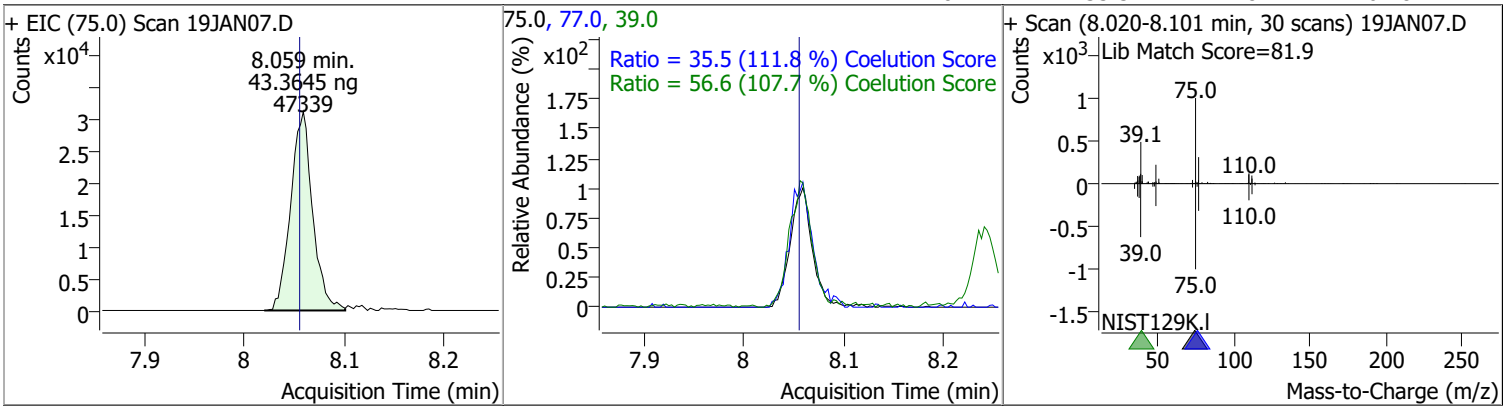
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	47.7666	7.39	-0.01	16899	173.5	106.0	78.2	138.2
					95.0	86.0	54.5	114.5



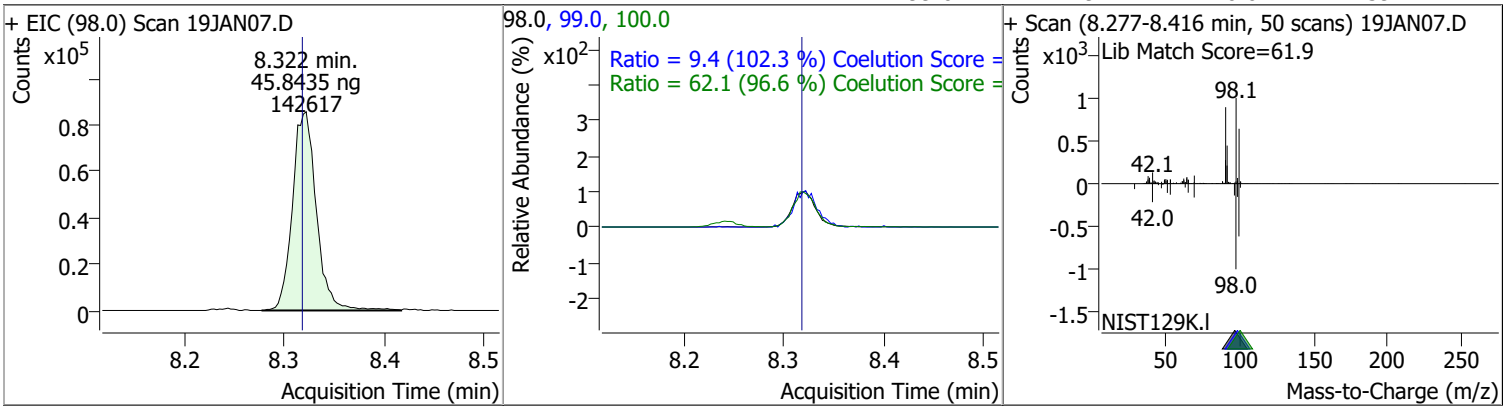
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	46.6674	7.59	0.01	46426	85.0	65.1	36.3	96.3
					127.0	9.5	0.0	39.5



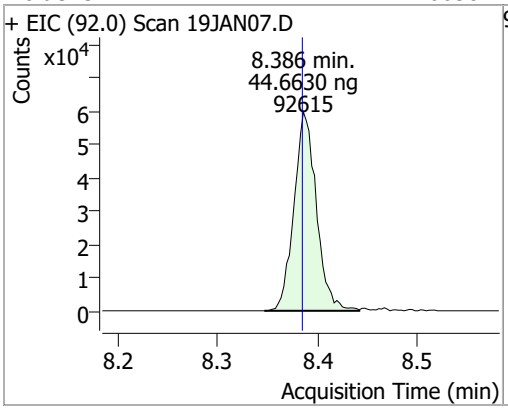
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	43.3645	8.06	0.00	47339	39.0	56.6	22.5	82.5
					77.0	35.5	1.8	61.8

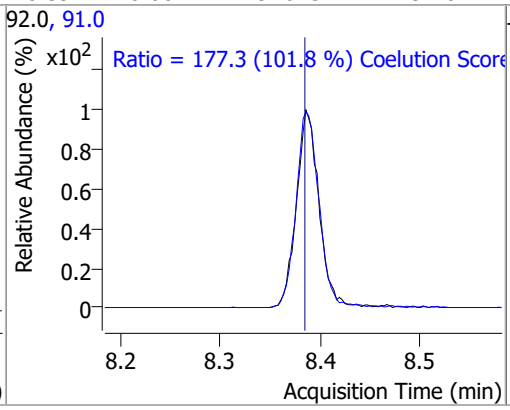


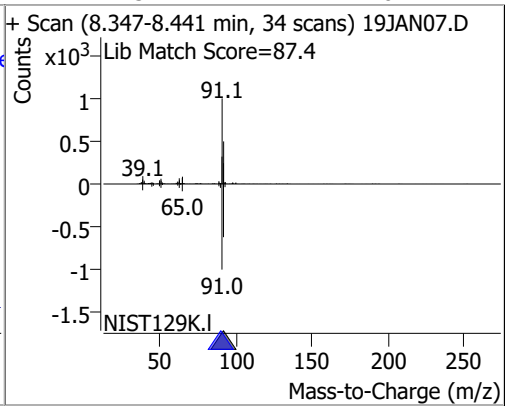
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	45.8435	8.32	0.00	142617	100.0	62.1	34.3	94.3
					99.0	9.4	0.0	39.2



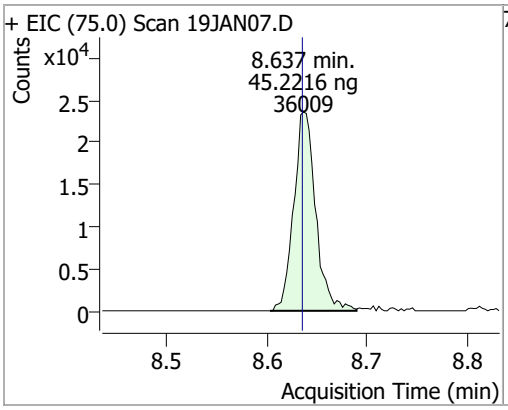
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	44.6630	8.39	0.00	92615	91.0	177.3	144.1	204.1

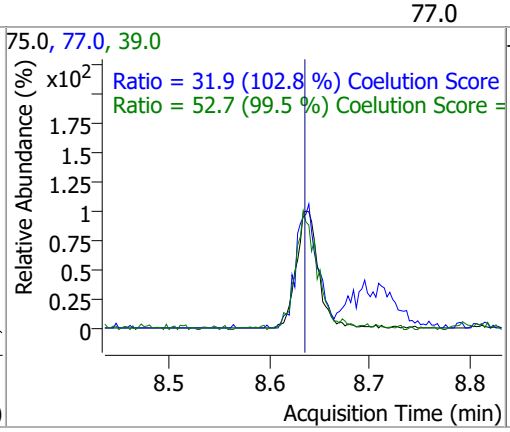


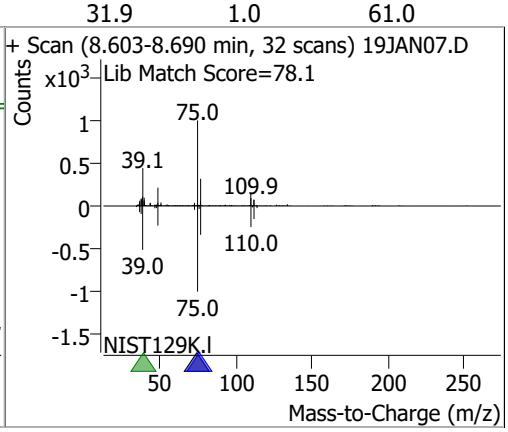




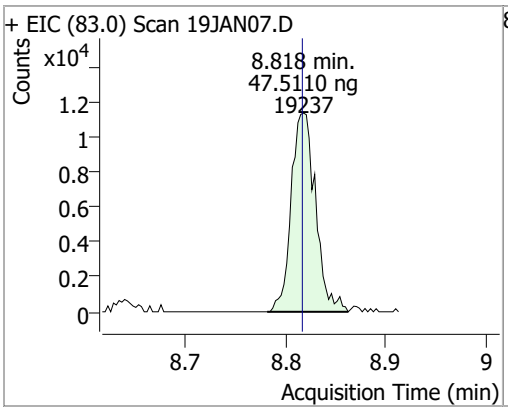
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	45.2216	8.64	0.00	36009	39.0	52.7	23.0	83.0
					77.0	31.9	1.0	61.0

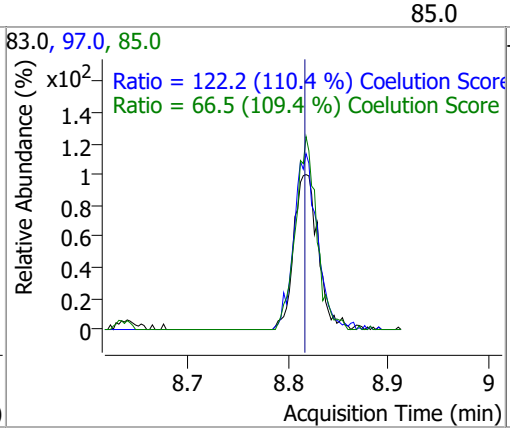


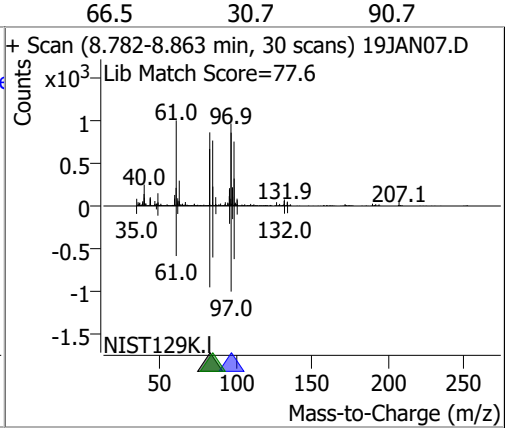




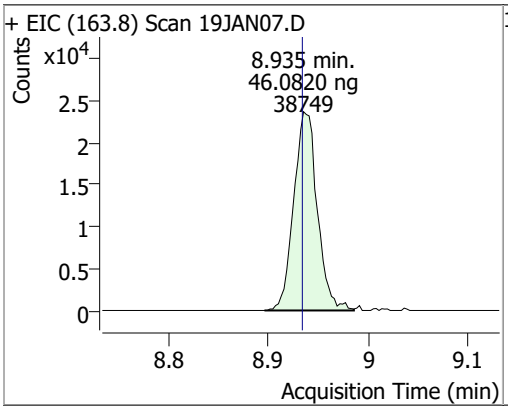
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	47.5110	8.82	0.00	19237	97.0	122.2	80.7	140.7
					85.0	66.5	30.7	90.7

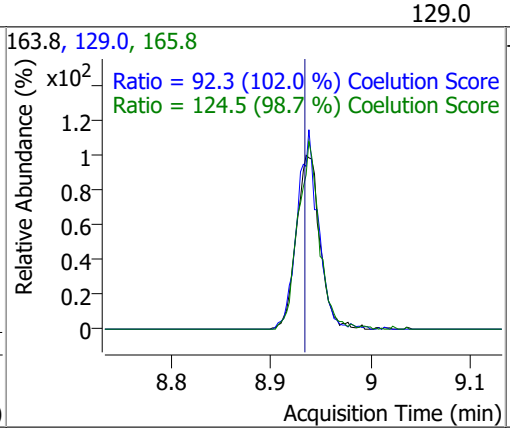


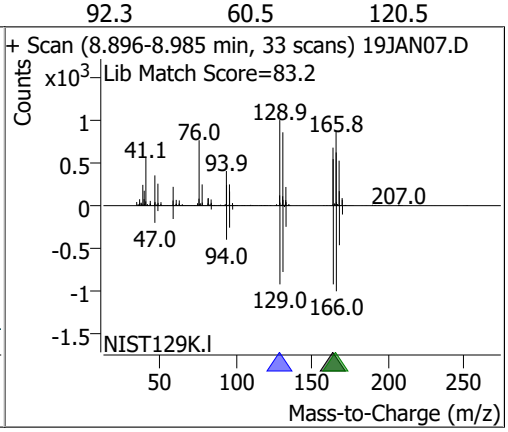




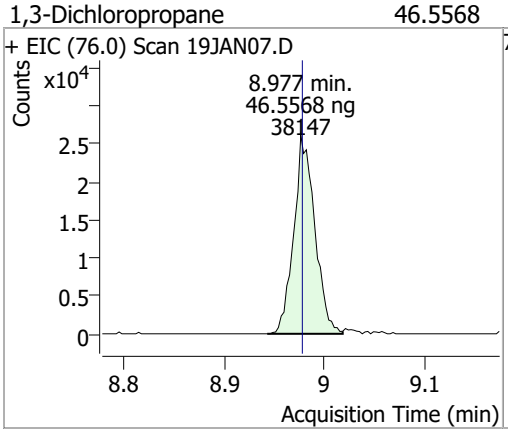
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	46.0820	8.94	0.00	38749	165.8	124.5	96.1	156.1
					129.0	92.3	60.5	120.5

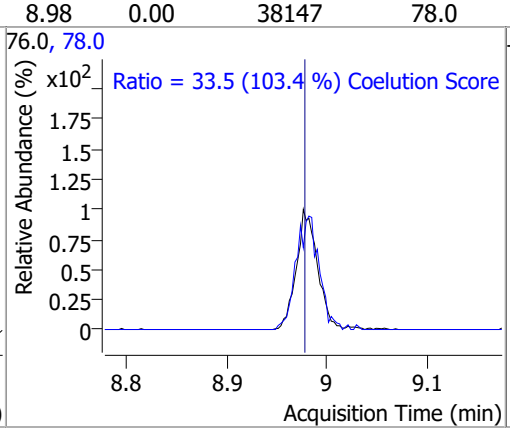


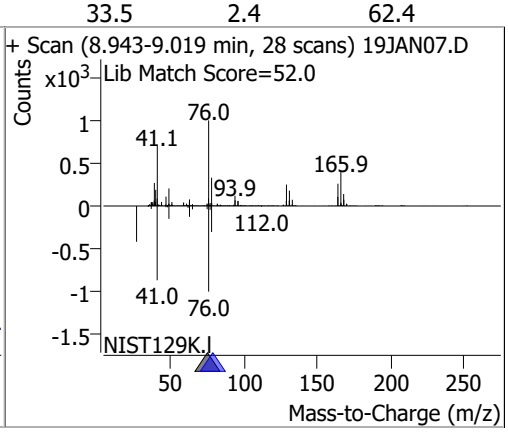




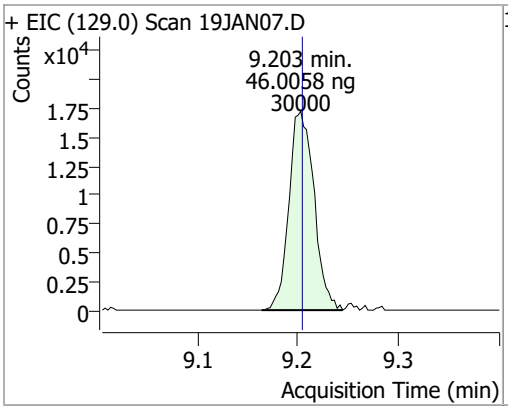
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	46.5568	8.98	0.00	38147	78.0	33.5	2.4	62.4

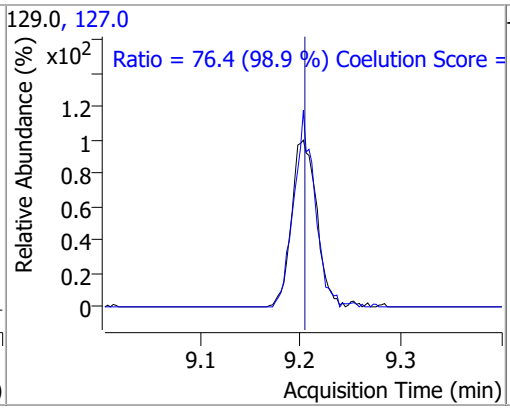


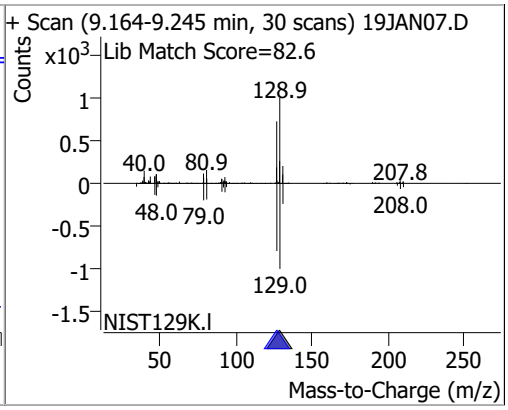




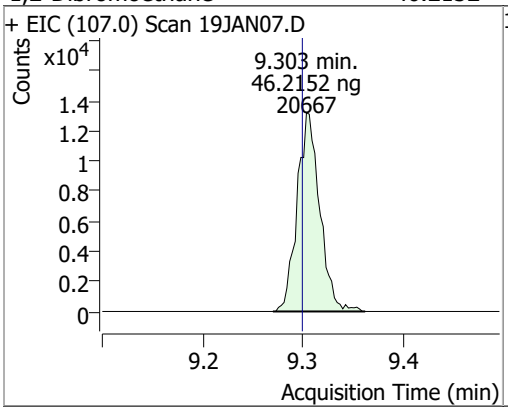
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	46.0058	9.20	0.00	30000	127.0	76.4	47.2	107.2

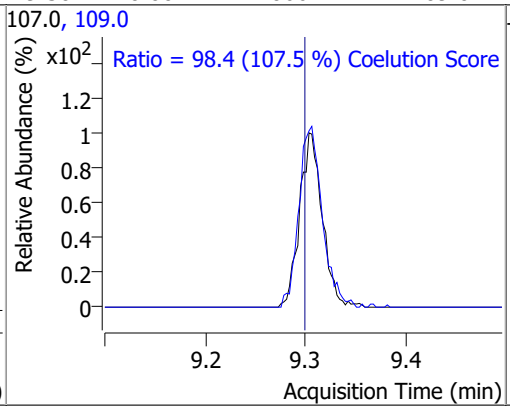


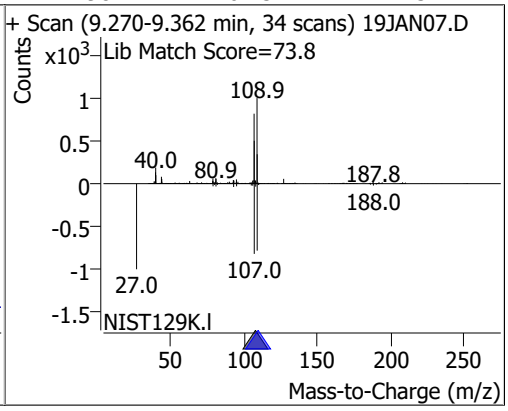




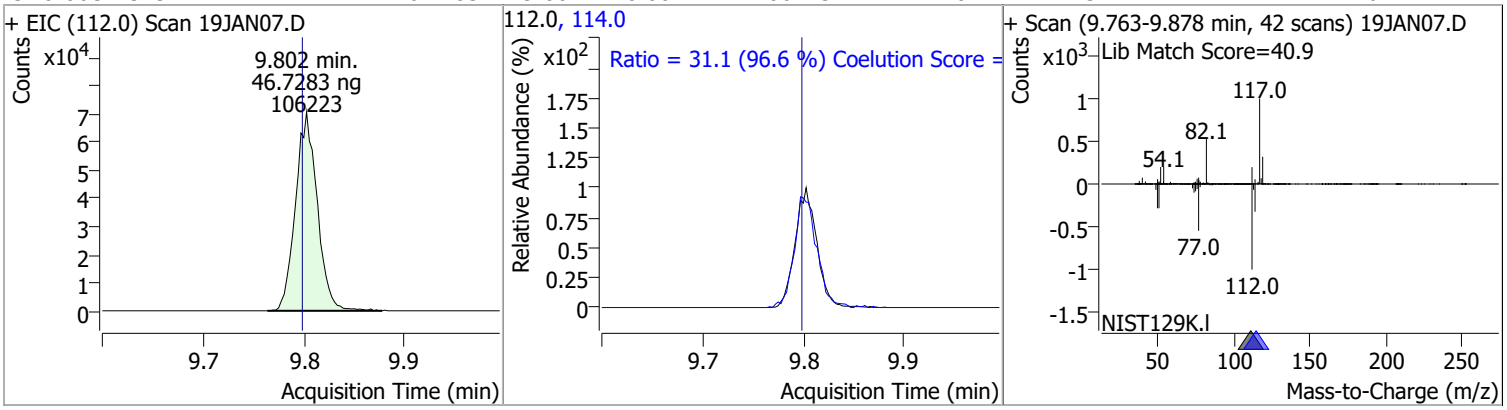
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	46.2152	9.30	0.00	20667	109.0	98.4	61.5	121.5



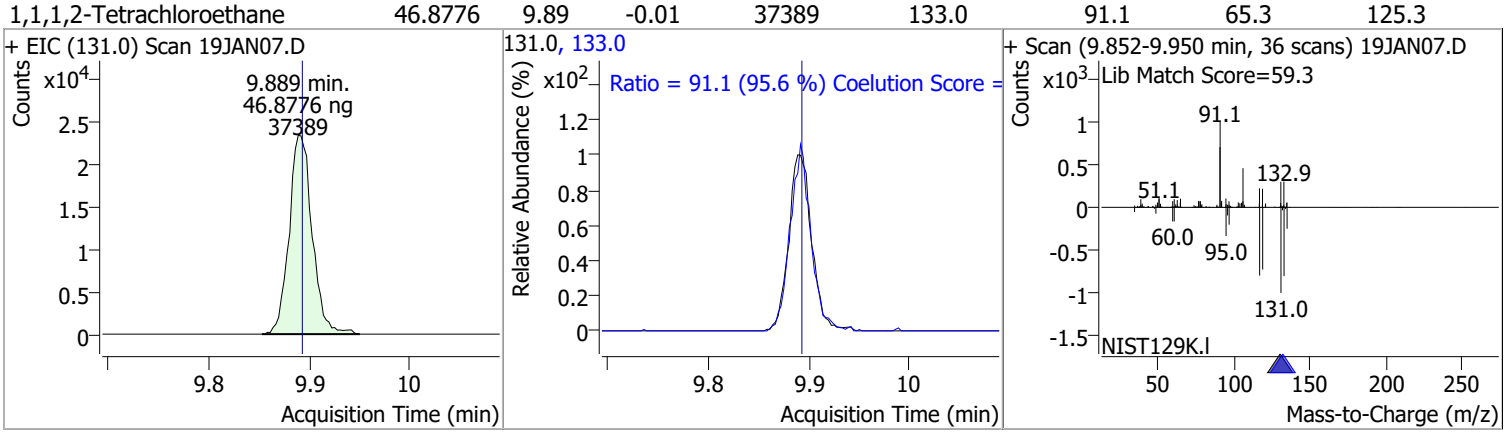




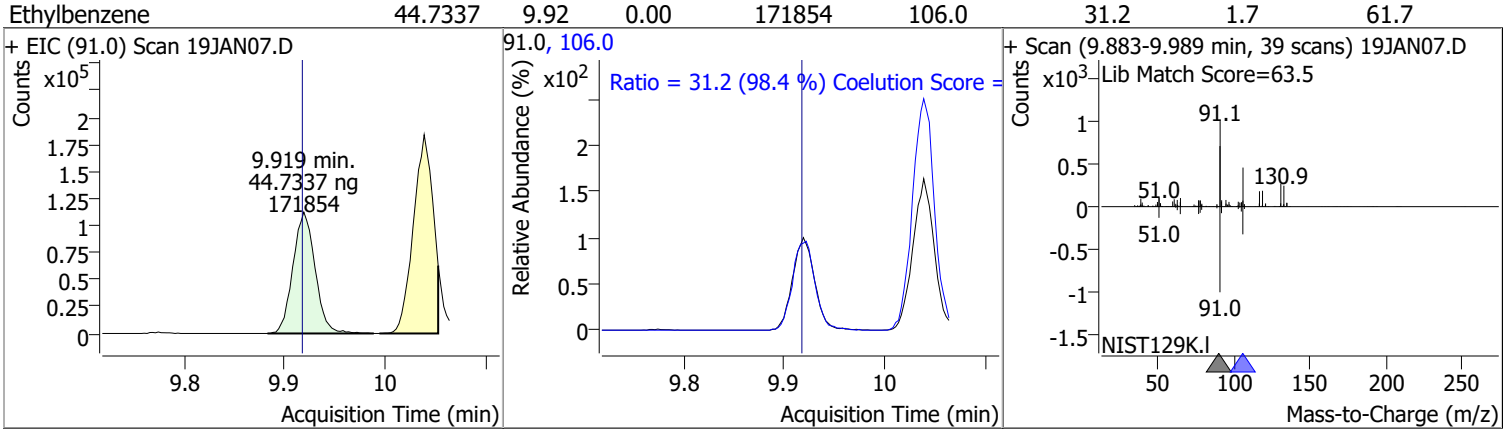
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	46.7283	9.80	0.00	106223	114.0	31.1	2.2	62.2



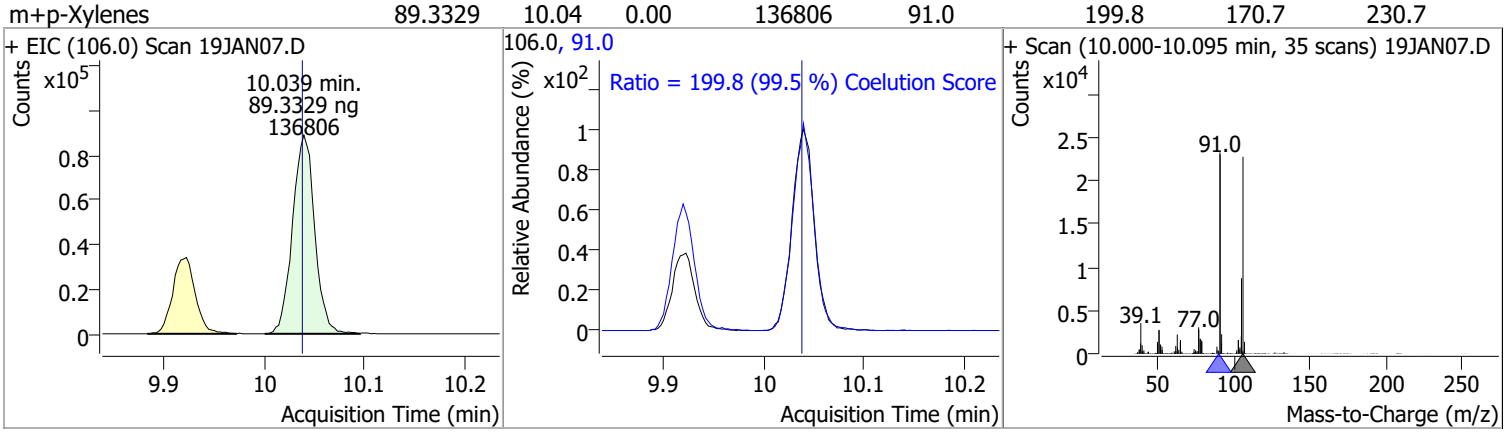
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	46.8776	9.89	-0.01	37389	133.0	91.1	65.3	125.3



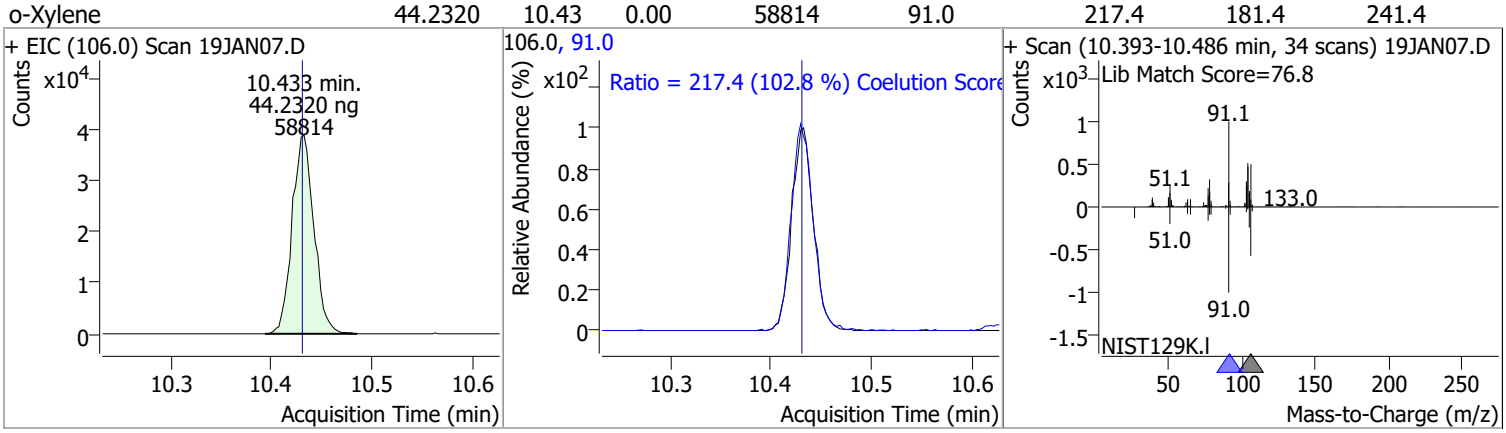
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	44.7337	9.92	0.00	171854	106.0	31.2	1.7	61.7



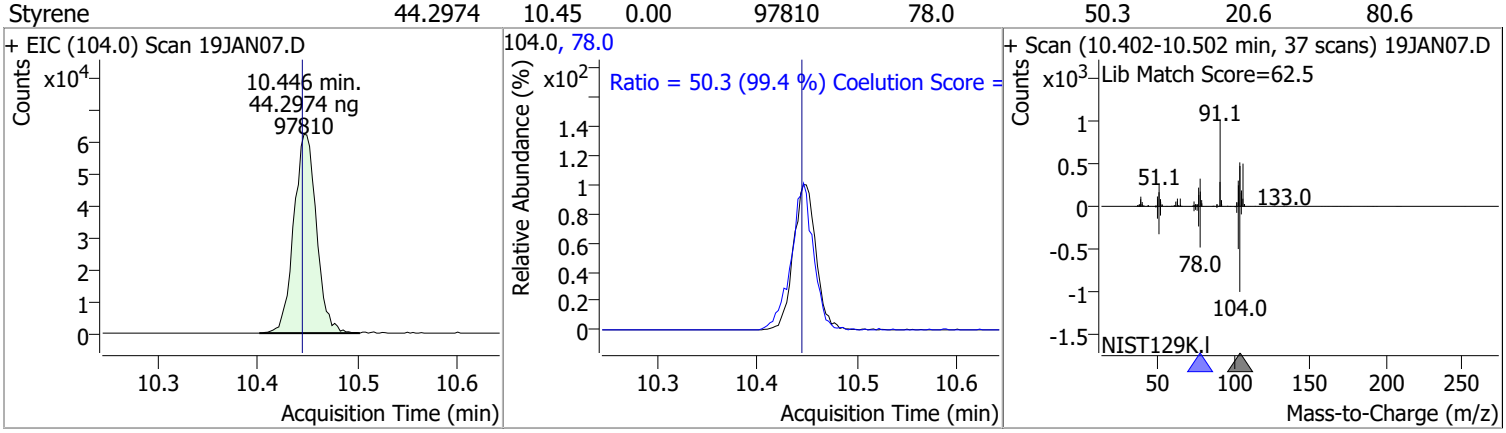
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	89.3329	10.04	0.00	136806	91.0	199.8	170.7	230.7



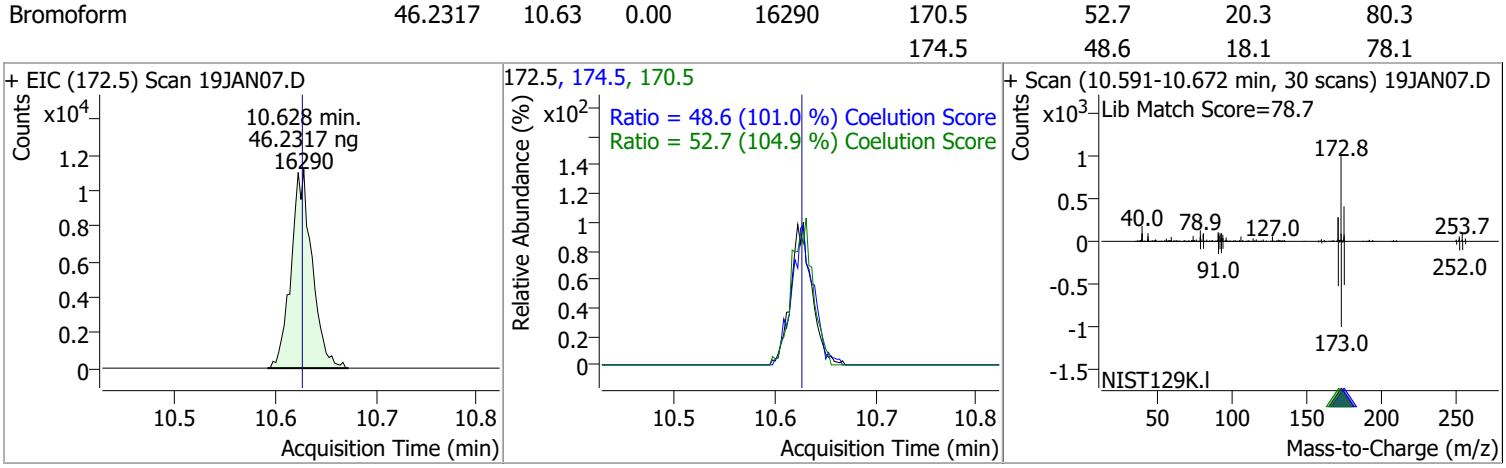
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	44.2320	10.43	0.00	58814	91.0	217.4	181.4	241.4



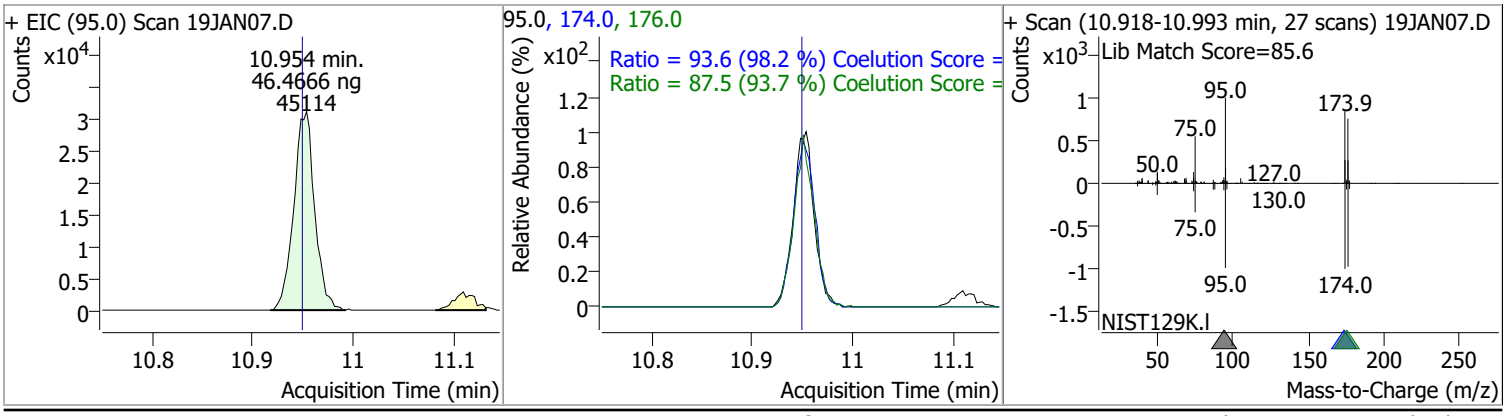
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	44.2974	10.45	0.00	97810	78.0	50.3	20.6	80.6



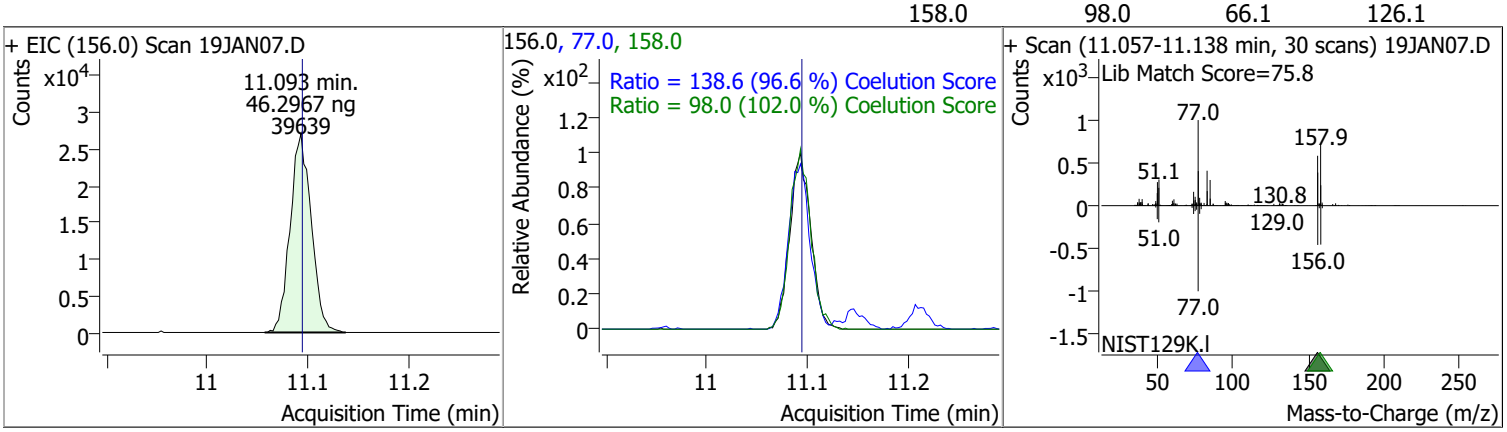
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	46.2317	10.63	0.00	16290	170.5	52.7	20.3	80.3
					174.5	48.6	18.1	78.1



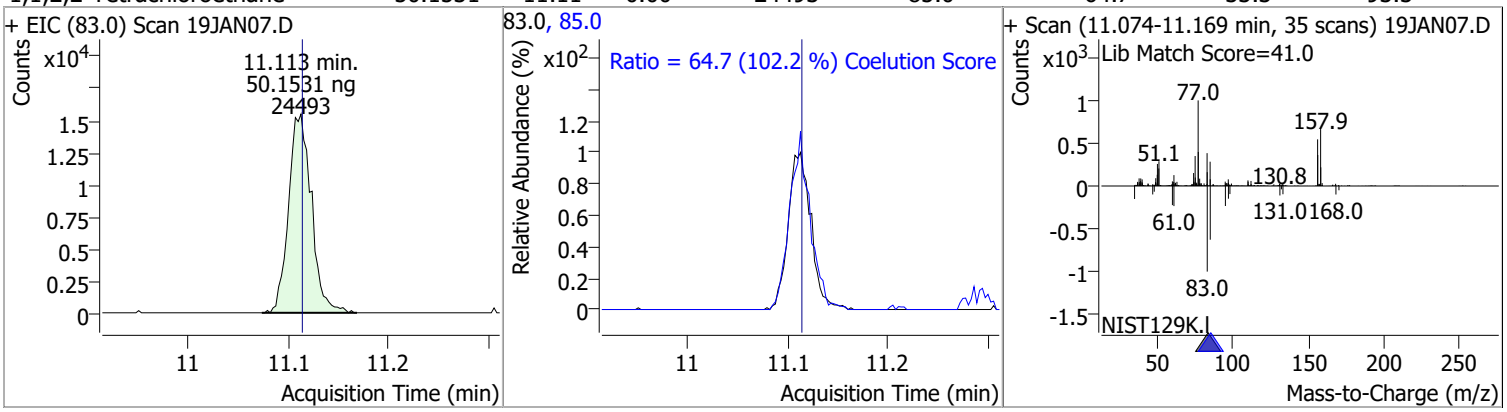
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	46.4666	10.95	0.01	45114	174.0	93.6	65.3	125.3
					176.0	87.5	63.3	123.3



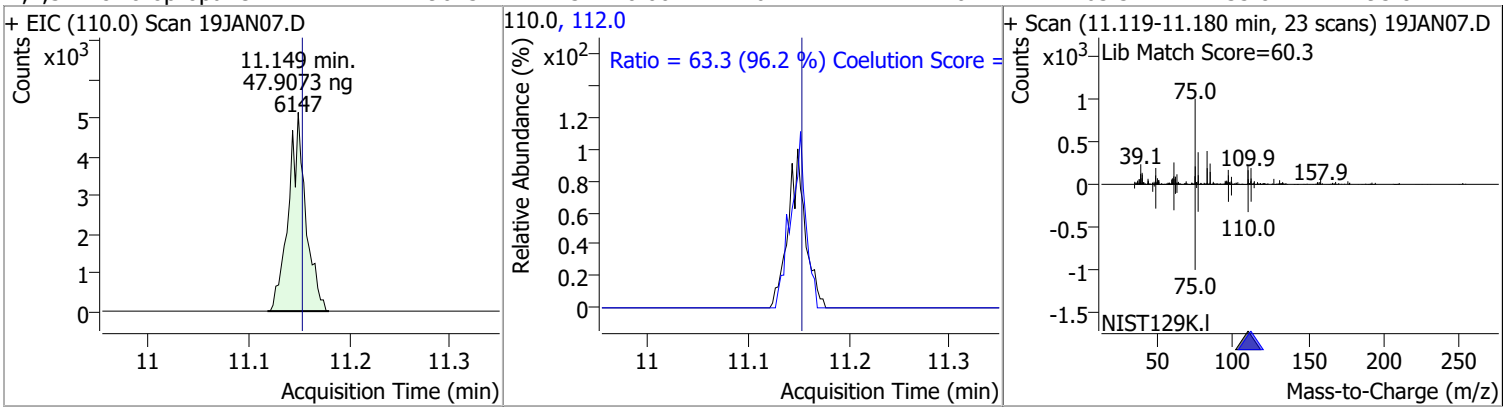
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	46.2967	11.09	0.00	39639	77.0	138.6	113.5	173.5
					158.0	98.0	66.1	126.1



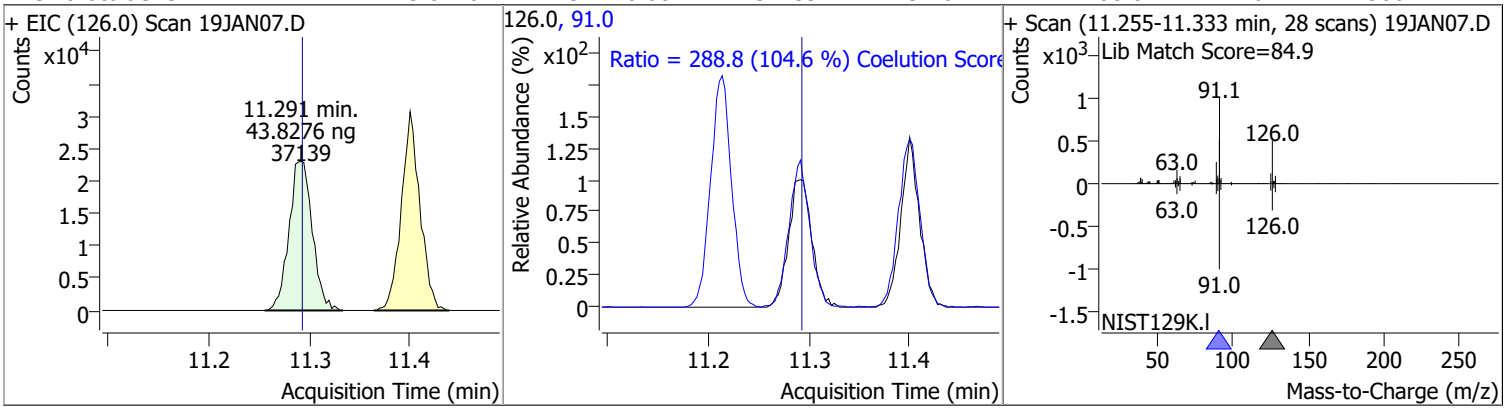
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	50.1531	11.11	0.00	24493	85.0	64.7	33.3	93.3



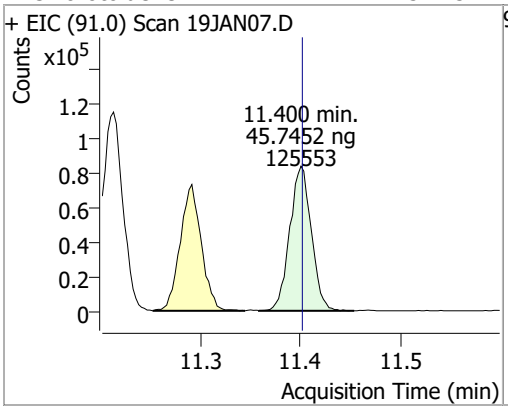
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	47.9073	11.15	0.00	6147	112.0	63.3	35.8	95.8

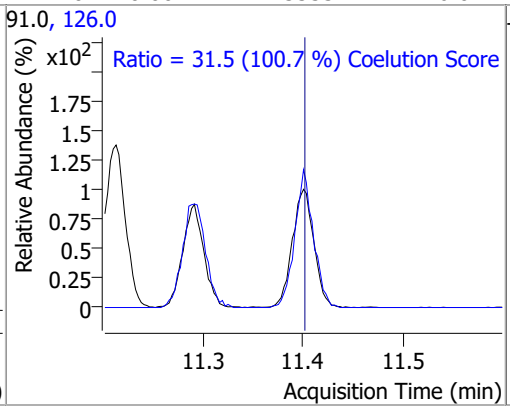


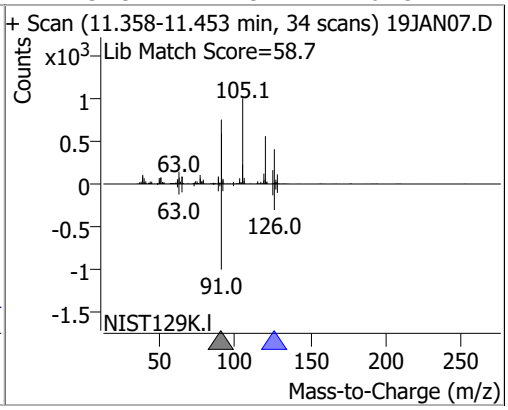
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	43.8276	11.29	0.00	37139	91.0	288.8	246.2	306.2



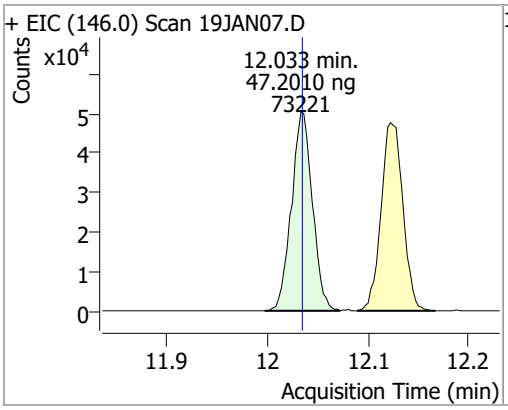
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	45.7452	11.40	0.00	125553	126.0	31.5	1.3	61.3

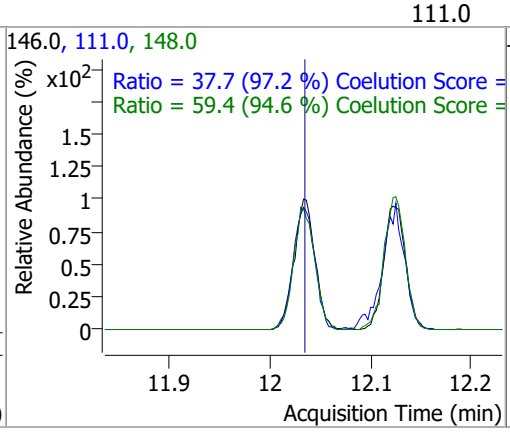


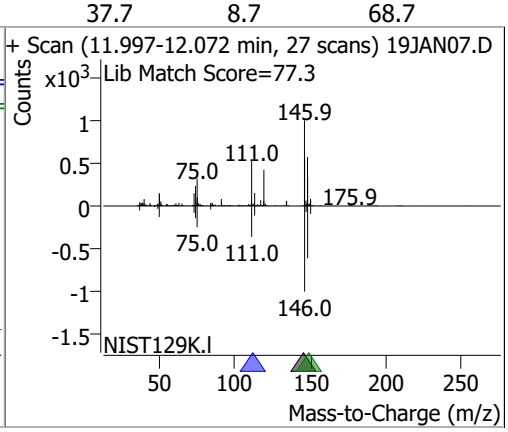




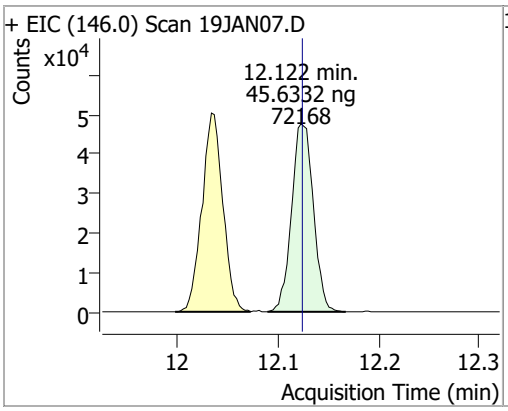
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	47.2010	12.03	0.00	73221	148.0	59.4	32.8	92.8
					111.0	37.7	8.7	68.7

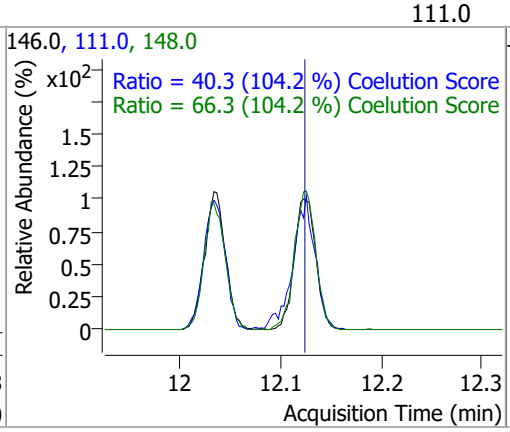


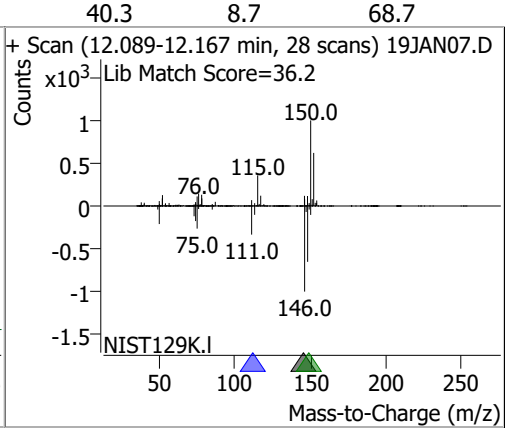




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	45.6332	12.12	0.00	72168	148.0	66.3	33.7	93.7
					111.0	40.3	8.7	68.7

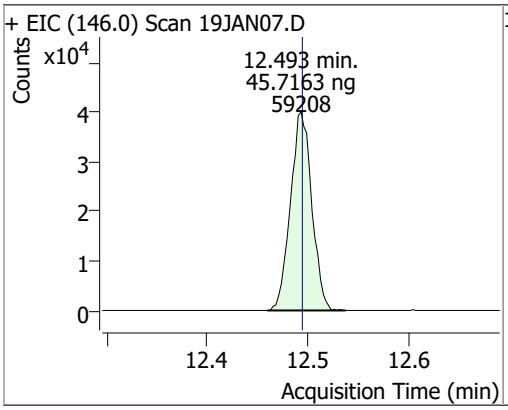


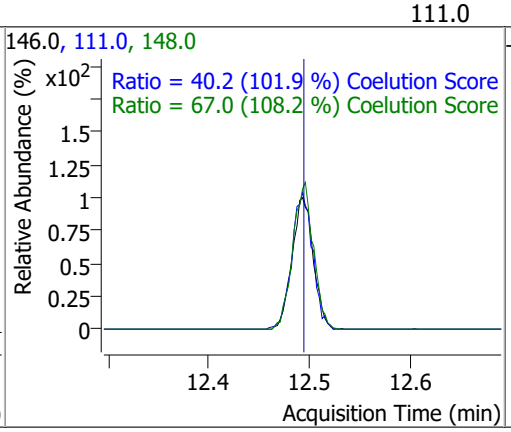


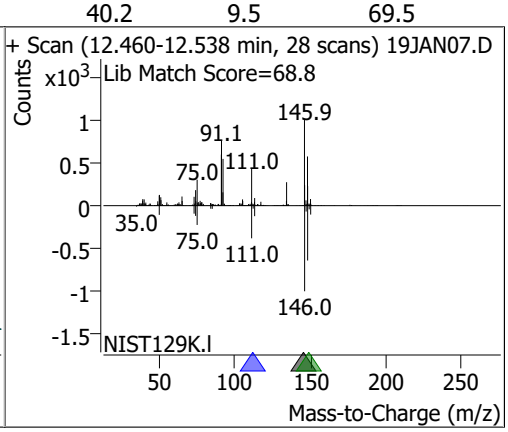


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	45.7163	12.49	0.00	59208	148.0	67.0	31.9	91.9
					111.0	40.2	9.5	69.5

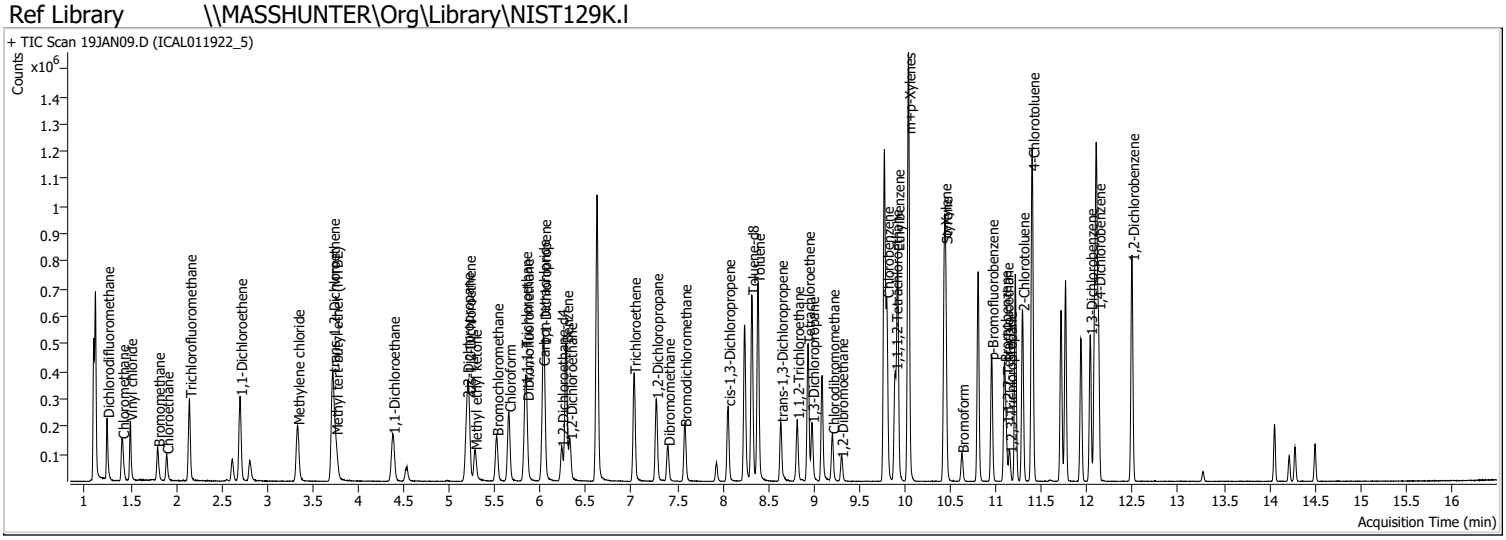






Quantitation Results Report (QT Reviewed)

Data File	19JAN09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 1:04:20 PM
Sample Name	ICAL011922_5	Instrument	VOA5975C
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

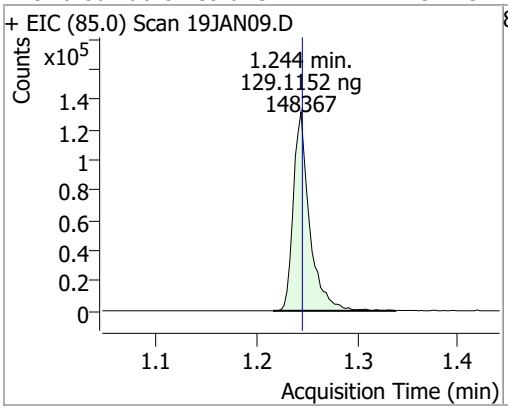


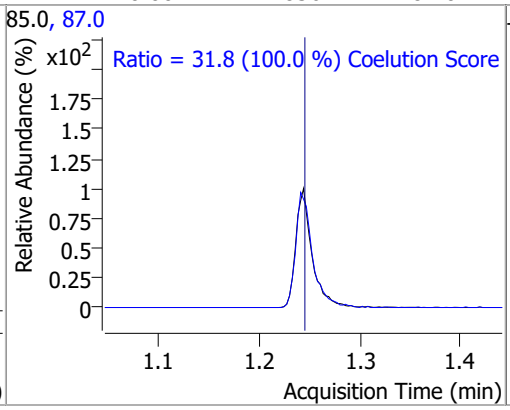
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	854591	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	330468	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	278012	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	100821	121.8025	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 48.72%		*	
S 1,2-Dichloroethane-d4	6.230	67.0	45314	126.7303	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 50.69%		*	
S Toluene-d8	8.319	98.0	412799	128.0381	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 51.22%		*	
S p-Bromofluorobenzene	10.948	95.0	128330	125.0189	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 50.01%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.244	85.0	148367	129.1152	ng		100
T Chloromethane	1.408	50.0	170190	125.7991	ng		100
T Vinyl chloride	1.498	62.0	153733	124.8408	ng		100
T Bromomethane	1.799	96.0	59520	112.1810	ng		100
T Chloroethane	1.897	64.0	65407	112.2655	ng		100
T Trichlorofluoromethane	2.147	101.0	193579	131.0926	ng		100
T 1,1-Dichloroethene	2.702	96.0	105649	122.9596	ng		100
T Methylene chloride	3.333	49.0	149957	120.0395	ng		100
T trans-1,2-Dichloroethene	3.720	96.0	110255	124.2147	ng		100
T Methyl tert-butyl ether (MTBE)	3.754	73.0	136973	123.4648	ng		100
T 1,1-Dichloroethane	4.378	63.0	205663	123.8038	ng		100
T 2,2-Dichloropropane	5.193	77.0	153450	122.5736	ng		100
T cis-1,2-Dichloroethene	5.215	96.0	112808	125.5204	ng		100
T Methyl ethyl ketone	5.279	43.0	154105	1186.5197	ng		100
T Bromochloromethane	5.516	128.0	45958	124.0258	ng		100
T Chloroform	5.653	83.0	196261	118.3246	ng		100

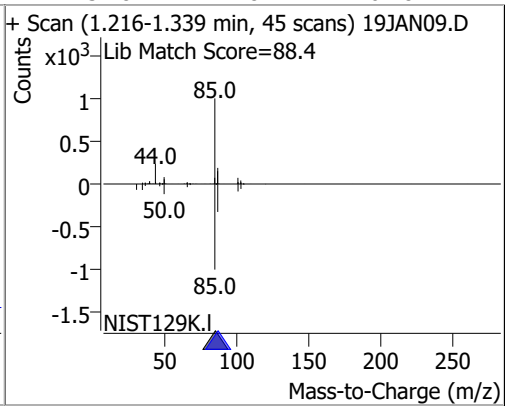
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	189468	123.8043	ng	100
T Carbon tetrachloride	6.024	117.0	183978	123.9520	ng	100
T 1,1-Dichloropropene	6.040	75.0	156331	125.9718	ng	100
T Benzene	6.283	78.0	424881	124.4545	ng	100
T 1,2-Dichloroethane	6.325	62.0	109046	115.6442	ng	100
T Trichloroethene	7.025	95.0	120511	121.8095	ng	100
T 1,2-Dichloropropane	7.270	63.0	106955	122.9589	ng	100
T Dibromomethane	7.398	93.0	44657	121.7998	ng	100
T Bromodichloromethane	7.580	83.0	124982	121.2255	ng	100
T cis-1,3-Dichloropropene	8.059	75.0	139607	123.4003	ng	100
T Toluene	8.386	92.0	269549	125.4292	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	102846	124.6280	ng	100
T 1,1,2-Trichloroethane	8.818	83.0	52780	125.7824	ng	100
T Tetrachloroethene	8.935	163.8	109194	125.3035	ng	100
T 1,3-Dichloropropane	8.980	76.0	101384	119.3950	ng	100
T Chlorodibromomethane	9.206	129.0	83172	123.0729	ng	100
T 1,2-Dibromoethane	9.300	107.0	58489	126.2047	ng	100
T Chlorobenzene	9.800	112.0	289340	122.8185	ng	100
T 1,1,1,2-Tetrachloroethane	9.894	131.0	101500	122.7951	ng	100
T Ethylbenzene	9.919	91.0	505127	123.1021	ng	100
T m+p-Xylenes	10.039	106.0	405724	248.1048	ng	100
T o-Xylene	10.433	106.0	179108	125.1872	ng	100
T Styrene	10.446	104.0	292722	123.7696	ng	100
T Bromoform	10.625	172.5	45045	120.9158	ng	100
T Bromobenzene	11.093	156.0	112733	124.5365	ng	100
T 1,1,2,2-Tetrachloroethane	11.113	83.0	62640	121.3181	ng	100
T 1,2,3-Trichloropropane	11.152	110.0	16355	120.5610	ng	100
T 2-Chlorotoluene	11.291	126.0	114135	127.3956	ng	100
T 4-Chlorotoluene	11.400	91.0	375931	129.5521	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	200403	122.1906	ng	100
T 1,4-Dichlorobenzene	12.122	146.0	205880	123.1312	ng	100
T 1,2-Dichlorobenzene	12.493	146.0	169723	123.9507	ng	100

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

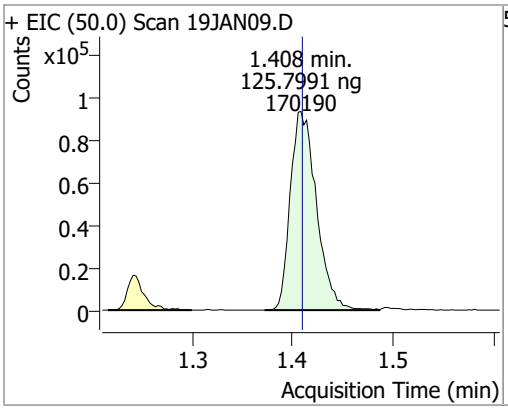
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	129.1152	1.24	0.00	148367	87.0	31.8	1.8	61.8

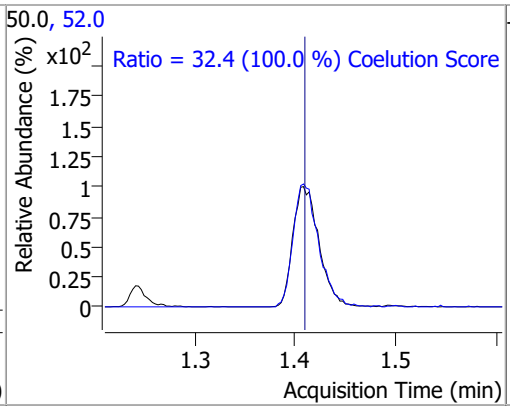


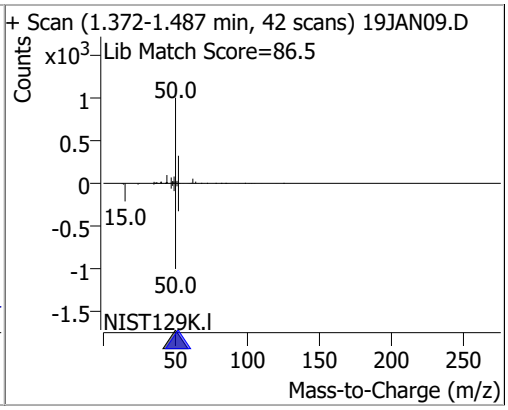




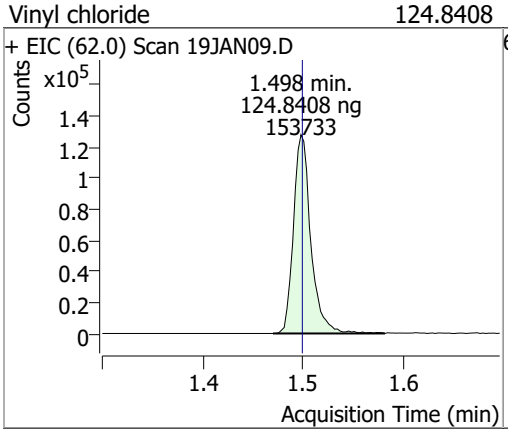
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	125.7991	1.41	0.00	170190	52.0	32.4	2.4	62.4

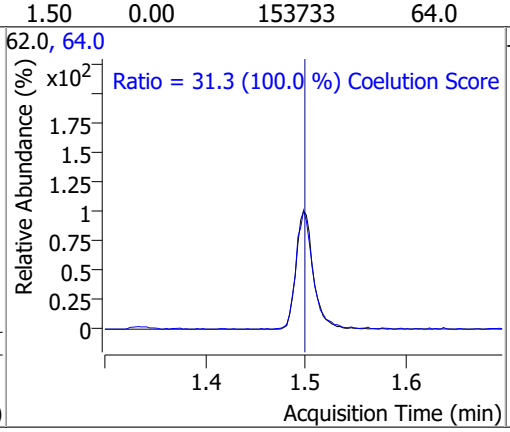


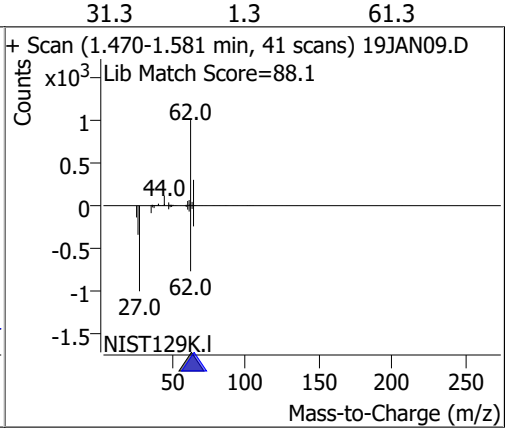




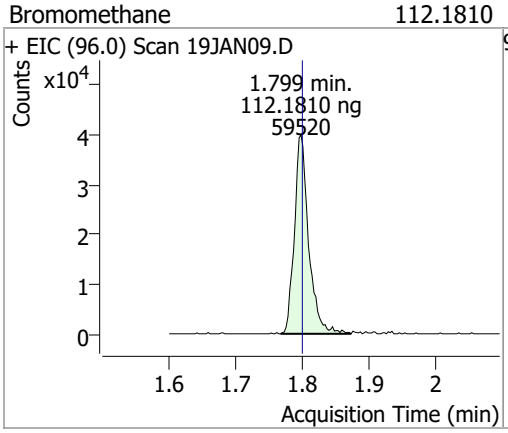
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	124.8408	1.50	0.00	153733	64.0	31.3	1.3	61.3

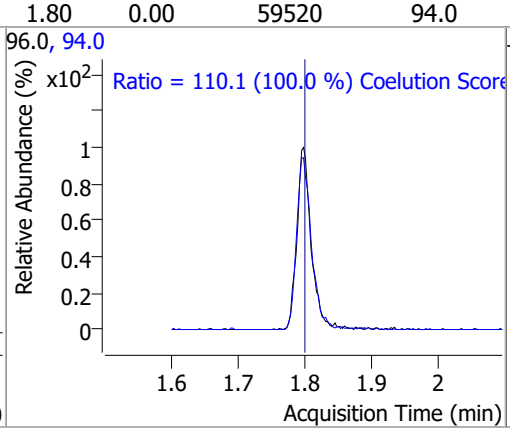


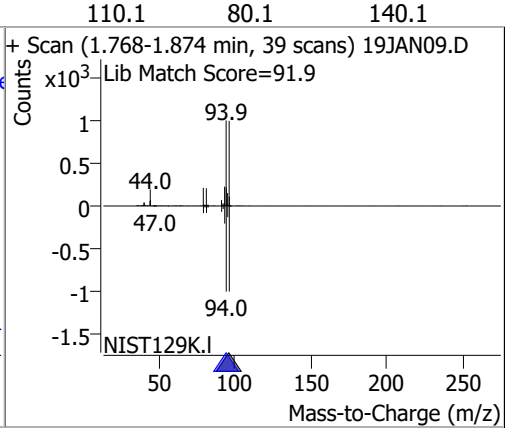




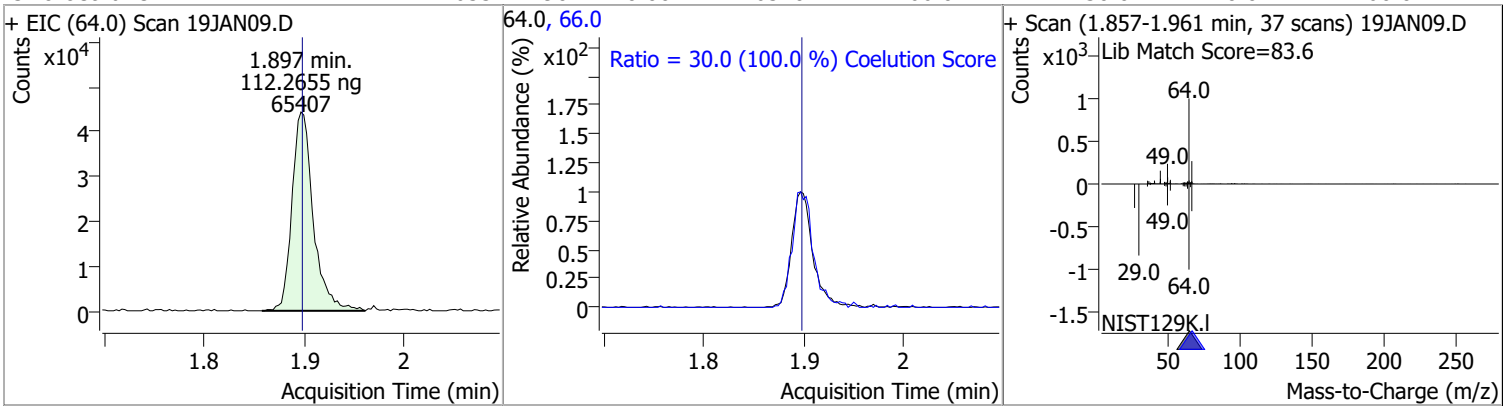
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	112.1810	1.80	0.00	59520	94.0	110.1	80.1	140.1



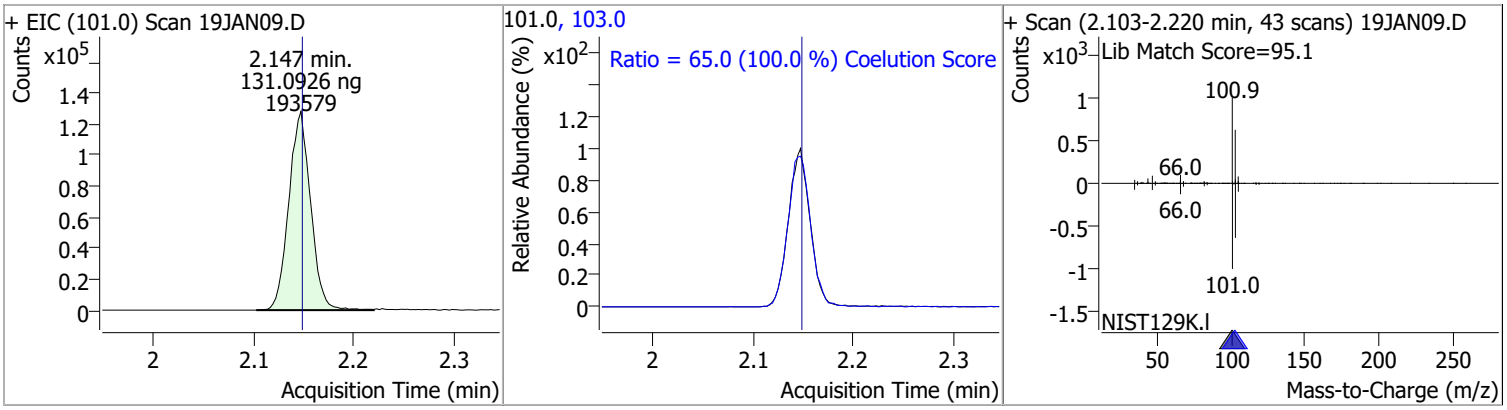




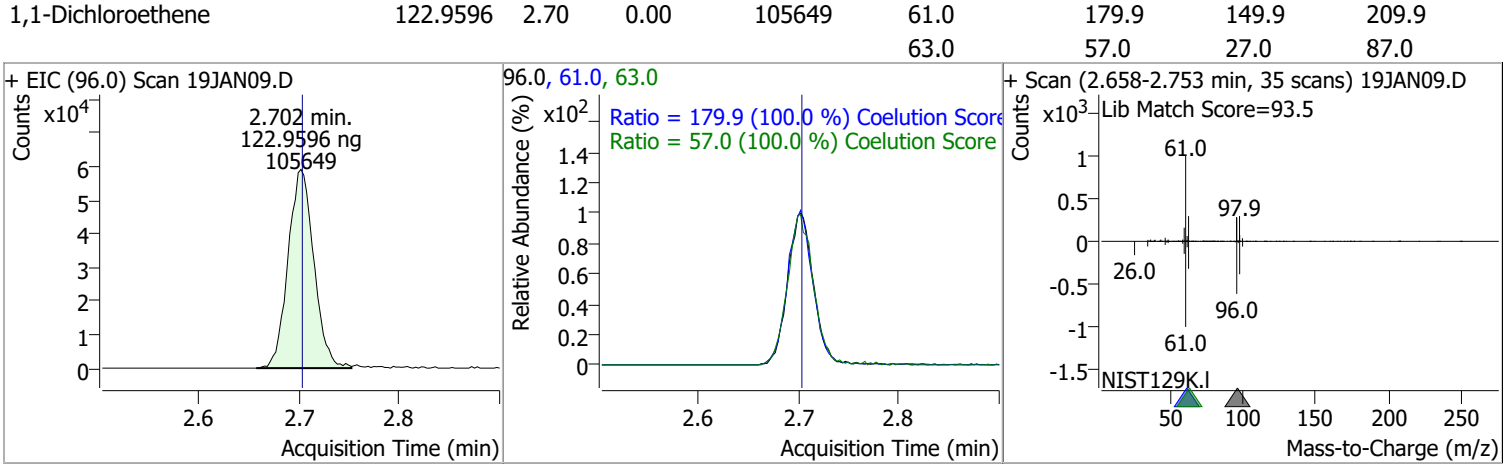
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	112.2655	1.90	0.00	65407	66.0	30.0	0.0	60.0



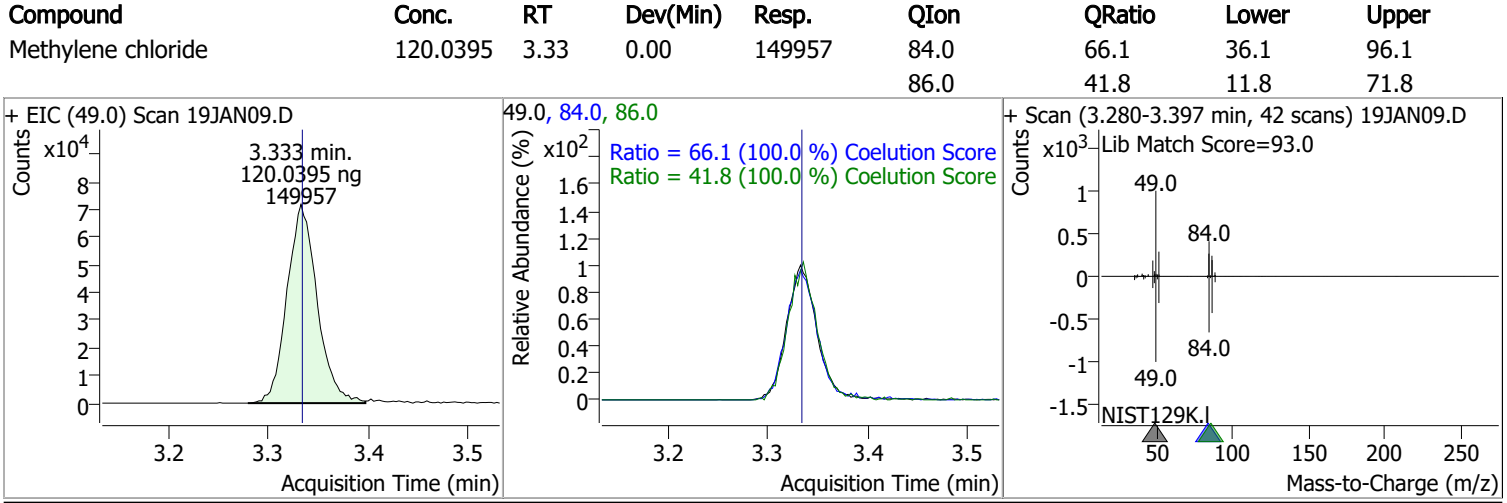
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	131.0926	2.15	0.00	193579	103.0	65.0	35.0	95.0



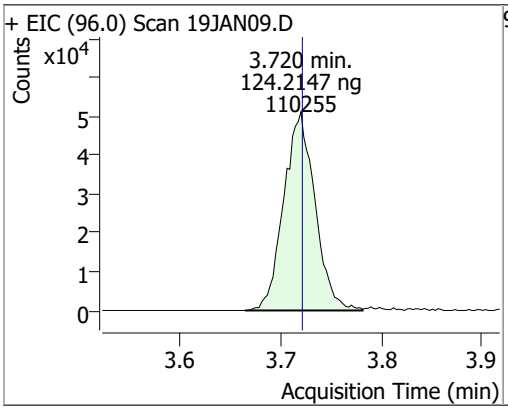
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	122.9596	2.70	0.00	105649	61.0	179.9	149.9	209.9
					63.0	57.0	27.0	87.0

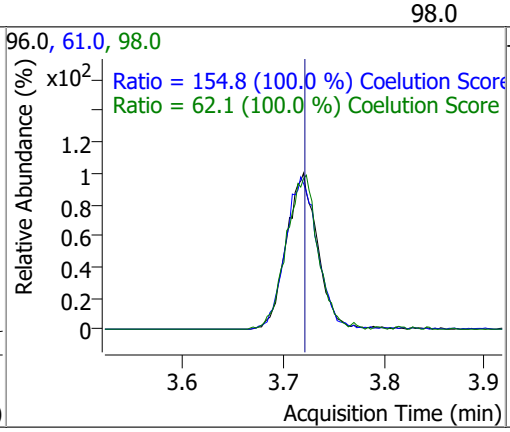


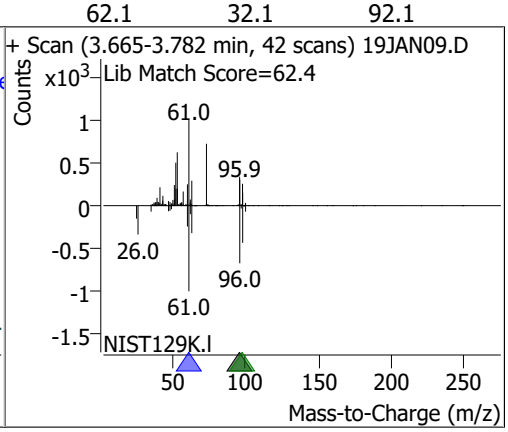
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	120.0395	3.33	0.00	149957	84.0	66.1	36.1	96.1
					86.0	41.8	11.8	71.8



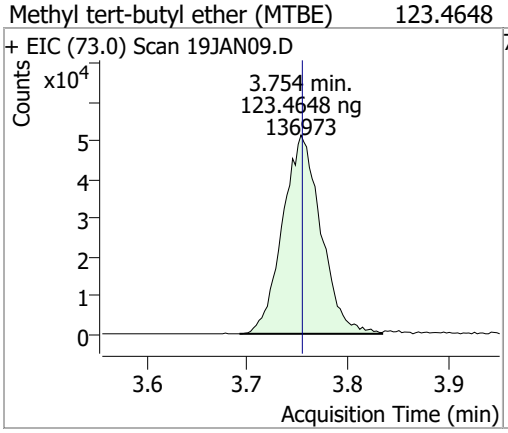
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	124.2147	3.72	0.00	110255	61.0	154.8	124.8	184.8
					98.0	62.1	32.1	92.1

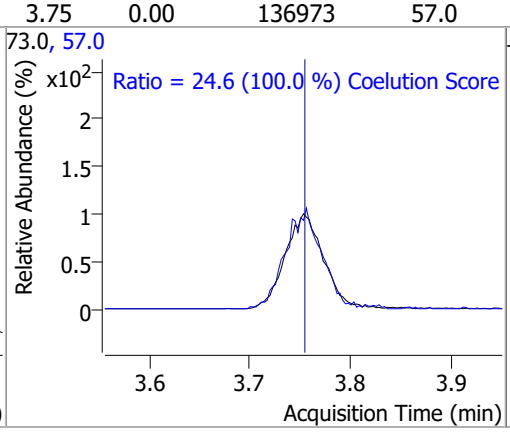


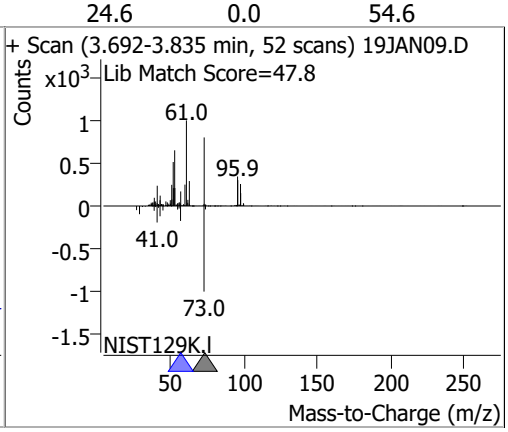




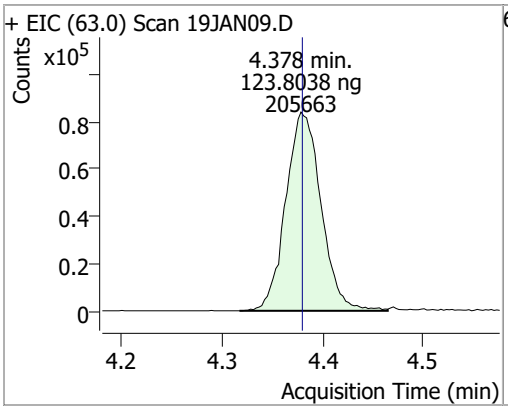
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	123.4648	3.75	0.00	136973	57.0	24.6	0.0	54.6

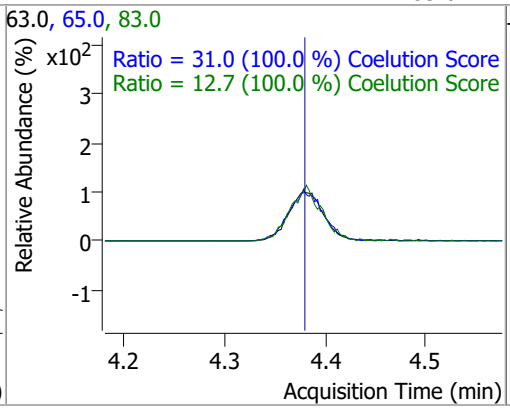


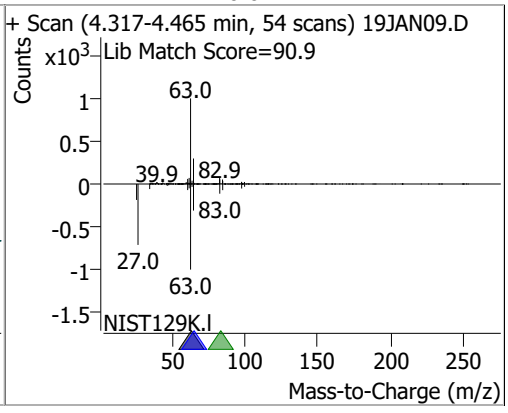




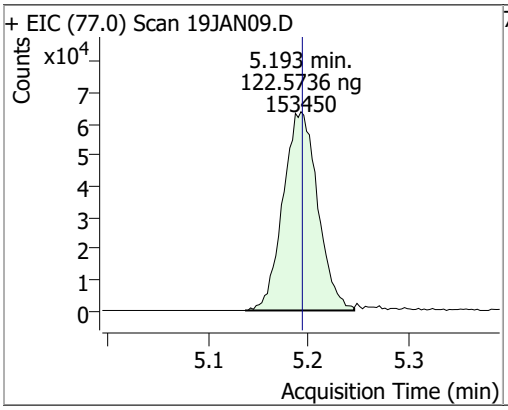
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	123.8038	4.38	0.00	205663	65.0	31.0	1.0	61.0
					83.0	12.7	0.0	42.7

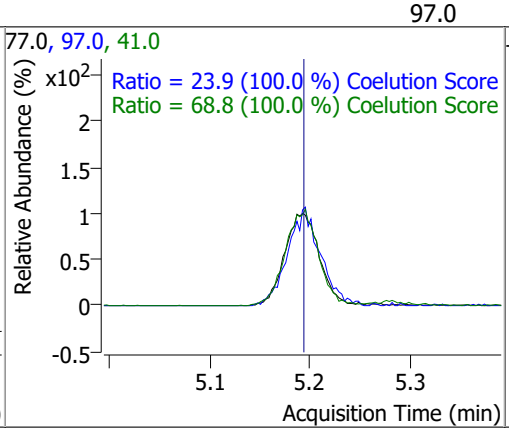


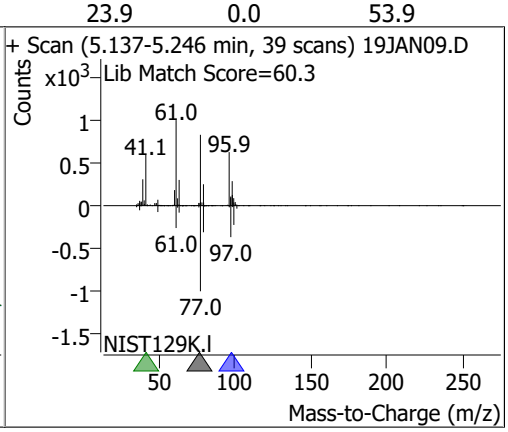




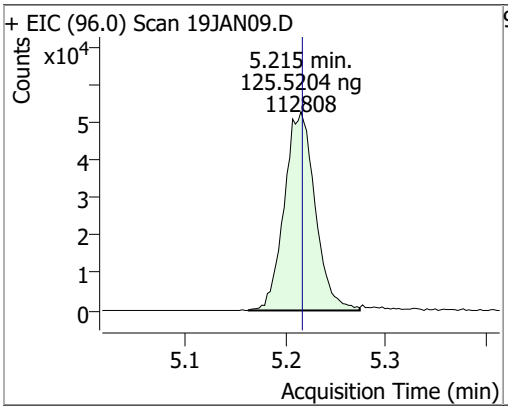
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	122.5736	5.19	0.00	153450	41.0	68.8	38.8	98.8
					97.0	23.9	0.0	53.9

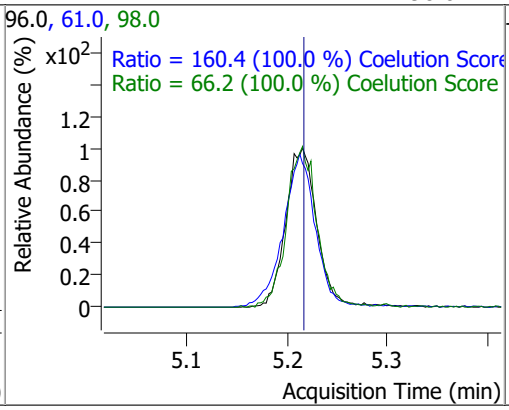


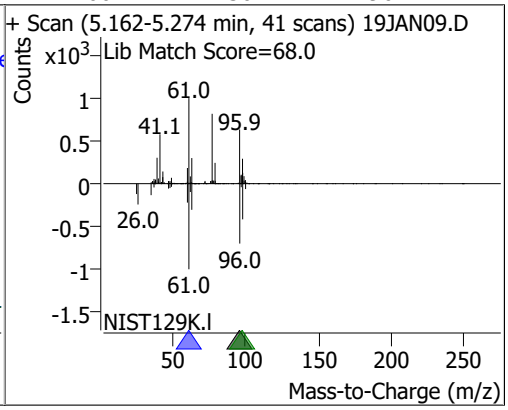




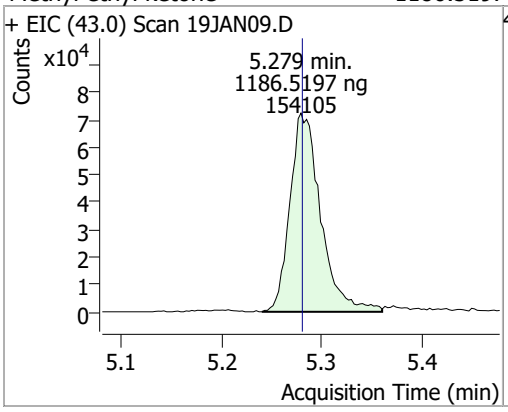
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	125.5204	5.21	0.00	112808	61.0	160.4	130.4	190.4
					98.0	66.2	36.2	96.2

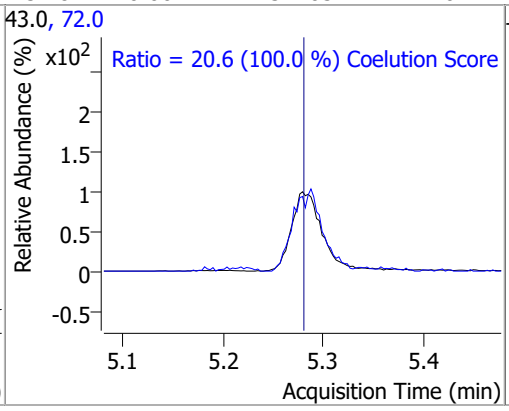


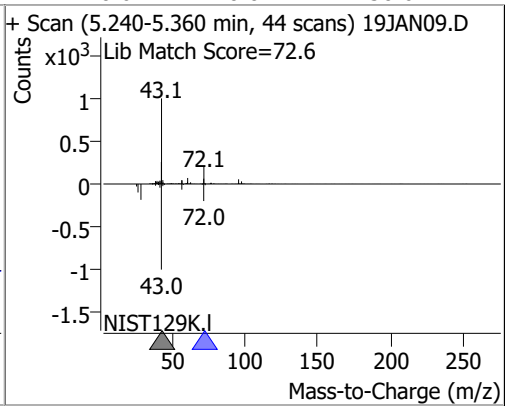




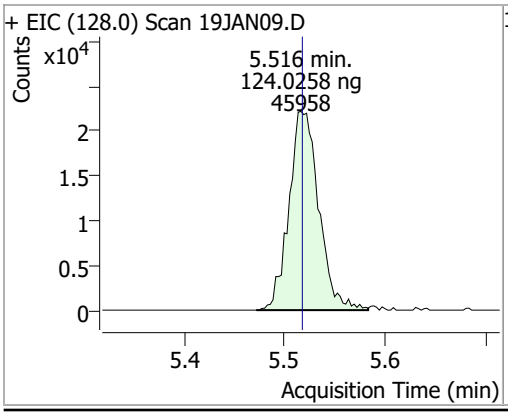
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1186.5197	5.28	0.00	154105	72.0	20.6	0.0	50.6

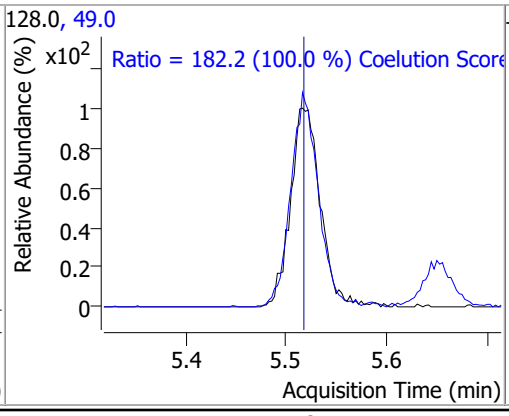


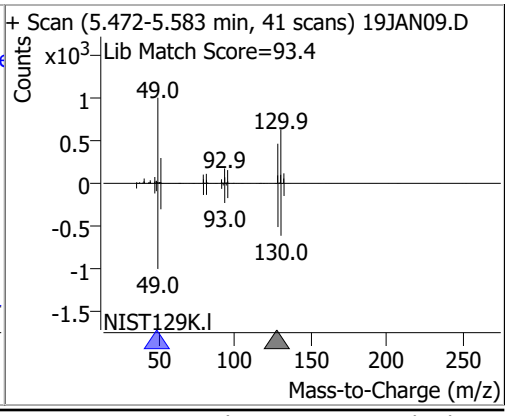




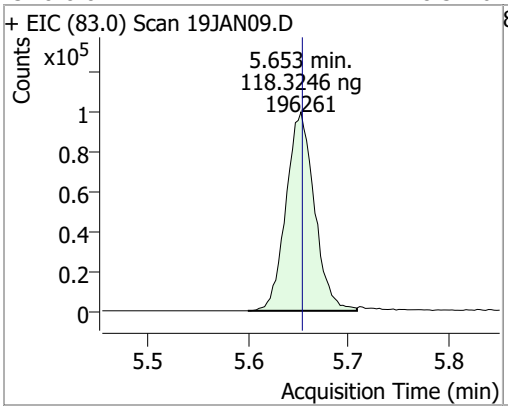
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	124.0258	5.52	0.00	45958	49.0	182.2	152.2	212.2

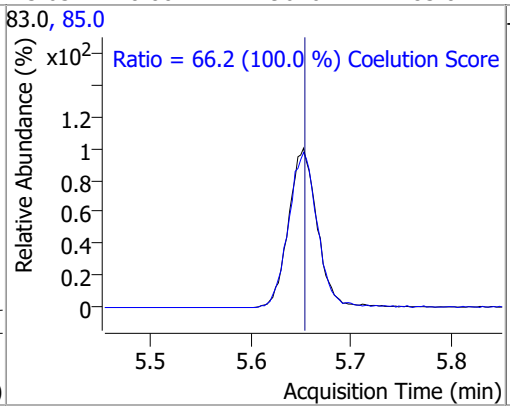


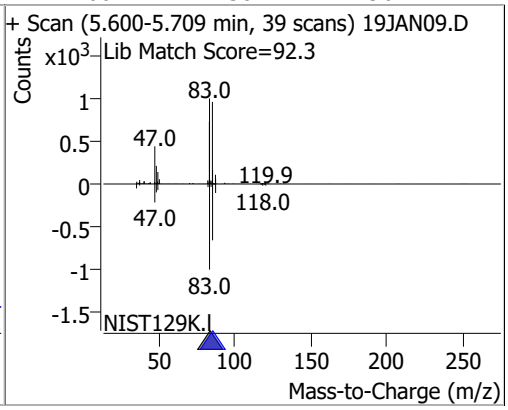




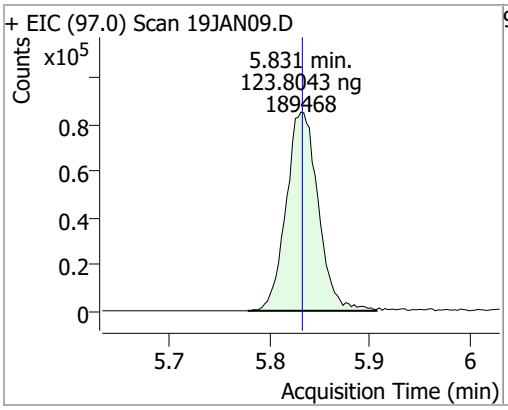
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	118.3246	5.65	0.00	196261	85.0	66.2	36.2	96.2

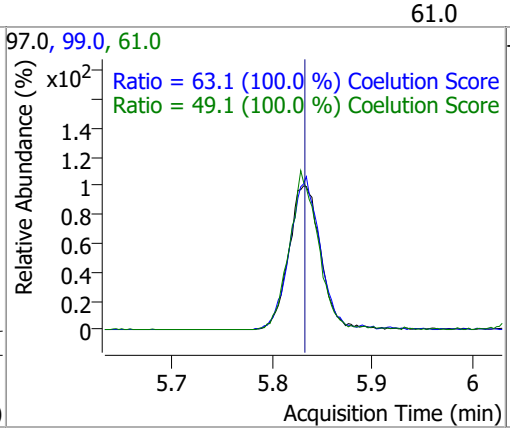


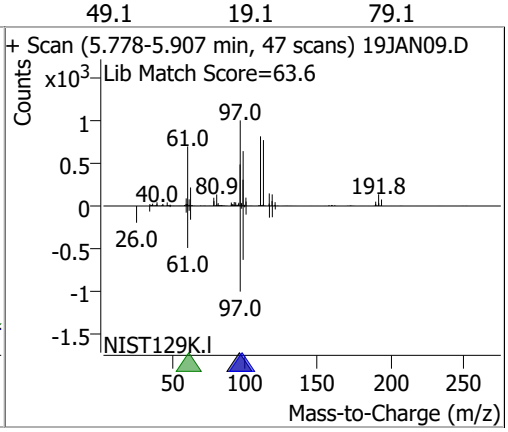




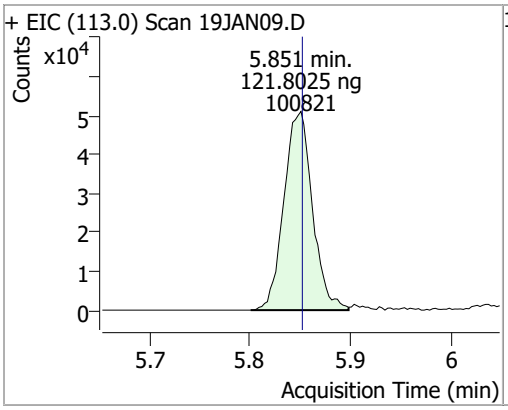
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	123.8043	5.83	0.00	189468	99.0	63.1	33.1	93.1
					61.0	49.1	19.1	79.1

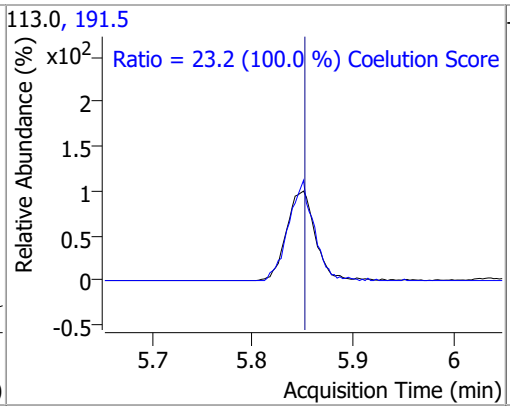


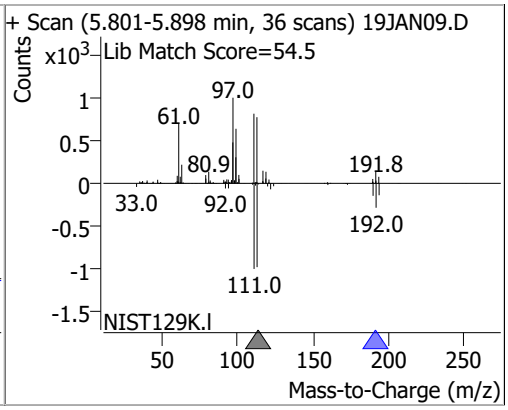




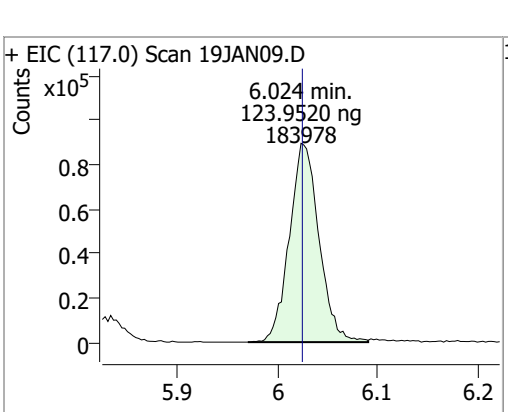
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	121.8025	5.85	0.00	100821	191.5	23.2	0.0	53.2

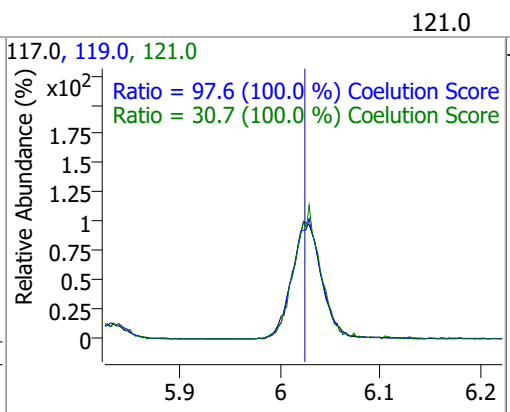


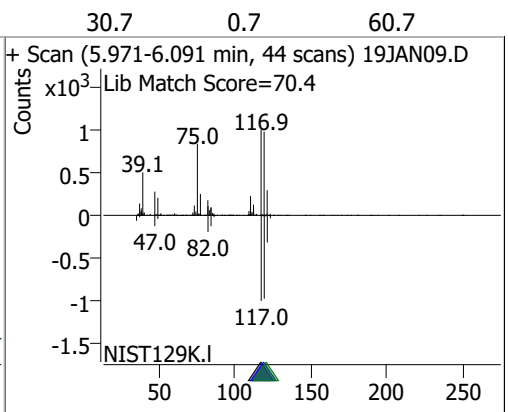




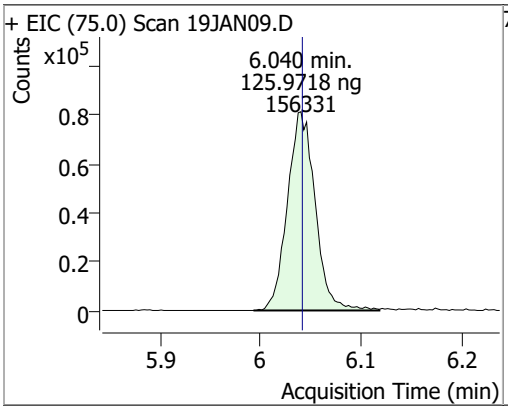
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	123.9520	6.02	0.00	183978	119.0	97.6	67.6	127.6
					121.0	30.7	0.7	60.7

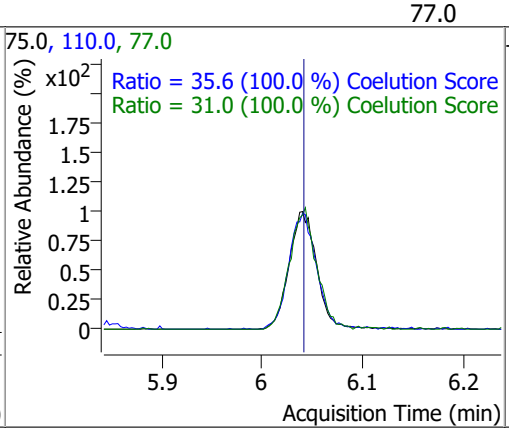


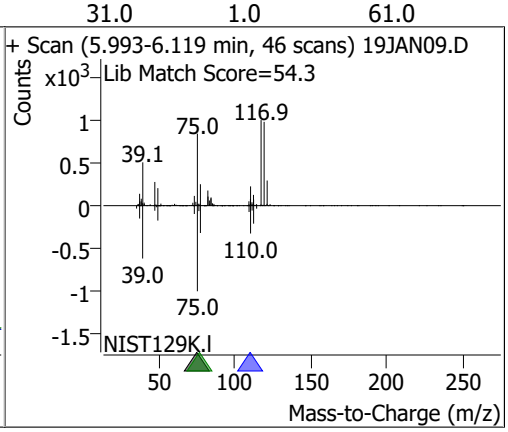




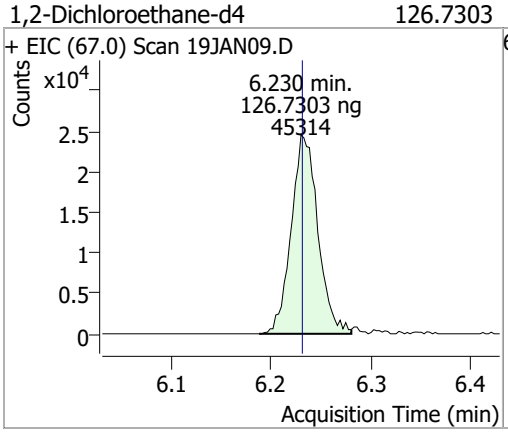
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	125.9718	6.04	0.00	156331	110.0	35.6	5.6	65.6
					77.0	31.0	1.0	61.0

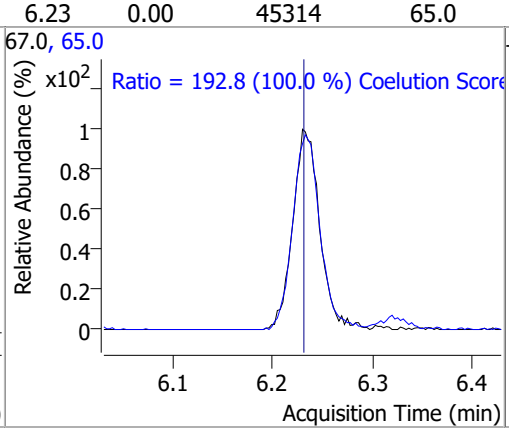


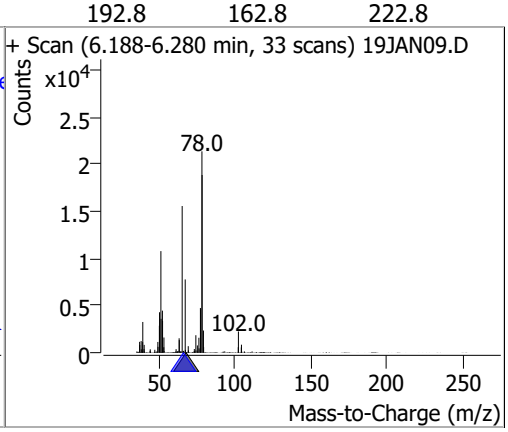




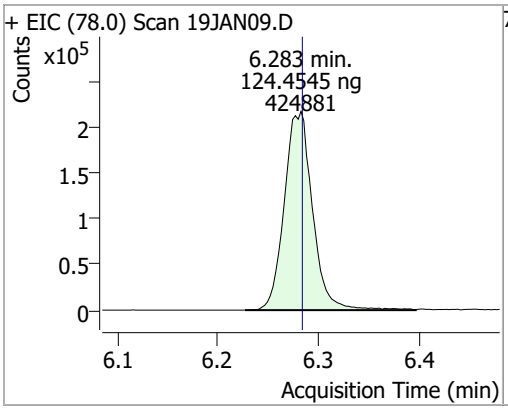
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	126.7303	6.23	0.00	45314	65.0	192.8	162.8	222.8

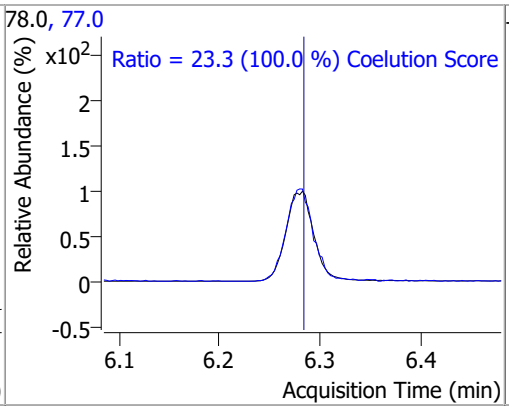


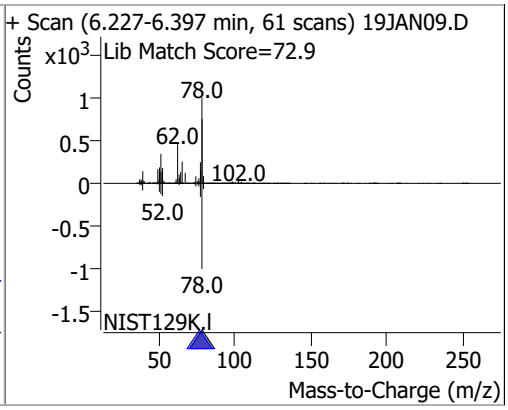




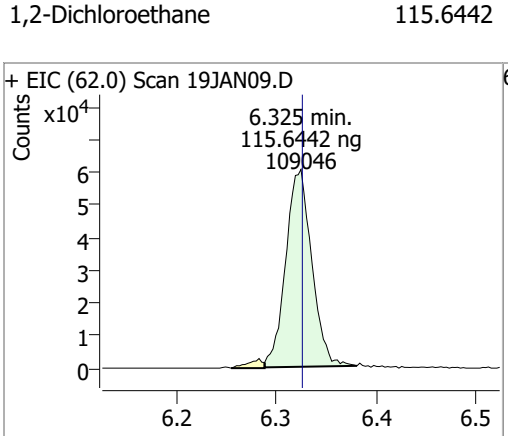
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	124.4545	6.28	0.00	424881	77.0	23.3	0.0	53.3

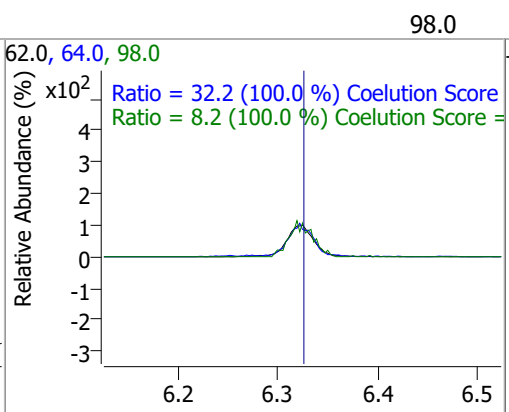


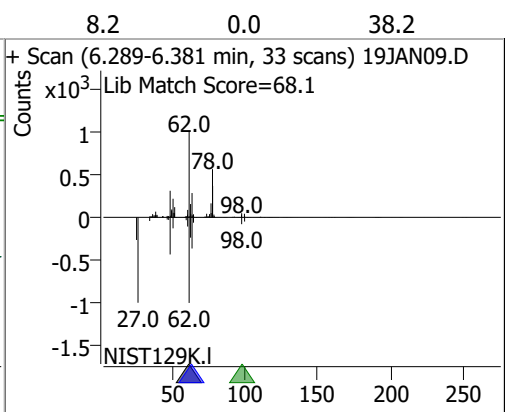




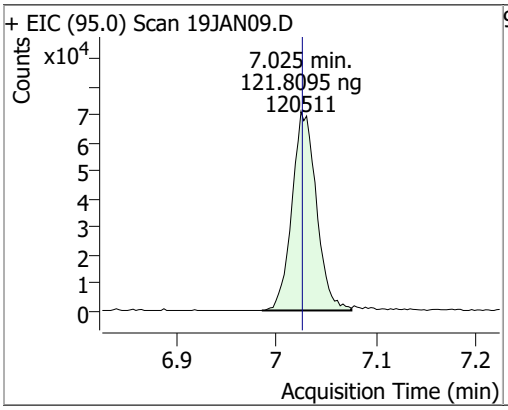
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	115.6442	6.32	0.00	109046	64.0	32.2	2.2	62.2
					98.0	8.2	0.0	38.2

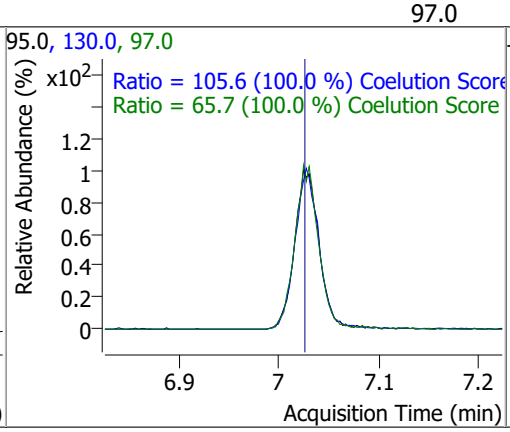


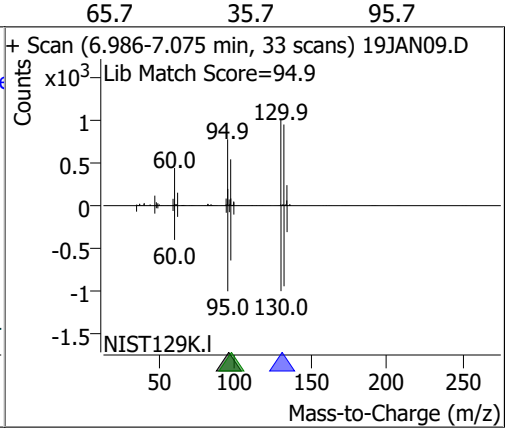




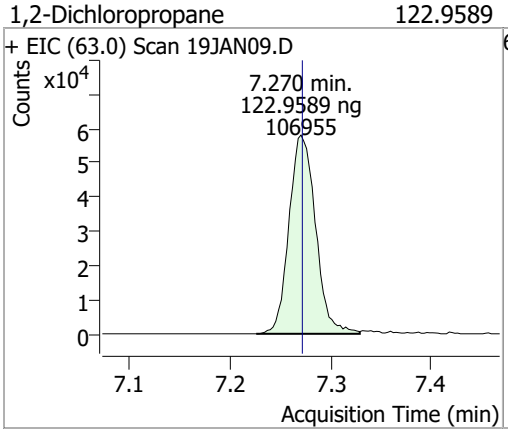
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	121.8095	7.02	0.00	120511	130.0	105.6	75.6	135.6
					97.0	65.7	35.7	95.7

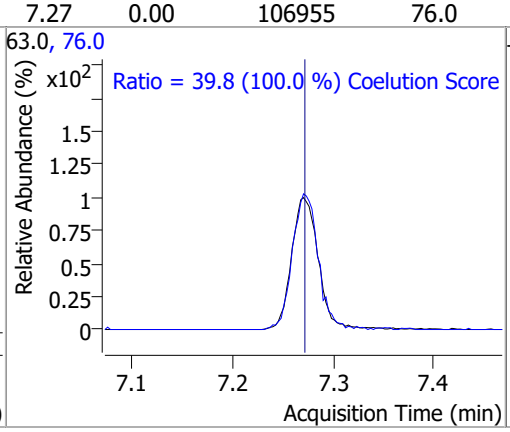


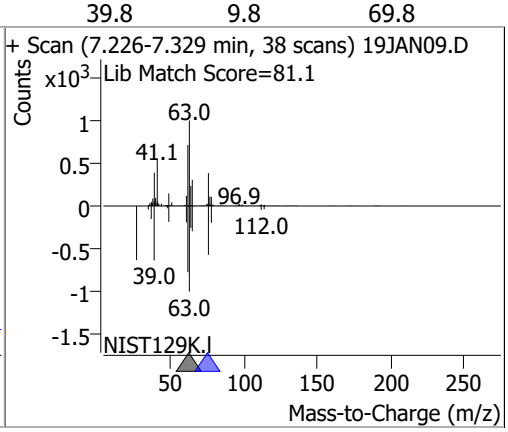




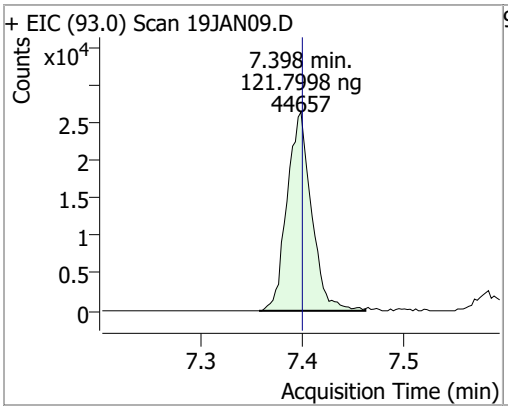
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	122.9589	7.27	0.00	106955	76.0	39.8	9.8	69.8

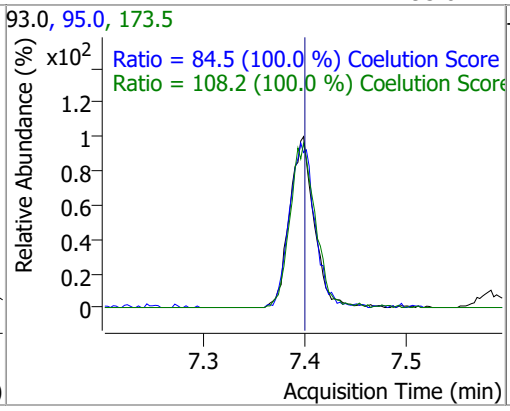


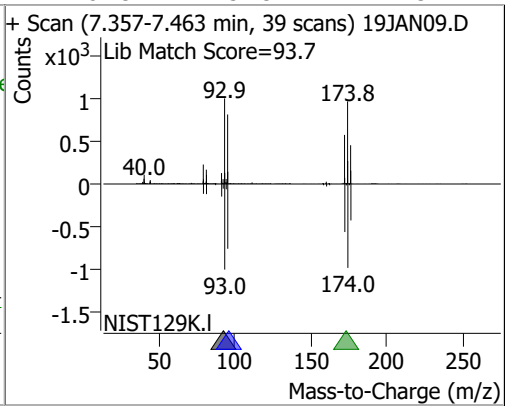




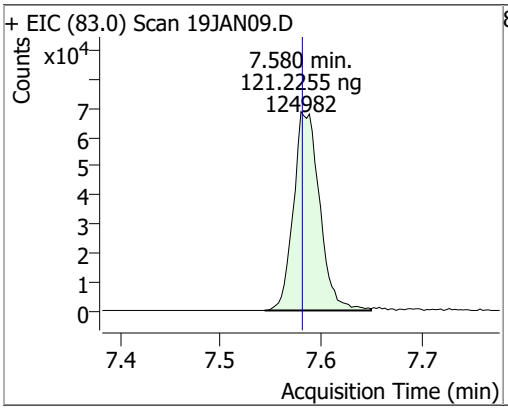
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	121.7998	7.40	0.00	44657	173.5	108.2	78.2	138.2
					95.0	84.5	54.5	114.5

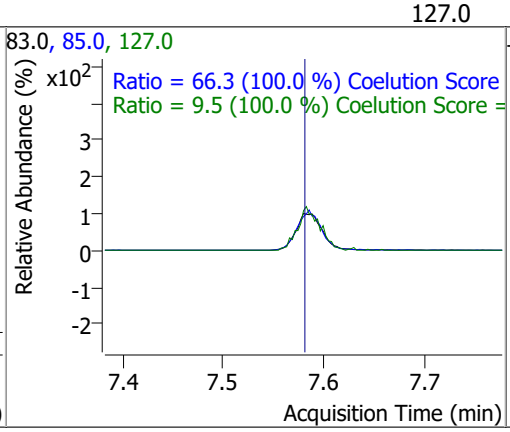


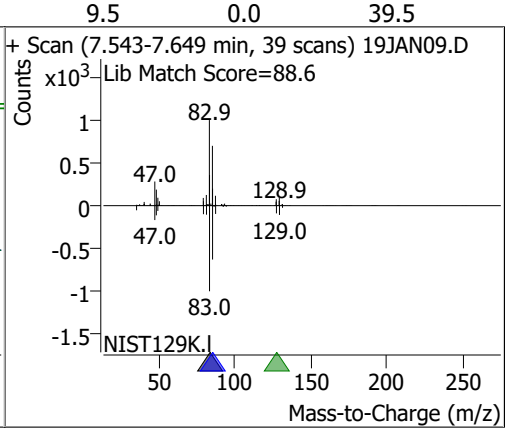




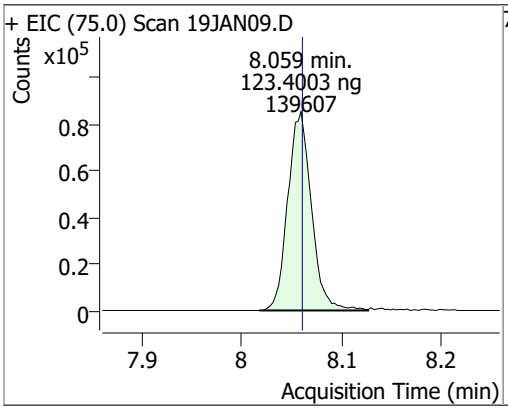
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	121.2255	7.58	0.00	124982	85.0	66.3	36.3	96.3
					127.0	9.5	0.0	39.5

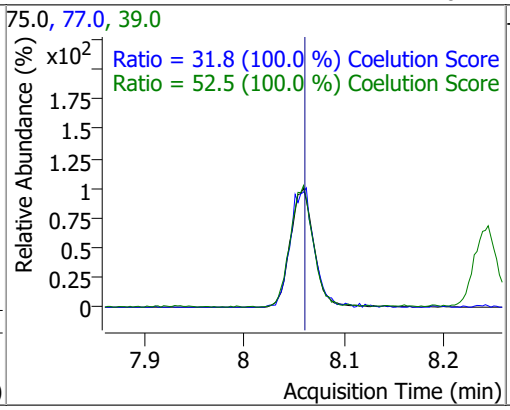


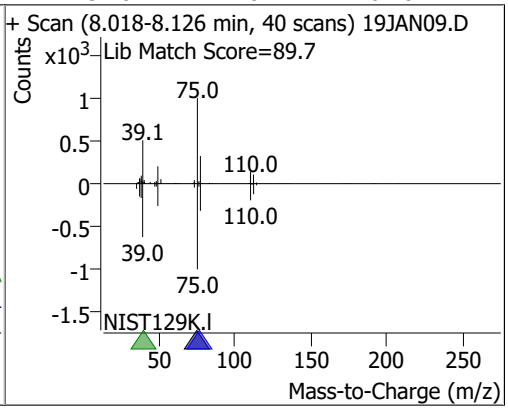




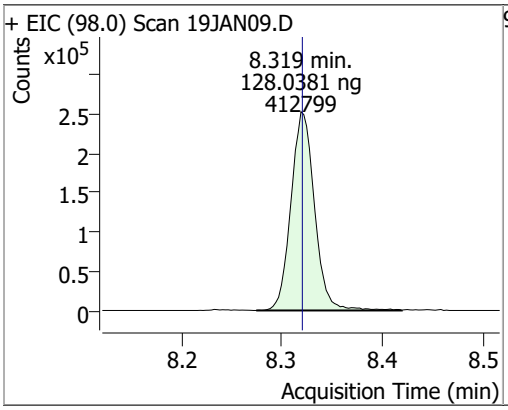
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	123.4003	8.06	0.00	139607	39.0	52.5	22.5	82.5
					77.0	31.8	1.8	61.8

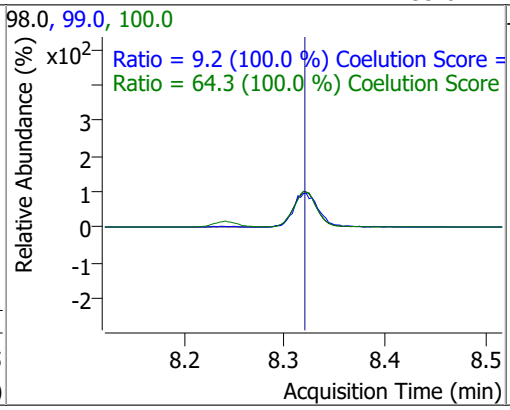


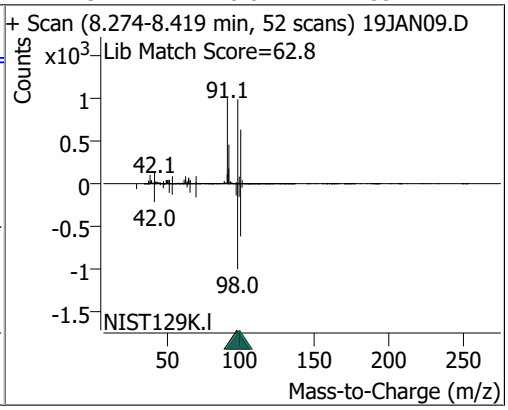




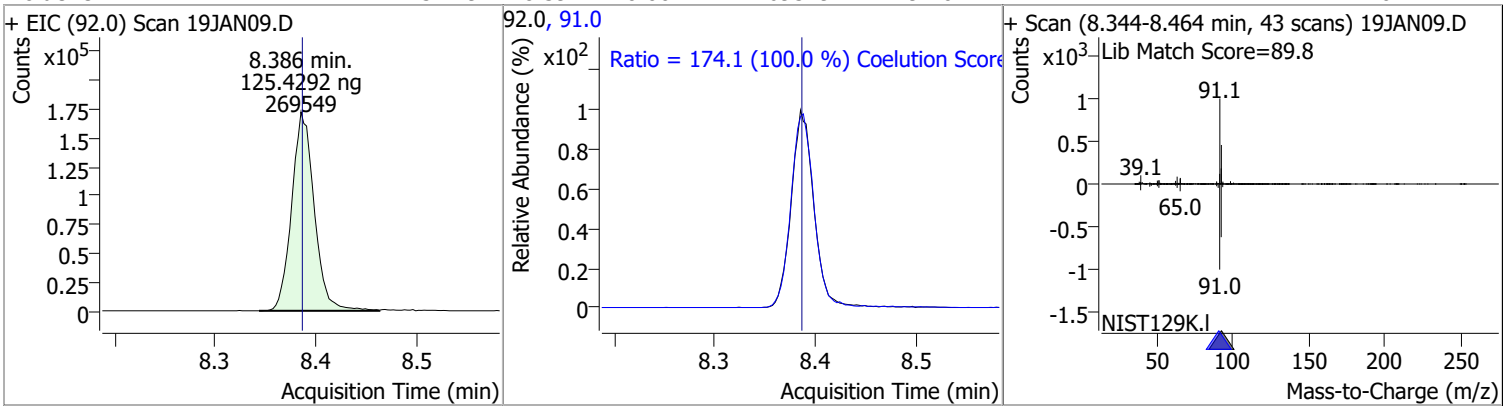
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	128.0381	8.32	0.00	412799	100.0	64.3	34.3	94.3
					99.0	9.2	0.0	39.2



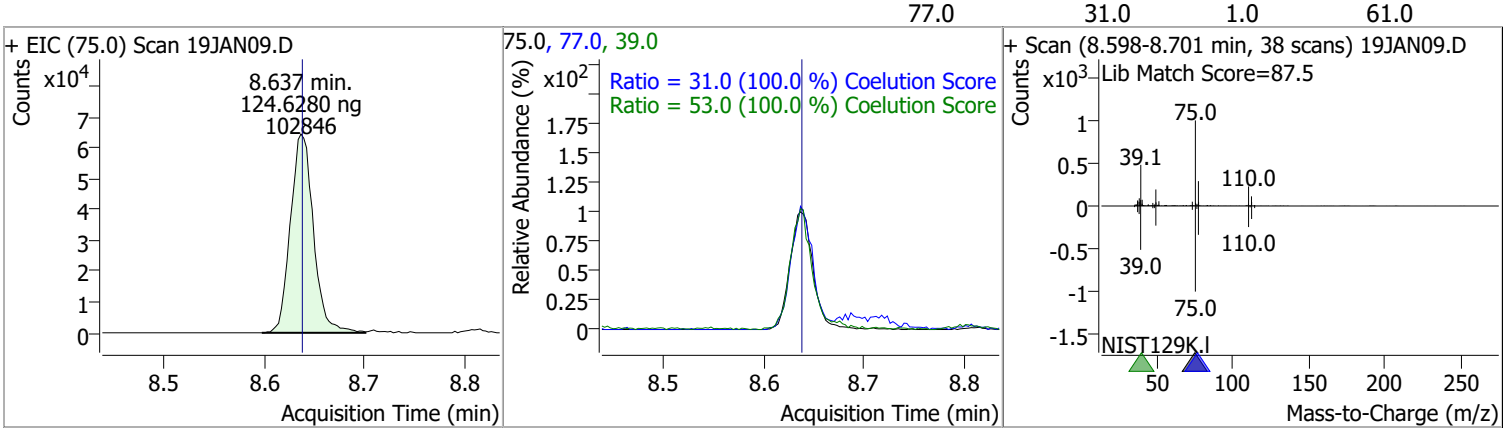




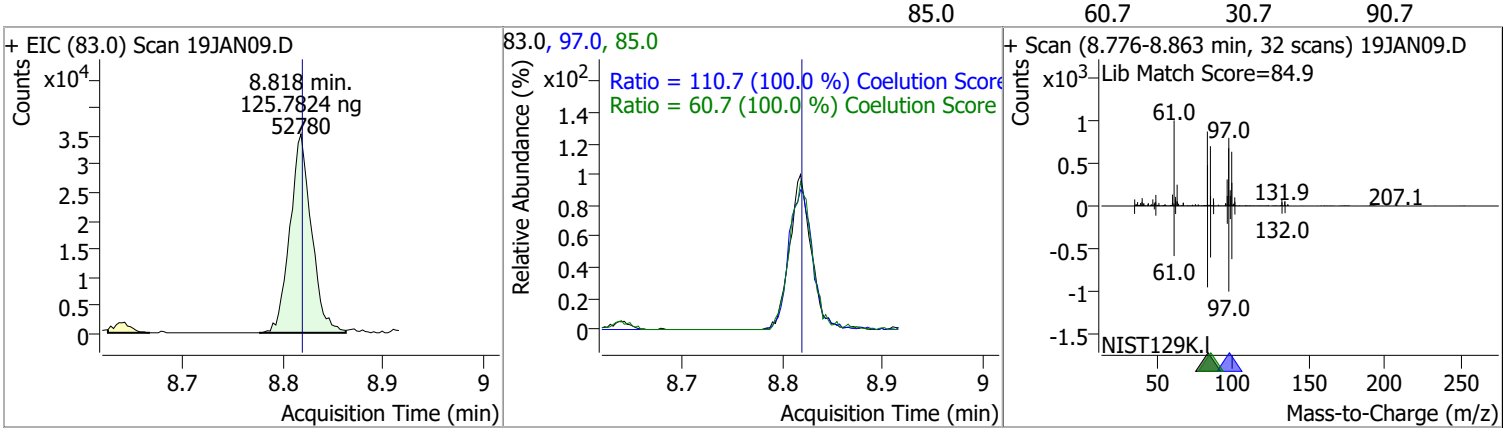
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	125.4292	8.39	0.00	269549	91.0	174.1	144.1	204.1



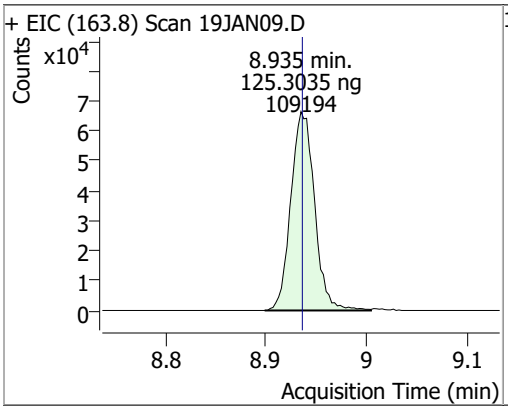
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	124.6280	8.64	0.00	102846	39.0	53.0	23.0	83.0
					77.0	31.0	1.0	61.0

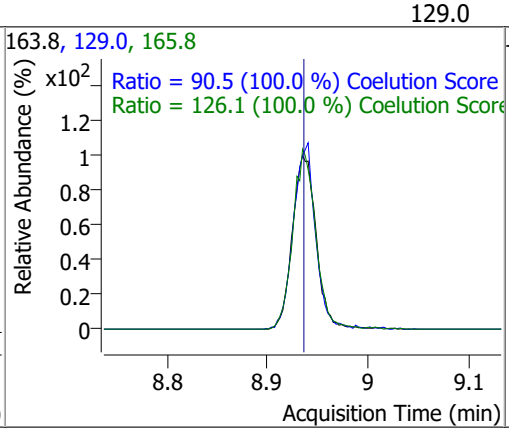


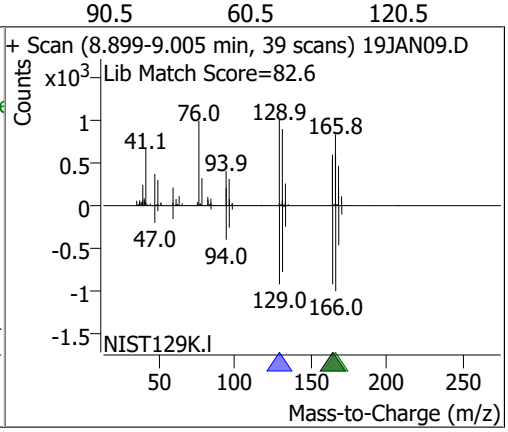
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	125.7824	8.82	0.00	52780	97.0	110.7	80.7	140.7
					85.0	60.7	30.7	90.7



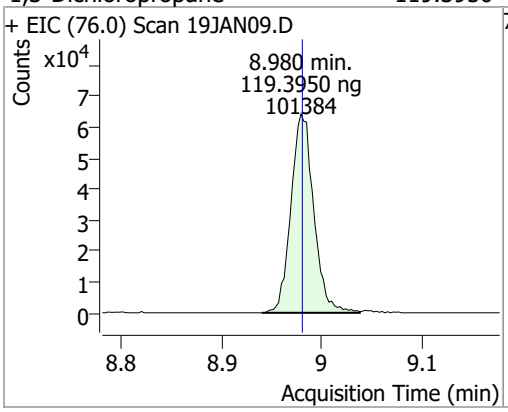
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	125.3035	8.94	0.00	109194	165.8	126.1	96.1	156.1
					129.0	90.5	60.5	120.5

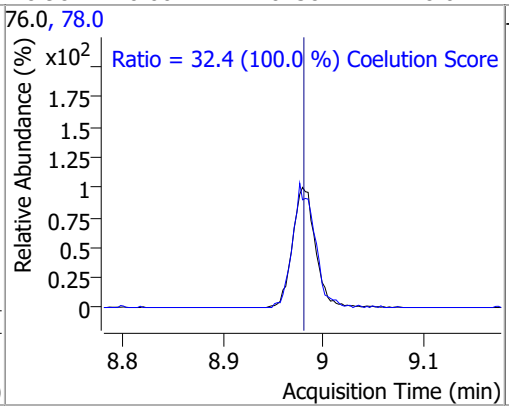


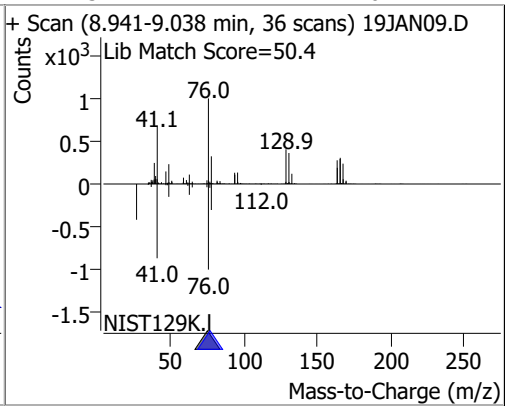




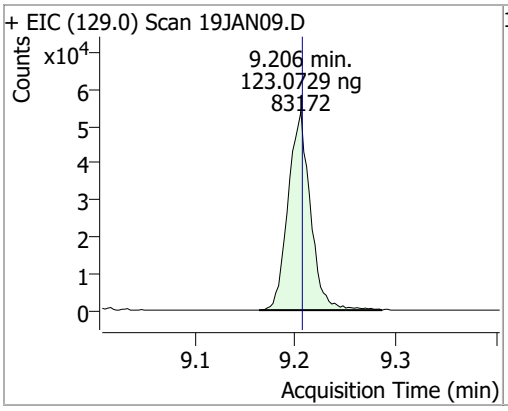
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	119.3950	8.98	0.00	101384	78.0	32.4	2.4	62.4

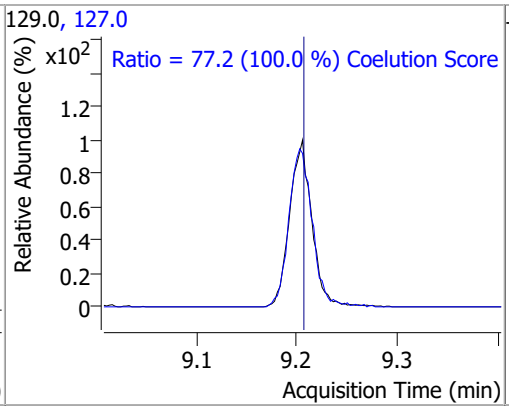


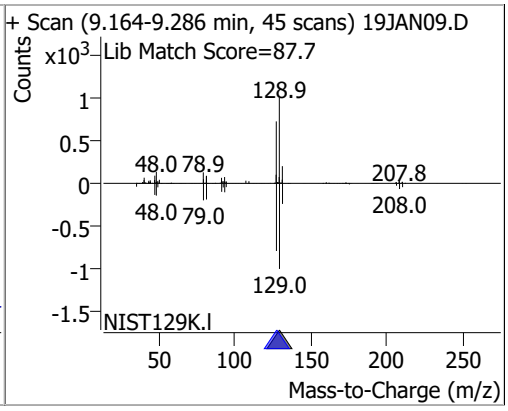




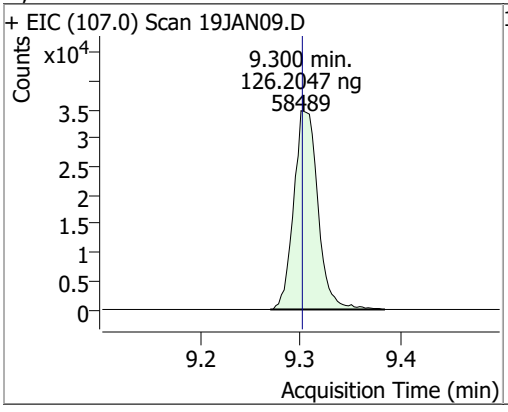
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	123.0729	9.21	0.00	83172	127.0	77.2	47.2	107.2

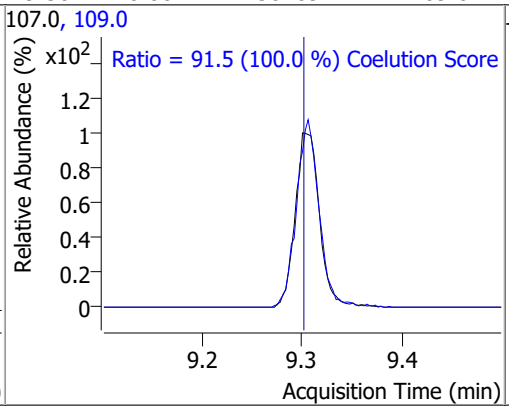


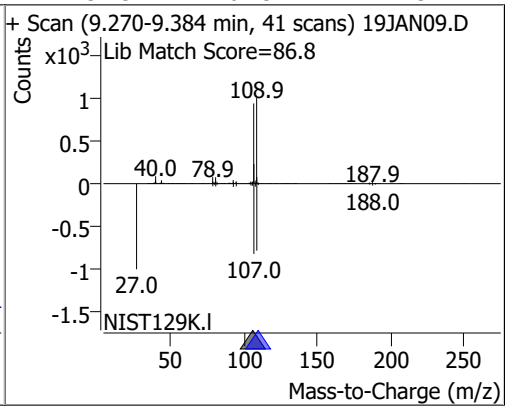




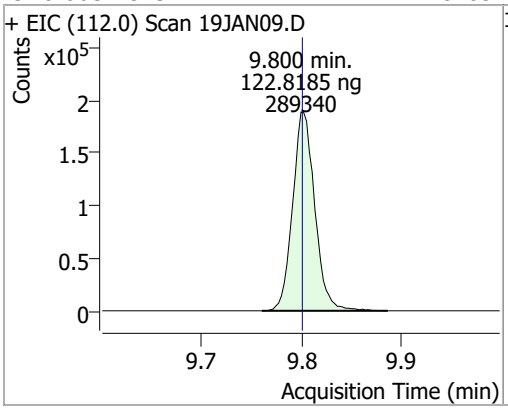
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	126.2047	9.30	0.00	58489	109.0	91.5	61.5	121.5

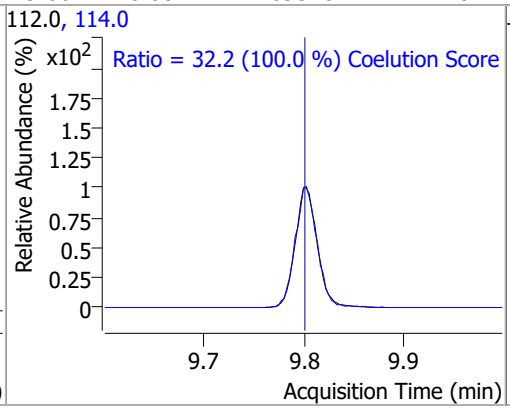


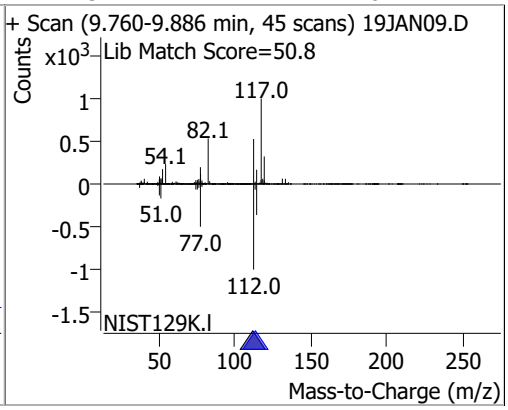




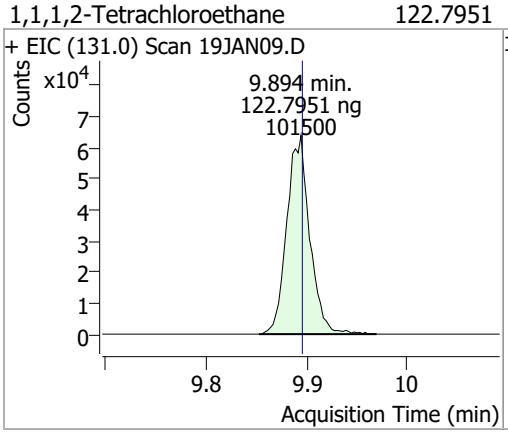
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	122.8185	9.80	0.00	289340	114.0	32.2	2.2	62.2

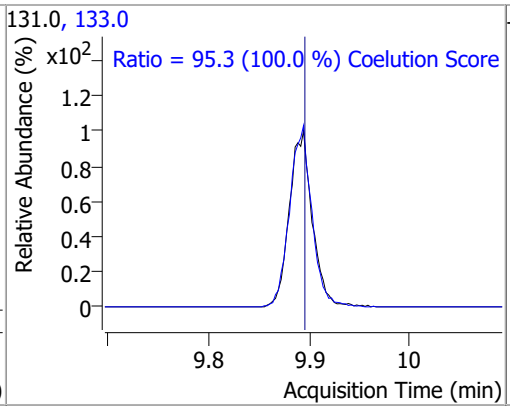


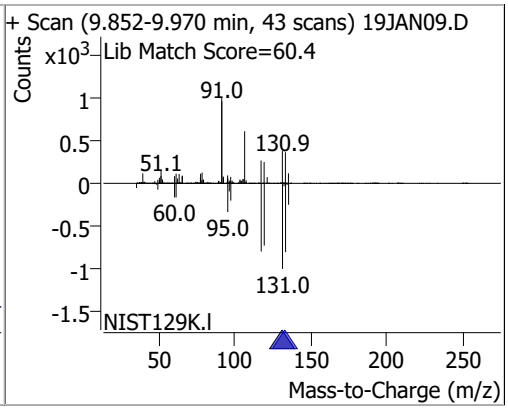




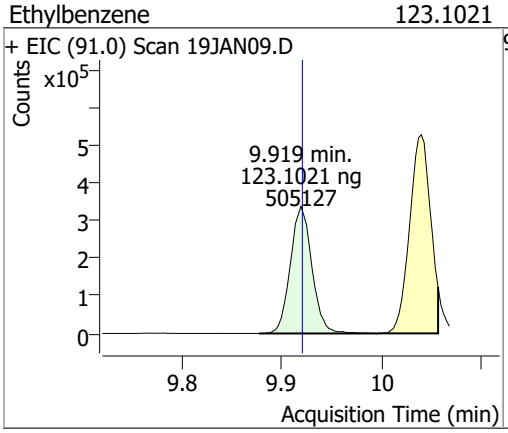
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	122.7951	9.89	0.00	101500	133.0	95.3	65.3	125.3

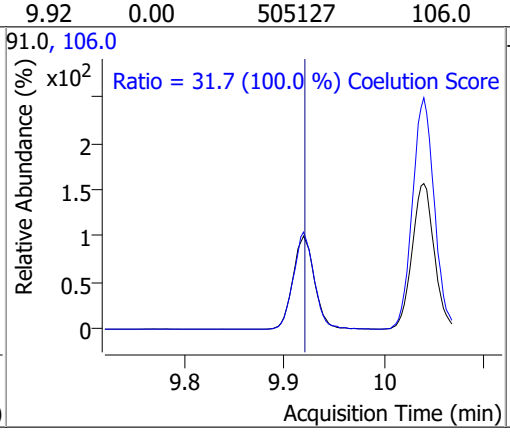


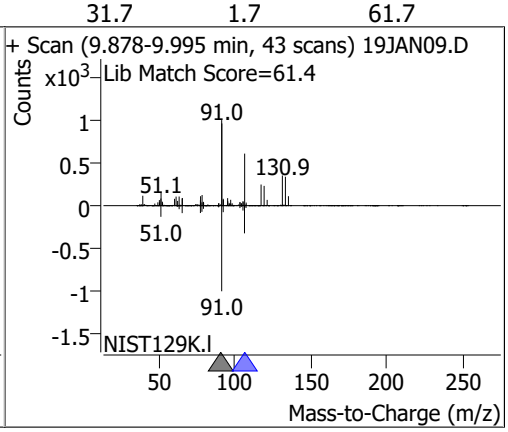




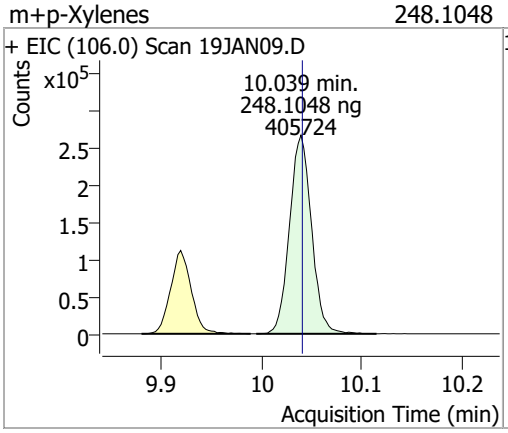
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	123.1021	9.92	0.00	505127	106.0	31.7	1.7	61.7

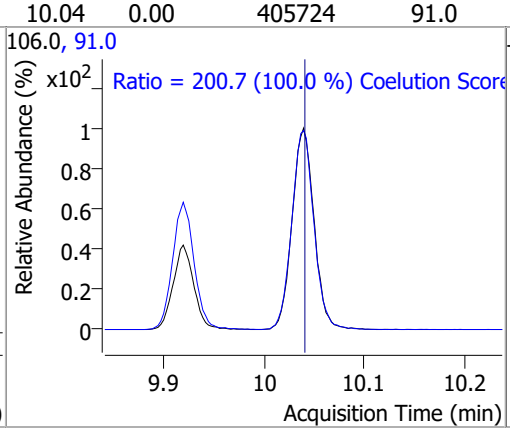


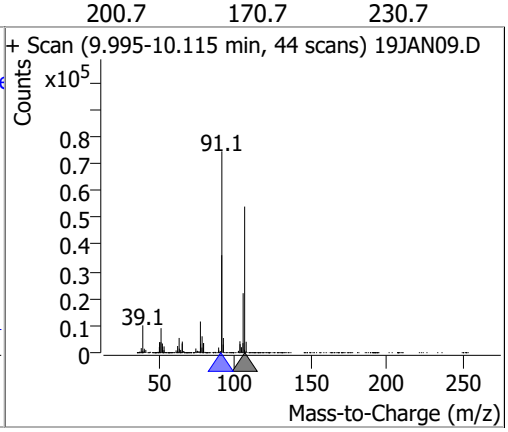




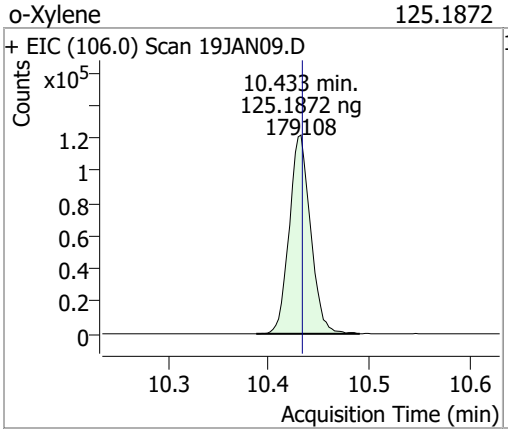
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	248.1048	10.04	0.00	405724	91.0	200.7	170.7	230.7

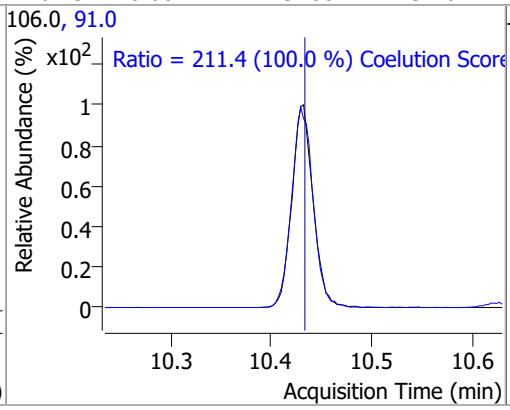


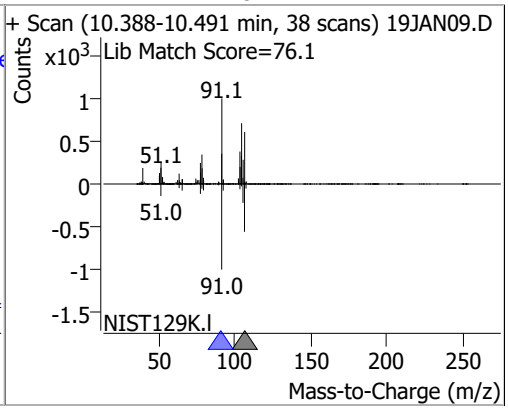




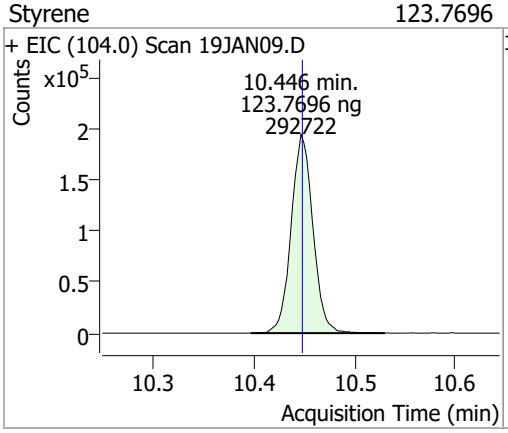
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	125.1872	10.43	0.00	179108	91.0	211.4	181.4	241.4

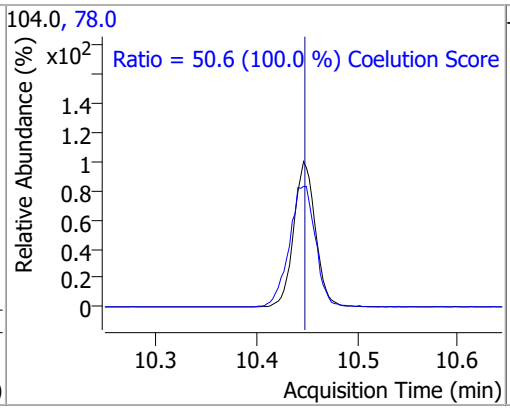


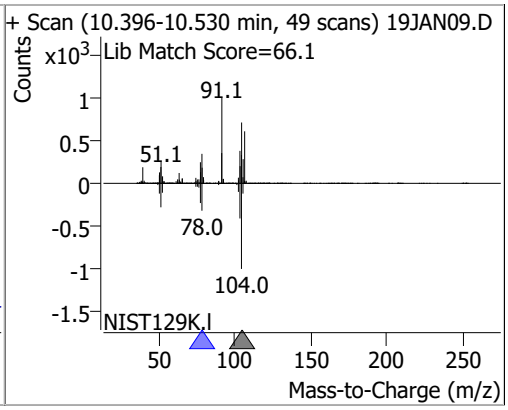




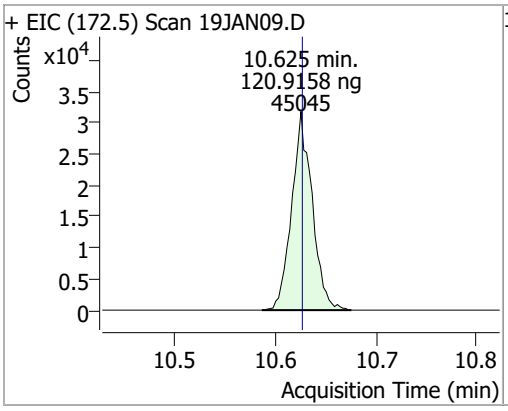
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	123.7696	10.45	0.00	292722	78.0	50.6	20.6	80.6

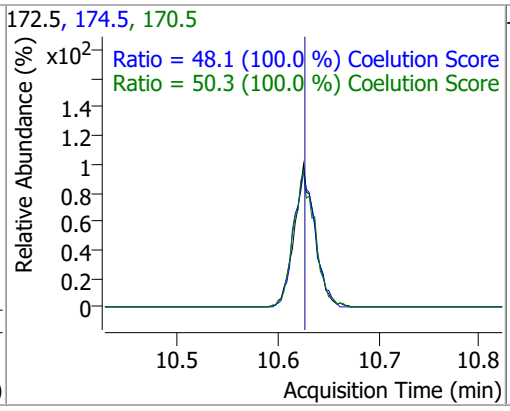


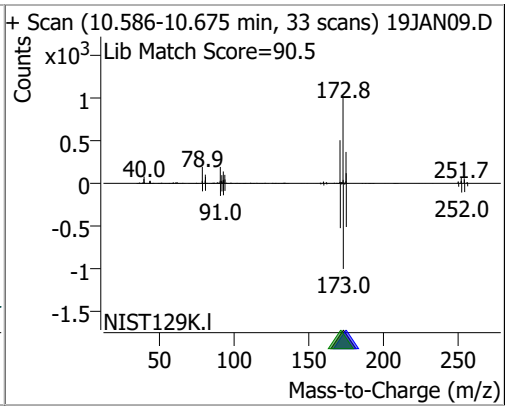




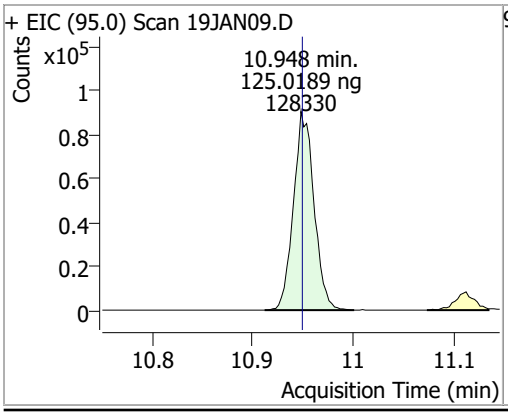
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	120.9158	10.62	0.00	45045	170.5	50.3	20.3	80.3
					174.5	48.1	18.1	78.1

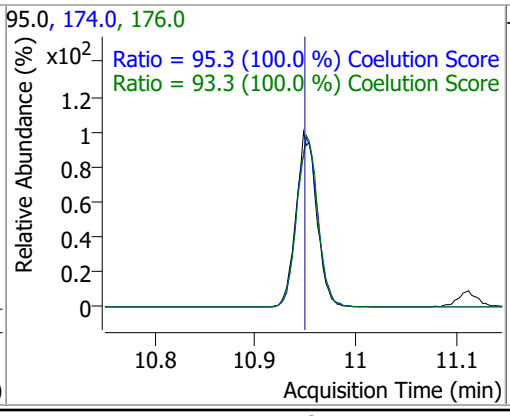


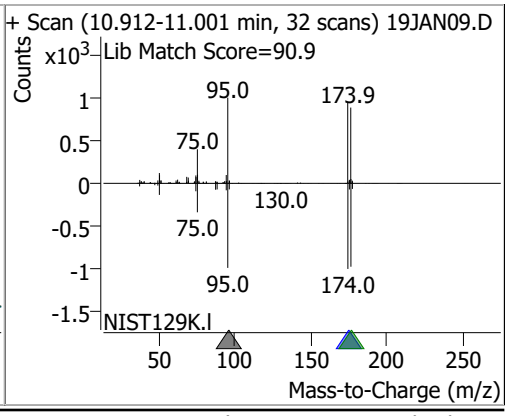




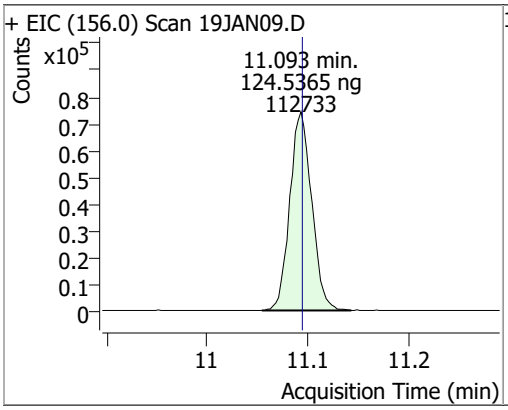
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	125.0189	10.95	0.00	128330	174.0	95.3	65.3	125.3
					176.0	93.3	63.3	123.3

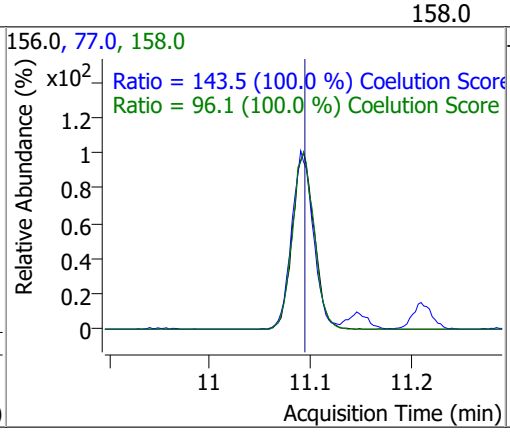


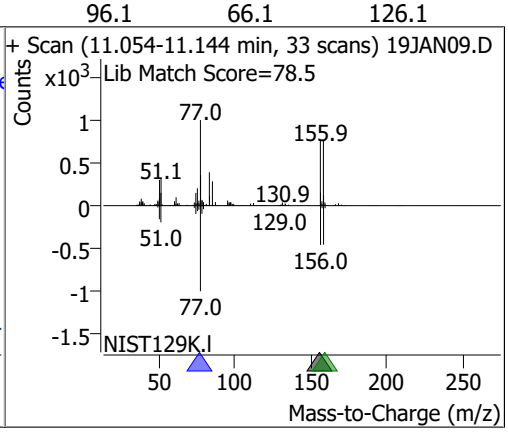




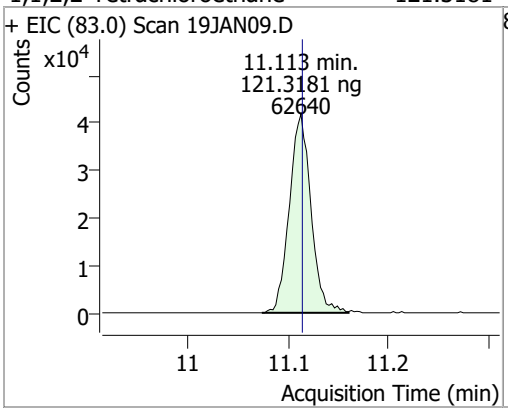
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	124.5365	11.09	0.00	112733	77.0	143.5	113.5	173.5
					158.0	96.1	66.1	126.1

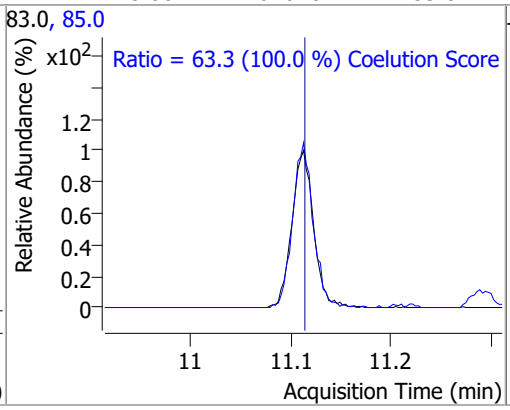


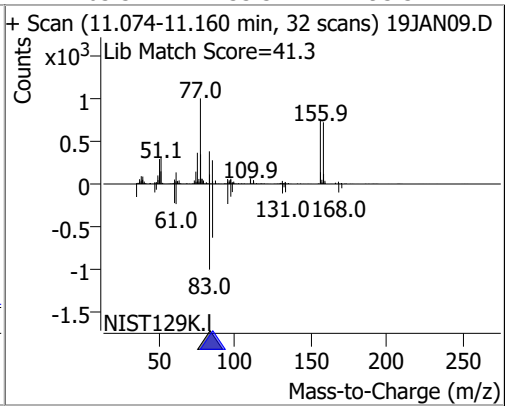




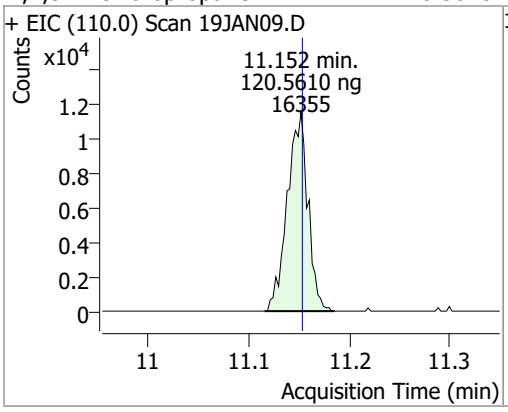
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	121.3181	11.11	0.00	62640	85.0	63.3	33.3	93.3

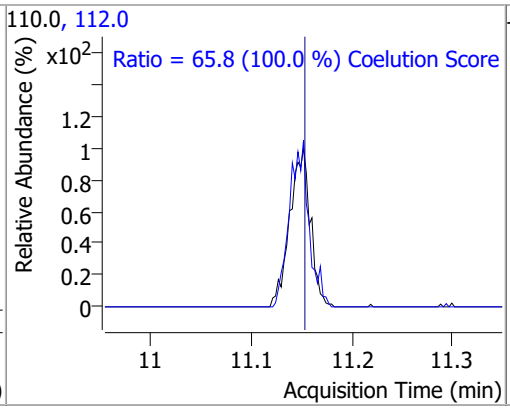


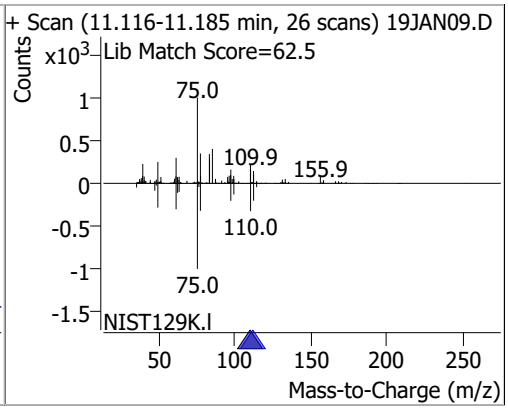




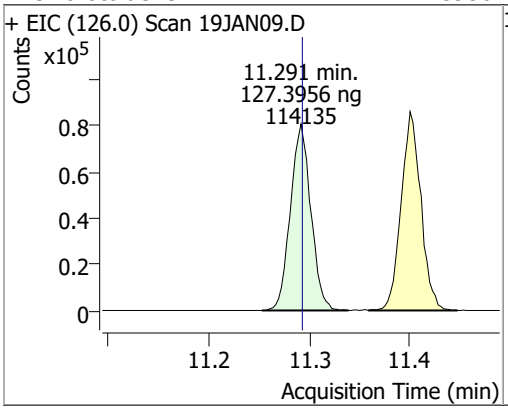
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	120.5610	11.15	0.00	16355	112.0	65.8	35.8	95.8

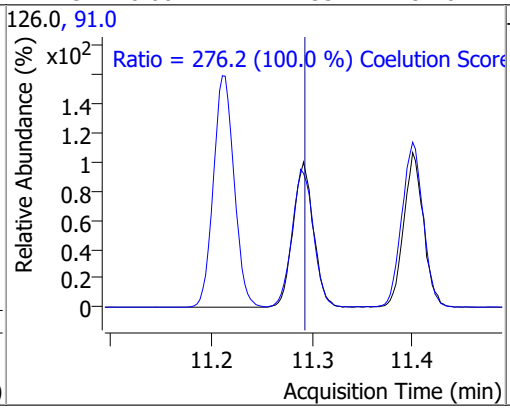


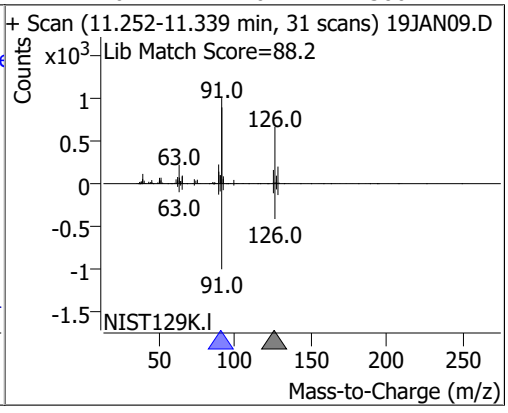




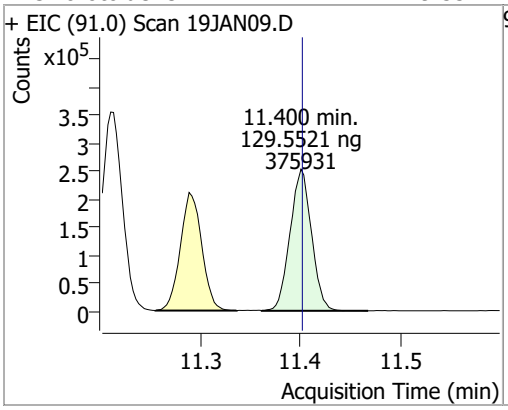
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	127.3956	11.29	0.00	114135	91.0	276.2	246.2	306.2

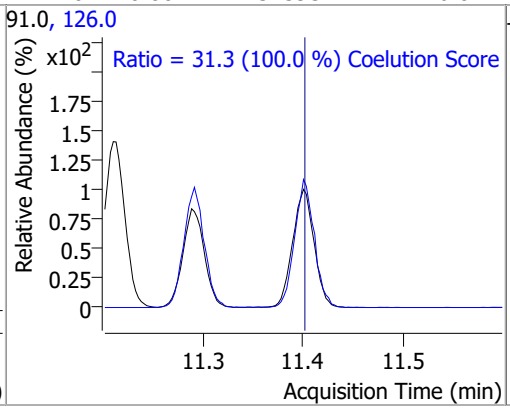


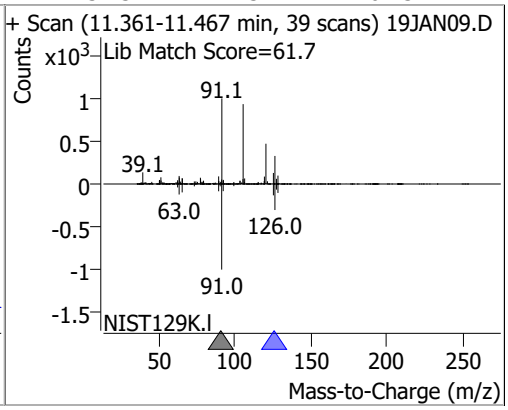




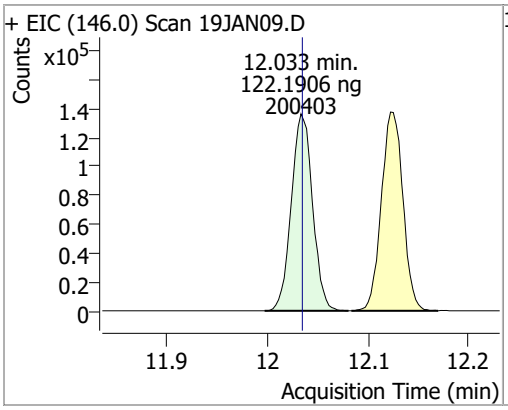
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	129.5521	11.40	0.00	375931	126.0	31.3	1.3	61.3

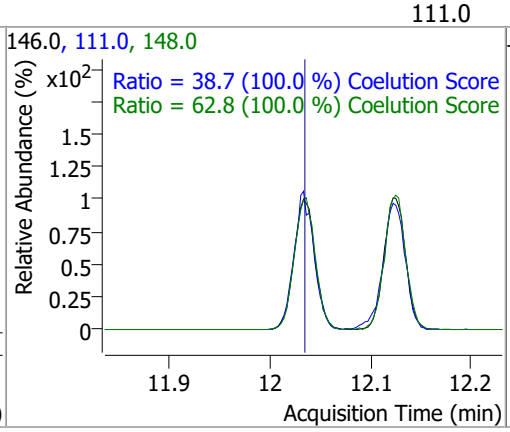


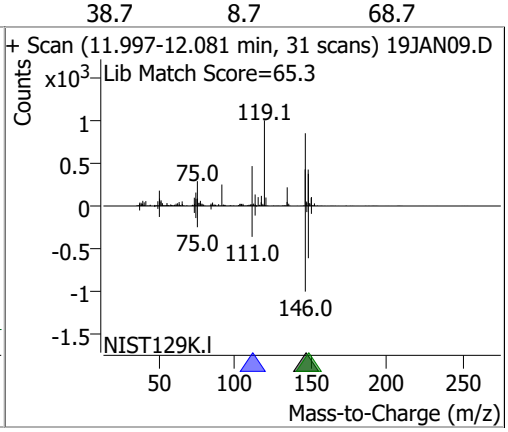




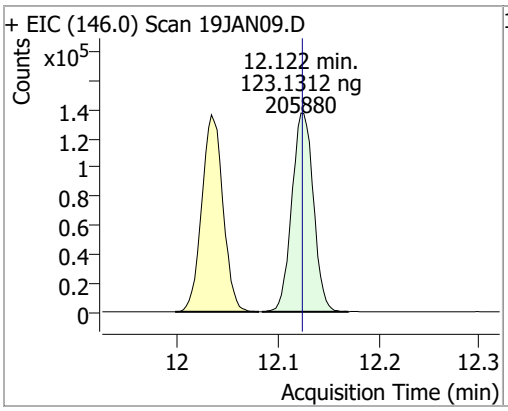
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	122.1906	12.03	0.00	200403	148.0	62.8	32.8	92.8
					111.0	38.7	8.7	68.7

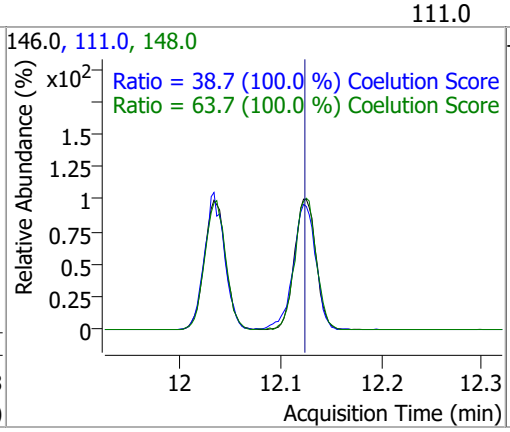


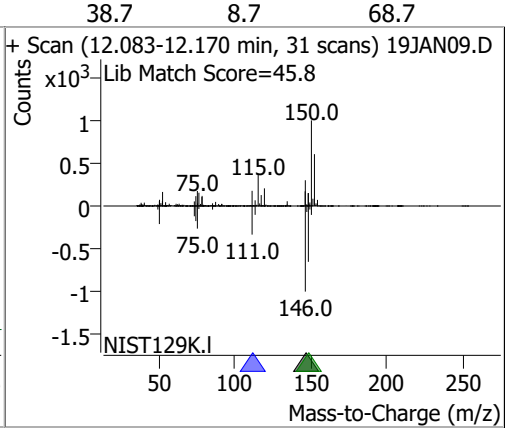




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	123.1312	12.12	0.00	205880	148.0	63.7	33.7	93.7
					111.0	38.7	8.7	68.7

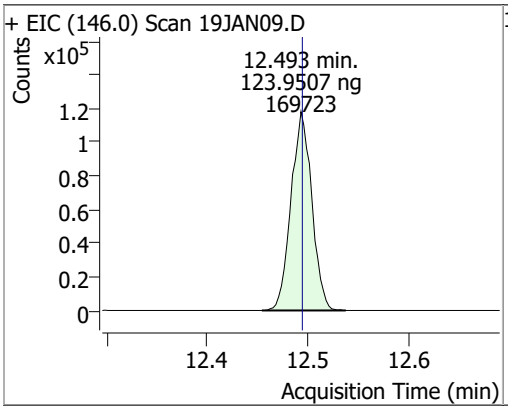


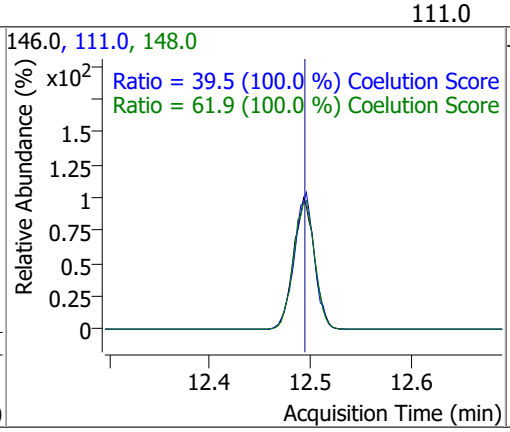


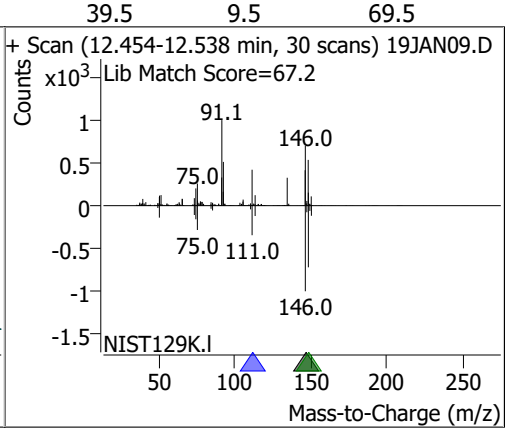


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	123.9507	12.49	0.00	169723	148.0	61.9	31.9	91.9
					111.0	39.5	9.5	69.5



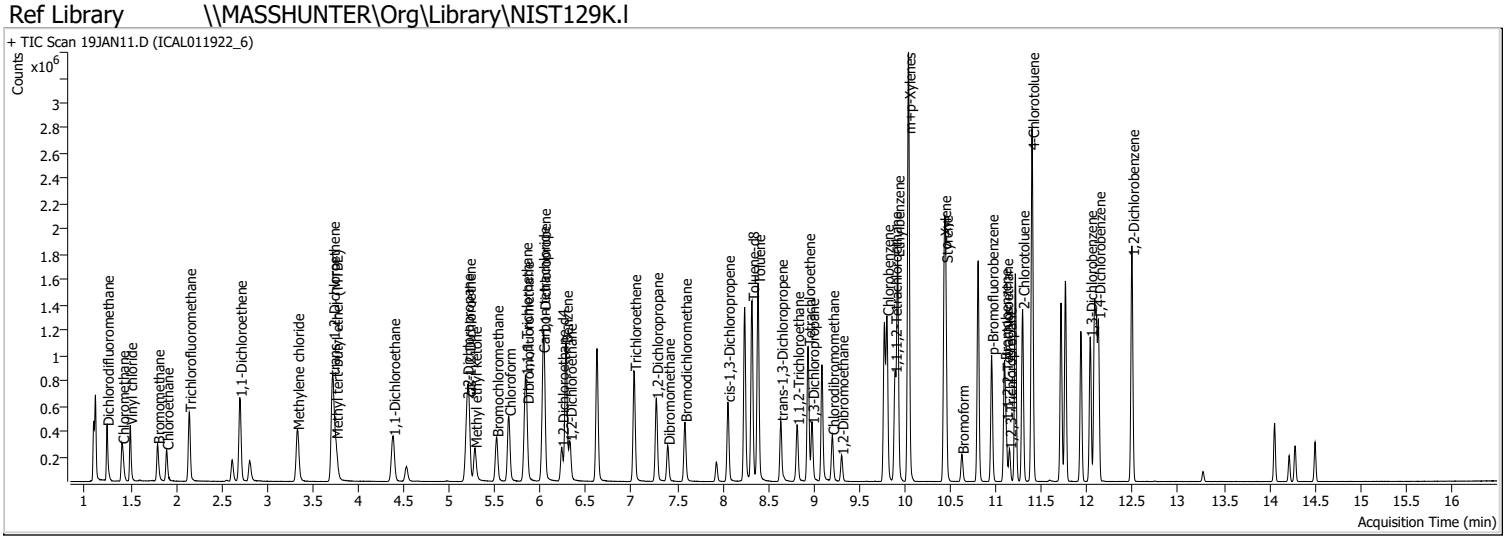




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	19JAN11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 1:58:41 PM
Sample Name	ICAL011922_6	Instrument	VOA5975C
Vial	11	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

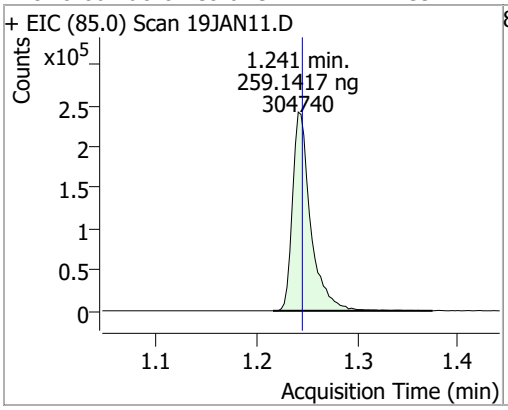


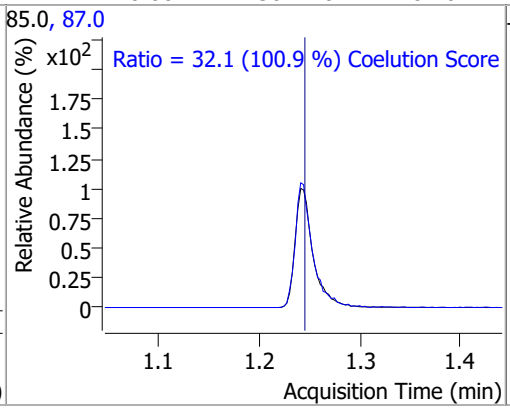
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	874562	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	333271	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	280059	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.851	113.0	221667	261.6821	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.67%		
S 1,2-Dichloroethane-d4	6.236	67.0	92919	253.9336	ng	0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 101.57%		
S Toluene-d8	8.322	98.0	885297	272.2835	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 108.91%		
S p-Bromofluorobenzene	10.951	95.0	277668	268.5266	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.41%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	304740	259.1417	ng	100
T Chloromethane	1.409	50.0	346531	250.2957	ng	99
T Vinyl chloride	1.498	62.0	326478	259.0664	ng	98
T Bromomethane	1.796	96.0	153759	264.9993	ng	96
T Chloroethane	1.897	64.0	170795	286.4607	ng	97
T Trichlorofluoromethane	2.145	101.0	379318	251.0100	ng	98
T 1,1-Dichloroethene	2.700	96.0	233356	265.3896	ng	99
T Methylene chloride	3.330	49.0	310597	242.9531	ng	98
T trans-1,2-Dichloroethene	3.720	96.0	233769	257.3531	ng	100
T Methyl tert-butyl ether (MTBE)	3.754	73.0	296029	260.7416	ng	100
T 1,1-Dichloroethane	4.381	63.0	442070	260.0378	ng	99
T 2,2-Dichloropropane	5.193	77.0	331689	258.8981	ng	97
T cis-1,2-Dichloroethene	5.215	96.0	243087	264.3041	ng	98
T Methyl ethyl ketone	5.279	43.0	348492	2621.9160	ng	98
T Bromochloromethane	5.516	128.0	99685	262.8745	ng	99
T Chloroform	5.653	83.0	420250	247.5804	ng	99

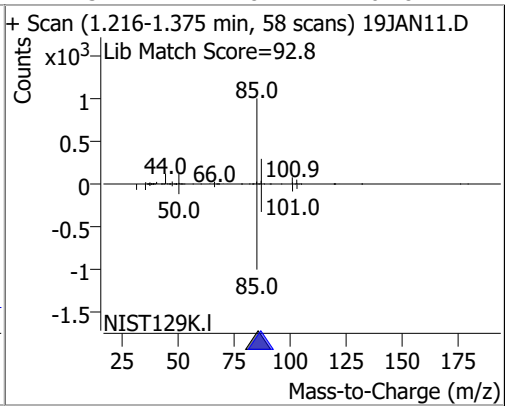
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	414139	264.4318	ng	99
T Carbon tetrachloride	6.027	117.0	404308	266.1753	ng	99
T 1,1-Dichloropropene	6.038	75.0	350070	275.6455	ng	99
T Benzene	6.277	78.0	920174	263.3789	ng	100
T 1,2-Dichloroethane	6.322	62.0	236845	245.4404	ng	99
T Trichloroethene	7.028	95.0	265703	266.3072	ng	99
T 1,2-Dichloropropane	7.270	63.0	235120	268.0280	ng	97
T Dibromomethane	7.396	93.0	97445	263.5412	ng	98
T Bromodichloromethane	7.585	83.0	270436	260.1015	ng	98
T cis-1,3-Dichloropropene	8.057	75.0	311156	272.7213	ng	99
T Toluene	8.388	92.0	587069	270.8830	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	223772	268.8845	ng	97
T 1,1,2-Trichloroethane	8.818	83.0	110317	260.6902	ng	96
T Tetrachloroethene	8.938	163.8	231586	263.5170	ng	98
T 1,3-Dichloropropane	8.982	76.0	223019	260.4297	ng	99
T Chlorodibromomethane	9.203	129.0	178171	261.4293	ng	100
T 1,2-Dibromoethane	9.303	107.0	124289	265.9291	ng	98
T Chlorobenzene	9.802	112.0	625101	263.1099	ng	100
T 1,1,1,2-Tetrachloroethane	9.889	131.0	219325	263.1086	ng	100
T Ethylbenzene	9.919	91.0	1116949	259.5637	ng	99
T m+p-Xylenes	10.039	106.0	887253	520.9218	ng	100
T o-Xylene	10.430	106.0	387676	257.9276	ng	97
T Styrene	10.449	104.0	646327	261.6473	ng	99
T Bromoform	10.625	172.5	96001	255.8151	ng	98
T Bromobenzene	11.093	156.0	243851	267.4139	ng	99
T 1,1,2,2-Tetrachloroethane	11.110	83.0	133573	256.8068	ng	100
T 1,2,3-Trichloropropane	11.146	110.0	36124	264.3420	ng	98
T 2-Chlorotoluene	11.291	126.0	247831	274.6030	ng	99
T 4-Chlorotoluene	11.397	91.0	814408	278.6073	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	436562	264.2369	ng	100
T 1,4-Dichlorobenzene	12.122	146.0	438291	260.2139	ng	100
T 1,2-Dichlorobenzene	12.493	146.0	366153	265.4514	ng	98

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

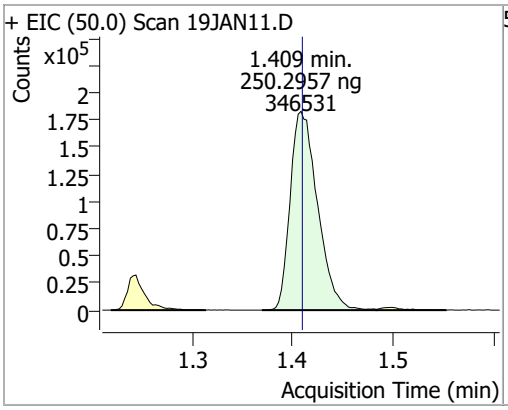
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	259.1417	1.24	0.00	304740	87.0	32.1	1.8	61.8

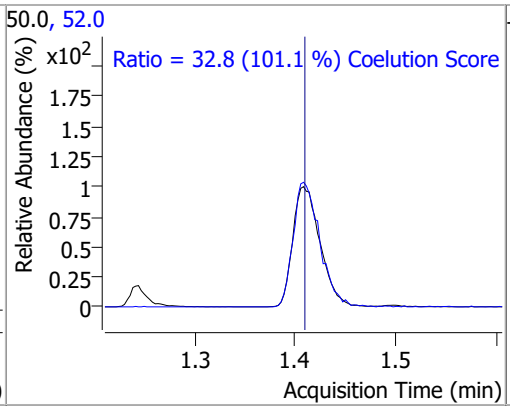


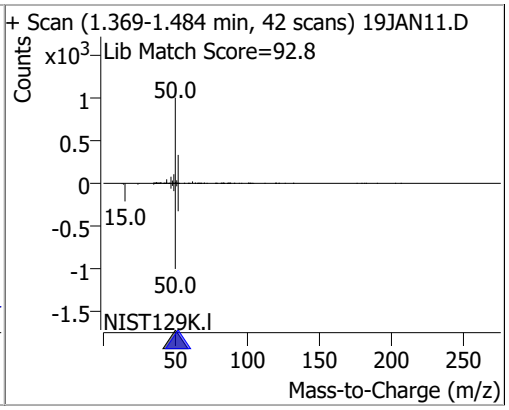




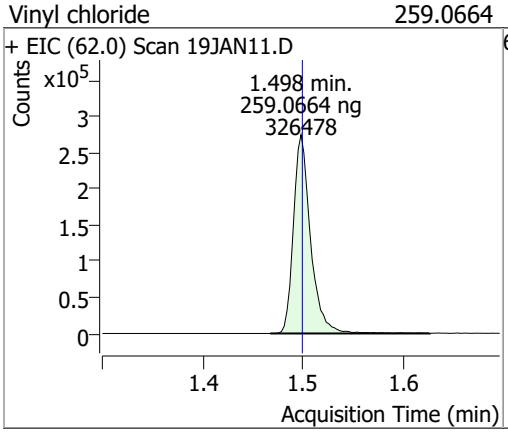
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	250.2957	1.41	0.00	346531	52.0	32.8	2.4	62.4

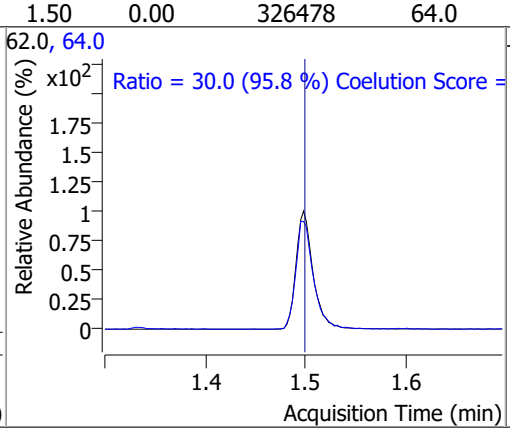


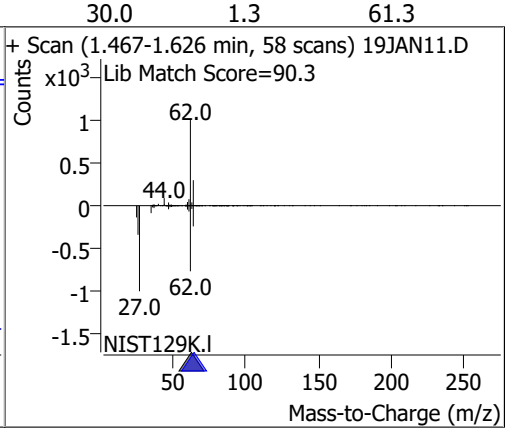




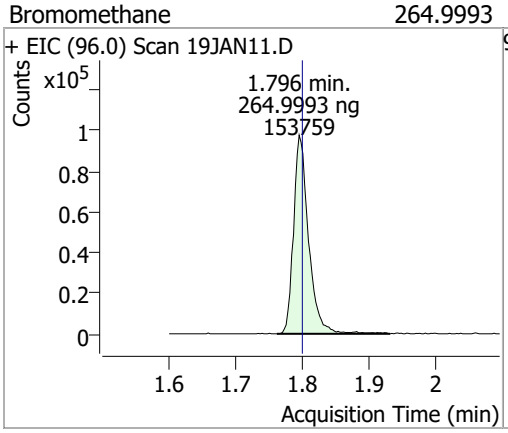
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	259.0664	1.50	0.00	326478	64.0	30.0	1.3	61.3

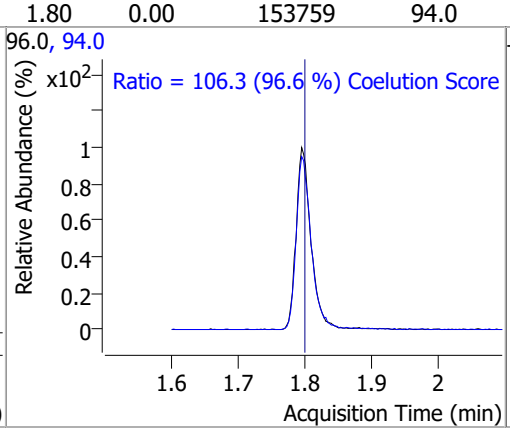


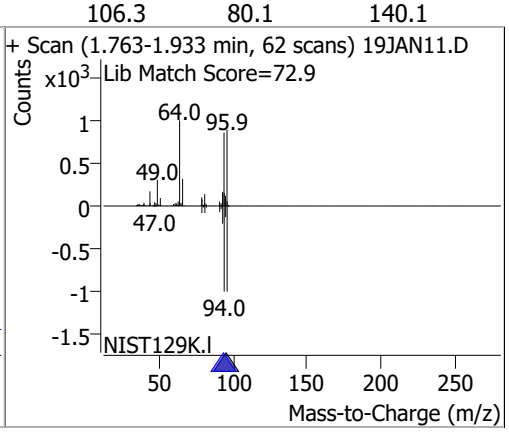




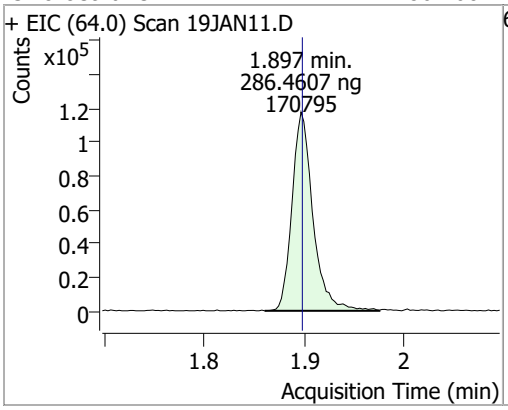
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	264.9993	1.80	0.00	153759	94.0	106.3	80.1	140.1

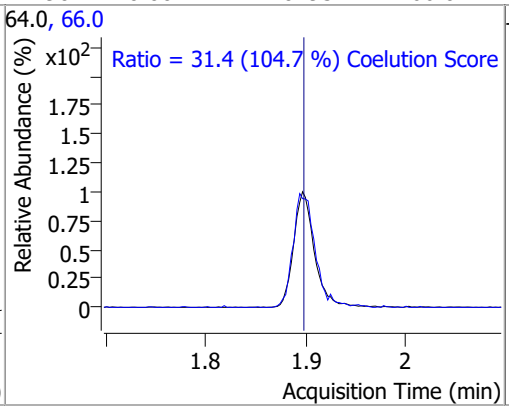


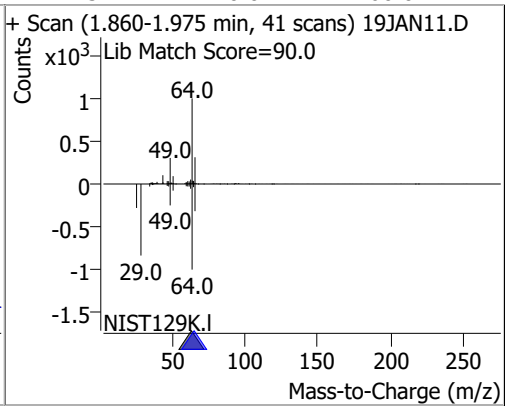




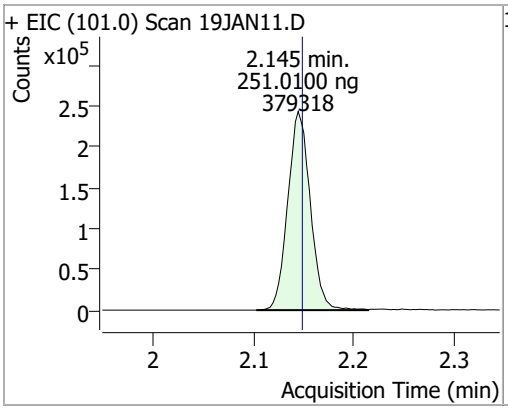
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	286.4607	1.90	0.00	170795	66.0	31.4	0.0	60.0

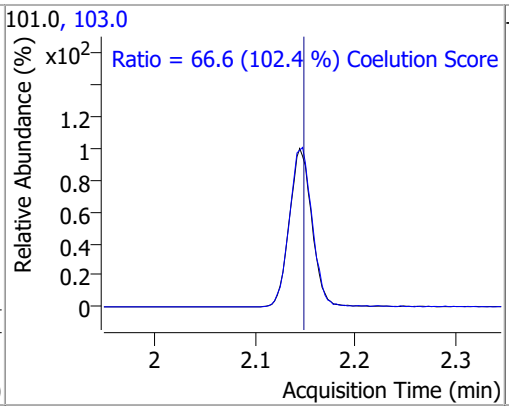


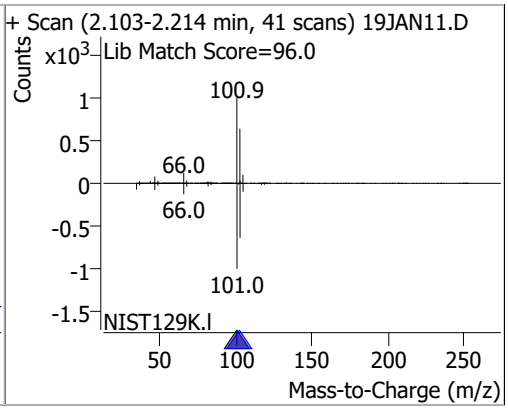




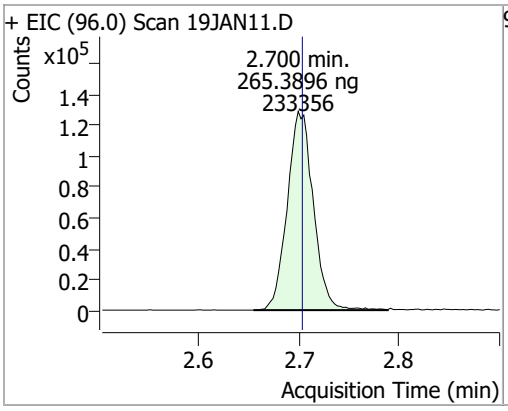
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	251.0100	2.14	0.00	379318	103.0	66.6	35.0	95.0

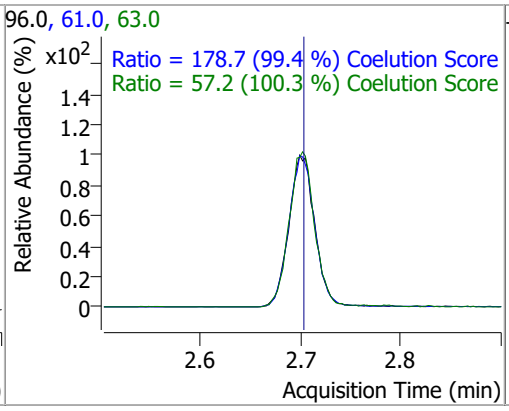


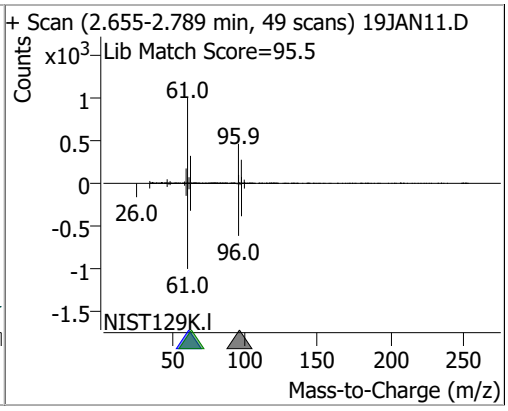




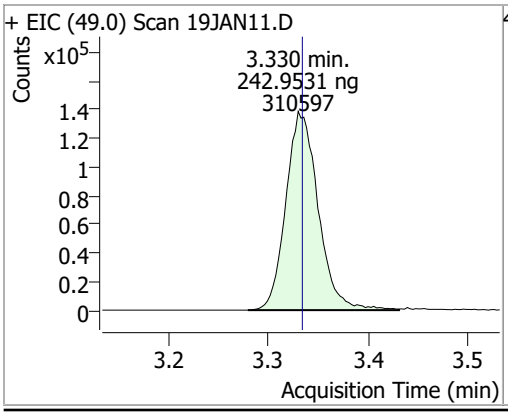
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	265.3896	2.70	0.00	233356	61.0	178.7	149.9	209.9
					63.0	57.2	27.0	87.0

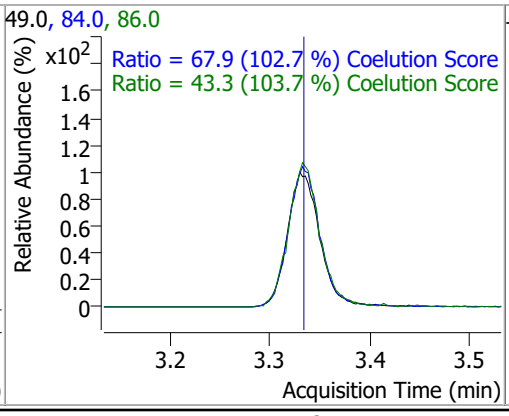


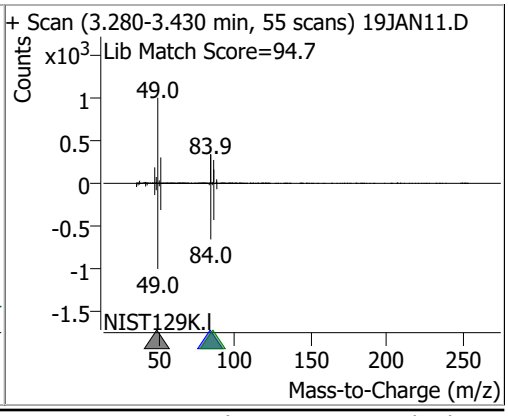




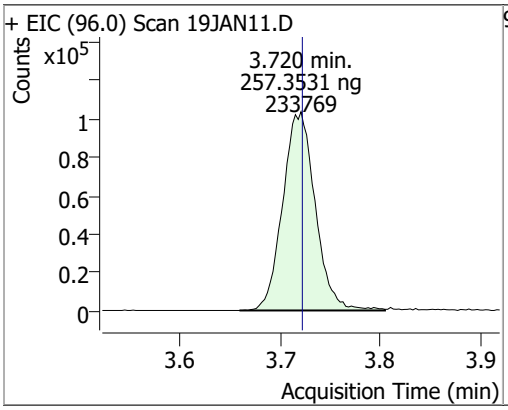
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	242.9531	3.33	0.00	310597	84.0	67.9	36.1	96.1
					86.0	43.3	11.8	71.8

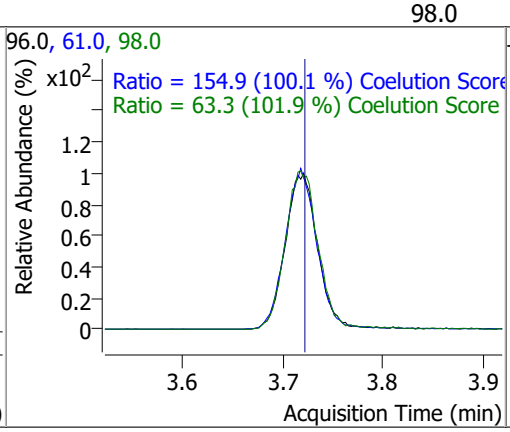


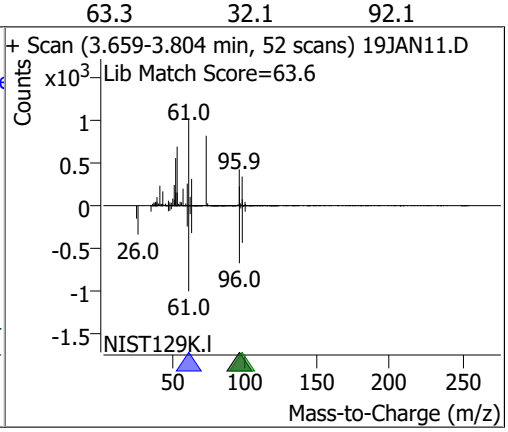




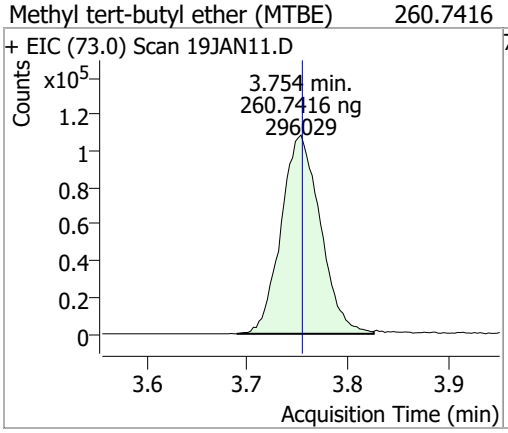
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	257.3531	3.72	0.00	233769	61.0	154.9	124.8	184.8
					98.0	63.3	32.1	92.1

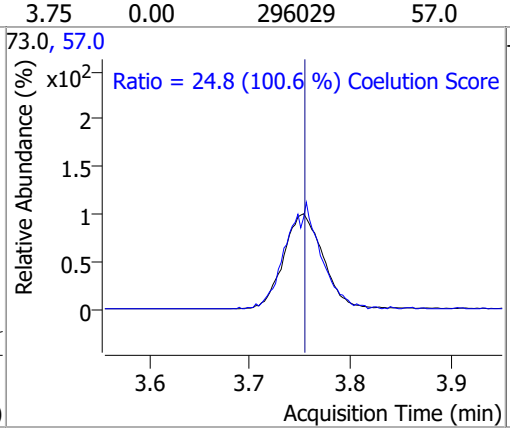


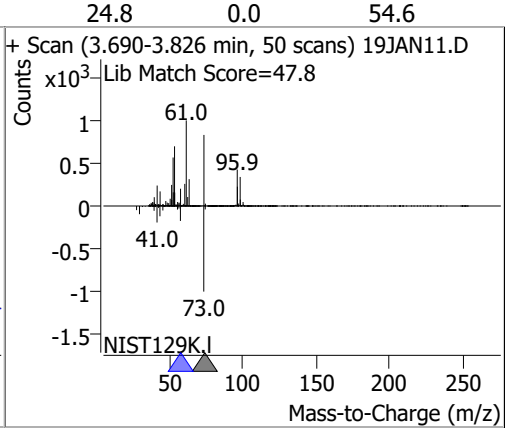




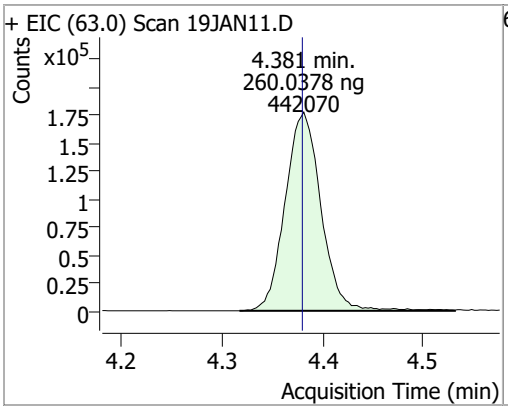
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	260.7416	3.75	0.00	296029	57.0	24.8	0.0	54.6

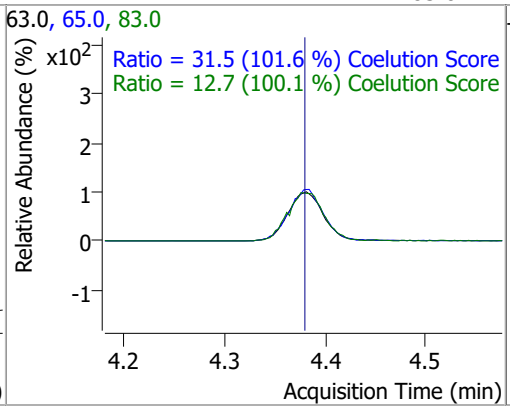


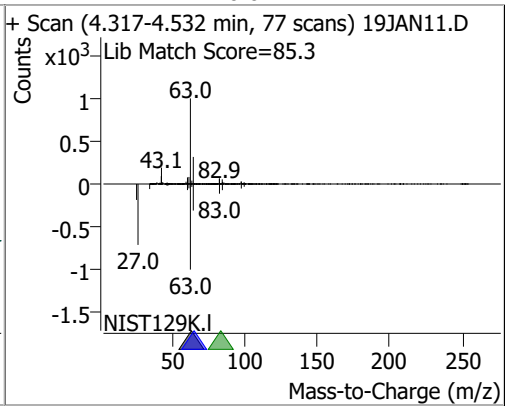




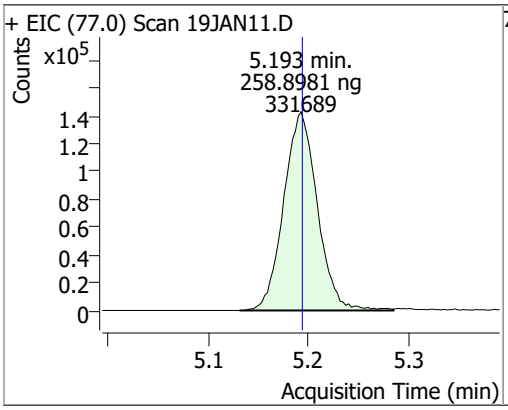
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	260.0378	4.38	0.00	442070	65.0	31.5	1.0	61.0
					83.0	12.7	0.0	42.7

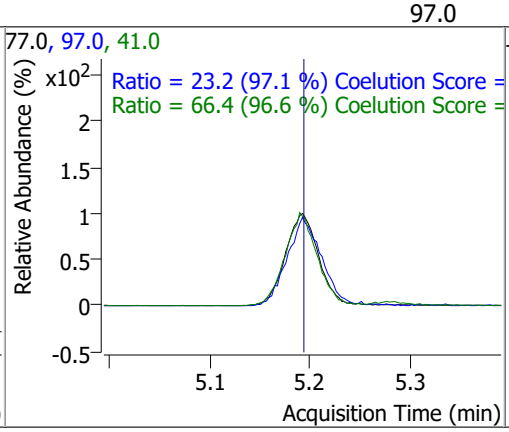


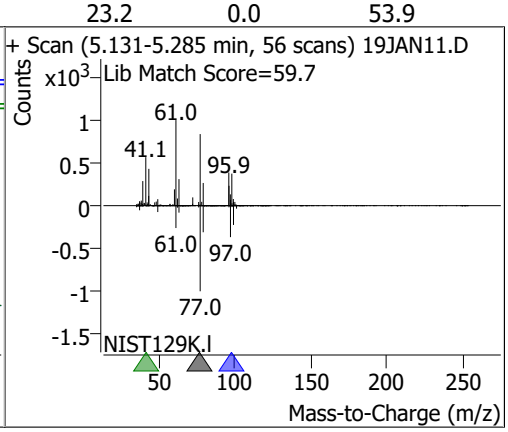




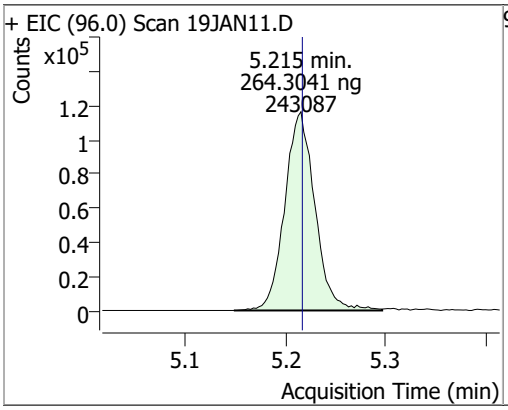
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	258.8981	5.19	0.00	331689	41.0	66.4	38.8	98.8
					97.0	23.2	0.0	53.9

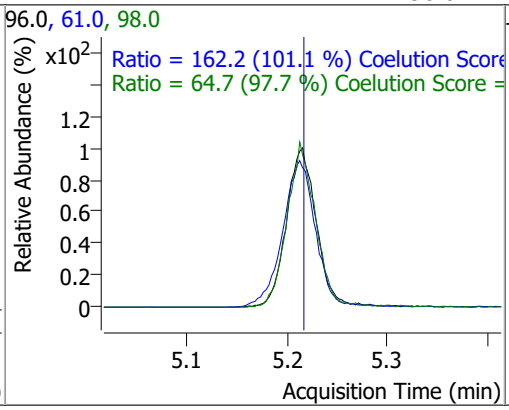


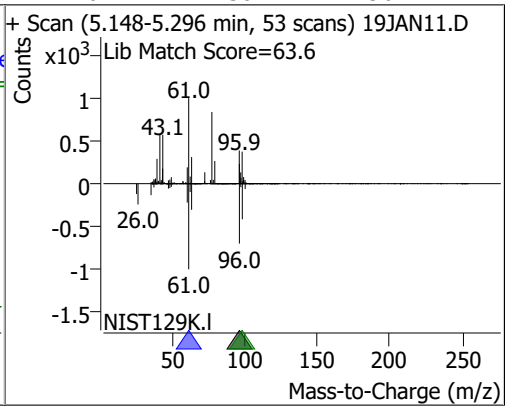




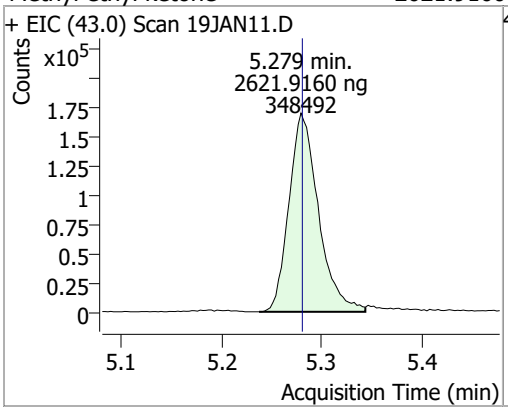
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	264.3041	5.22	0.00	243087	61.0	162.2	130.4	190.4
					98.0	64.7	36.2	96.2

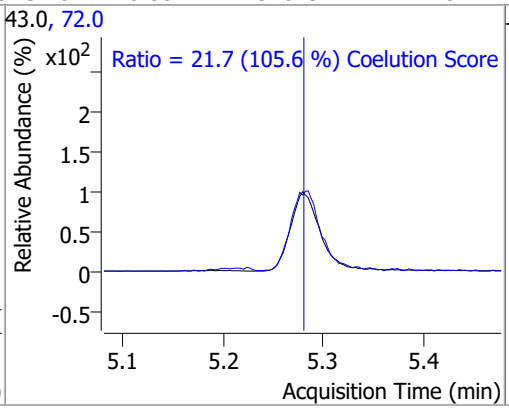


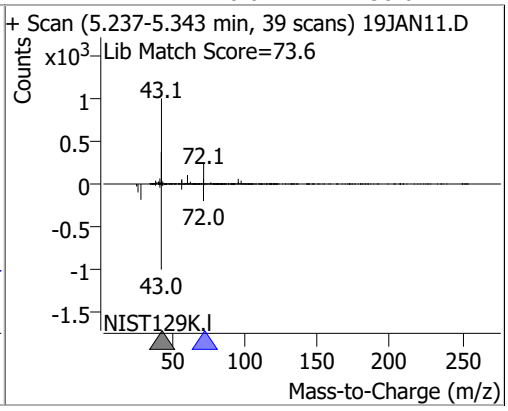




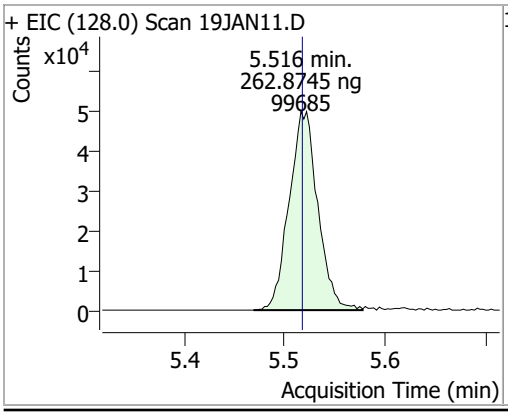
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	2621.9160	5.28	0.00	348492	72.0	21.7	0.0	50.6

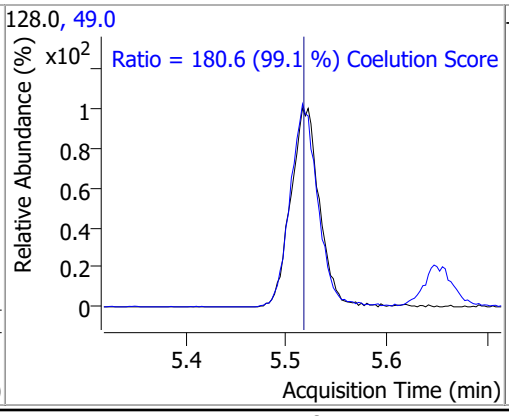


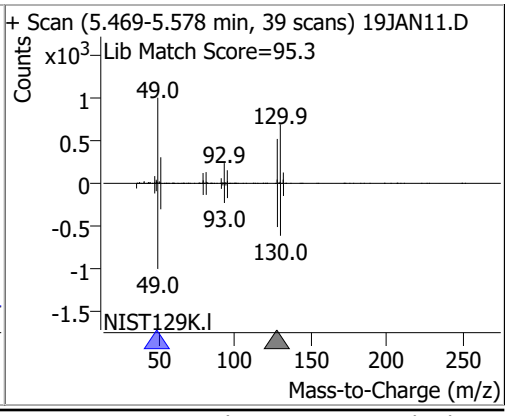




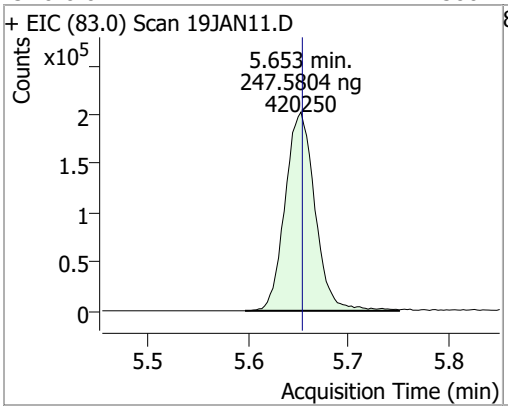
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	262.8745	5.52	0.00	99685	49.0	180.6	152.2	212.2

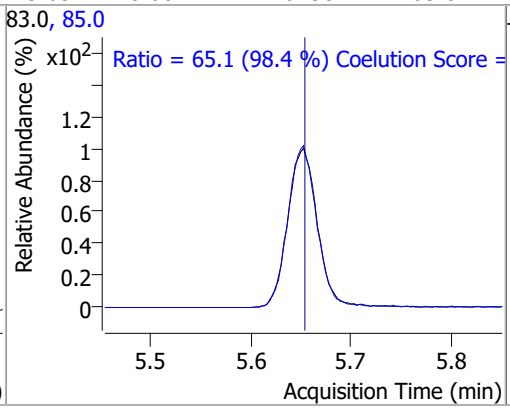


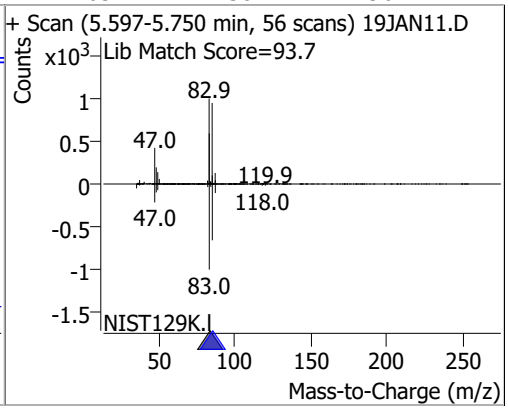




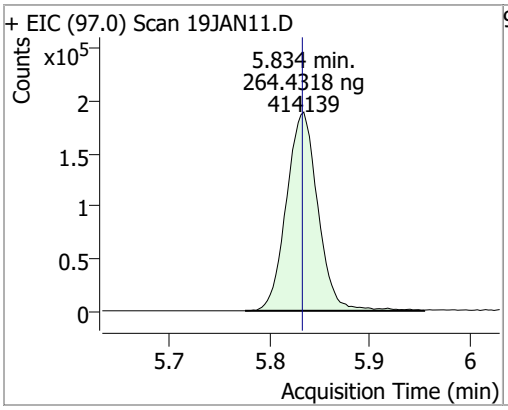
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	247.5804	5.65	0.00	420250	85.0	65.1	36.2	96.2

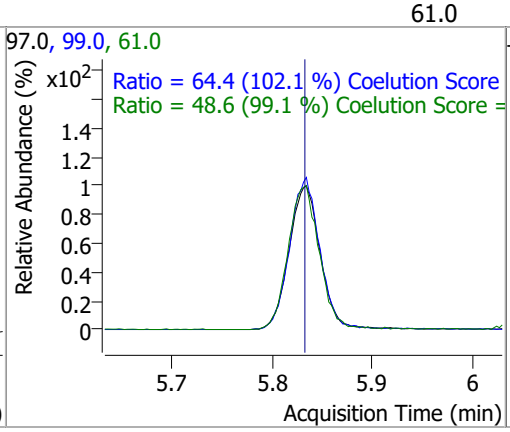


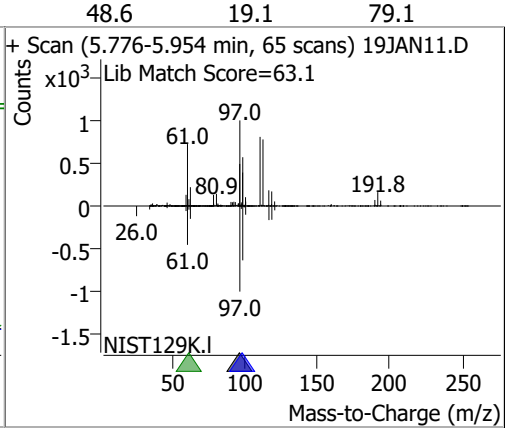




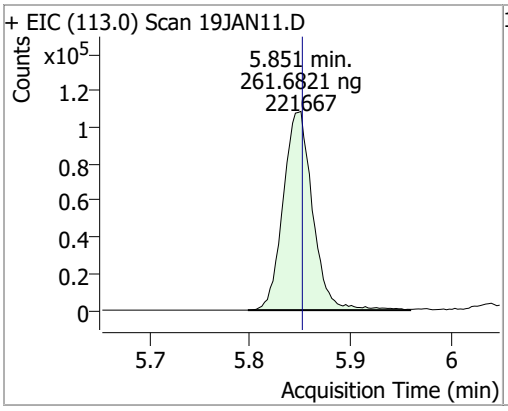
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	264.4318	5.83	0.00	414139	99.0	64.4	33.1	93.1
					61.0	48.6	19.1	79.1

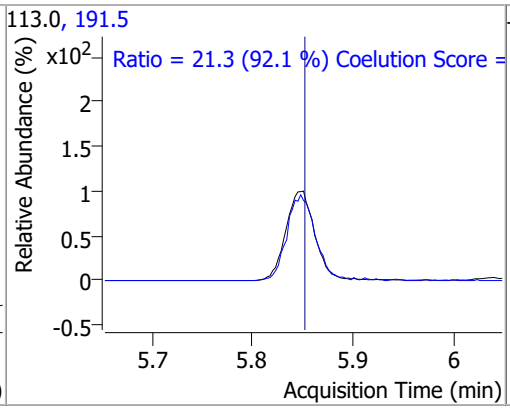


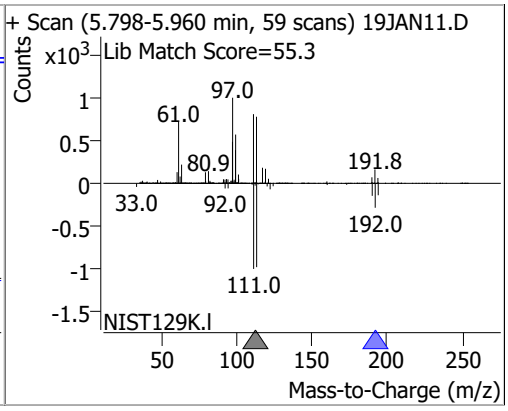




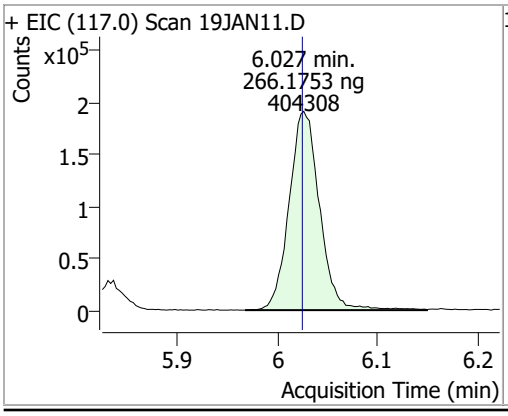
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	261.6821	5.85	0.00	221667	191.5	21.3	0.0	53.2

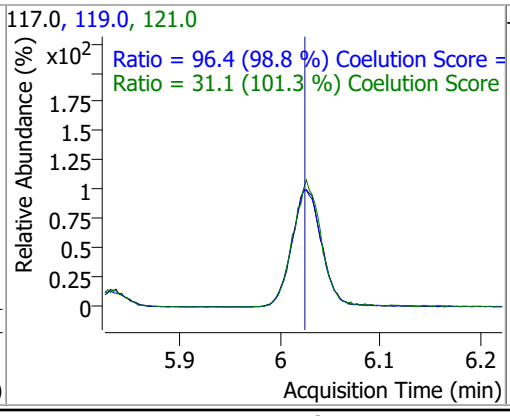


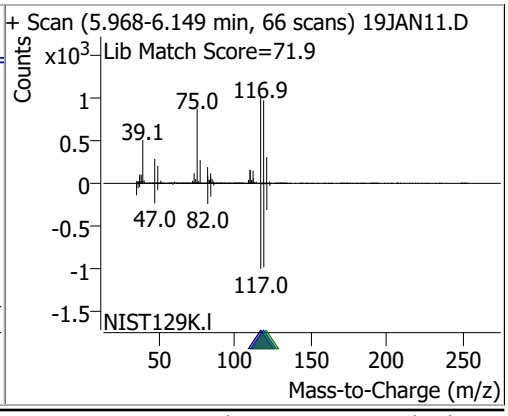




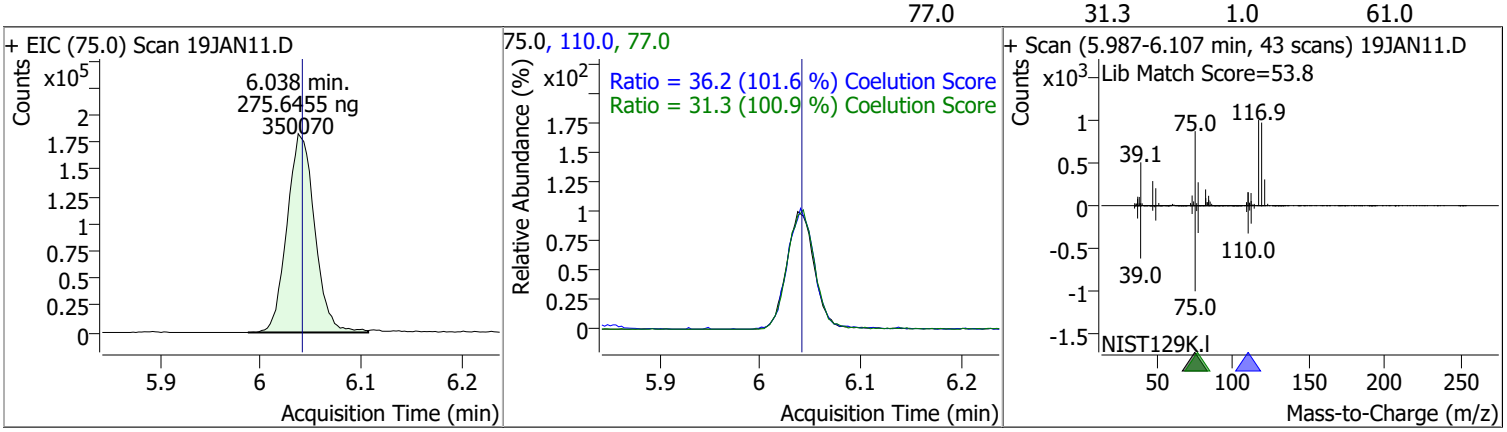
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	266.1753	6.03	0.00	404308	119.0	96.4	67.6	127.6
					121.0	31.1	0.7	60.7



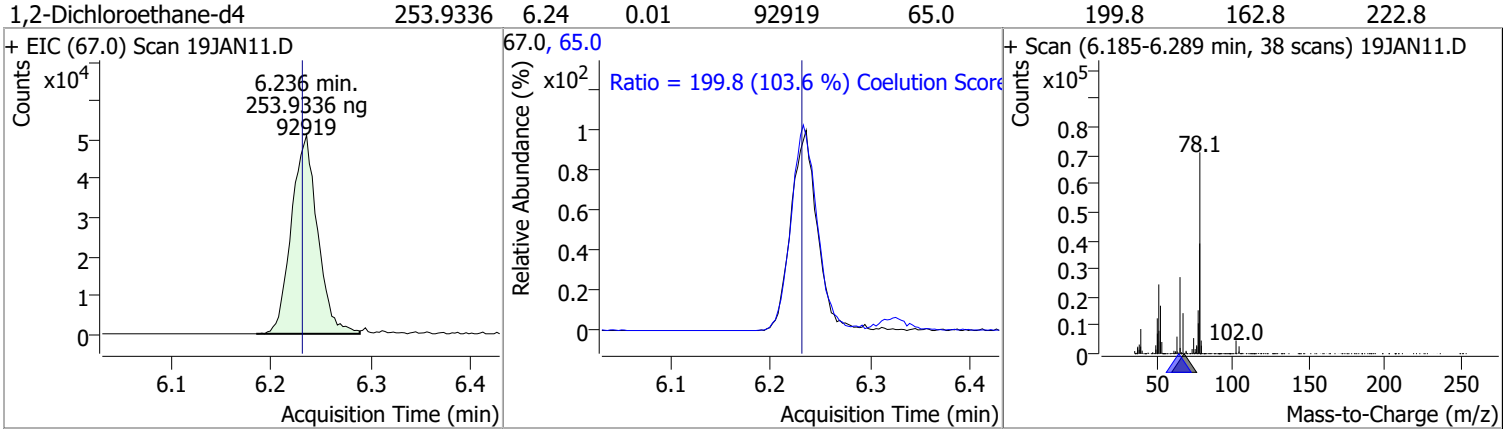




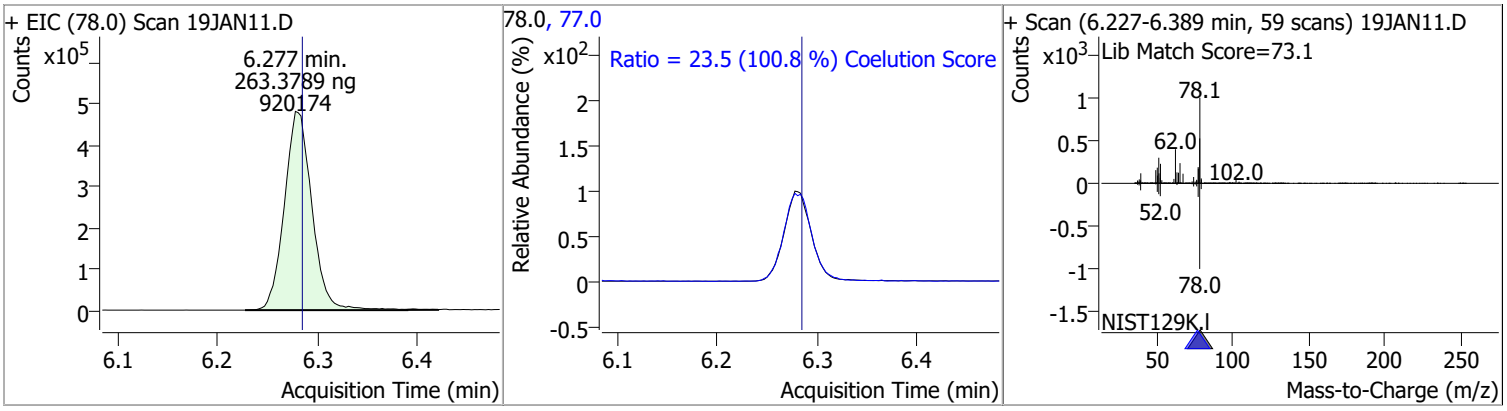
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	275.6455	6.04	0.00	350070	110.0	36.2	5.6	65.6
					77.0	31.3	1.0	61.0



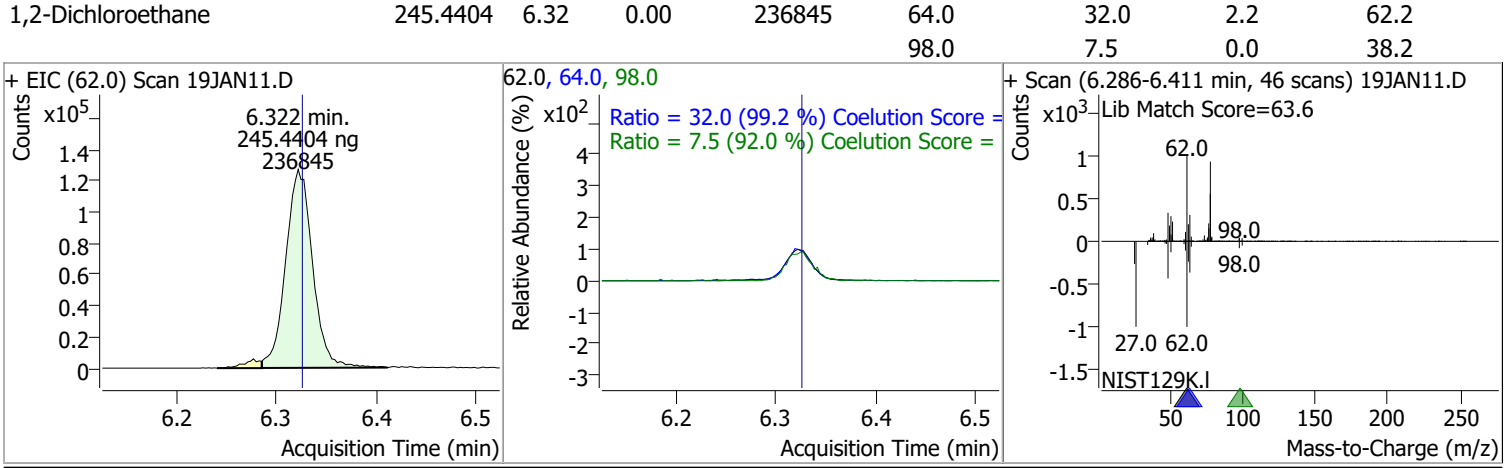
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	253.9336	6.24	0.01	92919	65.0	199.8	162.8	222.8



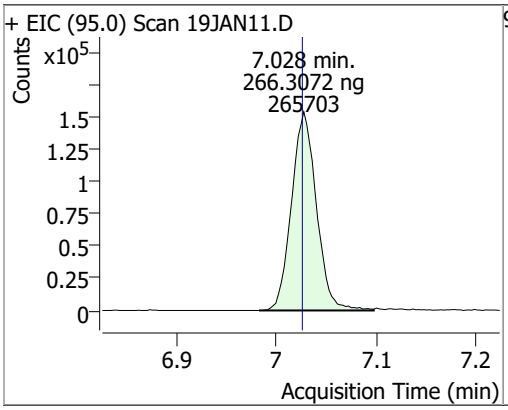
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	263.3789	6.28	-0.01	920174	77.0	23.5	0.0	53.3

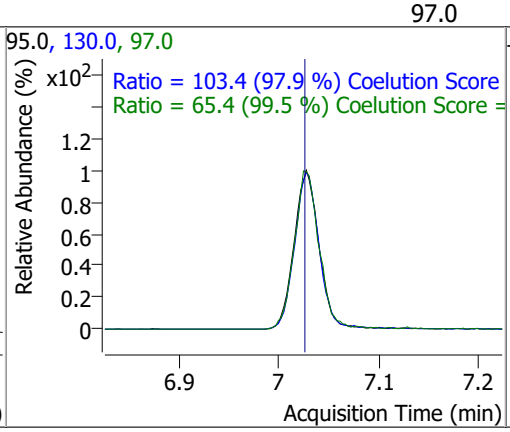


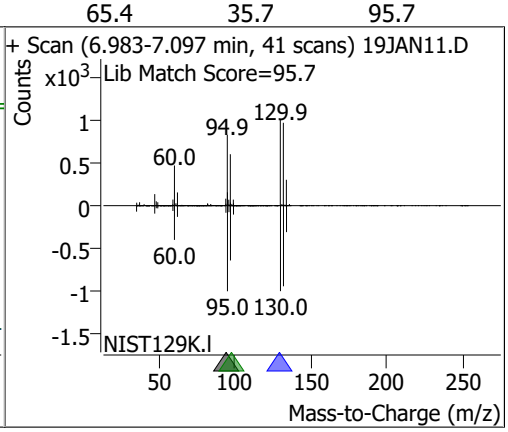
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	245.4404	6.32	0.00	236845	64.0	32.0	2.2	62.2
					98.0	7.5	0.0	38.2



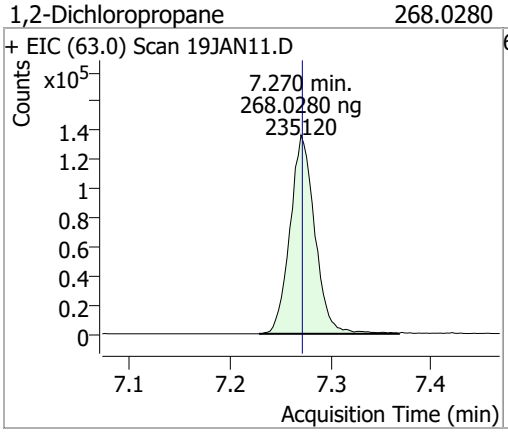
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	266.3072	7.03	0.00	265703	130.0	103.4	75.6	135.6
					97.0	65.4	35.7	95.7

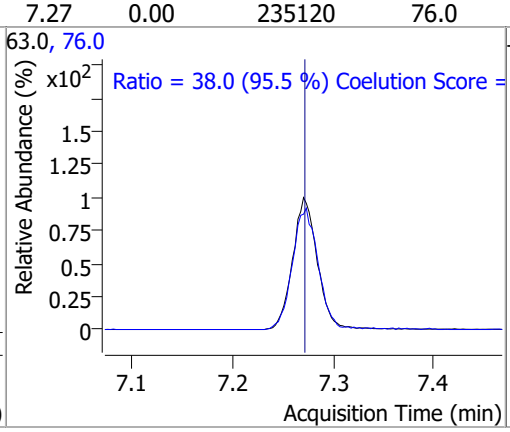


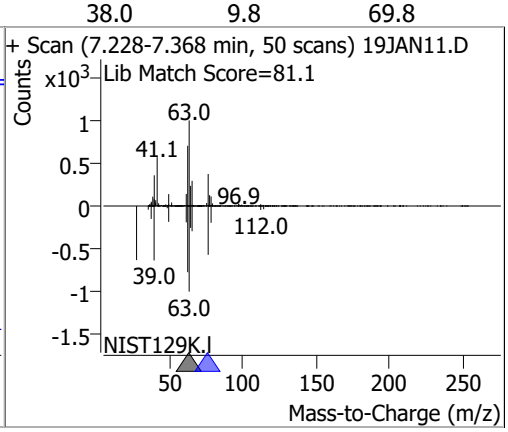




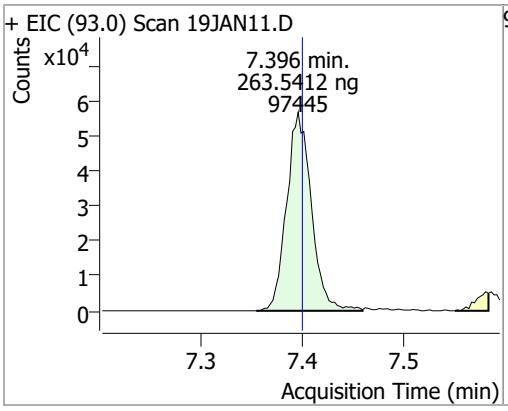
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	268.0280	7.27	0.00	235120	76.0	38.0	9.8	69.8

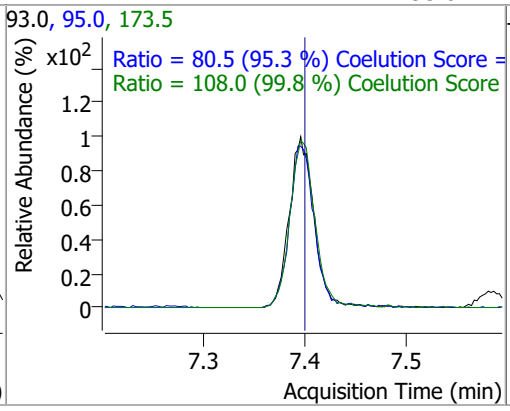


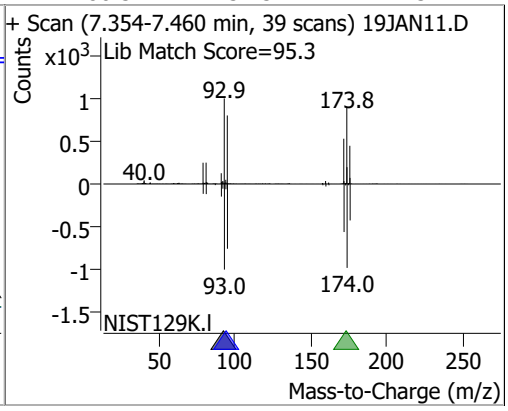




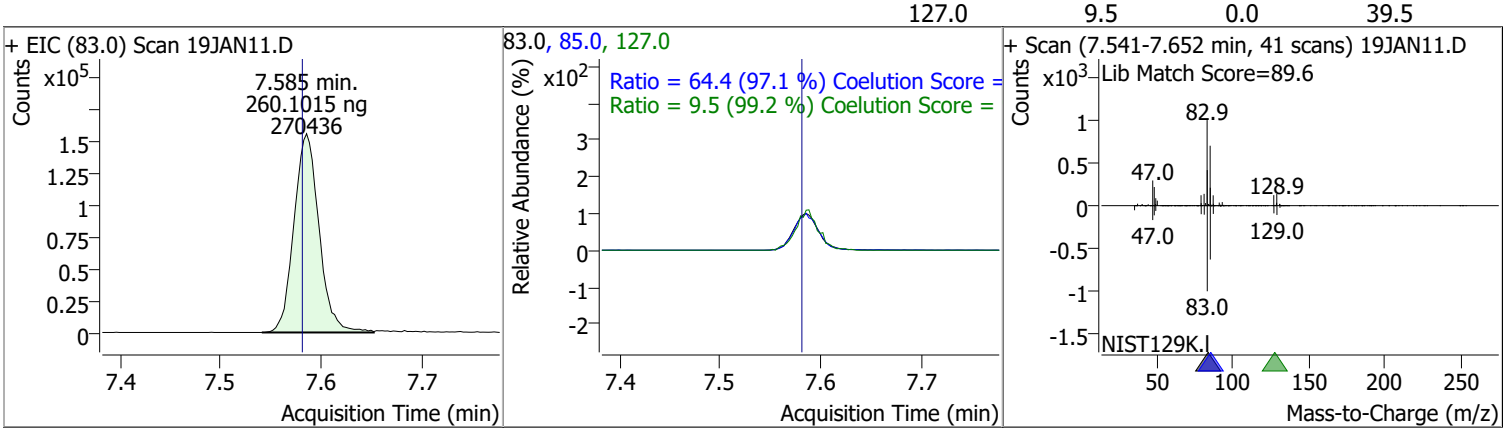
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	263.5412	7.40	0.00	97445	173.5	108.0	78.2	138.2
					95.0	80.5	54.5	114.5



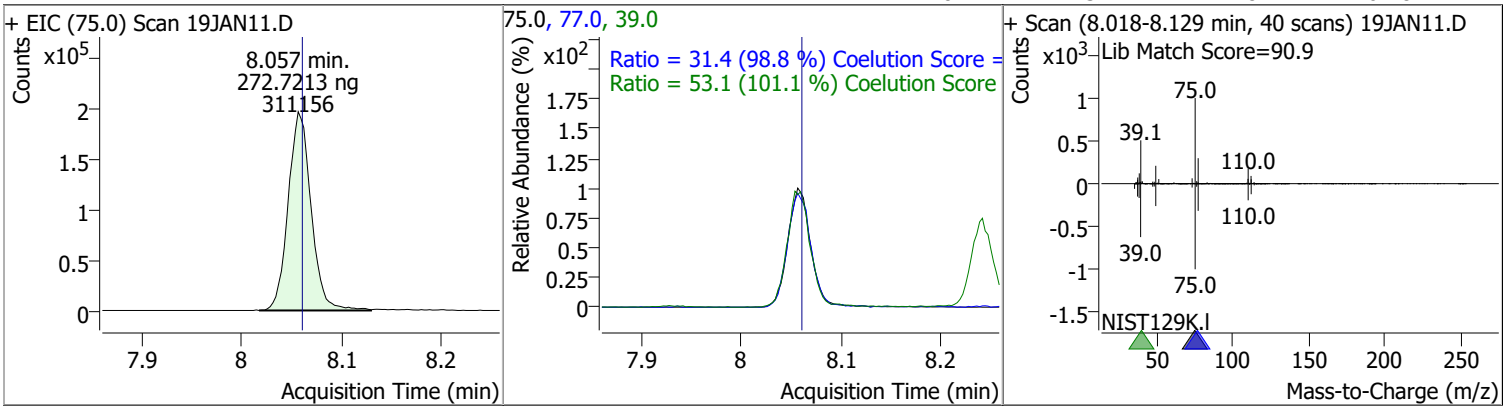




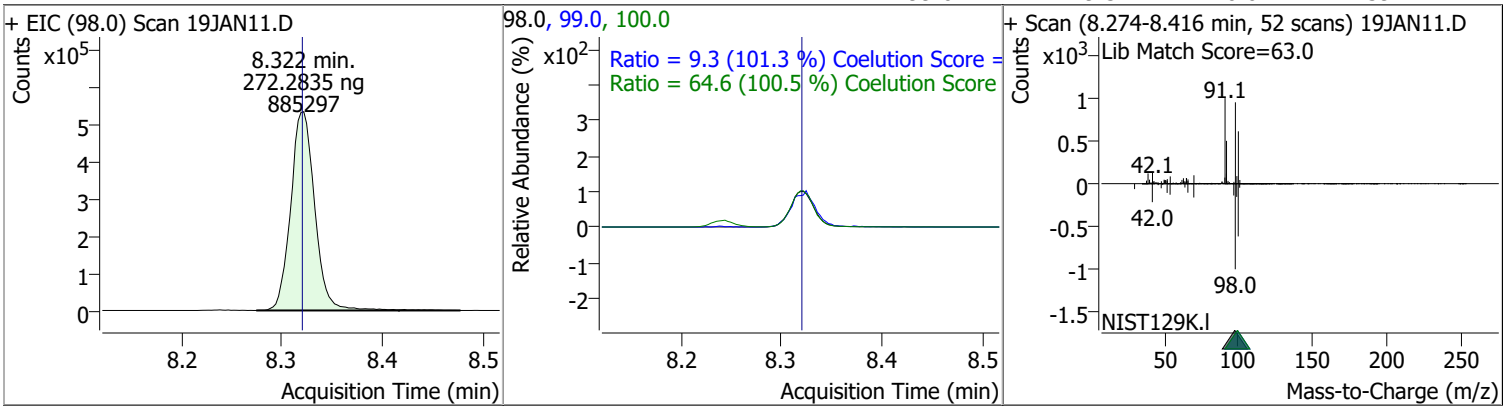
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	260.1015	7.59	0.01	270436	85.0	64.4	36.3	96.3
					127.0	9.5	0.0	39.5



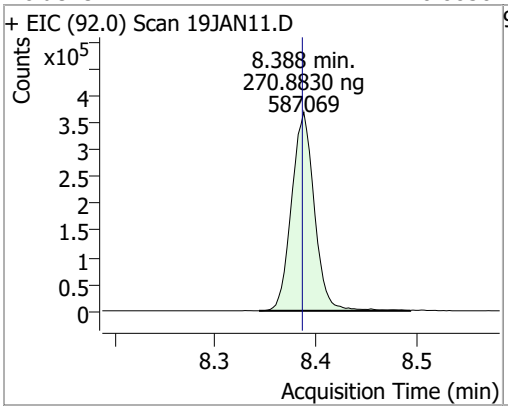
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	272.7213	8.06	0.00	311156	39.0	53.1	22.5	82.5
					77.0	31.4	1.8	61.8

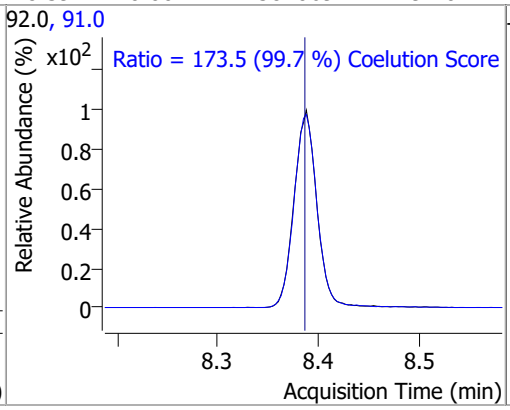


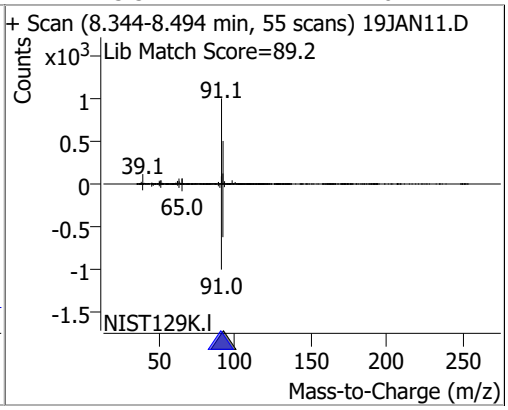
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	272.2835	8.32	0.00	885297	100.0	64.6	34.3	94.3
					99.0	9.3	0.0	39.2



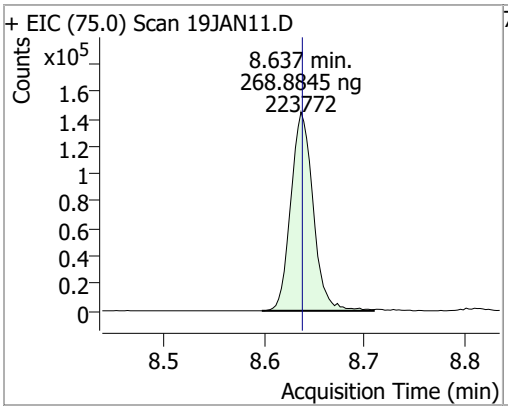
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	270.8830	8.39	0.00	587069	91.0	173.5	144.1	204.1

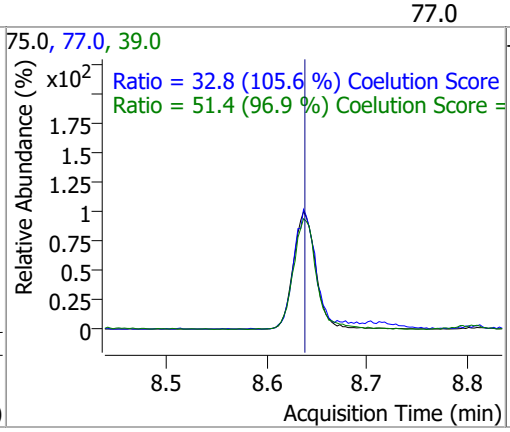


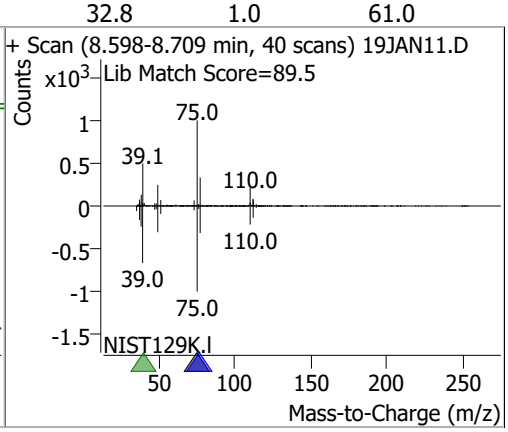




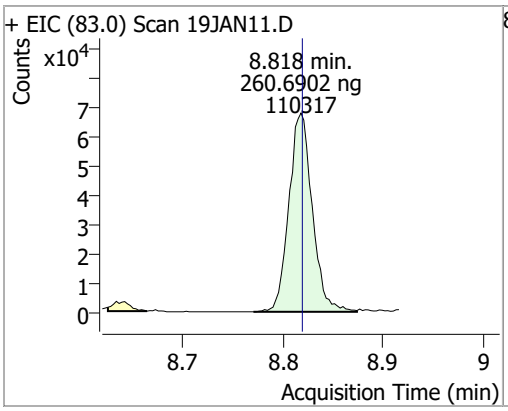
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	268.8845	8.64	0.00	223772	39.0	51.4	23.0	83.0
					77.0	32.8	1.0	61.0

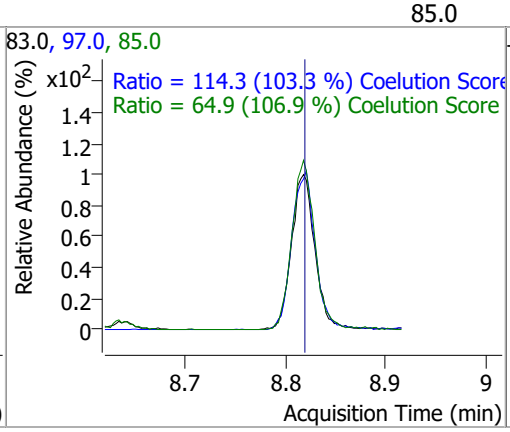


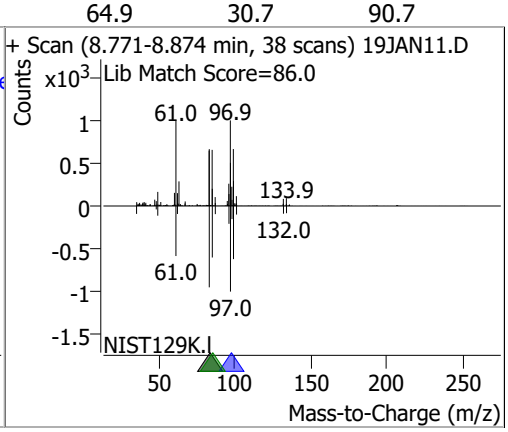




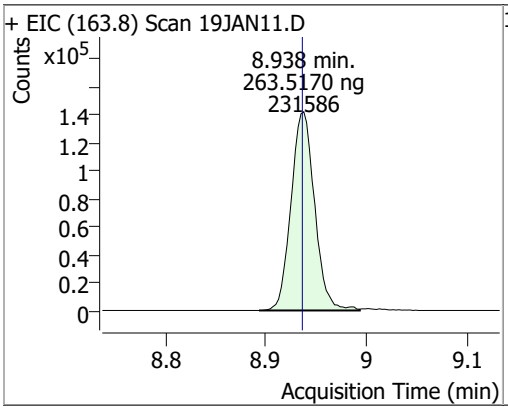
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	260.6902	8.82	0.00	110317	97.0	114.3	80.7	140.7
					85.0	64.9	30.7	90.7

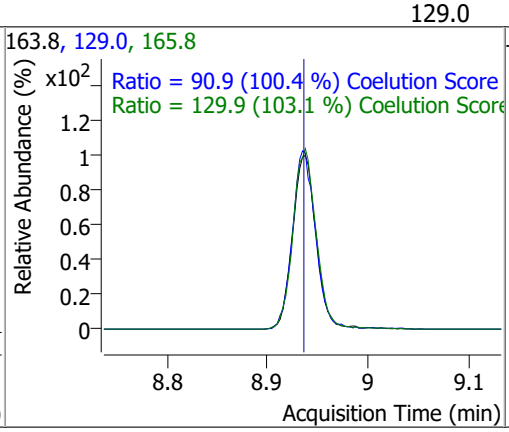


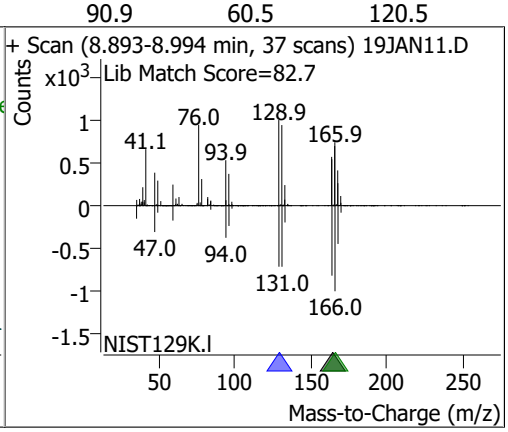




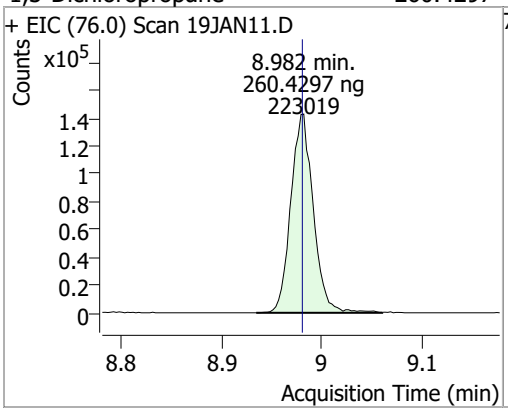
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	263.5170	8.94	0.00	231586	165.8	129.9	96.1	156.1
					129.0	90.9	60.5	120.5

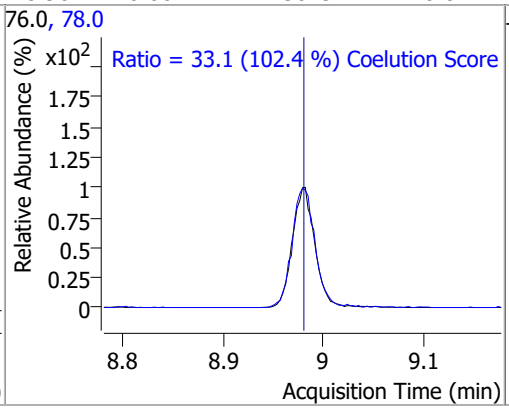


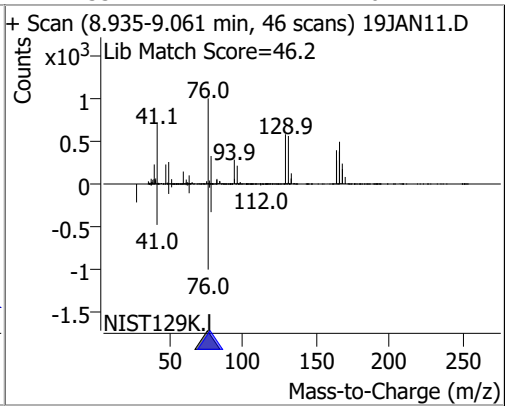




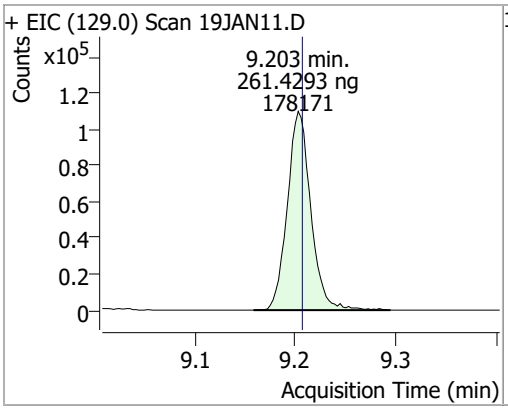
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	260.4297	8.98	0.00	223019	78.0	33.1	2.4	62.4

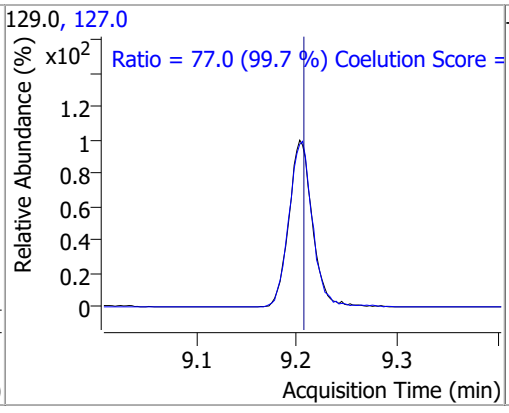


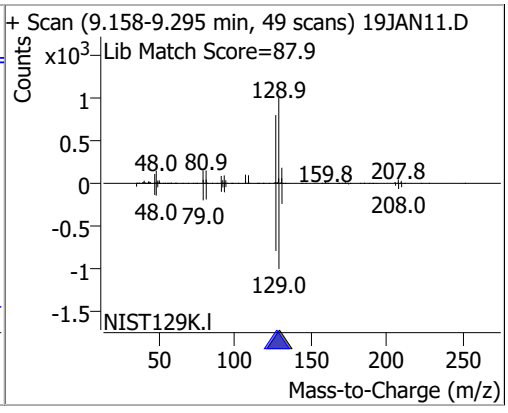




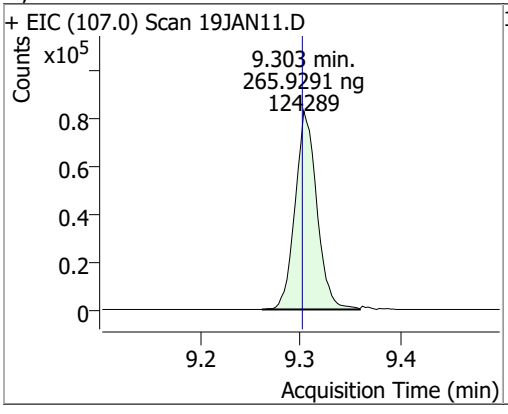
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	261.4293	9.20	0.00	178171	127.0	77.0	47.2	107.2

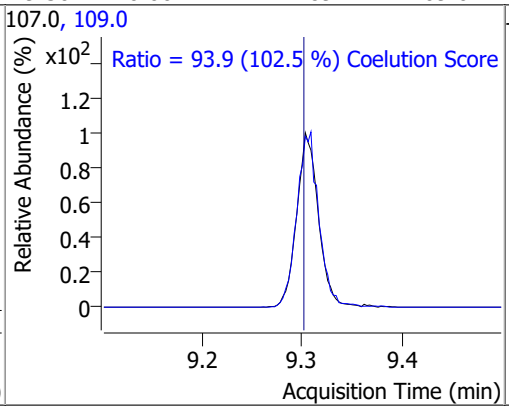


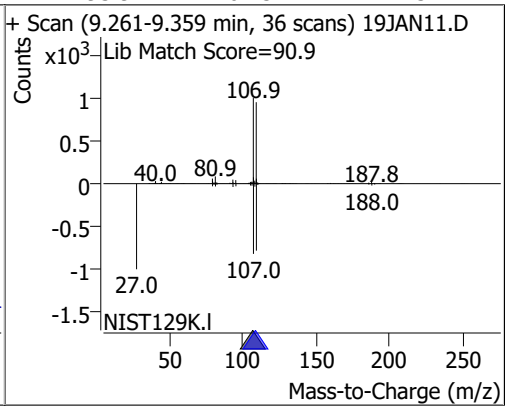




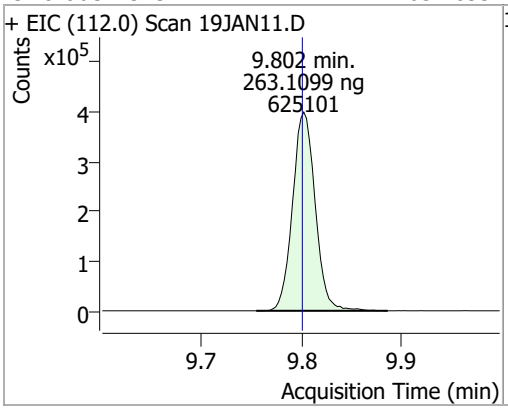
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	265.9291	9.30	0.00	124289	109.0	93.9	61.5	121.5

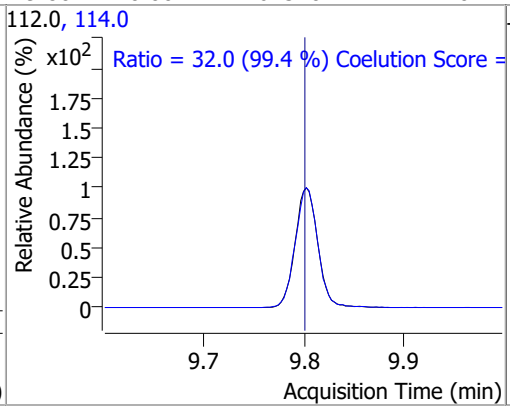


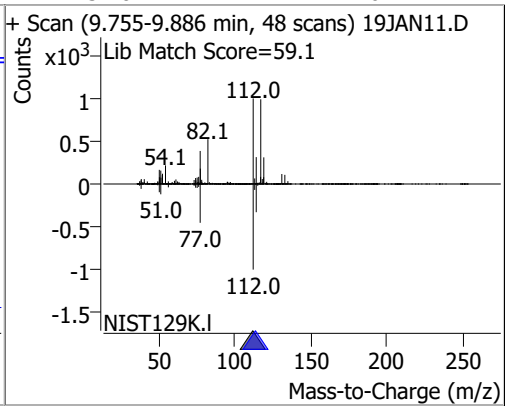




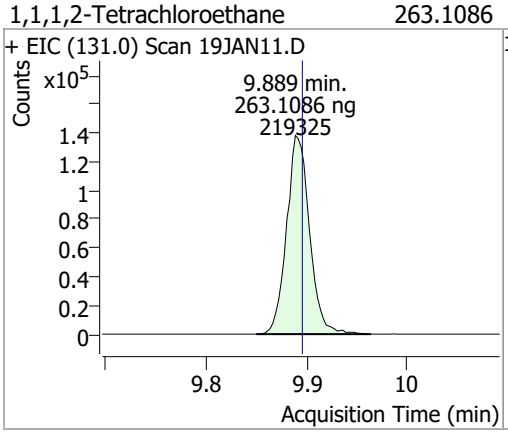
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	263.1099	9.80	0.00	625101	114.0	32.0	2.2	62.2

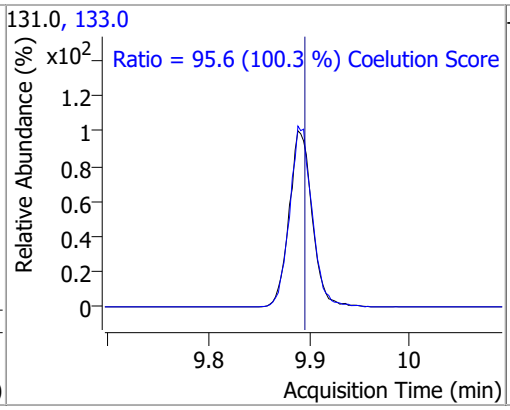


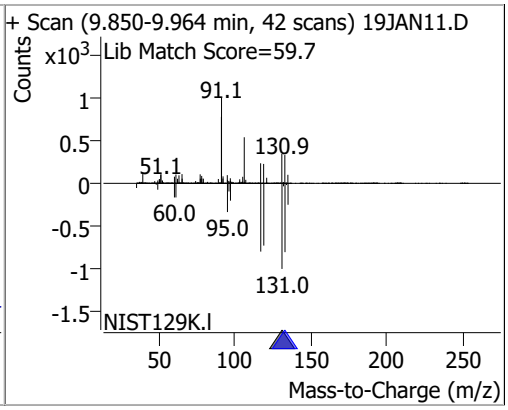




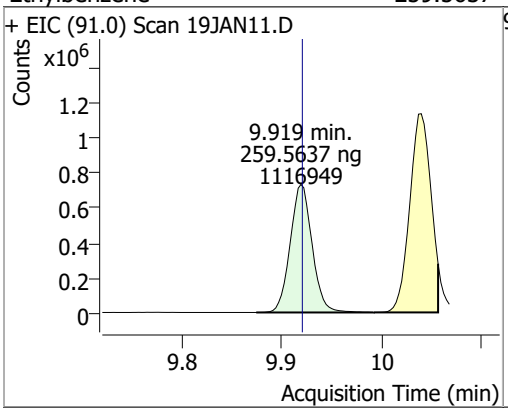
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	263.1086	9.89	-0.01	219325	133.0	95.6	65.3	125.3

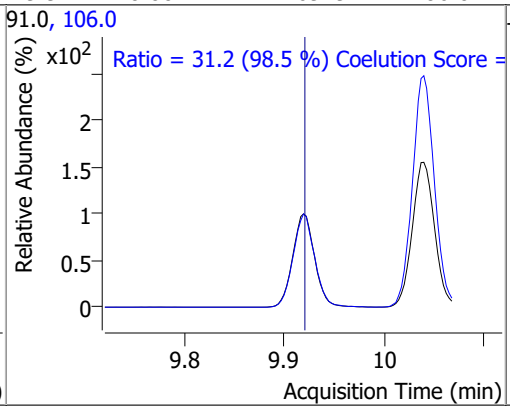


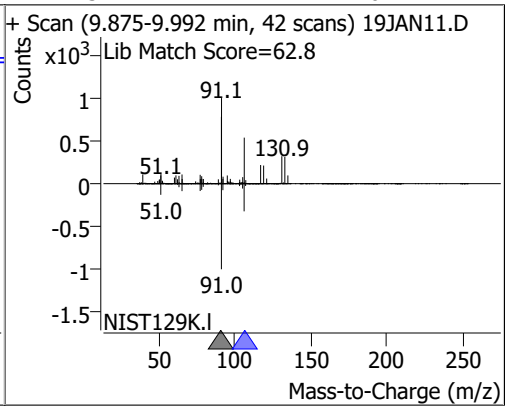




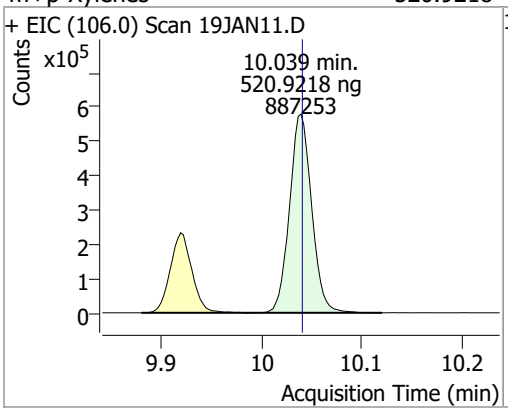
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	259.5637	9.92	0.00	1116949	106.0	31.2	1.7	61.7

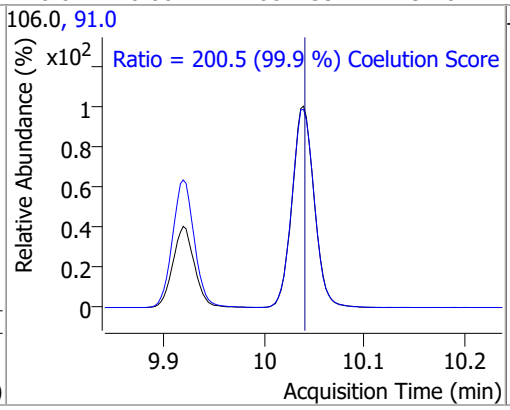


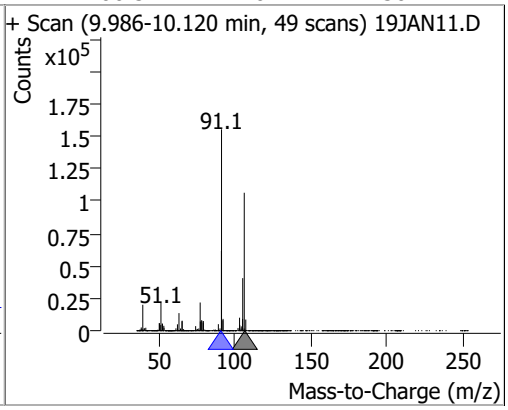




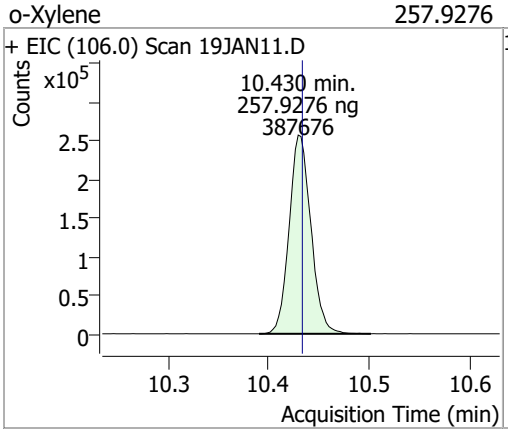
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	520.9218	10.04	0.00	887253	91.0	200.5	170.7	230.7

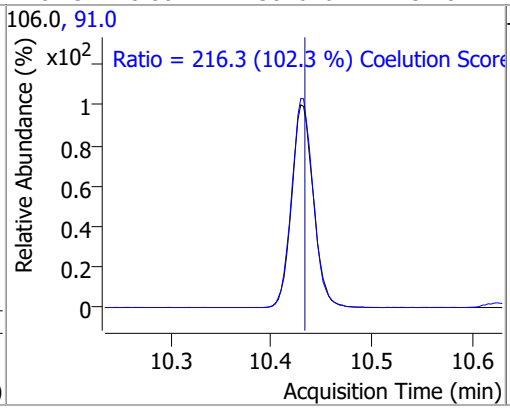


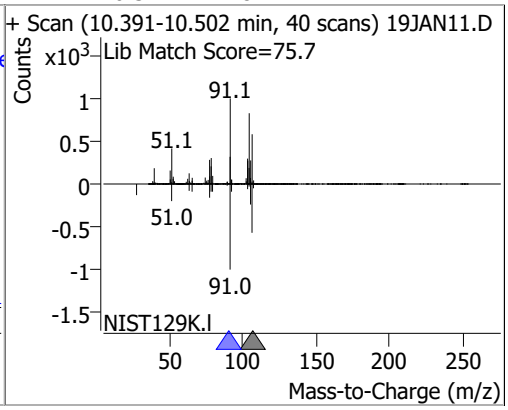




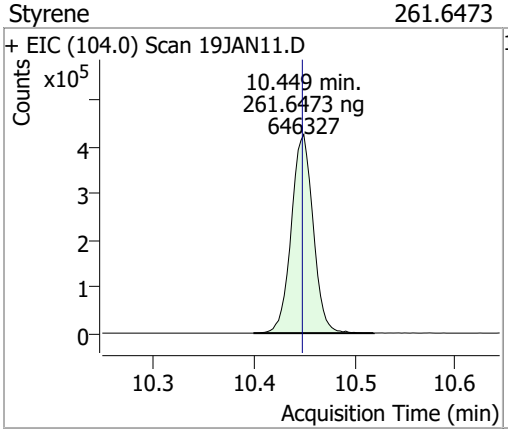
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	257.9276	10.43	0.00	387676	91.0	216.3	181.4	241.4

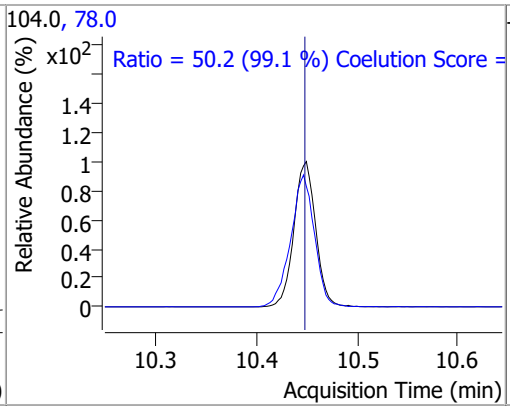


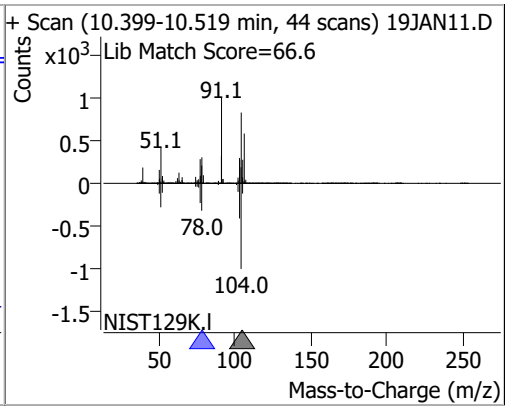




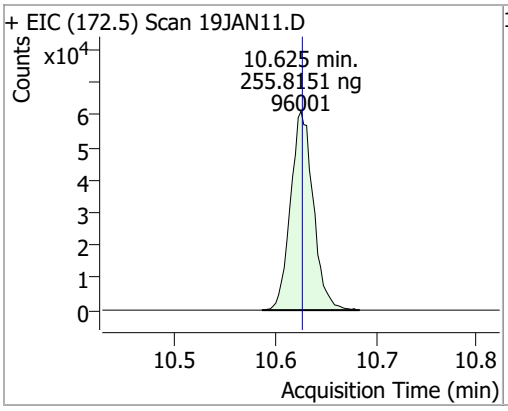
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	261.6473	10.45	0.00	646327	78.0	50.2	20.6	80.6

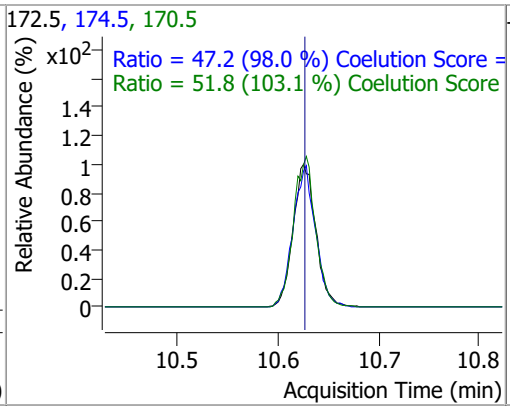


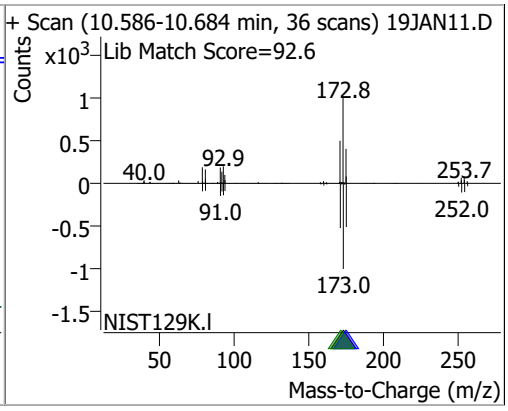




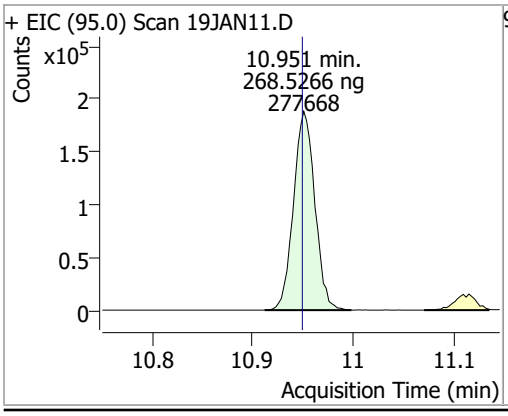
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	255.8151	10.62	0.00	96001	170.5	51.8	20.3	80.3
					174.5	47.2	18.1	78.1

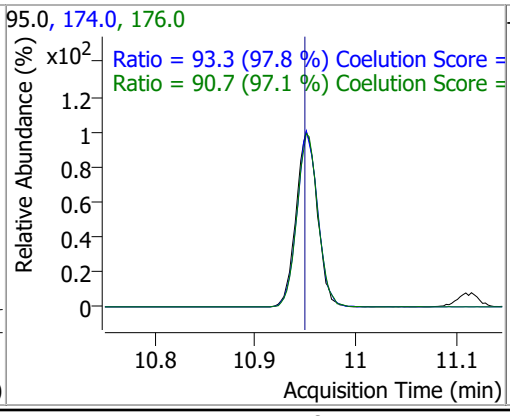


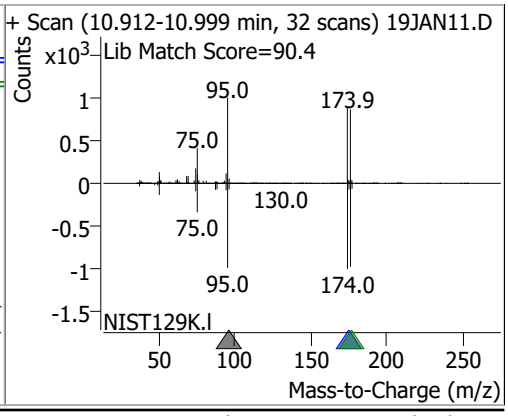




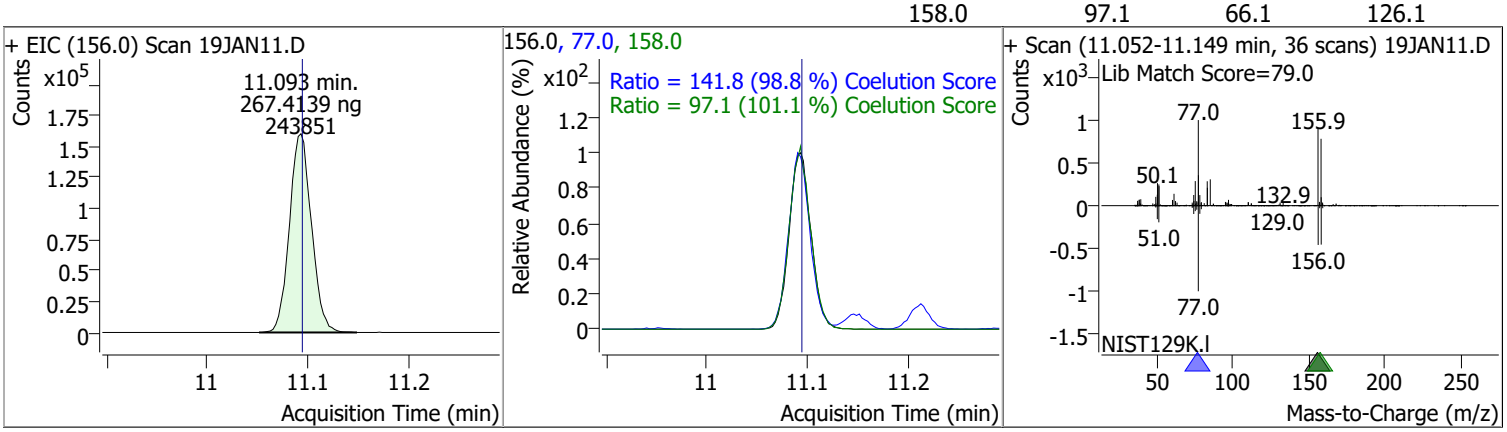
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	268.5266	10.95	0.00	277668	174.0	93.3	65.3	125.3
					176.0	90.7	63.3	123.3



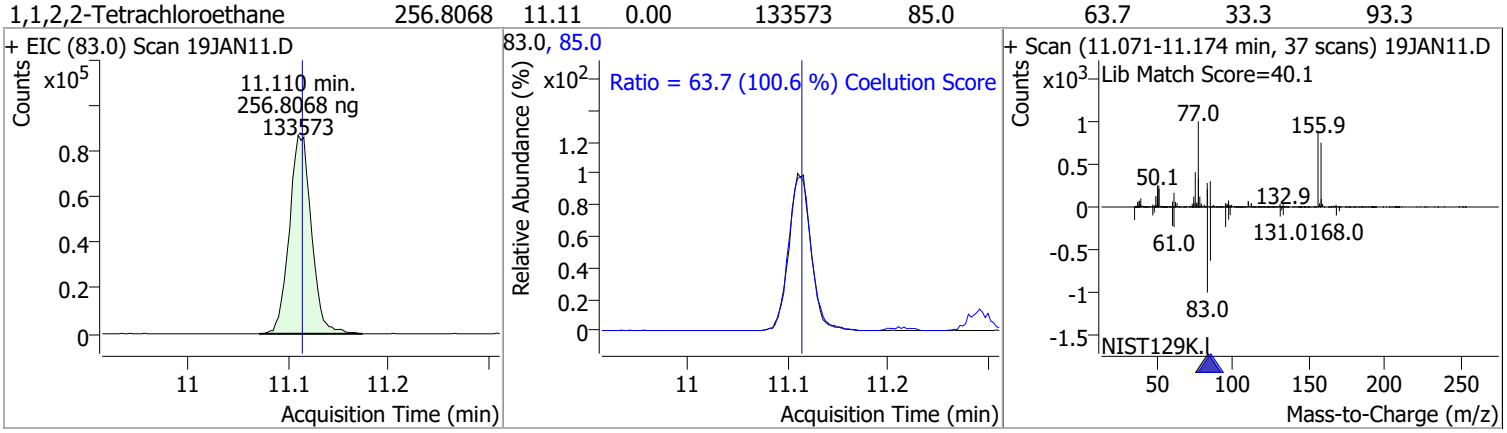




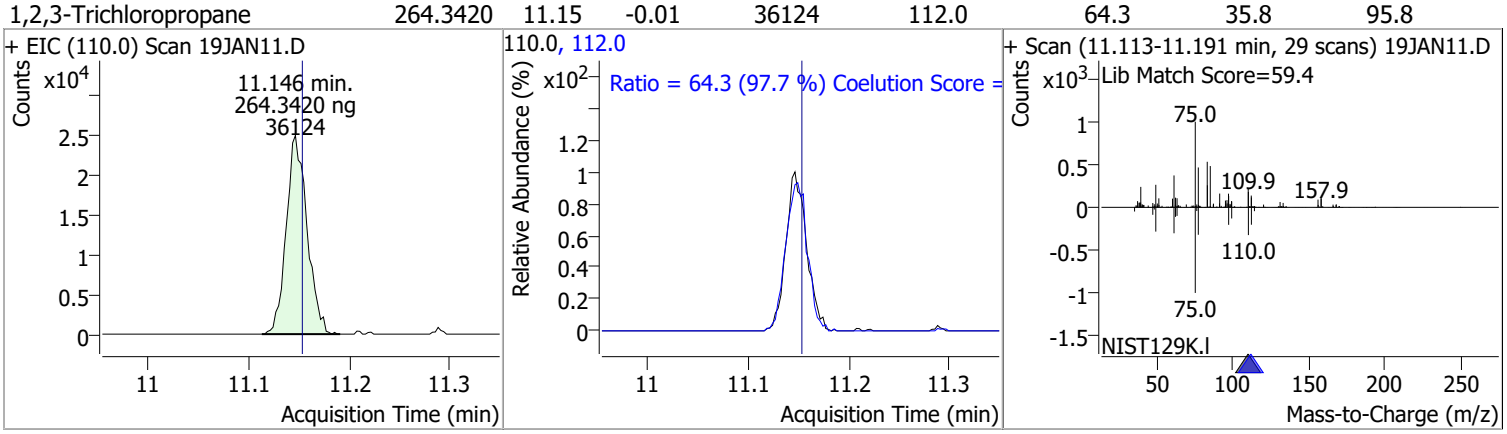
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	267.4139	11.09	0.00	243851	77.0	141.8	113.5	173.5
					158.0	97.1	66.1	126.1



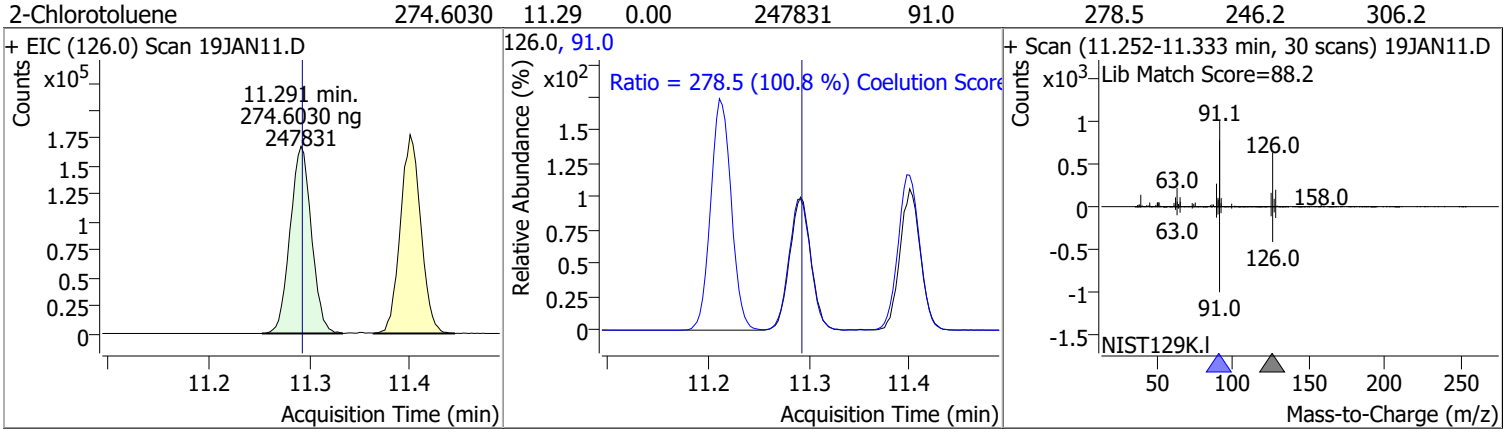
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	256.8068	11.11	0.00	133573	85.0	63.7	33.3	93.3



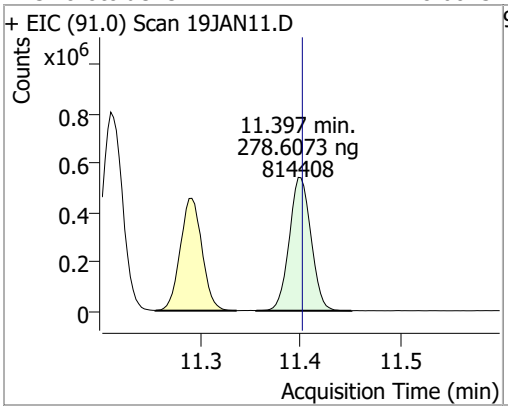
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	264.3420	11.15	-0.01	36124	112.0	64.3	35.8	95.8

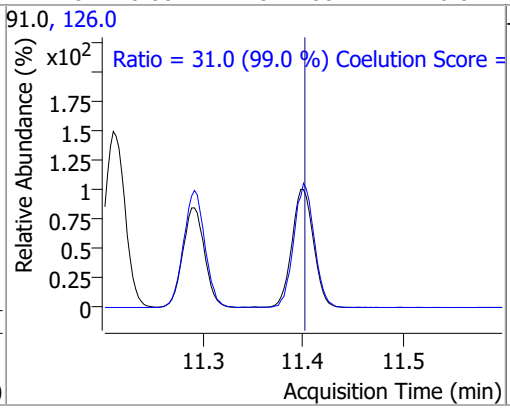


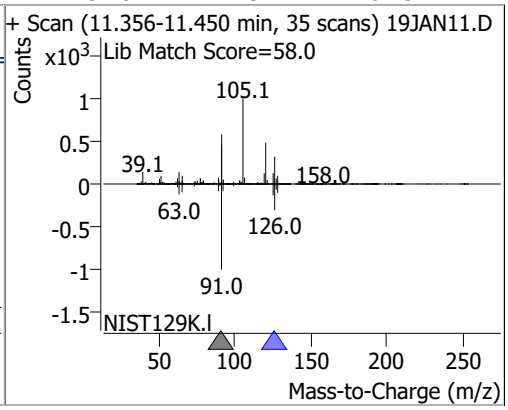
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	274.6030	11.29	0.00	247831	91.0	278.5	246.2	306.2



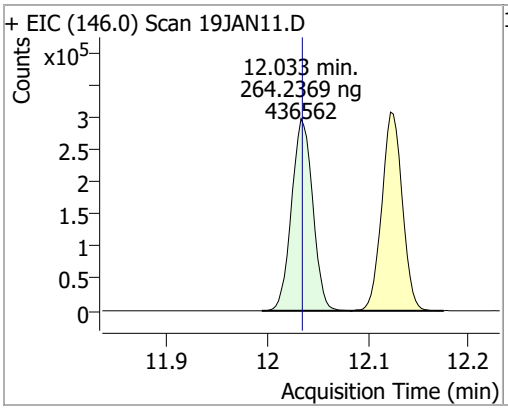
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	278.6073	11.40	0.00	814408	126.0	31.0	1.3	61.3

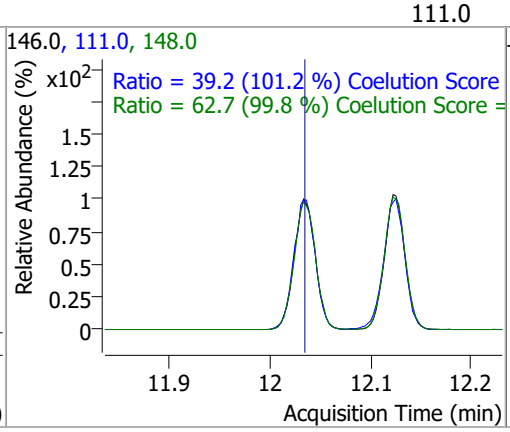


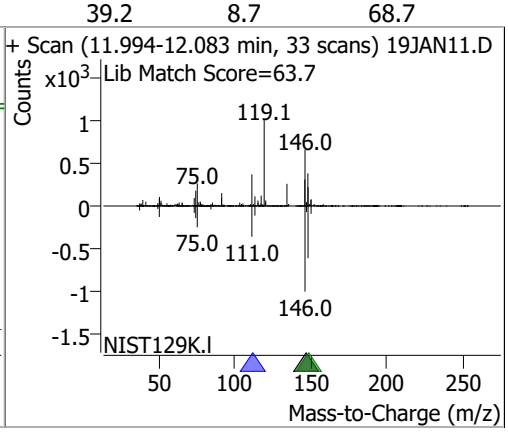




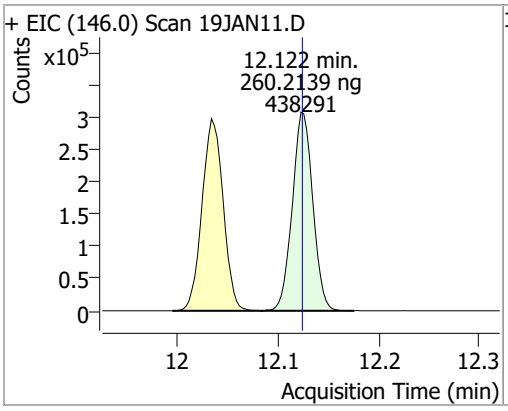
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	264.2369	12.03	0.00	436562	148.0	62.7	32.8	92.8
					111.0	39.2	8.7	68.7

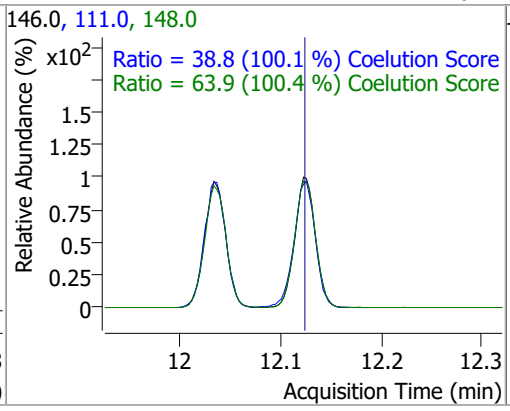


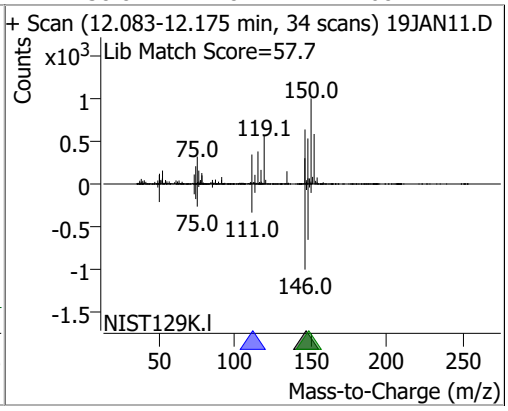




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	260.2139	12.12	0.00	438291	148.0	63.9	33.7	93.7
					111.0	38.8	8.7	68.7

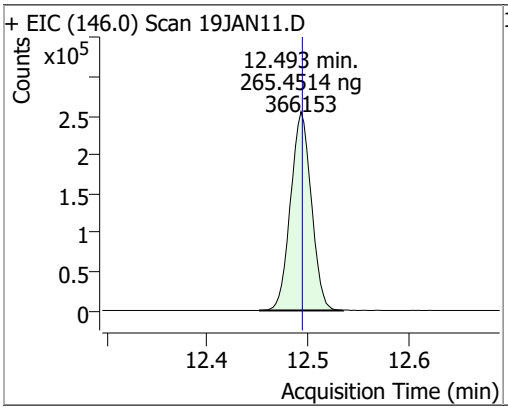


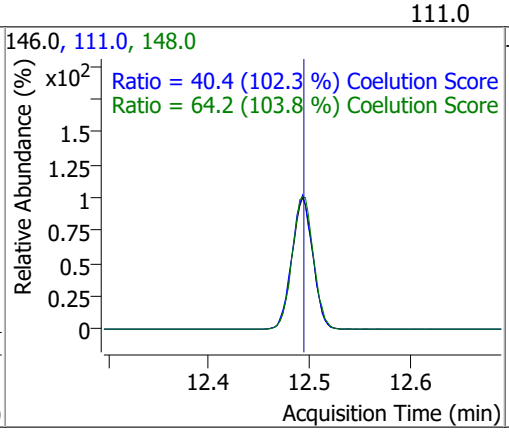


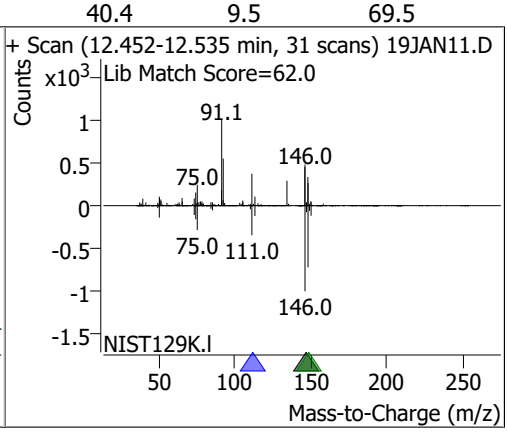


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	265.4514	12.49	0.00	366153	148.0	64.2	31.9	91.9
					111.0	40.4	9.5	69.5







Quantitation Results Report (QT Reviewed)

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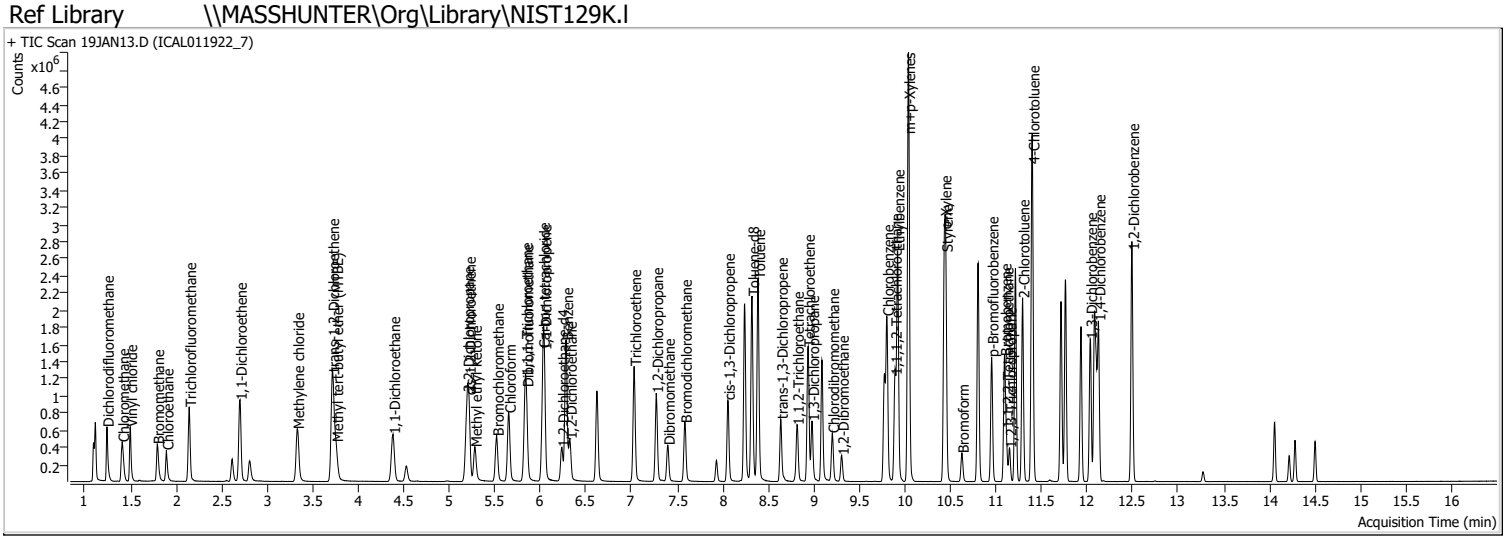
Data File	19JAN13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 2:53:18 PM
Sample Name	ICAL011922_7	Instrument	VOA5975C
Vial	13	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

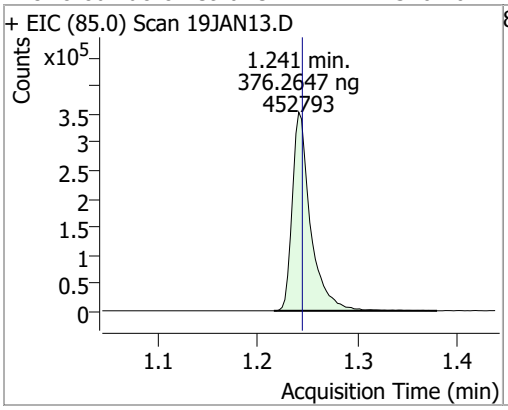


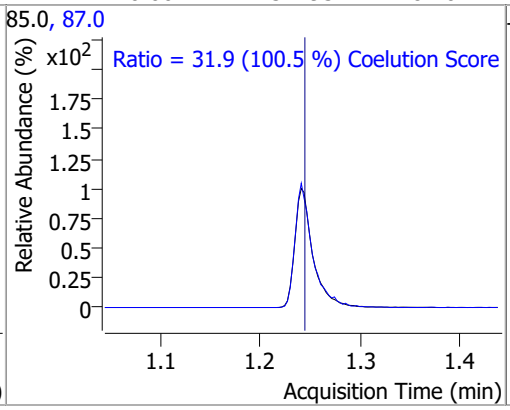
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.618	96.0	894962	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	333736	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	286959	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	325687	375.7157	ng		-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 150.29%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	139362	372.1740	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 148.87%		*	
S Toluene-d8	8.322	98.0	1329503	408.3346	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 163.33%		*	
S p-Bromofluorobenzene	10.951	95.0	415878	392.5157	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 157.01%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	452793	376.2647	ng		100
T Chloromethane	1.408	50.0	529250	373.5581	ng		100
T Vinyl chloride	1.498	62.0	479607	371.9021	ng		99
T Bromomethane	1.793	96.0	235754	380.3767	ng		96
T Chloroethane	1.894	64.0	233233	382.2662	ng		97
T Trichlorofluoromethane	2.145	101.0	569126	368.0290	ng		98
T 1,1-Dichloroethene	2.700	96.0	344045	382.3544	ng		98
T Methylene chloride	3.330	49.0	470733	359.8205	ng		99
T trans-1,2-Dichloroethene	3.715	96.0	355984	382.9648	ng		100
T Methyl tert-butyl ether (MTBE)	3.757	73.0	452747	389.6885	ng		100
T 1,1-Dichloroethane	4.381	63.0	658287	378.3961	ng		99
T 2,2-Dichloropropane	5.195	77.0	501019	382.1537	ng		96
T cis-1,2-Dichloroethene	5.215	96.0	369412	392.4995	ng		97
T Methyl ethyl ketone	5.279	43.0	538796	3961.2871	ng		98
T Bromochloromethane	5.519	128.0	147182	379.2795	ng		98
T Chloroform	5.653	83.0	641596	369.3654	ng		98

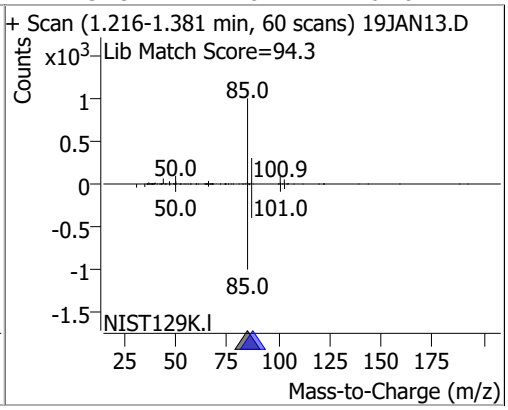
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	616756	384.8283	ng	99
T Carbon tetrachloride	6.026	117.0	604305	388.7744	ng	99
T 1,1-Dichloropropene	6.043	75.0	531739	409.1480	ng	99
T Benzene	6.280	78.0	1403257	392.4951	ng	100
T 1,2-Dichloroethane	6.322	62.0	368750	373.4220	ng	96
T Trichloroethene	7.028	95.0	399934	400.2849	ng	99
T 1,2-Dichloropropane	7.270	63.0	352771	401.5854	ng	98
T Dibromomethane	7.396	93.0	143756	388.2481	ng	99
T Bromodichloromethane	7.583	83.0	408420	392.2653	ng	98
T cis-1,3-Dichloropropene	8.057	75.0	471983	413.1062	ng	99
T Toluene	8.388	92.0	890126	410.1461	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	345161	414.1677	ng	95
T 1,1,2-Trichloroethane	8.815	83.0	167409	395.0532	ng	98
T Tetrachloroethene	8.935	163.8	346235	393.4248	ng	98
T 1,3-Dichloropropane	8.980	76.0	339654	396.0772	ng	99
T Chlorodibromomethane	9.203	129.0	269032	394.1991	ng	99
T 1,2-Dibromoethane	9.306	107.0	184921	395.1062	ng	98
T Chlorobenzene	9.799	112.0	945250	397.3088	ng	100
T 1,1,1,2-Tetrachloroethane	9.889	131.0	329822	395.1127	ng	99
T Ethylbenzene	9.919	91.0	1697682	381.4483	ng	99
T m+p-Xylenes	10.037	106.0	1334216	762.4509	ng	99
T o-Xylene	10.433	106.0	598606	384.0157	ng	99
T Styrene	10.449	104.0	973131	382.7382	ng	100
T Bromoform	10.625	172.5	143943	374.3438	ng	98
T Bromobenzene	11.093	156.0	361843	387.2660	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	199230	373.8283	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	52732	376.5948	ng	95
T 2-Chlorotoluene	11.291	126.0	365790	395.5589	ng	95
T 4-Chlorotoluene	11.400	91.0	1209058	403.6708	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	652775	385.6033	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	656962	380.6606	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	546389	386.5930	ng	98

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

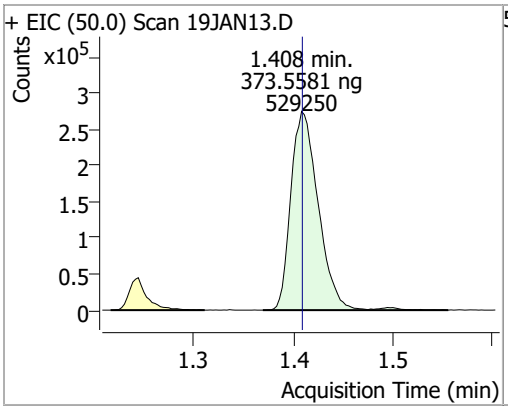
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	376.2647	1.24	0.00	452793	87.0	31.9	1.8	61.8

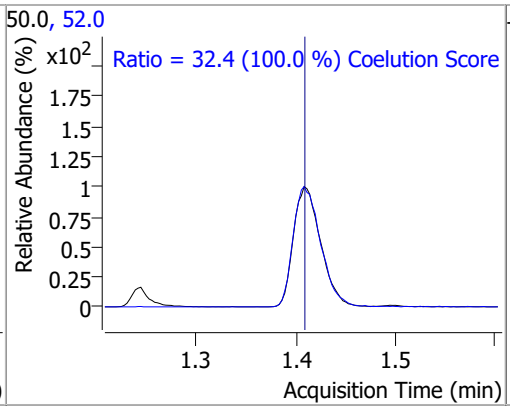


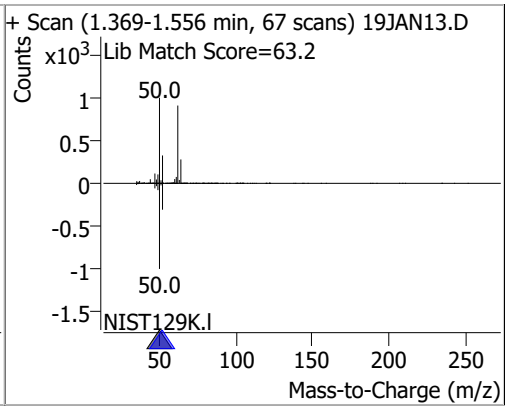




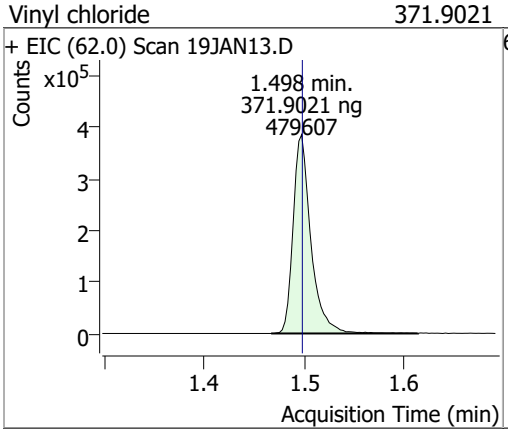
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	373.5581	1.41	0.00	529250	52.0	32.4	2.4	62.4

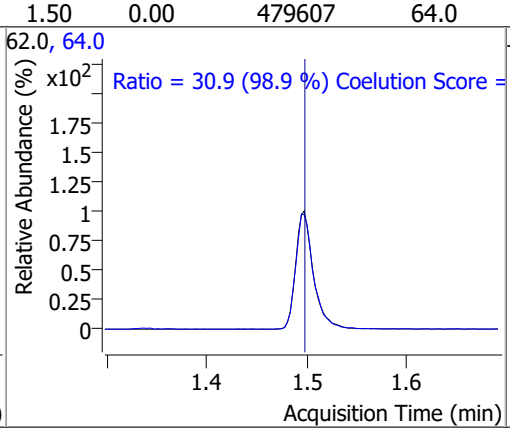


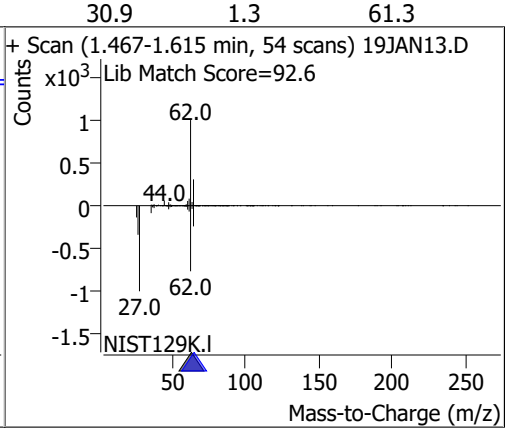




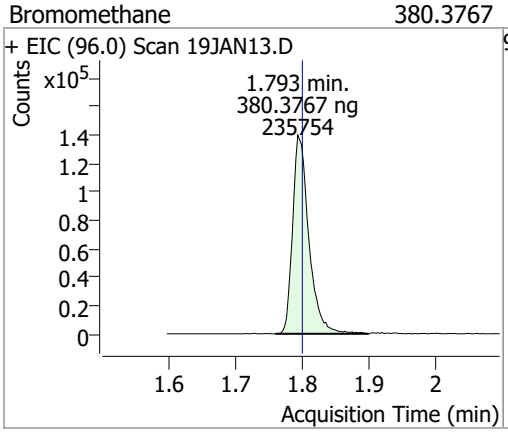
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	371.9021	1.50	0.00	479607	64.0	30.9	1.3	61.3

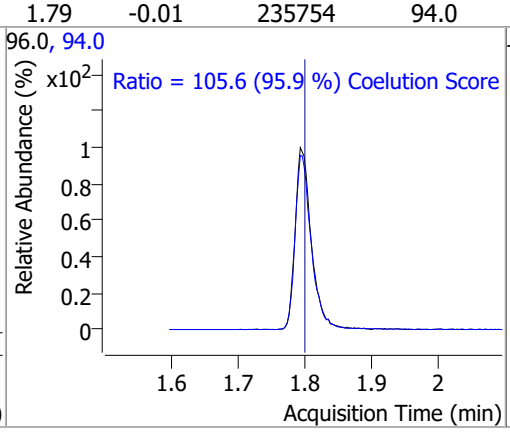


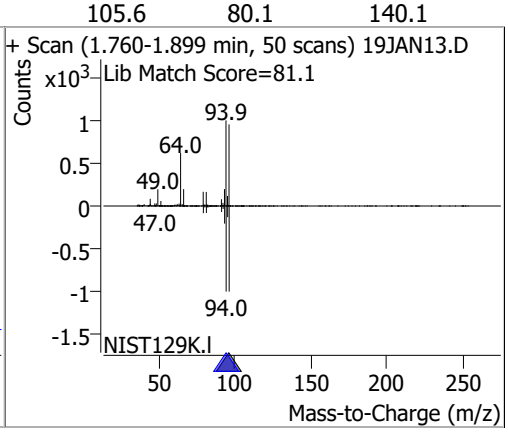




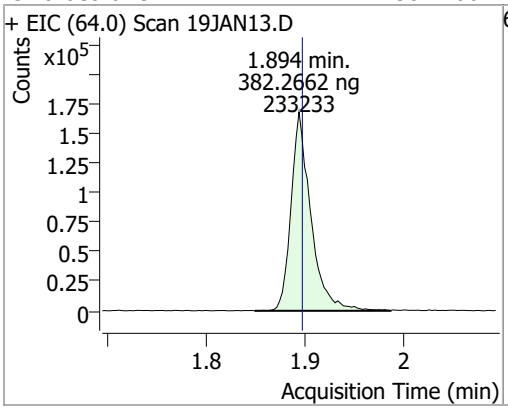
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	380.3767	1.79	-0.01	235754	94.0	105.6	80.1	140.1

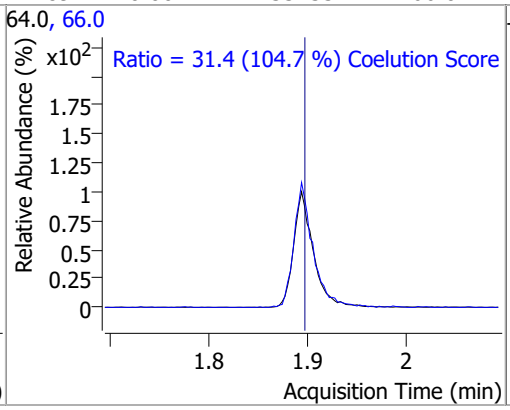


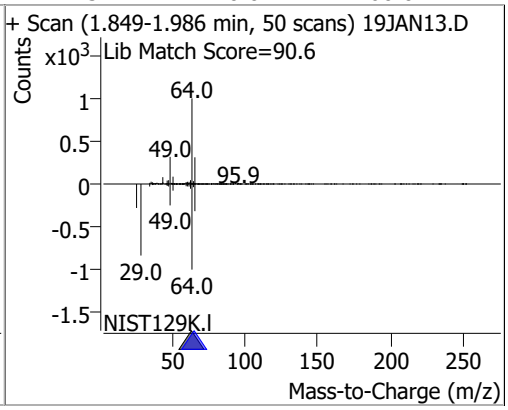




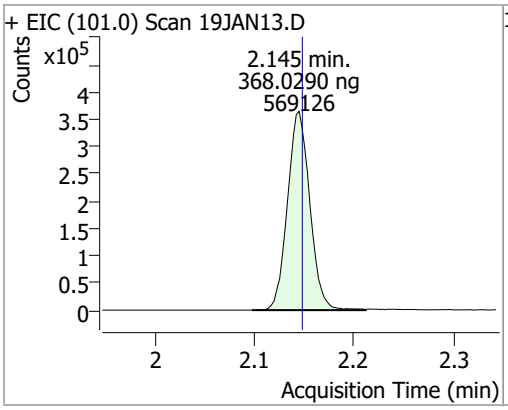
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	382.2662	1.89	0.00	233233	66.0	31.4	0.0	60.0

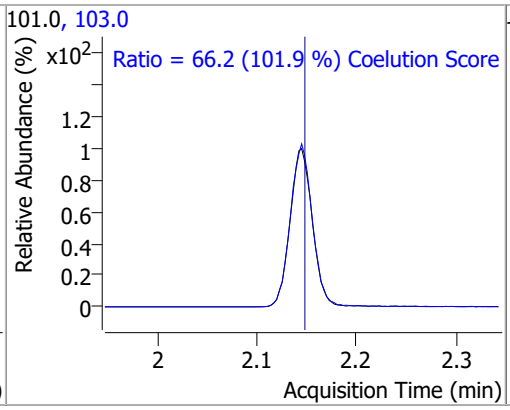


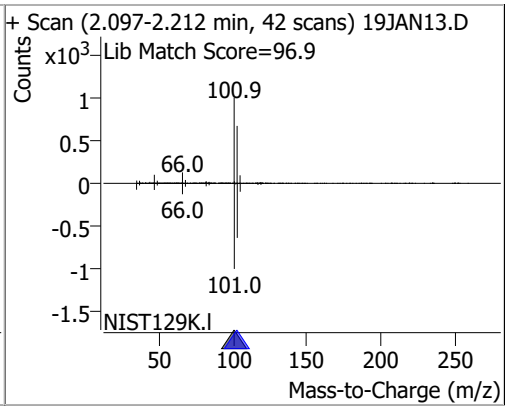




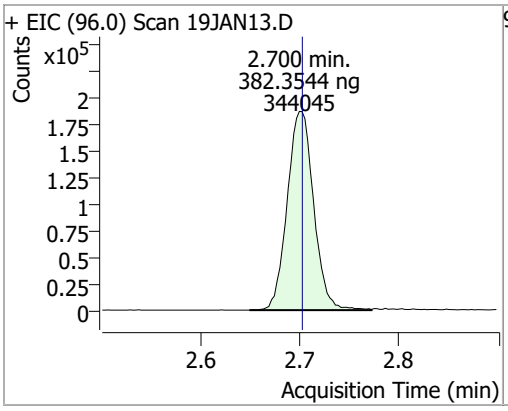
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	368.0290	2.14	0.00	569126	103.0	66.2	35.0	95.0

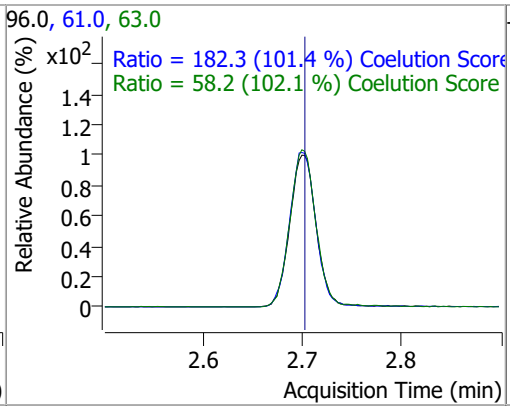


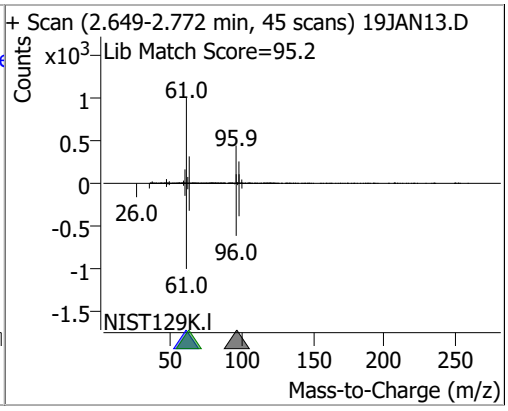




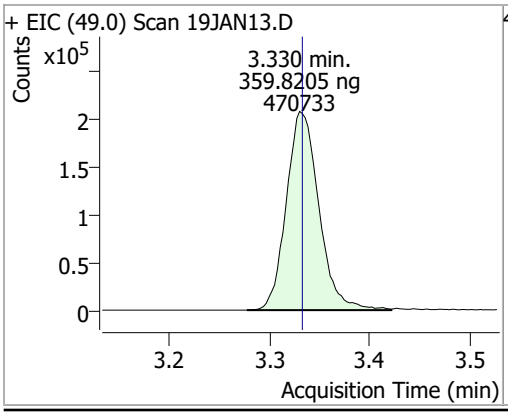
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	382.3544	2.70	0.00	344045	61.0	182.3	149.9	209.9
					63.0	58.2	27.0	87.0

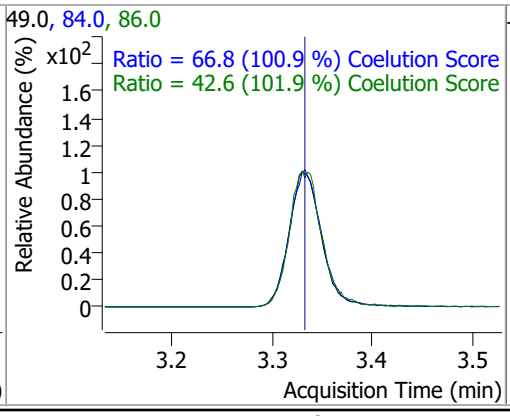


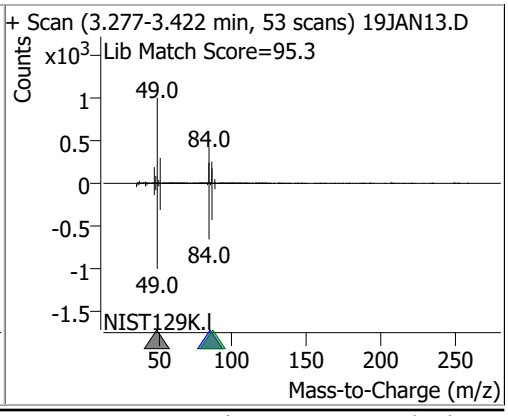




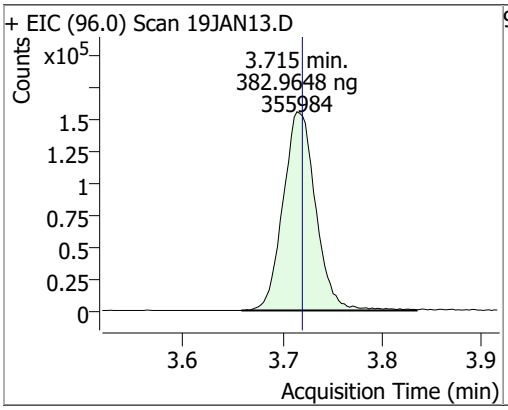
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	359.8205	3.33	0.00	470733	84.0	66.8	36.1	96.1
					86.0	42.6	11.8	71.8

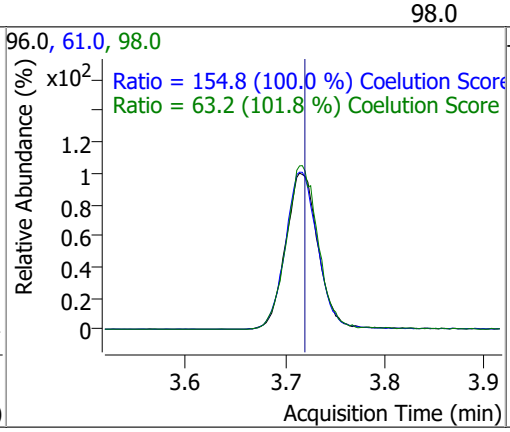


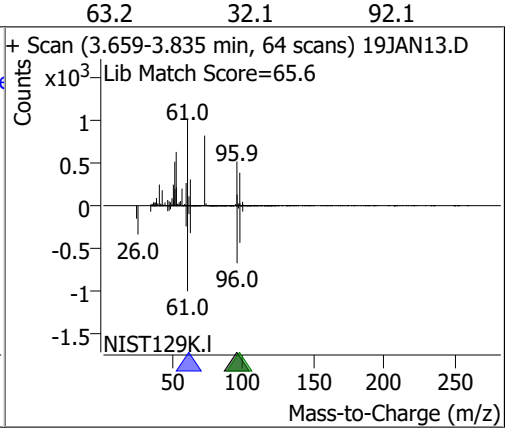




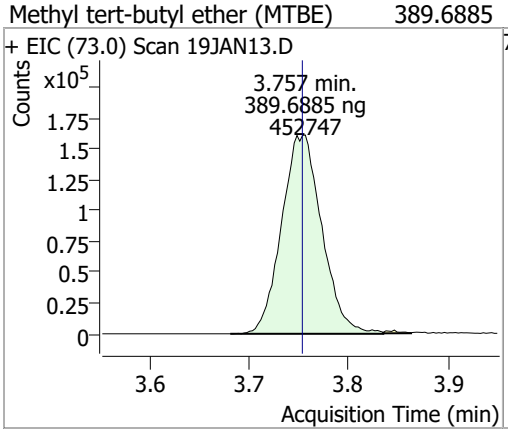
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	382.9648	3.71	-0.01	355984	61.0	154.8	124.8	184.8
					98.0	63.2	32.1	92.1

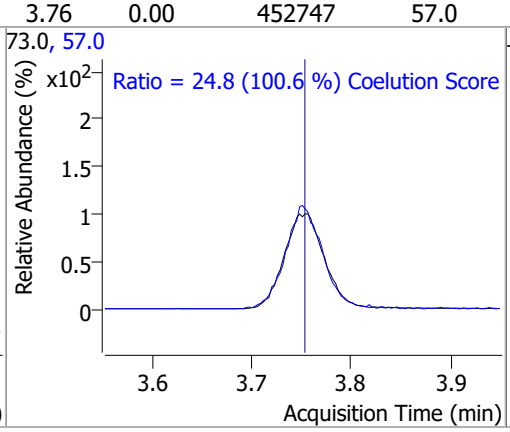


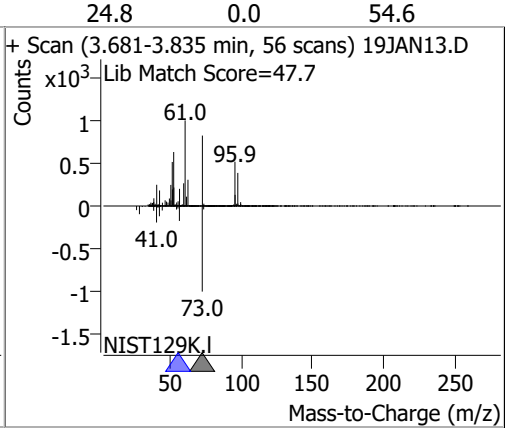




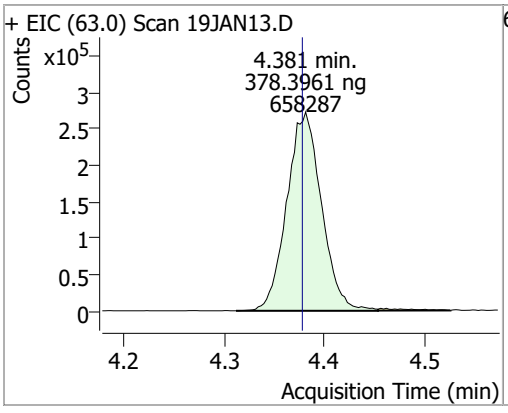
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	389.6885	3.76	0.00	452747	57.0	24.8	0.0	54.6

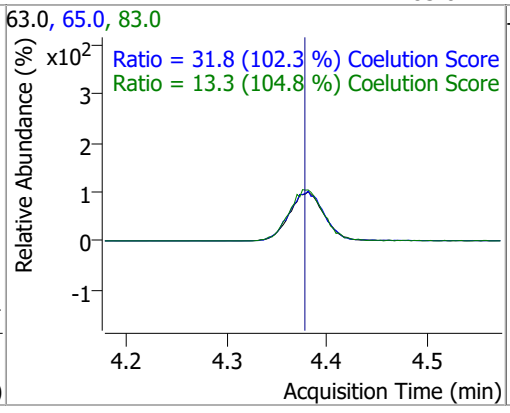


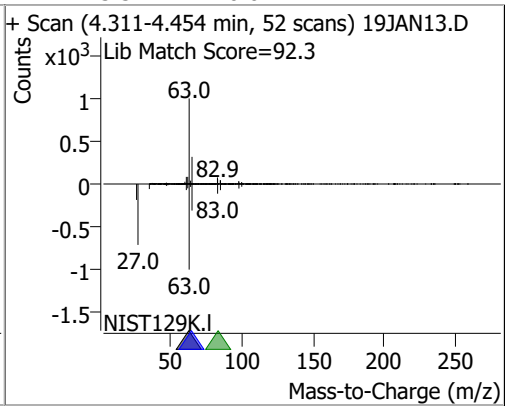




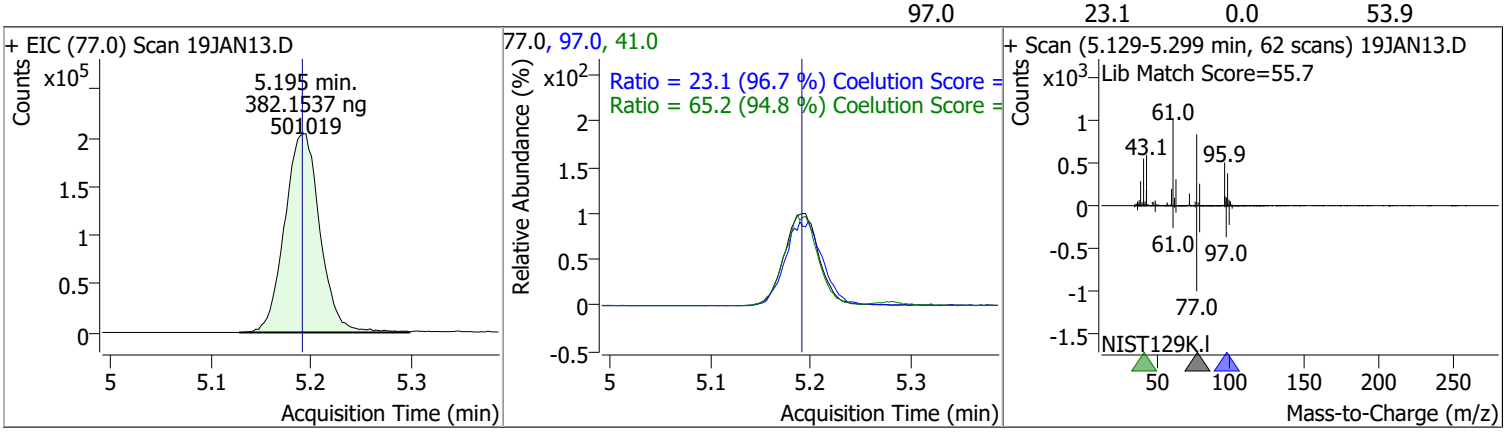
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	378.3961	4.38	0.00	658287	65.0	31.8	1.0	61.0
					83.0	13.3	0.0	42.7



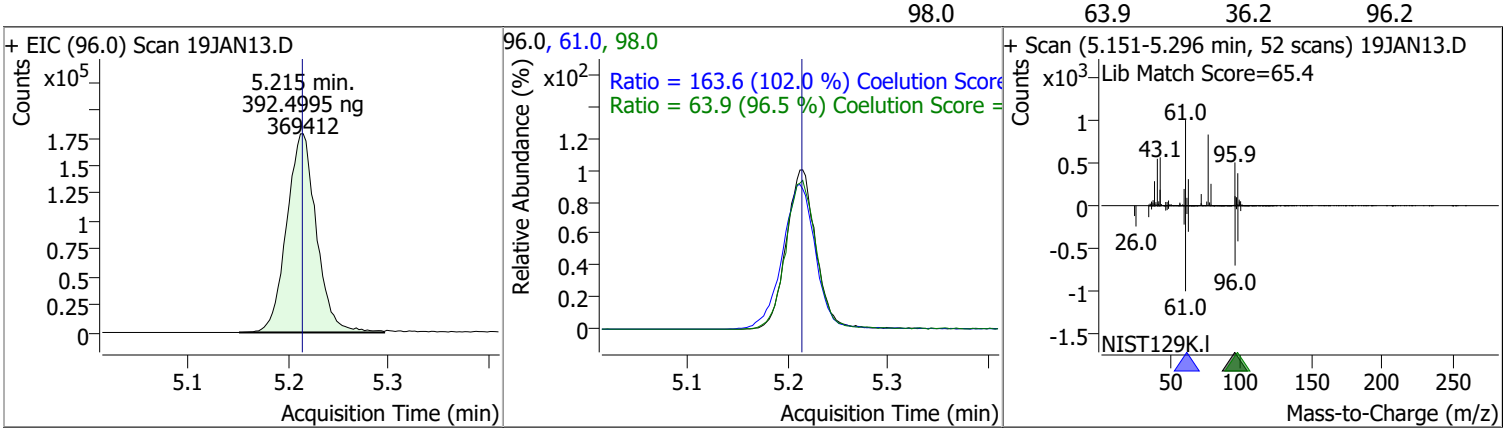




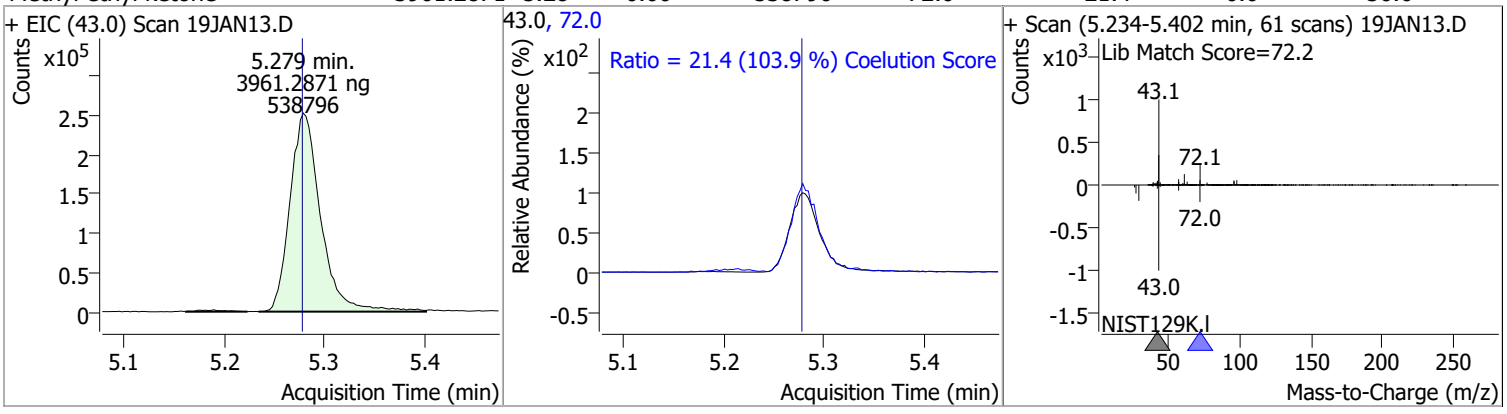
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	382.1537	5.20	0.00	501019	41.0	65.2	38.8	98.8
					97.0	23.1	0.0	53.9



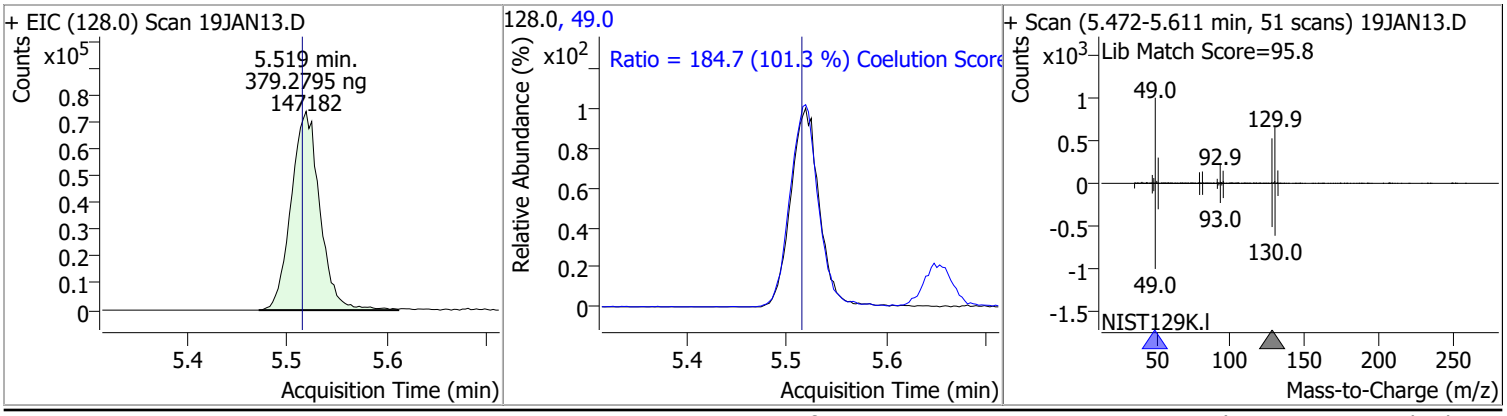
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	392.4995	5.21	0.00	369412	61.0	163.6	130.4	190.4
					98.0	63.9	36.2	96.2



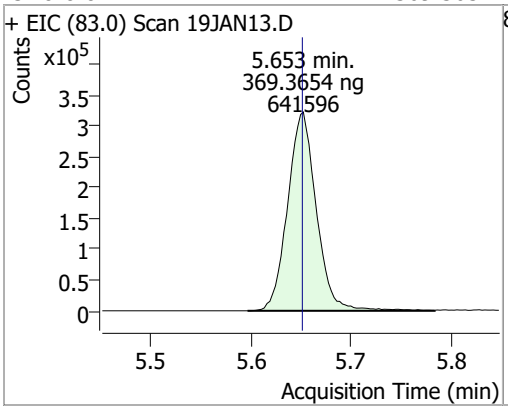
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	3961.2871	5.28	0.00	538796	72.0	21.4	0.0	50.6

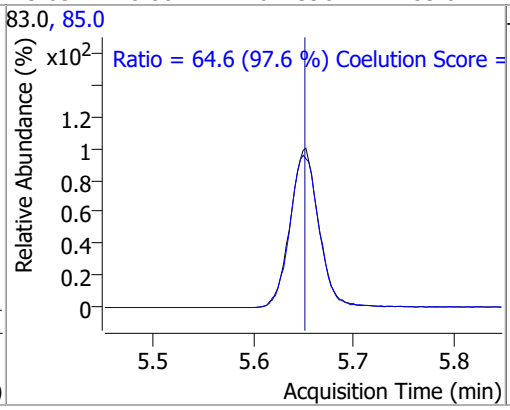


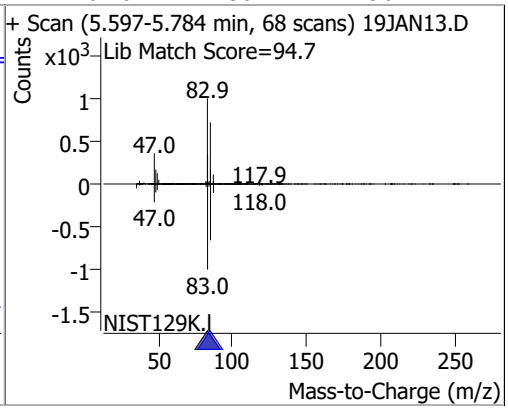
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	379.2795	5.52	0.00	147182	49.0	184.7	152.2	212.2



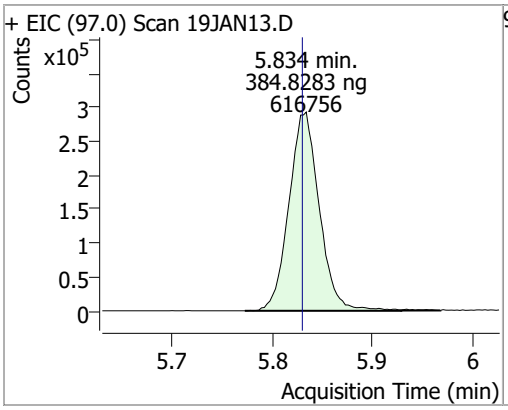
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	369.3654	5.65	0.00	641596	85.0	64.6	36.2	96.2

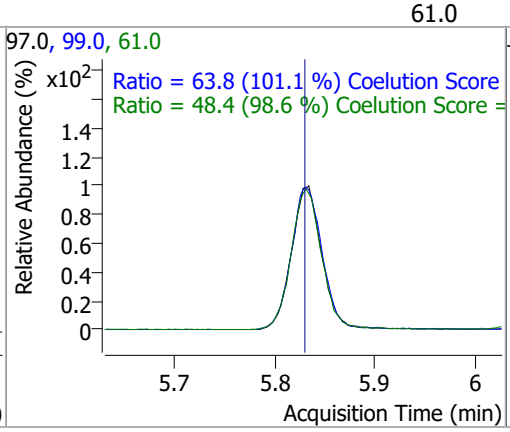


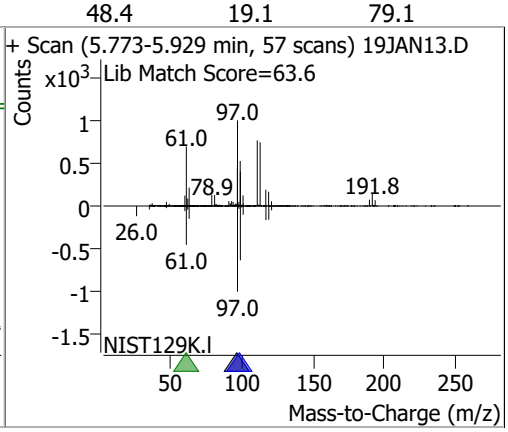




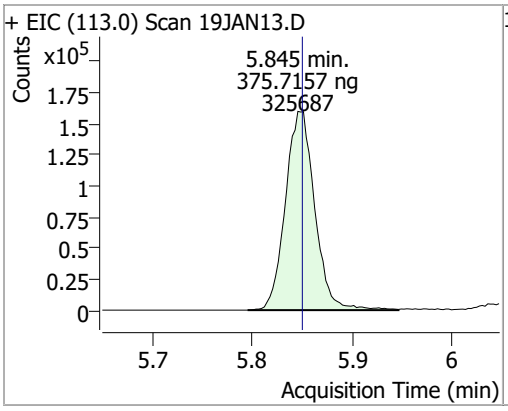
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	384.8283	5.83	0.00	616756	99.0	63.8	33.1	93.1
					61.0	48.4	19.1	79.1

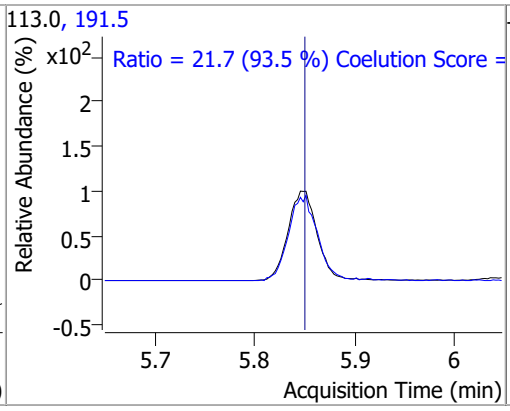


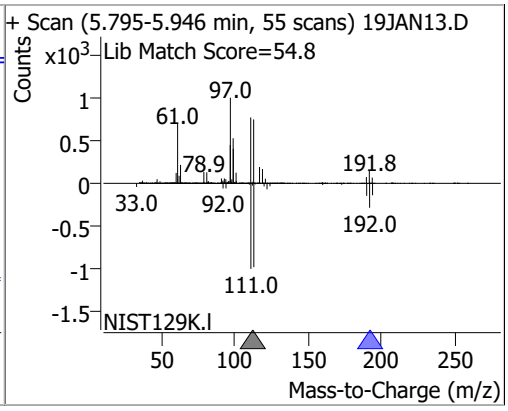




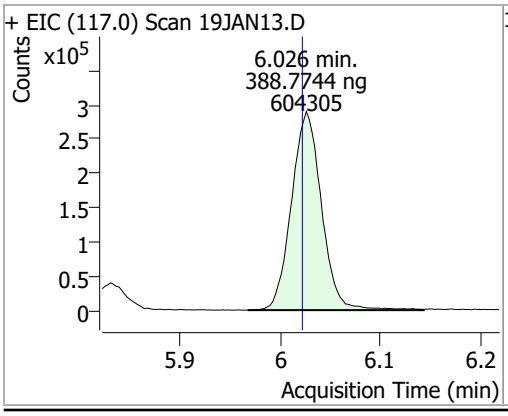
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	375.7157	5.85	-0.01	325687	191.5	21.7	0.0	53.2

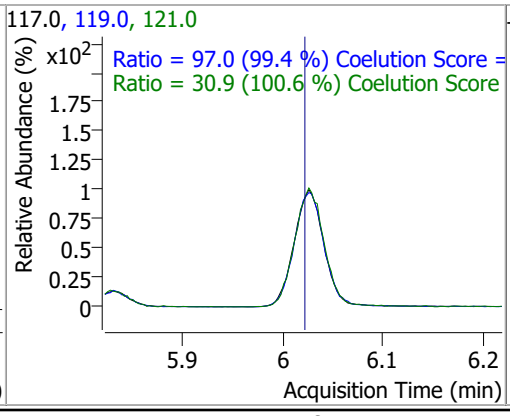


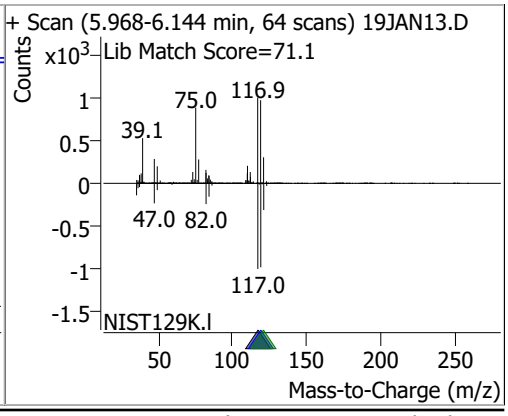




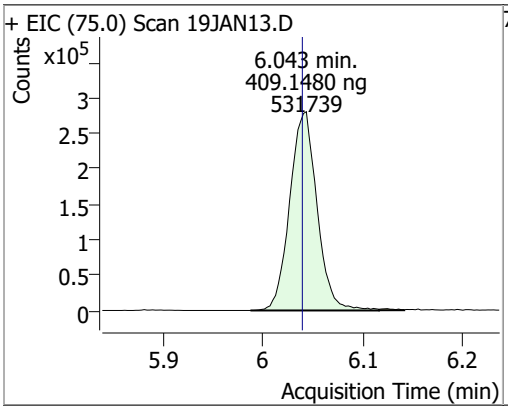
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	388.7744	6.03	0.00	604305	119.0	97.0	67.6	127.6
					121.0	30.9	0.7	60.7

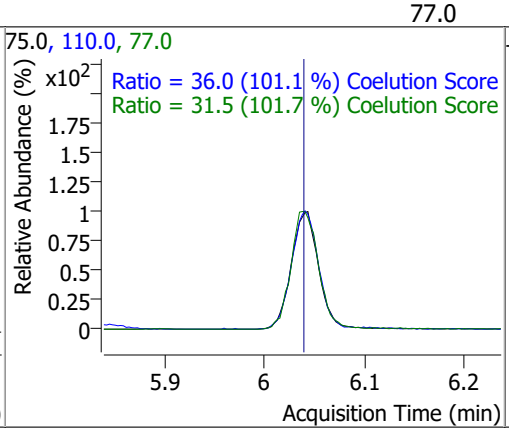


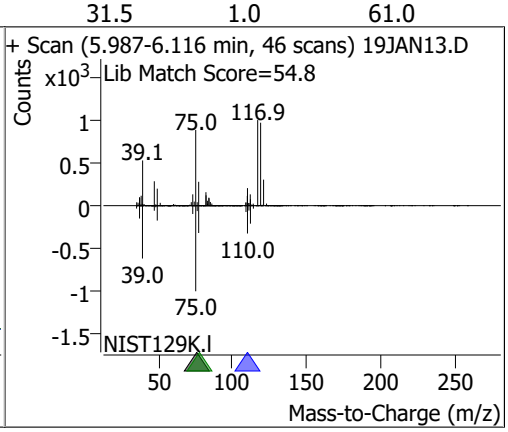




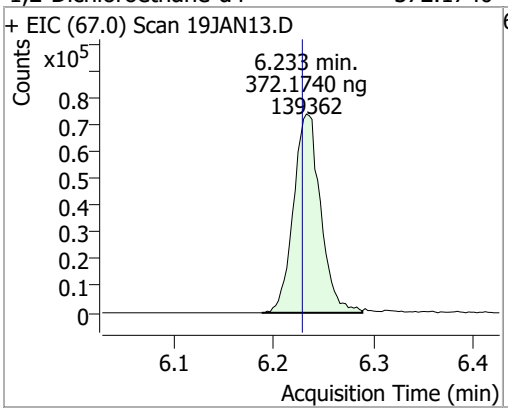
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	409.1480	6.04	0.00	531739	110.0	36.0	5.6	65.6
					77.0	31.5	1.0	61.0

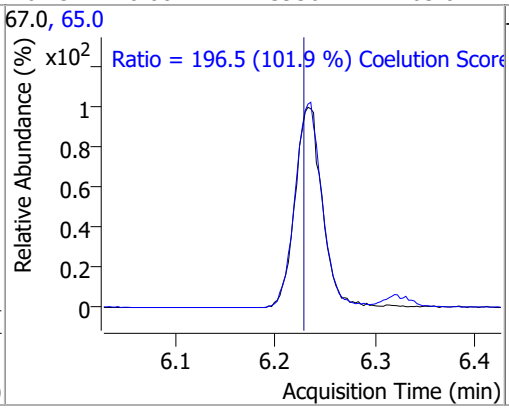


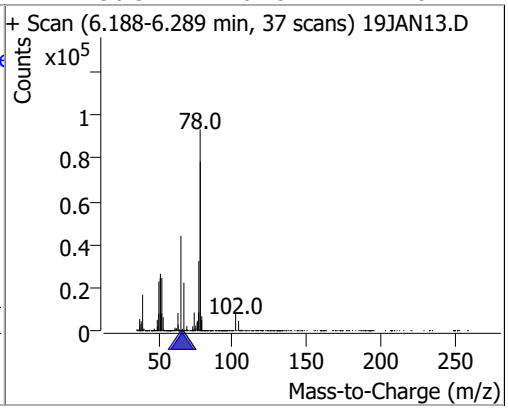




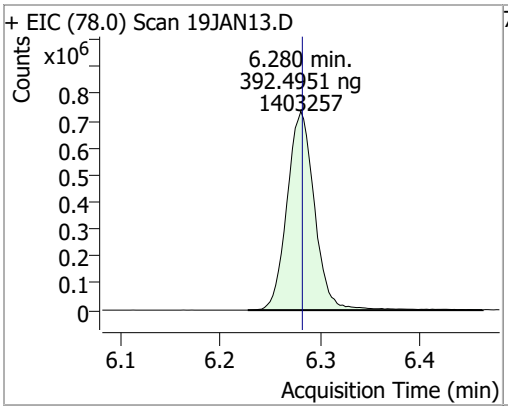
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	372.1740	6.23	0.00	139362	65.0	196.5	162.8	222.8

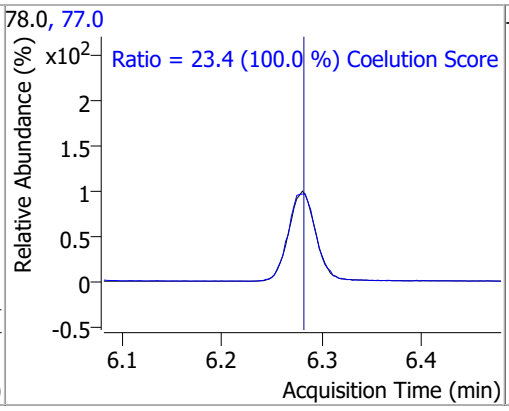


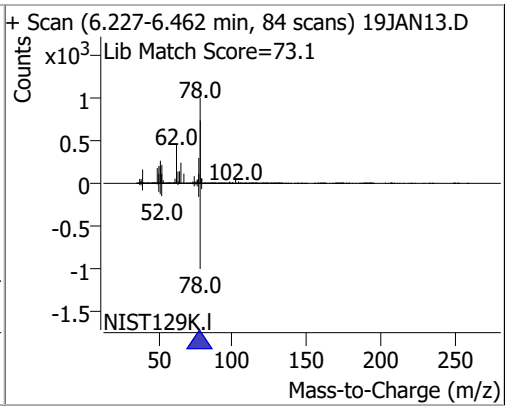




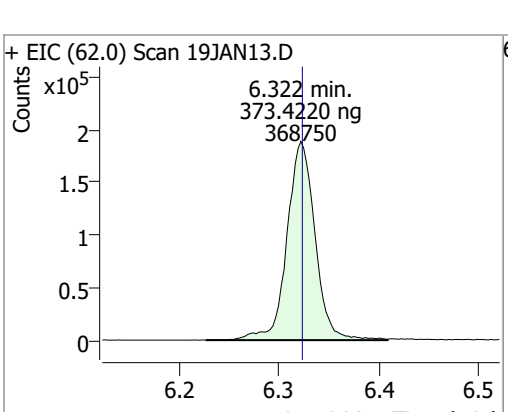
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	392.4951	6.28	0.00	1403257	77.0	23.4	0.0	53.3

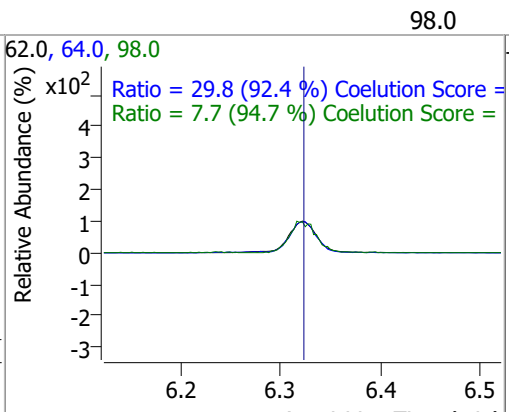


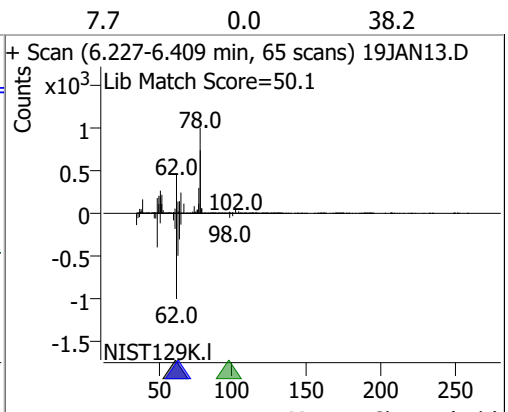




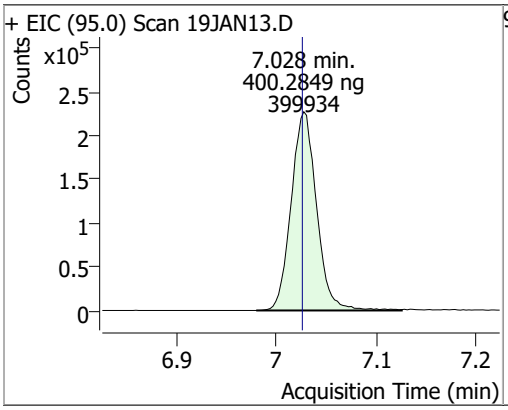
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	373.4220	6.32	0.00	368750	64.0	29.8	2.2	62.2
					98.0	7.7	0.0	38.2

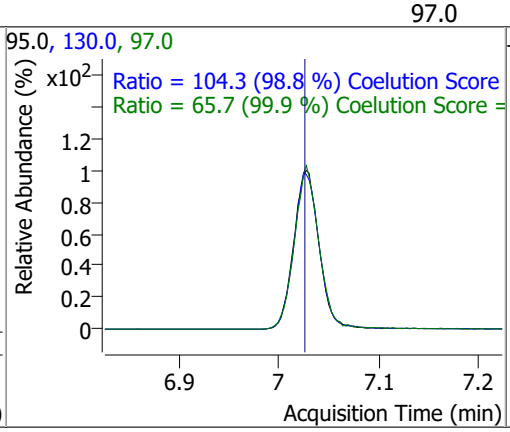


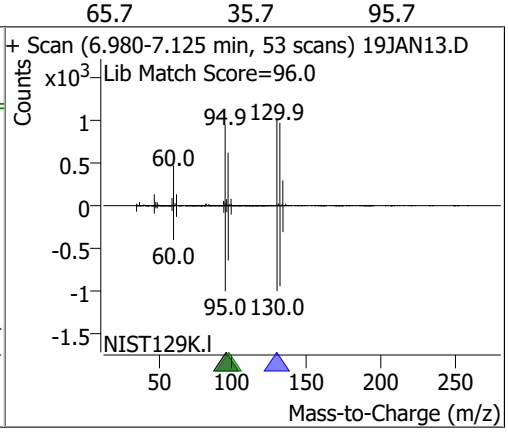




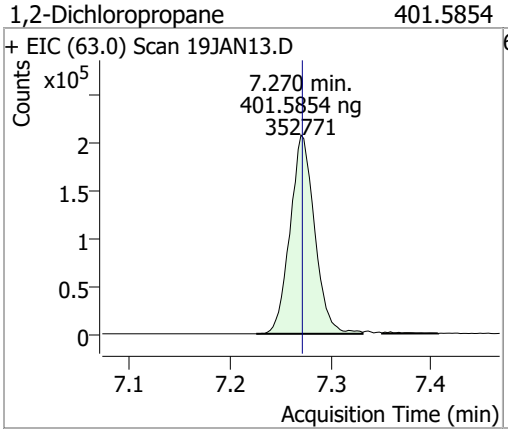
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	400.2849	7.03	0.00	399934	130.0	104.3	75.6	135.6
					97.0	65.7	35.7	95.7

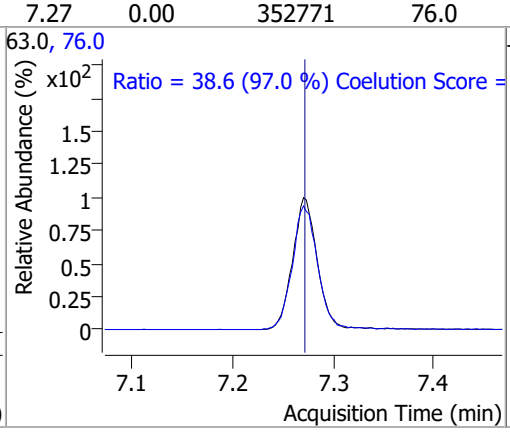


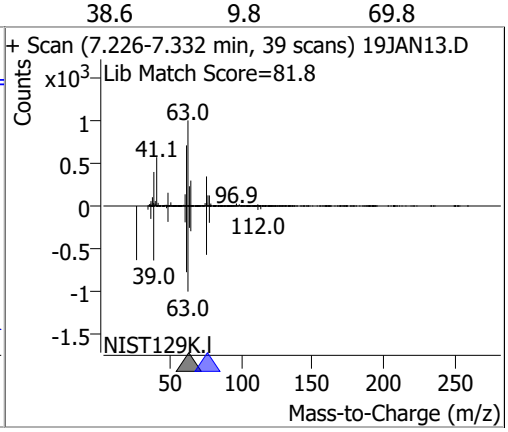




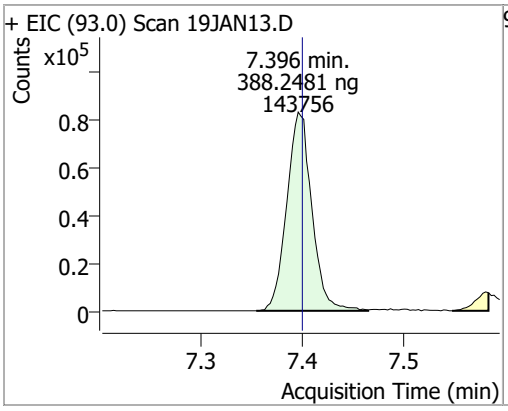
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	401.5854	7.27	0.00	352771	76.0	38.6	9.8	69.8

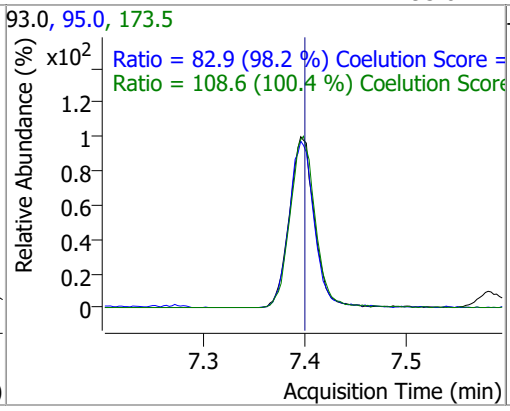


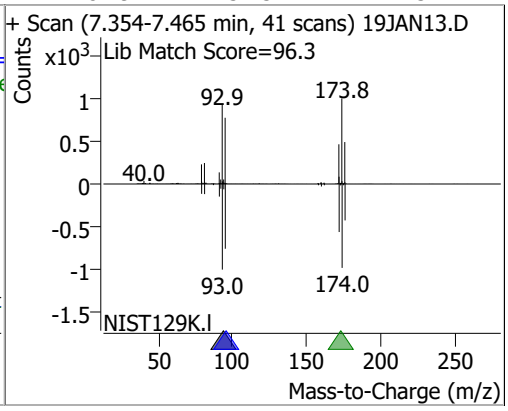




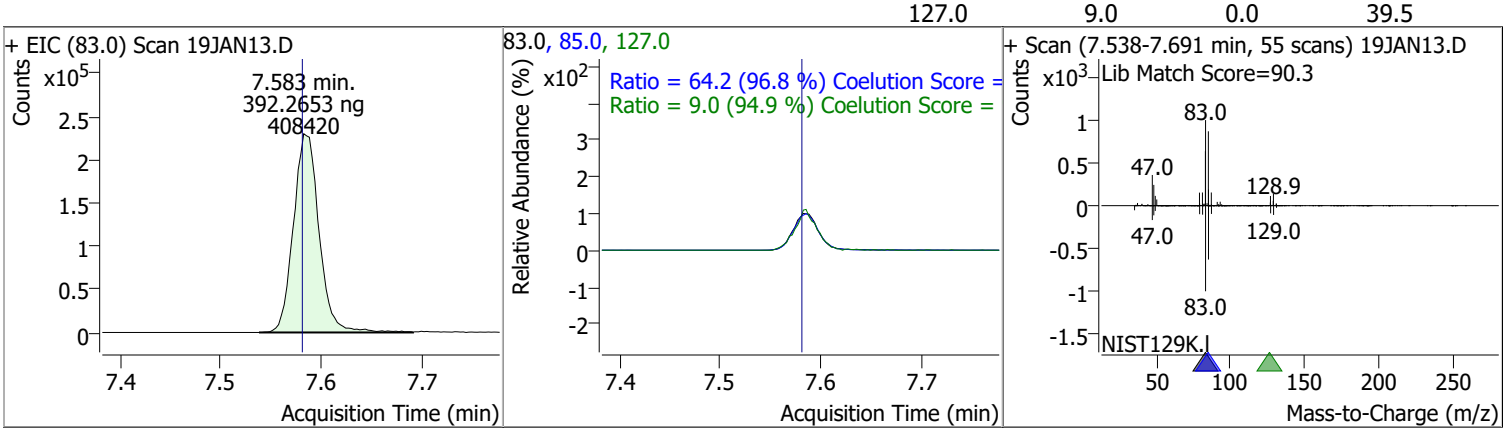
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	388.2481	7.40	0.00	143756	173.5	108.6	78.2	138.2
					95.0	82.9	54.5	114.5



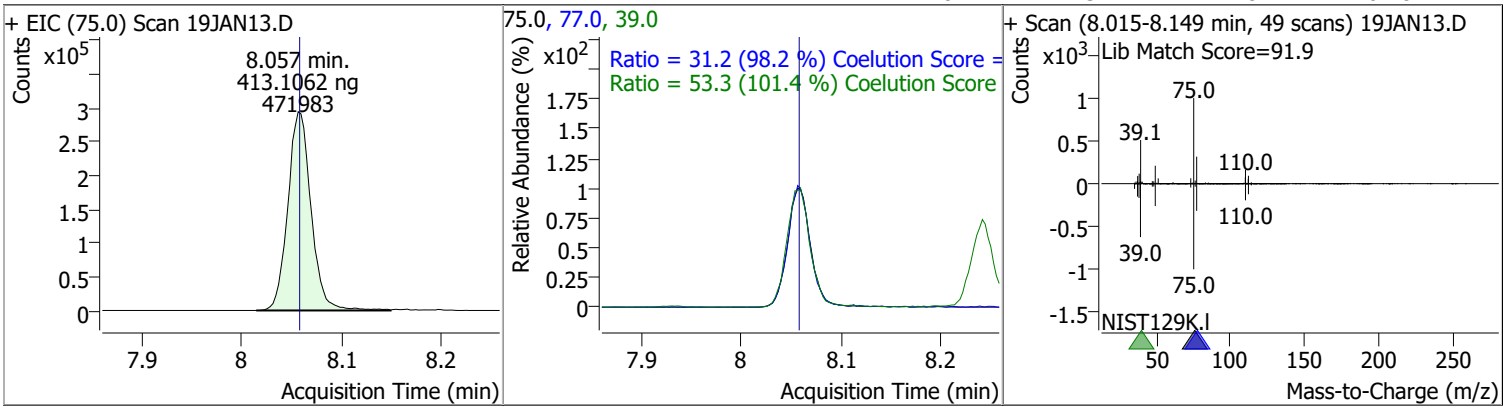




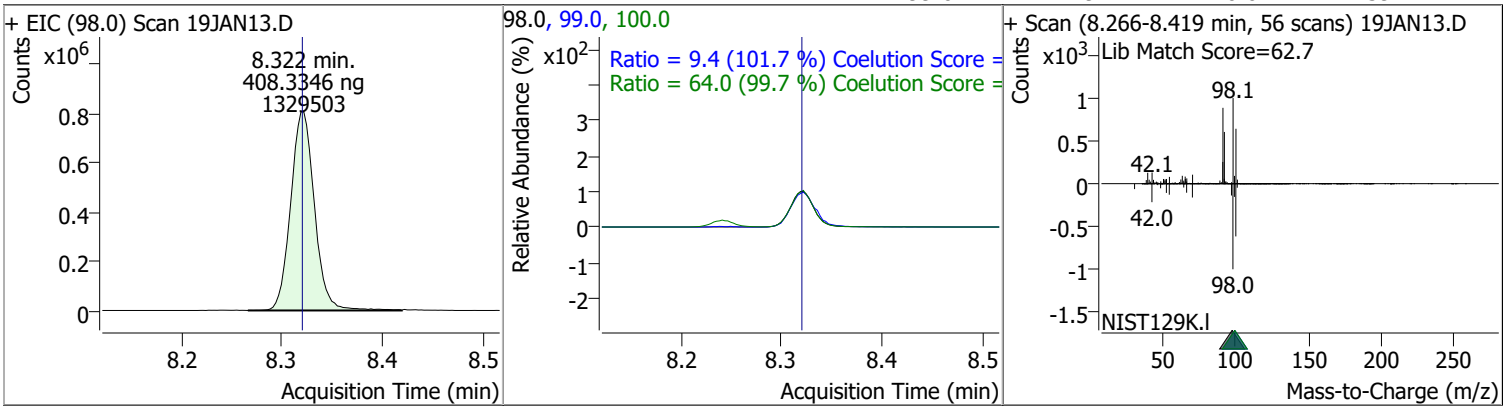
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	392.2653	7.58	0.00	408420	85.0	64.2	36.3	96.3
					127.0	9.0	0.0	39.5



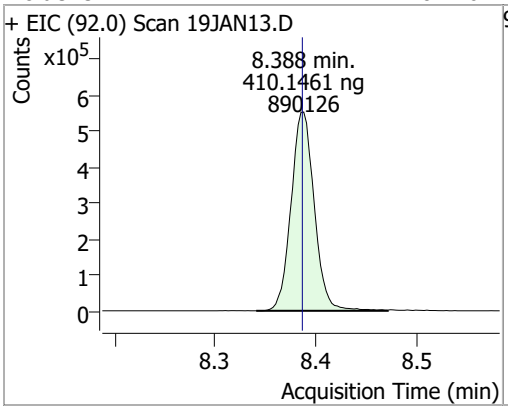
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	413.1062	8.06	0.00	471983	39.0	53.3	22.5	82.5
					77.0	31.2	1.8	61.8

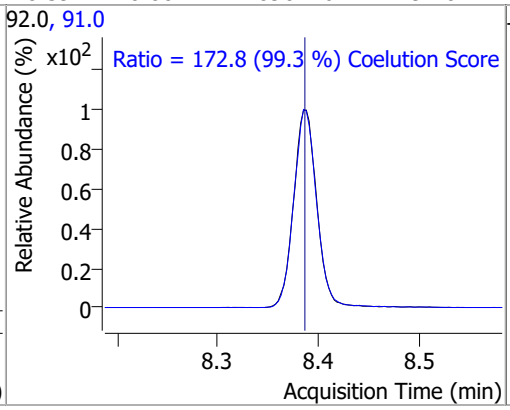


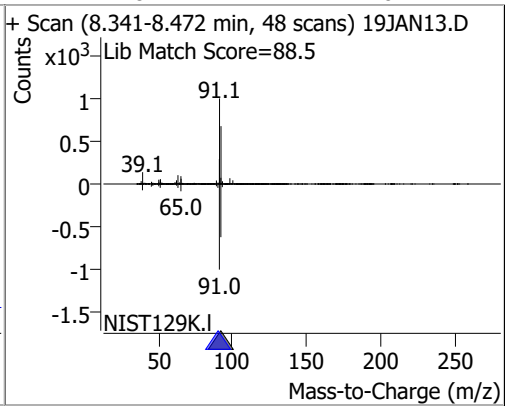
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	408.3346	8.32	0.00	1329503	100.0	64.0	34.3	94.3
					99.0	9.4	0.0	39.2



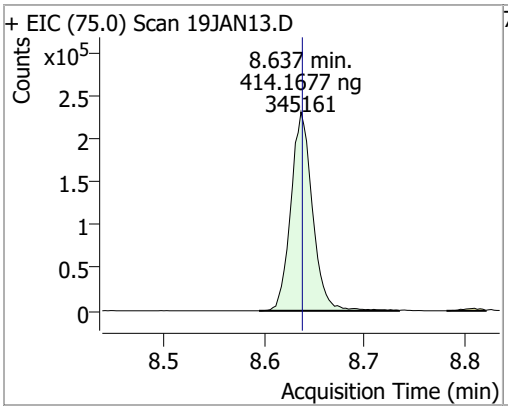
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	410.1461	8.39	0.00	890126	91.0	172.8	144.1	204.1

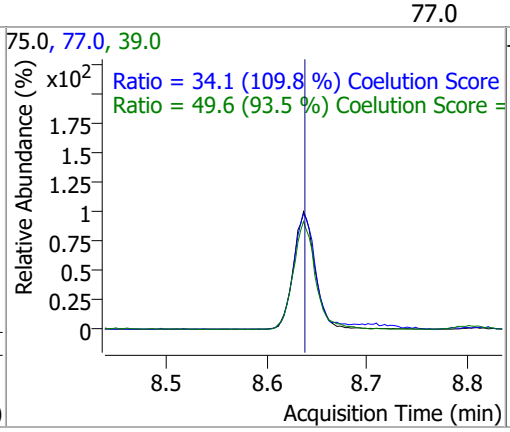


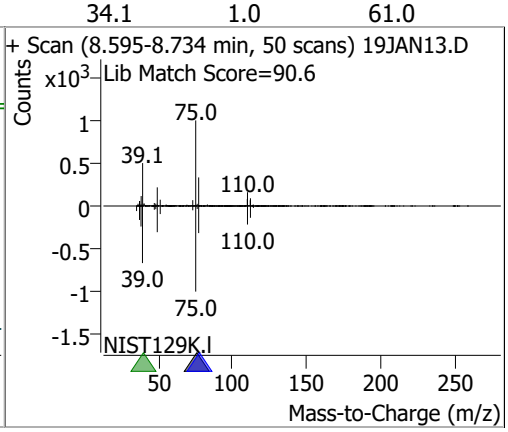




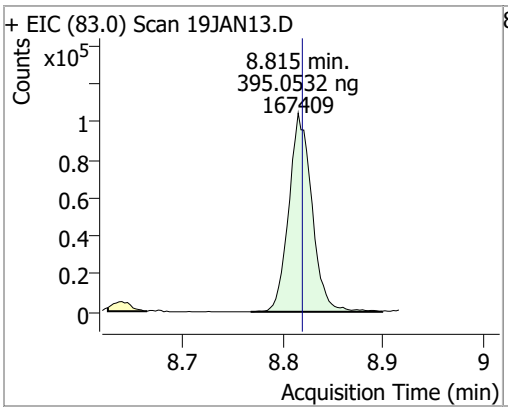
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	414.1677	8.64	0.00	345161	39.0	49.6	23.0	83.0
					77.0	34.1	1.0	61.0

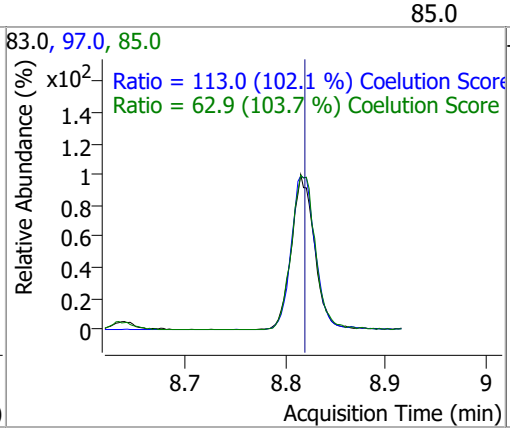


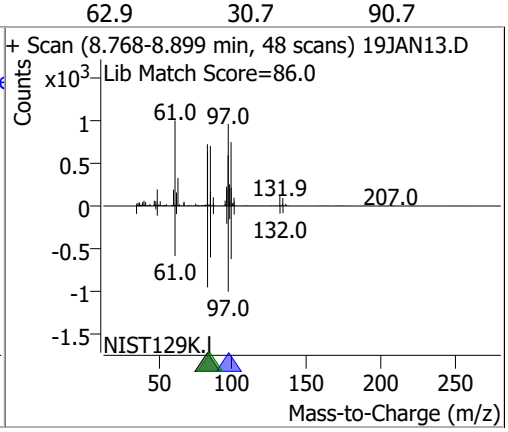




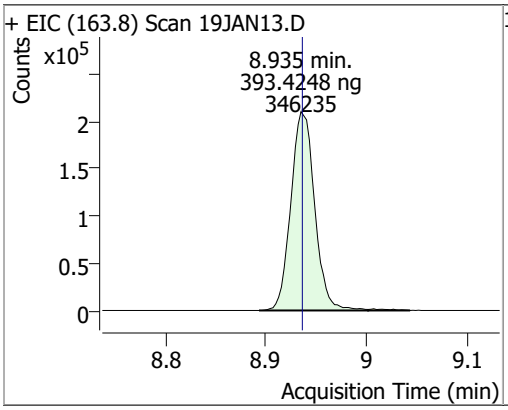
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	395.0532	8.82	0.00	167409	97.0	113.0	80.7	140.7
					85.0	62.9	30.7	90.7

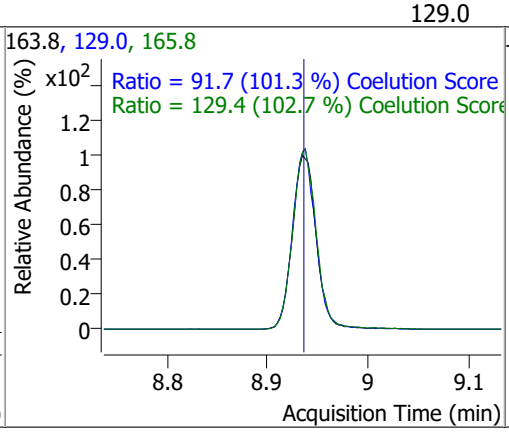


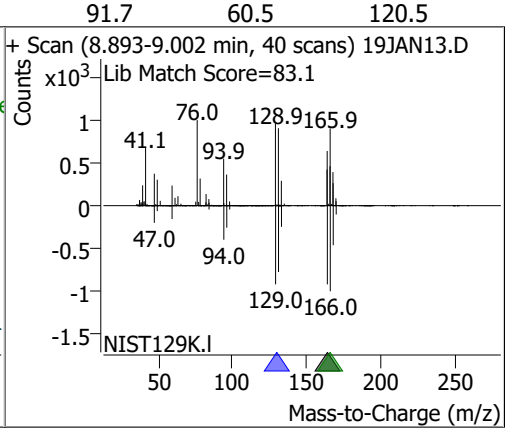




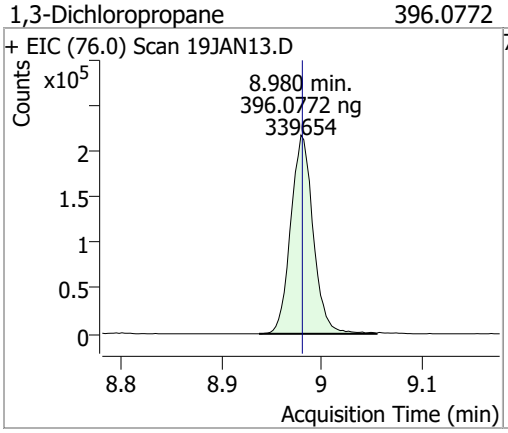
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	393.4248	8.94	0.00	346235	165.8	129.4	96.1	156.1
					129.0	91.7	60.5	120.5

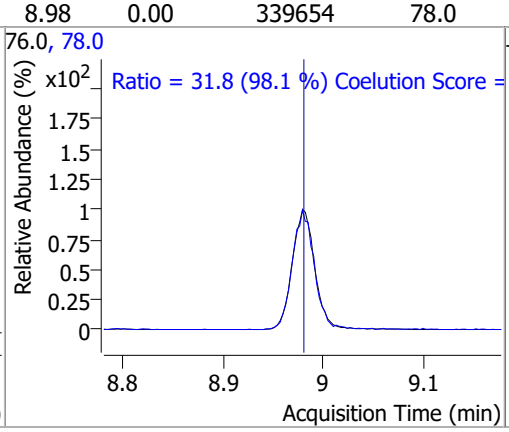


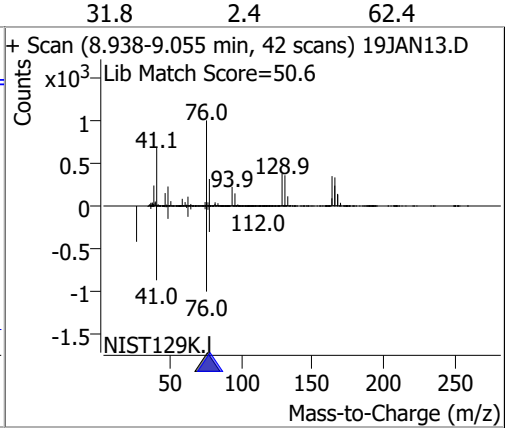




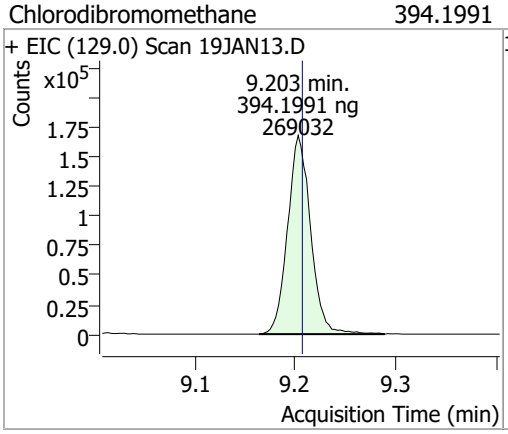
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	396.0772	8.98	0.00	339654	78.0	31.8	2.4	62.4

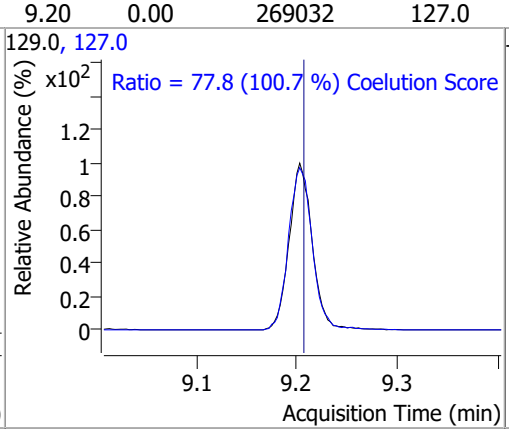


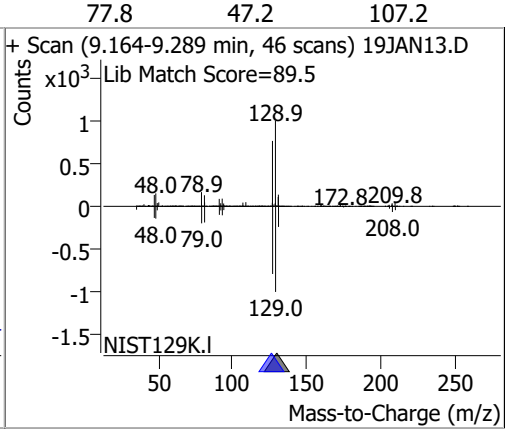




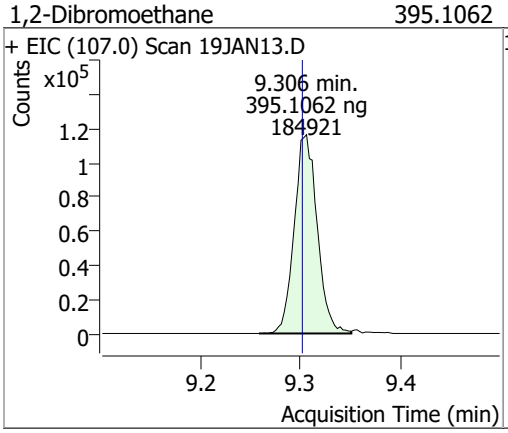
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	394.1991	9.20	0.00	269032	127.0	77.8	47.2	107.2

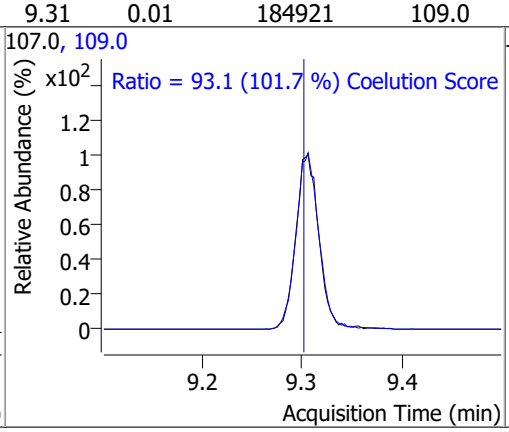


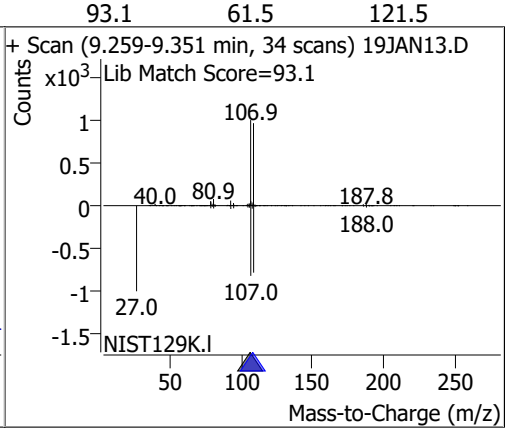




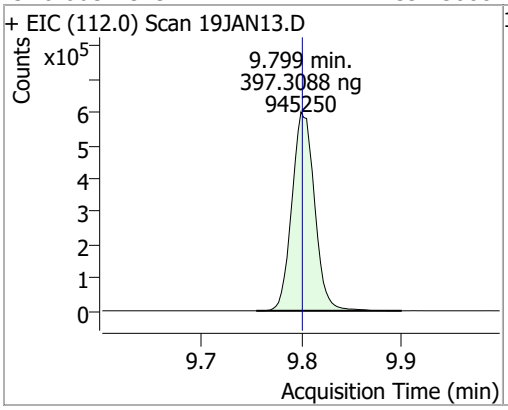
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	395.1062	9.31	0.01	184921	109.0	93.1	61.5	121.5

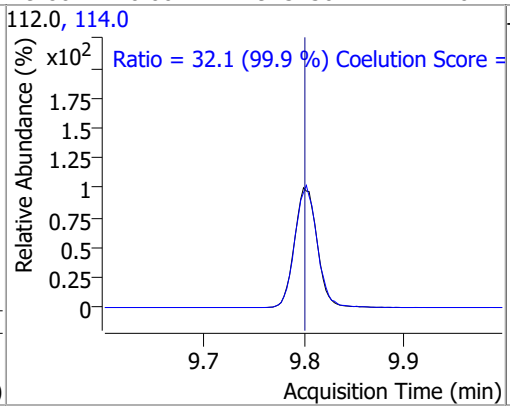


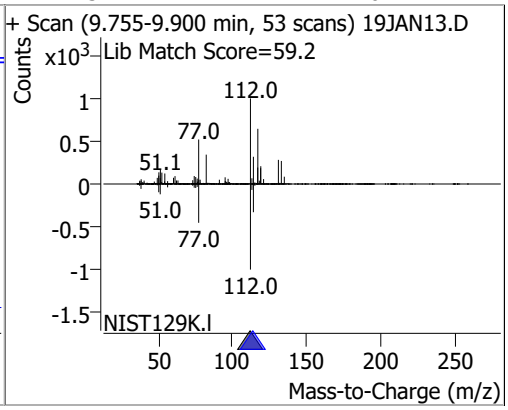




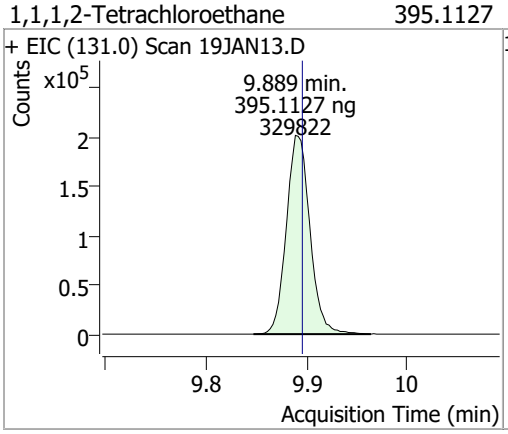
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	397.3088	9.80	0.00	945250	114.0	32.1	2.2	62.2

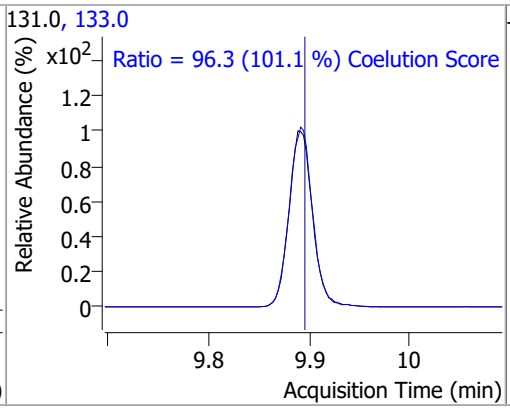


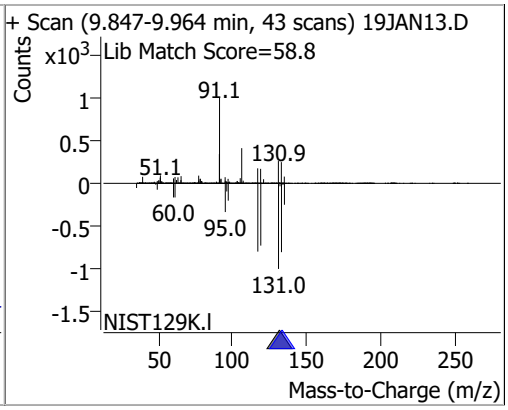




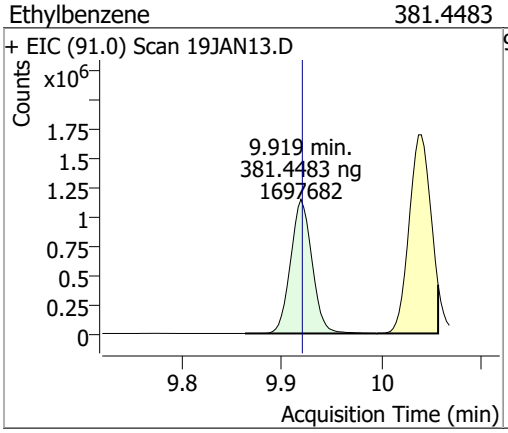
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	395.1127	9.89	-0.01	329822	133.0	96.3	65.3	125.3

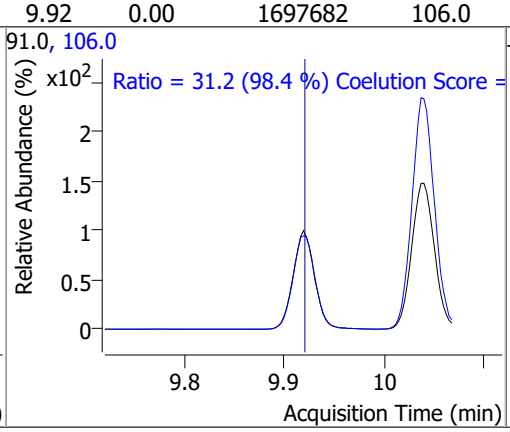


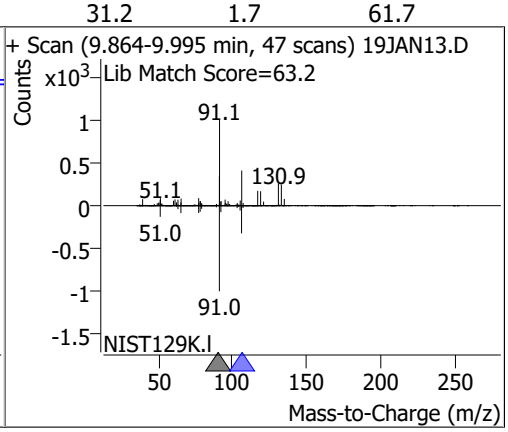




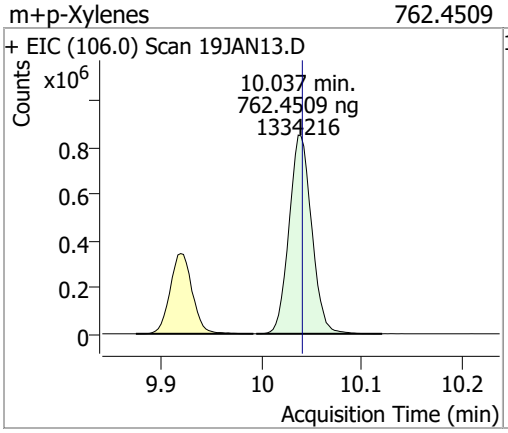
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	381.4483	9.92	0.00	1697682	106.0	31.2	1.7	61.7

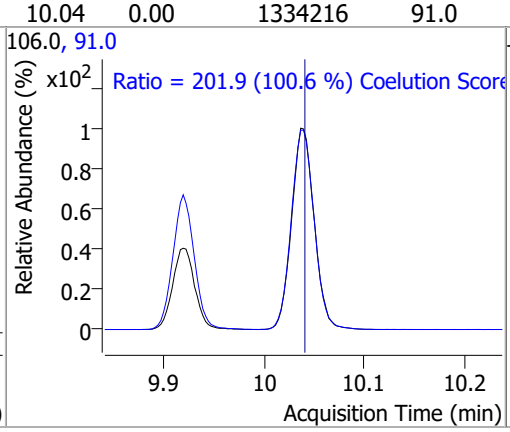


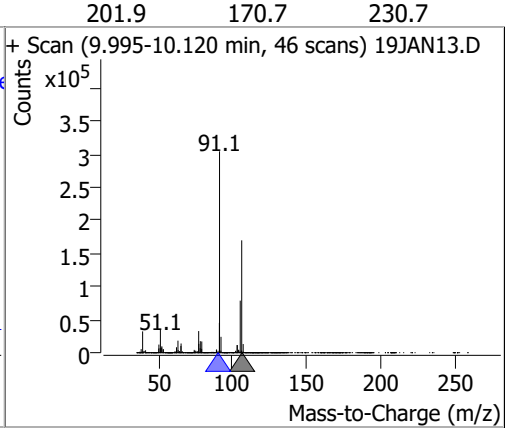




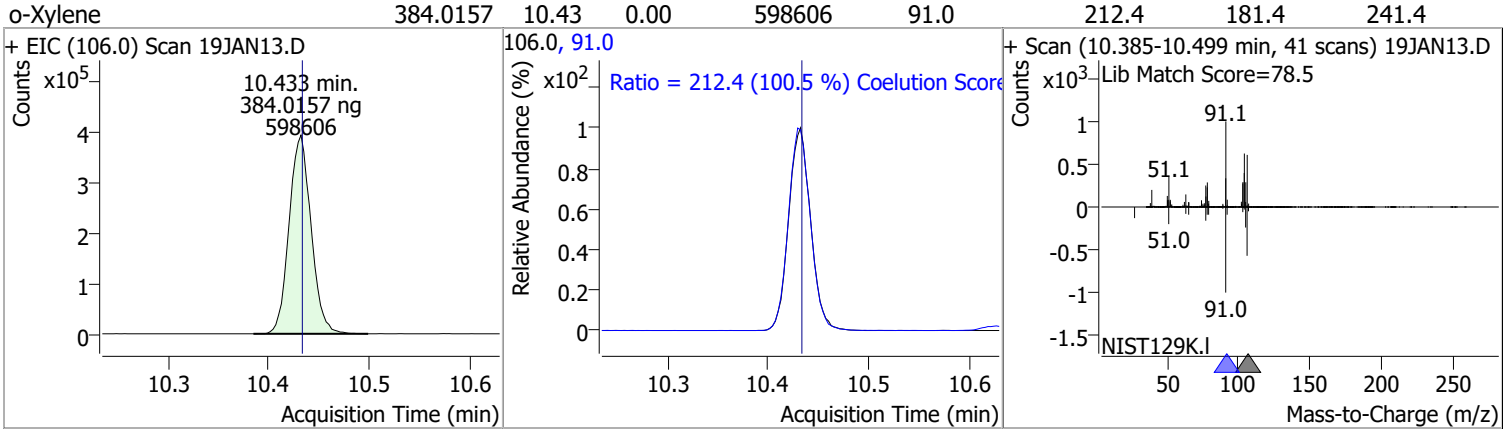
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	762.4509	10.04	0.00	1334216	91.0	201.9	170.7	230.7



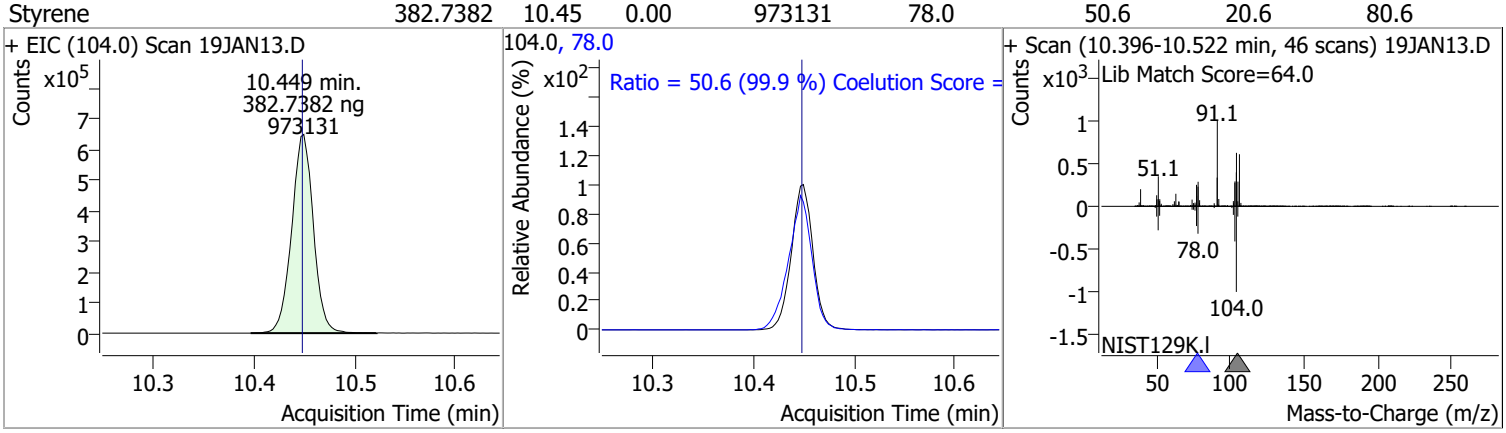




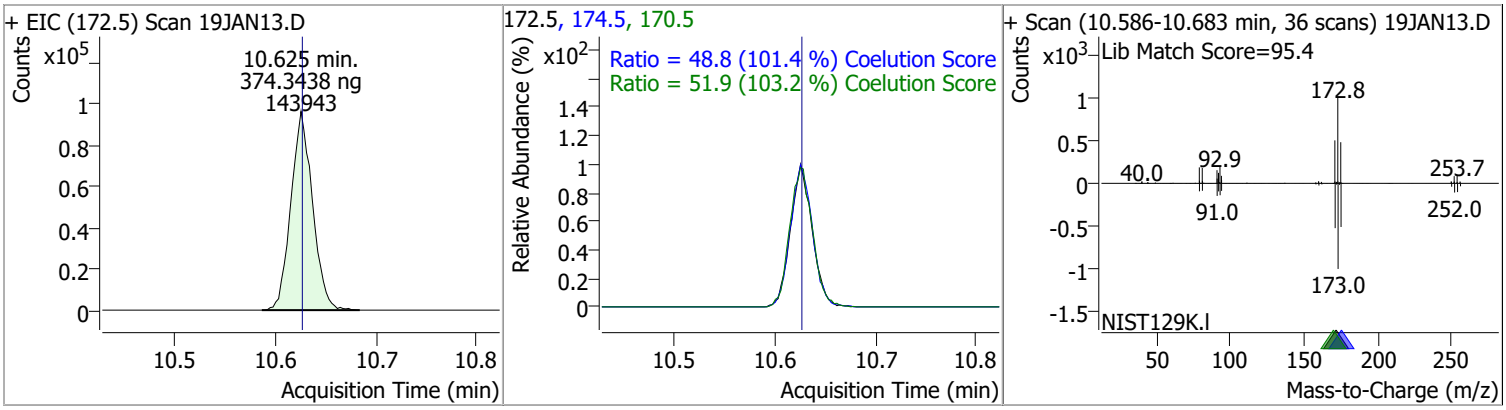
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	384.0157	10.43	0.00	598606	91.0	212.4	181.4	241.4



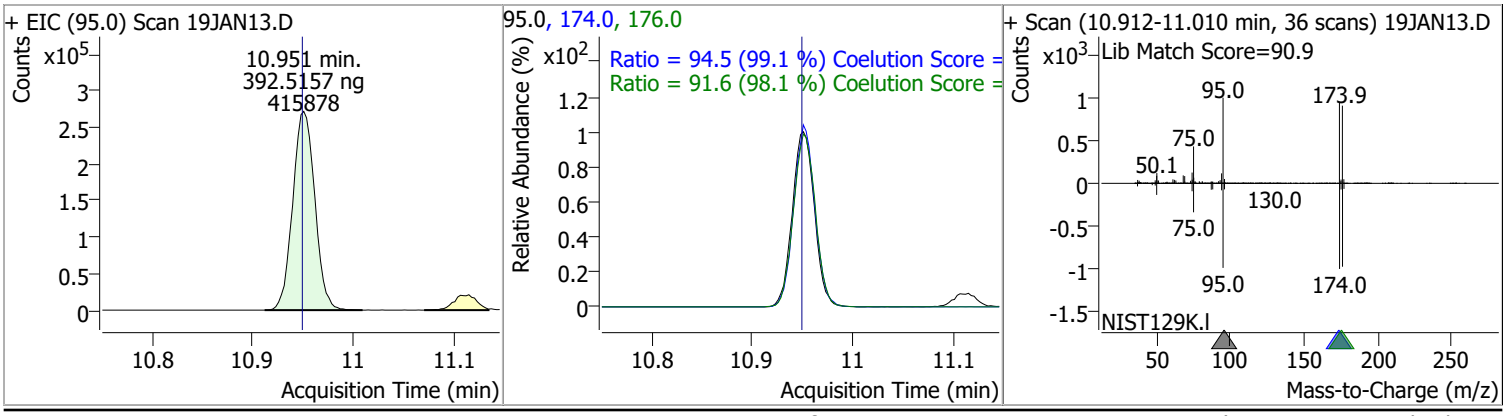
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	382.7382	10.45	0.00	973131	78.0	50.6	20.6	80.6



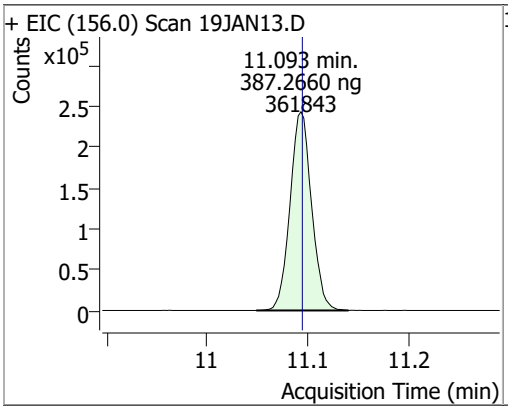
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	374.3438	10.62	0.00	143943	170.5	51.9	20.3	80.3
					174.5	48.8	18.1	78.1

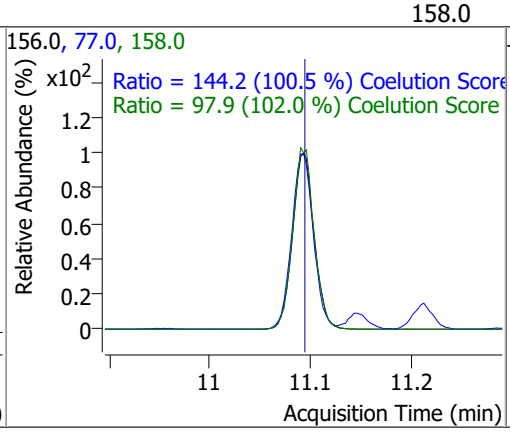


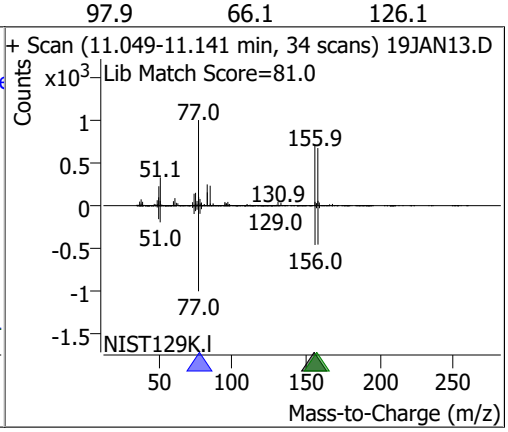
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	392.5157	10.95	0.00	415878	174.0	94.5	65.3	125.3
					176.0	91.6	63.3	123.3



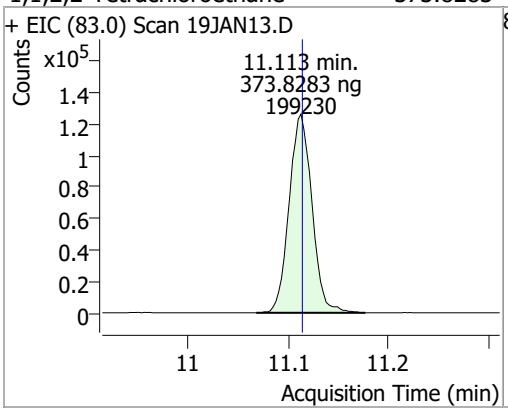
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	387.2660	11.09	0.00	361843	77.0	144.2	113.5	173.5
					158.0	97.9	66.1	126.1

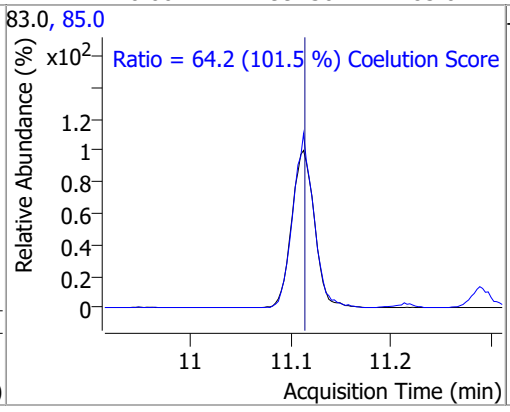


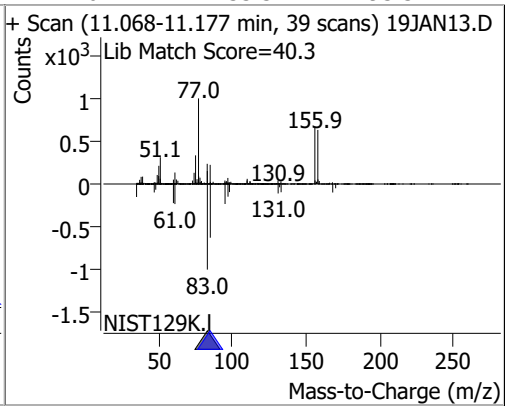




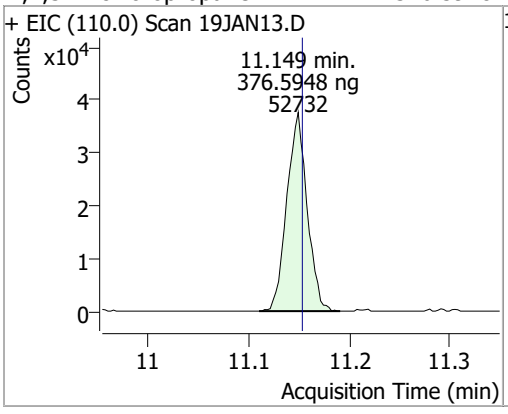
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	373.8283	11.11	0.00	199230	85.0	64.2	33.3	93.3

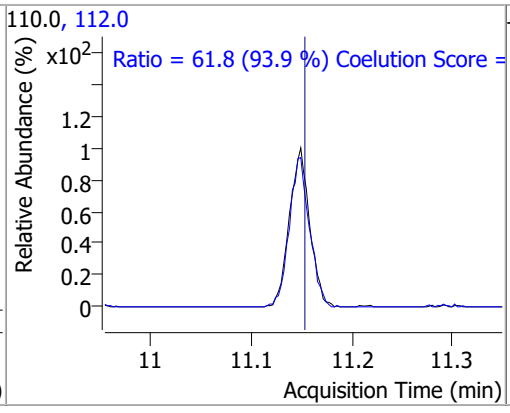


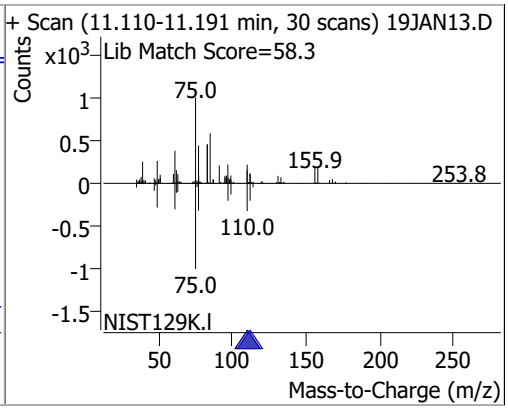




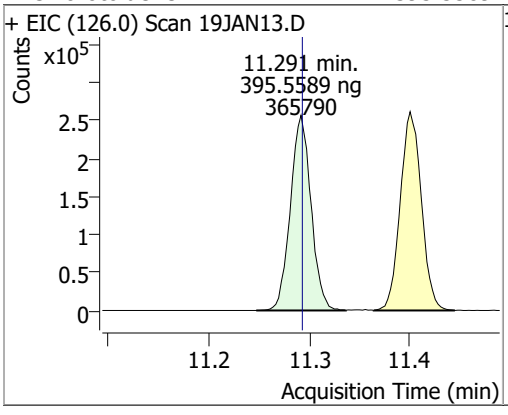
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	376.5948	11.15	0.00	52732	112.0	61.8	35.8	95.8

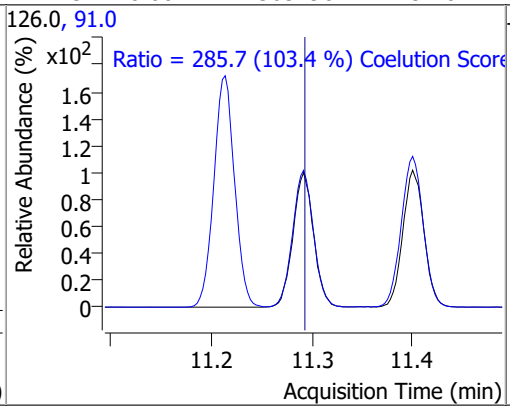


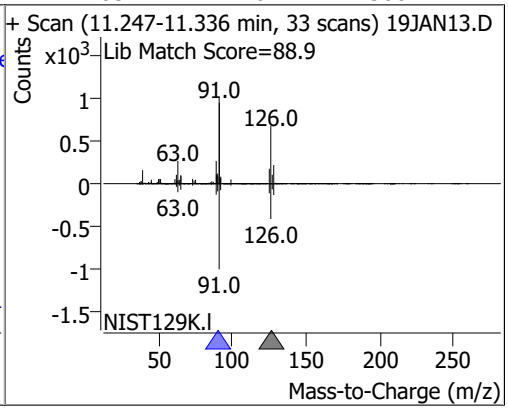




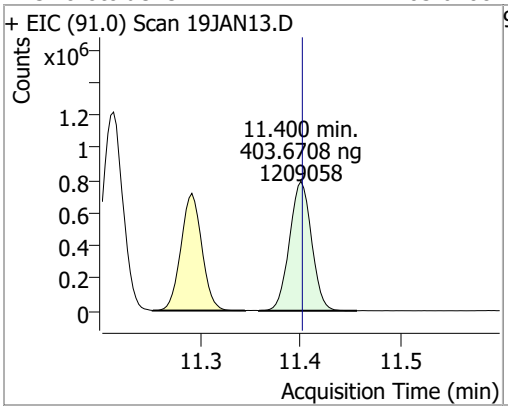
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	395.5589	11.29	0.00	365790	91.0	285.7	246.2	306.2

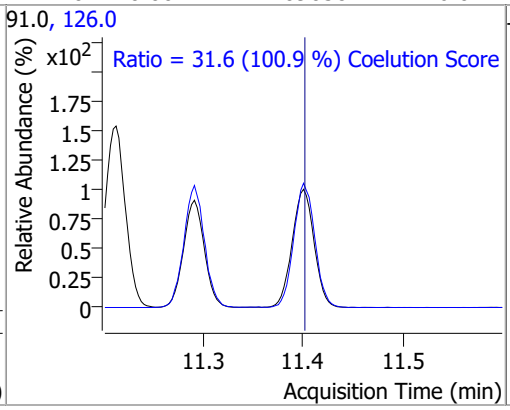


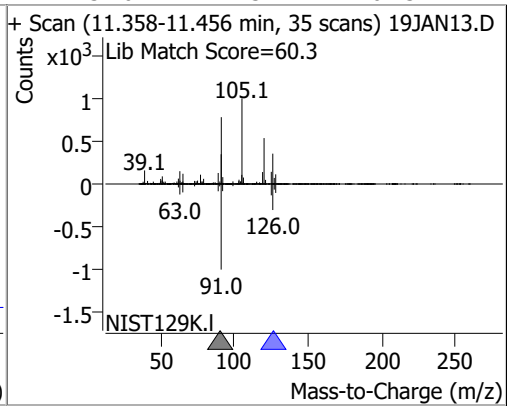




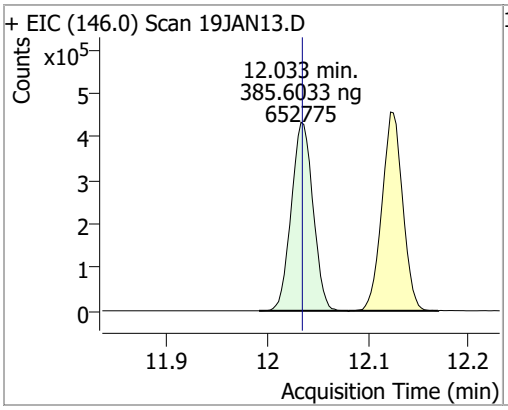
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	403.6708	11.40	0.00	1209058	126.0	31.6	1.3	61.3

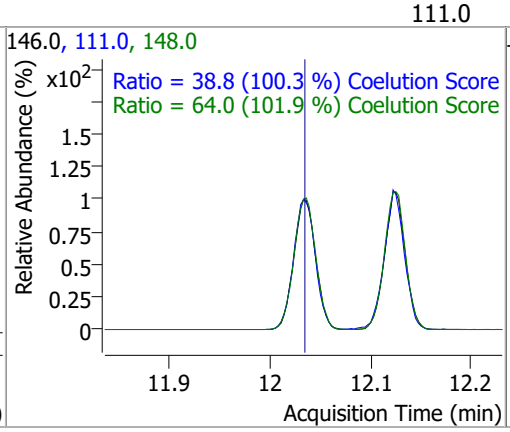


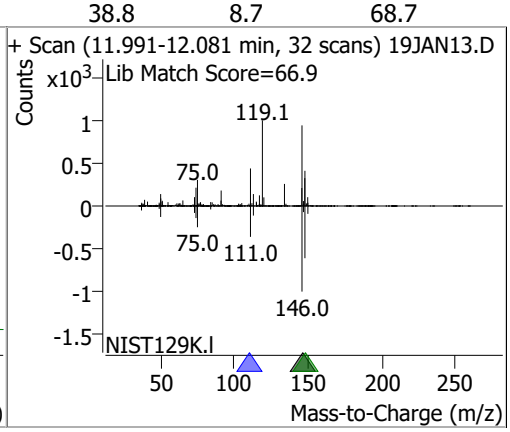




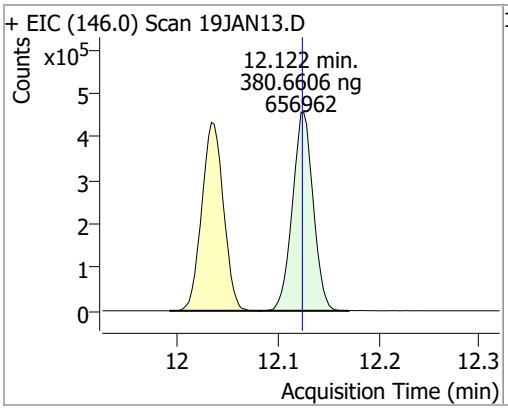
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	385.6033	12.03	0.00	652775	148.0	64.0	32.8	92.8
					111.0	38.8	8.7	68.7

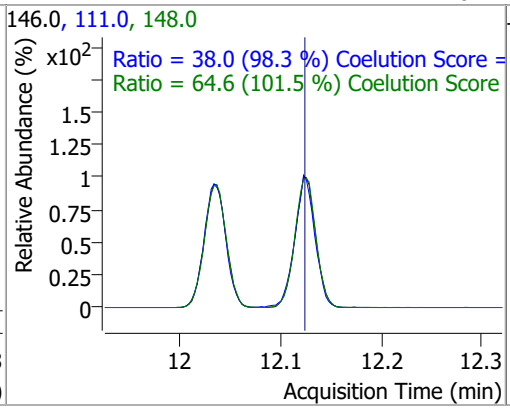


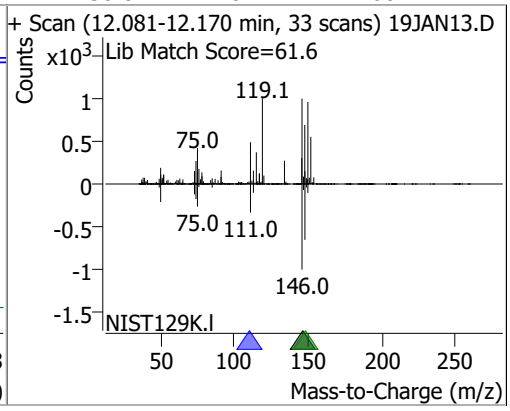




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	380.6606	12.12	0.00	656962	148.0	64.6	33.7	93.7
					111.0	38.0	8.7	68.7

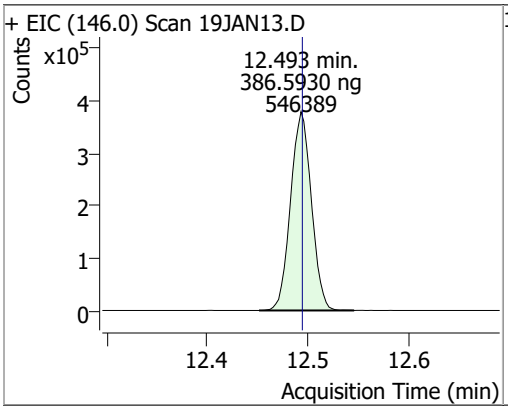


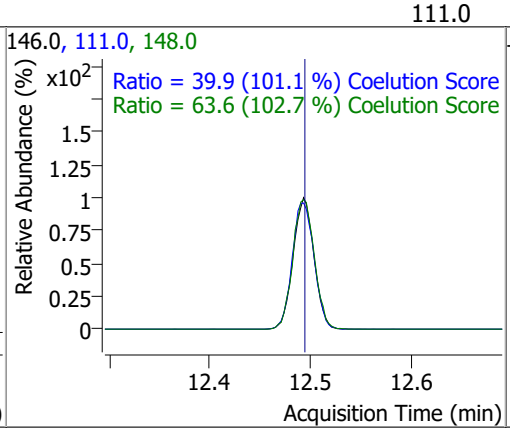


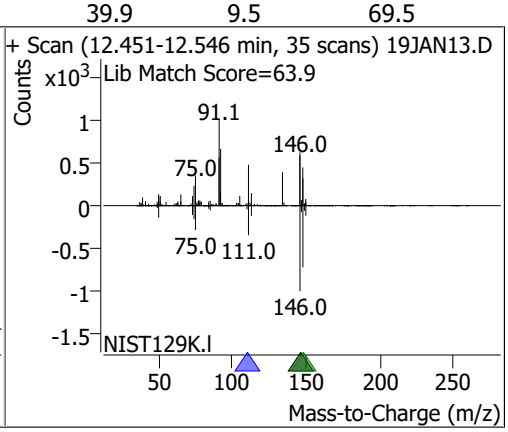


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	386.5930	12.49	0.00	546389	148.0	63.6	31.9	91.9
					111.0	39.9	9.5	69.5







Quantitation Results Report (QT Reviewed)

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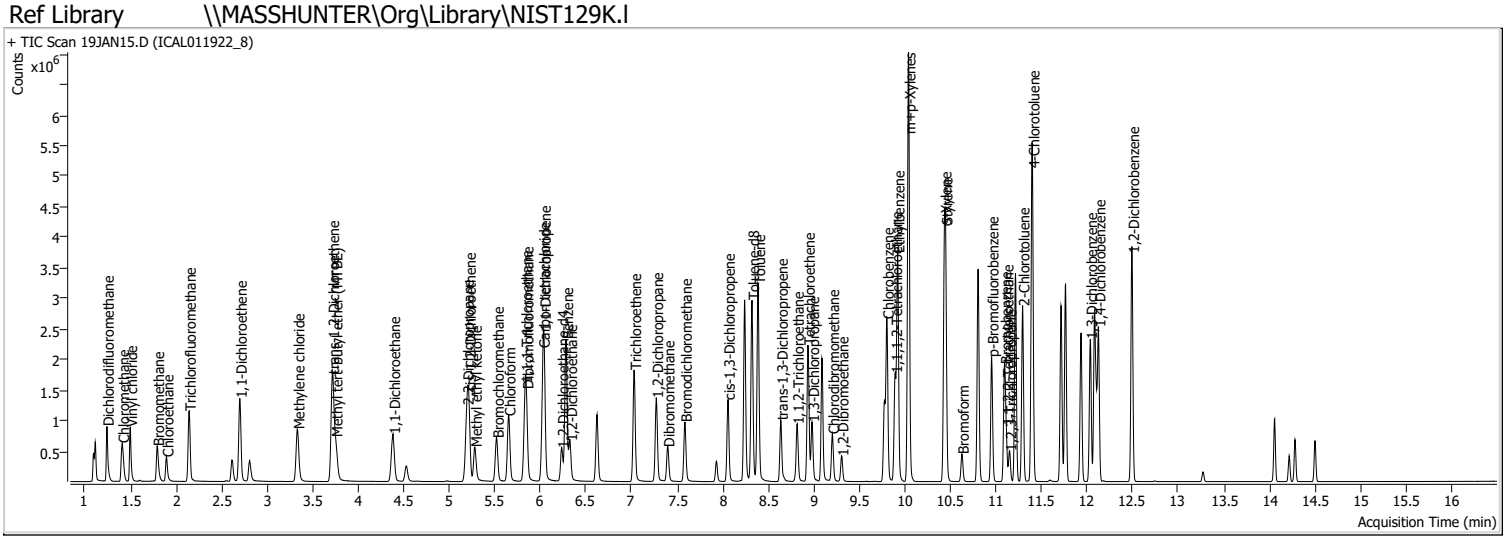
Data File	19JAN15.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 3:47:49 PM
Sample Name	ICAL011922_8	Instrument	VOA5975C
Vial	15	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

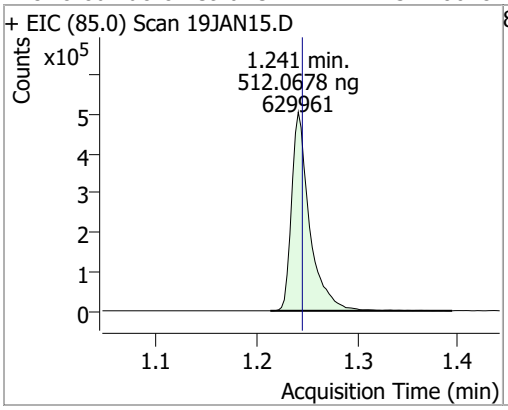


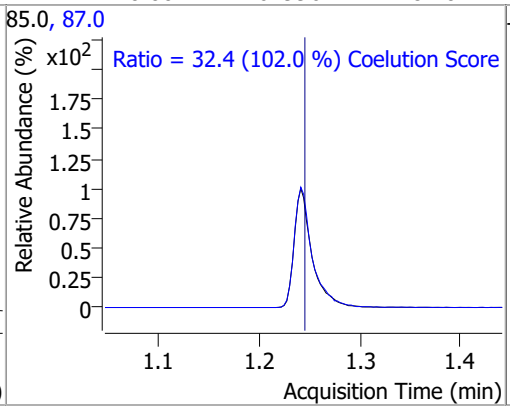
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	914923	250.0000	ng		0.000
M Chlorobenzene-d5	9.775	82.0	348824	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	291918	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	448615	506.2357	ng		-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 202.49%		*	
S 1,2-Dichloroethane-d4	6.230	67.0	191123	499.2690	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 199.71%		*	
S Toluene-d8	8.322	98.0	1826060	536.5850	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 214.63%		*	
S p-Bromofluorobenzene	10.951	95.0	572482	531.1436	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 212.46%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	629961	512.0678	ng		99
T Chloromethane	1.409	50.0	718053	495.7627	ng		100
T Vinyl chloride	1.498	62.0	669671	507.9543	ng		99
T Bromomethane	1.793	96.0	324434	492.3720	ng		96
T Chloroethane	1.894	64.0	289150	463.5741	ng		99
T Trichlorofluoromethane	2.142	101.0	811600	513.3762	ng		100
T 1,1-Dichloroethene	2.700	96.0	479145	520.8803	ng		98
T Methylene chloride	3.333	49.0	641583	479.7159	ng		99
T trans-1,2-Dichloroethene	3.715	96.0	486383	511.8313	ng		99
T Methyl tert-butyl ether (MTBE)	3.751	73.0	632731	532.7227	ng		99
T 1,1-Dichloroethane	4.381	63.0	921258	518.0035	ng		99
T 2,2-Dichloropropane	5.190	77.0	683822	510.2077	ng		96
T cis-1,2-Dichloroethene	5.212	96.0	513671	533.8672	ng		98
T Methyl ethyl ketone	5.279	43.0	752615	5412.5869	ng		100
T Bromochloromethane	5.519	128.0	195140	491.8934	ng		94
T Chloroform	5.650	83.0	879544	495.3045	ng		99

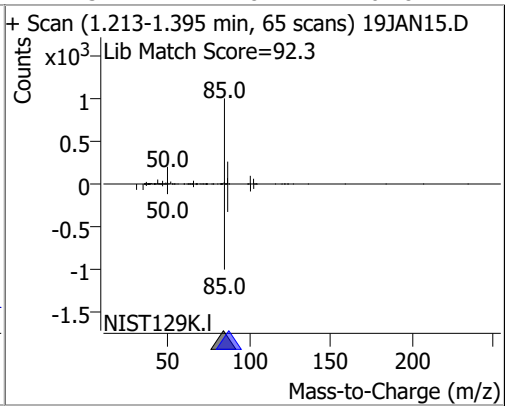
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	863441	526.9948	ng	98
T Carbon tetrachloride	6.027	117.0	851101	535.6026	ng	98
T 1,1-Dichloropropene	6.038	75.0	746500	561.8648	ng	99
T Benzene	6.280	78.0	1913180	523.4472	ng	99
T 1,2-Dichloroethane	6.325	62.0	499614	494.9057	ng	97
T Trichloroethene	7.028	95.0	553822	530.3320	ng	99
T 1,2-Dichloropropane	7.270	63.0	490282	533.9834	ng	96
T Dibromomethane	7.393	93.0	197367	509.9818	ng	99
T Bromodichloromethane	7.585	83.0	561671	516.1211	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	666084	557.7775	ng	100
T Toluene	8.389	92.0	1224192	539.6763	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	477330	547.9867	ng	97
T 1,1,2-Trichloroethane	8.815	83.0	228423	515.7192	ng	96
T Tetrachloroethene	8.935	163.8	486052	528.4090	ng	99
T 1,3-Dichloropropane	8.980	76.0	468322	522.4977	ng	100
T Chlorodibromomethane	9.203	129.0	370474	519.3572	ng	100
T 1,2-Dibromoethane	9.303	107.0	253758	518.7332	ng	96
T Chlorobenzene	9.802	112.0	1298233	522.0725	ng	100
T 1,1,1,2-Tetrachloroethane	9.892	131.0	453261	519.5010	ng	97
T Ethylbenzene	9.920	91.0	2354058	492.0069	ng	100
T m+p-Xylenes	10.039	106.0	1838610	982.9557	ng	100
T o-Xylene	10.433	106.0	822173	490.5696	ng	99
T Styrene	10.447	104.0	1332807	489.9958	ng	100
T Bromoform	10.625	172.5	198345	507.0612	ng	100
T Bromobenzene	11.094	156.0	501025	527.1176	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	273124	503.7746	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	71179	499.7018	ng	97
T 2-Chlorotoluene	11.292	126.0	506556	538.4753	ng	97
T 4-Chlorotoluene	11.400	91.0	1661293	545.2370	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	895336	519.9029	ng	99
T 1,4-Dichlorobenzene	12.123	146.0	899595	512.3936	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	753439	524.0336	ng	98

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

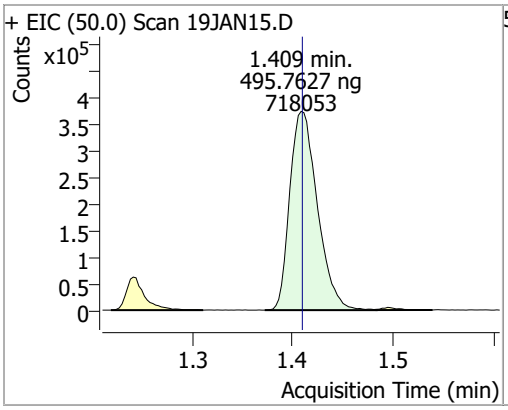
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	512.0678	1.24	0.00	629961	87.0	32.4	1.8	61.8

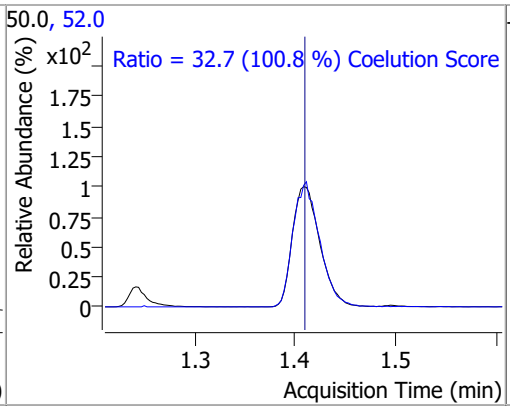


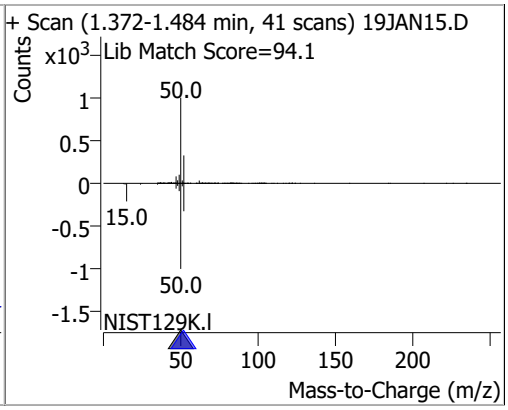




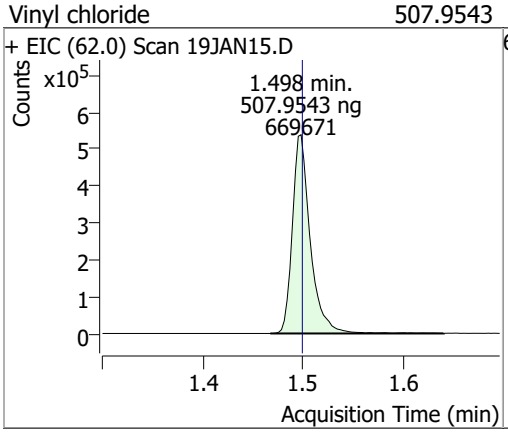
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	495.7627	1.41	0.00	718053	52.0	32.7	2.4	62.4

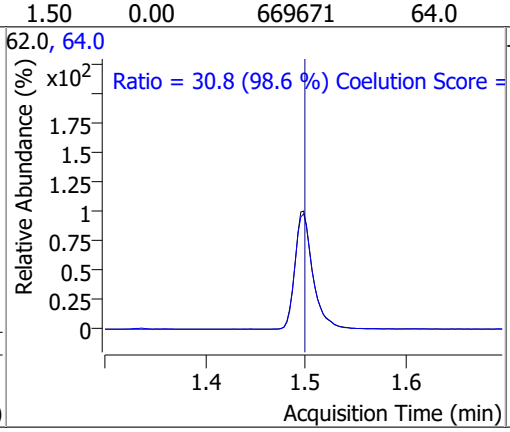


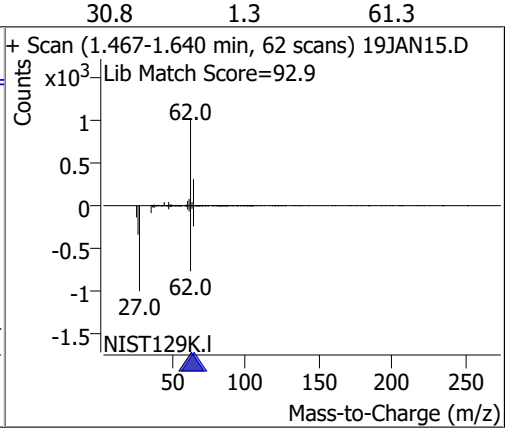




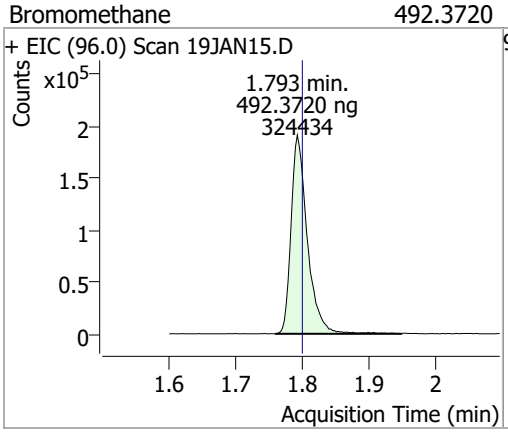
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	507.9543	1.50	0.00	669671	64.0	30.8	1.3	61.3

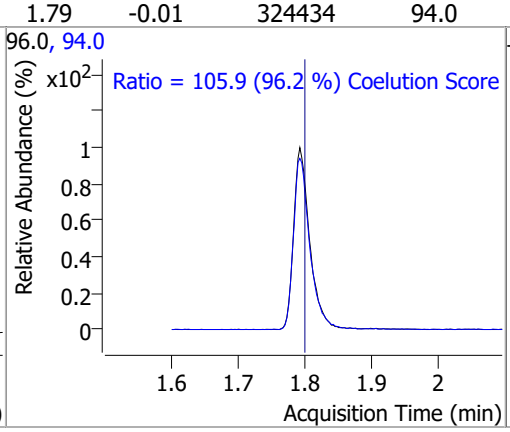


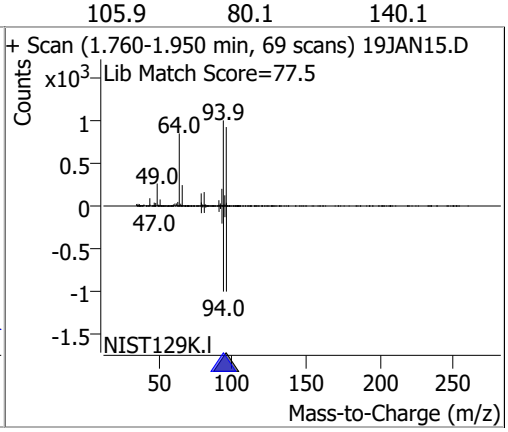




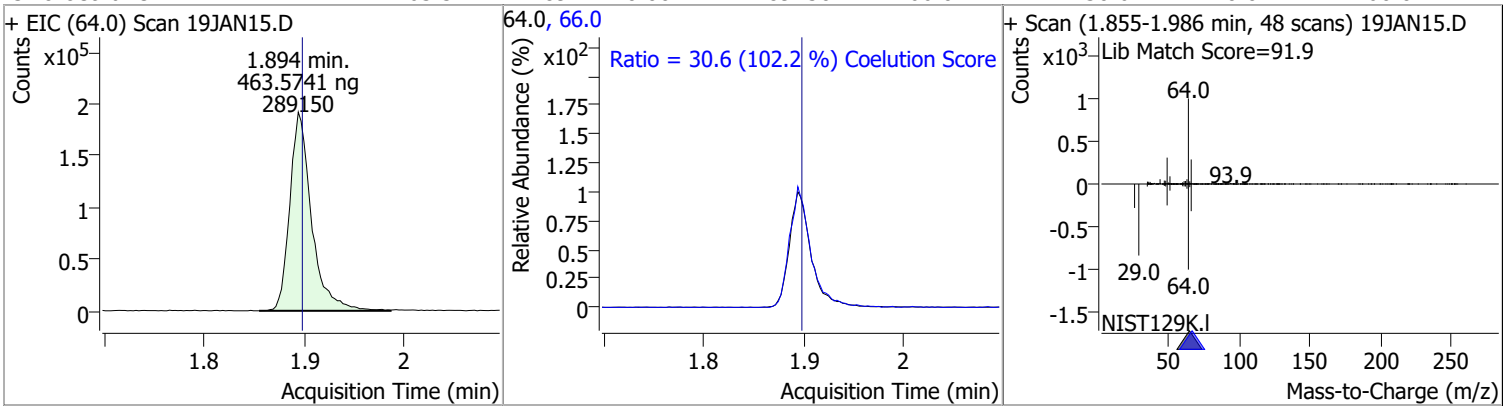
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	492.3720	1.79	-0.01	324434	94.0	105.9	80.1	140.1



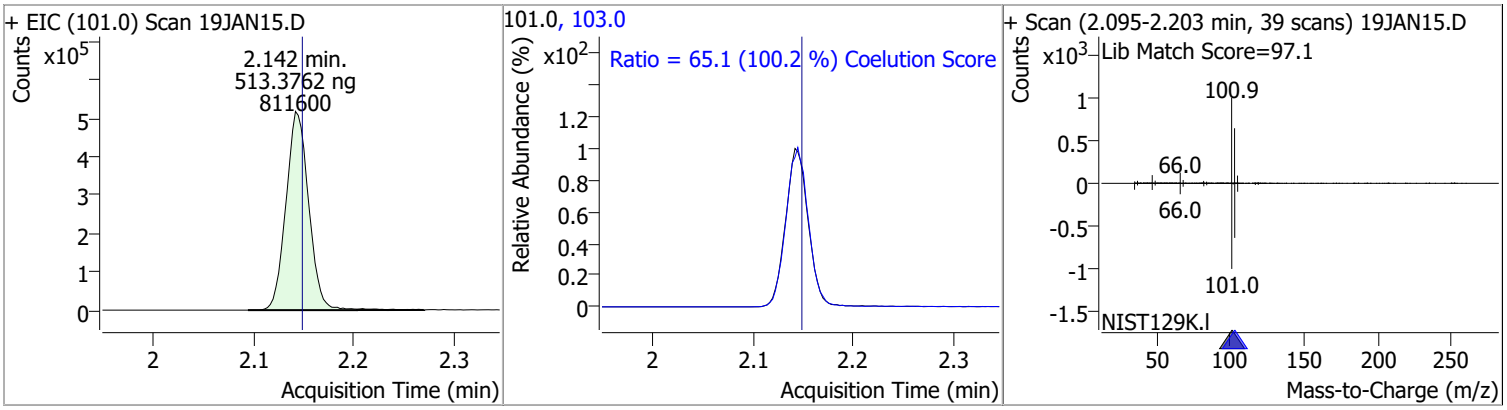




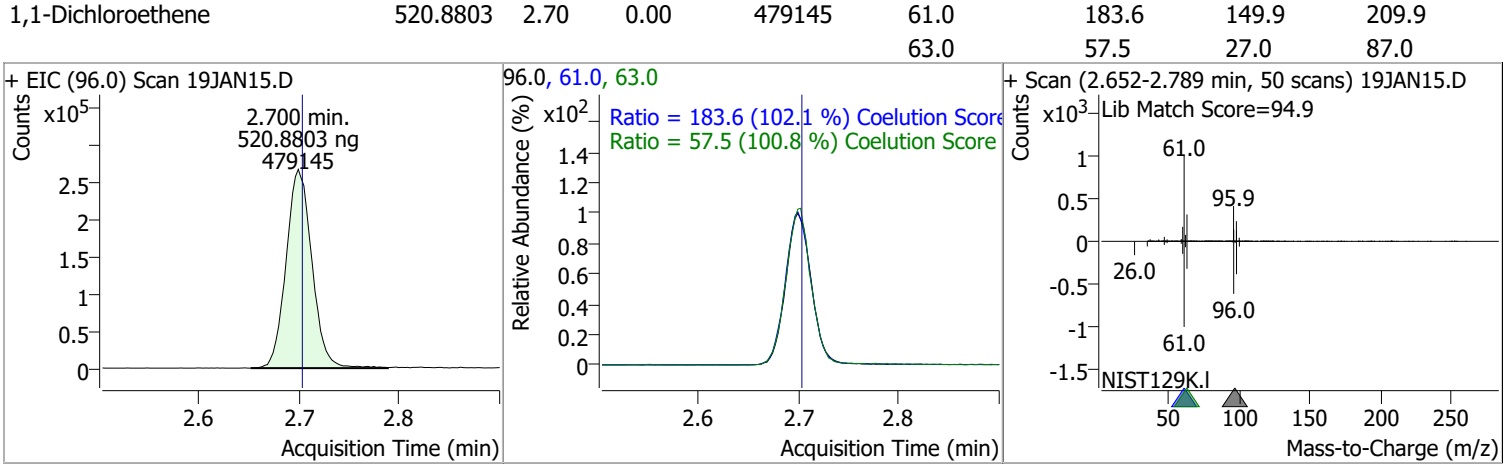
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	463.5741	1.89	0.00	289150	66.0	30.6	0.0	60.0



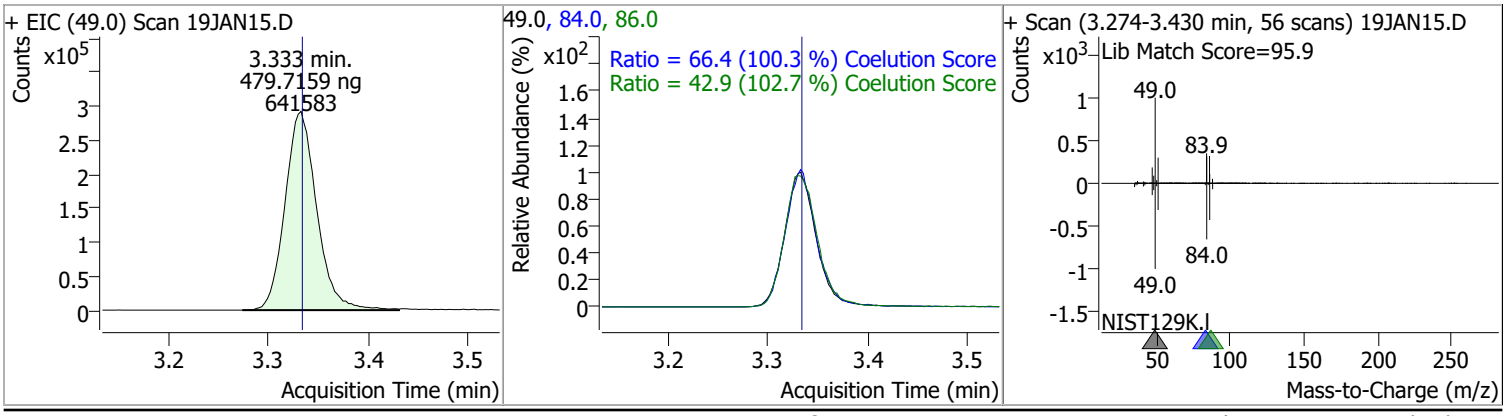
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	513.3762	2.14	-0.01	811600	103.0	65.1	35.0	95.0



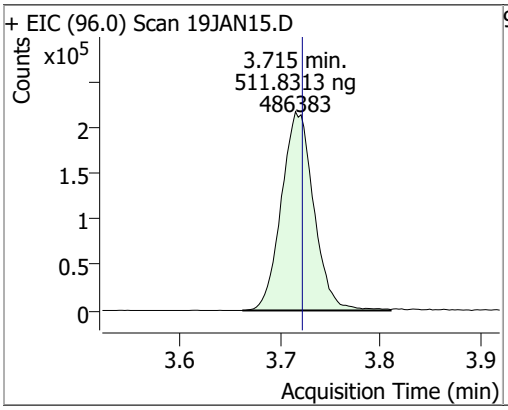
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	520.8803	2.70	0.00	479145	61.0	183.6	149.9	209.9
					63.0	57.5	27.0	87.0

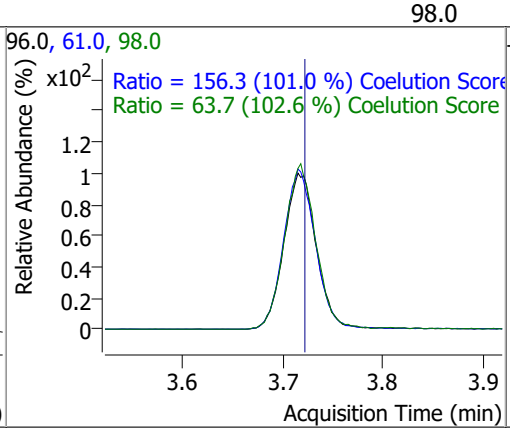


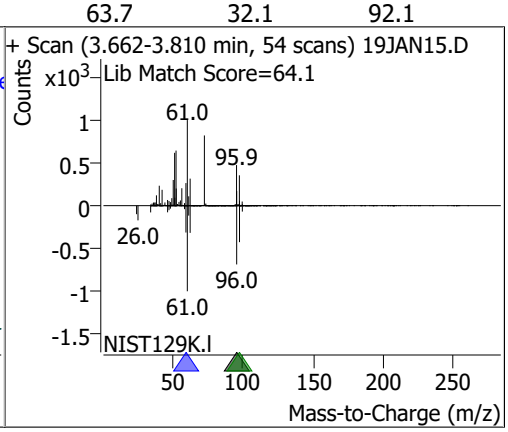
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	479.7159	3.33	0.00	641583	84.0	66.4	36.1	96.1
					86.0	42.9	11.8	71.8



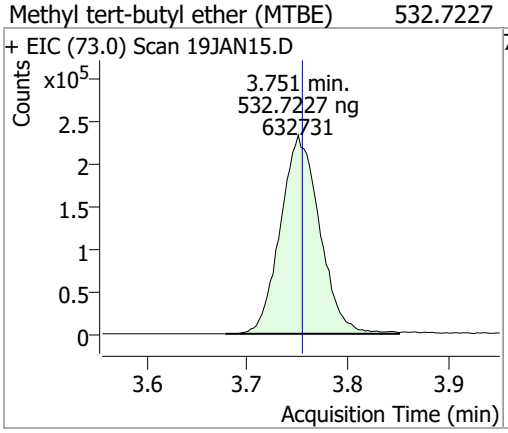
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	511.8313	3.71	-0.01	486383	61.0	156.3	124.8	184.8
					98.0	63.7	32.1	92.1

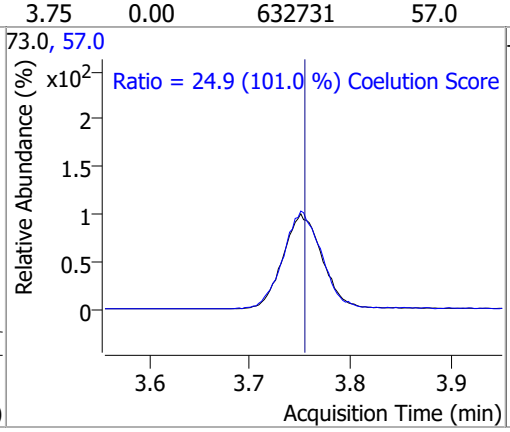


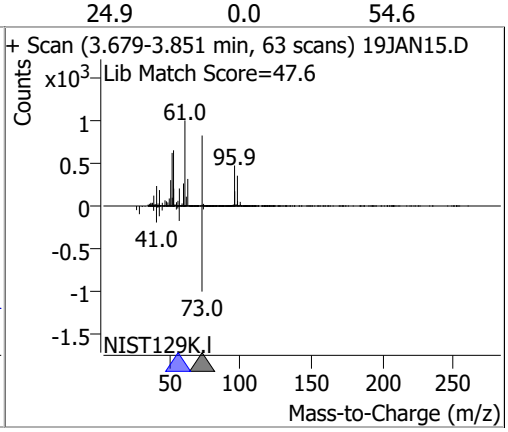




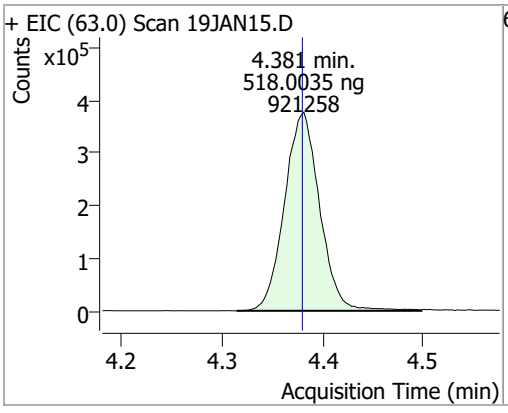
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	532.7227	3.75	0.00	632731	57.0	24.9	0.0	54.6

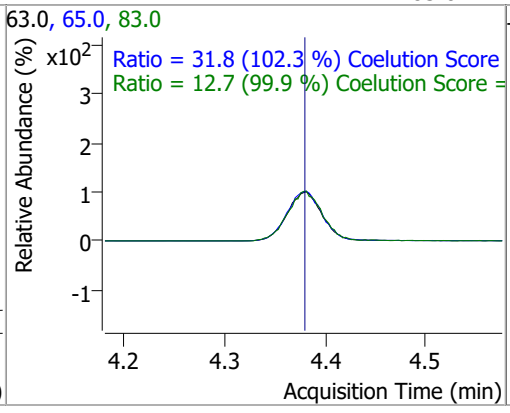


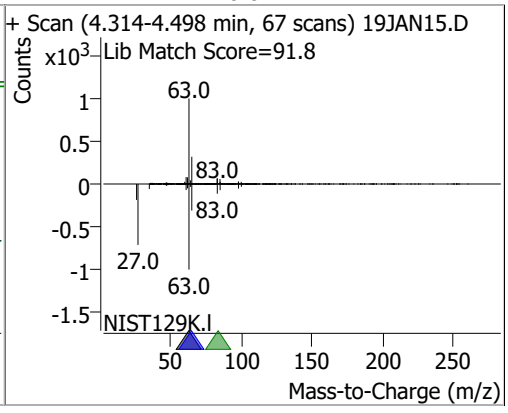




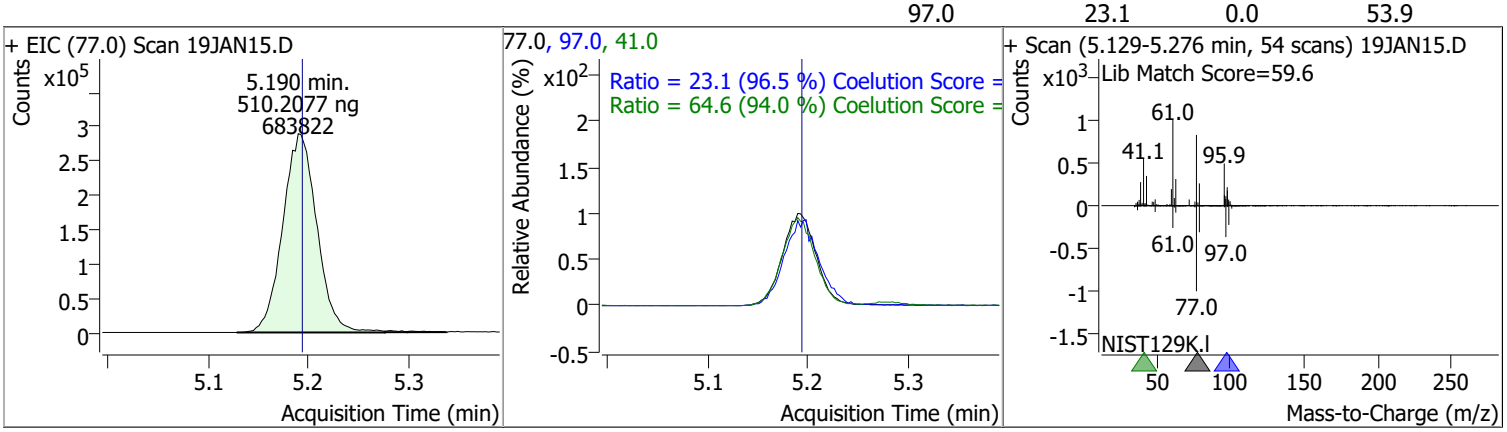
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	518.0035	4.38	0.00	921258	65.0	31.8	1.0	61.0
					83.0	12.7	0.0	42.7



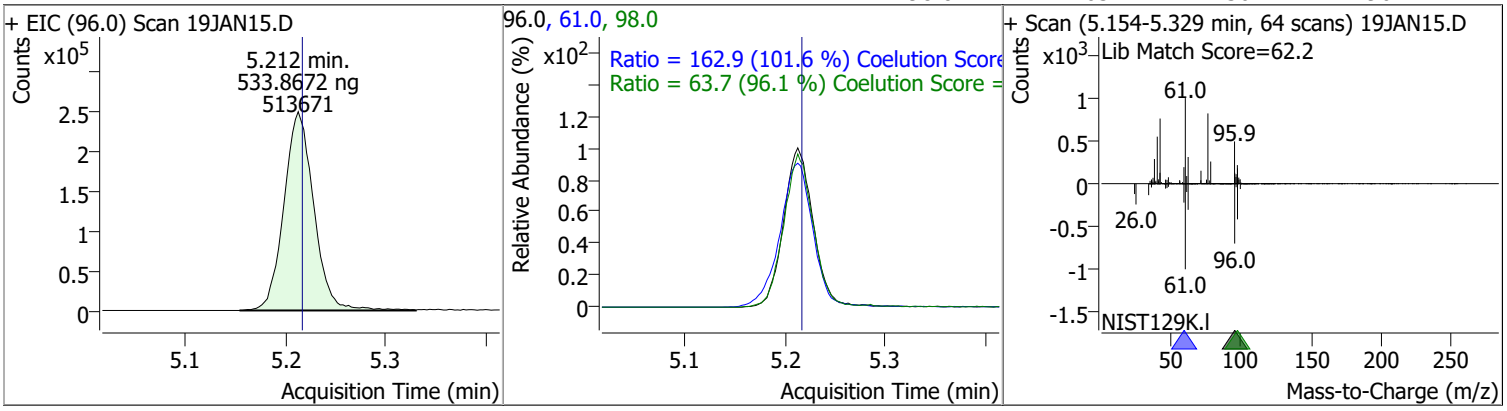




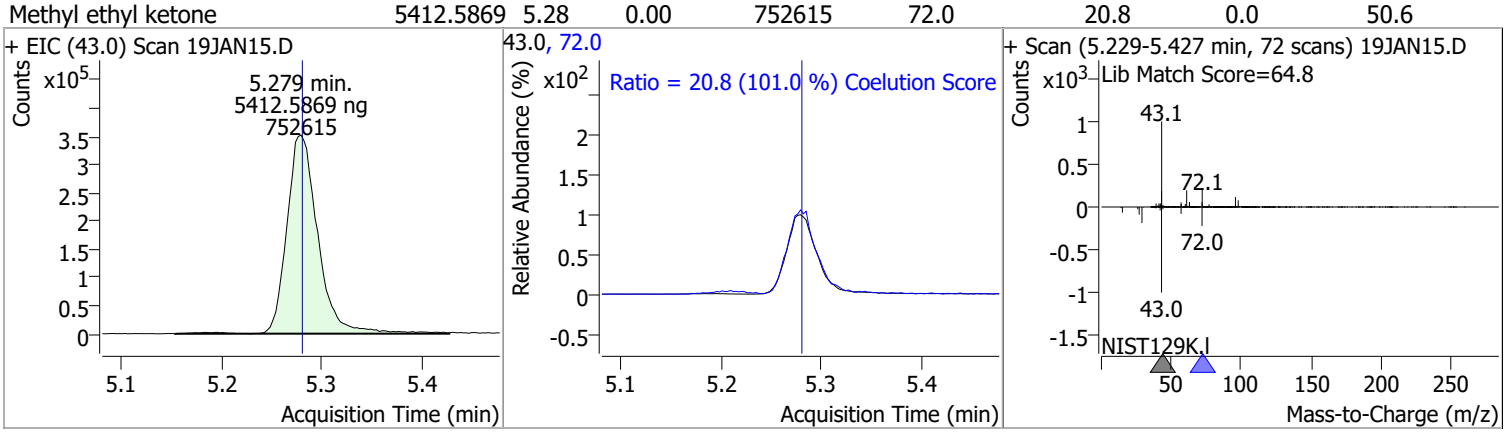
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	510.2077	5.19	0.00	683822	41.0	64.6	38.8	98.8
					97.0	23.1	0.0	53.9



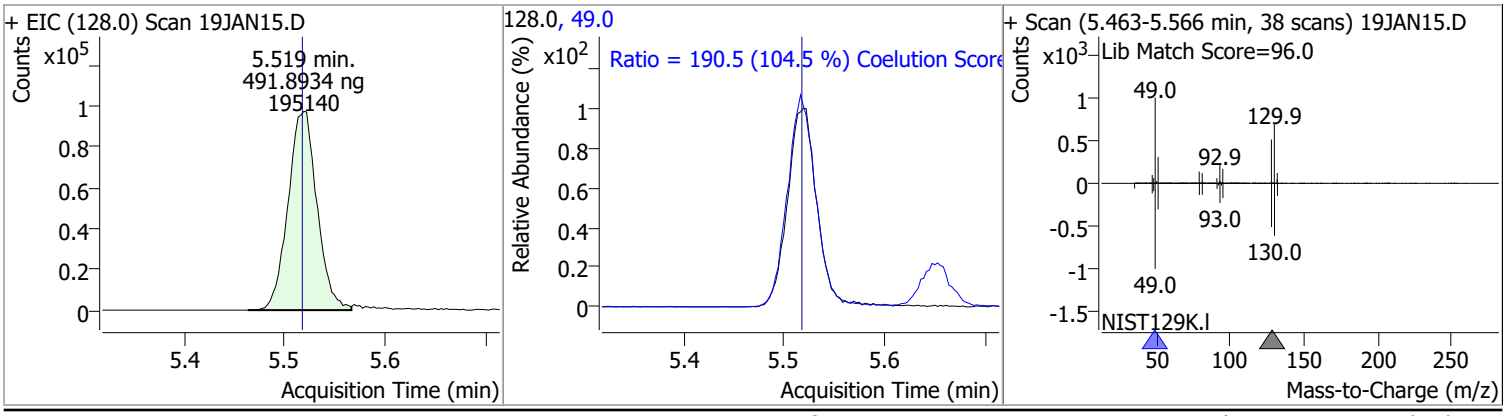
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	533.8672	5.21	0.00	513671	61.0	162.9	130.4	190.4
					98.0	63.7	36.2	96.2



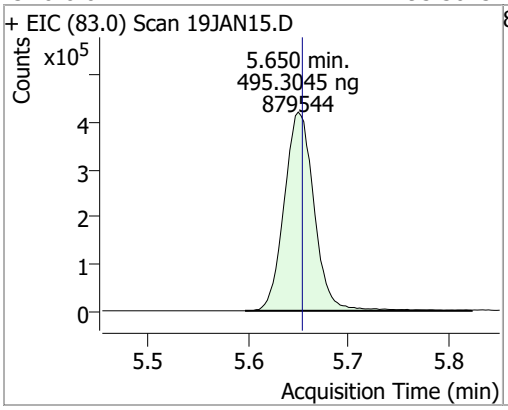
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	5412.5869	5.28	0.00	752615	72.0	20.8	0.0	50.6

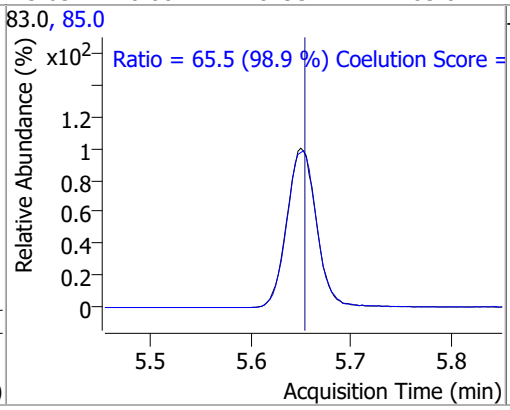


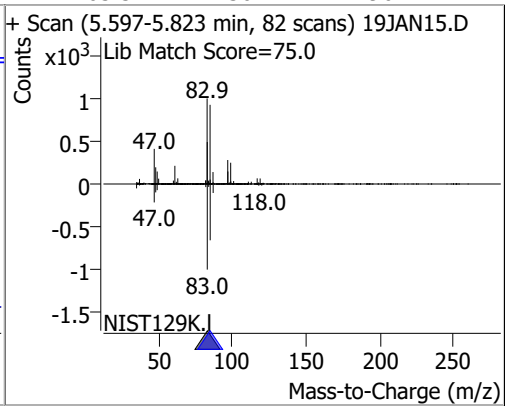
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	491.8934	5.52	0.00	195140	49.0	190.5	152.2	212.2



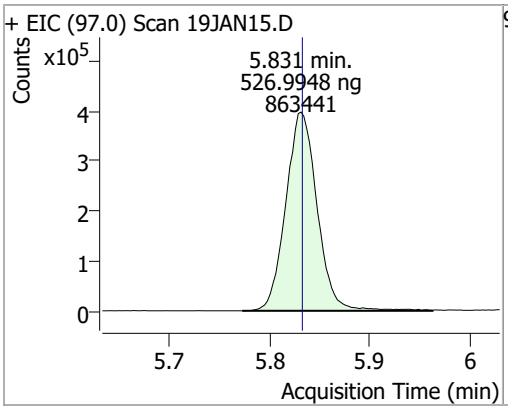
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	495.3045	5.65	0.00	879544	85.0	65.5	36.2	96.2

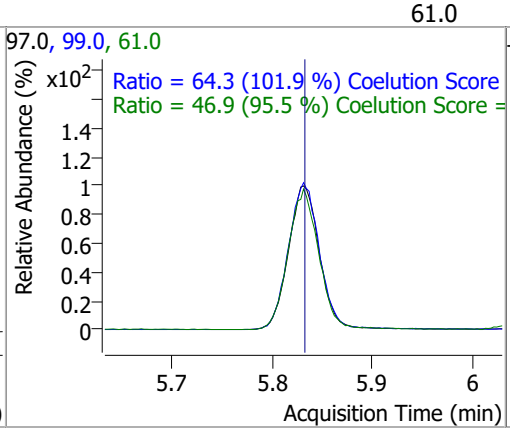


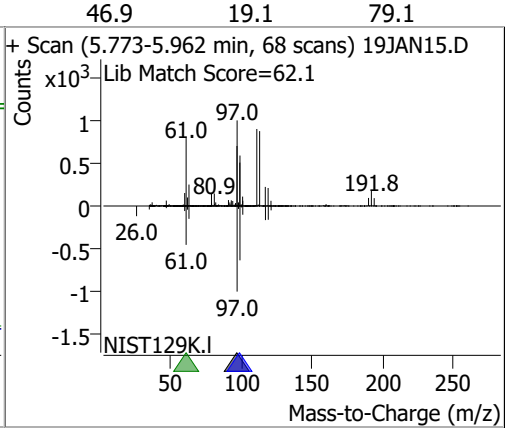




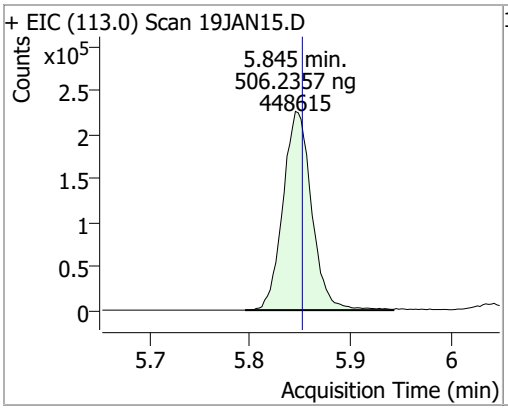
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	526.9948	5.83	0.00	863441	99.0	64.3	33.1	93.1
					61.0	46.9	19.1	79.1

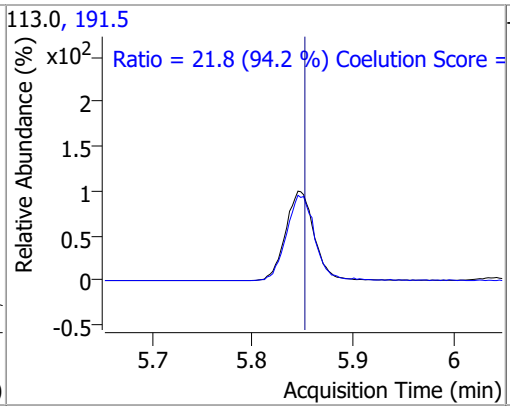


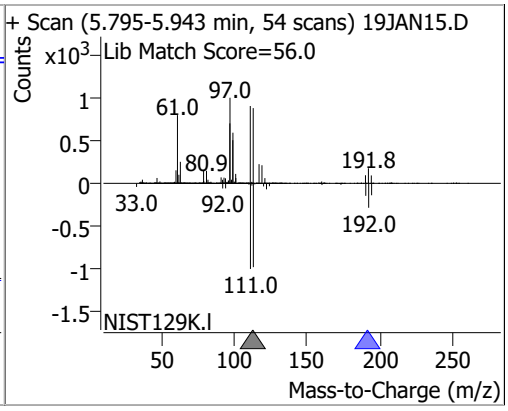




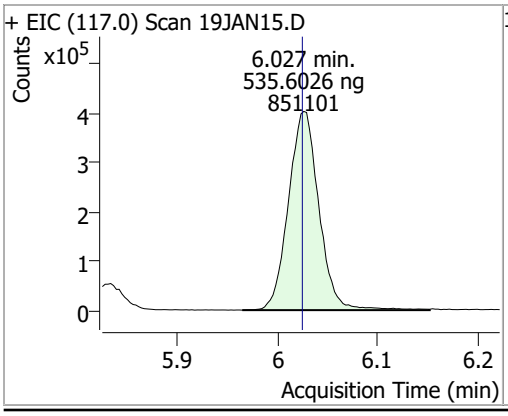
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	506.2357	5.85	-0.01	448615	191.5	21.8	0.0	53.2

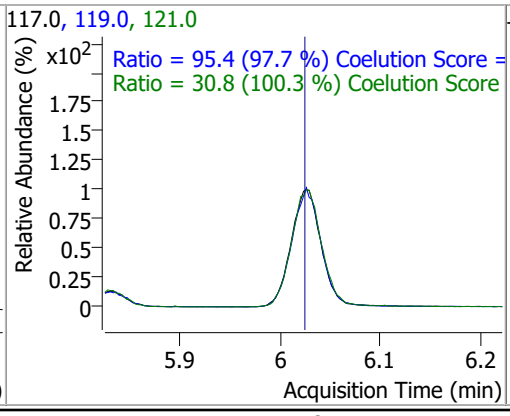


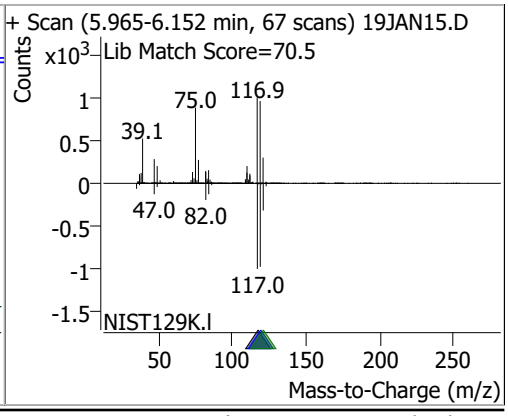




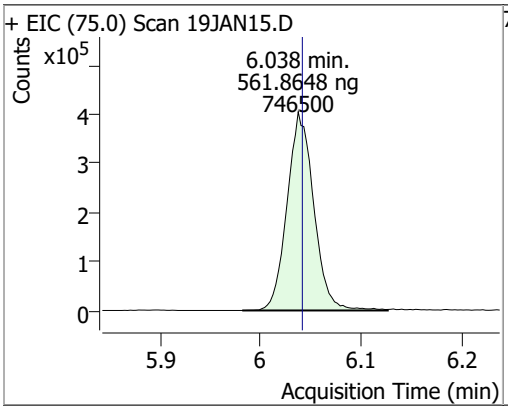
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	535.6026	6.03	0.00	851101	119.0	95.4	67.6	127.6
					121.0	30.8	0.7	60.7

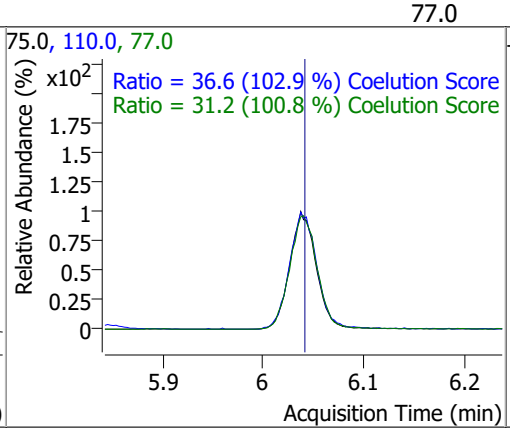


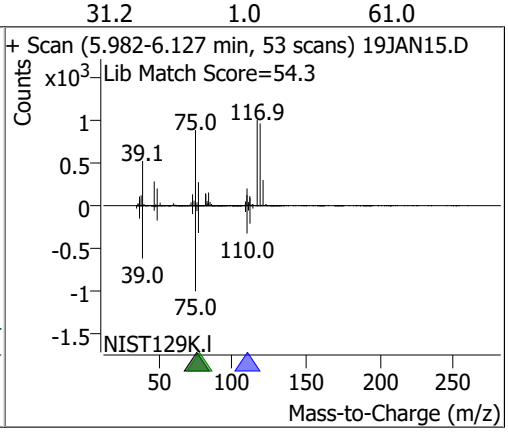




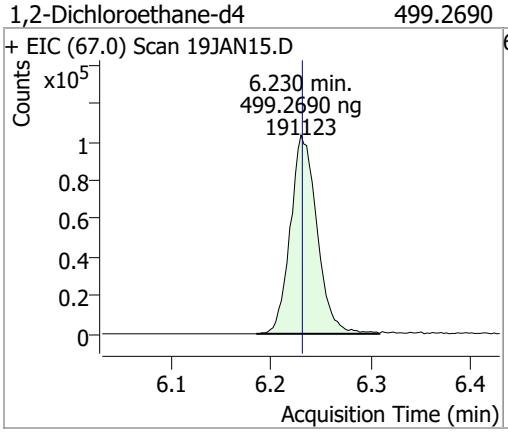
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	561.8648	6.04	0.00	746500	110.0	36.6	5.6	65.6
					77.0	31.2	1.0	61.0

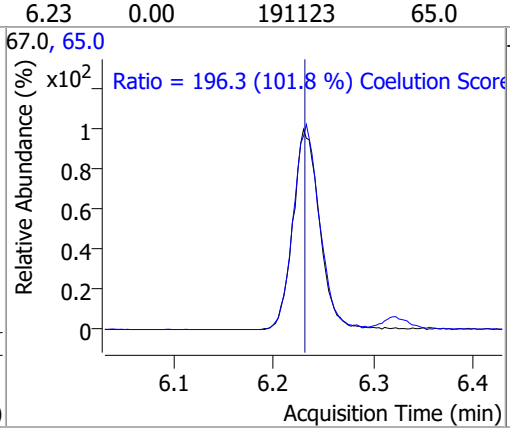


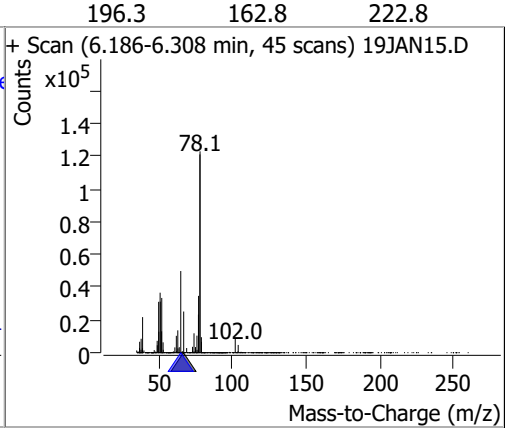




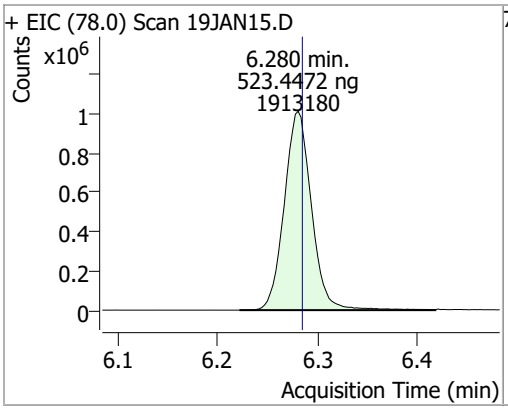
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	499.2690	6.23	0.00	191123	65.0	196.3	162.8	222.8

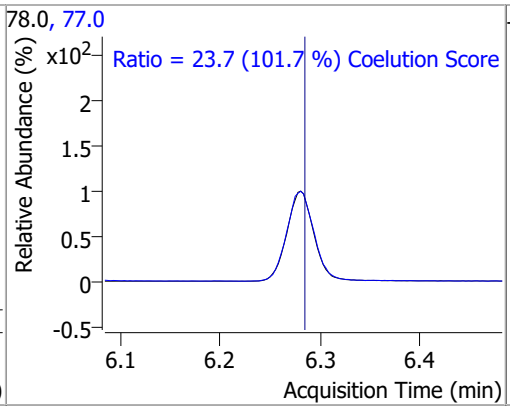


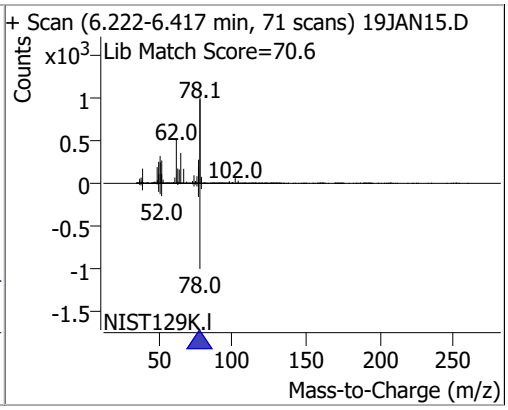




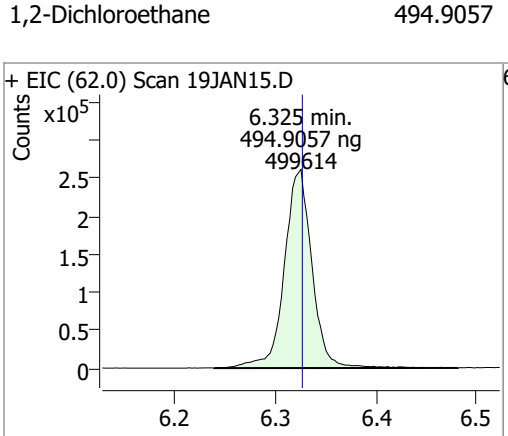
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	523.4472	6.28	0.00	1913180	77.0	23.7	0.0	53.3

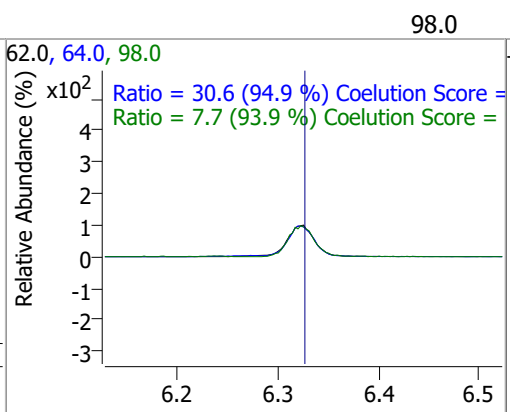


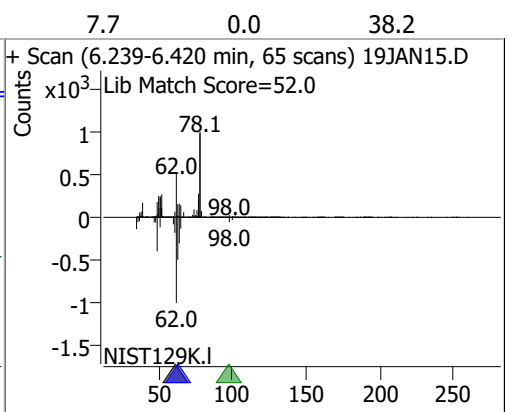




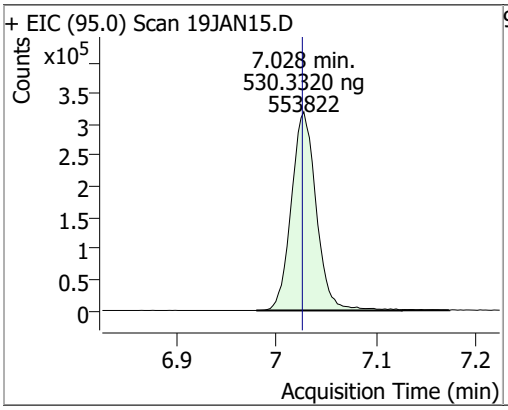
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	494.9057	6.32	0.00	499614	64.0	30.6	2.2	62.2
					98.0	7.7	0.0	38.2

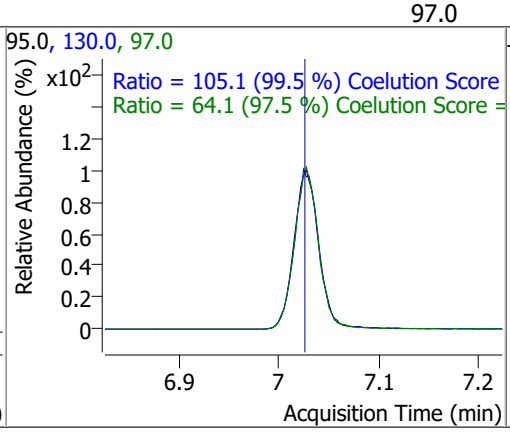


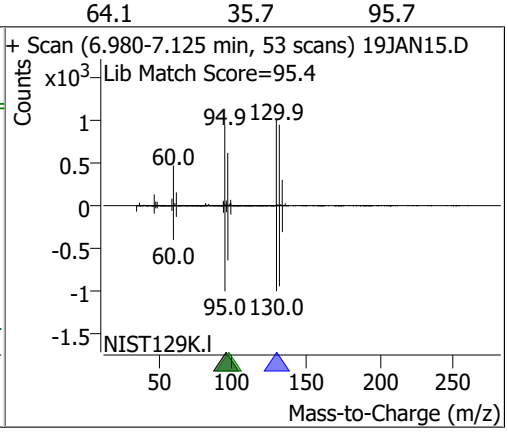




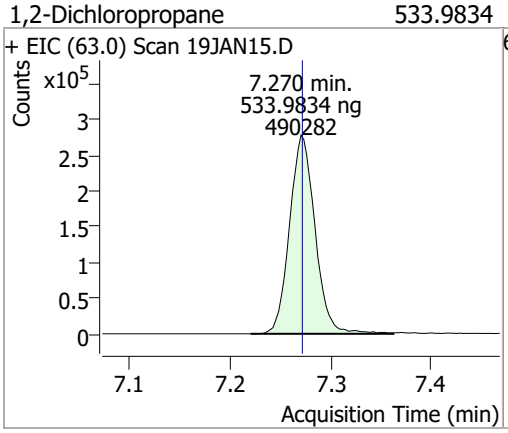
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	530.3320	7.03	0.00	553822	130.0	105.1	75.6	135.6
					97.0	64.1	35.7	95.7

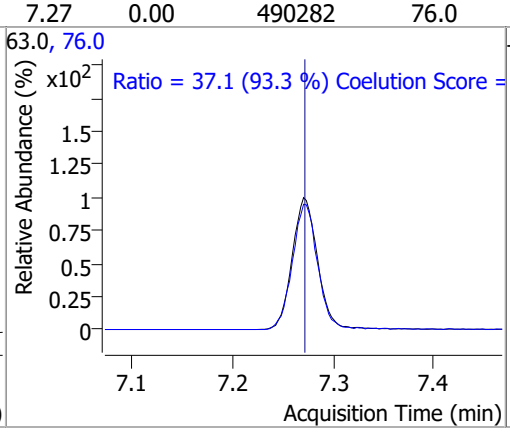


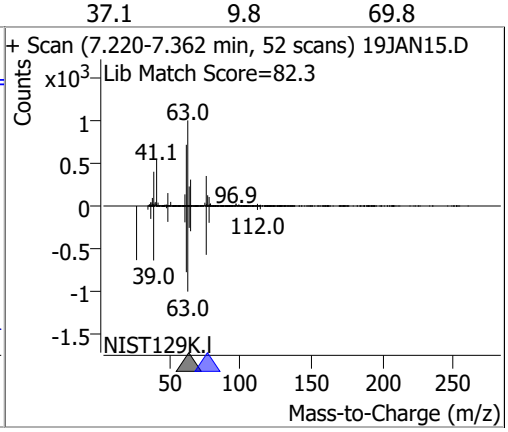




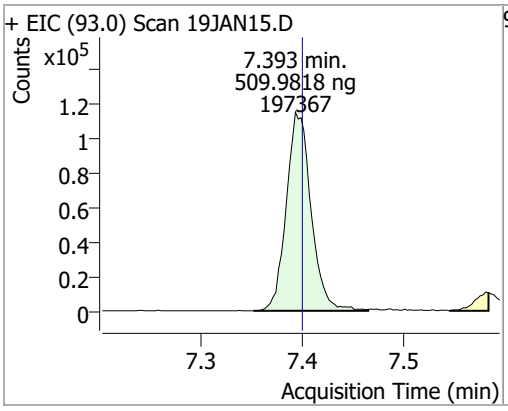
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	533.9834	7.27	0.00	490282	76.0	37.1	9.8	69.8

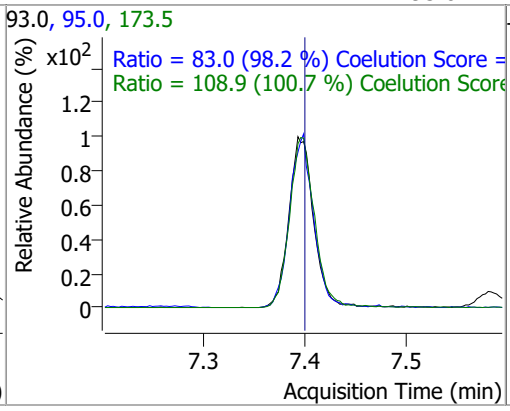


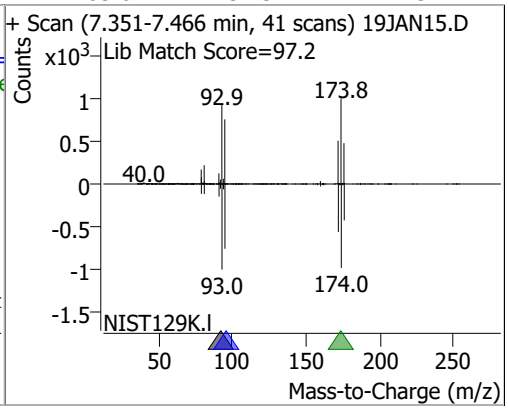




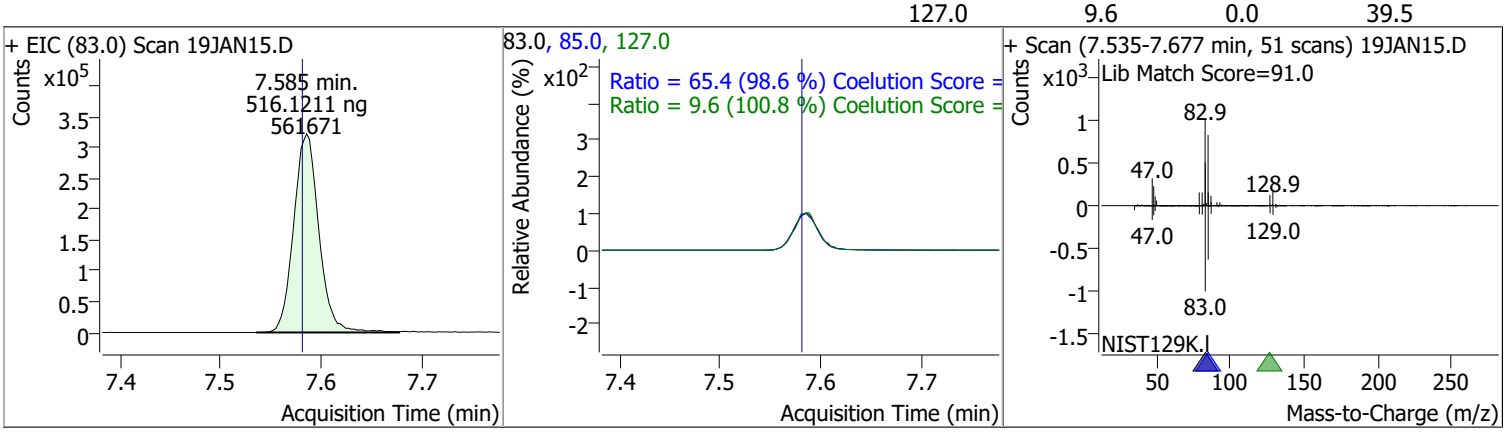
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	509.9818	7.39	-0.01	197367	173.5	108.9	78.2	138.2
					95.0	83.0	54.5	114.5



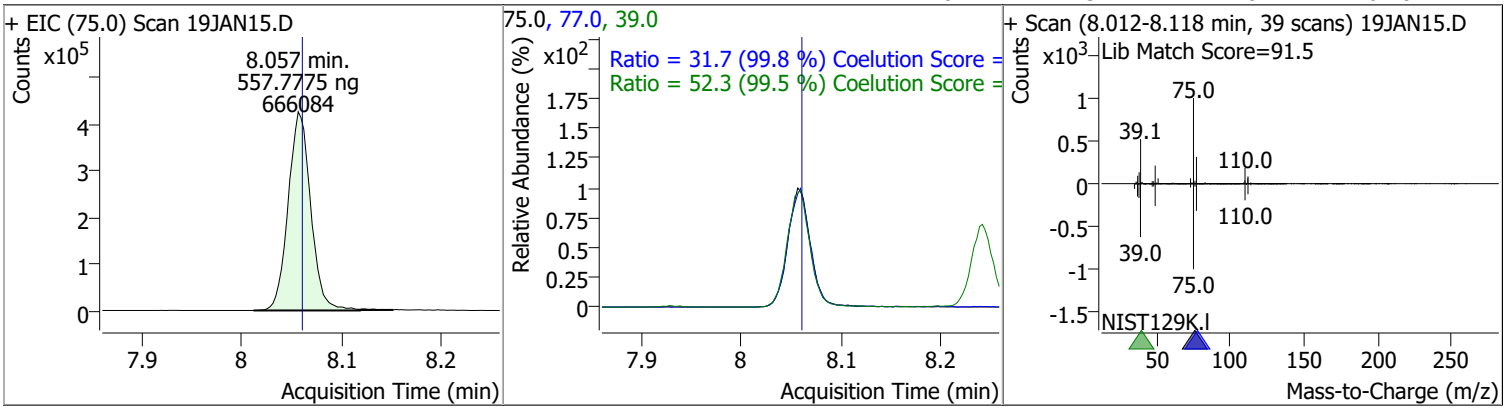




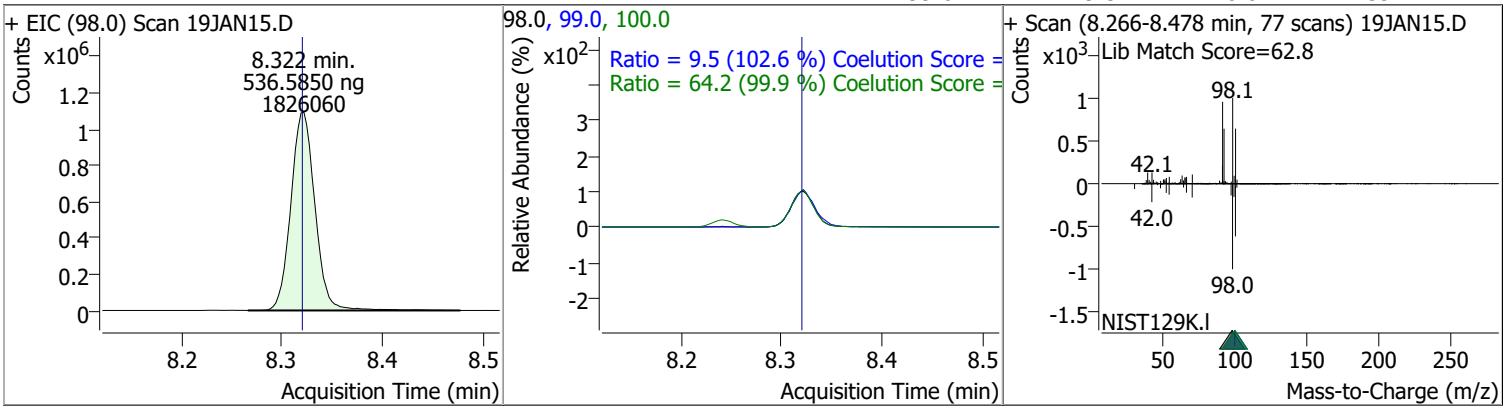
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	516.1211	7.59	0.01	561671	85.0	65.4	36.3	96.3
					127.0	9.6	0.0	39.5



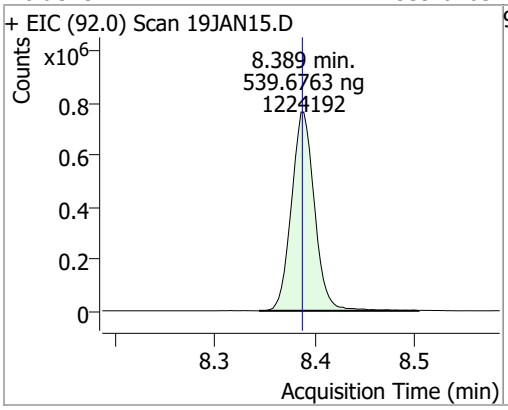
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	557.7775	8.06	0.00	666084	39.0	52.3	22.5	82.5
					77.0	31.7	1.8	61.8

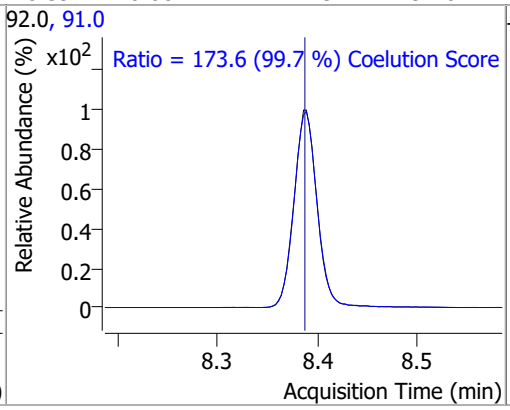


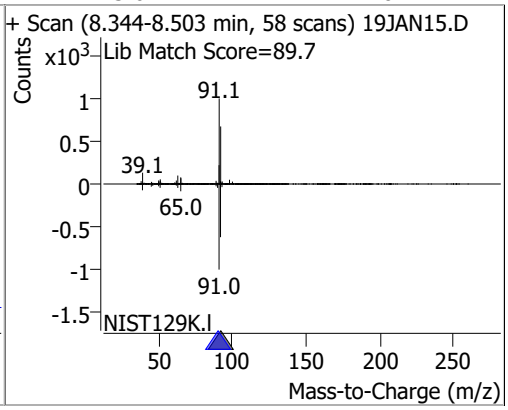
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	536.5850	8.32	0.00	1826060	100.0	64.2	34.3	94.3
					99.0	9.5	0.0	39.2



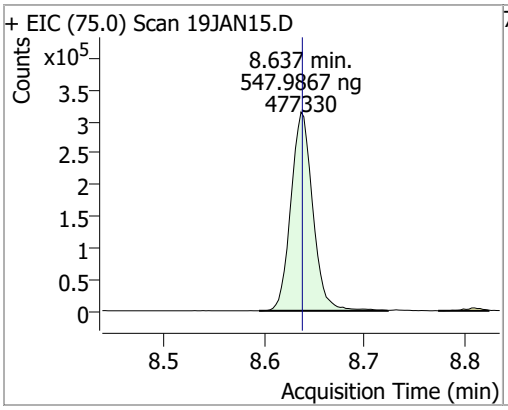
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	539.6763	8.39	0.00	1224192	91.0	173.6	144.1	204.1

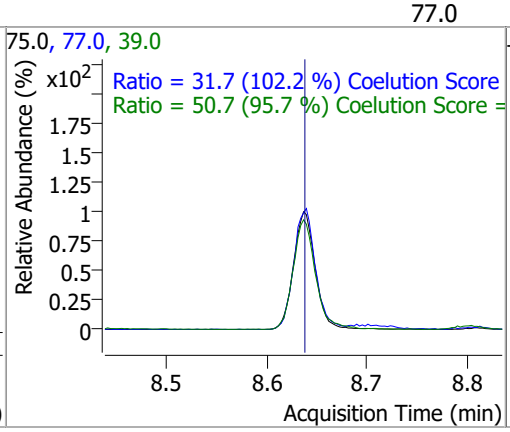


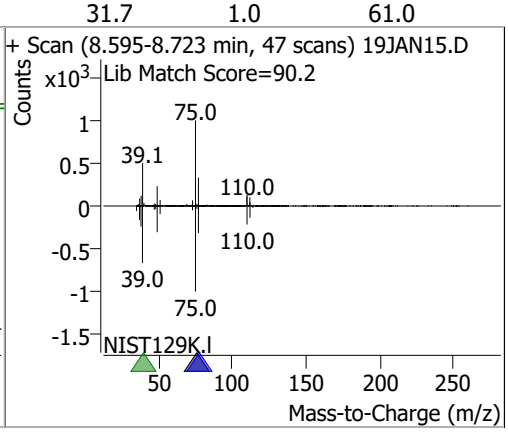




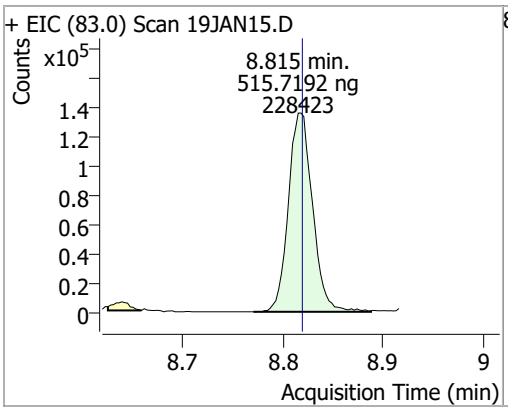
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	547.9867	8.64	0.00	477330	39.0	50.7	23.0	83.0
					77.0	31.7	1.0	61.0

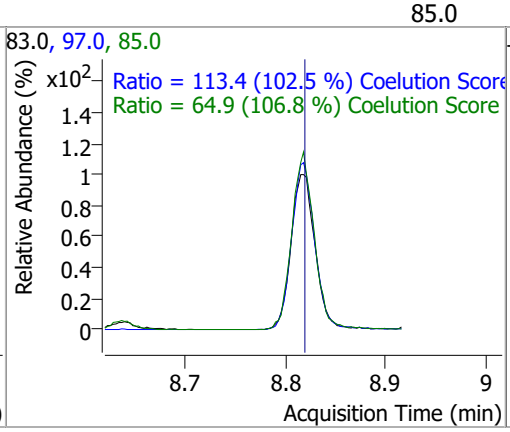


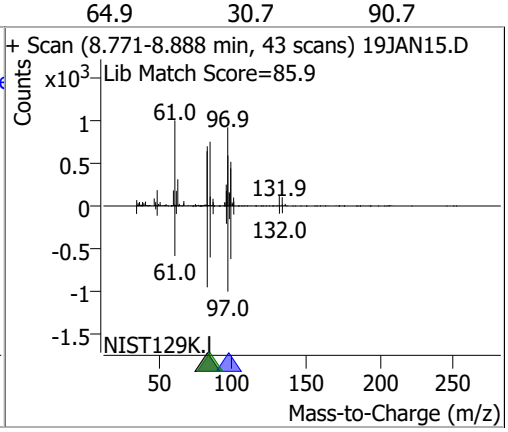




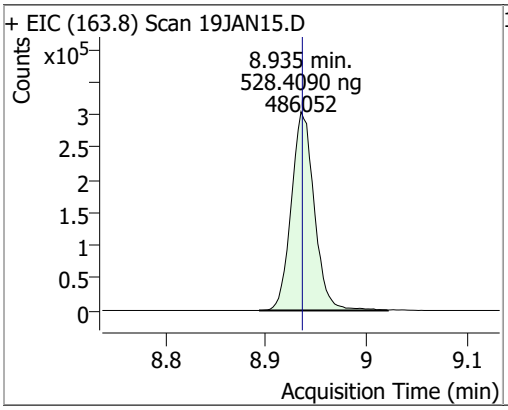
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	515.7192	8.82	0.00	228423	97.0	113.4	80.7	140.7
					85.0	64.9	30.7	90.7

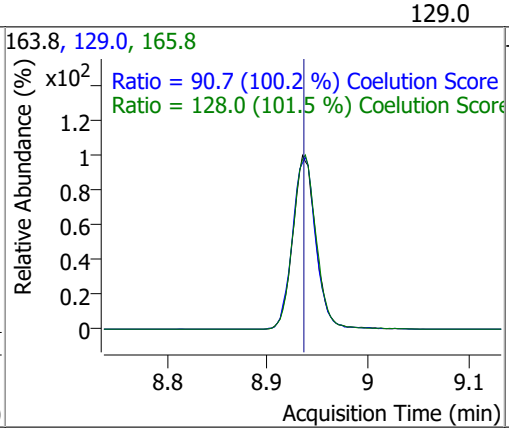


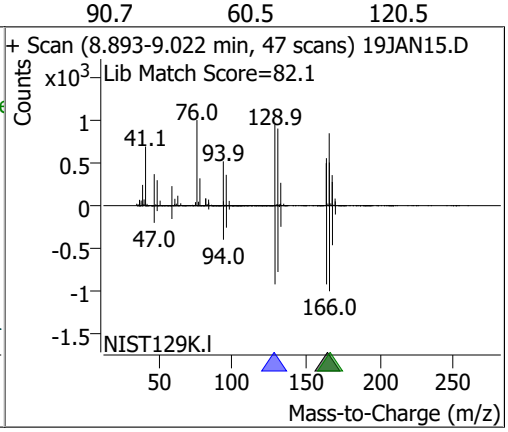




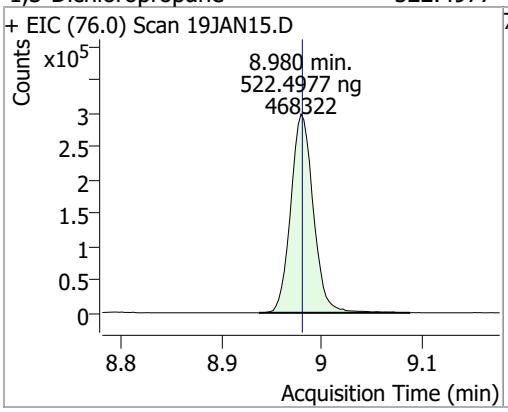
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	528.4090	8.94	0.00	486052	165.8	128.0	96.1	156.1
					129.0	90.7	60.5	120.5

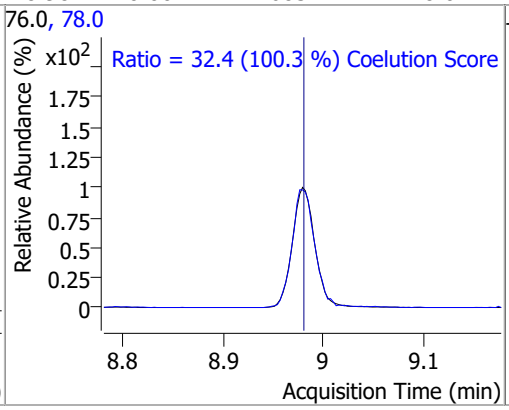


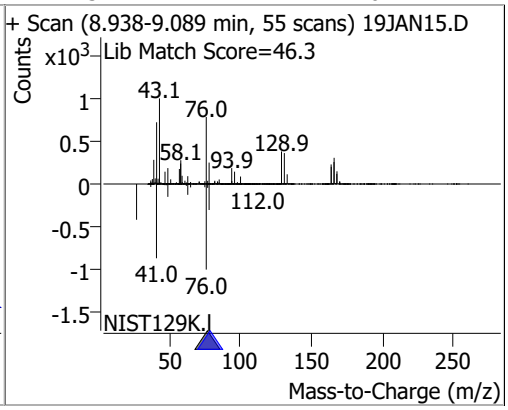




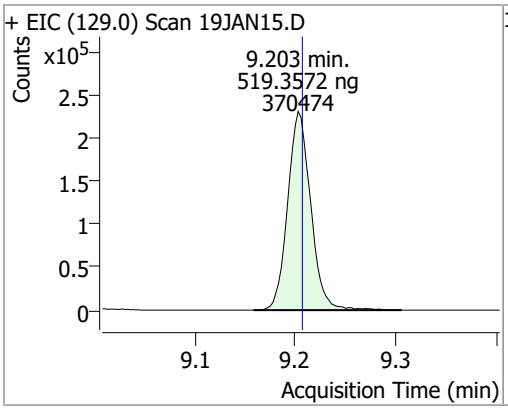
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	522.4977	8.98	0.00	468322	78.0	32.4	2.4	62.4

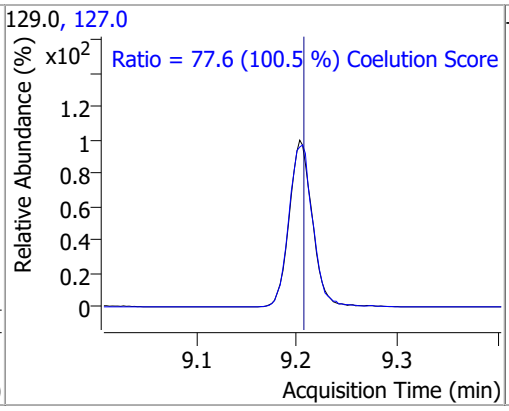


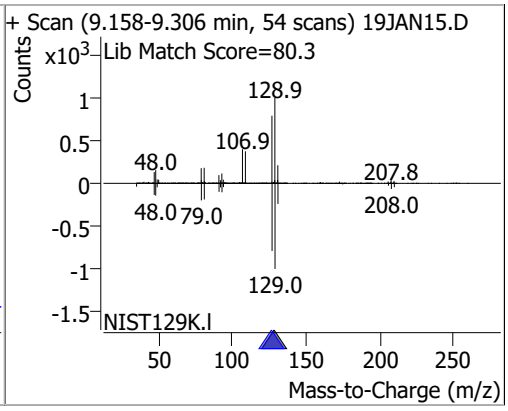




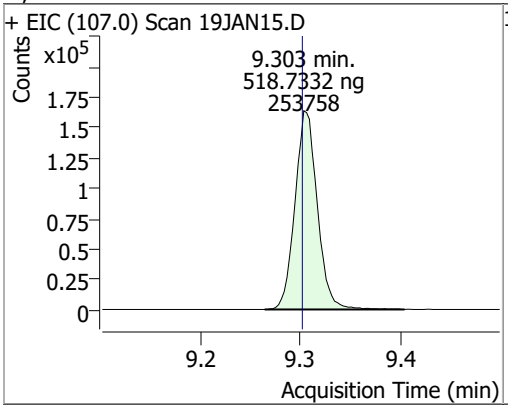
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	519.3572	9.20	0.00	370474	127.0	77.6	47.2	107.2

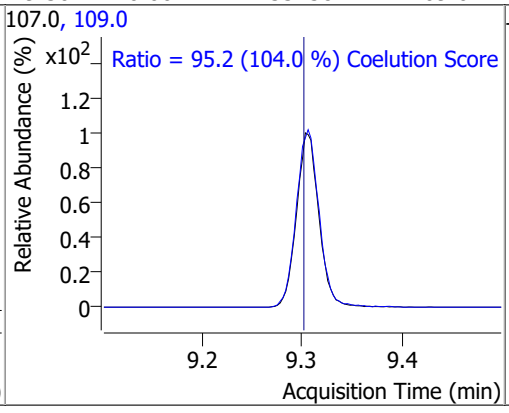


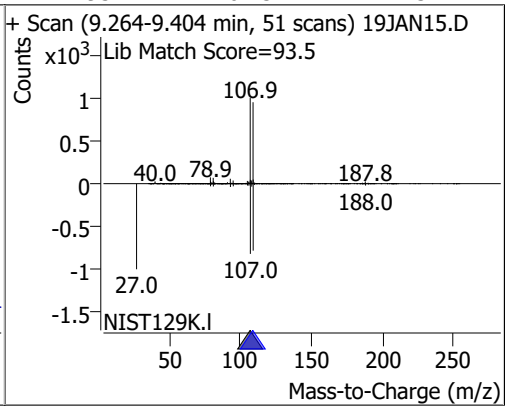




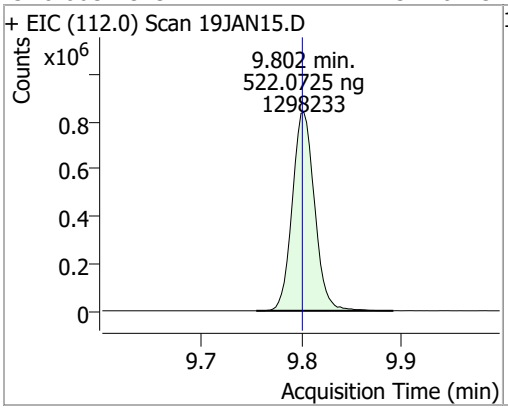
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	518.7332	9.30	0.00	253758	109.0	95.2	61.5	121.5

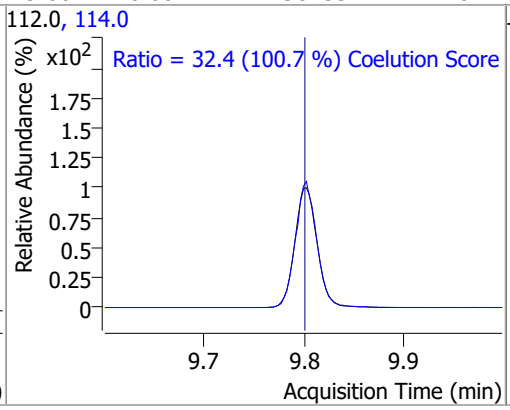


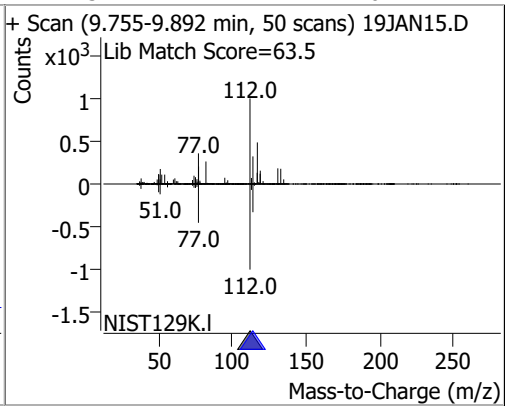




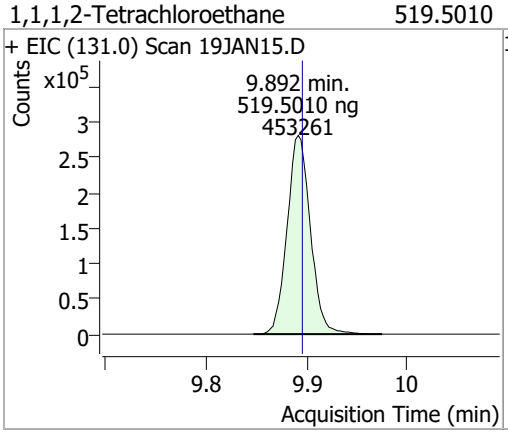
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	522.0725	9.80	0.00	1298233	114.0	32.4	2.2	62.2

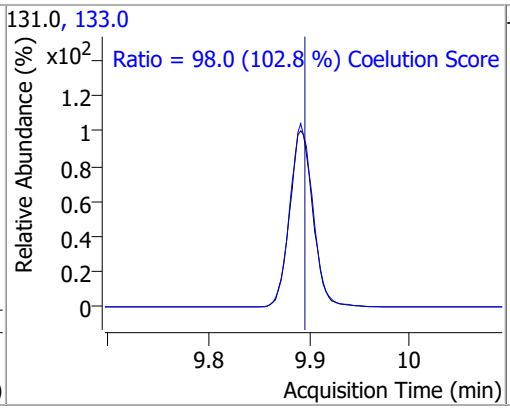


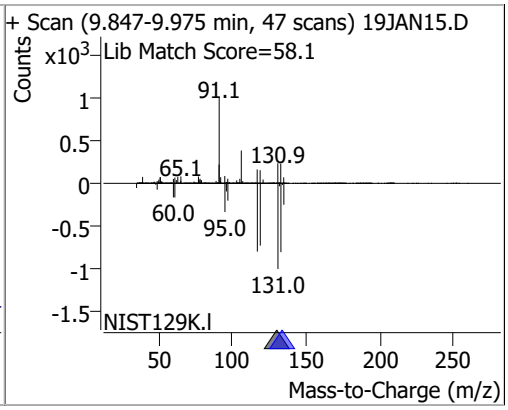




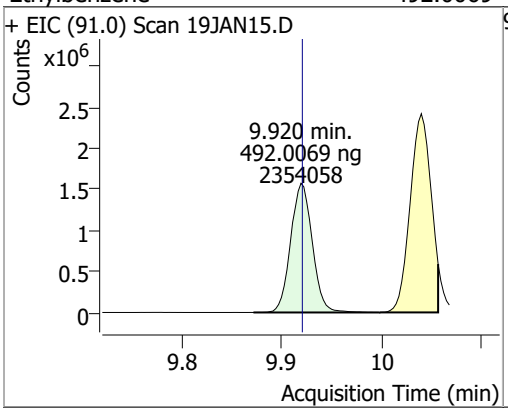
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	519.5010	9.89	0.00	453261	133.0	98.0	65.3	125.3

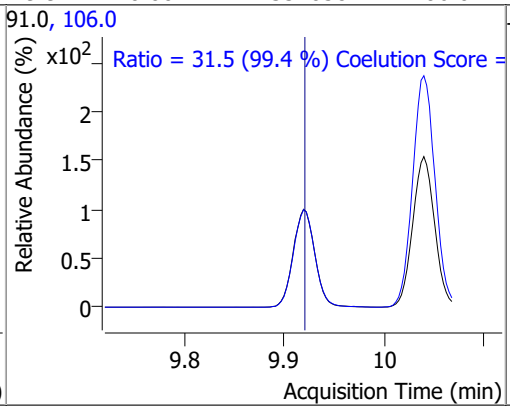


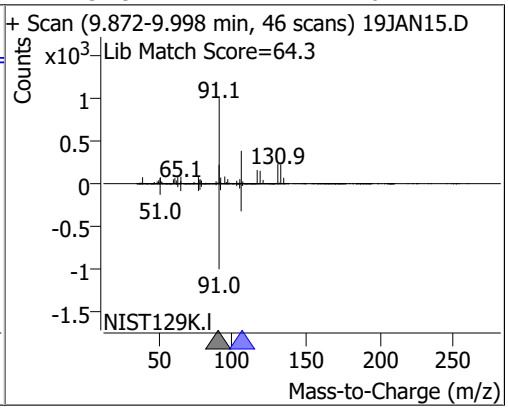




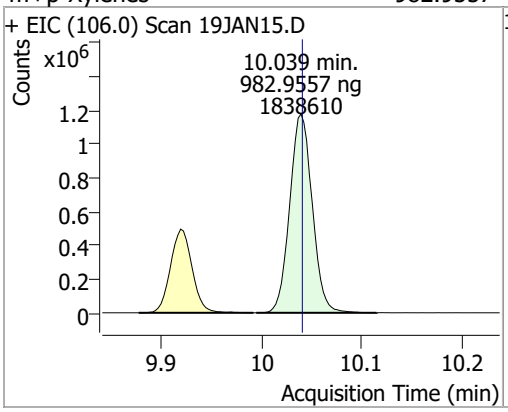
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	492.0069	9.92	0.00	2354058	106.0	31.5	1.7	61.7

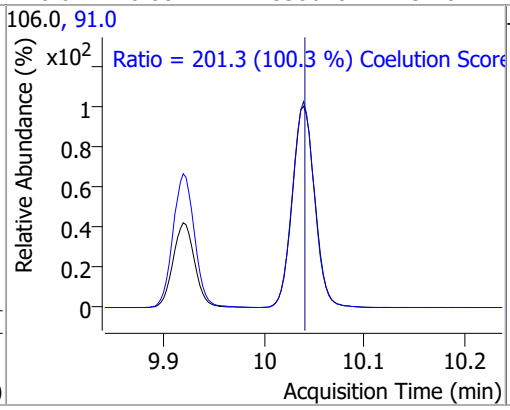


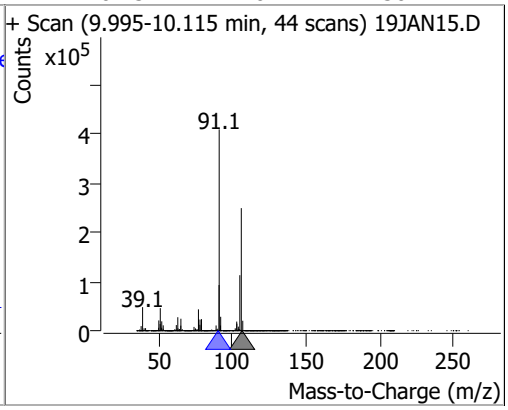




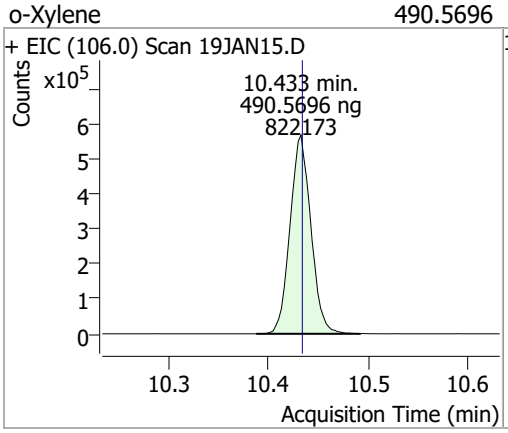
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	982.9557	10.04	0.00	1838610	91.0	201.3	170.7	230.7

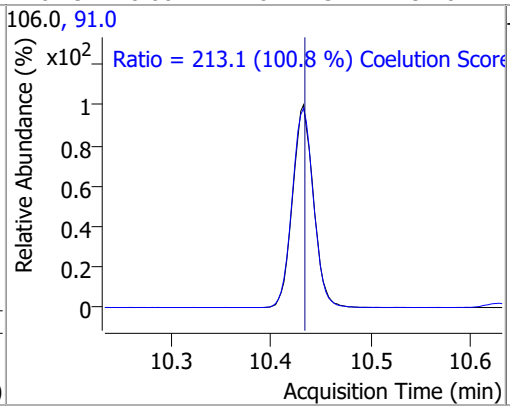


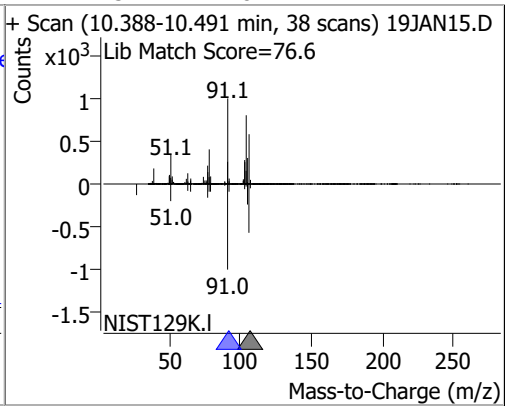




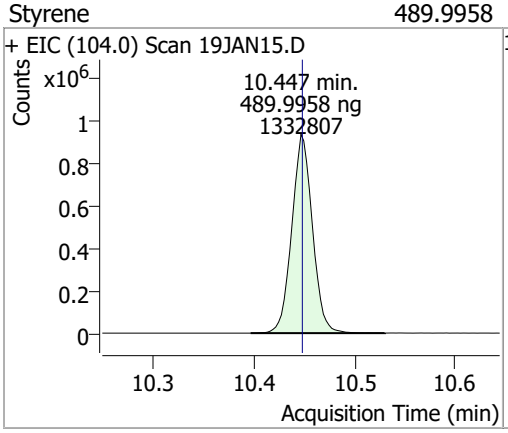
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	490.5696	10.43	0.00	822173	91.0	213.1	181.4	241.4

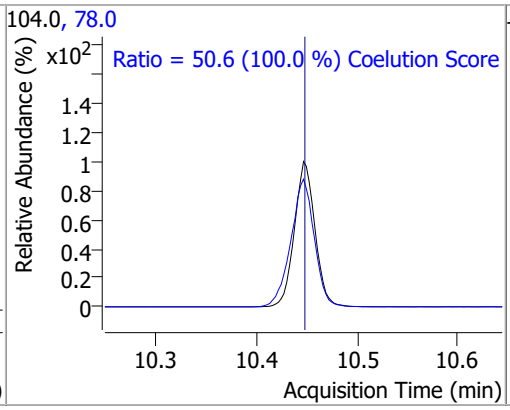


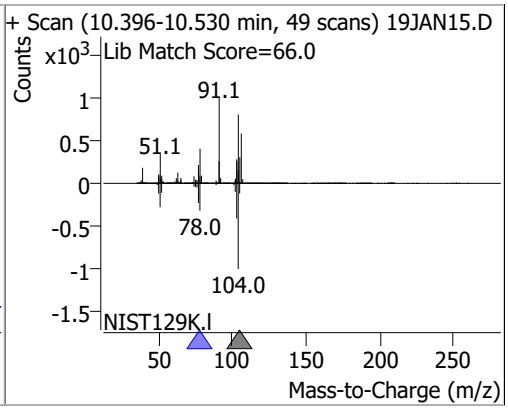




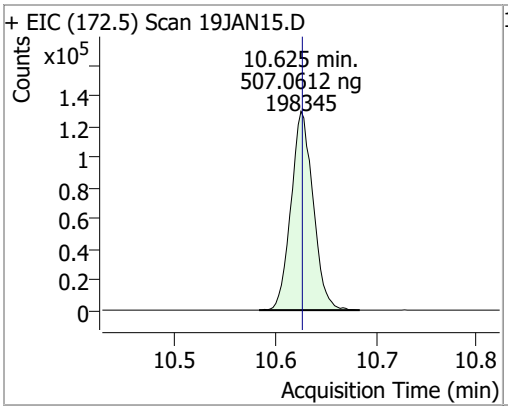
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	489.9958	10.45	0.00	1332807	78.0	50.6	20.6	80.6

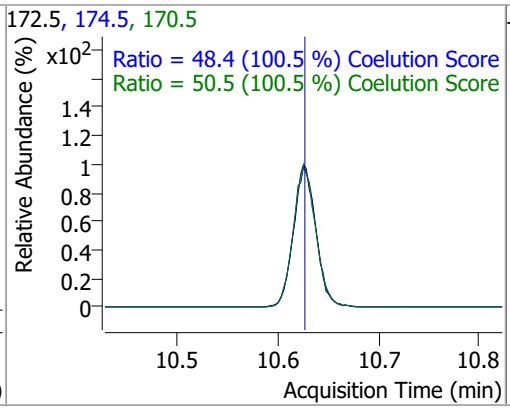


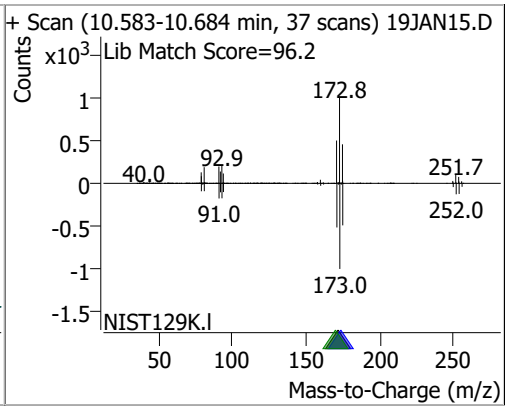




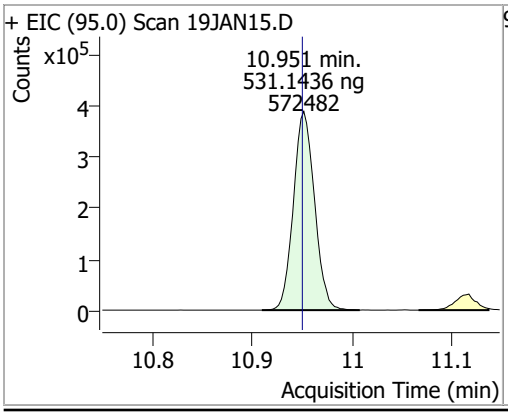
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	507.0612	10.63	0.00	198345	170.5	50.5	20.3	80.3
					174.5	48.4	18.1	78.1

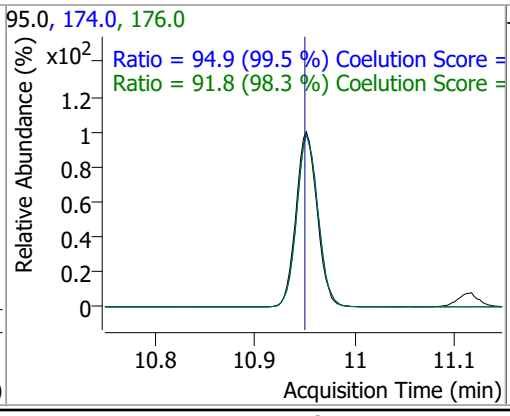


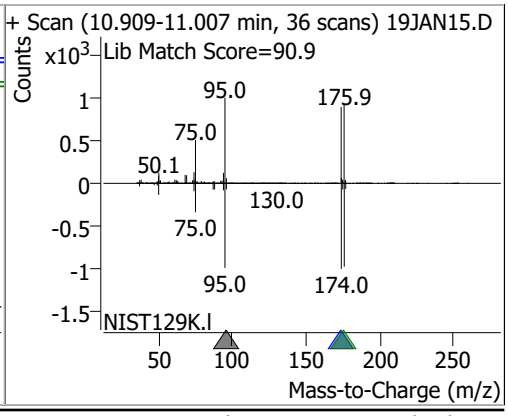




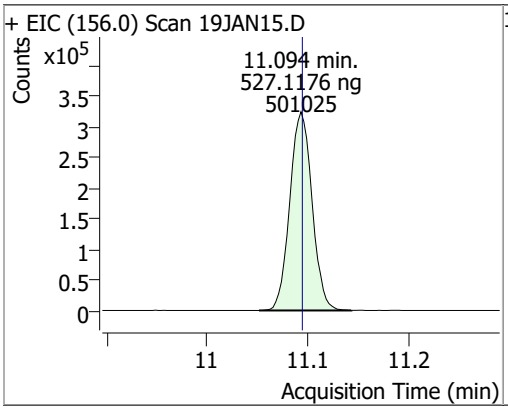
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	531.1436	10.95	0.00	572482	174.0	94.9	65.3	125.3
					176.0	91.8	63.3	123.3

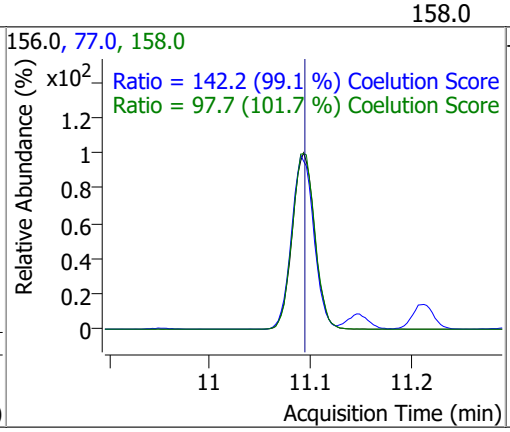


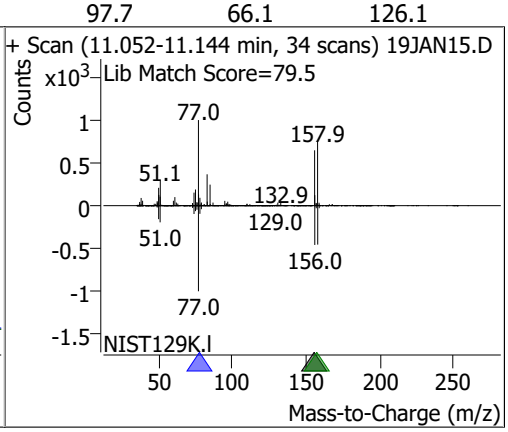




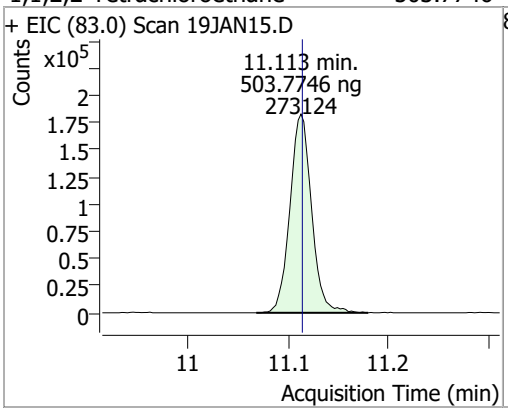
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	527.1176	11.09	0.00	501025	77.0	142.2	113.5	173.5
					158.0	97.7	66.1	126.1

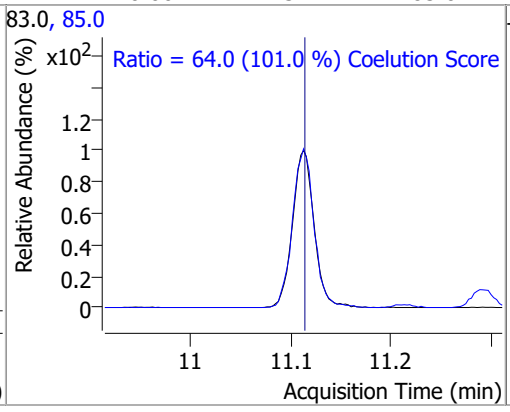


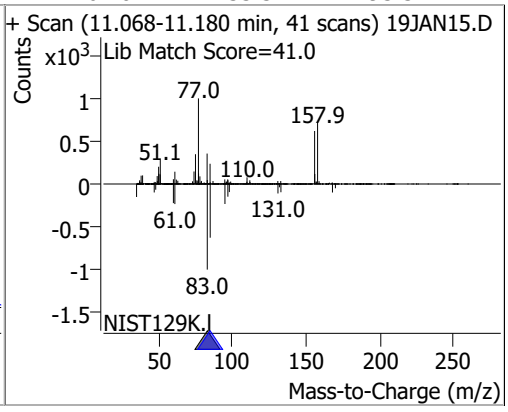




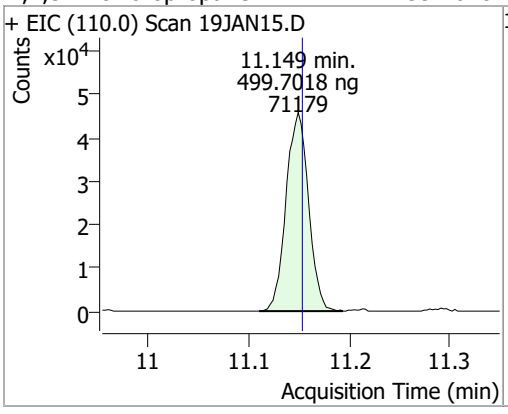
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	503.7746	11.11	0.00	273124	85.0	64.0	33.3	93.3

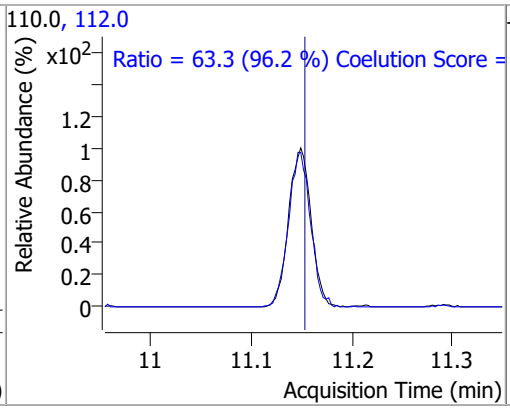


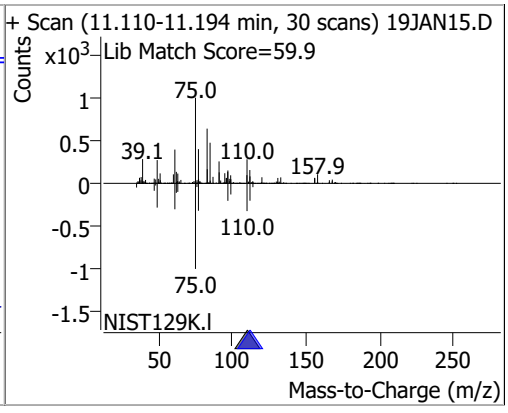




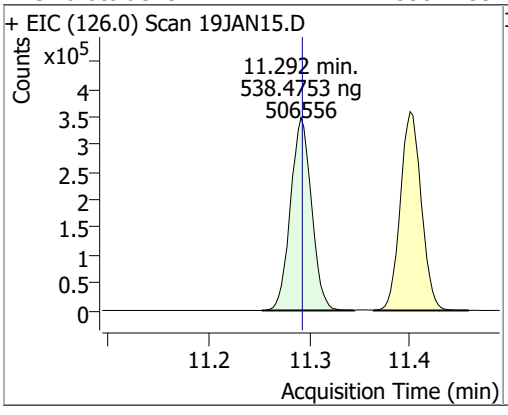
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	499.7018	11.15	0.00	71179	112.0	63.3	35.8	95.8

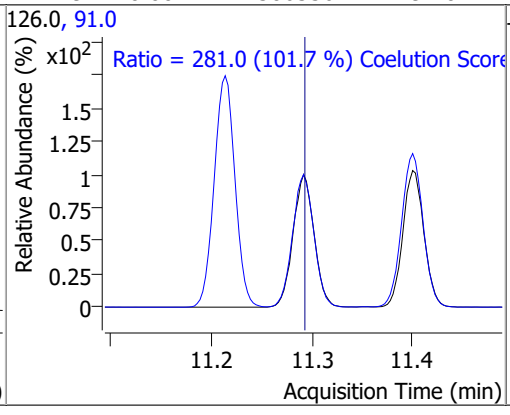


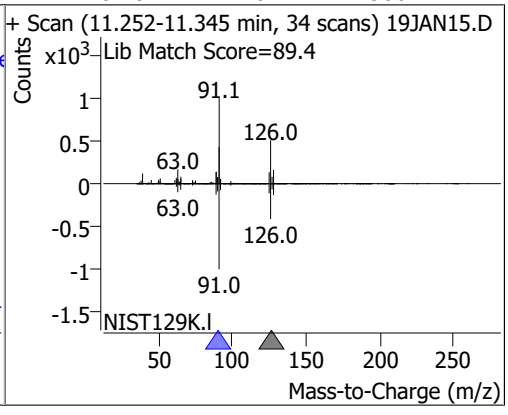




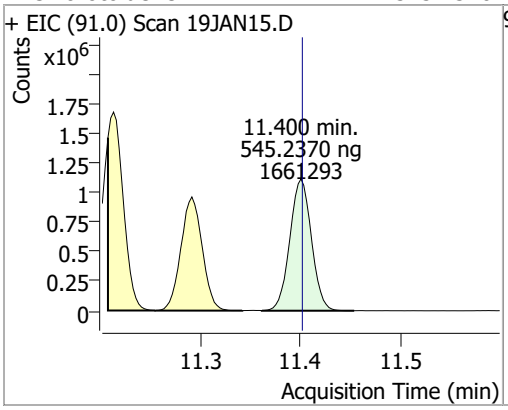
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	538.4753	11.29	0.00	506556	91.0	281.0	246.2	306.2

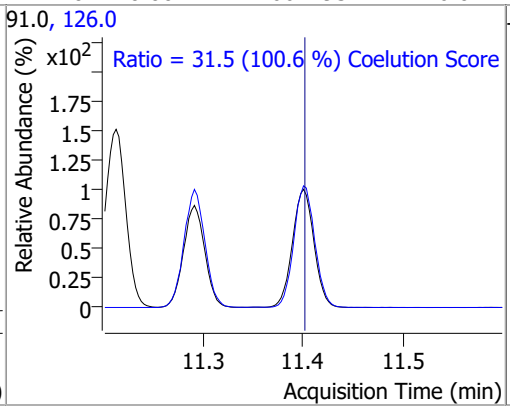


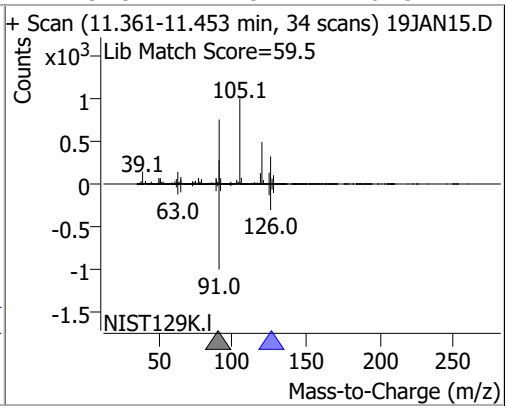




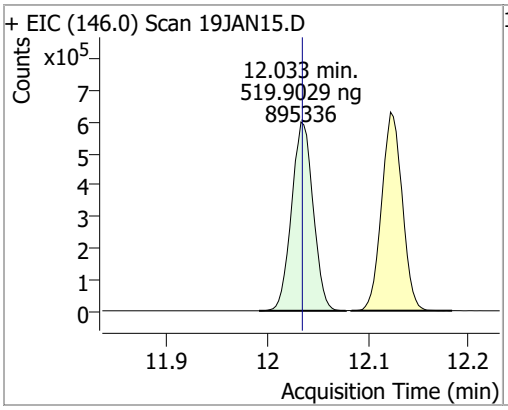
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	545.2370	11.40	0.00	1661293	126.0	31.5	1.3	61.3

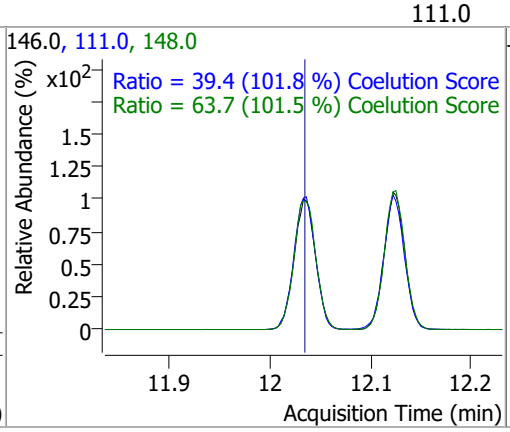


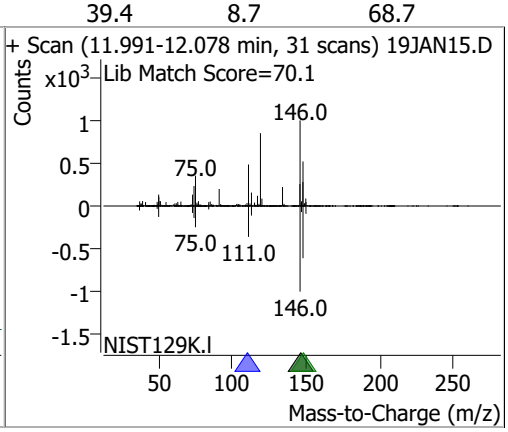




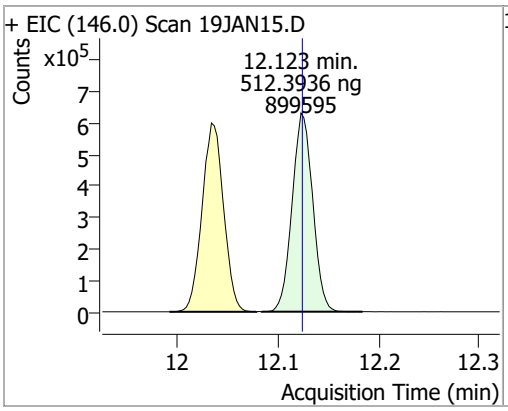
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	519.9029	12.03	0.00	895336	148.0	63.7	32.8	92.8
					111.0	39.4	8.7	68.7

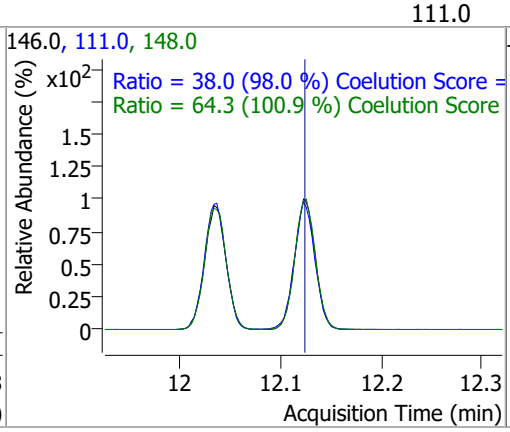


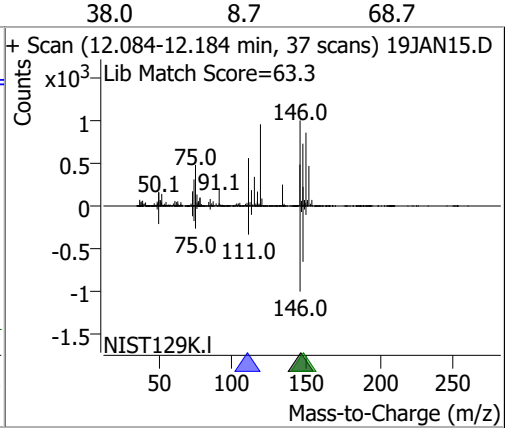




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	512.3936	12.12	0.00	899595	148.0	64.3	33.7	93.7
					111.0	38.0	8.7	68.7

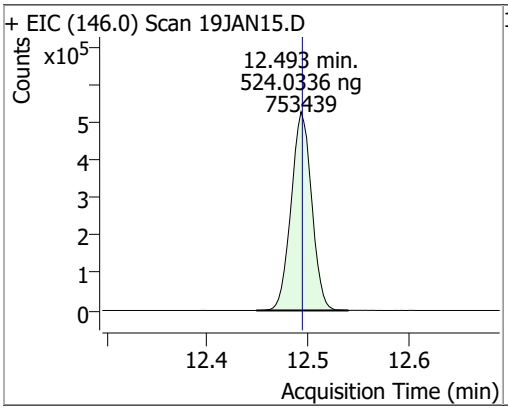


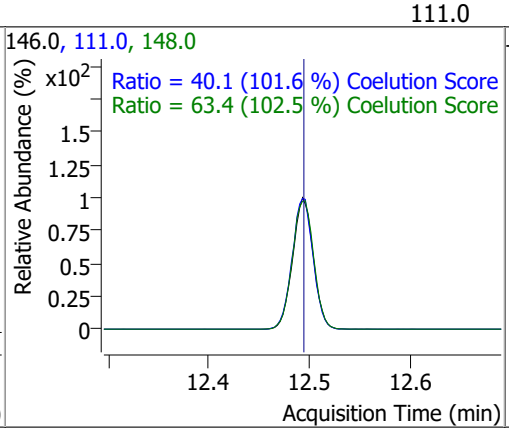


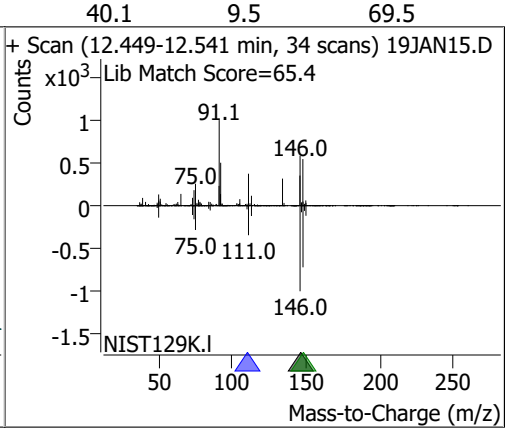


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	524.0336	12.49	0.00	753439	148.0	63.4	31.9	91.9
					111.0	40.1	9.5	69.5







Quantitation Results Report (QT Reviewed)

Data File	19JAN17.D	Operator	MSC
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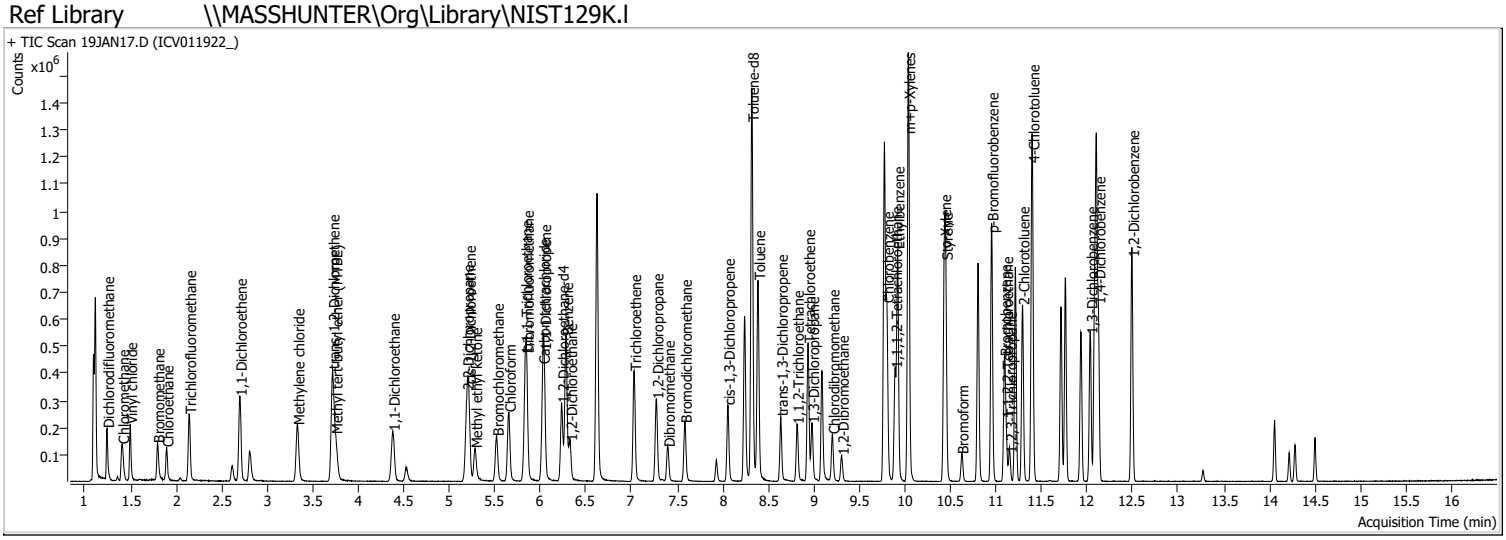
Sample Name	ICV011922_	Instrument	VOA5975C
Vial	17	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

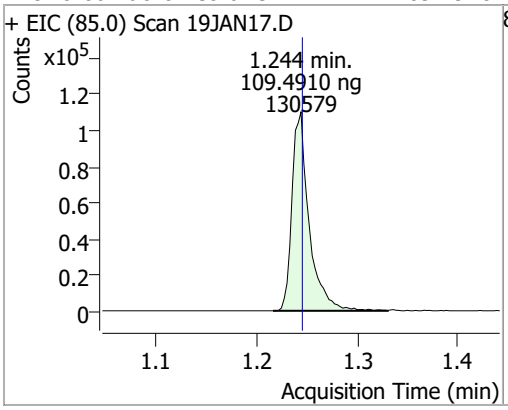


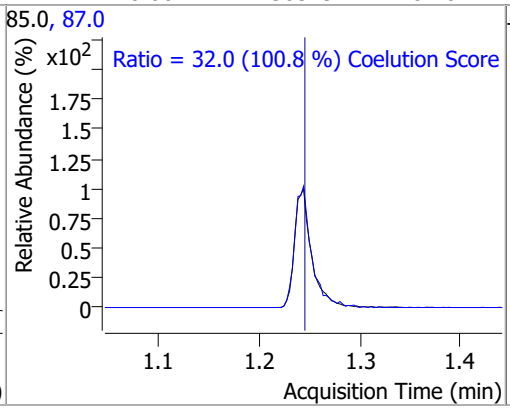
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	886938	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	337386	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	283678	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	198103	230.6011	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 92.24%		
S 1,2-Dichloroethane-d4	6.233	67.0	100187	269.9755	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 107.99%		
S Toluene-d8	8.319	98.0	896928	272.4962	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 109.00%		
S p-Bromofluorobenzene	10.948	95.0	270628	258.3795	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.35%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.244	85.0	130579	109.4910	ng	100
T Chloromethane	1.409	50.0	151864	108.1592	ng	100
T Vinyl chloride	1.498	62.0	147423	115.3506	ng	100
T Bromomethane	1.796	96.0	69568	125.4753	ng	96
T Chloroethane	1.897	64.0	77755	128.5925	ng	98
T Trichlorofluoromethane	2.145	101.0	172504	112.5600	ng	98
T 1,1-Dichloroethene	2.700	96.0	113673	127.4734	ng	98
T Methylene chloride	3.333	49.0	152883	117.9185	ng	99
T trans-1,2-Dichloroethene	3.718	96.0	115302	125.1632	ng	98
T Methyl tert-butyl ether (MTBE)	3.751	73.0	150210	130.4584	ng	99
T 1,1-Dichloroethane	4.378	63.0	218409	126.6815	ng	98
T 2,2-Dichloropropane	5.193	77.0	169689	130.6017	ng	95
T cis-1,2-Dichloroethene	5.212	96.0	118223	126.7481	ng	97
T Methyl ethyl ketone	5.282	43.0	160409	1190.0139	ng	98
T Bromochloromethane	5.519	128.0	45441	118.1582	ng	93
T Chloroform	5.653	83.0	199758	116.0406	ng	99

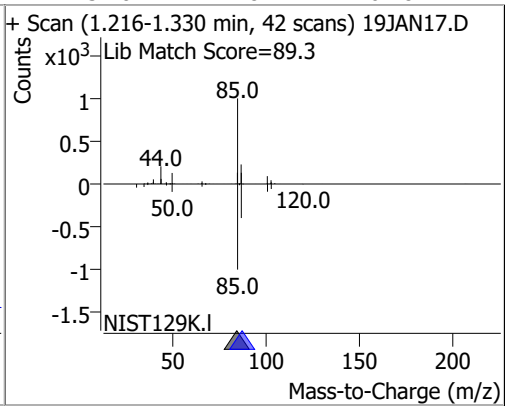
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	195526	123.1032	ng	98
T Carbon tetrachloride	6.024	117.0	187895	121.9742	ng	99
T 1,1-Dichloropropene	6.040	75.0	158033	122.6990	ng	99
T Benzene	6.280	78.0	442173	124.7960	ng	100
T 1,2-Dichloroethane	6.325	62.0	110579	112.9931	ng	99
T Trichloroethene	7.028	95.0	128332	127.0550	ng	96
T 1,2-Dichloropropane	7.273	63.0	111240	125.2628	ng	98
T Dibromomethane	7.399	93.0	44818	119.7325	ng	97
T Bromodichloromethane	7.583	83.0	131590	125.0178	ng	98
T cis-1,3-Dichloropropene	8.057	75.0	139981	121.1938	ng	99
T Toluene	8.389	92.0	277703	126.5738	ng	97
T trans-1,3-Dichloropropene	8.637	75.0	105873	125.6654	ng	97
T 1,1,2-Trichloroethane	8.815	83.0	52407	122.3326	ng	95
T Tetrachloroethene	8.938	163.8	112100	126.0005	ng	100
T 1,3-Dichloropropane	8.980	76.0	99920	115.2581	ng	98
T Chlorodibromomethane	9.206	129.0	81909	118.7188	ng	99
T 1,2-Dibromoethane	9.306	107.0	58586	123.8219	ng	98
T Chlorobenzene	9.802	112.0	307100	127.6842	ng	98
T 1,1,1,2-Tetrachloroethane	9.892	131.0	102231	121.1435	ng	99
T Ethylbenzene	9.919	91.0	535079	127.5512	ng	98
T m+p-Xylenes	10.037	106.0	413361	247.6085	ng	99
T o-Xylene	10.430	106.0	184033	125.9585	ng	98
T Styrene	10.449	104.0	306077	126.6563	ng	100
T Bromoform	10.622	172.5	45029	118.4586	ng	97
T Bromobenzene	11.091	156.0	118930	128.7582	ng	100
T 1,1,2,2-Tetrachloroethane	11.110	83.0	65177	123.7103	ng	100
T 1,2,3-Trichloropropane	11.152	110.0	16507	119.2511	ng	99
T 2-Chlorotoluene	11.291	126.0	117036	128.0245	ng	96
T 4-Chlorotoluene	11.400	91.0	395846	133.6905	ng	99
T 1,3-Dichlorobenzene	12.036	146.0	214054	127.9071	ng	98
T 1,4-Dichlorobenzene	12.122	146.0	216533	126.9159	ng	100
T 1,2-Dichlorobenzene	12.493	146.0	177148	126.7893	ng	98

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

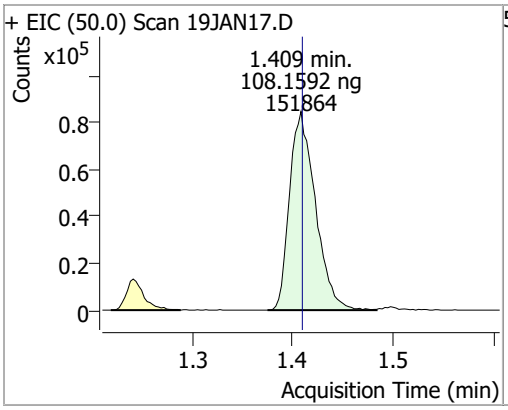
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	109.4910	1.24	0.00	130579	87.0	32.0	1.8	61.8

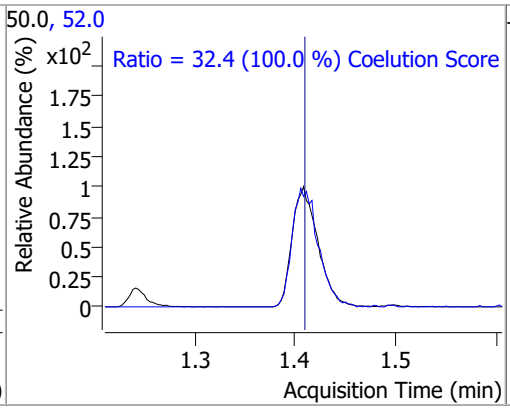


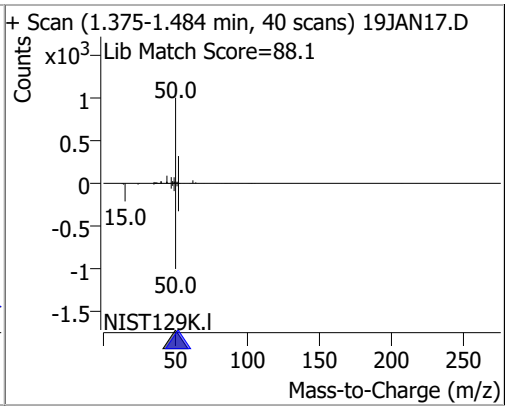




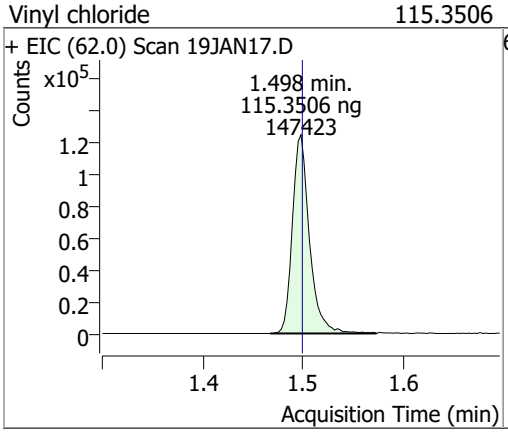
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	108.1592	1.41	0.00	151864	52.0	32.4	2.4	62.4

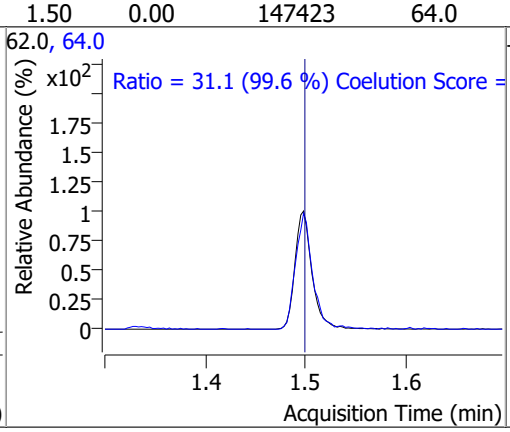


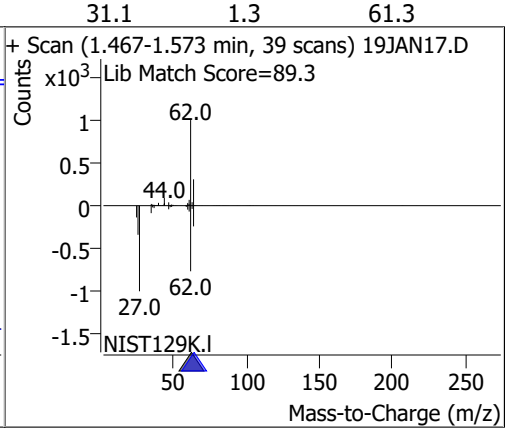




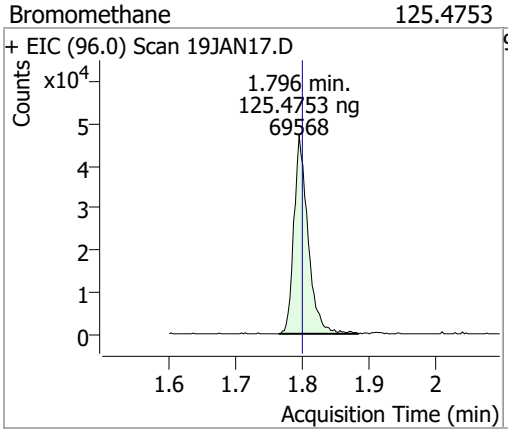
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	115.3506	1.50	0.00	147423	64.0	31.1	1.3	61.3

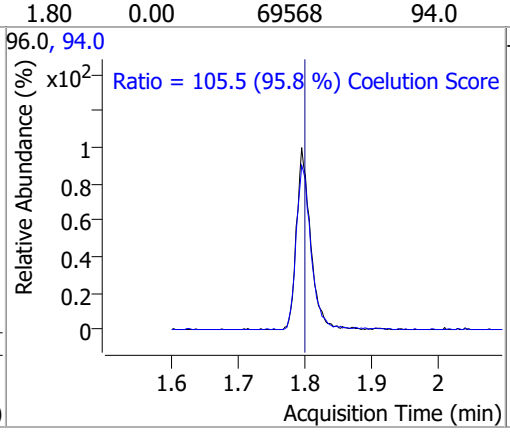


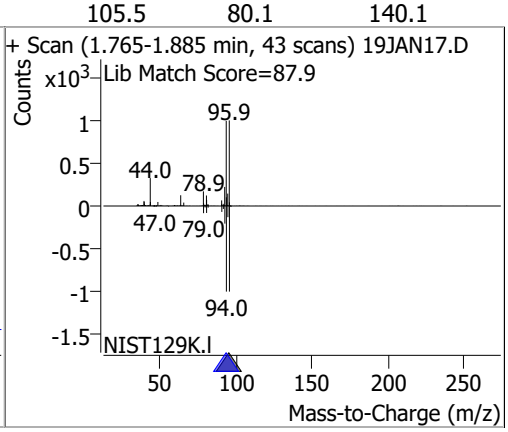




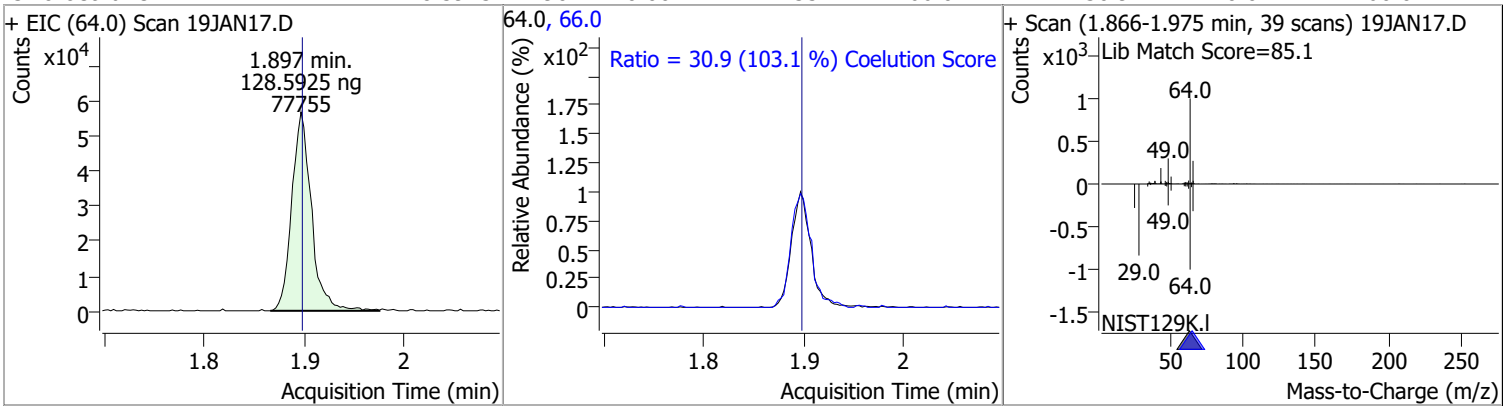
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	125.4753	1.80	0.00	69568	94.0	105.5	80.1	140.1



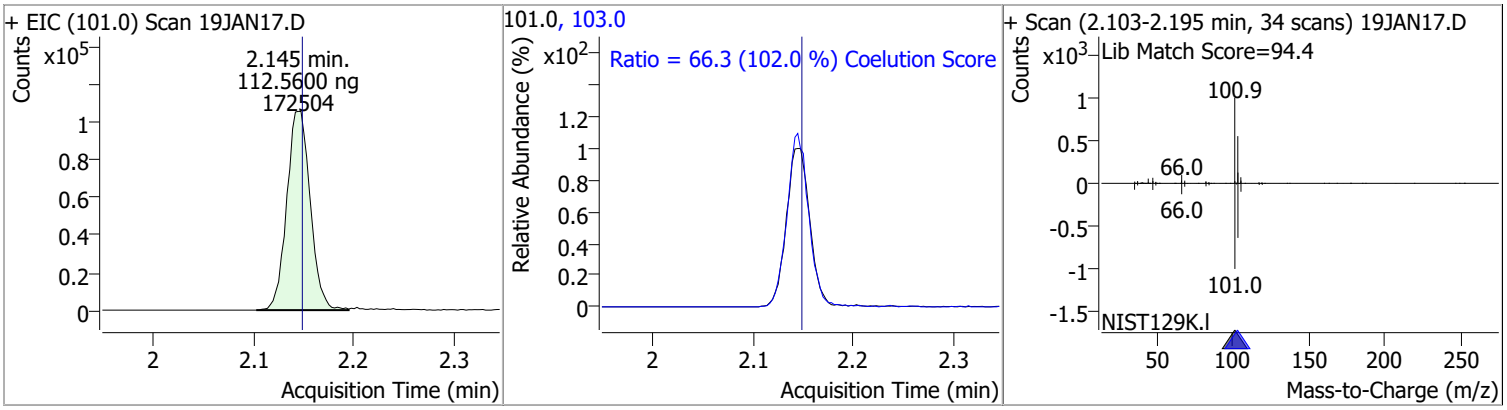




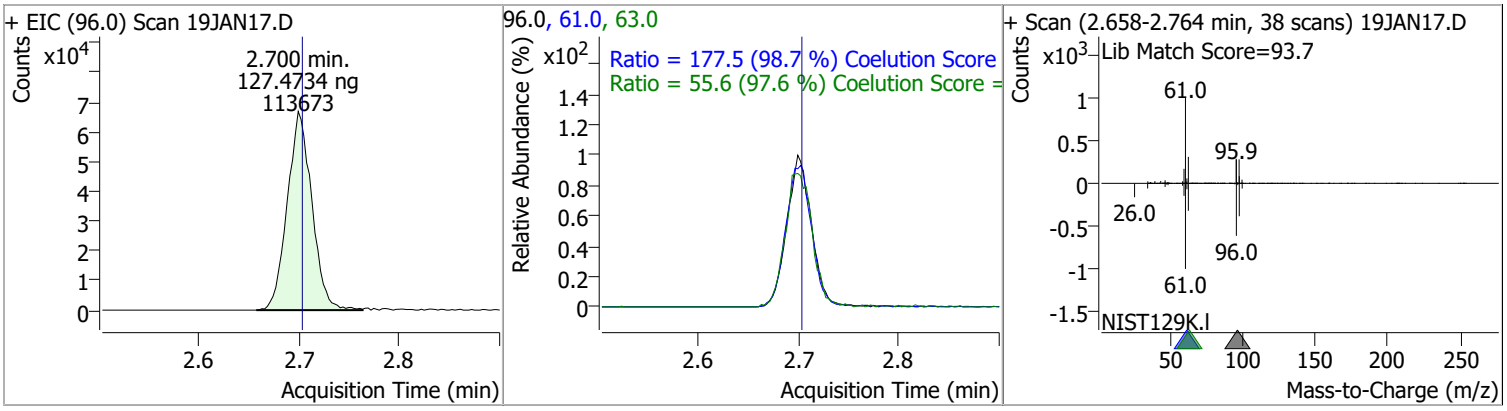
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	128.5925	1.90	0.00	77755	66.0	30.9	0.0	60.0



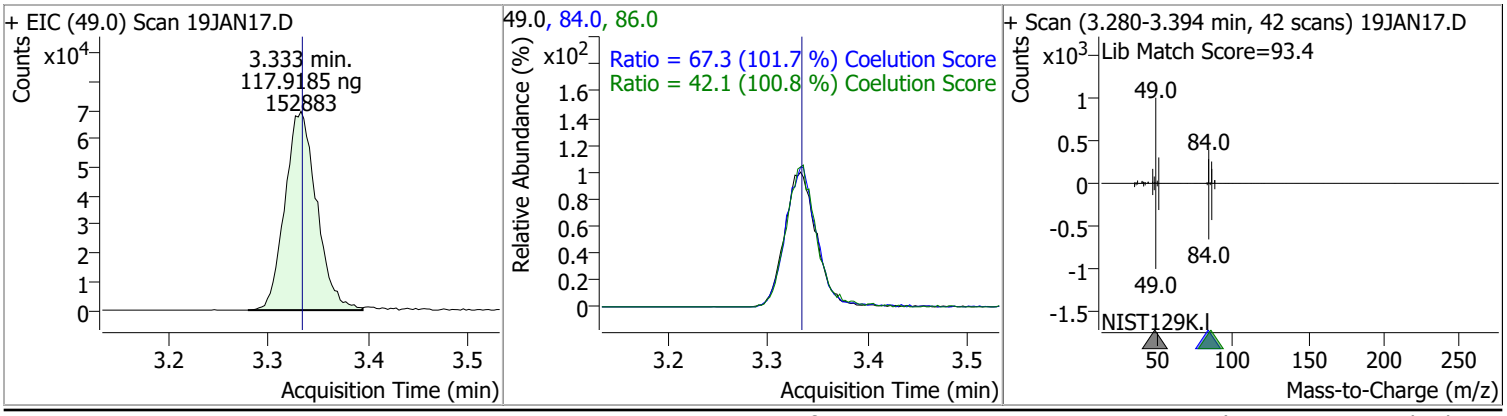
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	112.5600	2.14	0.00	172504	103.0	66.3	35.0	95.0



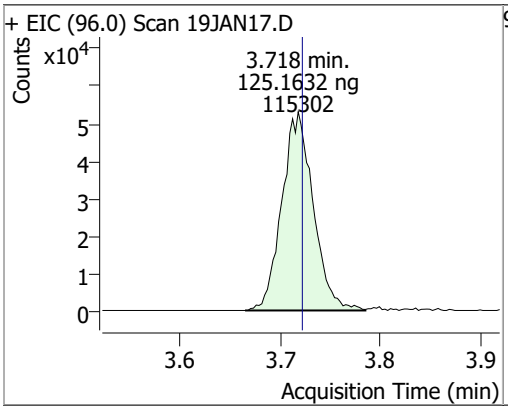
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	127.4734	2.70	0.00	113673	61.0	177.5	149.9	209.9
					63.0	55.6	27.0	87.0

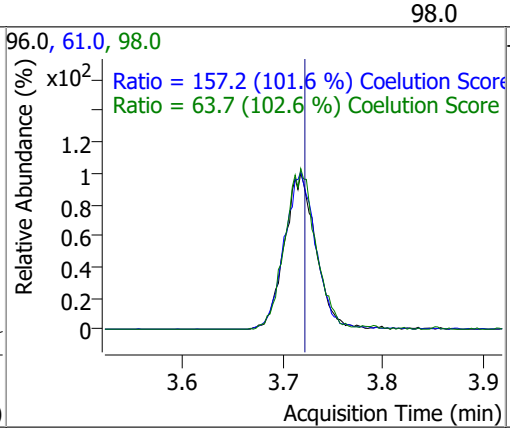


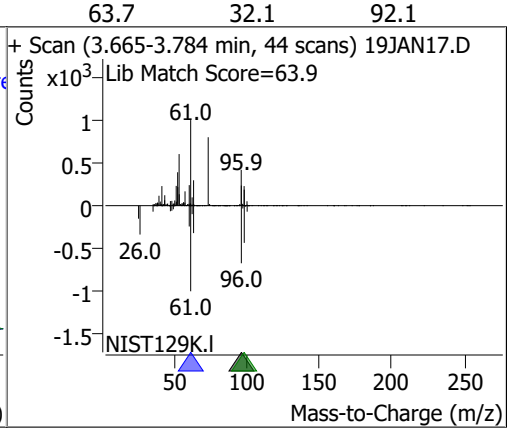
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	117.9185	3.33	0.00	152883	84.0	67.3	36.1	96.1
					86.0	42.1	11.8	71.8



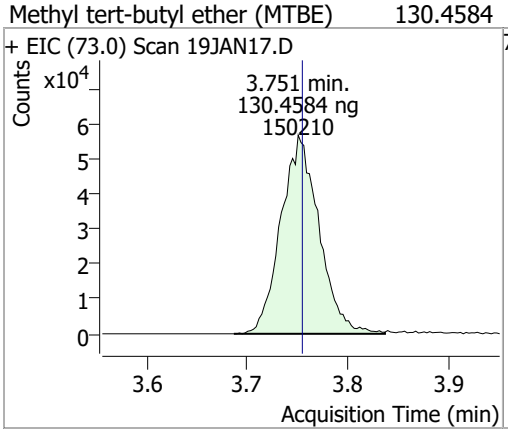
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	125.1632	3.72	0.00	115302	61.0	157.2	124.8	184.8
					98.0	63.7	32.1	92.1

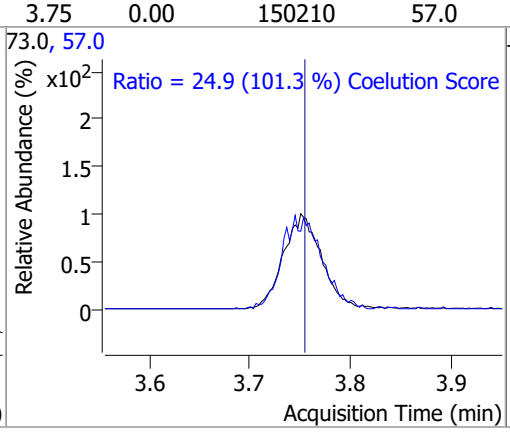


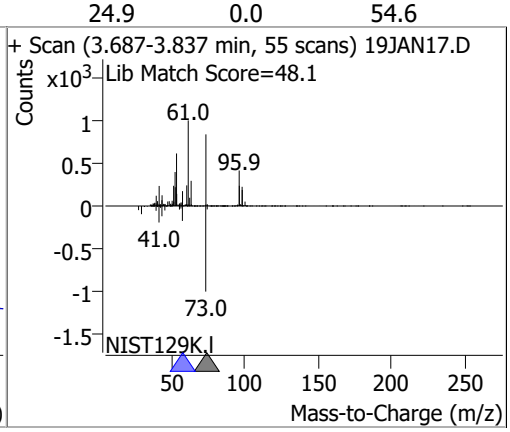




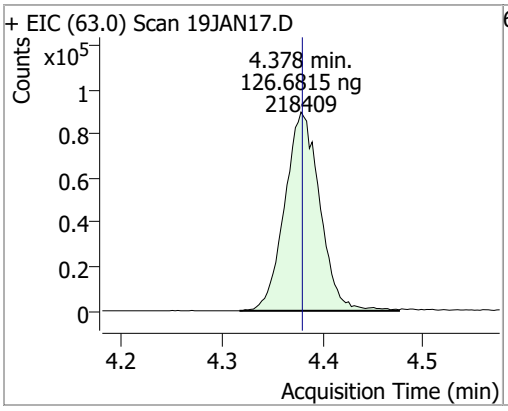
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	130.4584	3.75	0.00	150210	57.0	24.9	0.0	54.6

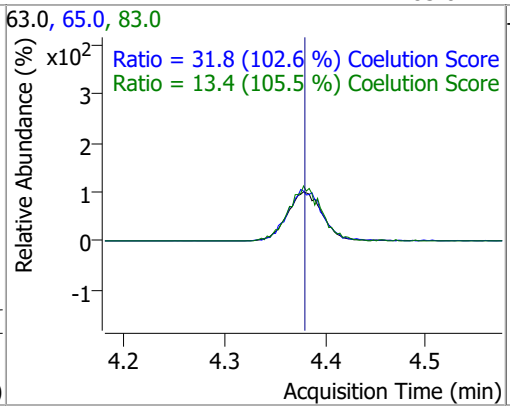


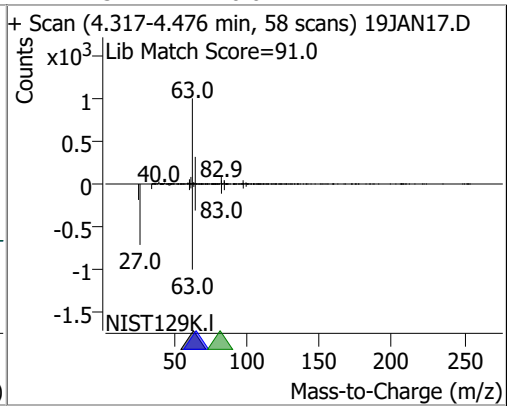




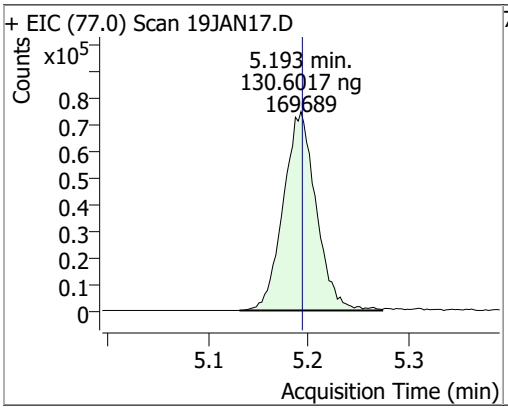
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	126.6815	4.38	0.00	218409	65.0	31.8	1.0	61.0
					83.0	13.4	0.0	42.7

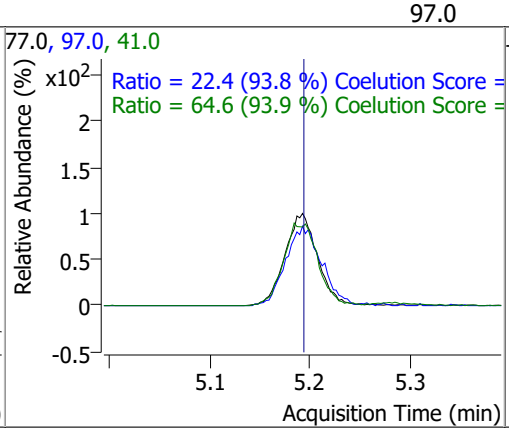


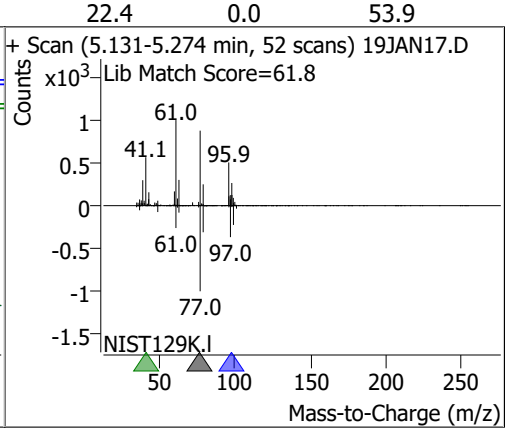




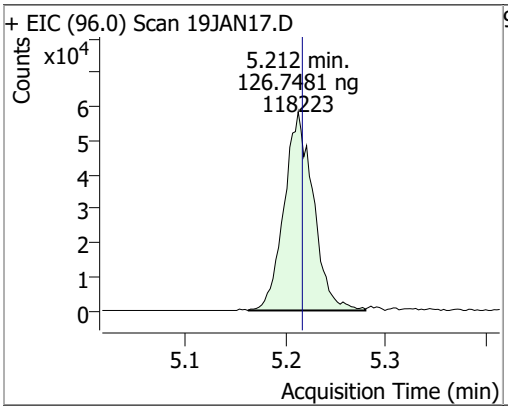
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	130.6017	5.19	0.00	169689	41.0	64.6	38.8	98.8
					97.0	22.4	0.0	53.9

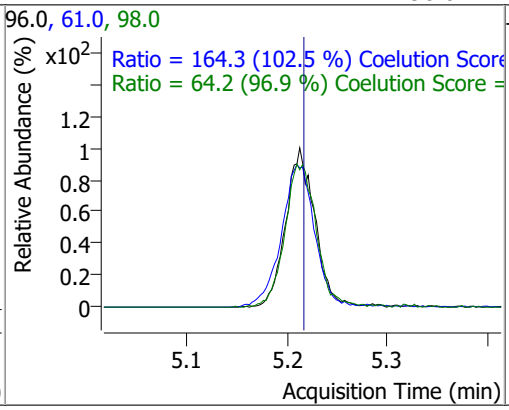


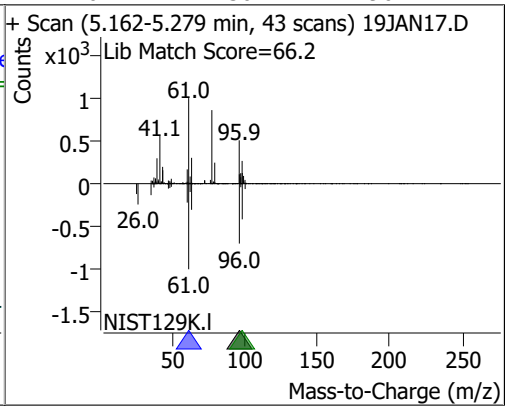




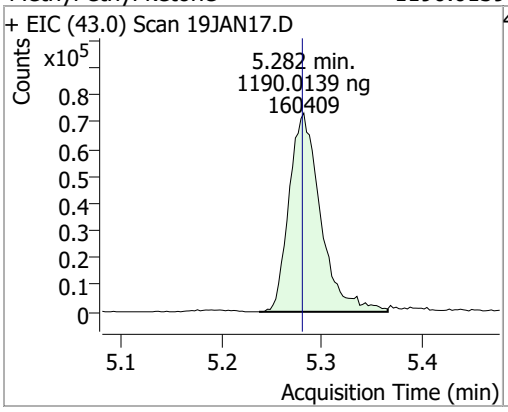
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	126.7481	5.21	0.00	118223	61.0	164.3	130.4	190.4
					98.0	64.2	36.2	96.2

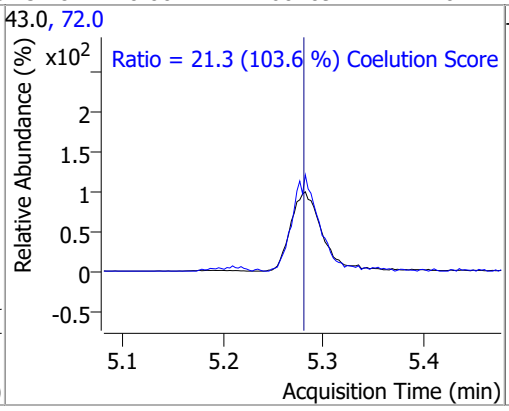


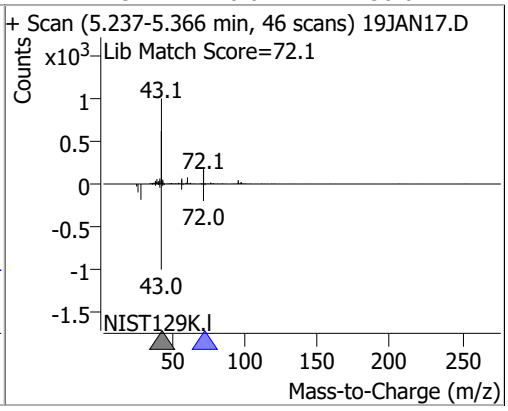




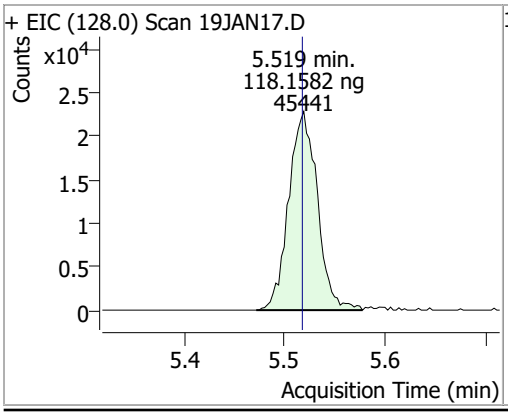
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1190.0139	5.28	0.00	160409	72.0	21.3	0.0	50.6

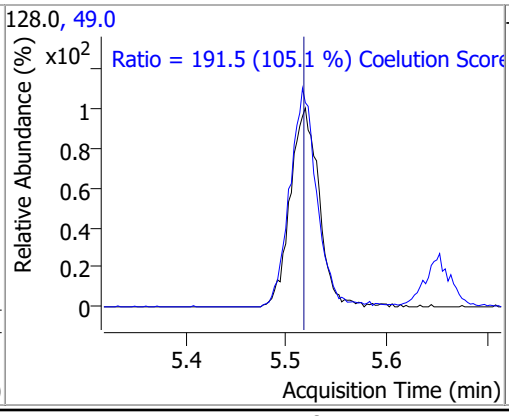


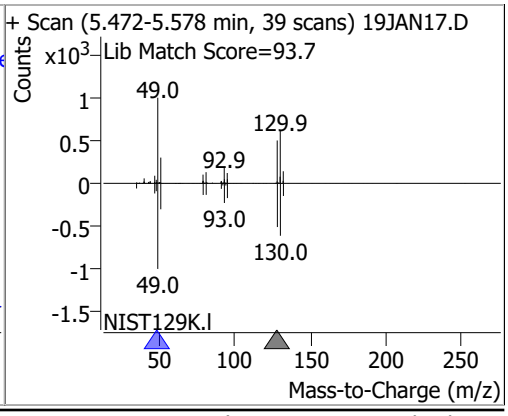




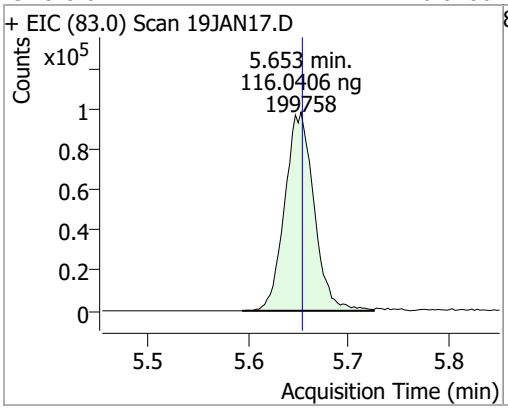
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	118.1582	5.52	0.00	45441	49.0	191.5	152.2	212.2

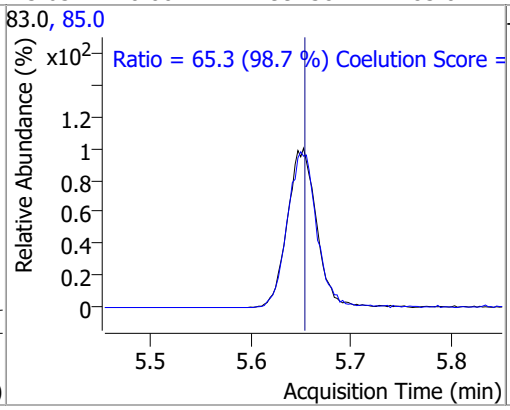


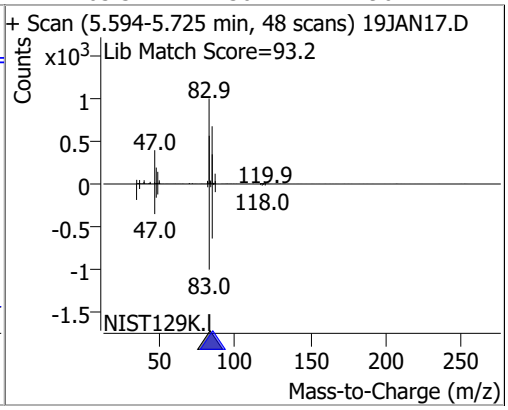




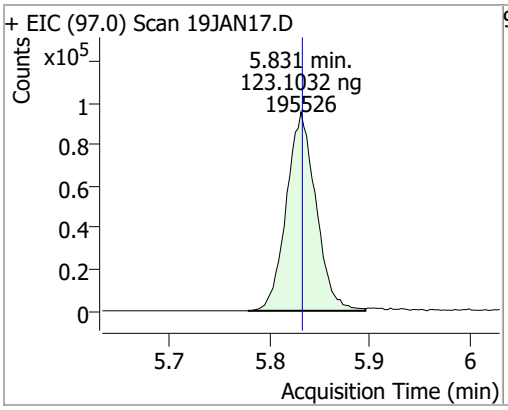
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	116.0406	5.65	0.00	199758	85.0	65.3	36.2	96.2

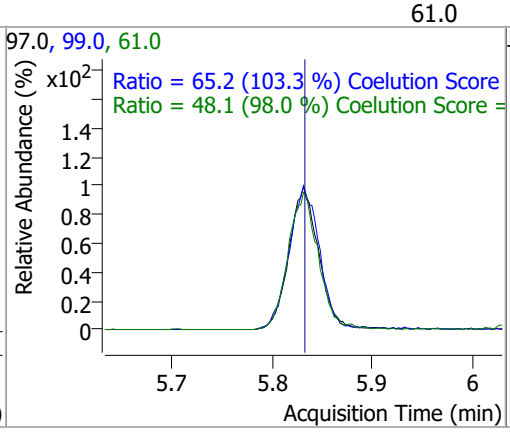


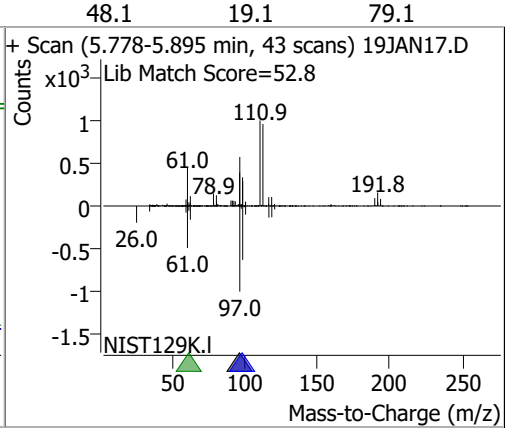




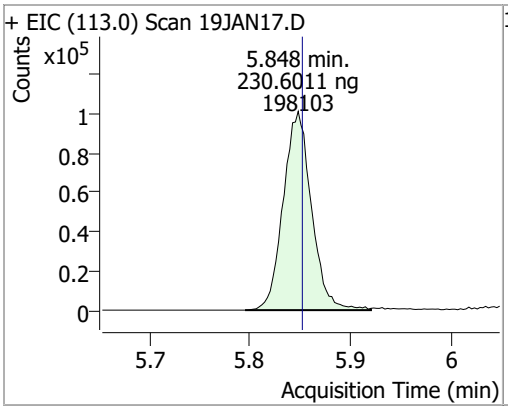
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	123.1032	5.83	0.00	195526	99.0	65.2	33.1	93.1
					61.0	48.1	19.1	79.1

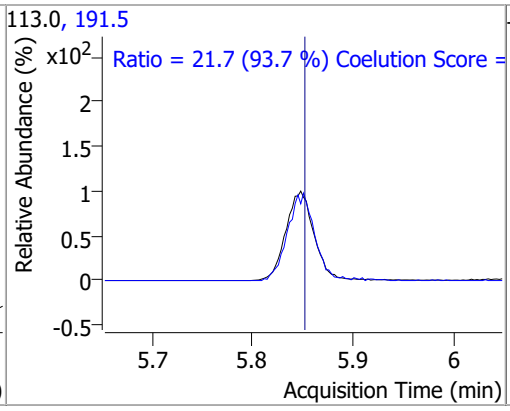


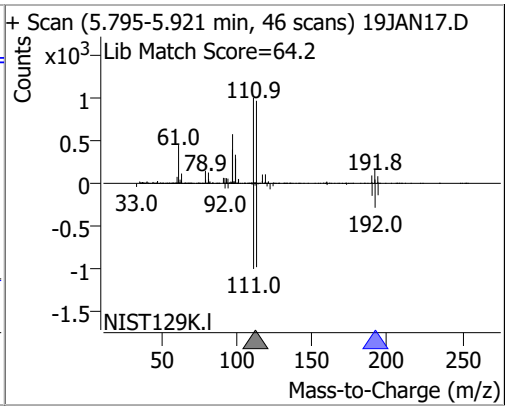




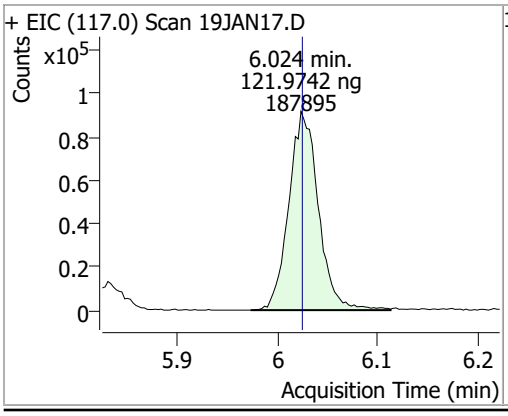
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	230.6011	5.85	0.00	198103	191.5	21.7	0.0	53.2

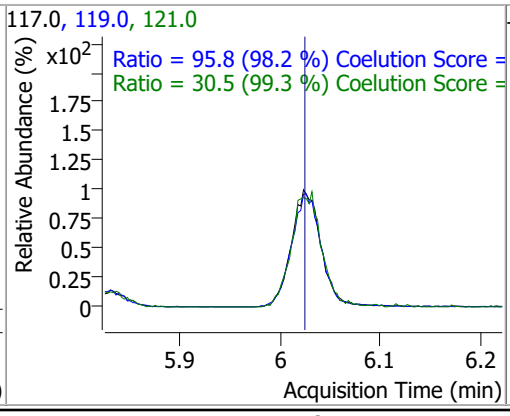


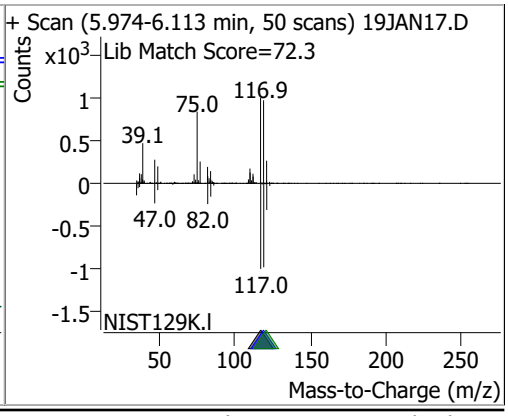




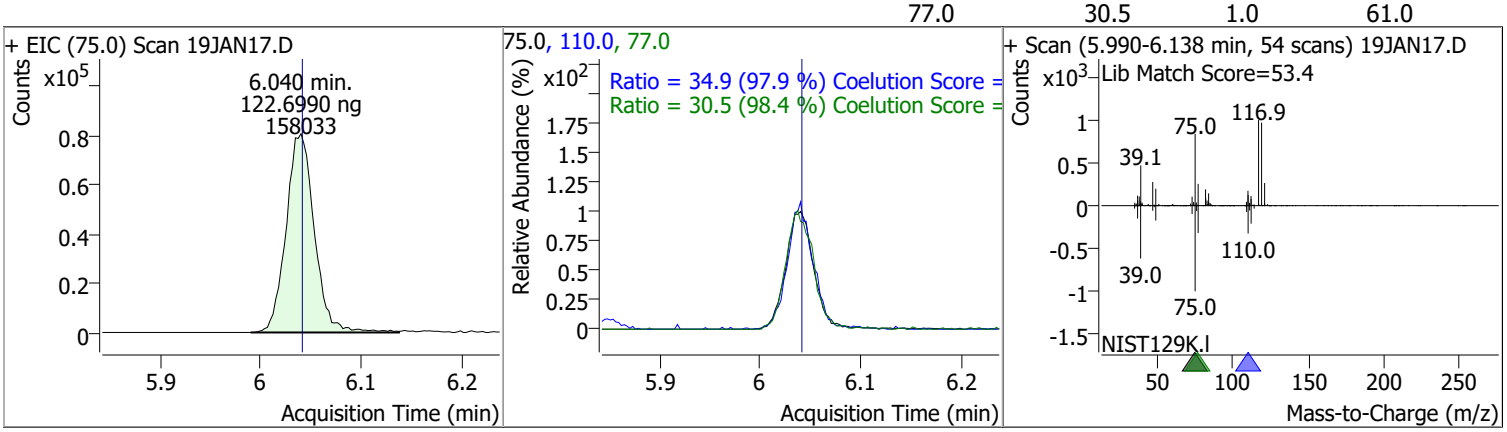
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	121.9742	6.02	0.00	187895	119.0	95.8	67.6	127.6
					121.0	30.5	0.7	60.7



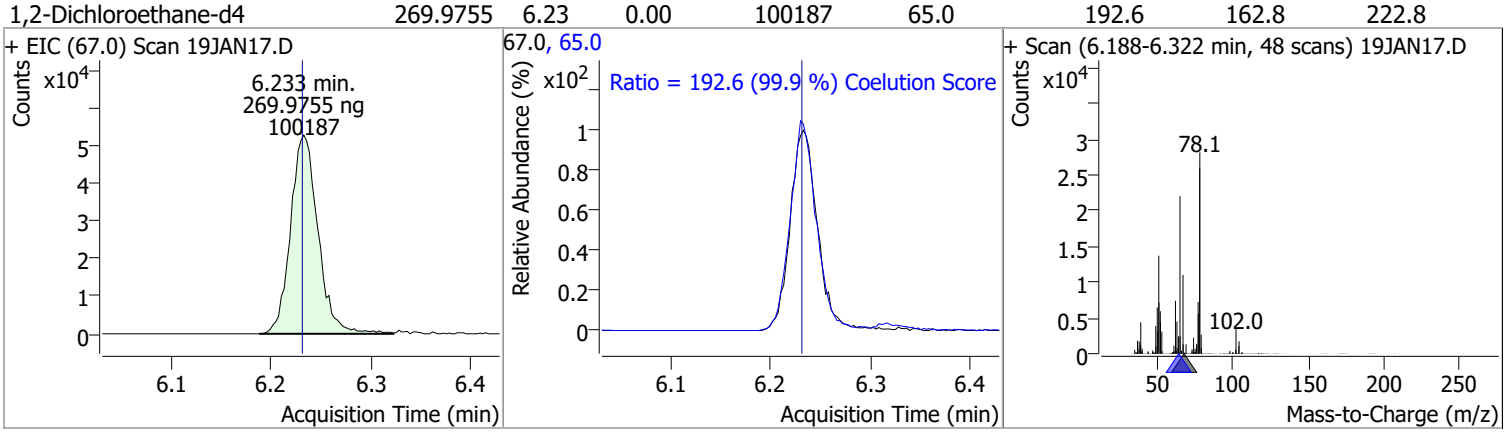




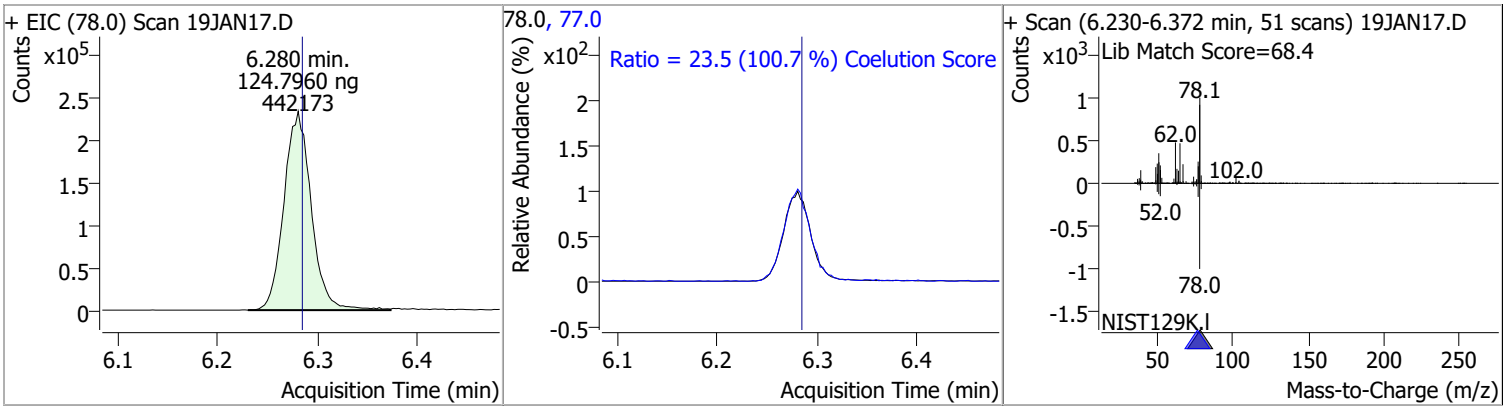
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	122.6990	6.04	0.00	158033	110.0	34.9	5.6	65.6
					77.0	30.5	1.0	61.0



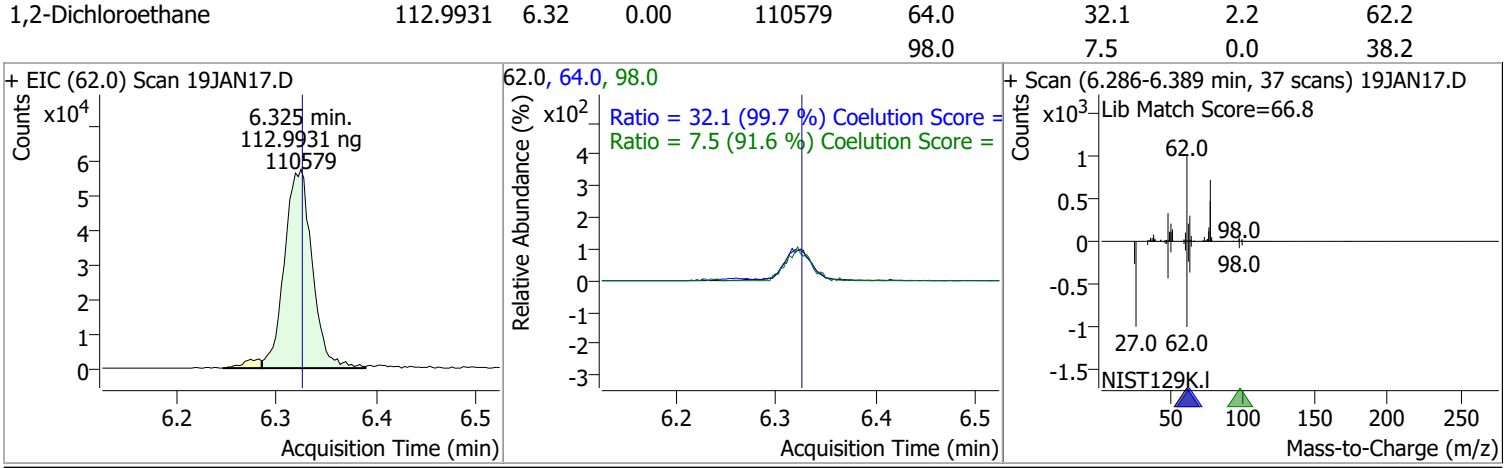
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	269.9755	6.23	0.00	100187	65.0	192.6	162.8	222.8



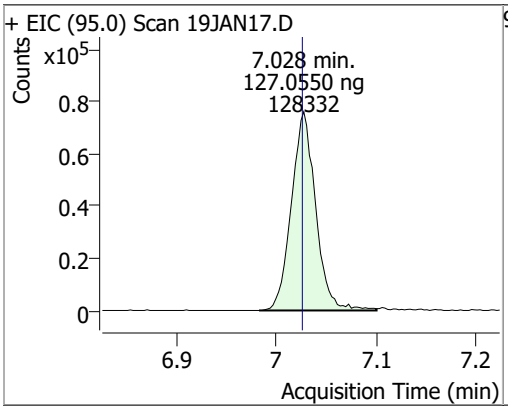
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	124.7960	6.28	0.00	442173	77.0	23.5	0.0	53.3

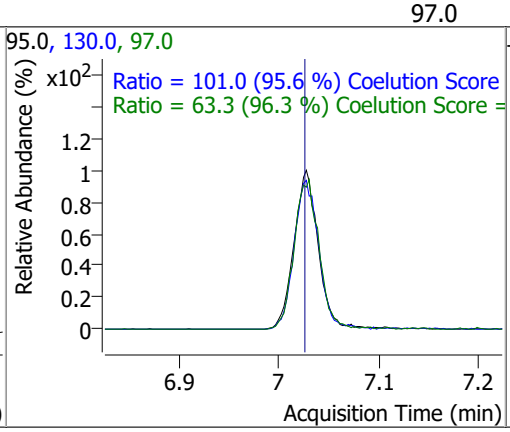


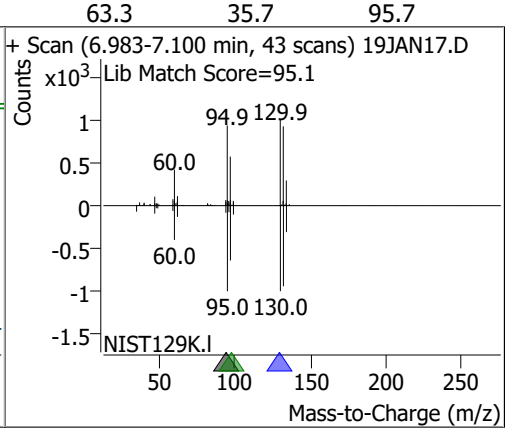
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	112.9931	6.32	0.00	110579	64.0	32.1	2.2	62.2
					98.0	7.5	0.0	38.2



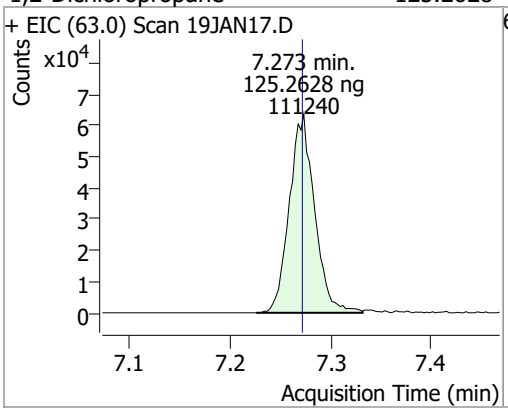
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	127.0550	7.03	0.00	128332	130.0	101.0	75.6	135.6
					97.0	63.3	35.7	95.7

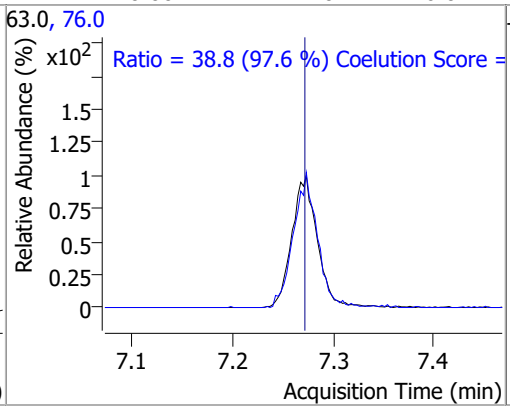


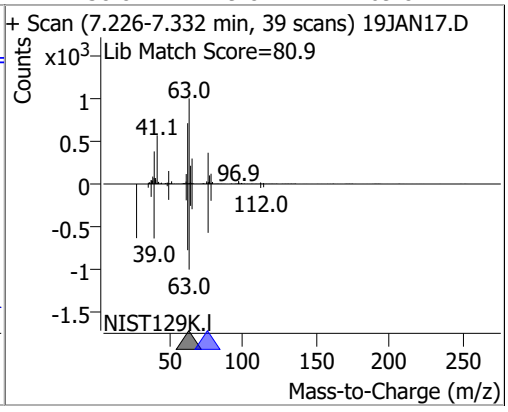




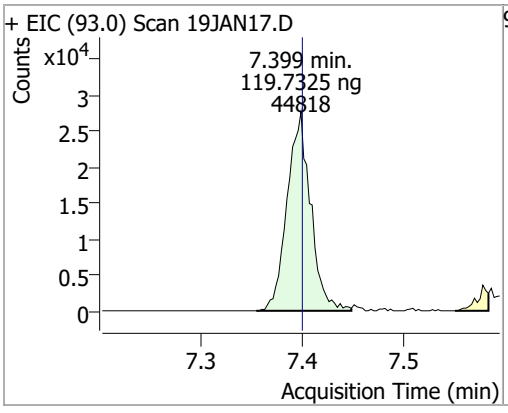
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	125.2628	7.27	0.00	111240	76.0	38.8	9.8	69.8

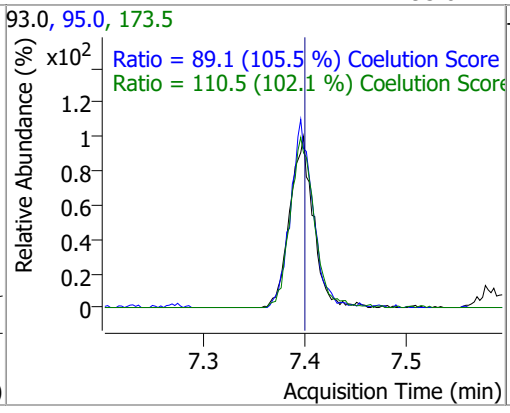


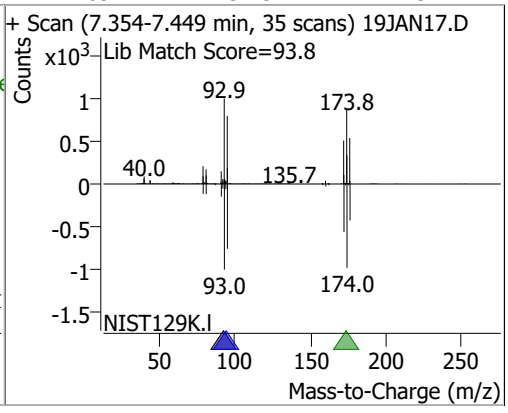




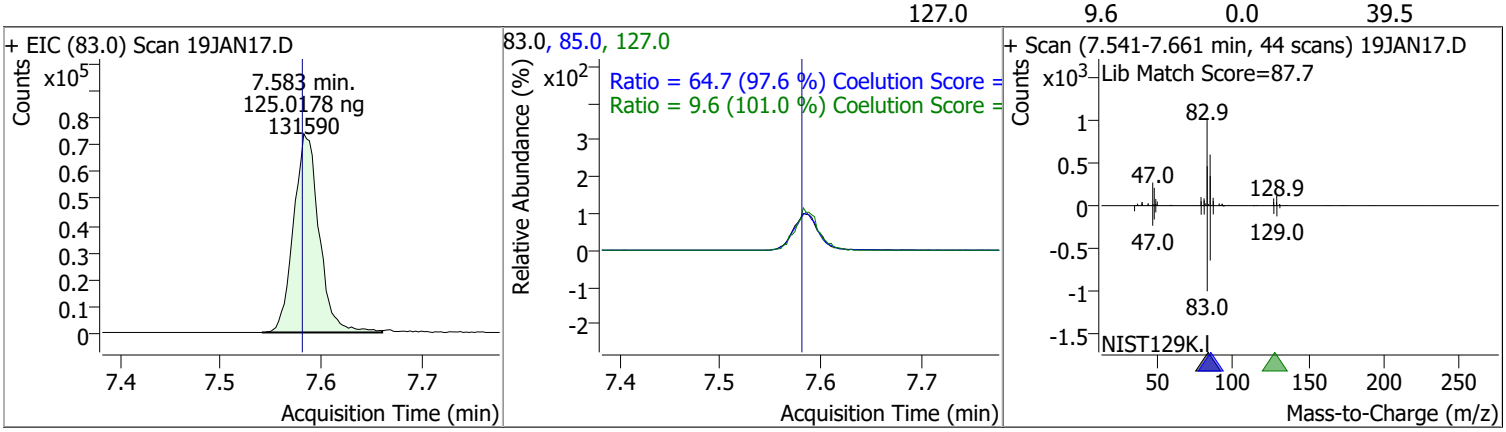
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	119.7325	7.40	0.00	44818	173.5	110.5	78.2	138.2
					95.0	89.1	54.5	114.5



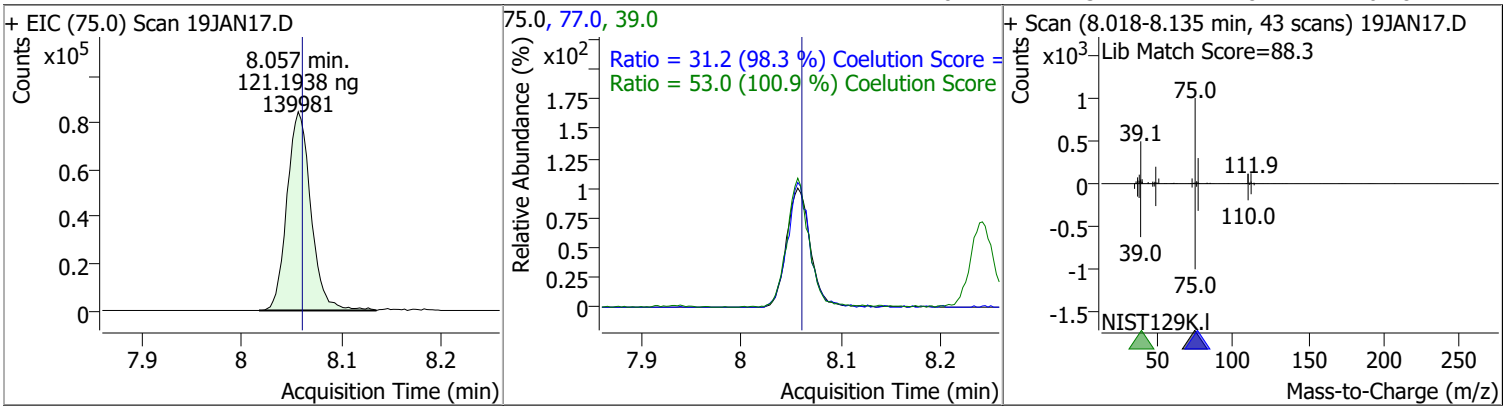




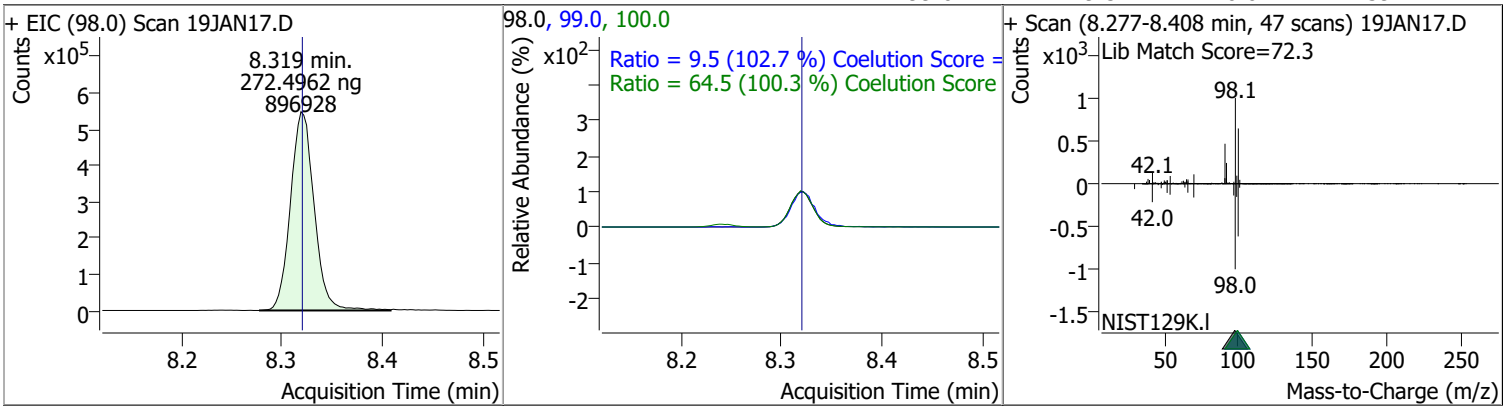
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	125.0178	7.58	0.00	131590	85.0	64.7	36.3	96.3
					127.0	9.6	0.0	39.5



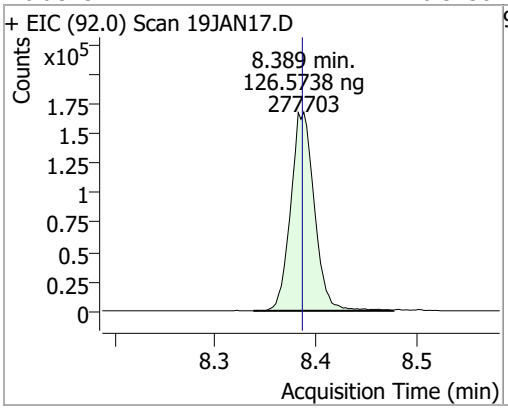
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	121.1938	8.06	0.00	139981	39.0	53.0	22.5	82.5
					77.0	31.2	1.8	61.8

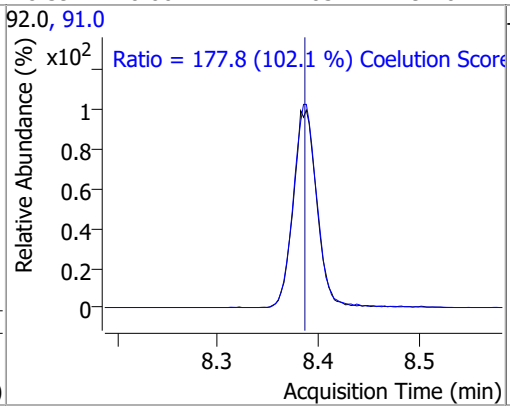


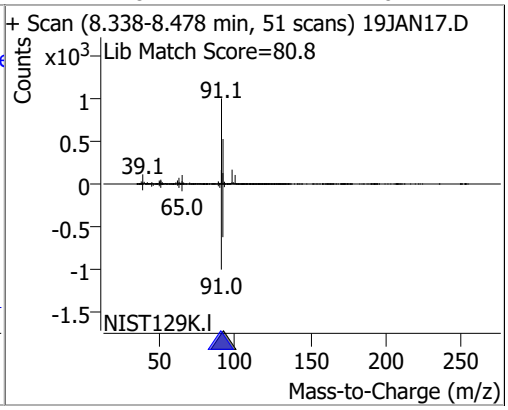
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	272.4962	8.32	0.00	896928	100.0	64.5	34.3	94.3
					99.0	9.5	0.0	39.2



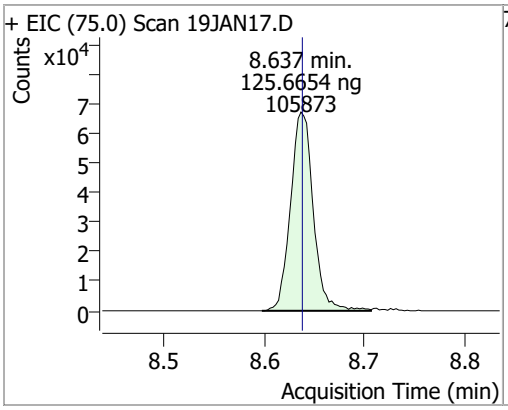
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	126.5738	8.39	0.00	277703	91.0	177.8	144.1	204.1

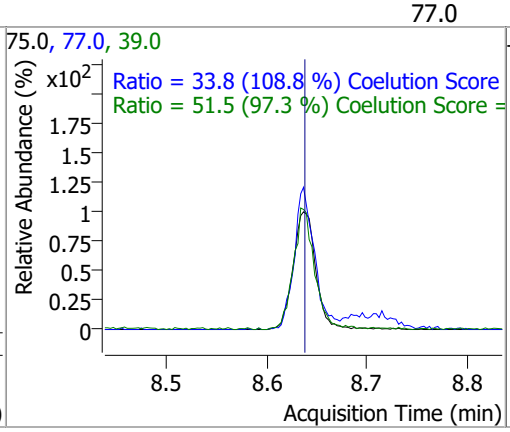


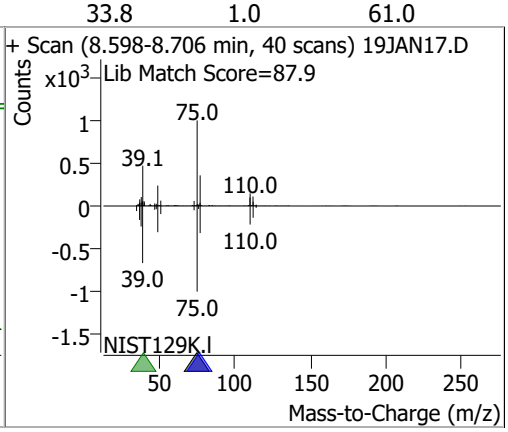




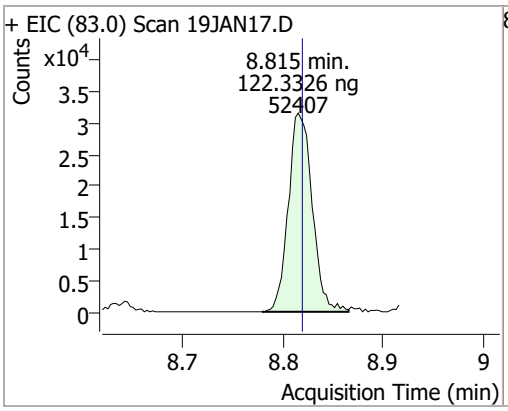
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	125.6654	8.64	0.00	105873	39.0	51.5	23.0	83.0
					77.0	33.8	1.0	61.0

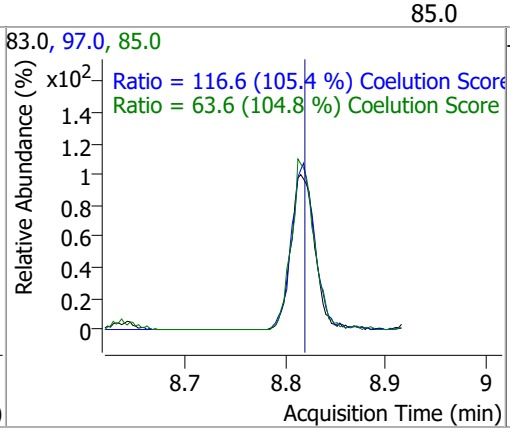


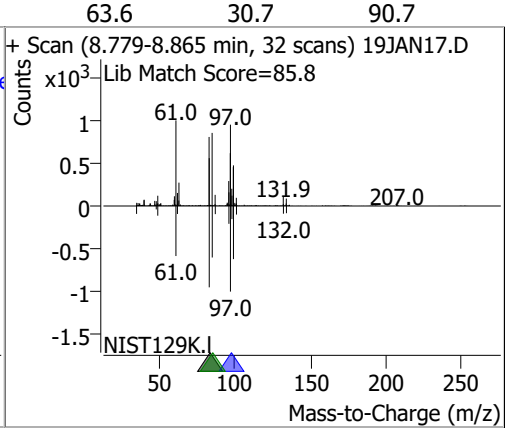




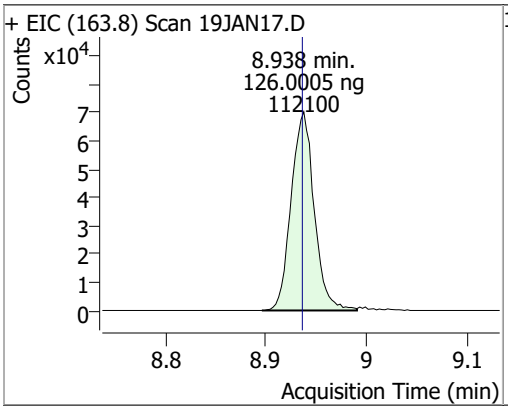
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	122.3326	8.82	0.00	52407	97.0	116.6	80.7	140.7
					85.0	63.6	30.7	90.7

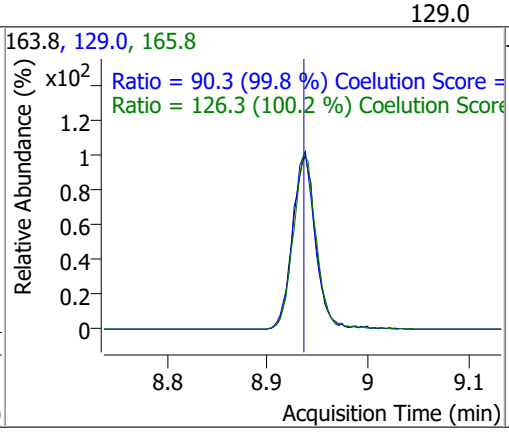


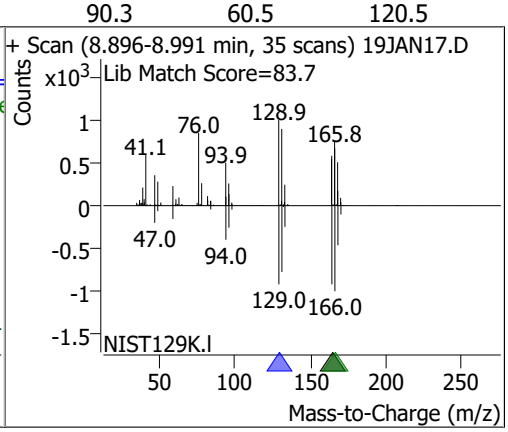




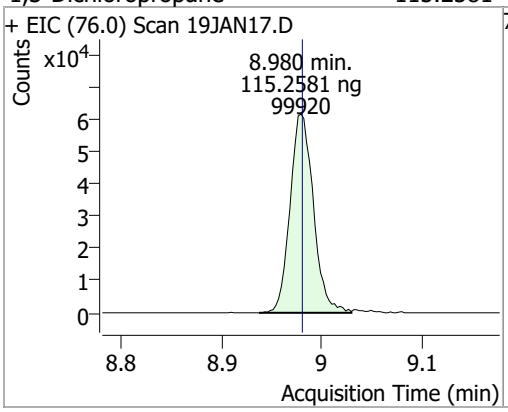
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	126.0005	8.94	0.00	112100	165.8	126.3	96.1	156.1
					129.0	90.3	60.5	120.5

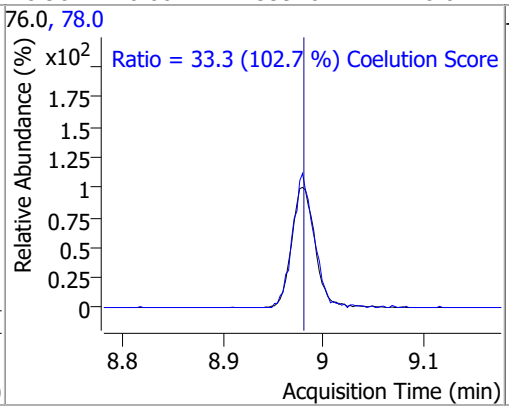


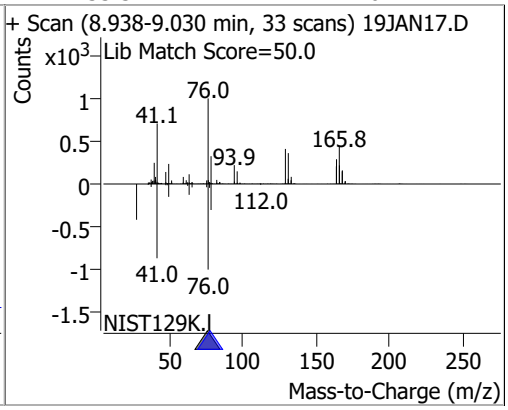




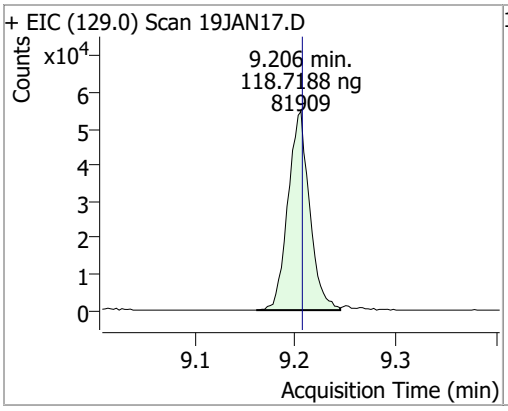
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	115.2581	8.98	0.00	99920	78.0	33.3	2.4	62.4

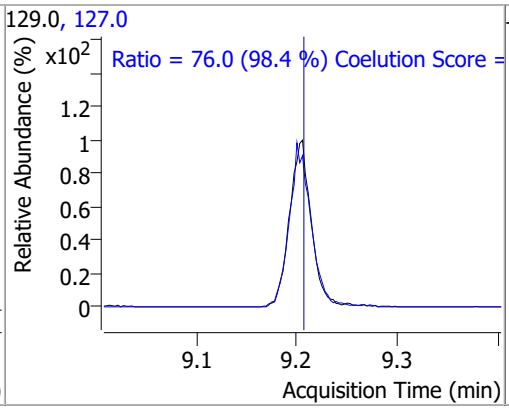


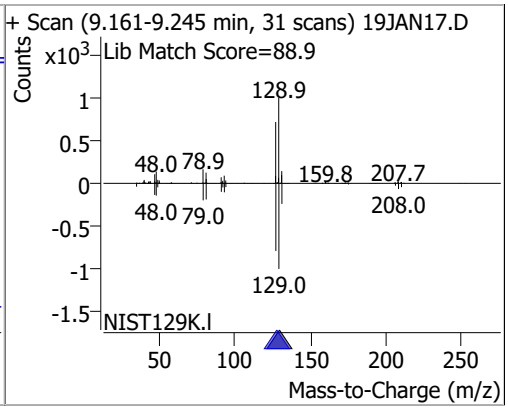




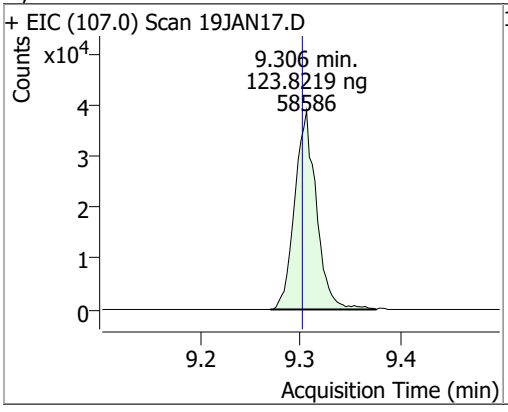
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	118.7188	9.21	0.00	81909	127.0	76.0	47.2	107.2

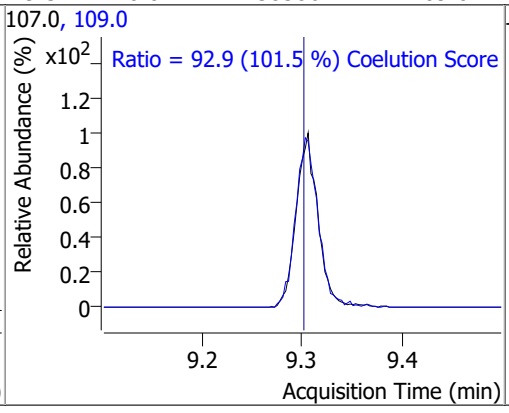


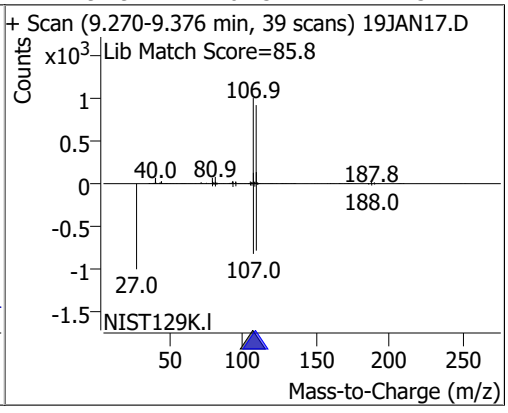




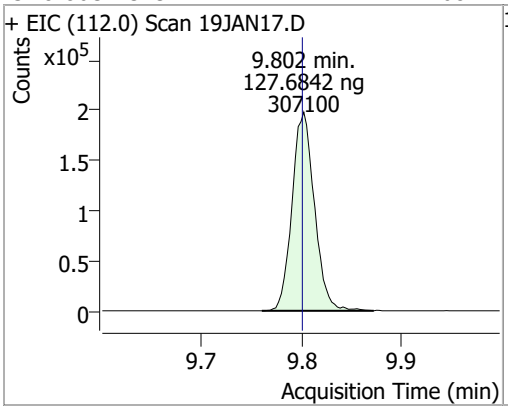
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	123.8219	9.31	0.01	58586	109.0	92.9	61.5	121.5

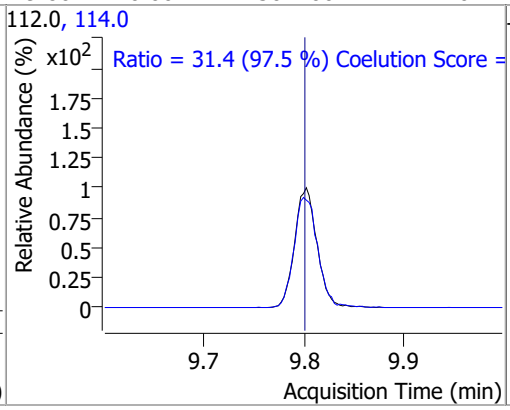


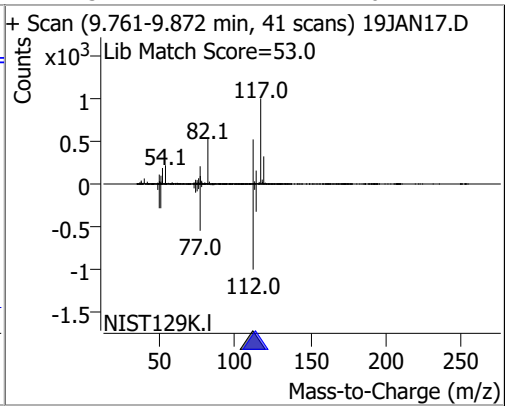




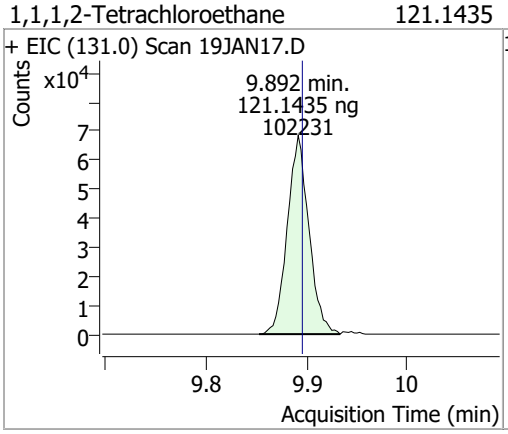
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	127.6842	9.80	0.00	307100	114.0	31.4	2.2	62.2

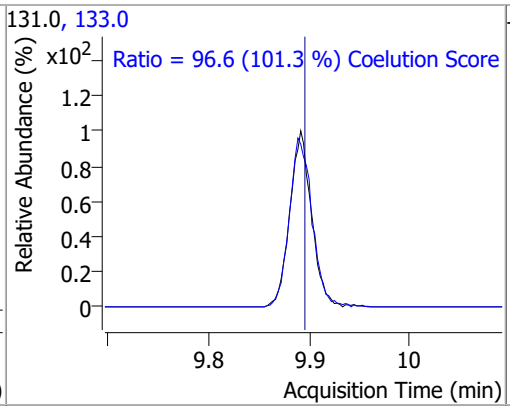


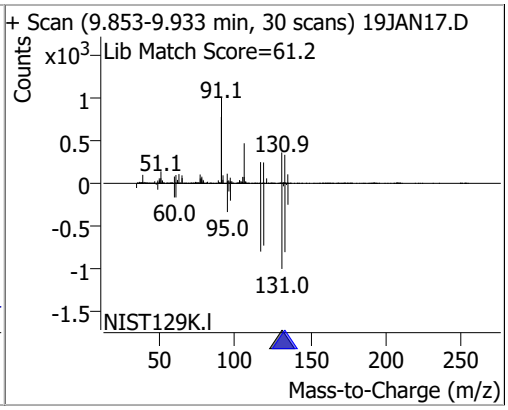




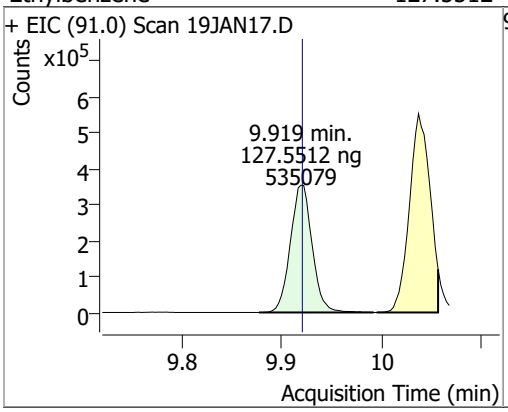
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	121.1435	9.89	0.00	102231	133.0	96.6	65.3	125.3

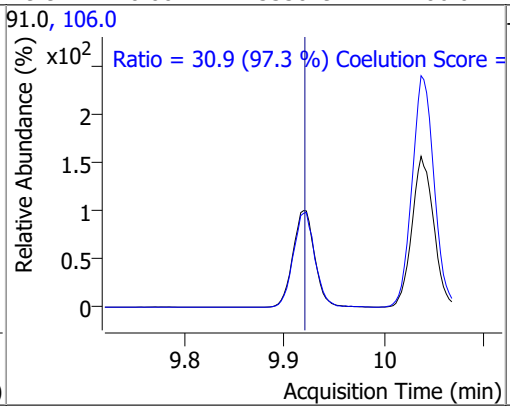


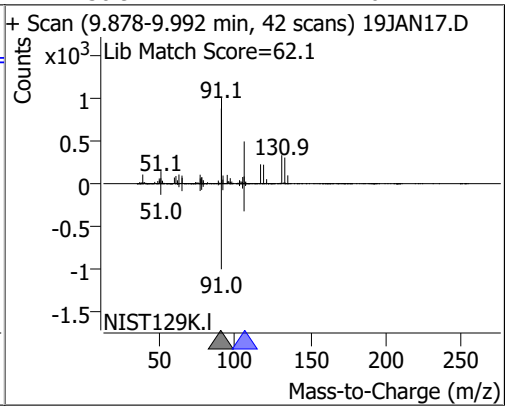




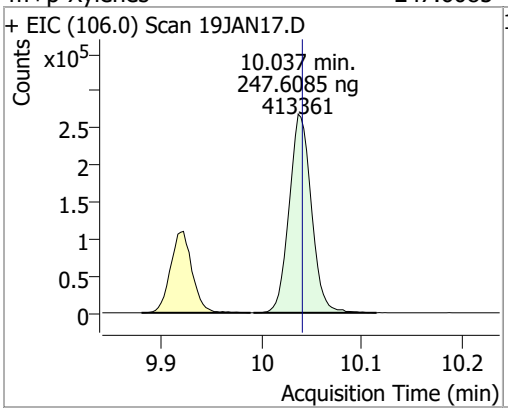
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	127.5512	9.92	0.00	535079	106.0	30.9	1.7	61.7

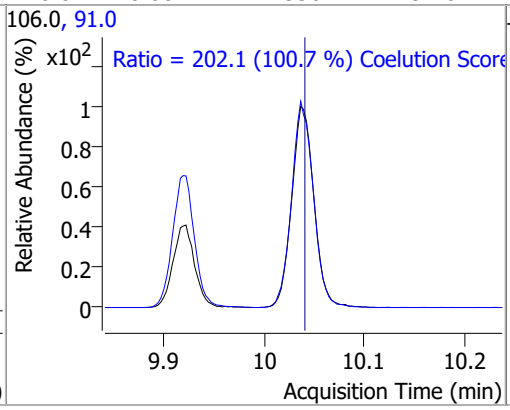


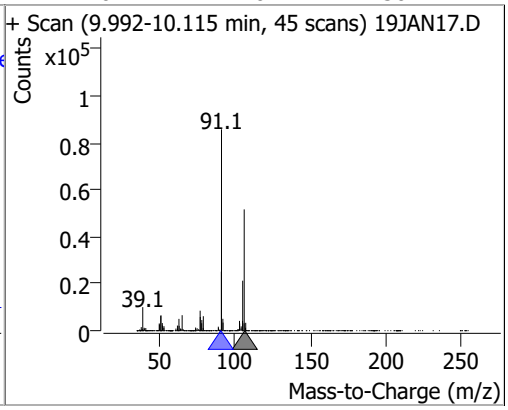




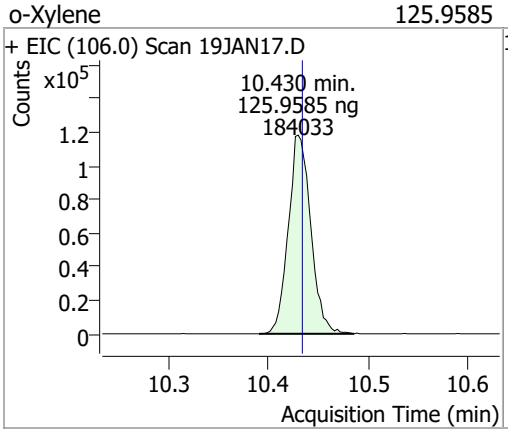
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	247.6085	10.04	0.00	413361	91.0	202.1	170.7	230.7

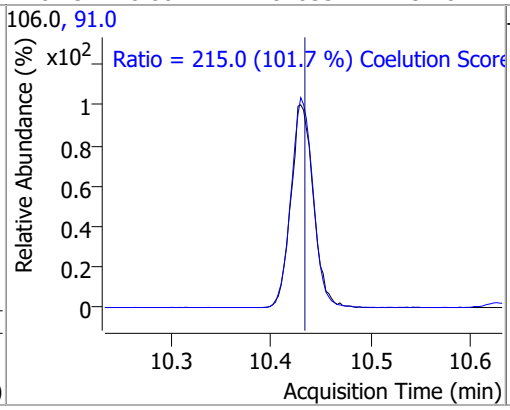


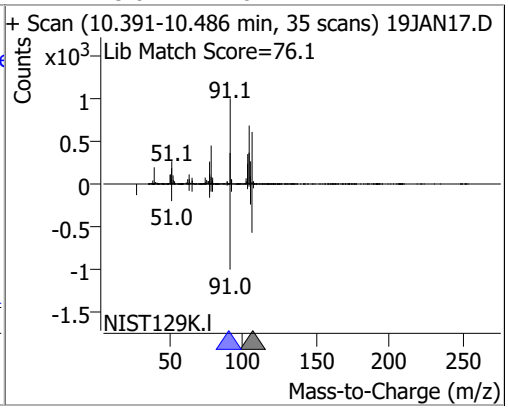




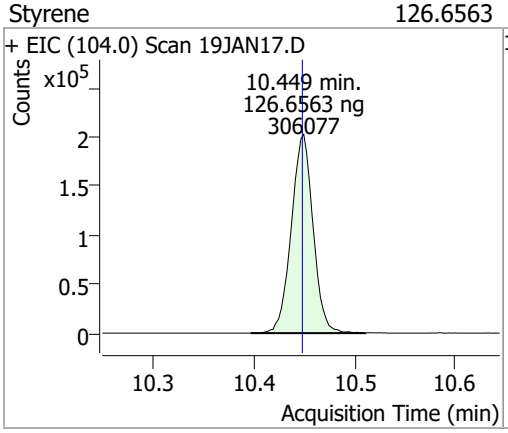
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	125.9585	10.43	0.00	184033	91.0	215.0	181.4	241.4

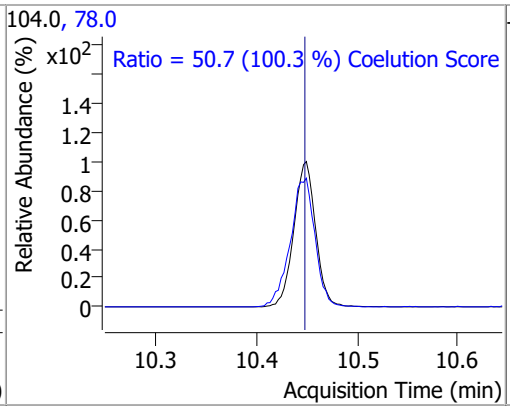


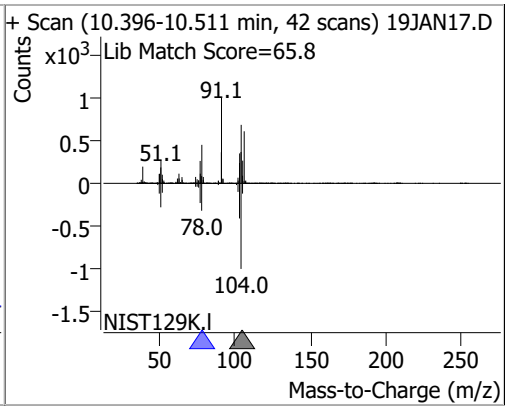




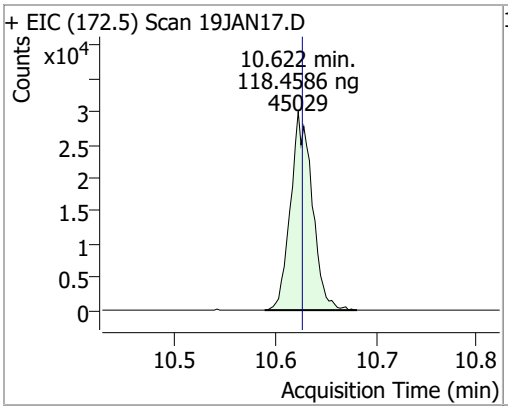
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	126.6563	10.45	0.00	306077	78.0	50.7	20.6	80.6

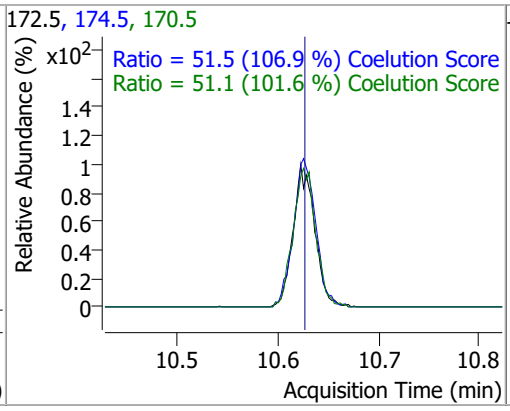


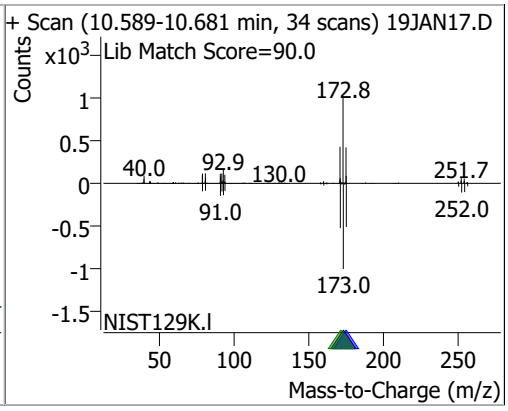




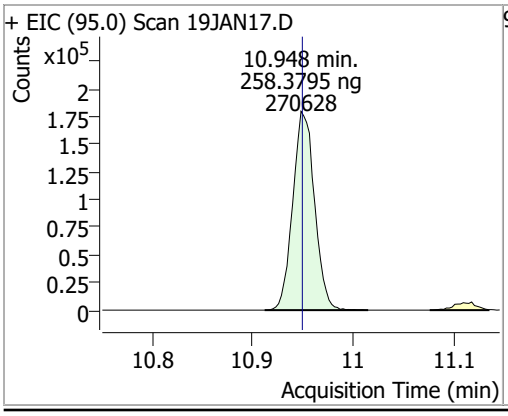
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	118.4586	10.62	0.00	45029	170.5	51.1	20.3	80.3
					174.5	51.5	18.1	78.1

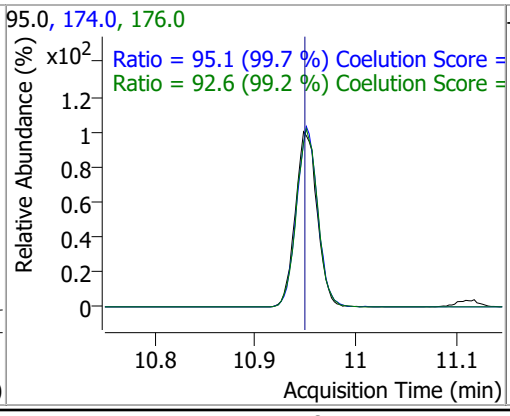


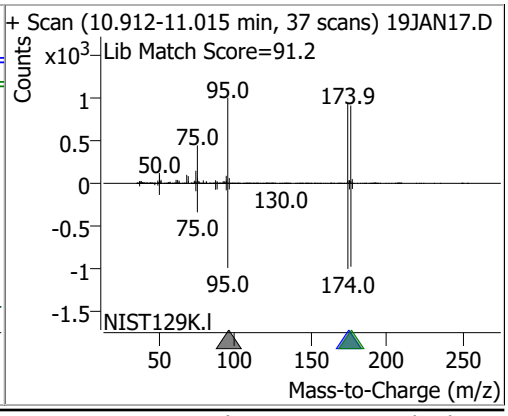




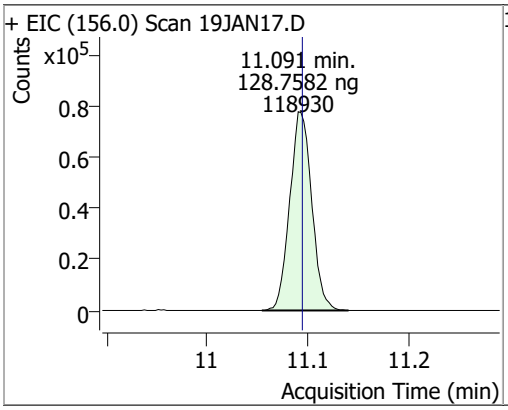
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	258.3795	10.95	0.00	270628	174.0	95.1	65.3	125.3
					176.0	92.6	63.3	123.3

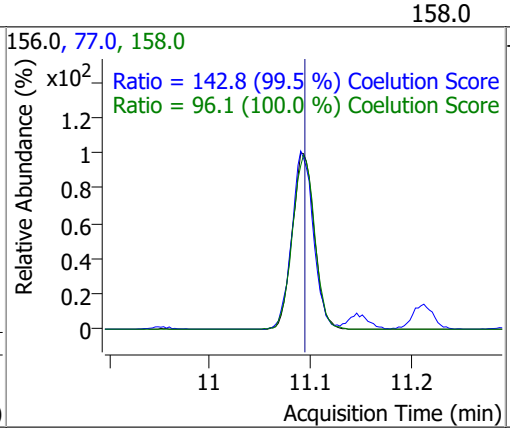


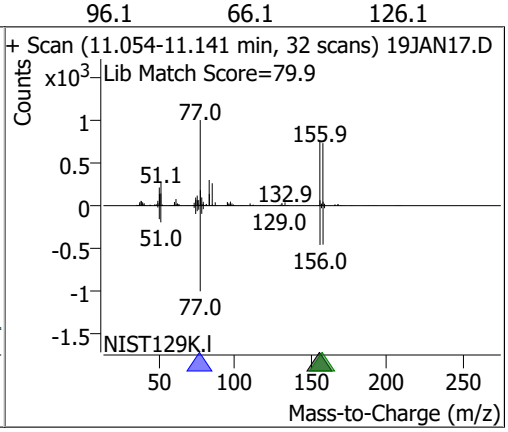




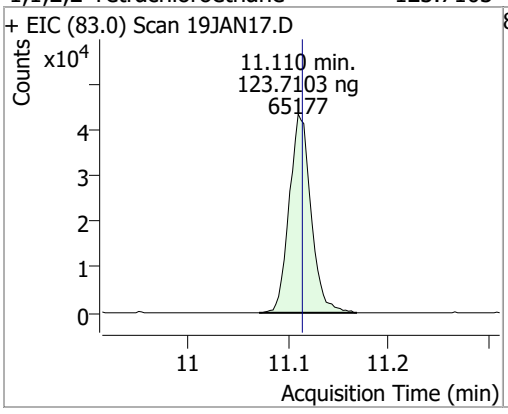
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	128.7582	11.09	0.00	118930	77.0	142.8	113.5	173.5
					158.0	96.1	66.1	126.1

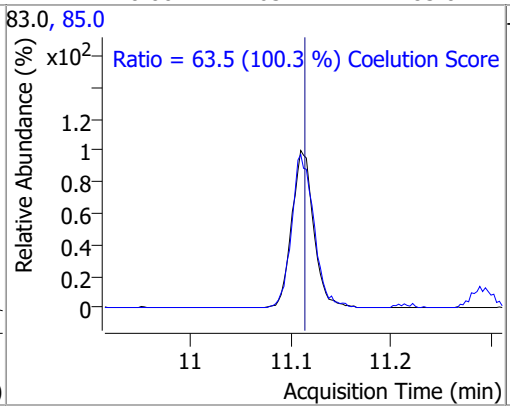


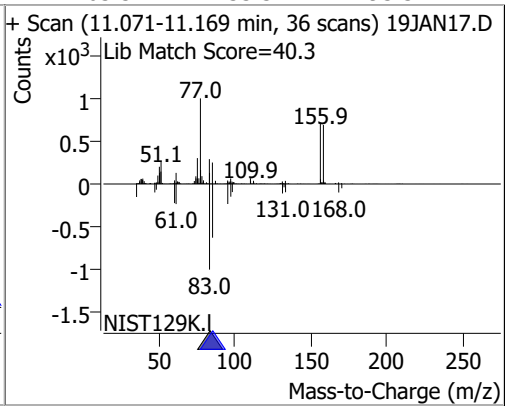




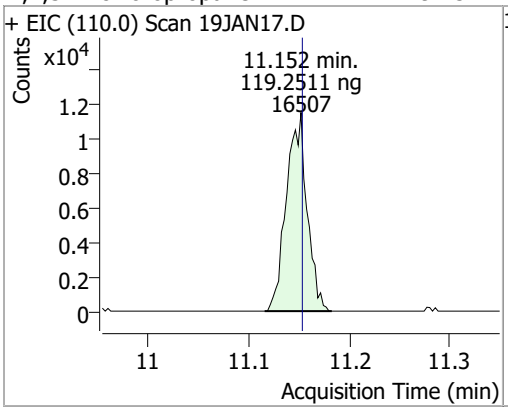
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	123.7103	11.11	0.00	65177	85.0	63.5	33.3	93.3

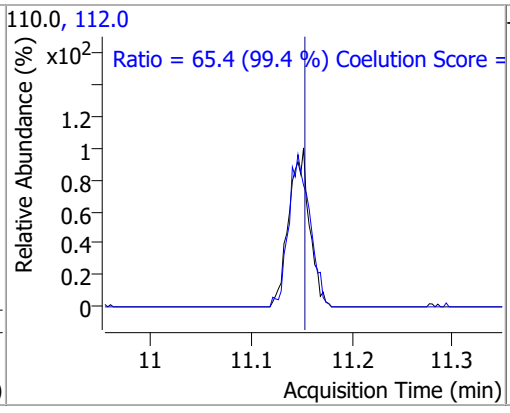


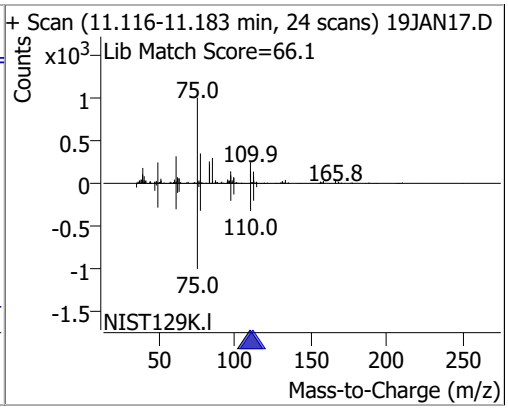




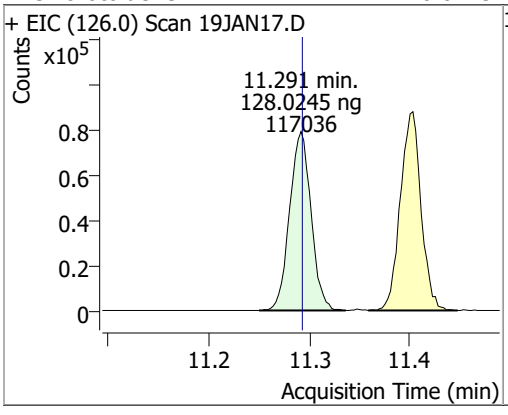
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	119.2511	11.15	0.00	16507	112.0	65.4	35.8	95.8

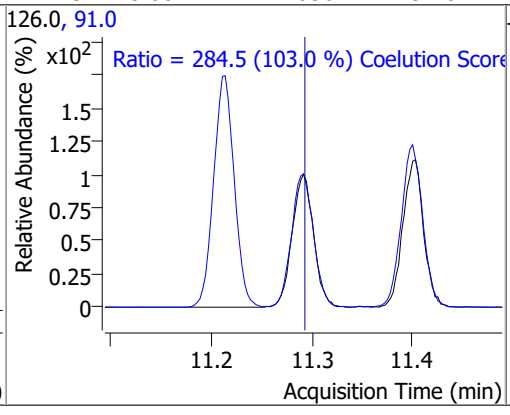


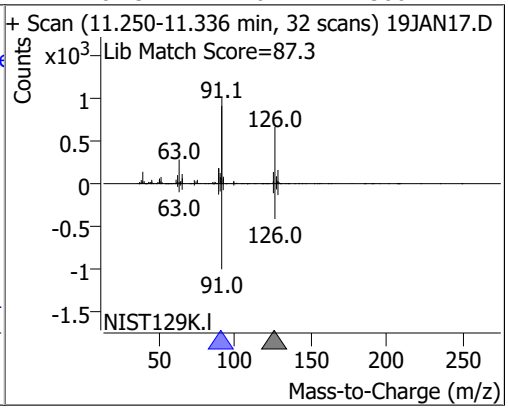




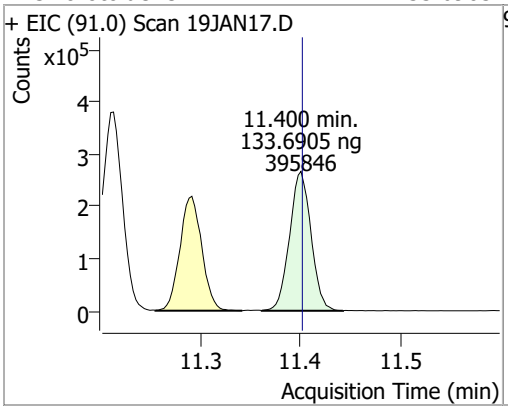
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	128.0245	11.29	0.00	117036	91.0	284.5	246.2	306.2

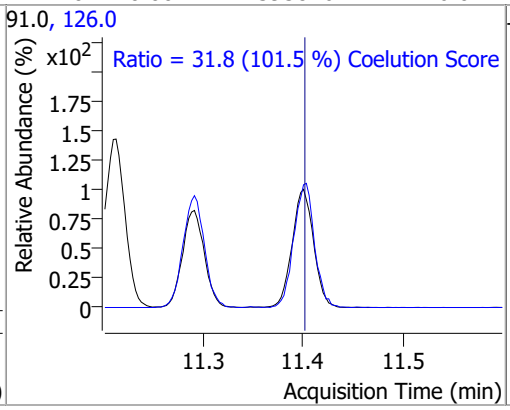


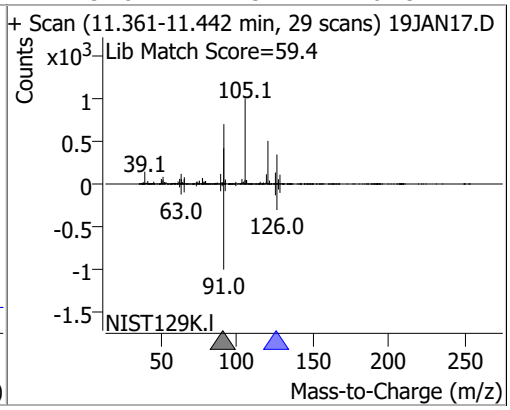




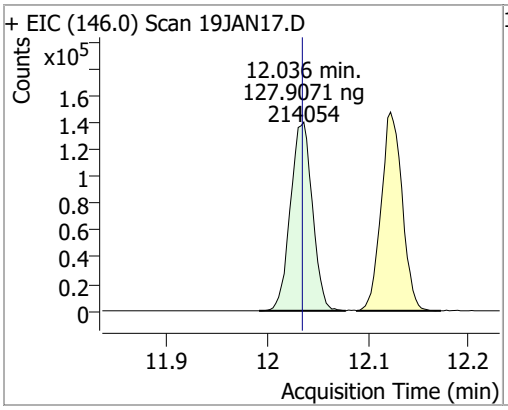
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	133.6905	11.40	0.00	395846	126.0	31.8	1.3	61.3

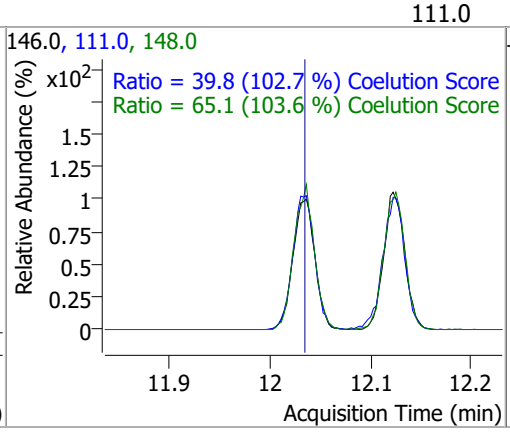


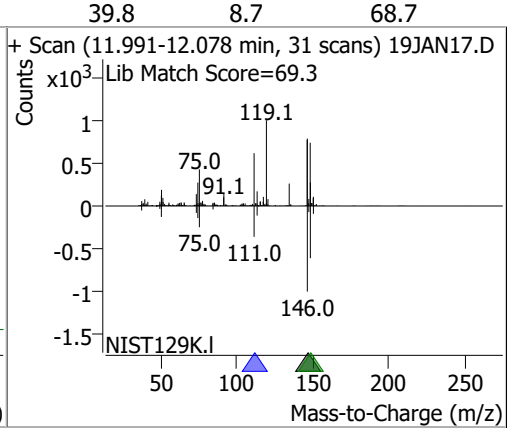




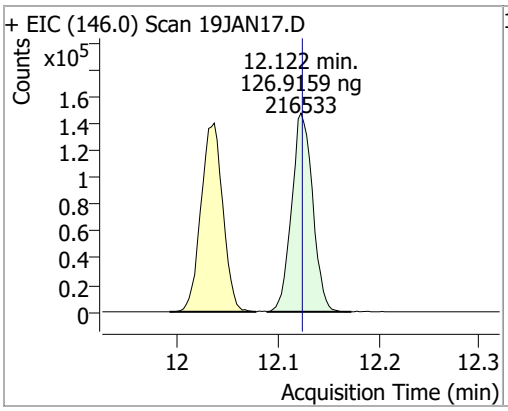
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	127.9071	12.04	0.00	214054	148.0	65.1	32.8	92.8
					111.0	39.8	8.7	68.7

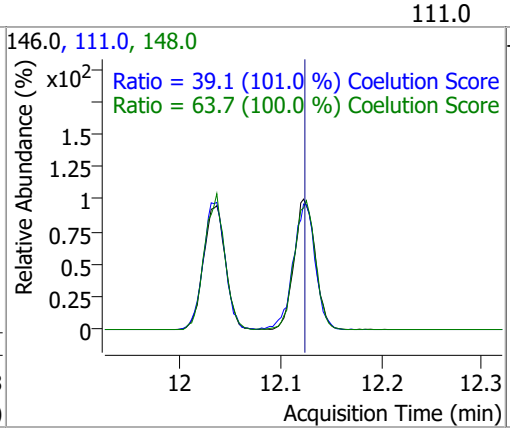


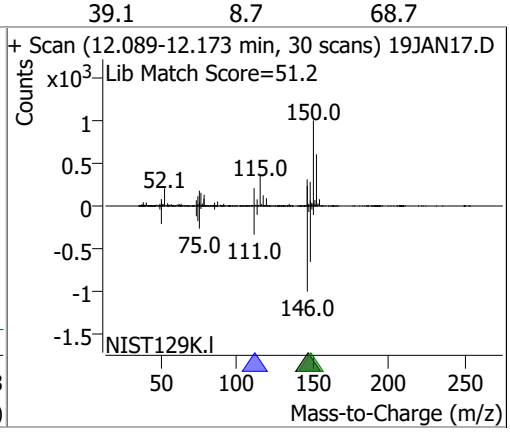




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	126.9159	12.12	0.00	216533	148.0	63.7	33.7	93.7
					111.0	39.1	8.7	68.7

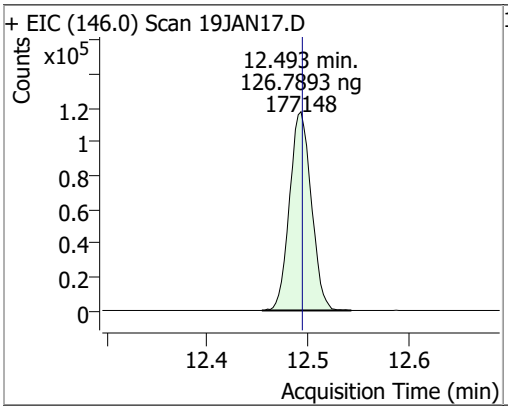


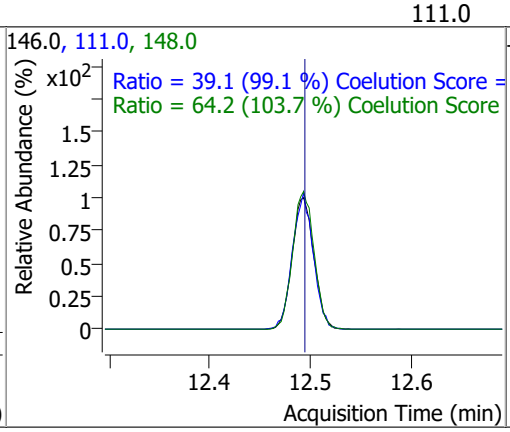


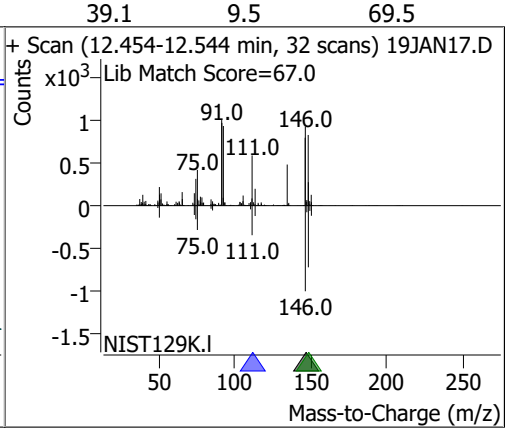


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	126.7893	12.49	0.00	177148	148.0	64.2	31.9	91.9
					111.0	39.1	9.5	69.5







Batch name and path: D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	1/19/2022 9:29:47 AM	Create new batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 9:30:15 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN01.D			✓	
CmdStartMethodEditing	BL2000\mchavez	1/19/2022 9:30:41 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	1/19/2022 9:30:42 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_010422_CAL\VOA5975C_8260B_SHT_DoD_L4_010422.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/19/2022 9:30:46 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/19/2022 9:30:47 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/19/2022 9:30:47 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 9:30:51 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 9:54:44 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN02.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 9:54:51 AM	Set SampleType = TuneCheck for sample 19JAN02.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 9:54:53 AM	Quantitate all compounds in all samples			✓	
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CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 11:32:21 AM	Set LevelName = 1 for sample 19JAN04.D; previous value =			✓	
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Name	User	Time	Action	Reason	Comment	Succeed	Exception
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CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 11:34:14 AM	Manually integrate compound 1,2,3-Trichloropropane in sample 19JAN05.D from x, y = 11.105, 0 to 11.183, 0; result = 1522			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 11:34:18 AM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 19JAN05.D from x, y = 11.110, 0 to 11.191, 0; result = 987			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 12:01:49 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
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CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 12:10:59 PM	Set LevelName = 3 for sample 19JAN06.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 12:11:04 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 12:11:39 PM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 19JAN04.D from x, y = 6.183, 0 to 6.319, 0; result = 979			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 12:11:40 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 12:11:43 PM	Manually integrate qualifier65.0 of compound 1,2-Dichloroethane-d4 in sample 19JAN04.D from x, y = 6.194, 0 to 6.294, 0; result = 1988			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 12:13:27 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 1:17:06 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
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CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:17:39 PM	Set LevelName = 4 for sample 19JAN07.D; previous value =			✓	
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CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 1:21:29 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN09.D			✓	
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CmdStartMethodEditing	BL2000\mchavez	1/19/2022 1:24:27 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/19/2022 1:24:28 PM	Import method from sample 19JAN09.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\mchavez	1/19/2022 1:24:42 PM	Update retention time for compound 1,2-Dichlorobenzene; 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; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; Dichlorodifluoromethane;			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\mchavez	1/19/2022 1:24:48 PM	Update qualifier ratios for compound 1,2-Dichlorobenzene; 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;			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Update qualifier ratios for compound Dibromofluoromethane; Update 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 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound Dichlorodifluoromethane;				
CmdApplyMethodToAllSamples	BL2000\mchavez	1/19/2022 1:25:55 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/19/2022 1:25:55 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/19/2022 1:25:56 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 1:26:04 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:28:09 PM	Manually integrate qualifier87.0 of compound Dichlorodifluoromethane in sample 19JAN04.D from x, y = 1.202, 0 to 1.308, 0; result = 1552			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:28:17 PM	Manually integrate qualifier64.0 of compound Vinyl chloride in sample 19JAN04.D from x, y = 1.473, 0 to 1.542, -7; result = 1928			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:28:22 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 19JAN04.D, from x, y = 1.473, 0 to 1.531, 0, result = 1877; previous integration is from x, y = 1.473, 0 to 1.542, -7 and previous response = 1928.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:28:57 PM	Manually integrate qualifier66.0 of compound Chloroethane in sample 19JAN04.D from x, y = 1.838, 0 to 1.938, 0; result = 937			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:29:01 PM	Manually integrate compound Chloroethane in sample 19JAN04.D, from x, y = 1.871, 0 to 1.955, 0, result = 2651; previous integration is from x, y = 1.871, 0 to 1.922, 0 and previous response = 2305.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:29:05 PM	Set UserAnnotation = LT for compound Chloroethane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:29:16 PM	Manually integrate qualifier63.0 of compound 1,1-Dichloroethene in sample 19JAN04.D from x, y = 2.674, 0 to 2.764, 0; result = 1211			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:29:42 PM	Manually integrate compound Vinyl chloride in sample 19JAN03.D from x, y = 1.484, 0 to 1.526, 0; result = 450			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:29:49 PM	Manually integrate qualifier64.0 of compound Vinyl chloride in sample 19JAN03.D from x, y = 1.492, 0 to 1.515, -4; result = 300			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:29:56 PM	Manually integrate compound Bromomethane in sample 19JAN03.D from x, y = 1.788, 0 to 1.841, 0; result = 344			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:29:59 PM	Manually integrate qualifier94.0 of compound Bromomethane in sample 19JAN03.D from x, y = 1.777, 0 to 1.841, 0; result = 392			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:30:13 PM	Manually integrate compound Chloromethane in sample 19JAN03.D from x, y = 1.378, 0 to 1.436, 0; result = 477			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:30:15 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 19JAN03.D from x, y = 1.370, 0 to 1.439, 0; result = 66			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:30:24 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 19JAN03.D, from x, y = 1.492, 0 to 1.512, 0, result = 263; previous integration is from x, y = 1.492, 0 to 1.515, -4 and previous response = 300.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:30:47 PM	Manually integrate compound Methylene chloride in sample 19JAN03.D from x, y = 3.274, 0 to 3.397, 0; result = 2137			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:30:49 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 19JAN03.D from x, y = 3.285, 0 to 3.324, -4; result = 372			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:30:50 PM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 19JAN03.D, from x, y = 3.347, 6 to 3.386, 0, result = 339; previous integration is from x, y = 3.285, 0 to 3.324, -4 and previous response = 372.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:30:53 PM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 19JAN03.D, from x, y = 3.274, 0 to 3.405, 0, result = 1639; previous integration is from x, y = 3.347, 6 to 3.386, 0 and previous response = 339.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:30:54 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 19JAN03.D from x, y = 3.285, 0 to 3.375, 0; result = 701			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/19/2022 1:31:47 PM	Manually integrate compound trans-1,2-Dichloroethene in sample 19JAN04.D from x, y = 3.667, 0 to 3.779, 0; result = 2132			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:31:48 PM	Manually integrate qualifier 61.0 of compound trans-1,2-Dichloroethene in sample 19JAN04.D, from x, y = 3.662, 0 to 3.779, 0, result = 3467; previous integration is from x, y = 3.687, 0 to 3.756, 0 and previous response = 3419.			✓	
CmdClearManualIntegra tion	BL2000\mchavez	1/19/2022 1:31:52 PM	Clear manual integration of qualifier 61.0 for compound trans-1,2-Dichloroethene in sample 19JAN04.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:31:55 PM	Manually integrate qualifier98.0 of compound trans-1,2-Dichloroethene in sample 19JAN04.D from x, y = 3.673, 0 to 3.787, 0; result = 1448			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/19/2022 1:32:01 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 19JAN04.D from x, y = 3.712, 0 to 3.801, 0; result = 2662			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:32:03 PM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 19JAN04.D from x, y = 3.706, 0 to 3.796, 0; result = 521			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/19/2022 1:32:05 PM	Set UserAnnotation = NI for compound Methyl tert-butyl ether (MTBE) in sample 19JAN04.D; previous value =			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/19/2022 1:32:08 PM	Set UserAnnotation = NI for compound trans-1,2-Dichloroethene in sample 19JAN04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:32:15 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.325, 0 to 4.426, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> 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.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) 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	1/19/2022 1:32:20 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.320, 0 to 4.437, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> 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.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) 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	1/19/2022 1:32:25 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.306, 0 to 4.431, 0; result = 461			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:32:28 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.320, 0 to 4.440, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> 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.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) 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	1/19/2022 1:32:32 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.300, 0 to 4.423, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL011922_1. ---> 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.M

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							anualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) 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	1/19/2022 1:32:37 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 19JAN04.D from x, y = 4.306, 0 to 4.426, 0; result = 1662			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:32:46 PM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 19JAN04.D from x, y = 5.156, 0 to 5.223, 0; result = 682			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:32:49 PM	Manually integrate compound 2,2-Dichloropropane in sample 19JAN04.D, from x, y = 5.162, 0 to 5.257, 0, result = 3125; previous integration is from x, y = 5.162, 0 to 5.207, 0 and previous response = 2415.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:32:52 PM	Manually integrate compound 2,2-Dichloropropane in sample 19JAN04.D, from x, y = 5.126, 0 to 5.257, 0, result = 3183; previous integration is from x, y = 5.162, 0 to 5.257, 0 and previous response = 3125.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:32:54 PM	Set UserAnnotation = LT for compound 2,2-Dichloropropane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:32:56 PM	Manually integrate qualifier 41.0 of compound 2,2-Dichloropropane in sample 19JAN04.D, from x, y = 5.126, 0 to 5.237, 0, result = 2564; previous integration is from x, y = 5.168, 0 to 5.212, 0 and previous response = 2003.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:33:02 PM	Manually integrate compound cis-1,2-Dichloroethene in sample 19JAN04.D from x, y = 5.165, 0 to 5.276, 0; result = 2334			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:33:04 PM	Set UserAnnotation = NI for compound cis-1,2-Dichloroethene in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:33:06 PM	Manually integrate qualifier61.0 of compound cis-1,2-Dichloroethene in sample 19JAN04.D from x, y = 5.154, 0 to 5.248, 0; result = 3451			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:33:08 PM	Manually integrate qualifier98.0 of compound cis-1,2-Dichloroethene in sample 19JAN04.D from x, y = 5.156, 0 to 5.248, 0; result = 1627			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:33:16 PM	Manually integrate compound Methyl ethyl ketone in sample 19JAN04.D from x, y = 5.237, 0 to 5.357, 0; result = 3674			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:33:18 PM	Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 19JAN04.D from x, y = 5.273, 0 to 5.352, 0; result = 523			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:33:27 PM	Manually integrate compound Bromochloromethane in sample 19JAN04.D from x, y = 5.485, 0 to 5.558, 0; result = 901			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:33:29 PM	Manually integrate qualifier49.0 of compound Bromochloromethane in sample 19JAN04.D from x, y = 5.471, 0 to 5.583, 0; result = 2045			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:33:46 PM	Manually integrate compound Methyl ethyl ketone in sample 19JAN04.D, from x, y = 5.237, 0 to 5.318, 48, result = 2845; previous integration is from x, y = 5.237, 0 to 5.357, 0 and previous response = 3674.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/19/2022 1:33:48 PM	Drop baseline for compound Methyl ethyl ketone in sample 19JAN04.D to y = 0, new integration is from x, y = 5.237, 0 to 5.318, 0 and new response = 2962; previous integration is from x, y = 5.237, 0 to 5.318, 48 and previous response = 2845.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:33:57 PM	Set UserAnnotation = NI for compound Methyl ethyl ketone in sample 19JAN04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:34:00 PM	Set UserAnnotation = NI for compound Bromochloromethane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:34:08 PM	Manually integrate compound Dibromofluoromethane in sample 19JAN04.D from x, y = 5.792, 0 to 5.912, 0; result = 2660			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:34:09 PM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 19JAN04.D from x, y = 5.801, 0 to 5.895, 0; result = 403			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:34:16 PM	Manually integrate compound 1,1,1-Trichloroethane in sample 19JAN04.D from x, y = 5.784, 0 to 5.884, 0; result = 3627			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:34:19 PM	Manually integrate qualifier 99.0 of compound 1,1,1-Trichloroethane in sample 19JAN04.D, from x, y = 5.773, 0 to 5.879, 0, result = 2253; previous integration is from x, y = 5.809, 0 to 5.859, 0 and previous response = 2088.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:34:21 PM	Manually integrate qualifier61.0 of compound 1,1,1-Trichloroethane in sample 19JAN04.D from x, y = 5.787, 0 to 5.817, -38; result = 308			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:34:24 PM	Manually integrate qualifier 61.0 of compound 1,1,1-Trichloroethane in sample 19JAN04.D, from x, y = 5.787, 0 to 5.909, 0, result = 1755; previous integration is from x, y = 5.787, 0 to 5.817, -38 and previous response = 308.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:35:23 PM	Manually integrate compound Carbon tetrachloride in sample 19JAN04.D from x, y = 5.965, 0 to 6.085, 0; result = 3586			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:35:24 PM	Manually integrate qualifier119.0 of compound Carbon tetrachloride in sample 19JAN04.D from x, y = 5.979, 0 to 6.068, 0; result = 3767			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:35:27 PM	Manually integrate qualifier121.0 of compound Carbon tetrachloride in sample 19JAN04.D from x, y = 5.979, 0 to 6.091, 0; result = 893			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:35:34 PM	Set UserAnnotation = NI for compound Dibromofluoromethane in sample 19JAN04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:35:38 PM	Set UserAnnotation = NI for compound 1,1,1-Trichloroethane in sample 19JAN04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:35:41 PM	Set UserAnnotation = NI for compound Carbon tetrachloride in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:35:46 PM	Manually integrate qualifier110.0 of compound 1,1-Dichloropropene in sample 19JAN04.D from x, y = 5.990, 0 to 6.107, 0; result = 1162			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:35:49 PM	Manually integrate qualifier77.0 of compound 1,1-Dichloropropene in sample 19JAN04.D from x, y = 6.007, 0 to 6.107, 0; result = 1080			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:35:54 PM	Manually integrate compound 1,1-Dichloropropene in sample 19JAN04.D, from x, y = 6.007, 0 to 6.102, 0, result = 2749; previous integration is from x, y = 6.007, 0 to 6.063, 0 and previous response = 2626.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:35:57 PM	Set UserAnnotation = LT for compound 1,1-Dichloropropene in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:06 PM	Manually integrate qualifier77.0 of compound Benzene in sample 19JAN04.D from x, y = 6.230, 0 to 6.328, 0; result = 1998			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:36:17 PM	Manually integrate compound 1,2-Dichloroethane in sample 19JAN04.D from x, y = 6.258, 0 to 6.361, 0; result = 2542			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:36:18 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:21 PM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 19JAN04.D from x, y = 6.294, 0 to 6.372, 0; result = 628			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:23 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 19JAN04.D from x, y = 6.300, 0 to 6.367, 0; result = 60			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:31 PM	Manually integrate qualifier130.0 of compound Trichloroethene in sample 19JAN04.D from x, y = 6.994, 0 to 7.069, 0; result = 2386			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:32 PM	Manually integrate qualifier97.0 of compound Trichloroethene in sample 19JAN04.D from x, y = 6.983, 0 to 7.036, -23; result = 1304			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:33 PM	Manually integrate qualifier 97.0 of compound Trichloroethene in sample 19JAN04.D, from x, y = 7.053, 0 to 7.097, 0, result = 0; previous integration is from x, y = 6.983, 0 to 7.036, -23 and previous response = 1304.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:35 PM	Manually integrate qualifier 97.0 of compound Trichloroethene in sample 19JAN04.D, from x, y = 6.980, 0 to 7.072, 0, result = 1635; previous integration is from x, y = 7.053, 0 to 7.097, 0 and previous response = 0.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:40 PM	Manually integrate qualifier76.0 of compound 1,2-Dichloropropane in sample 19JAN04.D from x, y = 7.234, 0 to 7.323, 0; result = 691			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:36:46 PM	Manually integrate compound Dibromomethane in sample 19JAN04.D from x, y = 7.354, 0 to 7.446, 0; result = 1166			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:49 PM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 19JAN04.D from x, y = 7.348, 0 to 7.443, 0; result = 663			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:36:51 PM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 19JAN04.D from x, y = 7.357, 0 to 7.451, 0; result = 869			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:36:54 PM	Set UserAnnotation = NI for compound Dibromomethane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:37:02 PM	Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 19JAN04.D from x, y = 7.543, 0 to 7.644, 0; result = 1982			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:37:04 PM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 19JAN04.D from x, y = 7.563, 0 to 7.633, 0; result = 121			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:37:10 PM	Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 19JAN04.D from x, y = 8.029, 0 to 8.107, 0; result = 1066			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:37:15 PM	Manually integrate qualifier39.0 of compound cis-1,3-Dichloropropene in sample 19JAN04.D from x, y = 8.018, 0 to 8.087, 0; result = 2172			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:37:21 PM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 19JAN04.D from x, y = 8.288, 0 to 8.349, 0; result = 942			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:37:34 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.614, 0 to 8.651, 15, result = 467; previous integration is from x, y = 8.653, 0 to 8.692, 0 and previous response = 2767.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:37:41 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.614, 0 to 8.656, 7, result = 542; previous integration is from x, y = 8.614, 0 to 8.651, 15 and previous response = 467.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/19/2022 1:37:42 PM	Drop baseline for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D to y = 0, new integration is from x, y = 8.614, 0 to 8.656, 0 and new response = 551; previous integration is from x, y = 8.614, 0 to 8.656, 7 and previous response = 542.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:37:45 PM	Manually integrate qualifier39.0 of compound trans-1,3-Dichloropropene in sample 19JAN04.D from x, y = 8.606, 0 to 8.662, 0; result = 1435			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:37:49 PM	Manually integrate compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.598, 0 to 8.667, 0, result = 2153; previous integration is from x, y = 8.617, 0 to 8.667, 0 and previous response = 2153.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> 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
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:37:54 PM	Manually integrate compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.598, 0 to 8.667, 0, result = 2153; previous integration is from x, y = 8.617, 0 to 8.667, 0 and previous response = 2153.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> 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
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:37:58 PM	Manually integrate compound trans-1,3-Dichloropropene in sample 19JAN04.D, from x, y = 8.595, 51 to 8.667, 0, result = 2153; previous integration is from x, y = 8.617, 0 to 8.667, 0 and previous response = 2153.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound trans-1,3-Dichloropropene in sample ICAL011922_1. ---> 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)
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:38:08 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 19JAN04.D from x, y = 8.770, 0 to 8.868, 0; result = 1045			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:38:09 PM	Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:38:13 PM	Manually integrate qualifier97.0 of compound 1,1,2-Trichloroethane in sample 19JAN04.D from x, y = 8.759, 0 to 8.862, 0; result = 1421			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:38:15 PM	Manually integrate qualifier85.0 of compound 1,1,2-Trichloroethane in sample 19JAN04.D from x, y = 8.784, 0 to 8.860, 0; result = 685			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:38:21 PM	Manually integrate qualifier129.0 of compound Tetrachloroethene in sample 19JAN04.D from x, y = 8.907, 0 to 8.985, 0; result = 1872			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:38:27 PM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 19JAN04.D from x, y = 8.952, 0 to 9.007, 0; result = 606			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:38:45 PM	Manually integrate compound Chlorodibromomethane in sample 19JAN04.D from x, y = 9.166, 0 to 9.242, 0; result = 2004			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:38:47 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 19JAN04.D from x, y = 9.164, 0 to 9.242, 0; result = 1238			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:38:51 PM	Manually integrate compound 1,2-Dibromoethane in sample 19JAN04.D from x, y = 9.284, 0 to 9.367, 0; result = 1089			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:38:54 PM	Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 19JAN04.D from x, y = 9.284, 0 to 9.353, 0; result = 1084			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/19/2022 1:38:58 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 19JAN04.D; previous value =			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/19/2022 1:39:02 PM	Set UserAnnotation = NI for compound 1,2-Dibromoethane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:40:54 PM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 19JAN04.D from x, y = 9.746, 0 to 9.841, 0; result = 2581			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/19/2022 1:41:03 PM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample 19JAN04.D from x, y = 9.847, 0 to 9.931, 0; result = 2284			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:41:05 PM	Manually integrate qualifier133.0 of compound 1,1,1,2-Tetrachloroethane in sample 19JAN04.D from x, y = 9.861, 0 to 9.961, 0; result = 2023			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/19/2022 1:41:09 PM	Set UserAnnotation = NI for compound 1,1,1,2-Tetrachloroethane in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/19/2022 1:41:22 PM	Manually integrate compound Bromoform in sample 19JAN04.D from x, y = 10.600, 0 to 10.667, 0; result = 928			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/19/2022 1:41:23 PM	Set UserAnnotation = NI for compound Bromoform in sample 19JAN04.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:41:25 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 19JAN04.D from x, y = 10.577, 0 to 10.650, 0; result = 195			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:41:27 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 19JAN04.D from x, y = 10.583, 0 to 10.686, 0; result = 313			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/19/2022 1:41:33 PM	Manually integrate compound 1,1,2,2-Tetrachloroethane in sample 19JAN04.D from x, y = 11.082, 0 to 11.155, 0; result = 1247			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:41:35 PM	Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 19JAN04.D from x, y = 11.071, 0 to 11.141, 0; result = 694			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/19/2022 1:41:38 PM	Set UserAnnotation = NI for compound 1,1,2,2-Tetrachloroethane in sample 19JAN04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:41:44 PM	Manually integrate compound 1,2,3-Trichloropropane in sample 19JAN04.D from x, y = 11.105, 0 to 11.185, 0; result = 358			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:41:46 PM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 19JAN04.D from x, y = 11.107, 0 to 11.177, 0; result = 151			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:41:55 PM	Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 19JAN04.D from x, y = 11.364, 0 to 11.436, 0; result = 1561			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:41:59 PM	Manually integrate qualifier111.0 of compound 1,3-Dichlorobenzene in sample 19JAN04.D from x, y = 12.005, 0 to 12.064, 0; result = 1455			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:42:18 PM	Manually integrate qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 19JAN04.D, from x, y = 12.120, 148 to 12.145, 0, result = 846; previous integration is from x, y = 12.072, 0 to 12.145, 0 and previous response = 4629.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/19/2022 1:42:19 PM	Drop baseline for qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 19JAN04.D to y = 0, new integration is from x, y = 12.120, 0 to 12.145, 0 and new response = 957; previous integration is from x, y = 12.120, 148 to 12.145, 0 and previous response = 846.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:42:27 PM	Manually integrate qualifier 148.0 of compound 1,4-Dichlorobenzene in sample 19JAN04.D, from x, y = 12.072, 0 to 12.150, 0, result = 3848; previous integration is from x, y = 12.097, 0 to 12.150, 0 and previous response = 3367.			✓	
CmdClearManualIntegration	BL2000\mchavez	1/19/2022 1:42:31 PM	Clear manual integration of qualifier 148.0 for compound 1,4-Dichlorobenzene in sample 19JAN04.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:42:41 PM	Manually integrate qualifier111.0 of compound 1,2-Dichlorobenzene in sample 19JAN04.D from x, y = 12.460, 0 to 12.555, 0; result = 1070			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:42:43 PM	Manually integrate qualifier148.0 of compound 1,2-Dichlorobenzene in sample 19JAN04.D from x, y = 12.451, 0 to 12.557, 0; result = 1992			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:42:49 PM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 19JAN04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:43:01 PM	Set SampleApproved = True for sample 19JAN04.D; previous value = False			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:43:23 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 19JAN05.D from x, y = 10.583, 0 to 10.684, 0; result = 2190			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:43:25 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 19JAN05.D from x, y = 10.589, 0 to 10.672, 0; result = 2021			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:43:56 PM	Manually integrate qualifier 78.0 of compound 1,3-Dichloropropane in sample 19JAN05.D, from x, y = 8.943, 0 to 9.008, 0, result = 3558; previous integration is from x, y = 8.977, 0 to 9.008, 0 and previous response = 2157.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:44:17 PM	Manually integrate qualifier 39.0 of compound cis-1,3-Dichloropropene in sample 19JAN05.D, from x, y = 8.032, 112 to 8.099, 0, result = 7131; previous integration is from x, y = 8.054, 0 to 8.099, 0 and previous response = 4532.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/19/2022 1:44:20 PM	Drop baseline for qualifier 39.0 of compound cis-1,3-Dichloropropene in sample 19JAN05.D to y = 0, new integration is from x, y = 8.032, 0 to 8.099, 0 and new response = 7356; previous integration is from x, y = 8.032, 112 to 8.099, 0 and previous response = 7131.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:44:24 PM	Manually integrate qualifier 39.0 of compound cis-1,3-Dichloropropene in sample 19JAN05.D, from x, y = 8.018, 0 to 8.099, 0, result = 7505; previous integration is from x, y = 8.032, 0 to 8.099, 0 and previous response = 7356.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:44:31 PM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 19JAN05.D from x, y = 7.546, 0 to 7.624, 0; result = 1037			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/19/2022 1:44:42 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 19JAN05.D from x, y = 6.283, 0 to 6.386, 0; result = 950			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:45:06 PM	Manually integrate compound Bromochloromethane in sample 19JAN05.D, from x, y = 5.483, 0 to 5.552, 0, result = 4232; previous integration is from x, y = 5.497, 0 to 5.533, 0 and previous response = 3442.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:45:10 PM	Set UserAnnotation = LT for compound Bromochloromethane in sample 19JAN05.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:45:17 PM	Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 19JAN05.D from x, y = 5.257, 0 to 5.329, 0; result = 2846			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:45:21 PM	Manually integrate qualifier 72.0 of compound Methyl ethyl ketone in sample 19JAN05.D, from x, y = 5.257, 0 to 5.338, 0, result = 2885; previous integration is from x, y = 5.257, 0 to 5.329, 0 and previous response = 2846.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:45:35 PM	Manually integrate qualifier 97.0 of compound 2,2-Dichloropropane in sample 19JAN05.D, from x, y = 5.154, 0 to 5.254, 0, result = 3837; previous integration is from x, y = 5.154, 0 to 5.196, 0 and previous response = 2025.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:45:50 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 19JAN05.D from x, y = 4.328, 0 to 4.440, 0; result = 2691			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:46:08 PM	Set SampleApproved = True for sample 19JAN05.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 1:46:18 PM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 19JAN05.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/19/2022 1:47:08 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 19JAN06.D from x, y = 6.283, 0 to 6.386, 0; result = 1846			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:47:52 PM	Set SampleApproved = True for sample 19JAN06.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/19/2022 1:50:23 PM	Replace level 5 with Calibration sample 19JAN09.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 4 with Calibration sample 19JAN07.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}; Replace level 3 with Calibration sample 19JAN06.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 2 with Calibration sample 19JAN05.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, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level 1 with Calibration sample 19JAN04.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	1/19/2022 1:50:32 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 1:50:46 PM	Set LevelEnable = False for calibration level 6, levelId = 25 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 1:50:47 PM	Set LevelEnable = False for calibration level 7, levelId = 24 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 1:50:49 PM	Set LevelEnable = False for calibration level 8, levelId = 23 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 1:50:57 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 1:51:06 PM	Set LevelEnable = True for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 1:51:17 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 1:51:52 PM	Set LevelEnable = False for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN09.D; previous value = True			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 1:52:09 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN10.D			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 1:52:20 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/19/2022 1:53:31 PM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 19JAN05.D, from x, y = 6.191, 0 to 6.266, 0, result = 4197; previous integration is from x, y = 6.208, 0 to 6.266, 0 and previous response = 3982.			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 1:53:58 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/19/2022 1:54:14 PM	Replace level 5 with Calibration sample 19JAN09.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, 1,1-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-d4}; Replace level 4 with Calibration sample 19JAN07.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, 1,1-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, 1,2-Dichloroethane-d4}; Replace level 3 with Calibration sample 19JAN06.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, 1,1-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-d4}; Replace level 2 with Calibration sample 19JAN05.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,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 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-d4}; Replace level 1 with Calibration sample 19JAN04.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, 1,1-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-d4};				
CmdQuantitate	BL2000\mchavez	1/19/2022 1:54:22 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	1/19/2022 2:05:48 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/19/2022 2:05:48 PM	Import method from sample 19JAN03.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdApplyMethodToAllSamples	BL2000\mchavez	1/19/2022 2:06:21 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/19/2022 2:06:21 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/19/2022 2:06:22 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 2:06:30 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 2:10:42 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 2:16:39 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 2:17:28 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN11.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 2:17:33 PM	Set SampleType = Calibration for sample 19JAN11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 2:17:36 PM	Set LevelName = 6 for sample 19JAN11.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 2:17:47 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 2:19:19 PM	Set SampleApproved = True for sample 19JAN11.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/19/2022 2:19:30 PM	Replace level 6 with Calibration sample 19JAN11.D for compounds {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, 1,2-Dichlorobenzene};			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 2:19:51 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 2:20:01 PM	Set LevelEnable = True for calibration level 6, levelId = 37 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 2:20:14 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 2:20:37 PM	Set LevelEnable = True for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 2:20:47 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 2:20:59 PM	Set LevelEnable = False for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 2:21:09 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 2:32:34 PM	Set CurveFit = fitQuadratic for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 2:32:45 PM	Set CurveFit = fitAverageOfResponseFactors for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitQuadratic			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 2:33:16 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 2:50:30 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 2:50:47 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN12.D			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 2:50:59 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 2:56:02 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 3:11:37 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 3:11:57 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN13.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 3:12:03 PM	Set SampleType = Calibration for sample 19JAN13.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 3:12:07 PM	Set LevelName = 7 for sample 19JAN13.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 3:12:17 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 3:14:06 PM	Set SampleApproved = True for sample 19JAN13.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/19/2022 3:14:17 PM	Replace level 7 with Calibration sample 19JAN13.D for compounds {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, 1,2-Dichlorobenzene};			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 3:14:35 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 3:14:43 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 3:21:12 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 3:22:01 PM	Set LevelEnable = True for calibration level 7, levelId = 38 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 3:22:13 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 3:26:11 PM	Set CurveFit = fitQuadratic for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 3:26:23 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 3:26:39 PM	Set CurveFit = fitLinear for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitQuadratic			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 3:26:50 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/19/2022 3:26:57 PM	Set CurveFit = fitAverageOfResponseFactors for compound 1,2-Dichloroethane-d4 in all samples; previous value = fitLinear			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 3:27:09 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 3:34:54 PM	Set LevelEnable = False for calibration level 8, levelId = 23 of compound Bromomethane in sample 19JAN03.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 3:35:06 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 3:35:47 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 4:04:53 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 4:05:15 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN15.D, D:\Org\Data\VOA5975C\VG011922\19JAN14.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 4:05:22 PM	Set SampleType = Calibration for sample 19JAN15.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 4:05:28 PM	Set LevelName = 8 for sample 19JAN15.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 4:05:39 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 4:07:07 PM	Set SampleApproved = True for sample 19JAN15.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/19/2022 4:07:19 PM	Replace level 8 with Calibration sample 19JAN15.D for compounds {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, 1,2-Dichlorobenzene};			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 4:07:38 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 4:07:45 PM	Set LevelEnable = True for calibration level 8, levelId = 39 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 4:08:00 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 4:08:26 PM	Set LevelEnable = True for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 4:10:52 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 4:11:25 PM	Set LevelEnable = False for calibration level 1, levelId = 36 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 4:11:37 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 4:19:40 PM	Set LevelEnable = False for calibration level 8, levelId = 39 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	1/19/2022 4:19:44 PM	Set LevelEnable = True for calibration level 8, levelId = 39 of compound 1,2-Dichloroethane-d4 in sample 19JAN03.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 4:19:56 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 4:21:48 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 4:59:06 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 5:00:01 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN17.D, D:\Org\Data\VOA5975C\VG011922\19JAN16.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 5:01:06 PM	Set SampleType = QC for sample 19JAN17.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 5:01:14 PM	Set LevelName = QC for sample 19JAN17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 5:01:17 PM	Set SampleInformation = LCSA for sample 19JAN17.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 5:01:32 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	1/19/2022 5:01:59 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/19/2022 5:01:59 PM	Import method from sample 19JAN17.D			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/19/2022 5:02:57 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/19/2022 5:02:57 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/19/2022 5:02:58 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 5:03:10 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/19/2022 5:03:34 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/20/2022 8:25:52 AM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	1/20/2022 8:26:56 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN23.D, D:\Org\Data\VOA5975C\VG011922\19JAN22.D, D:\Org\Data\VOA5975C\VG011922\19JAN21.D, D:\Org\Data\VOA5975C\VG011922\19JAN20.D, D:\Org\Data\VOA5975C\VG011922\19JAN19.D, D:\Org\Data\VOA5975C\VG011922\19JAN18.D			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:27:14 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:49:42 AM	Set UserAnnotation = NI for compound Chloromethane in sample 19JAN03.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:49:46 AM	Set UserAnnotation = NI for compound Vinyl chloride in sample 19JAN03.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:49:53 AM	Set UserAnnotation = NI for compound Bromomethane in sample 19JAN03.D; previous value =			✓	
CmdSetLevelEnable	BL2000\mchavez	1/20/2022 8:50:00 AM	Set LevelEnable = True for calibration level 8, levelId = 39 of compound Bromomethane in sample 19JAN17.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:50:17 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:50:23 AM	Set CurveFit = fitQuadratic for compound Bromomethane in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:50:26 AM	Set CurveFitWeight = weightOneOverX for compound Bromomethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:50:40 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:50:59 AM	Set CurveFit = fitAverageOfResponseFactors for compound Bromomethane in all samples; previous value = fitQuadratic			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:51:02 AM	Set CurveFitWeight = weightEqual for compound Bromomethane in all samples; previous value = weightOneOverX			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:51:17 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:51:24 AM	Set CurveFit = fitQuadratic for compound Bromomethane in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:51:26 AM	Set CurveFitWeight = weightOneOverX for compound Bromomethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:51:40 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 8:52:05 AM	Set SampleApproved = True for sample 19JAN07.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:52:22 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 19JAN03.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:53:54 AM	Set UserAnnotation = LT for compound 1,2-Dichloroethane-d4 in sample 19JAN05.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:57:21 AM	Set CurveFit = fitQuadratic for compound Ethylbenzene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:57:23 AM	Set CurveFitWeight = weightOneOverX for compound Ethylbenzene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:57:42 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:57:51 AM	Set CurveFit = fitQuadratic for compound m+p-Xylenes in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:57:53 AM	Set CurveFitWeight = weightOneOverX for compound m+p-Xylenes in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:58:12 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	1/20/2022 8:58:28 AM	Set LevelEnable = True for calibration level 1, levelId = 36 of compound o-Xylene in sample 19JAN17.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:58:32 AM	Set CurveFit = fitQuadratic for compound o-Xylene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:58:35 AM	Set CurveFitWeight = weightOneOverX for compound o-Xylene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:58:51 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:59:06 AM	Set CurveFit = fitQuadratic for compound Styrene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/20/2022 8:59:09 AM	Set CurveFitWeight = weightOneOverX for compound Styrene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 8:59:24 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:07:29 AM	Set SampleApproved = True for sample 19JAN17.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:13:44 AM	Set SampleApproved = True for sample 19JAN03.D; previous value = False			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/20/2022 9:25:54 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:26:13 AM	Set SampleType = CC for sample 19JAN09CC.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:26:21 AM	Set LevelName = CC for sample 19JAN09CC.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:26:37 AM	Set SampleName = CC011922_ for sample 19JAN09CC.D; previous value = ICAL011922_5			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:26:55 AM	Set UserDefined = Reimported CAL5 as CC for sample 19JAN09CC.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 9:27:20 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:27:48 AM	Set SampleApproved = True for sample 19JAN09CC.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:27:48 AM	Set SampleApproved = False for sample 19JAN09CC.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/20/2022 9:28:13 AM	Replace level CC with CC sample 19JAN09CC.D for compounds {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, 1,2-Dichlorobenzene}; Replace level QC with QC sample 19JAN17.D for compounds {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,			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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-Dichlorobenzene}; Replace level 8 with Calibration sample 19JAN15.D for compounds {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, 1,2-Dichlorobenzene}; Replace level 7 with Calibration sample 19JAN13.D for compounds {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,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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, 1,2-Dichlorobenzene}; Replace level 6 with Calibration sample 19JAN11.D for compounds {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, 1,2-Dichlorobenzene}; Replace level 5 with Calibration sample 19JAN09.D for compounds {1,4-Dichlorobenzene, 1,3-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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, 1,2-Dichlorobenzene}; Replace level 4 with Calibration sample 19JAN07.D for compounds {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-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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-Dichlorobenzene}; Replace level 3 with Calibration sample 19JAN06.D for compounds {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, 1,2-Dichlorobenzene}; Replace level 2 with Calibration sample 19JAN05.D for compounds {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,				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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, 1,2-Dichlorobenzene}; Replace level 1 with Calibration sample 19JAN04.D for compounds {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, 1,2-Dichlorobenzene};				
CmdQuantitate	BL2000\mchavez	1/20/2022 9:28:29 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:28:41 AM	Set SampleApproved = True for sample 19JAN09CC.D; previous value = False			✓	
CmdStartMethodEditing	BL2000\mchavez	1/20/2022 9:29:11 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/20/2022 9:29:11 AM	Import method from sample 19JAN04.D			✓	
CmdSaveMethodAs	BL2000\mchavez	1/20/2022 9:31:09 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/20/2022 9:31:23 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/20/2022 9:31:23 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/20/2022 9:31:24 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 9:31:41 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 9:31:55 AM	Set SampleApproved = True for sample 19JAN02.D; previous value = False			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/20/2022 9:32:21 AM	Manually integrate qualifier66.0 of compound Chloroethane in sample 19JAN19.D from x, y = 1.869, 0 to 1.983, 0; result = 2724			✓	
CmdManuallyIntegrateMerge	BL2000\mchavez	1/20/2022 9:32:26 AM	Merge peak with left peak for qualifier 84.0 of compound Methylene chloride in sample 19JAN19.D, new integration is from x, y = 3.291, 0 to 3.388, 0 and new response = 11921;previous integration is from x, y = 3.291, 0 to 3.388, 0 and previous response = 11921.			✓	
CmdManuallyIntegrateMerge	BL2000\mchavez	1/20/2022 9:32:29 AM	Merge peak with left peak for compound Methylene chloride in sample 19JAN19.D, new integration is from x, y = 3.285, 0 to 3.388, 0 and new response = 17624; previous integration is from x, y= 3.327, 0 to 3.388, 0 and previous response =11453.			✓	
CmdSaveBatchTable	BL2000\mchavez	1/20/2022 9:47:49 AM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/20/2022 10:19:52 AM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 10:20:43 AM	Set SampleType = Blank for sample 19JAN22.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/20/2022 10:20:49 AM	Set SampleType = Blank for sample 19JAN23.D; previous value = Sample			✓	
CmdStartMethodEditing	BL2000\mchavez	1/20/2022 10:21:04 AM	Start method editing			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportMethodFromSample	BL2000\mchavez	1/20/2022 10:21:04 AM	Import method from sample 19JAN04.D			✓	
CmdSaveMethodAs	BL2000\mchavez	1/20/2022 10:22:36 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/20/2022 10:22:46 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/20/2022 10:22:46 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/20/2022 10:22:47 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/20/2022 10:23:06 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/20/2022 10:23:19 AM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/22/2022 1:02:27 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	1/22/2022 1:02:42 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/22/2022 1:02:42 PM	Import method from sample 19JAN01.D			✓	
CmdSaveMethodAs	BL2000\mchavez	1/22/2022 1:03:52 PM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/22/2022 1:04:05 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/22/2022 1:04:05 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/22/2022 1:04:06 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/22/2022 1:04:23 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/22/2022 1:16:10 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	1/22/2022 1:17:28 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B			✓	
CmdStartMethodEditing	BL2000\mchavez	1/22/2022 1:22:07 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	1/22/2022 1:22:08 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdApplyMethodToAllSamples	BL2000\mchavez	1/22/2022 1:22:19 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/22/2022 1:22:19 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/22/2022 1:22:19 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/22/2022 1:22:36 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/22/2022 1:22:47 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	1/22/2022 1:23:39 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B-1			✓	
CmdSetLevelEnable	BL2000\mchavez	1/22/2022 1:26:22 PM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,2,3-Trichloropropane in sample 19JAN01.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	1/22/2022 1:26:43 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\mchavez	1/22/2022 1:30:44 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	1/22/2022 1:30:55 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	1/22/2022 1:30:55 PM	Import method from sample 19JAN04.D			✓	
CmdSaveMethodAs	BL2000\mchavez	1/22/2022 1:31:07 PM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/22/2022 1:31:24 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/22/2022 1:31:24 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/22/2022 1:31:24 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/22/2022 1:31:40 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	1/22/2022 1:32:14 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	1/22/2022 1:32:15 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/22/2022 1:32:26 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/22/2022 1:32:26 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/22/2022 1:32:26 PM	End method editing			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	1/22/2022 1:32:42 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/22/2022 1:34:07 PM	Save batch D:\Org\Data\VOA5975C\VG011922\QuantResults\VG011922_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/22/2022 1:34:47 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	1/22/2022 1:35:58 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B-2			✓	
CmdOpenBatchTable	BL2000\mchavez	2/14/2022 3:08:22 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	2/14/2022 3:09:56 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG011922\QuantReports\VG011922_8260B-3			✓	

Energy Laboratories Inc

ANALYTICAL RUN Summary

07-Mar-22

Run ID VOA5975C.I_220228A

Run Start Date:	2/28/2022
Analyst:	Melissa Chavez
Ical:	
Column ID:	
Comments:	

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3567B	2nd Source Ketones	1.05	ul	42	ml	LCS, MS, M	3/12/2022
VOCF3579A	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	2/28/2022
VOCF3582A	2nd Source MtBE	1.05	ul	42	ml	LCS, MS, M	3/1/2022
VOCF3590	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	ALL (TUNE	8/3/2022
VOCF3599A	Liquids	1.05	ul	42	ml	CCV	3/14/2022
VOCF3601B	Gases	1.05	ul	42	ml	CCV	3/3/2022
VOCF3603B	2nd Source Gases	1.05	ul	42	ml	LCS, MS, M	3/4/2022
VOCF3606	Ketones	1.05	ul	42	ml	CCV	3/25/2022
VOCF3607A	MtBE	1.05	ul	42	ml	CCV	3/30/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070711	28FEB03_D_TU	VOC-8260-BFB	TUNE	)A5975C\VG022	2/28/2022 10:40:	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	1.3	1.3		100	0	0	0	0	0	1%	0	1.99	0%	
174, % of mass 95	A	%	90.2	90.2		100	0	0	0	0	0	90%	50	99.99	0%	
175, % of mass 174	A	%	7.1	7.1		100	0	0	0	0	0	7%	5	9	0%	
176, % of mass 174	A	%	95.5	95.5		100	0	0	0	0	0	96%	95	101	0%	
177, % of mass 176	A	%	6.4	6.4		100	0	0	0	0	0	6%	5	9	0%	
50, % of mass 95	A	%	22.3	22.3		100	0	0	0	0	0	22%	15	40	0%	
75, % of mass 95	A	%	50.7	50.7		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	%	7.4	7.4		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				
15070766	CCV022822_	VOC-8260-W-Q	CCV	)A5975C\VG022	2/28/2022 11:26:	1	R375681		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	122.78723	4.9114892		5	0	0	0.101	0.5	500	98%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	124.58851	4.9835404		5	0	0	0.131	0.5	500	100%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	125.22744	5.0090976		5	0	0	0.0872	0.5	500	100%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	124.96544	4.9986176		5	0	0	0.108	0.5	500	100%	80	120	0%	
1,1-Dichloroethane	A	ug/L	122.4892	4.899568		5	0	0	0.135	0.5	500	98%	80	120	0%	
1,1-Dichloroethene	A	ug/L	110.3294	4.413176		5	0	0	0.141	0.5	500	88%	80	120	0%	
1,1-Dichloropropene	A	ug/L	120.79706	4.8318824		5	0	0	0.083	0.5	500	97%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	127.27842	5.0911368		5	0	0	0.235	0.5	500	102%	80	120	0%	
1,2-Dibromoethane	A	ug/L	124.65965	4.986386		5	0	0	0.0916	0.5	500	100%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	119.18117	4.7672468		5	0	0	0.0746	0.5	500	95%	80	120	0%	
1,2-Dichloroethane	A	ug/L	121.28192	4.8512768		5	0	0	0.116	0.5	500	97%	80	120	0%	
1,2-Dichloropropane	A	ug/L	129.42871	5.1771484		5	0	0	0.0847	0.5	500	104%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	121.99831	4.8799324		5	0	0	0.0803	0.5	500	98%	80	120	0%	
1,3-Dichloropropane	A	ug/L	126.74956	5.0699824		5	0	0	0.0791	0.5	500	101%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	120.82033	4.8328132		5	0	0	0.0858	0.5	500	97%	80	120	0%	
2,2-Dichloropropane	A	ug/L	124.30204	4.9720816		5	0	0	0.186	0.5	500	99%	80	120	0%	
2-Chlorotoluene	A	ug/L	122.49234	4.8996936		5	0	0	0.0876	0.5	500	98%	80	120	0%	
4-Chlorotoluene	A	ug/L	130.3573	5.214292		5	0	0	0.0728	0.5	500	104%	80	120	0%	
Benzene	A	ug/L	126.3721	5.054884		5	0	0	0.0914	0.5	500	101%	80	120	0%	
Bromobenzene	A	ug/L	126.97166	5.0788664		5	0	0	0.0831	0.5	500	102%	80	120	0%	
Bromochloromethane	A	ug/L	119.75166	4.7900664		5	0	0	0.141	0.5	500	96%	80	120	0%	
Bromodichloromethane	A	ug/L	125.4094	5.016376		5	0	0	0.12	0.5	500	100%	80	120	0%	
Bromoform	A	ug/L	122.47513	4.8990052		5	0	0	0.119	0.5	500	98%	80	120	0%	
Bromomethane	A	ug/L	134.50804	5.3803216		5	0	0	0.253	0.5	500	108%	80	120	0%	
Carbon tetrachloride	A	ug/L	123.06906	4.9227624		5	0	0	0.143	0.5	500	98%	80	120	0%	
Chlorobenzene	A	ug/L	124.25915	4.970366		5	0	0	0.0914	0.5	500	99%	80	120	0%	
Chlorodibromomethane	A	ug/L	125.37597	5.0150388		5	0	0	0.0841	0.5	500	100%	80	120	0%	
Chloroethane	A	ug/L	132.6764	5.307056		5	0	0	0.169	0.5	500	106%	80	120	0%	
Chloroform	A	ug/L	117.65964	4.7063856		5	0	0	0.0789	0.5	500	94%	80	120	0%	
Chloromethane	A	ug/L	129.43147	5.1772588		5	0	0	0.162	0.5	500	104%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	121.15277	4.8461108		5	0	0	0.108	0.5	500	97%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	125.00991	5.0003964		5	0	0	0.073	0.5	500	100%	80	120	0%	
Dibromomethane	A	ug/L	125.90486	5.0361944		5	0	0	0.147	0.5	500	101%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	124.02525	4.96101		5	0	0	0.175	0.5	500	99%	80	120	0%	
Ethylbenzene	A	ug/L	123.84231	4.9536924		5	0	0	0.0836	0.5	500	99%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070766	CCV022822_	VOC-8260-W-Q	CCV	)A5975C\VG022	2/28/2022 11:26:	1	R375681		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	243.09031	9.7236124		10	0	0	0.15	0.5	1000	97%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1159.95271	46.3981084		50	0	0	1.77	10	5000	93%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	123.1383	4.925532		5	0	0	0.101	0.5	500	99%	80	120	0%	
Methylene chloride	A	ug/L	122.42085	4.896834		5	0	0	0.338	0.5	500	98%	80	120	0%	
o-Xylene	A	ug/L	122.90679	4.9162716		5	0	0	0.0604	0.5	500	98%	80	120	0%	
Styrene	A	ug/L	122.50362	4.9001448		5	0	0	0.067	0.5	500	98%	80	120	0%	
Tetrachloroethene	A	ug/L	122.46342	4.8985368		5	0	0	0.0671	0.5	500	98%	80	120	0%	
Toluene	A	ug/L	127.65962	5.1063848		5	0	0	0.0679	0.5	500	102%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	120.94446	4.8377784		5	0	0	0.125	0.5	500	97%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	126.08314	5.0433256		5	0	0	0.0846	0.5	500	101%	80	120	0%	
Trichloroethene	A	ug/L	127.15118	5.0860472		5	0	0	0.0993	0.5	500	102%	80	120	0%	
Trichlorofluoromethane	A	ug/L	136.35465	5.454186		5	0	0	0.134	0.5	500	109%	80	120	0%	
Vinyl chloride	A	ug/L	125.57671	5.0230684		5	0	0	0.153	0.5	500	100%	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	365.9971	14.639884		15	0	0	0.0604	0.5	1500	98%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	277.34108	11.0936432		10	0	0	0.229	0.5	500	111%	80	120	0%	
Dibromofluoromethane	S	ug/L	269.93139	10.7972556		10	0	0	0.129	0.5	500	108%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	264.59226	10.5836904		10	0	0	0.149	0.5	500	106%	80	120	0%	
Toluene-d8	S	ug/L	276.36057	11.0544228		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
15070767	LCS022822_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG022	2/28/2022 12:13:	1	R375681		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	123.59022	4.9436088		5	0	0	0.101	0.5	500	99%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	115.43548	4.6174192		5	0	0	0.131	0.5	500	92%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	126.24738	5.0498952		5	0	0	0.0872	0.5	500	101%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	123.54632	4.9418528		5	0	0	0.108	0.5	500	99%	80	119	0%	
1,1-Dichloroethane	A	ug/L	121.56872	4.8627488		5	0	0	0.135	0.5	500	97%	77	125	0%	
1,1-Dichloroethene	A	ug/L	108.81944	4.3527776		5	0	0	0.141	0.5	500	87%	71	131	0%	
1,1-Dichloropropene	A	ug/L	109.97502	4.3990008		5	0	0	0.083	0.5	500	88%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	123.91987	4.9567948		5	0	0	0.235	0.5	500	99%	73	125	0%	
1,2-Dibromoethane	A	ug/L	120.77795	4.831118		5	0	0	0.0916	0.5	500	97%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070767	LCS022822_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG022	2/28/2022 12:13:	1	R375681		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	124.62479	4.9849916		5	0	0	0.0746	0.5	500	100%	80	119	0%	
1,2-Dichloroethane	A	ug/L	110.01229	4.4004916		5	0	0	0.116	0.5	500	88%	73	128	0%	
1,2-Dichloropropane	A	ug/L	120.80373	4.8321492		5	0	0	0.0847	0.5	500	97%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	125.61313	5.0245252		5	0	0	0.0803	0.5	500	100%	80	119	0%	
1,3-Dichloropropane	A	ug/L	121.12497	4.8449988		5	0	0	0.0791	0.5	500	97%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	123.90613	4.9562452		5	0	0	0.0858	0.5	500	99%	79	118	0%	
2,2-Dichloropropane	A	ug/L	116.33119	4.6532476		5	0	0	0.186	0.5	500	93%	60	139	0%	
2-Chlorotoluene	A	ug/L	126.30302	5.0521208		5	0	0	0.0876	0.5	500	101%	79	122	0%	
4-Chlorotoluene	A	ug/L	131.35179	5.2540716		5	0	0	0.0728	0.5	500	105%	78	122	0%	
Benzene	A	ug/L	119.45012	4.7780048		5	0	0	0.0914	0.5	500	96%	79	120	0%	
Bromobenzene	A	ug/L	123.61901	4.9447604		5	0	0	0.0831	0.5	500	99%	80	120	0%	
Bromochloromethane	A	ug/L	116.97826	4.6791304		5	0	0	0.141	0.5	500	94%	78	123	0%	
Bromodichloromethane	A	ug/L	122.46338	4.8985352		5	0	0	0.12	0.5	500	98%	79	125	0%	
Bromoform	A	ug/L	121.32967	4.8531868		5	0	0	0.119	0.5	500	97%	66	130	0%	
Bromomethane	A	ug/L	111.12425	4.44497		5	0	0	0.253	0.5	500	89%	53	141	0%	
Carbon tetrachloride	A	ug/L	114.05842	4.5623368		5	0	0	0.143	0.5	500	91%	72	136	0%	
Chlorobenzene	A	ug/L	122.23198	4.8892792		5	0	0	0.0914	0.5	500	98%	82	118	0%	
Chlorodibromomethane	A	ug/L	120.73836	4.8295344		5	0	0	0.0841	0.5	500	97%	74	126	0%	
Chloroethane	A	ug/L	128.76957	5.1507828		5	0	0	0.169	0.5	500	103%	60	138	0%	
Chloroform	A	ug/L	113.81308	4.5525232		5	0	0	0.0789	0.5	500	91%	79	124	0%	
Chloromethane	A	ug/L	121.22738	4.8490952		5	0	0	0.162	0.5	500	97%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	122.32757	4.8931028		5	0	0	0.108	0.5	500	98%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	114.95031	4.5980124		5	0	0	0.073	0.5	500	92%	75	124	0%	
Dibromomethane	A	ug/L	123.67225	4.94689		5	0	0	0.147	0.5	500	99%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	110.90886	4.4363544		5	0	0	0.175	0.5	500	89%	32	152	0%	
Ethylbenzene	A	ug/L	118.87422	4.7549688		5	0	0	0.0836	0.5	500	95%	79	121	0%	
m+p-Xylenes	A	ug/L	235.15229	9.4060916		10	0	0	0.15	0.5	1000	94%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1286.32319	51.4529276		50	0	0	1.77	10	5000	103%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	127.53071	5.1012284		5	0	0	0.101	0.5	500	102%	71	124	0%	
Methylene chloride	A	ug/L	114.14485	4.565794		5	0	0	0.338	0.5	500	91%	74	124	0%	
o-Xylene	A	ug/L	121.10641	4.8442564		5	0	0	0.0604	0.5	500	97%	78	122	0%	
Styrene	A	ug/L	121.89888	4.8759552		5	0	0	0.067	0.5	500	98%	78	123	0%	
Tetrachloroethene	A	ug/L	115.31378	4.6125512		5	0	0	0.0671	0.5	500	92%	74	129	0%	
Toluene	A	ug/L	123.66062	4.9464248		5	0	0	0.0679	0.5	500	99%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	112.39046	4.4956184		5	0	0	0.125	0.5	500	90%	75	124	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070767	LCS022822_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG022	2/28/2022 12:13:	1	R375681		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	127.44844	5.0979376		5	0	0	0.0846	0.5	500	102%	73	127	0%	
Trichloroethene	A	ug/L	117.79786	4.7119144		5	0	0	0.0993	0.5	500	94%	79	123	0%	
Trichlorofluoromethane	A	ug/L	123.63436	4.9453744		5	0	0	0.134	0.5	500	99%	65	141	0%	
Vinyl chloride	A	ug/L	122.24872	4.8899488		5	0	0	0.153	0.5	500	98%	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	356.2587	14.250348		15	0	0	0.0604	0.5	1500	95%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	281.9127	11.276508		10	0	0	0.229	0.5	500	113%	81	118	0%	
Dibromofluoromethane	S	ug/L	264.27161	10.5708644		10	0	0	0.129	0.5	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.791	10.55164		10	0	0	0.149	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	273.54114	10.9416456		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
15070768	MBLK022822_	VOC-8260-W-Q	MBLK	)A5975C\VG022	2/28/2022 1:07:5	1	R375681		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
15070768	MBLK022822_	VOC-8260-W-Q	MBLK	)A5975C\VG022	2/28/2022 1:07:5	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0.09653	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	0.17454	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	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	3.43663	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	289.68747	11.5874988		10	0	0	0.229	0.5	500	116%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070768	MBLK022822_	VOC-8260-W-Q	MBLK	)A5975C\VG022	2/28/2022 1:07:5	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	280.30229	11.2120916		10	0	0	0.129	0.5	500	112%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.30673	10.5322692		10	0	0	0.149	0.5	500	105%	85	114	0%	
Toluene-d8	S	ug/L	268.84681	10.7538724		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
15070771	B22021763-001	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 1:35:1	1	R375681		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
15070771	B22021763-001	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 1:35:1	1	R375681		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	0.30886	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	0.70484	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%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%			0%	U
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	294.6744	11.786976		10	0	0	0.229	1	500	118%	81	118	0%	
Dibromofluoromethane	S	ug/L	286.04062	11.4416248		10	0	0	0.129	1	500	114%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	280.34566	11.2138264		10	0	0	0.149	1	500	112%	85	114	0%	
Toluene-d8	S	ug/L	261.15847	10.4463388		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
15070772	B22021763-006	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 2:02:3	1	R375681		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
15070772	B22021763-006	VOC-8260-W-S	SAMP	)A5975C\VG022\	2/28/2022 2:02:3	1	R375681		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	0.11711	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	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
15070772	B22021763-006	VOC-8260-W-S	SAMP	)A5975C\VG022\	2/28/2022 2:02:3	1	R375681		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	0.54647	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%	
BETX, Total	M	ug/L	0.11711	0		0	0	0	0.0604	1	0	0%			0%	U
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	294.6374	11.785496		10	0	0	0.229	1	500	118%	81	118	0%	
Dibromofluoromethane	S	ug/L	279.49181	11.1796724		10	0	0	0.129	1	500	112%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	275.58778	11.0235112		10	0	0	0.149	1	500	110%	85	114	0%	
Toluene-d8	S	ug/L	261.73922	10.4695688		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
15070773	B22021763-011	VOC-8260-W-S	SAMP	)A5975C\VG022\	2/28/2022 2:29:4	1	R375681		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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
15070773	B22021763-011	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 2:29:4	1	R375681		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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	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
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	0.29493	0		0	0	0	0.0679	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
15070773	B22021763-011	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 2:29:4	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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%	
BETX, Total	M	ug/L	0.29493	0		0	0	0	0.0604	1	0	0%			0%	U
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	288.28205	11.531282		10	0	0	0.229	1	500	115%	81	118	0%	
Dibromofluoromethane	S	ug/L	275.03882	11.0015528		10	0	0	0.129	1	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	266.73089	10.6692356		10	0	0	0.149	1	500	107%	85	114	0%	
Toluene-d8	S	ug/L	268.90765	10.756306		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
15070774	B22021763-016	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 2:57:1	1	R375681		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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070774	B22021763-016	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 2:57:1	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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	6.85949	0.2743796		0	0	0	0.0789	1	500	0%	0	0	0%	J
Chloromethane	A	ug/L	0.26472	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	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%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070774	B22021763-016	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 2:57:1	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
BETX, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%			0%	U
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	285.14809	11.4059236		10	0	0	0.229	1	500	114%	81	118	0%	
Dibromofluoromethane	S	ug/L	278.2163	11.128652		10	0	0	0.129	1	500	111%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.12921	10.8451684		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	265.6363	10.625452		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
15070775	B22021763-017	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 3:24:3	1	R375681		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	2.56907	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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
15070775	B22021763-017	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 3:24:3	1	R375681		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Carbon tetrachloride	A	ug/L	0.53415	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	7.76456	0.3105824		0	0	0	0.0789	1	500	0%	0	0	0%	J
Chloromethane	A	ug/L	3.82402	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	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%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%			0%	U
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	292.83657	11.7134628		10	0	0	0.229	1	500	117%	81	118	0%	
Dibromofluoromethane	S	ug/L	274.45584	10.9782336		10	0	0	0.129	1	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	277.36175	11.09447		10	0	0	0.149	1	500	111%	85	114	0%	
Toluene-d8	S	ug/L	267.12497	10.6849988		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
15070776	B22021763-002	VOC-8260-W-S	SAMP	)A5975C\VG022\	2/28/2022 4:19:1	1	R375681		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	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
15070776	B22021763-002	VOC-8260-W-S	SAMP	)A5975C\VG022\	2/28/2022 4:19:1	1	R375681		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	0.5156	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%	
BETX, Total	M	ug/L	0.5156	0		0	0	0	0.0604	1	0	0%			0%	U
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	289.30143	11.5720572		10	0	0	0.229	1	500	116%	81	118	0%	
Dibromofluoromethane	S	ug/L	266.09362	10.6437448		10	0	0	0.129	1	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	268.76312	10.7505248		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	269.30586	10.7722344		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
15070777	B22021763-007	VOC-8260-W-S	SAMP	)A5975C\VG022\	2/28/2022 4:46:3	1	R375681		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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070777	B22021763-007	VOC-8260-W-S	SAMP	)A5975C\VG022\	2/28/2022 4:46:3	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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	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
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	1.64368	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	0.92204	0		0	0	0	0.0679	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
15070777	B22021763-007	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 4:46:3	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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%	
BETX, Total	M	ug/L	0.92204	0		0	0	0	0.0604	1	0	0%			0%	U
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	280.90952	11.2363808		10	0	0	0.229	1	500	112%	81	118	0%	
Dibromofluoromethane	S	ug/L	275.70072	11.0280288		10	0	0	0.129	1	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	256.13249	10.2452996		10	0	0	0.149	1	500	102%	85	114	0%	
Toluene-d8	S	ug/L	261.53615	10.461446		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
15070778	B22021763-012	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 5:13:5	1	R375681		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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070778	B22021763-012	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 5:13:5	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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	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	2.6572	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	0.4593	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%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070778	B22021763-012	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 5:13:5	1	R375681		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
BETX, Total	M	ug/L	0.4593	0		0	0	0	0.0604	1	0	0%			0%	U
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	279.47473	11.1789892		10	0	0	0.229	1	500	112%	81	118	0%	
Dibromofluoromethane	S	ug/L	273.15958	10.9263832		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	277.20958	11.0883832		10	0	0	0.149	1	500	111%	85	114	0%	
Toluene-d8	S	ug/L	266.61754	10.6647016		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
15070779	B22021763-018	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 5:41:1	1	R375681		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

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
15070779	B22021763-018	VOC-8260-W-S	SAMP	)A5975C\VG022	2/28/2022 5:41:1	1	R375681		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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	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	1.73942	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	0.38185	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%	
BETX, Total	M	ug/L	0.38185	0		0	0	0	0.0604	1	0	0%			0%	U
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	284.52185	11.380874		10	0	0	0.229	1	500	114%	81	118	0%	
Dibromofluoromethane	S	ug/L	273.7105	10.94842		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.9226	10.876904		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	262.91835	10.516734		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				
15070780	B22021763-011	VOC-8260-W-Q	SAMP	)A5975C\VG022	2/28/2022 2:29:4	1	R375681		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
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	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	0	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	0		0	0	0	0.0836	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
15070780	B22021763-011	VOC-8260-W-Q	SAMP	)A5975C\VG022	2/28/2022 2:29:4	1	R375681		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%	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	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	0	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	0.29493	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
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	288.28205	11.531282		10	0	0	0.229	0.5	500	115%	81	118	0%	
Dibromofluoromethane	S	ug/L	275.03882	11.0015528		10	0	0	0.129	0.5	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	266.73089	10.6692356		10	0	0	0.149	0.5	500	107%	85	114	0%	
Toluene-d8	S	ug/L	268.90765	10.756306		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
15070781	B22021763-011	VOC-8260-W-Q	MS-DOD	)A5975C\VG022	2/28/2022 6:08:3	1	R375681		2E+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	132.73938	5.3095752		5	0	0	0.101	0.5	500	106%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	134.08401	5.3633604		5	0	0	0.131	0.5	500	107%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	136.90359	5.4761436		5	0	0	0.0872	0.5	500	110%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	135.84462	5.4337848		5	0	0	0.108	0.5	500	109%	80	119	0%	
1,1-Dichloroethane	A	ug/L	137.98243	5.5192972		5	0	0	0.135	0.5	500	110%	77	125	0%	
1,1-Dichloroethene	A	ug/L	141.32277	5.6529108		5	0	0	0.141	0.5	500	113%	71	131	0%	
1,1-Dichloropropene	A	ug/L	134.90932	5.3963728		5	0	0	0.083	0.5	500	108%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	136.33261	5.4533044		5	0	0	0.235	0.5	500	109%	73	125	0%	
1,2-Dibromoethane	A	ug/L	136.89184	5.4756736		5	0	0	0.0916	0.5	500	110%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070781	B22021763-011	VOC-8260-W-Q	MS-DOD	)A5975C\VG022	2/28/2022 6:08:3	1	R375681		2E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	138.20449	5.5281796		5	0	0	0.0746	0.5	500	111%	80	119	0%	
1,2-Dichloroethane	A	ug/L	125.56179	5.0224716		5	0	0	0.116	0.5	500	100%	73	128	0%	
1,2-Dichloropropane	A	ug/L	133.96744	5.3586976		5	0	0	0.0847	0.5	500	107%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	139.92364	5.5969456		5	0	0	0.0803	0.5	500	112%	80	119	0%	
1,3-Dichloropropane	A	ug/L	129.96551	5.1986204		5	0	0	0.0791	0.5	500	104%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	138.42549	5.5370196		5	0	0	0.0858	0.5	500	111%	79	118	0%	
2,2-Dichloropropane	A	ug/L	138.53773	5.5415092		5	0	0	0.186	0.5	500	111%	60	139	0%	
2-Chlorotoluene	A	ug/L	139.95468	5.5981872		5	0	0	0.0876	0.5	500	112%	79	122	0%	
4-Chlorotoluene	A	ug/L	147.78918	5.9115672		5	0	0	0.0728	0.5	500	118%	78	122	0%	
Benzene	A	ug/L	136.5241	5.460964		5	0	0	0.0914	0.5	500	109%	79	120	0%	
Bromobenzene	A	ug/L	141.83812	5.6735248		5	0	0	0.0831	0.5	500	113%	80	120	0%	
Bromochloromethane	A	ug/L	131.30669	5.2522676		5	0	0	0.141	0.5	500	105%	78	123	0%	
Bromodichloromethane	A	ug/L	136.53766	5.4615064		5	0	0	0.12	0.5	500	109%	79	125	0%	
Bromoform	A	ug/L	135.81979	5.4327916		5	0	0	0.119	0.5	500	109%	66	130	0%	
Bromomethane	A	ug/L	93.60695	3.744278		5	0	0	0.253	0.5	500	75%	53	141	0%	
Carbon tetrachloride	A	ug/L	140.27267	5.6109068		5	0	0	0.143	0.5	500	112%	72	136	0%	
Chlorobenzene	A	ug/L	138.43967	5.5375868		5	0	0	0.0914	0.5	500	111%	82	118	0%	
Chlorodibromomethane	A	ug/L	131.84953	5.2739812		5	0	0	0.0841	0.5	500	105%	74	126	0%	
Chloroethane	A	ug/L	115.32547	4.6130188		5	0	0	0.169	0.5	500	92%	60	138	0%	
Chloroform	A	ug/L	128.49267	5.1397068		5	0	0	0.0789	0.5	500	103%	79	124	0%	
Chloromethane	A	ug/L	115.47083	4.6188332		5	0	0	0.162	0.5	500	92%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	136.23877	5.4495508		5	0	0	0.108	0.5	500	109%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	126.66918	5.0667672		5	0	0	0.073	0.5	500	101%	75	124	0%	
Dibromomethane	A	ug/L	135.7662	5.430648		5	0	0	0.147	0.5	500	109%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	110.39477	4.4157908		5	0	0	0.175	0.5	500	88%	32	152	0%	
Ethylbenzene	A	ug/L	136.03258	5.4413032		5	0	0	0.0836	0.5	500	109%	79	121	0%	
m+p-Xylenes	A	ug/L	268.33636	10.7334544		10	0	0	0.15	0.5	1000	107%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1182.76431	47.3105724		50	0	0	1.77	10	5000	95%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	116.41657	4.6566628		5	0	0	0.101	0.5	500	93%	71	124	0%	
Methylene chloride	A	ug/L	129.72761	5.1891044		5	0	0	0.338	0.5	500	104%	74	124	0%	
o-Xylene	A	ug/L	135.02436	5.4009744		5	0	0	0.0604	0.5	500	108%	78	122	0%	
Styrene	A	ug/L	136.61464	5.4645856		5	0	0	0.067	0.5	500	109%	78	123	0%	
Tetrachloroethene	A	ug/L	140.8098	5.632392		5	0	0	0.0671	0.5	500	113%	74	129	0%	
Toluene	A	ug/L	141.88935	5.675574		5	0	0	0.0679	0.5	500	114%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	133.16222	5.3264888		5	0	0	0.125	0.5	500	107%	75	124	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070781	B22021763-011	VOC-8260-W-Q	MS-DOD	)A5975C\VG022	2/28/2022 6:08:3	1	R375681		2E+07	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	140.47812	5.6191248		5	0	0	0.0846	0.5	500	112%	73	127	0%	
Trichloroethene	A	ug/L	137.21425	5.48857		5	0	0	0.0993	0.5	500	110%	79	123	0%	
Trichlorofluoromethane	A	ug/L	123.45809	4.9383236		5	0	0	0.134	0.5	500	99%	65	141	0%	
Vinyl chloride	A	ug/L	116.08466	4.6433864		5	0	0	0.153	0.5	500	93%	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	403.36072	16.1344288		15	0	0	0.0604	0.5	1500	108%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	276.02988	11.0411952		10	0	0	0.229	0.5	500	110%	81	118	0%	
Dibromofluoromethane	S	ug/L	261.73378	10.4693512		10	0	0	0.129	0.5	500	105%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	264.02217	10.5608868		10	0	0	0.149	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	278.75159	11.1500636		10	0	0	0.23	0.5	500	112%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070782	B22021763-011	VOC-8260-W-Q	MSD-DOD	)A5975C\VG022	2/28/2022 6:35:5	1	R375681		2E+07	2E+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	132.78478	5.3113912		5	0	5.3095752	0.101	0.5	500	106%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	136.42278	5.4569112		5	0	5.3633604	0.131	0.5	500	109%	74	131	2%	
1,1,2,2-Tetrachloroethane	A	ug/L	137.79988	5.5119952		5	0	5.4761436	0.0872	0.5	500	110%	71	121	1%	
1,1,2-Trichloroethane	A	ug/L	135.93235	5.437294		5	0	5.4337848	0.108	0.5	500	109%	80	119	0%	
1,1-Dichloroethane	A	ug/L	138.05495	5.522198		5	0	5.5192972	0.135	0.5	500	110%	77	125	0%	
1,1-Dichloroethene	A	ug/L	140.28817	5.6115268		5	0	5.6529108	0.141	0.5	500	112%	71	131	1%	
1,1-Dichloropropene	A	ug/L	135.14053	5.4056212		5	0	5.3963728	0.083	0.5	500	108%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	129.01557	5.1606228		5	0	5.4533044	0.235	0.5	500	103%	73	125	6%	
1,2-Dibromoethane	A	ug/L	135.99772	5.4399088		5	0	5.4756736	0.0916	0.5	500	109%	78	122	1%	
1,2-Dichlorobenzene	A	ug/L	140.13028	5.6052112		5	0	5.5281796	0.0746	0.5	500	112%	80	119	1%	
1,2-Dichloroethane	A	ug/L	122.90493	4.9161972		5	0	5.0224716	0.116	0.5	500	98%	73	128	2%	
1,2-Dichloropropane	A	ug/L	134.8587	5.394348		5	0	5.3586976	0.0847	0.5	500	108%	78	122	1%	
1,3-Dichlorobenzene	A	ug/L	140.55014	5.6220056		5	0	5.5969456	0.0803	0.5	500	112%	80	119	0%	
1,3-Dichloropropane	A	ug/L	132.72849	5.3091396		5	0	5.1986204	0.0791	0.5	500	106%	80	119	2%	
1,4-Dichlorobenzene	A	ug/L	135.14835	5.405934		5	0	5.5370196	0.0858	0.5	500	108%	79	118	2%	
2,2-Dichloropropane	A	ug/L	137.81601	5.5126404		5	0	5.5415092	0.186	0.5	500	110%	60	139	1%	
2-Chlorotoluene	A	ug/L	141.50322	5.6601288		5	0	5.5981872	0.0876	0.5	500	113%	79	122	1%	
4-Chlorotoluene	A	ug/L	147.26107	5.8904428		5	0	5.9115672	0.0728	0.5	500	118%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070782	B22021763-011	VOC-8260-W-Q	MSD-DOD	)A5975C\VG022	2/28/2022 6:35:5	1	R375681		2E+07	2E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	136.76553	5.4706212		5	0	5.460964	0.0914	0.5	500	109%	79	120	0%	
Bromobenzene	A	ug/L	139.77194	5.5908776		5	0	5.6735248	0.0831	0.5	500	112%	80	120	1%	
Bromochloromethane	A	ug/L	127.47356	5.0989424		5	0	5.2522676	0.141	0.5	500	102%	78	123	3%	
Bromodichloromethane	A	ug/L	137.36086	5.4944344		5	0	5.4615064	0.12	0.5	500	110%	79	125	1%	
Bromoform	A	ug/L	132.19587	5.2878348		5	0	5.4327916	0.119	0.5	500	106%	66	130	3%	
Bromomethane	A	ug/L	100.1503	4.006012		5	0	3.744278	0.253	0.5	500	80%	53	141	7%	
Carbon tetrachloride	A	ug/L	139.3071	5.572284		5	0	5.6109068	0.143	0.5	500	111%	72	136	1%	
Chlorobenzene	A	ug/L	137.80064	5.5120256		5	0	5.5375868	0.0914	0.5	500	110%	82	118	0%	
Chlorodibromomethane	A	ug/L	132.94756	5.3179024		5	0	5.2739812	0.0841	0.5	500	106%	74	126	1%	
Chloroethane	A	ug/L	120.31385	4.812554		5	0	4.6130188	0.169	0.5	500	96%	60	138	4%	
Chloroform	A	ug/L	126.40683	5.0562732		5	0	5.1397068	0.0789	0.5	500	101%	79	124	2%	
Chloromethane	A	ug/L	124.37014	4.9748056		5	0	4.6188332	0.162	0.5	500	99%	50	139	7%	
cis-1,2-Dichloroethene	A	ug/L	136.40324	5.4561296		5	0	5.4495508	0.108	0.5	500	109%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	127.81076	5.1124304		5	0	5.0667672	0.073	0.5	500	102%	75	124	1%	
Dibromomethane	A	ug/L	130.54678	5.2218712		5	0	5.430648	0.147	0.5	500	104%	79	123	4%	
Dichlorodifluoromethane	A	ug/L	119.3994	4.775976		5	0	4.4157908	0.175	0.5	500	96%	32	152	8%	
Ethylbenzene	A	ug/L	136.18905	5.447562		5	0	5.4413032	0.0836	0.5	500	109%	79	121	0%	
m+p-Xylenes	A	ug/L	263.23329	10.5293316		10	0	10.733454	0.15	0.5	1000	105%	80	121	2%	
Methyl ethyl ketone	A	ug/L	1269.07344	50.7629376		50	0	47.310572	1.77	10	5000	102%	56	143	7%	
Methyl tert-butyl ether (MTBE)	A	ug/L	121.64318	4.8657272		5	0	4.6566628	0.101	0.5	500	97%	71	124	4%	
Methylene chloride	A	ug/L	127.4057	5.096228		5	0	5.1891044	0.338	0.5	500	102%	74	124	2%	
o-Xylene	A	ug/L	133.2231	5.328924		5	0	5.4009744	0.0604	0.5	500	107%	78	122	1%	
Styrene	A	ug/L	135.29293	5.4117172		5	0	5.4645856	0.067	0.5	500	108%	78	123	1%	
Tetrachloroethene	A	ug/L	135.99348	5.4397392		5	0	5.632392	0.0671	0.5	500	109%	74	129	3%	
Toluene	A	ug/L	139.48049	5.5792196		5	0	5.675574	0.0679	0.5	500	112%	80	121	2%	
trans-1,2-Dichloroethene	A	ug/L	135.30646	5.4122584		5	0	5.3264888	0.125	0.5	500	108%	75	124	2%	
trans-1,3-Dichloropropene	A	ug/L	140.32682	5.6130728		5	0	5.6191248	0.0846	0.5	500	112%	73	127	0%	
Trichloroethene	A	ug/L	140.04171	5.6016684		5	0	5.48857	0.0993	0.5	500	112%	79	123	2%	
Trichlorofluoromethane	A	ug/L	129.49698	5.1798792		5	0	4.9383236	0.134	0.5	500	104%	65	141	5%	
Vinyl chloride	A	ug/L	128.5315	5.14126		5	0	4.6433864	0.153	0.5	500	103%	58	137	10%	
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	396.45639	15.8582556		15	0	16.134429	0.0604	0.5	1500	106%	79	121	2%	
1,2-Dichloroethane-d4	S	ug/L	279.01566	11.1606264		10	0	0	0.229	0.5	500	112%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070782	B22021763-011	VOC-8260-W-Q	MSD-DOD	)A5975C\VG022	2/28/2022 6:35:5	1	R375681		2E+07	2E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	265.4633	10.618532		10	0	0	0.129	0.5	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	268.8122	10.752488		10	0	0	0.149	0.5	500	108%	85	114	0%	
Toluene-d8	S	ug/L	276.78263	11.0713052		10	0	0	0.23	0.5	500	111%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
15070783	CCV022822_Cl	VOC-8260-W-Q	CCV	)A5975C\VG022	2/28/2022 7:30:3	1	R375681		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	121.2155	4.84862		5	0	0	0.101	0.5	500	97%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	125.63583	5.0254332		5	0	0	0.131	0.5	500	101%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	129.15311	5.1661244		5	0	0	0.0872	0.5	500	103%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	125.60241	5.0240964		5	0	0	0.108	0.5	500	100%	50	150	0%	
1,1-Dichloroethane	A	ug/L	123.4026	4.936104		5	0	0	0.135	0.5	500	99%	50	150	0%	
1,1-Dichloroethene	A	ug/L	124.15389	4.9661556		5	0	0	0.141	0.5	500	99%	50	150	0%	
1,1-Dichloropropene	A	ug/L	129.46523	5.1786092		5	0	0	0.083	0.5	500	104%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	120.18837	4.8075348		5	0	0	0.235	0.5	500	96%	50	150	0%	
1,2-Dibromoethane	A	ug/L	121.74238	4.8696952		5	0	0	0.0916	0.5	500	97%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	123.67194	4.9468776		5	0	0	0.0746	0.5	500	99%	50	150	0%	
1,2-Dichloroethane	A	ug/L	120.18959	4.8075836		5	0	0	0.116	0.5	500	96%	50	150	0%	
1,2-Dichloropropane	A	ug/L	124.82752	4.9931008		5	0	0	0.0847	0.5	500	100%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	122.74903	4.9099612		5	0	0	0.0803	0.5	500	98%	50	150	0%	
1,3-Dichloropropane	A	ug/L	124.47561	4.9790244		5	0	0	0.0791	0.5	500	100%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	124.21866	4.9687464		5	0	0	0.0858	0.5	500	99%	50	150	0%	
2,2-Dichloropropane	A	ug/L	122.05402	4.8821608		5	0	0	0.186	0.5	500	98%	50	150	0%	
2-Chlorotoluene	A	ug/L	124.40811	4.9763244		5	0	0	0.0876	0.5	500	100%	50	150	0%	
4-Chlorotoluene	A	ug/L	129.80282	5.1921128		5	0	0	0.0728	0.5	500	104%	50	150	0%	
Benzene	A	ug/L	124.0243	4.960972		5	0	0	0.0914	0.5	500	99%	50	150	0%	
Bromobenzene	A	ug/L	122.70289	4.9081156		5	0	0	0.0831	0.5	500	98%	50	150	0%	
Bromochloromethane	A	ug/L	120.21672	4.8086688		5	0	0	0.141	0.5	500	96%	50	150	0%	
Bromodichloromethane	A	ug/L	122.83194	4.9132776		5	0	0	0.12	0.5	500	98%	50	150	0%	
Bromoform	A	ug/L	120.38716	4.8154864		5	0	0	0.119	0.5	500	96%	50	150	0%	
Bromomethane	A	ug/L	114.32496	4.5729984		5	0	0	0.253	0.5	500	91%	50	150	0%	
Carbon tetrachloride	A	ug/L	127.32608	5.0930432		5	0	0	0.143	0.5	500	102%	50	150	0%	
Chlorobenzene	A	ug/L	123.21607	4.9286428		5	0	0	0.0914	0.5	500	99%	50	150	0%	
Chlorodibromomethane	A	ug/L	120.67157	4.8268628		5	0	0	0.0841	0.5	500	97%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
15070783	CCV022822_Cl	VOC-8260-W-Q	CCV	)A5975C\VG022	2/28/2022 7:30:3	1	R375681		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	122.29461	4.8917844		5	0	0	0.169	0.5	500	98%	50	150	0%	
Chloroform	A	ug/L	115.99068	4.6396272		5	0	0	0.0789	0.5	500	93%	50	150	0%	
Chloromethane	A	ug/L	124.61691	4.9846764		5	0	0	0.162	0.5	500	100%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	119.88904	4.7955616		5	0	0	0.108	0.5	500	96%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	119.90912	4.7963648		5	0	0	0.073	0.5	500	96%	50	150	0%	
Dibromomethane	A	ug/L	119.68301	4.7873204		5	0	0	0.147	0.5	500	96%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	128.04898	5.1219592		5	0	0	0.175	0.5	500	102%	50	150	0%	
Ethylbenzene	A	ug/L	122.00963	4.8803852		5	0	0	0.0836	0.5	500	98%	50	150	0%	
m+p-Xylenes	A	ug/L	246.97867	9.8791468		10	0	0	0.15	0.5	1000	99%	50	150	0%	
Methyl ethyl ketone	A	ug/L	1171.84107	46.8736428		50	0	0	1.77	10	5000	94%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	120.51125	4.82045		5	0	0	0.101	0.5	500	96%	50	150	0%	
Methylene chloride	A	ug/L	118.12394	4.7249576		5	0	0	0.338	0.5	500	94%	50	150	0%	
o-Xylene	A	ug/L	119.68364	4.7873456		5	0	0	0.0604	0.5	500	96%	50	150	0%	
Styrene	A	ug/L	122.72837	4.9091348		5	0	0	0.067	0.5	500	98%	50	150	0%	
Tetrachloroethene	A	ug/L	126.29056	5.0516224		5	0	0	0.0671	0.5	500	101%	50	150	0%	
Toluene	A	ug/L	127.2978	5.091912		5	0	0	0.0679	0.5	500	102%	50	150	0%	
trans-1,2-Dichloroethene	A	ug/L	119.45237	4.7780948		5	0	0	0.125	0.5	500	96%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	125.79295	5.031718		5	0	0	0.0846	0.5	500	101%	50	150	0%	
Trichloroethene	A	ug/L	124.78724	4.9914896		5	0	0	0.0993	0.5	500	100%	50	150	0%	
Trichlorofluoromethane	A	ug/L	134.20629	5.3682516		5	0	0	0.134	0.5	500	107%	50	150	0%	
Vinyl chloride	A	ug/L	126.42563	5.0570252		5	0	0	0.153	0.5	500	101%	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	366.66231	14.6664924		15	0	0	0.0604	0.5	1500	98%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	270.55969	10.8223876		10	0	0	0.229	0.5	500	108%	50	150	0%	
Dibromofluoromethane	S	ug/L	268.34236	10.7336944		10	0	0	0.129	0.5	500	107%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	267.77372	10.7109488		10	0	0	0.149	0.5	500	107%	50	150	0%	
Toluene-d8	S	ug/L	277.37323	11.0949292		10	0	0	0.23	0.5	500	111%	50	150	0%	

DATAFILE HEADERS FROM C:\MSDCHEM\1\DATA\VG022822

```
Data file Name : C:\MSDCHEM\1\DATA\VG022822\28FEB01.D
Sample Name    : PRIMER
Operator       : MSC
Date injected  : 28 Feb 2022   8:59 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\VG022822\28FEB02.D
Sample Name    : BFB022822_
Operator       : MSC
Date injected  : 28 Feb 2022   9:26 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\VG022822\28FEB03.D
Sample Name    : BFB022822_
Operator       : MSC
Date injected  : 28 Feb 2022  10:40 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\VG022822\28FEB04.D
Sample Name    : CCV022822_
Operator       : MSC
Date injected  : 28 Feb 2022  11:26 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\VG022822\28FEB05.D
```

```
Sample Name    : LCS022822_
Operator       : MSC
Date injected  : 28 Feb 2022  12:13 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\VG022822\28FEB06.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 28 Feb 2022  12:40 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\VG022822\28FEB07.D
Sample Name    : MBLK022822_
Operator       : MSC
Date injected  : 28 Feb 2022   1:07 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\VG022822\28FEB08.D
Sample Name    : B22021763-001F
Operator       : MSC
Date injected  : 28 Feb 2022   1:35 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 8
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG022822\28FEB09.D
Sample Name    : B22021763-006F
Operator       : MSC
Date injected  : 28 Feb 2022   2:02 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\VG022822\28FEB10.D
Sample Name    : B22021763-011F
Operator       : MSC
Date injected  : 28 Feb 2022   2:29 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\VG022822\28FEB11.D
Sample Name    : B22021763-016F
Operator       : MSC
Date injected  : 28 Feb 2022   2:57 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 11
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG022822\28FEB12.D
Sample Name    : B22021763-017C
Operator       : MSC
Date injected  : 28 Feb 2022   3:24 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 12
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG022822\28FEB13.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 28 Feb 2022   3:51 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
```

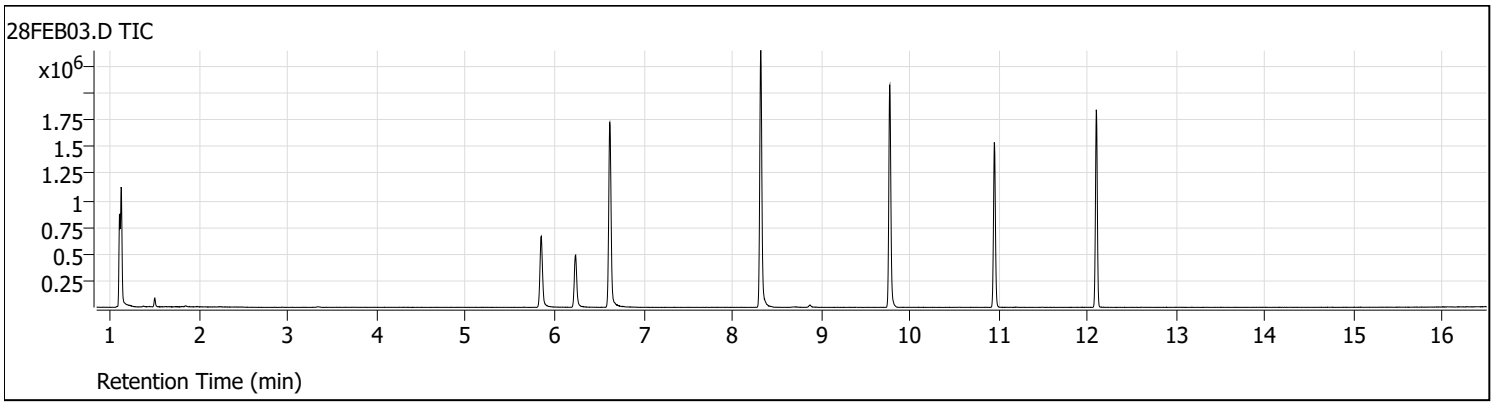
```
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 13
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG022822\28FEB14.D
Sample Name    : B22021763-002A
Operator       : MSC
Date injected  : 28 Feb 2022   4:19 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\VG022822\28FEB15.D
Sample Name    : B22021763-007A
Operator       : MSC
Date injected  : 28 Feb 2022   4:46 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 15
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG022822\28FEB16.D
Sample Name    : B22021763-012A
Operator       : MSC
Date injected  : 28 Feb 2022   5:13 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\VG022822\28FEB17.D
Sample Name    : B22021763-018A
Operator       : MSC
Date injected  : 28 Feb 2022   5:41 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 17
```

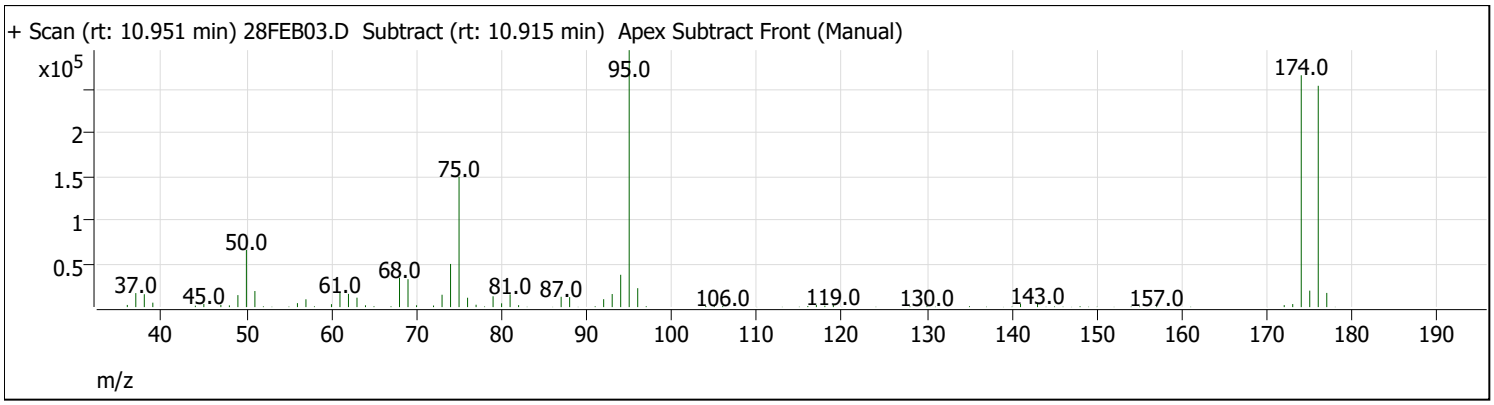
```
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG022822\28FEB18.D
Sample Name    : B22021763-011FMS
Operator       : MSC
Date injected  : 28 Feb 2022   6:08 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\VG022822\28FEB19.D
Sample Name    : B22021763-011FMSD
Operator       : MSC
Date injected  : 28 Feb 2022   6:35 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\VG022822\28FEB20.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 28 Feb 2022   7:03 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\VG022822\28FEB21.D
Sample Name    : CCV022822_Closing
Operator       : MSC
Date injected  : 28 Feb 2022   7:30 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\VG022822\28FEB22.D
```

```
Sample Name    : BLK
Operator       : MSC
Date injected  : 28 Feb 2022   7:57 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 22
---------------------------------------------------------------
```

Tune Evaluation Report

Data Path:	D:\Org\Data\VOA5975C\VG022822\28FEB03.D
Acq on:	2/28/2022 10:40:34 AM
Operator:	MSC
Sample:	BFB022822_
Inst Name:	VOA5975C
ALS Vial:	3
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	22.3	65608	Pass
75	95	30	60	50.7	149056	Pass
95	95	100	100	100.0	293958	Pass
96	95	5	9	7.4	21672	Pass
173	174	0	2	1.3	3509	Pass
174	95	50	100	90.2	265239	Pass
175	174	5	9	7.1	18848	Pass
176	174	95	101	95.5	253180	Pass
177	176	5	9	6.4	16250	Pass

Continuing Calibration Report

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Batch Name D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m
Daily CC D:\Org\Data\VOA5975C\VG02282228FEB04.D

Level name	Injection Time	Calibration Files
1	1/19/2022 10:48:21 AM	D:\Org\Data\VOA5975C\VG011922\19JAN04.D
2	1/19/2022 11:15:33 AM	D:\Org\Data\VOA5975C\VG011922\19JAN05.D
3	1/19/2022 11:42:44 AM	D:\Org\Data\VOA5975C\VG011922\19JAN06.D
4	1/19/2022 12:09:57 PM	D:\Org\Data\VOA5975C\VG011922\19JAN07.D
5	1/19/2022 1:04:20 PM	D:\Org\Data\VOA5975C\VG011922\19JAN09.D
6	1/19/2022 1:58:41 PM	D:\Org\Data\VOA5975C\VG011922\19JAN11.D
7	1/19/2022 2:53:18 PM	D:\Org\Data\VOA5975C\VG011922\19JAN13.D
8	1/19/2022 3:47:49 PM	D:\Org\Data\VOA5975C\VG011922\19JAN15.D
CC	2/28/2022 11:26:19 AM	D:\Org\Data\VOA5975C\VG022822\28FEB04.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	845168	806368	1096130	135.93	M
Chlorobenzene-d5	327060	318877	416882	130.73	M
1,4-Dichlorobenzene-d4	269016	262955	342961	130.43	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3362	0.3335	125.00	124.03	0.78	123.21	Avg RF
Chloromethane	0.3958	0.4098	125.00	129.43	-3.55	131.97	Avg RF
Vinyl chloride	0.3602	0.3619	125.00	125.58	-0.46	129.02	Avg RF
Bromomethane	0.9976	0.1689	125.00	134.51	-7.61	155.54	Quadratic
Chloroethane	0.1704	0.1809	125.00	132.68	-6.14	151.58	Avg RF
Trichlorofluoromethane	0.4320	0.4712	125.00	136.35	-9.08	133.41	Avg RF
1,1-Dichloroethene	0.2514	0.2219	125.00	110.33	11.74	115.09	Avg RF
Methylene chloride	0.3654	0.3579	125.00	122.42	2.06	130.81	Avg RF
trans-1,2-Dichloroethene	0.2597	0.2512	125.00	120.94	3.24	124.89	Avg RF
Methyl tert-butyl ether (MTBE)	0.3245	0.3197	125.00	123.14	1.49	127.92	Avg RF
1,1-Dichloroethane	0.4860	0.4762	125.00	122.49	2.01	126.90	Avg RF
2,2-Dichloropropane	0.3662	0.3642	125.00	124.30	0.56	130.07	Avg RF
cis-1,2-Dichloroethene	0.2629	0.2548	125.00	121.15	3.08	123.80	Avg RF
Methyl ethyl ketone	0.0380	0.0353 #	1250.00	1159.95	7.20	125.39	Avg RF
Bromochloromethane	0.1084	0.1038	125.00	119.75	4.20	123.84	Avg RF
Chloroform	0.4852	0.4567	125.00	117.66	5.87	127.54	Avg RF
1,1,1-Trichloroethane	0.4477	0.4462	125.00	124.59	0.33	129.08	Avg RF
Dibromofluoromethane	0.2421	0.2615	250.00	269.93	-7.97	284.25	Avg RF
Carbon tetrachloride	0.4342	0.4275	125.00	123.07	1.54	127.35	Avg RF
1,1-Dichloropropene	0.3630	0.3508	125.00	120.80	3.36	122.99	Avg RF
1,2-Dichloroethane-d4	0.1046	0.1160	250.00	277.34	-10.94	280.70	Avg RF
Benzene	0.9987	1.0097	125.00	126.37	-1.10	130.24	Avg RF
1,2-Dichloroethane	0.2758	0.2676	125.00	121.28	2.97	134.52	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.7484	0.7613	125.00	127.15	-1.72	131.68	Avg RF
1,2-Dichloropropane	0.6580	0.6814	125.00	129.43	-3.54	132.79	Avg RF
Dibromomethane	0.2774	0.2794	125.00	125.90	-0.72	130.40	Avg RF
Bromodichloromethane	0.7799	0.7825	125.00	125.41	-0.33	130.50	Avg RF
cis-1,3-Dichloropropene	0.8559	0.8559	125.00	125.01	-0.01	127.79	Avg RF
Toluene-d8	2.4390	2.6962	250.00	276.36	-10.54	272.28	Avg RF
Toluene	1.6257	1.6603	125.00	127.66	-2.13	128.39	Avg RF
trans-1,3-Dichloropropene	0.6243	0.6297	125.00	126.08	-0.87	127.62	Avg RF
1,1,2-Trichloroethane	0.3174	0.3174	125.00	124.97	0.03	125.33	Avg RF
Tetrachloroethene	0.6592	0.6459	125.00	122.46	2.03	123.29	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6424	0.6514	125.00	126.75	-1.40	133.92	Avg RF
Chlorodibromomethane	0.5112	0.5128	125.00	125.38	-0.30	128.51	Avg RF
1,2-Dibromoethane	0.3506	0.3496	125.00	124.66	0.27	124.60	Avg RF
Chlorobenzene	1.7822	1.7716	125.00	124.26	0.59	127.63	Avg RF
1,1,1,2-Tetrachloroethane	0.6253	0.6142	125.00	122.79	1.77	126.14	Avg RF
Ethylbenzene	0.9989	3.0761	125.00	123.84	0.93	126.94	Quadratic
m+p-Xylenes	0.9987	1.2021	250.00	243.09	2.76	123.52	Quadratic
o-Xylene	0.9987	1.0634	125.00	122.91	1.67	123.75	Quadratic
Styrene	0.9983	1.7528	125.00	122.50	2.00	124.81	Quadratic
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3350	0.3282	125.00	122.48	2.02	124.95	Avg RF
p-Bromofluorobenzene	0.9231	0.9769	250.00	264.59	-5.84	261.09	Avg RF
Bromobenzene	0.8140	0.8269	125.00	126.97	-1.58	125.77	Avg RF
1,1,2,2-Tetrachloroethane	0.4643	0.4651	125.00	125.23	-0.18	127.34	Avg RF
1,2,3-Trichloropropane	0.1220	0.1242	125.00	127.28	-1.82	130.24	Avg RF
2-Chlorotoluene	0.8056	0.7895	125.00	122.49	2.01	118.61	Avg RF
4-Chlorotoluene	2.6094	2.7212	125.00	130.36	-4.29	124.13	Avg RF
1,3-Dichlorobenzene	1.4748	1.4394	125.00	122.00	2.40	123.17	Avg RF
1,4-Dichlorobenzene	1.5036	1.4533	125.00	120.82	3.34	121.05	Avg RF
1,2-Dichlorobenzene	1.2313	1.1740	125.00	119.18	4.66	118.62	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\VG022822\QuantResults\VG022822_8260B.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m
Daily CC D:\Org\Data\VOA5975C\VG02282228FEB21.D

Level name	Injection Time	Calibration Files
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3	1/19/2022 11:42:44 AM	D:\Org\Data\VOA5975C\VG011922\19JAN06.D
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5	1/19/2022 1:04:20 PM	D:\Org\Data\VOA5975C\VG011922\19JAN09.D
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CC	2/28/2022 7:30:34 PM	D:\Org\Data\VOA5975C\VG022822\28FEB21.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	845168	806368	1070787	132.79	M
Chlorobenzene-d5	327060	318877	405651	127.21	M
1,4-Dichlorobenzene-d4	269016	262955	333387	126.78	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3362	0.3444	125.00	128.05	-2.44	124.26	Avg RF
Chloromethane	0.3958	0.3946	125.00	124.62	0.31	124.12	Avg RF
Vinyl chloride	0.3602	0.3643	125.00	126.43	-1.14	126.89	Avg RF
Bromomethane	0.9976	0.1421	125.00	114.32	8.54	127.84	Quadratic
Chloroethane	0.1704	0.1667	125.00	122.29	2.16	136.49	Avg RF
Trichlorofluoromethane	0.4320	0.4638	125.00	134.21	-7.37	128.27	Avg RF
1,1-Dichloroethene	0.2514	0.2497	125.00	124.15	0.68	126.52	Avg RF
Methylene chloride	0.3654	0.3453	125.00	118.12	5.50	123.30	Avg RF
trans-1,2-Dichloroethene	0.2597	0.2481	125.00	119.45	4.44	120.49	Avg RF
Methyl tert-butyl ether (MTBE)	0.3245	0.3129	125.00	120.51	3.59	122.30	Avg RF
1,1-Dichloroethane	0.4860	0.4798	125.00	123.40	1.28	124.89	Avg RF
2,2-Dichloropropane	0.3662	0.3576	125.00	122.05	2.36	124.77	Avg RF
cis-1,2-Dichloroethene	0.2629	0.2522	125.00	119.89	4.09	119.68	Avg RF
Methyl ethyl ketone	0.0380	0.0356 #	1250.00	1171.84	6.25	123.75	Avg RF
Bromochloromethane	0.1084	0.1043	125.00	120.22	3.83	121.45	Avg RF
Chloroform	0.4852	0.4503	125.00	115.99	7.21	122.83	Avg RF
1,1,1-Trichloroethane	0.4477	0.4500	125.00	125.64	-0.51	127.15	Avg RF
Dibromofluoromethane	0.2421	0.2599	250.00	268.34	-7.34	276.04	Avg RF
Carbon tetrachloride	0.4342	0.4423	125.00	127.33	-1.86	128.71	Avg RF
1,1-Dichloropropene	0.3630	0.3760	125.00	129.47	-3.57	128.77	Avg RF
1,2-Dichloroethane-d4	0.1046	0.1132	250.00	270.56	-8.22	267.50	Avg RF
Benzene	0.9987	0.9909	125.00	124.02	0.78	124.87	Avg RF
1,2-Dichloroethane	0.2758	0.2652	125.00	120.19	3.85	130.22	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.7484	0.7472	125.00	124.79	0.17	125.75	Avg RF
1,2-Dichloropropane	0.6580	0.6571	125.00	124.83	0.14	124.62	Avg RF
Dibromomethane	0.2774	0.2656	125.00	119.68	4.25	120.62	Avg RF
Bromodichloromethane	0.7799	0.7664	125.00	122.83	1.73	124.38	Avg RF
cis-1,3-Dichloropropene	0.8559	0.8210	125.00	119.91	4.07	119.28	Avg RF
Toluene-d8	2.4390	2.7060	250.00	277.37	-10.95	265.92	Avg RF
Toluene	1.6257	1.6556	125.00	127.30	-1.84	124.58	Avg RF
trans-1,3-Dichloropropene	0.6243	0.6282	125.00	125.79	-0.63	123.90	Avg RF
1,1,2-Trichloroethane	0.3174	0.3190	125.00	125.60	-0.48	122.57	Avg RF
Tetrachloroethene	0.6592	0.6661	125.00	126.29	-1.03	123.72	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6424	0.6397	125.00	124.48	0.42	127.97	Avg RF
Chlorodibromomethane	0.5112	0.4935	125.00	120.67	3.46	120.36	Avg RF
1,2-Dibromoethane	0.3506	0.3415	125.00	121.74	2.61	118.41	Avg RF
Chlorobenzene	1.7822	1.7568	125.00	123.22	1.43	123.15	Avg RF
1,1,1,2-Tetrachloroethane	0.6253	0.6064	125.00	121.22	3.03	121.17	Avg RF
Ethylbenzene	0.9989	3.0289	125.00	122.01	2.39	121.62	Quadratic
m+p-Xylenes	0.9987	1.2220	250.00	246.98	1.21	122.17	Quadratic
o-Xylene	0.9987	1.0343	125.00	119.68	4.25	117.13	Quadratic
Styrene	0.9983	1.7561	125.00	122.73	1.82	121.68	Quadratic
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3350	0.3226	125.00	120.39	3.69	119.39	Avg RF
p-Bromofluorobenzene	0.9231	0.9887	250.00	267.77	-7.11	256.85	Avg RF
Bromobenzene	0.8140	0.7991	125.00	122.70	1.84	118.15	Avg RF
1,1,2,2-Tetrachloroethane	0.4643	0.4797	125.00	129.15	-3.32	127.66	Avg RF
1,2,3-Trichloropropane	0.1220	0.1173	125.00	120.19	3.85	119.55	Avg RF
2-Chlorotoluene	0.8056	0.8018	125.00	124.41	0.47	117.11	Avg RF
4-Chlorotoluene	2.6094	2.7097	125.00	129.80	-3.84	120.15	Avg RF
1,3-Dichlorobenzene	1.4748	1.4483	125.00	122.75	1.80	120.47	Avg RF
1,4-Dichlorobenzene	1.5036	1.4942	125.00	124.22	0.63	120.98	Avg RF
1,2-Dichlorobenzene	1.2313	1.2182	125.00	123.67	1.06	119.65	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Quantitation Results Report (QT Reviewed)

Data File	28FEB04.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 11:26:19 AM
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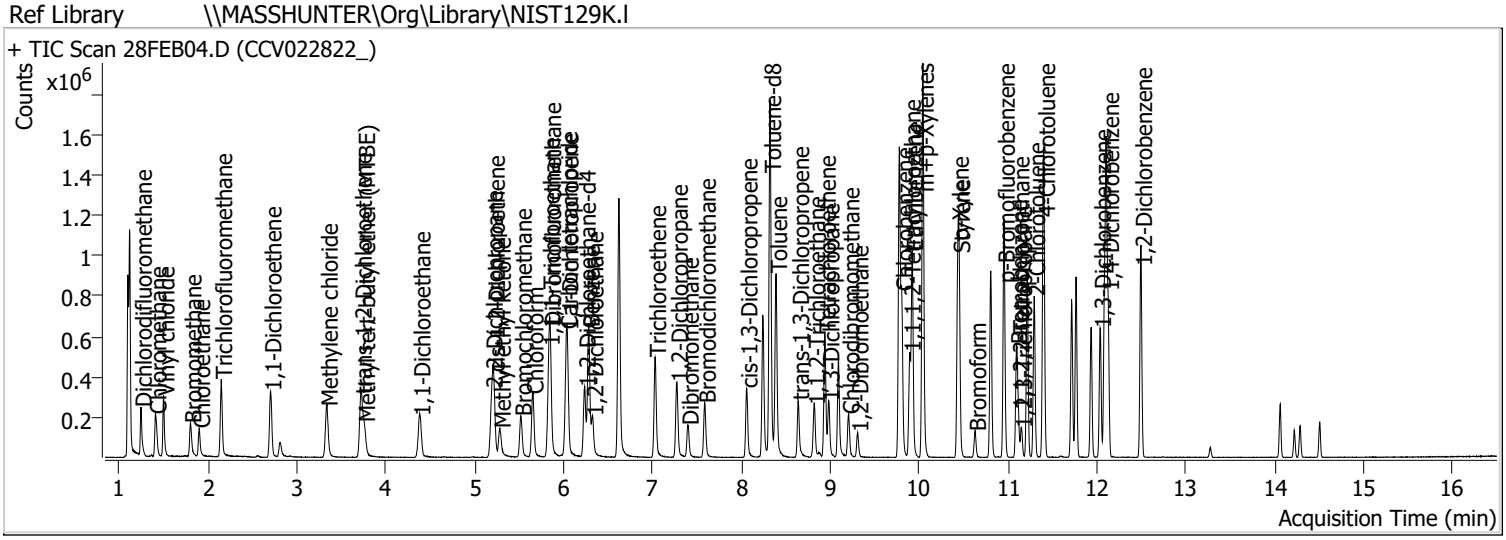
Vial	4	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

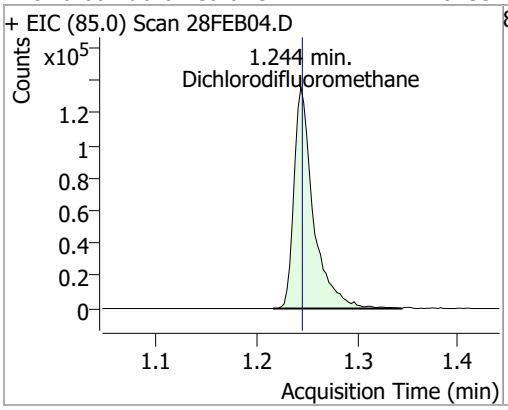


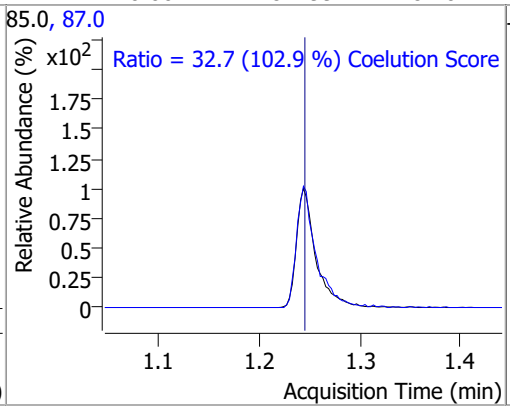
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	1096130	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	416882	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	342961	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	286584	269.9314	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.97%		
S 1,2-Dichloroethane-d4	6.236	67.0	127195	277.3411	ng	0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 110.94%		
S Toluene-d8	8.321	98.0	1123982	276.3606	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 110.54%		
S p-Bromofluorobenzene	10.951	95.0	335051	264.5923	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.84%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	1.244	85.0	182799	124.0253	ng	98
T Chloromethane	1.408	50.0	224595	129.4315	ng	98
T Vinyl chloride	1.498	62.0	198346	125.5767	ng	99
T Bromomethane	1.802	96.0	92575	134.5080	ng	92
T Chloroethane	1.899	64.0	99146	132.6764	ng	100
T Trichlorofluoromethane	2.147	101.0	258258	136.3547	ng	100
T 1,1-Dichloroethene	2.702	96.0	121590	110.3294	ng	97
T Methylene chloride	3.335	49.0	196156	122.4208	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	137694	120.9445	ng	98
T Methyl tert-butyl ether (MTBE)	3.754	73.0	175222	123.1383	ng	100
T 1,1-Dichloroethane	4.375	63.0	260990	122.4892	ng	99
T 2,2-Dichloropropane	5.190	77.0	199596	124.3020	ng	98
T cis-1,2-Dichloroethene	5.212	96.0	139657	121.1528	ng	96
T Methyl ethyl ketone	5.282	43.0	193235	1159.9527	ng	100
T Bromochloromethane	5.516	128.0	56916	119.7517	ng	93
T Chloroform	5.650	83.0	250317	117.6596	ng	99

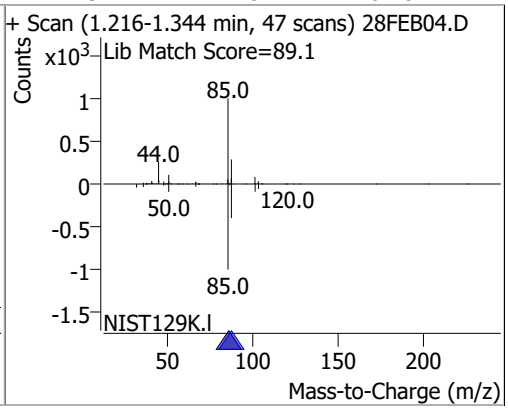
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	244558	124.5885	ng	99
T Carbon tetrachloride	6.029	117.0	234296	123.0691	ng	99
T 1,1-Dichloropropene	6.040	75.0	192279	120.7971	ng	99
T Benzene	6.283	78.0	553365	126.3721	ng	100
T 1,2-Dichloroethane	6.322	62.0	146685	121.2819	ng	97
T Trichloroethene	7.027	95.0	158690	127.1512	ng	96
T 1,2-Dichloropropane	7.273	63.0	142022	129.4287	ng	96
T Dibromomethane	7.396	93.0	58233	125.9049	ng	98
T Bromodichloromethane	7.585	83.0	163105	125.4094	ng	97
T cis-1,3-Dichloropropene	8.056	75.0	178410	125.0099	ng	98
T Toluene	8.388	92.0	346080	127.6596	ng	98
T trans-1,3-Dichloropropene	8.637	75.0	131254	126.0831	ng	96
T 1,1,2-Trichloroethane	8.815	83.0	66149	124.9654	ng	94
T Tetrachloroethene	8.938	163.8	134625	122.4634	ng	99
T 1,3-Dichloropropane	8.980	76.0	135773	126.7496	ng	97
T Chlorodibromomethane	9.203	129.0	106884	125.3760	ng	99
T 1,2-Dibromoethane	9.306	107.0	72880	124.6596	ng	95
T Chlorobenzene	9.802	112.0	369281	124.2592	ng	99
T 1,1,1,2-Tetrachloroethane	9.891	131.0	128033	122.7872	ng	100
T Ethylbenzene	9.919	91.0	641192	123.8423	ng	98
T m+p-Xylenes	10.039	106.0	501131	243.0903	ng	97
T o-Xylene	10.432	106.0	221652	122.9068	ng	100
T Styrene	10.449	104.0	365353	122.5036	ng	98
T Bromoform	10.628	172.5	56285	122.4751	ng	98
T Bromobenzene	11.093	156.0	141789	126.9717	ng	99
T 1,1,2,2-Tetrachloroethane	11.116	83.0	79764	125.2274	ng	99
T 1,2,3-Trichloropropane	11.144	110.0	21300	127.2784	ng	99
T 2-Chlorotoluene	11.291	126.0	135380	122.4923	ng	91
T 4-Chlorotoluene	11.403	91.0	466638	130.3573	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	246832	121.9983	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	249211	120.8203	ng	98
T 1,2-Dichlorobenzene	12.496	146.0	201317	119.1812	ng	96

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

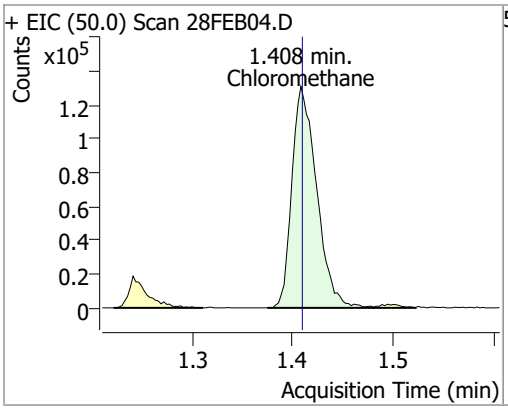
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	124.0253	1.24	0.00	182799	87.0	32.7	1.8	61.8

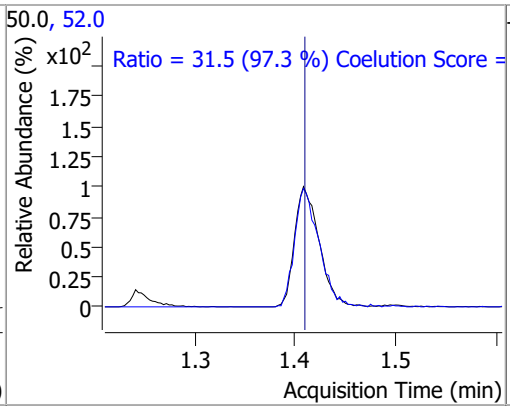


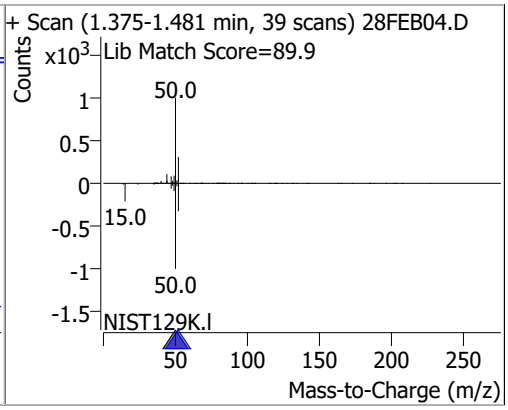




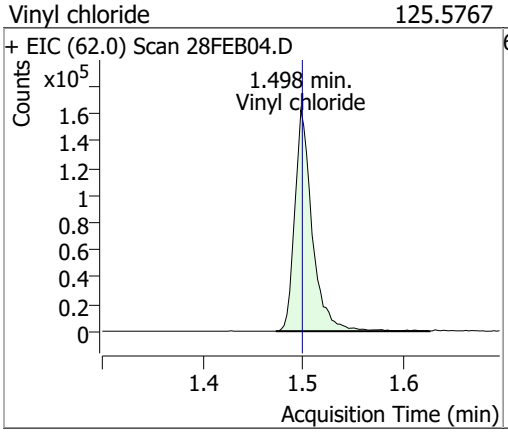
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	129.4315	1.41	0.00	224595	52.0	31.5	2.4	62.4

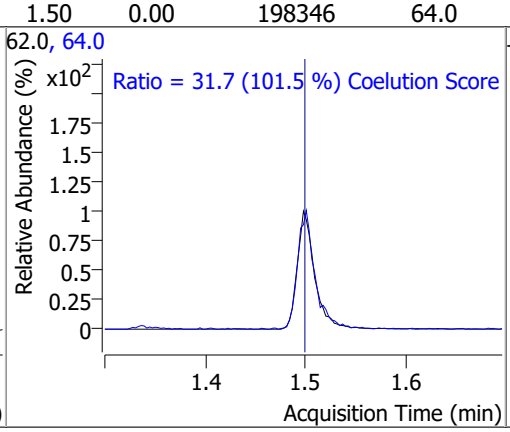


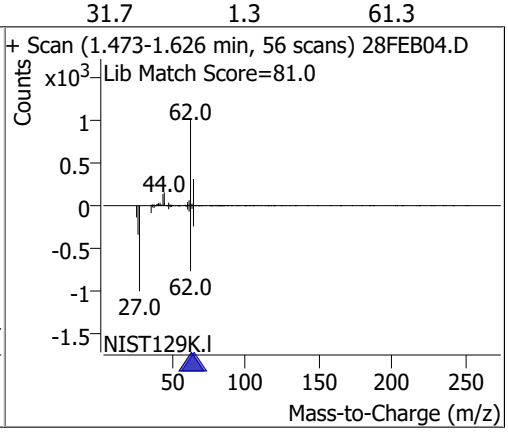




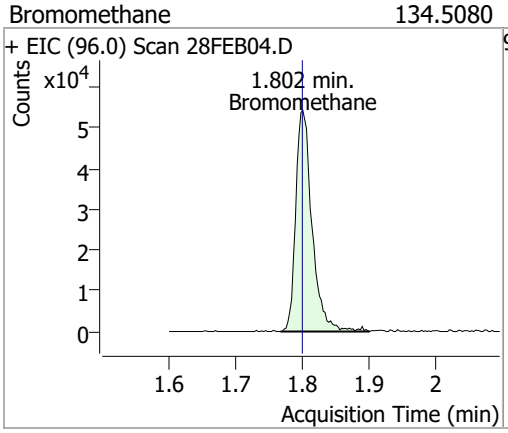
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	125.5767	1.50	0.00	198346	64.0	31.7	1.3	61.3

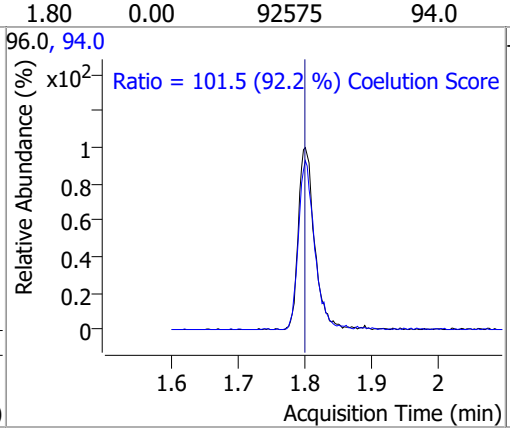


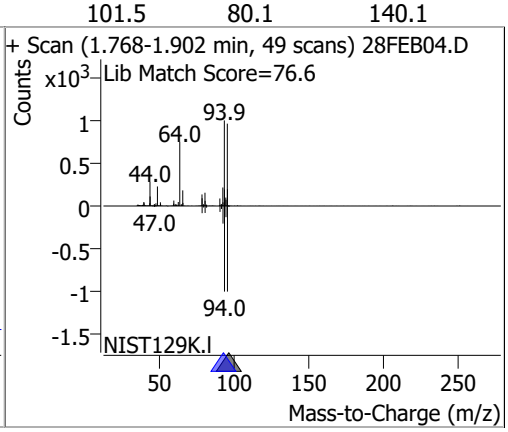




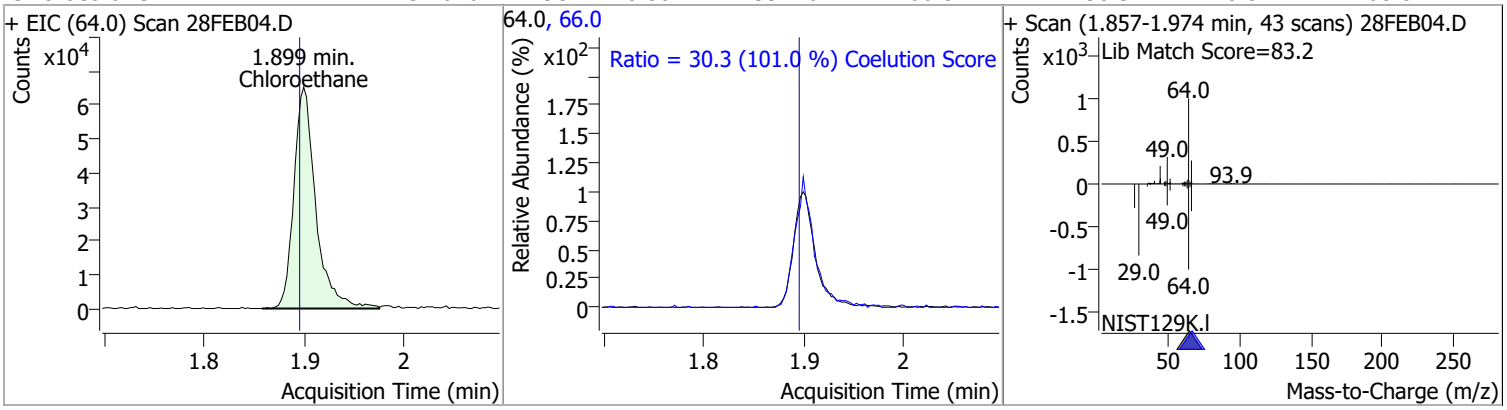
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	134.5080	1.80	0.00	92575	94.0	101.5	80.1	140.1



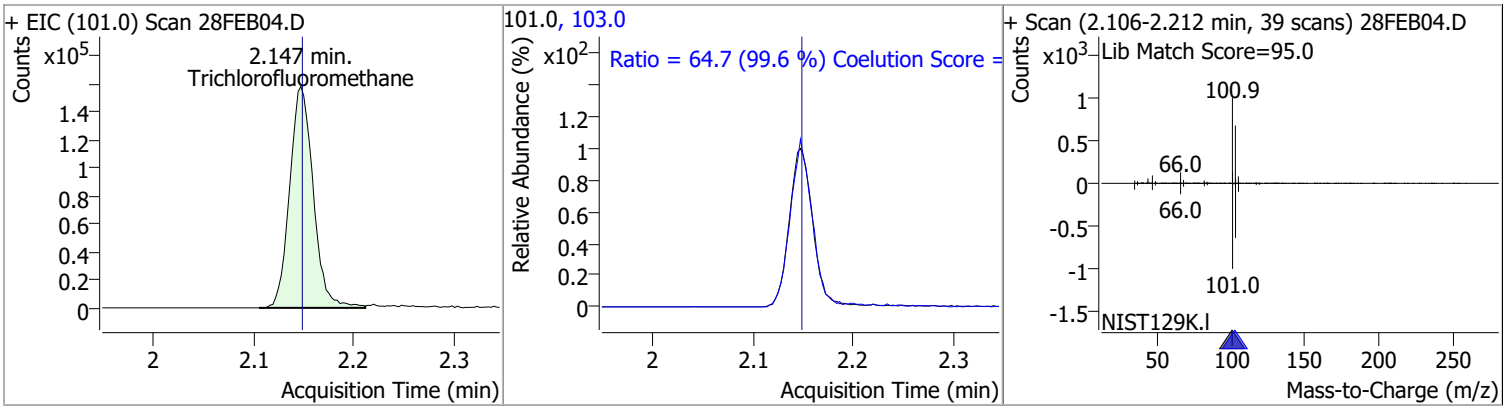




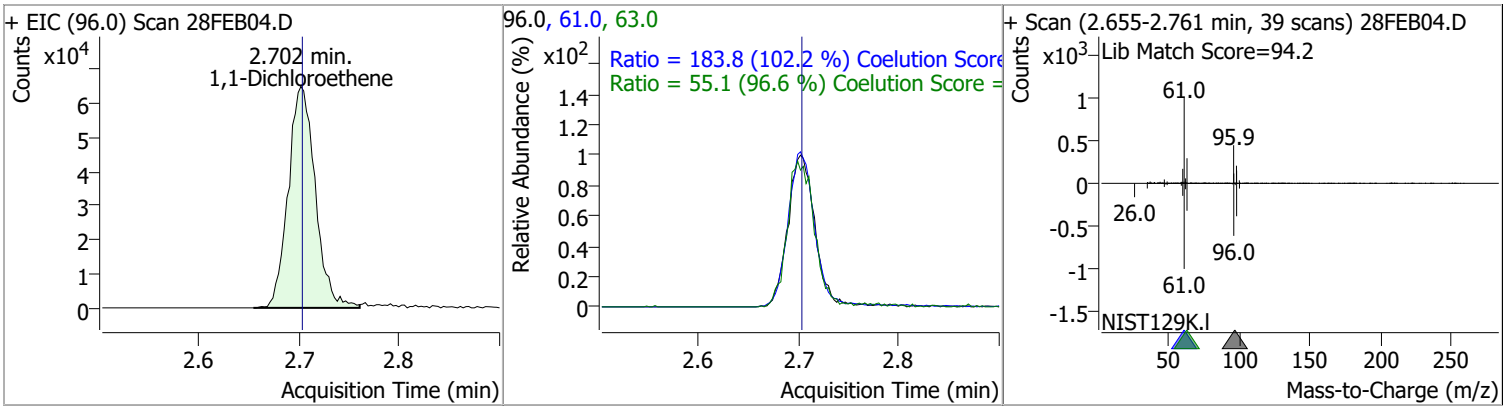
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	132.6764	1.90	0.00	99146	66.0	30.3	0.0	60.0



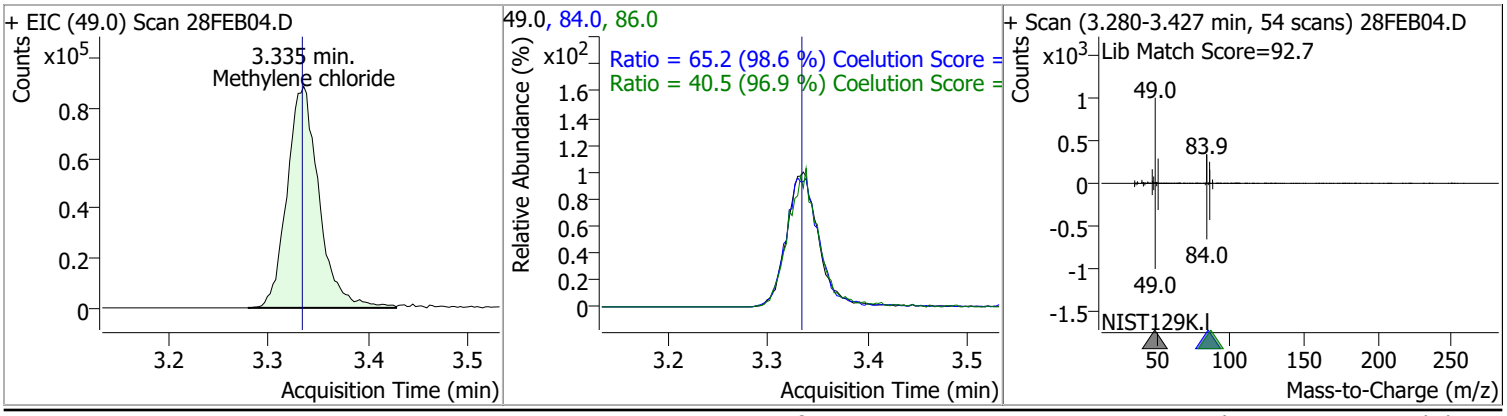
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	136.3547	2.15	0.00	258258	103.0	64.7	35.0	95.0



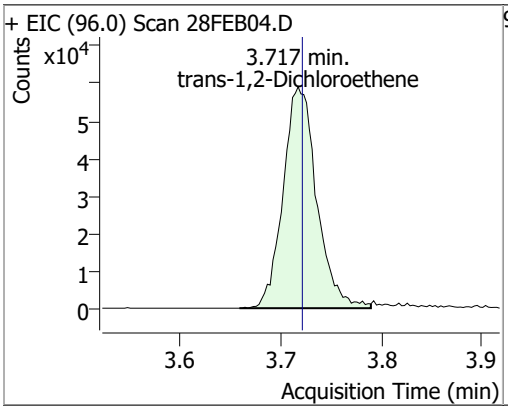
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	110.3294	2.70	0.00	121590	61.0	183.8	149.9	209.9
					63.0	55.1	27.0	87.0

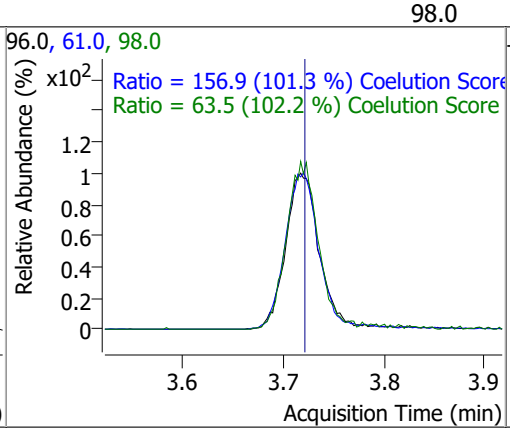


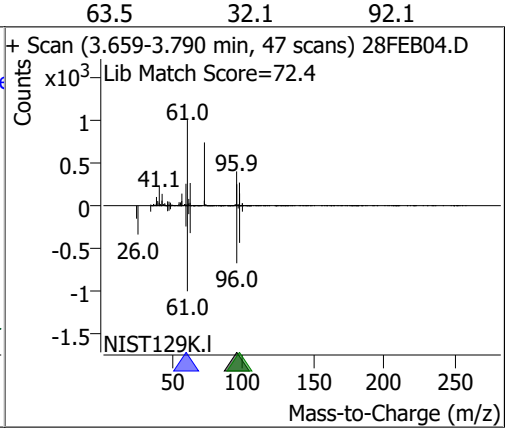
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	122.4208	3.34	0.00	196156	84.0	65.2	36.1	96.1
					86.0	40.5	11.8	71.8



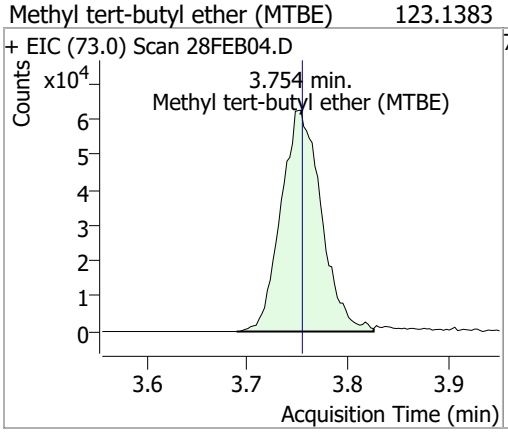
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	120.9445	3.72	0.00	137694	61.0	156.9	124.8	184.8
					98.0	63.5	32.1	92.1

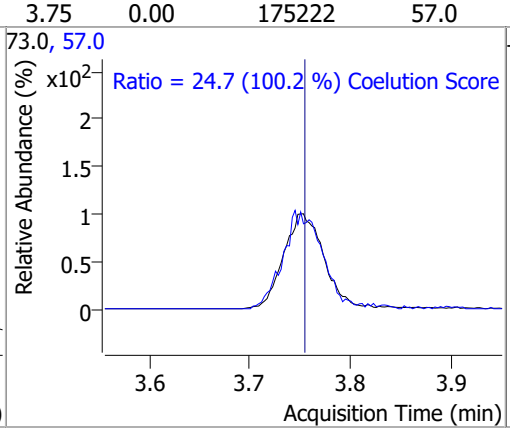


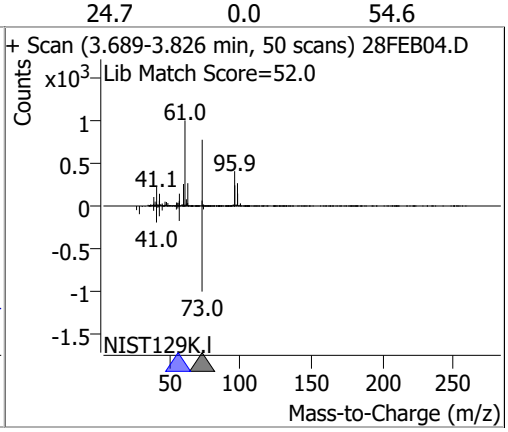




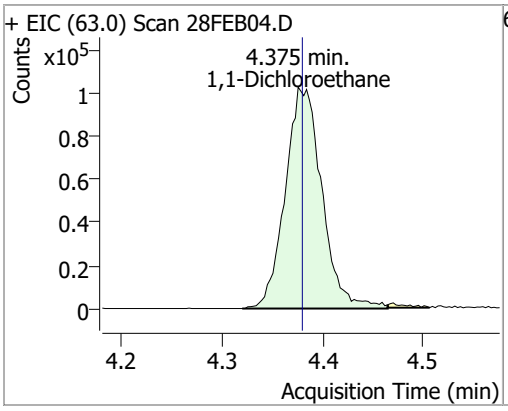
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	123.1383	3.75	0.00	175222	57.0	24.7	0.0	54.6

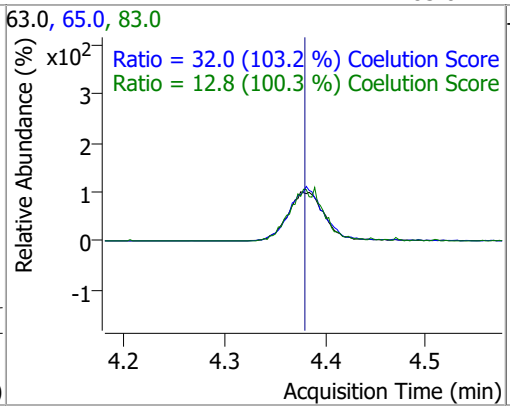


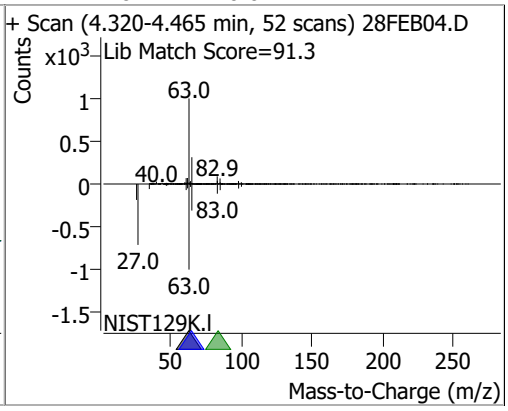




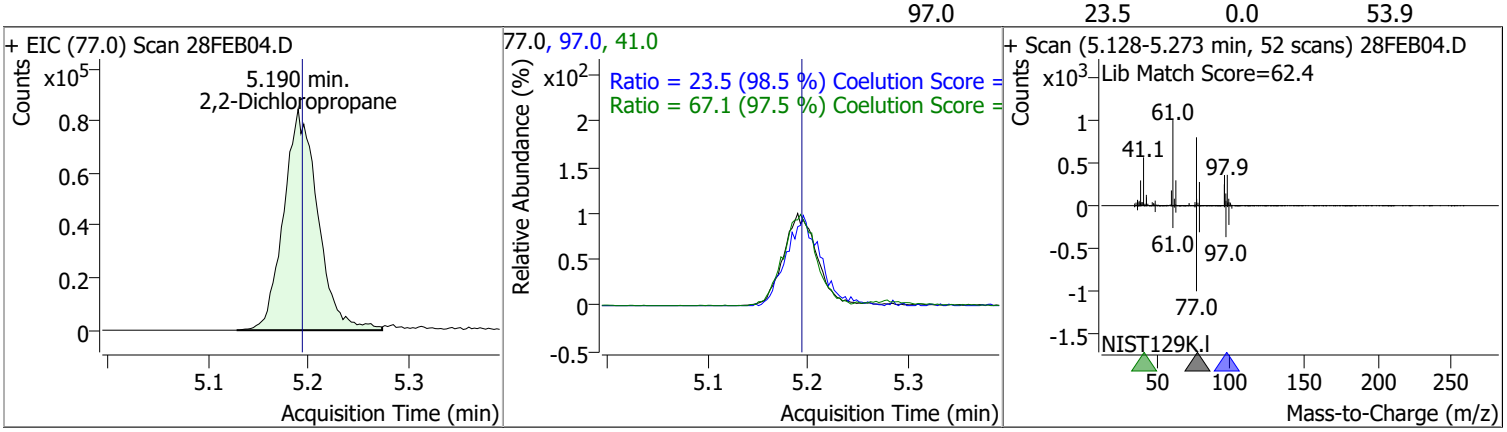
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	122.4892	4.38	0.00	260990	65.0	32.0	1.0	61.0
					83.0	12.8	0.0	42.7



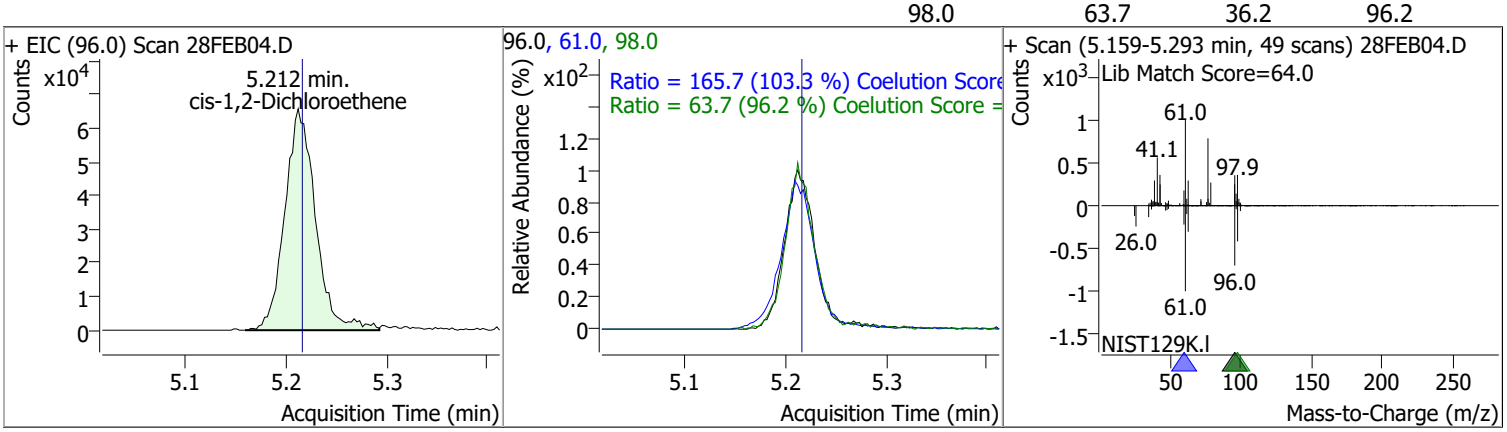




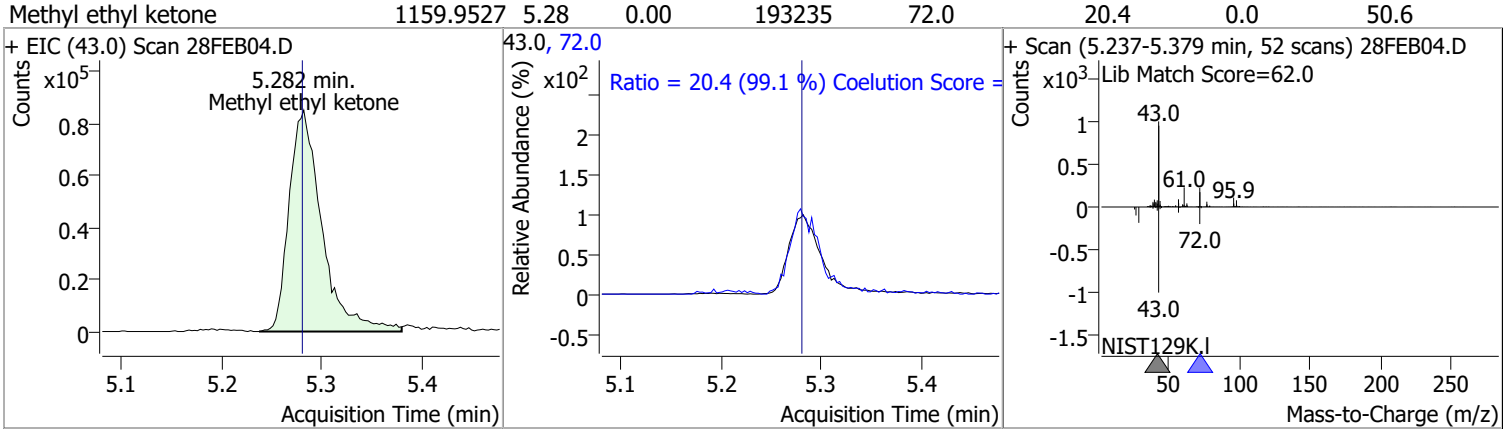
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	124.3020	5.19	0.00	199596	41.0	67.1	38.8	98.8
					97.0	23.5	0.0	53.9



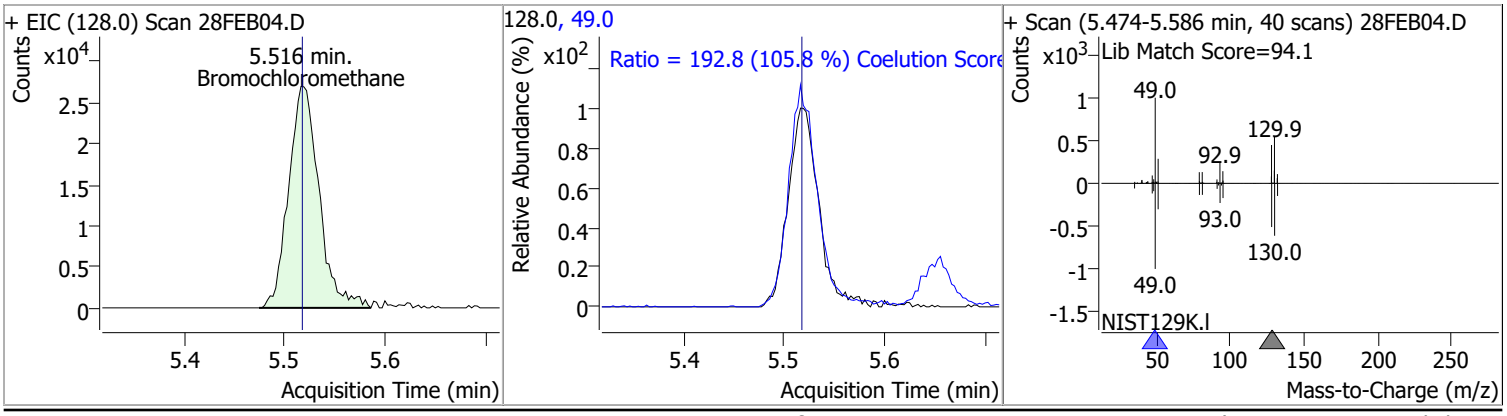
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	121.1528	5.21	0.00	139657	61.0	165.7	130.4	190.4
					98.0	63.7	36.2	96.2



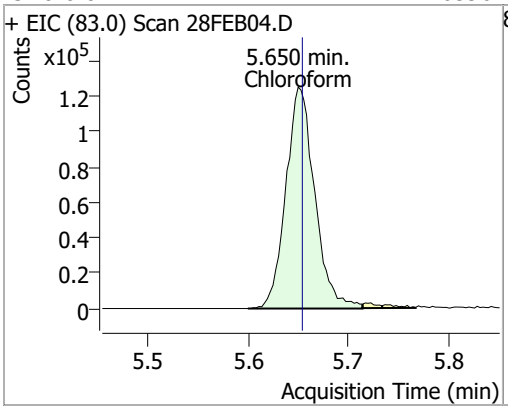
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1159.9527	5.28	0.00	193235	72.0	20.4	0.0	50.6

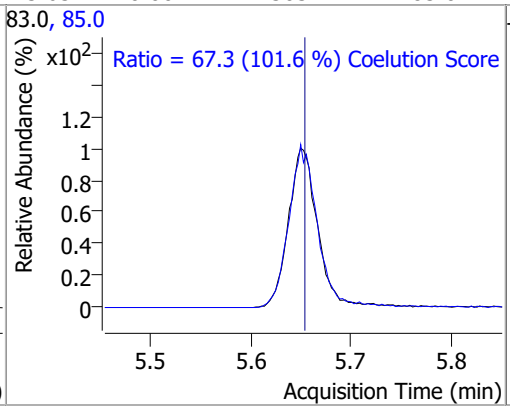


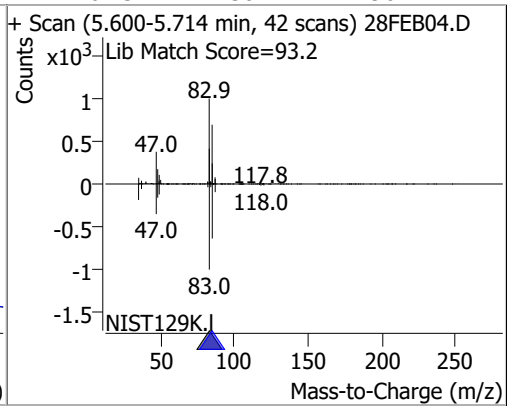
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	119.7517	5.52	0.00	56916	49.0	192.8	152.2	212.2



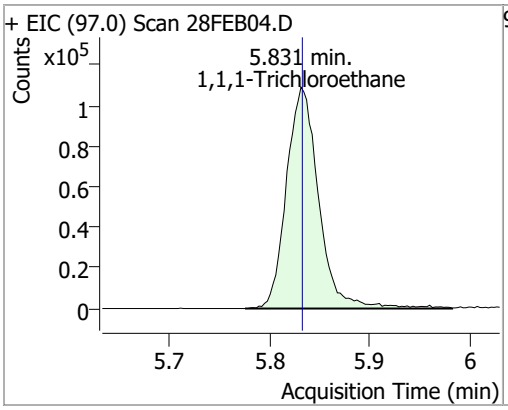
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	117.6596	5.65	0.00	250317	85.0	67.3	36.2	96.2

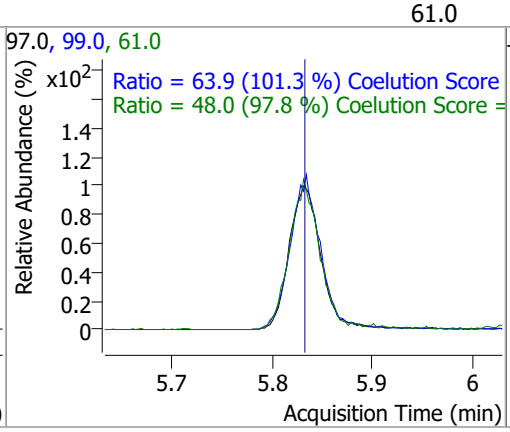


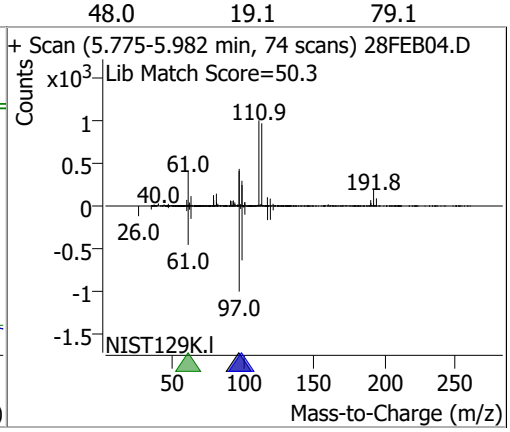




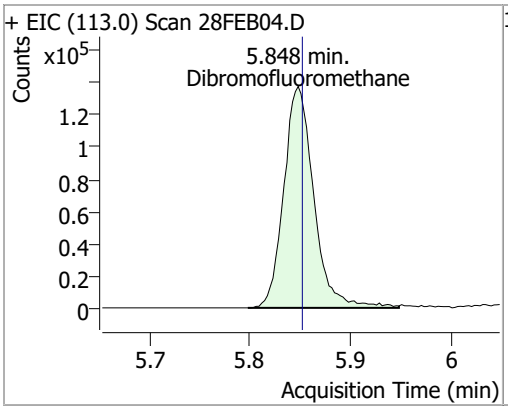
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	124.5885	5.83	0.00	244558	99.0	63.9	33.1	93.1
					61.0	48.0	19.1	79.1

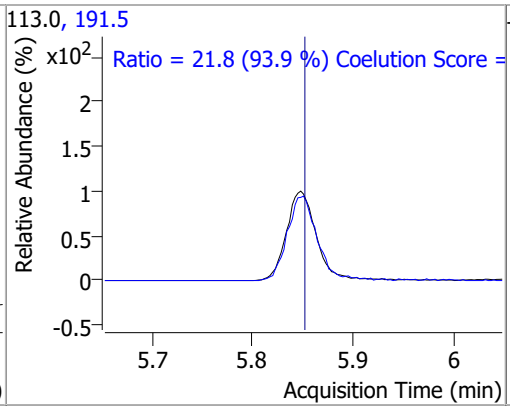


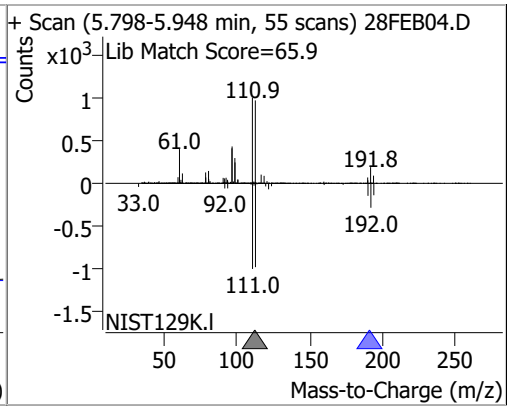




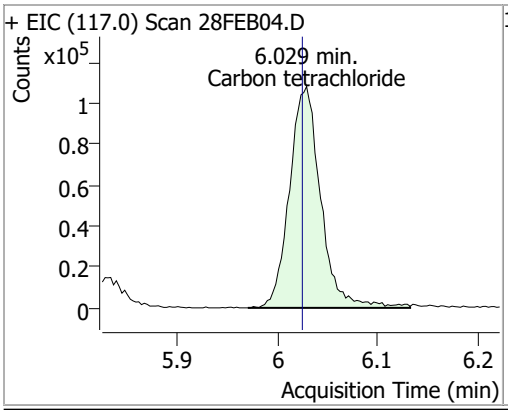
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	269.9314	5.85	0.00	286584	191.5	21.8	0.0	53.2

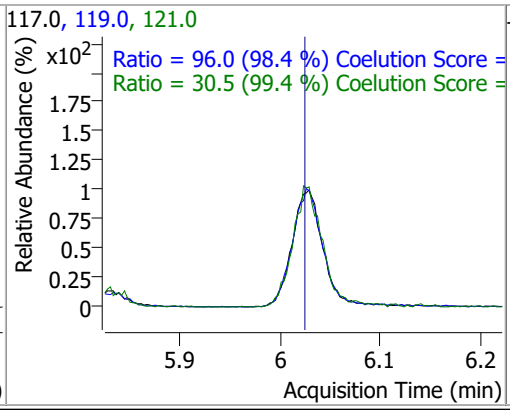


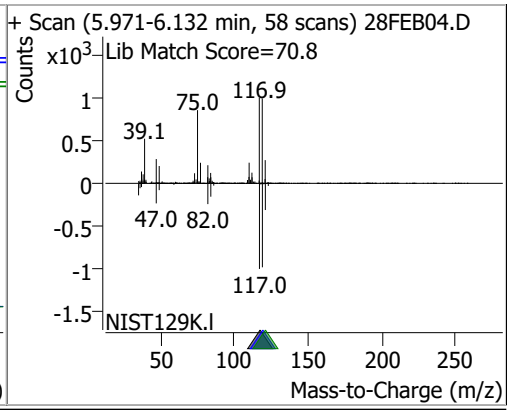




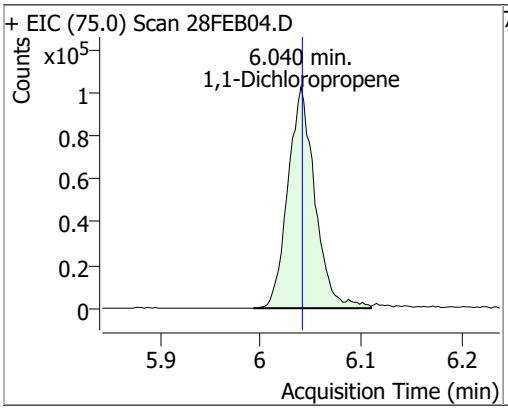
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	123.0691	6.03	0.01	234296	119.0	96.0	67.6	127.6
					121.0	30.5	0.7	60.7

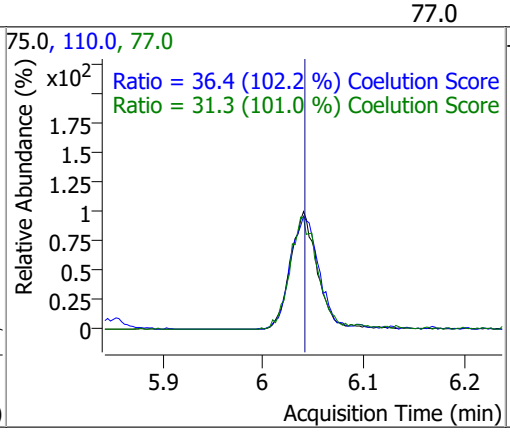


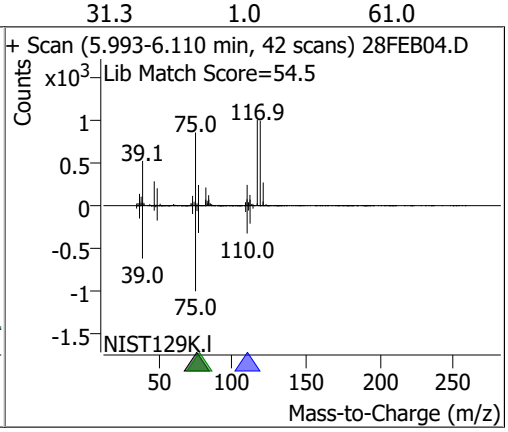




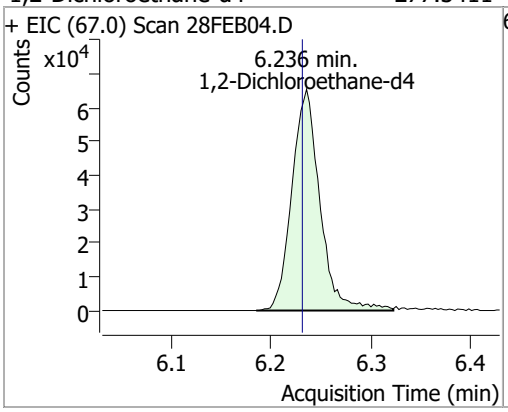
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	120.7971	6.04	0.00	192279	110.0	36.4	5.6	65.6
					77.0	31.3	1.0	61.0

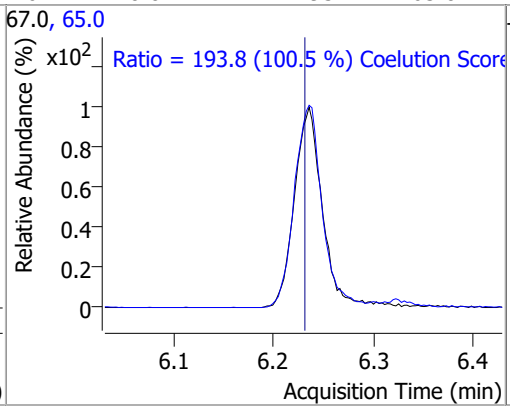


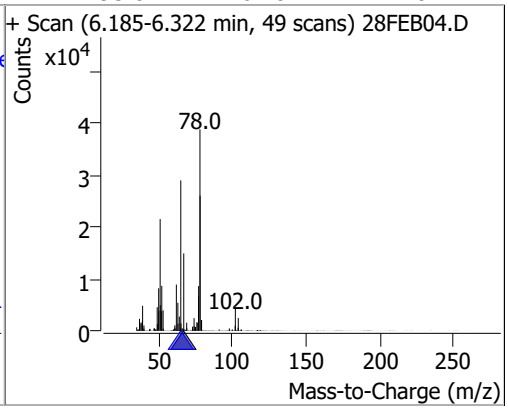




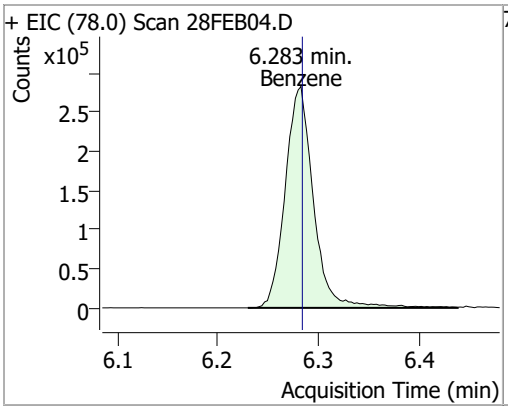
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	277.3411	6.24	0.01	127195	65.0	193.8	162.8	222.8

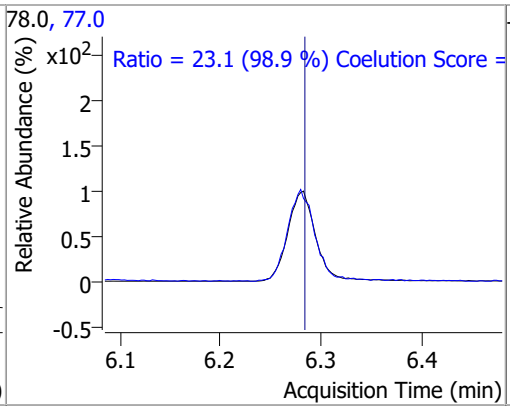


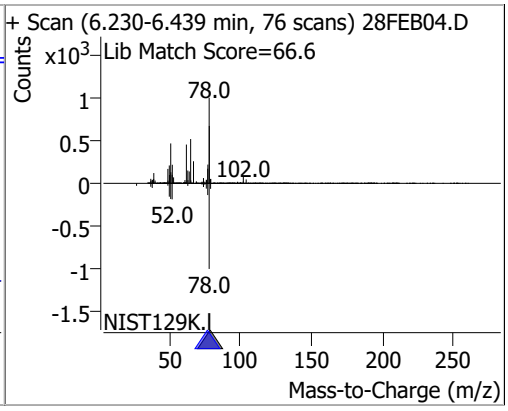




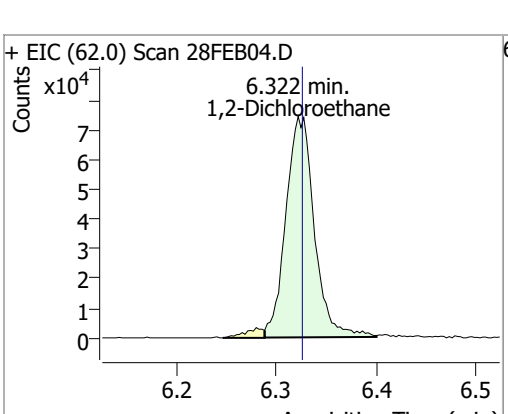
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	126.3721	6.28	0.00	553365	77.0	23.1	0.0	53.3

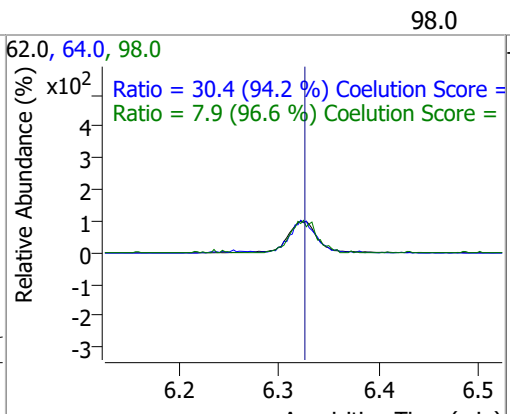


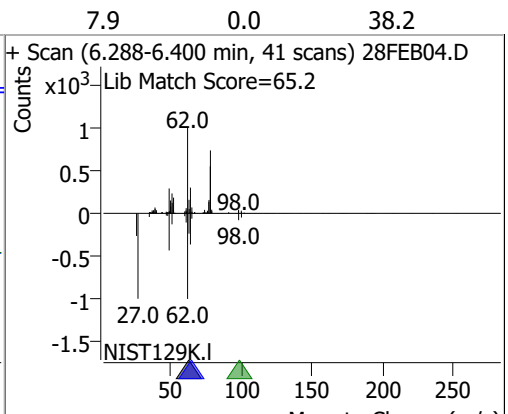




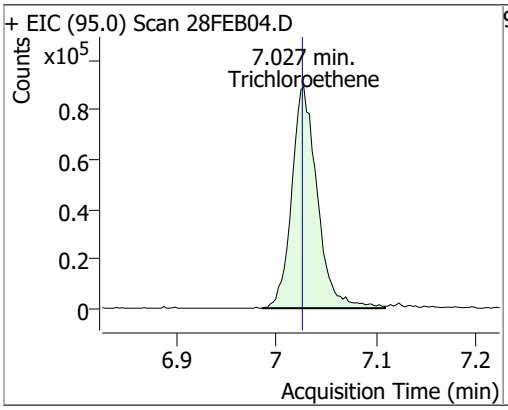
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	121.2819	6.32	0.00	146685	64.0	30.4	2.2	62.2
					98.0	7.9	0.0	38.2

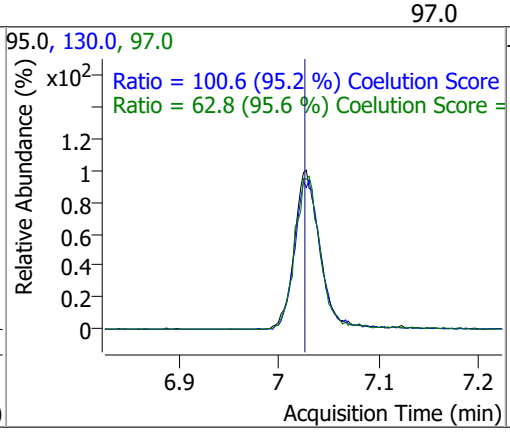


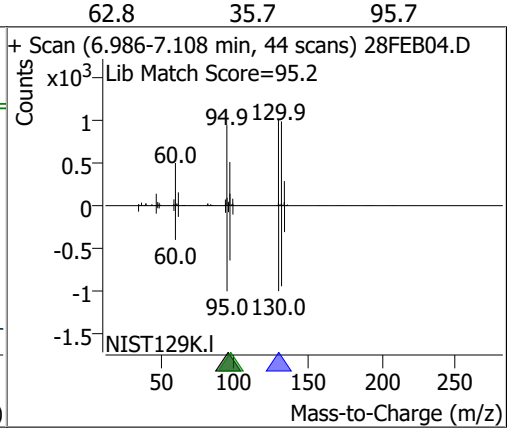




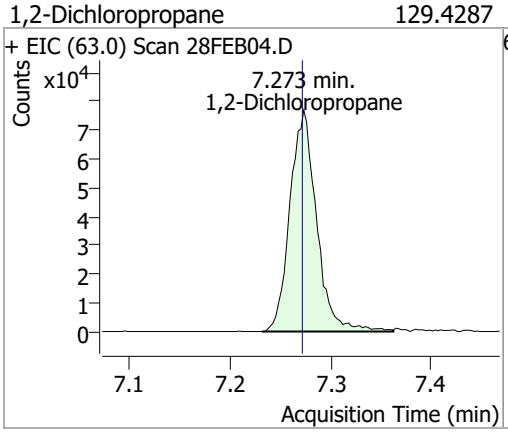
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	127.1512	7.03	0.00	158690	130.0	100.6	75.6	135.6
					97.0	62.8	35.7	95.7

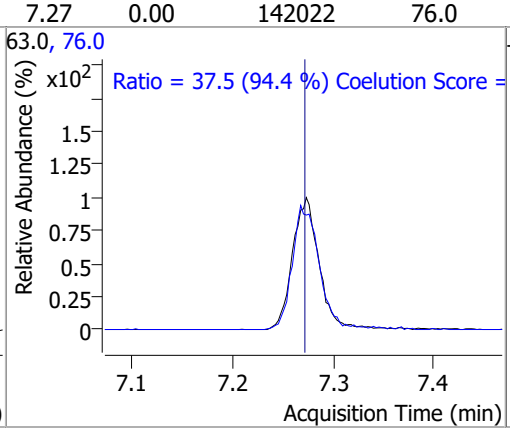


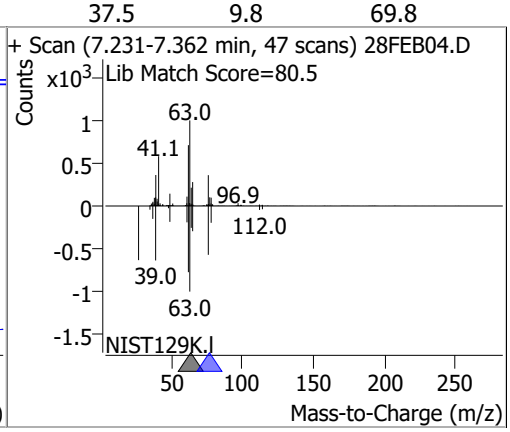




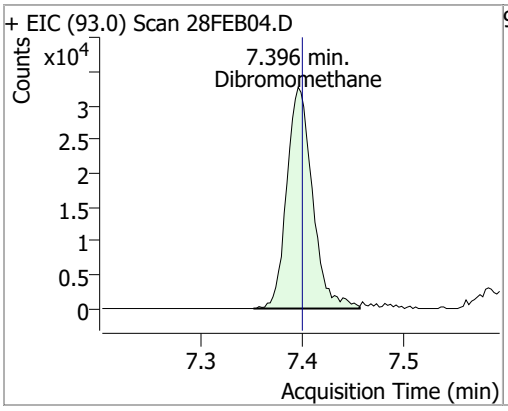
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	129.4287	7.27	0.00	142022	76.0	37.5	9.8	69.8

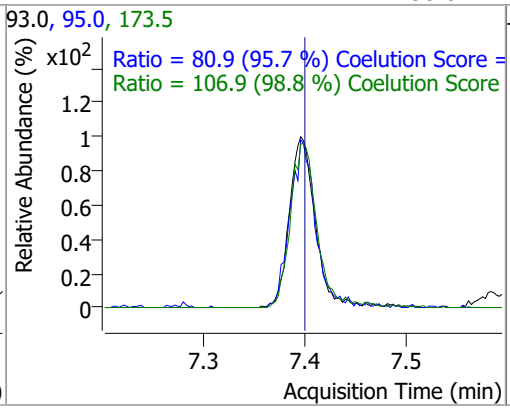


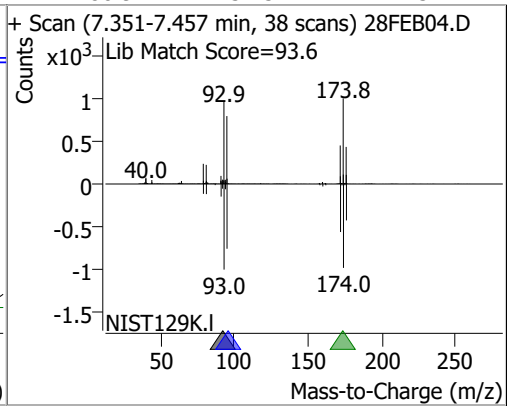




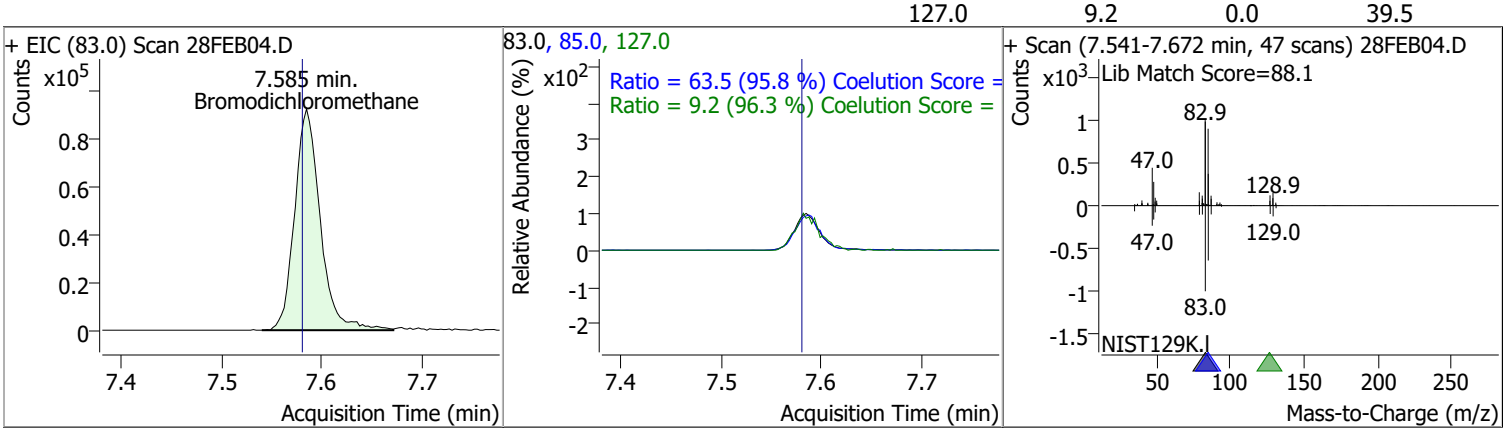
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	125.9049	7.40	0.00	58233	173.5	106.9	78.2	138.2
					95.0	80.9	54.5	114.5



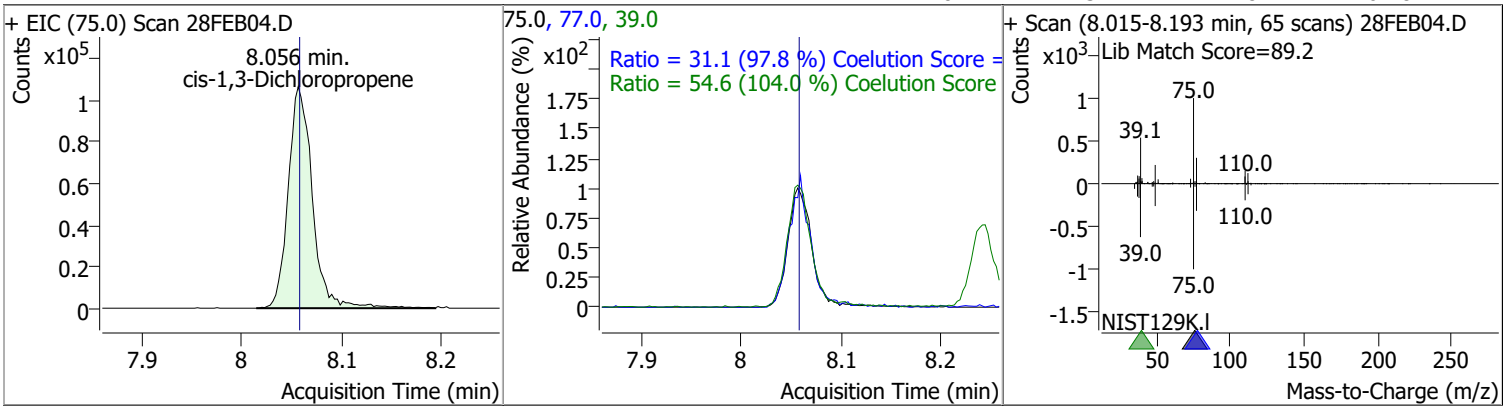




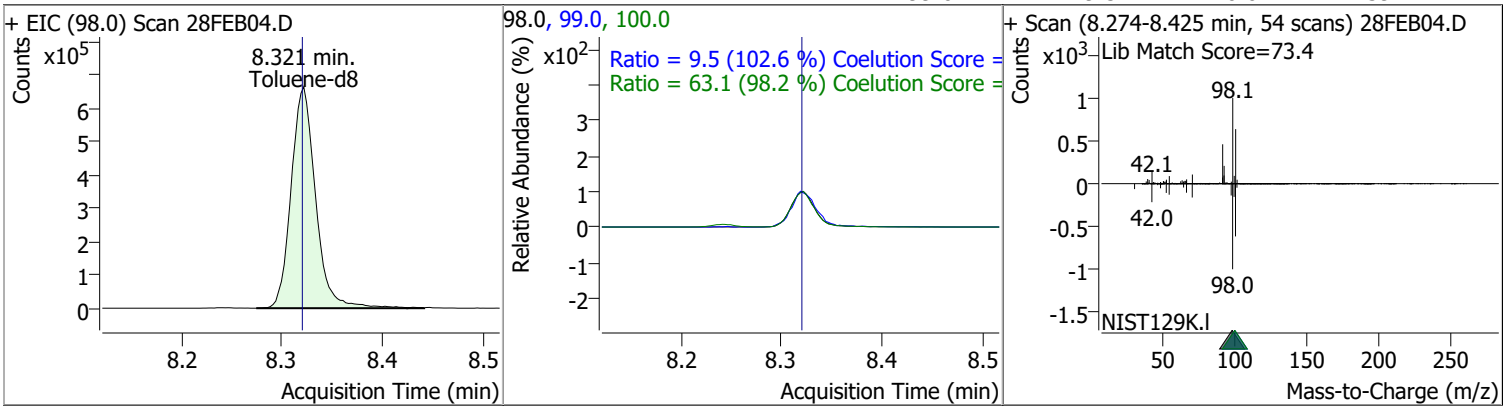
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	125.4094	7.59	0.01	163105	85.0	63.5	36.3	96.3
					127.0	9.2	0.0	39.5



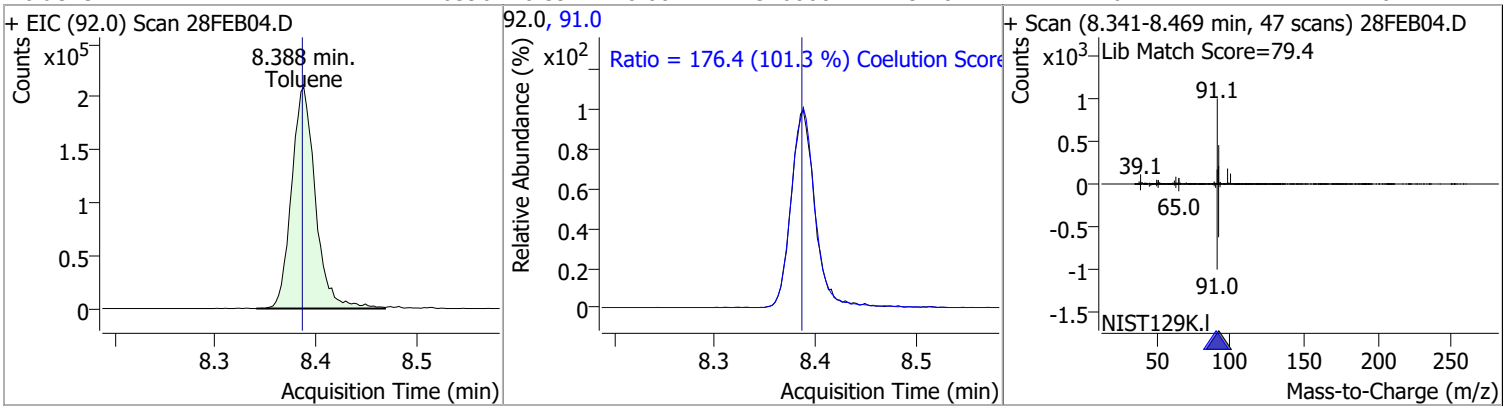
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	125.0099	8.06	0.00	178410	39.0	54.6	22.5	82.5
					77.0	31.1	1.8	61.8



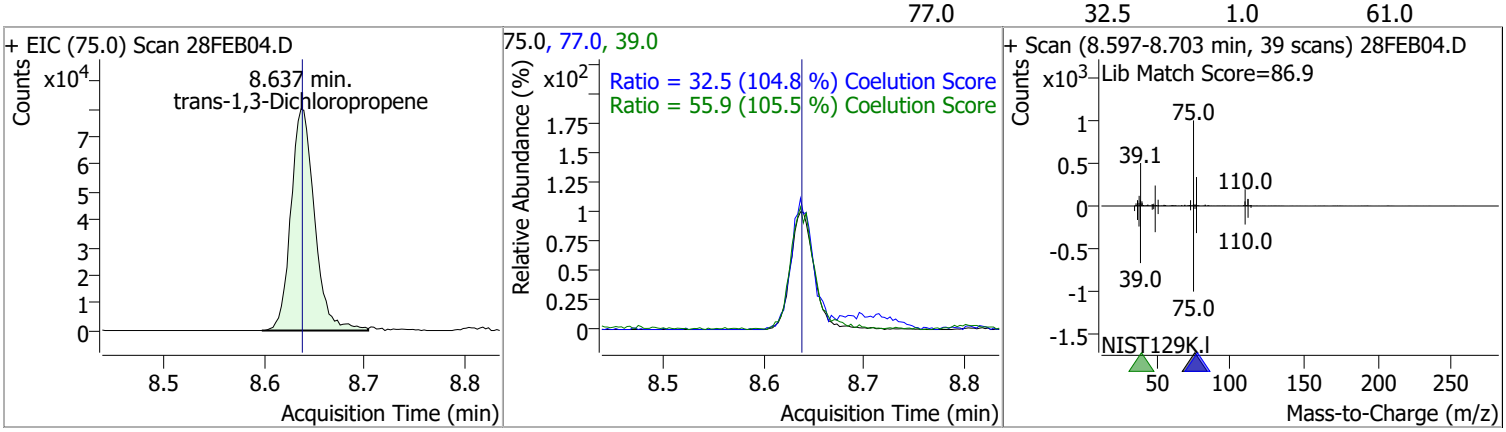
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	276.3606	8.32	0.00	1123982	100.0	63.1	34.3	94.3
					99.0	9.5	0.0	39.2



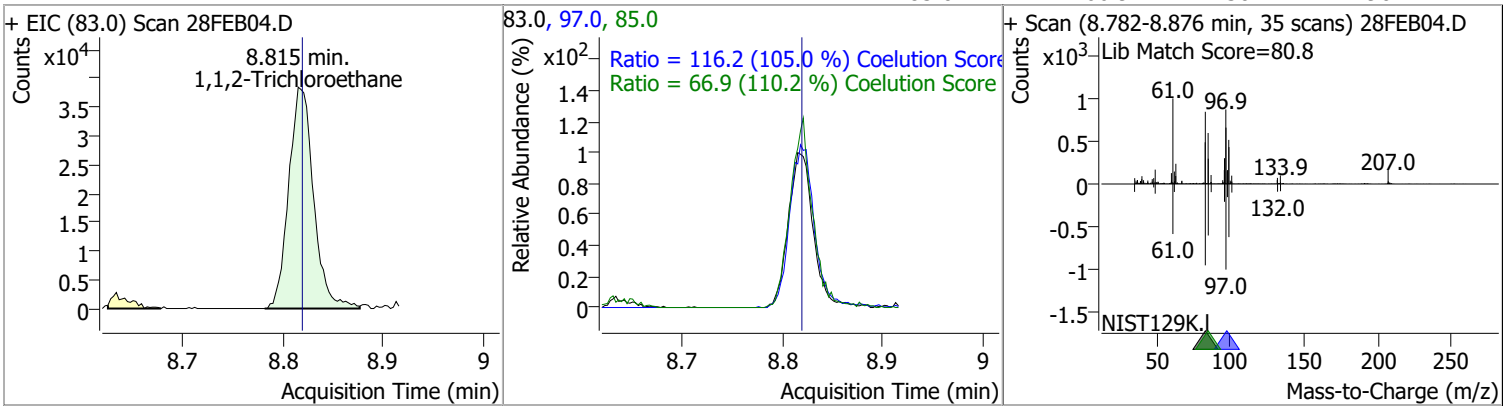
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	127.6596	8.39	0.00	346080	91.0	176.4	144.1	204.1



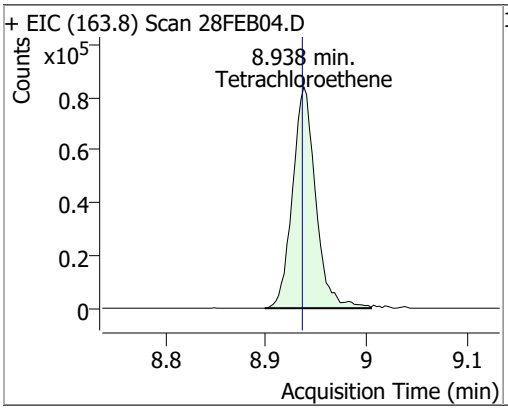
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	126.0831	8.64	0.00	131254	39.0	55.9	23.0	83.0
					77.0	32.5	1.0	61.0

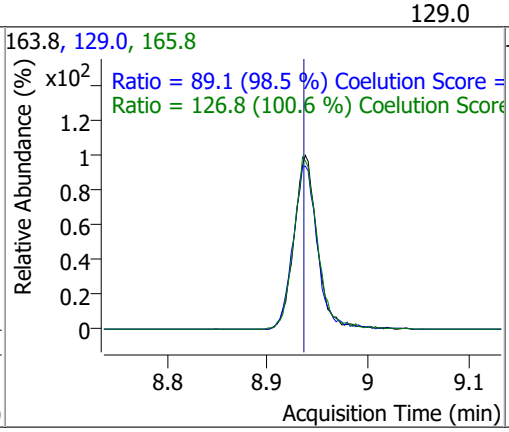


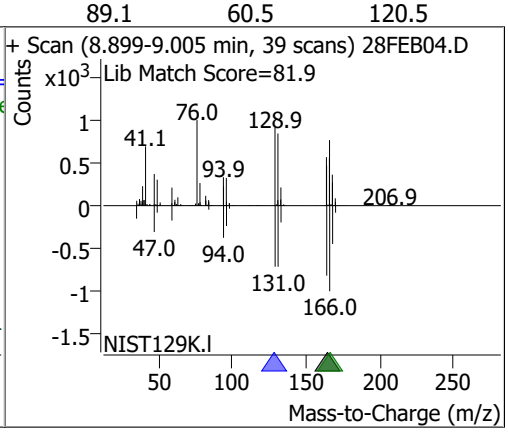
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	124.9654	8.82	0.00	66149	97.0	116.2	80.7	140.7
					85.0	66.9	30.7	90.7



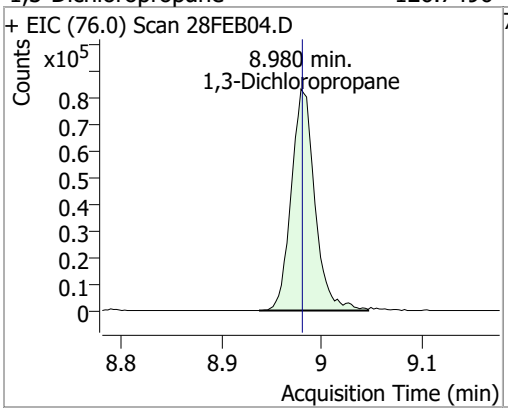
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	122.4634	8.94	0.00	134625	165.8	126.8	96.1	156.1
					129.0	89.1	60.5	120.5

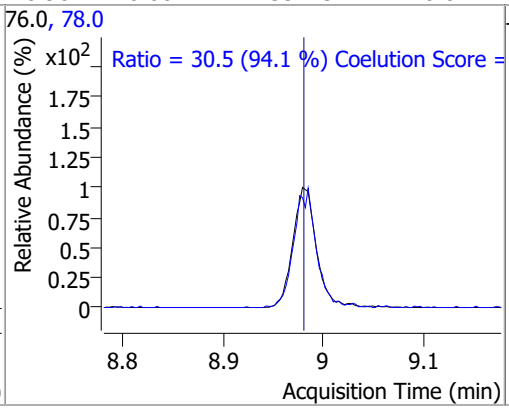


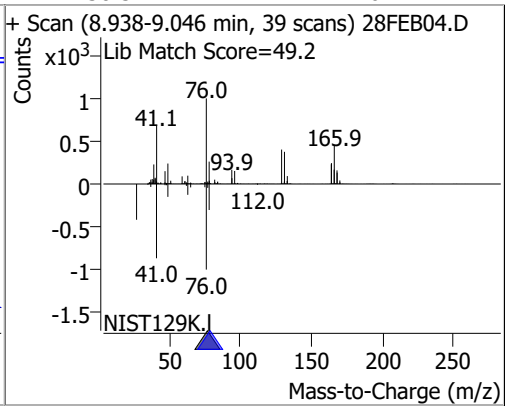




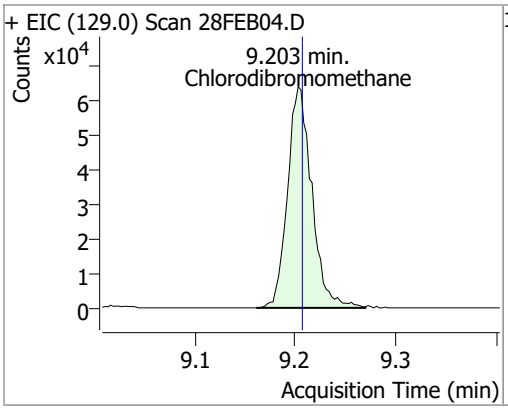
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	126.7496	8.98	0.00	135773	78.0	30.5	2.4	62.4

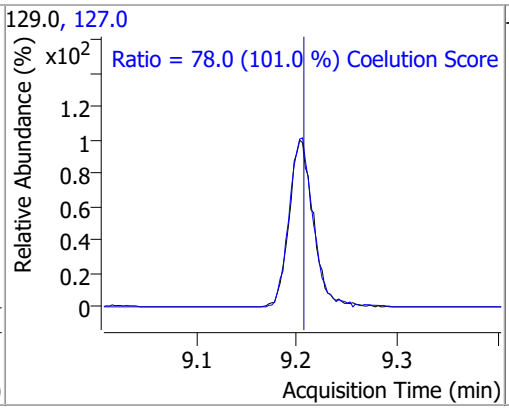


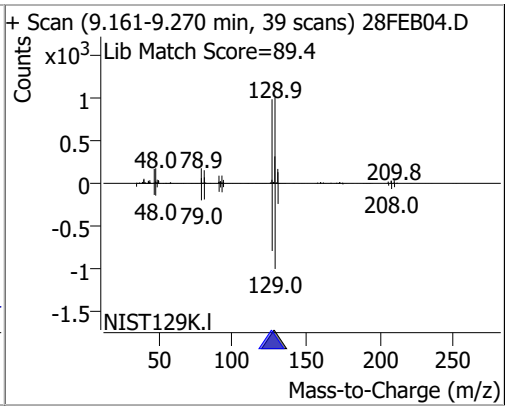




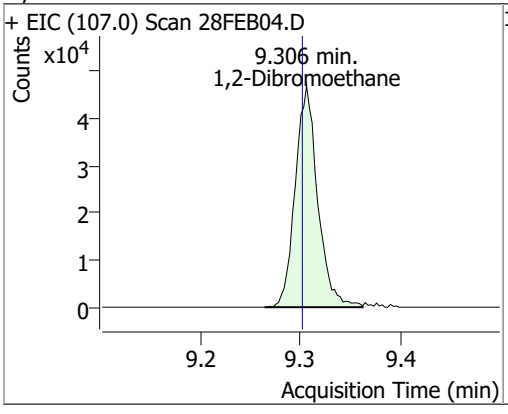
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	125.3760	9.20	0.00	106884	127.0	78.0	47.2	107.2

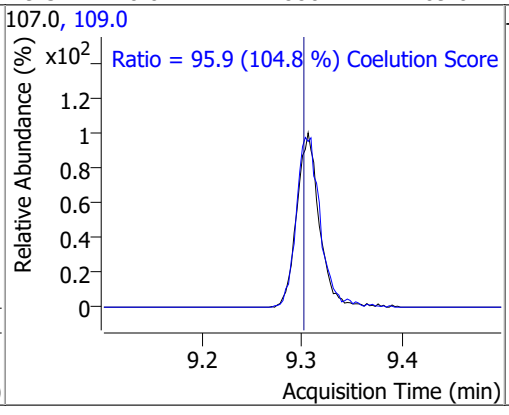


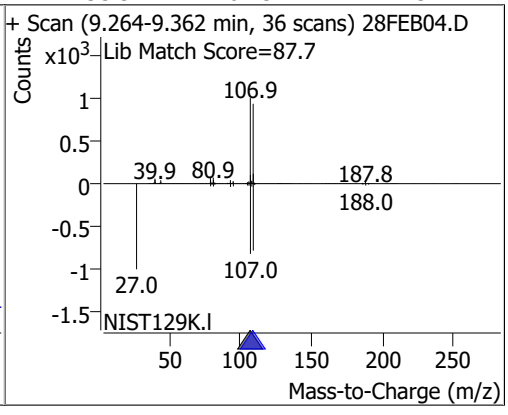




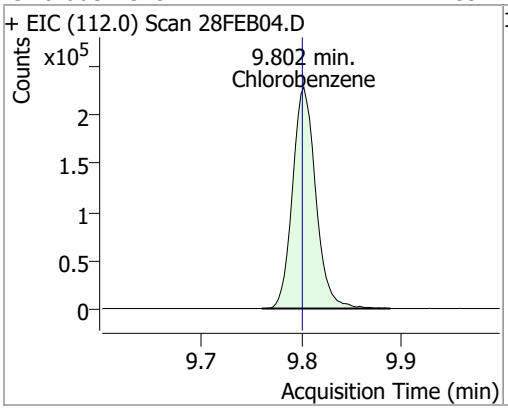
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	124.6596	9.31	0.01	72880	109.0	95.9	61.5	121.5

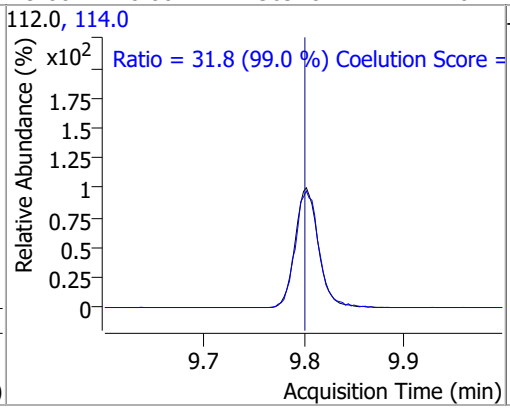


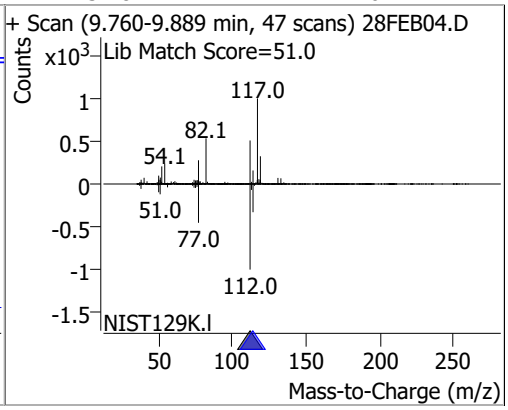




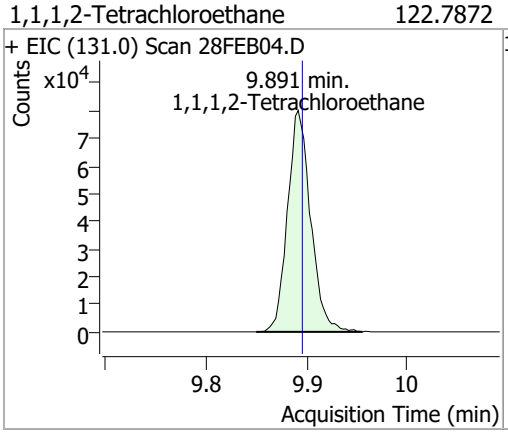
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	124.2592	9.80	0.00	369281	114.0	31.8	2.2	62.2

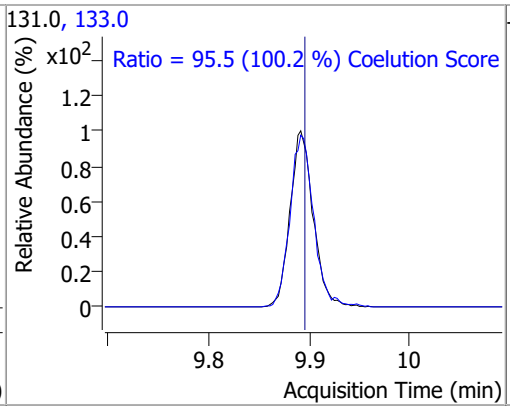


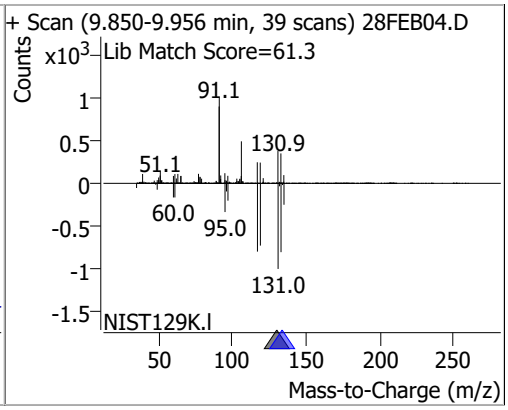




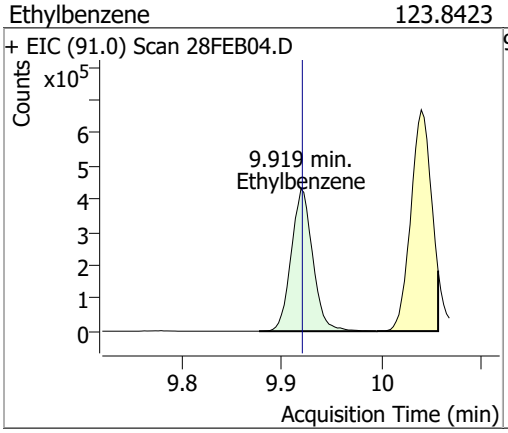
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	122.7872	9.89	0.00	128033	133.0	95.5	65.3	125.3

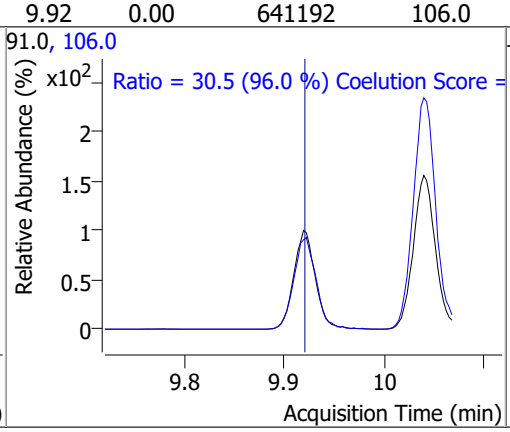


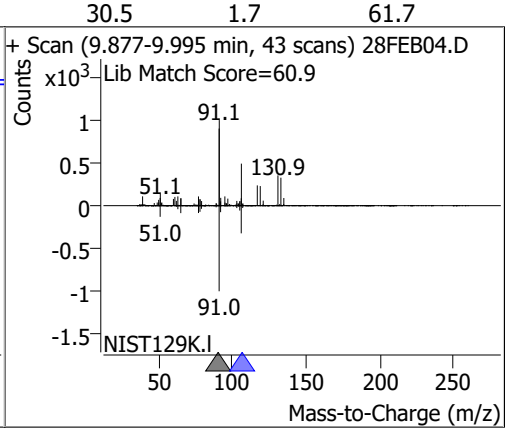




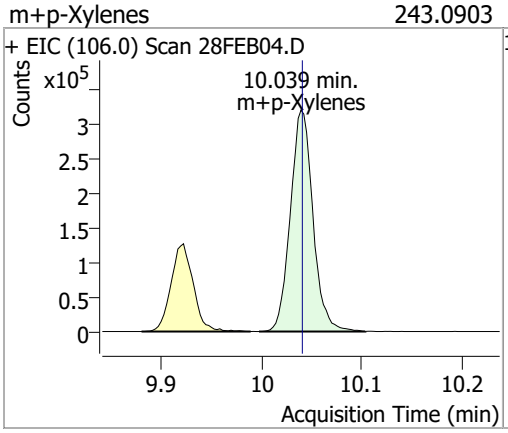
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	123.8423	9.92	0.00	641192	106.0	30.5	1.7	61.7

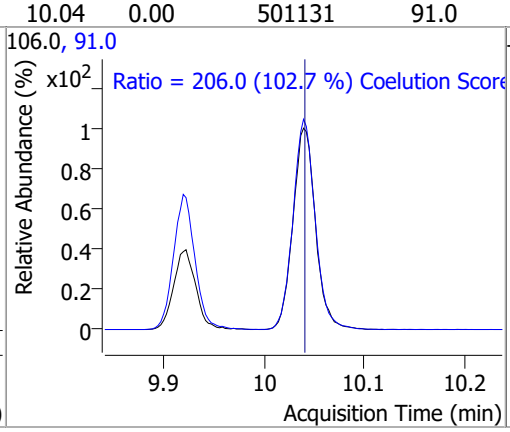


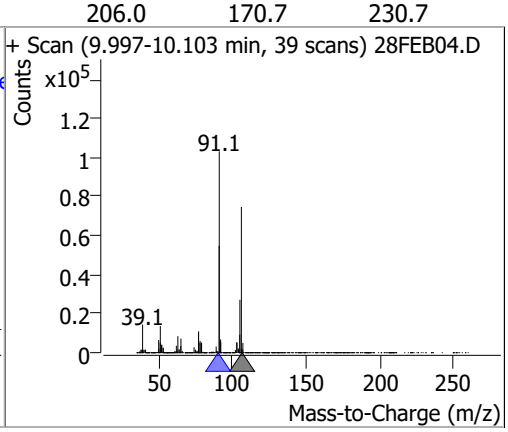




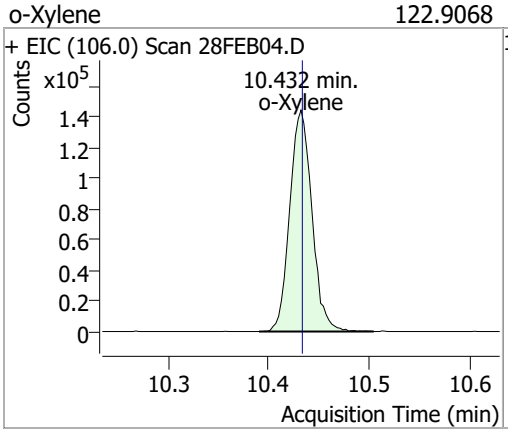
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	243.0903	10.04	0.00	501131	91.0	206.0	170.7	230.7

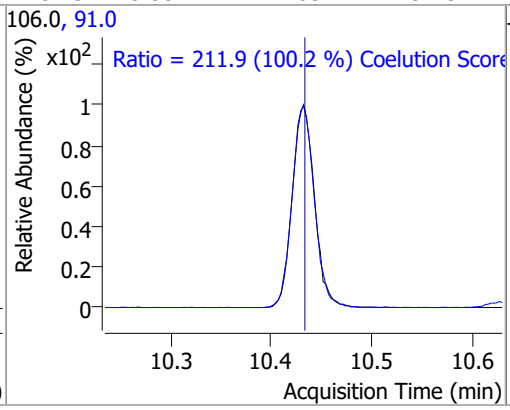


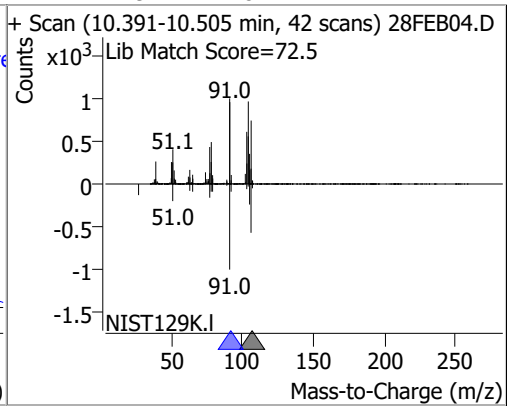




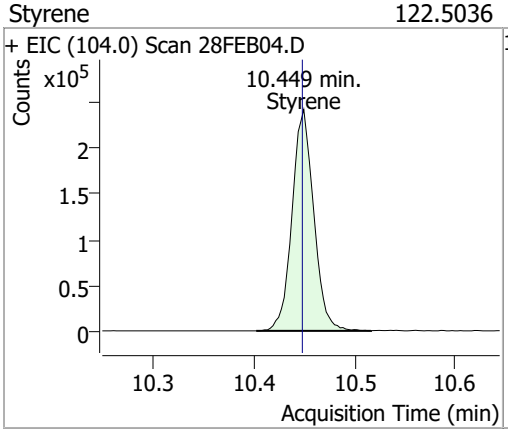
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	122.9068	10.43	0.00	221652	91.0	211.9	181.4	241.4

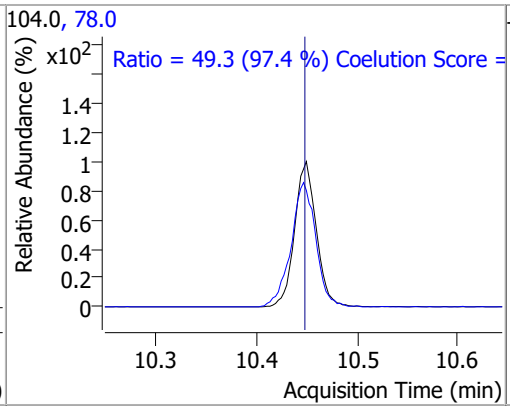


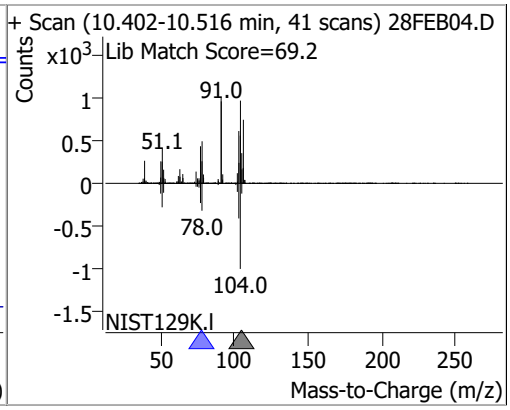




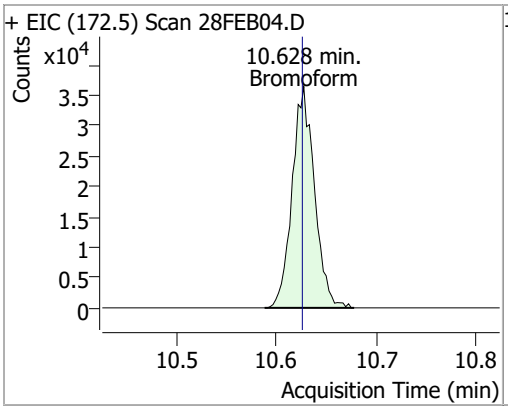
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	122.5036	10.45	0.00	365353	78.0	49.3	20.6	80.6

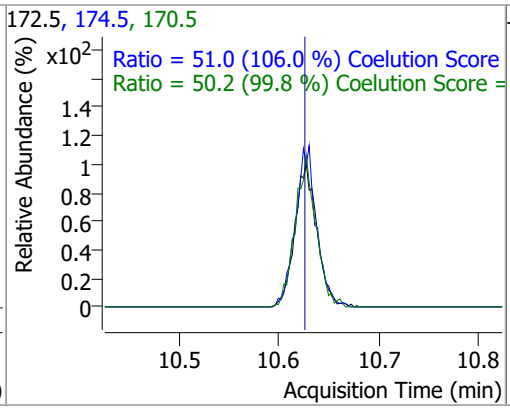


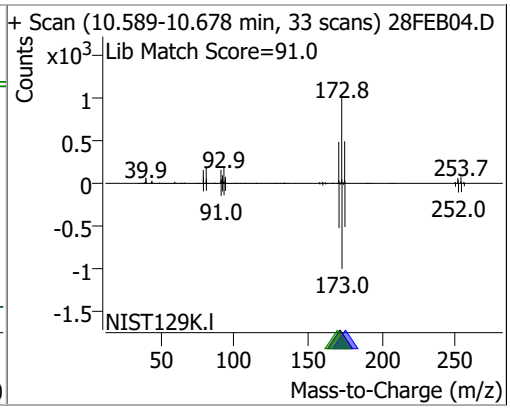




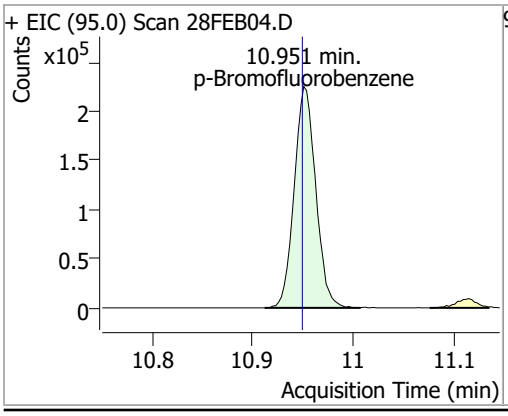
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	122.4751	10.63	0.00	56285	170.5	50.2	20.3	80.3
					174.5	51.0	18.1	78.1

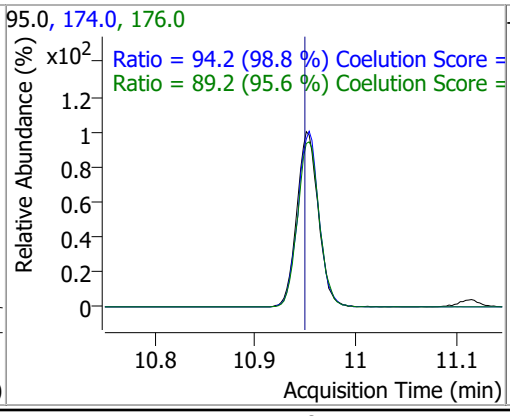


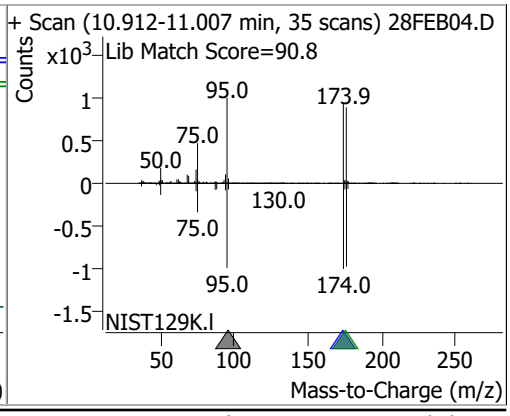




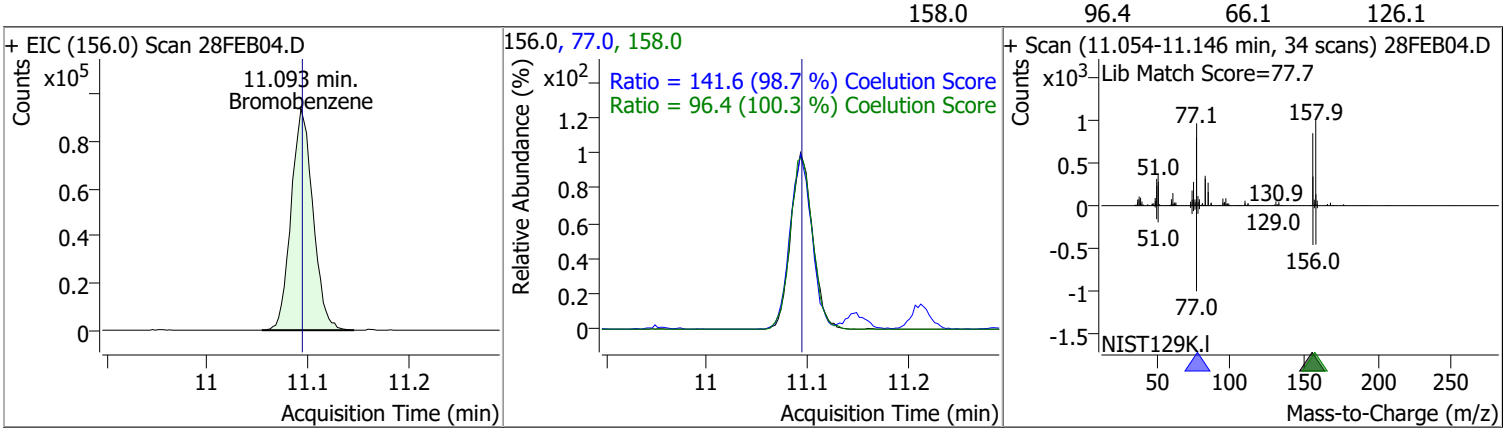
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.5923	10.95	0.00	335051	174.0	94.2	65.3	125.3
					176.0	89.2	63.3	123.3



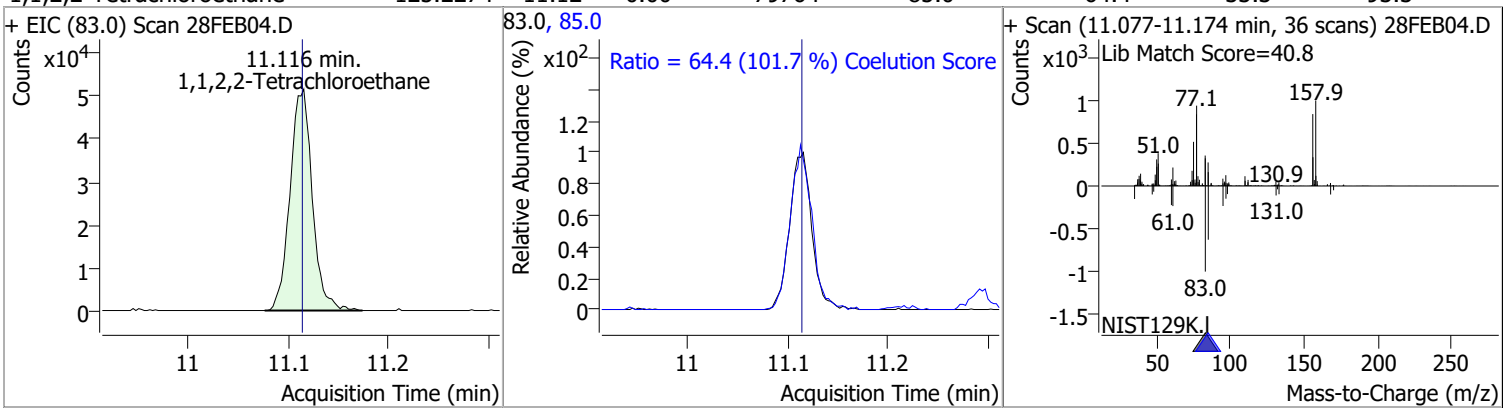




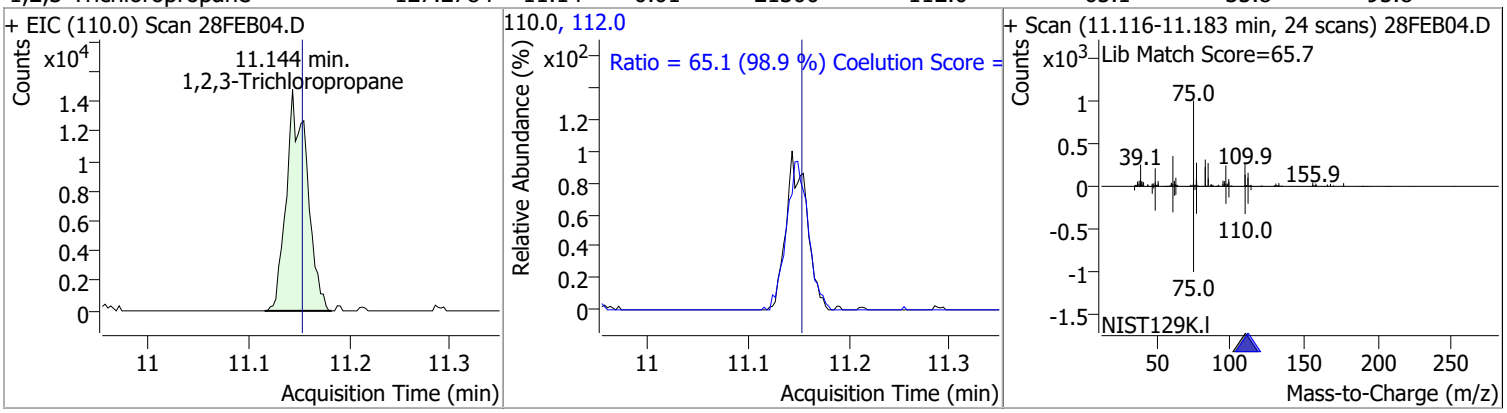
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	126.9717	11.09	0.00	141789	77.0	141.6	113.5	173.5
					158.0	96.4	66.1	126.1



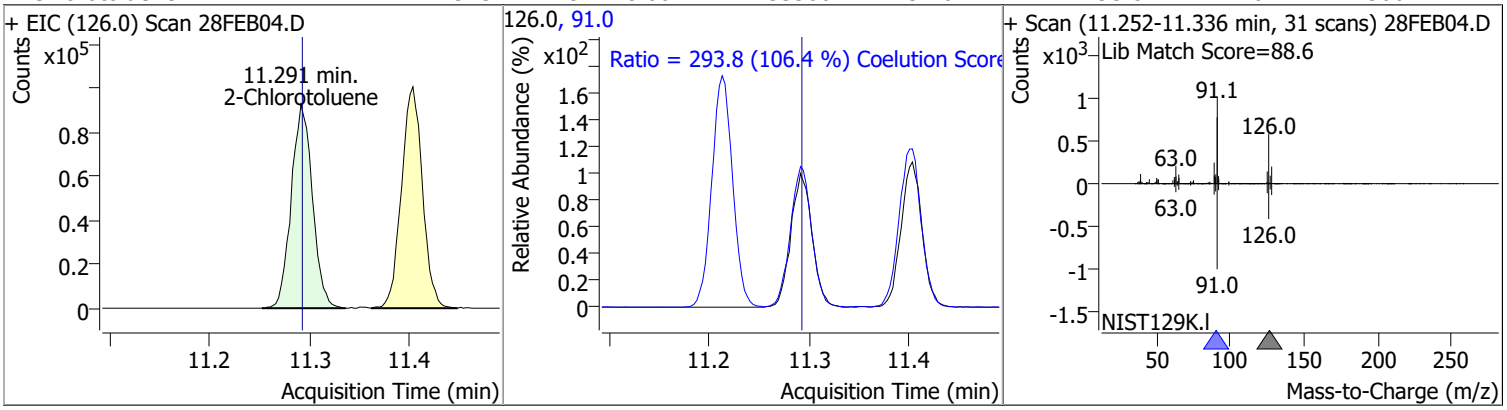
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	125.2274	11.12	0.00	79764	85.0	64.4	33.3	93.3



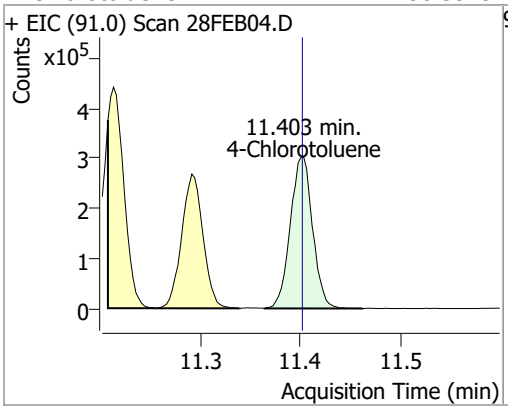
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	127.2784	11.14	-0.01	21300	112.0	65.1	35.8	95.8

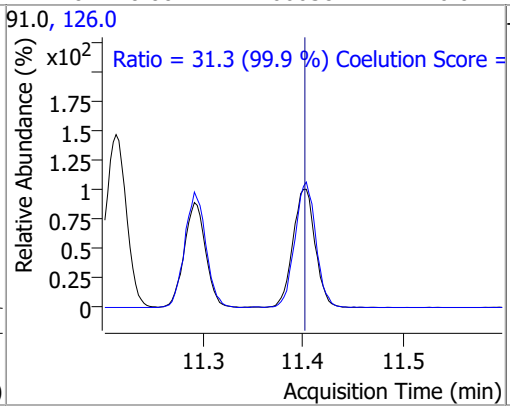


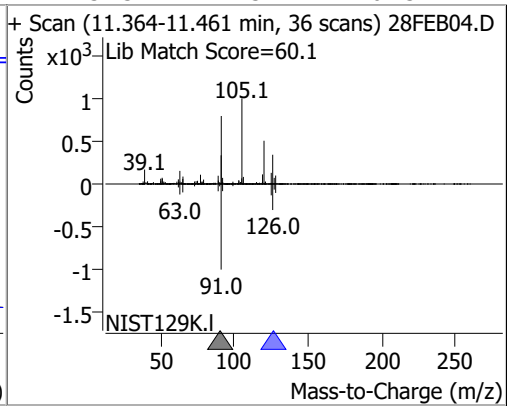
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	122.4923	11.29	0.00	135380	91.0	293.8	246.2	306.2



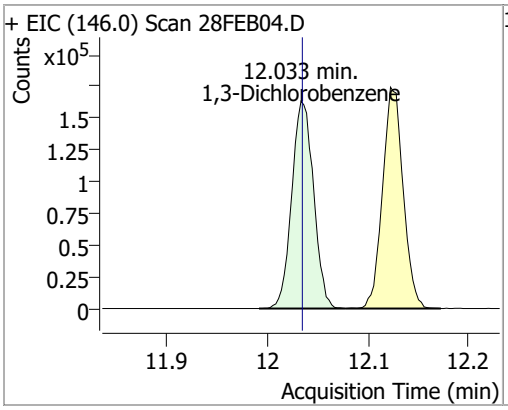
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	130.3573	11.40	0.00	466638	126.0	31.3	1.3	61.3

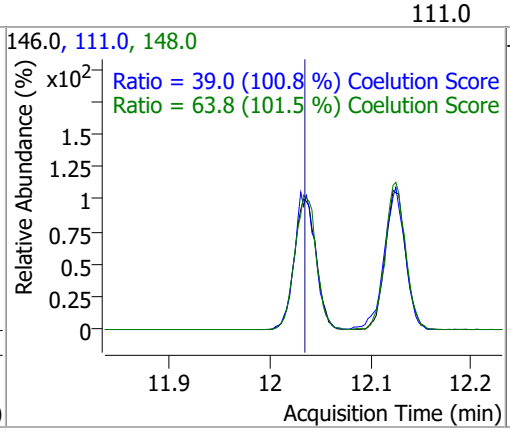


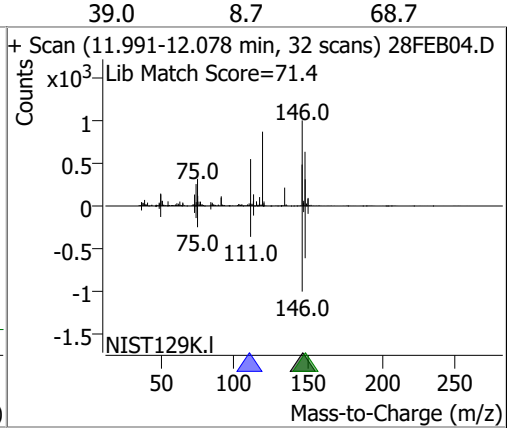




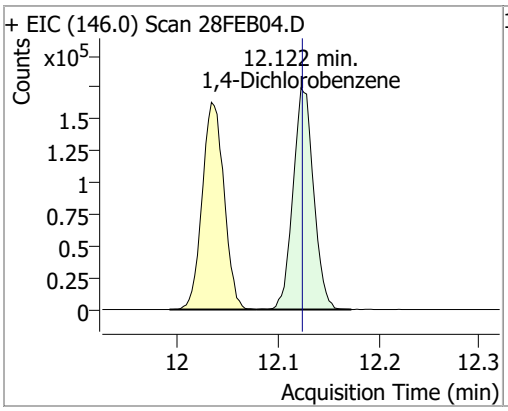
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	121.9983	12.03	0.00	246832	148.0	63.8	32.8	92.8
					111.0	39.0	8.7	68.7

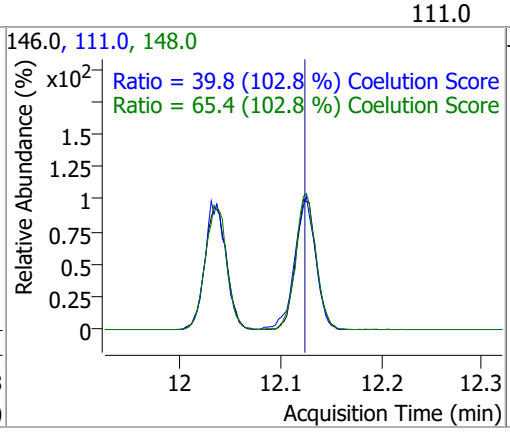


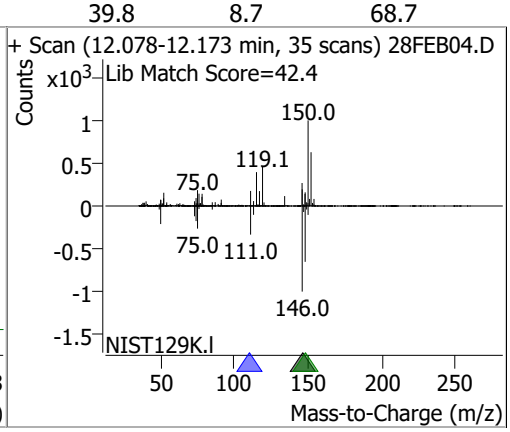




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	120.8203	12.12	0.00	249211	148.0	65.4	33.7	93.7
					111.0	39.8	8.7	68.7

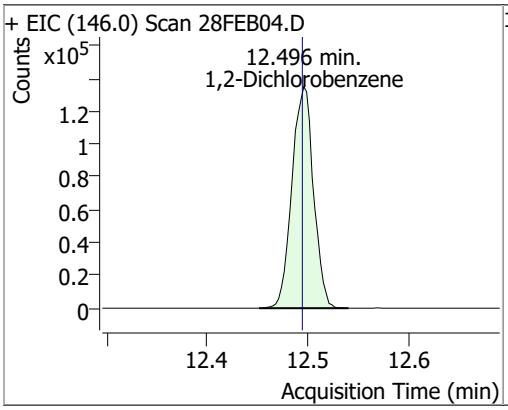


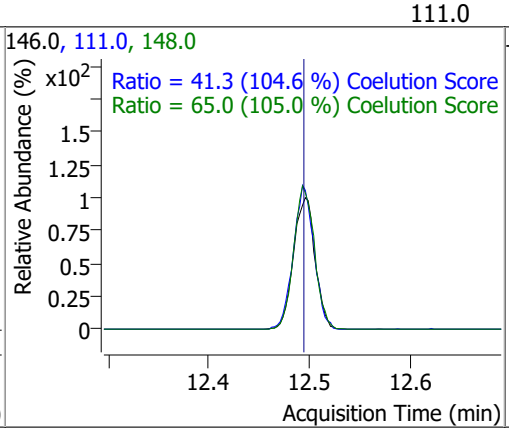


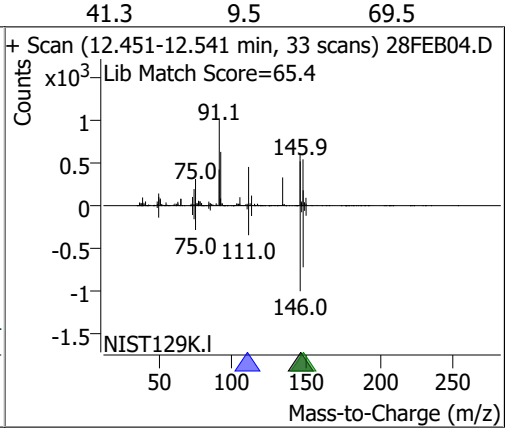


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	119.1812	12.50	0.00	201317	148.0	65.0	31.9	91.9
					111.0	41.3	9.5	69.5







Quantitation Results Report (QT Reviewed)

Data File	28FEB05.D	Operator	MSC
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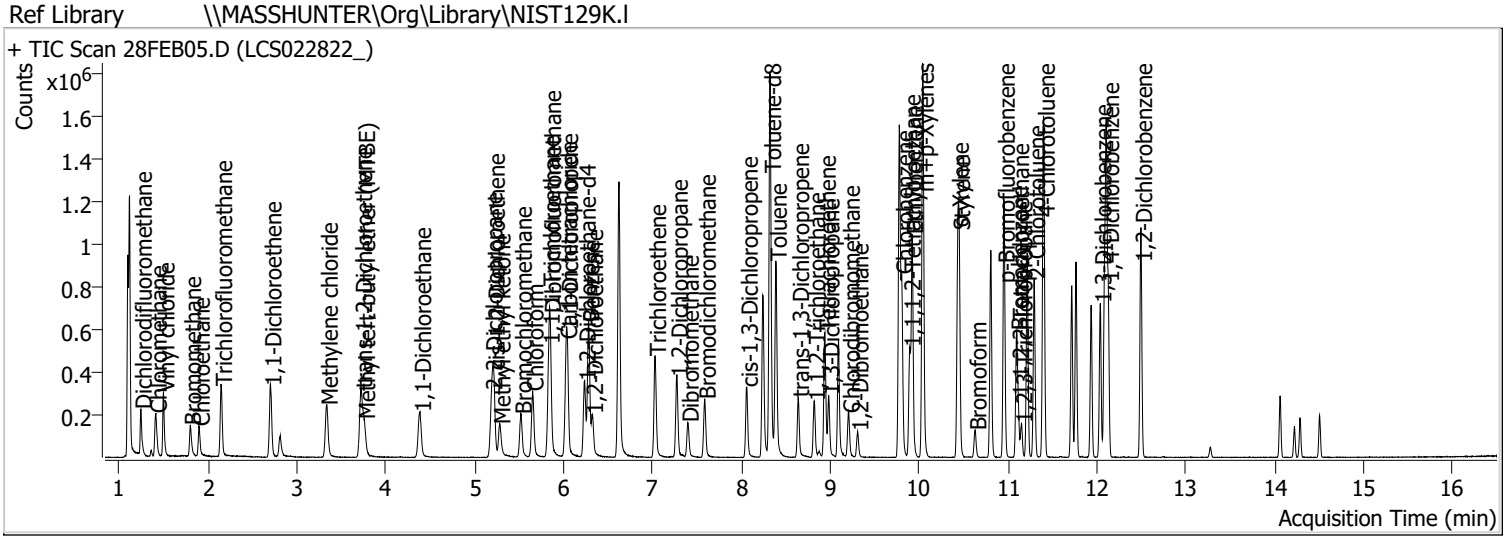
Vial	5	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

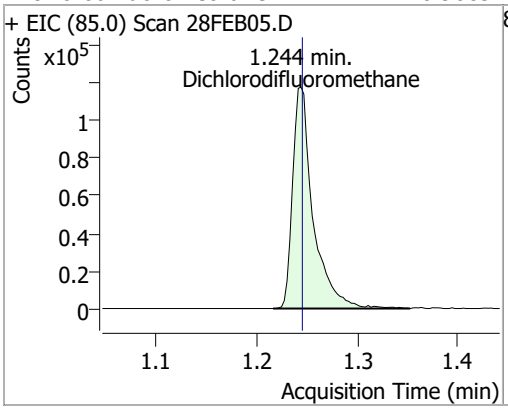


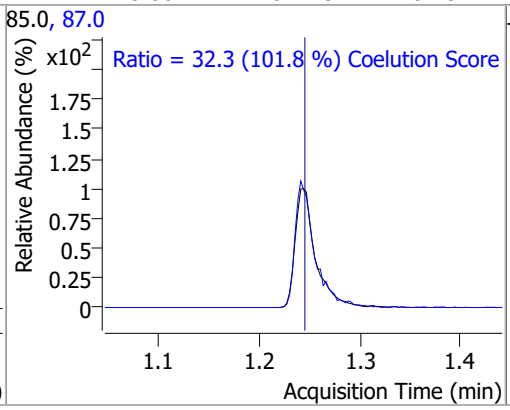
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	1124602	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	429371	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	354158	250.0000	ng	0.003
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	287863	264.2716	ng	-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 105.71%		
S 1,2-Dichloroethane-d4	6.236	67.0	132650	281.9127	ng	0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 112.77%		
S Toluene-d8	8.322	98.0	1145844	273.5411	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 109.42%		
S p-Bromofluorobenzene	10.951	95.0	344942	263.7910	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.52%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.244	85.0	167713	110.9089	ng	99
T Chloromethane	1.411	50.0	215823	121.2274	ng	99
T Vinyl chloride	1.498	62.0	198105	122.2487	ng	97
T Bromomethane	1.799	96.0	77544	111.1242	ng	96
T Chloroethane	1.897	64.0	98726	128.7696	ng	98
T Trichlorofluoromethane	2.148	101.0	240248	123.6344	ng	99
T 1,1-Dichloroethene	2.702	96.0	123041	108.8194	ng	98
T Methylene chloride	3.336	49.0	187646	114.1448	ng	99
T trans-1,2-Dichloroethene	3.720	96.0	131279	112.3905	ng	97
T Methyl tert-butyl ether (MTBE)	3.757	73.0	186186	127.5307	ng	100
T 1,1-Dichloroethane	4.384	63.0	265757	121.5687	ng	100
T 2,2-Dichloropropane	5.187	77.0	191649	116.3312	ng	98
T cis-1,2-Dichloroethene	5.212	96.0	144674	122.3276	ng	98
T Methyl ethyl ketone	5.279	43.0	219853	1286.3232	ng	97
T Bromochloromethane	5.516	128.0	57042	116.9783	ng	98
T Chloroform	5.650	83.0	248423	113.8131	ng	99

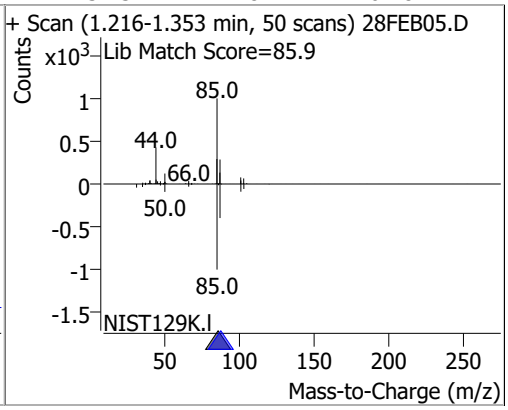
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	232477	115.4355	ng	99
T Carbon tetrachloride	6.027	117.0	222782	114.0584	ng	100
T 1,1-Dichloropropene	6.038	75.0	179600	109.9750	ng	99
T Benzene	6.278	78.0	536641	119.4501	ng	100
T 1,2-Dichloroethane	6.319	62.0	136511	110.0123	ng	99
T Trichloroethene	7.028	95.0	151421	117.7979	ng	98
T 1,2-Dichloropropane	7.270	63.0	136529	120.8037	ng	100
T Dibromomethane	7.396	93.0	58914	123.6722	ng	98
T Bromodichloromethane	7.585	83.0	164045	122.4634	ng	97
T cis-1,3-Dichloropropene	8.059	75.0	168968	114.9503	ng	97
T Toluene	8.386	92.0	345282	123.6606	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	136650	127.4484	ng	92
T 1,1,2-Trichloroethane	8.815	83.0	67357	123.5463	ng	97
T Tetrachloroethene	8.938	163.8	130563	115.3138	ng	98
T 1,3-Dichloropropane	8.980	76.0	133635	121.1250	ng	98
T Chlorodibromomethane	9.206	129.0	106014	120.7384	ng	100
T 1,2-Dibromoethane	9.306	107.0	72726	120.7780	ng	98
T Chlorobenzene	9.802	112.0	374139	122.2320	ng	98
T 1,1,1,2-Tetrachloroethane	9.892	131.0	132731	123.5902	ng	100
T Ethylbenzene	9.919	91.0	632921	118.8742	ng	100
T m+p-Xylenes	10.039	106.0	498745	235.1523	ng	98
T o-Xylene	10.433	106.0	224807	121.1064	ng	99
T Styrene	10.449	104.0	374374	121.8989	ng	99
T Bromoform	10.631	172.5	57579	121.3297	ng	98
T Bromobenzene	11.096	156.0	142552	123.6190	ng	96
T 1,1,2,2-Tetrachloroethane	11.113	83.0	83039	126.2474	ng	95
T 1,2,3-Trichloropropane	11.149	110.0	21415	123.9199	ng	97
T 2-Chlorotoluene	11.291	126.0	144149	126.3030	ng	97
T 4-Chlorotoluene	11.400	91.0	485549	131.3518	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	262443	125.6131	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	263920	123.9061	ng	98
T 1,2-Dichlorobenzene	12.496	146.0	217385	124.6248	ng	97

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

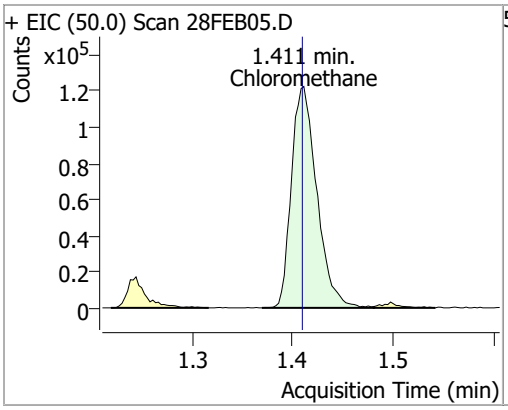
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	110.9089	1.24	0.00	167713	87.0	32.3	1.8	61.8

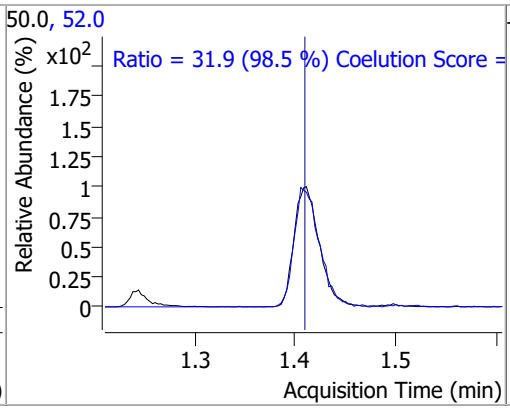


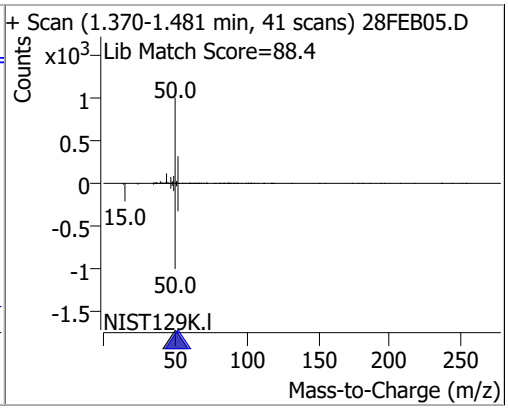




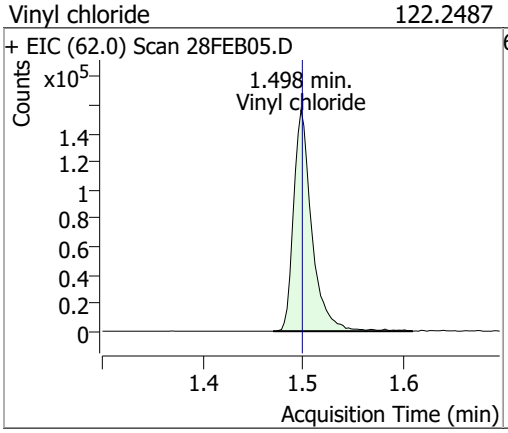
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	121.2274	1.41	0.00	215823	52.0	31.9	2.4	62.4

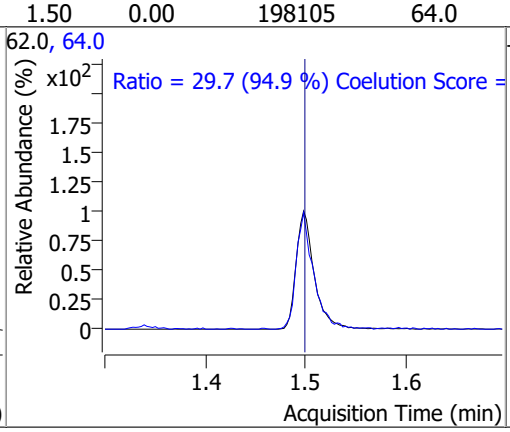


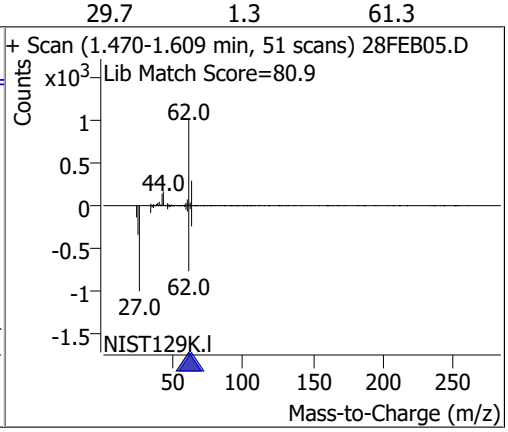




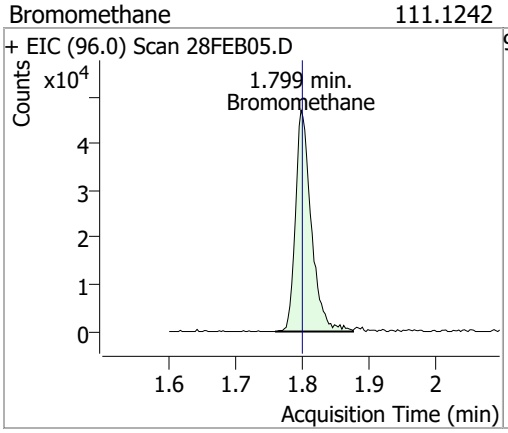
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	122.2487	1.50	0.00	198105	64.0	29.7	1.3	61.3

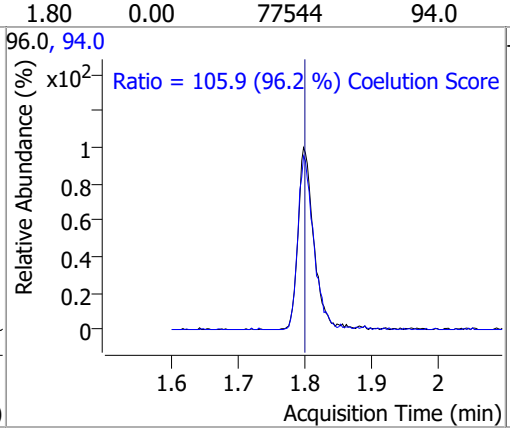


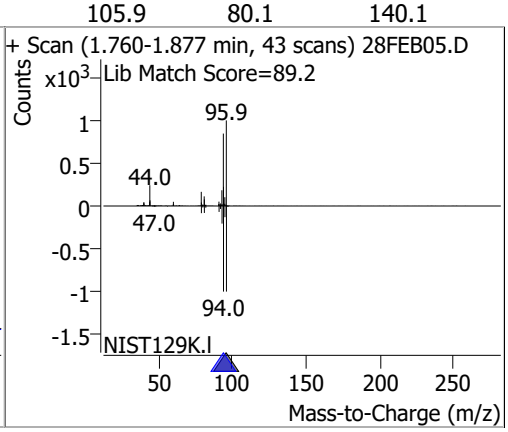




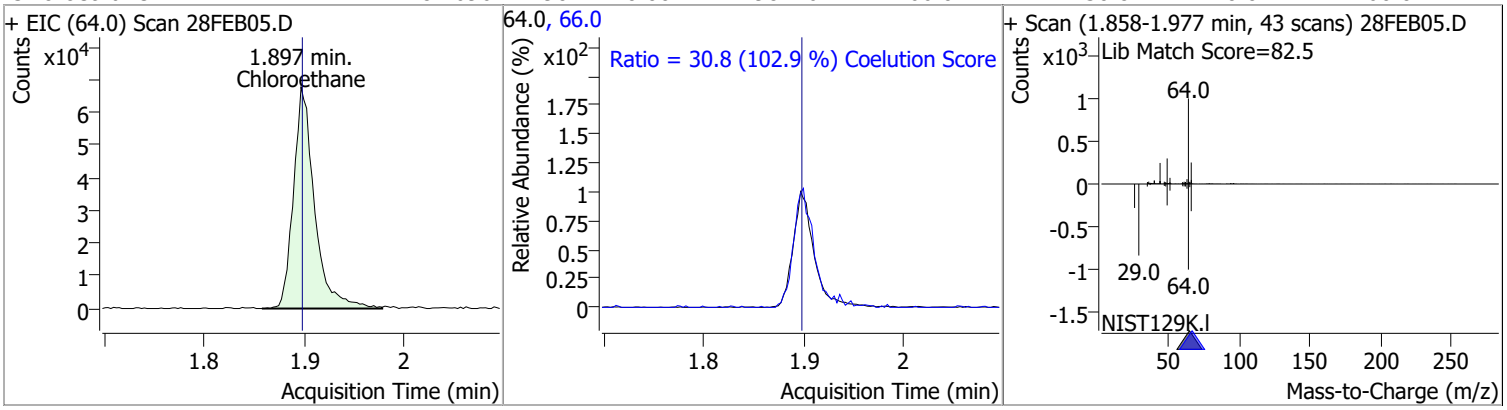
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	111.1242	1.80	0.00	77544	94.0	105.9	80.1	140.1



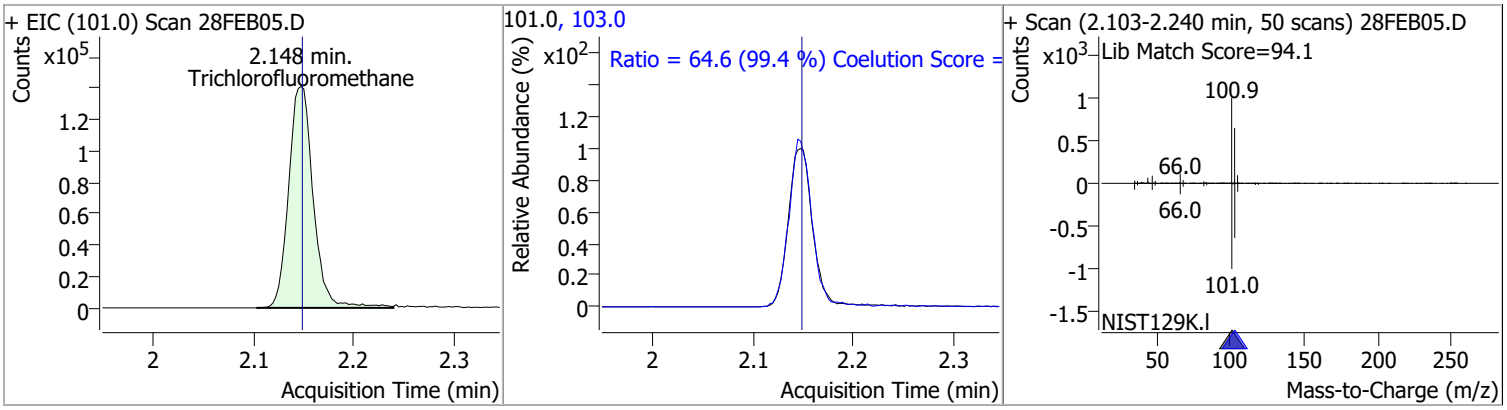




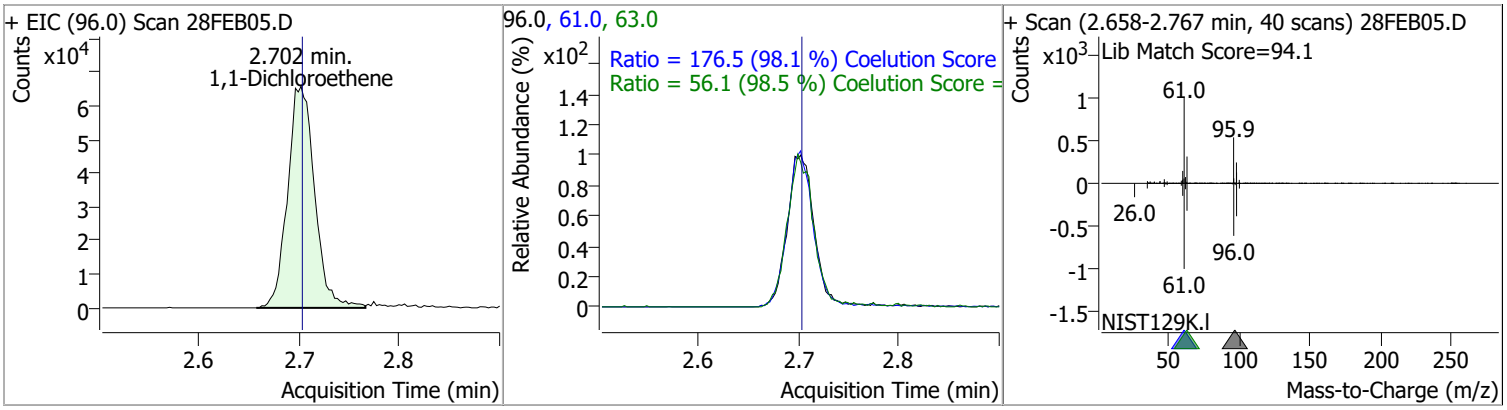
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	128.7696	1.90	0.00	98726	66.0	30.8	0.0	60.0



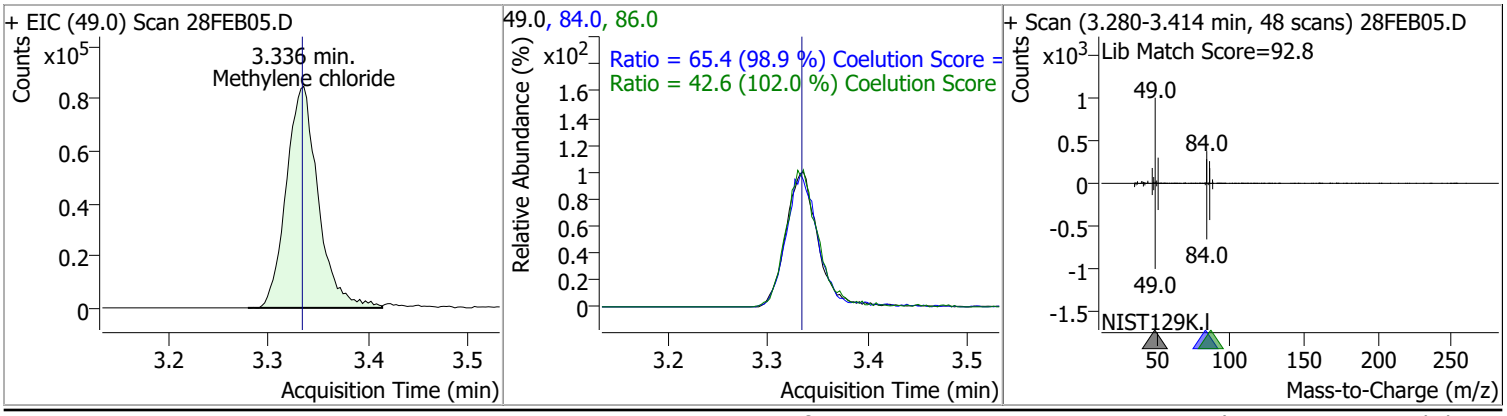
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	123.6344	2.15	0.00	240248	103.0	64.6	35.0	95.0



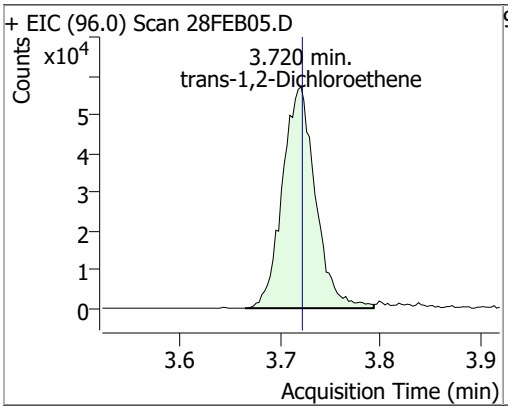
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	108.8194	2.70	0.00	123041	61.0	176.5	149.9	209.9
					63.0	56.1	27.0	87.0

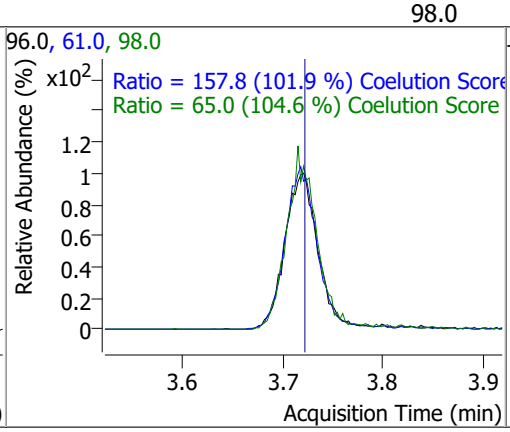


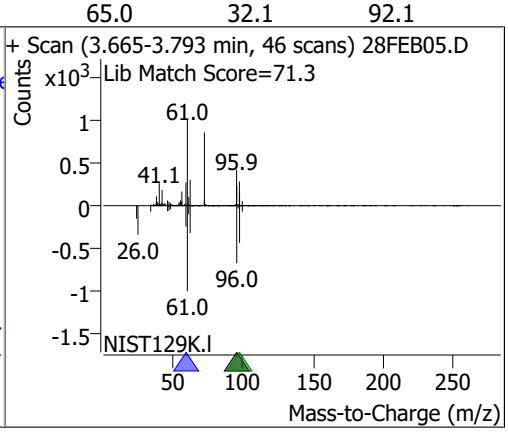
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	114.1448	3.34	0.00	187646	84.0	65.4	36.1	96.1
					86.0	42.6	11.8	71.8



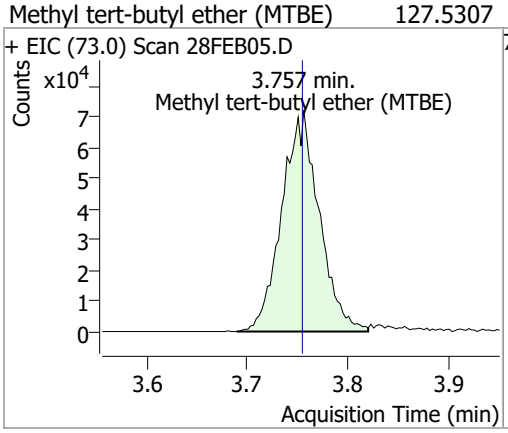
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	112.3905	3.72	0.00	131279	61.0	157.8	124.8	184.8
					98.0	65.0	32.1	92.1

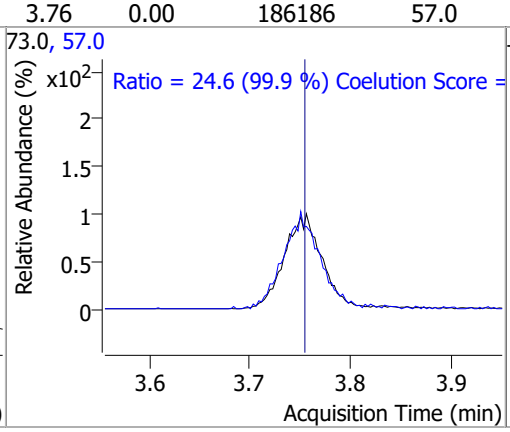


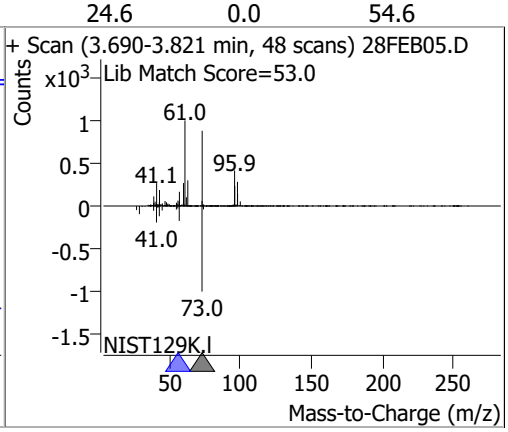




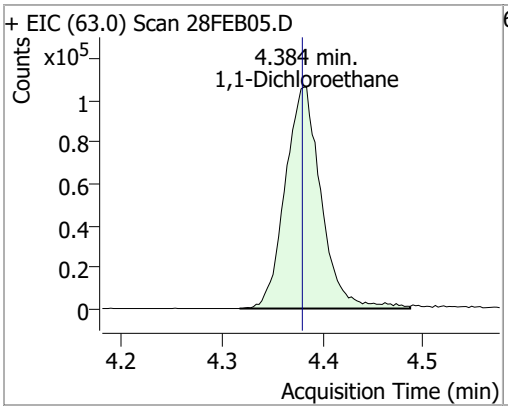
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	127.5307	3.76	0.00	186186	57.0	24.6	0.0	54.6

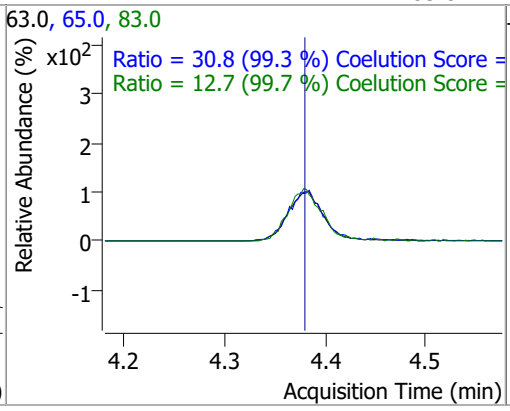


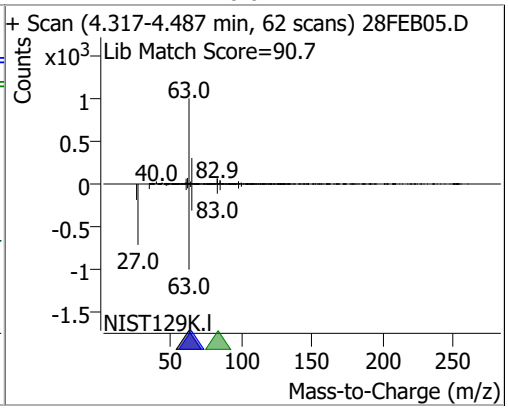




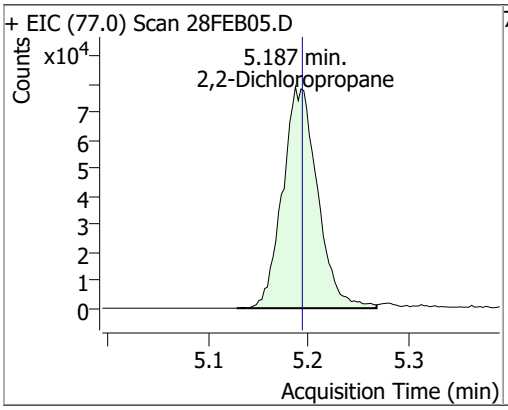
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	121.5687	4.38	0.01	265757	65.0	30.8	1.0	61.0
					83.0	12.7	0.0	42.7

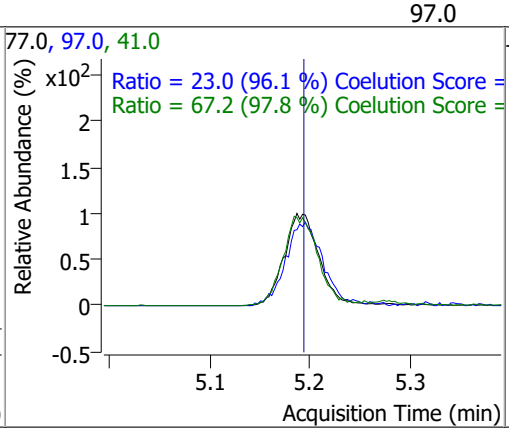


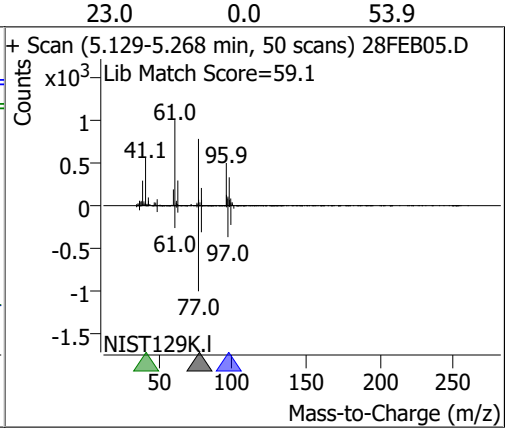




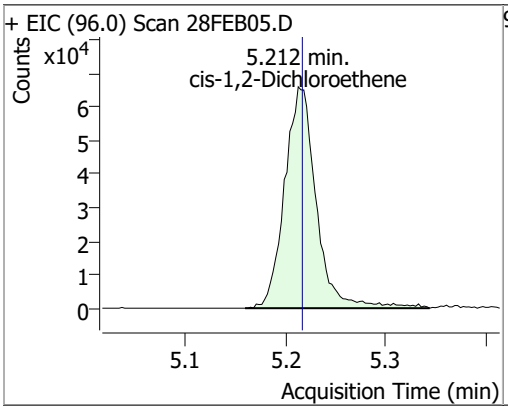
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	116.3312	5.19	-0.01	191649	41.0	67.2	38.8	98.8
					97.0	23.0	0.0	53.9

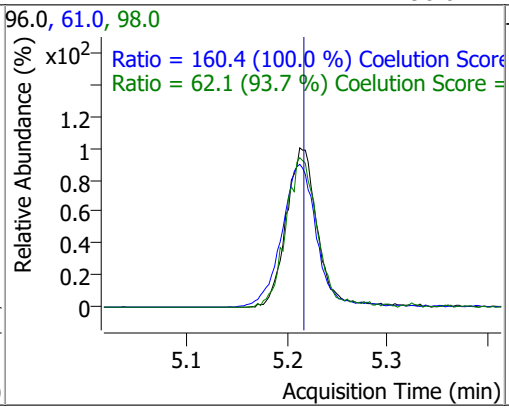


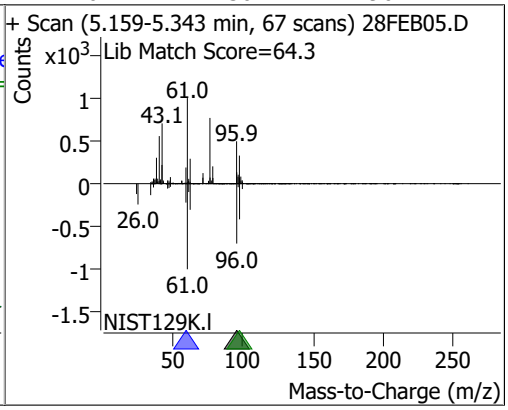




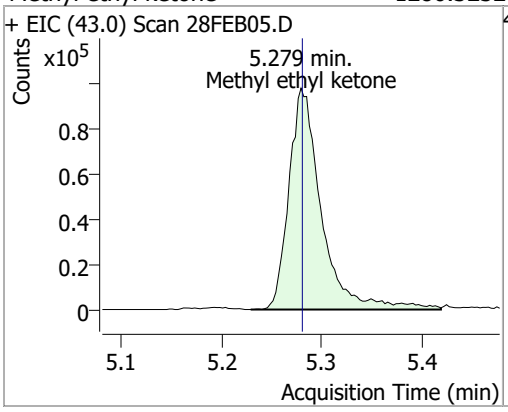
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	122.3276	5.21	0.00	144674	61.0	160.4	130.4	190.4
					98.0	62.1	36.2	96.2

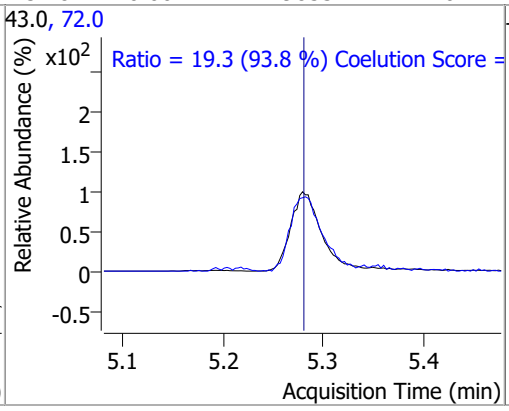


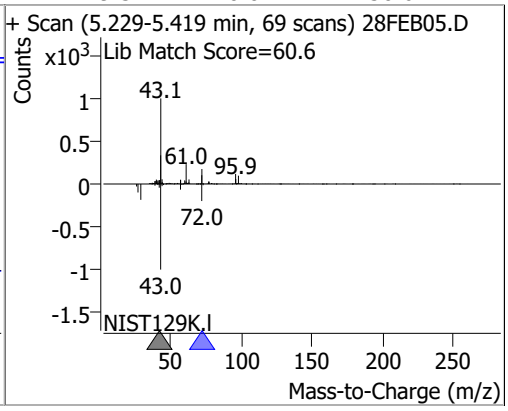




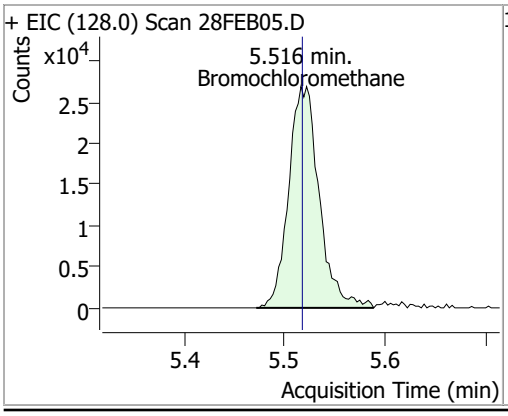
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1286.3232	5.28	0.00	219853	72.0	19.3	0.0	50.6

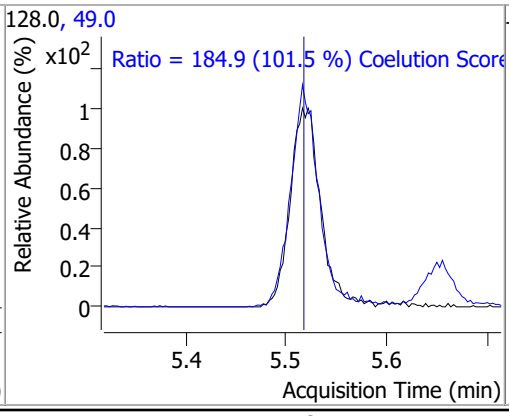


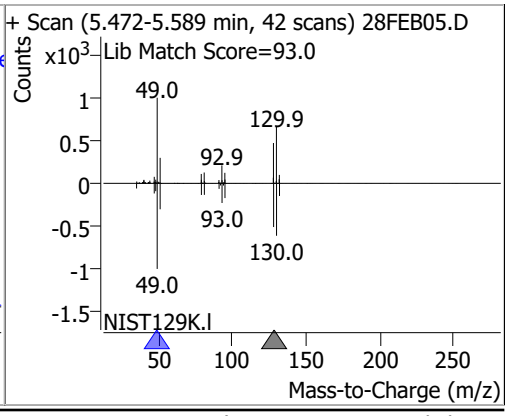




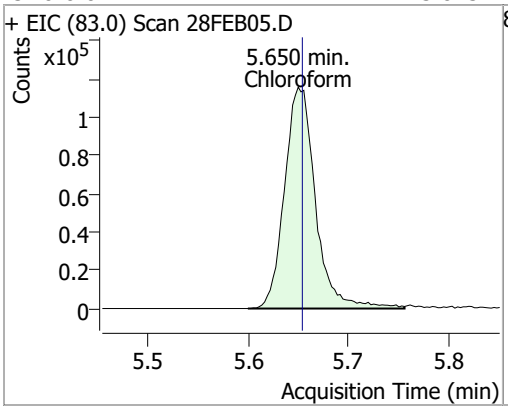
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	116.9783	5.52	0.00	57042	49.0	184.9	152.2	212.2

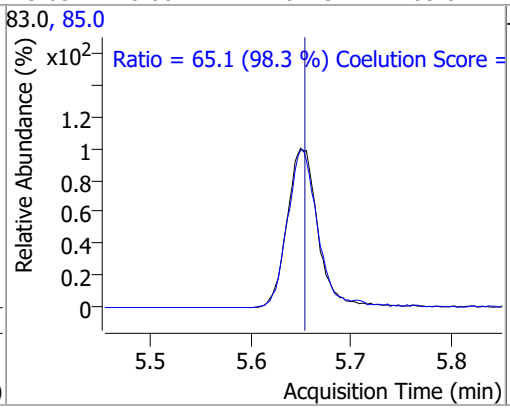


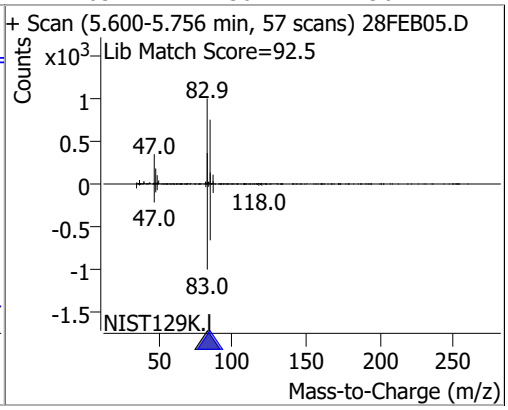




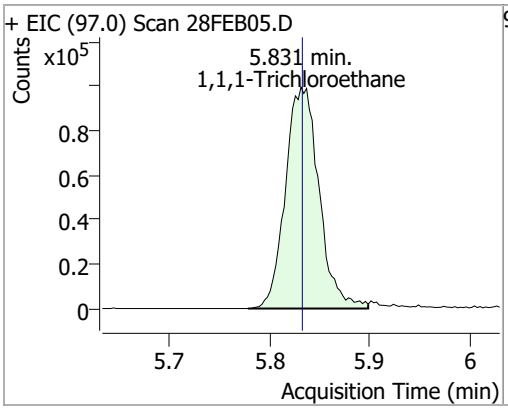
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	113.8131	5.65	0.00	248423	85.0	65.1	36.2	96.2

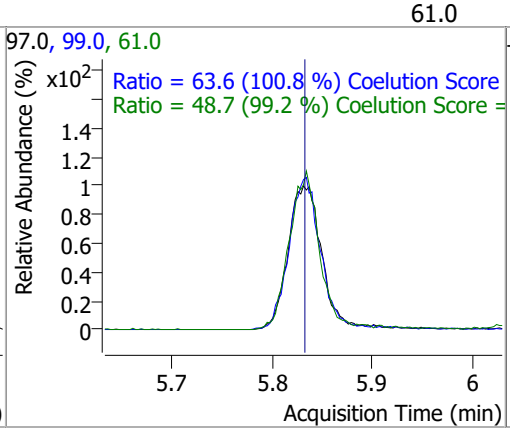


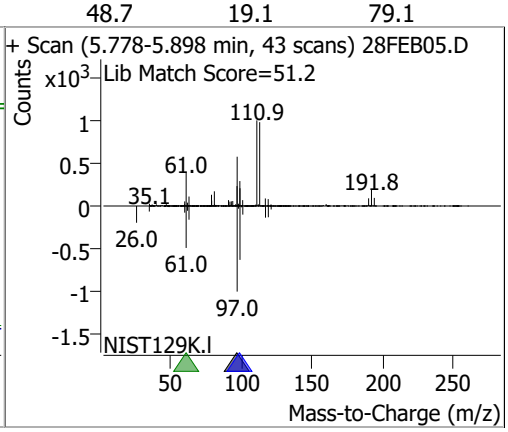




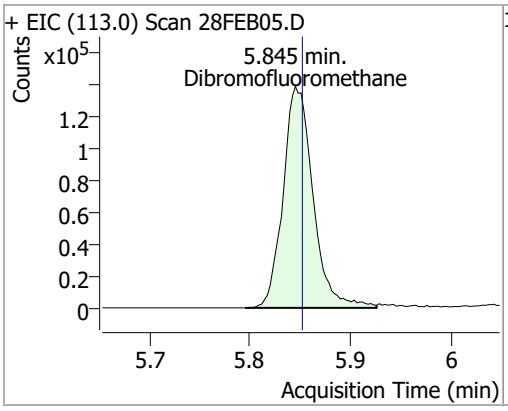
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	115.4355	5.83	0.00	232477	99.0	63.6	33.1	93.1
					61.0	48.7	19.1	79.1

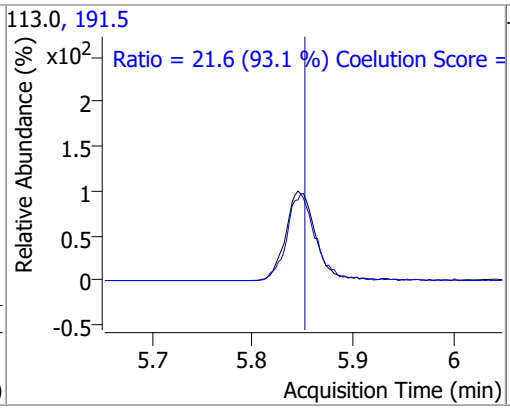


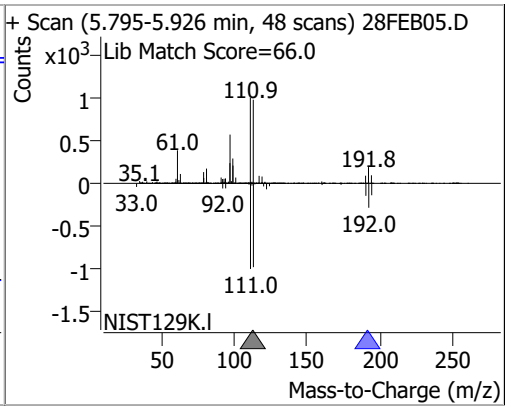




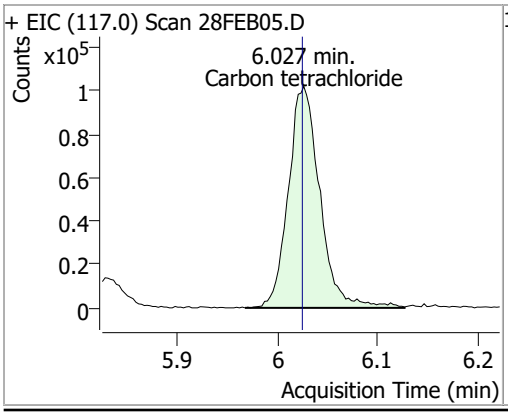
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	264.2716	5.85	-0.01	287863	191.5	21.6	0.0	53.2

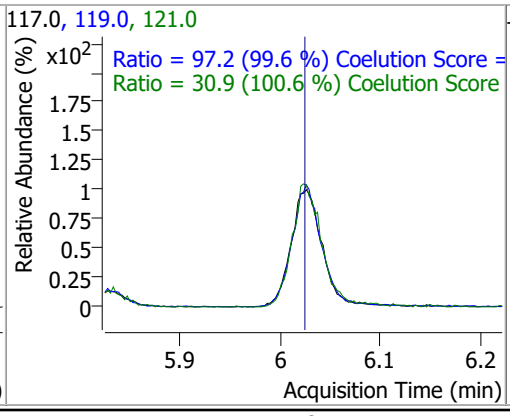


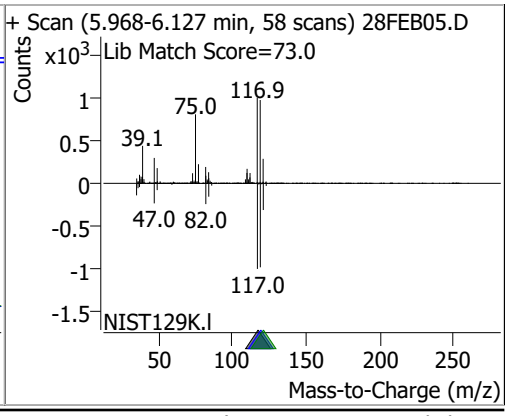




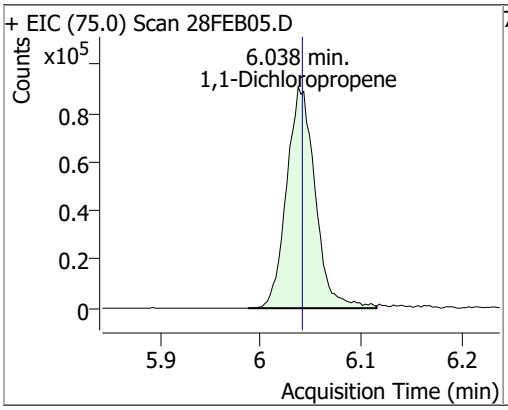
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	114.0584	6.03	0.00	222782	119.0	97.2	67.6	127.6
					121.0	30.9	0.7	60.7

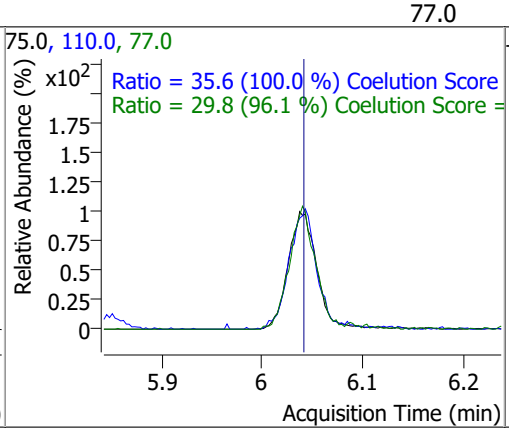


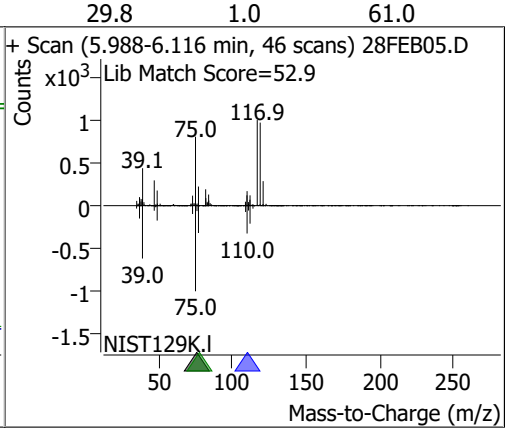




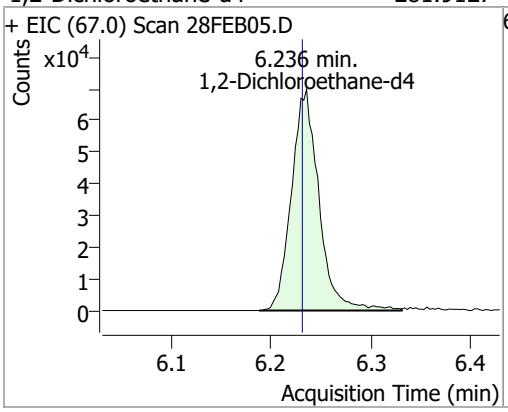
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	109.9750	6.04	0.00	179600	110.0	35.6	5.6	65.6
					77.0	29.8	1.0	61.0

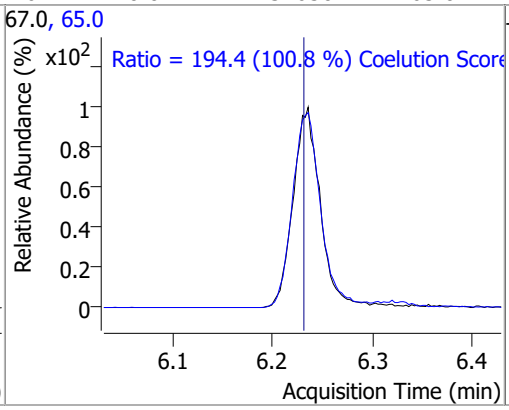


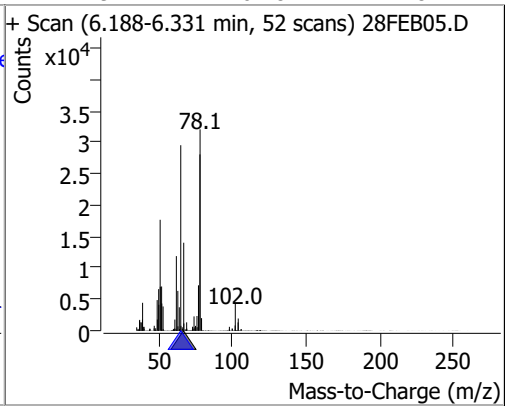




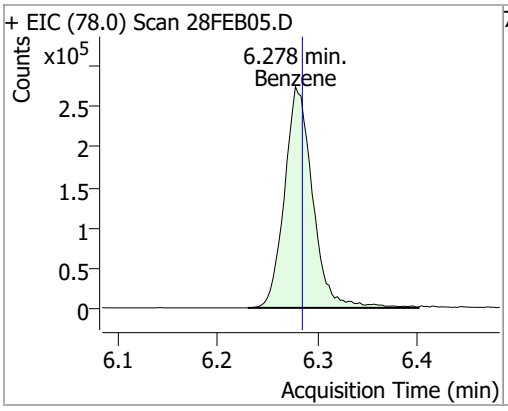
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	281.9127	6.24	0.01	132650	65.0	194.4	162.8	222.8

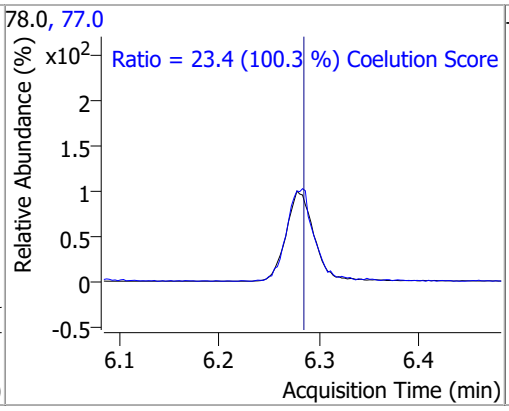


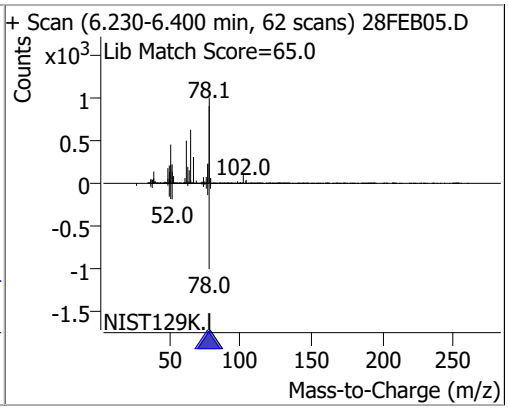




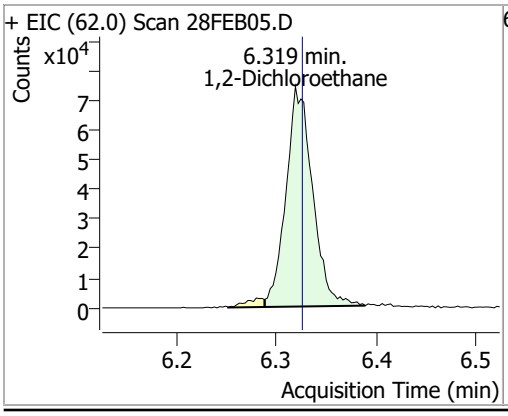
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	119.4501	6.28	-0.01	536641	77.0	23.4	0.0	53.3

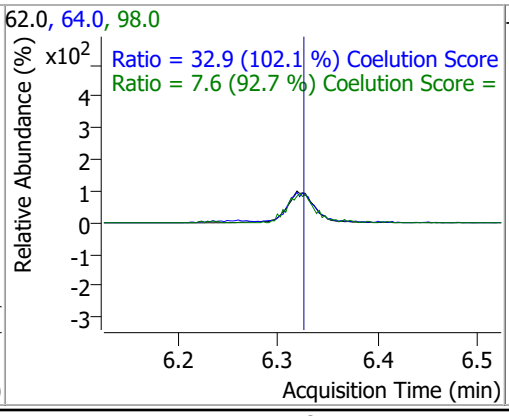


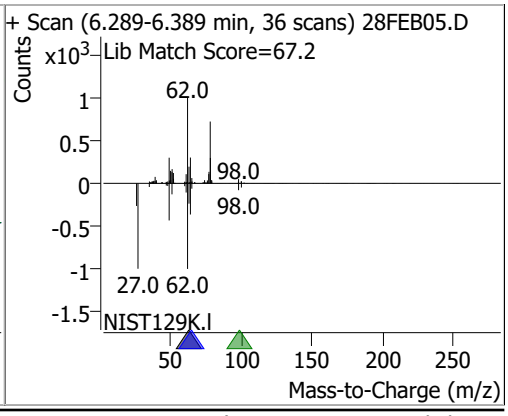




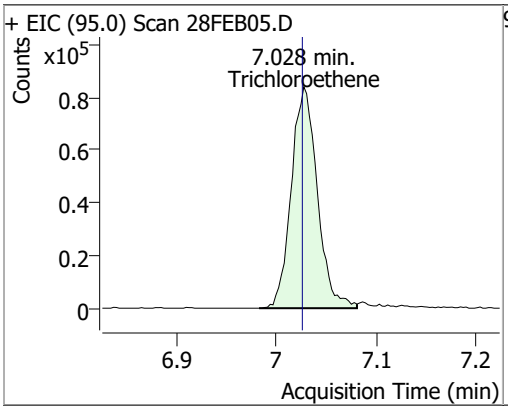
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	110.0123	6.32	-0.01	136511	64.0	32.9	2.2	62.2
					98.0	7.6	0.0	38.2

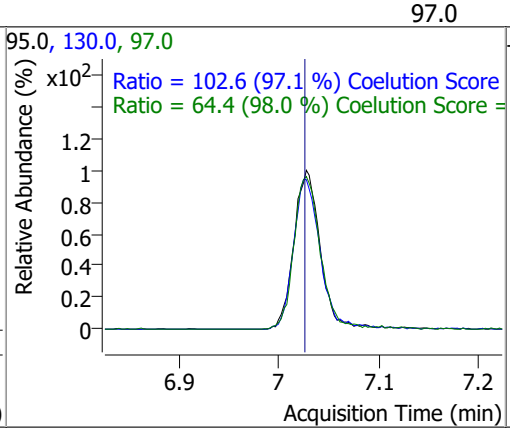


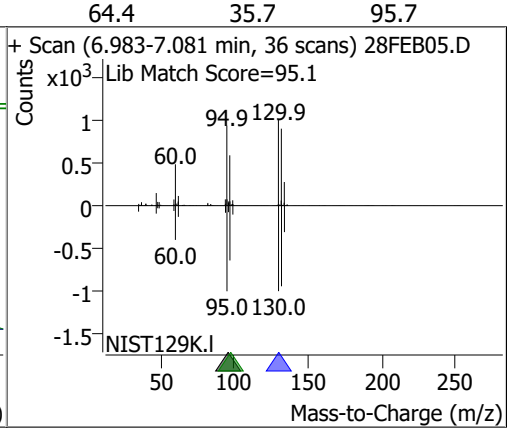




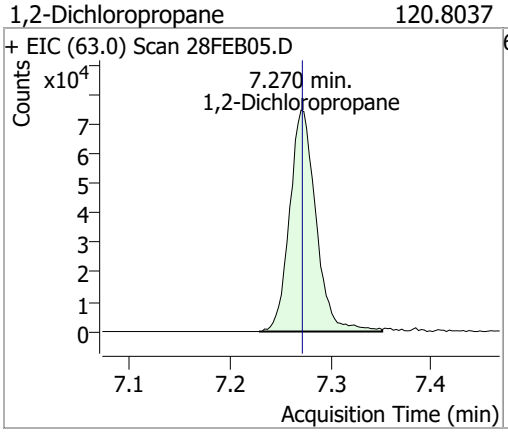
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	117.7979	7.03	0.00	151421	130.0	102.6	75.6	135.6
					97.0	64.4	35.7	95.7

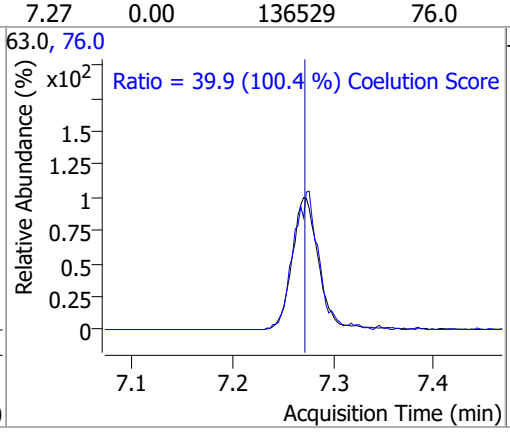


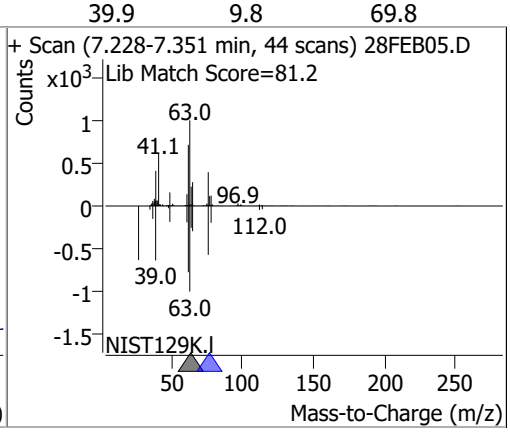




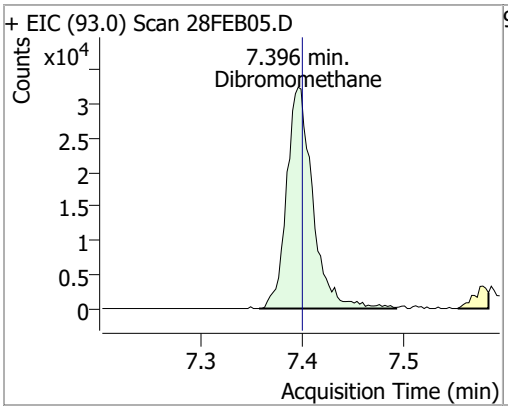
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	120.8037	7.27	0.00	136529	76.0	39.9	9.8	69.8

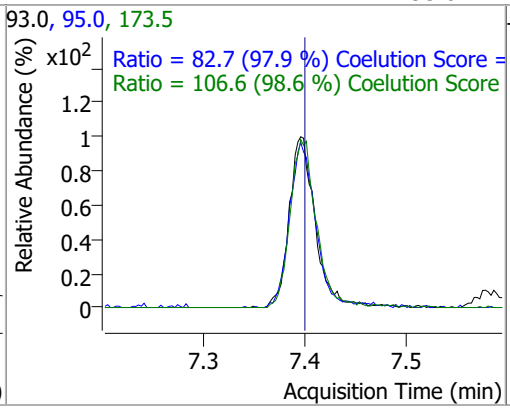


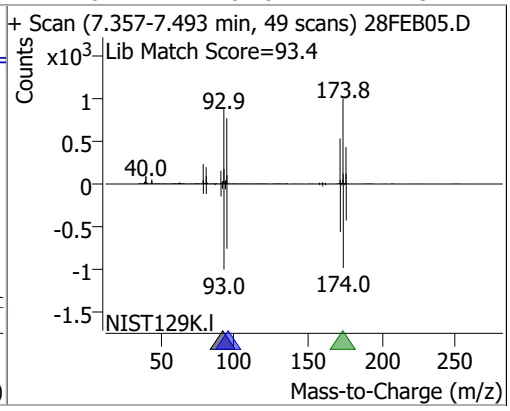




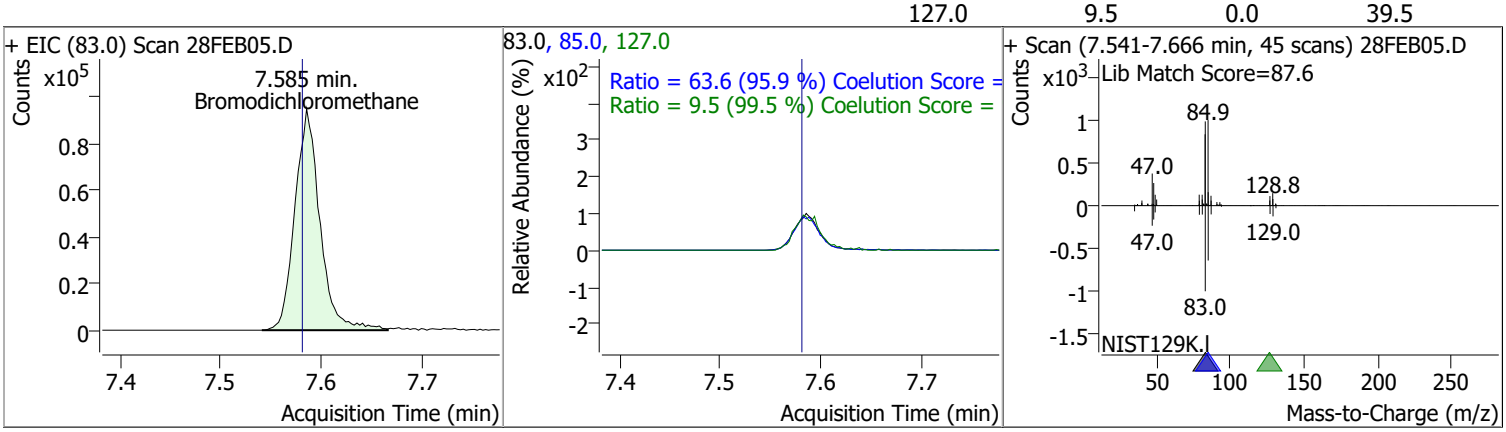
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	123.6722	7.40	0.00	58914	173.5	106.6	78.2	138.2
					95.0	82.7	54.5	114.5



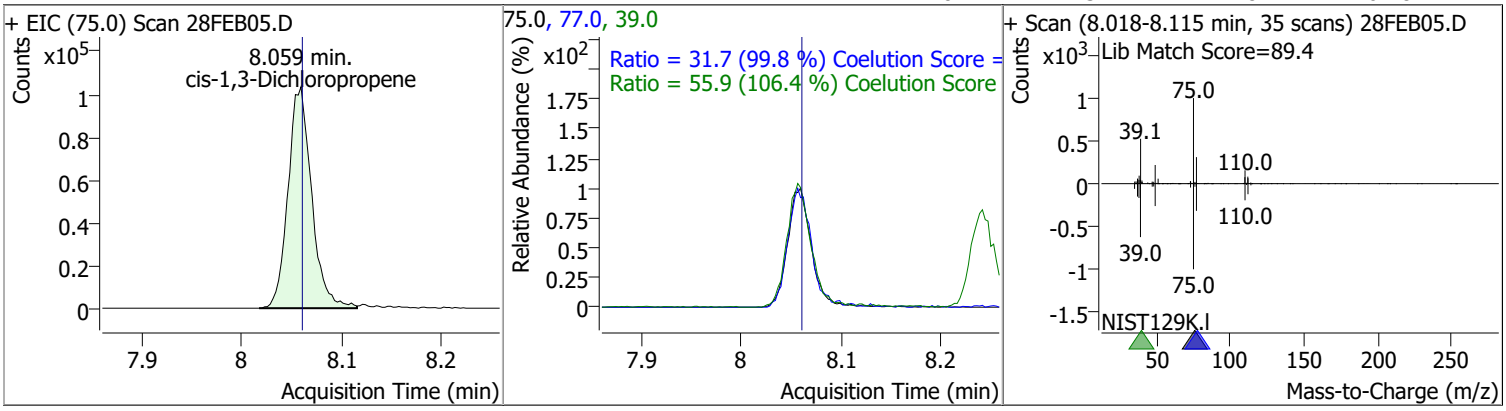




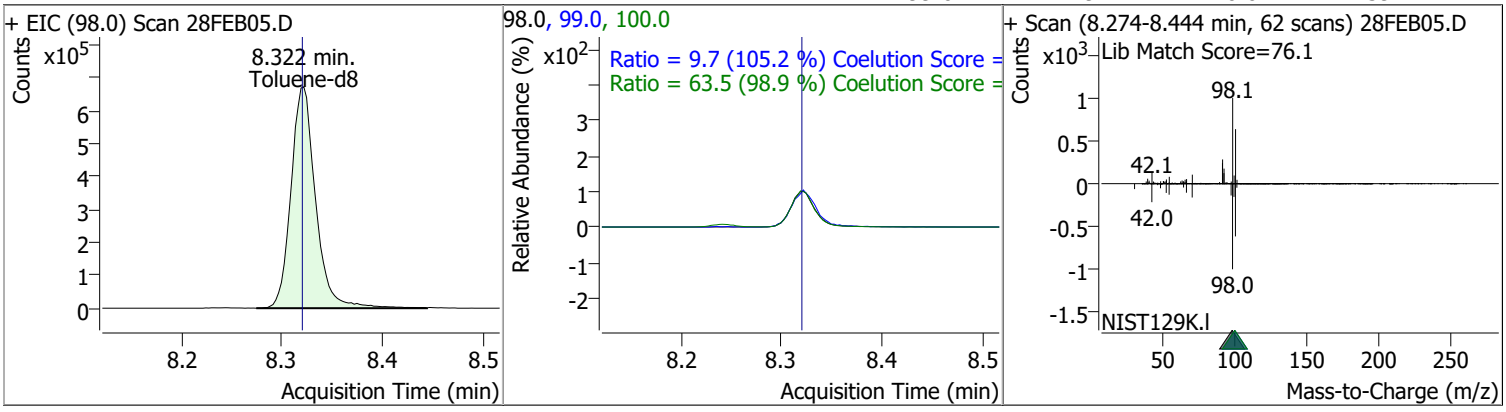
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	122.4634	7.59	0.01	164045	85.0	63.6	36.3	96.3
					127.0	9.5	0.0	39.5



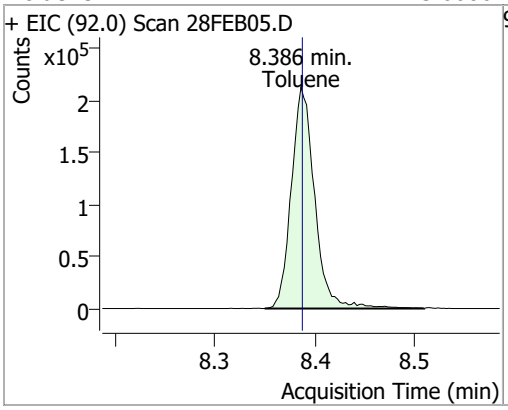
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	114.9503	8.06	0.00	168968	39.0	55.9	22.5	82.5
					77.0	31.7	1.8	61.8

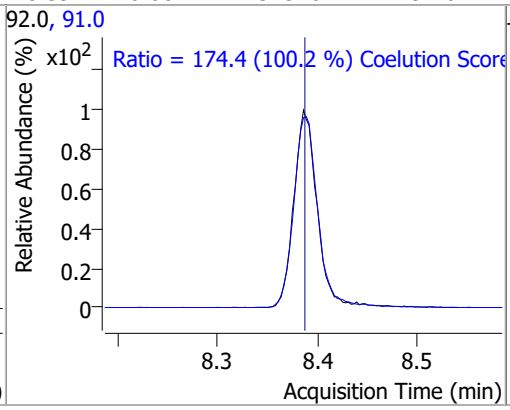


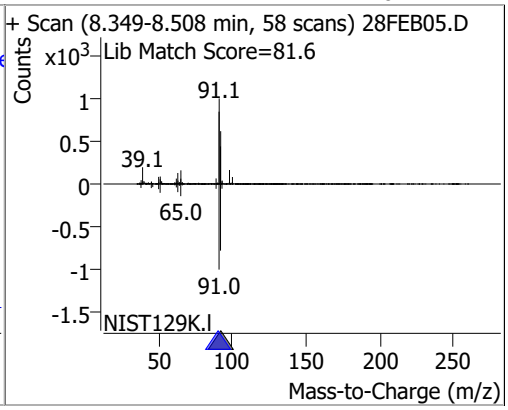
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	273.5411	8.32	0.00	1145844	100.0	63.5	34.3	94.3
					99.0	9.7	0.0	39.2



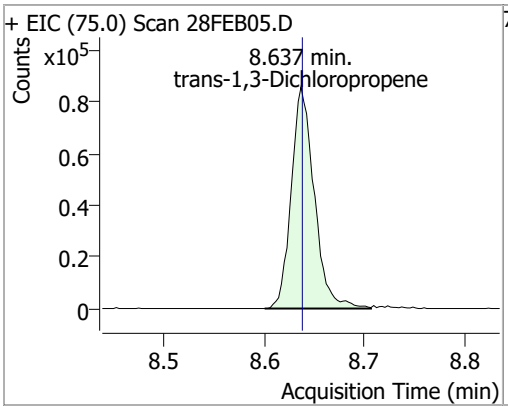
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	123.6606	8.39	0.00	345282	91.0	174.4	144.1	204.1

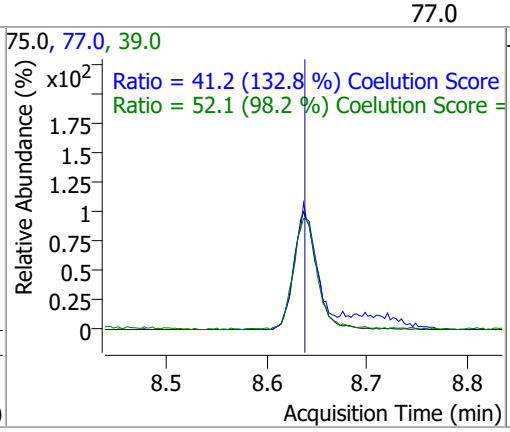


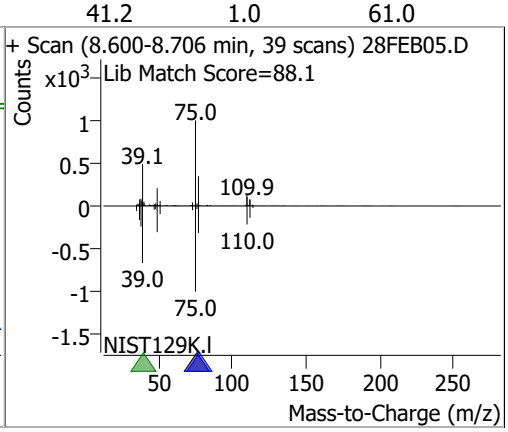




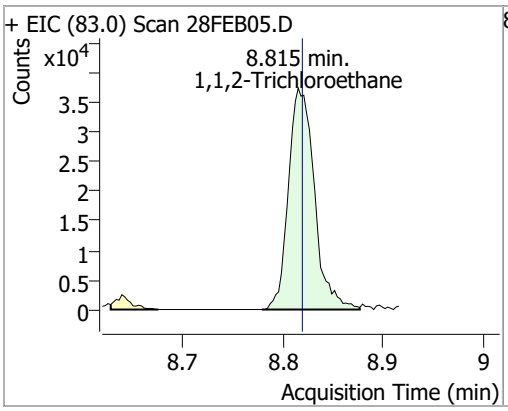
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	127.4484	8.64	0.00	136650	39.0	52.1	23.0	83.0
					77.0	41.2	1.0	61.0

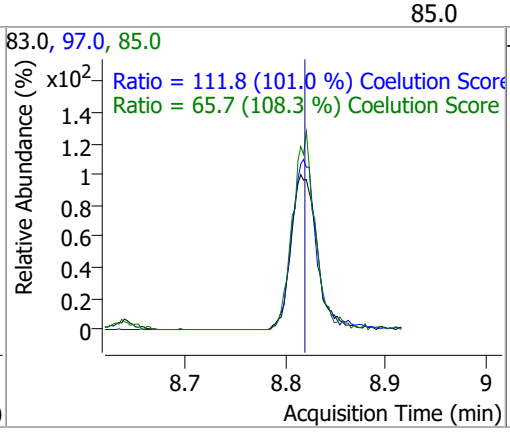


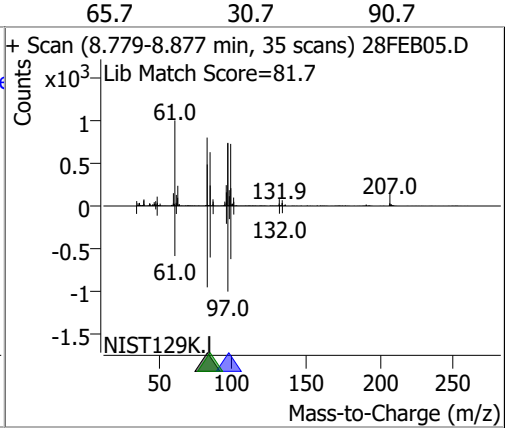




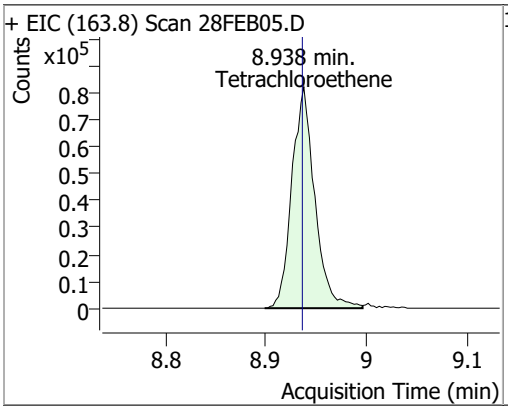
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	123.5463	8.82	0.00	67357	97.0	111.8	80.7	140.7
					85.0	65.7	30.7	90.7

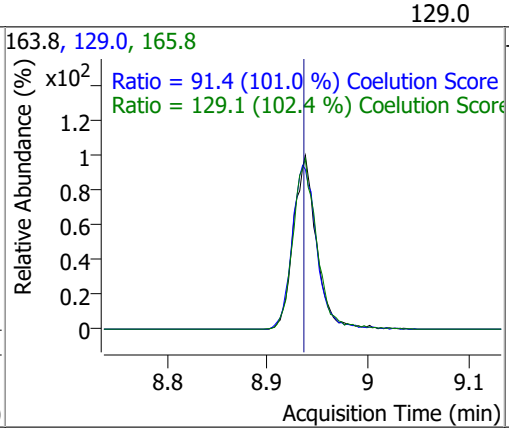


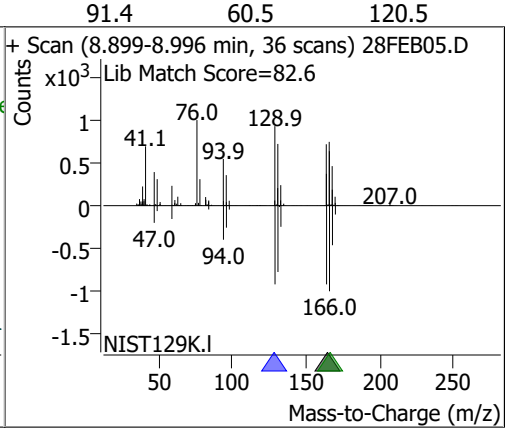




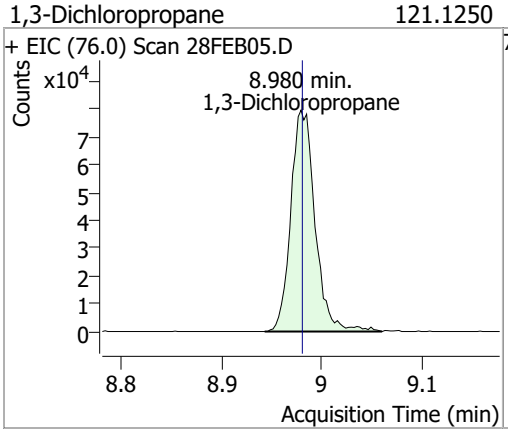
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	115.3138	8.94	0.00	130563	165.8	129.1	96.1	156.1
					129.0	91.4	60.5	120.5

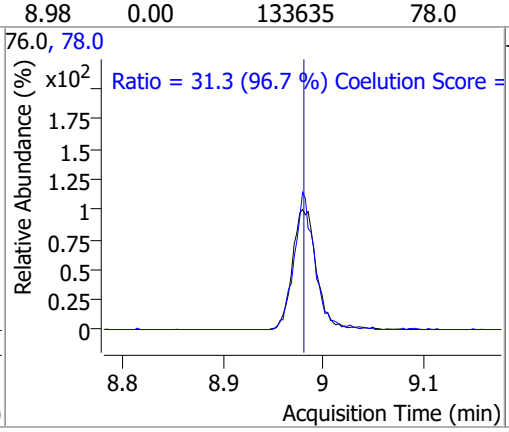


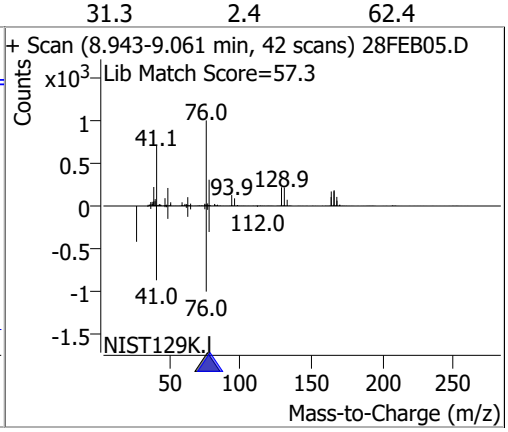




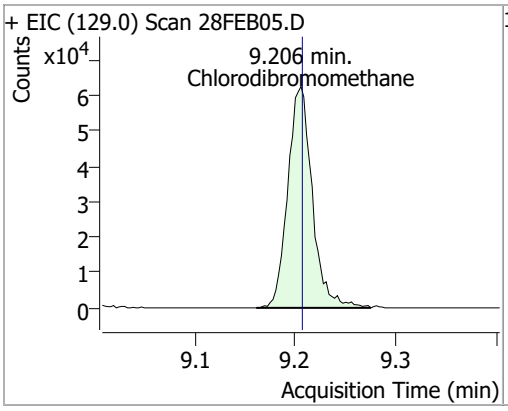
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	121.1250	8.98	0.00	133635	78.0	31.3	2.4	62.4

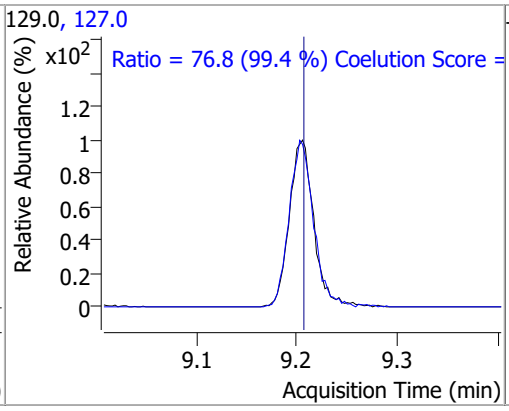


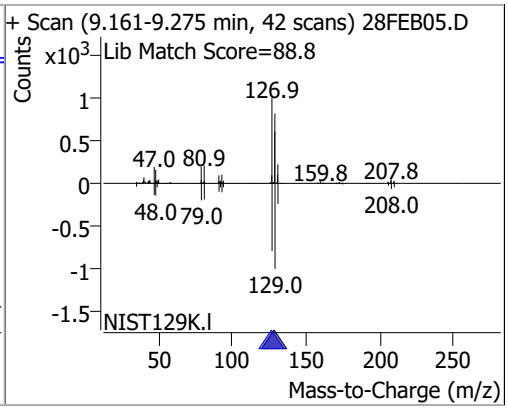




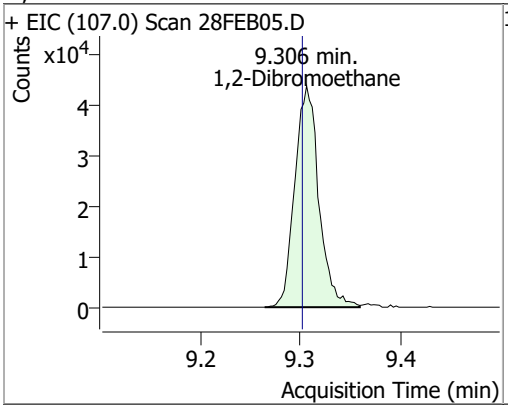
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	120.7384	9.21	0.00	106014	127.0	76.8	47.2	107.2

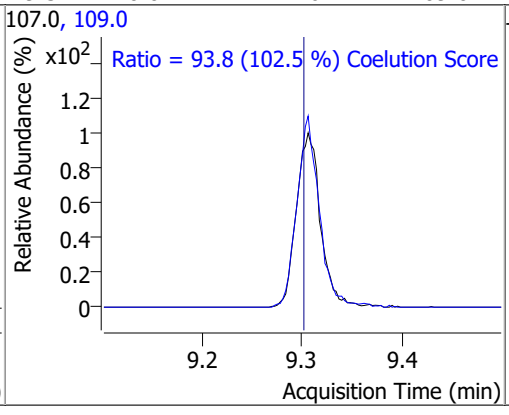


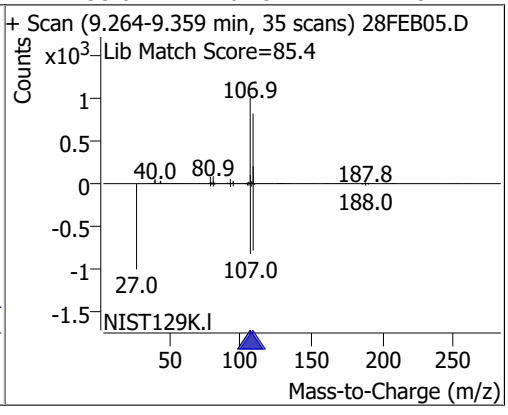




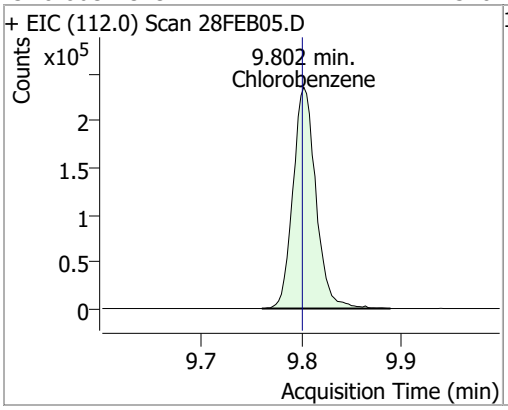
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	120.7780	9.31	0.01	72726	109.0	93.8	61.5	121.5

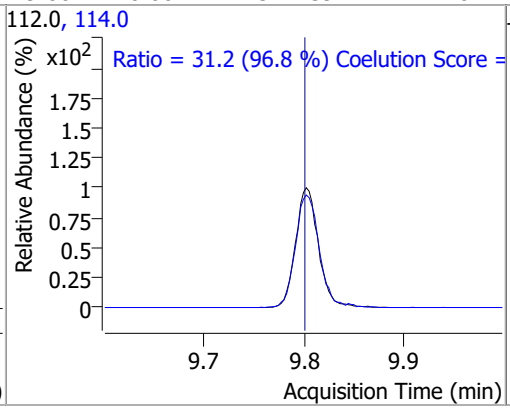


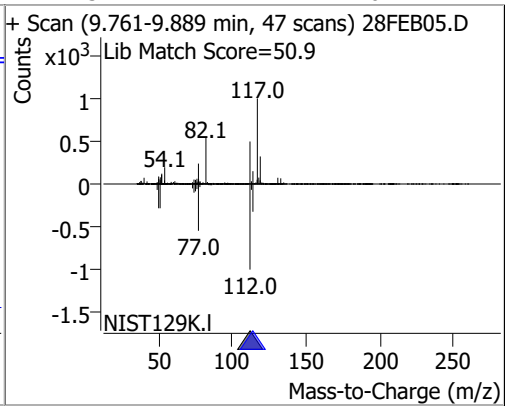




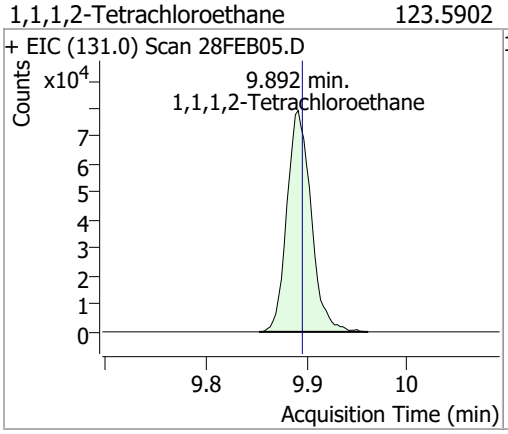
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	122.2320	9.80	0.00	374139	114.0	31.2	2.2	62.2

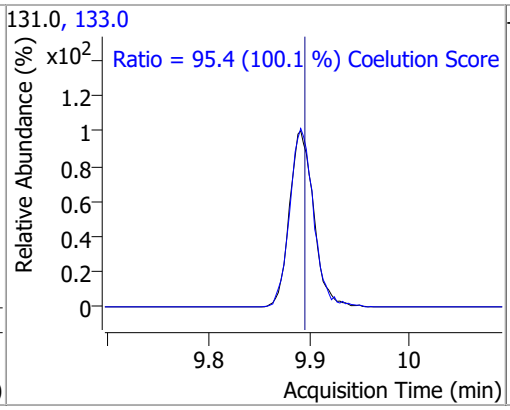


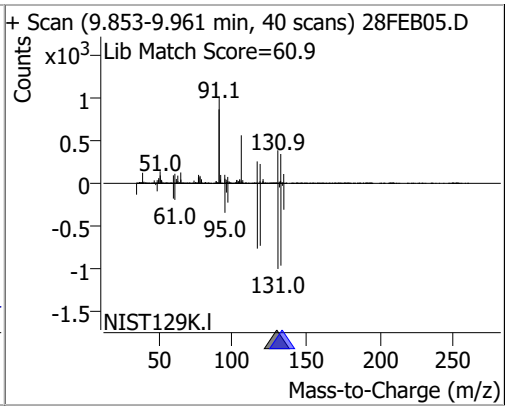




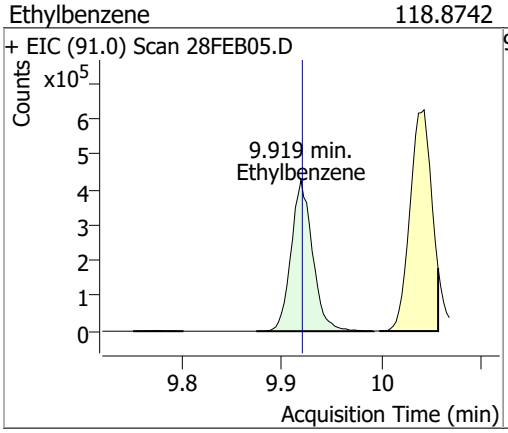
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	123.5902	9.89	0.00	132731	133.0	95.4	65.3	125.3

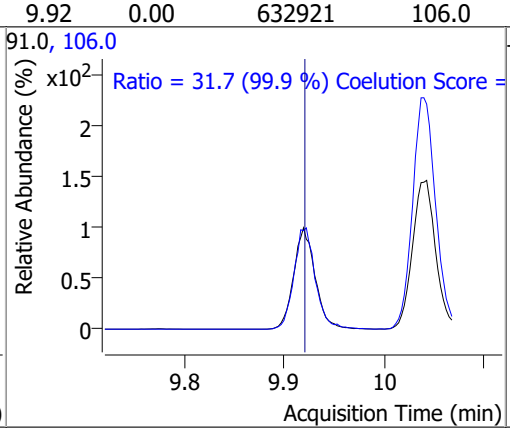


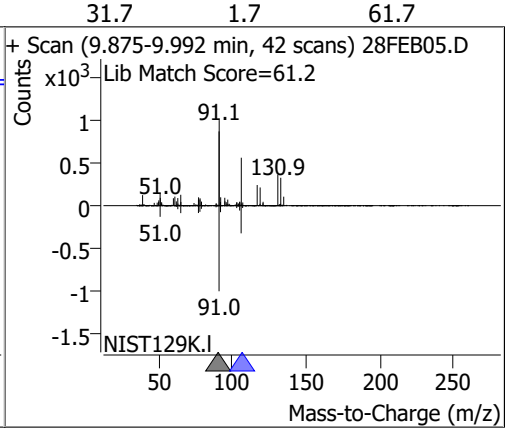




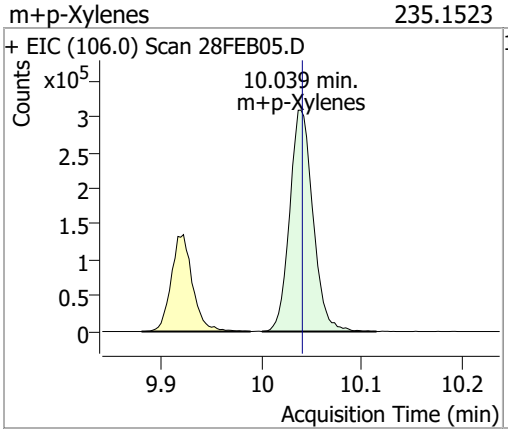
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	118.8742	9.92	0.00	632921	106.0	31.7	1.7	61.7

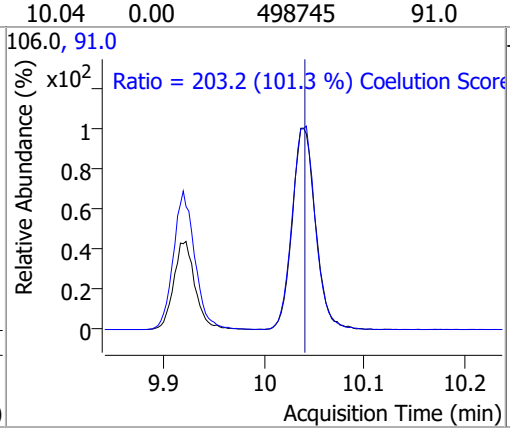


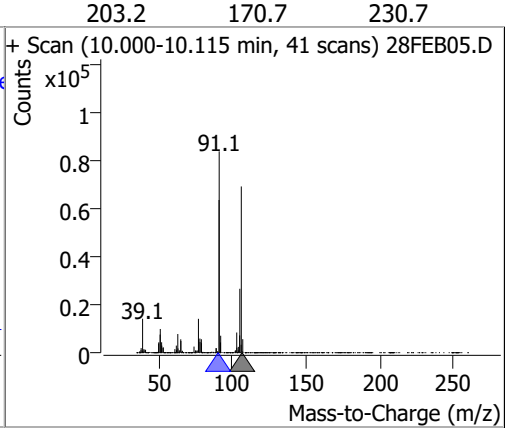




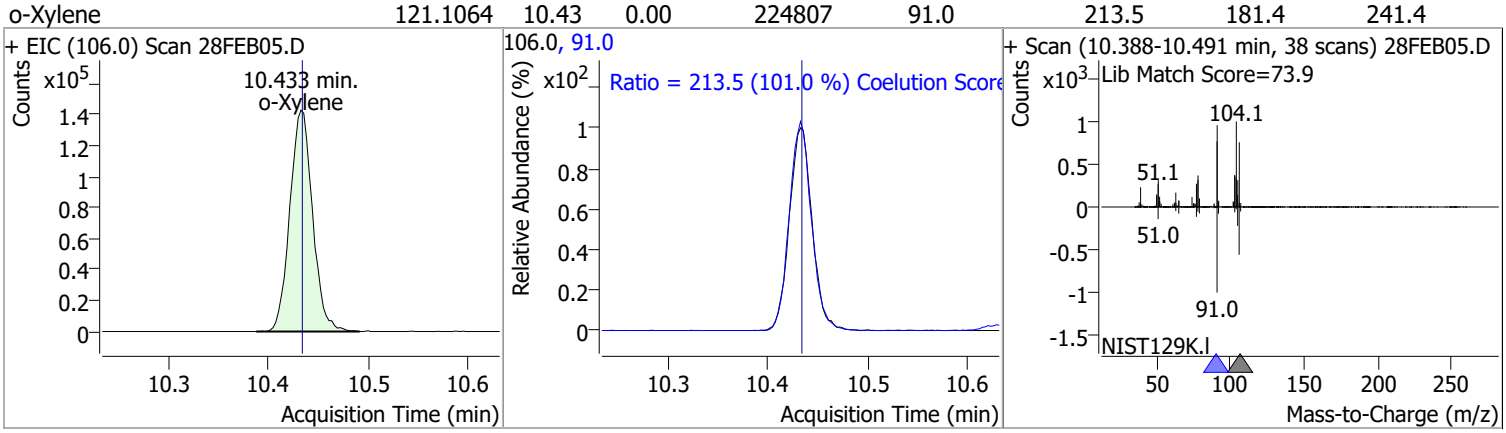
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	235.1523	10.04	0.00	498745	91.0	203.2	170.7	230.7



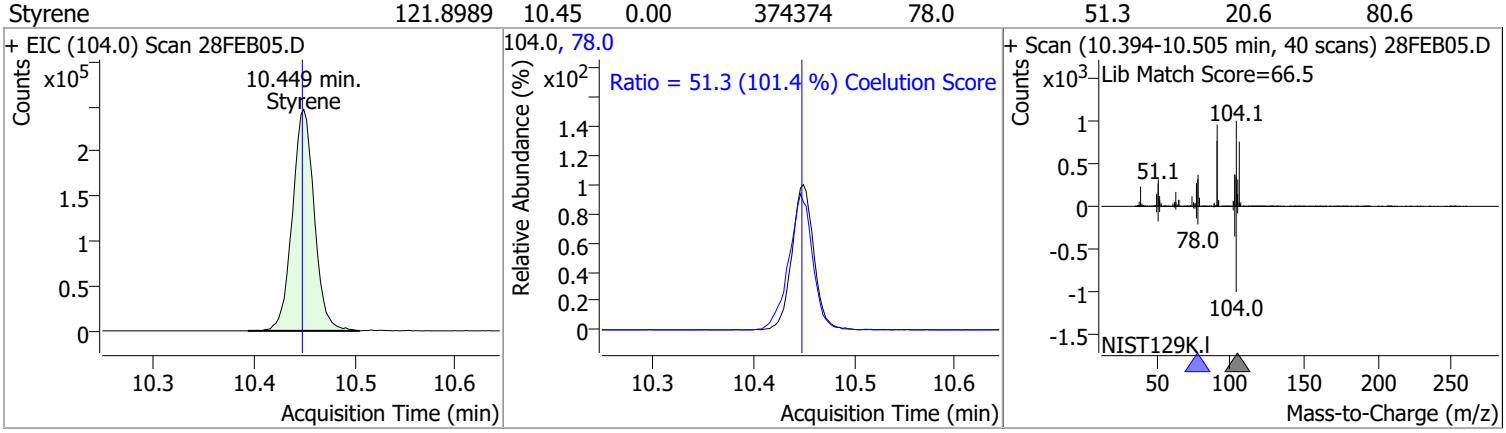




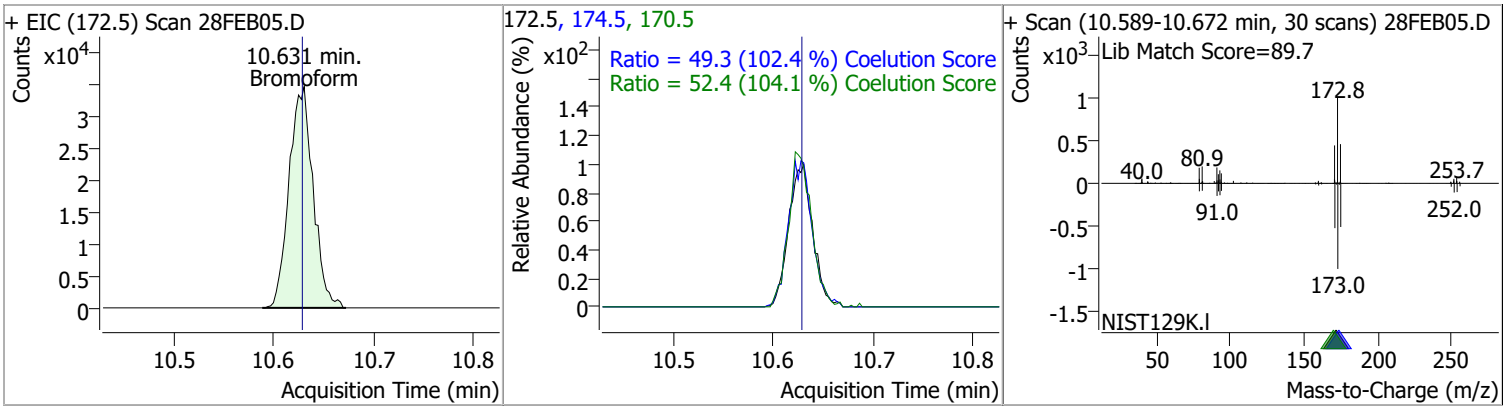
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	121.1064	10.43	0.00	224807	91.0	213.5	181.4	241.4



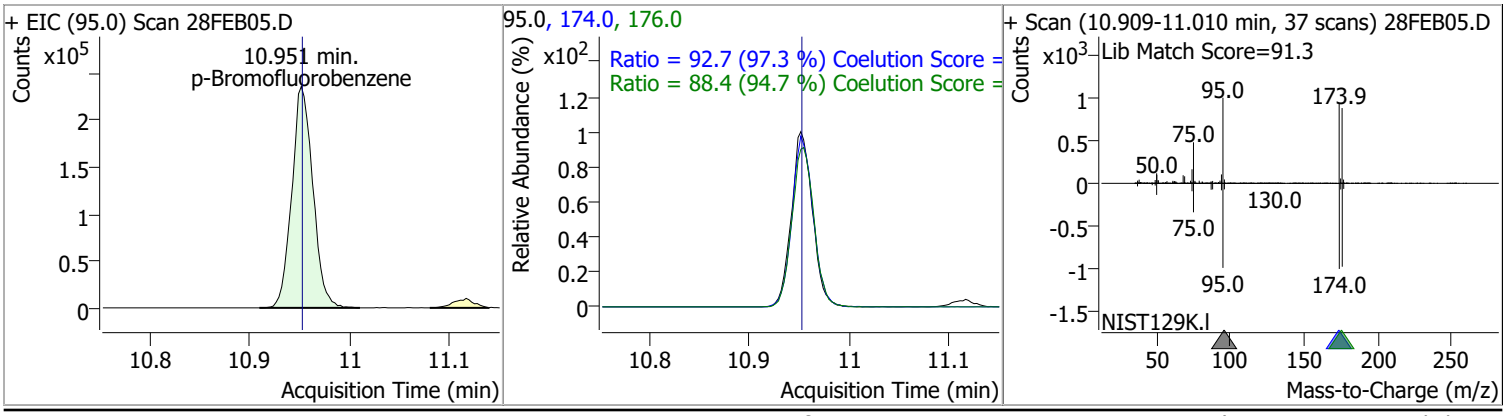
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	121.8989	10.45	0.00	374374	78.0	51.3	20.6	80.6



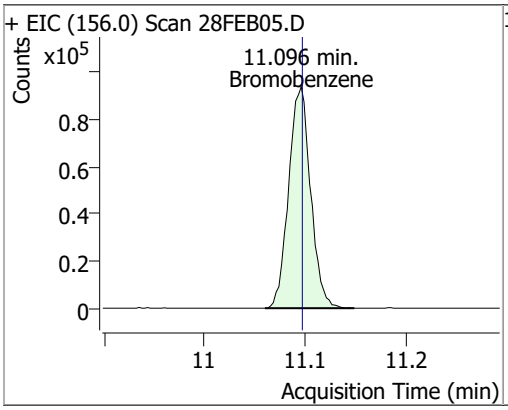
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	121.3297	10.63	0.01	57579	170.5	52.4	20.3	80.3
					174.5	49.3	18.1	78.1

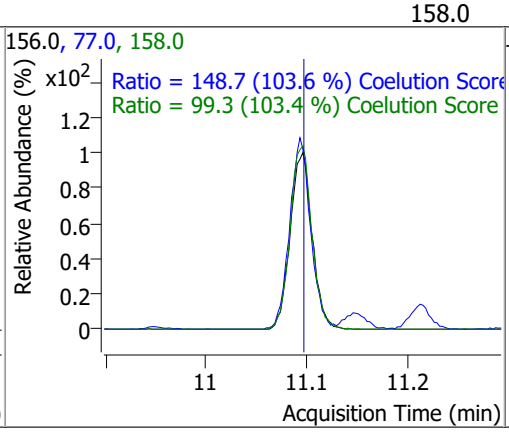


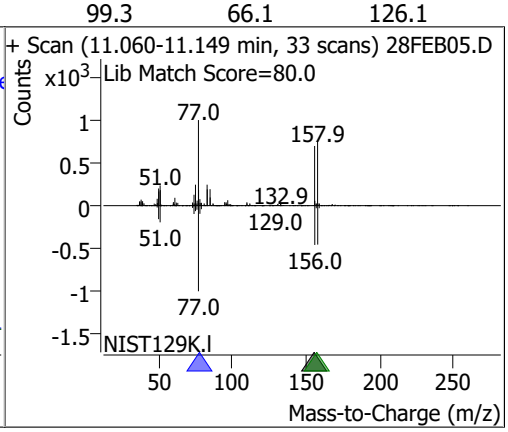
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.7910	10.95	0.00	344942	174.0	92.7	65.3	125.3
					176.0	88.4	63.3	123.3



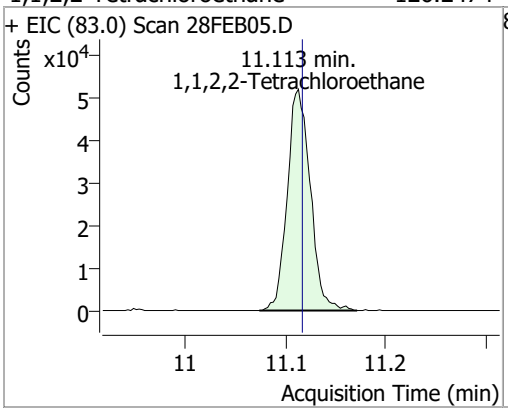
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	123.6190	11.10	0.00	142552	77.0	148.7	113.5	173.5
					158.0	99.3	66.1	126.1

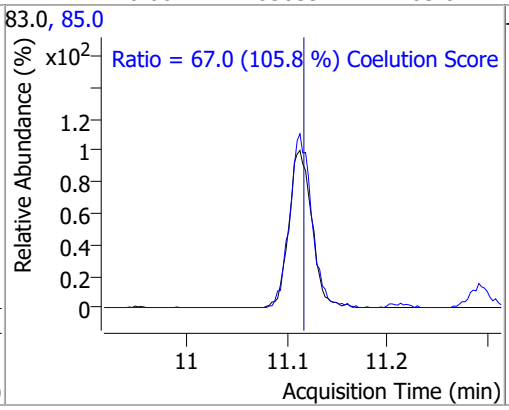


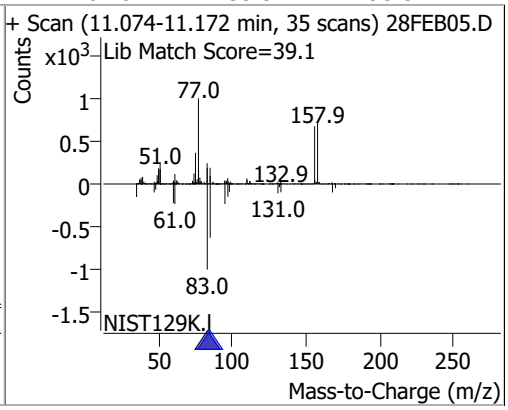




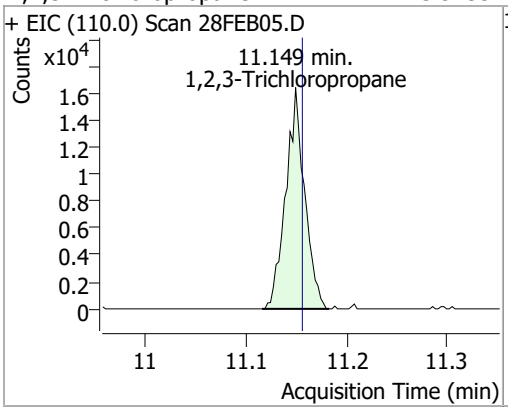
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	126.2474	11.11	0.00	83039	85.0	67.0	33.3	93.3

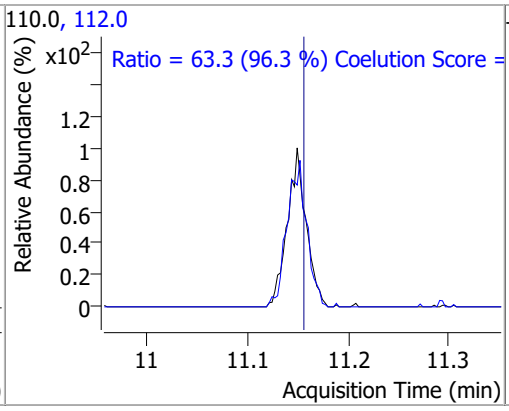


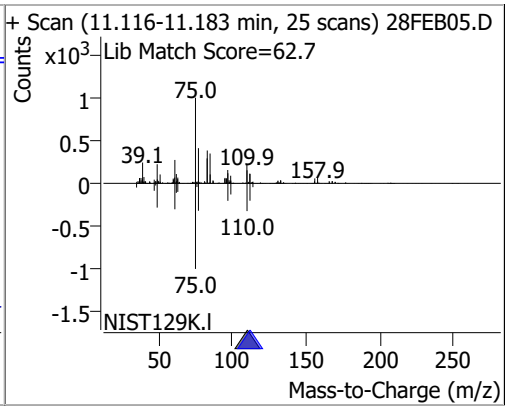




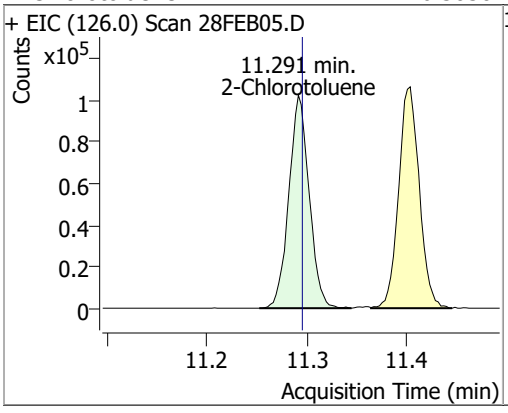
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	123.9199	11.15	0.00	21415	112.0	63.3	35.8	95.8

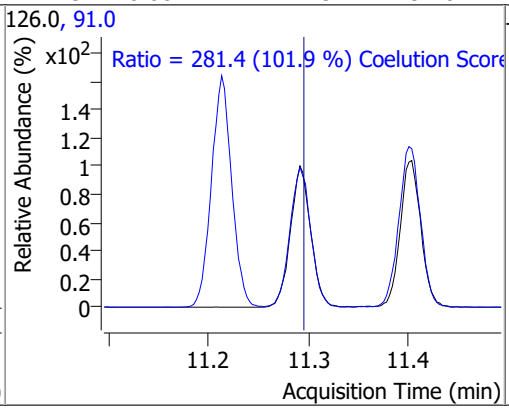


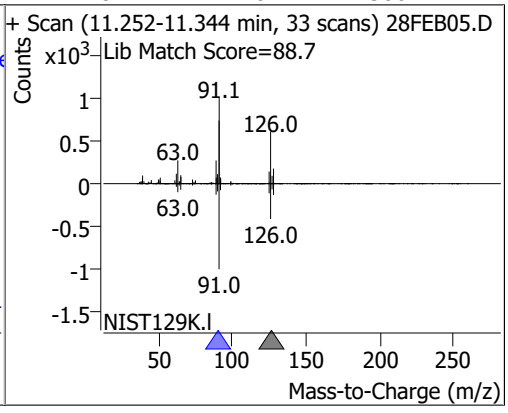




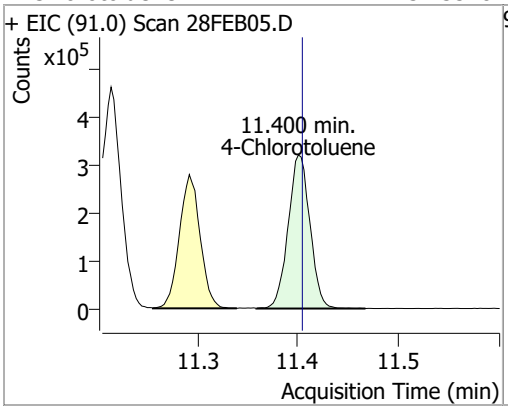
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	126.3030	11.29	0.00	144149	91.0	281.4	246.2	306.2

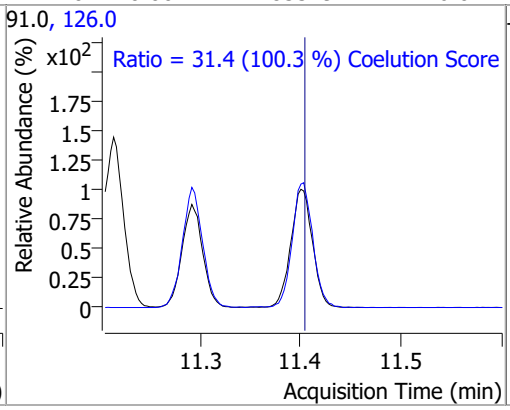


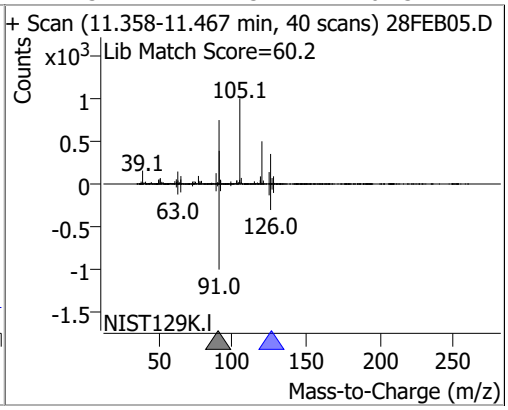




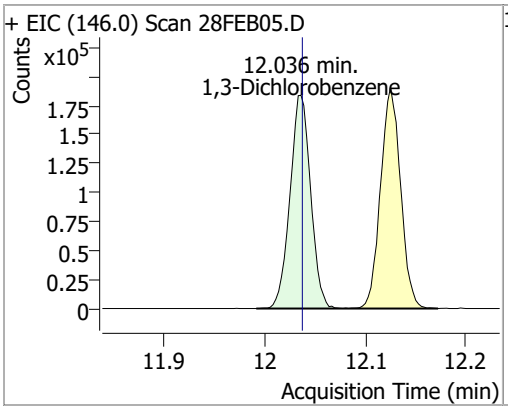
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	131.3518	11.40	0.00	485549	126.0	31.4	1.3	61.3

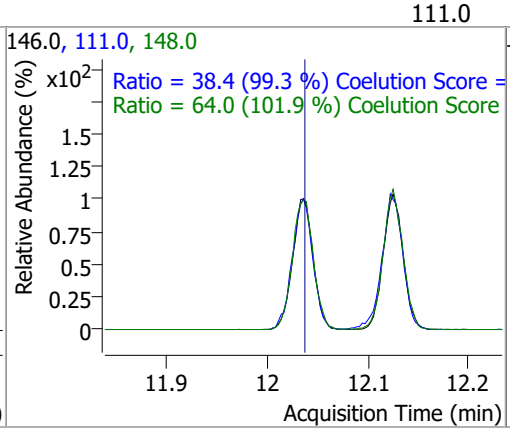


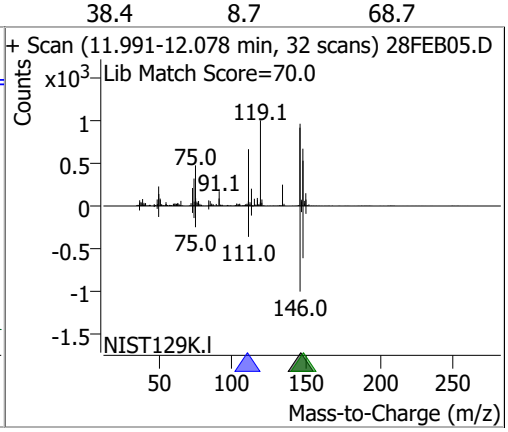




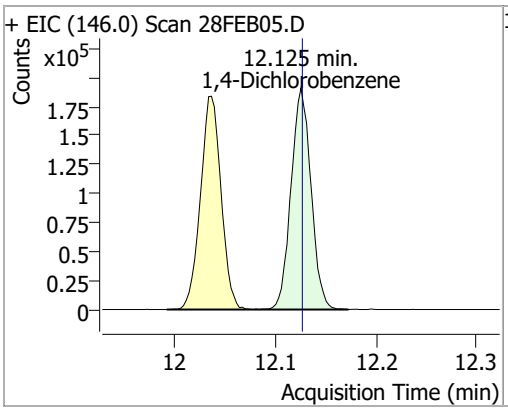
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	125.6131	12.04	0.00	262443	148.0	64.0	32.8	92.8
					111.0	38.4	8.7	68.7

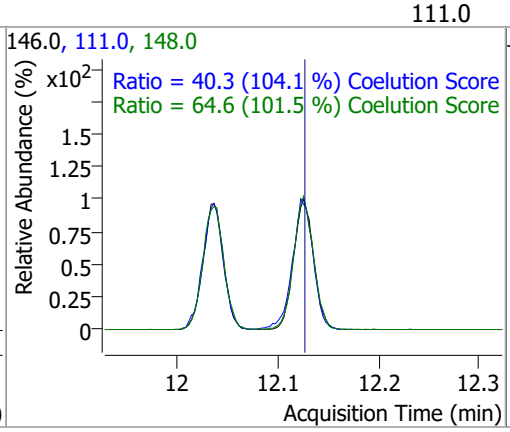


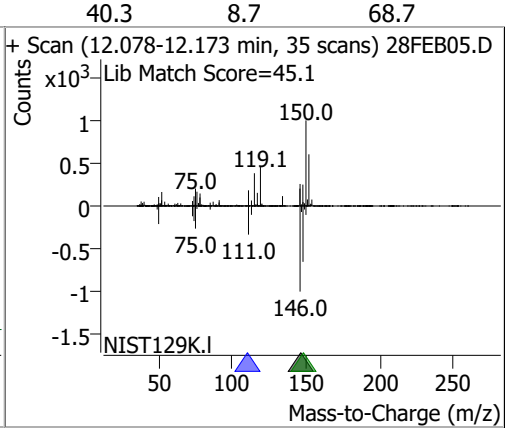




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	123.9061	12.13	0.00	263920	148.0	64.6	33.7	93.7
					111.0	40.3	8.7	68.7

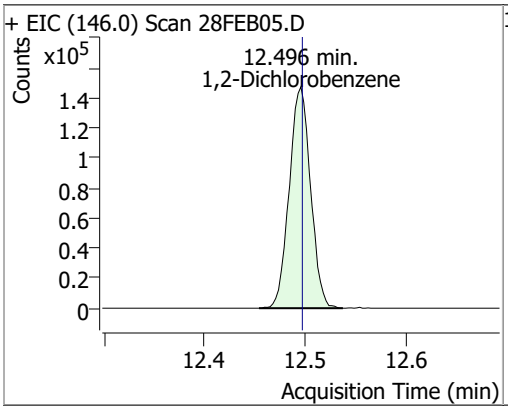


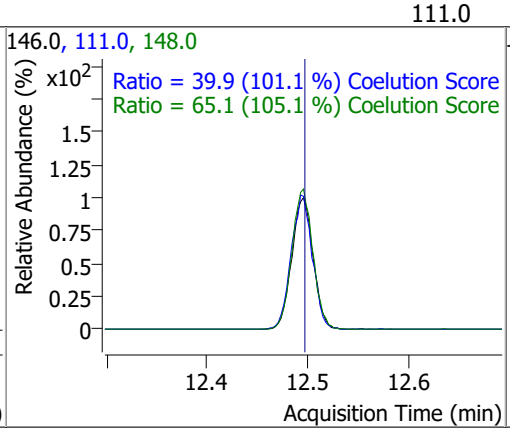


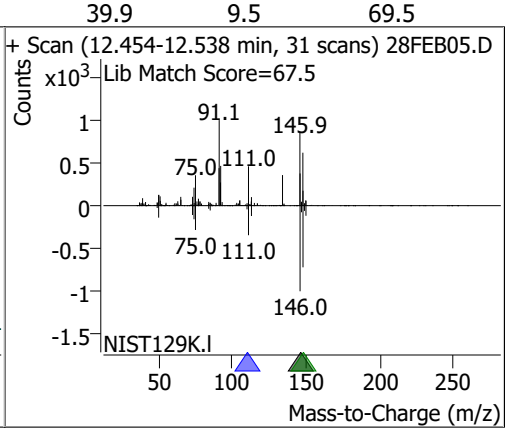


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	124.6248	12.50	0.00	217385	148.0	65.1	31.9	91.9
					111.0	39.9	9.5	69.5







Quantitation Results Report (QT Reviewed)

Data File	28FEB07.D	Operator	MSC
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Sample Name	MBLK022822_	Instrument	VOA5975C
Vial	7	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
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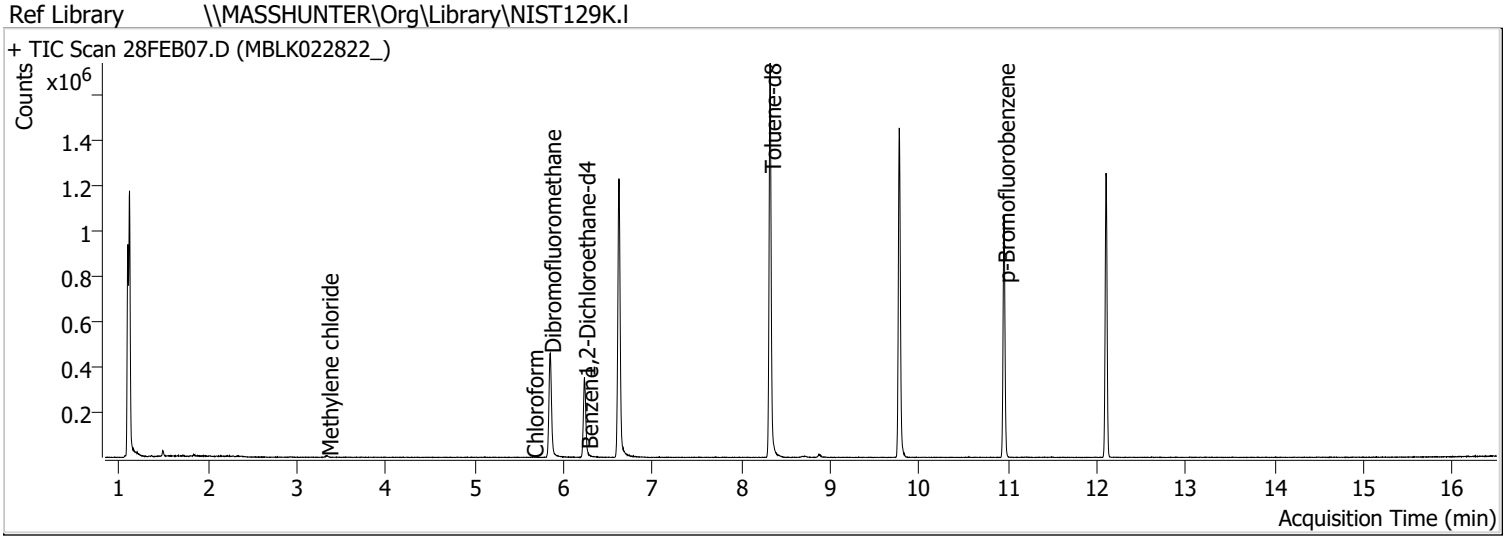
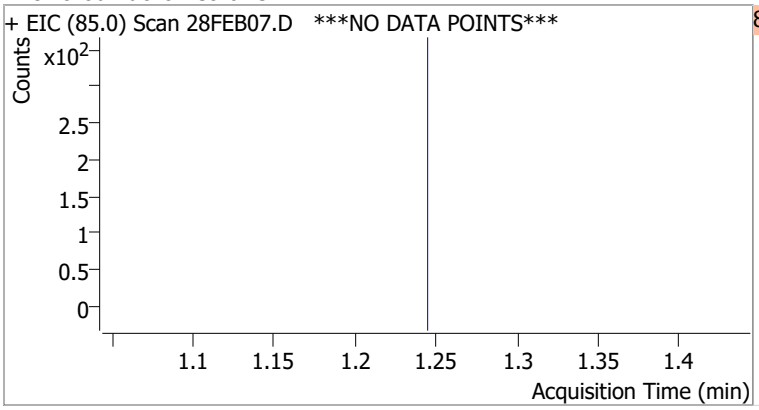


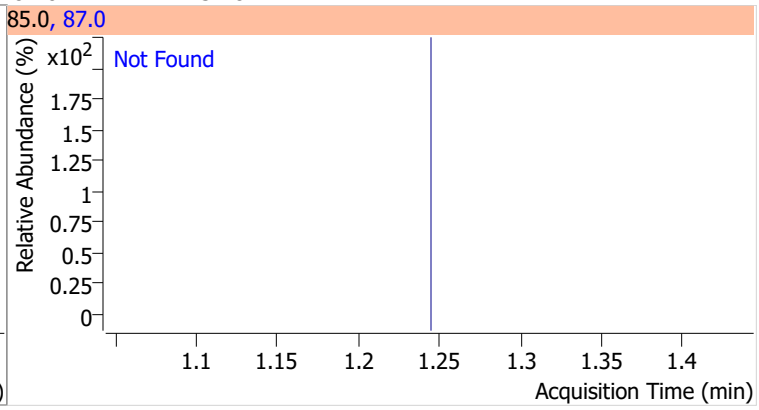
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.623	96.0	1048646	250.0000	ng		0.003
M Chlorobenzene-d5	9.774	82.0	405846	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	306541	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	284703	280.3023	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 112.12%			
S 1,2-Dichloroethane-d4	6.233	67.0	127102	289.6875	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 115.87%			
S Toluene-d8	8.321	98.0	1064477	268.8468	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.54%			
S p-Bromofluorobenzene	10.951	95.0	298016	263.3067	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.32%			
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	3.344	49.0	5268	3.4366	ng		95
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	355	0.1745	ng	m	82

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	6.263	78.0	404	0.0965	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	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	10.031	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.			

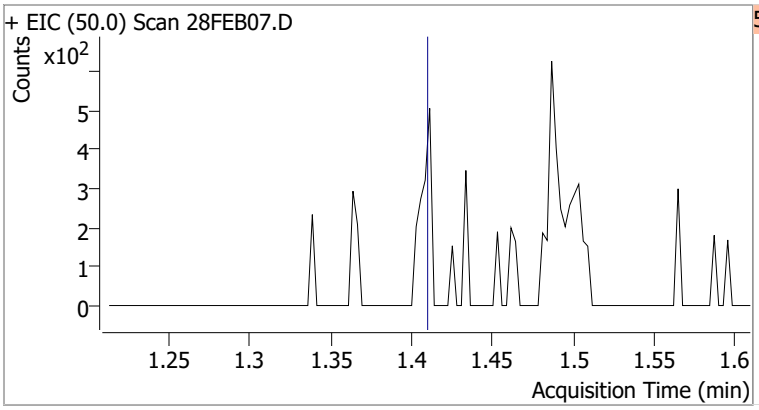
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

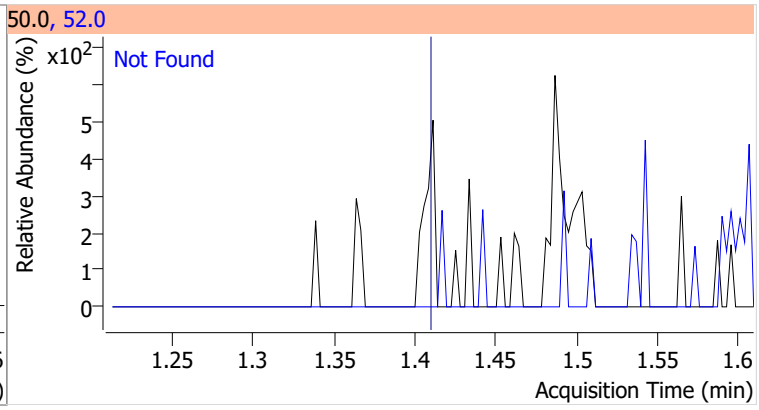
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



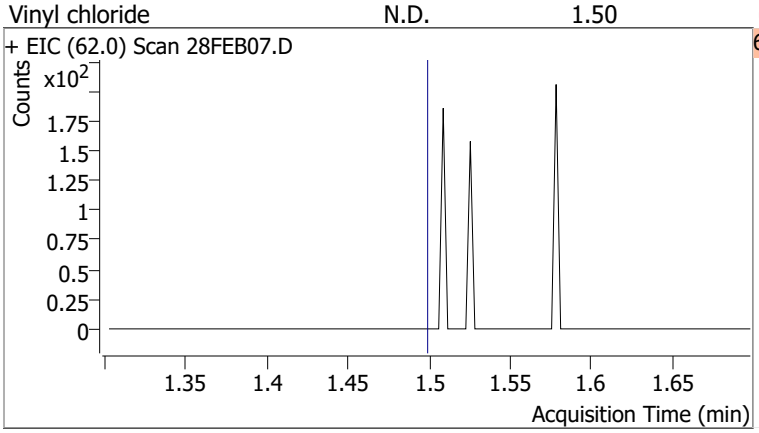


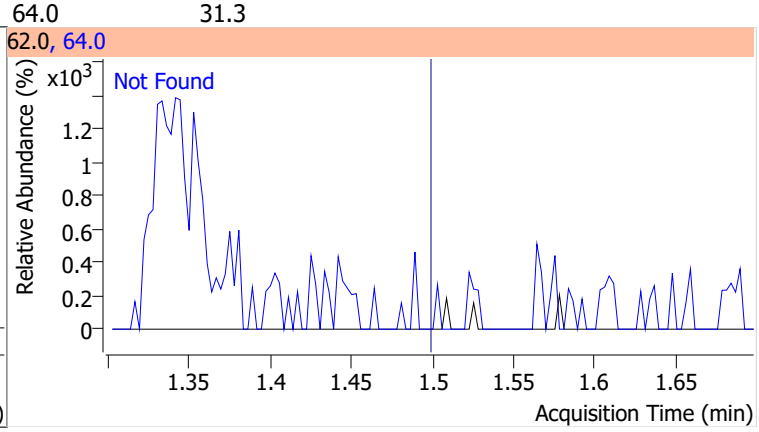
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



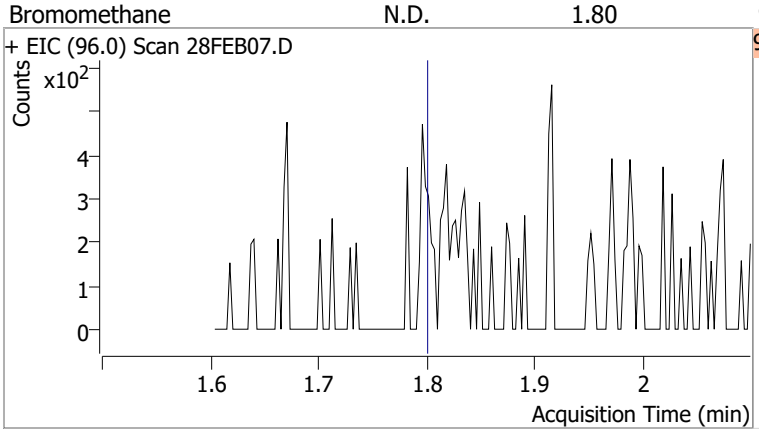


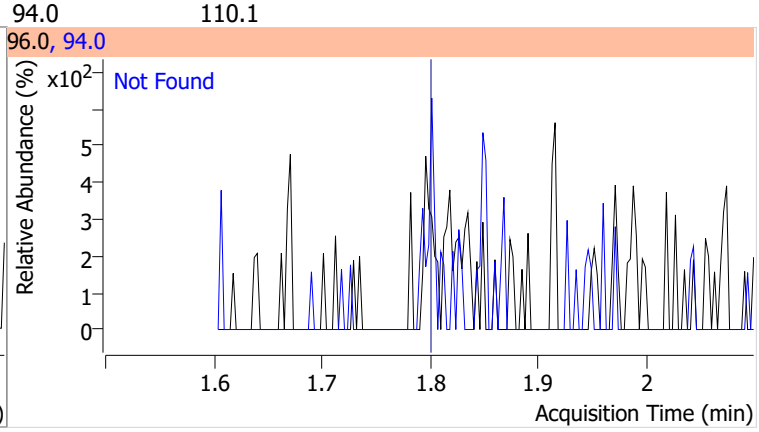
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



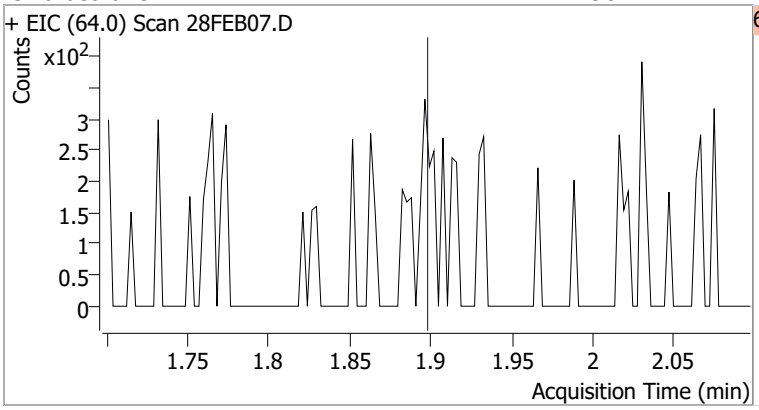


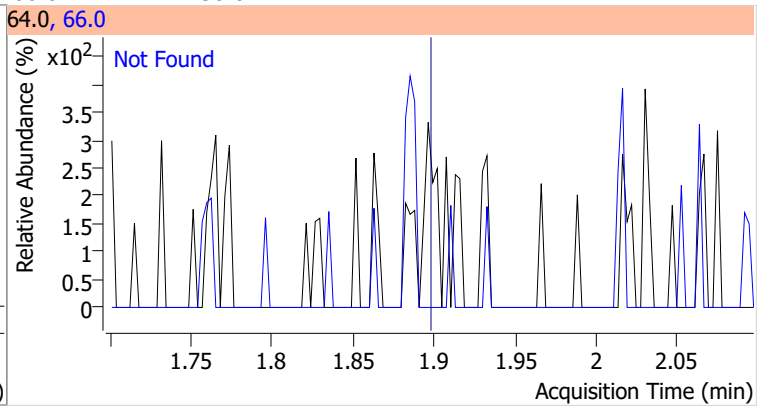
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



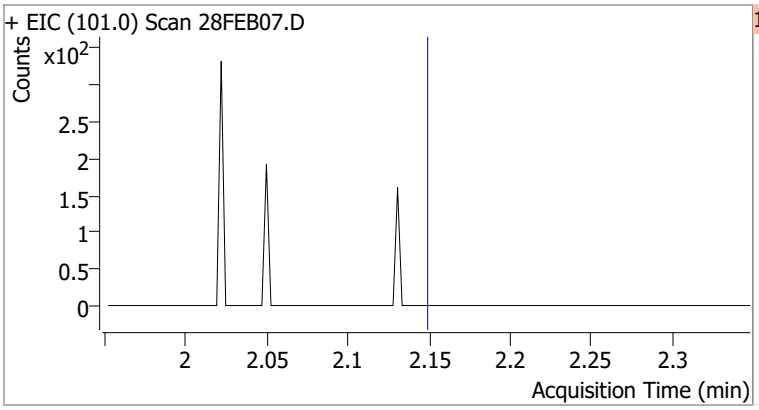


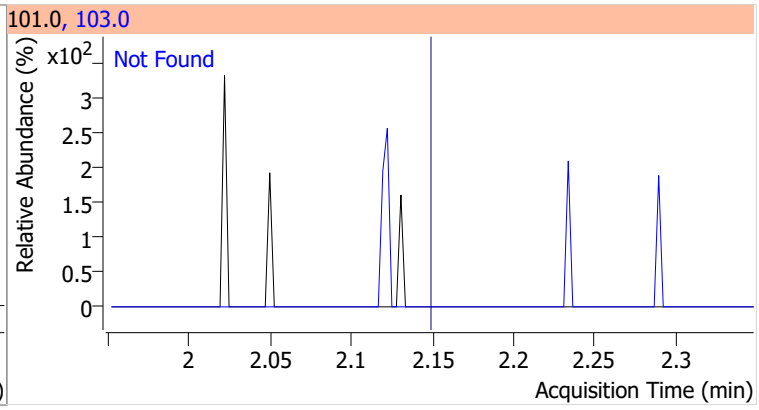
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



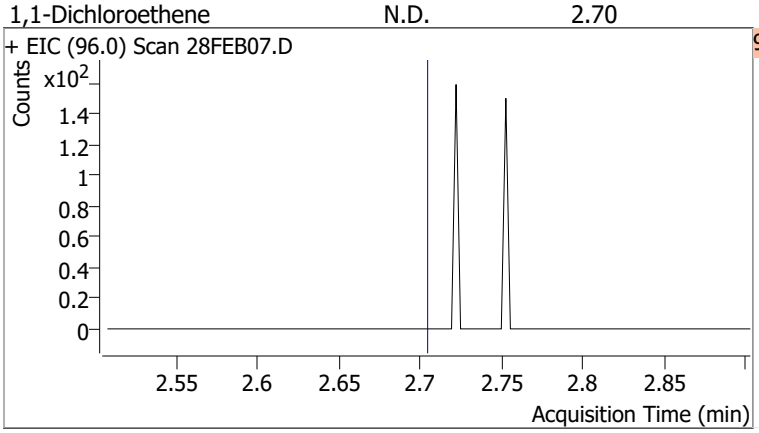


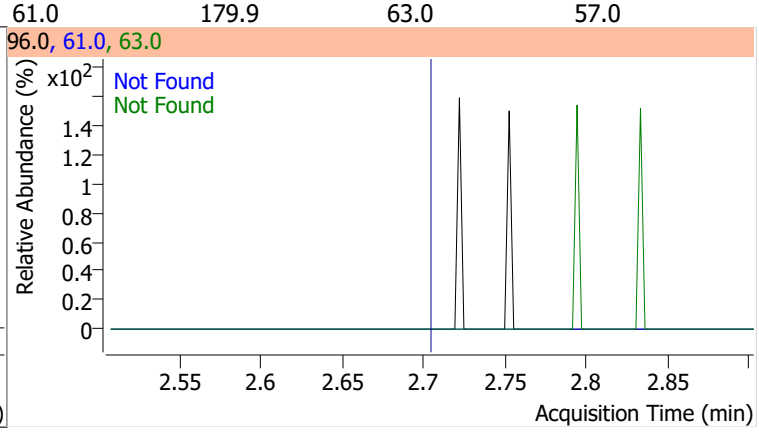
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



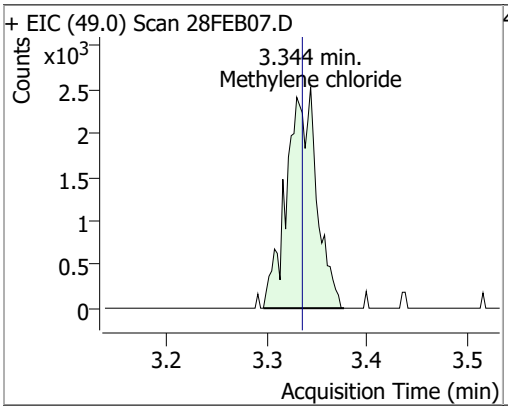


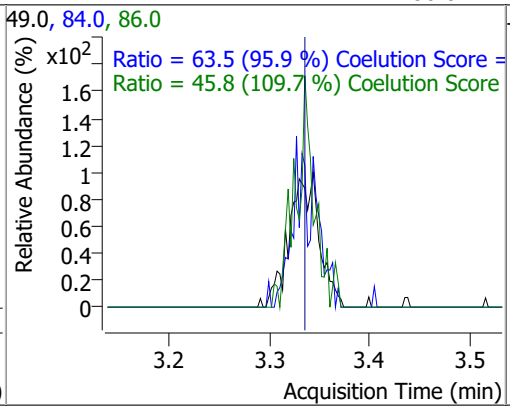
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

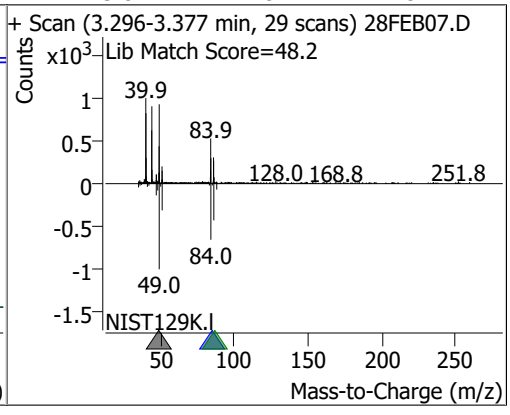




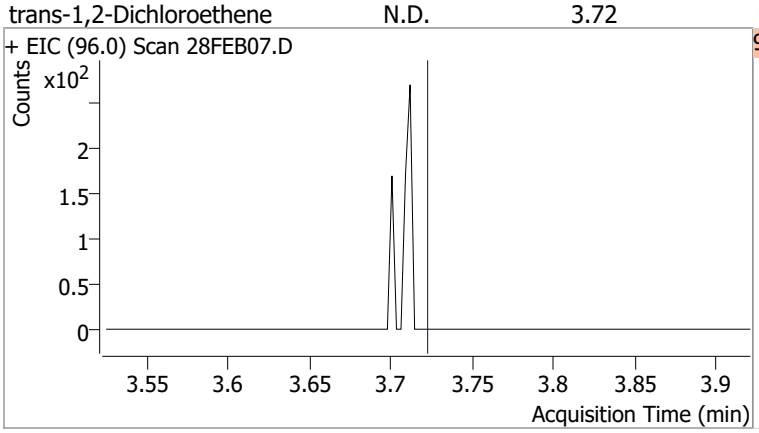
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	3.4366	3.34	0.01	5268	84.0	63.5	36.1	96.1
					86.0	45.8	11.8	71.8

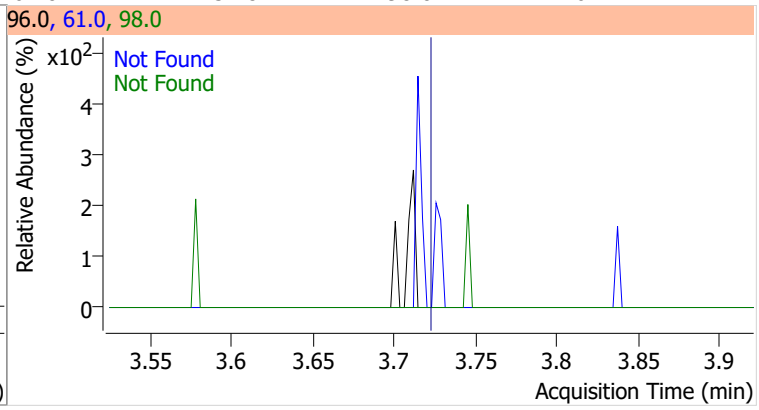




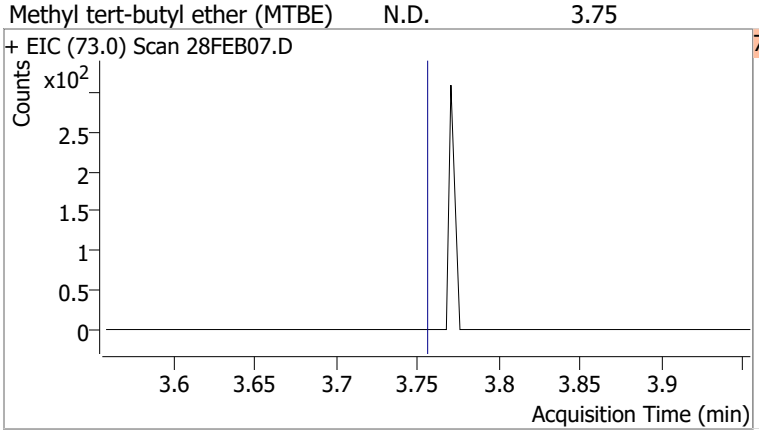


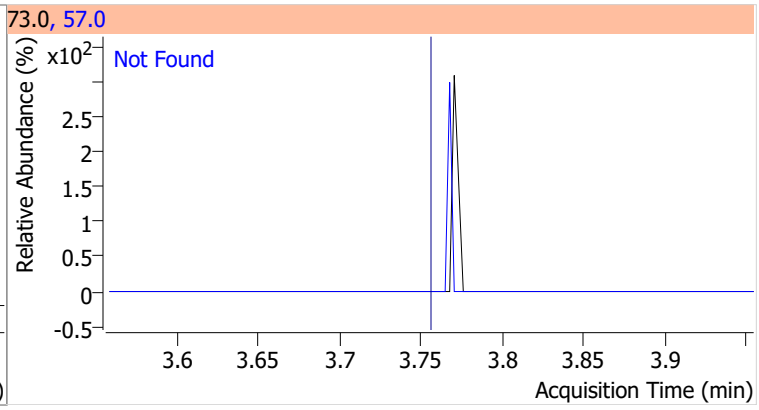
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



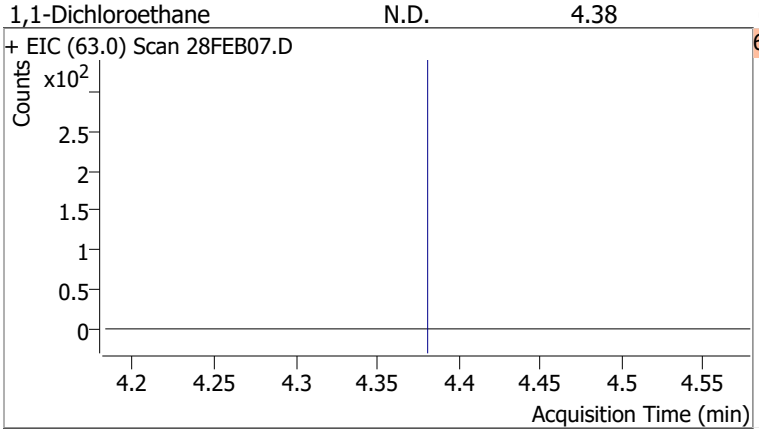


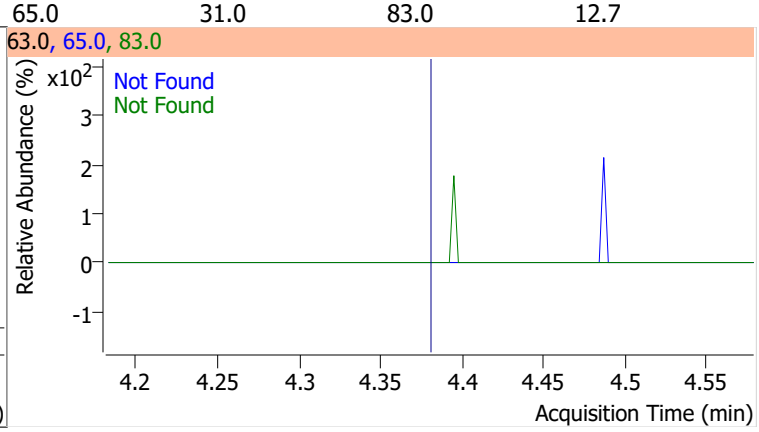
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



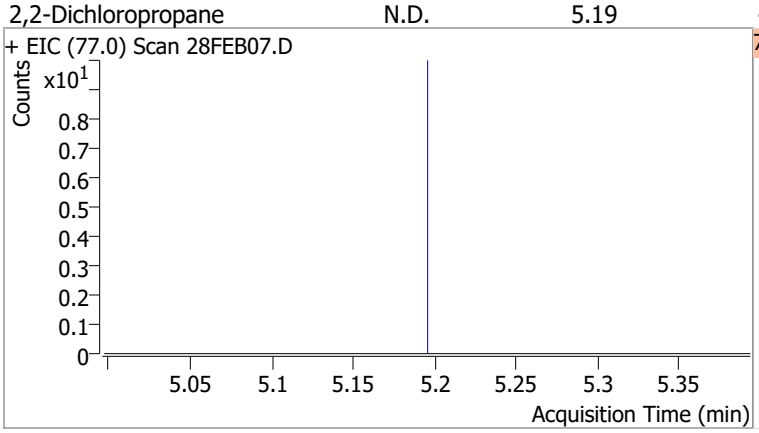


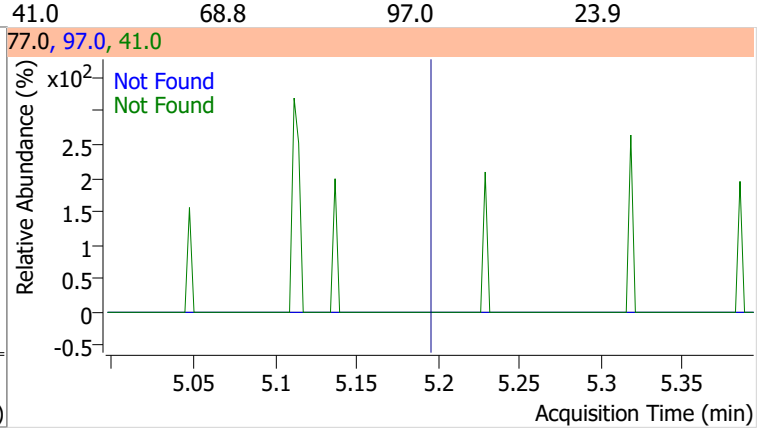
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



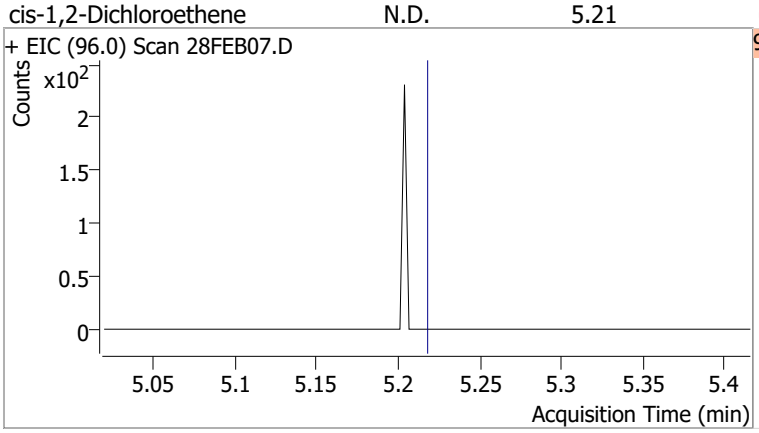


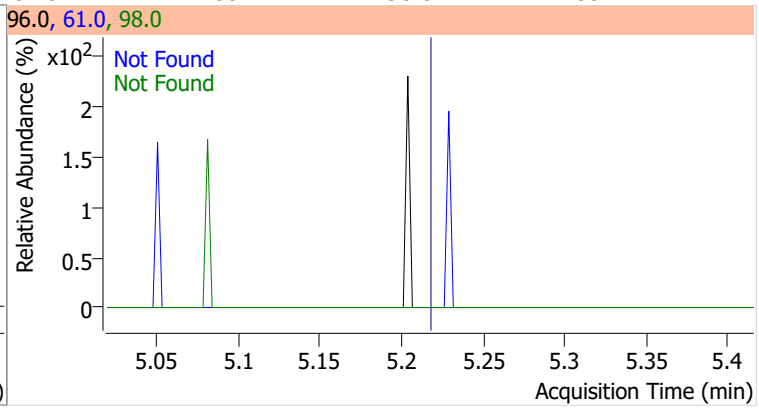
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



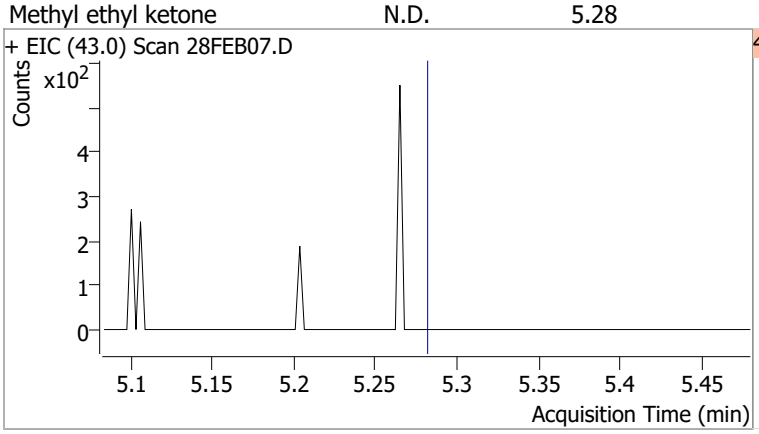


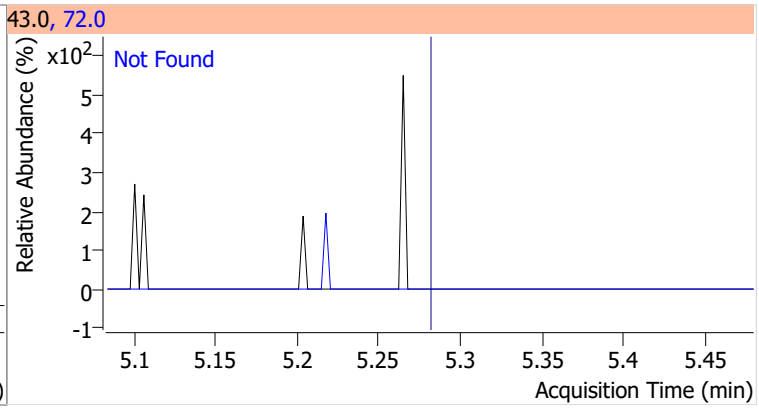
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



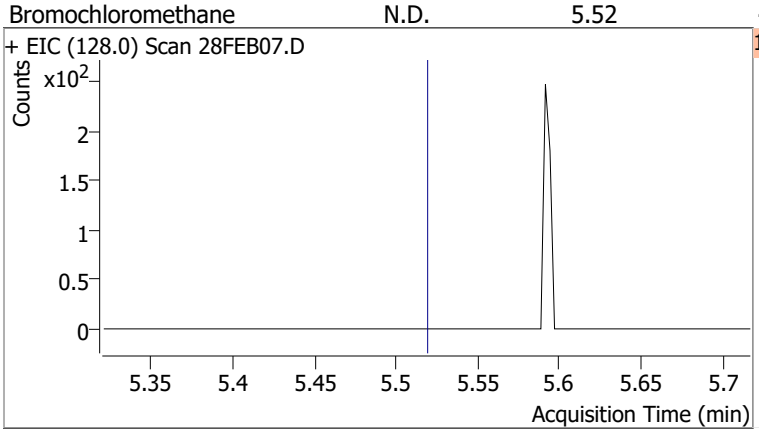


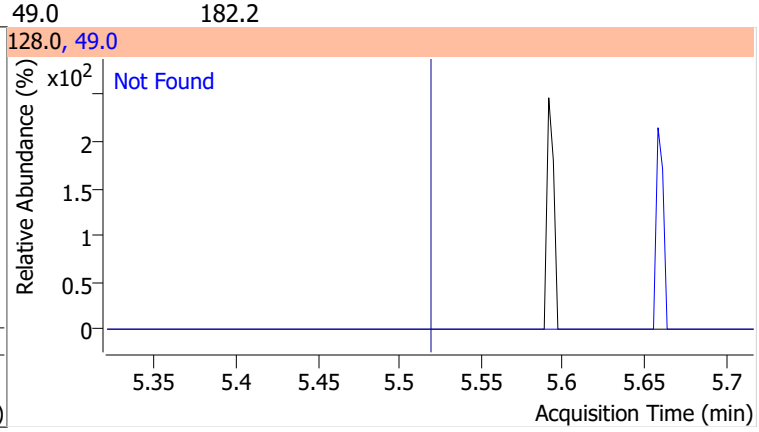
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



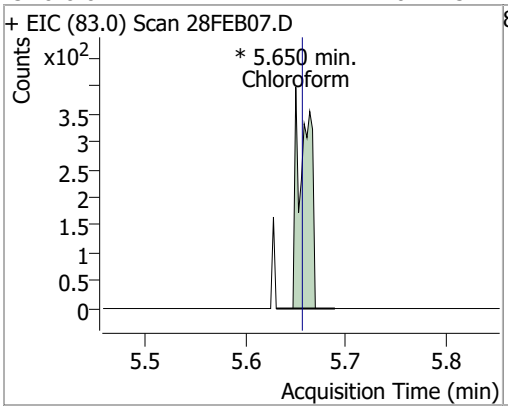


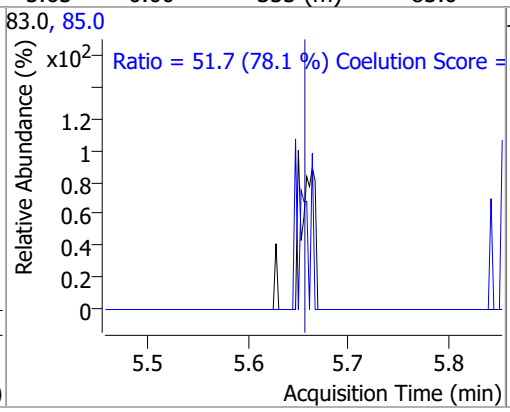
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

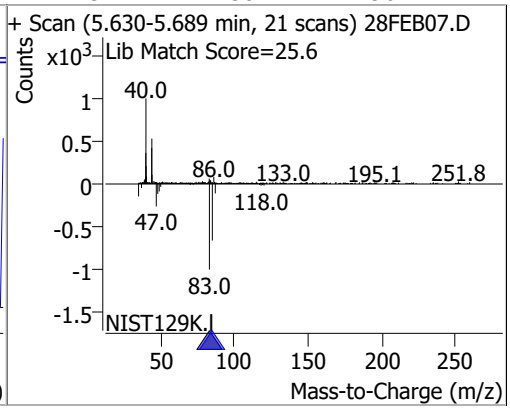




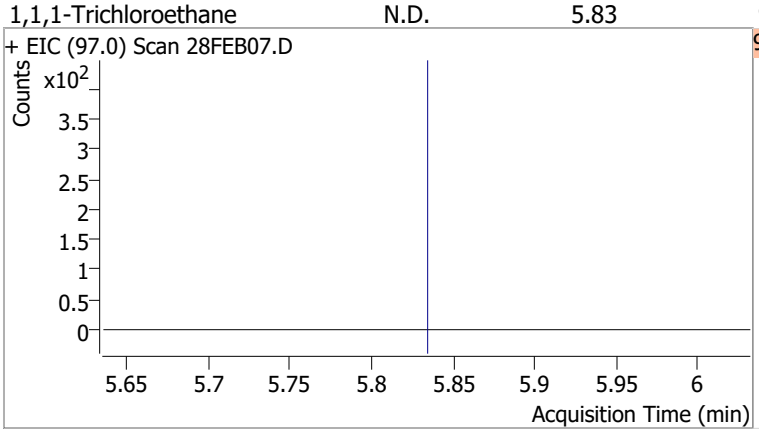
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.1745	5.65	0.00	355 (m)	85.0	51.7	36.2	96.2

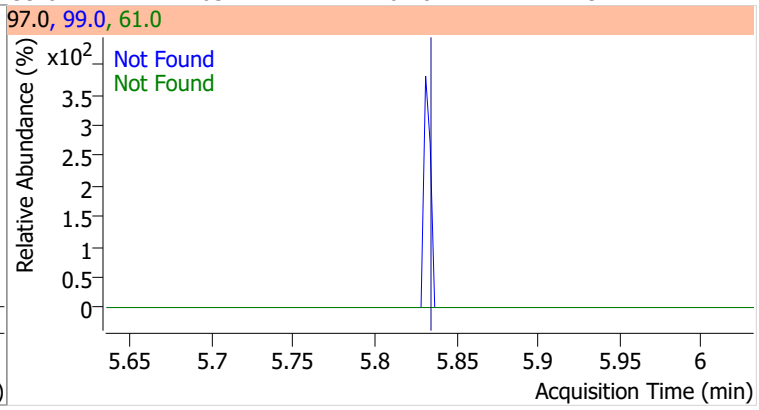




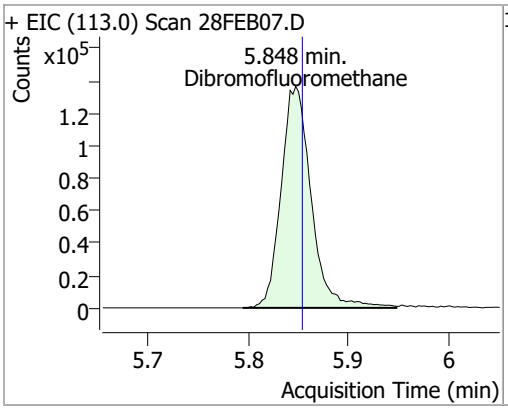


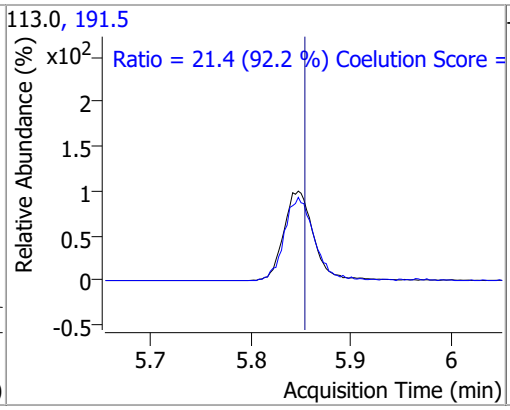
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

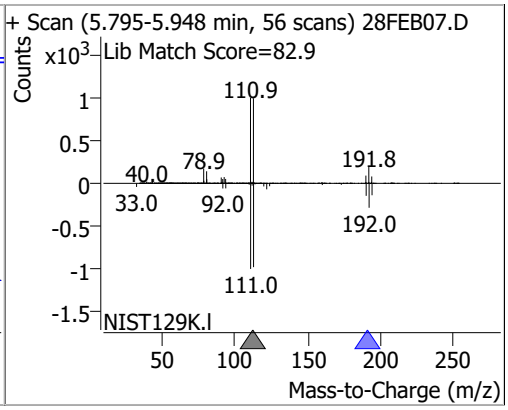




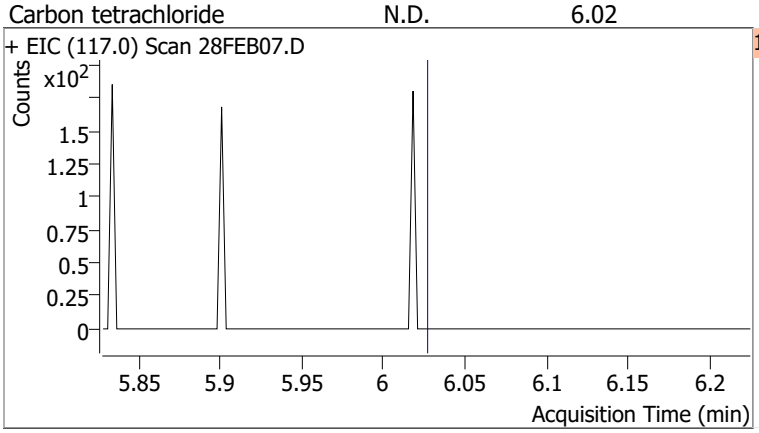
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	280.3023	5.85	0.00	284703	191.5	21.4	0.0	53.2

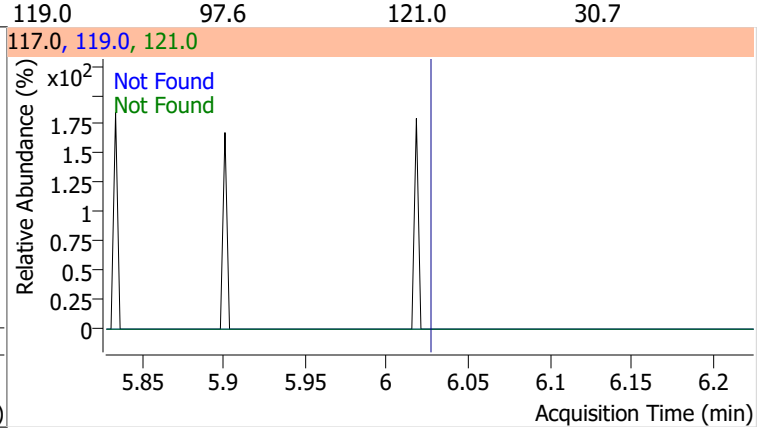




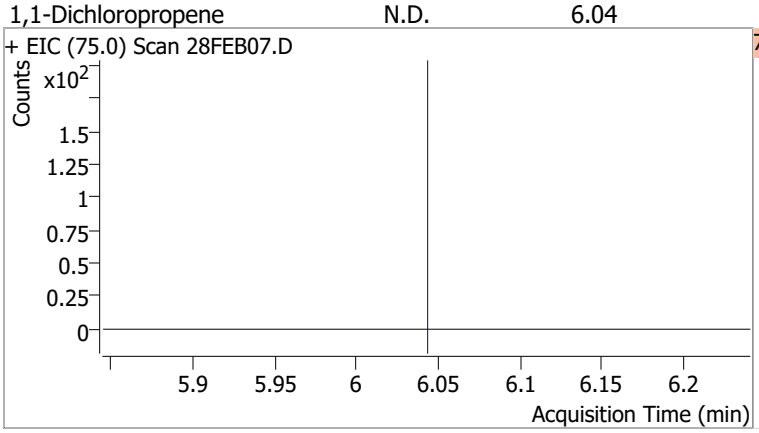


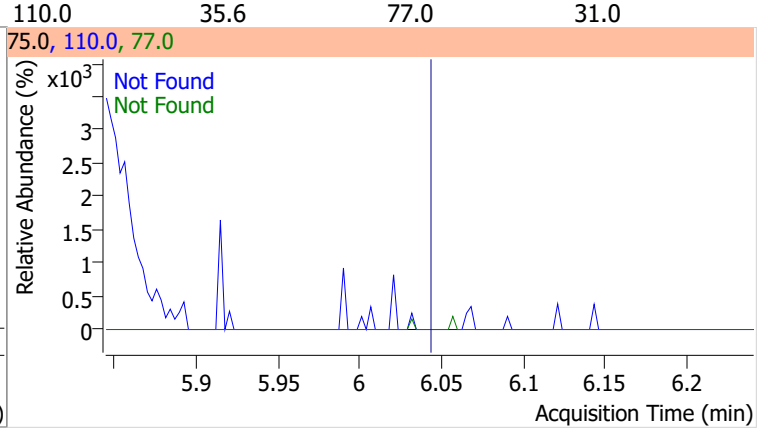
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



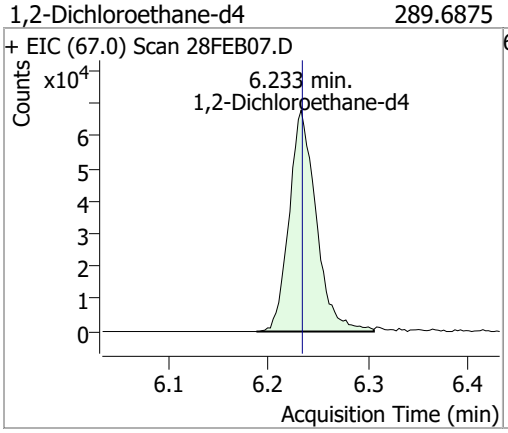


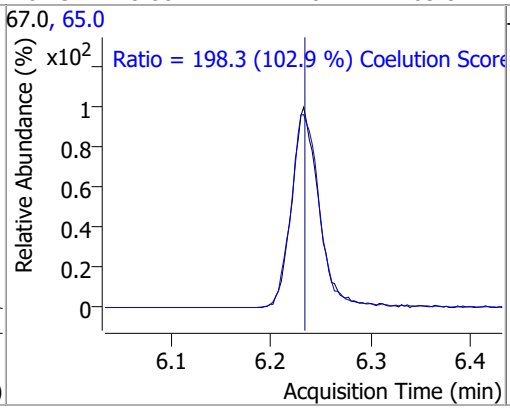
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

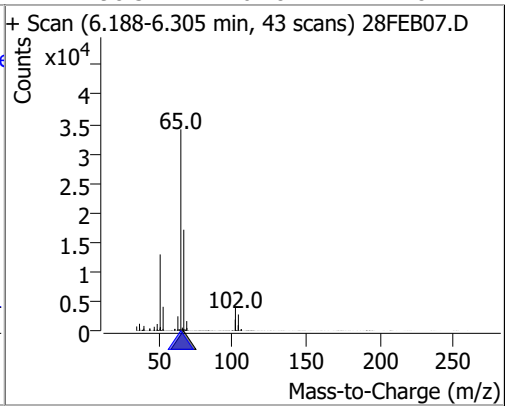




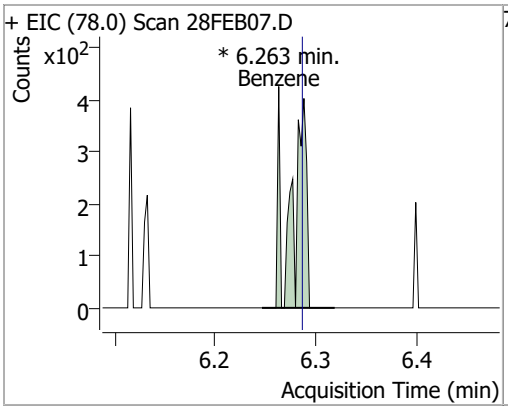
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	289.6875	6.23	0.00	127102	65.0	198.3	162.8	222.8

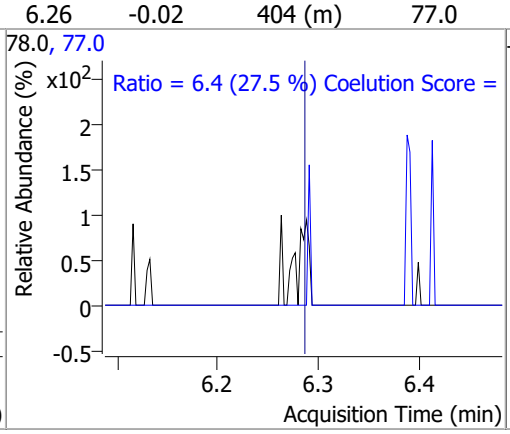


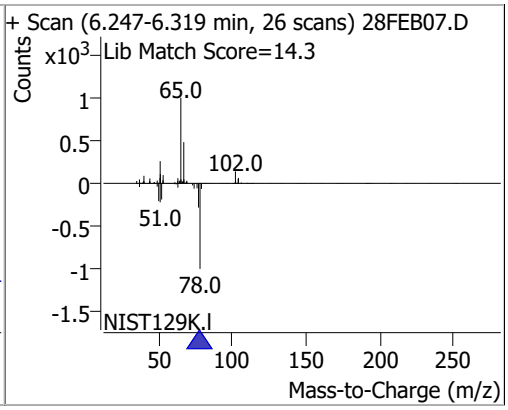




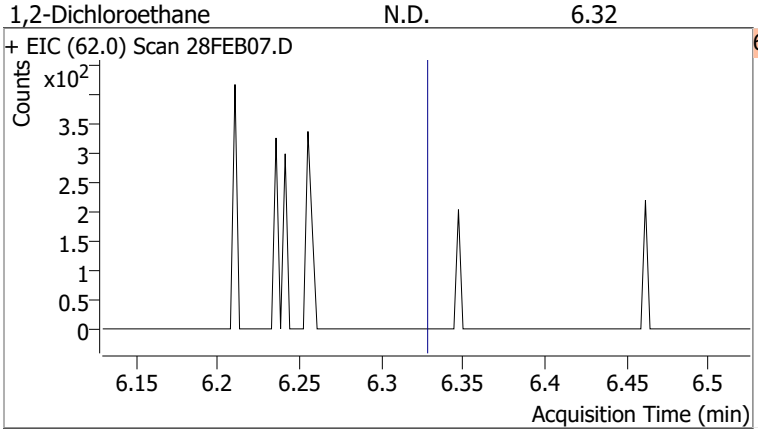
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.0965	6.26	-0.02	404 (m)	77.0	6.4	0.0	53.3

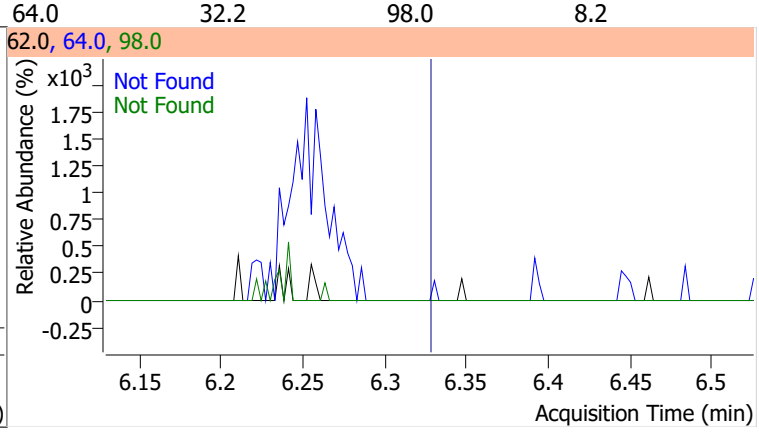




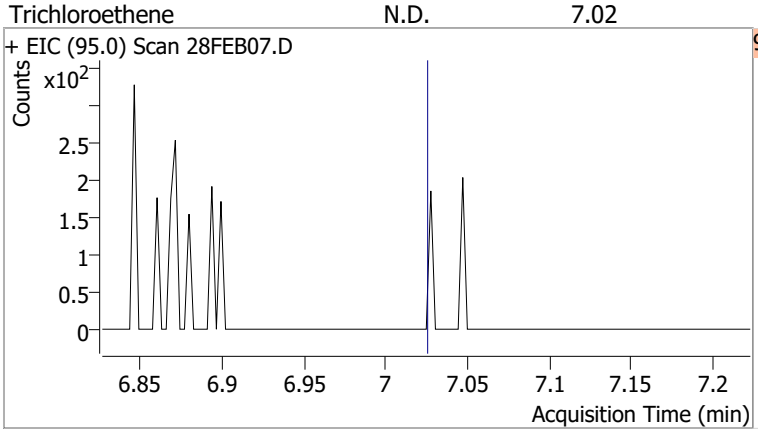


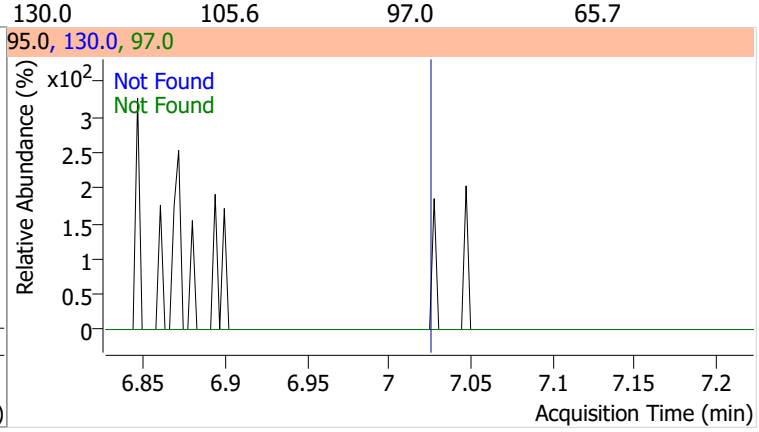
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



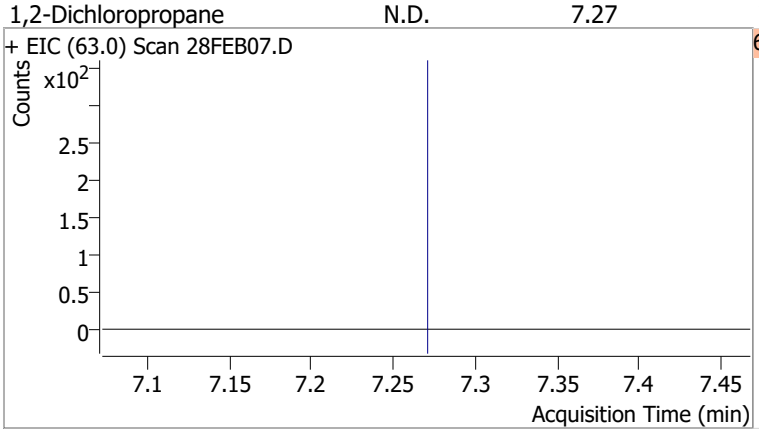


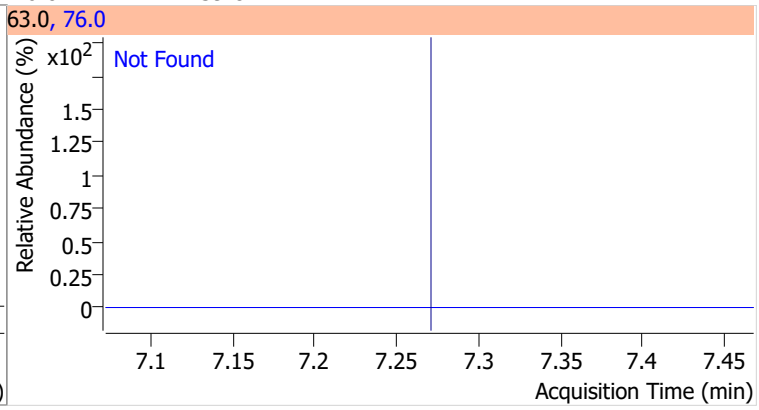
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



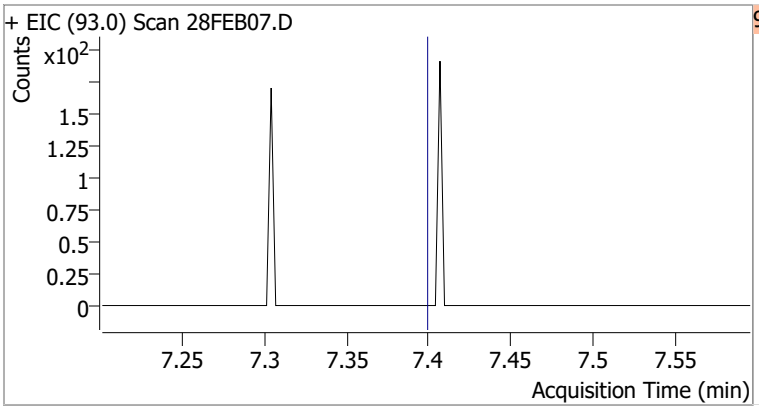


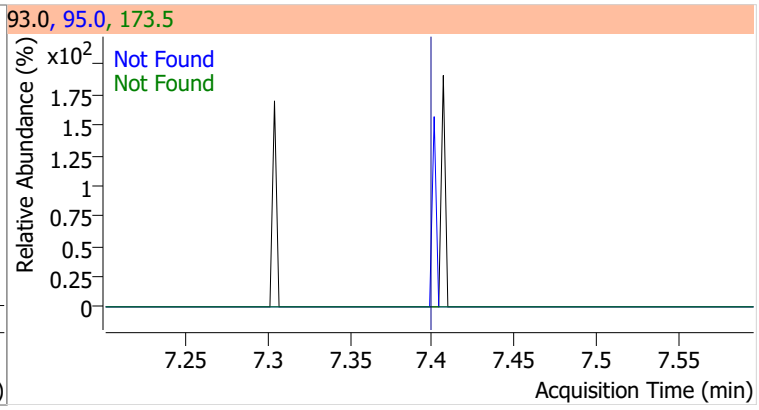
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



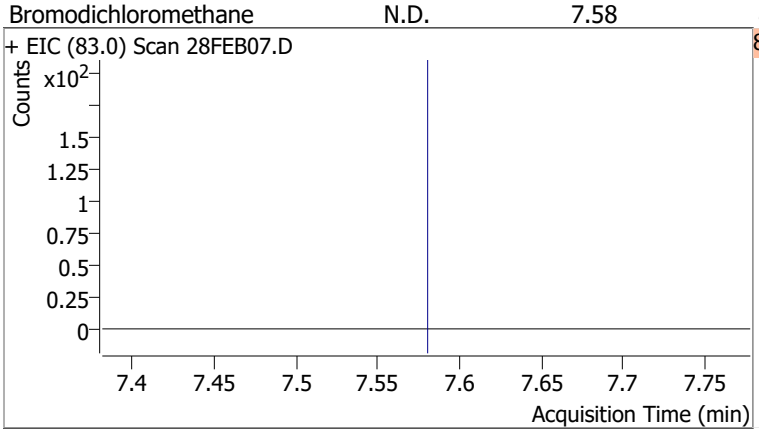


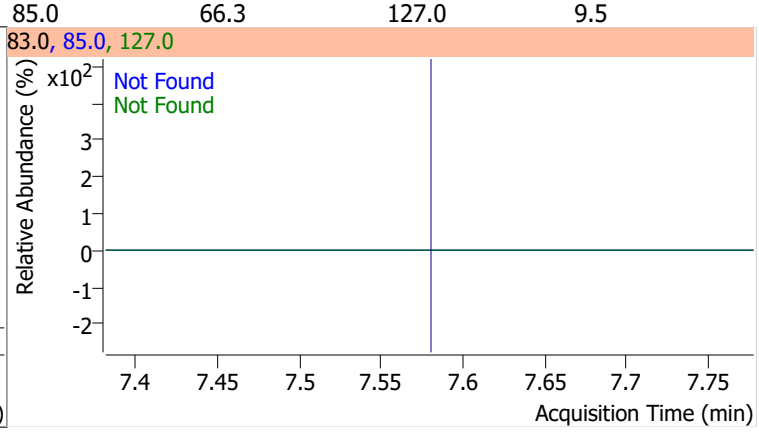
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



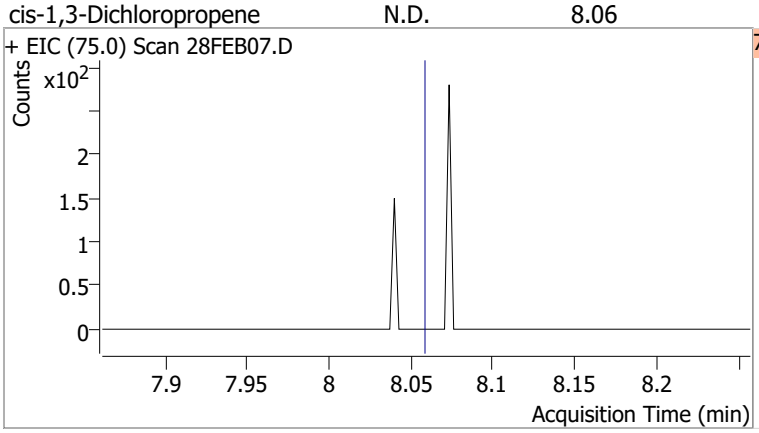


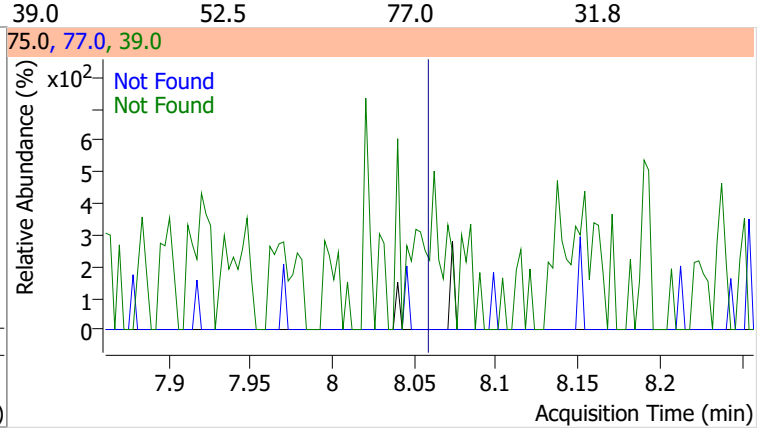
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



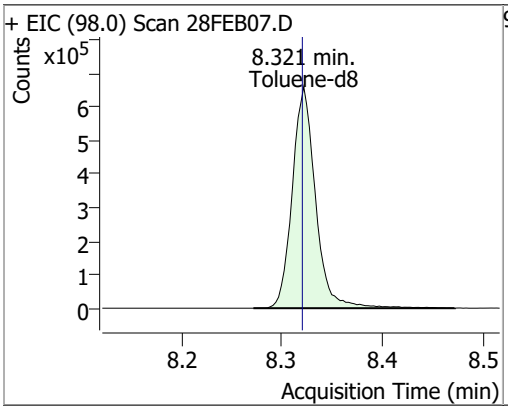


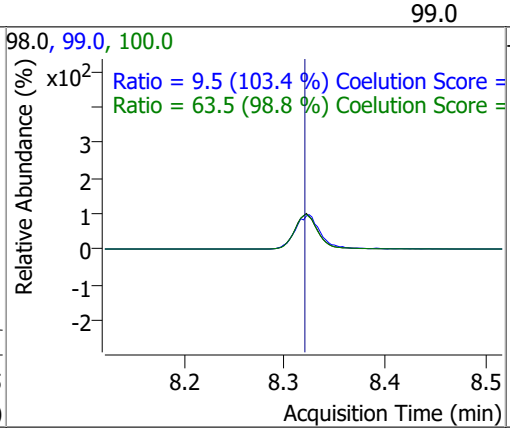
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

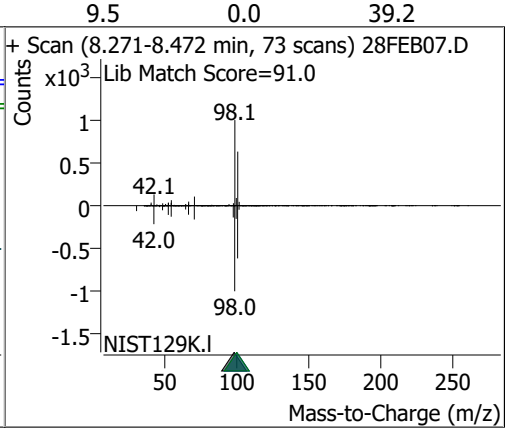




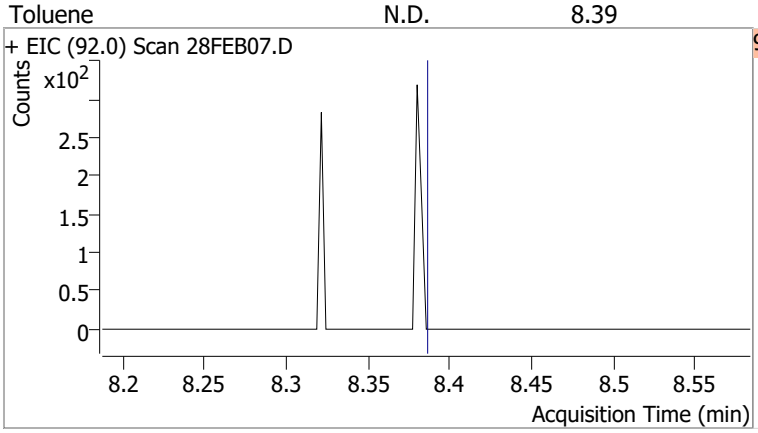
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	268.8468	8.32	0.00	1064477	100.0	63.5	34.3	94.3
					99.0	9.5	0.0	39.2

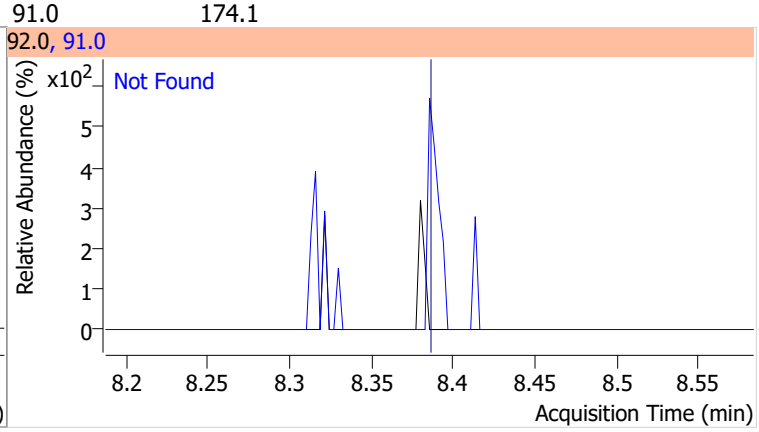




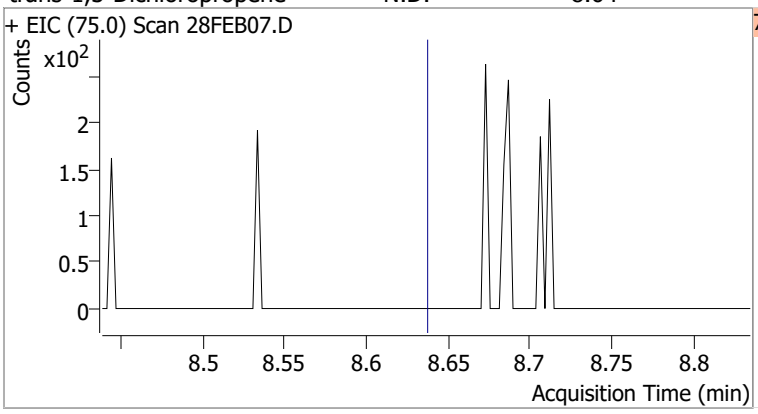


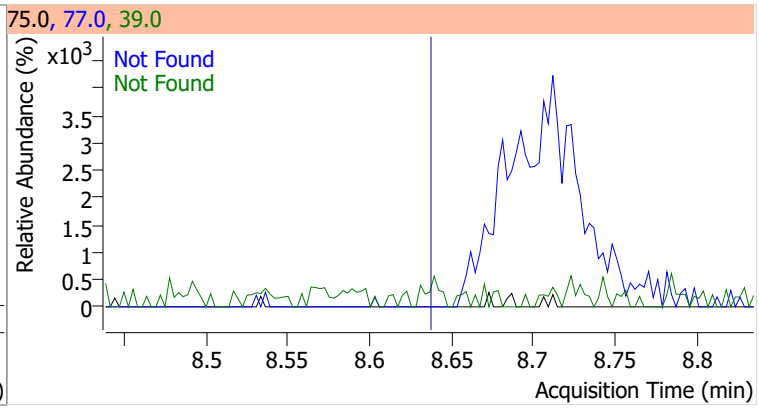
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	174.1



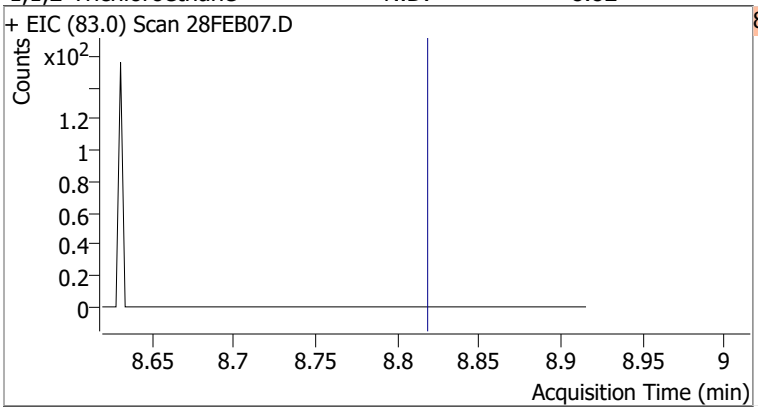


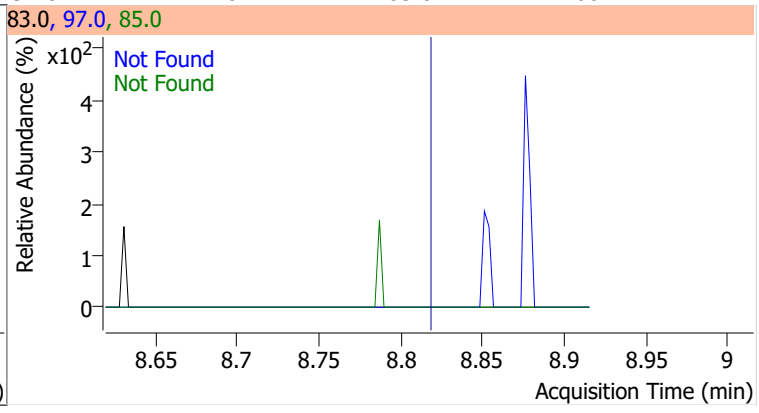
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



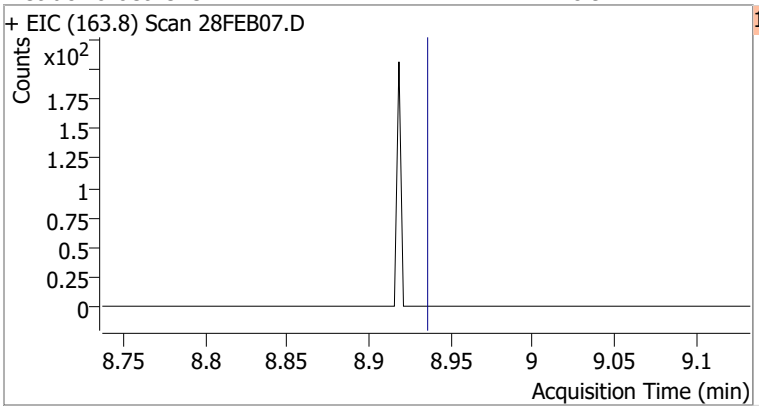


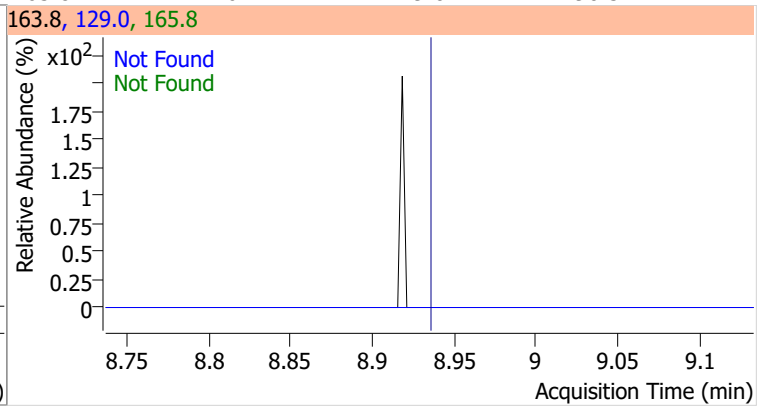
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



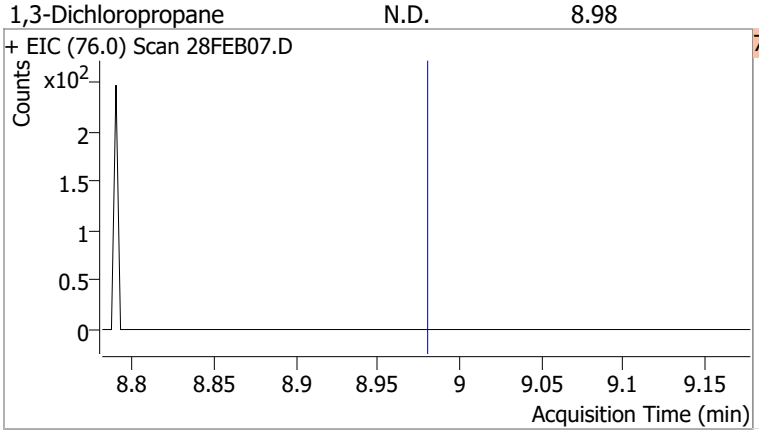


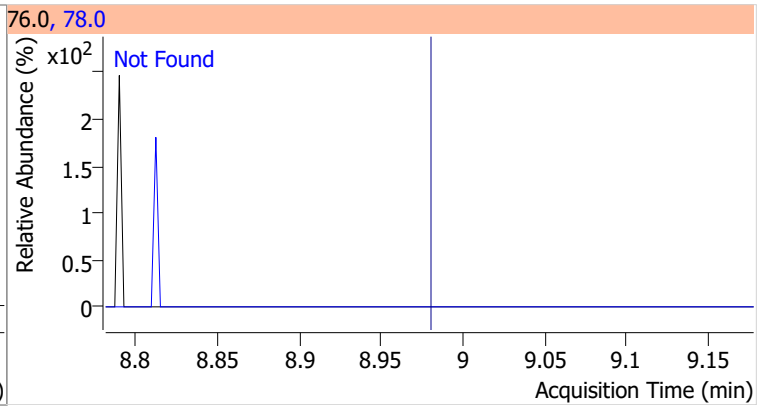
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



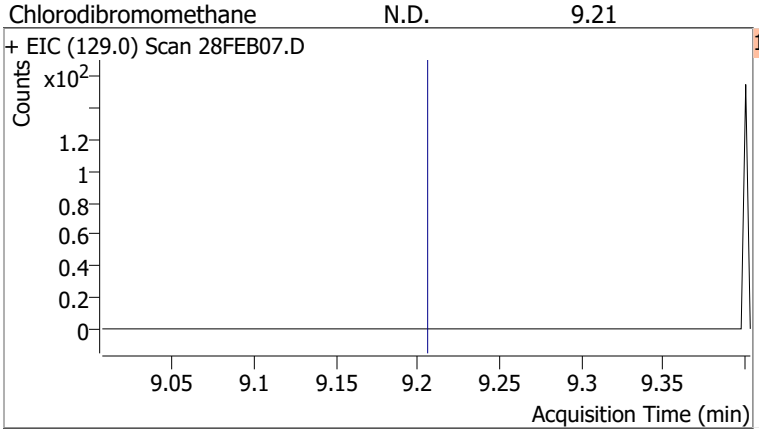


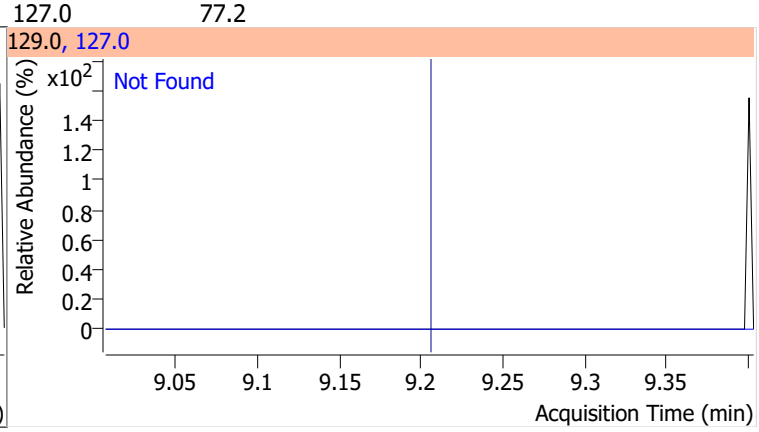
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



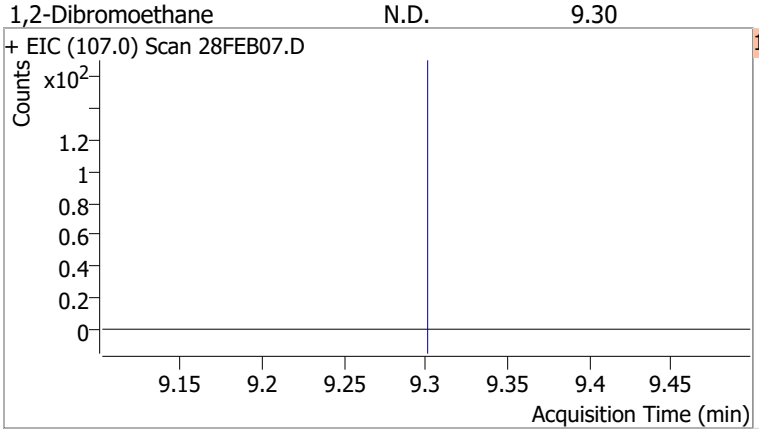


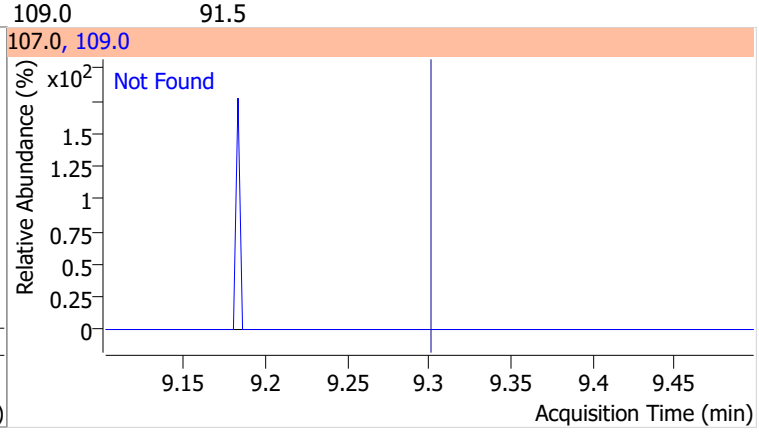
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



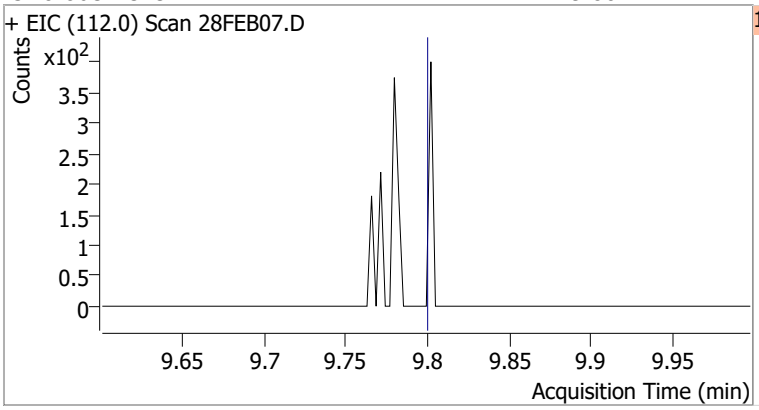


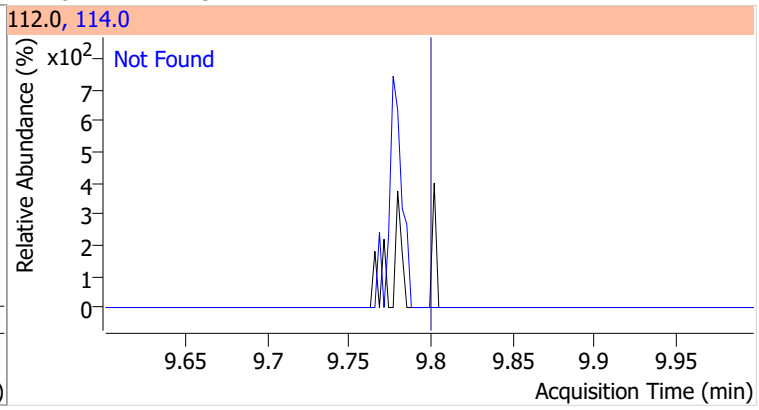
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



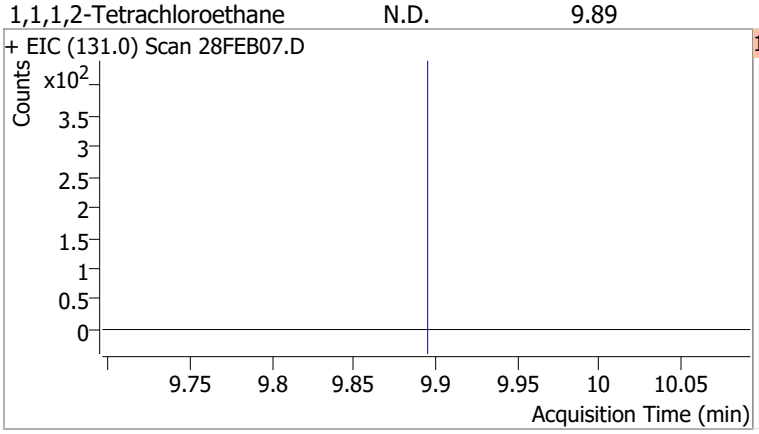


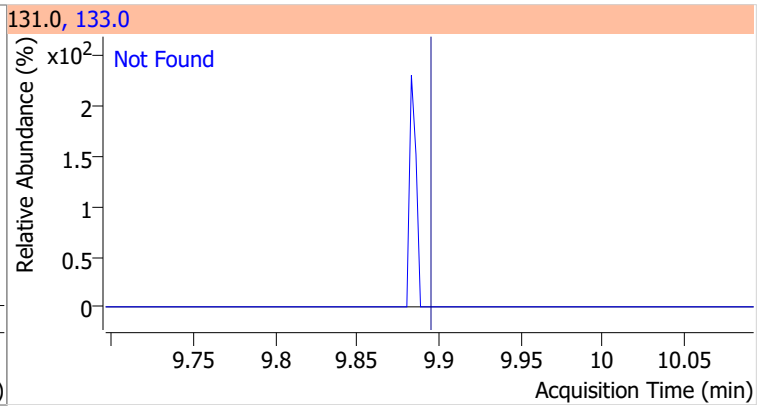
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



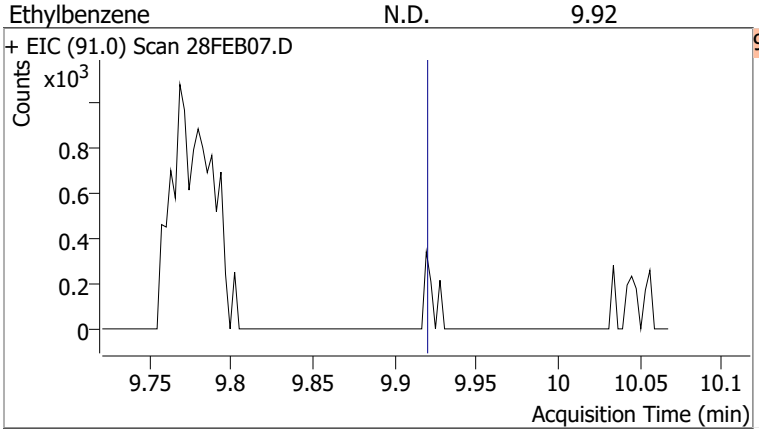


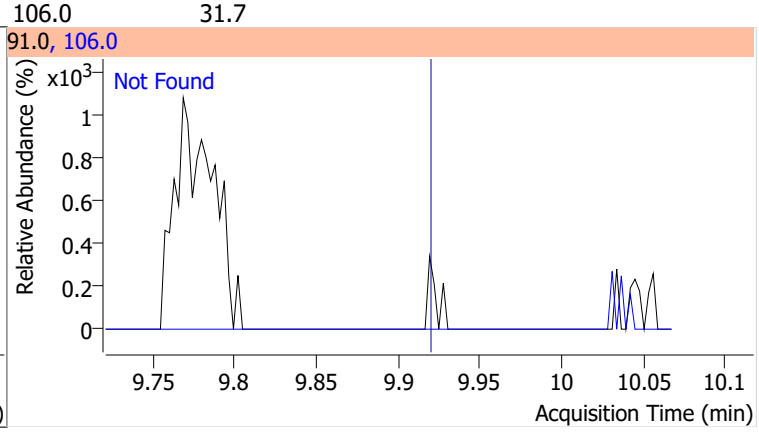
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



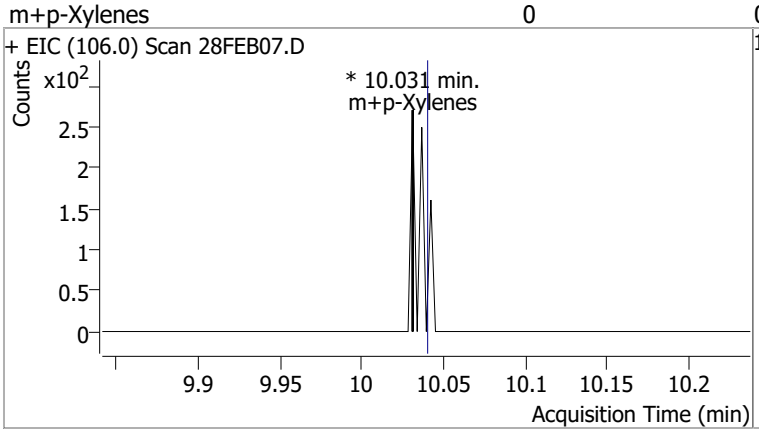


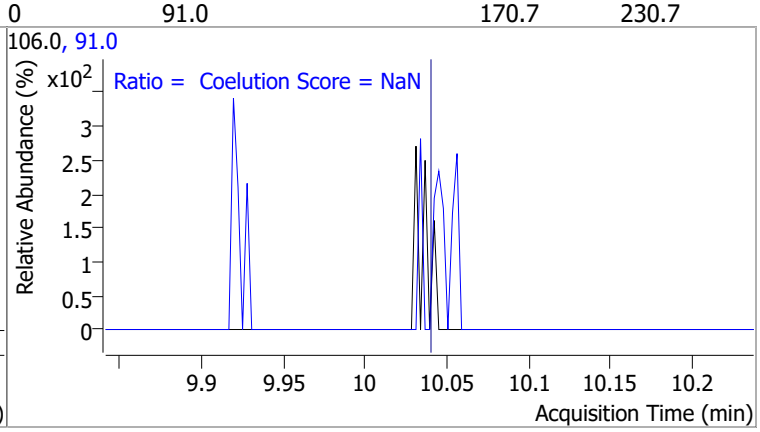
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



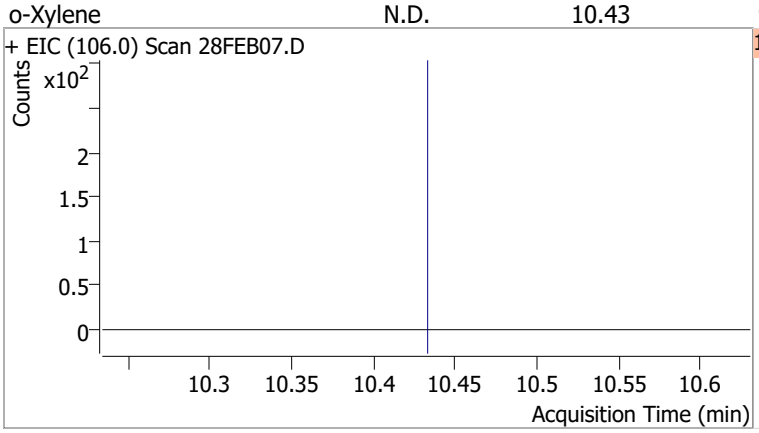


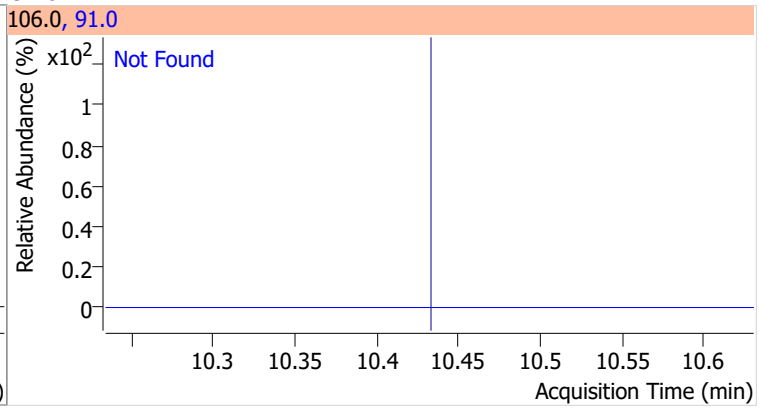
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		170.7	230.7



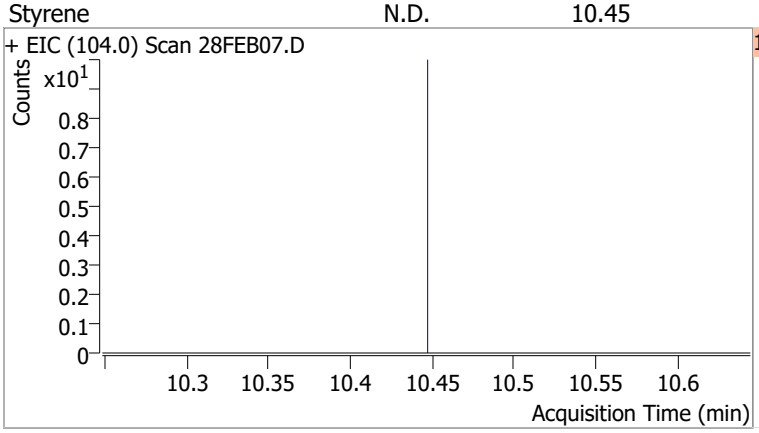


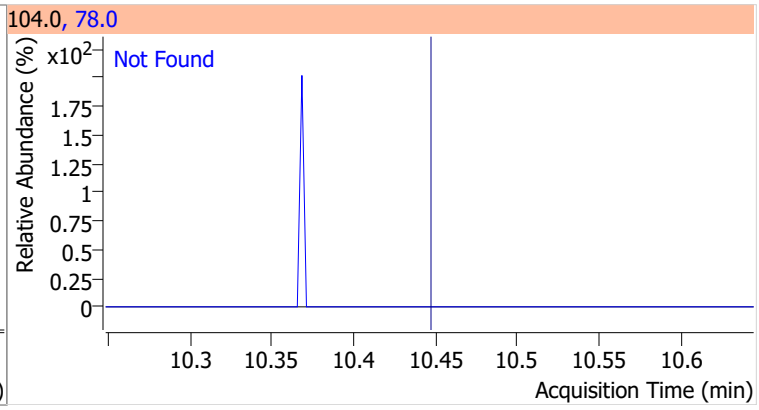
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



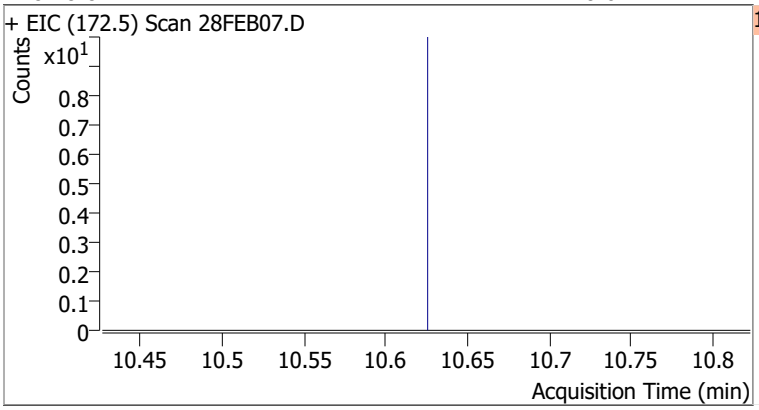


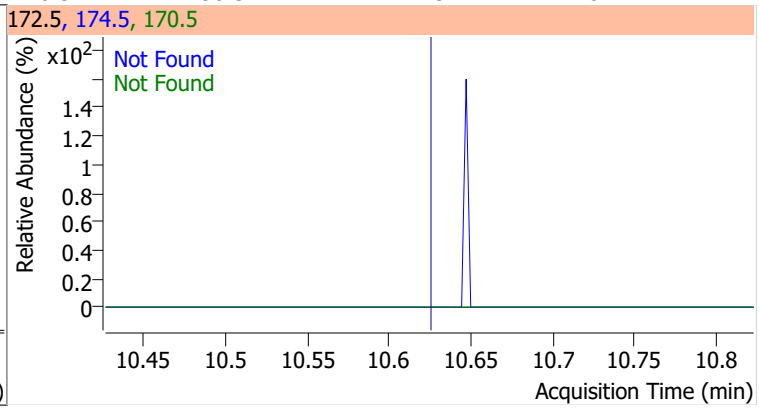
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



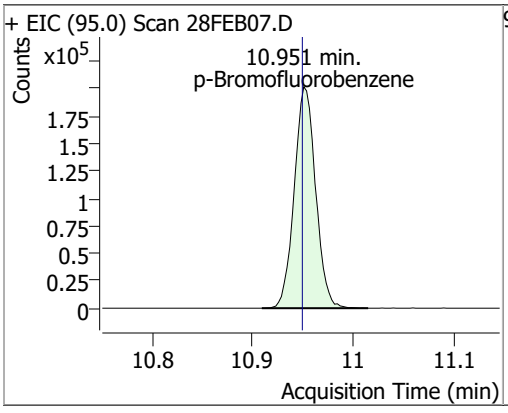


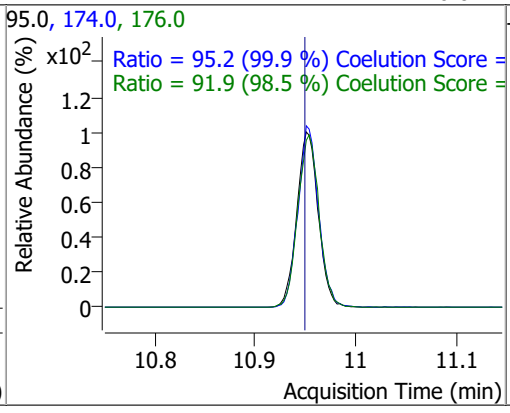
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

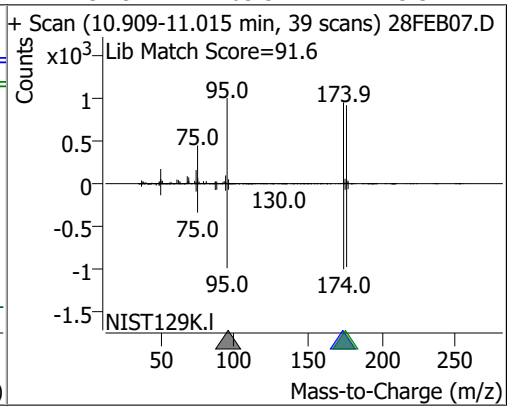




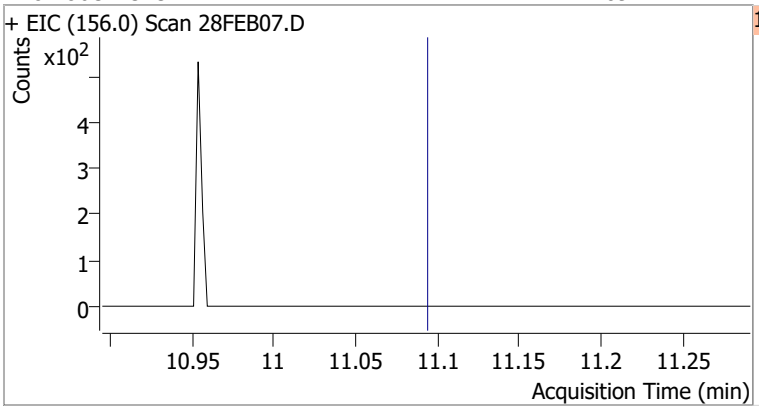
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.3067	10.95	0.00	298016	174.0	95.2	65.3	125.3
					176.0	91.9	63.3	123.3

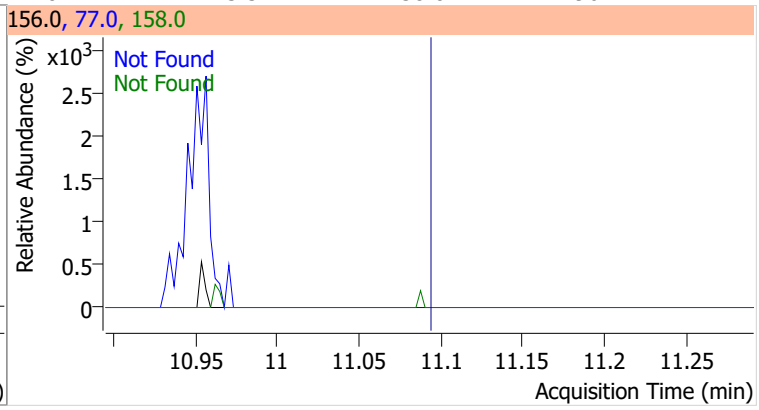




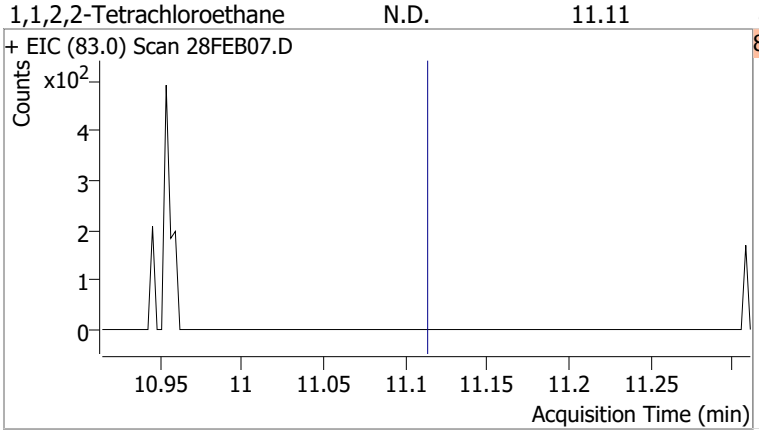


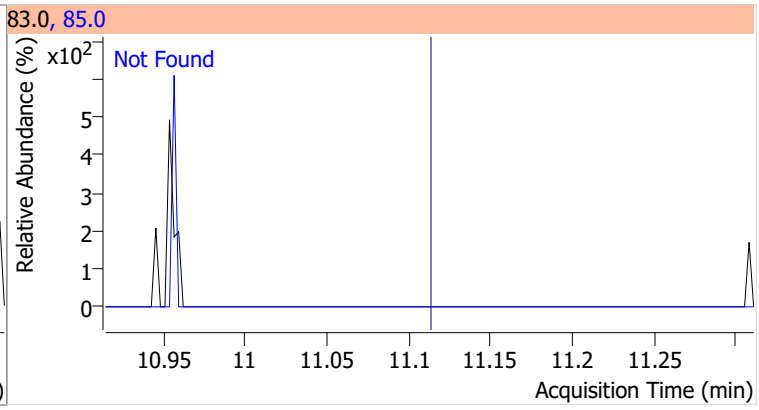
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



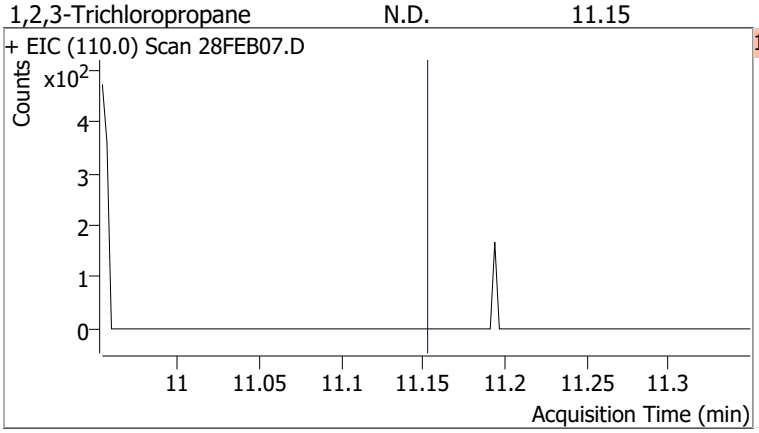


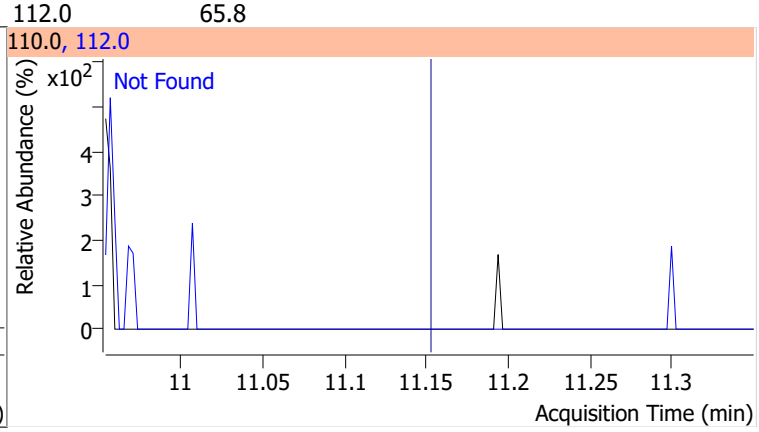
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



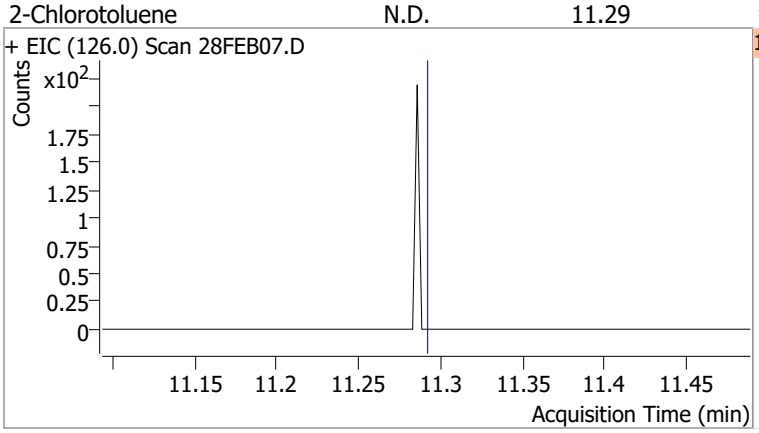


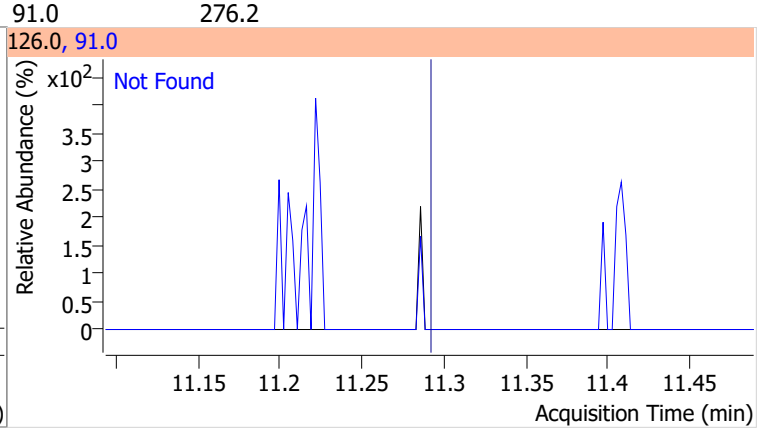
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



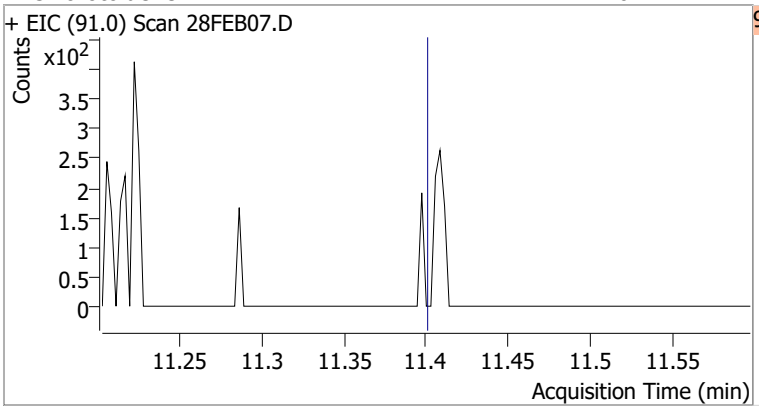


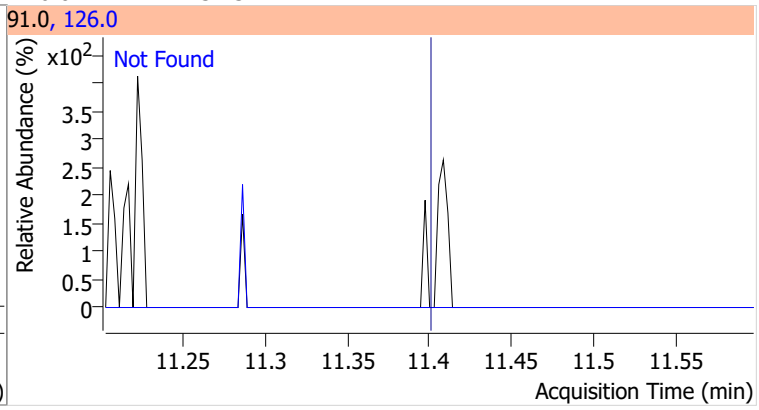
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



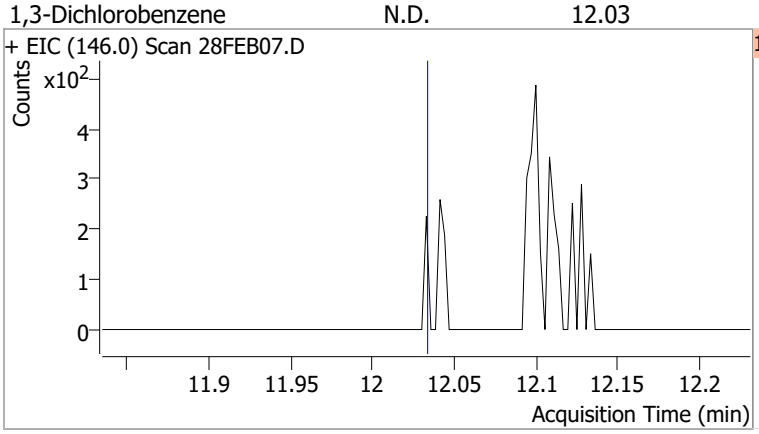


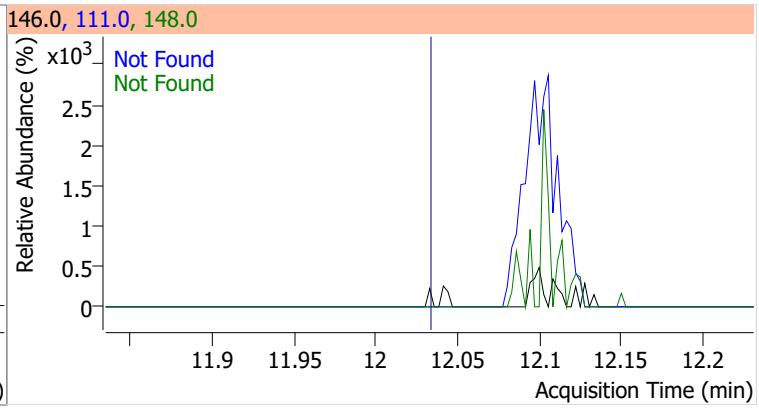
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



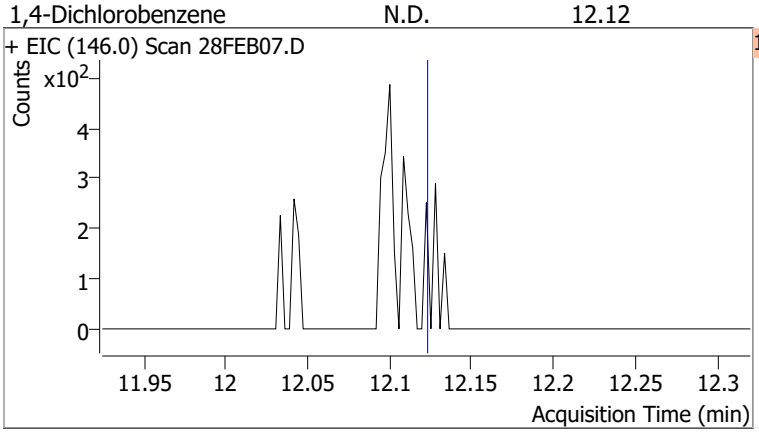


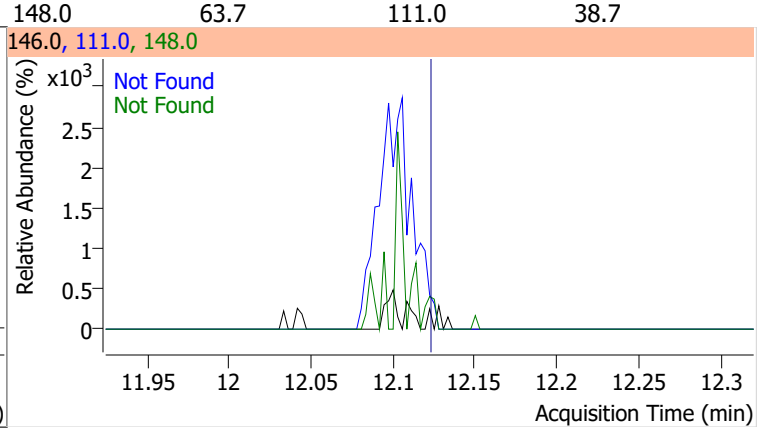
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



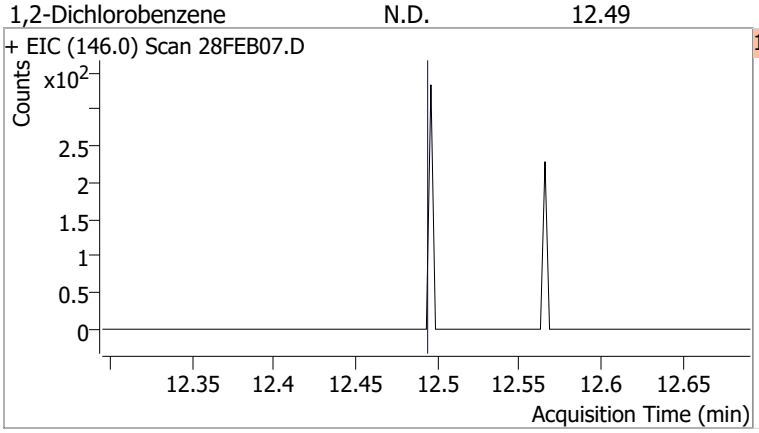


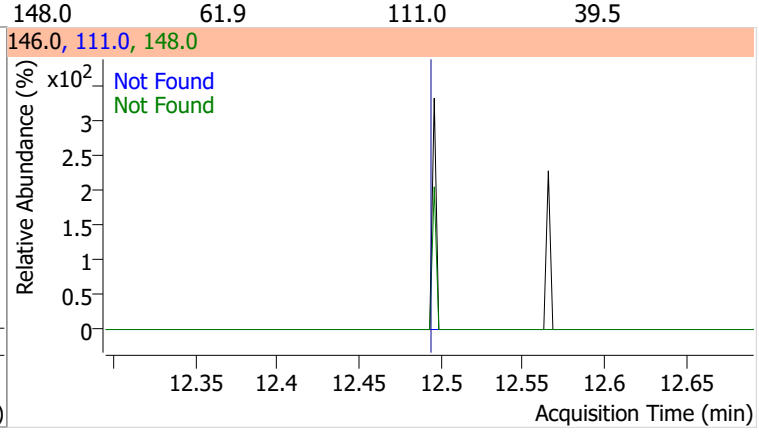
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





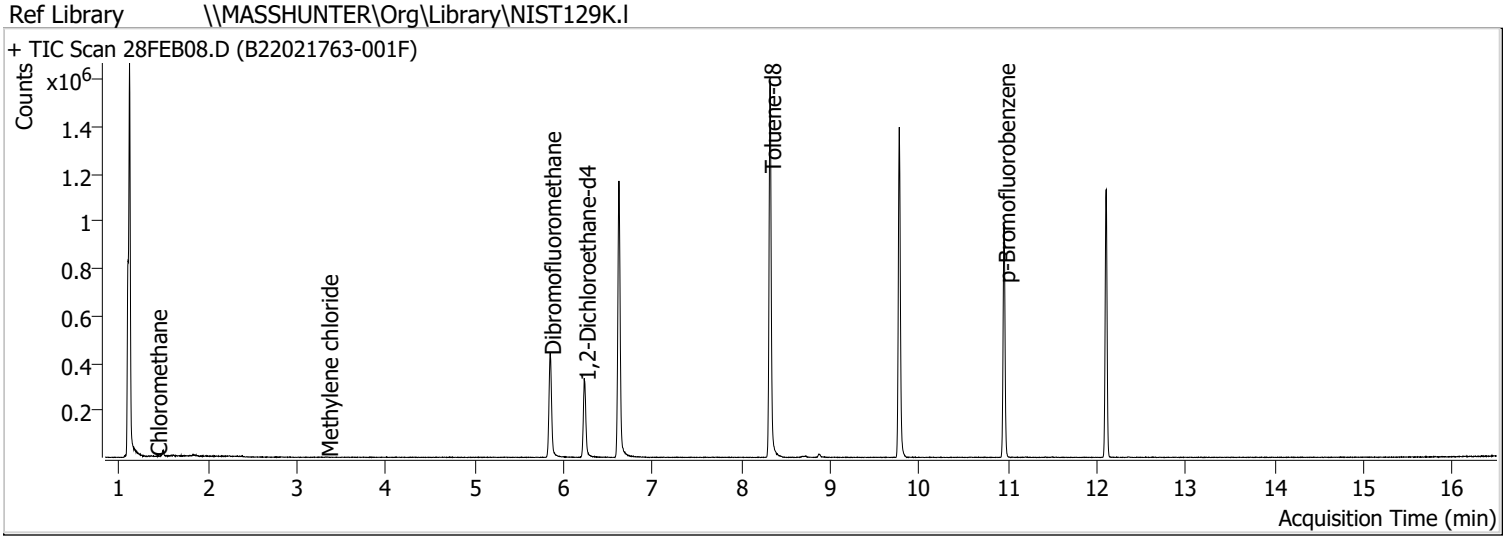
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB08.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 1:35:17 PM
Sample Name	B22021763-001F	Instrument	VOA5975C
Vial	8	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

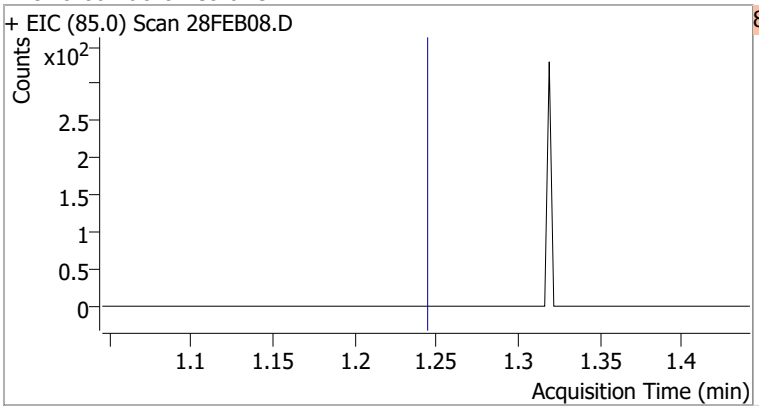


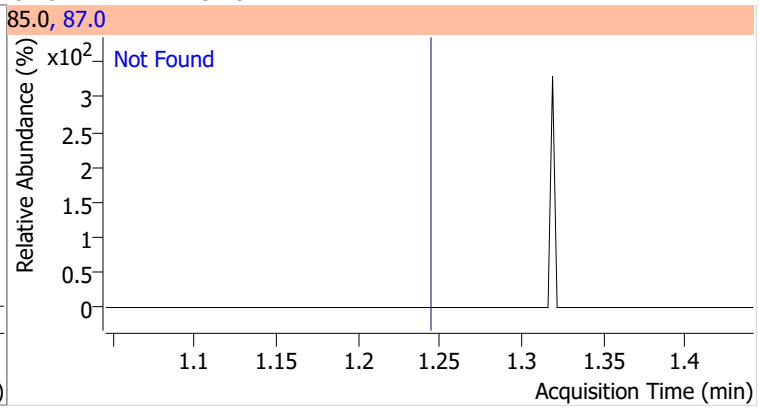
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	989526	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	390023	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	271642	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	274152	286.0406	ng		-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 114.42%			
S 1,2-Dichloroethane-d4	6.235	67.0	122001	294.6744	ng		0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 117.87%			
S Toluene-d8	8.321	98.0	993721	261.1585	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.46%			
S p-Bromofluorobenzene	10.954	95.0	281177	280.3457	ng		0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 112.14%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.414	50.0	484	0.3089	ng	m	76
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	1020	0.7048	ng	m	74
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	8.386	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.			

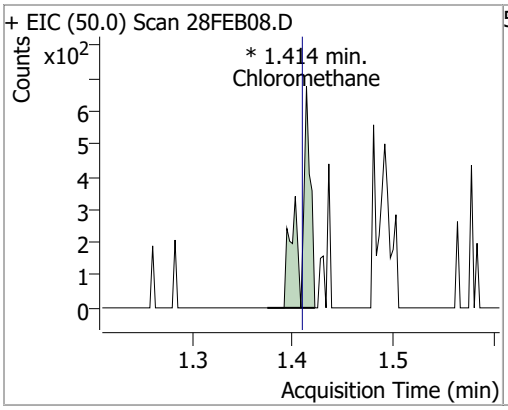
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

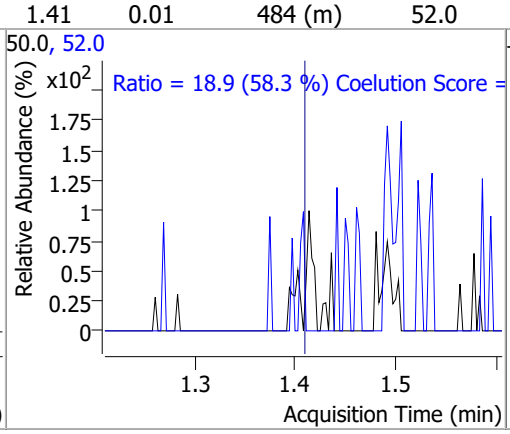
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

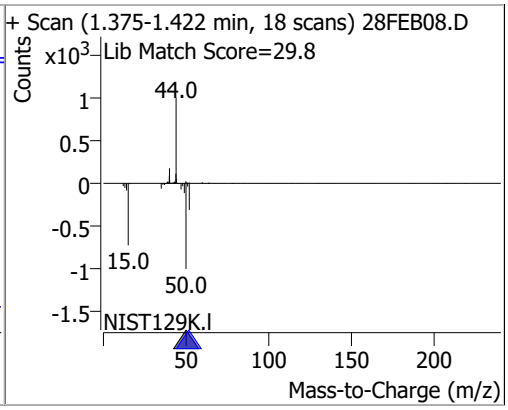




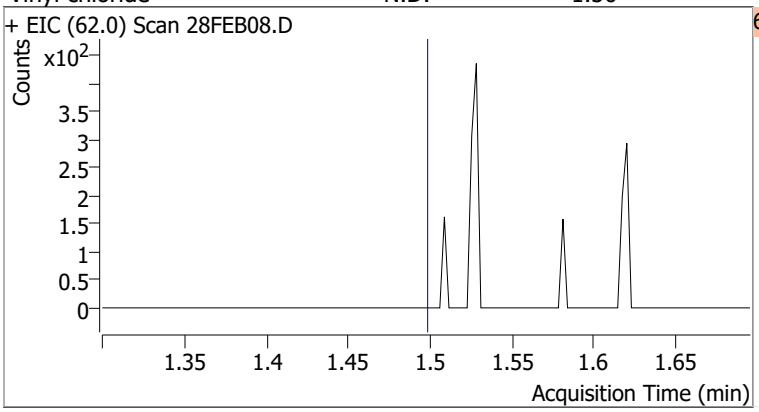
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.3089	1.41	0.01	484 (m)	52.0	18.9	2.4	62.4

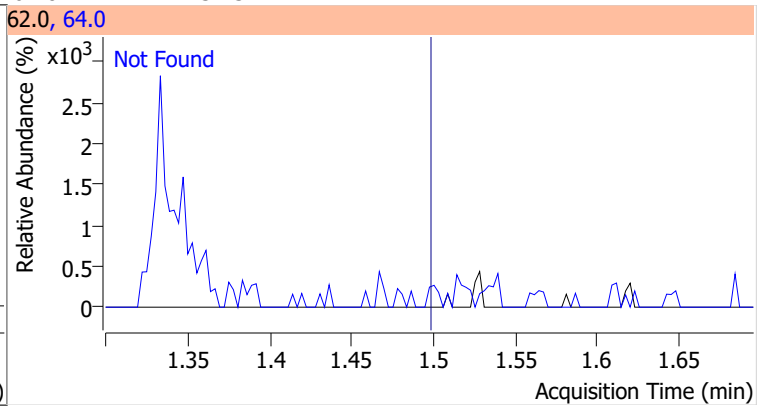




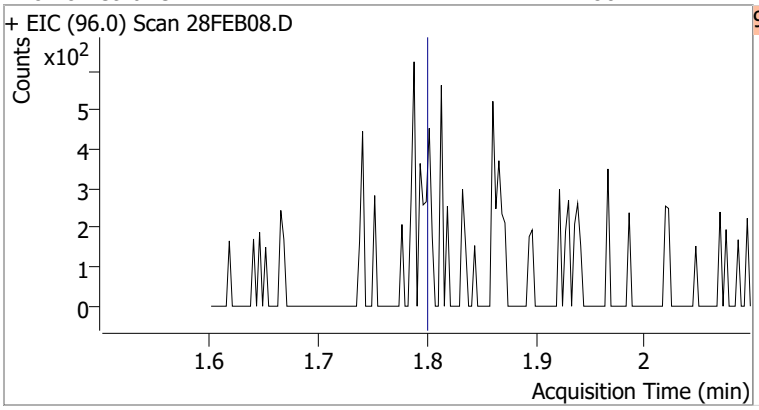


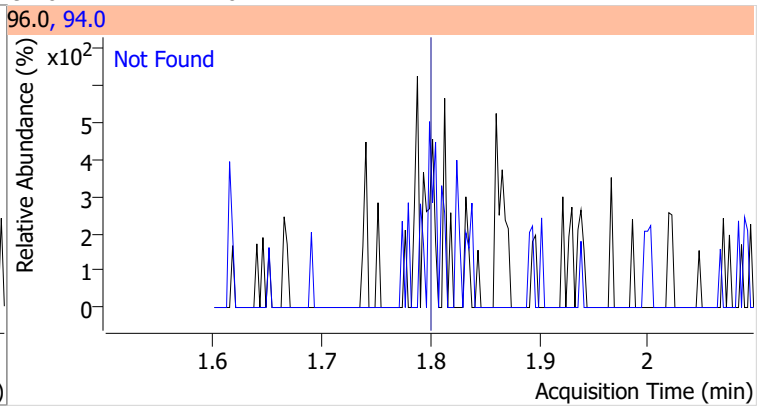
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



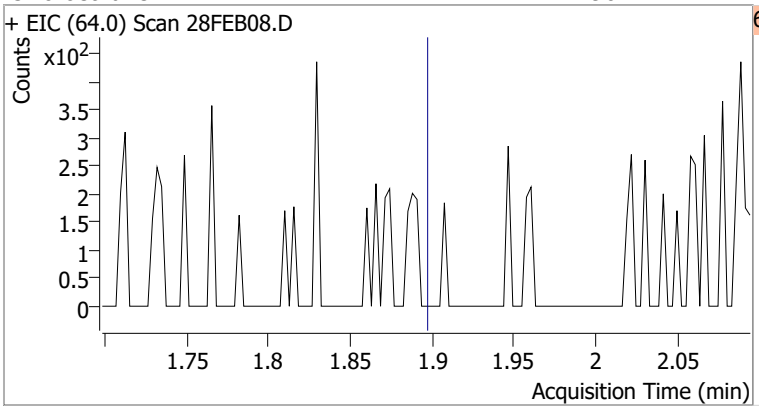


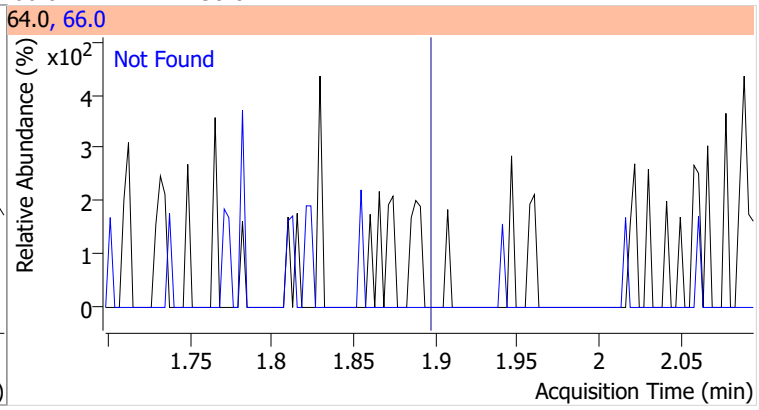
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



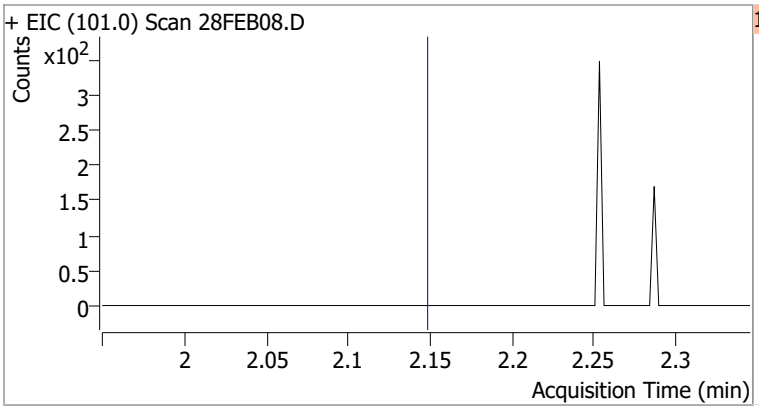


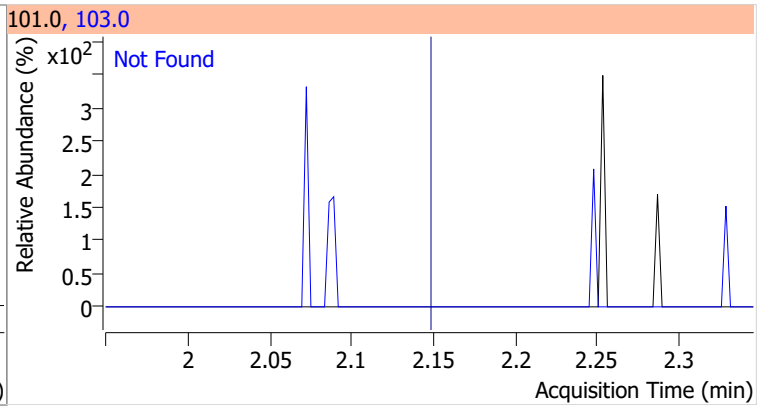
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



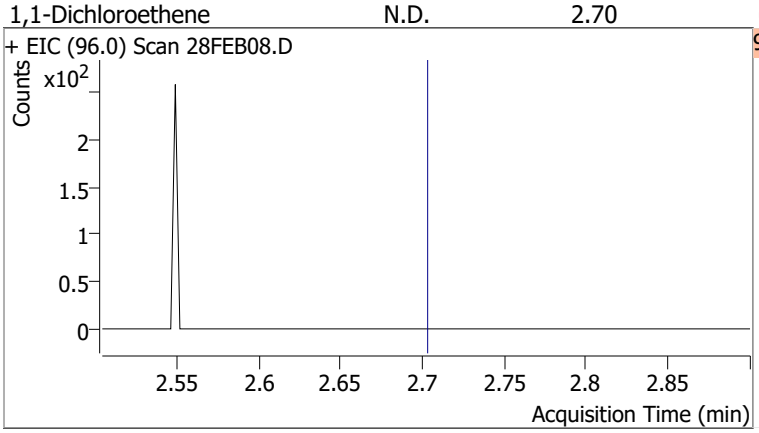


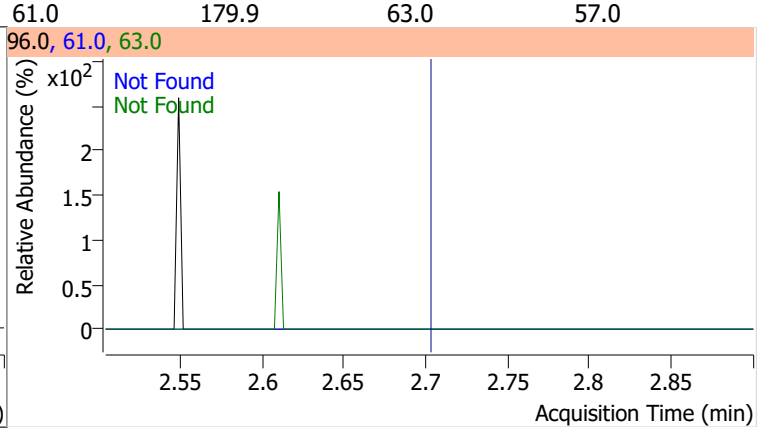
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



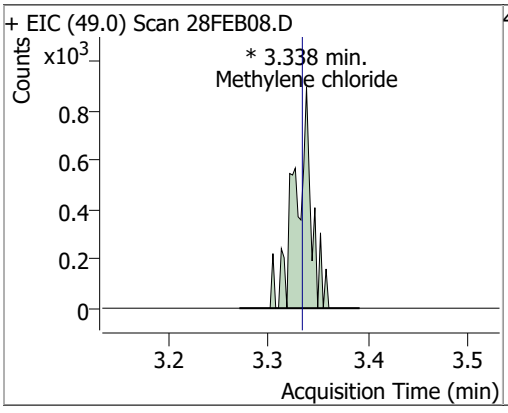


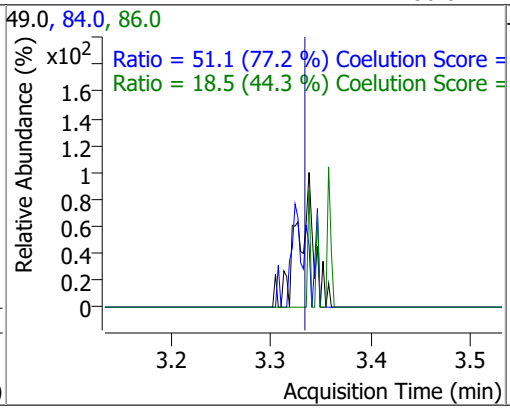
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

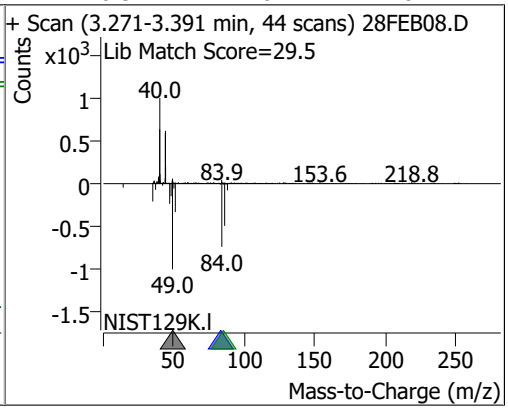




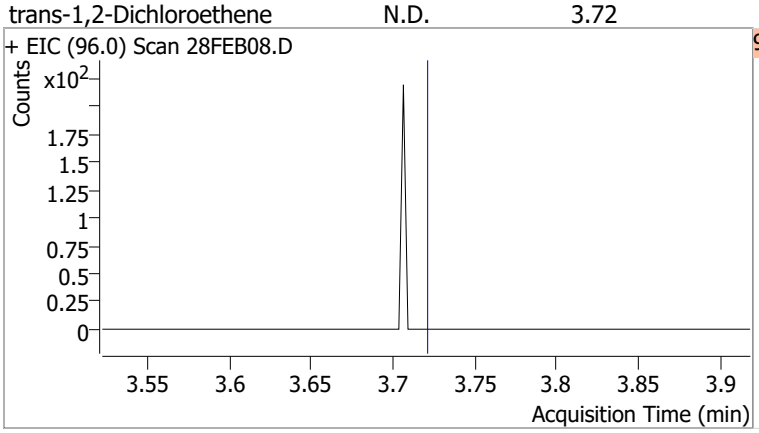
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.7048	3.34	0.01	1020 (m)	84.0	51.1	36.1	96.1
					86.0	18.5	11.8	71.8

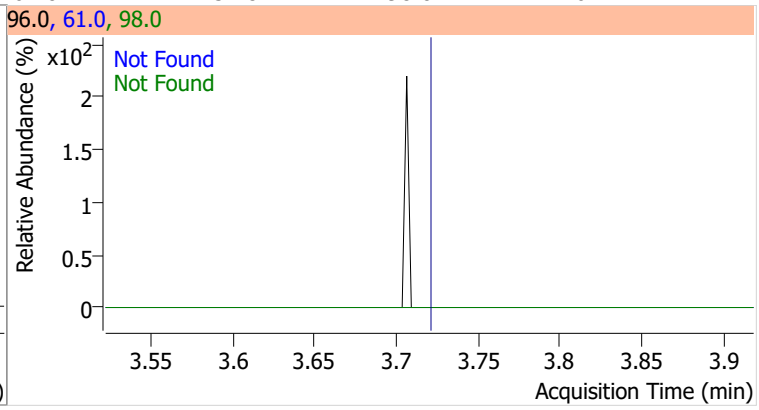




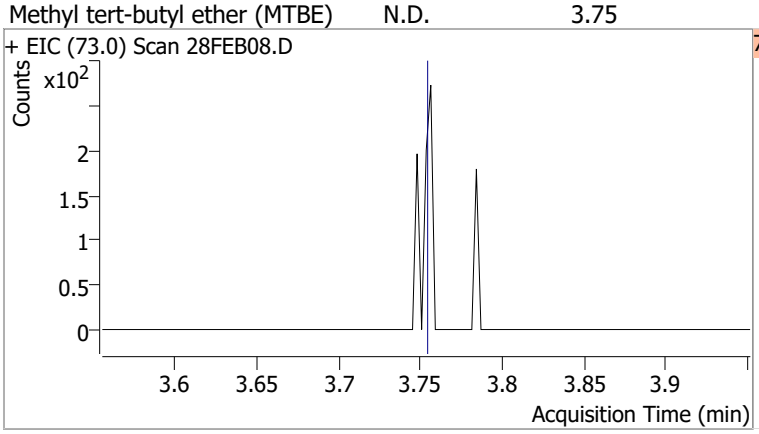


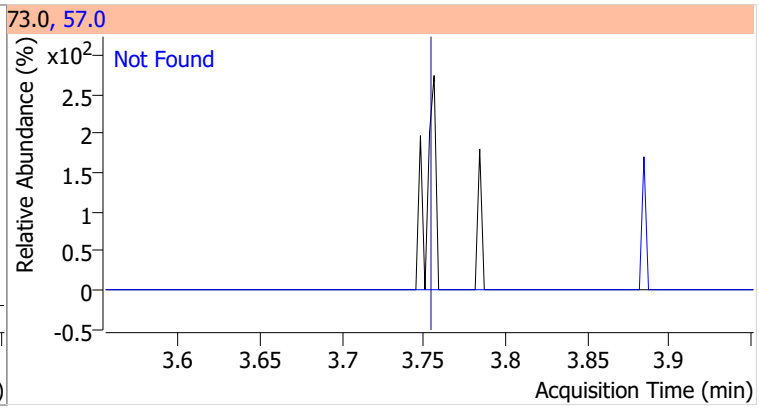
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



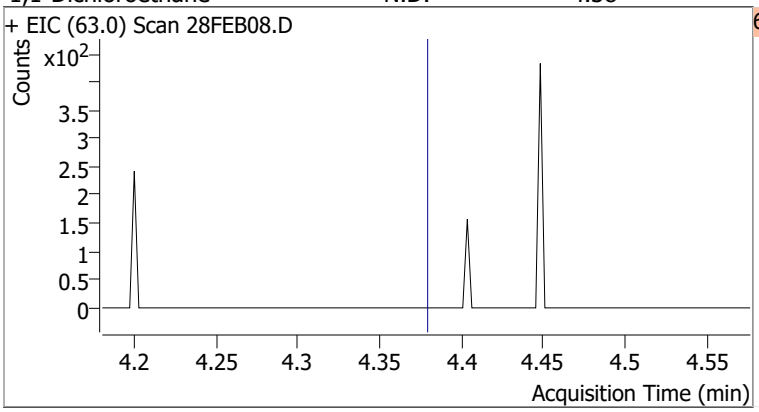


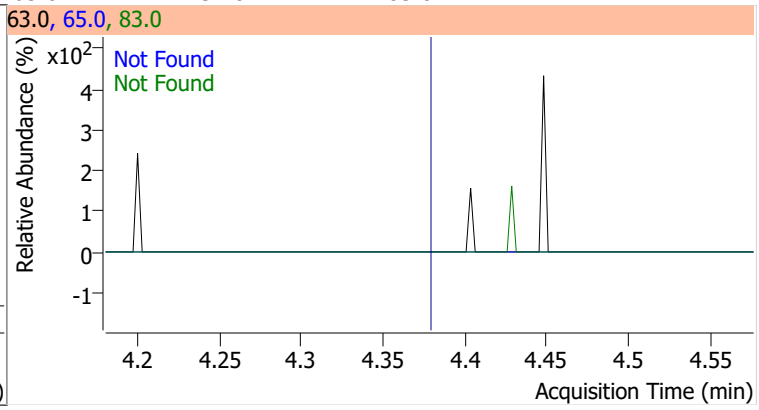
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



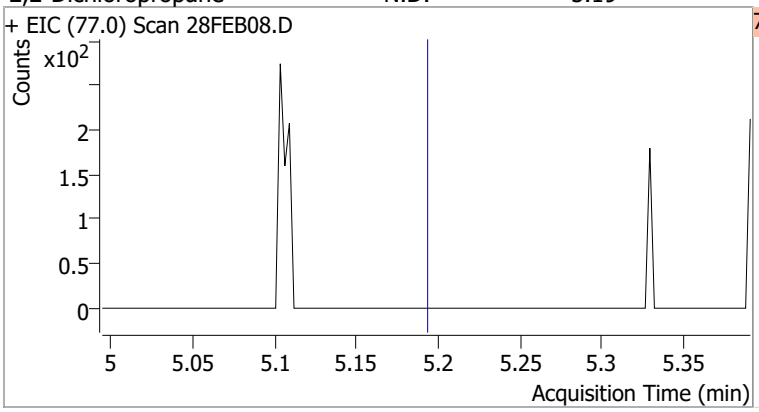


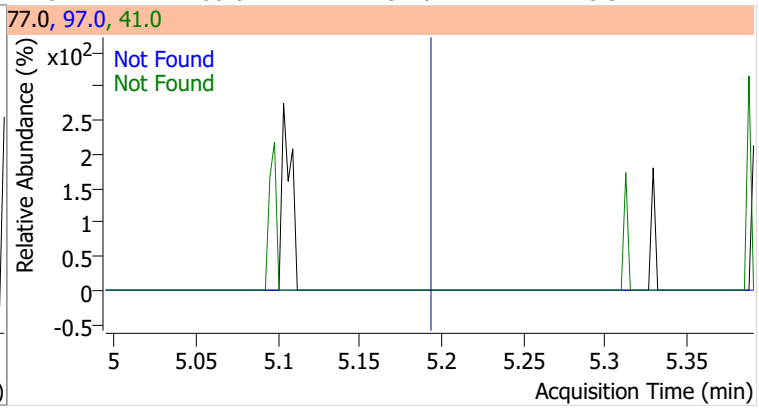
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



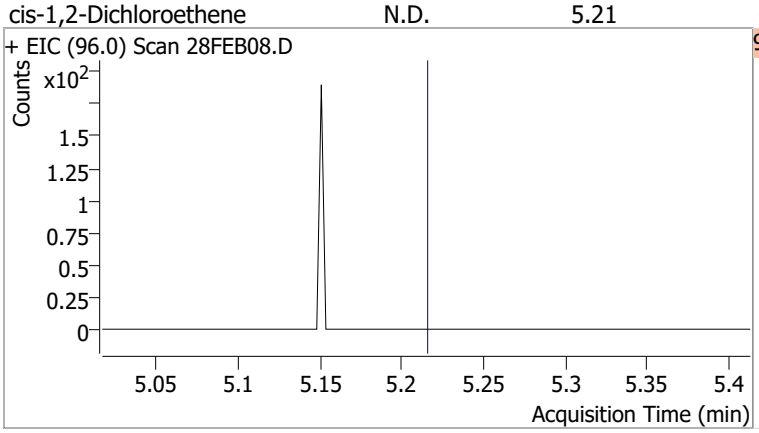


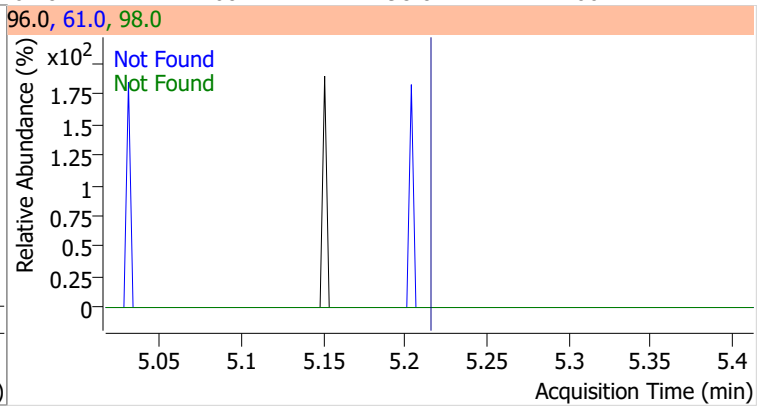
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



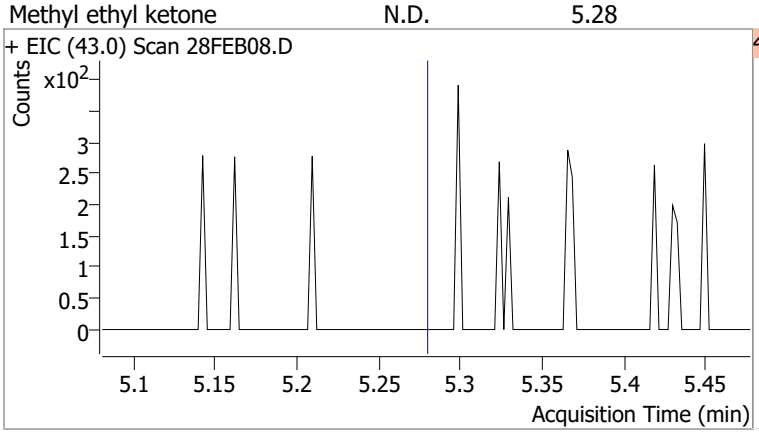


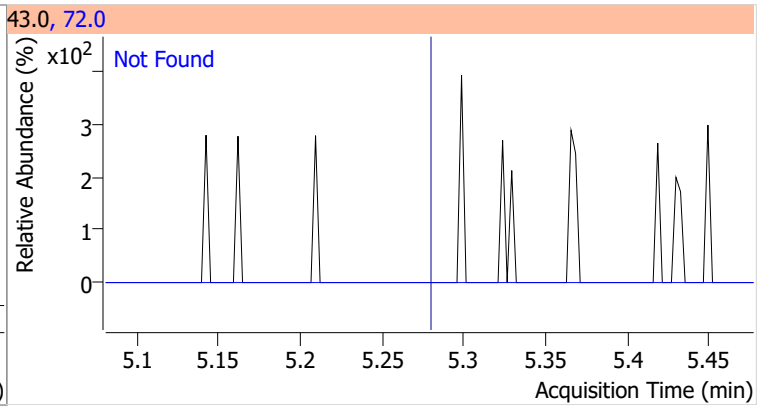
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



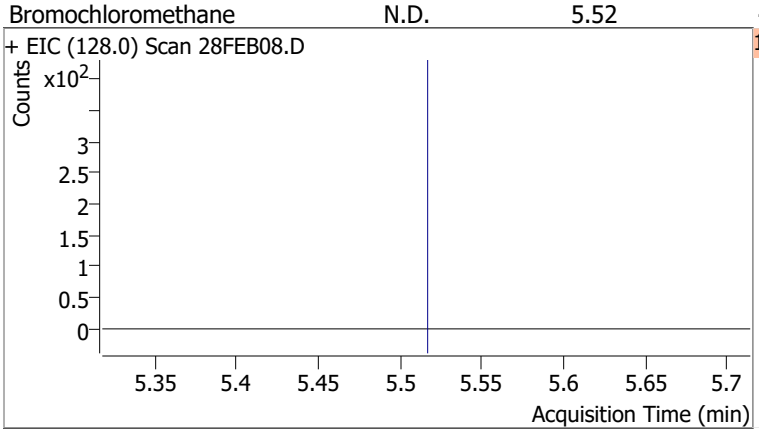


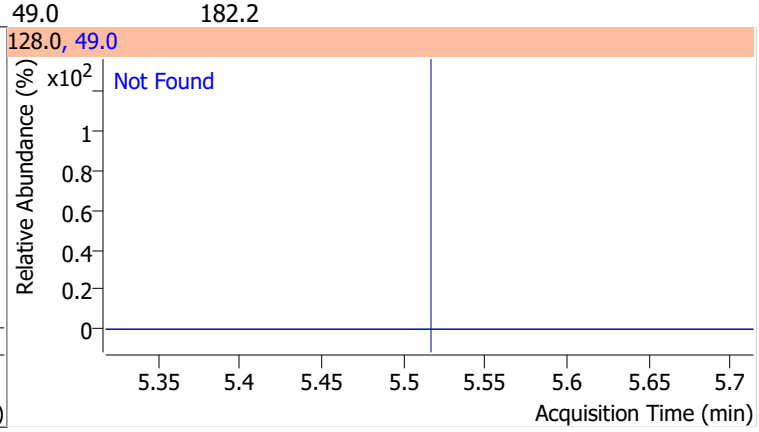
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



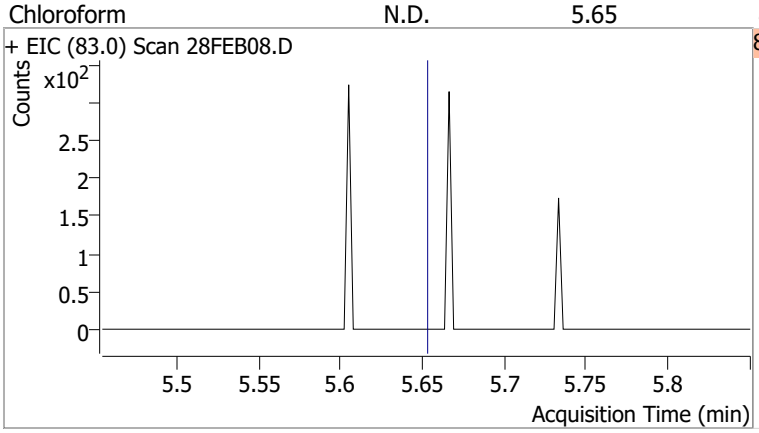


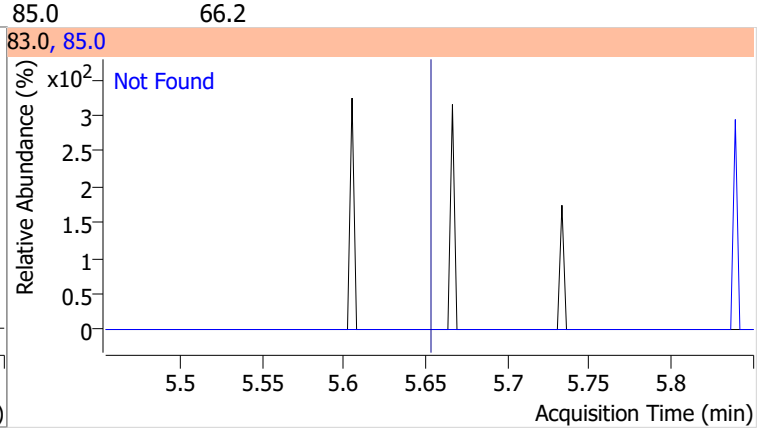
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



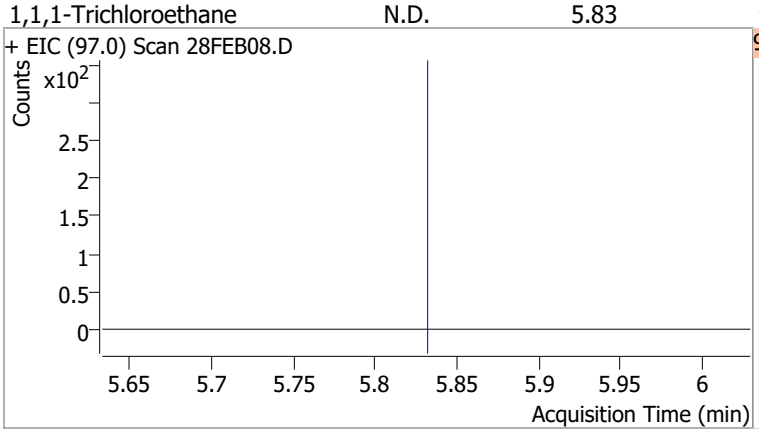


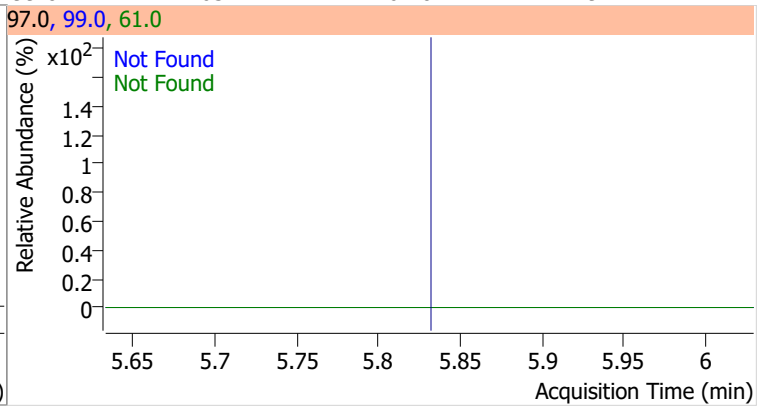
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



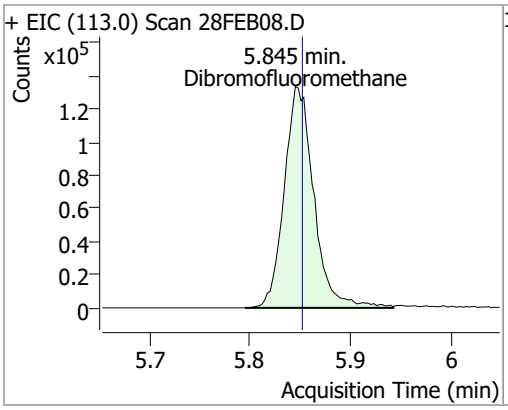


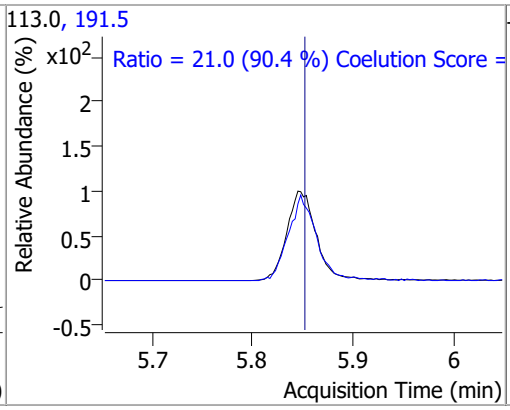
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

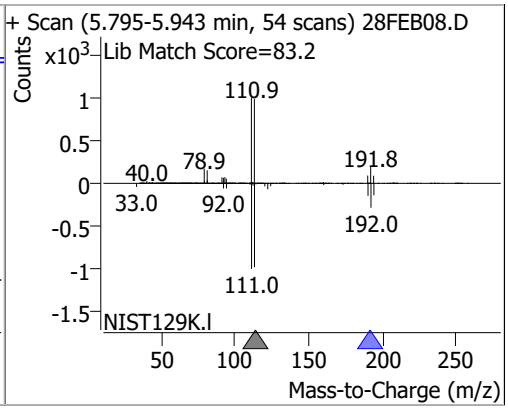




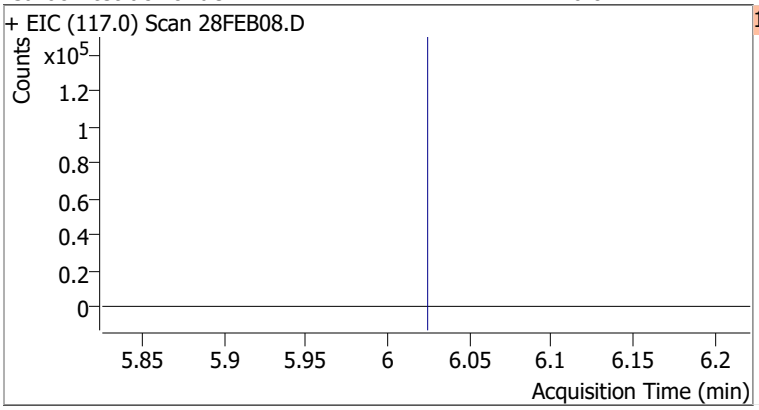
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	286.0406	5.85	-0.01	274152	191.5	21.0	0.0	53.2

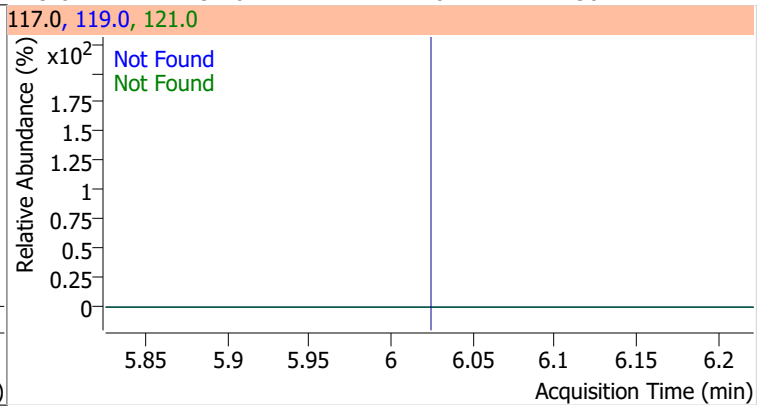




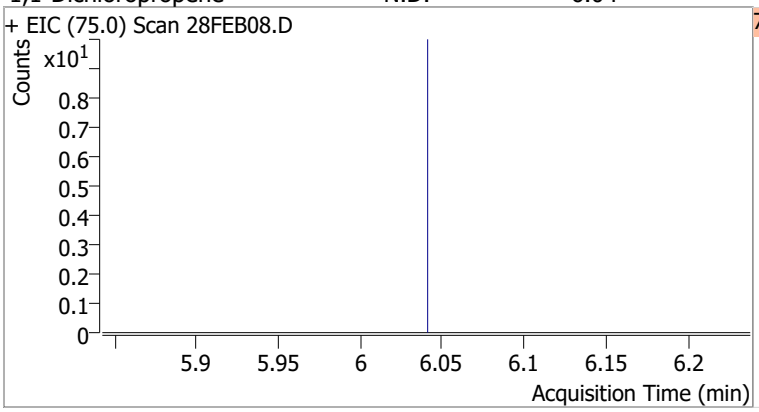


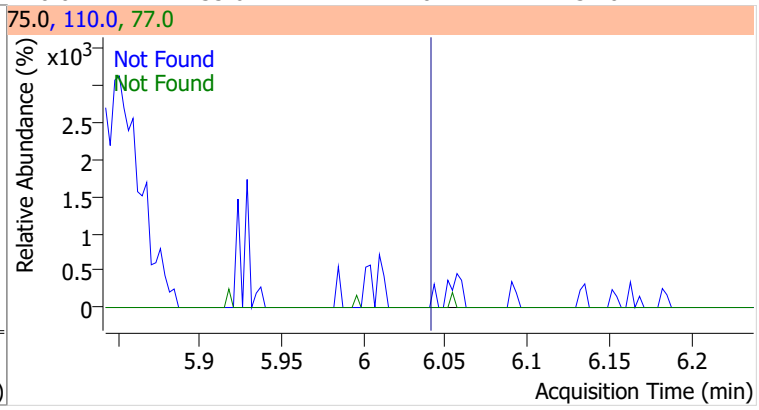
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



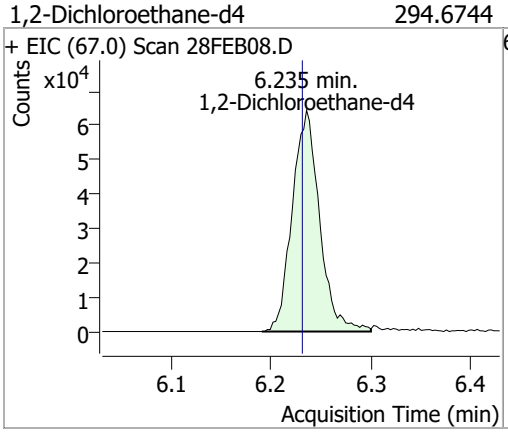


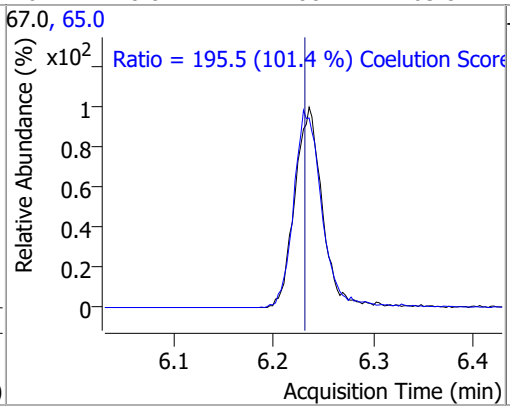
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

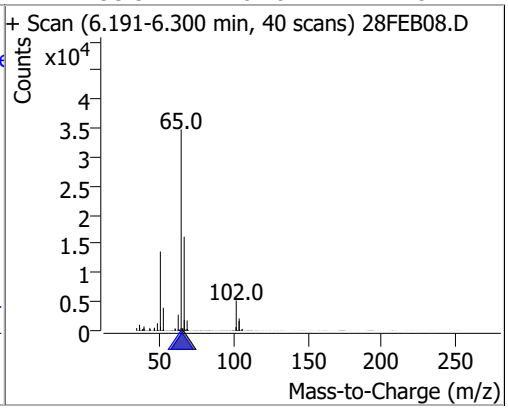




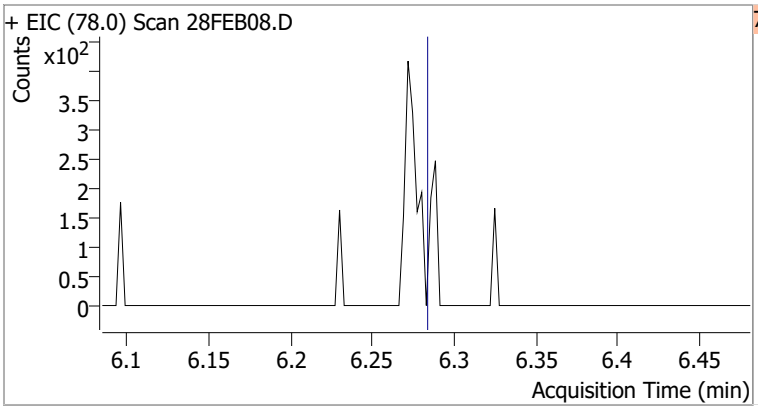
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	294.6744	6.24	0.01	122001	65.0	195.5	162.8	222.8

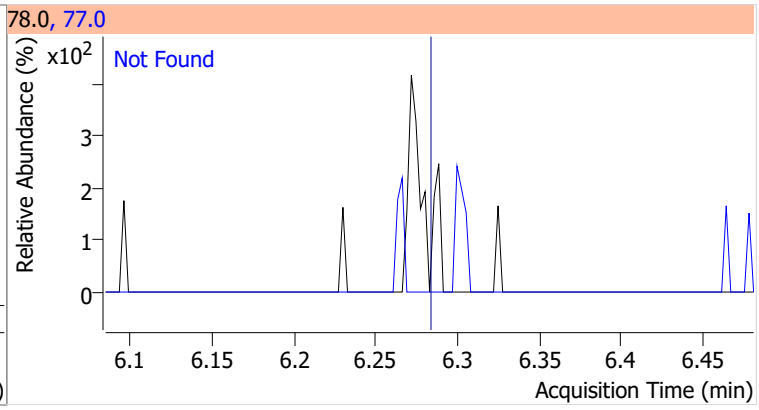




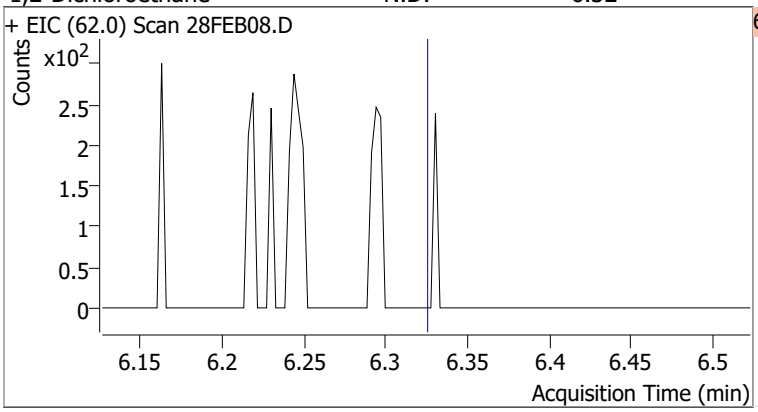


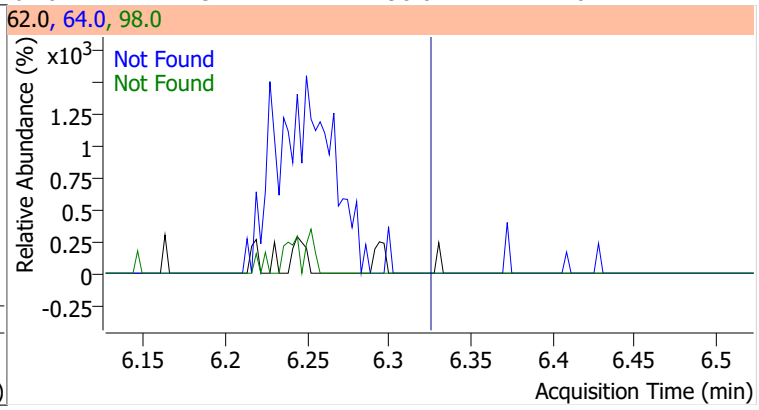
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



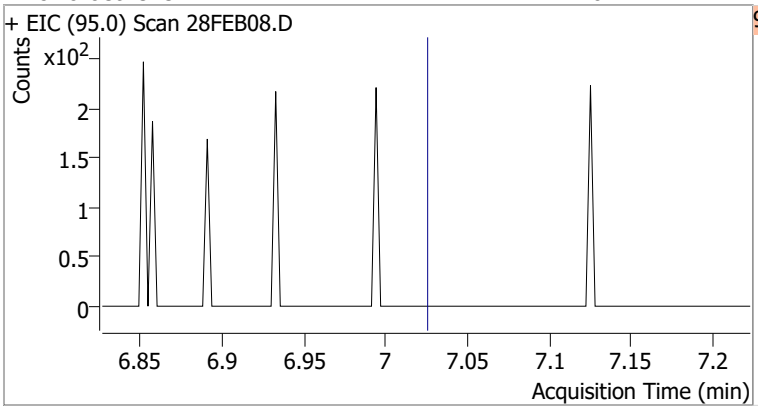


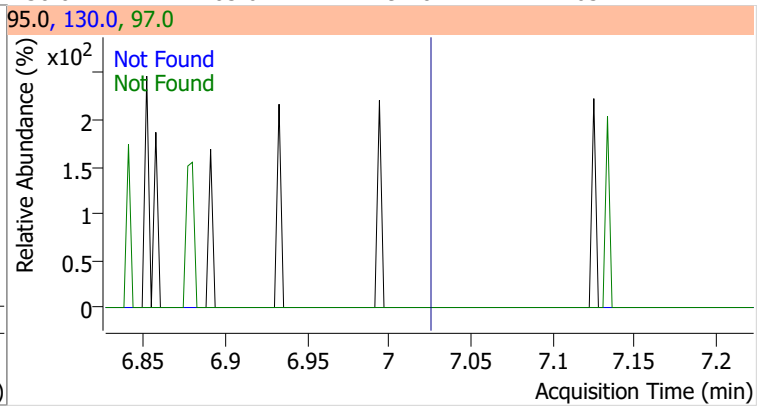
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



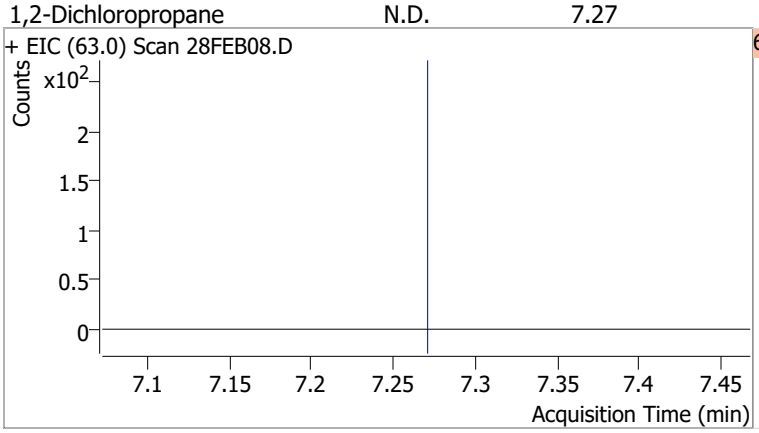


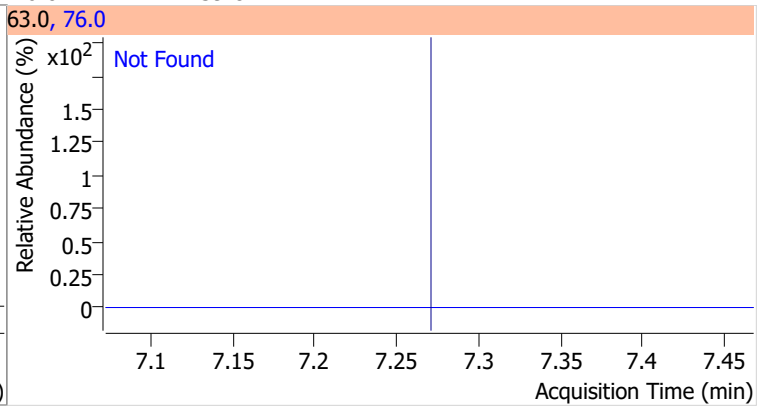
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



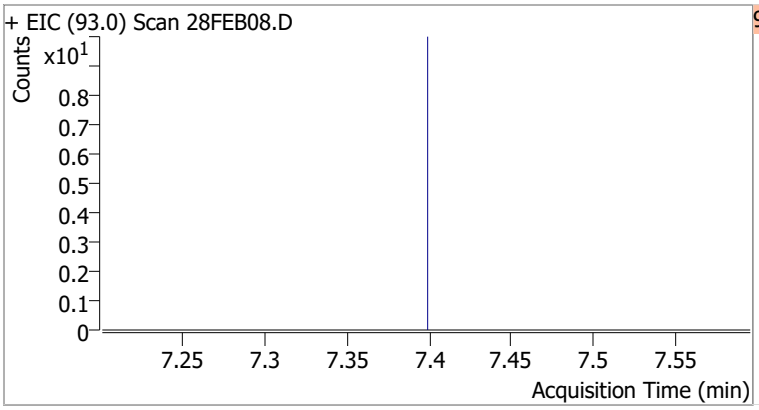


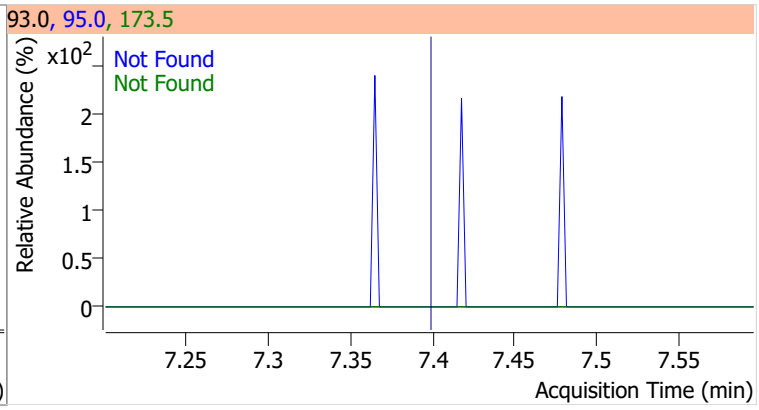
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



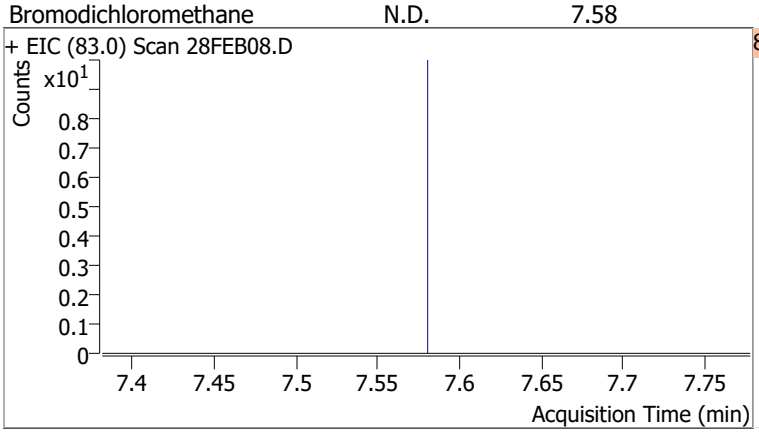


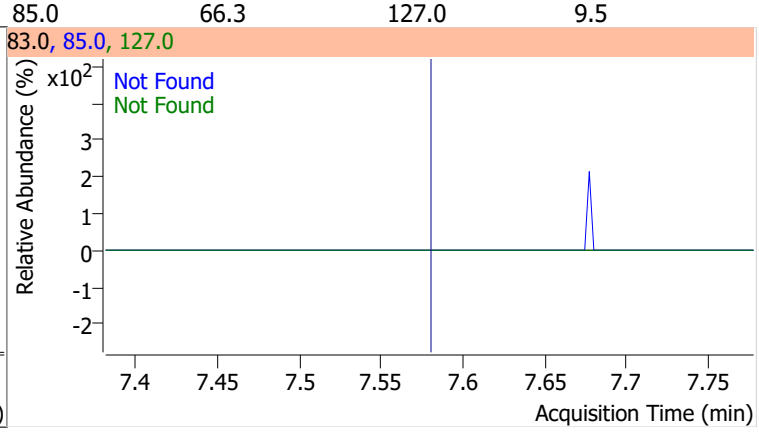
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



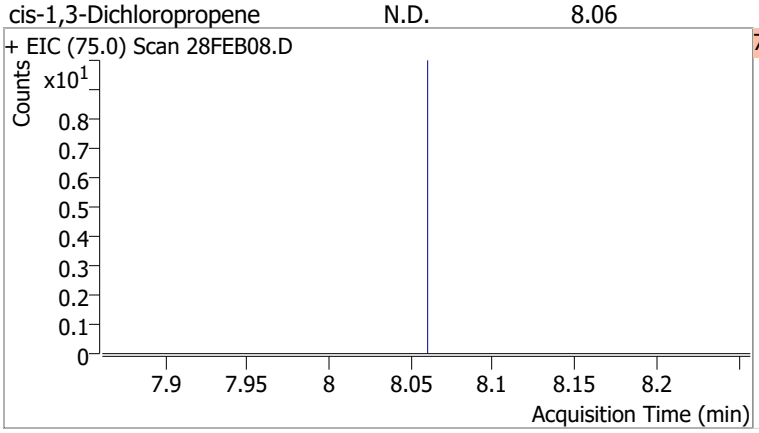


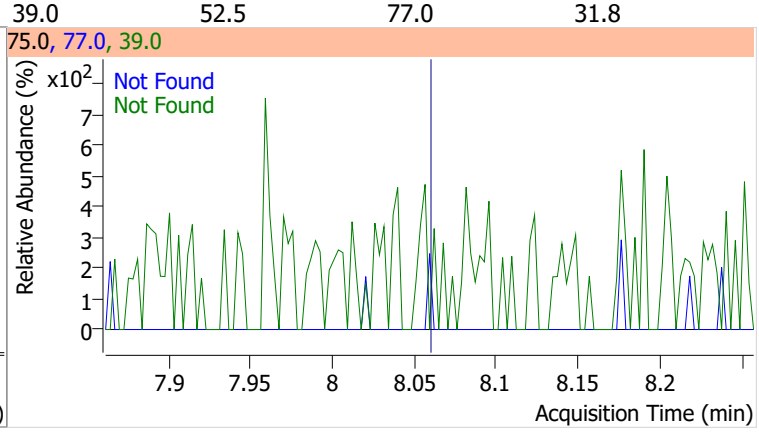
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



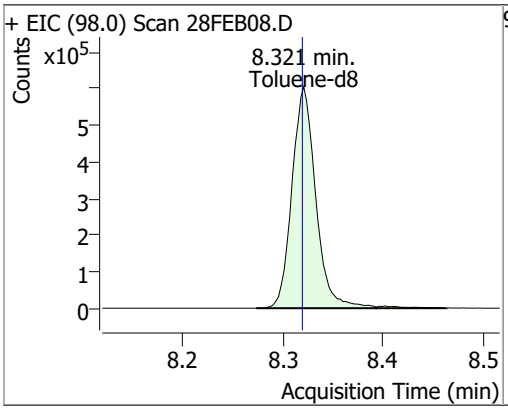


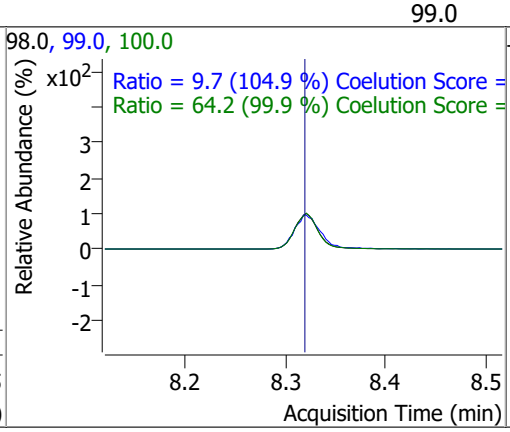
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

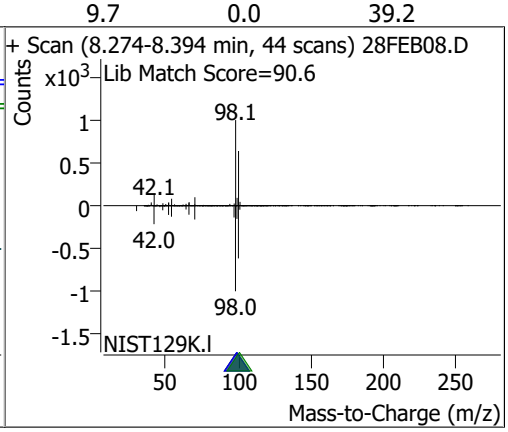




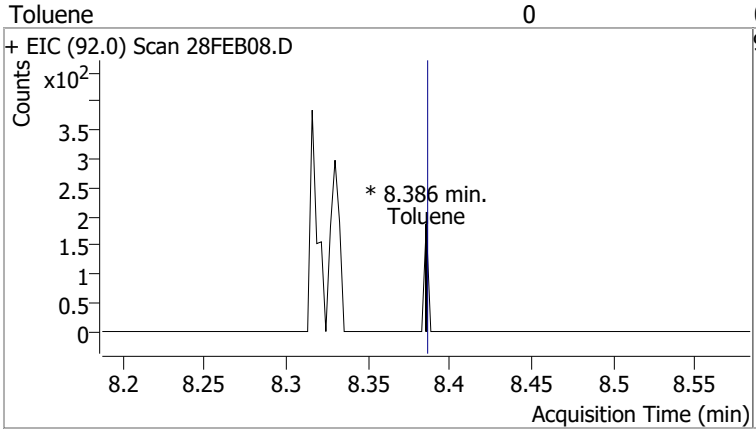
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	261.1585	8.32	0.00	993721	100.0	64.2	34.3	94.3
					99.0	9.7	0.0	39.2

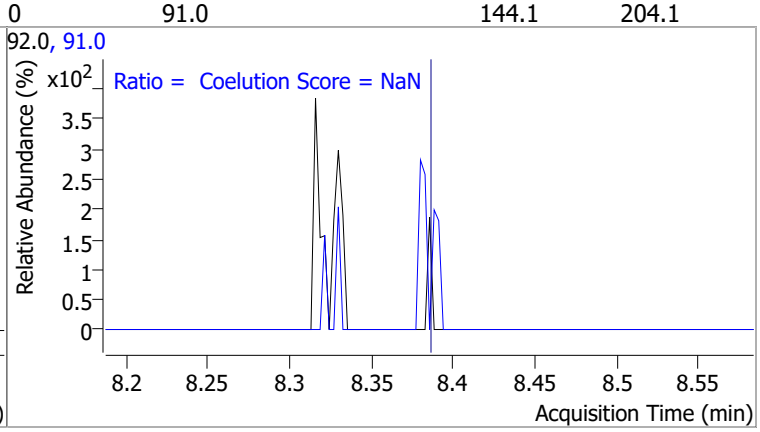




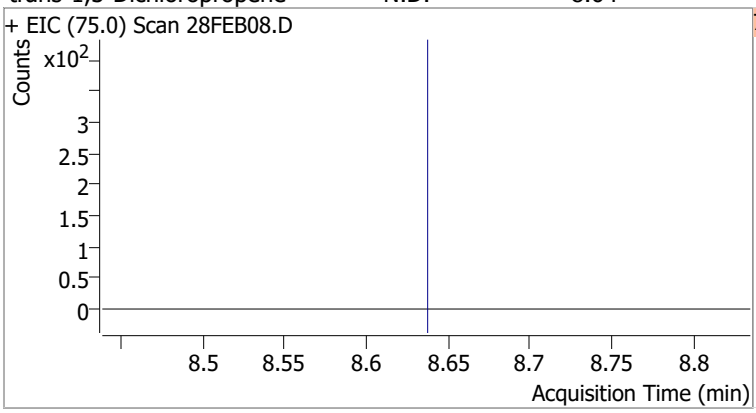


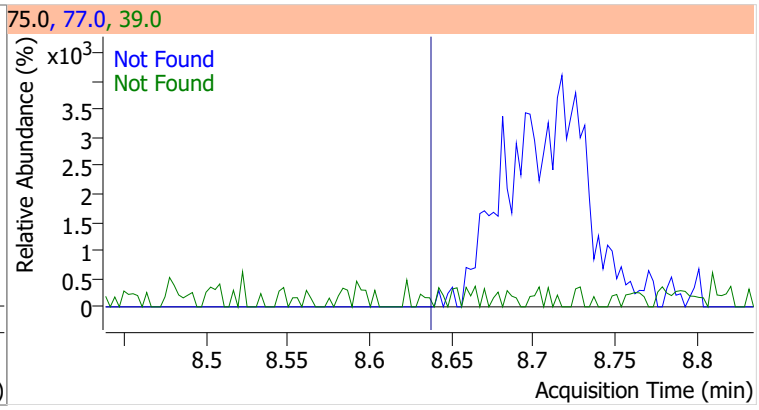
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



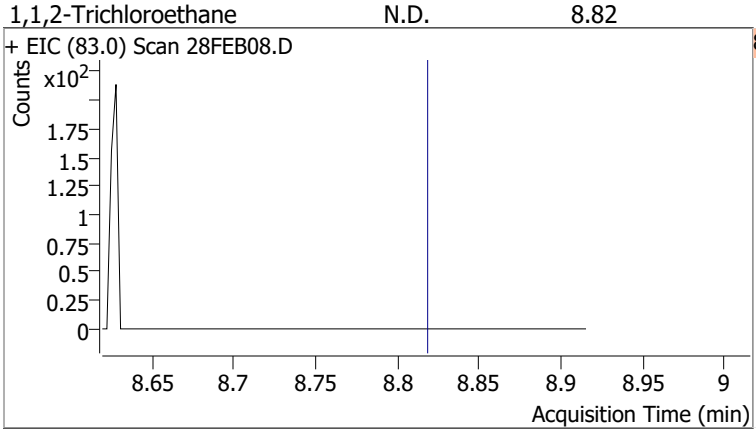


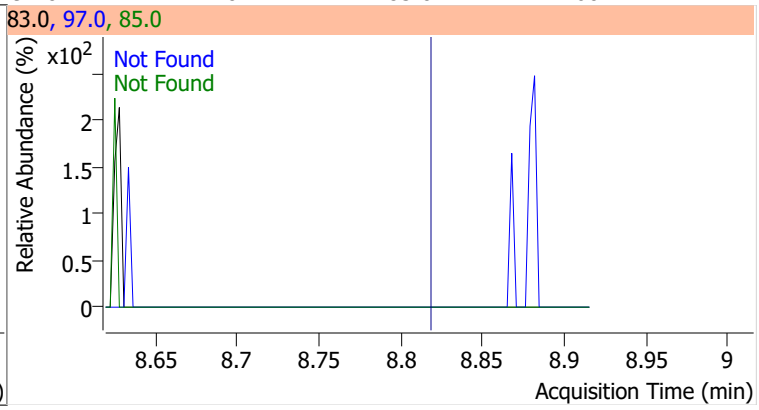
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



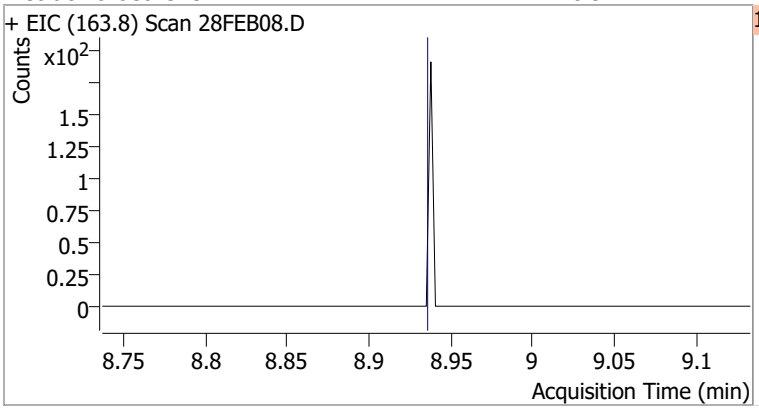


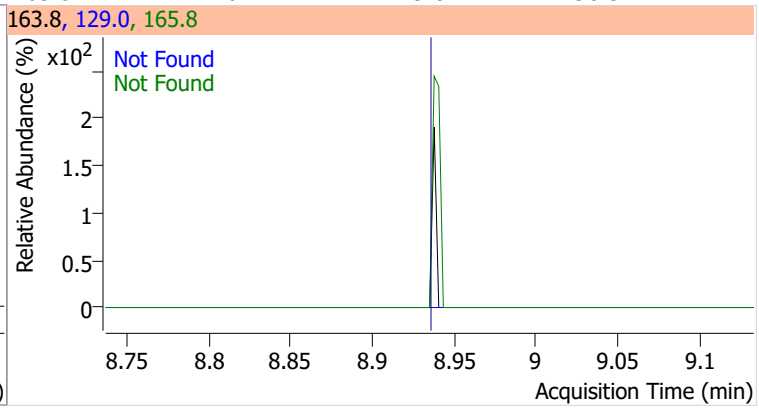
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



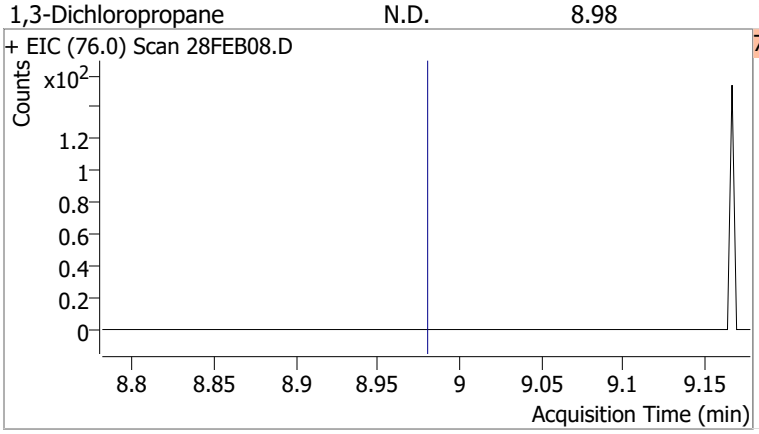


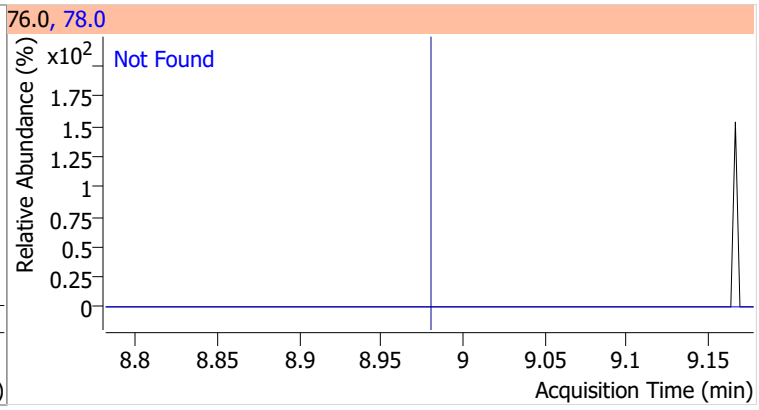
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



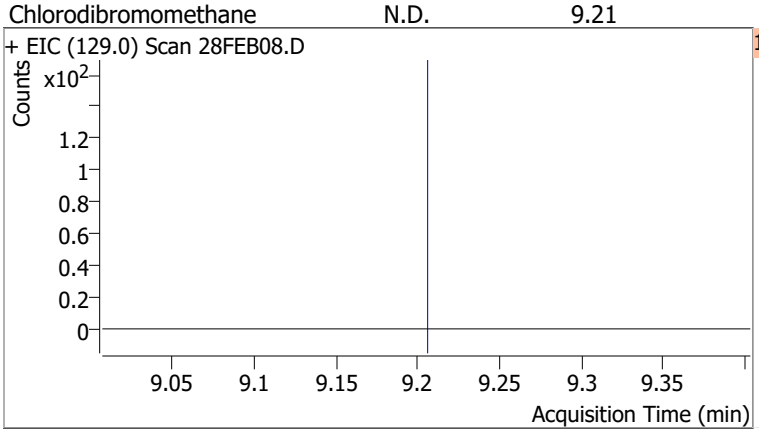


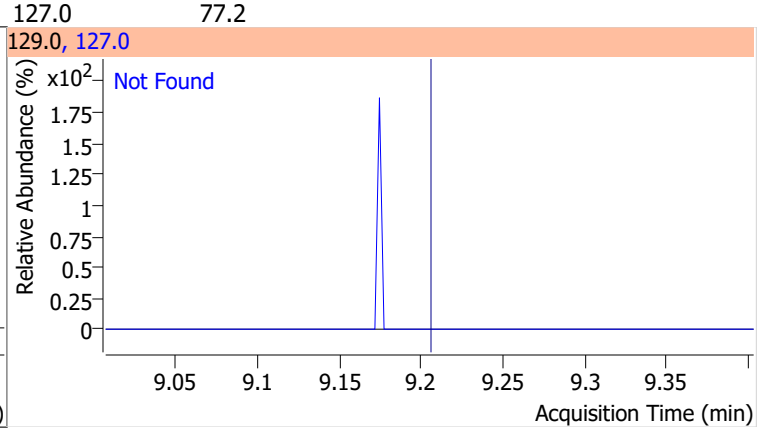
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



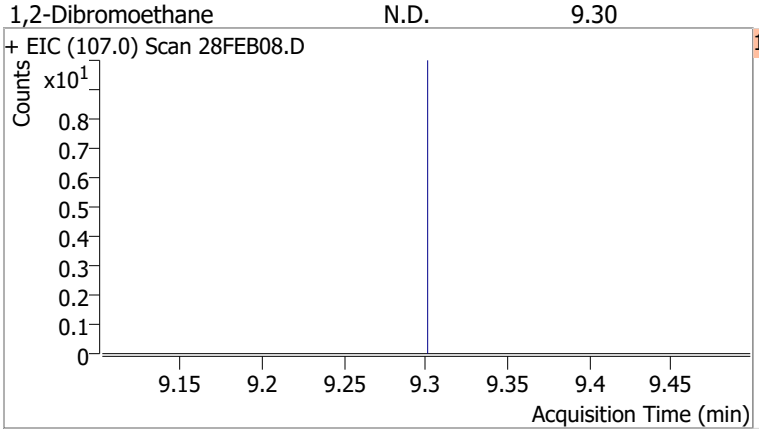


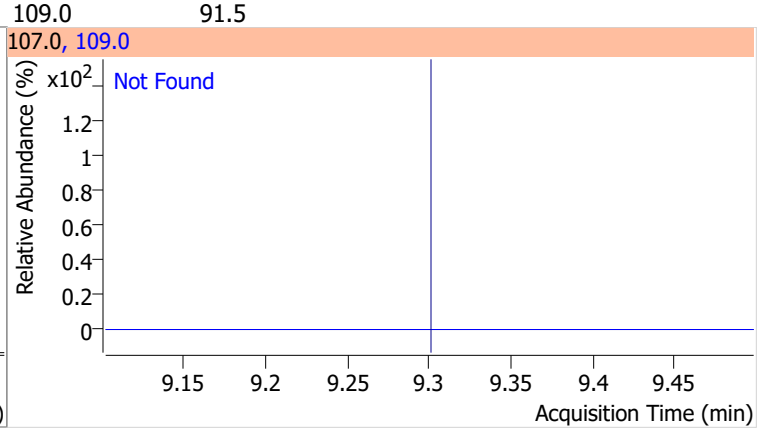
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



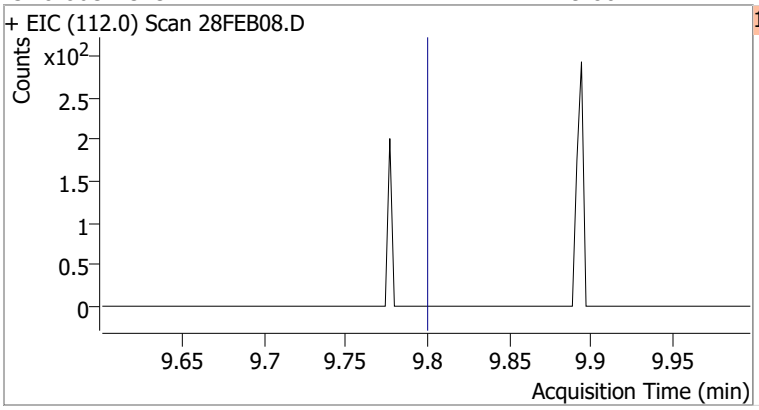


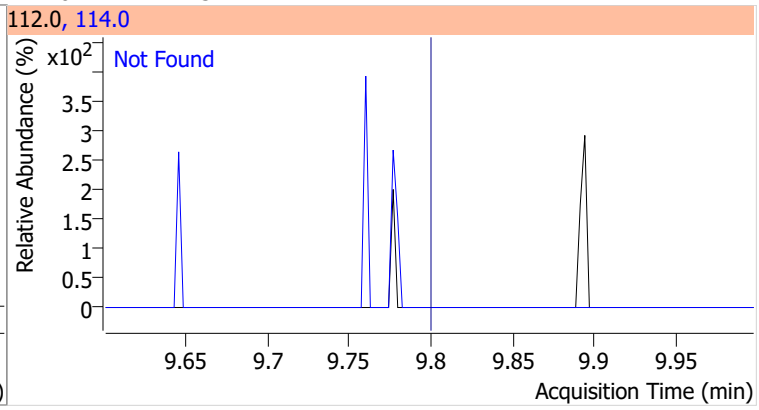
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



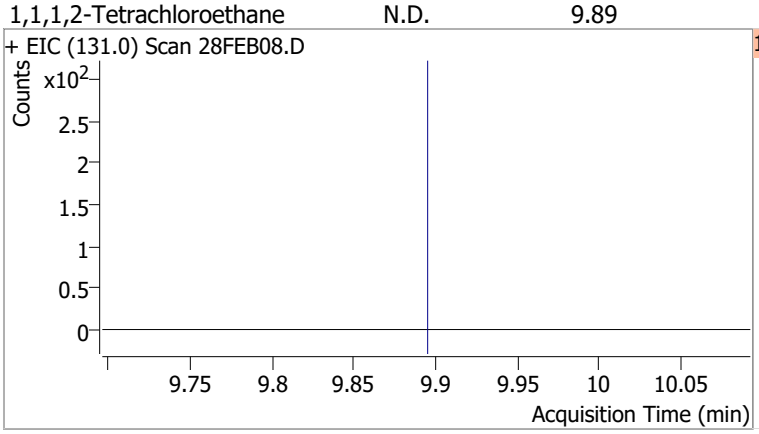


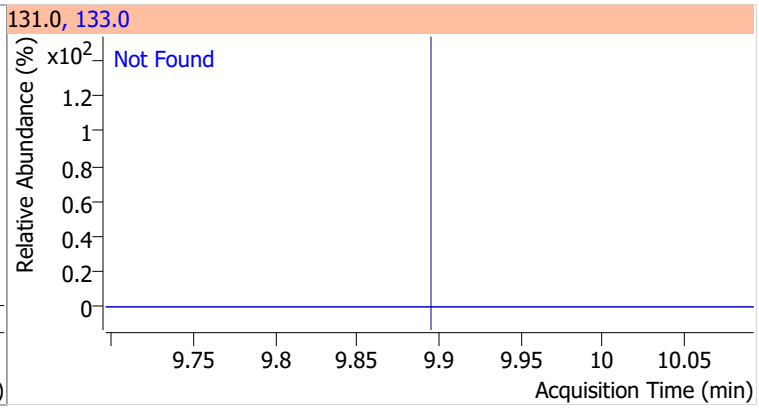
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



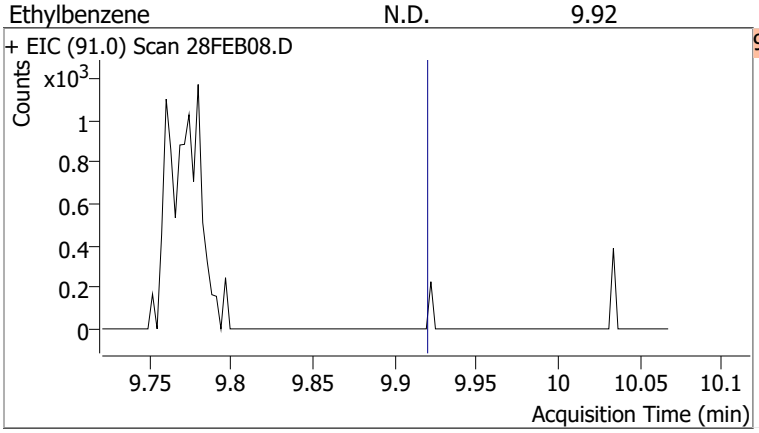


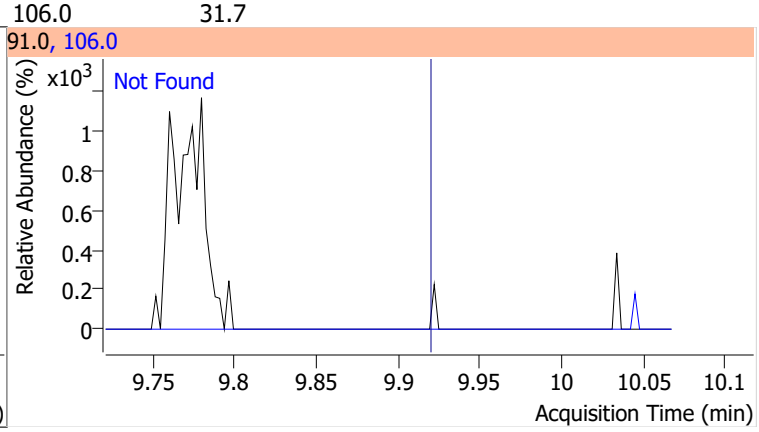
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



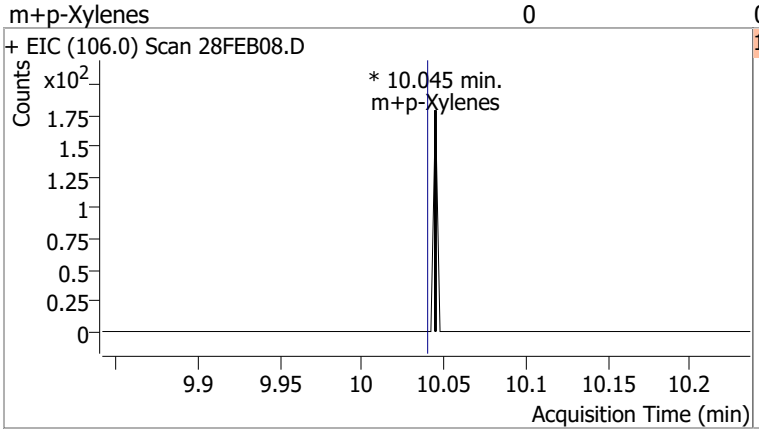


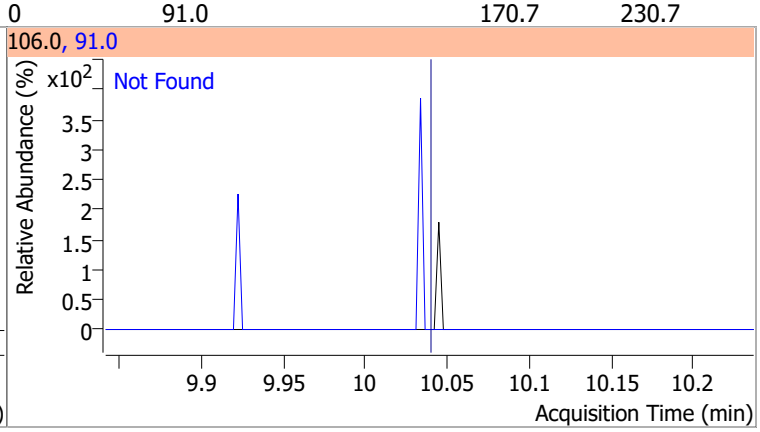
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



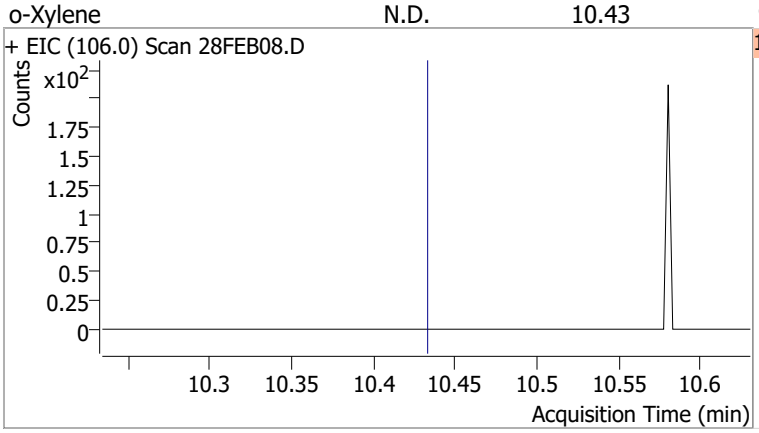


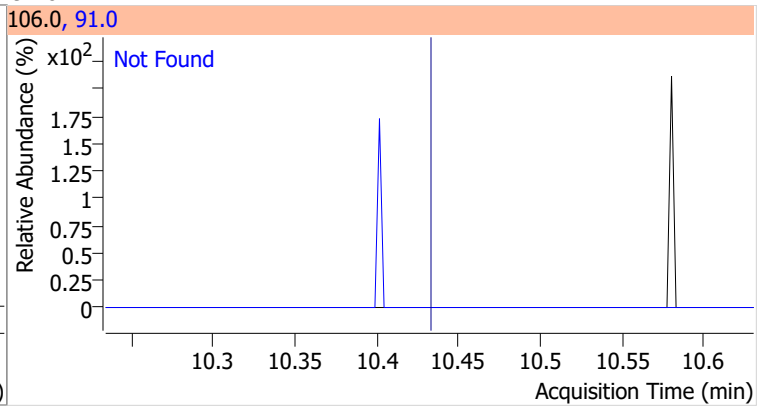
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		170.7	230.7



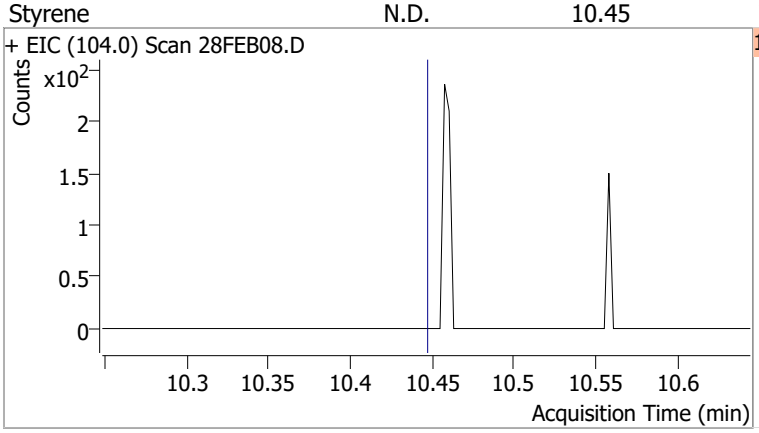


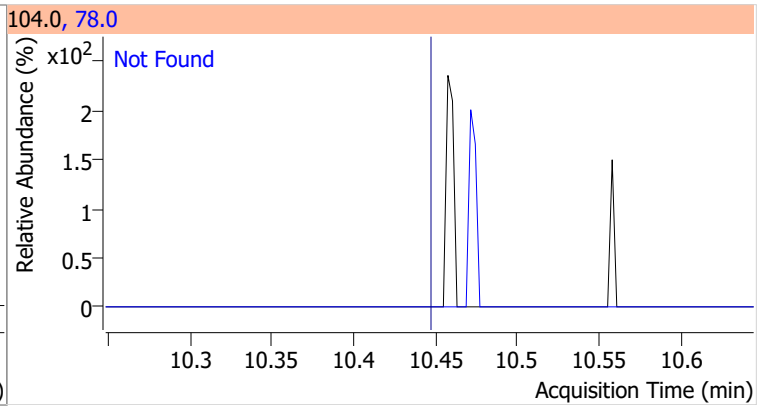
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



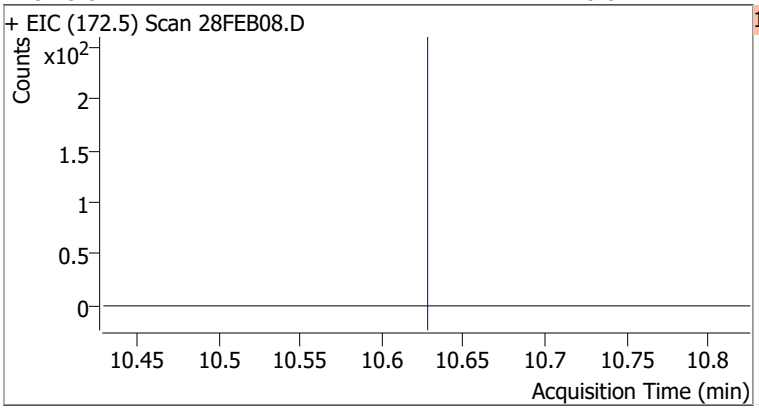


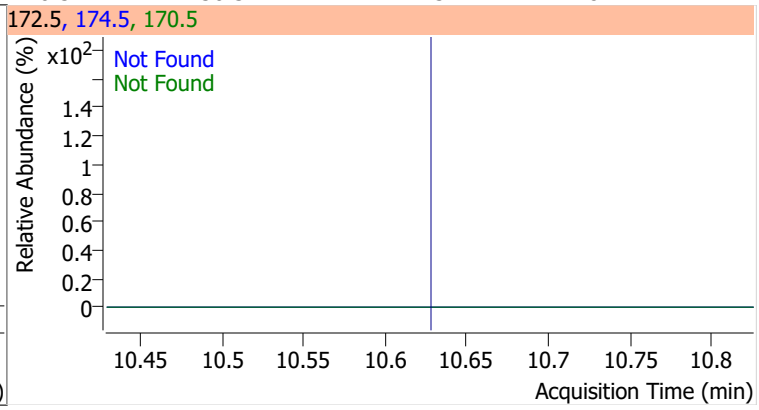
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



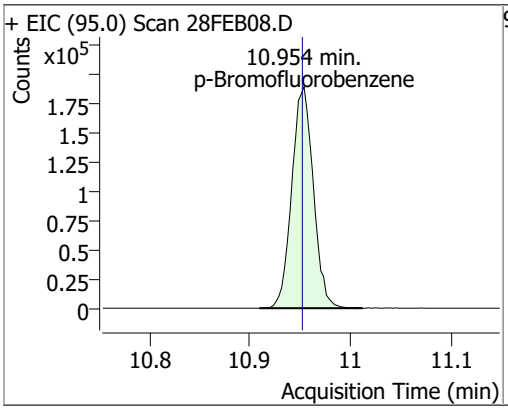


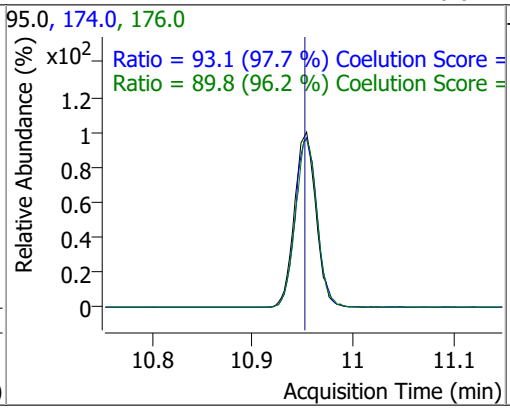
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

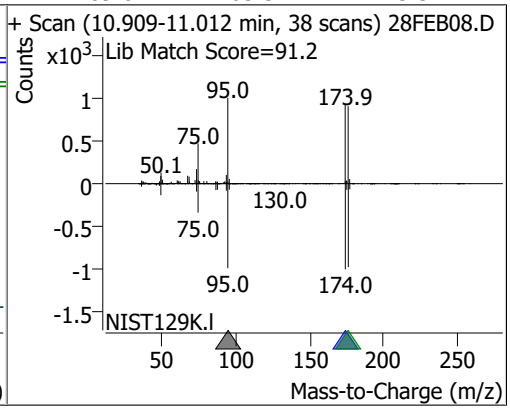




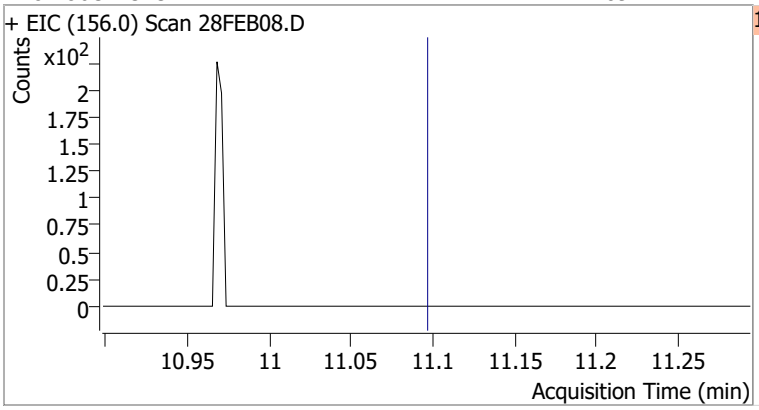
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	280.3457	10.95	0.01	281177	174.0	93.1	65.3	125.3
					176.0	89.8	63.3	123.3

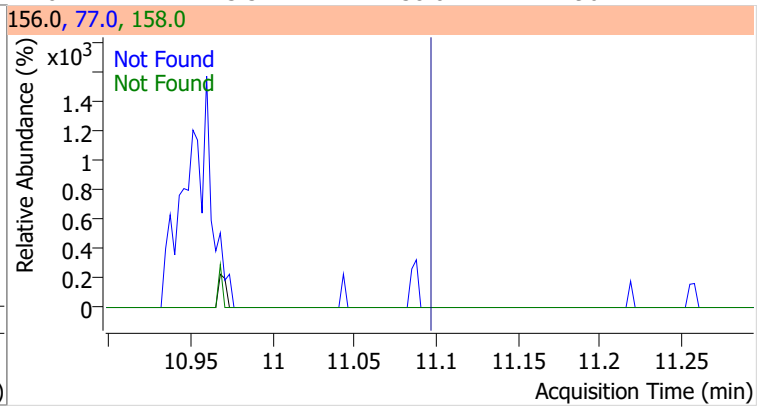




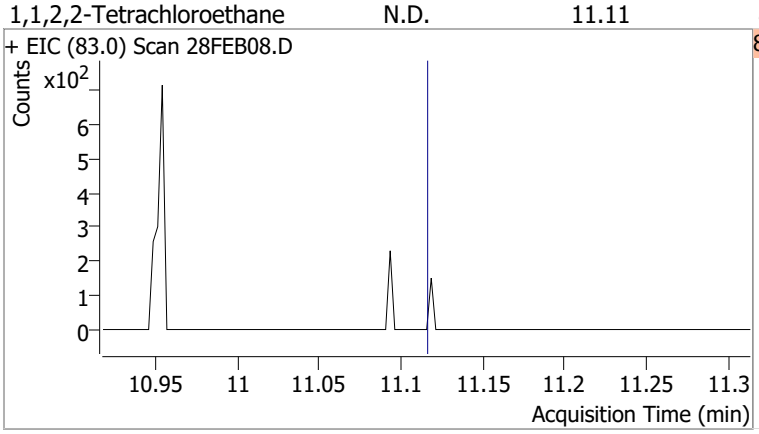


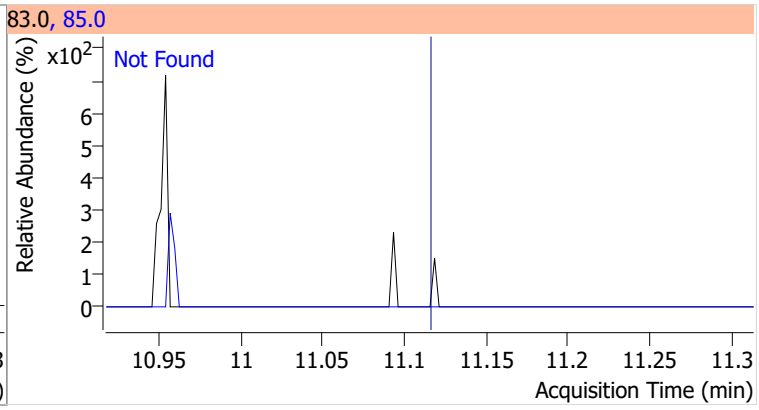
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



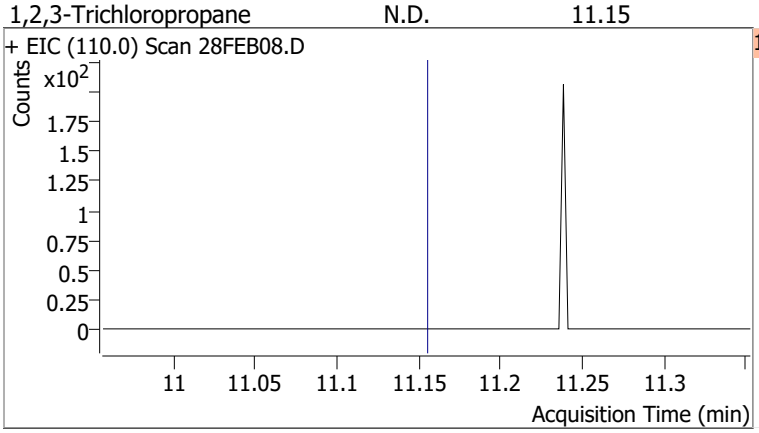


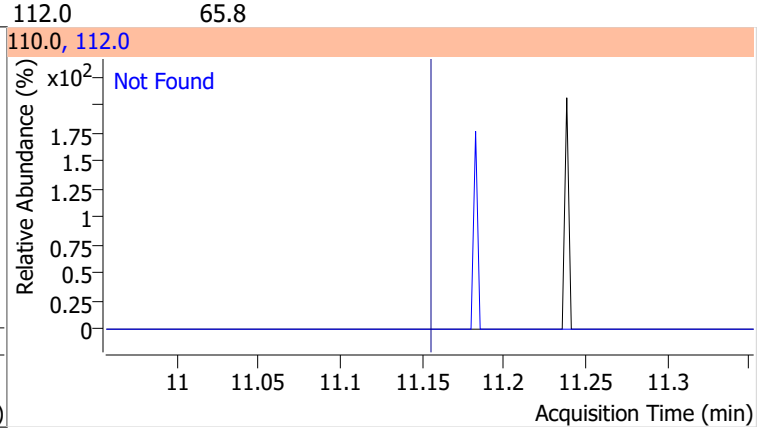
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



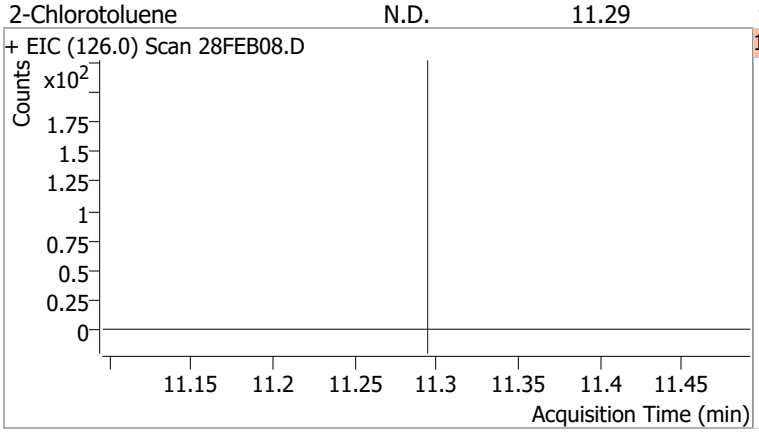


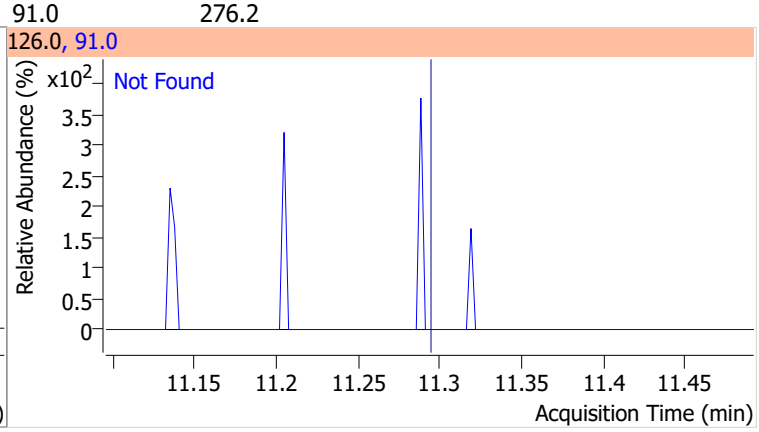
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



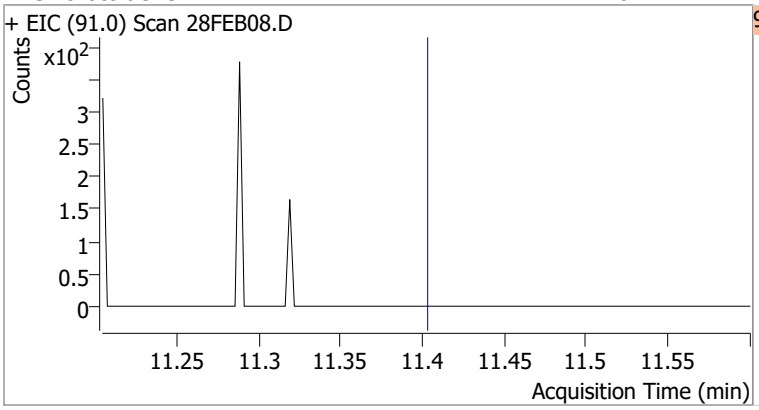


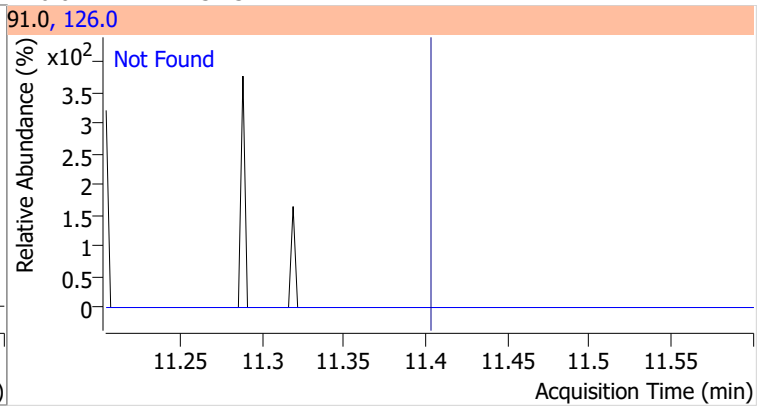
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



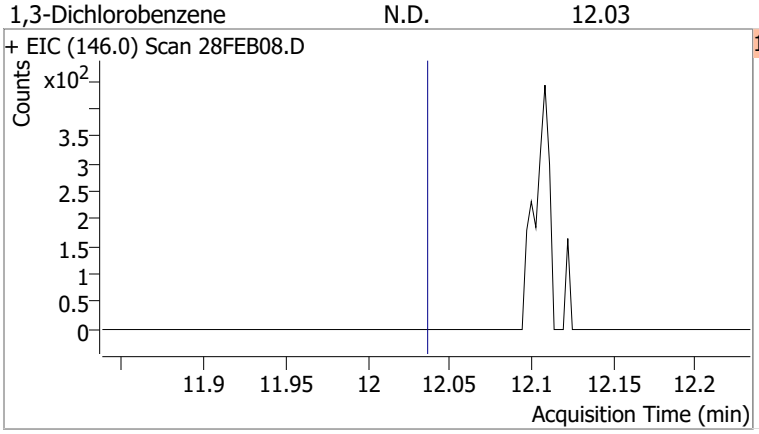


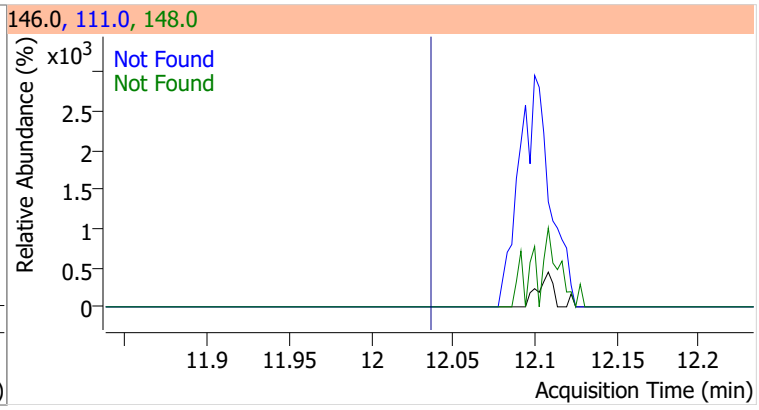
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



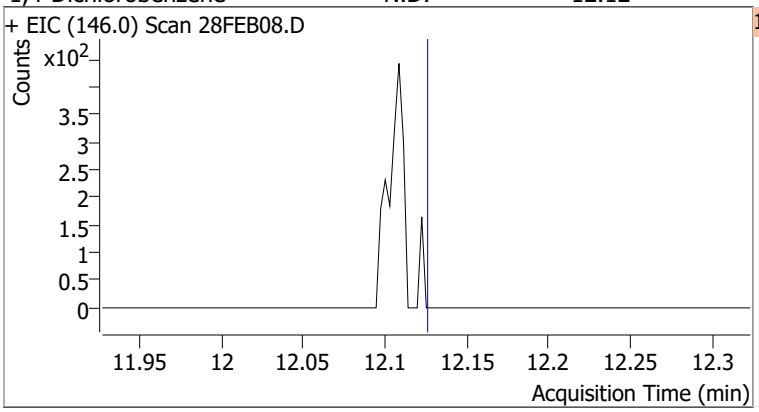


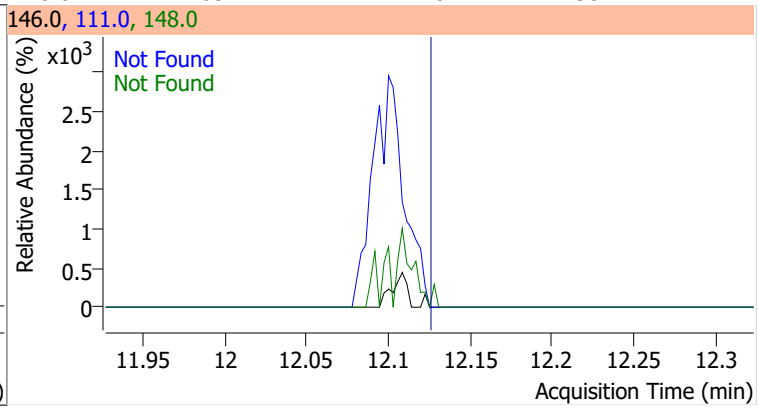
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



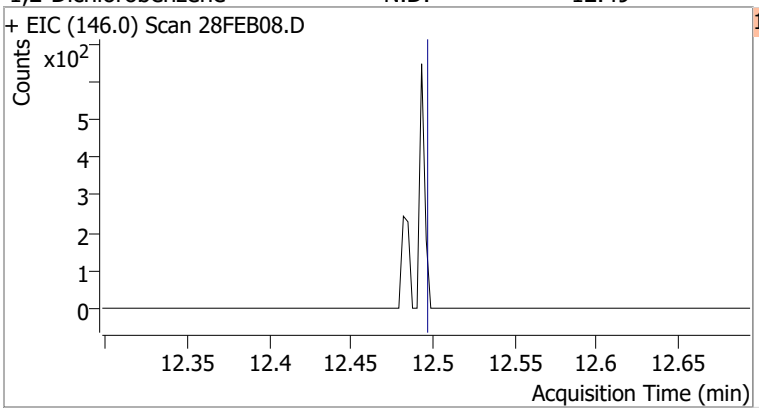


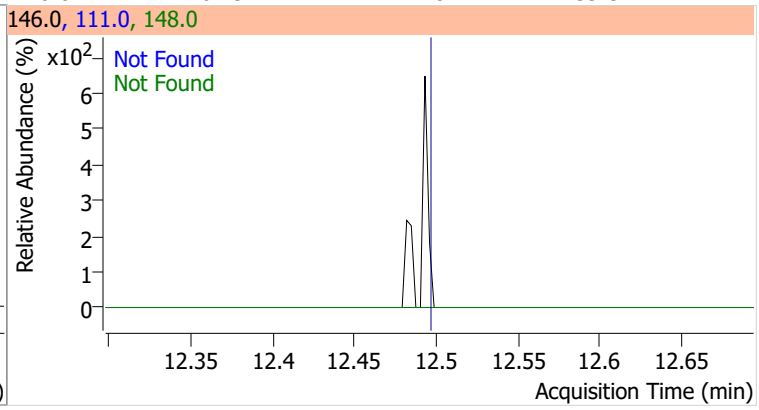
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





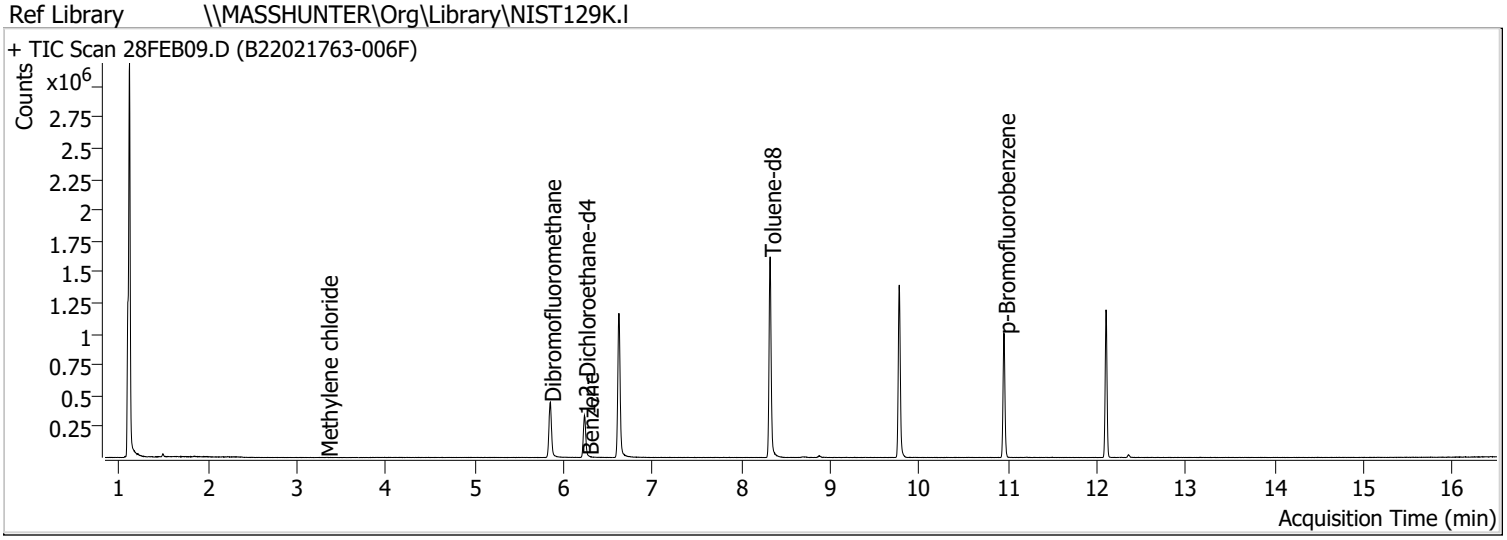
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 2:02:34 PM
Sample Name	B22021763-006F	Instrument	VOA5975C
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

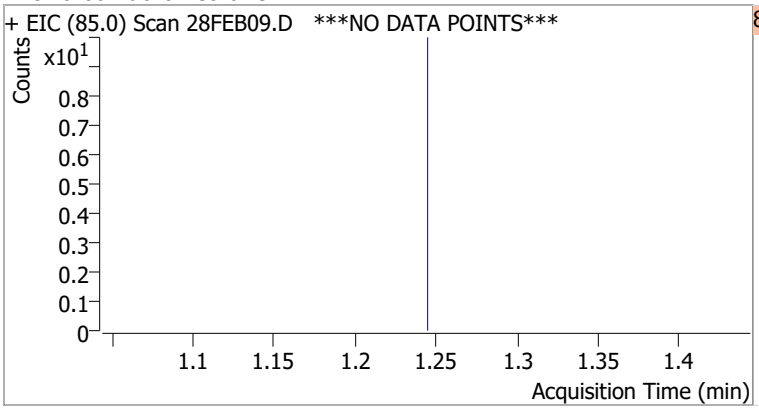


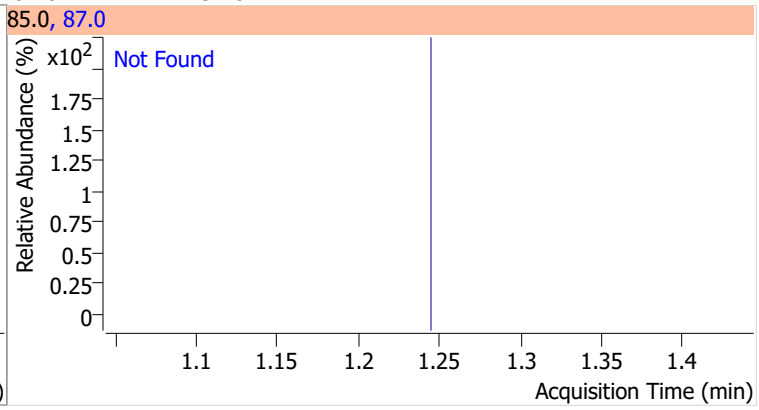
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	1011755	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	396016	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	276432	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	273893	279.4918	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 111.80%			
S 1,2-Dichloroethane-d4	6.233	67.0	124726	294.6374	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 117.85%			
S Toluene-d8	8.322	98.0	1011234	261.7392	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.70%			
S p-Bromofluorobenzene	10.954	95.0	281279	275.5878	ng		0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 110.24%			
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	3.335	49.0	808	0.5465	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	6.269	78.0	473	0.1171	ng	m	64
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	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	10.037	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.			

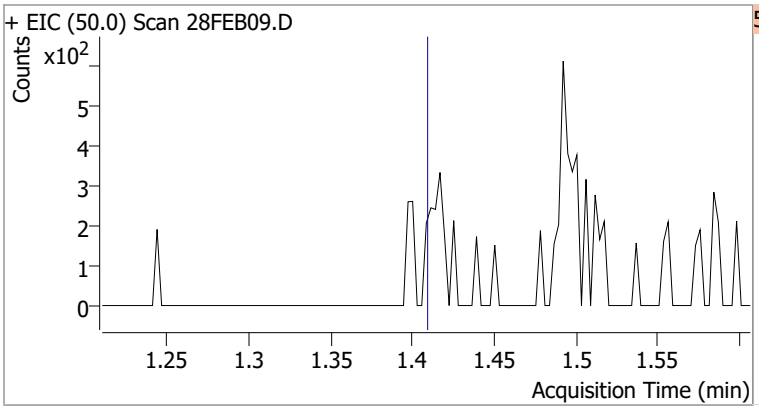
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

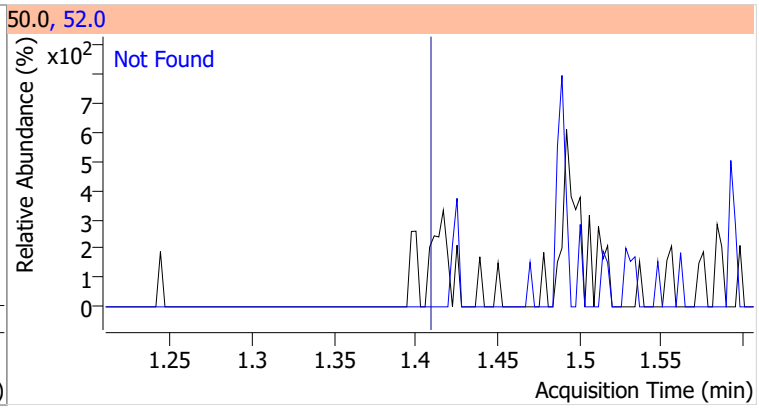
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



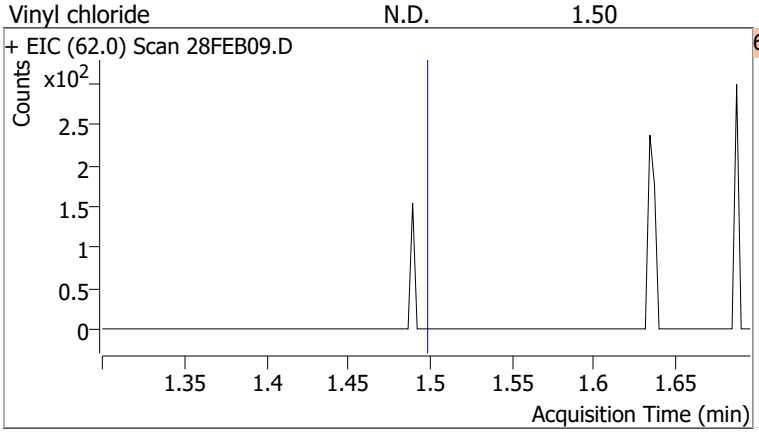


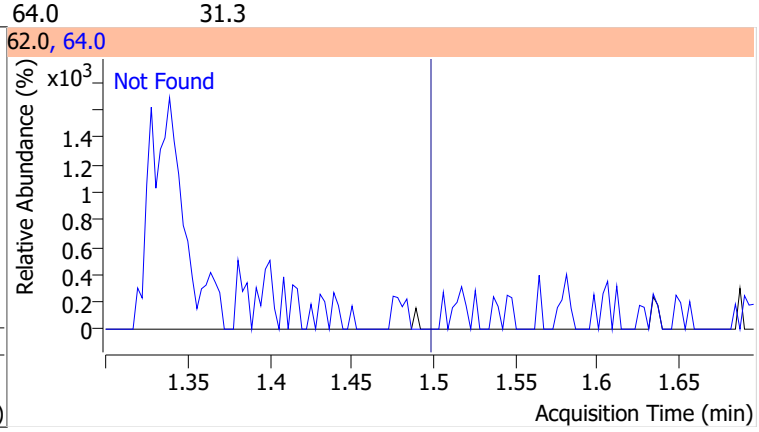
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



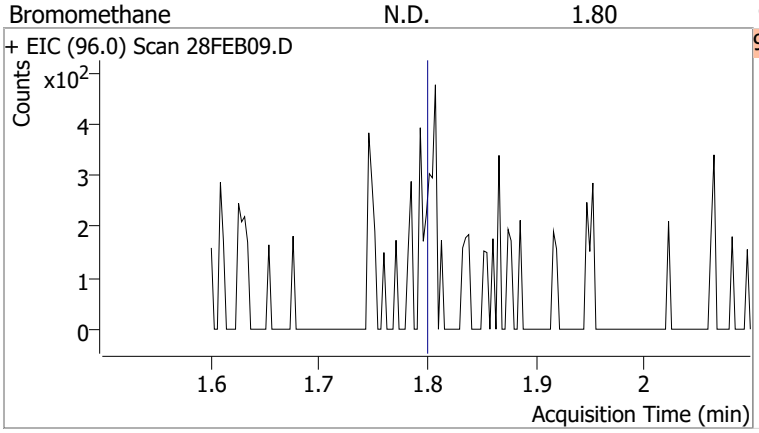


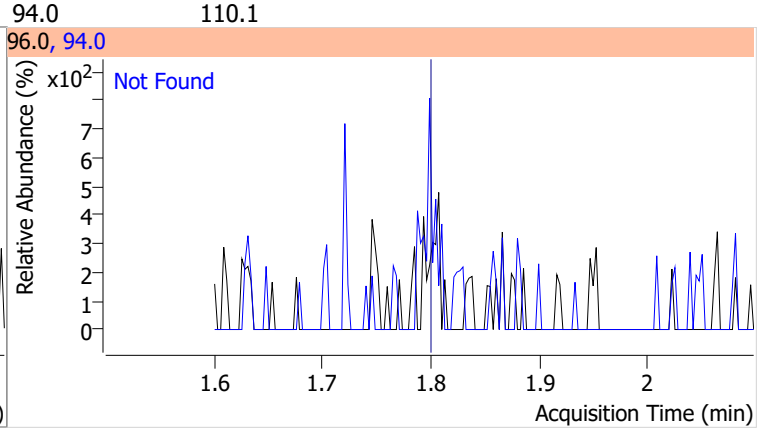
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



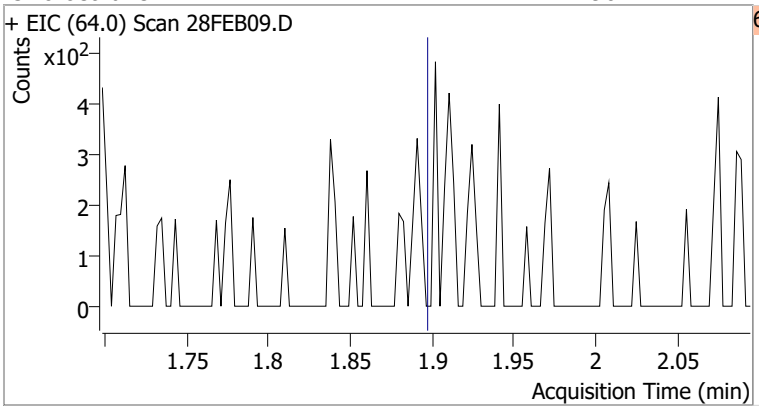


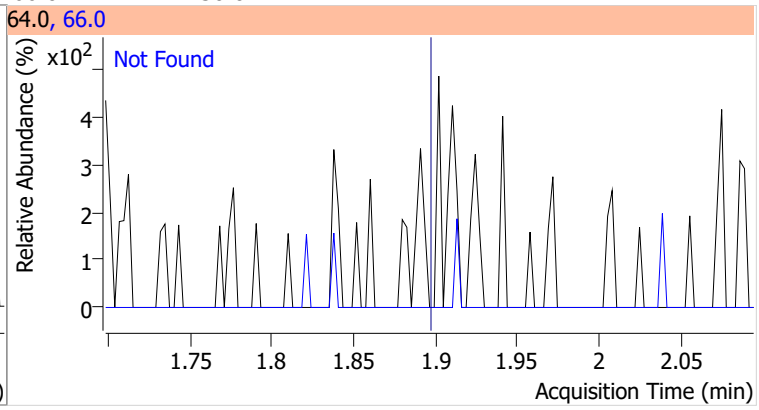
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



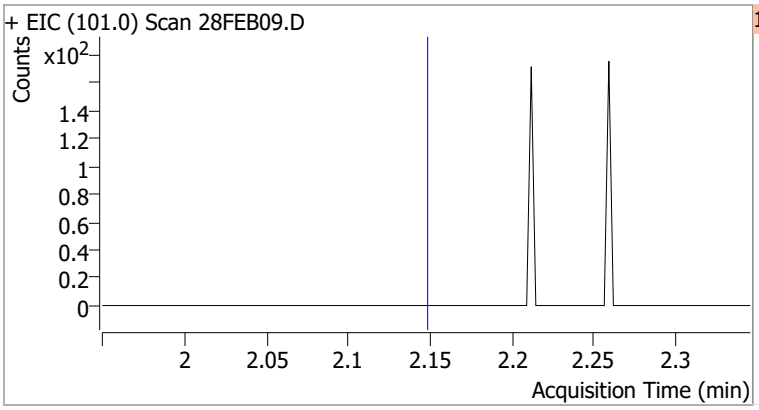


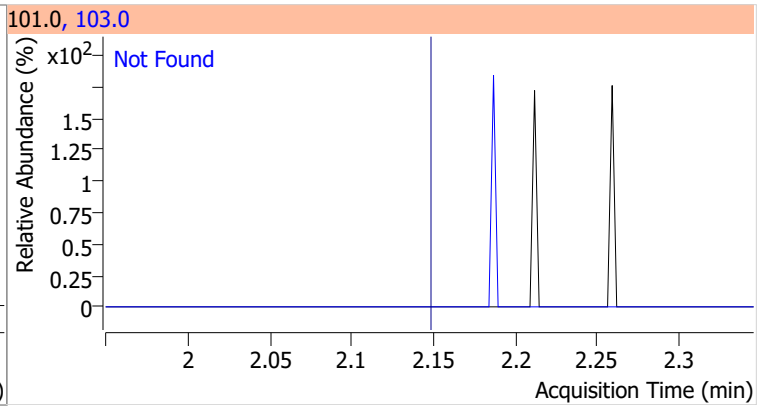
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



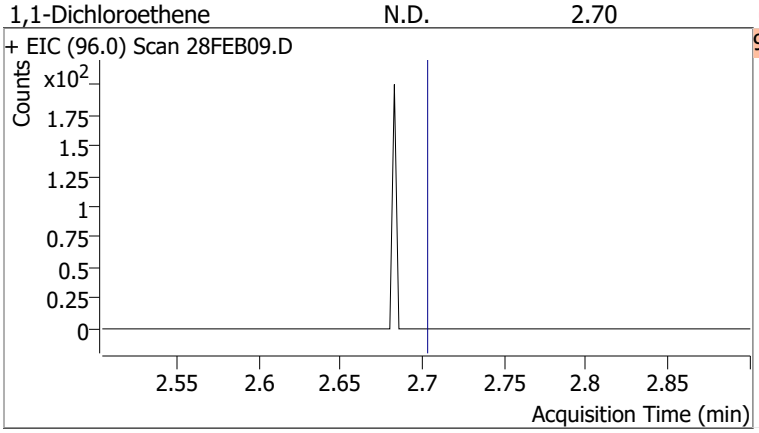


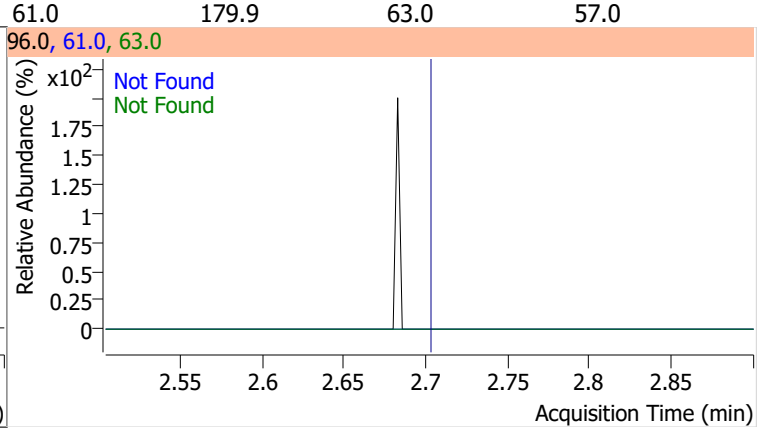
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



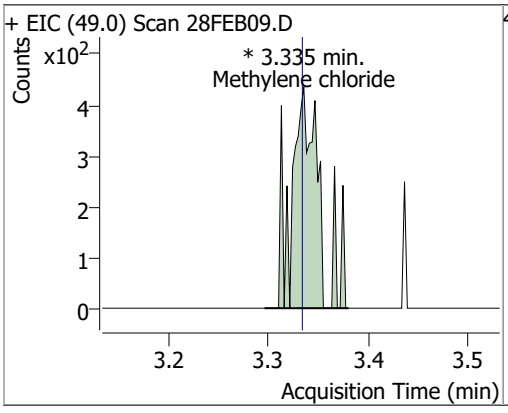


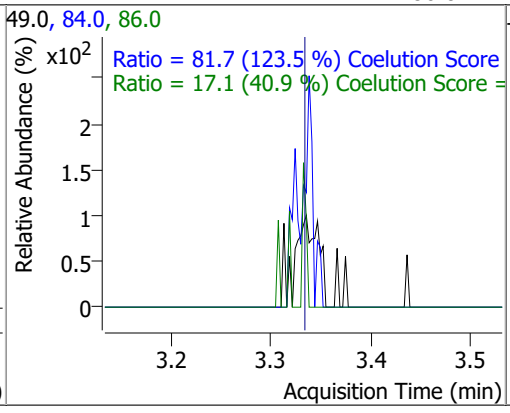
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

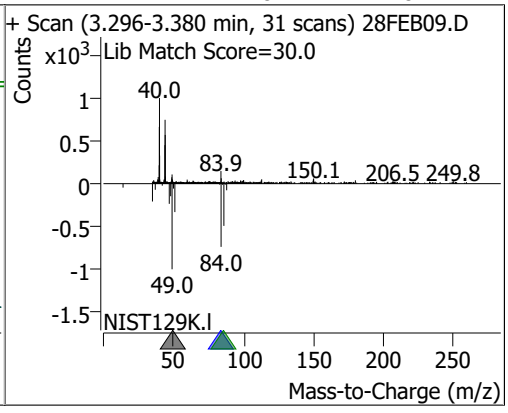




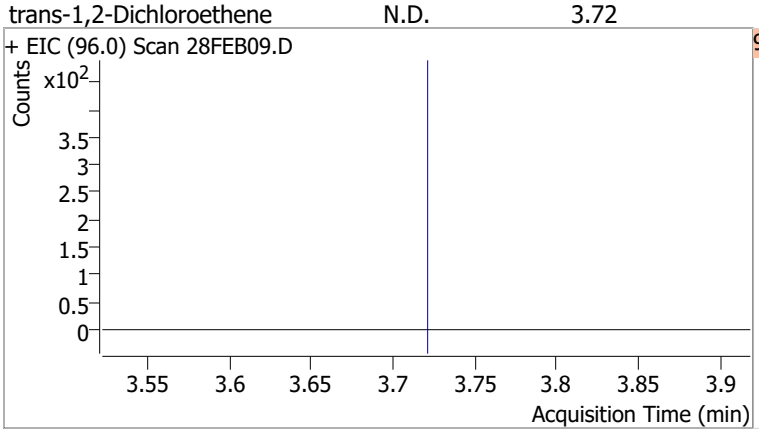
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.5465	3.34	0.00	808 (m)	84.0	81.7	36.1	96.1
					86.0	17.1	11.8	71.8

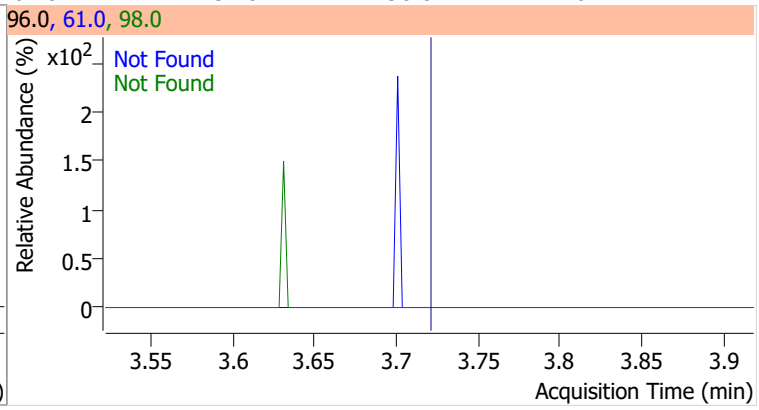




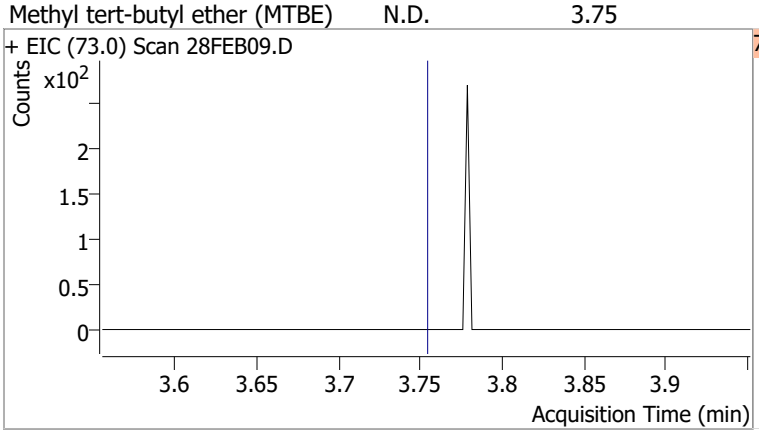


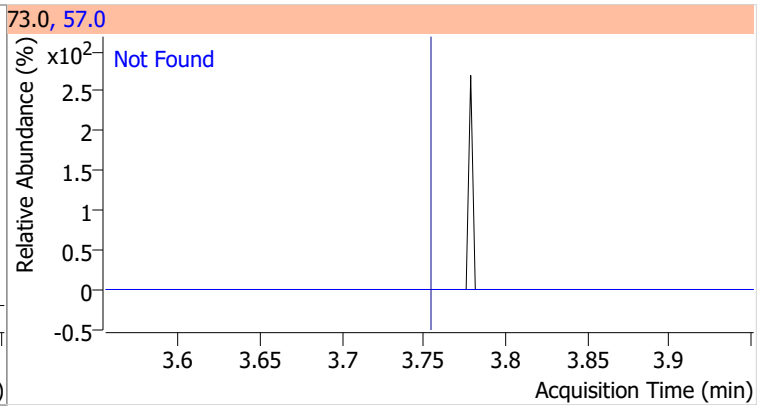
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



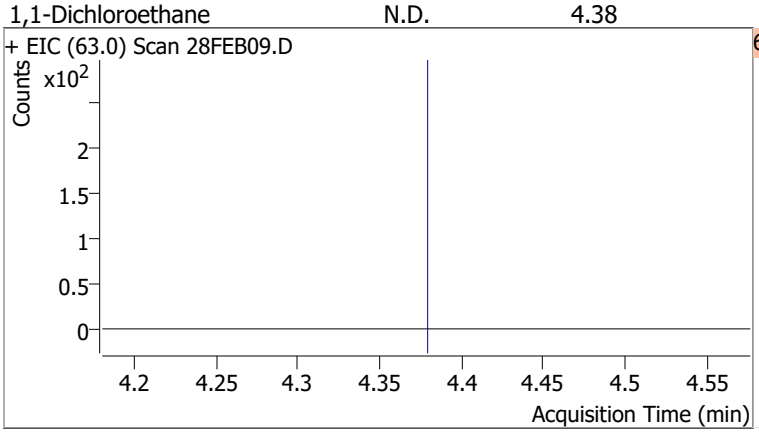


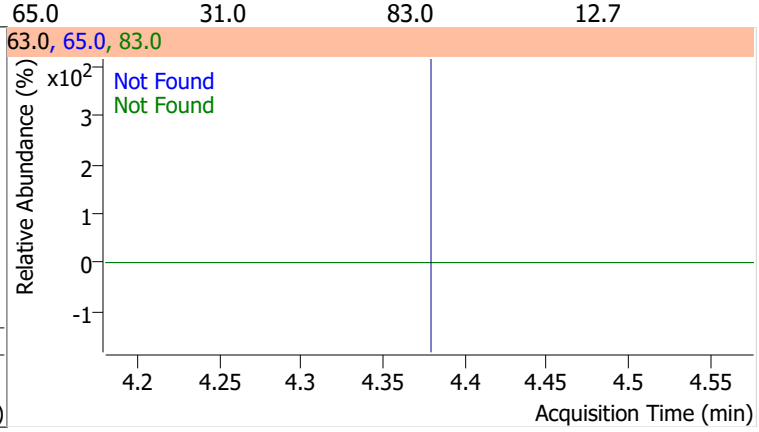
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



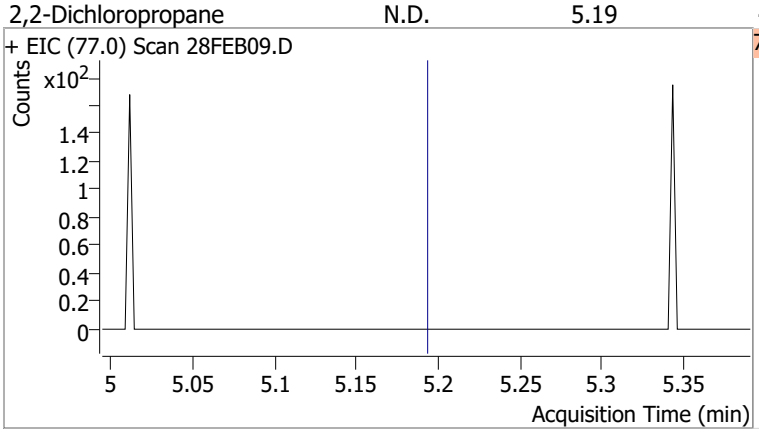


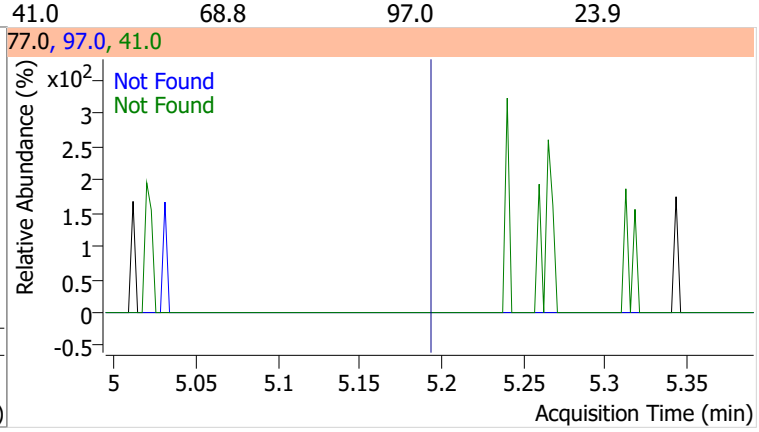
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



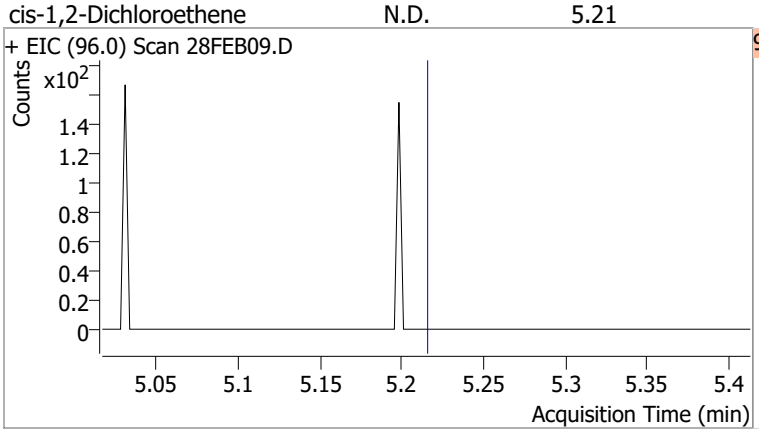


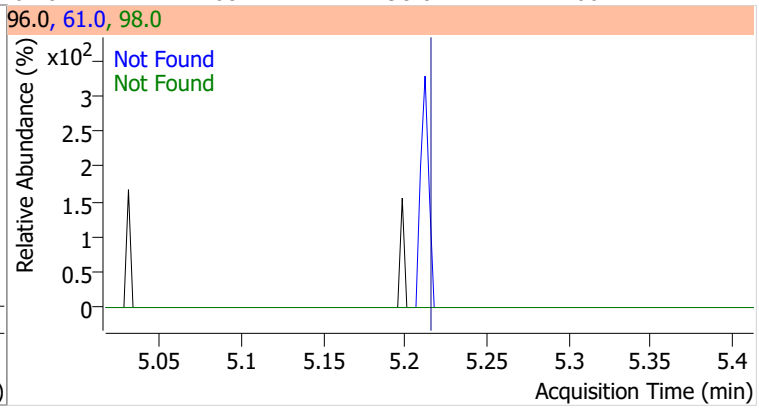
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



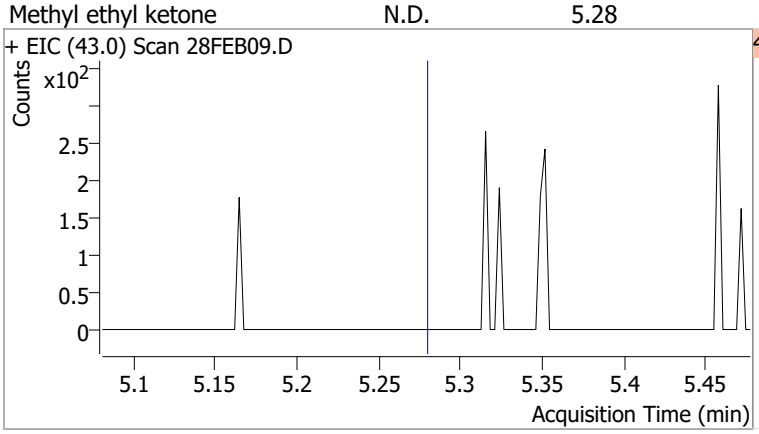


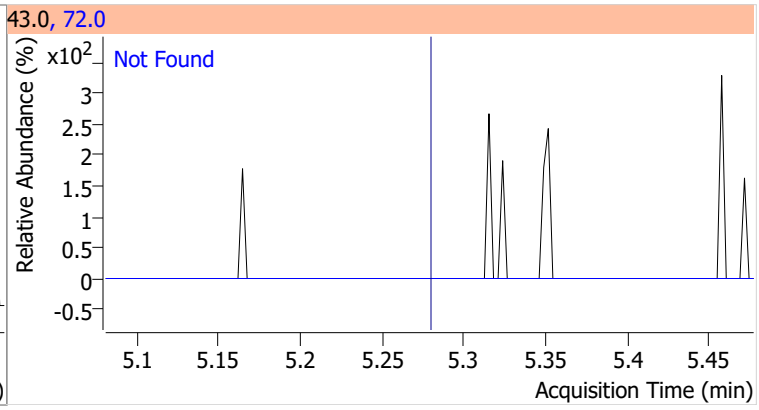
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



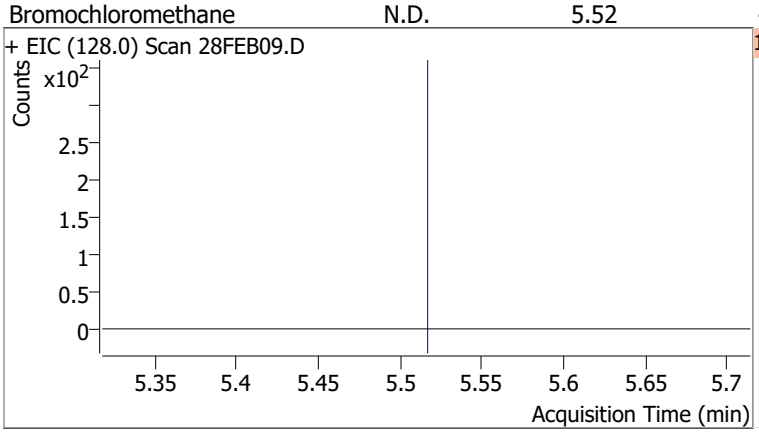


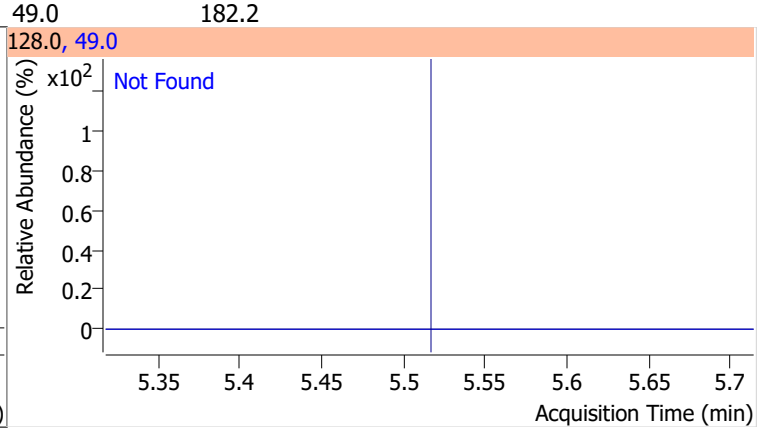
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



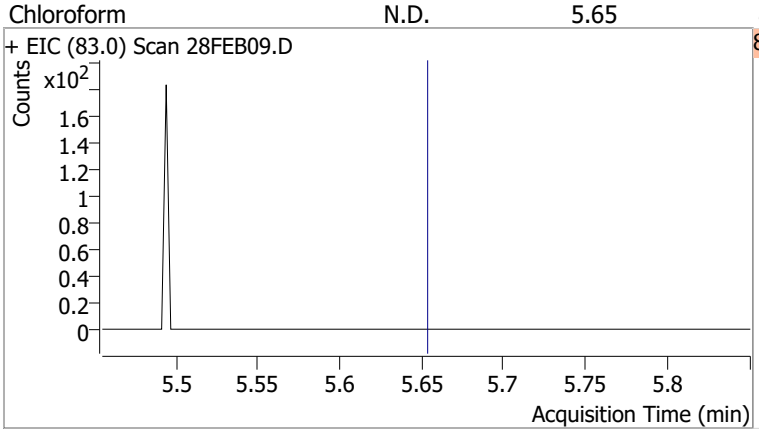


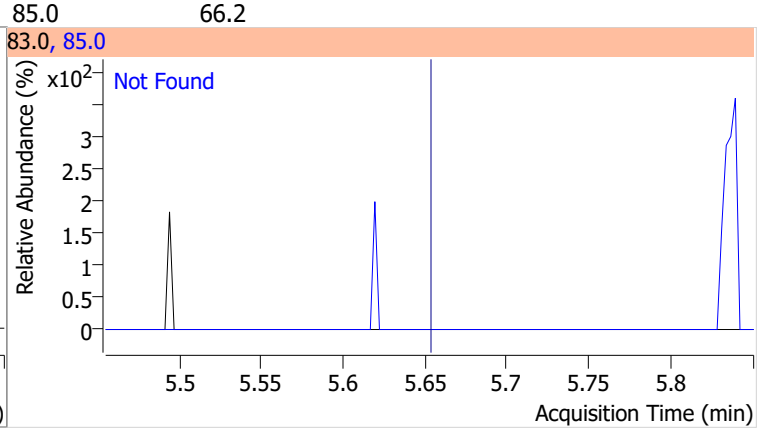
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



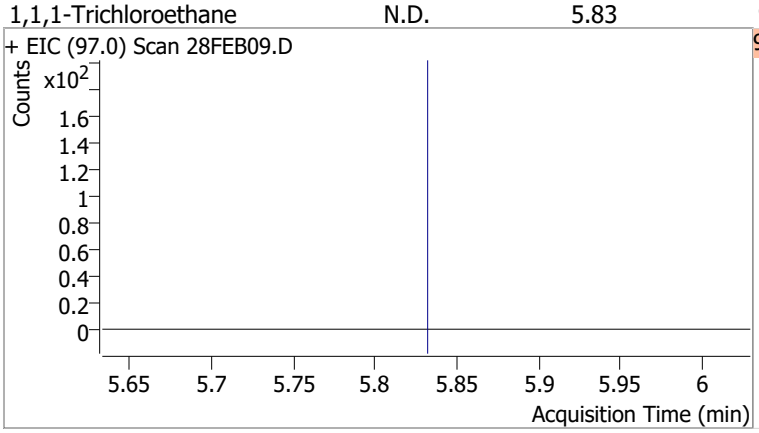


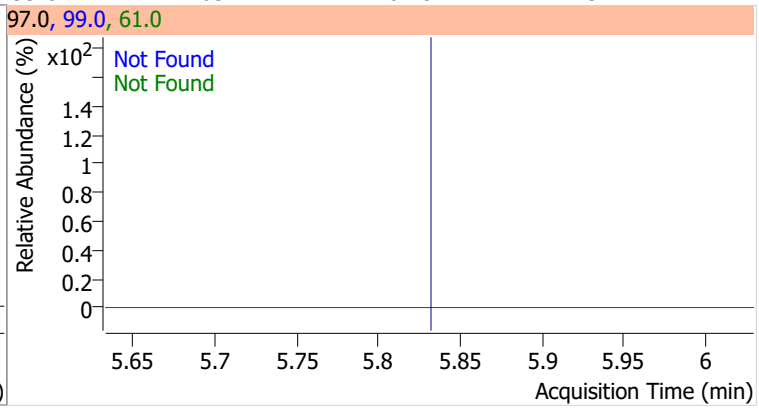
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



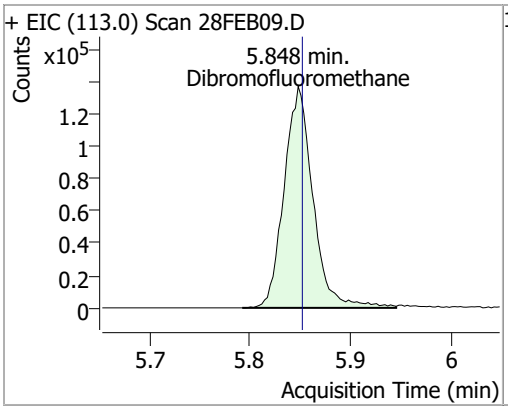


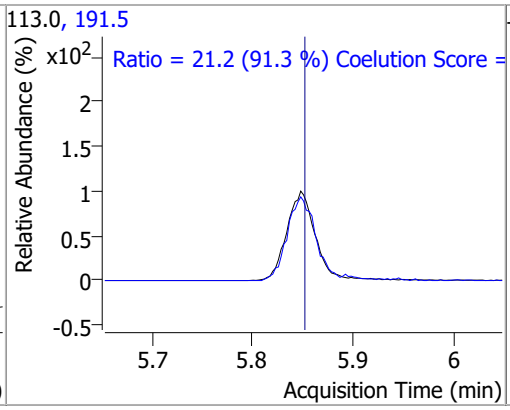
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

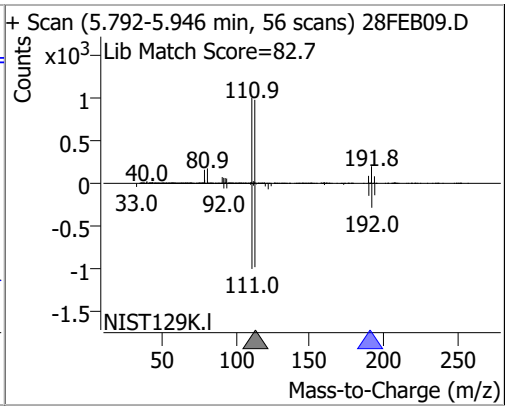




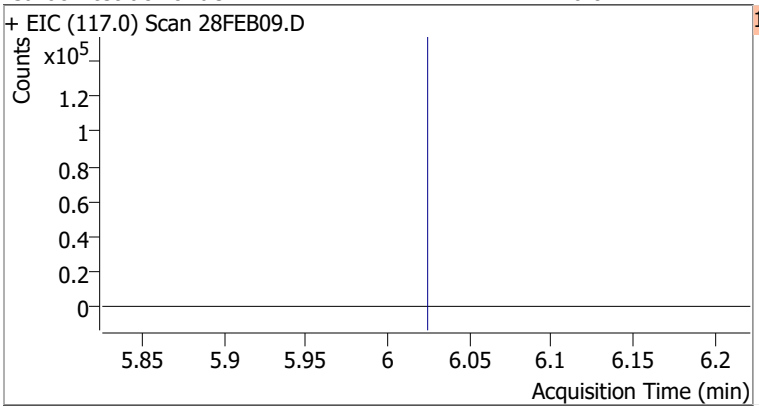
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	279.4918	5.85	0.00	273893	191.5	21.2	0.0	53.2

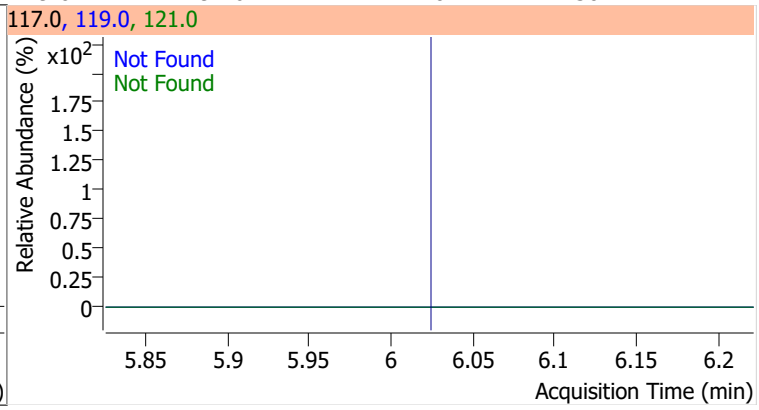




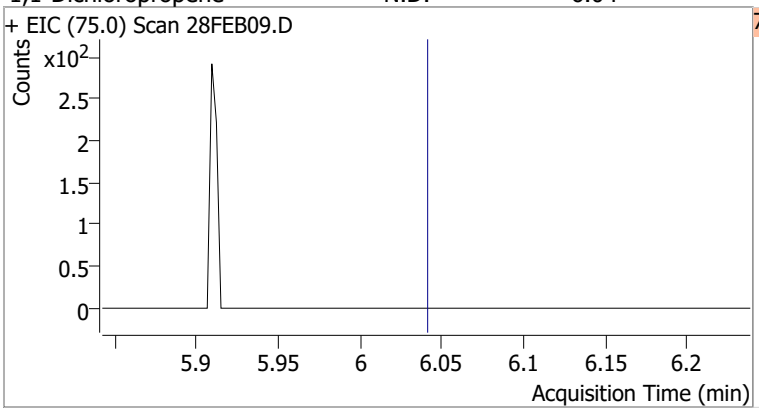


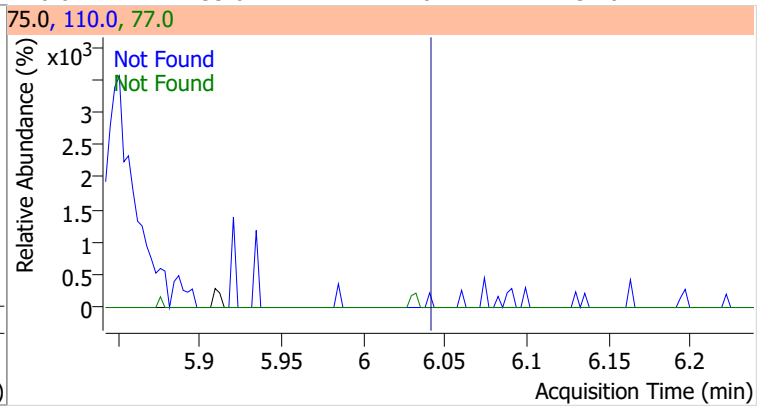
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



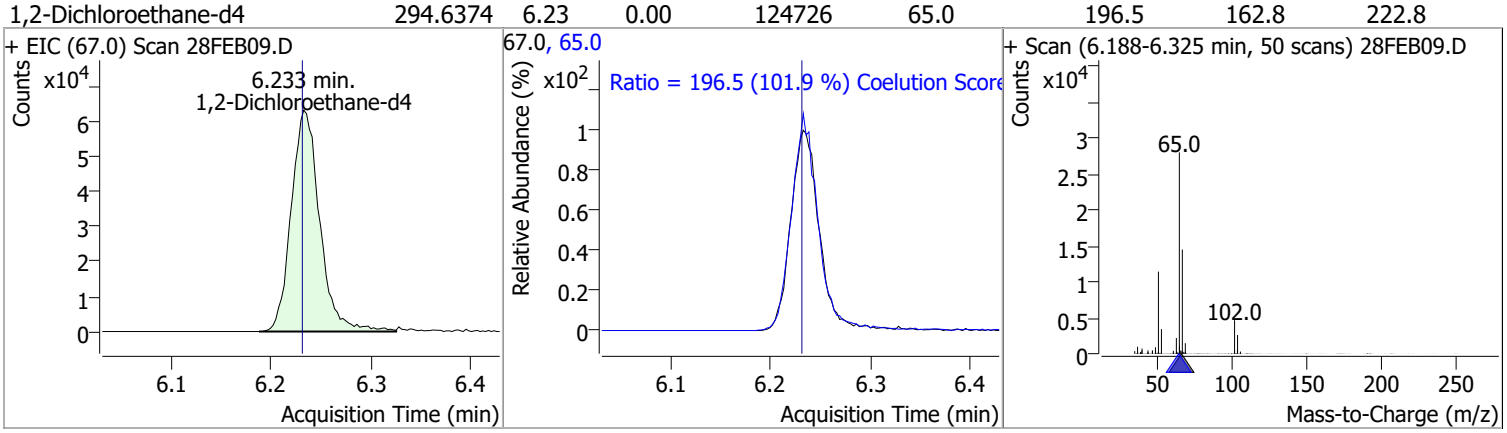


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

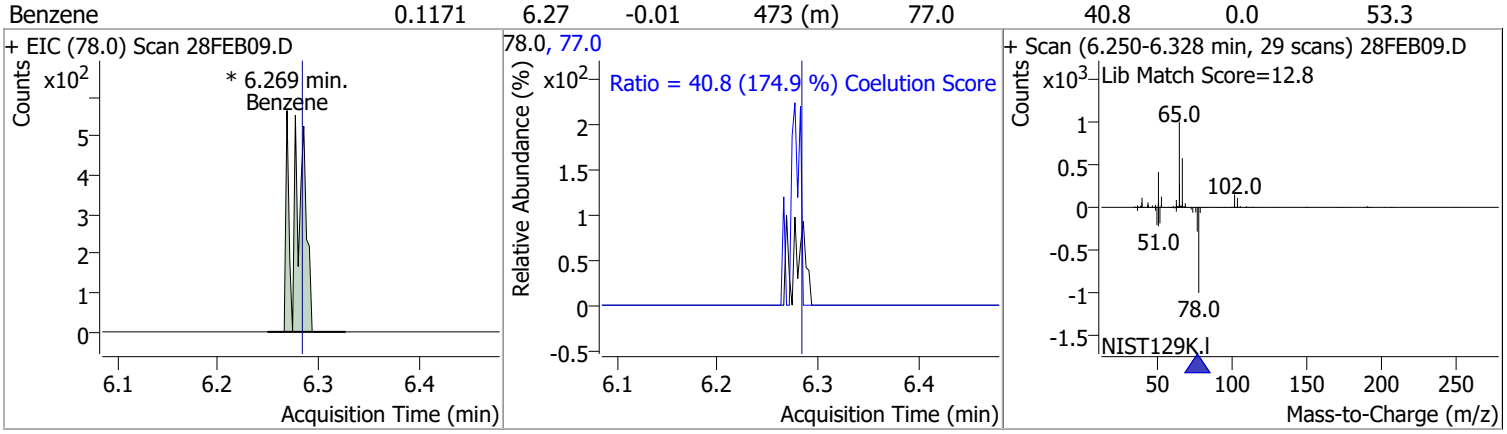




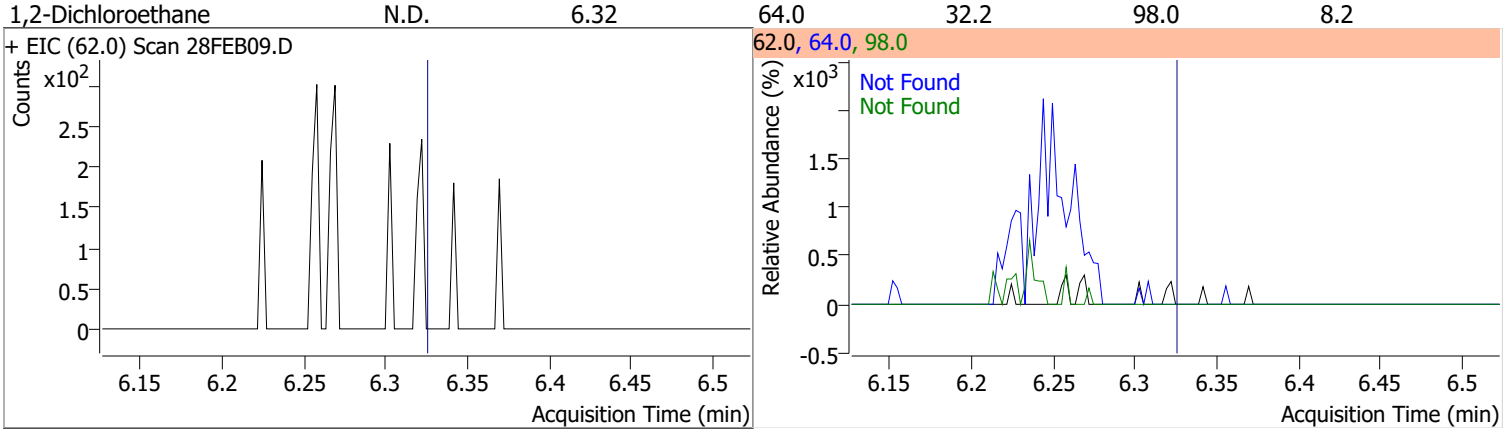
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	294.6374	6.23	0.00	124726	65.0	196.5	162.8	222.8



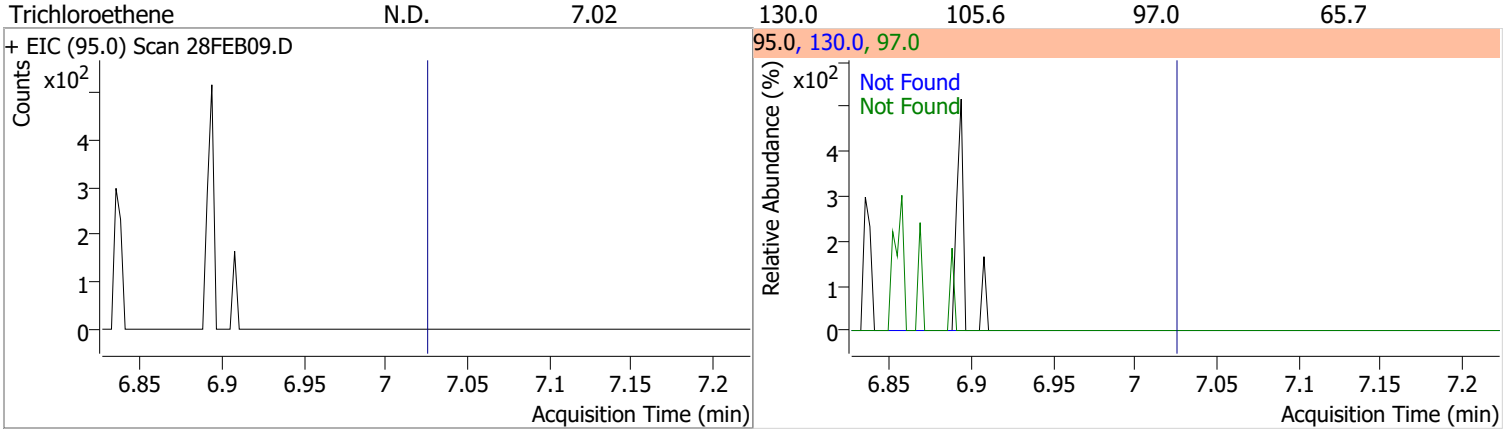
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1171	6.27	-0.01	473 (m)	77.0	40.8	0.0	53.3



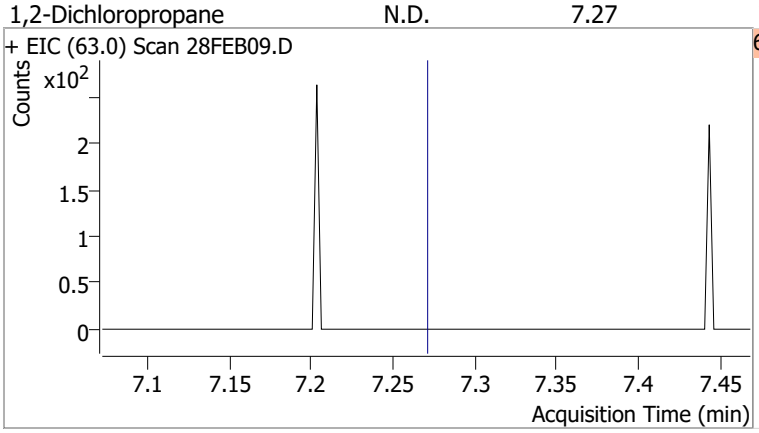
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2

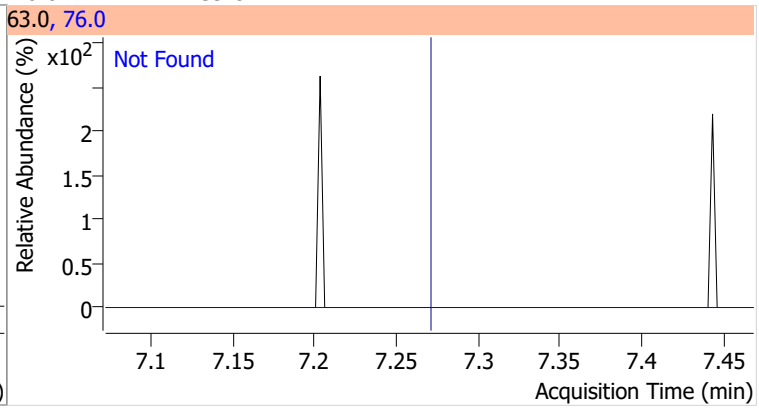


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7

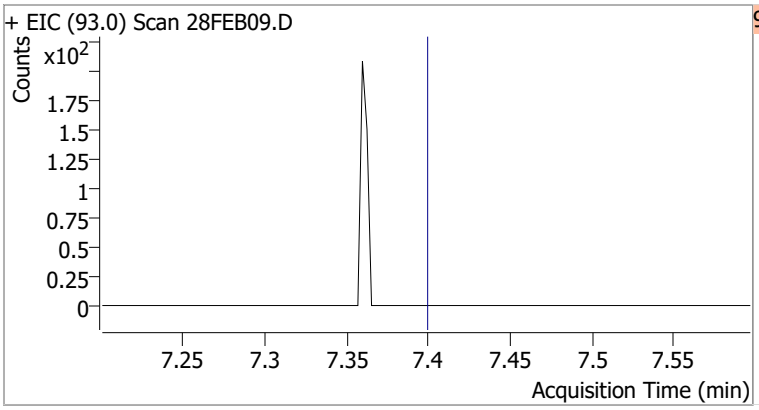


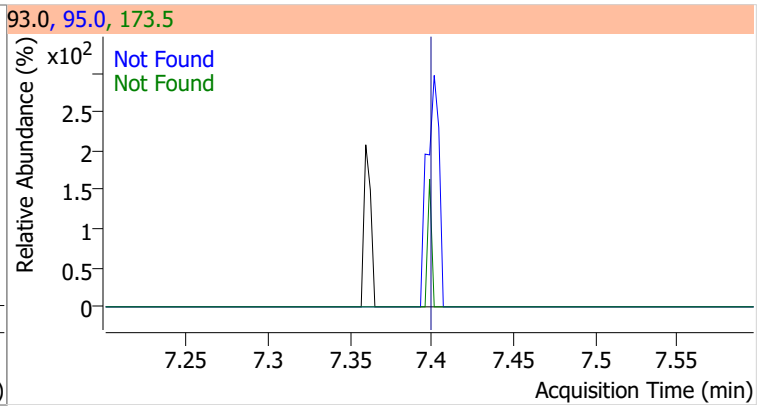
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



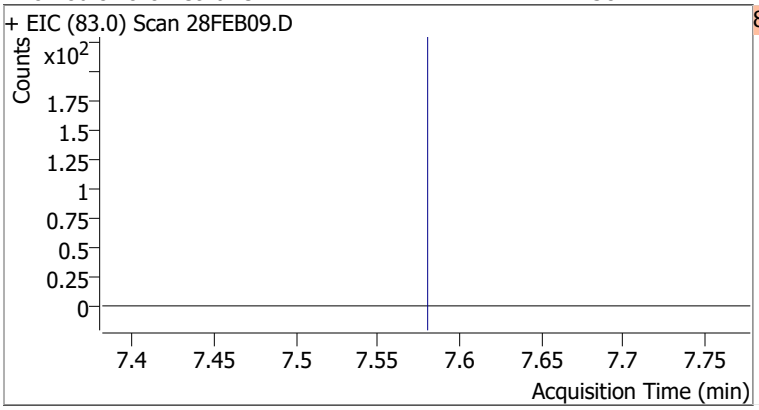


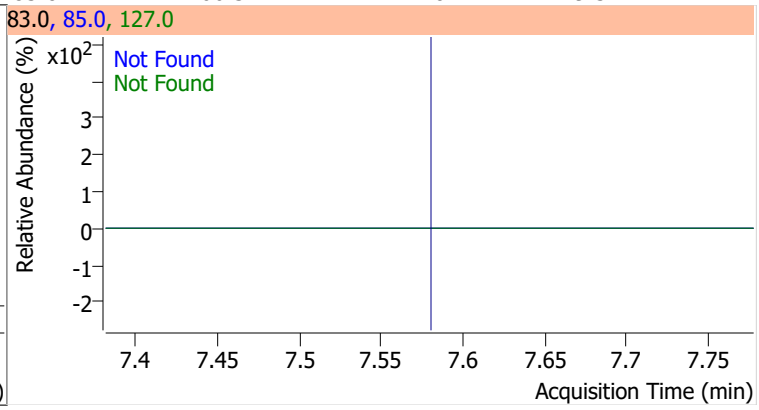
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



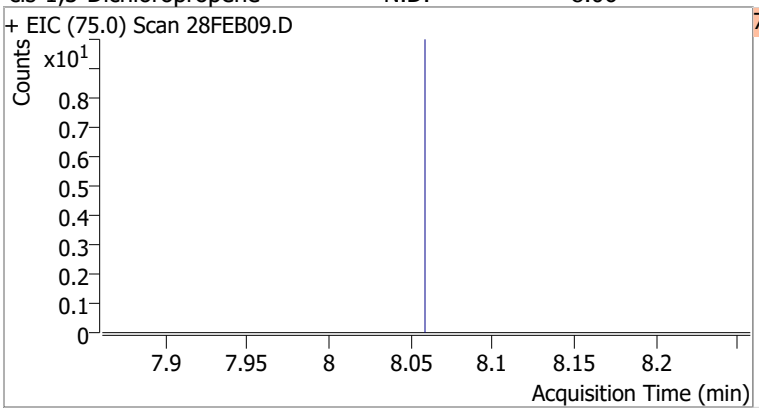


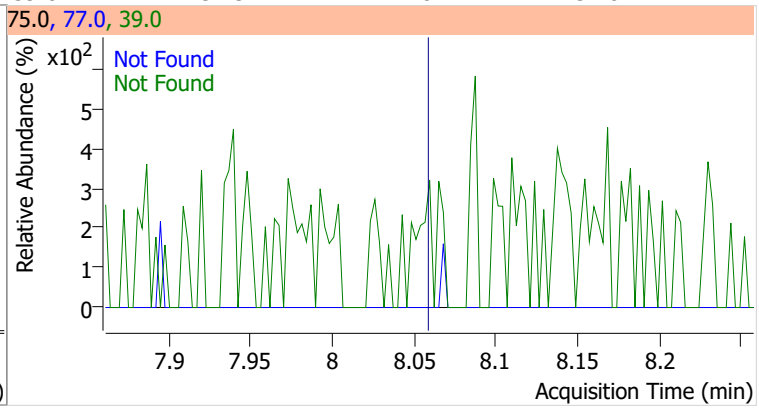
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



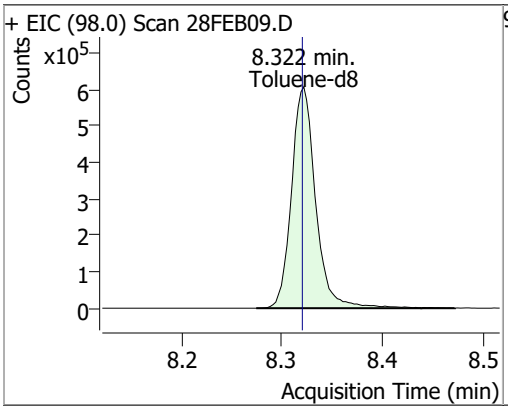


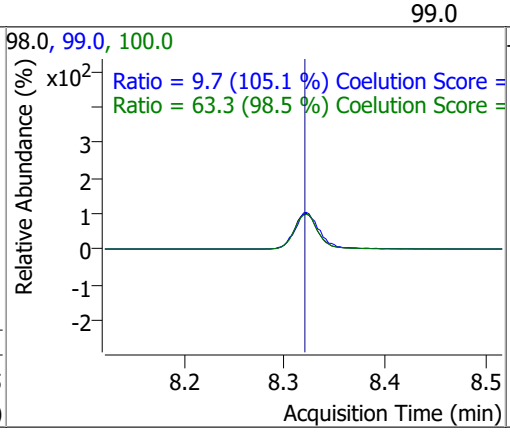
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

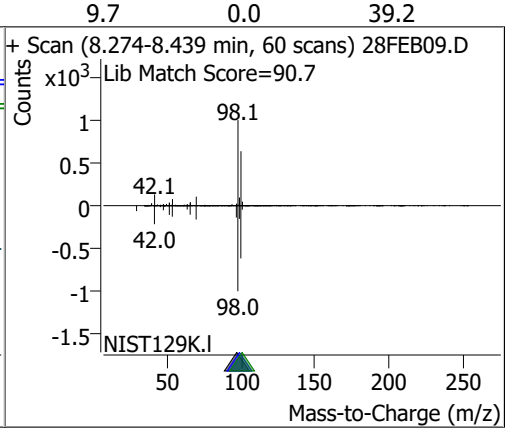




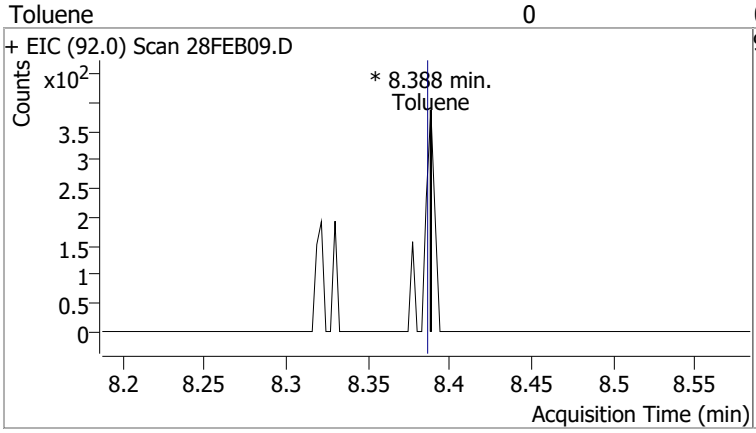
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	261.7392	8.32	0.00	1011234	100.0	63.3	34.3	94.3
					99.0	9.7	0.0	39.2

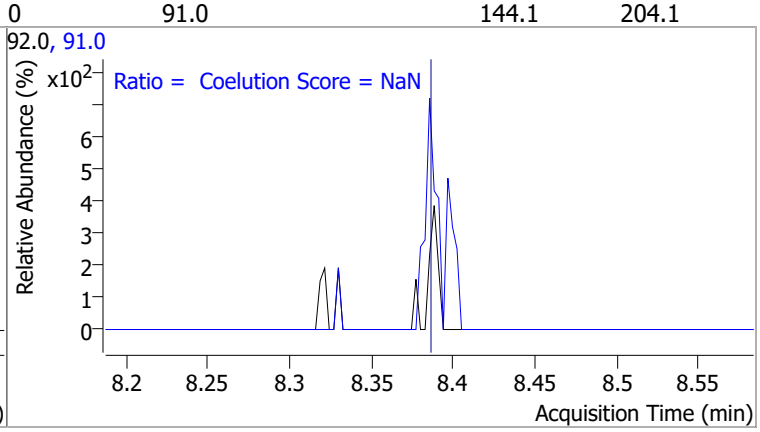




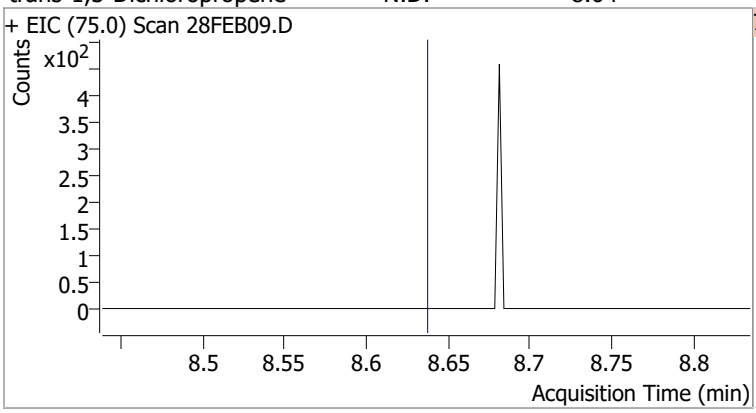


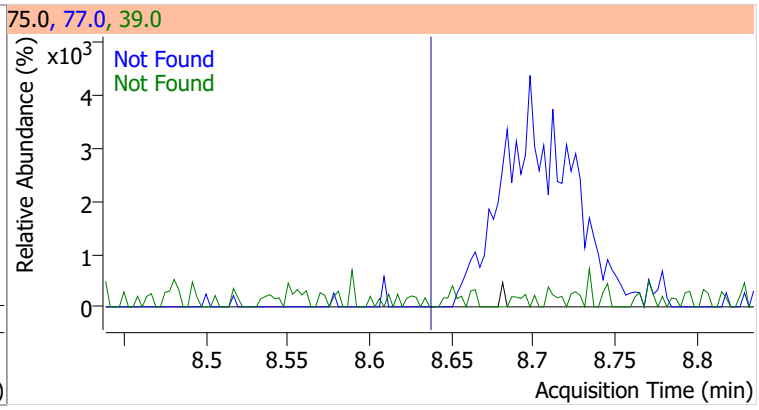
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



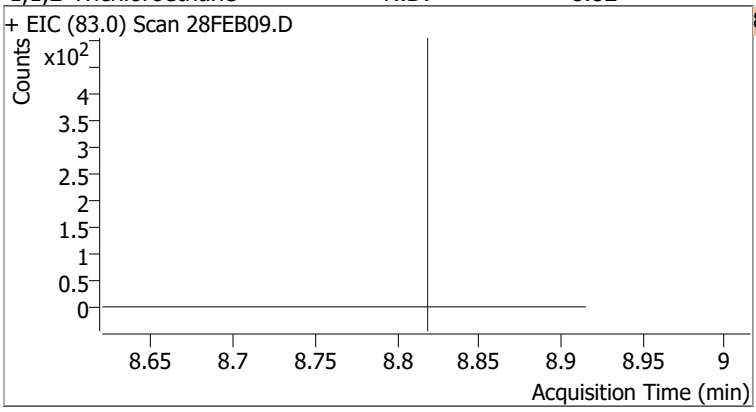


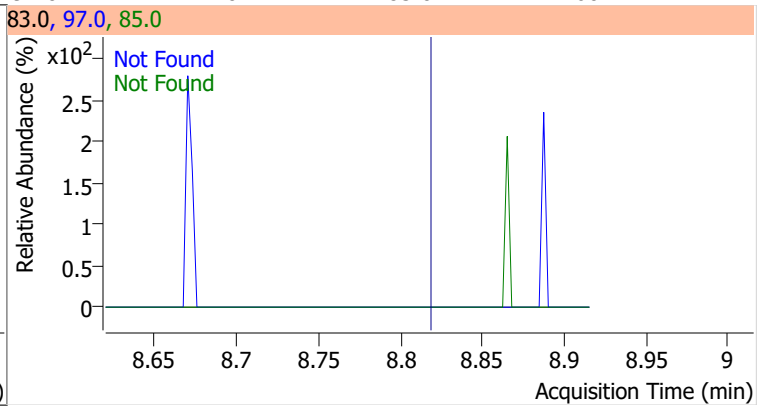
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



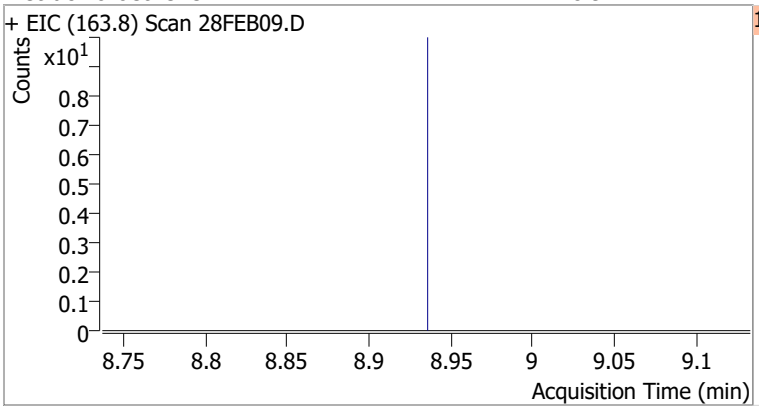


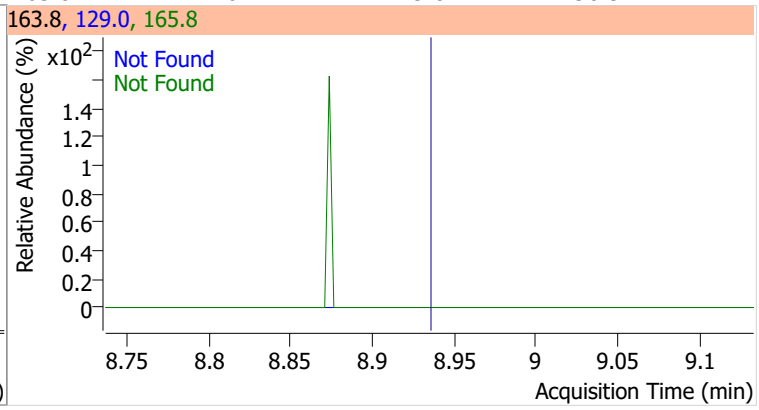
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



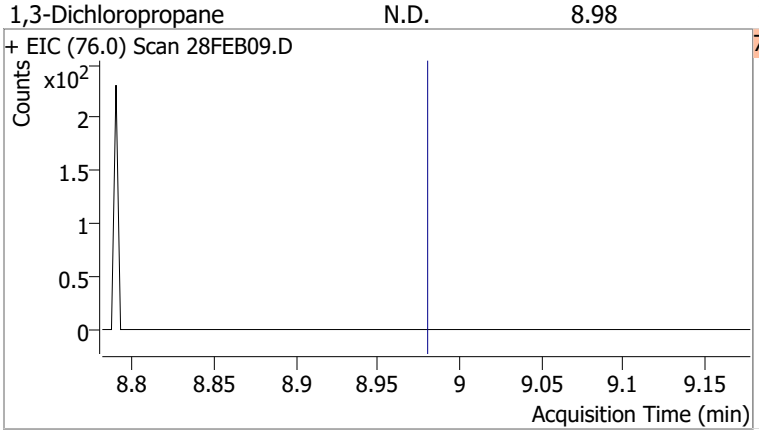


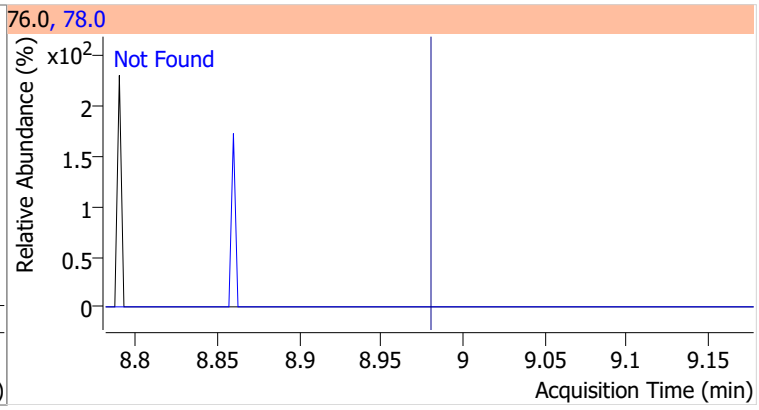
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



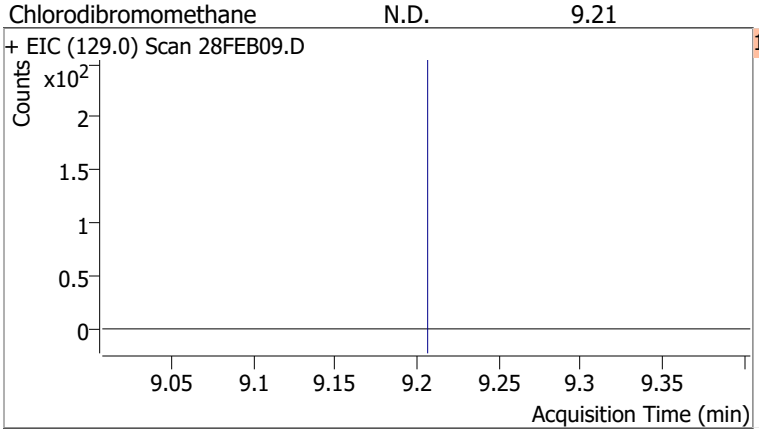


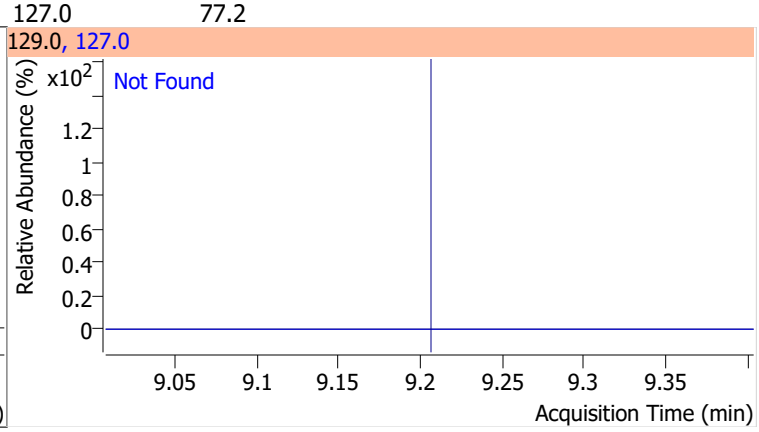
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



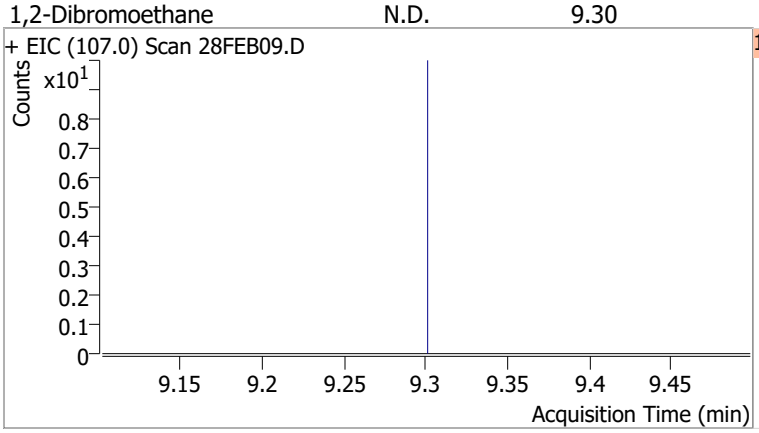


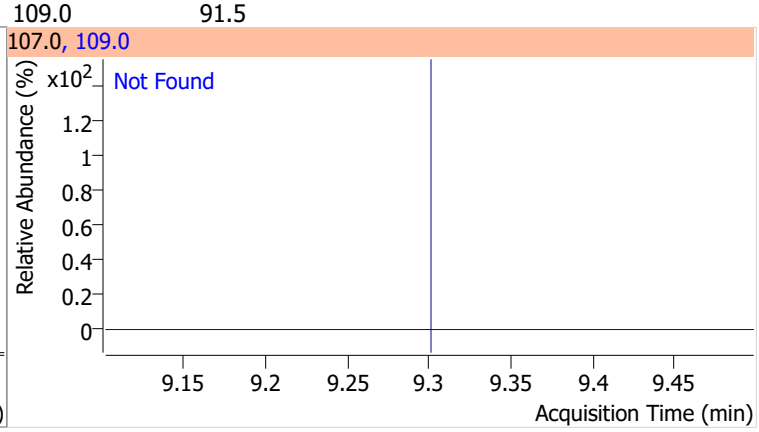
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



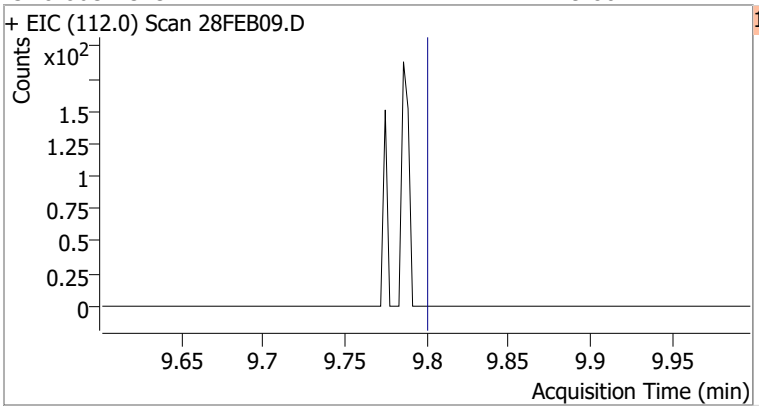


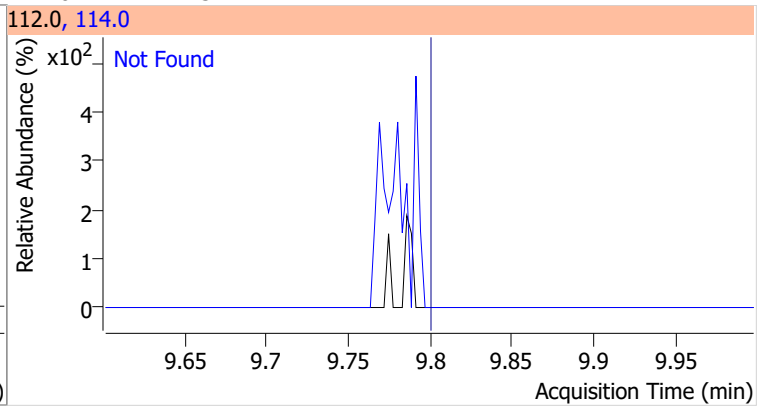
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



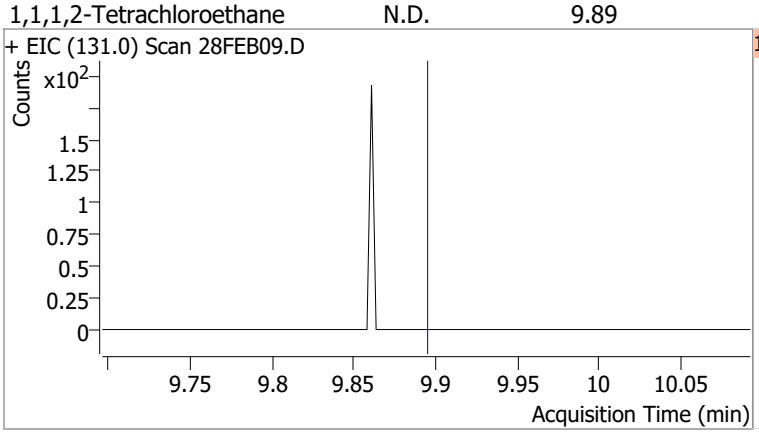


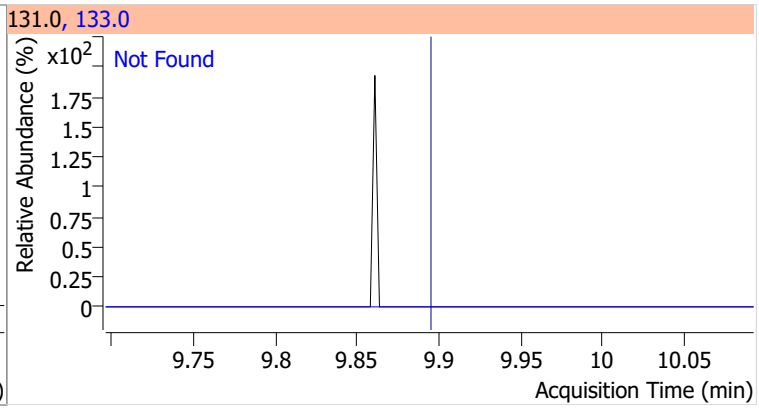
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



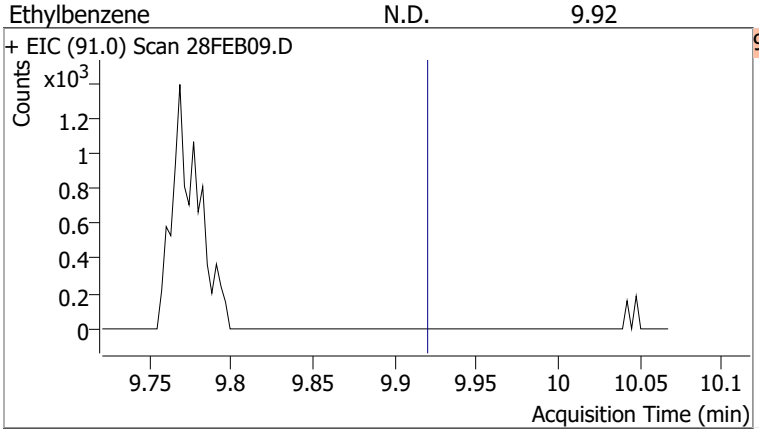


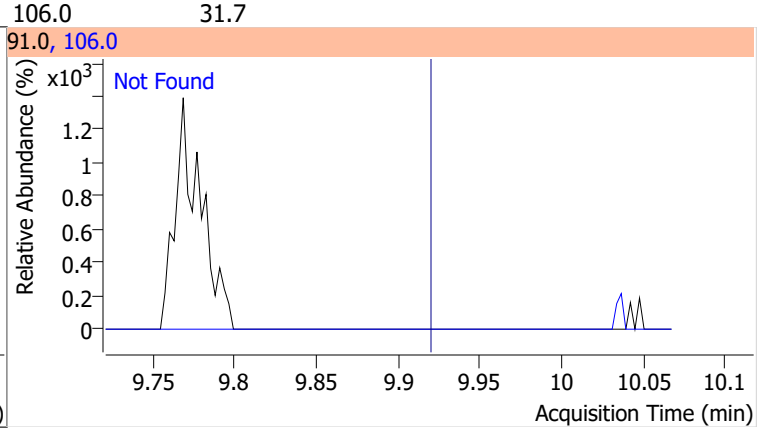
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



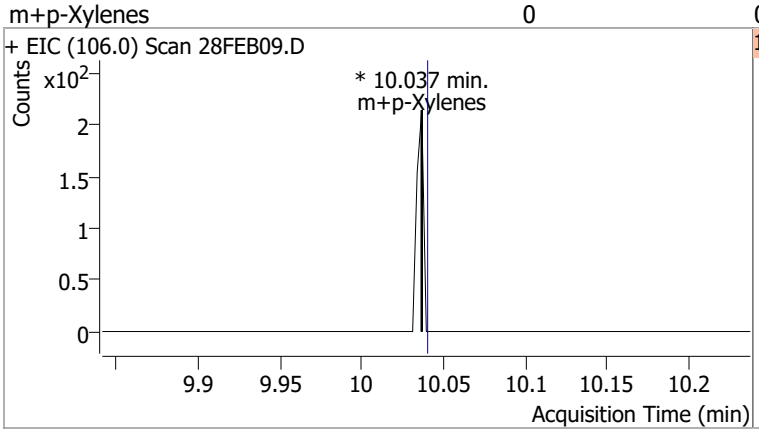


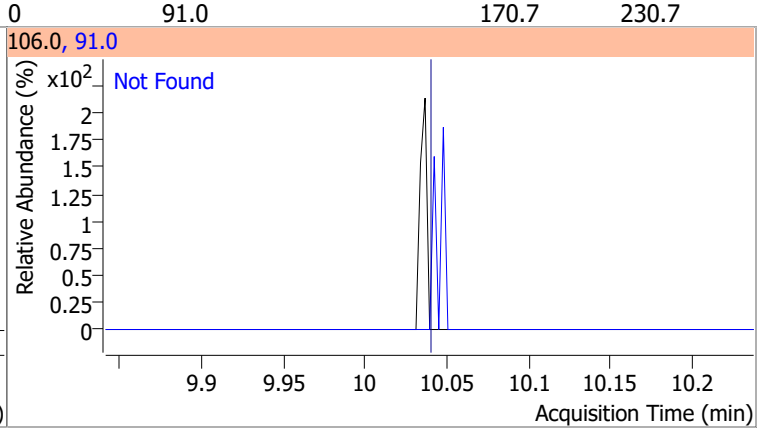
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



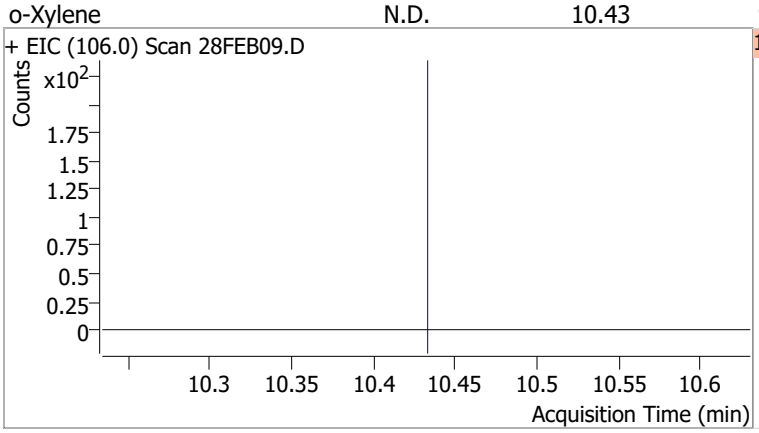


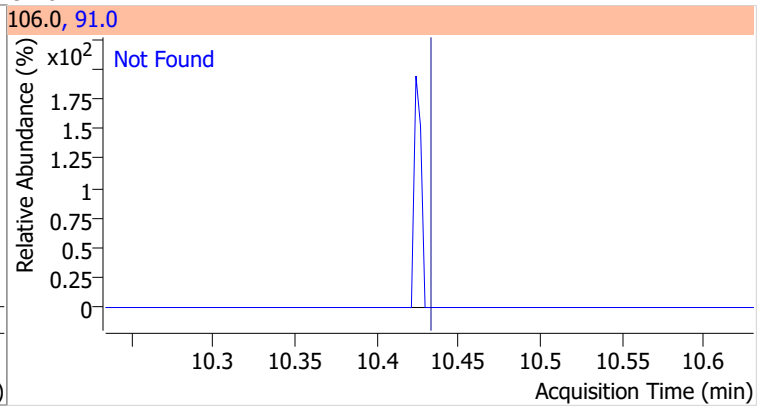
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		170.7	230.7



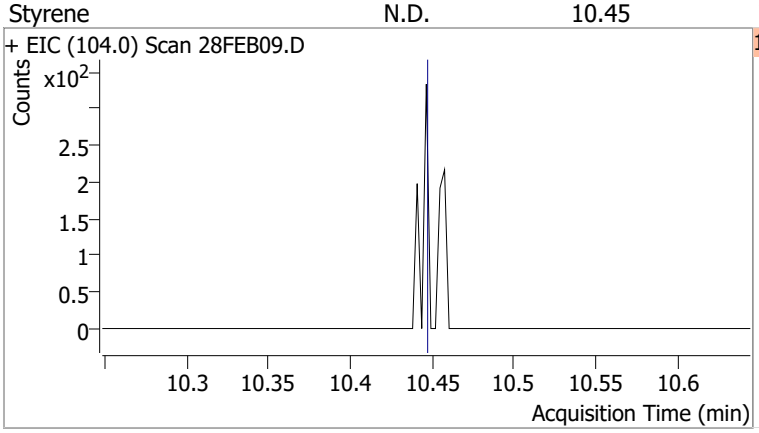


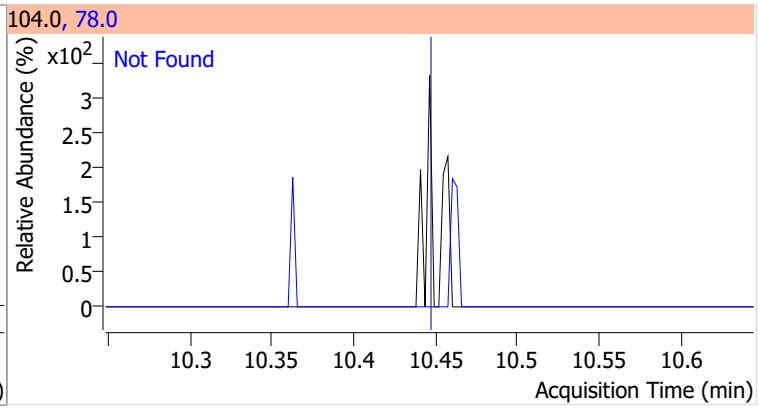
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



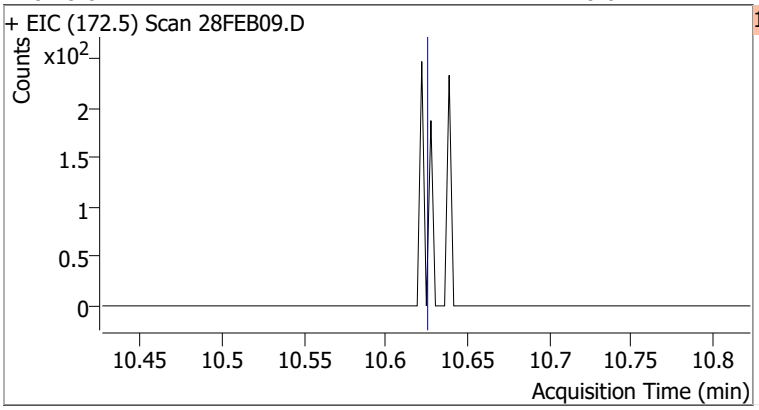


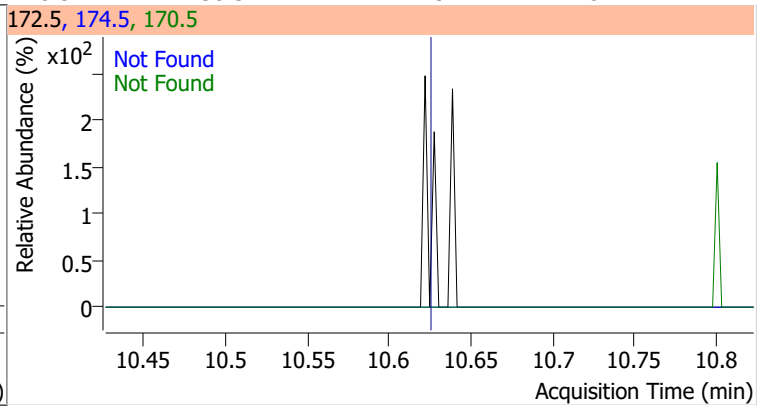
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



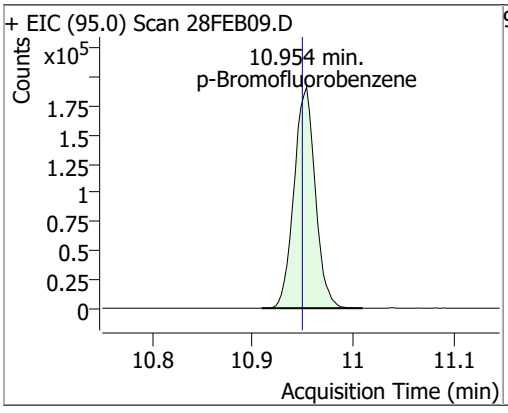


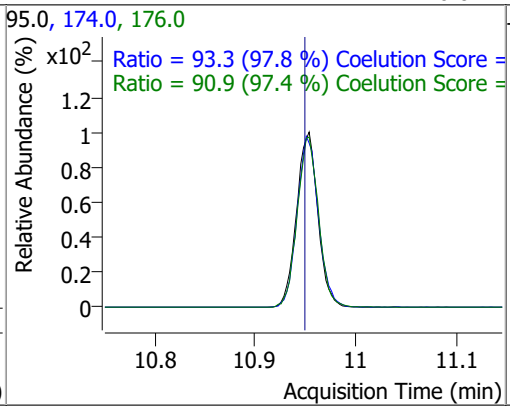
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

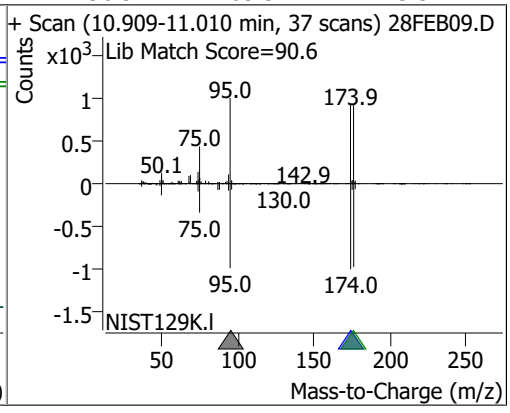




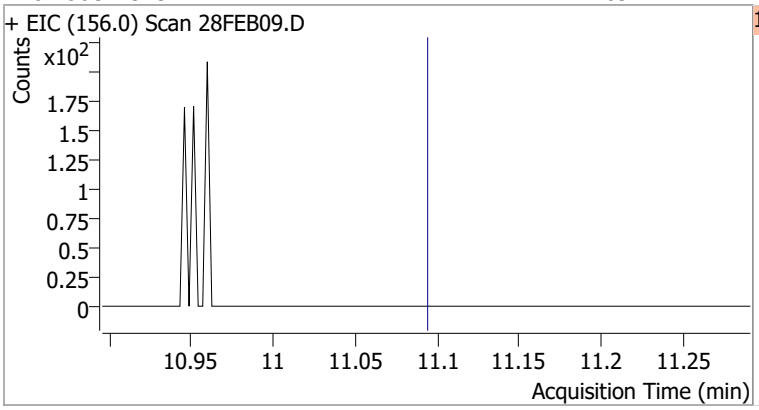
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	275.5878	10.95	0.01	281279	174.0	93.3	65.3	125.3
					176.0	90.9	63.3	123.3

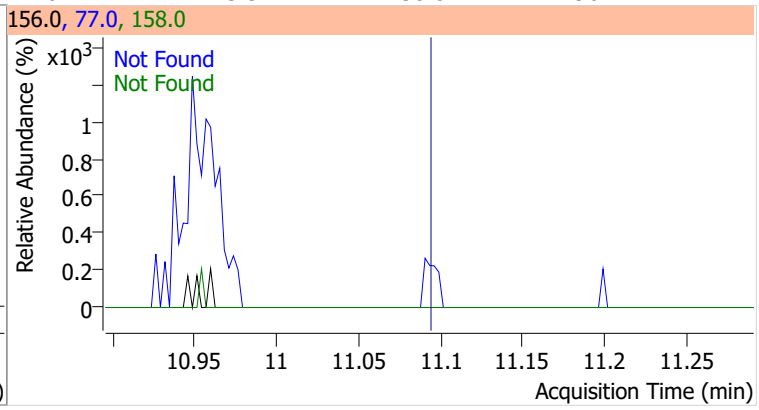




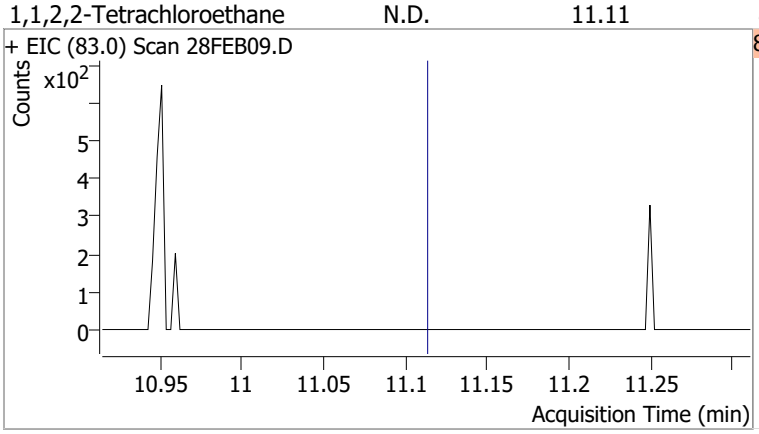


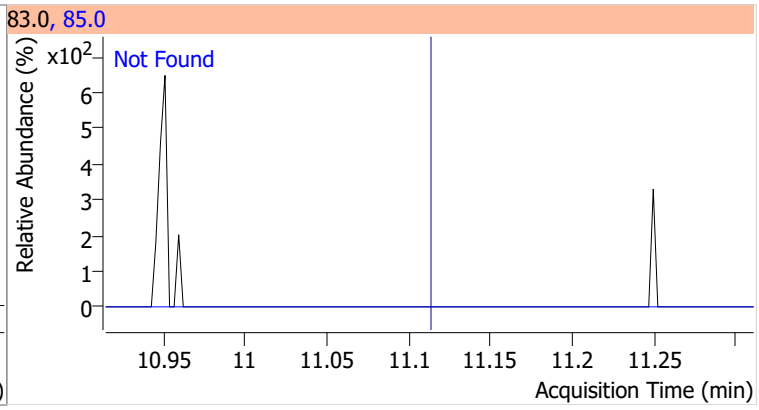
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



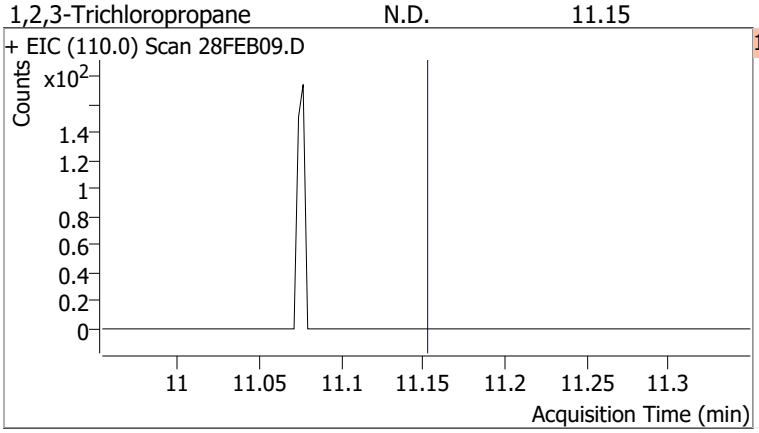


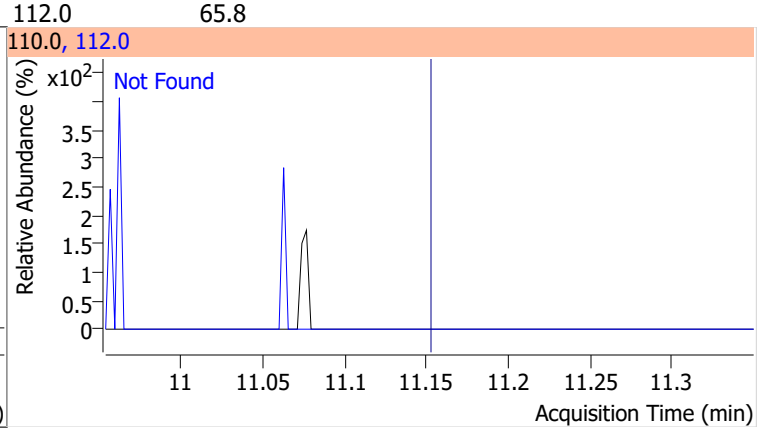
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



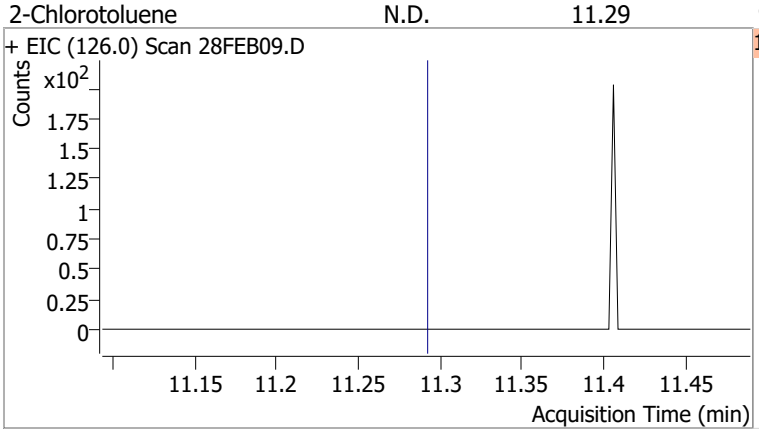


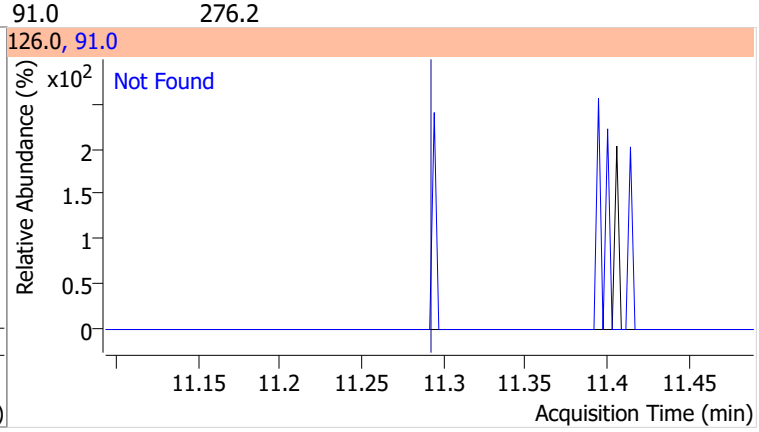
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



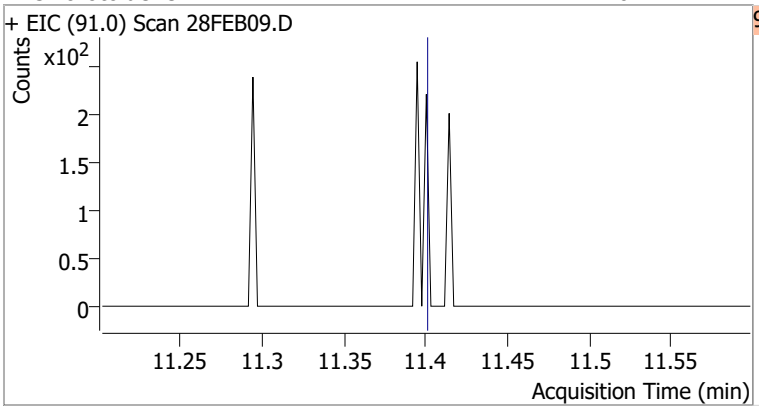


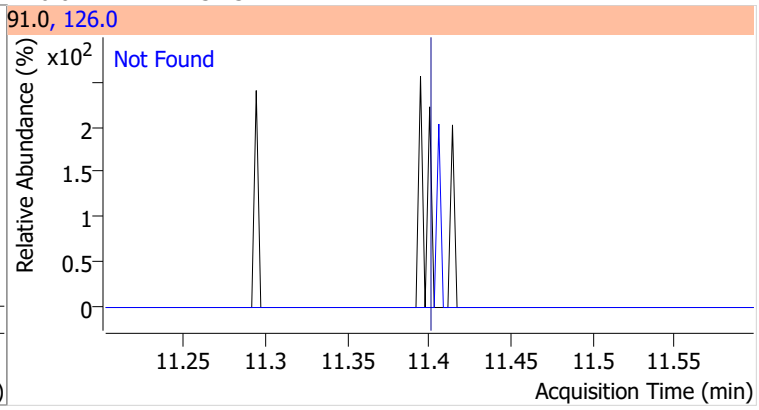
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



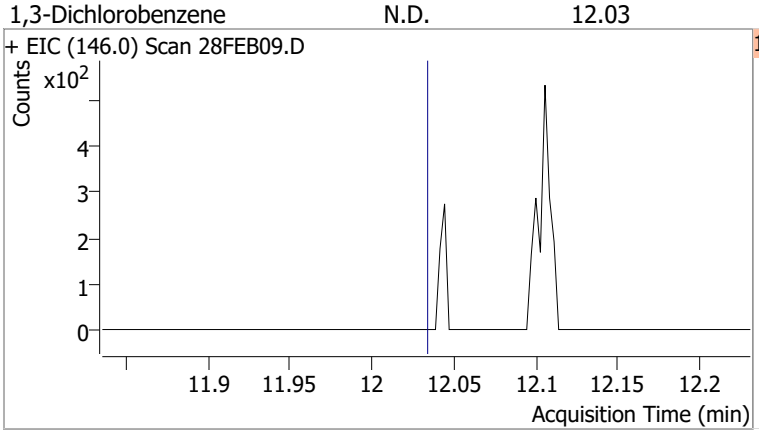


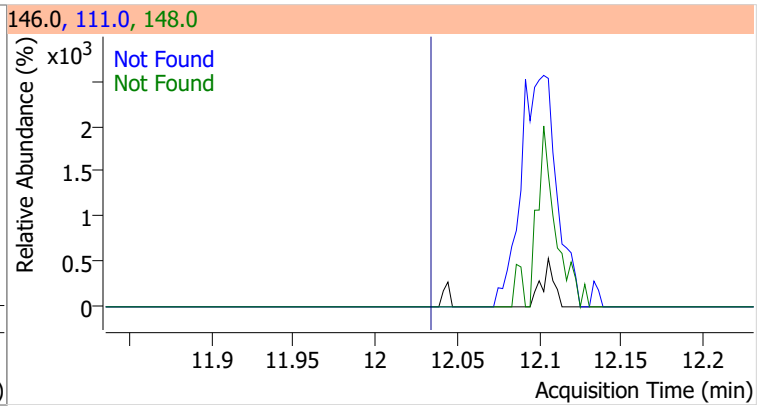
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



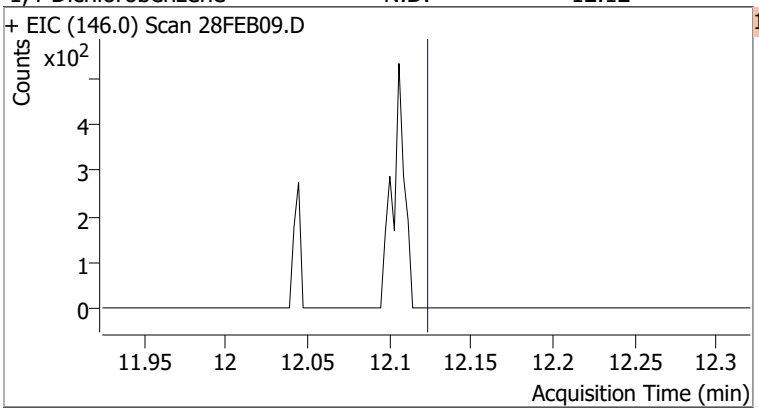


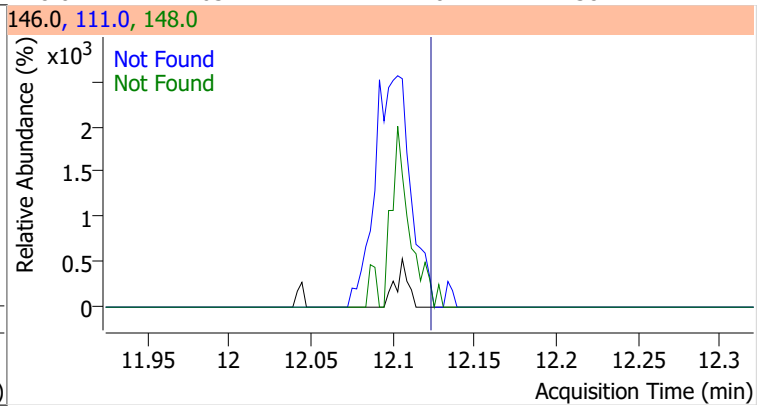
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



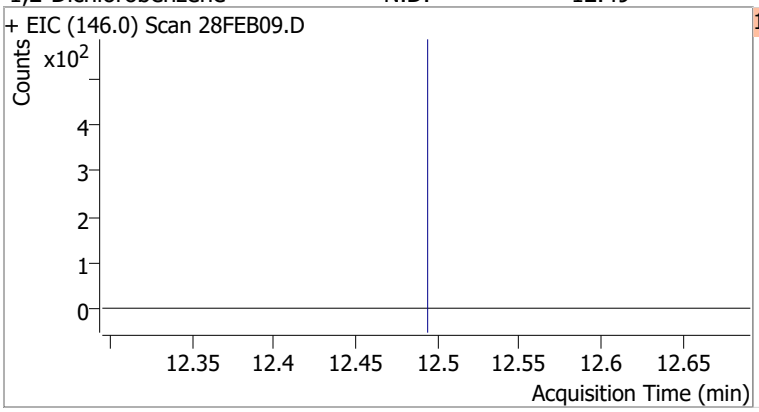


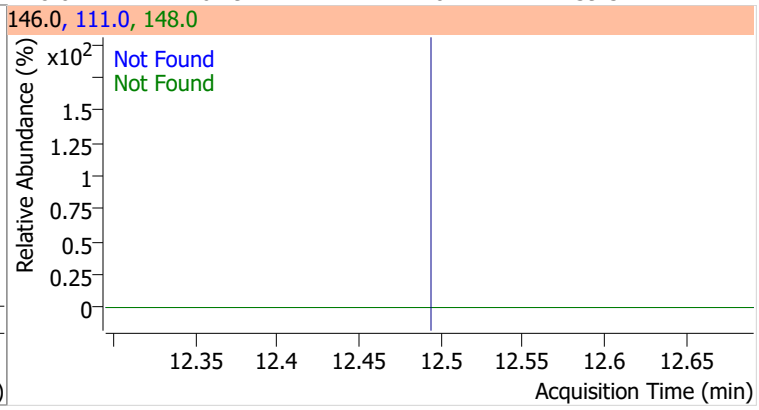
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





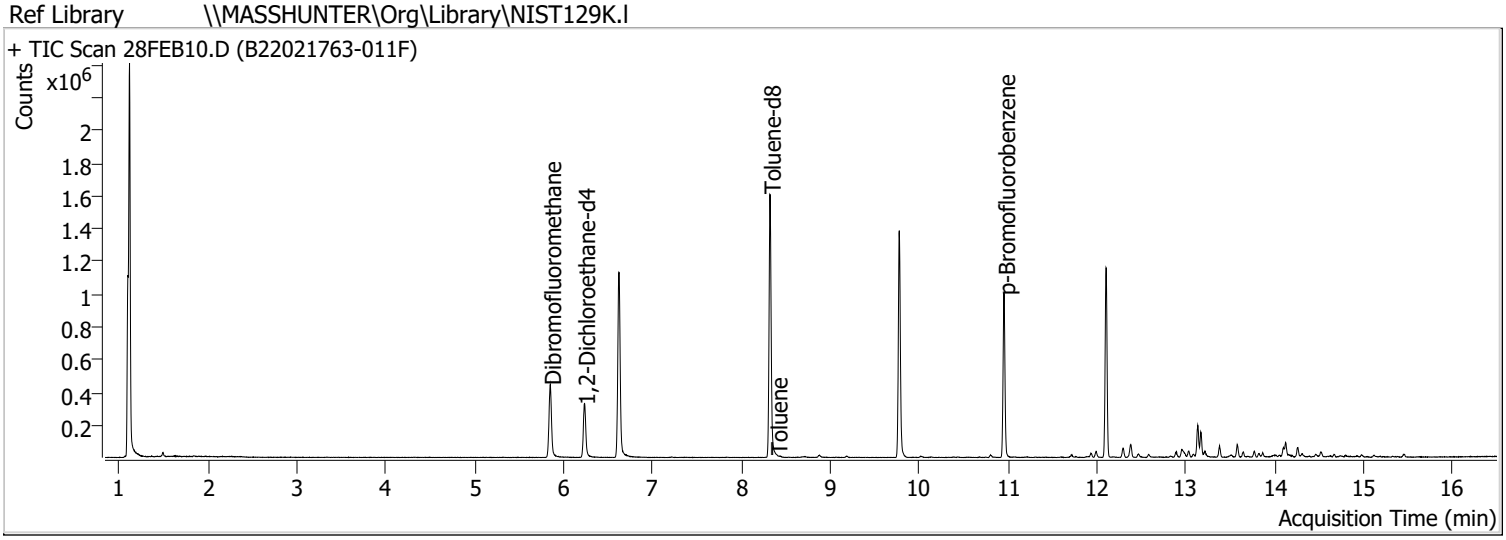
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB10.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 2:29:46 PM
Sample Name	B22021763-011F	Instrument	VOA5975C
Vial	10	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

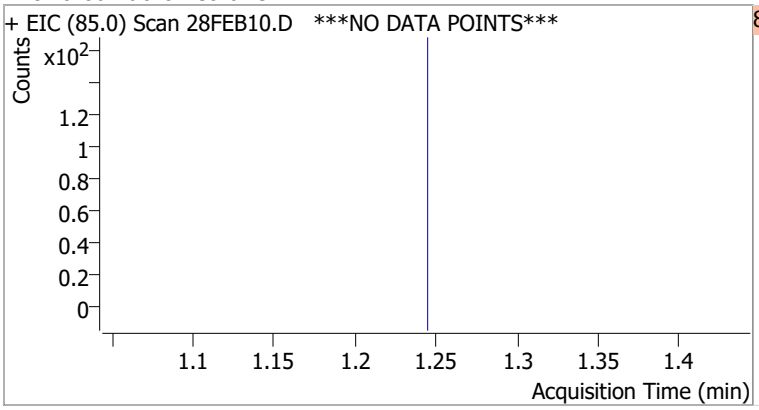


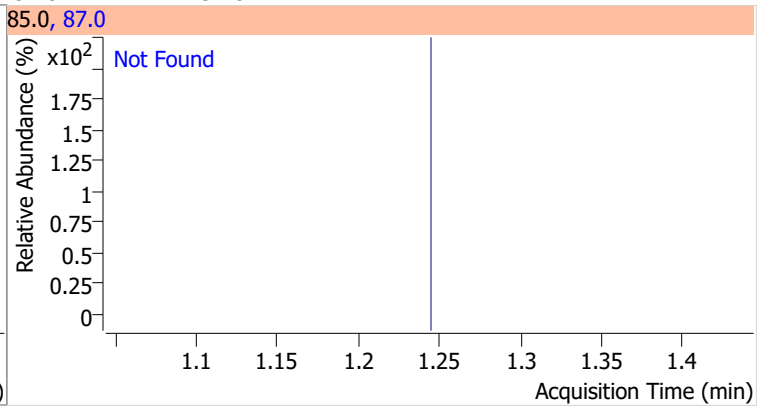
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	993477	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	383166	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	285017	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	264660	275.0388	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 110.02%			
S 1,2-Dichloroethane-d4	6.230	67.0	119831	288.2820	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 115.31%			
S Toluene-d8	8.319	98.0	1005218	268.9077	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.56%			
S p-Bromofluorobenzene	10.954	95.0	280694	266.7309	ng		0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.69%			
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	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	8.394	92.0	735	0.2949	ng	m	84
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	10.042	106.0	0		ng	md	1
T o-Xylene	10.430	106.0	0		ng	md	1
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.			

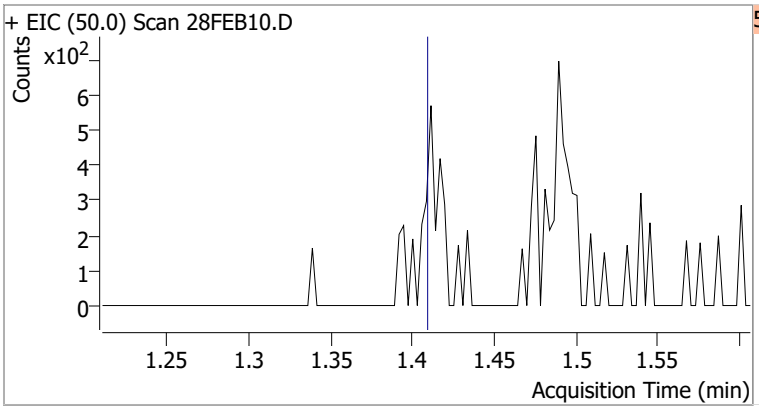
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

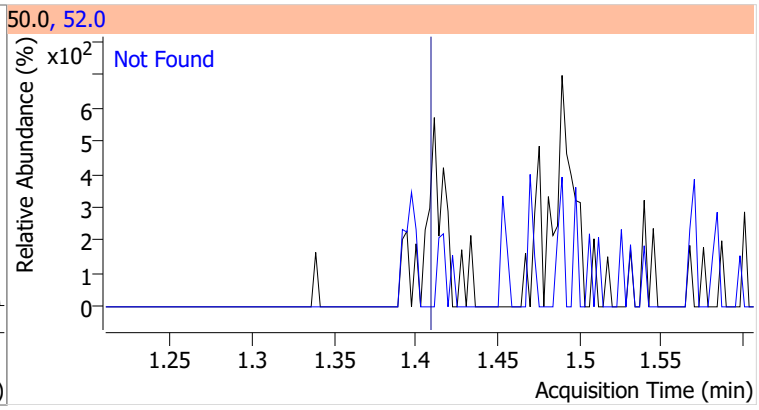
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



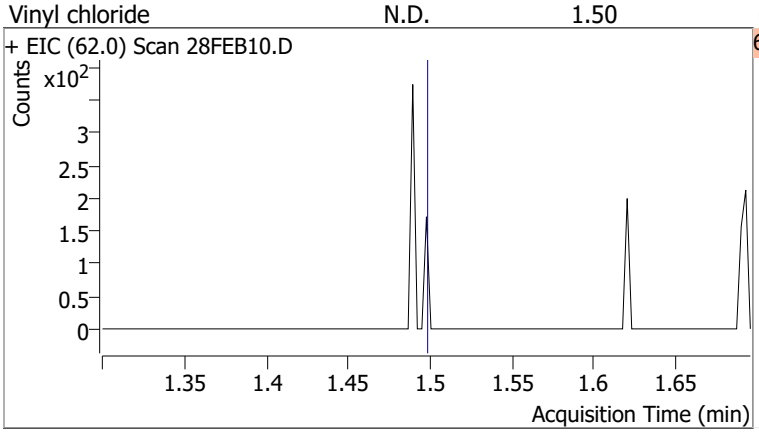


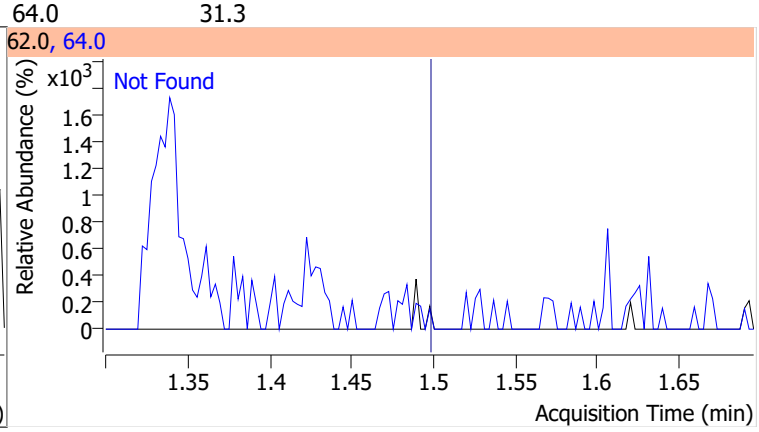
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



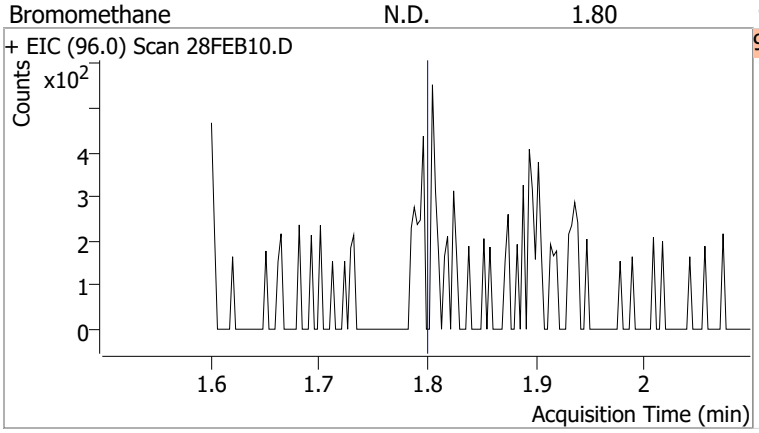


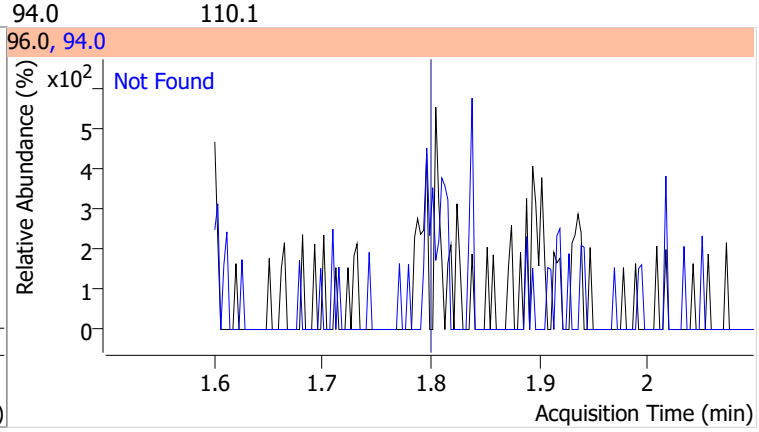
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



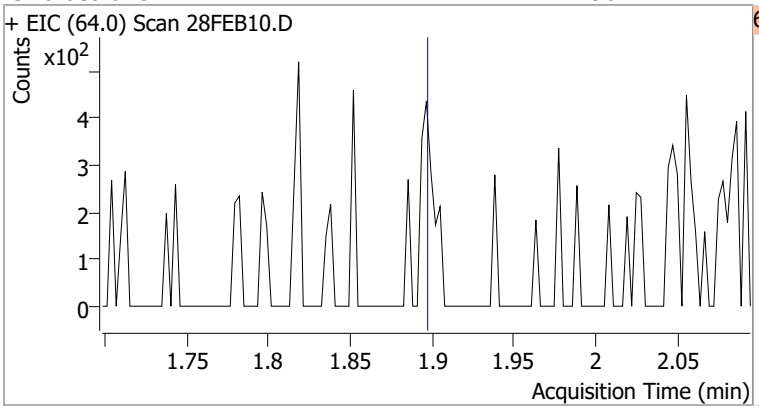


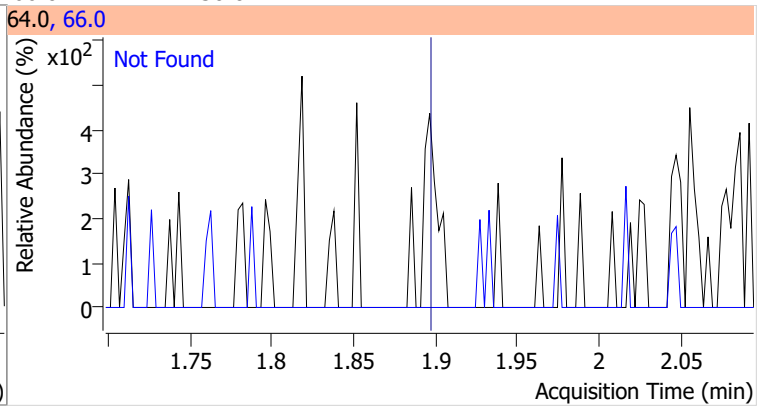
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



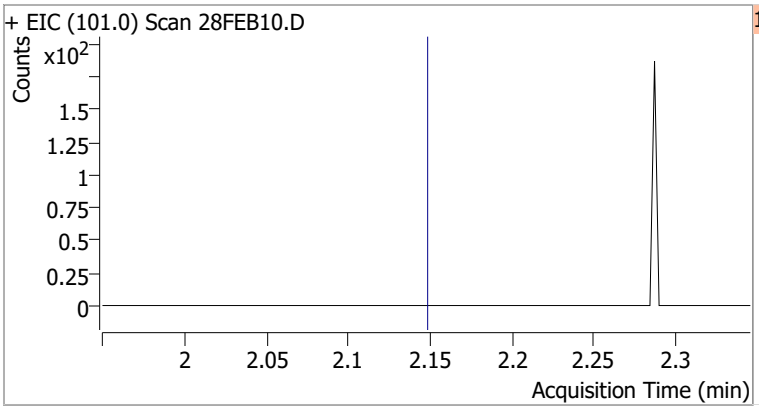


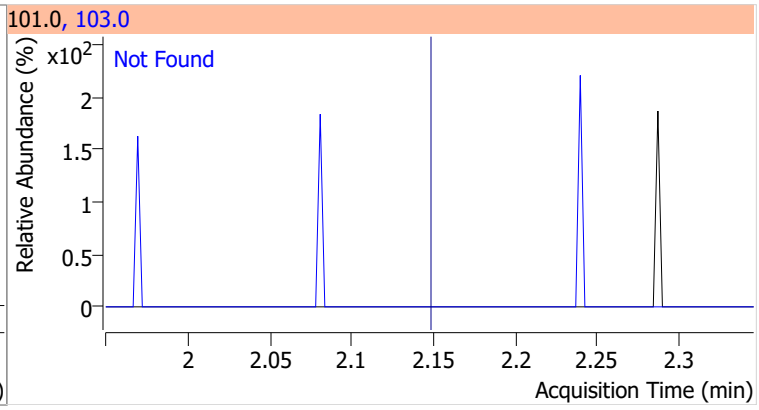
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



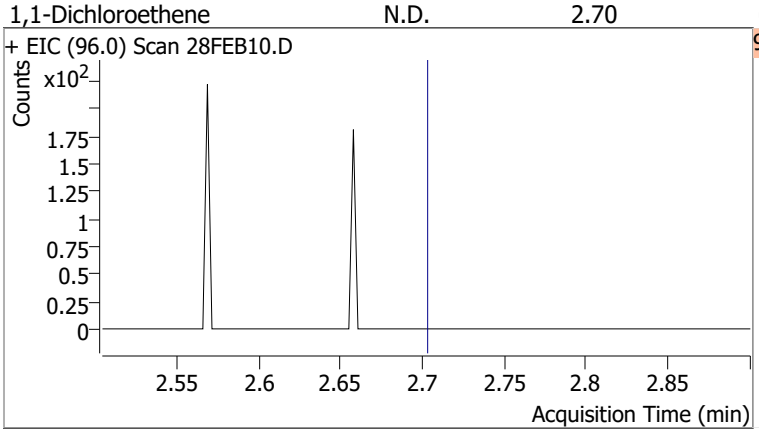


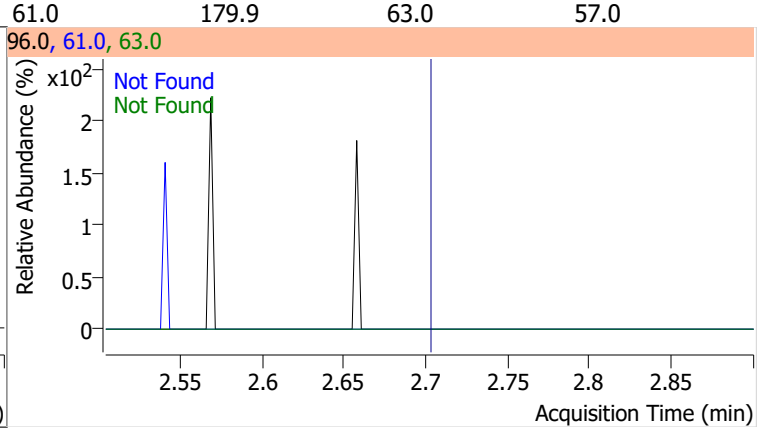
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



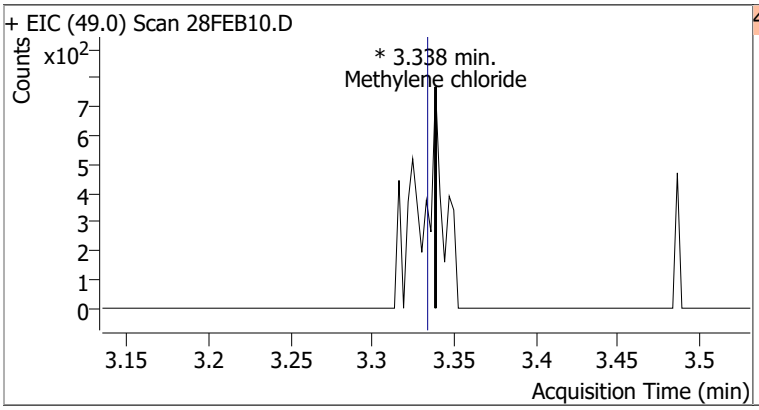


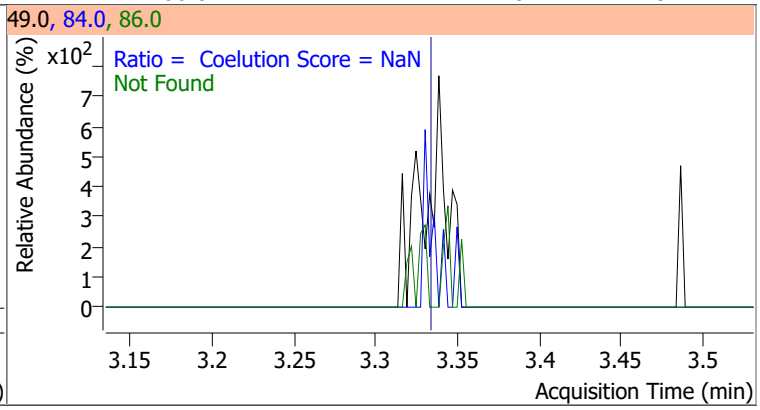
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0



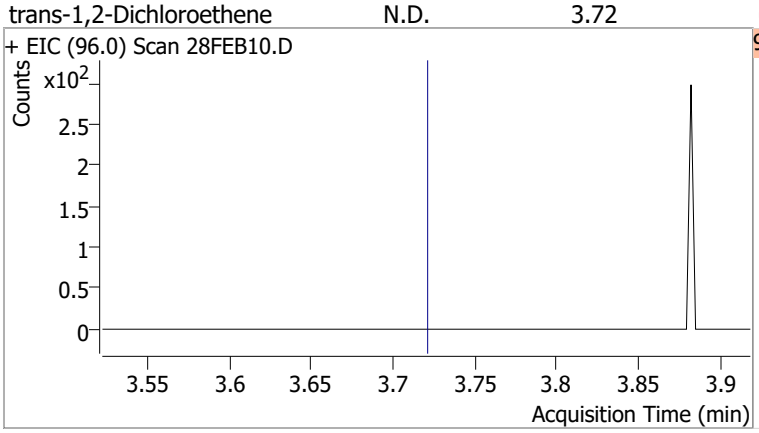


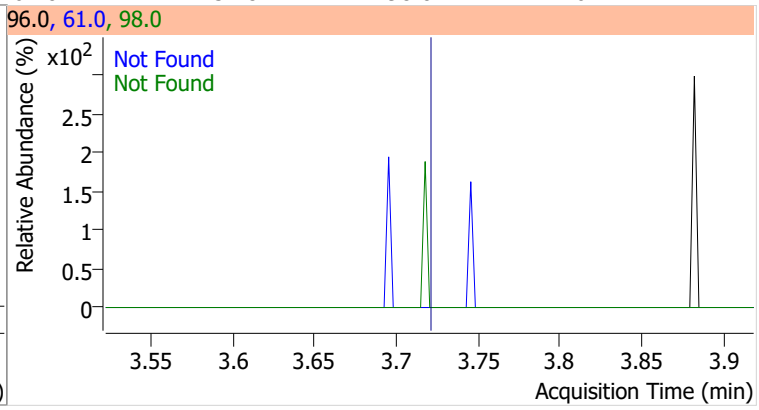
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride		0		0	84.0		36.1	96.1
					86.0		11.8	71.8



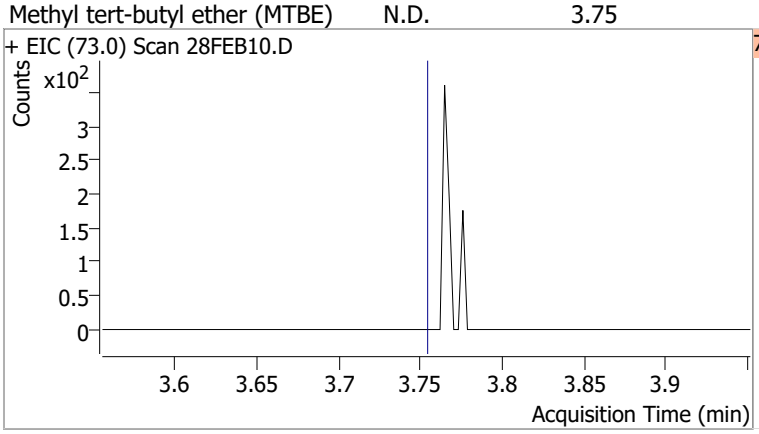


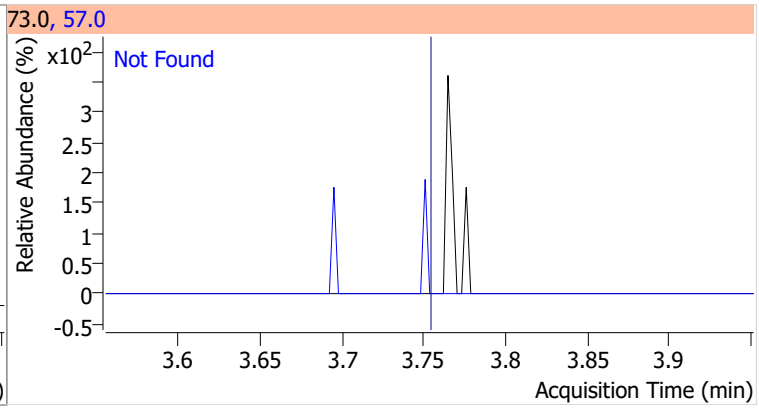
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



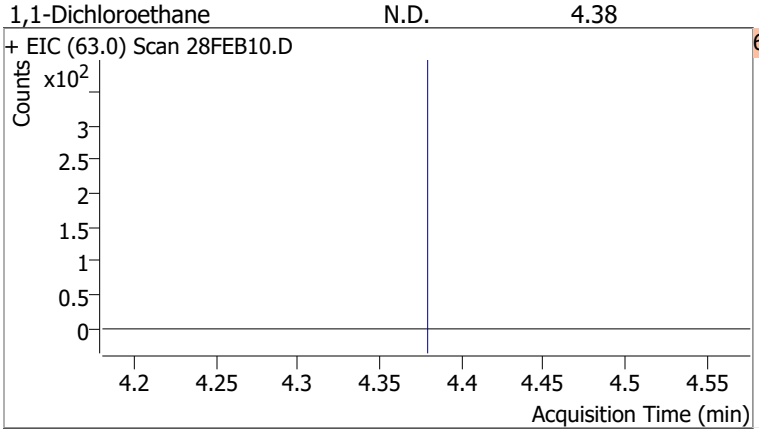


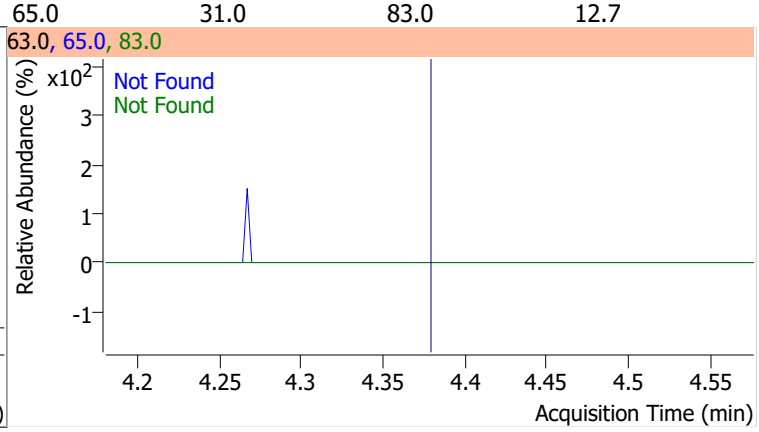
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



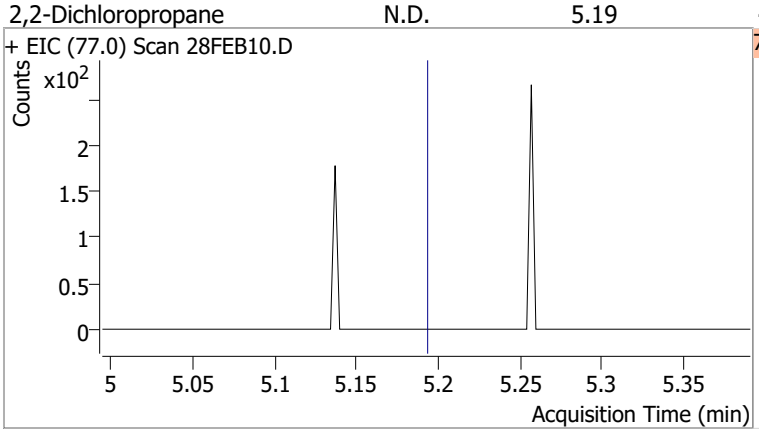


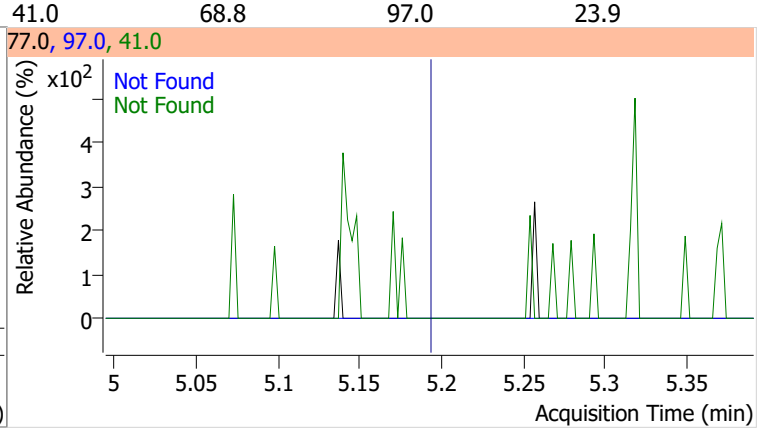
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



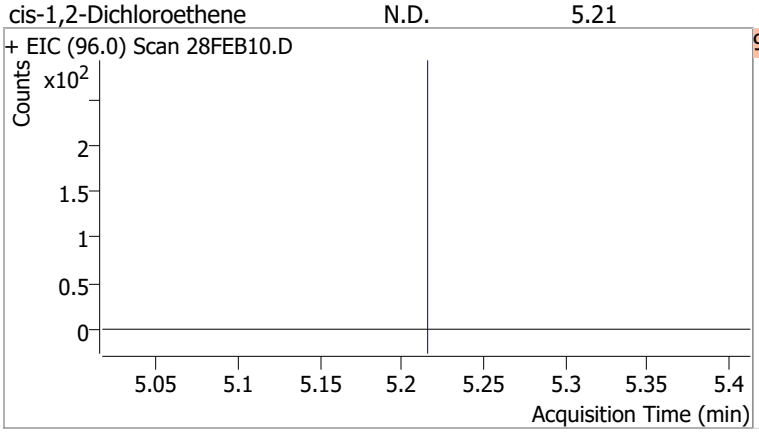


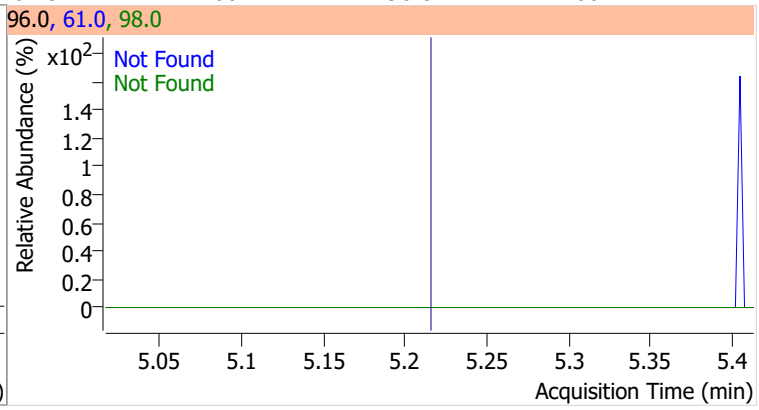
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



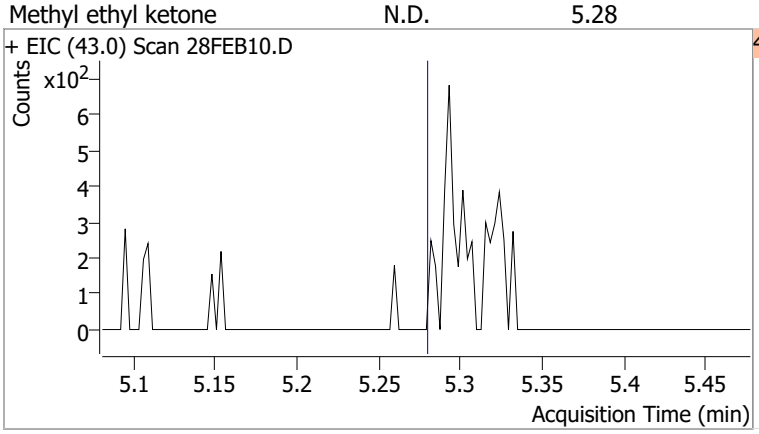


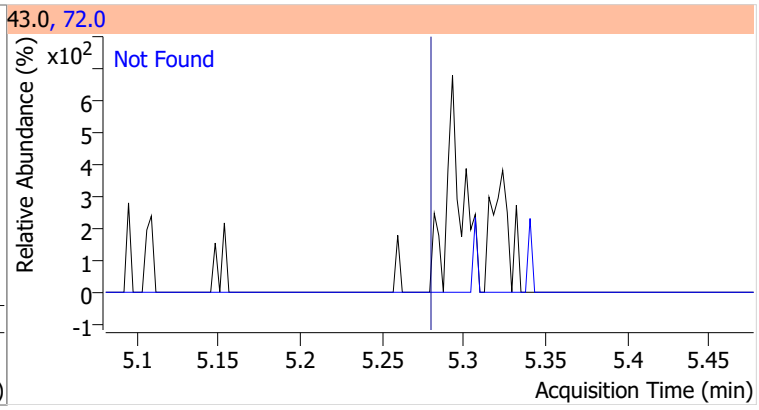
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



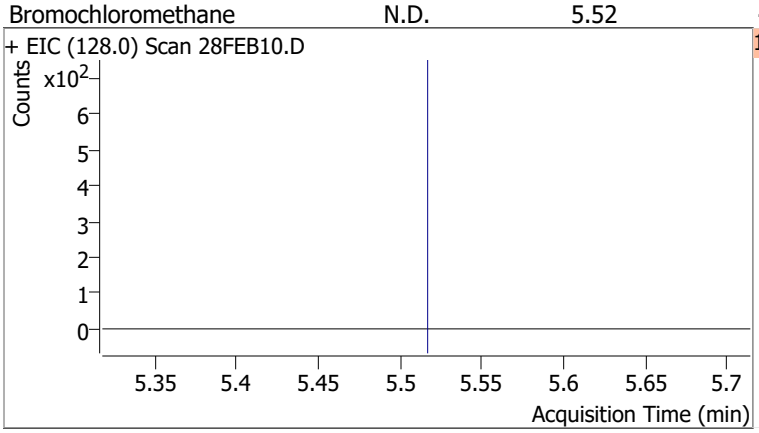


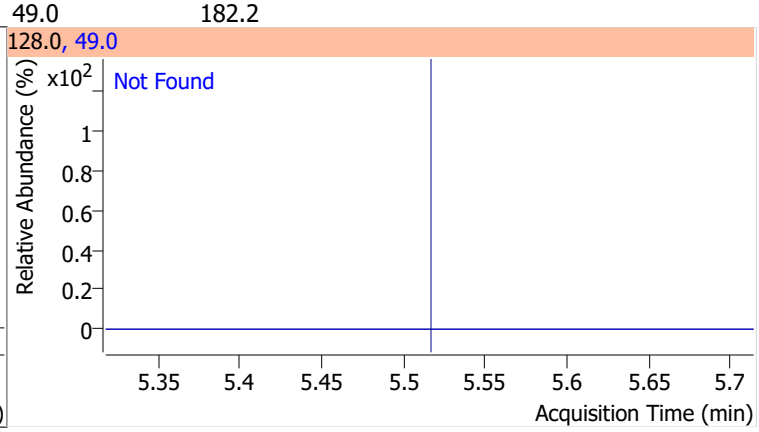
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



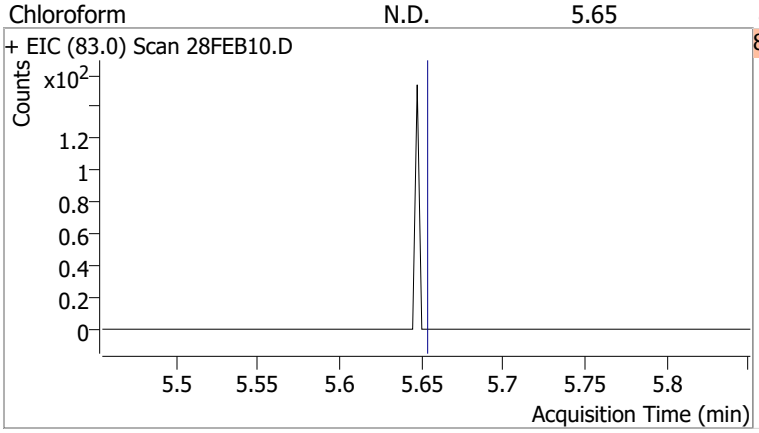


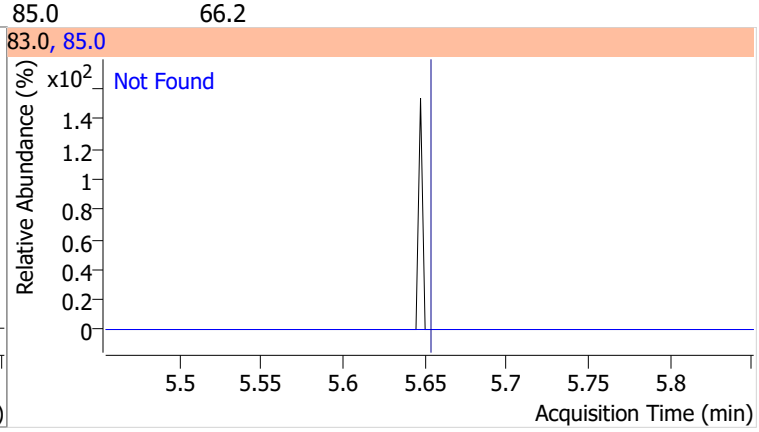
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



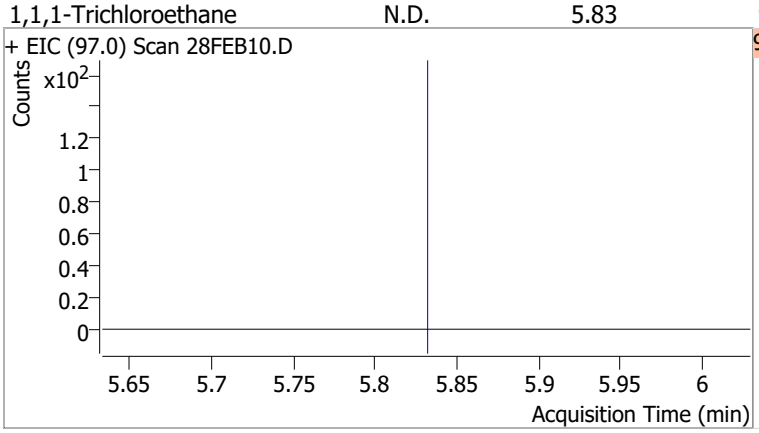


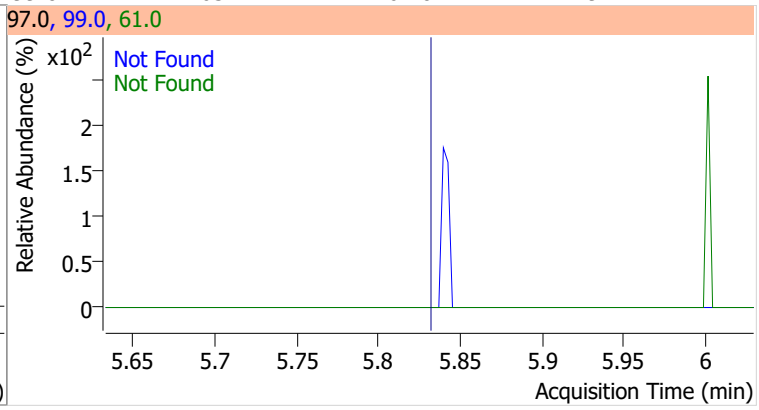
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



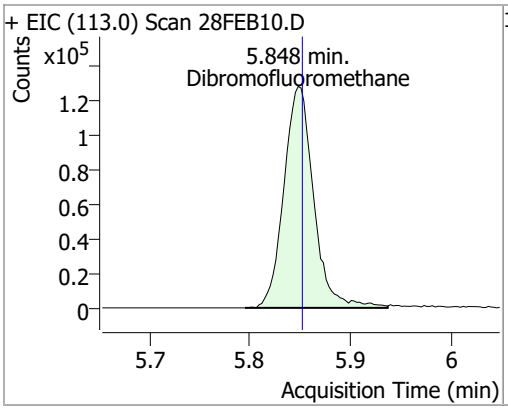


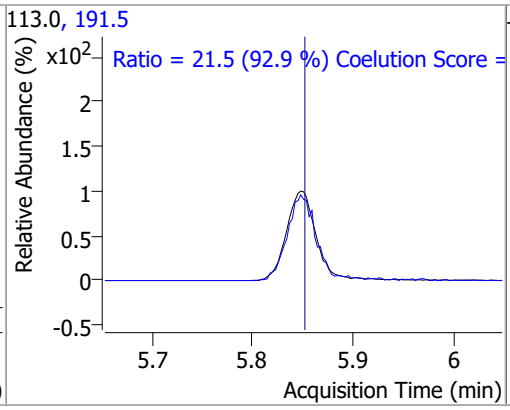
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

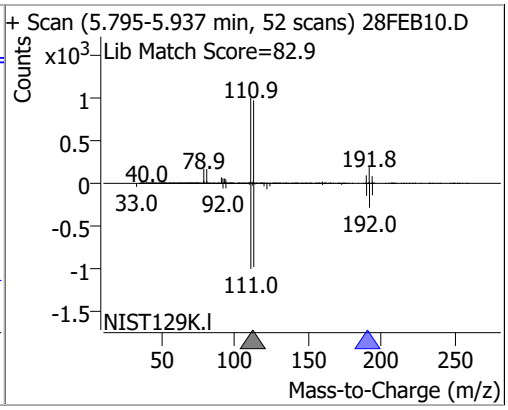




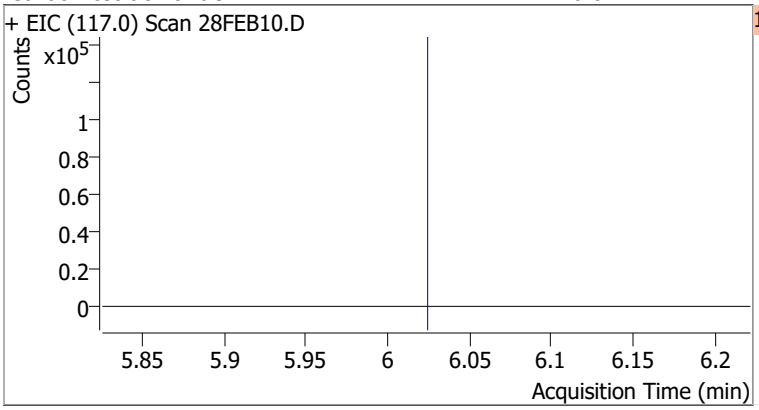
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	275.0388	5.85	0.00	264660	191.5	21.5	0.0	53.2

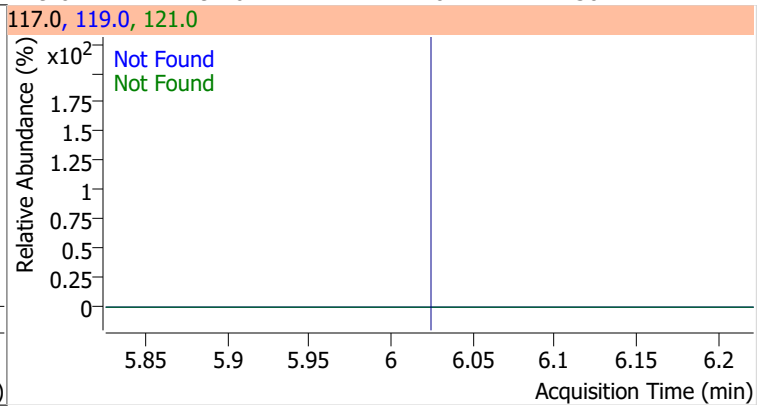




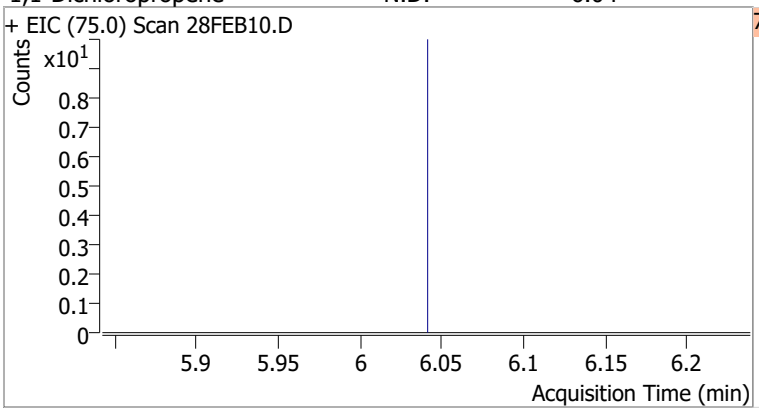


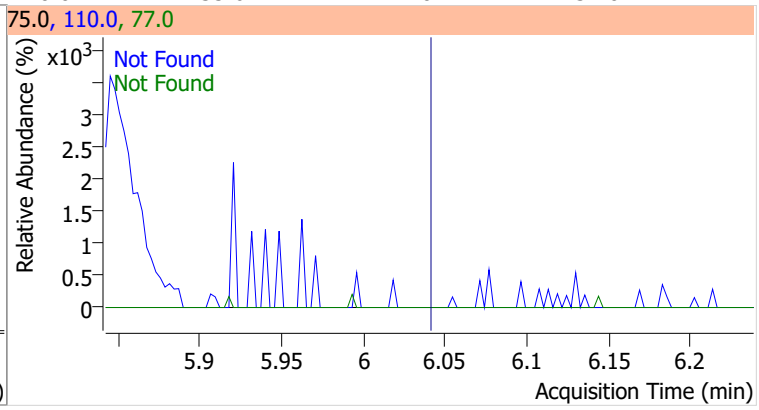
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



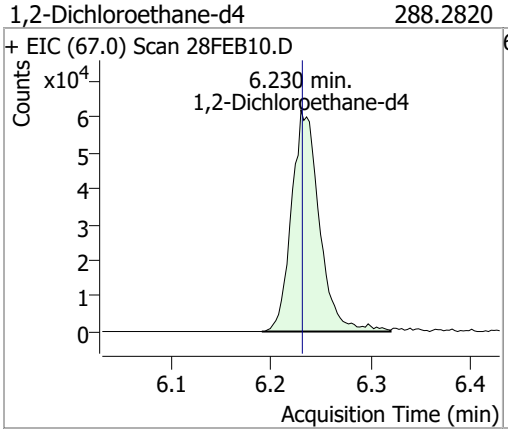


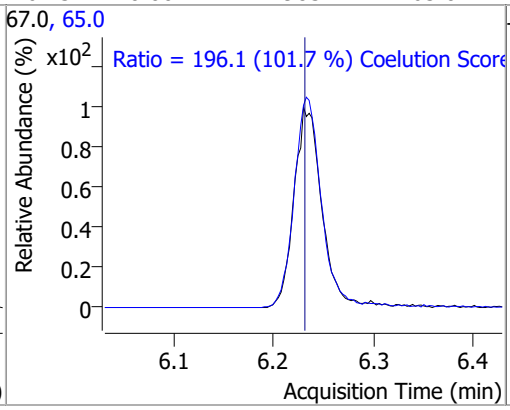
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

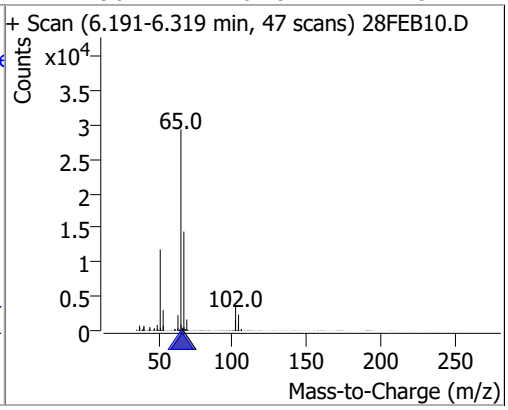




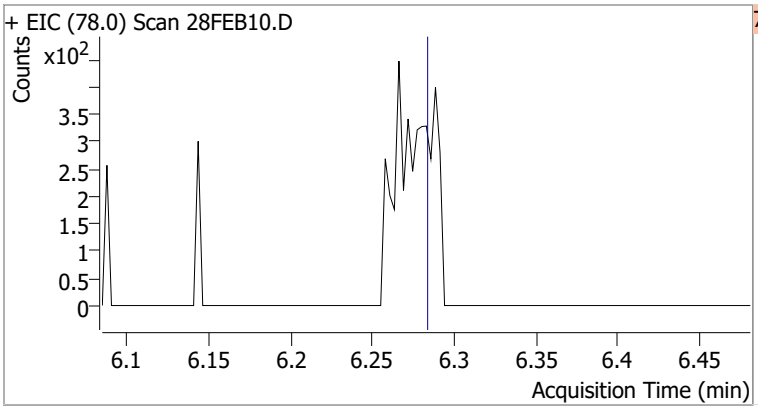
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	288.2820	6.23	0.00	119831	65.0	196.1	162.8	222.8

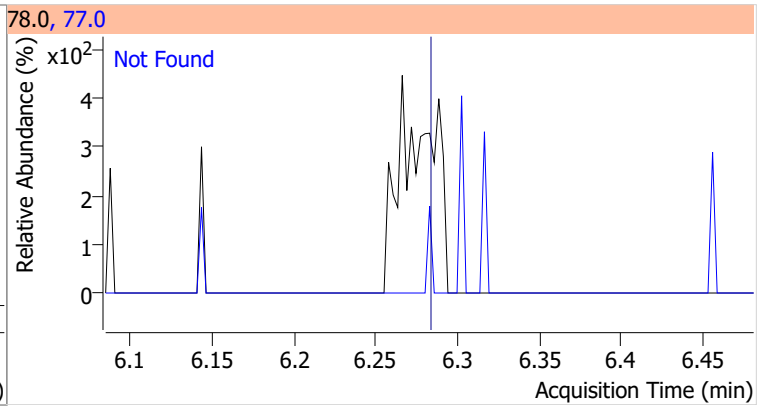




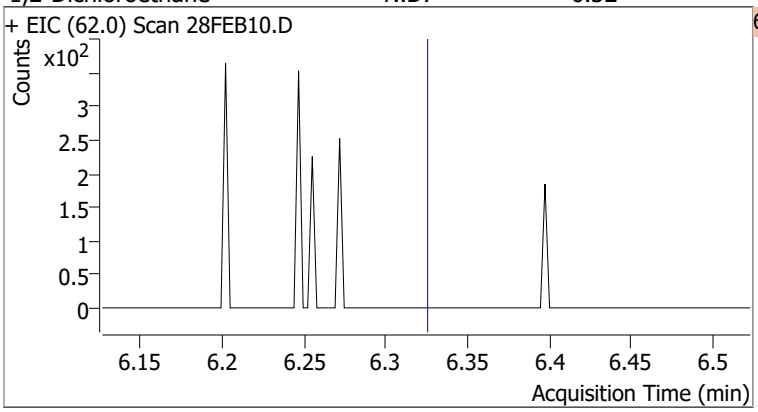


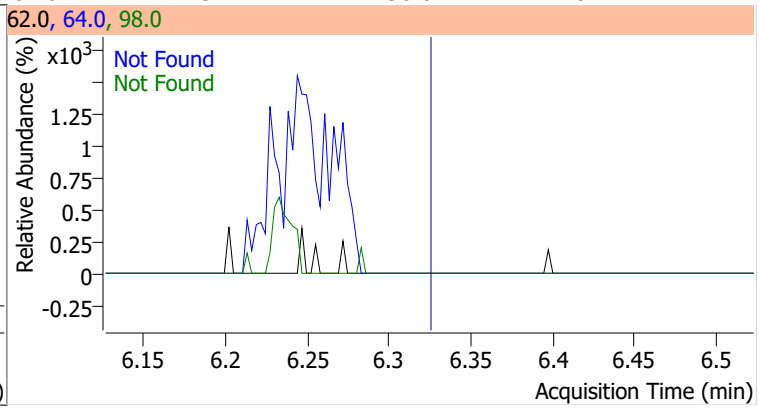
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



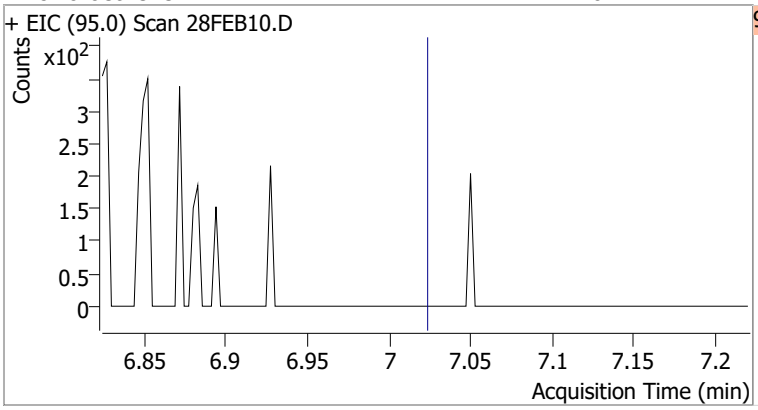


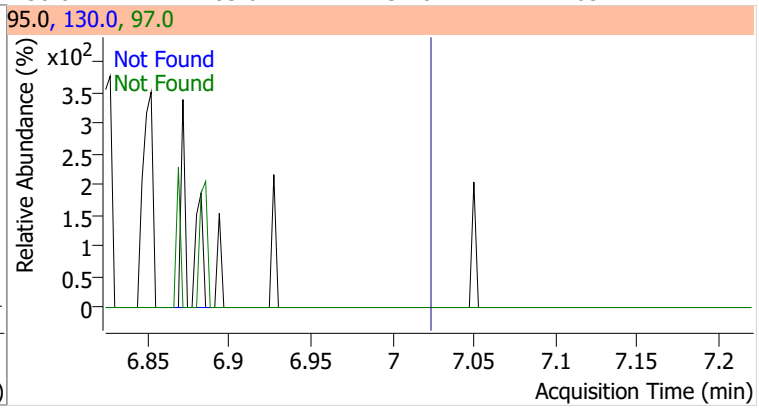
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



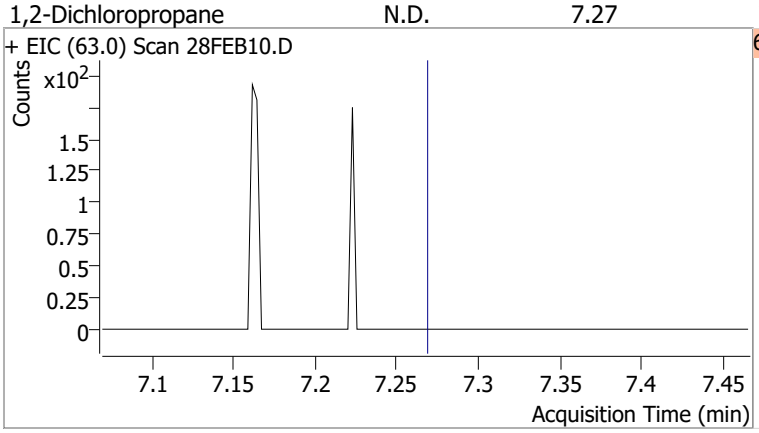


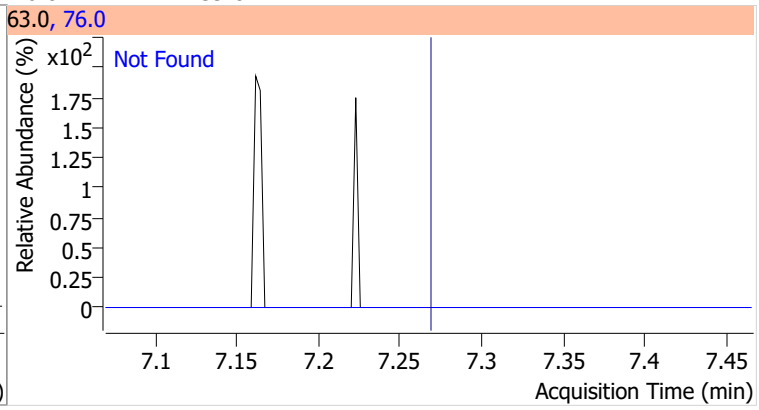
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



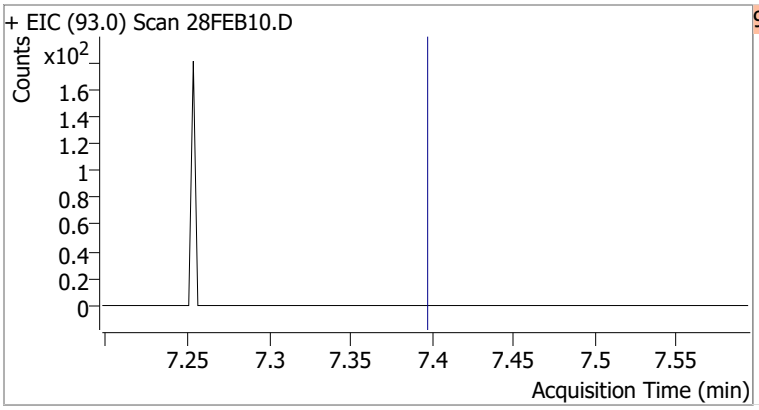


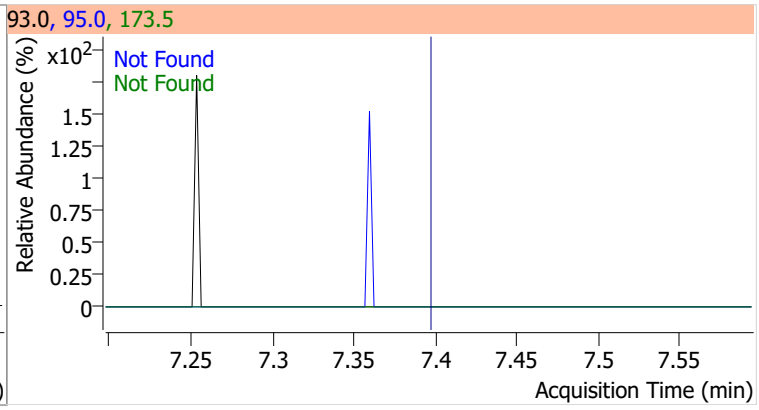
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



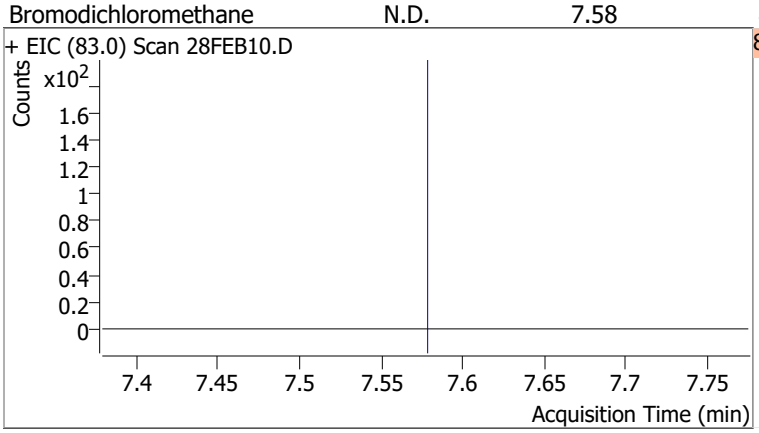


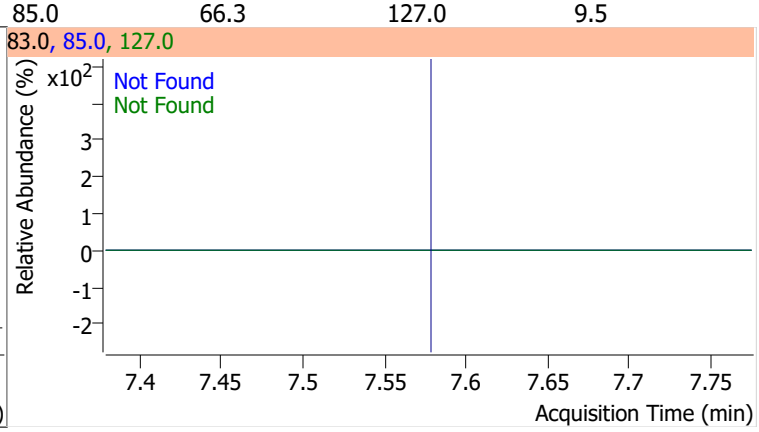
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



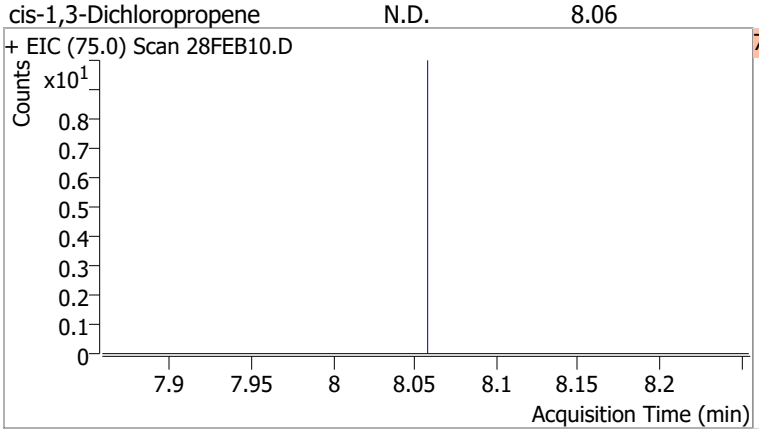


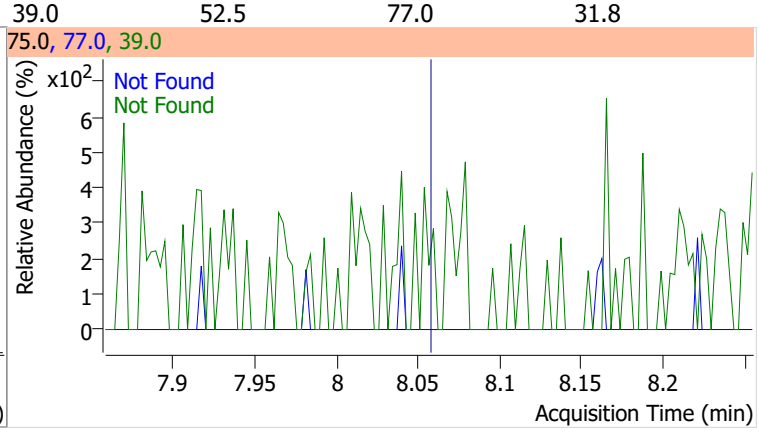
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



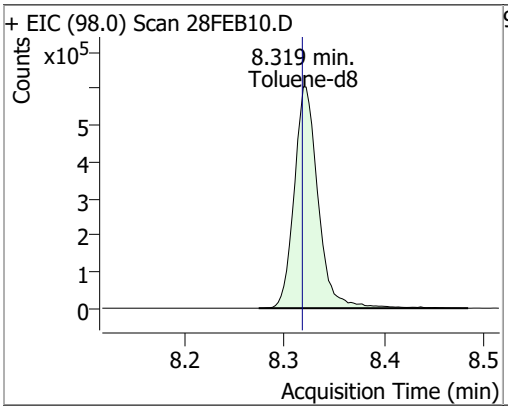


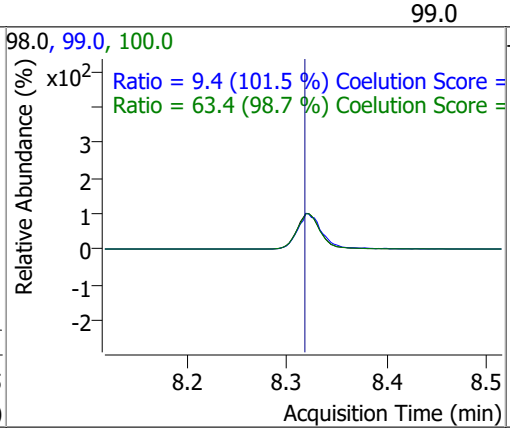
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

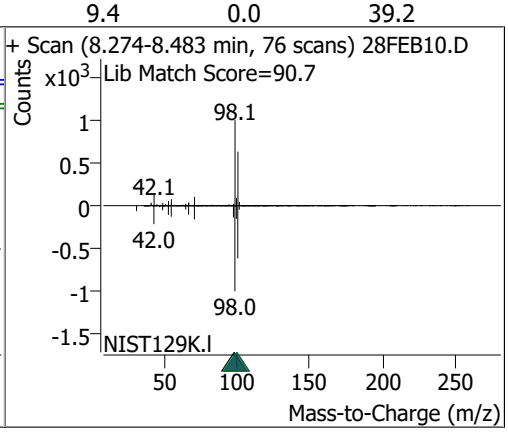




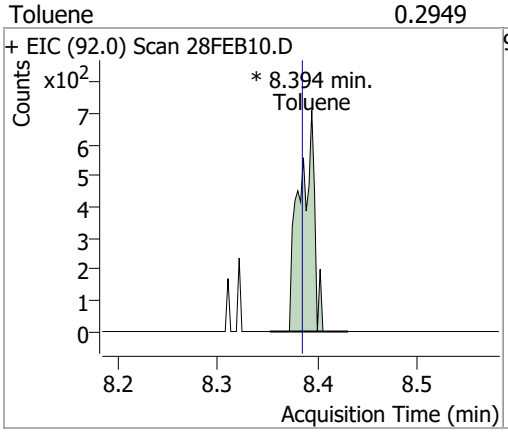
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	268.9077	8.32	0.00	1005218	100.0	63.4	34.3	94.3
					99.0	9.4	0.0	39.2

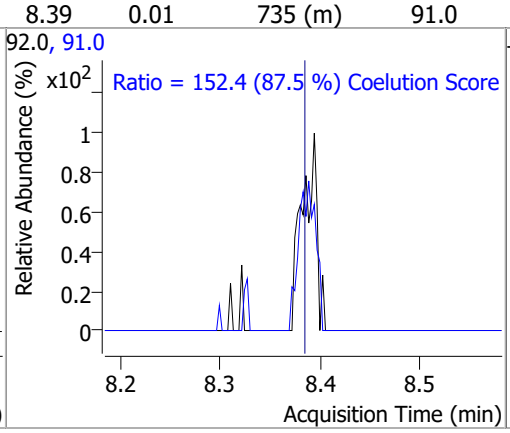


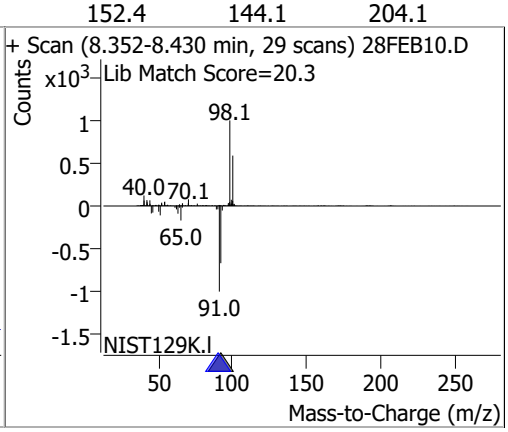




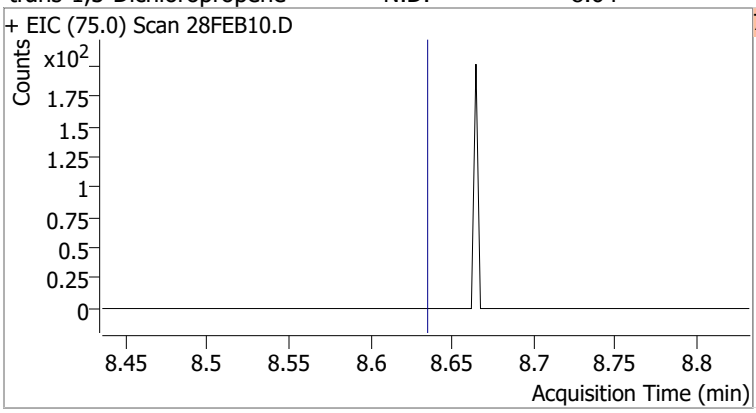
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.2949	8.39	0.01	735 (m)	91.0	152.4	144.1	204.1

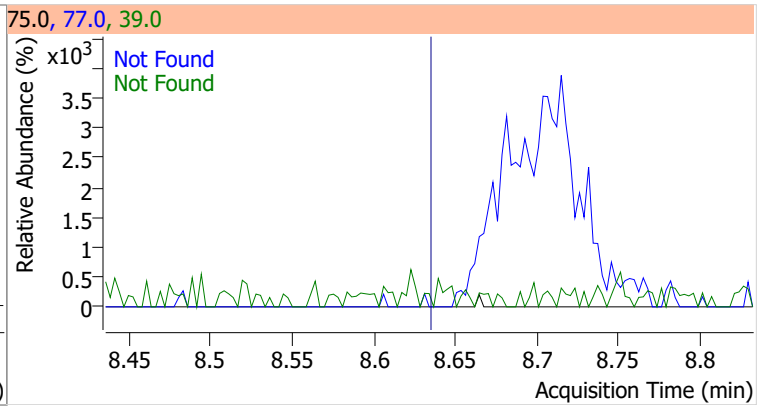




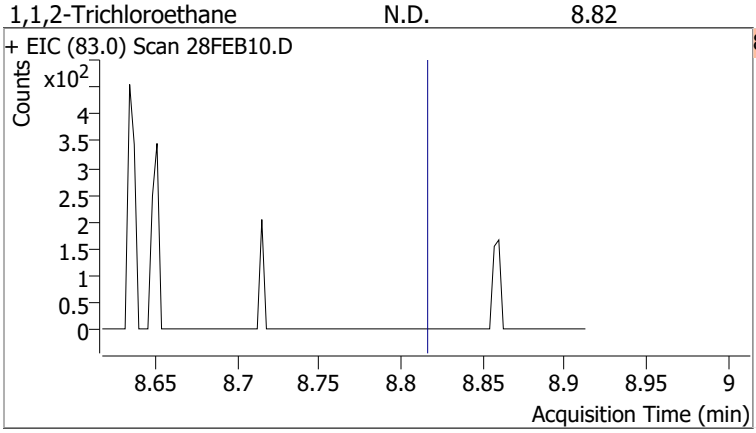


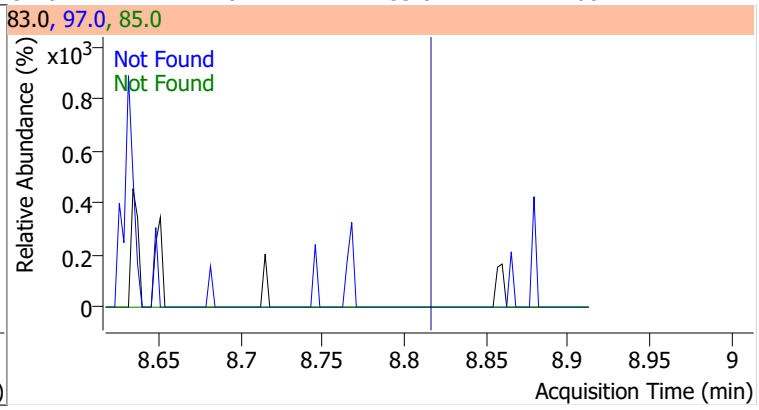
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



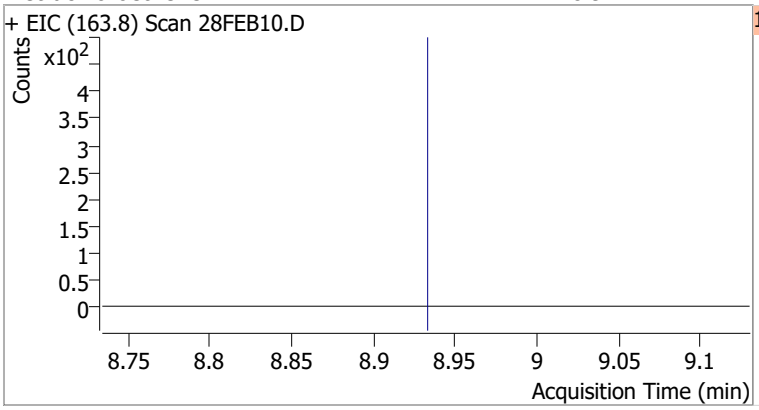


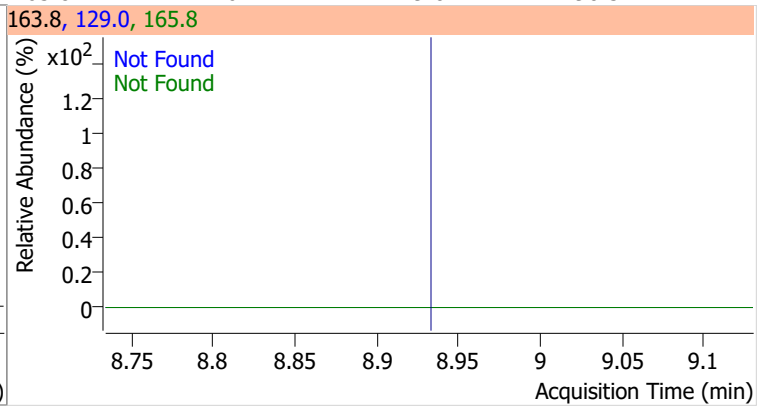
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



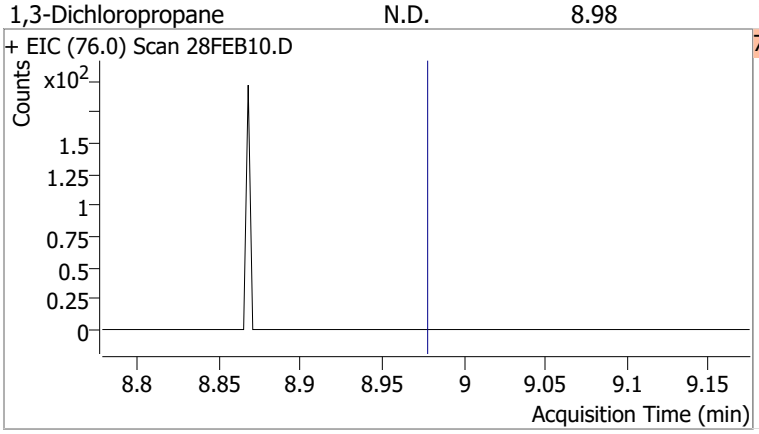


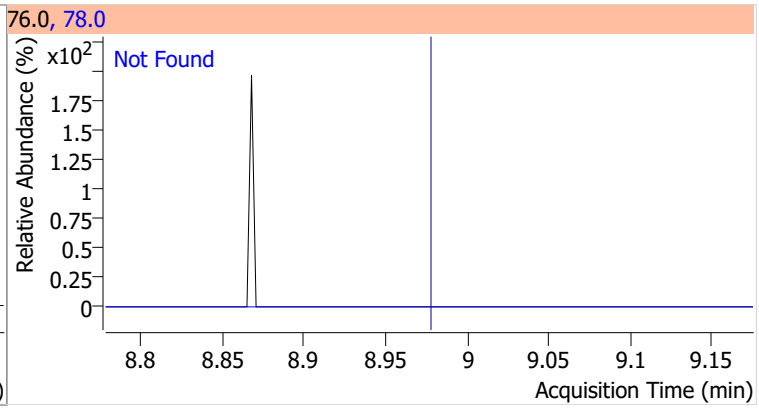
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



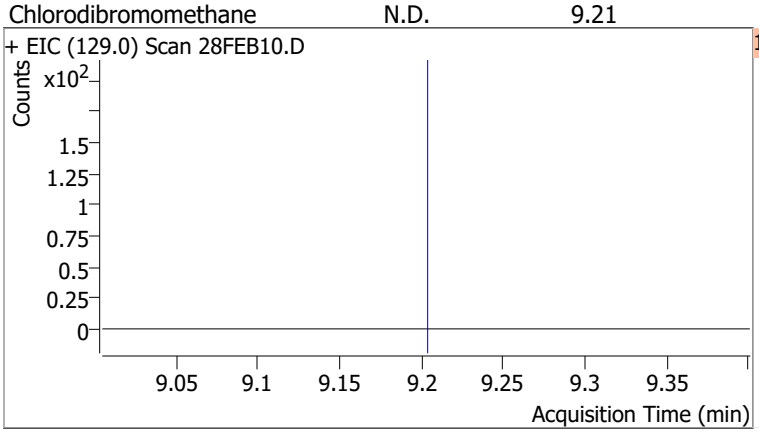


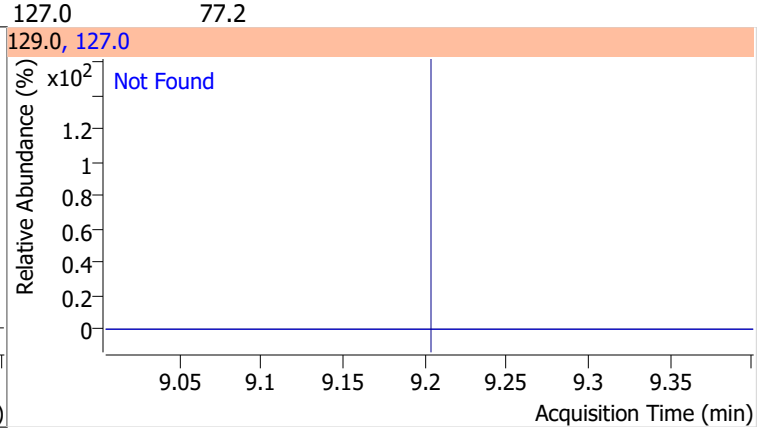
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



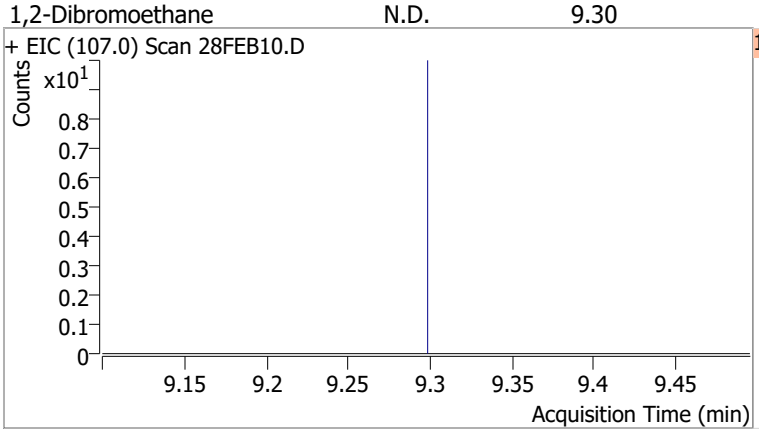


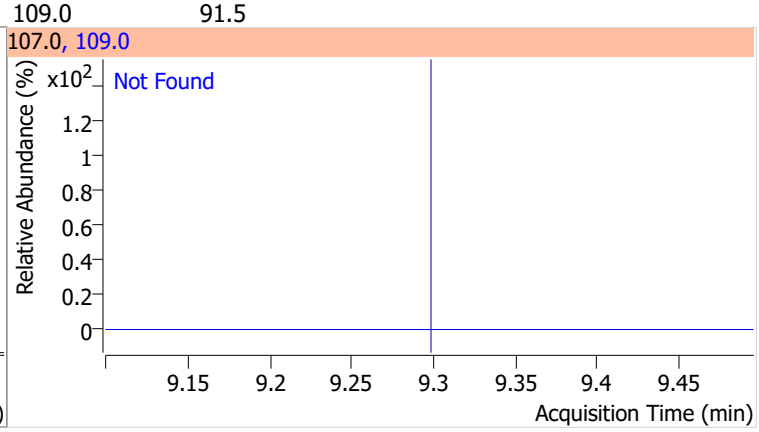
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



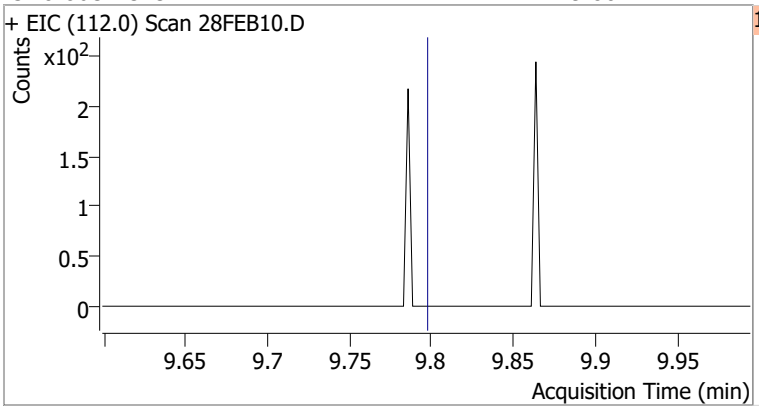


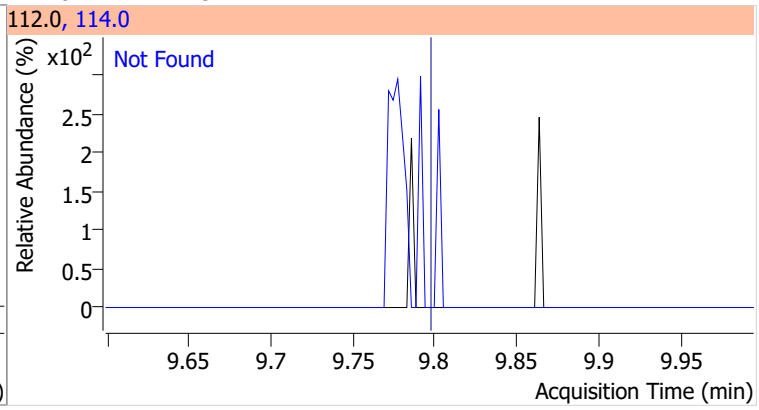
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



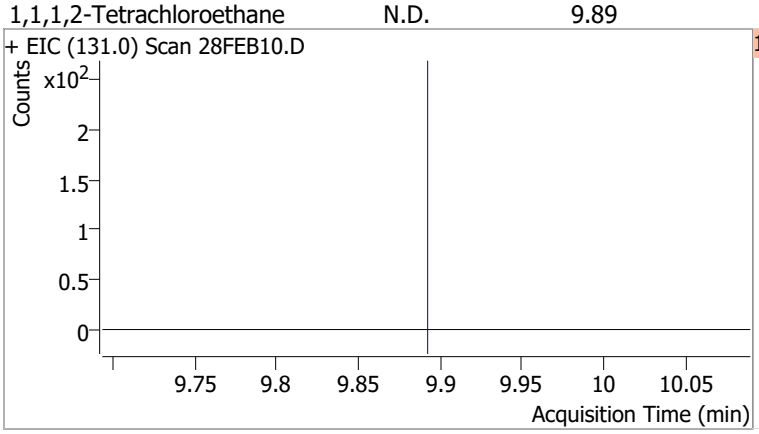


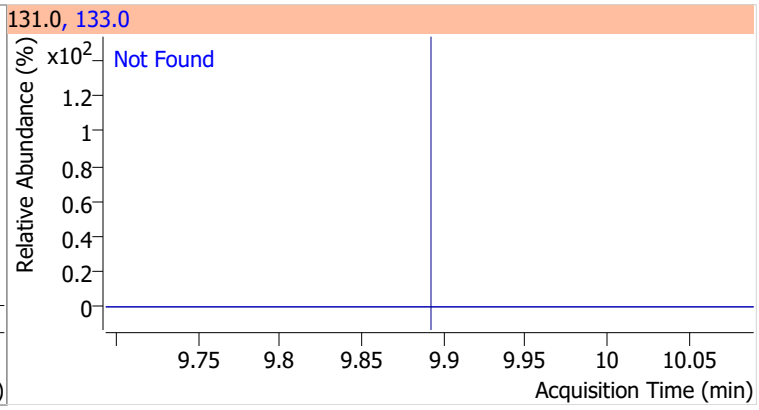
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



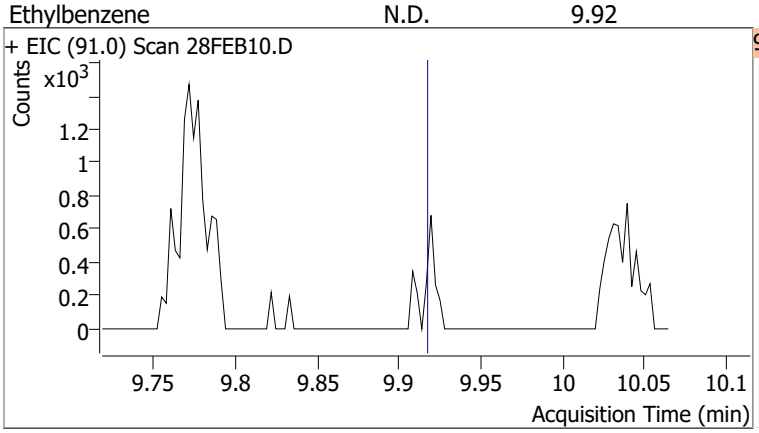


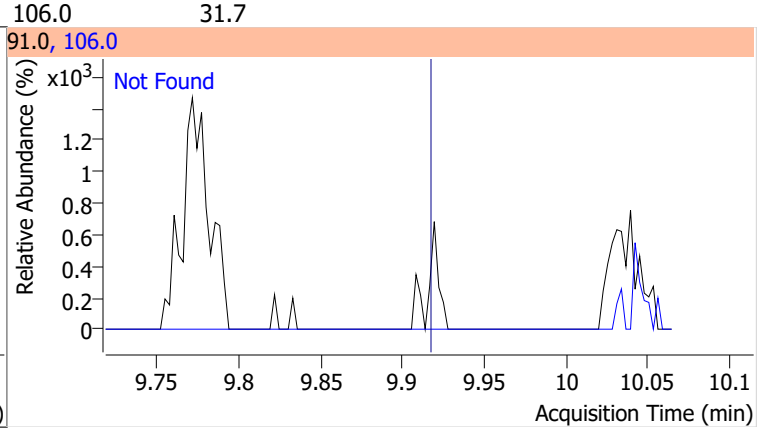
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



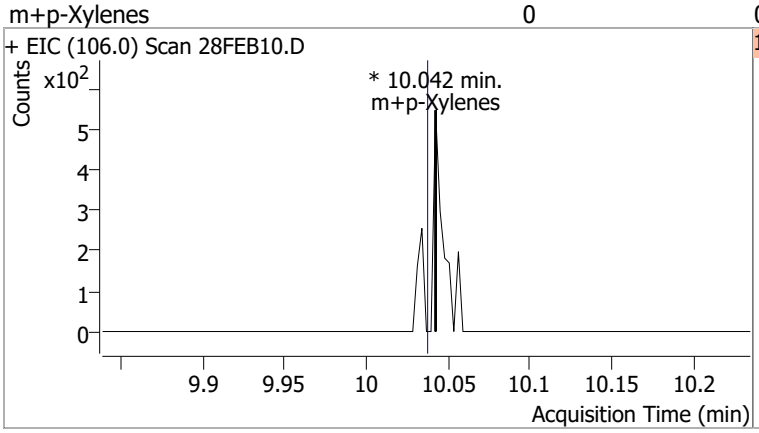


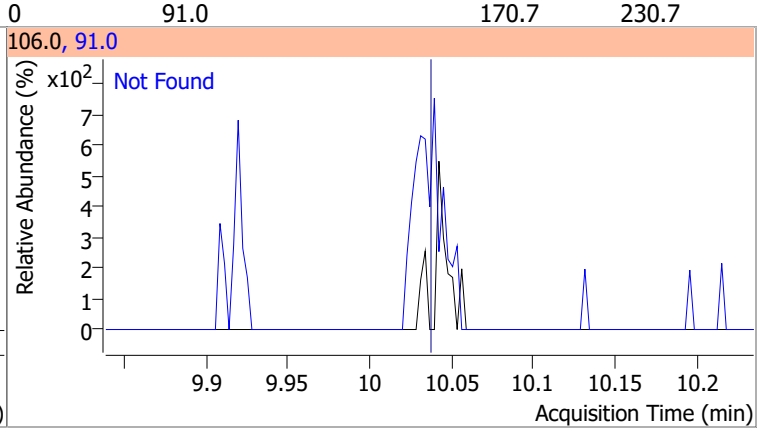
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



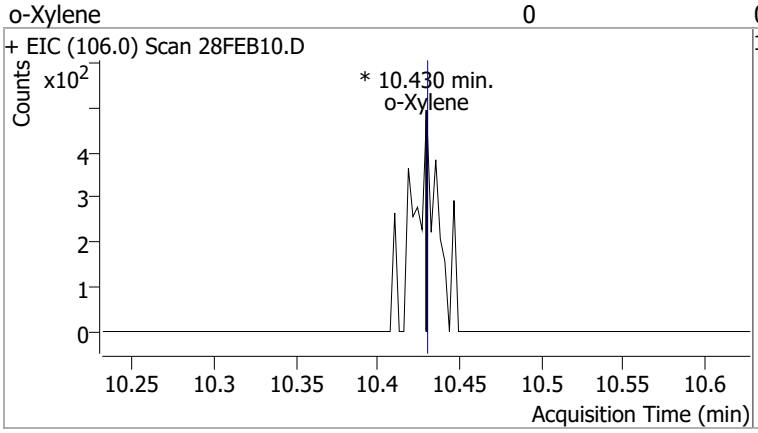


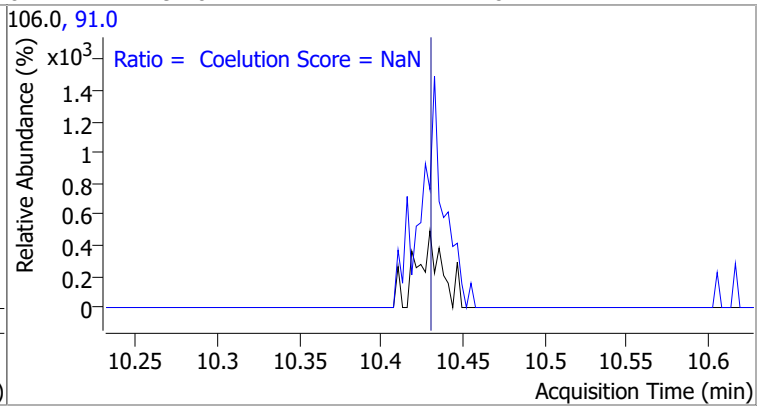
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		170.7	230.7



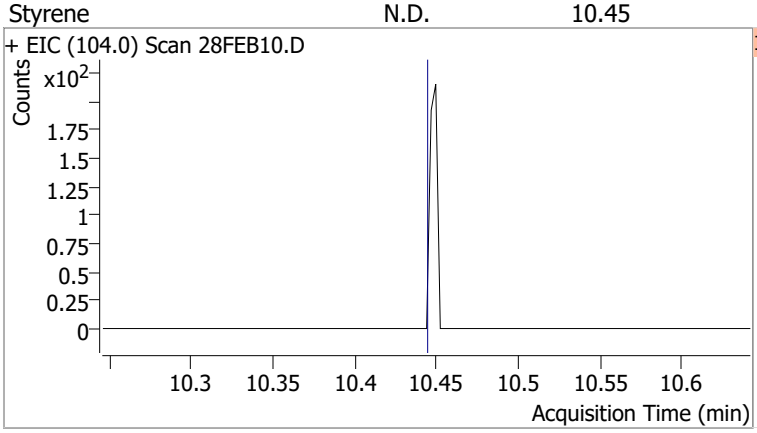


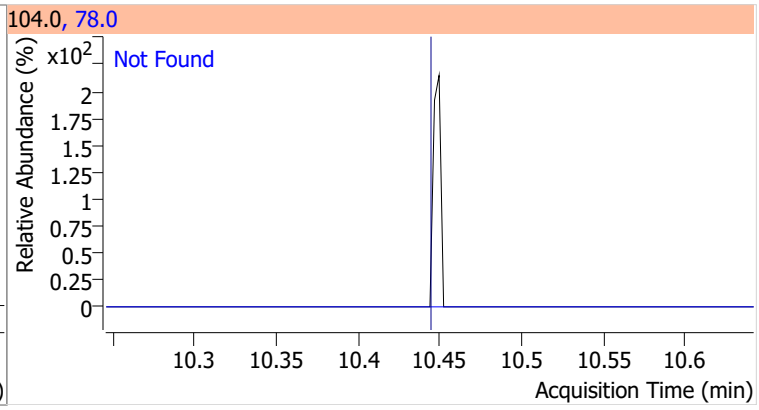
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene		0		0	91.0		181.4	241.4



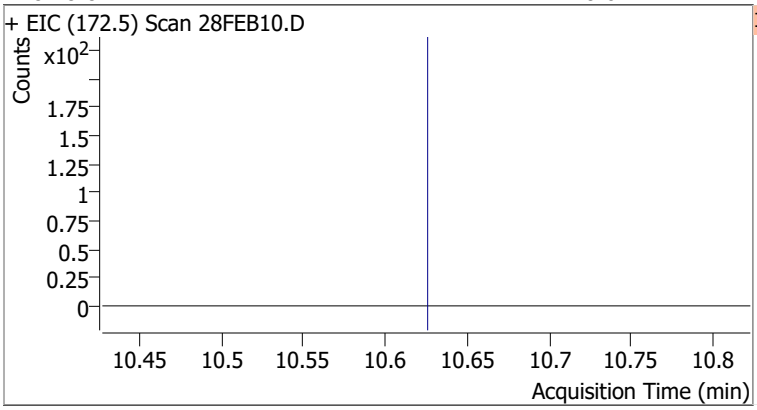


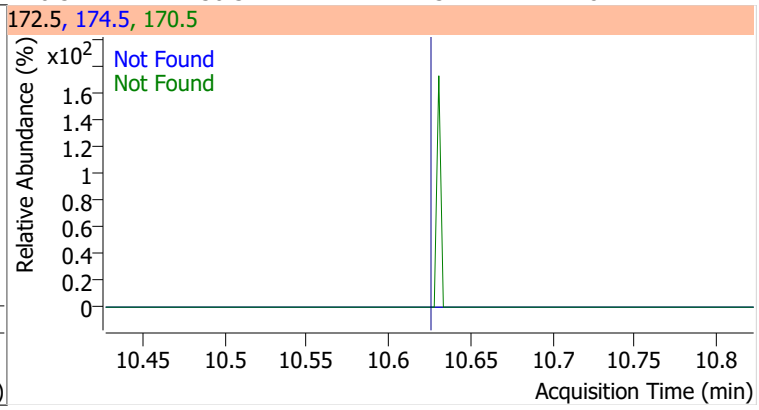
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



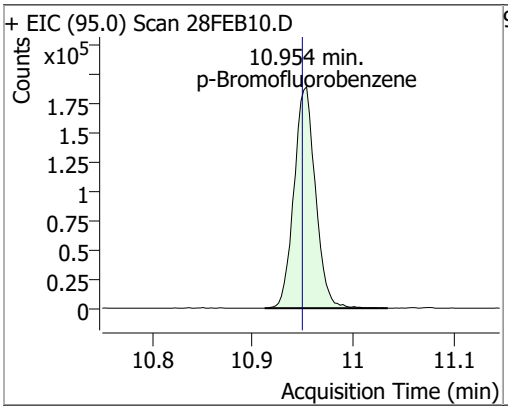


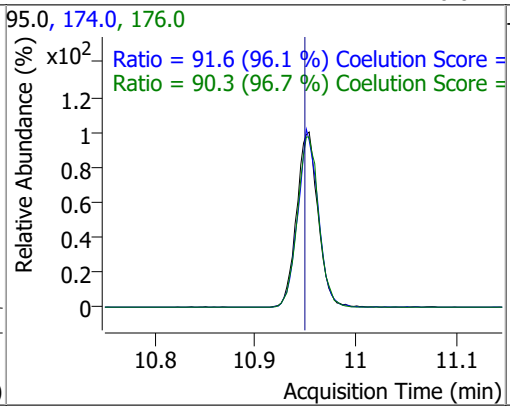
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

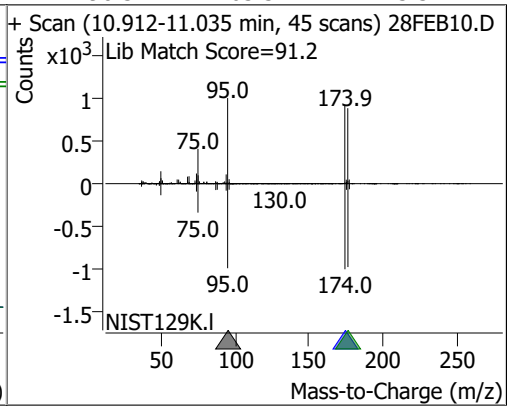




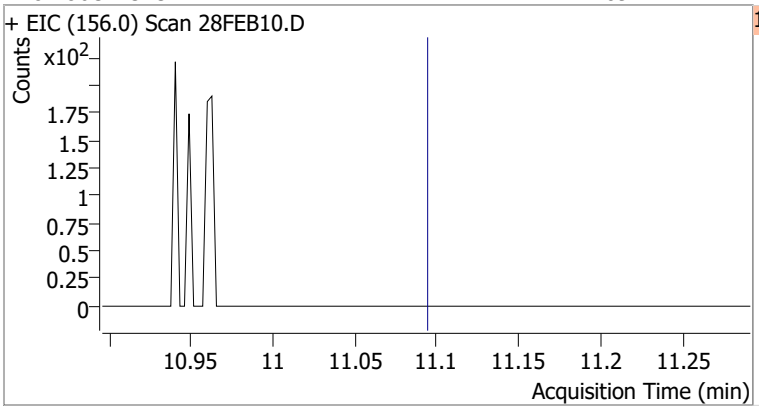
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	266.7309	10.95	0.01	280694	174.0	91.6	65.3	125.3
					176.0	90.3	63.3	123.3

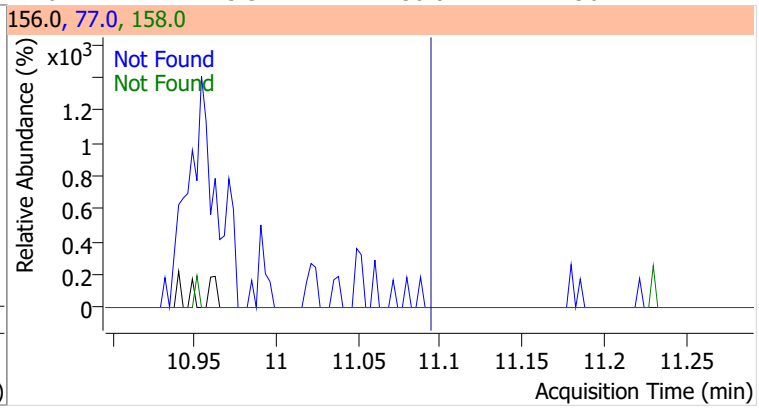




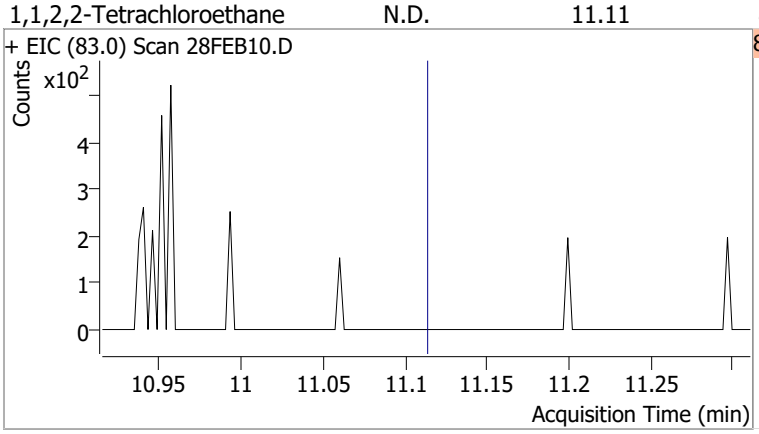


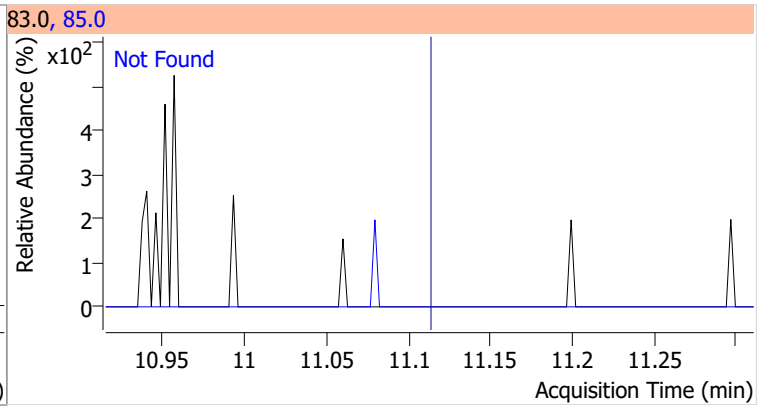
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



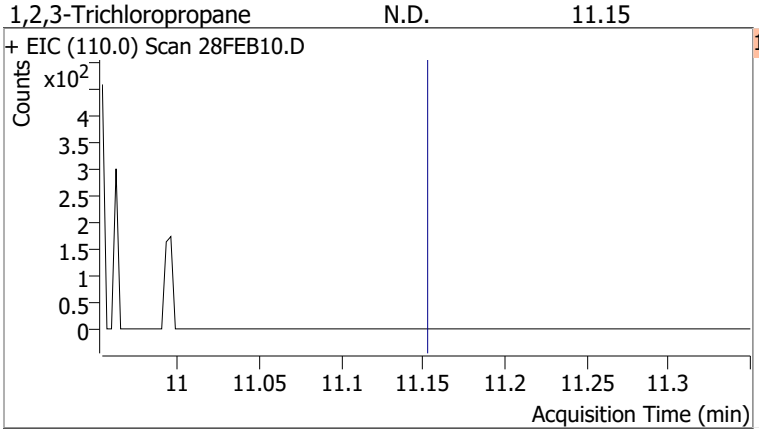


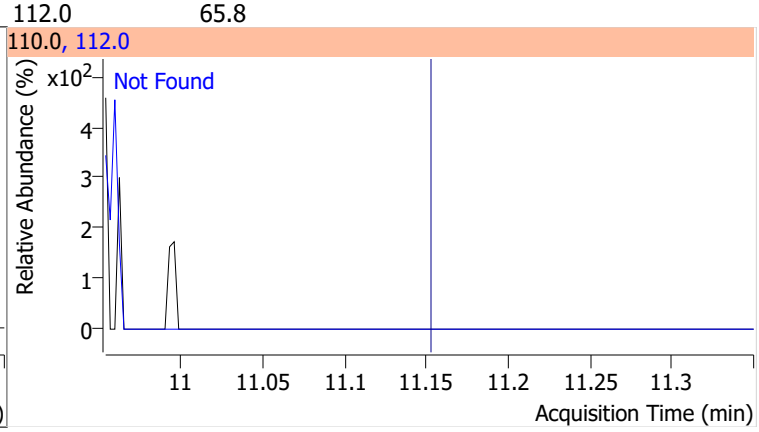
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



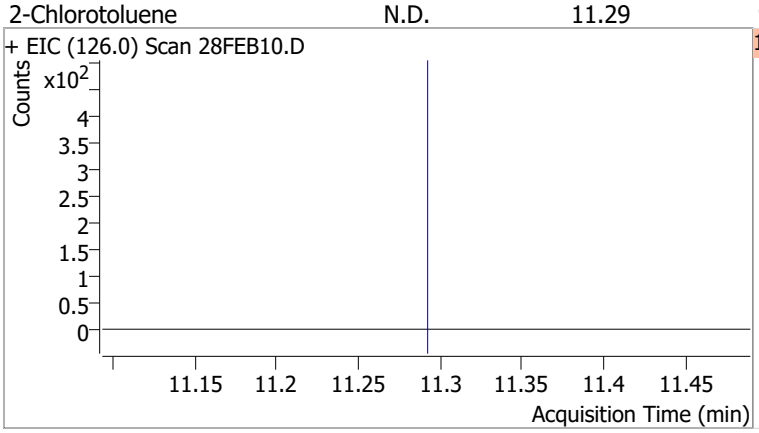


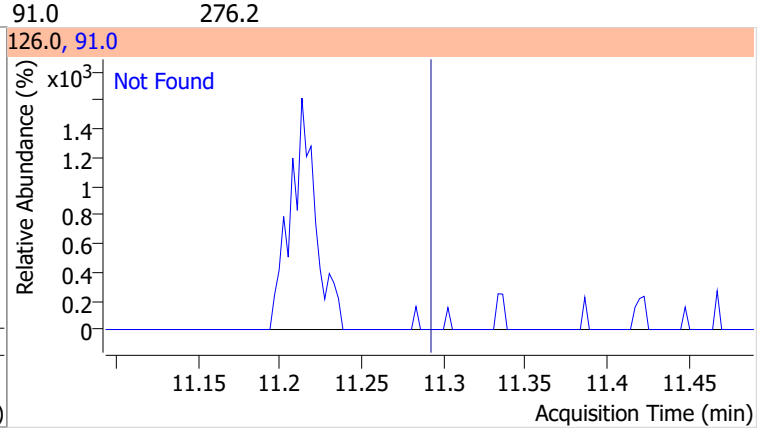
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



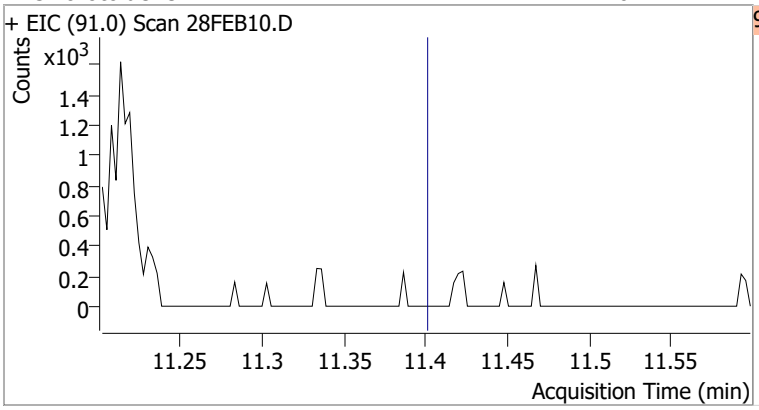


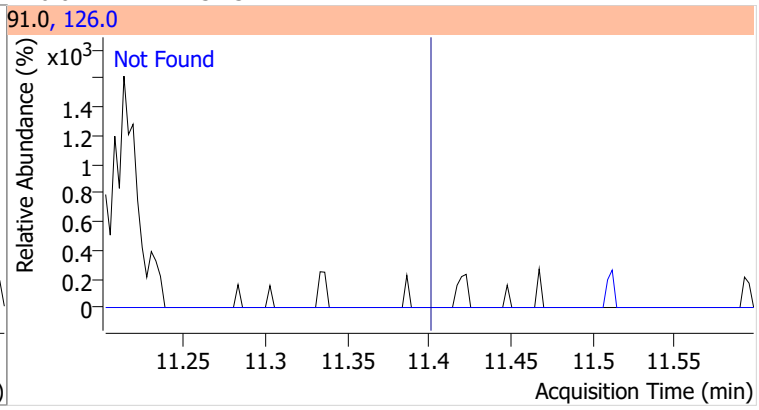
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



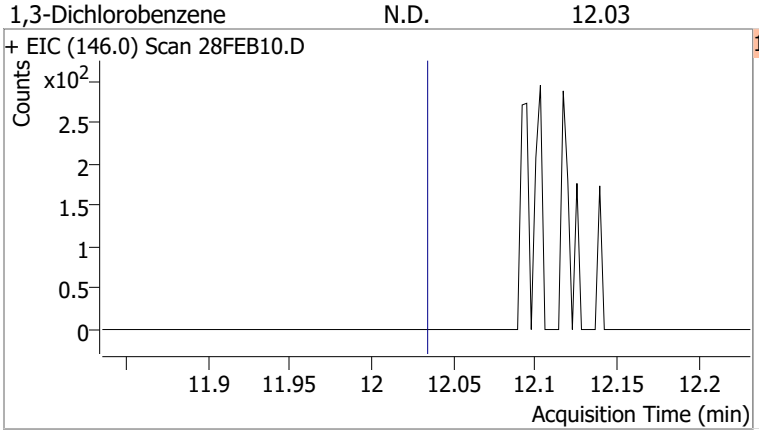


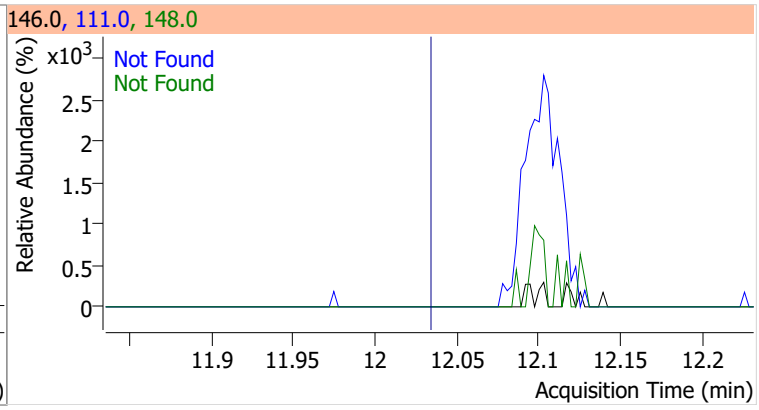
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



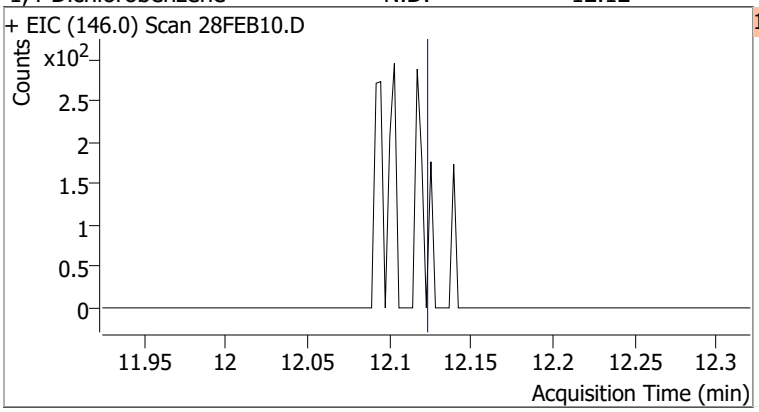


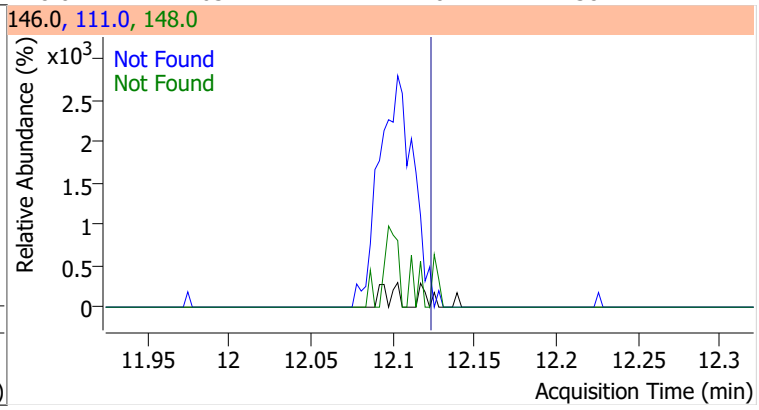
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



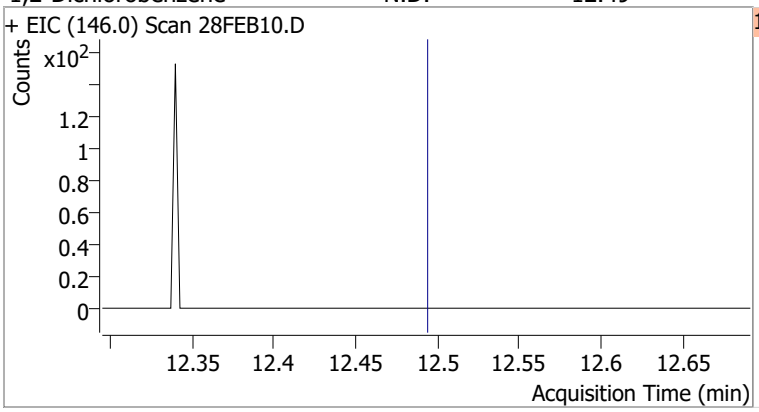


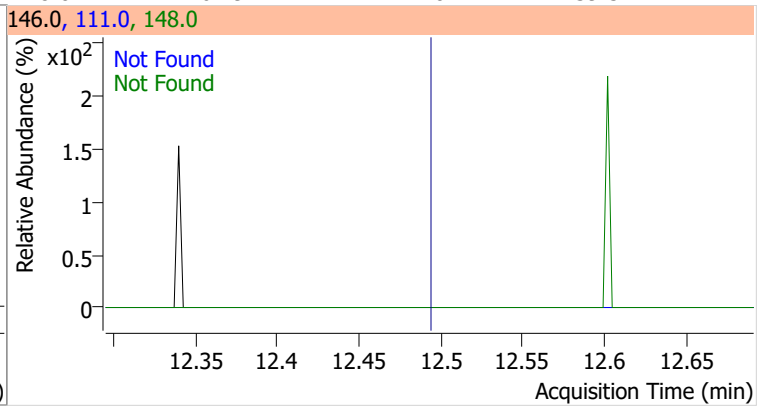
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





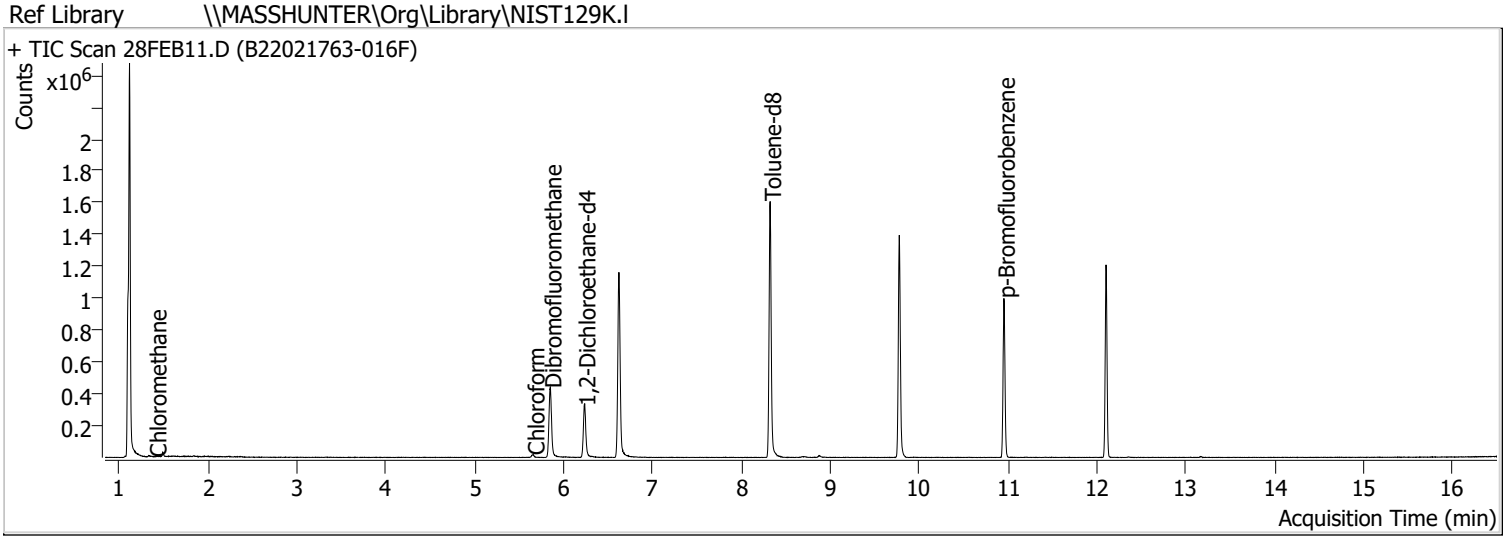
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 2:57:12 PM
Sample Name	B22021763-016F	Instrument	VOA5975C
Vial	11	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

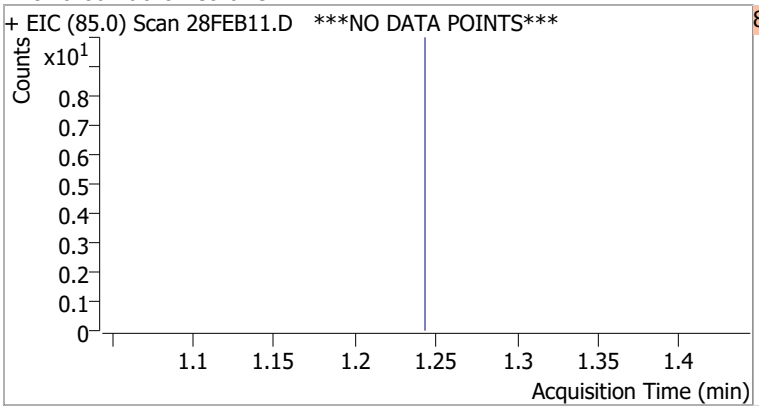


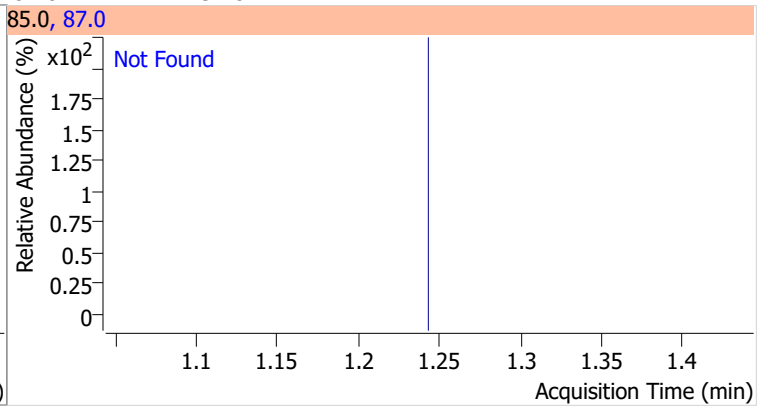
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	1003717	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	390090	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	278893	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	270477	278.2163	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 111.29%			
S 1,2-Dichloroethane-d4	6.233	67.0	119750	285.1481	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.06%			
S Toluene-d8	8.321	98.0	1010933	265.6363	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.25%			
S p-Bromofluorobenzene	10.951	95.0	279192	271.1292	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.45%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.408	50.0	421	0.2647	ng	m	79
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	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	5.658	83.0	13363	6.8595	ng		96

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	8.394	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	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.			

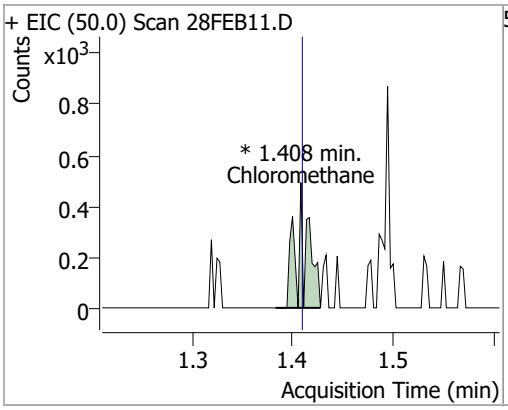
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

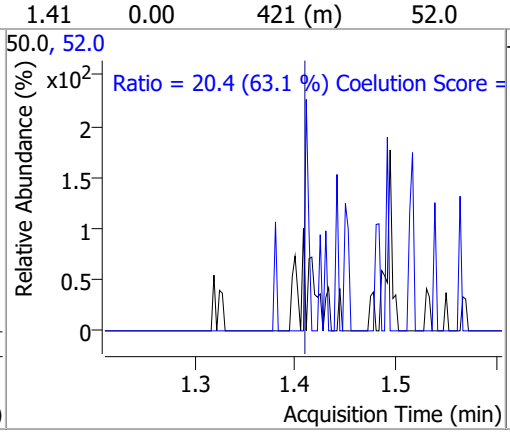
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

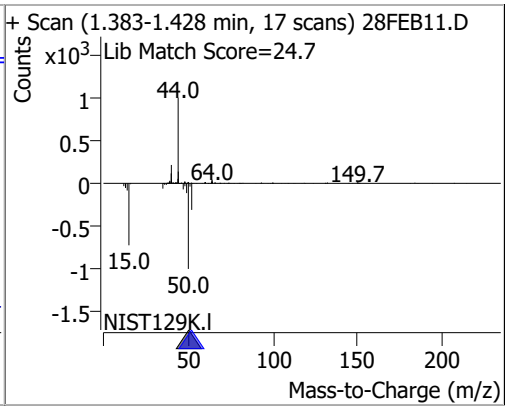




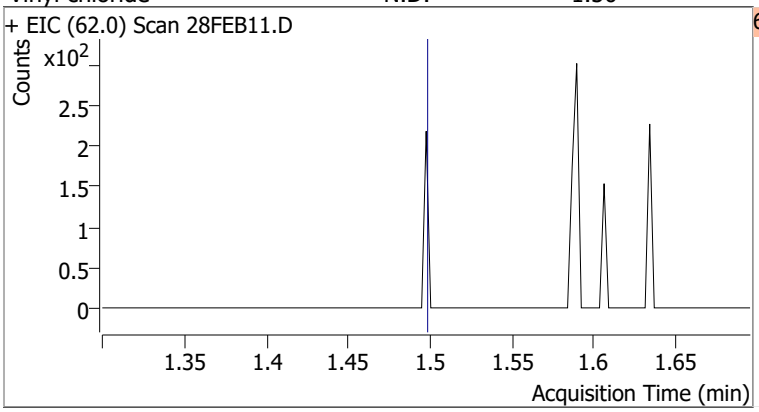
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.2647	1.41	0.00	421 (m)	52.0	20.4	2.4	62.4

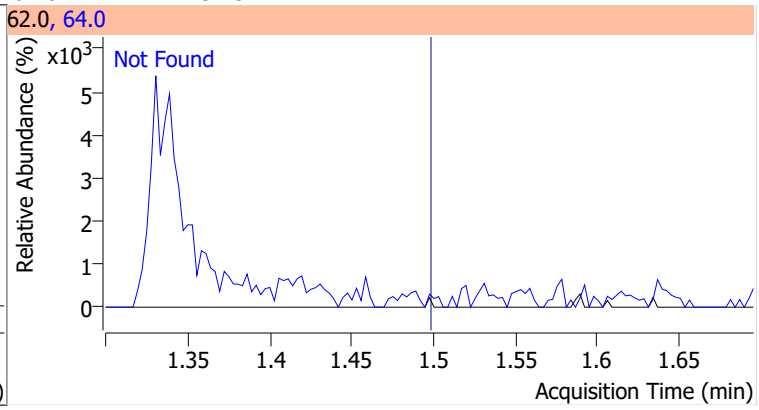




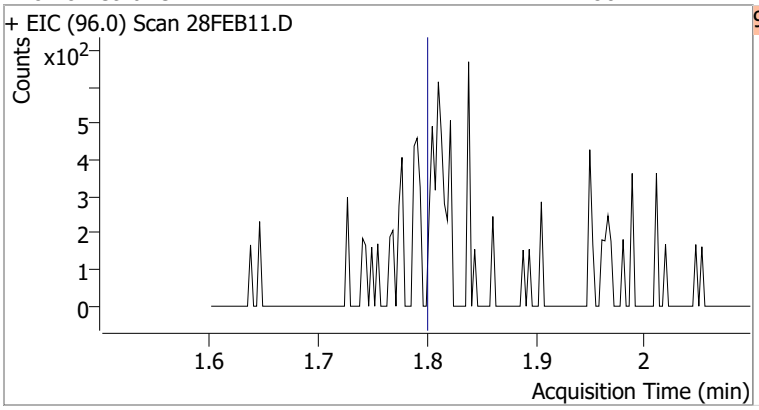


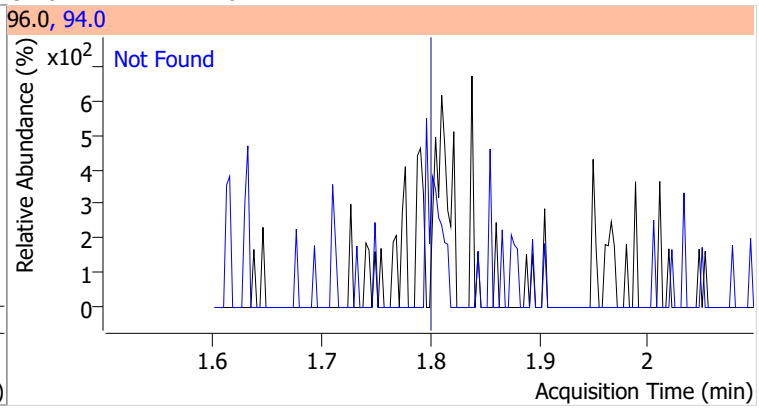
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



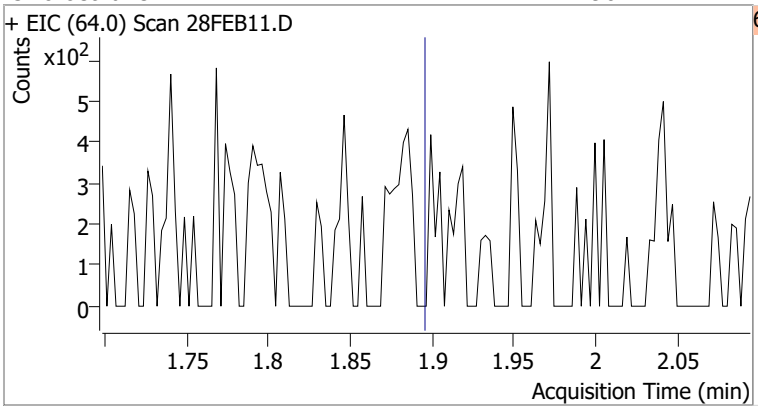


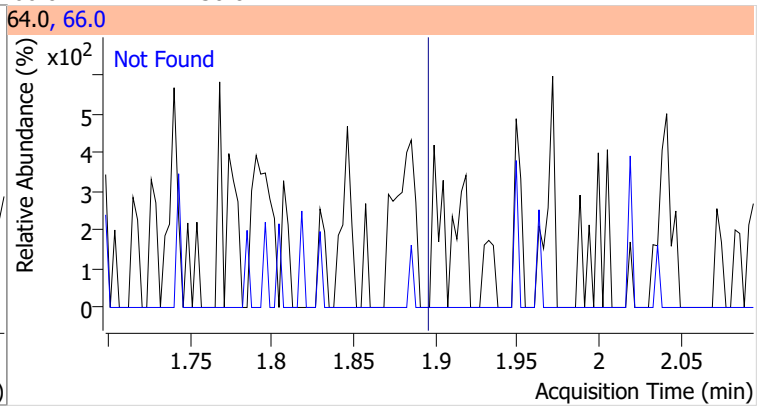
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



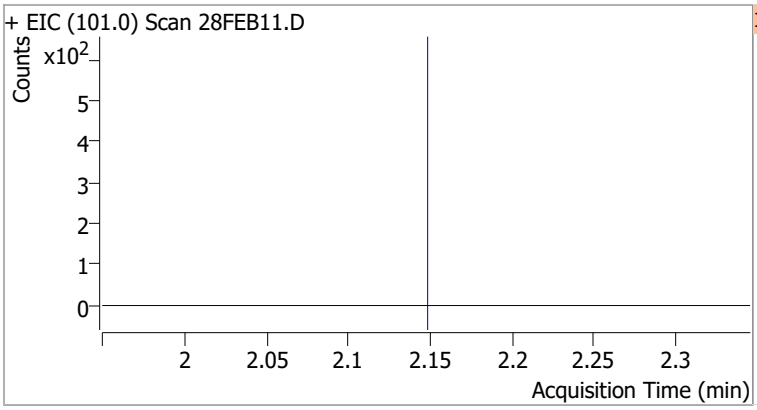


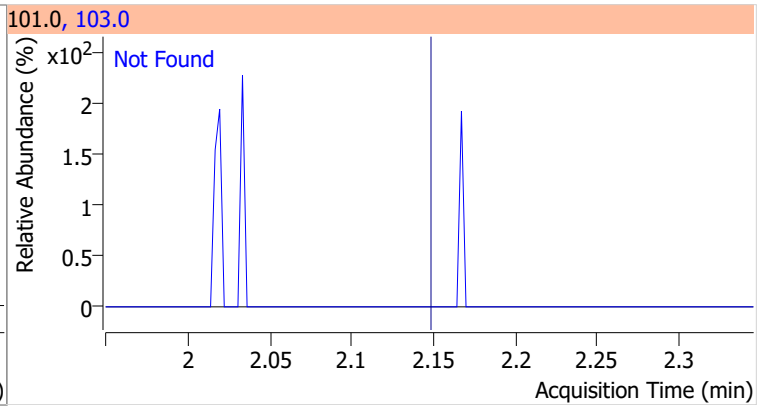
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



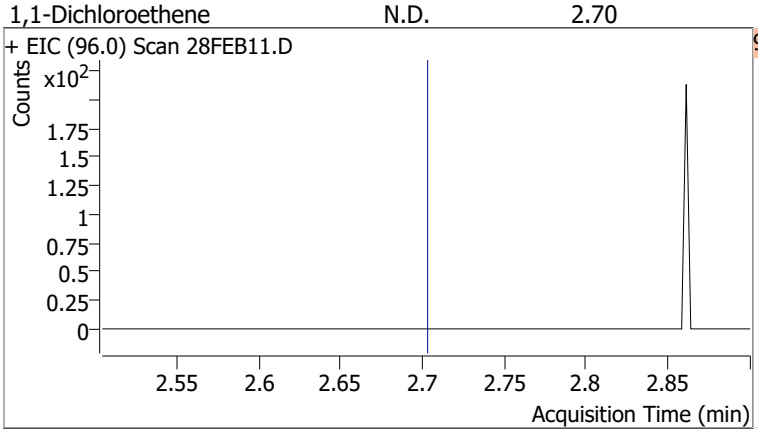


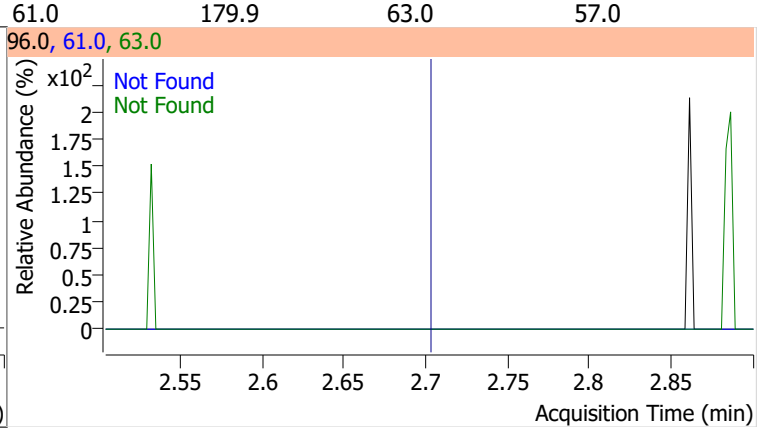
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



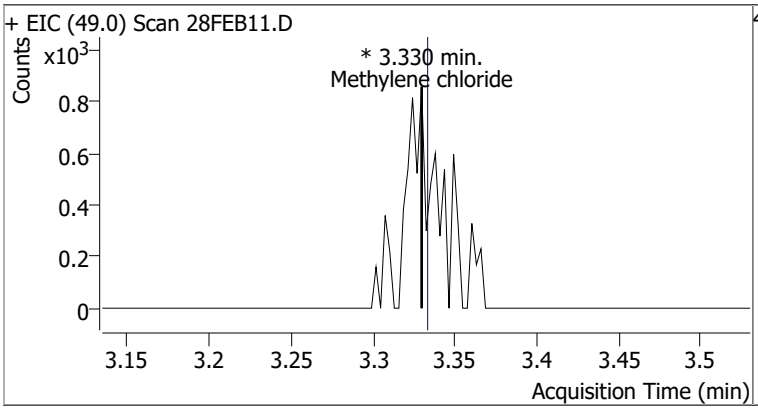


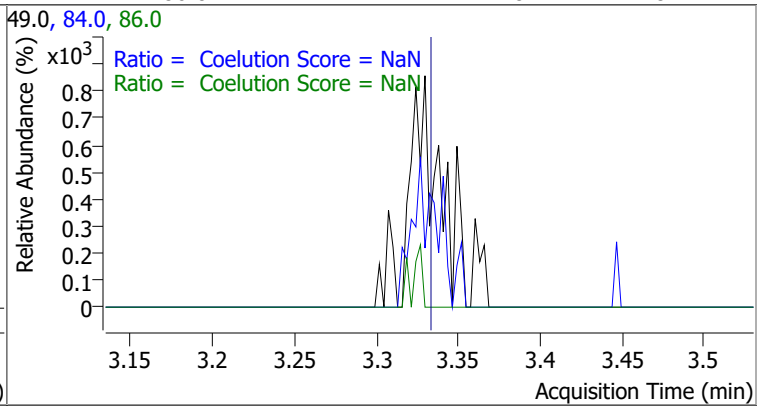
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0



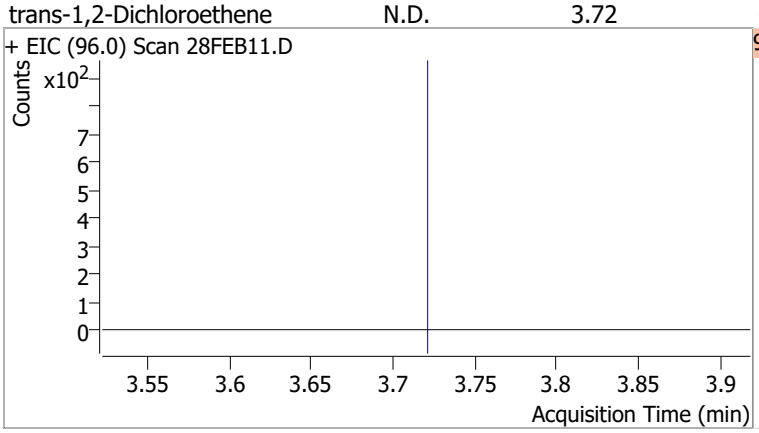


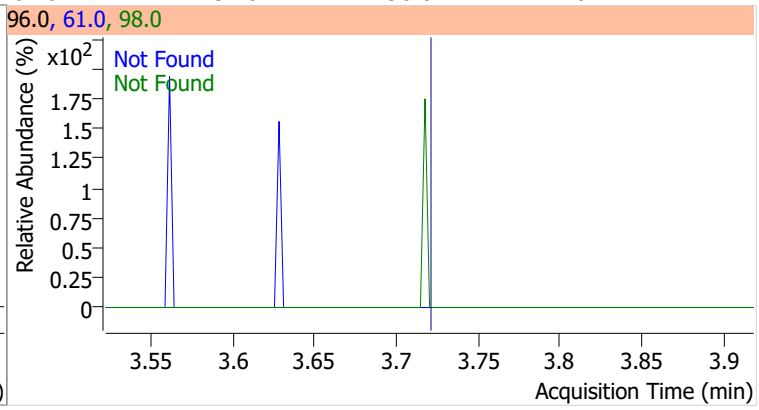
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride		0		0	84.0		36.1	96.1
					86.0		11.8	71.8



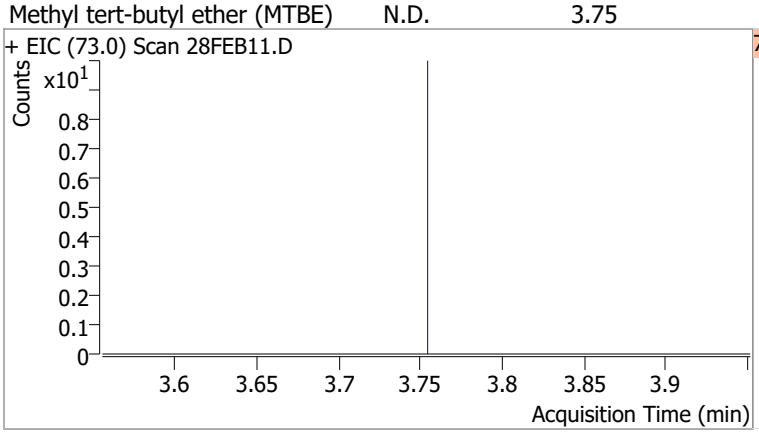


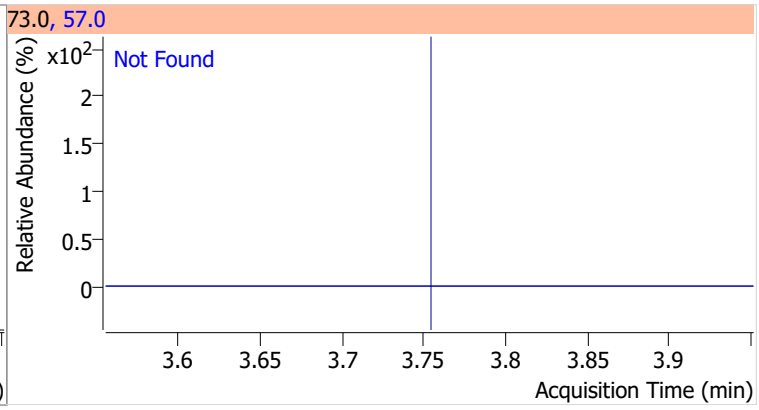
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



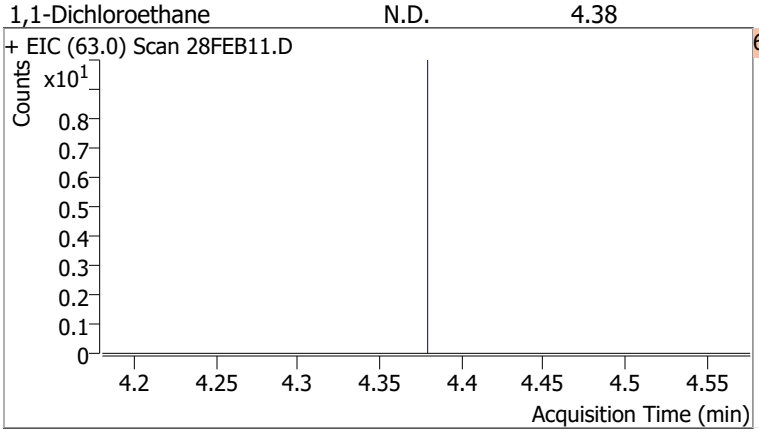


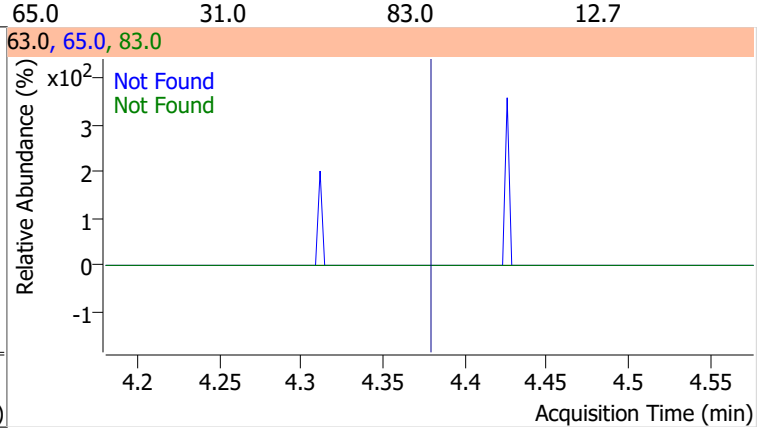
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



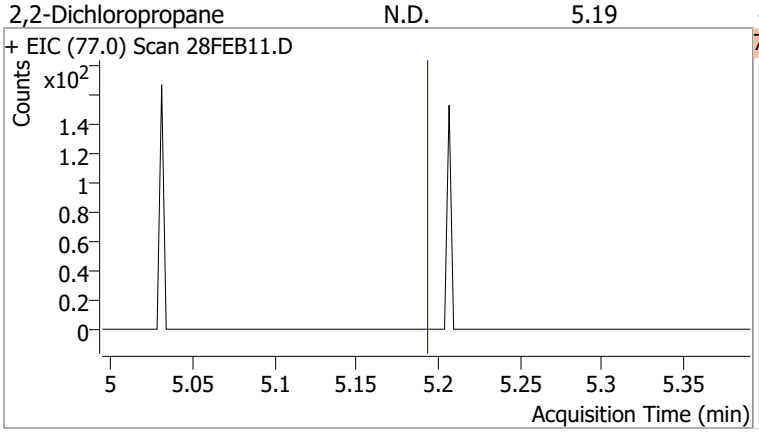


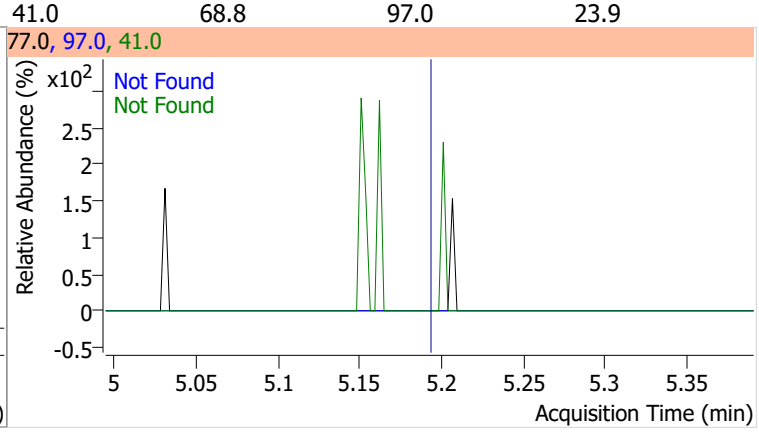
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



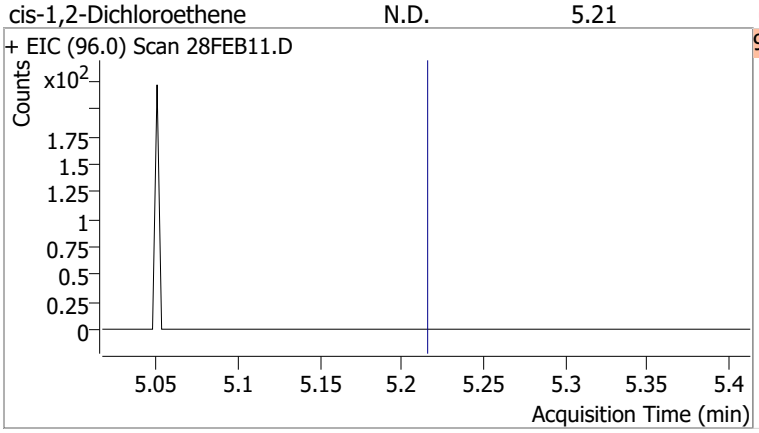


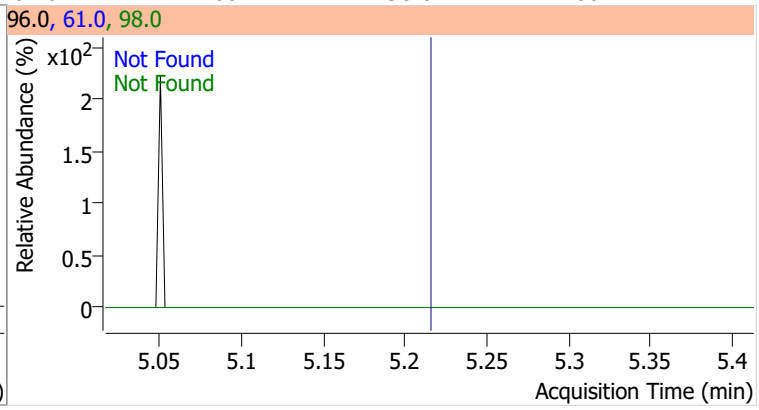
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



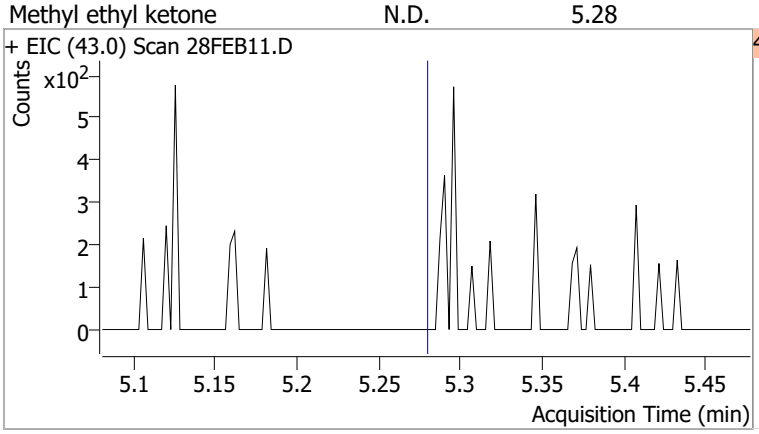


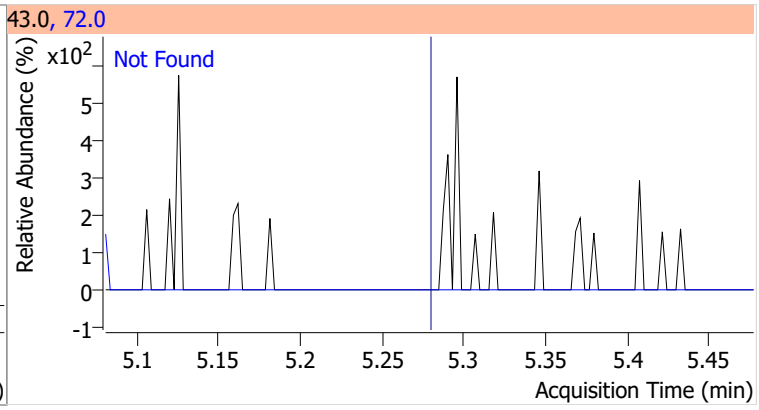
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



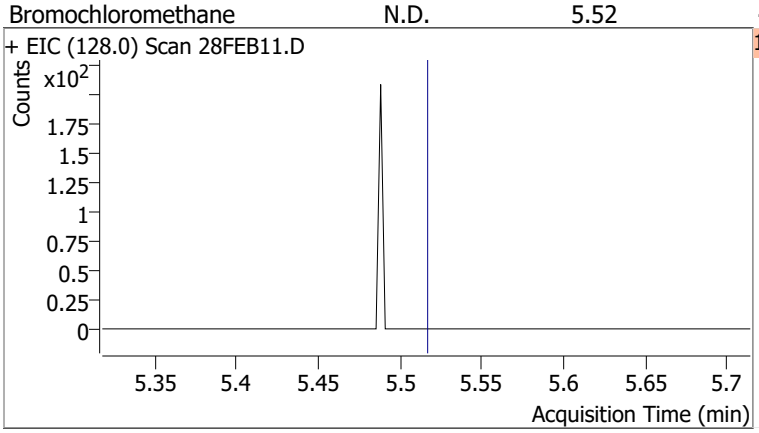


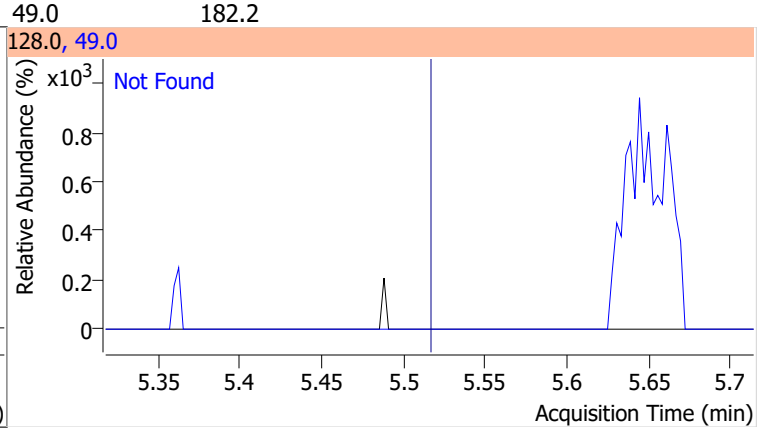
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



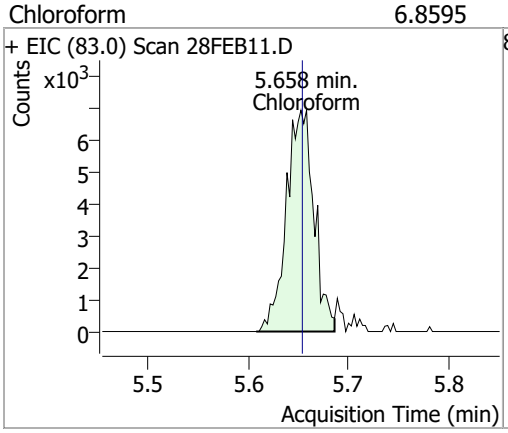


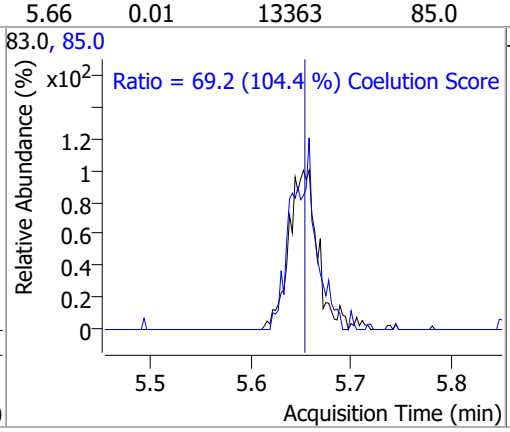
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

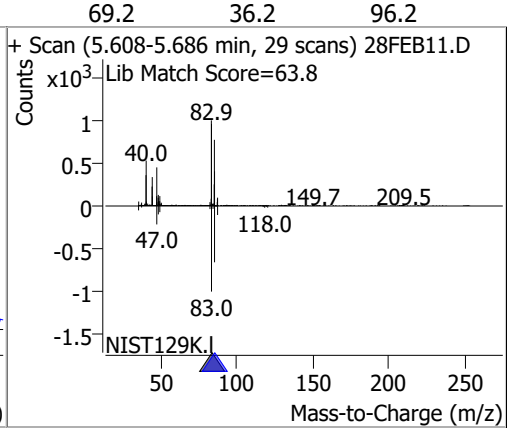




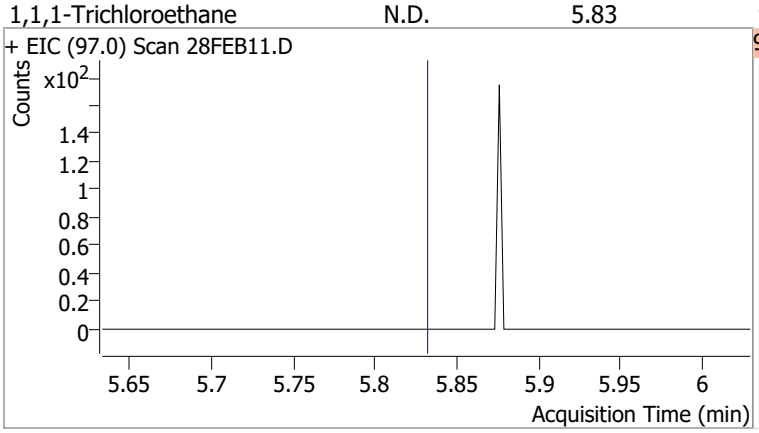
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	6.8595	5.66	0.01	13363	85.0	69.2	36.2	96.2

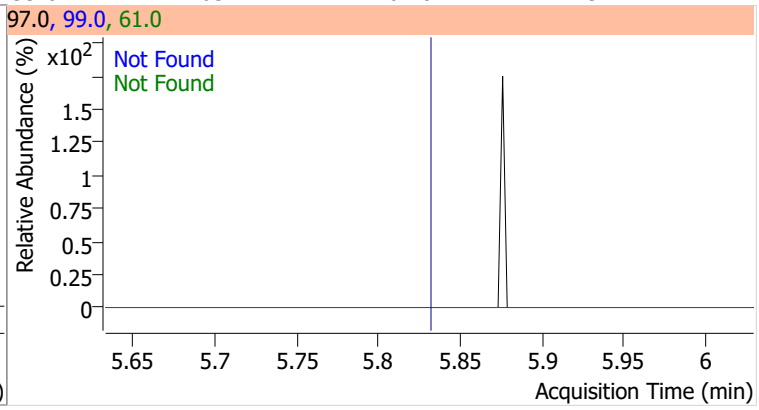




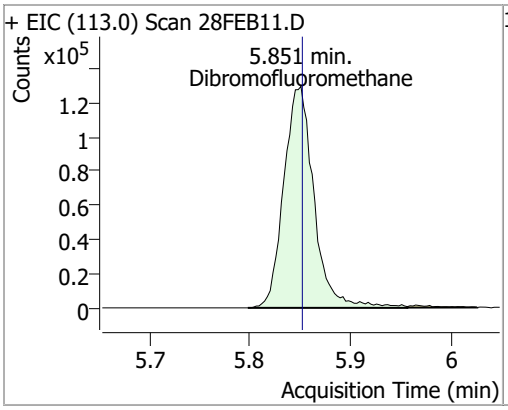


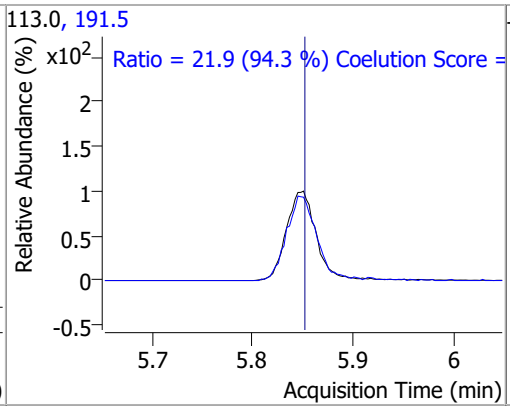
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

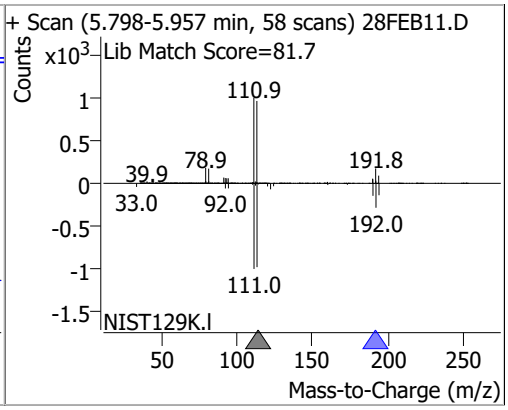




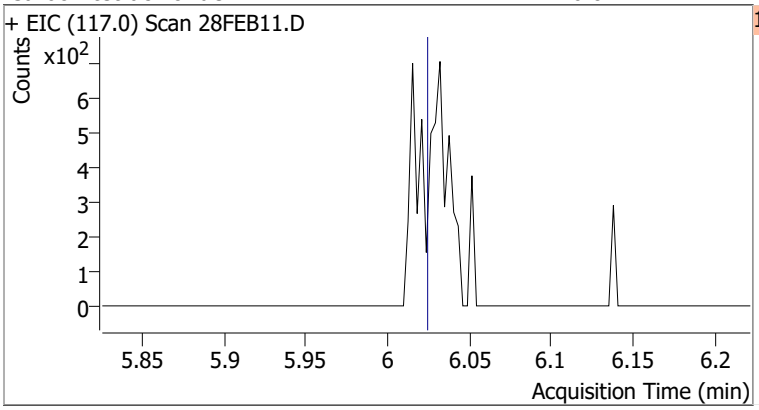
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	278.2163	5.85	0.00	270477	191.5	21.9	0.0	53.2

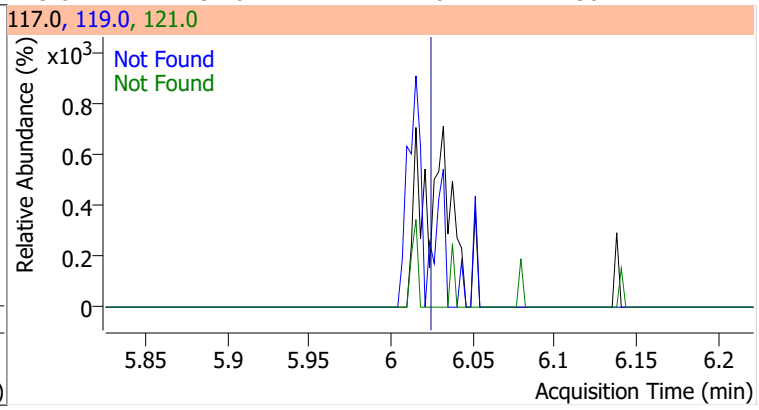




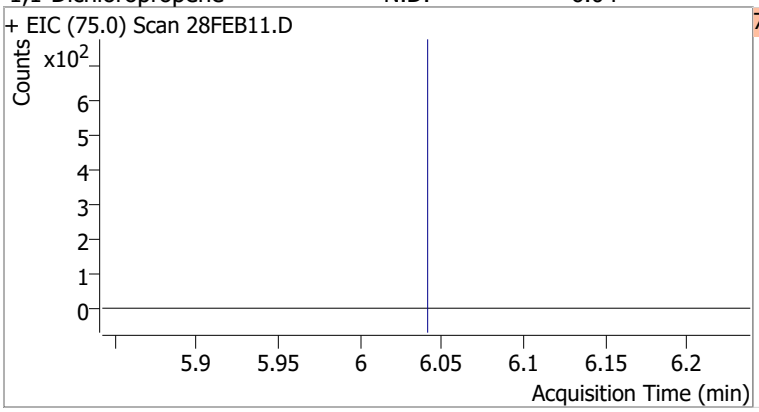


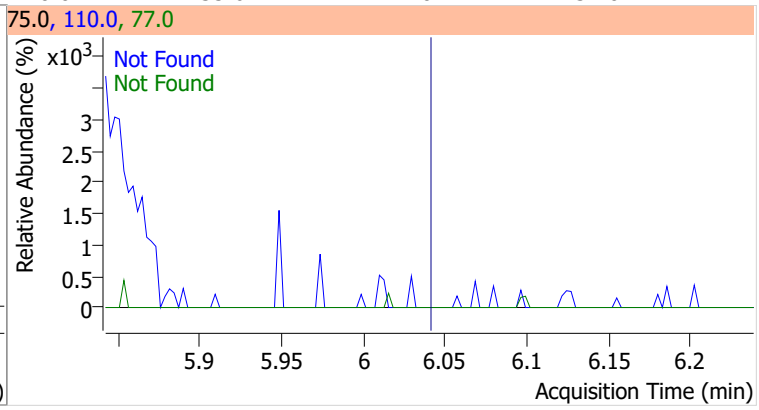
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



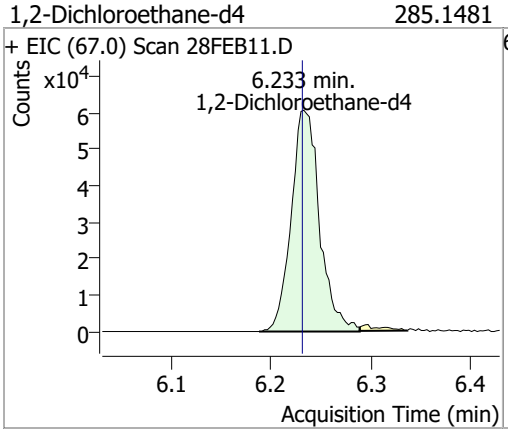


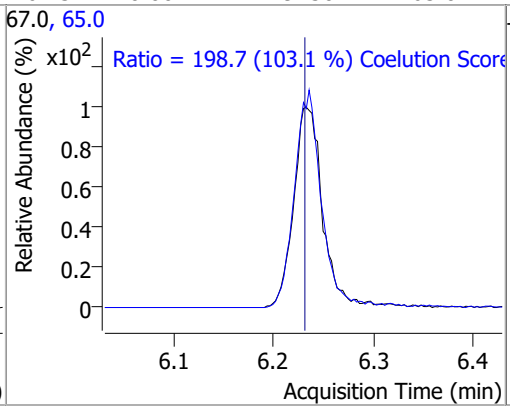
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

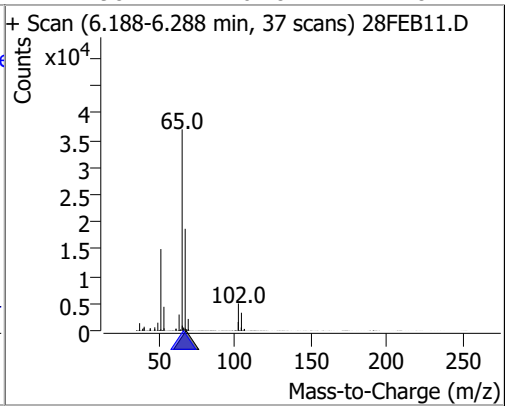




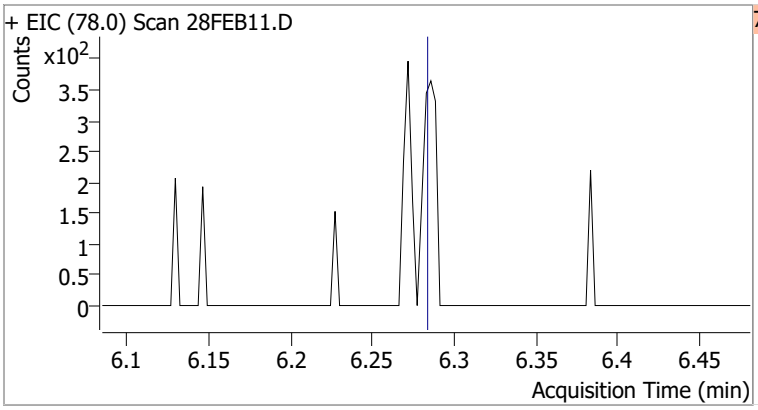
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	285.1481	6.23	0.00	119750	65.0	198.7	162.8	222.8

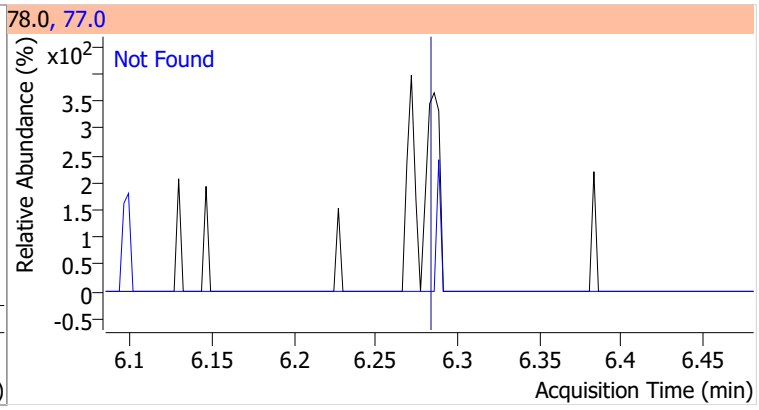




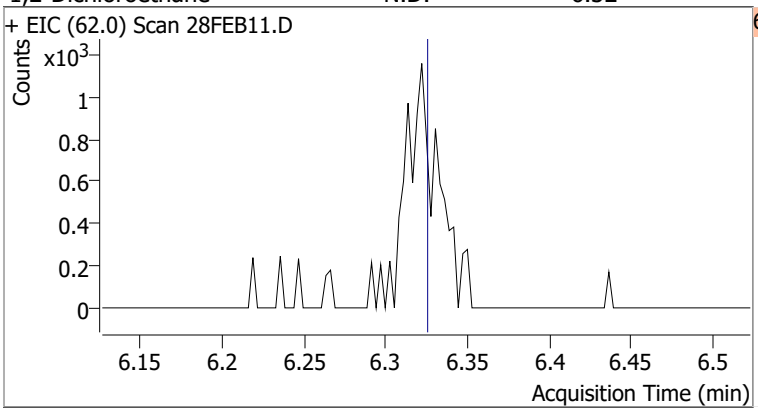


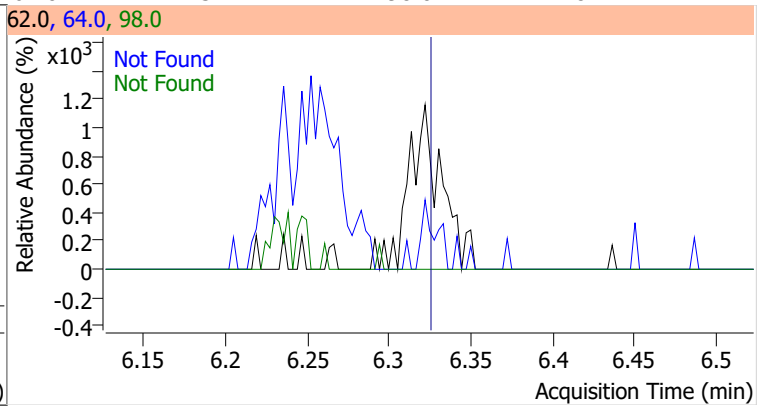
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



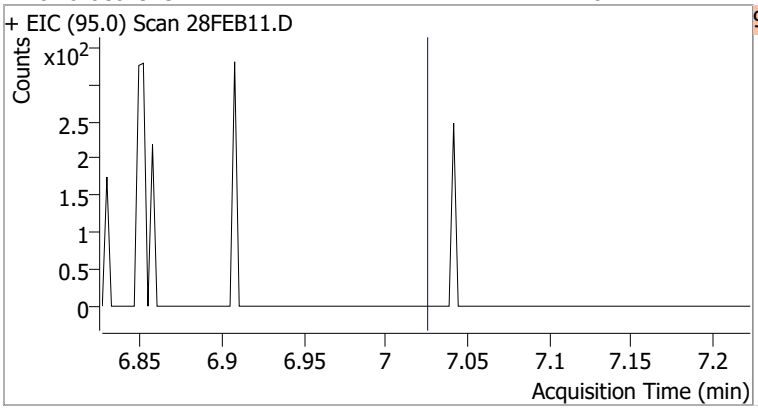


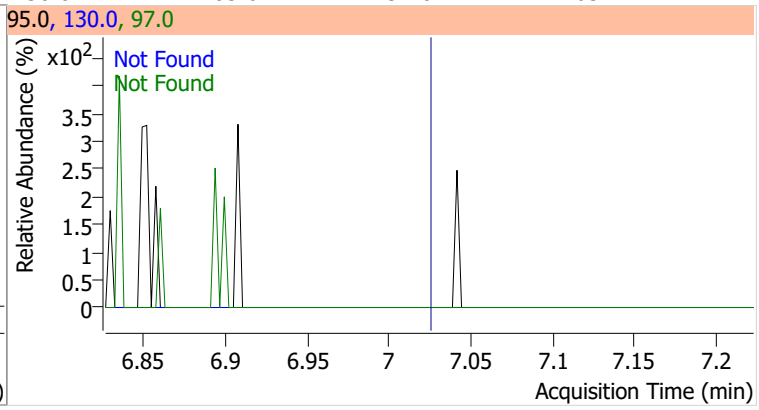
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



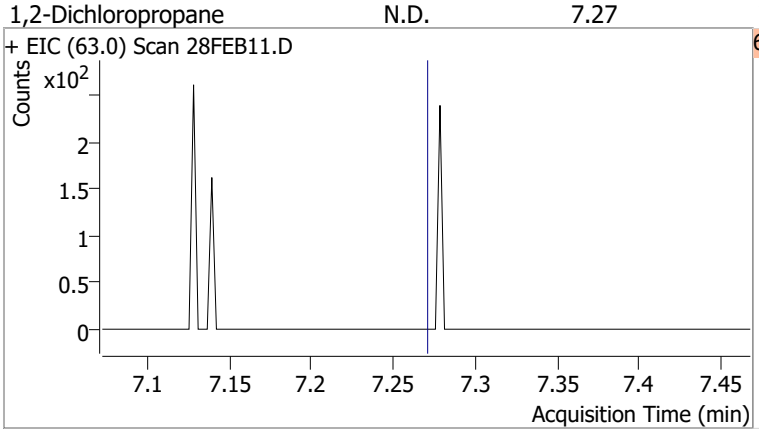


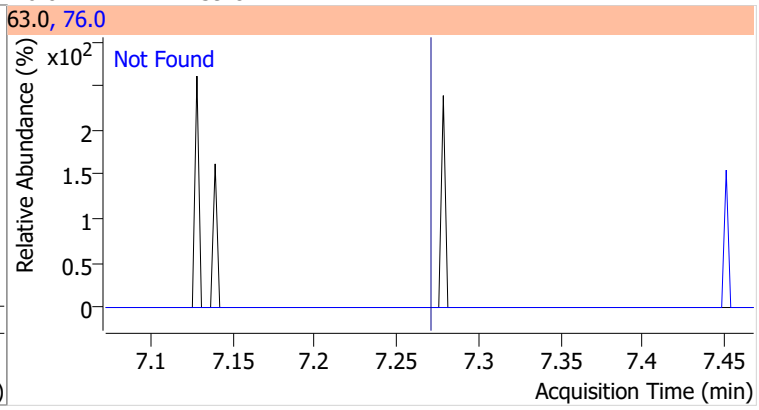
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



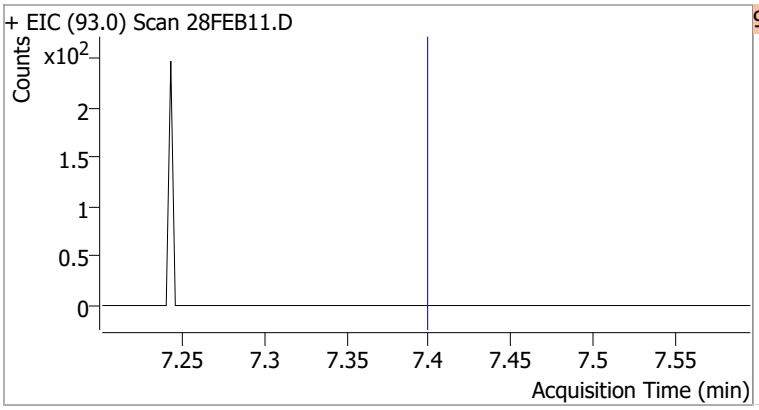


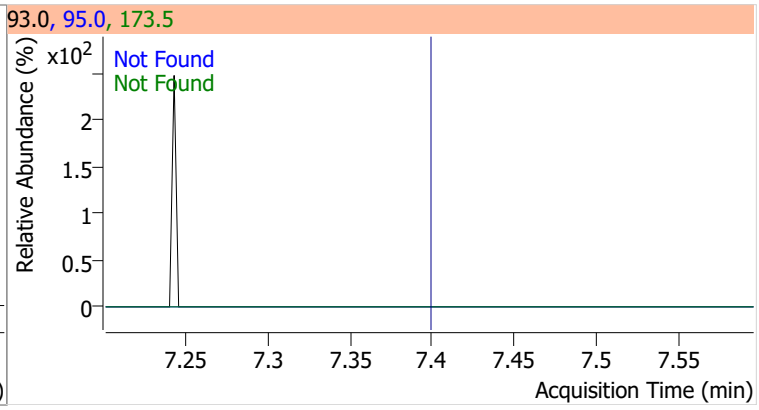
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



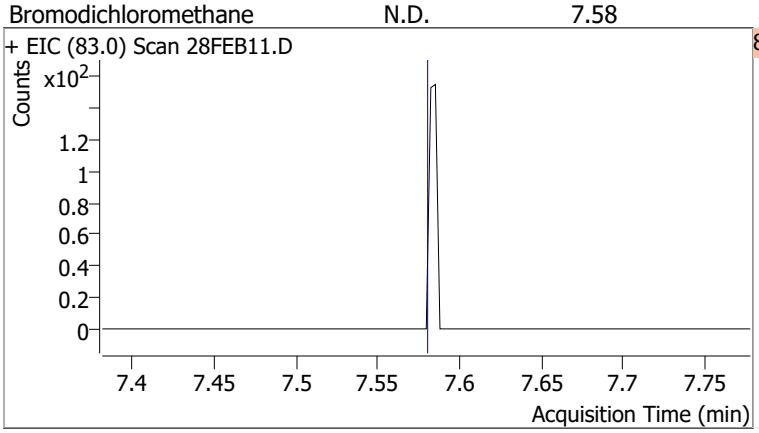


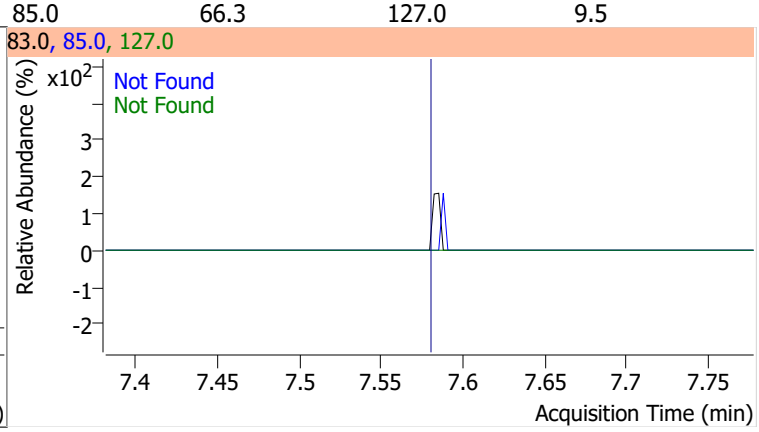
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



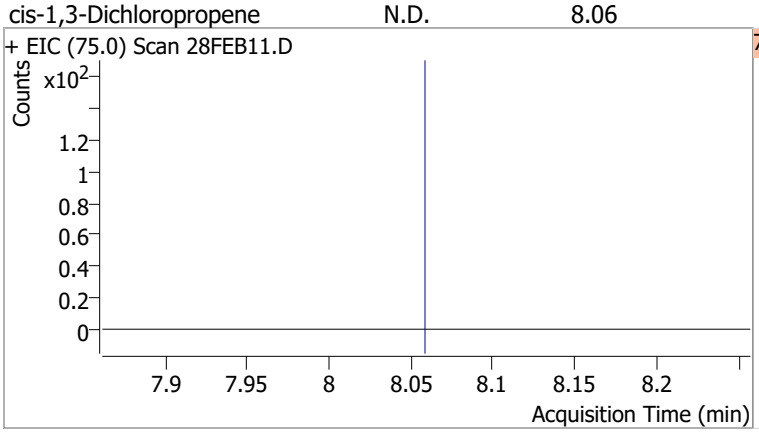


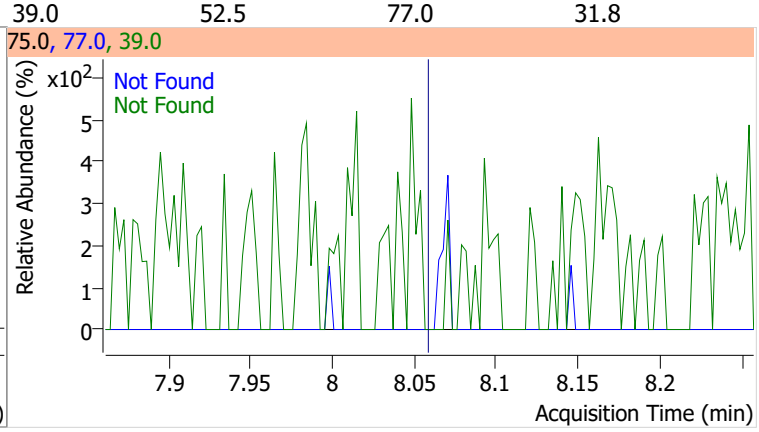
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



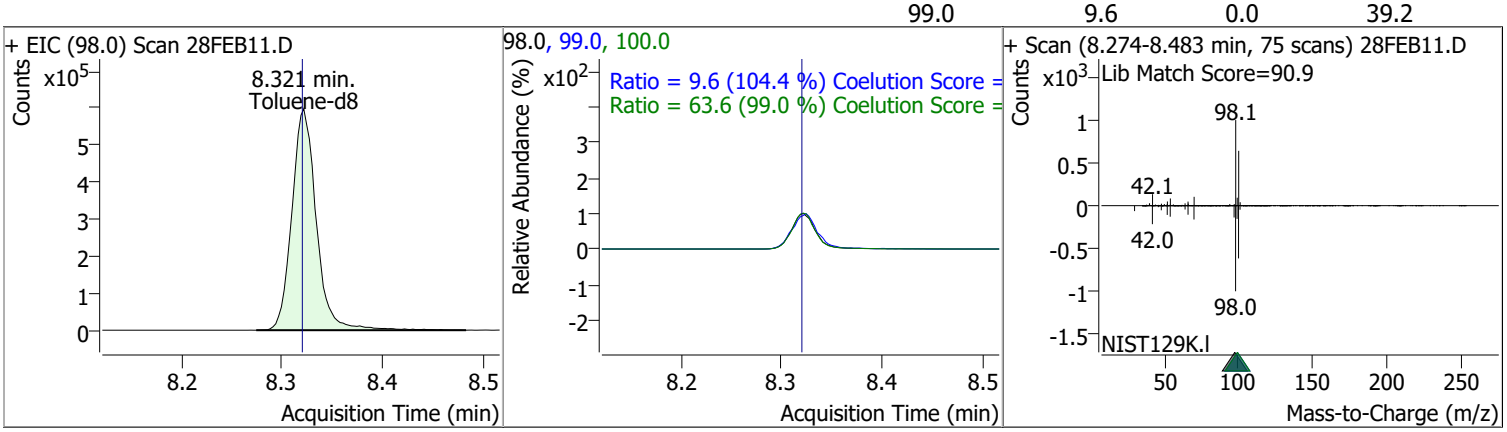


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

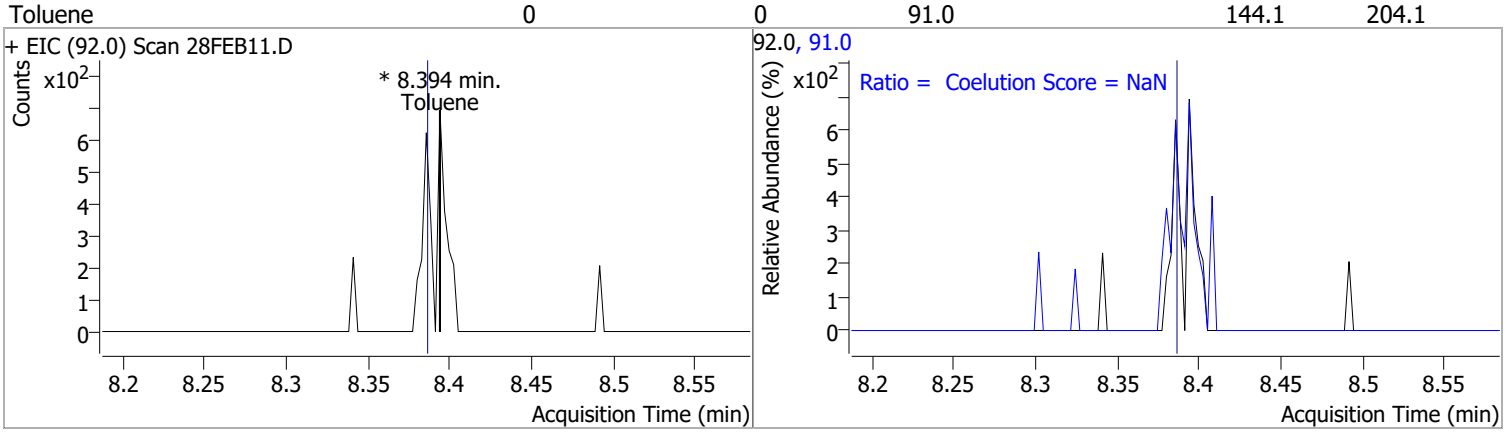




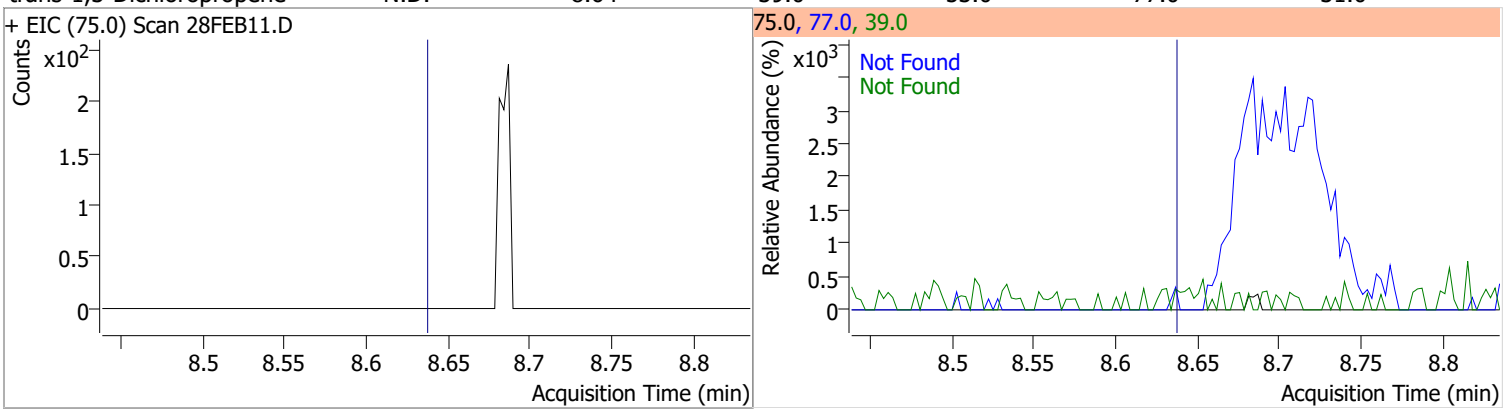
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.6363	8.32	0.00	1010933	100.0	63.6	34.3	94.3
					99.0	9.6	0.0	39.2



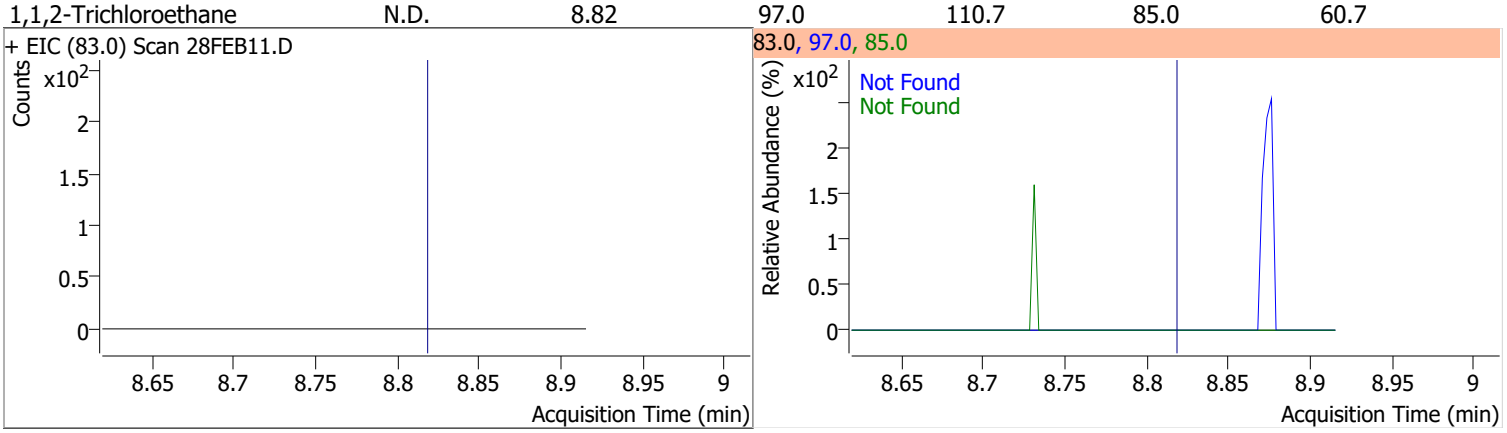
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



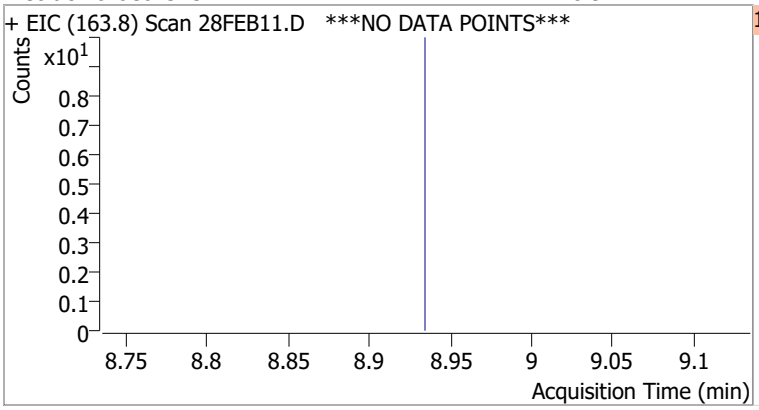
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0

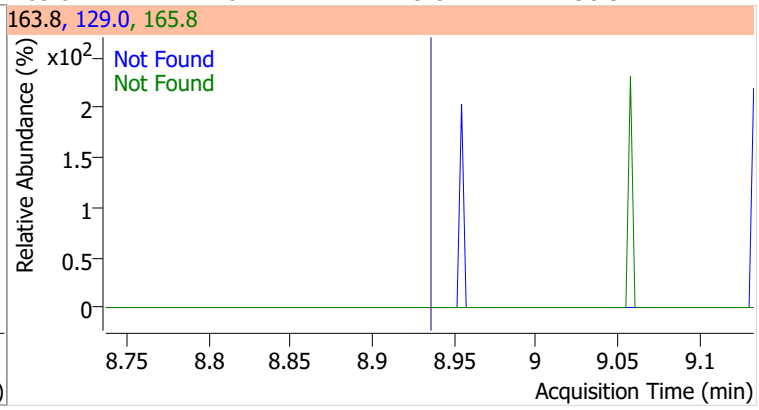


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7

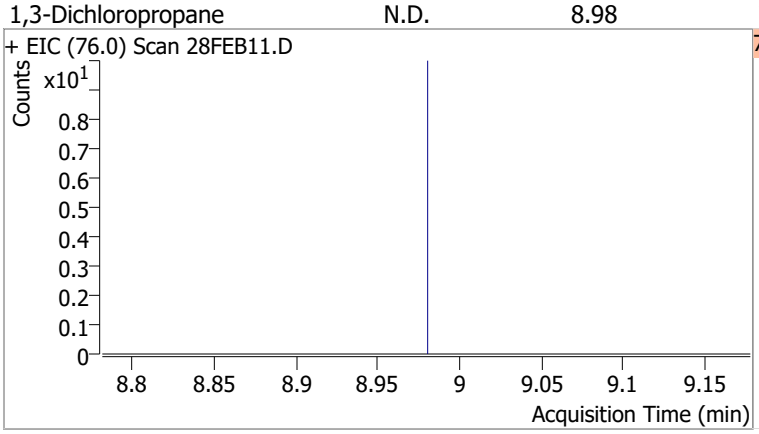


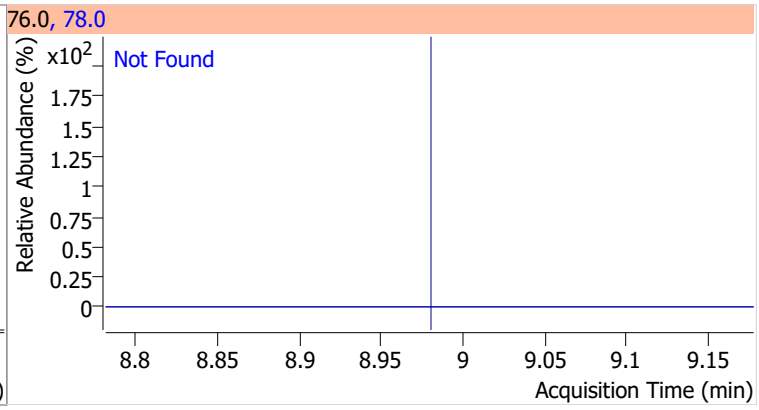
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



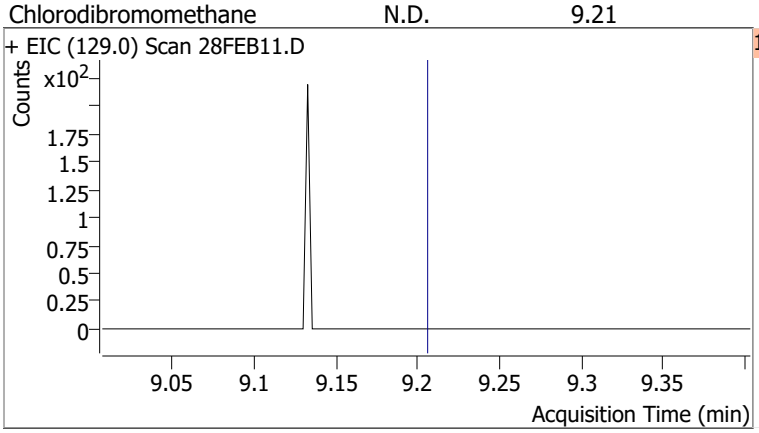


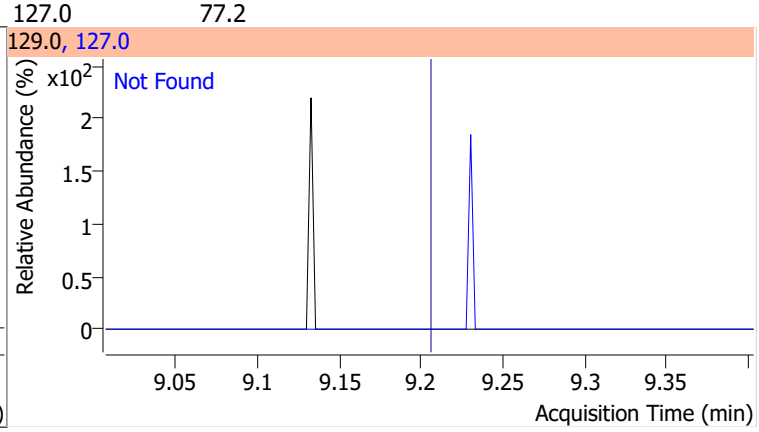
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



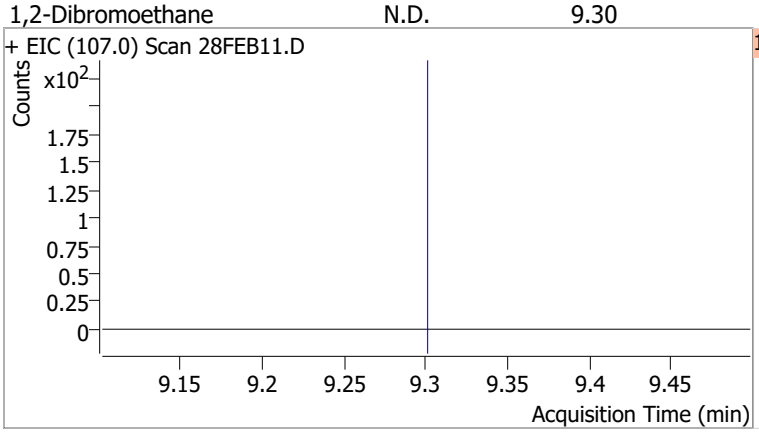


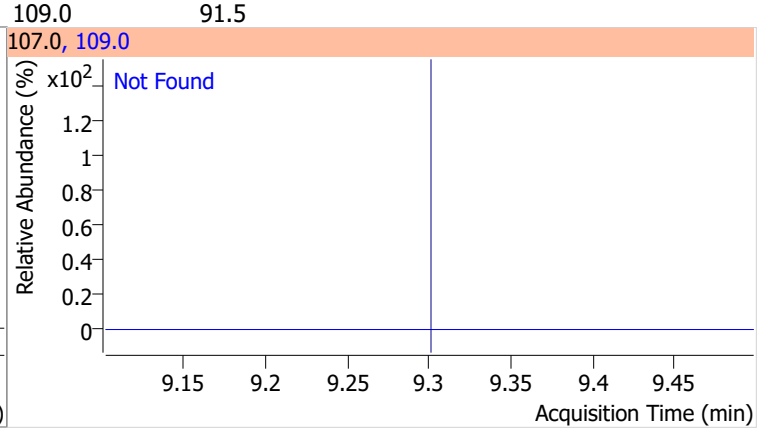
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



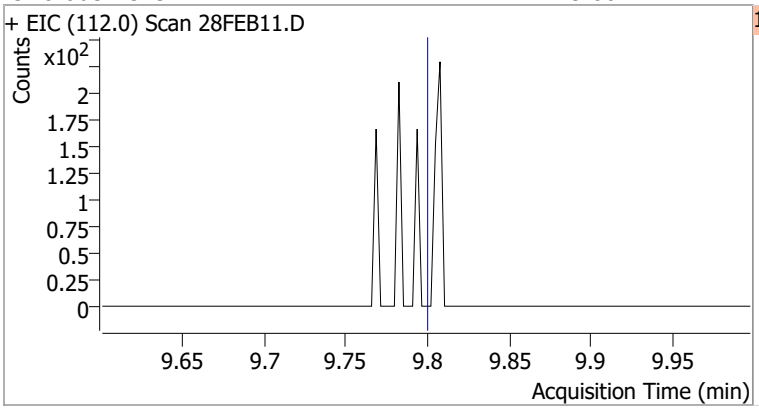


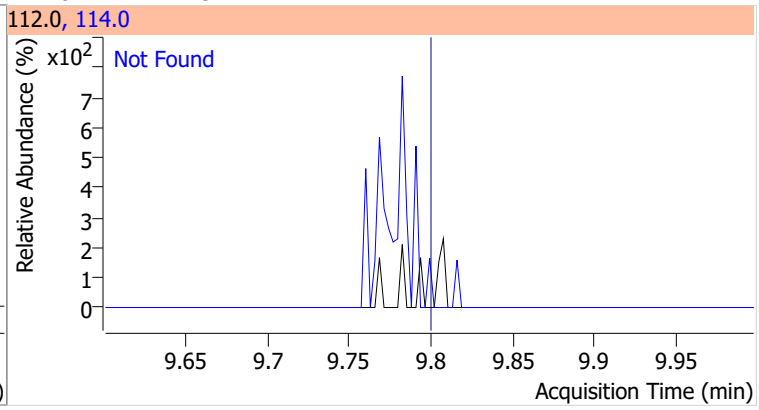
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



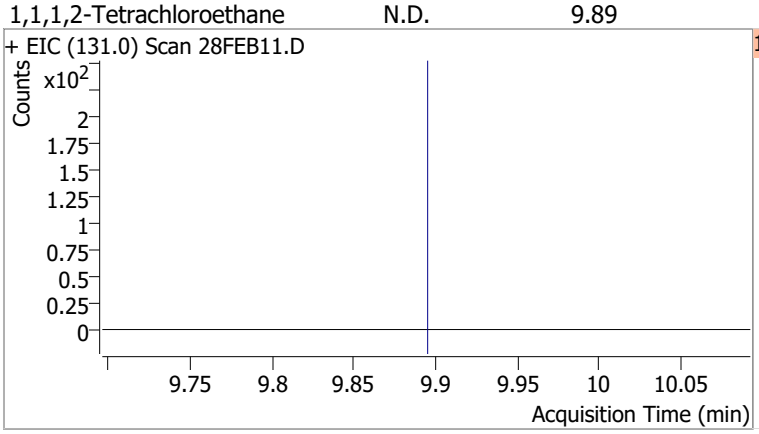


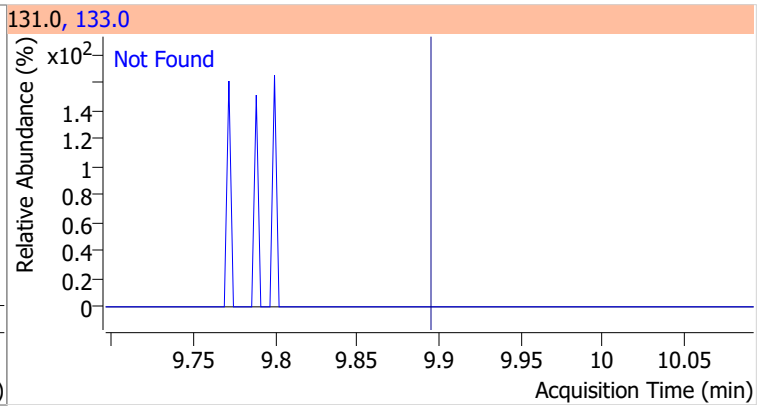
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



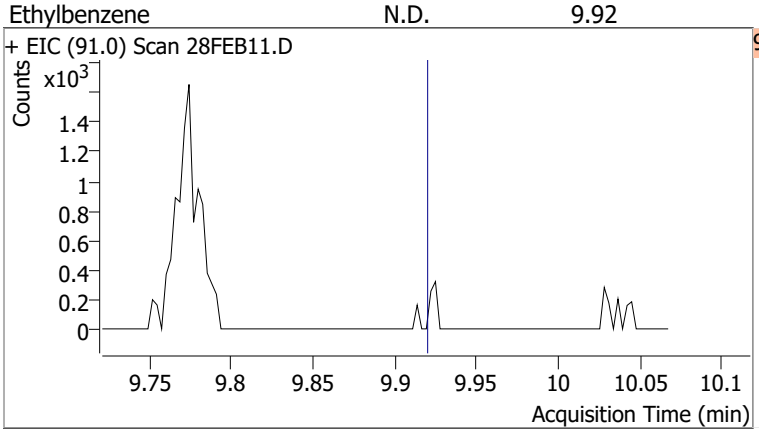


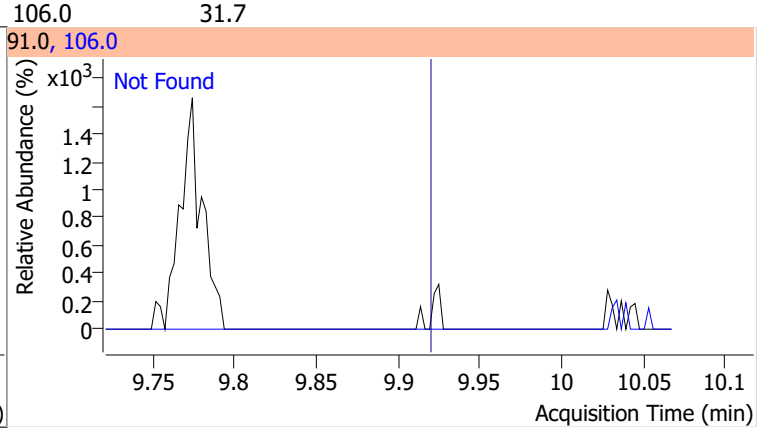
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



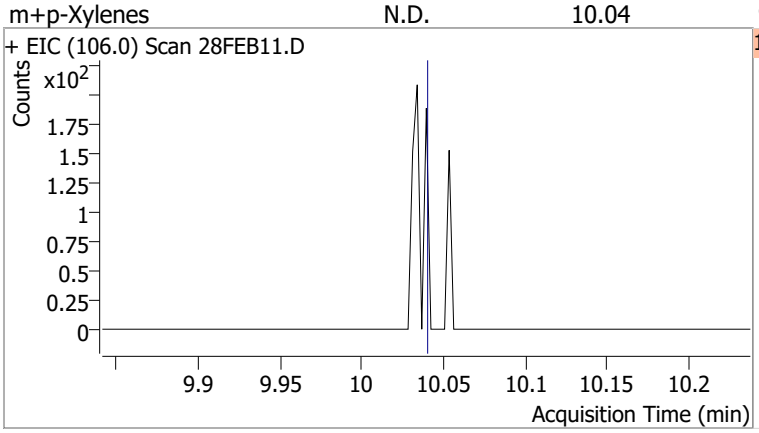


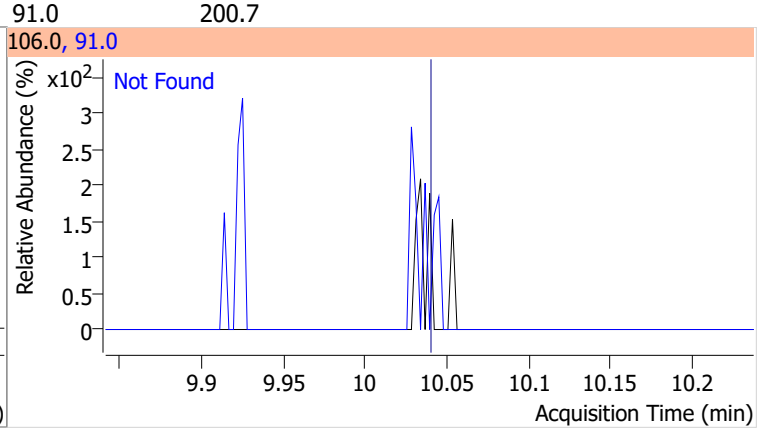
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



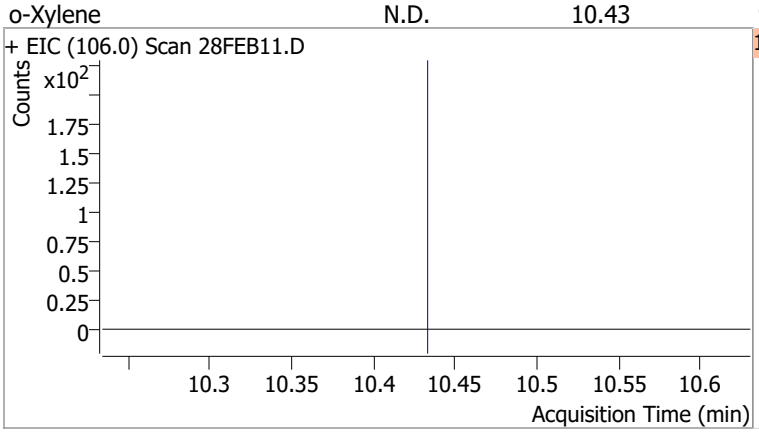


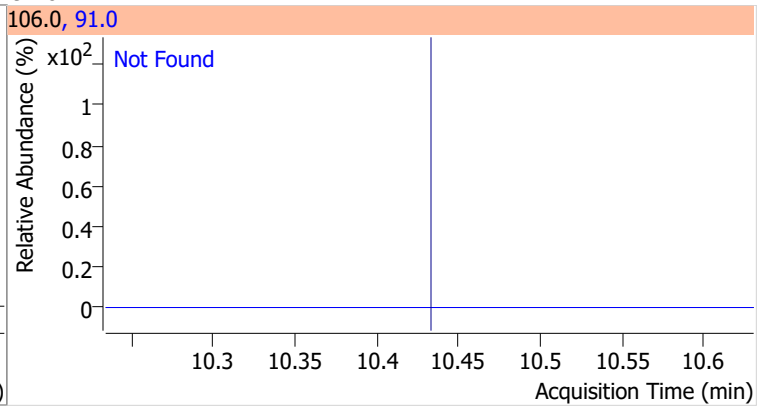
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



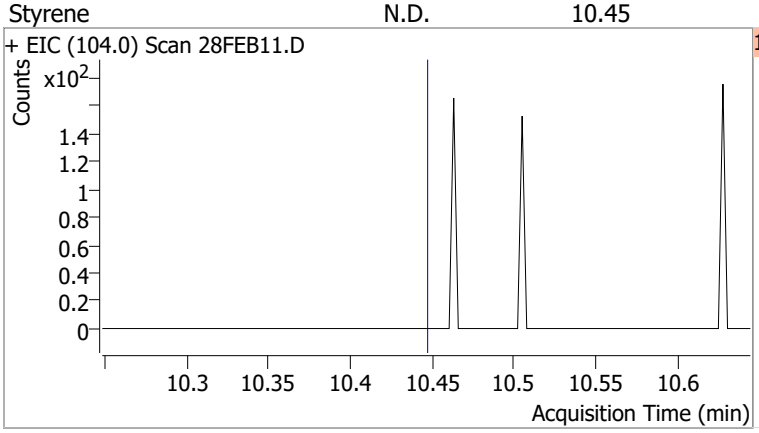


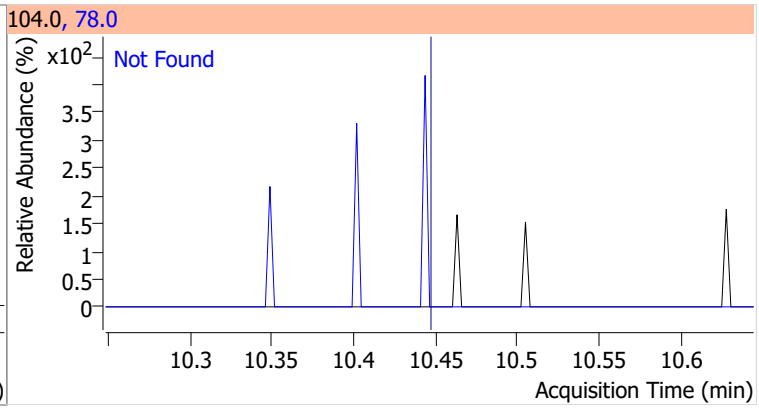
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



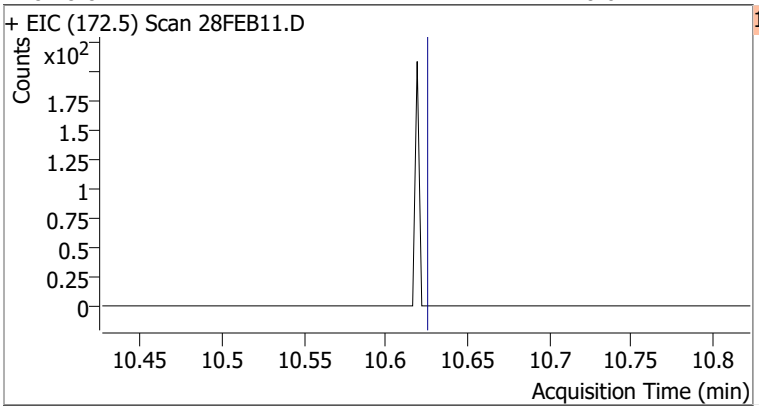


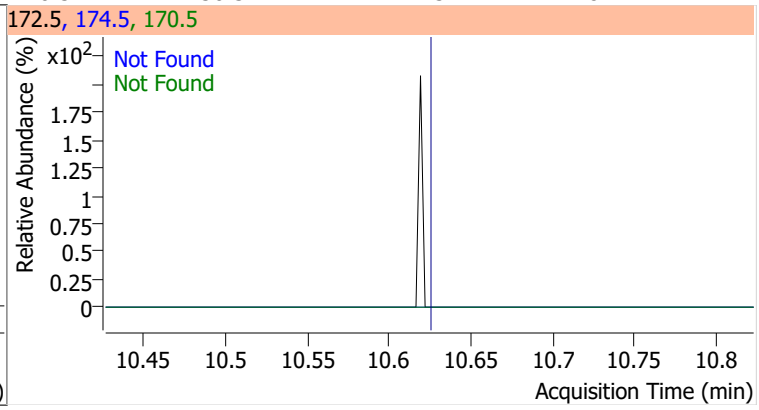
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



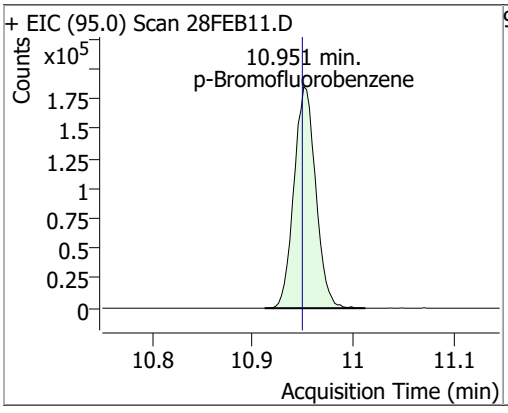


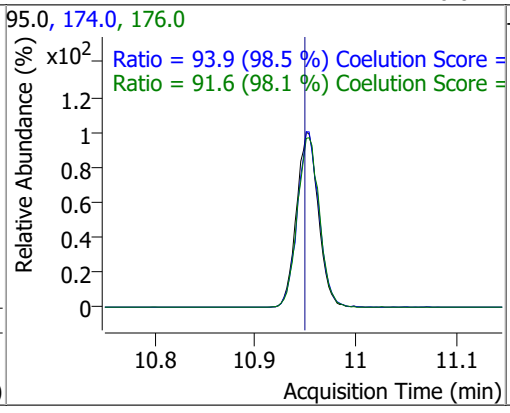
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

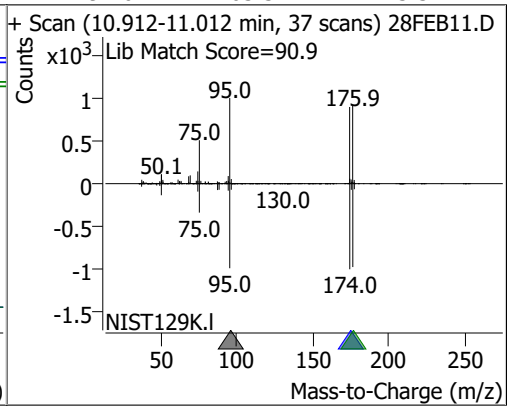




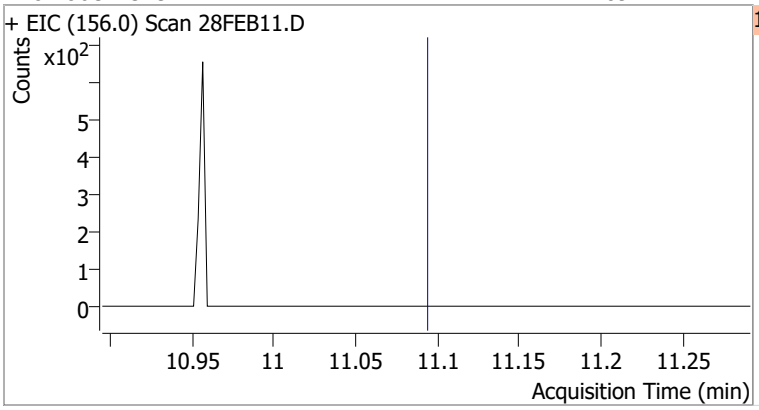
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.1292	10.95	0.00	279192	174.0	93.9	65.3	125.3
					176.0	91.6	63.3	123.3

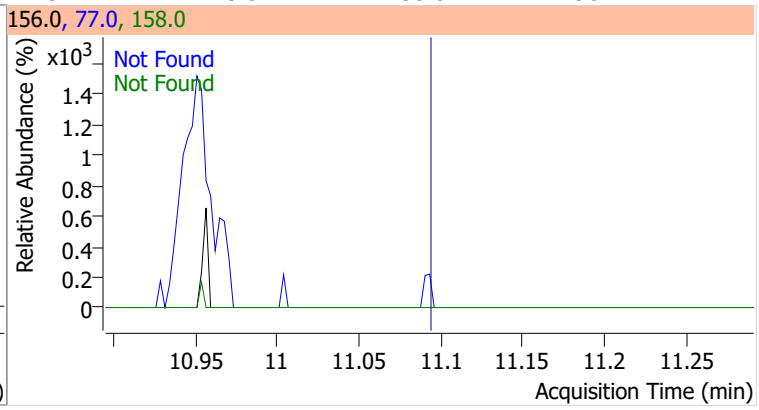




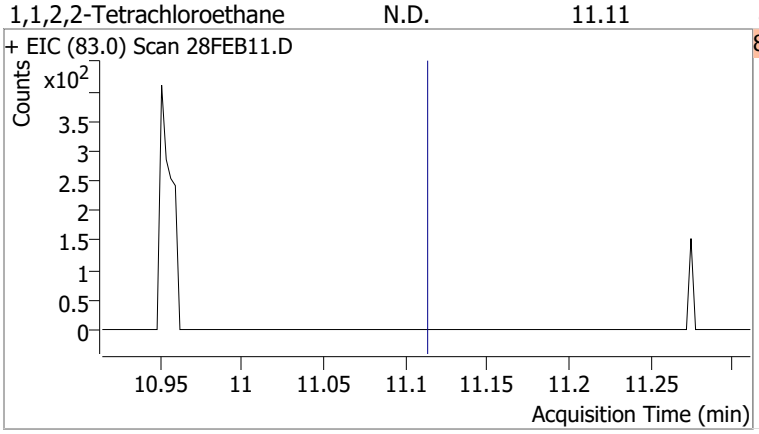


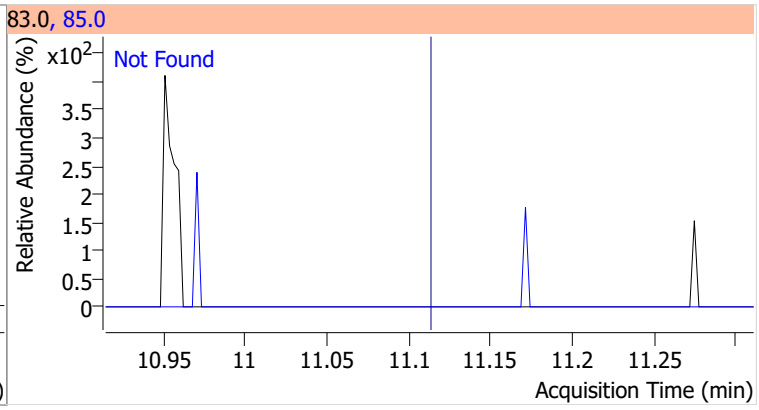
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



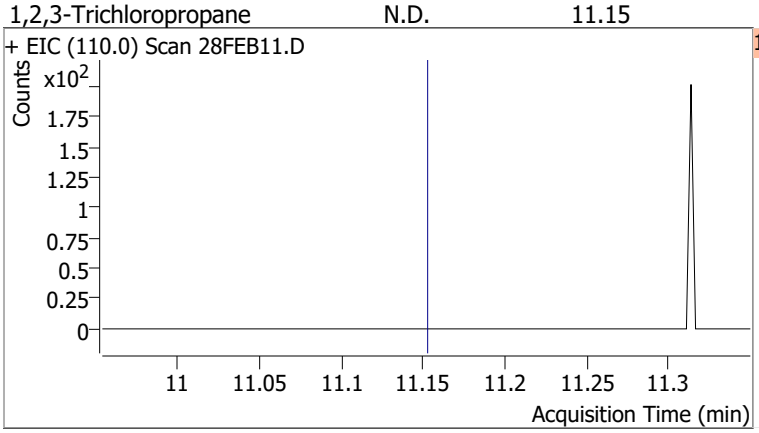


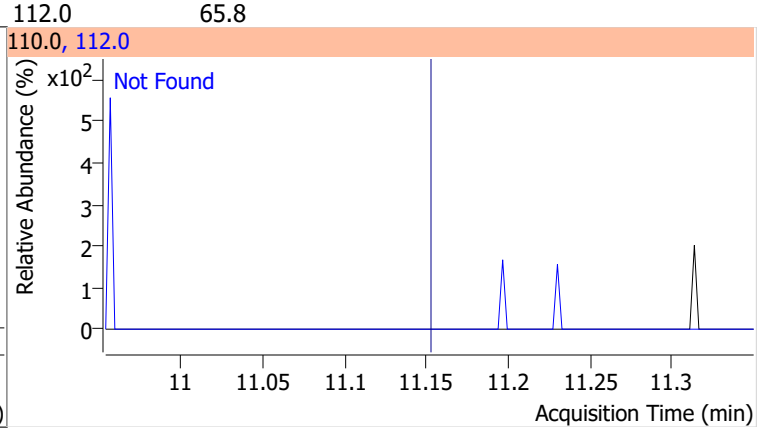
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



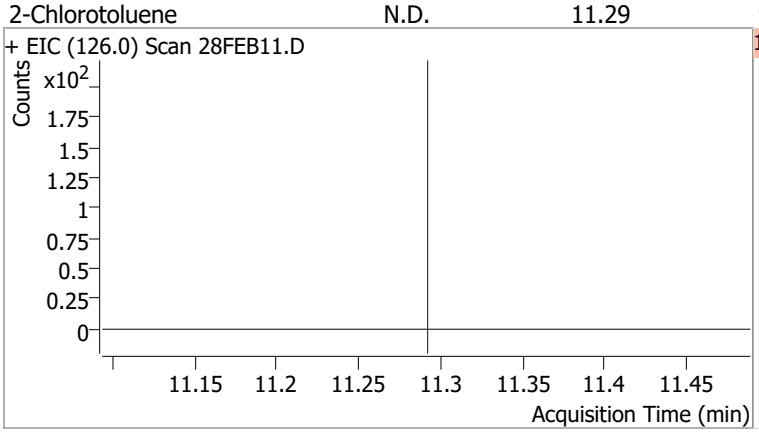


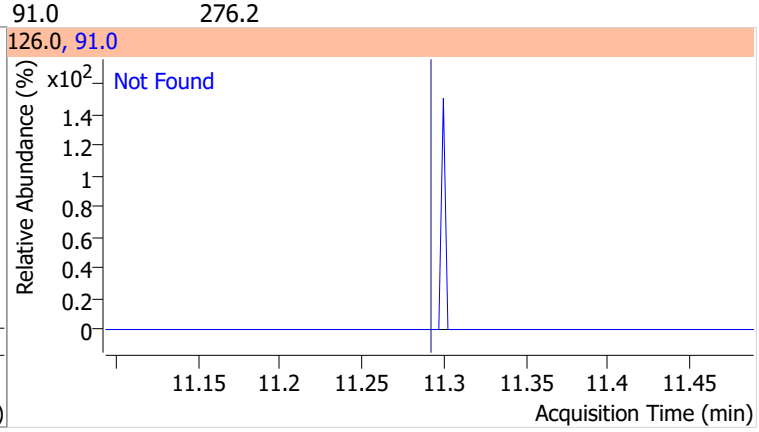
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



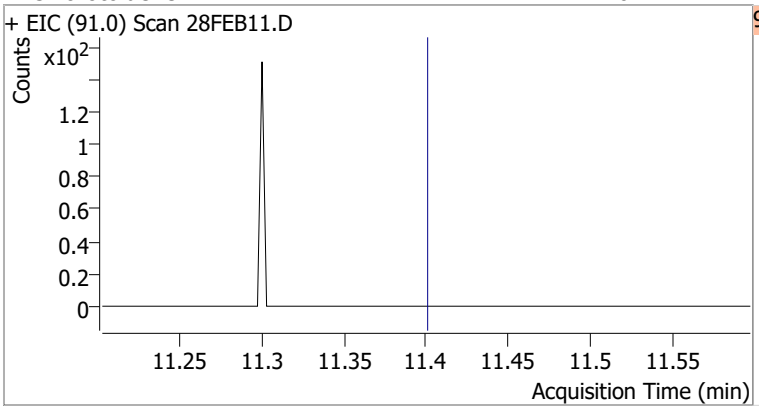


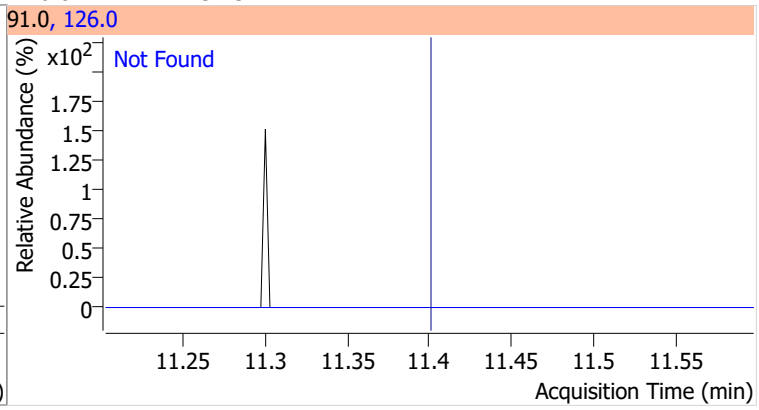
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



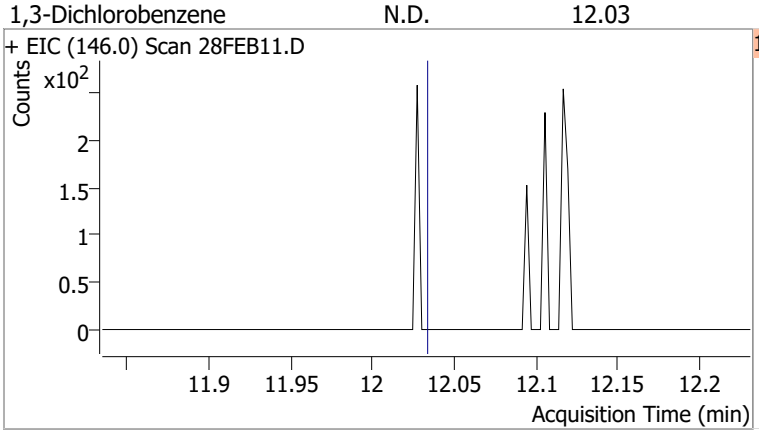


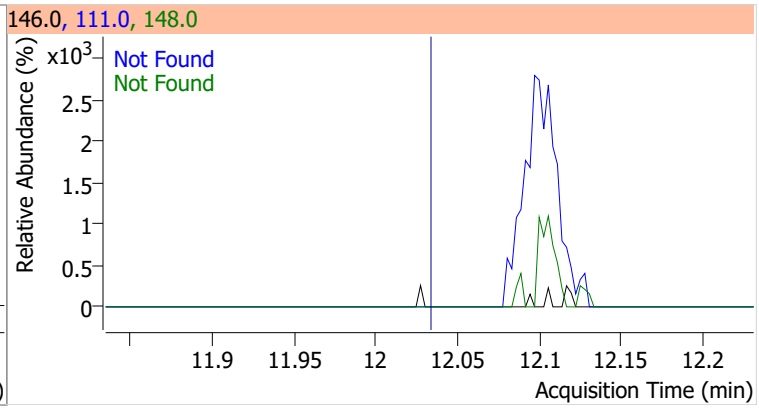
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



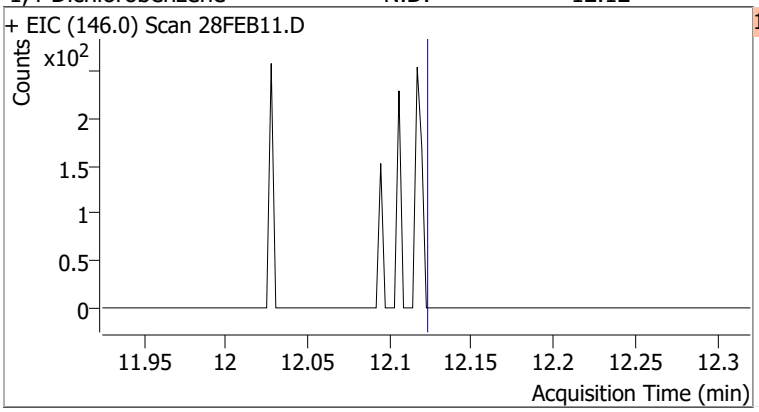


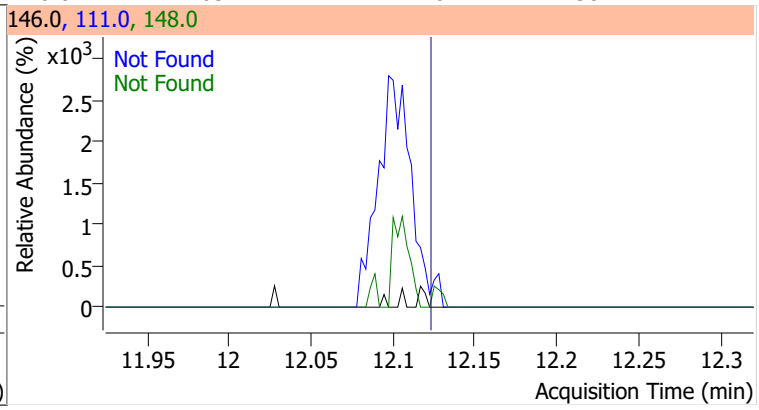
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



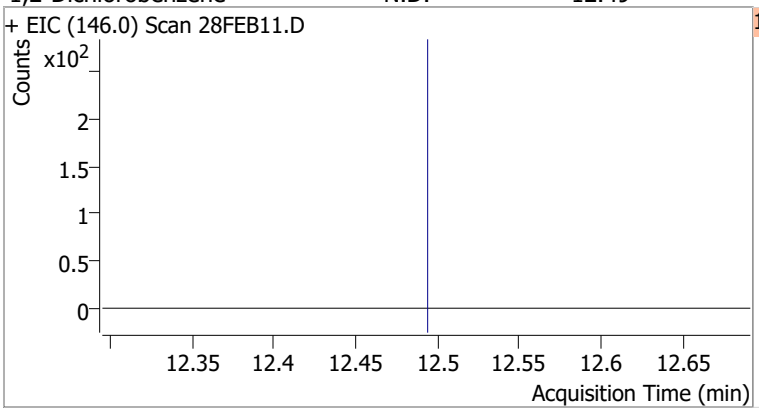


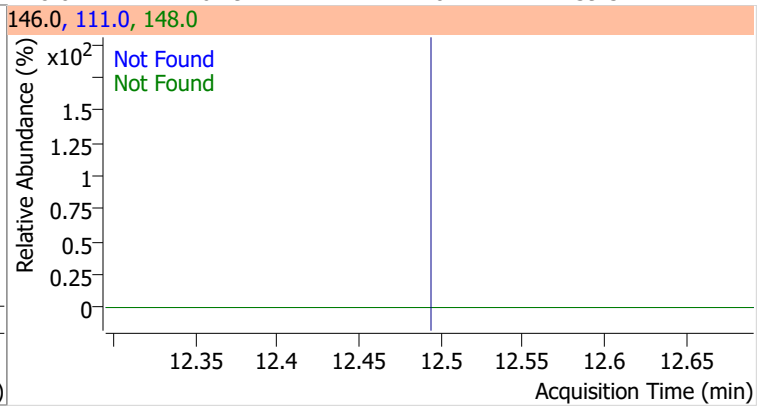
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





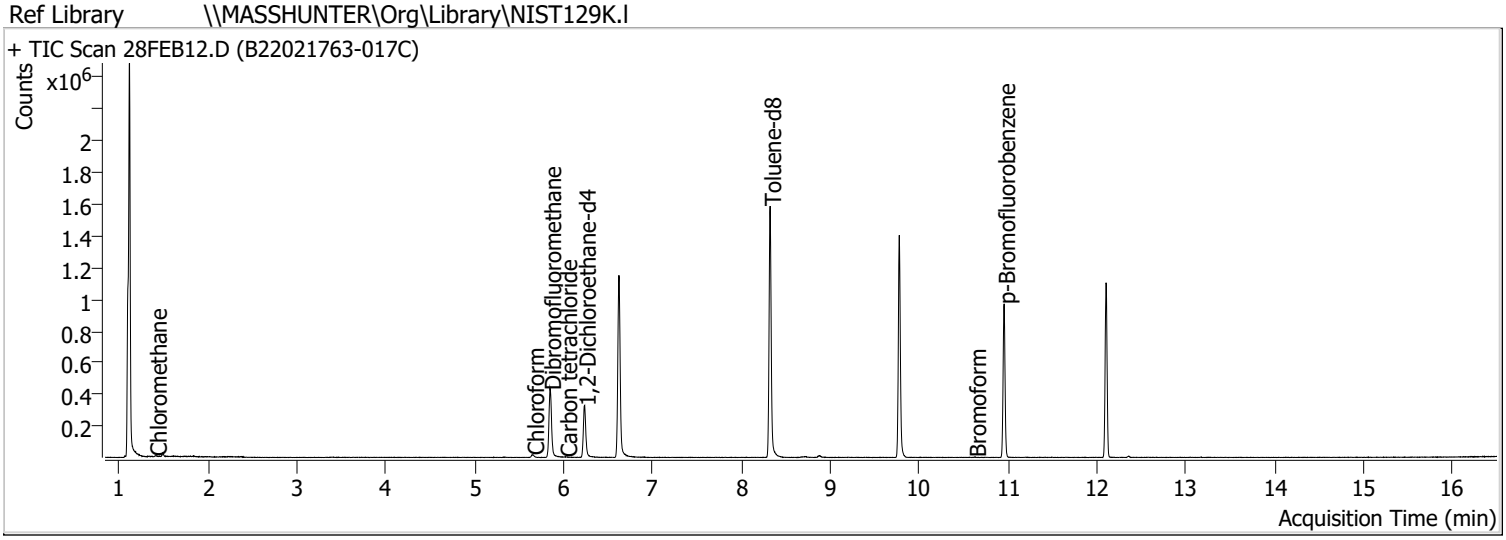
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB12.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 3:24:35 PM
Sample Name	B22021763-017C	Instrument	VOA5975C
Vial	12	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

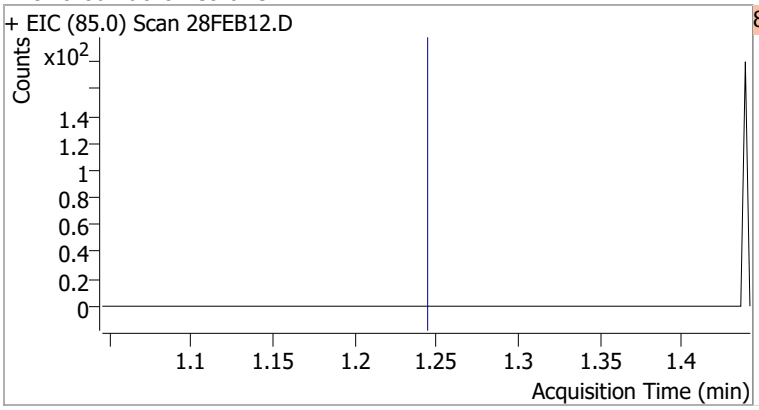


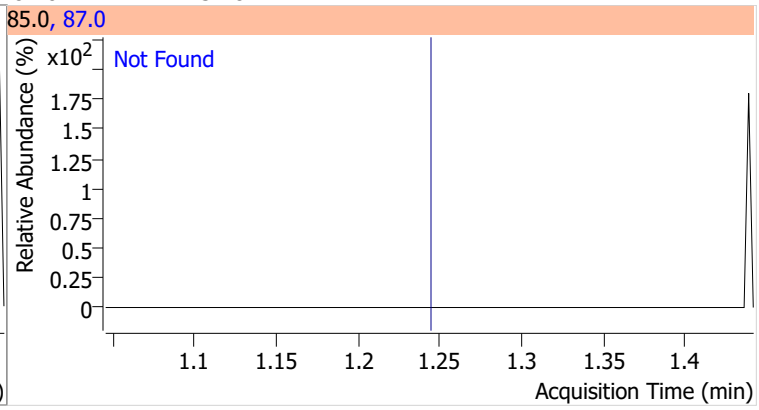
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	992292	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	381671	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	268850	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	263784	274.4558	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.78%			
S 1,2-Dichloroethane-d4	6.235	67.0	121579	292.8366	ng		0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 117.13%			
S Toluene-d8	8.321	98.0	994658	267.1250	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.85%			
S p-Bromofluorobenzene	10.954	95.0	275325	277.3617	ng		0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 110.94%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.411	50.0	6007	3.8240	ng		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	3.338	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	5.655	83.0	14954	7.7646	ng		88

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	6.026	117.0	921	0.5341	ng	m	92
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	9.197	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	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	10.628	172.5	926	2.5691	ng	m	76
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.			

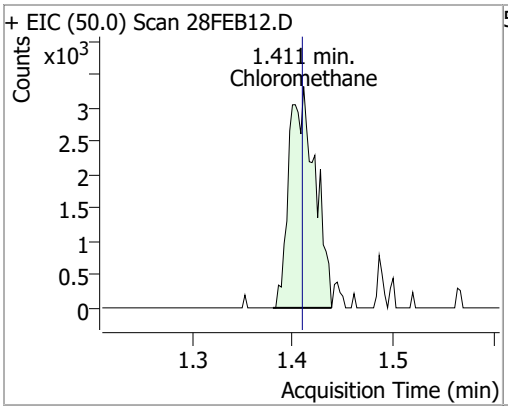
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

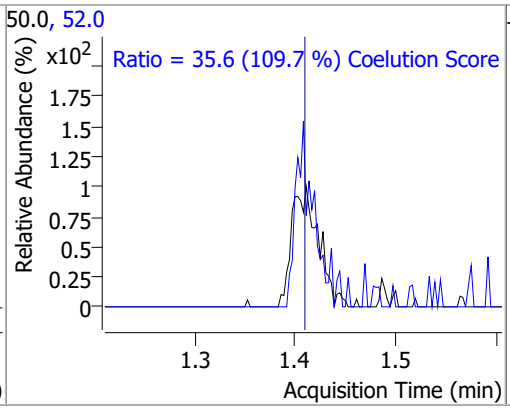
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

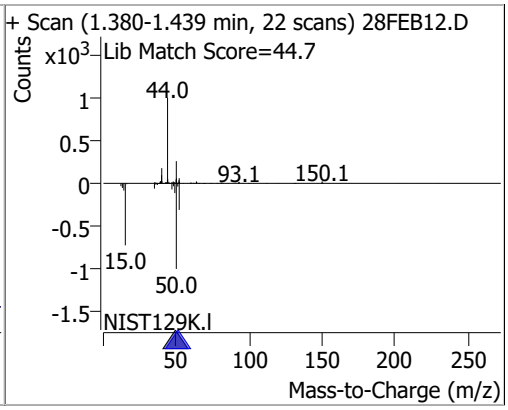




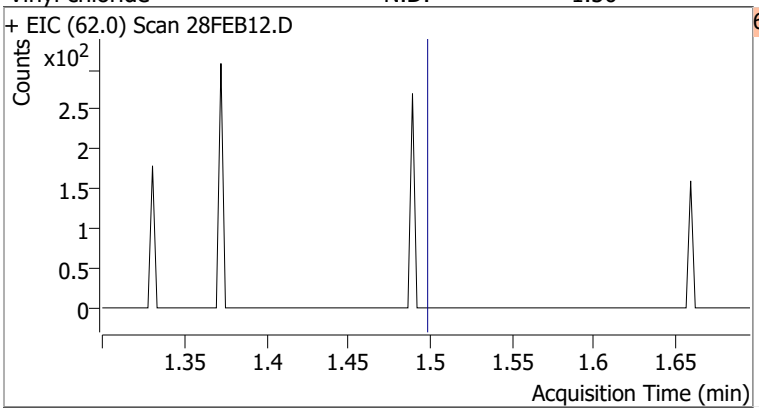
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	3.8240	1.41	0.00	6007	52.0	35.6	2.4	62.4

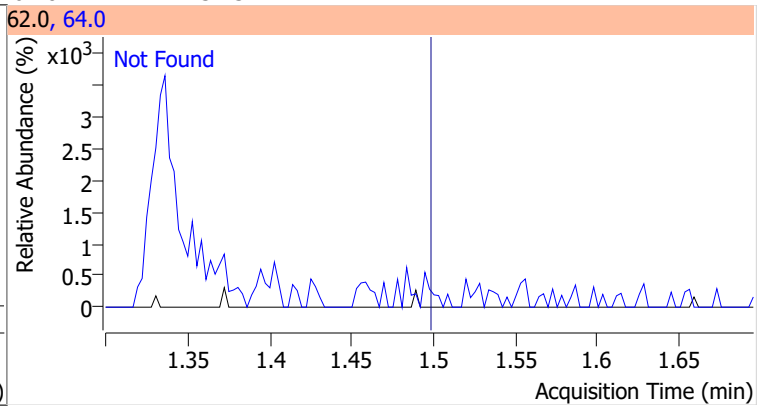




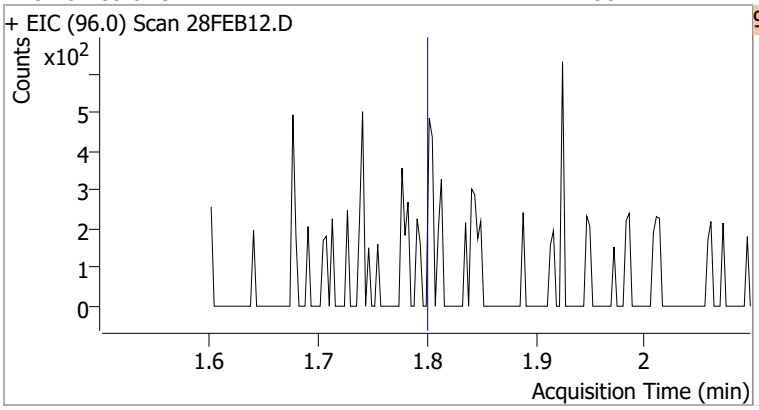


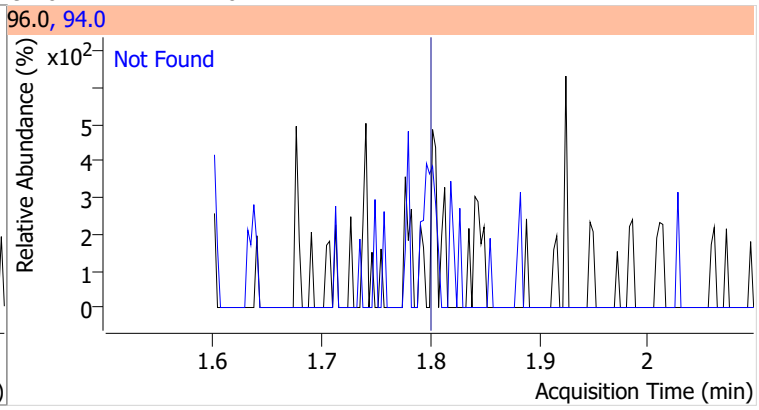
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



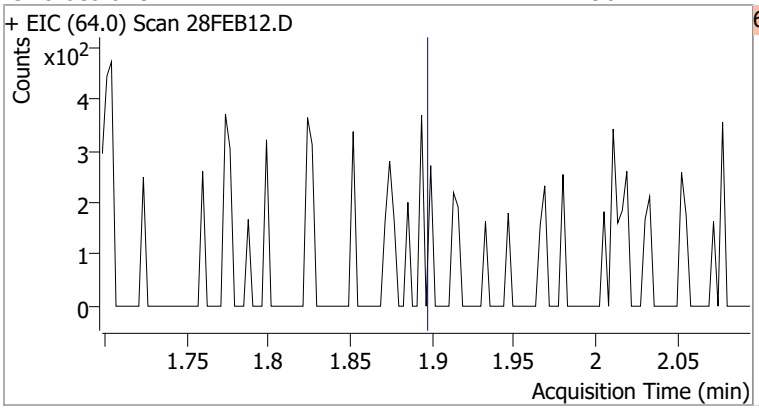


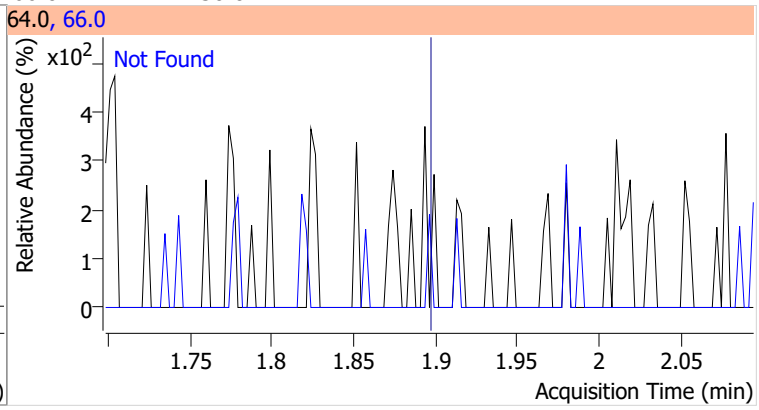
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



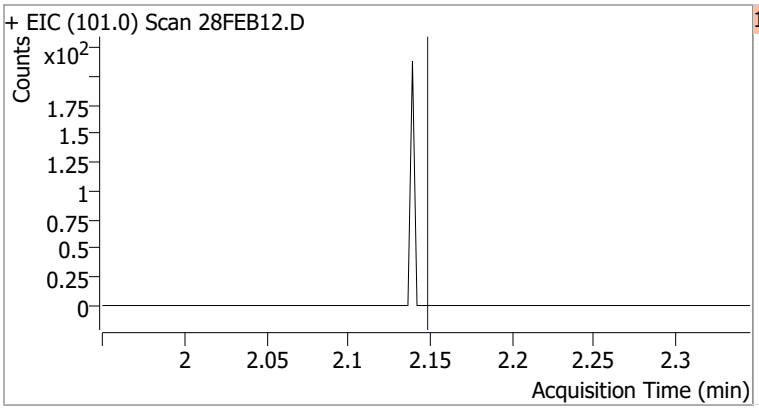


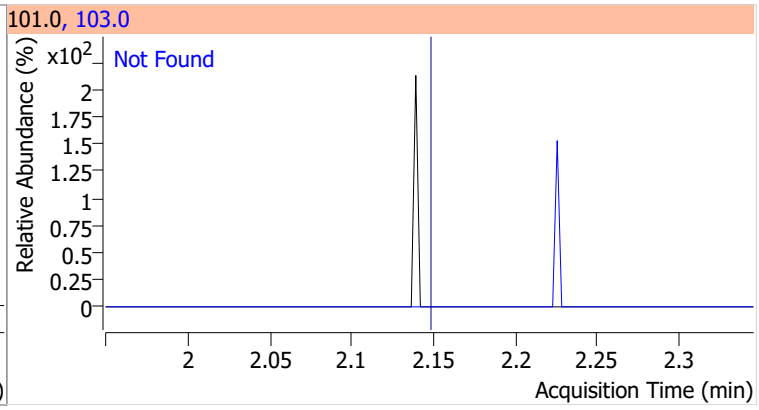
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



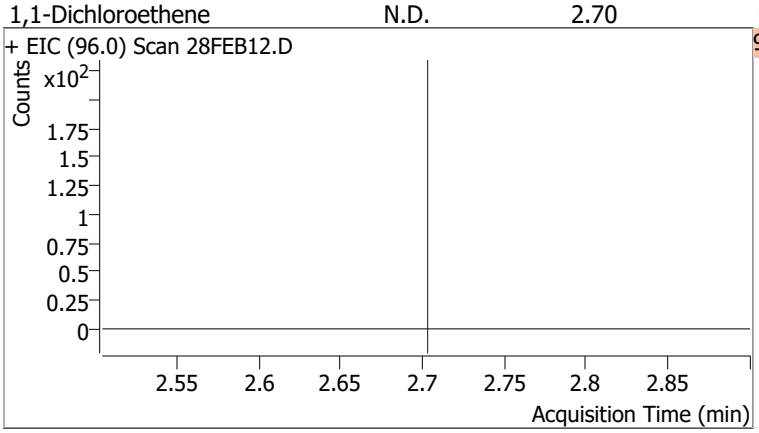


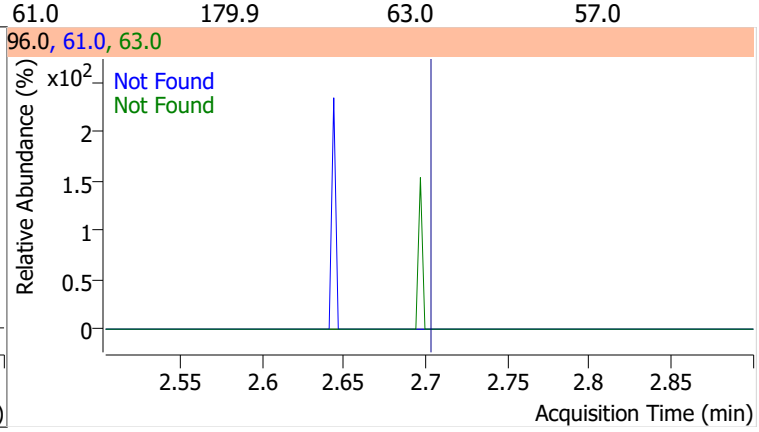
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



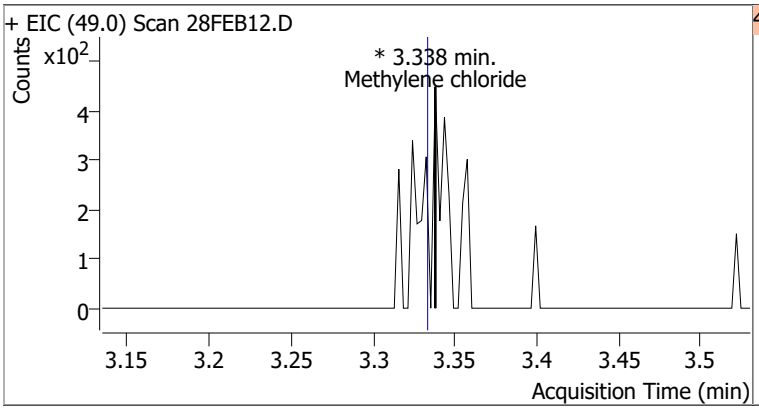


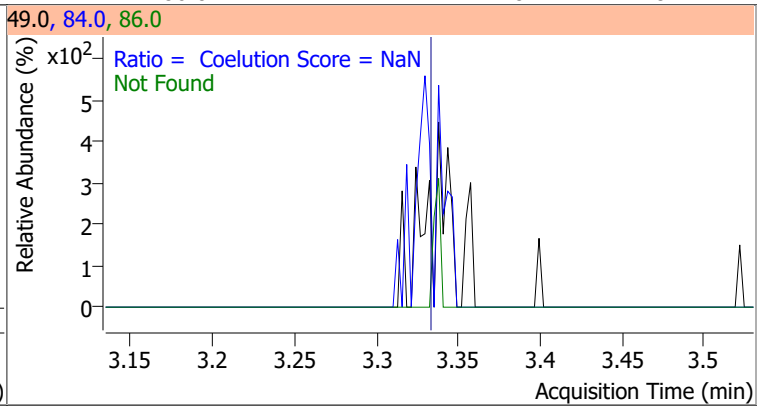
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0



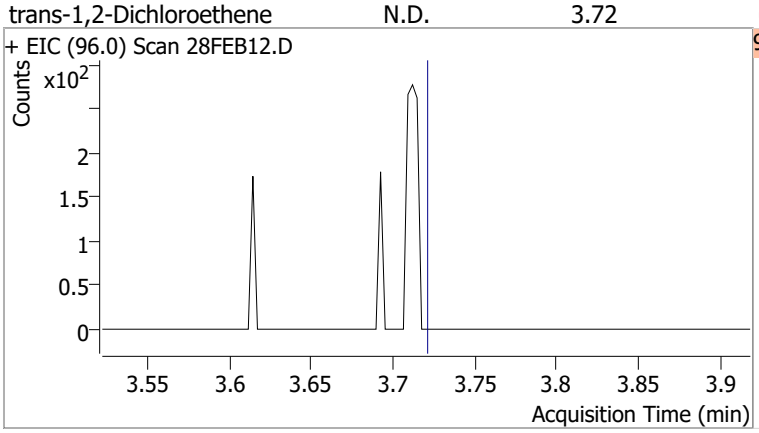


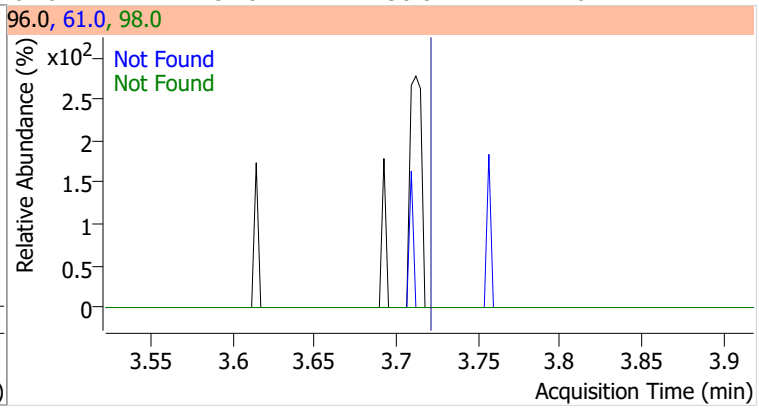
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride		0		0	84.0		36.1	96.1
					86.0		11.8	71.8



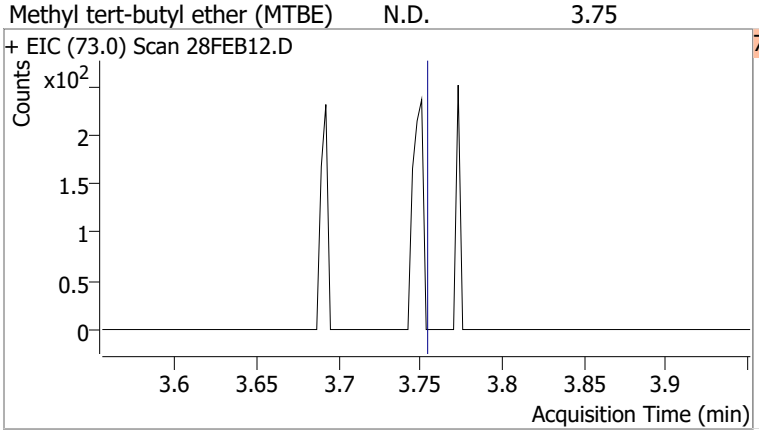


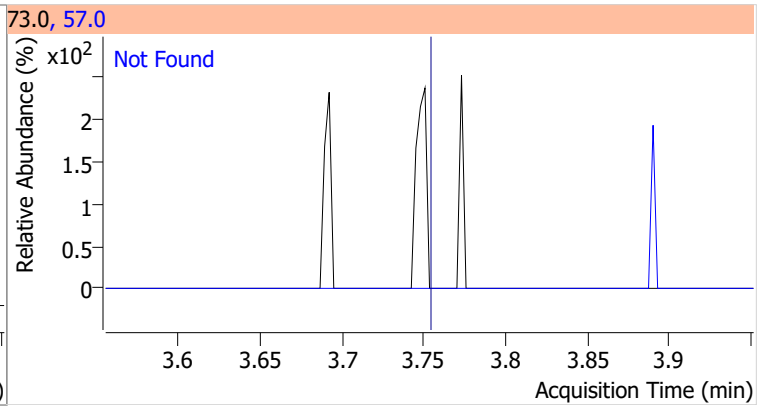
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



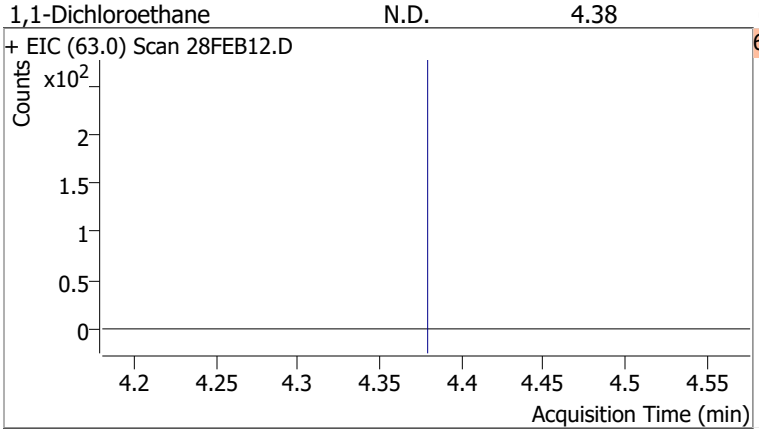


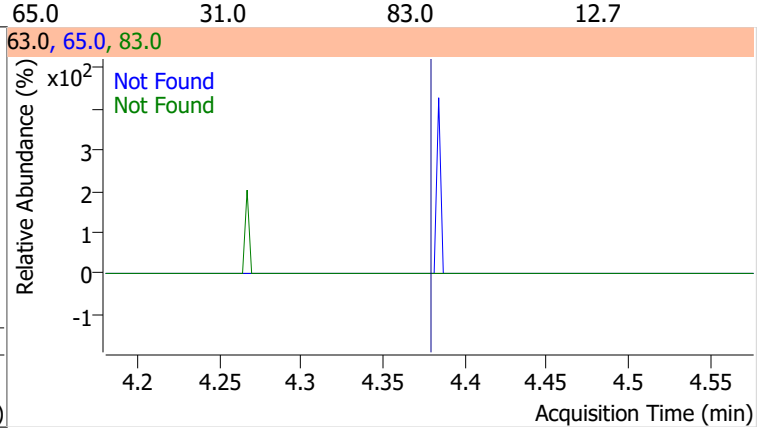
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



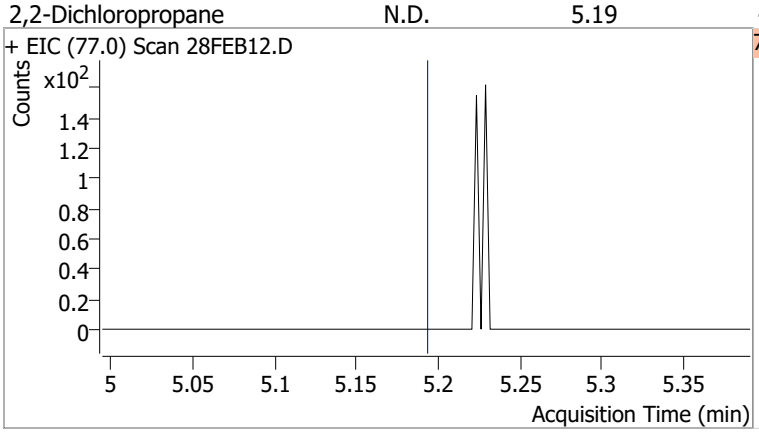


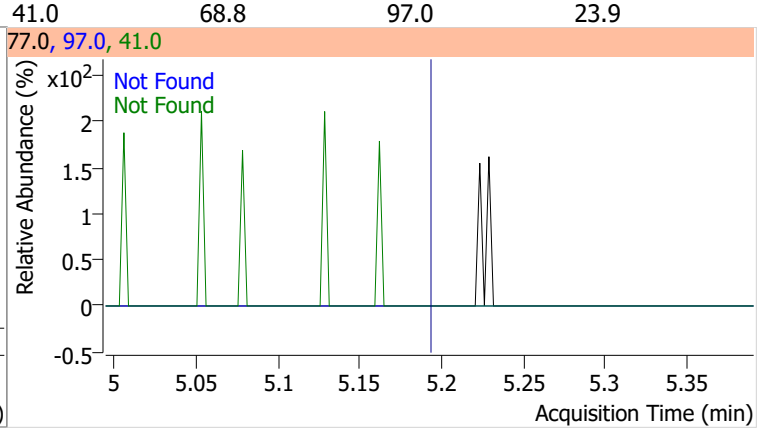
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



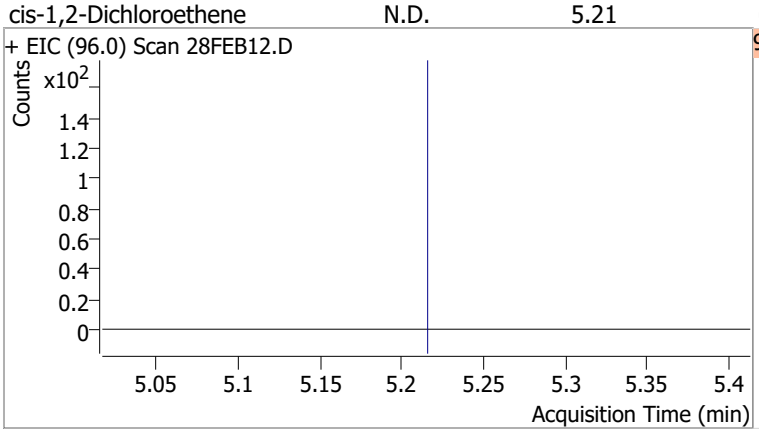


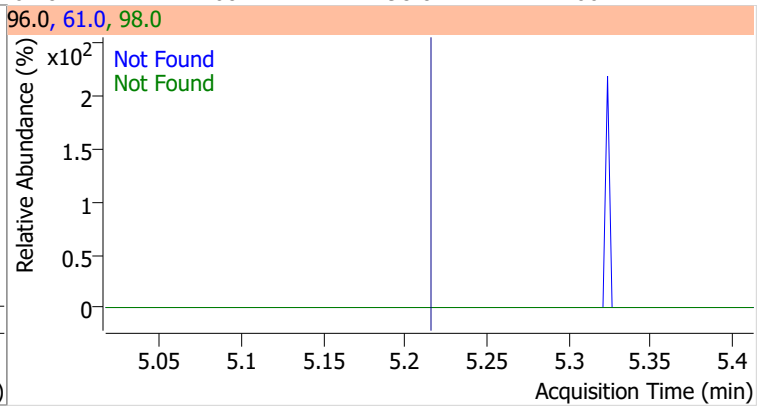
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



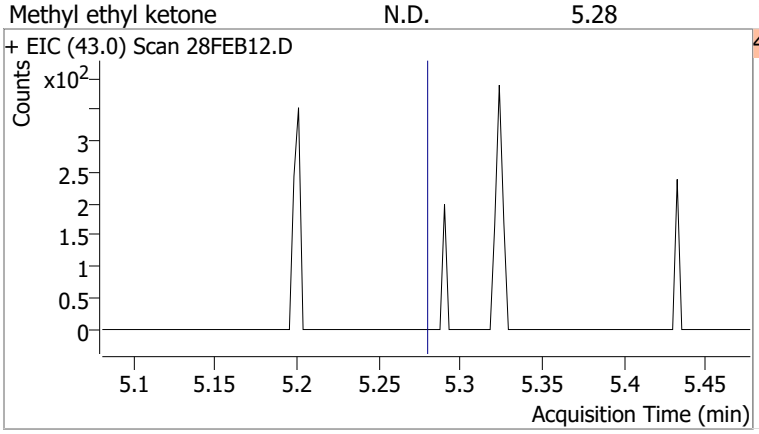


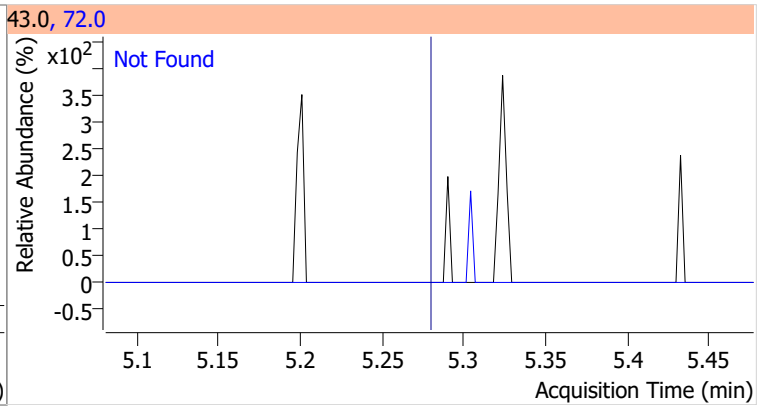
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



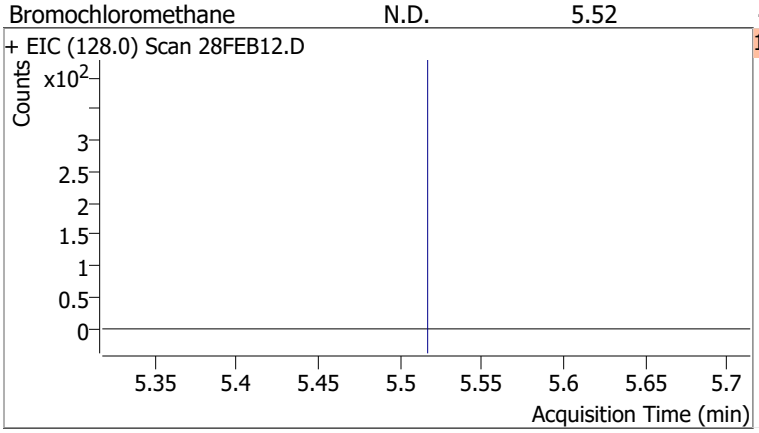


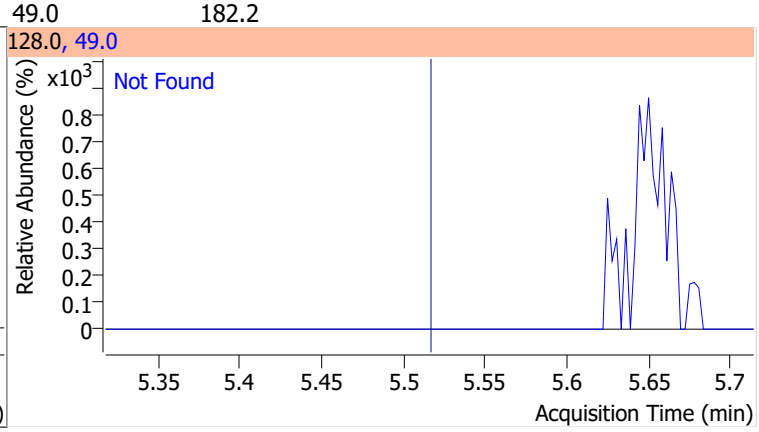
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



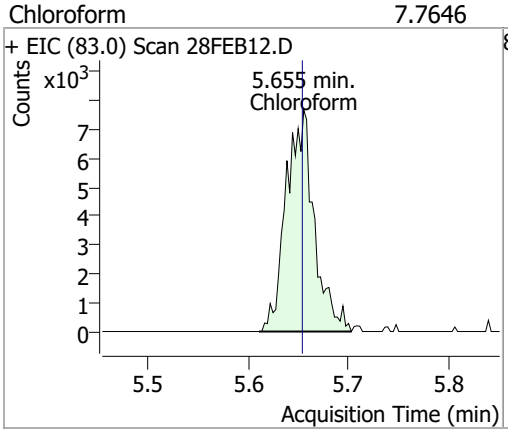


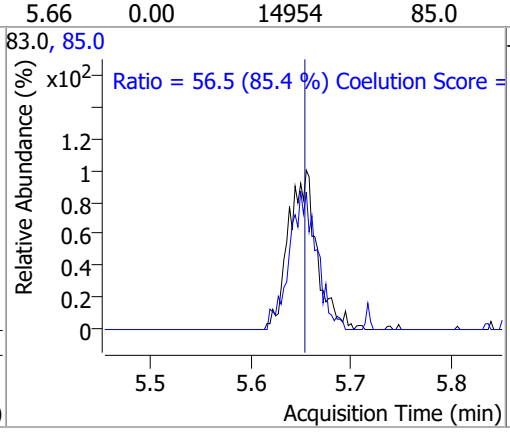
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

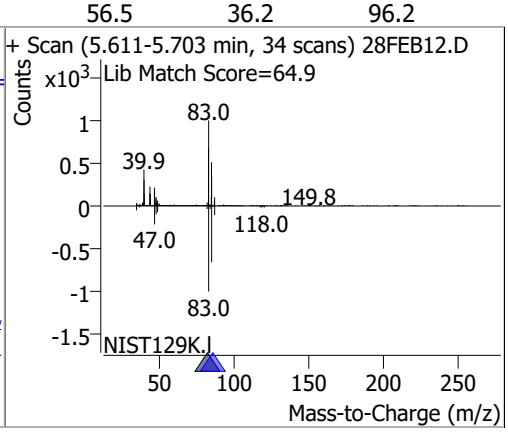




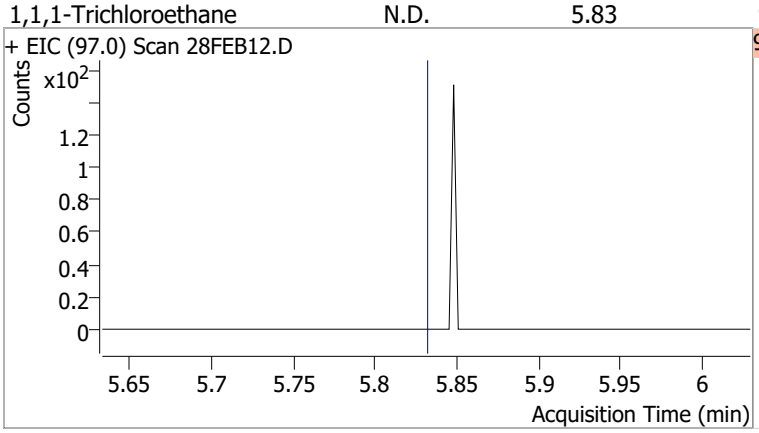
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	7.7646	5.66	0.00	14954	85.0	56.5	36.2	96.2

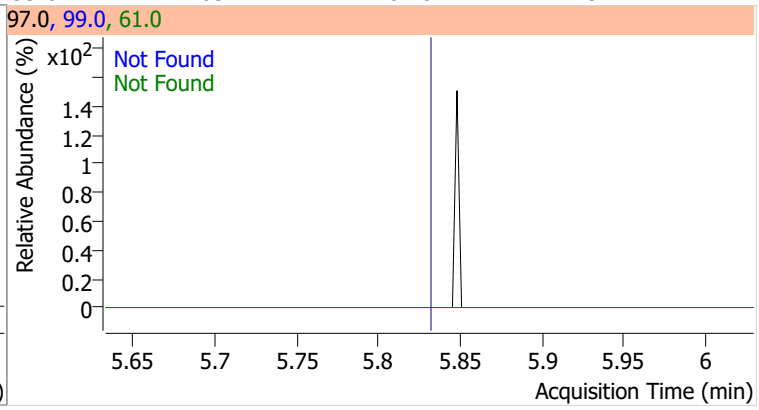




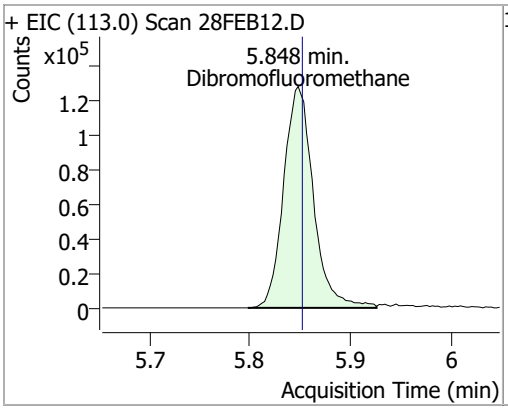


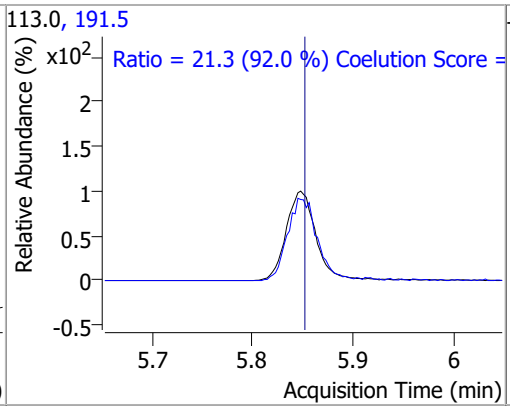
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

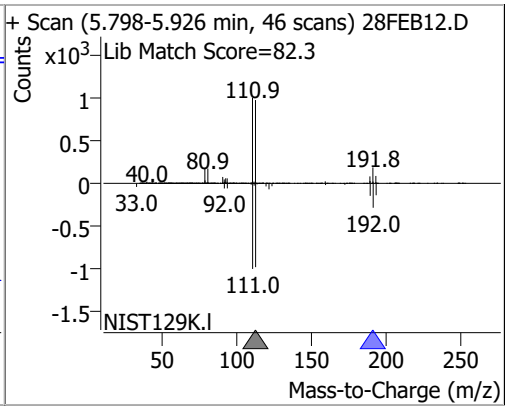




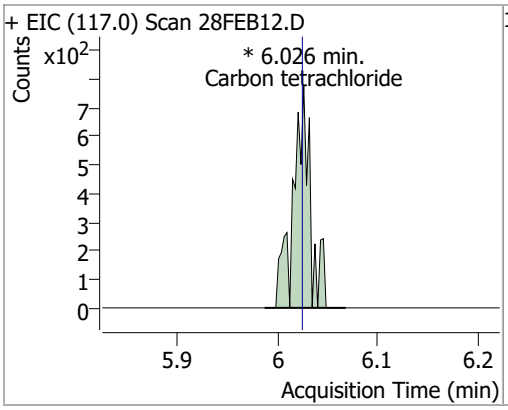
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	274.4558	5.85	0.00	263784	191.5	21.3	0.0	53.2

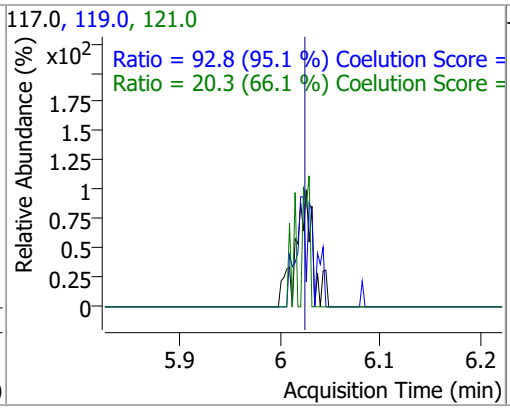


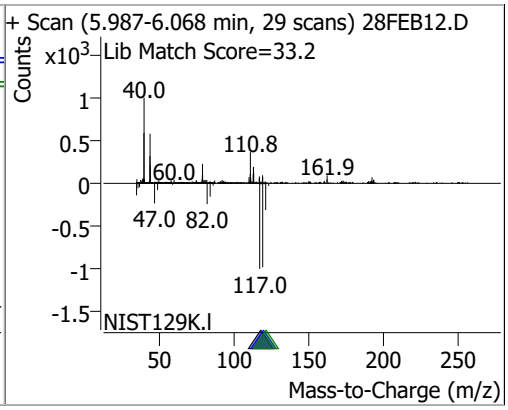




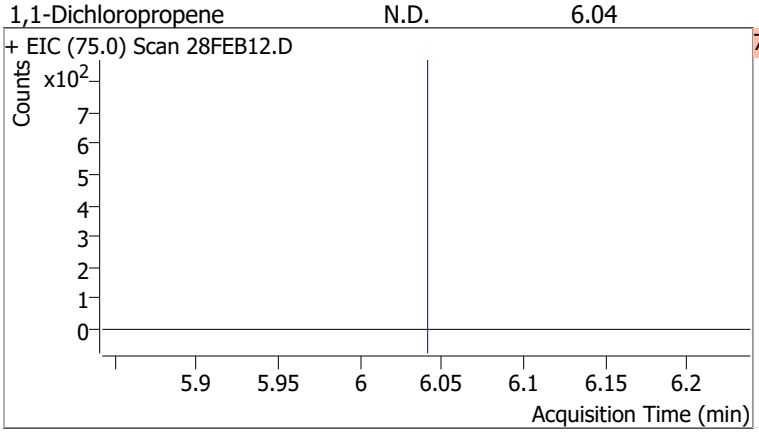
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	0.5341	6.03	0.00	921 (m)	119.0	92.8	67.6	127.6
					121.0	20.3	0.7	60.7

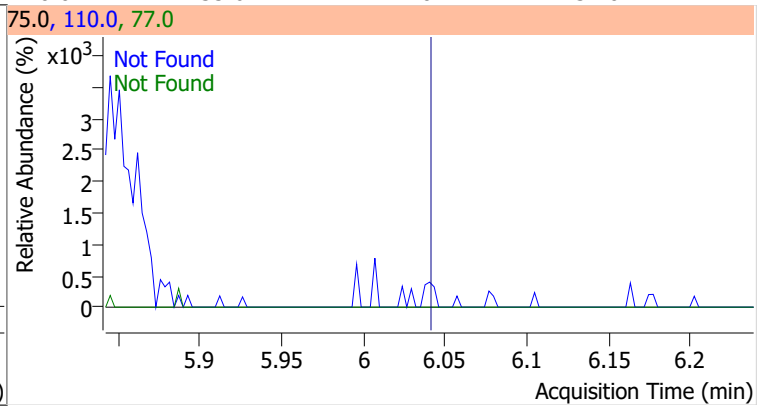




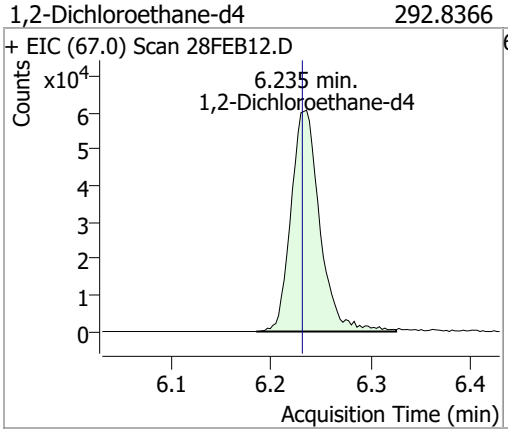


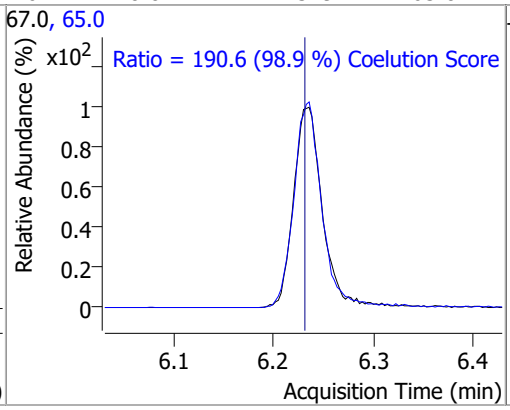
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

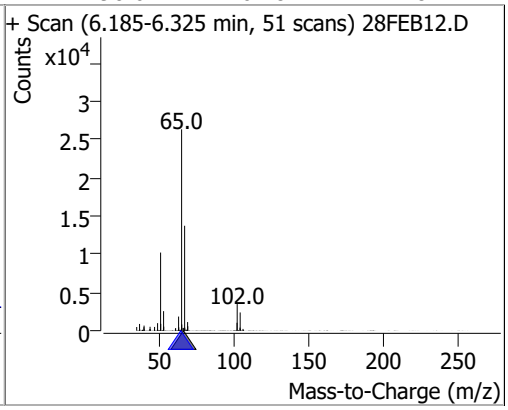




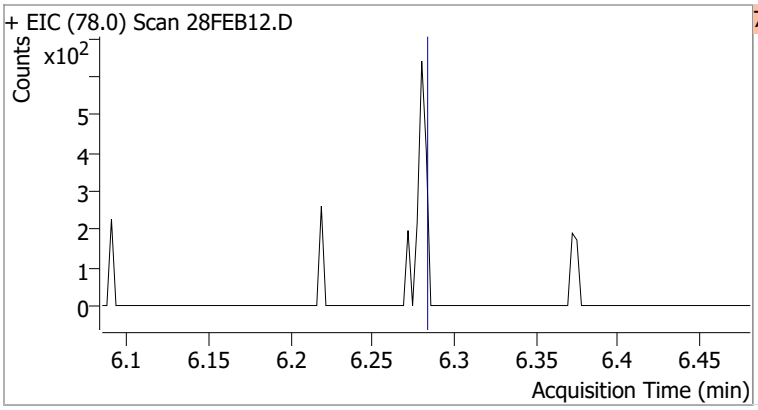
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	292.8366	6.24	0.01	121579	65.0	190.6	162.8	222.8

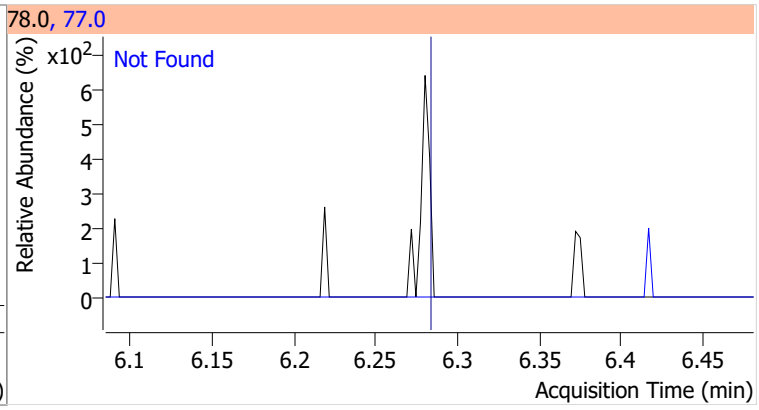




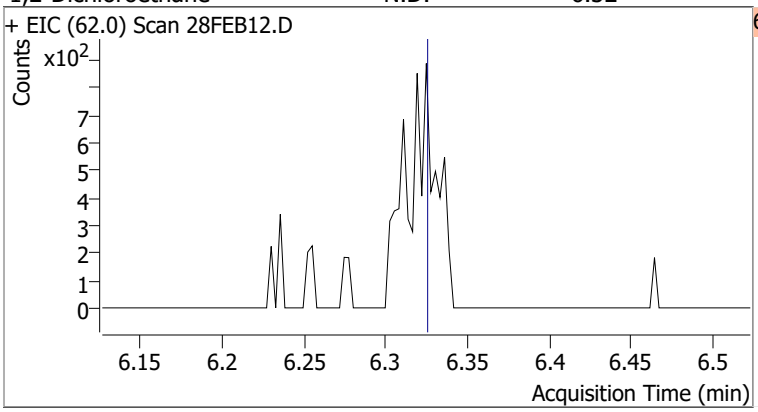


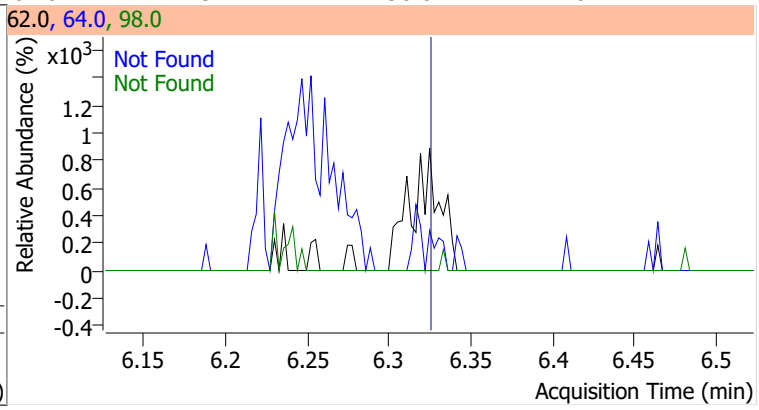
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



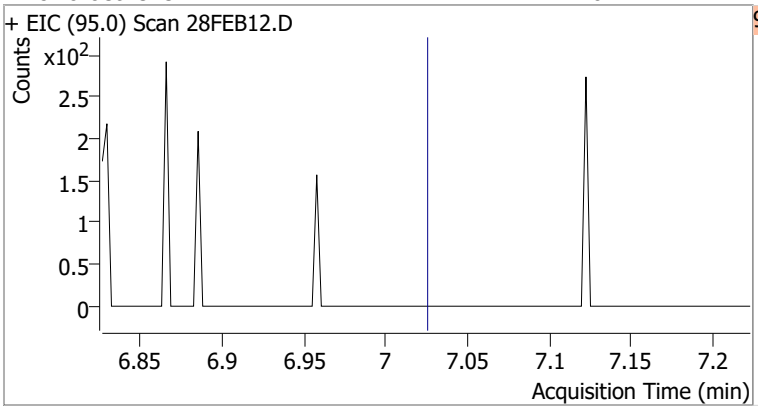


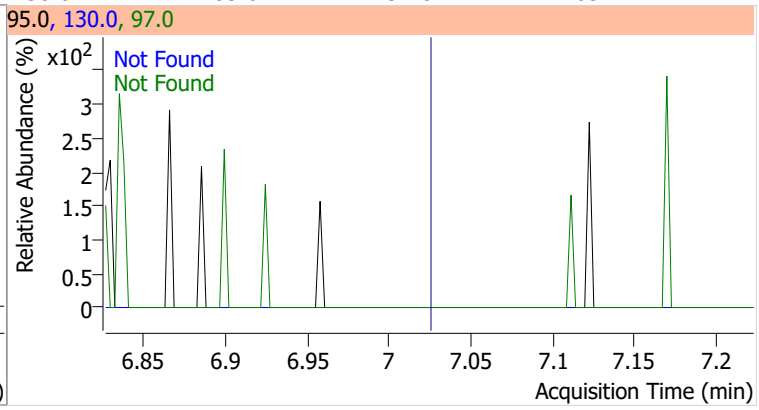
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



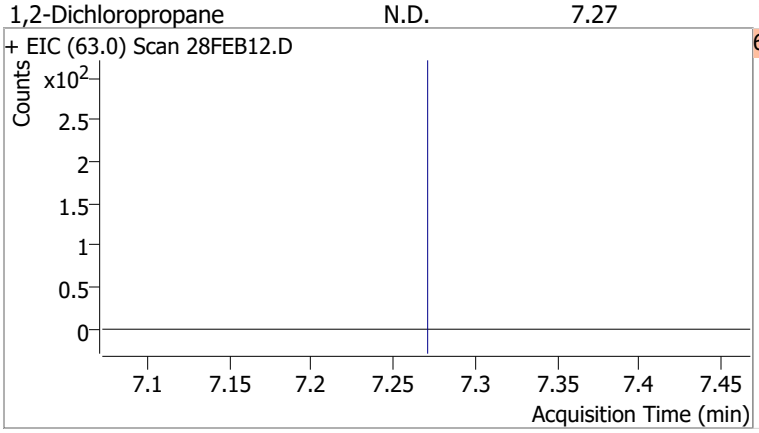


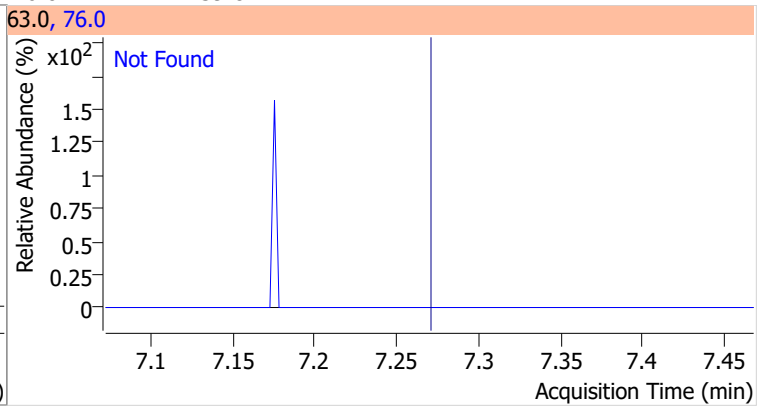
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



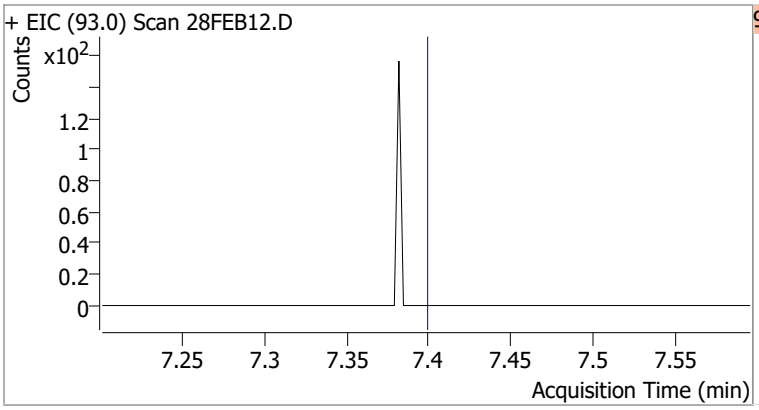


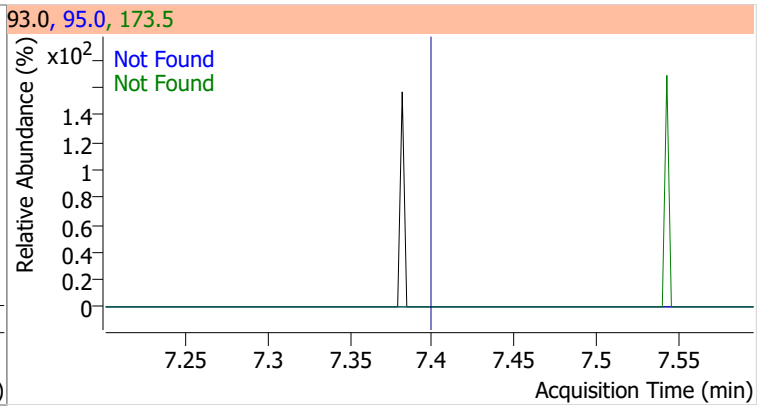
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



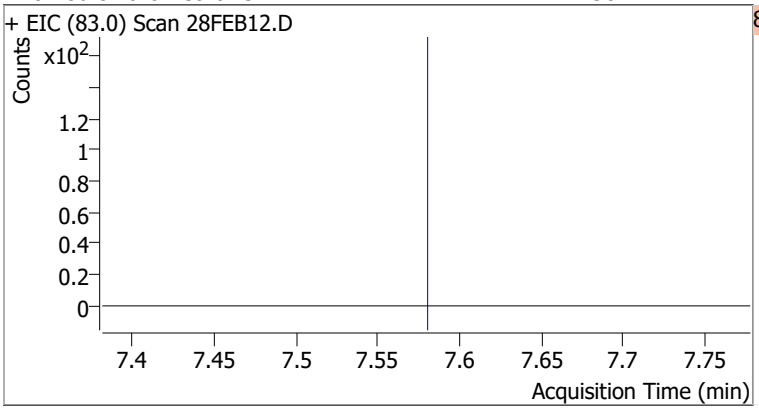


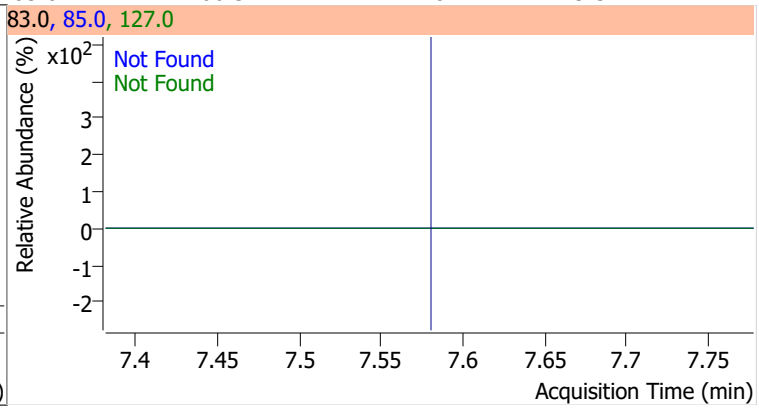
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



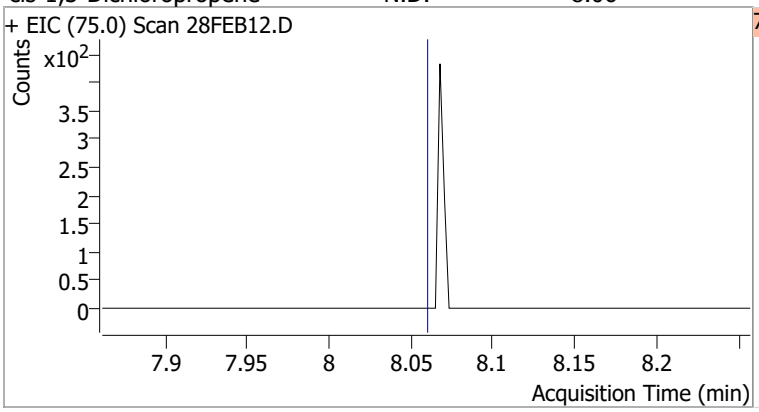


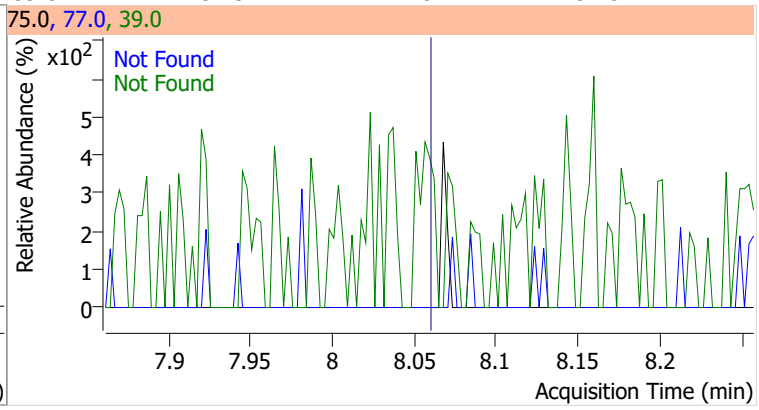
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



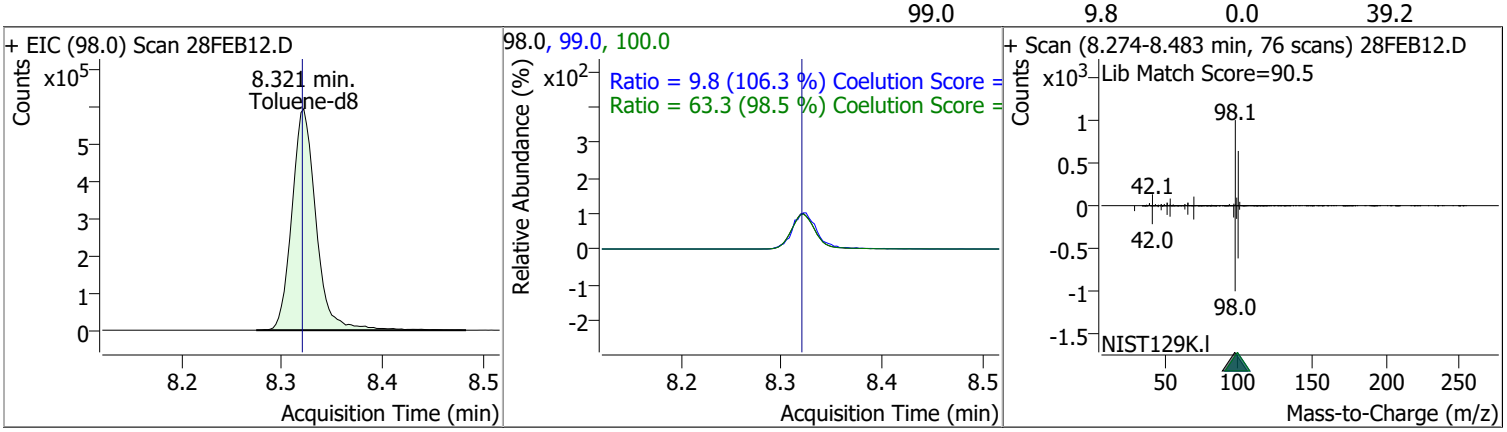


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

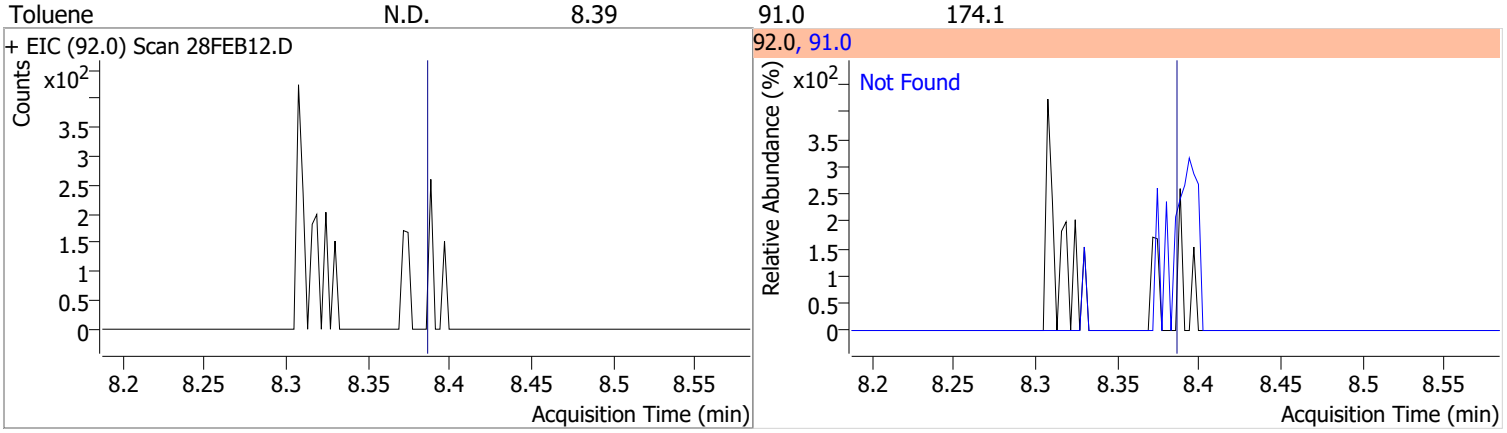




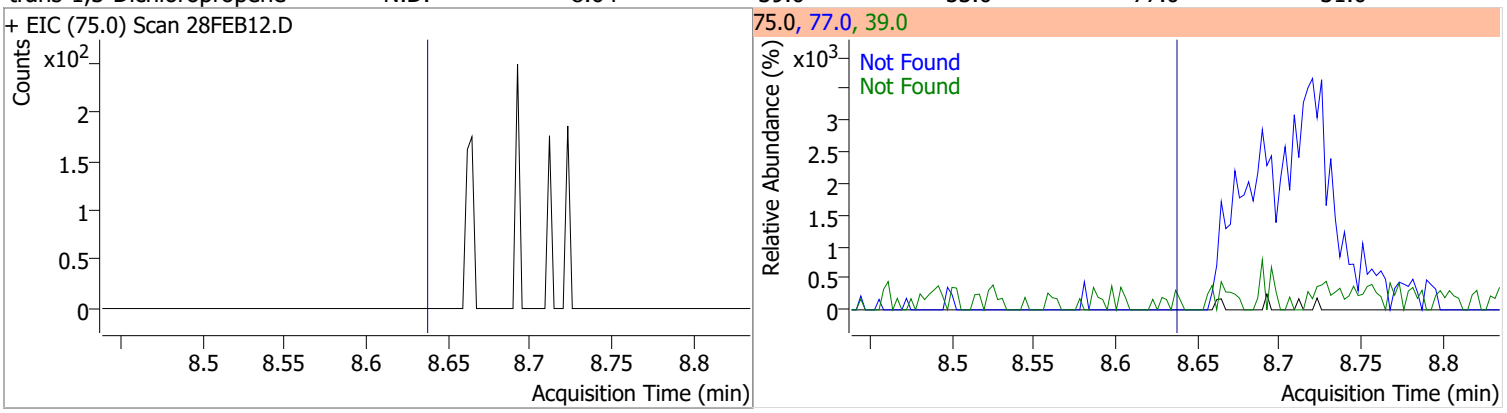
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	267.1250	8.32	0.00	994658	100.0	63.3	34.3	94.3
					99.0	9.8	0.0	39.2



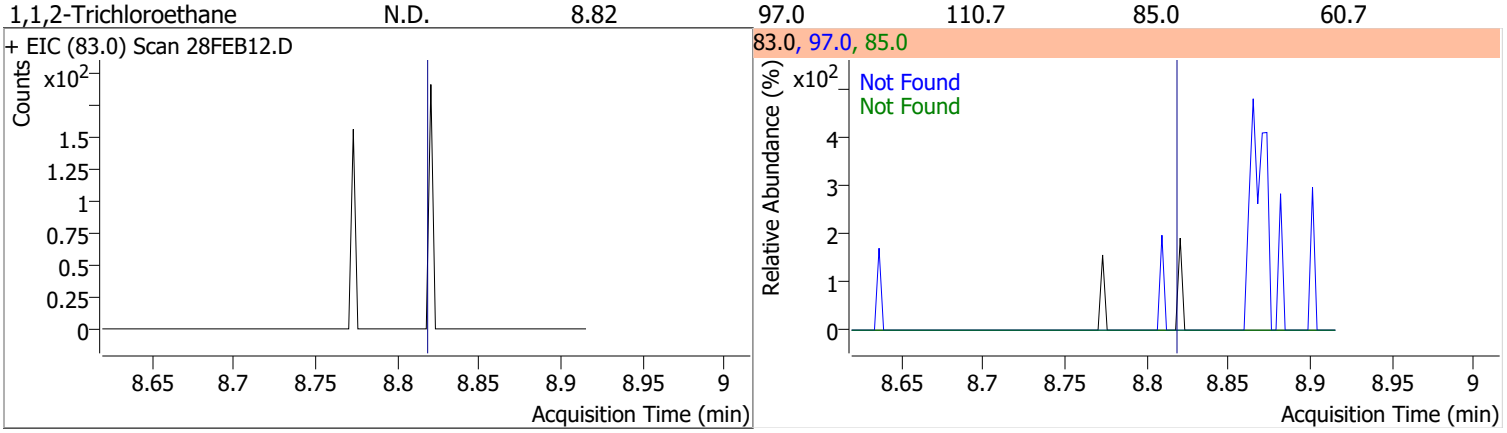
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	174.1



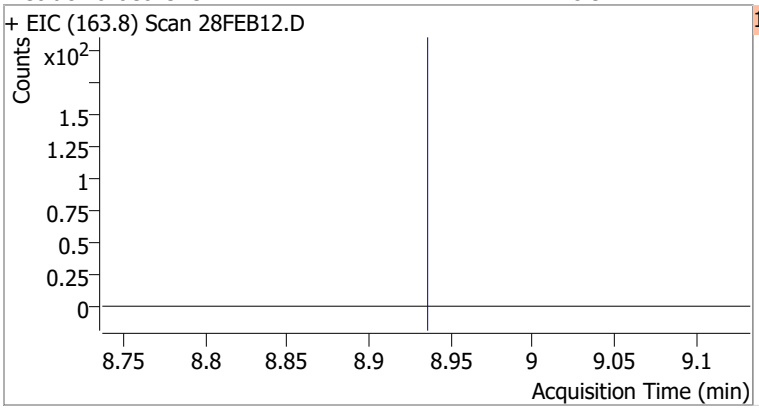
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0

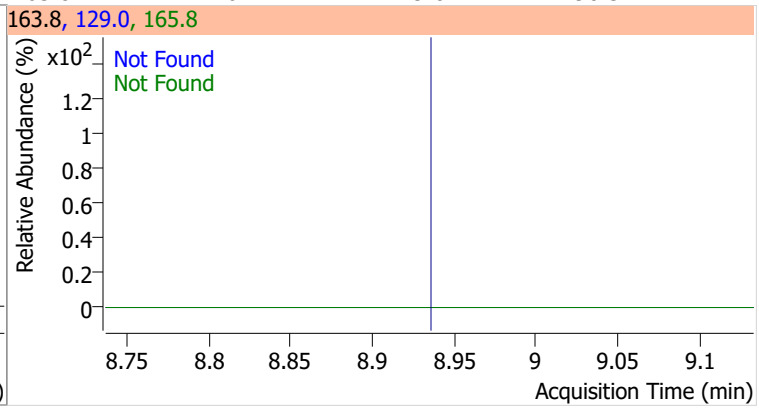


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7

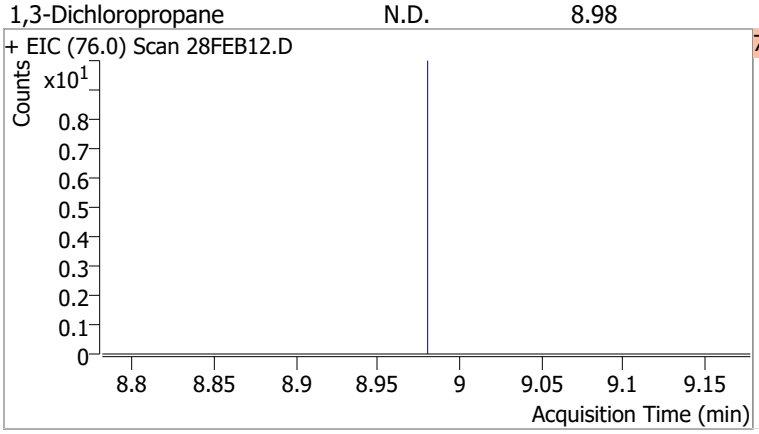


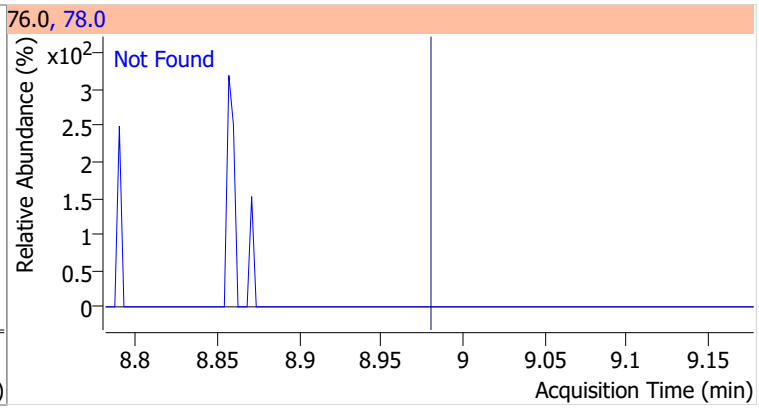
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



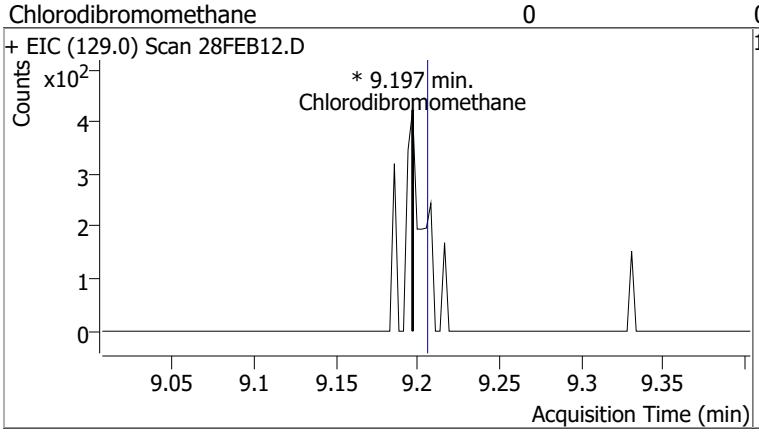


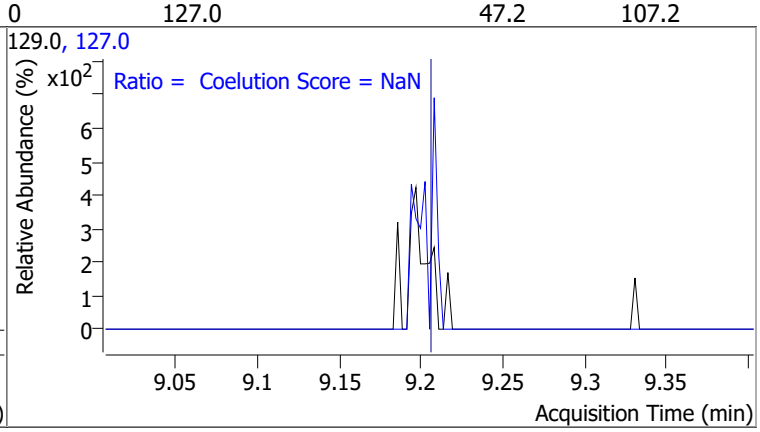
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



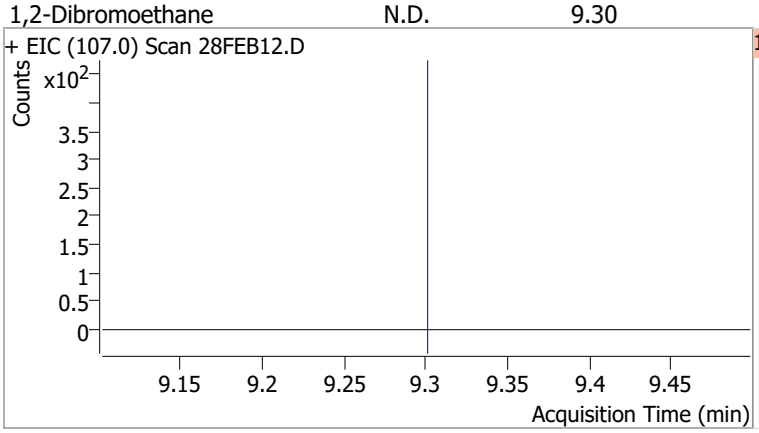


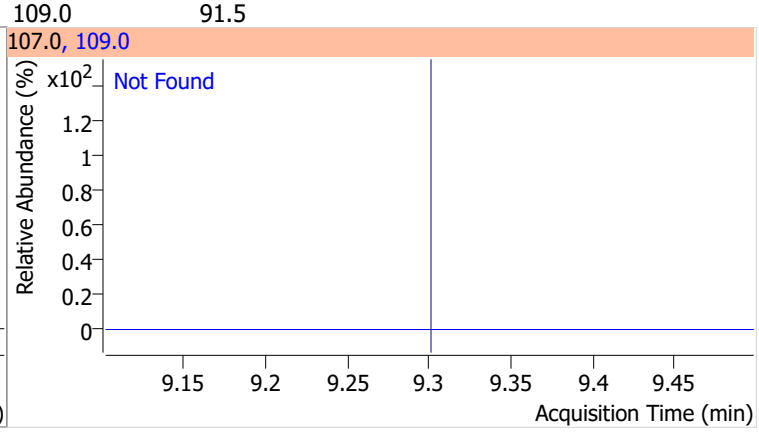
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane		0		0	127.0		47.2	107.2



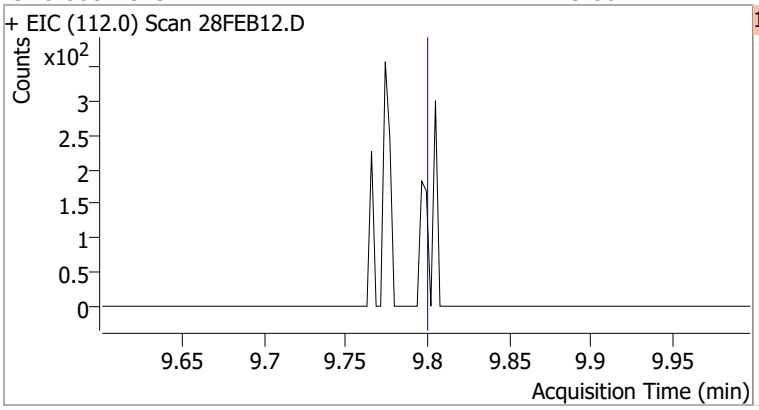


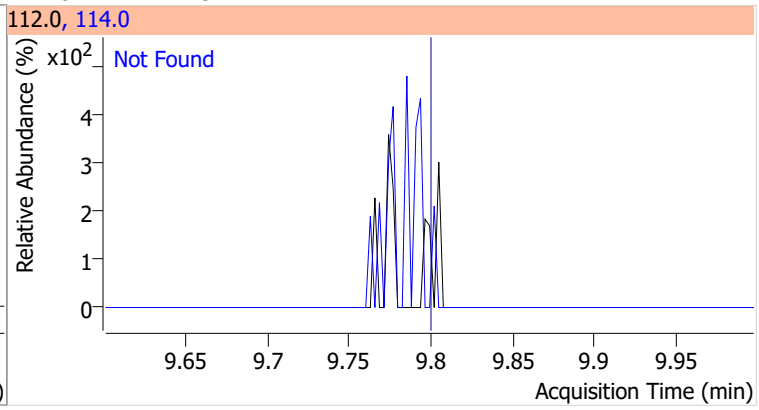
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



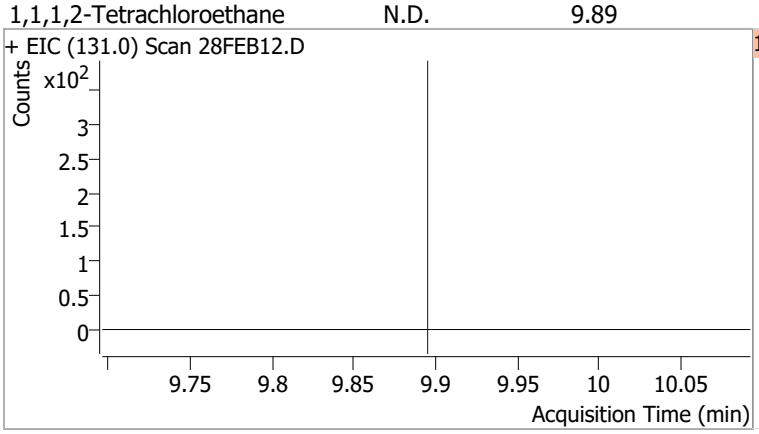


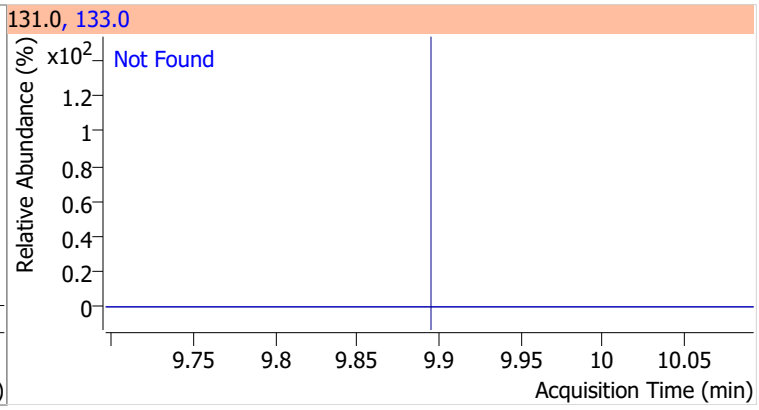
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



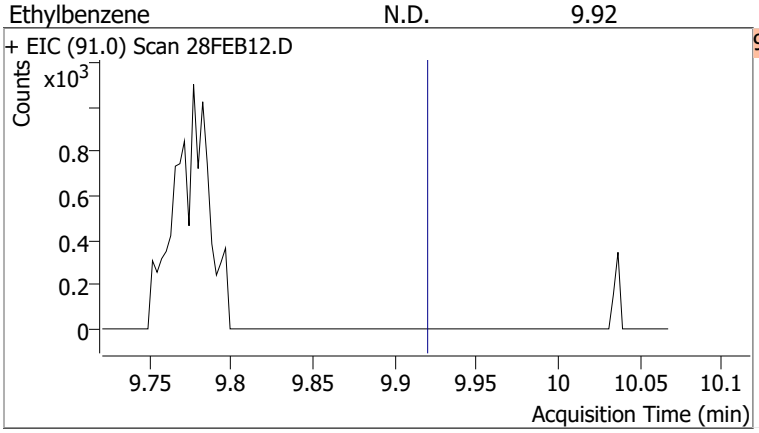


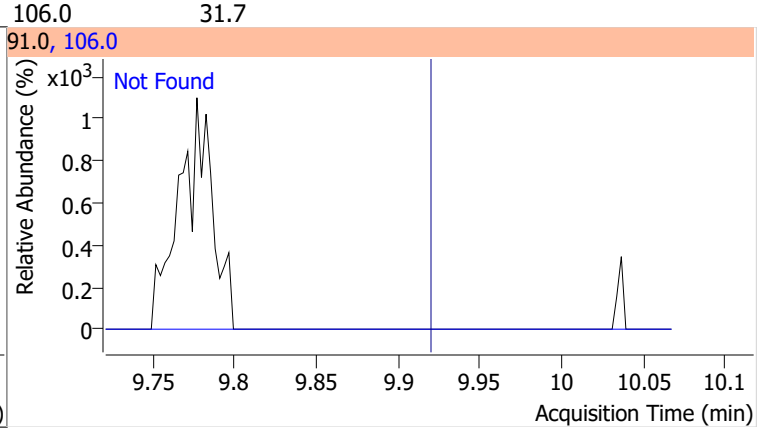
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



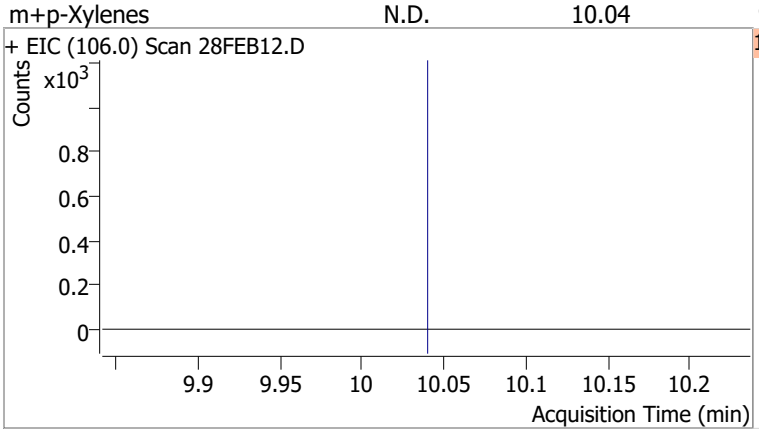


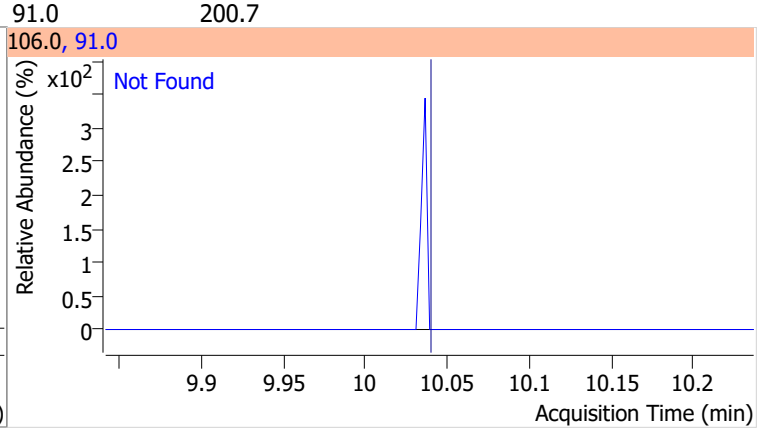
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



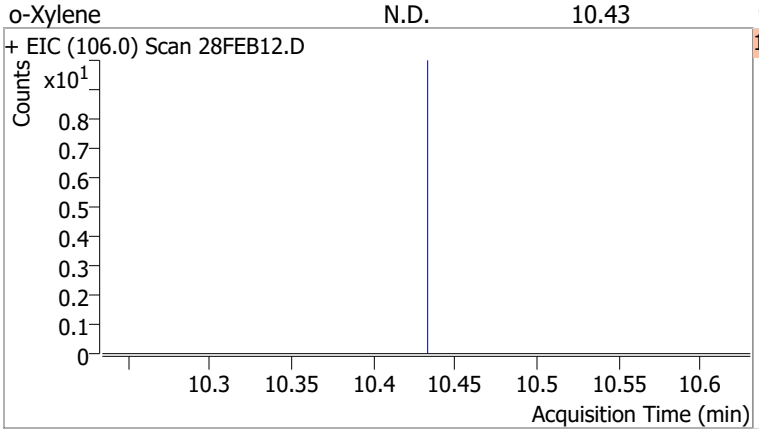


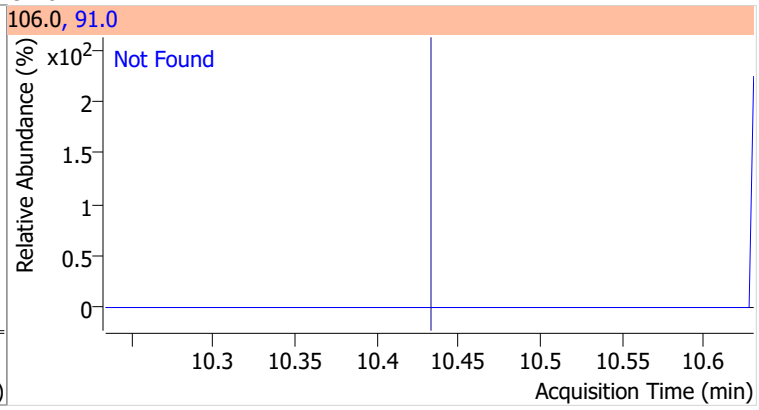
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



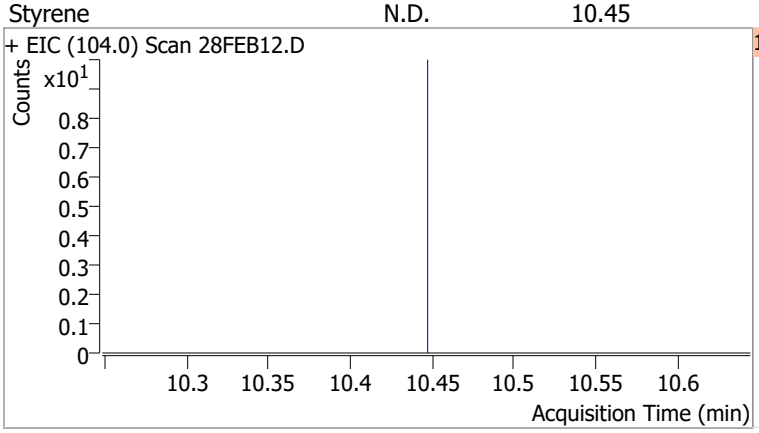


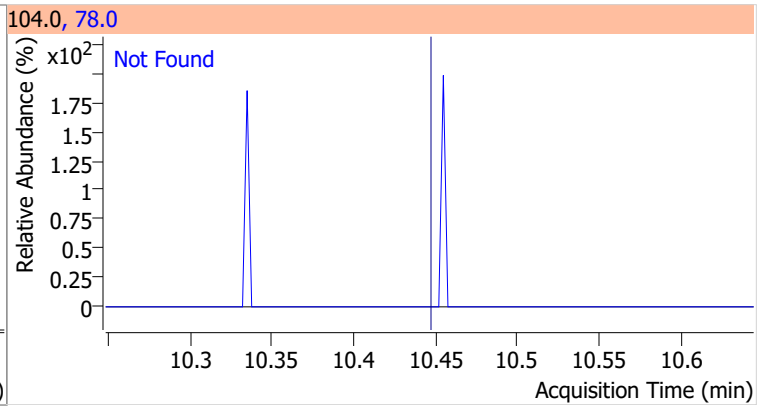
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



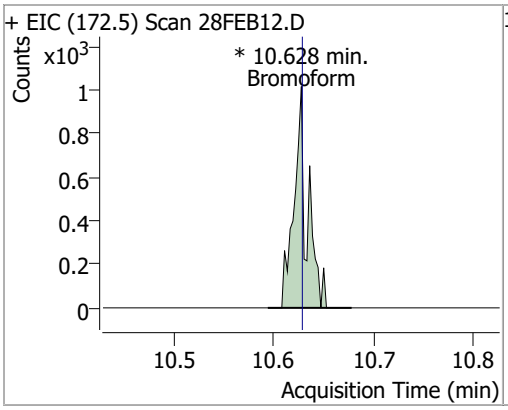


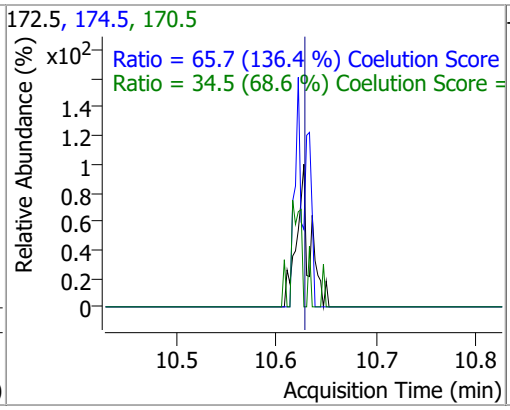
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6

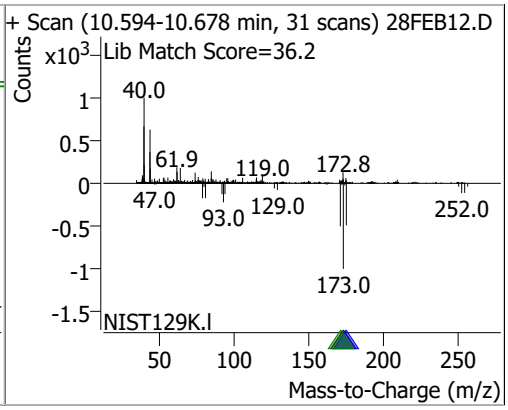




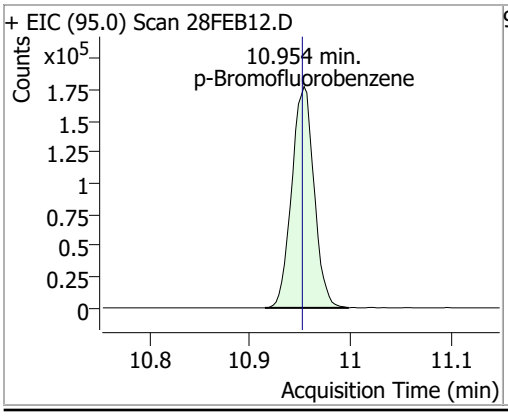
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	2.5691	10.63	0.00	926 (m)	170.5	34.5	20.3	80.3
					174.5	65.7	18.1	78.1

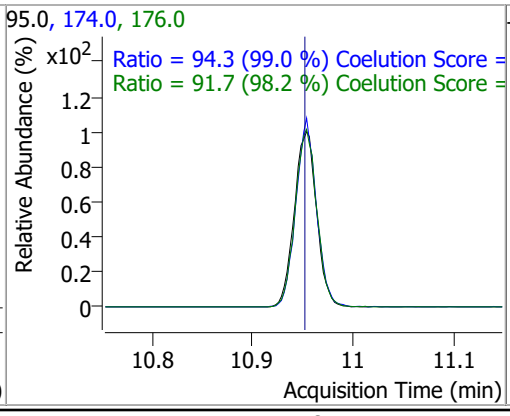


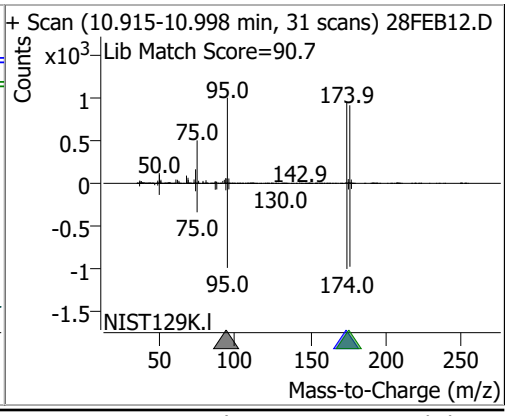




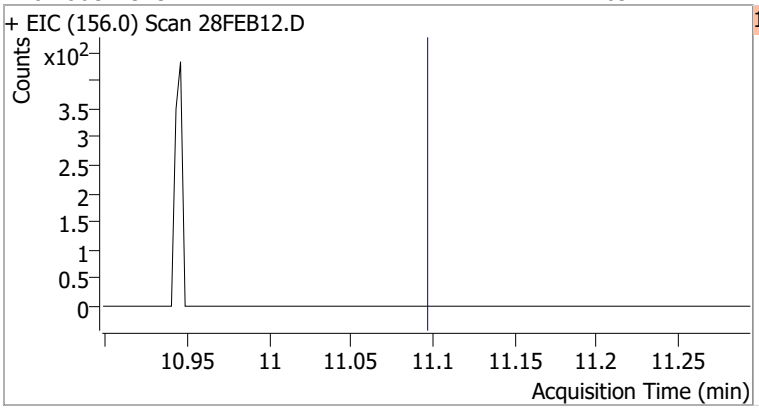
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	277.3617	10.95	0.01	275325	174.0	94.3	65.3	125.3
					176.0	91.7	63.3	123.3

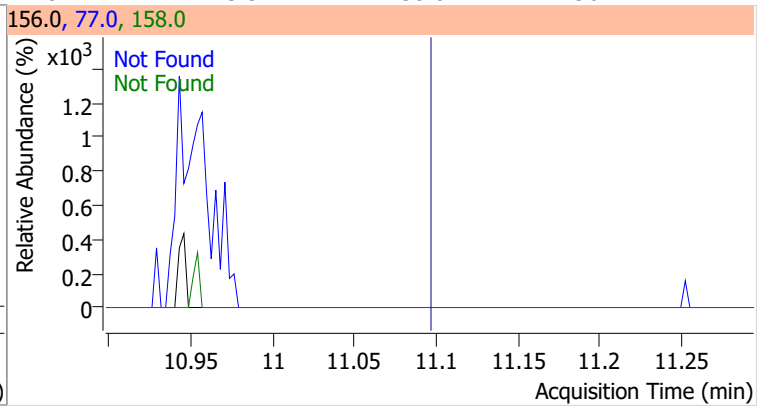




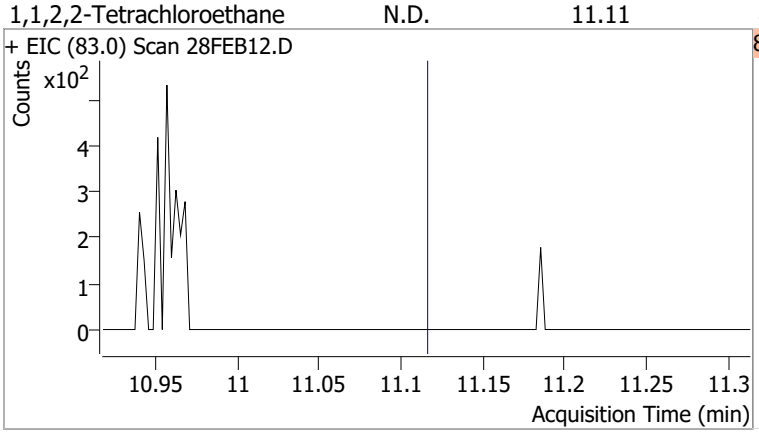


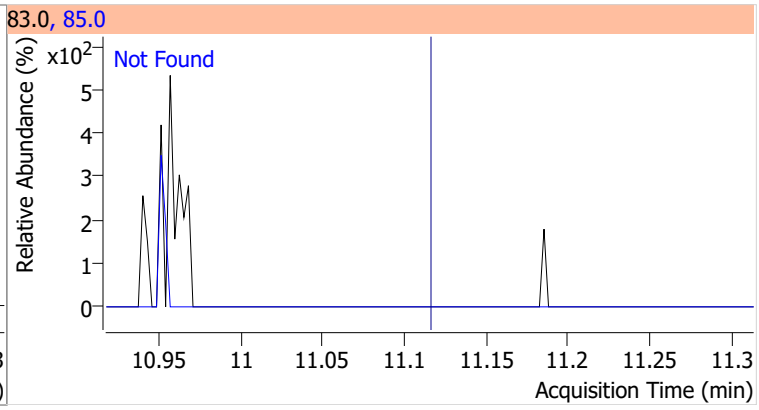
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



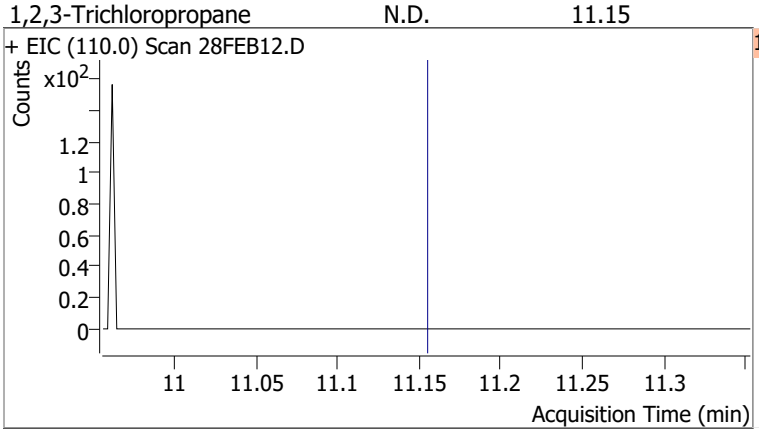


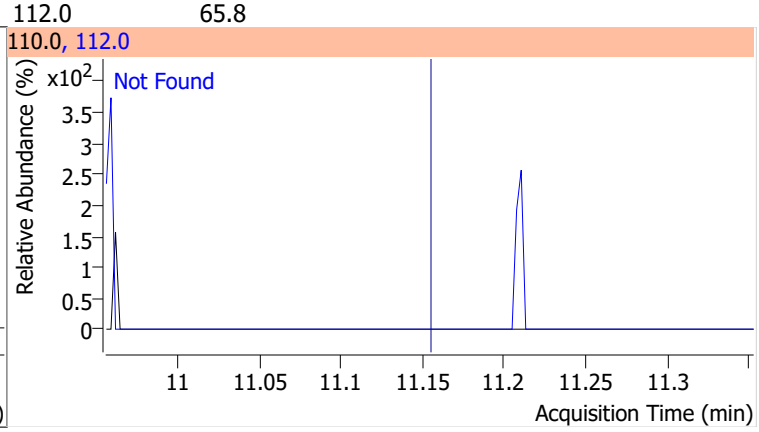
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



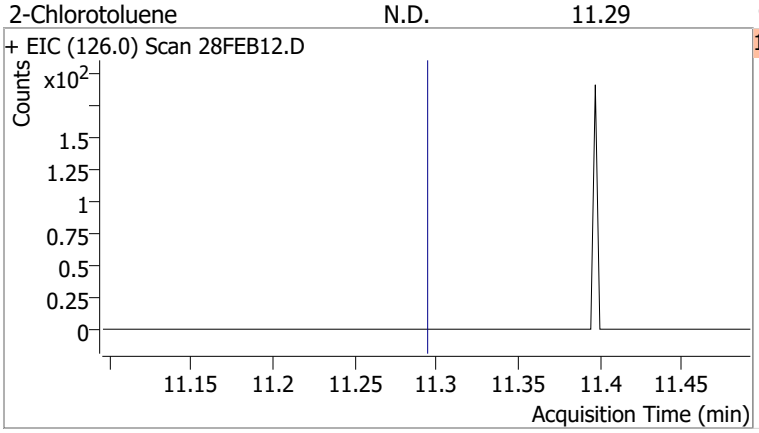


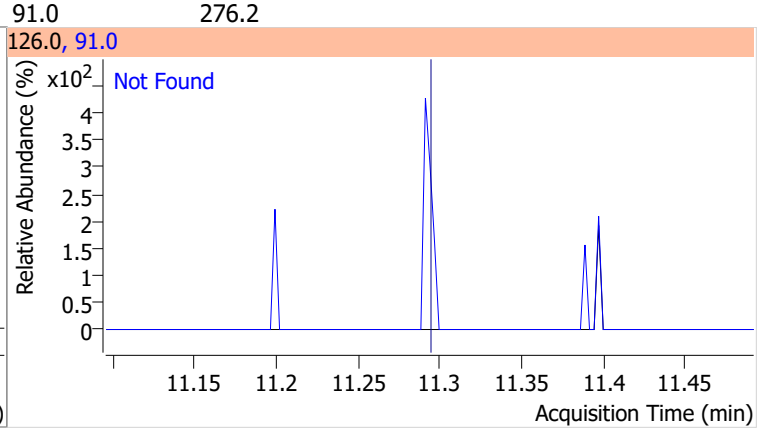
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



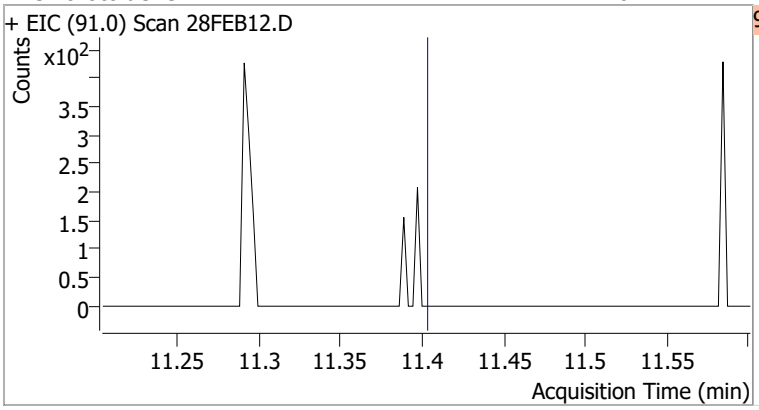


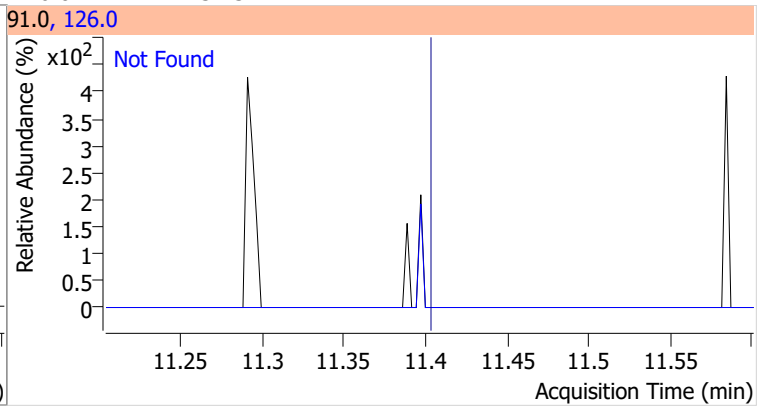
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



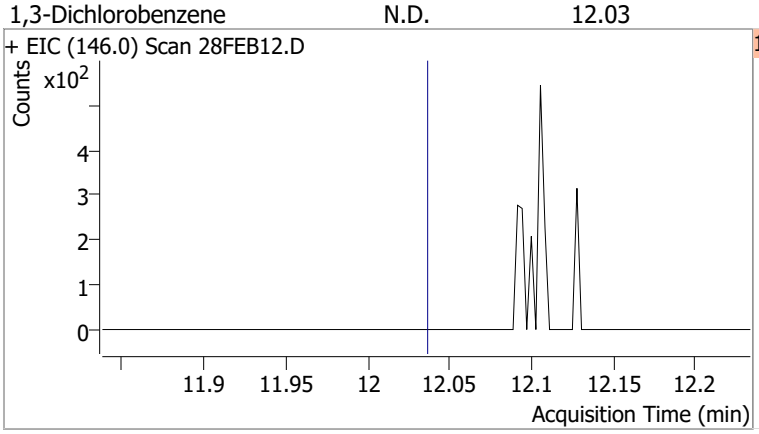


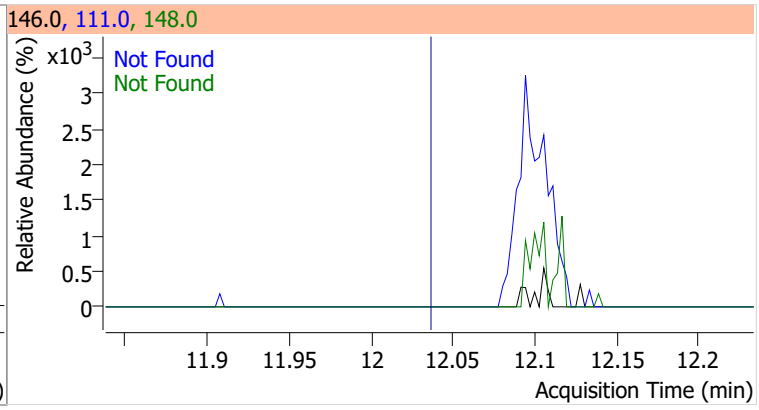
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



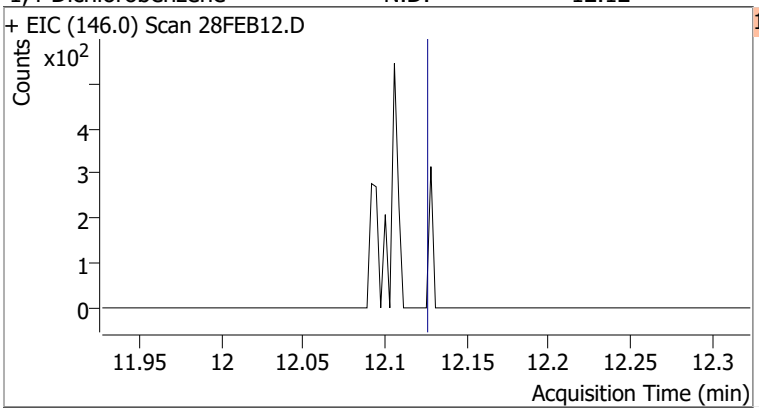


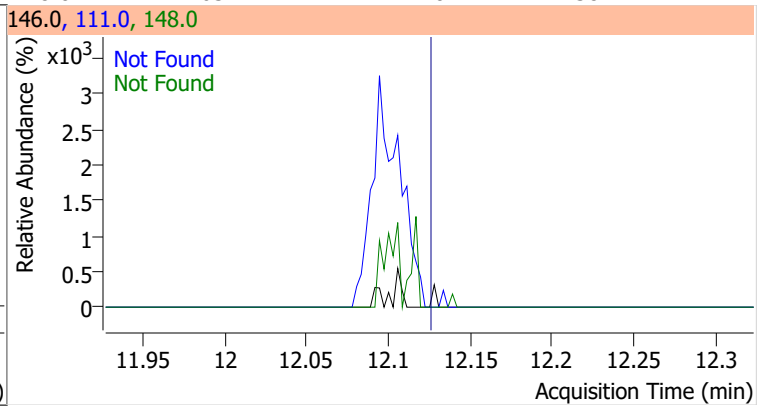
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



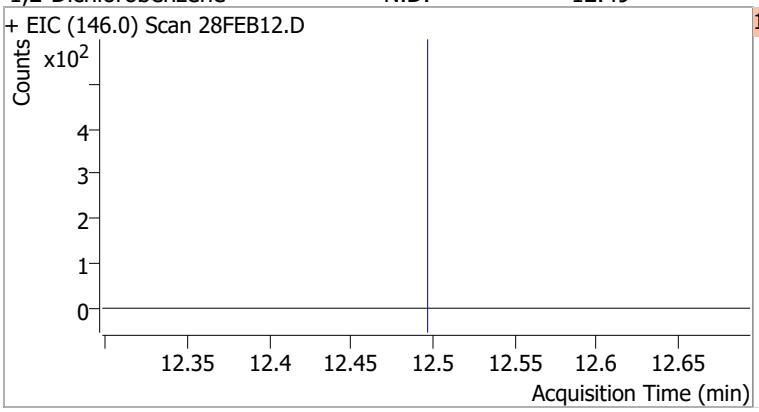


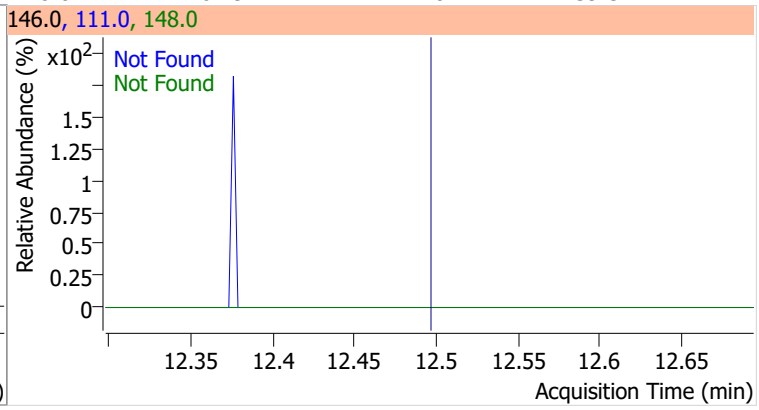
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





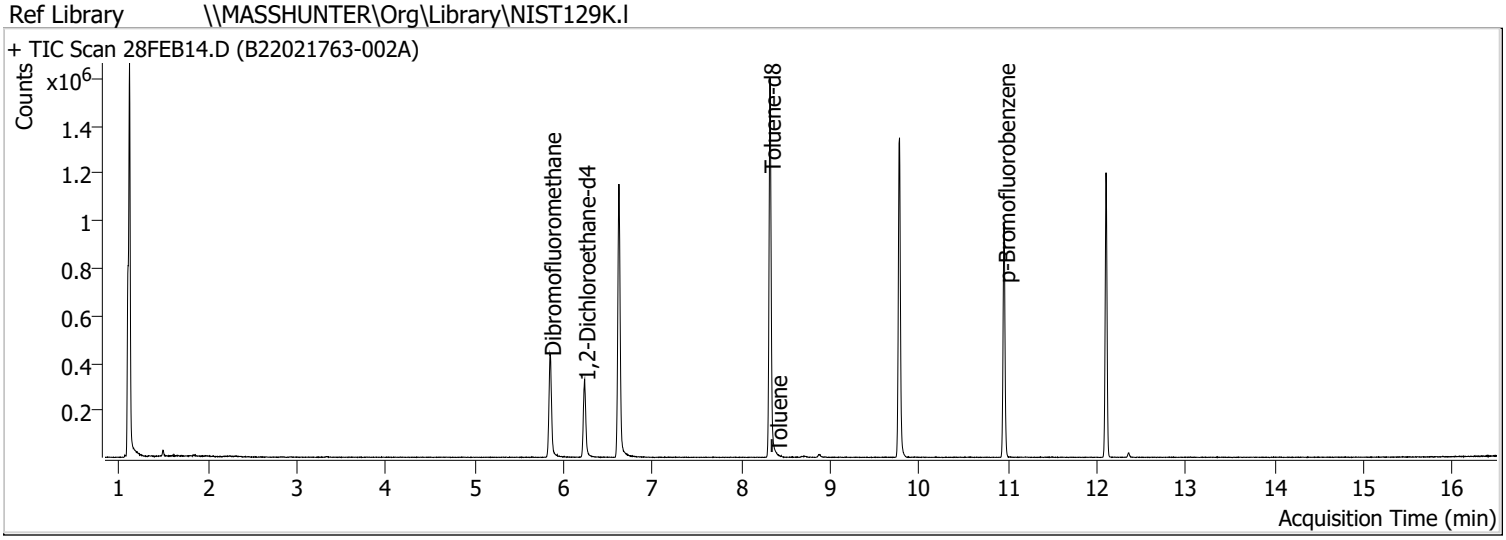
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB14.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 4:19:18 PM
Sample Name	B22021763-002A	Instrument	VOA5975C
Vial	14	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

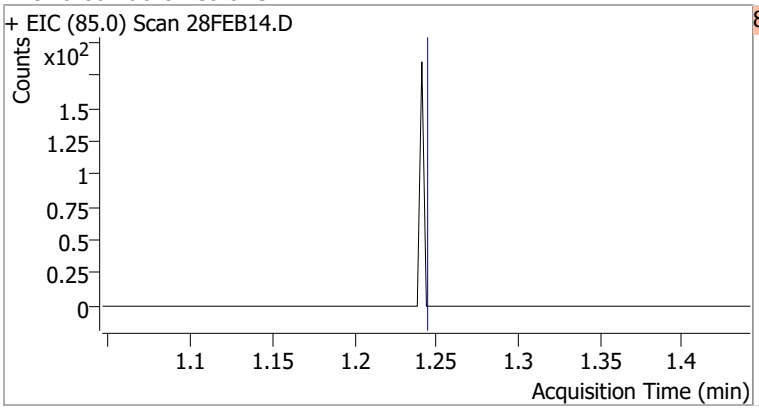


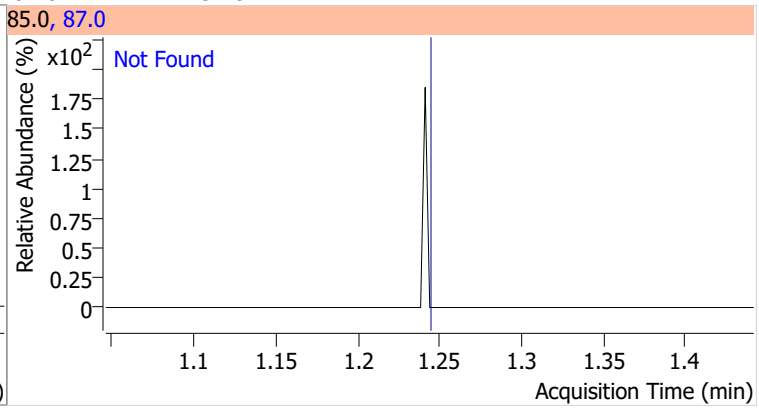
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	992397	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	380790	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	280269	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	255774	266.0936	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.44%		
S 1,2-Dichloroethane-d4	6.233	67.0	120124	289.3014	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 115.72%		
S Toluene-d8	8.319	98.0	1000464	269.3059	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.72%		
S p-Bromofluorobenzene	10.954	95.0	278121	268.7631	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.51%		
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	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	8.389	92.0	1277	0.5156	ng	m	88
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.			

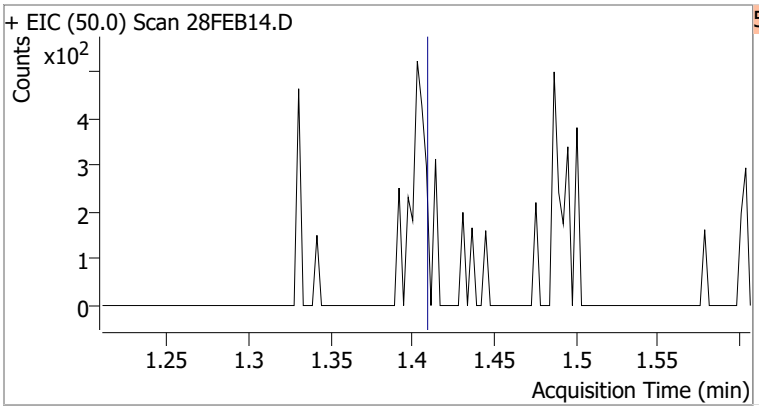
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

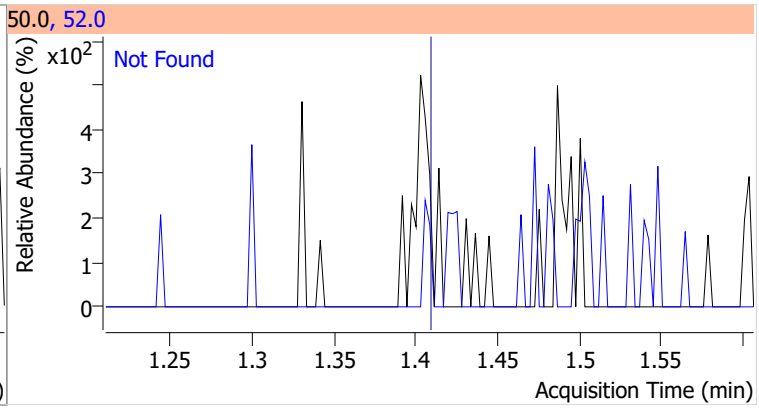
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



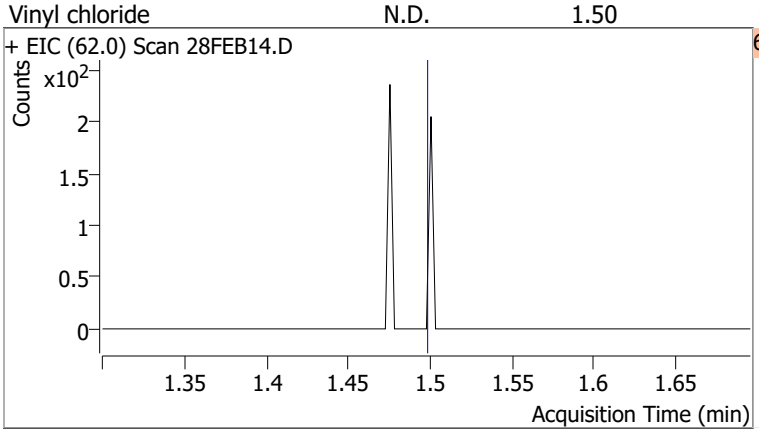


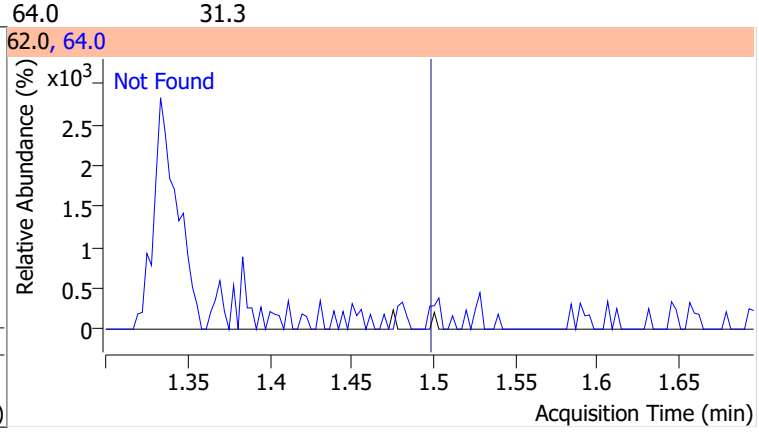
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



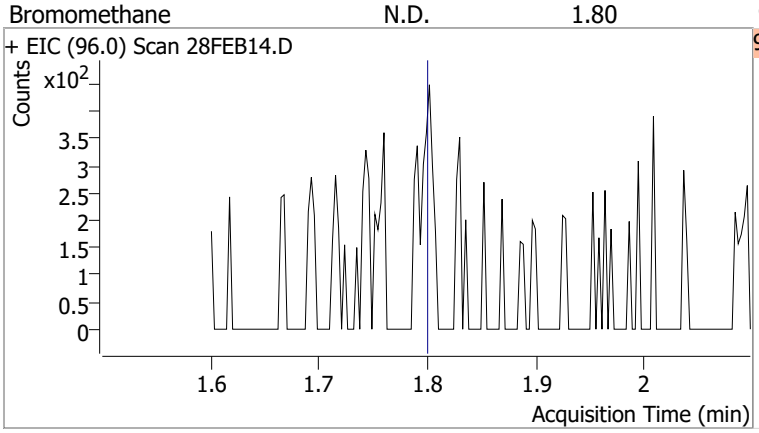


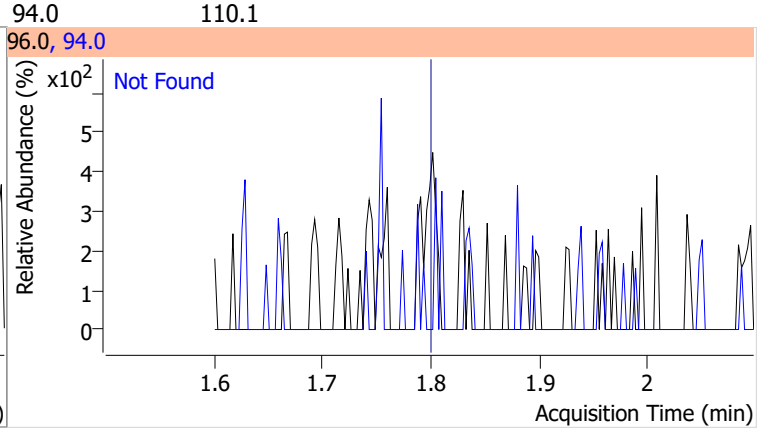
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



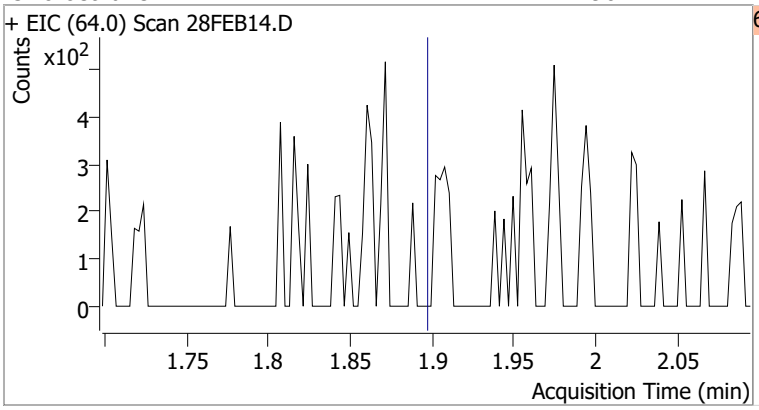


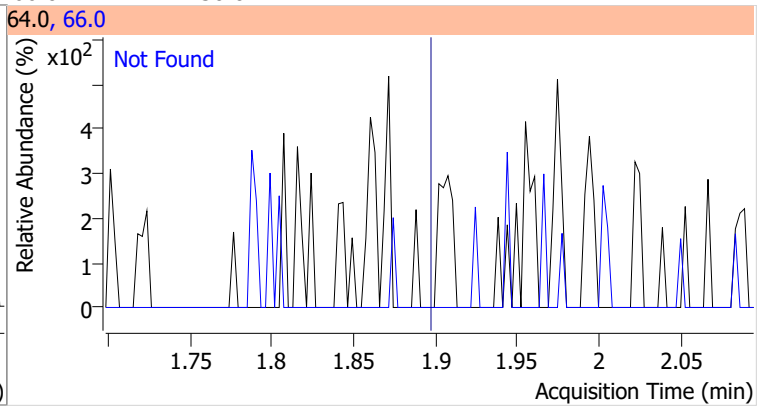
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



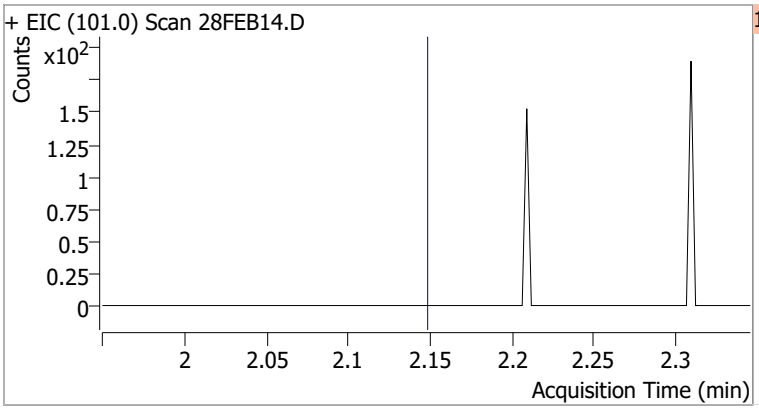


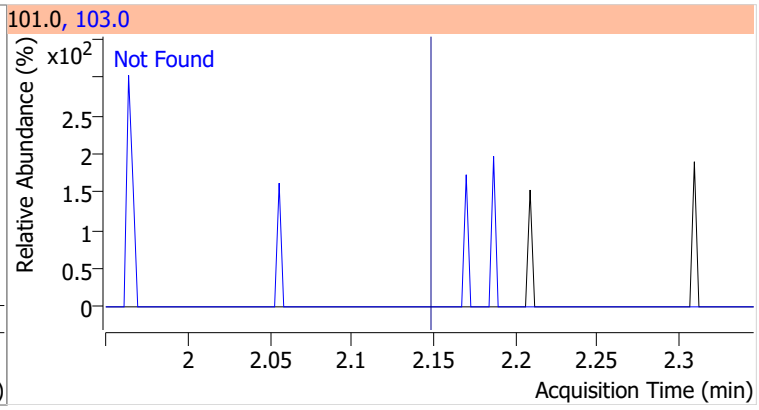
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



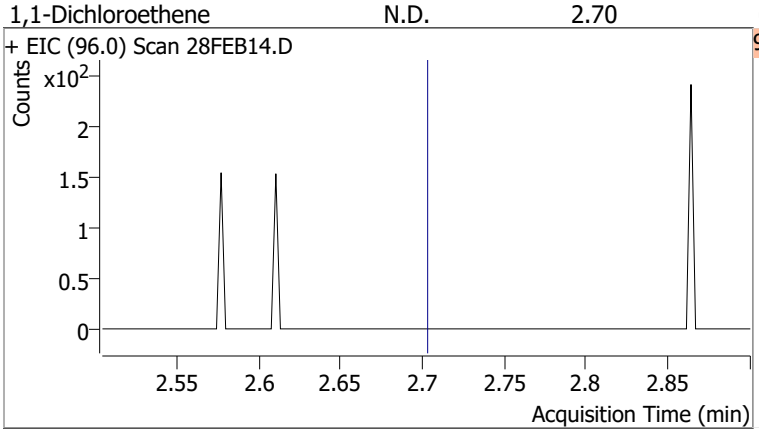


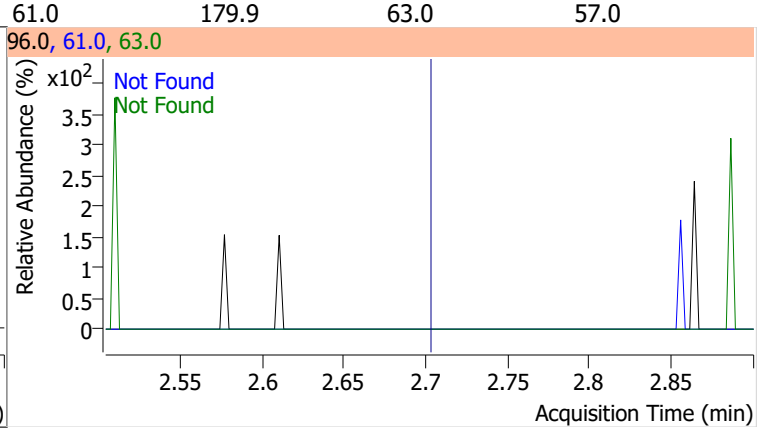
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



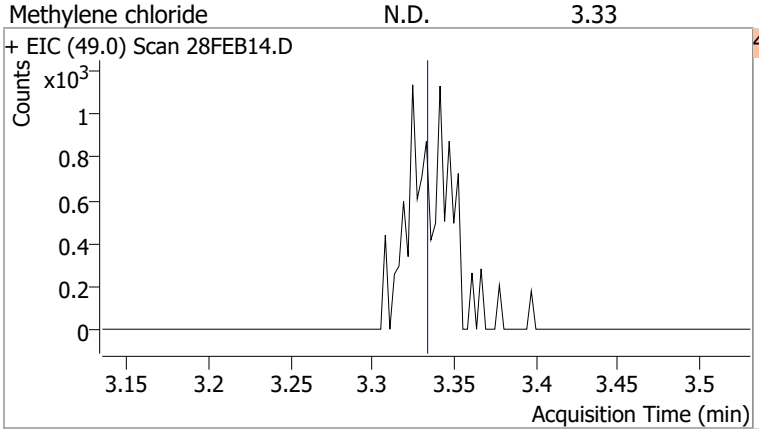


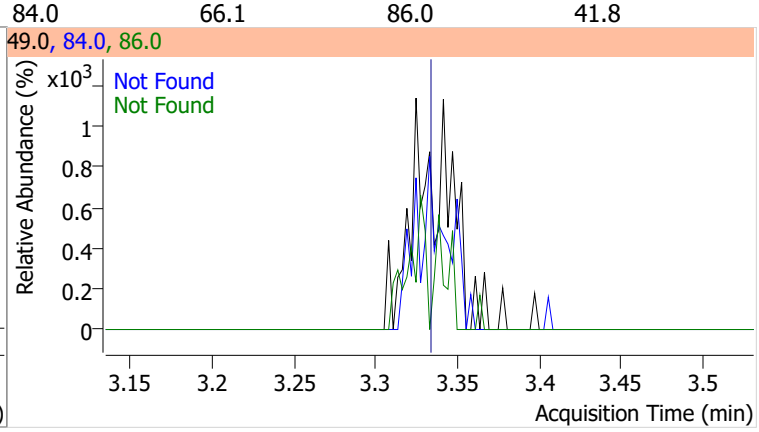
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0



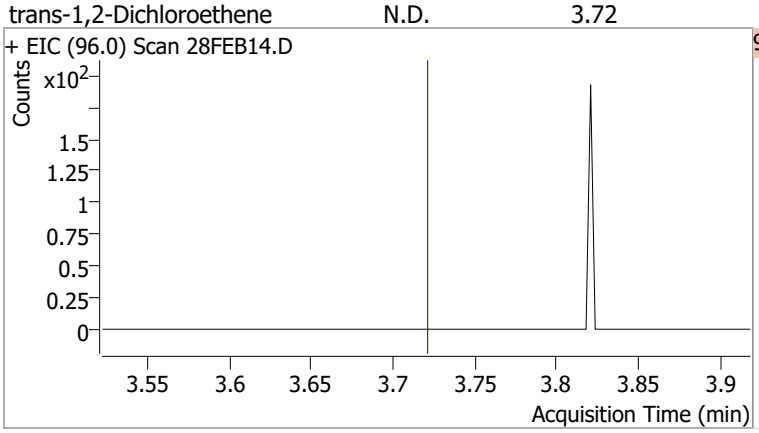


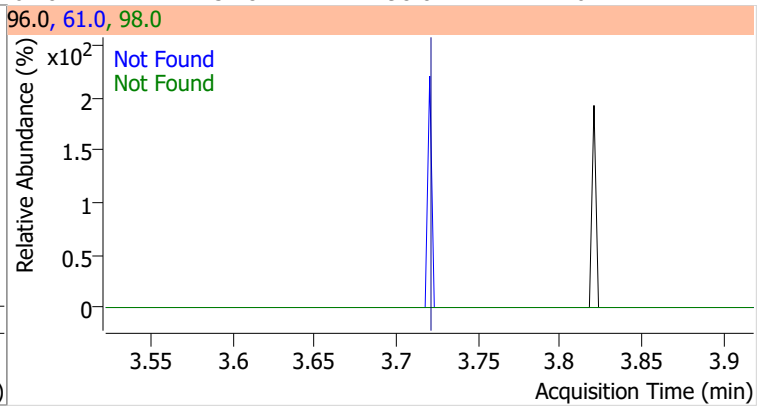
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Methylene chloride	N.D.	3.33	84.0	66.1	86.0	41.8



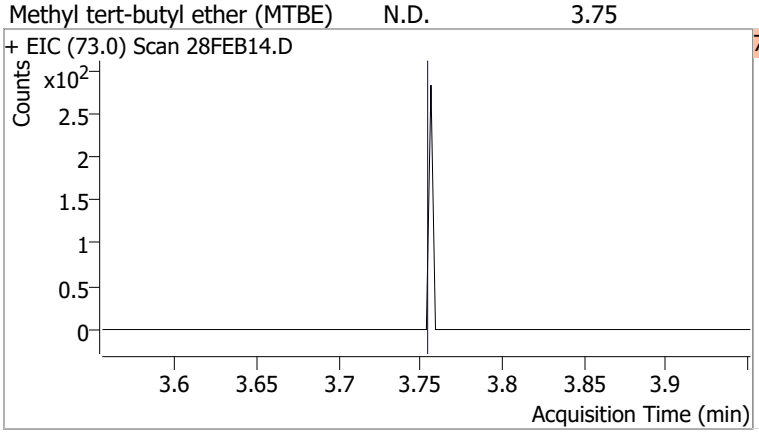


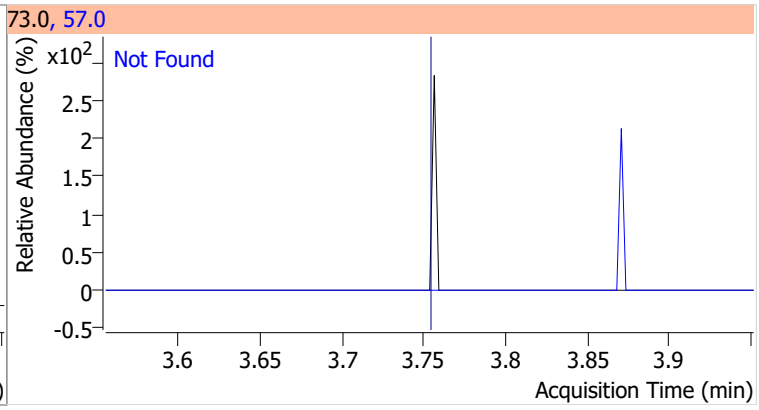
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



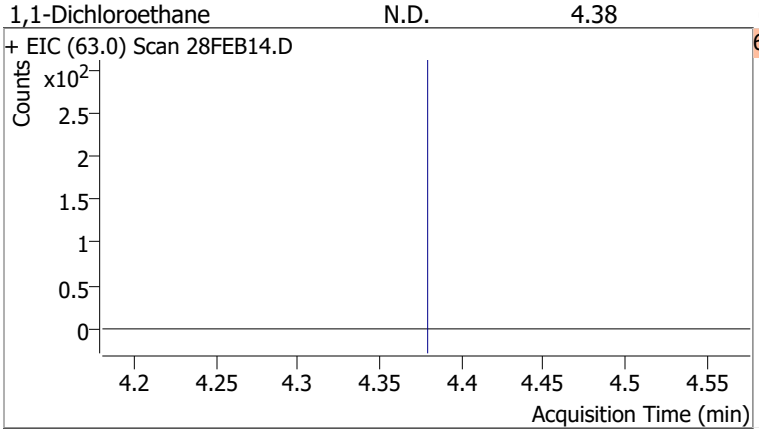


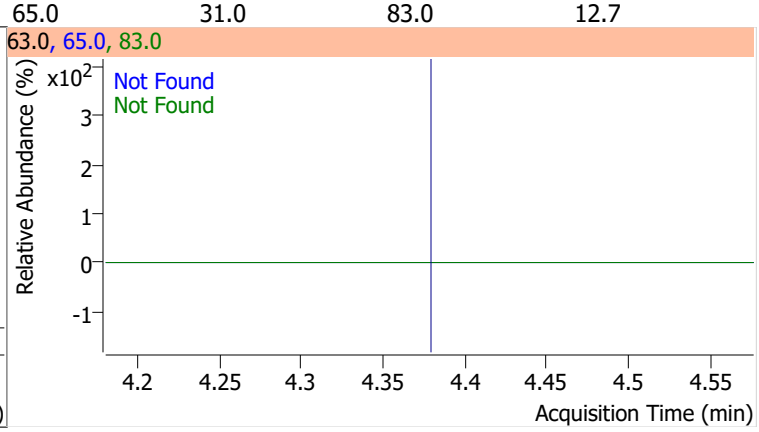
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



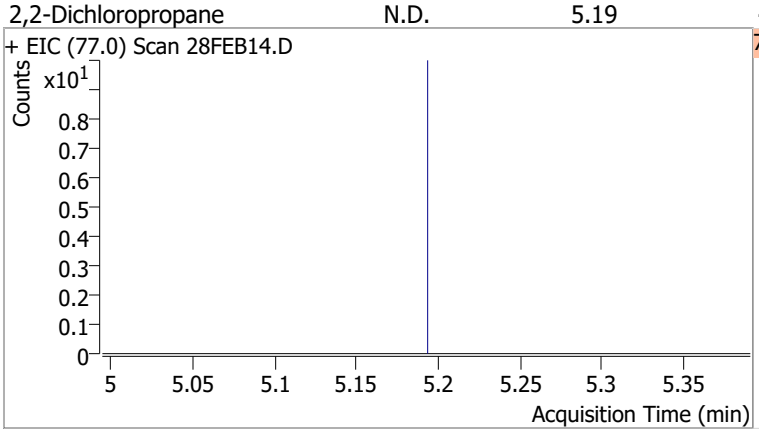


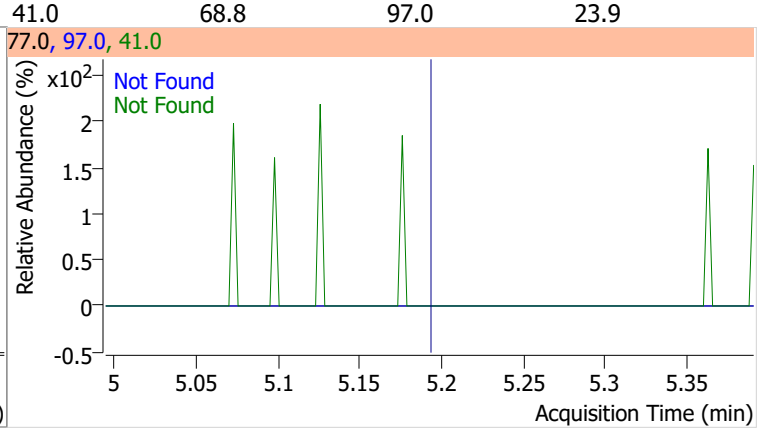
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



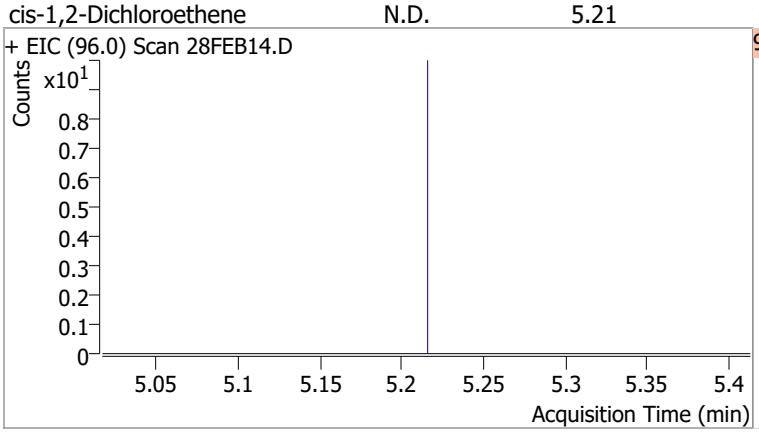


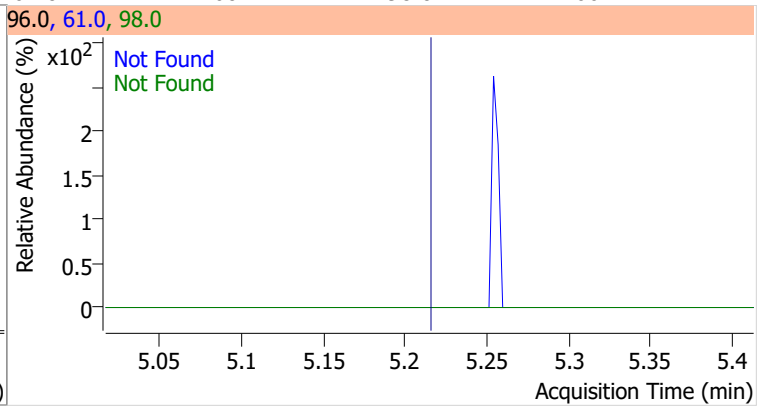
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



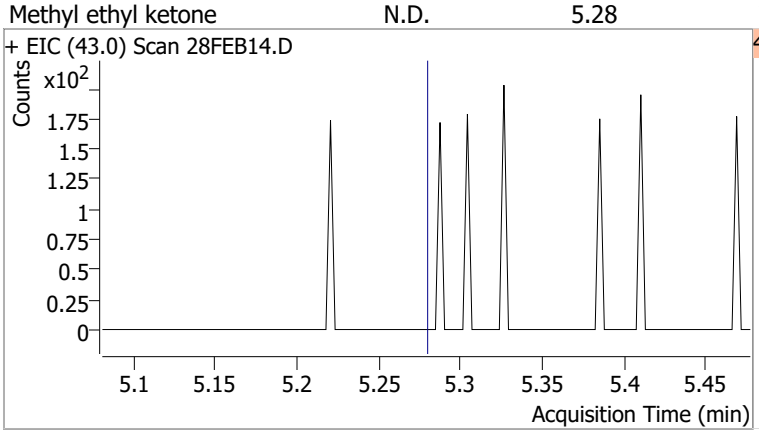


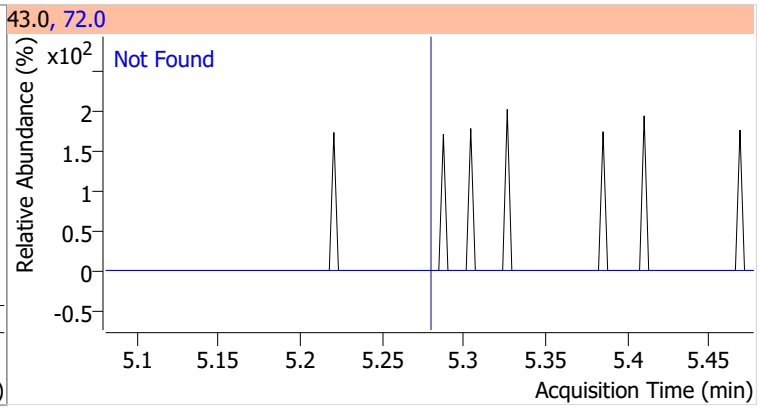
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



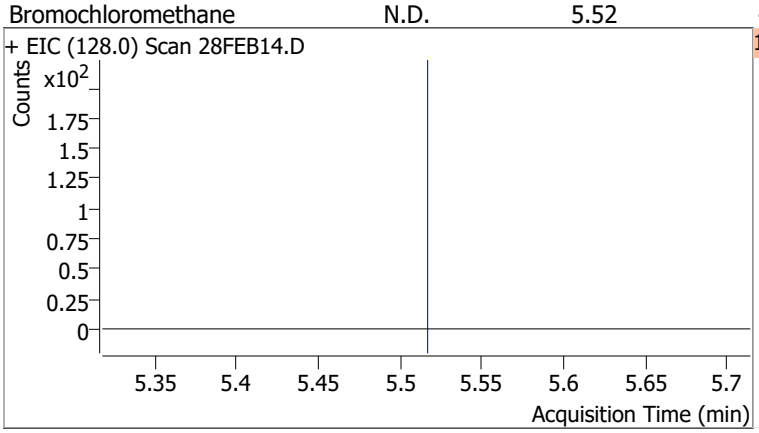


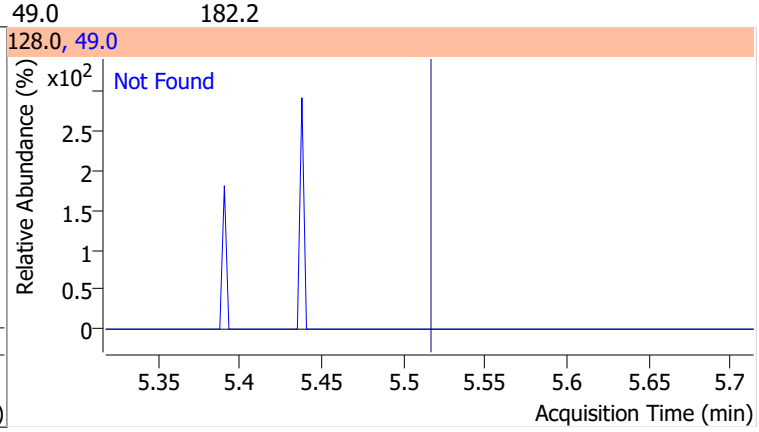
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



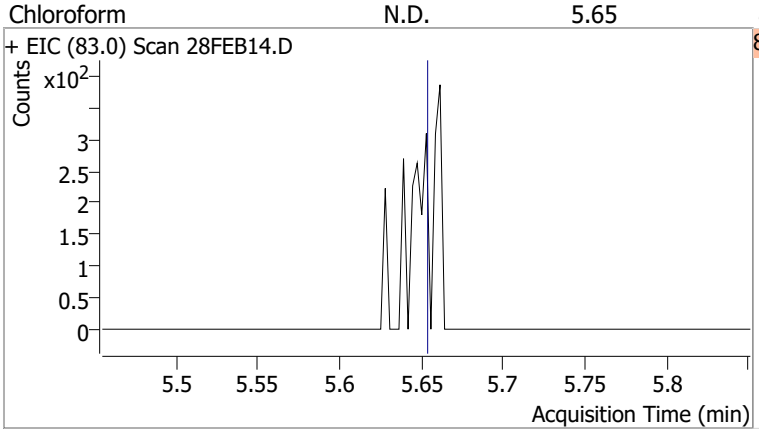


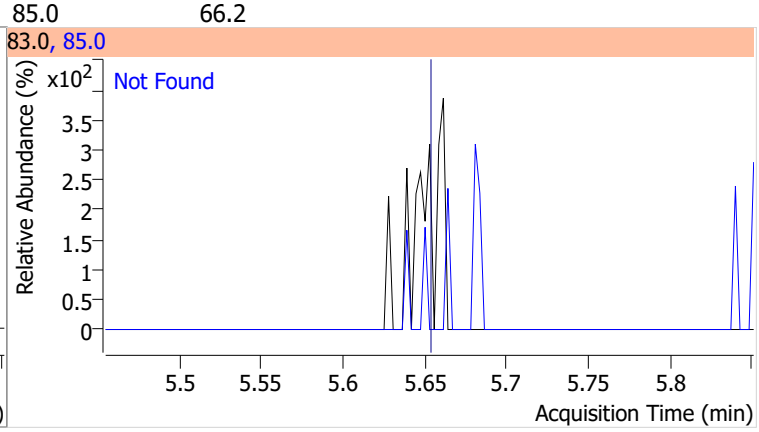
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



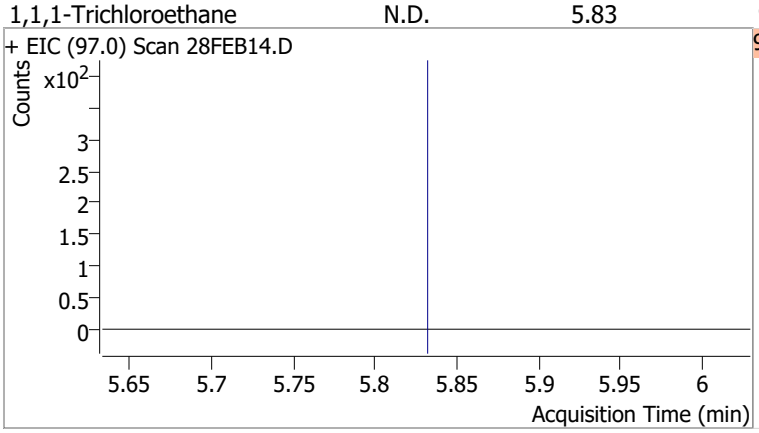


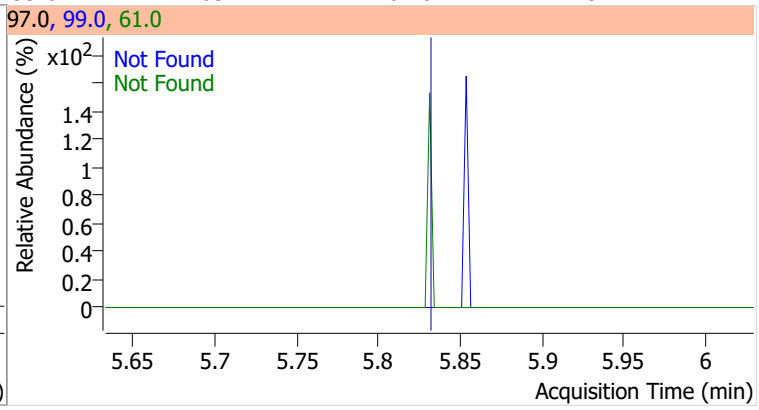
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



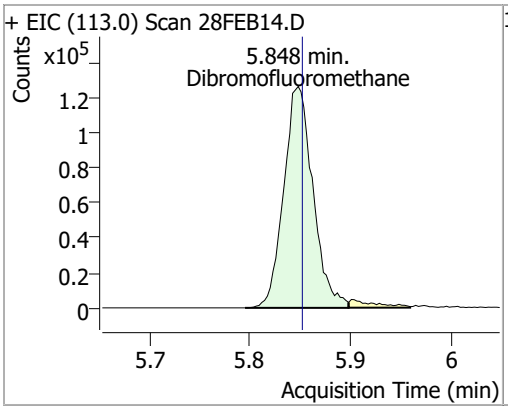


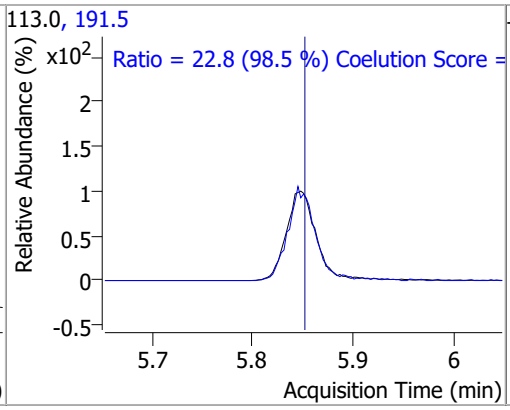
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

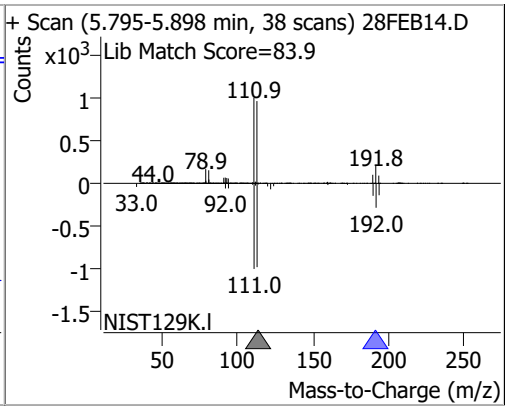




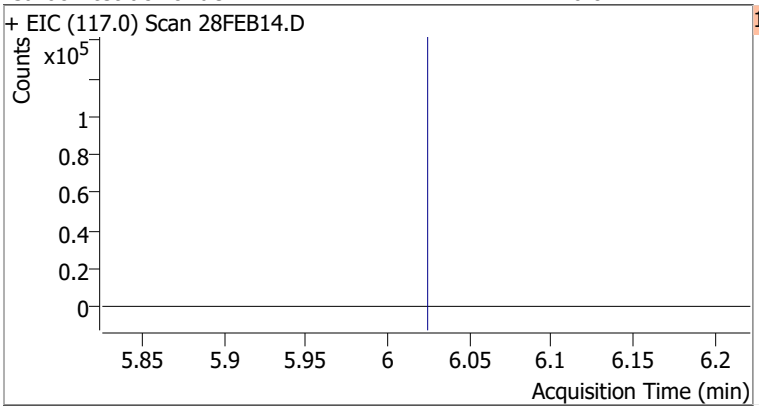
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	266.0936	5.85	0.00	255774	191.5	22.8	0.0	53.2

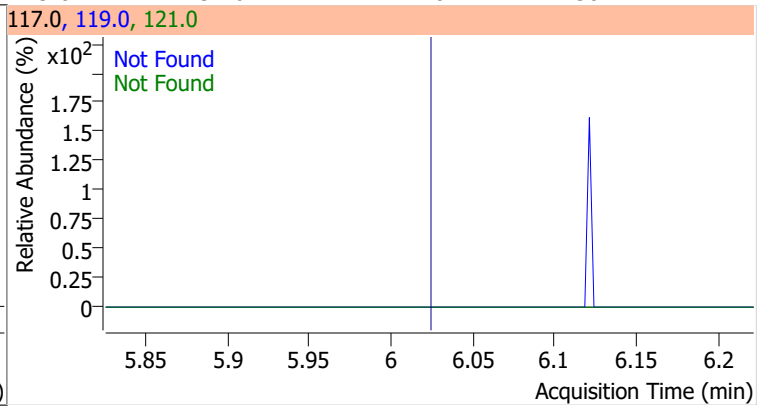




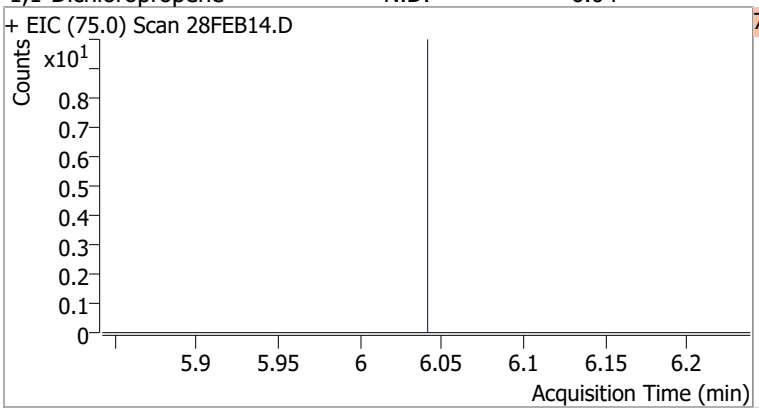


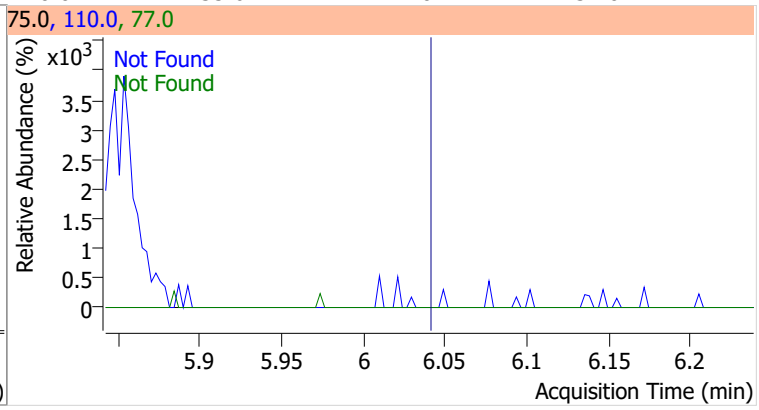
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



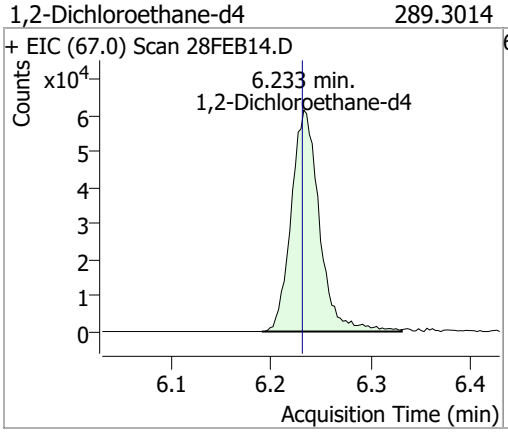


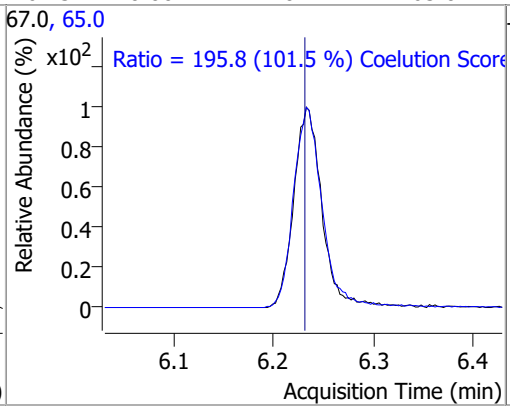
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

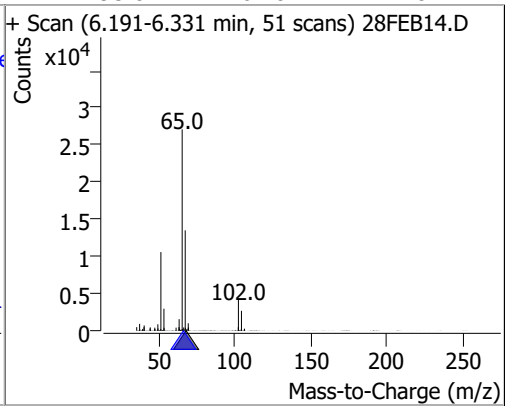




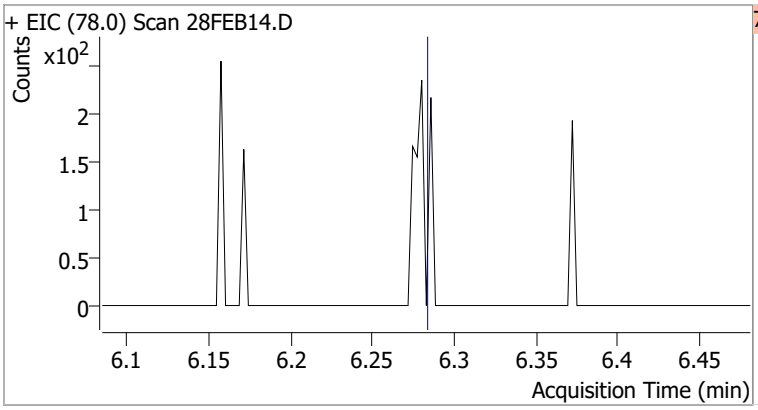
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	289.3014	6.23	0.00	120124	65.0	195.8	162.8	222.8

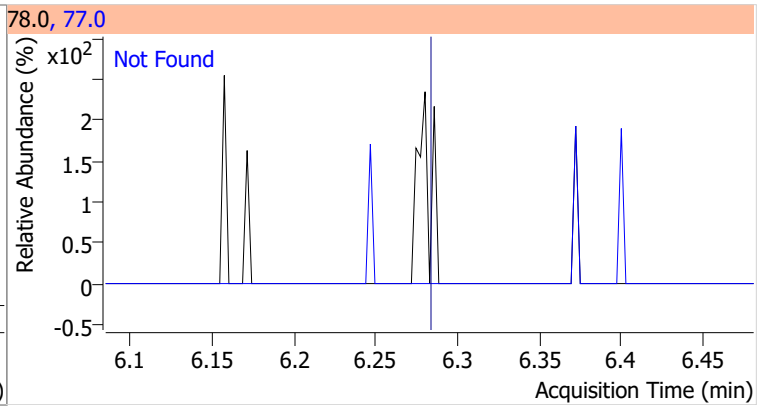




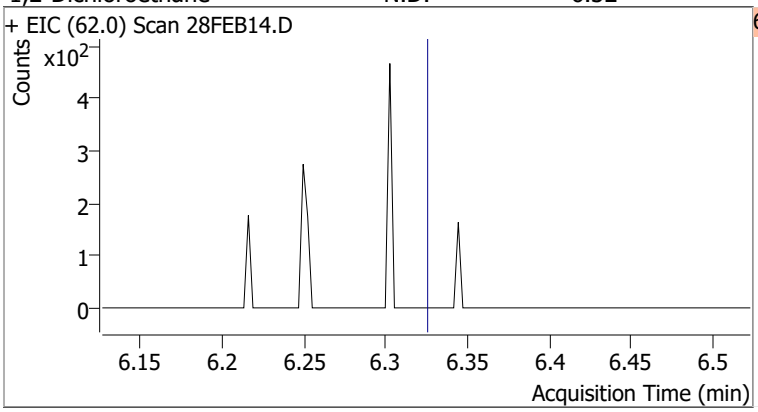


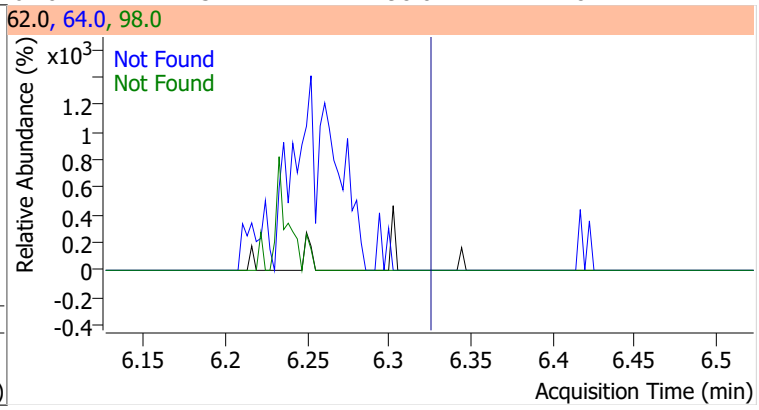
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



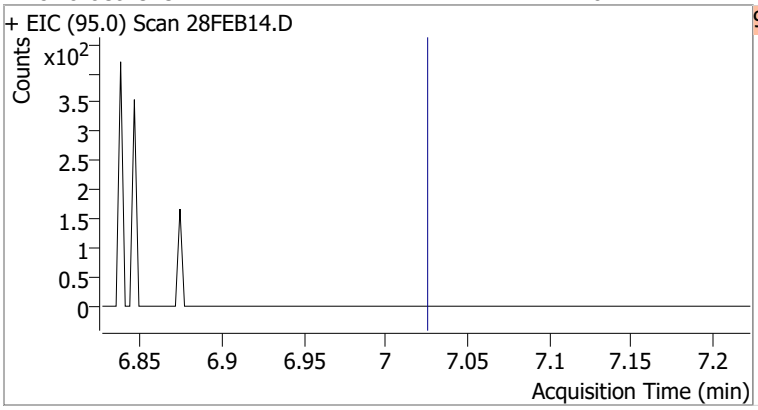


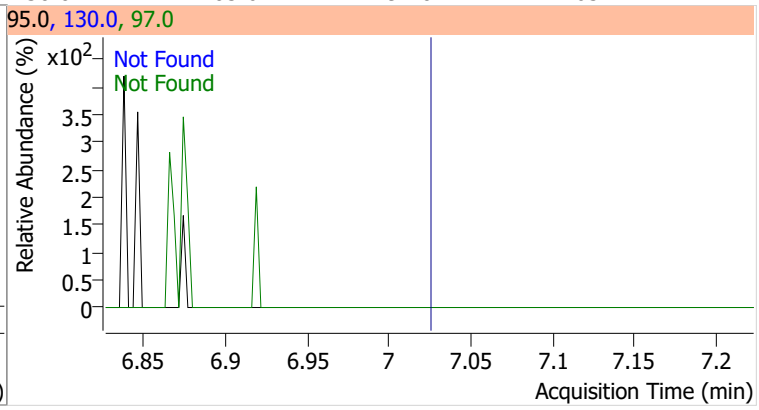
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



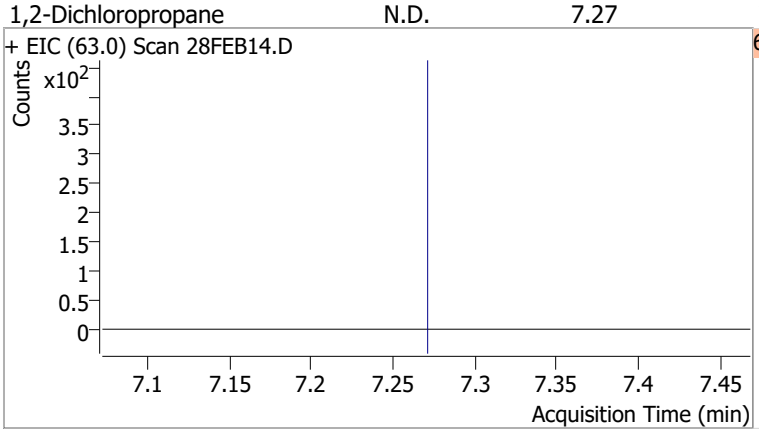


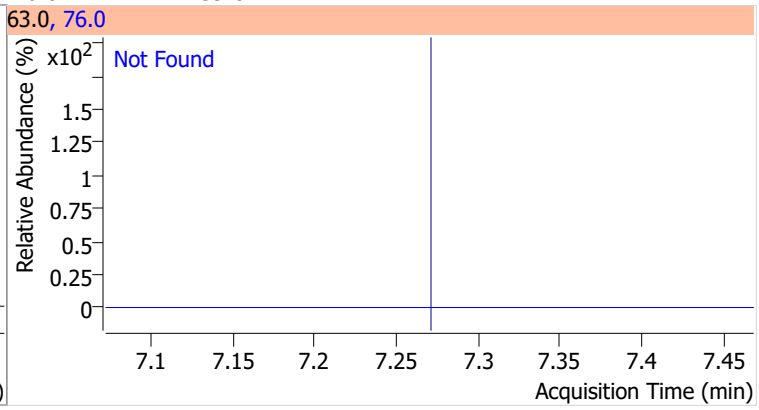
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



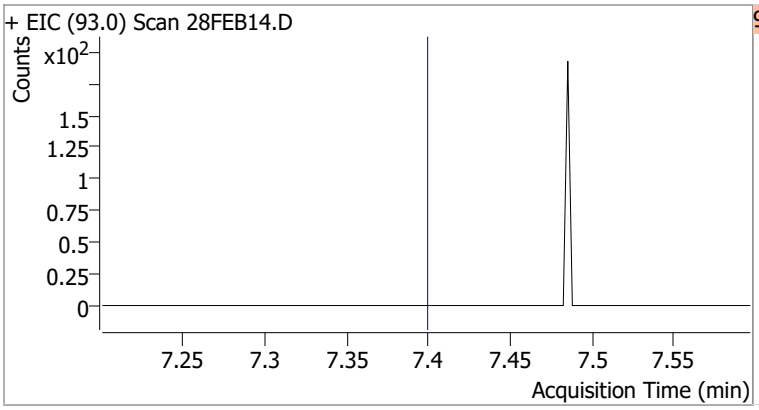


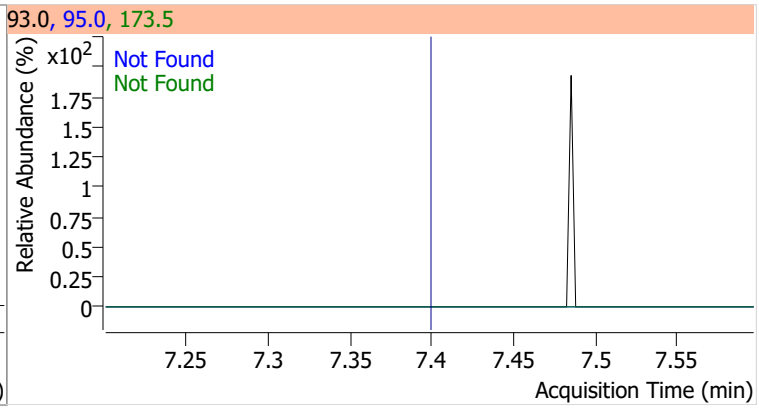
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



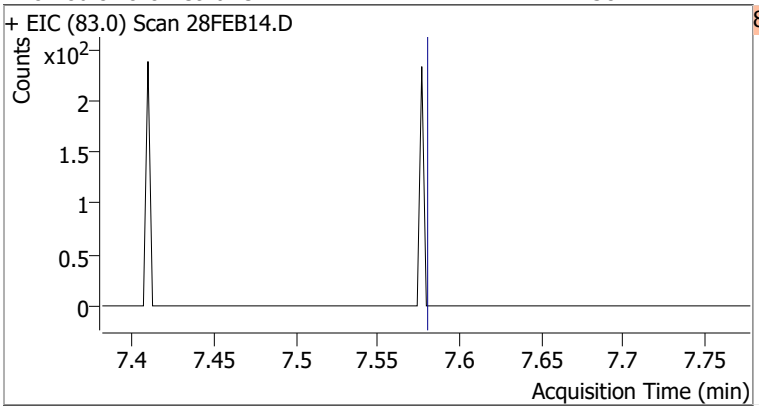


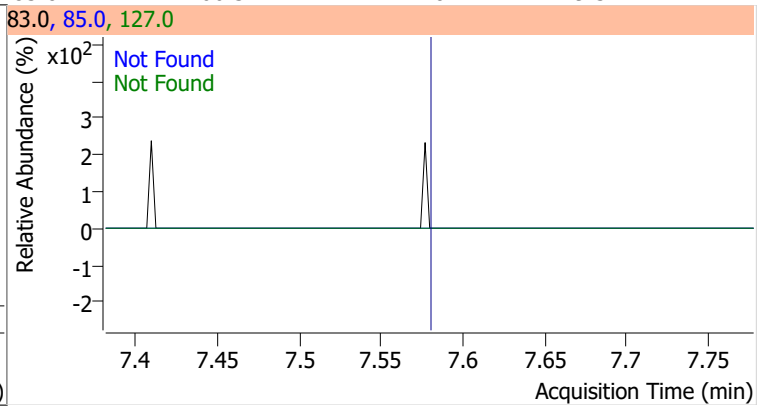
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



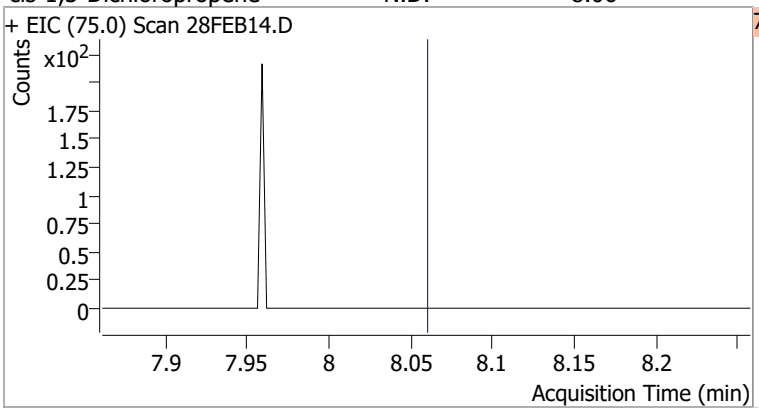


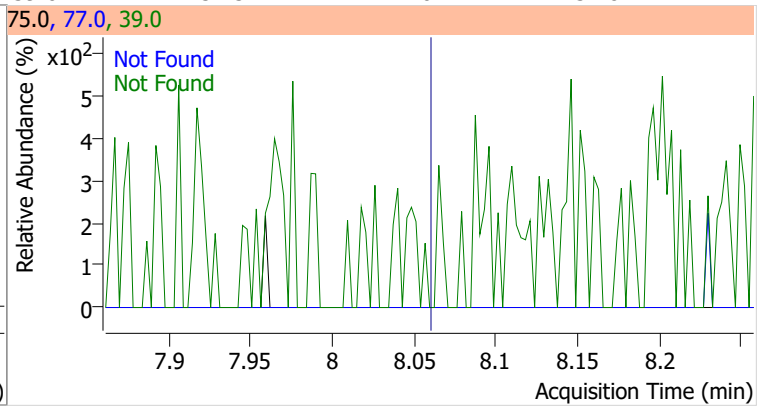
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



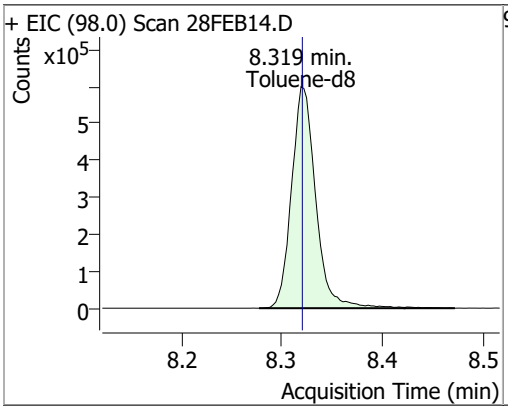


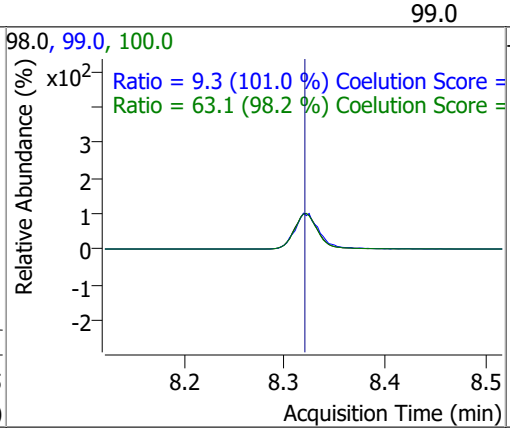
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

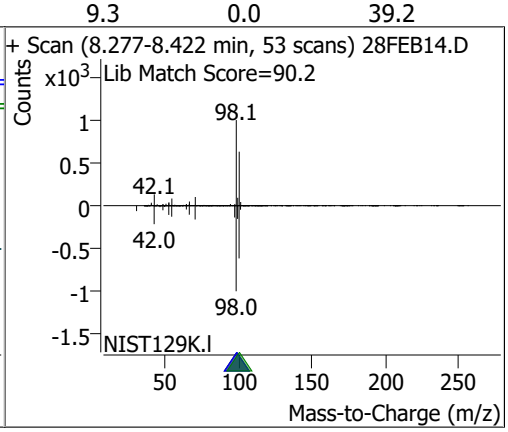




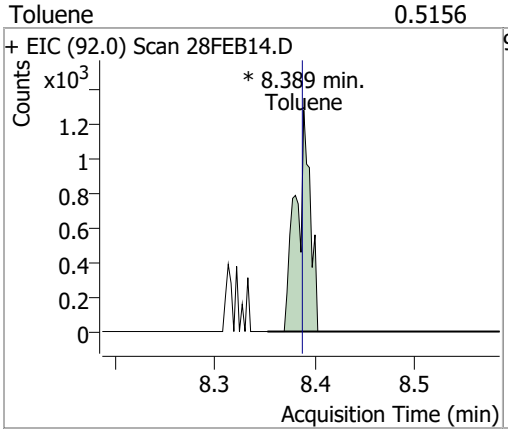
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	269.3059	8.32	0.00	1000464	100.0	63.1	34.3	94.3
					99.0	9.3	0.0	39.2

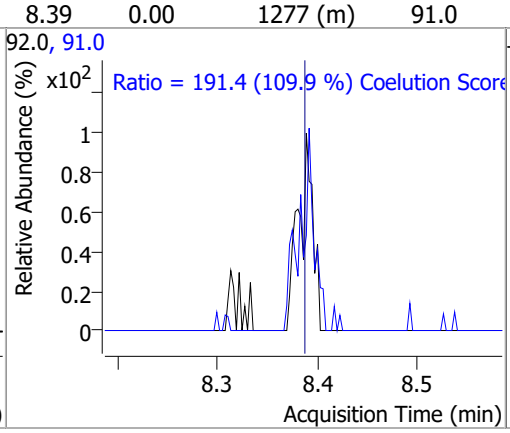


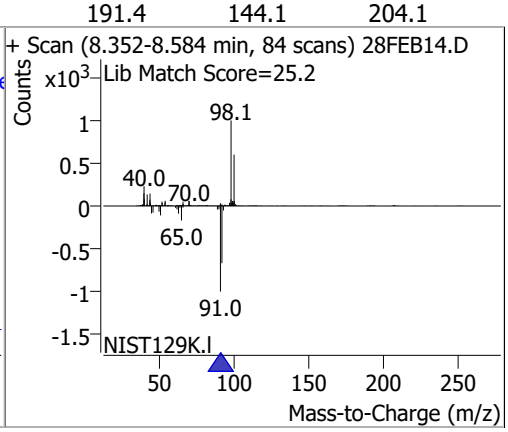




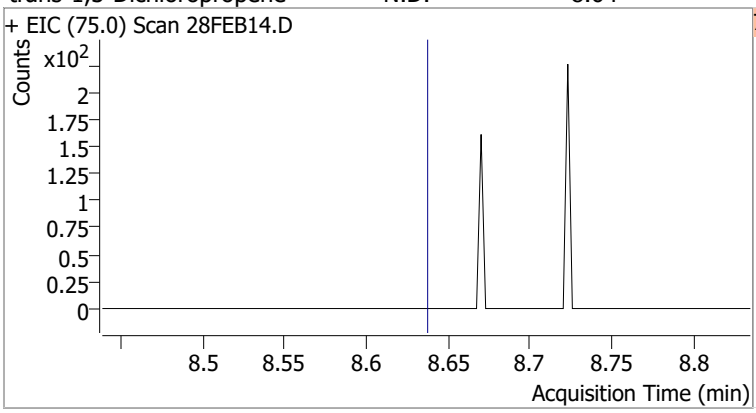
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.5156	8.39	0.00	1277 (m)	91.0	191.4	144.1	204.1

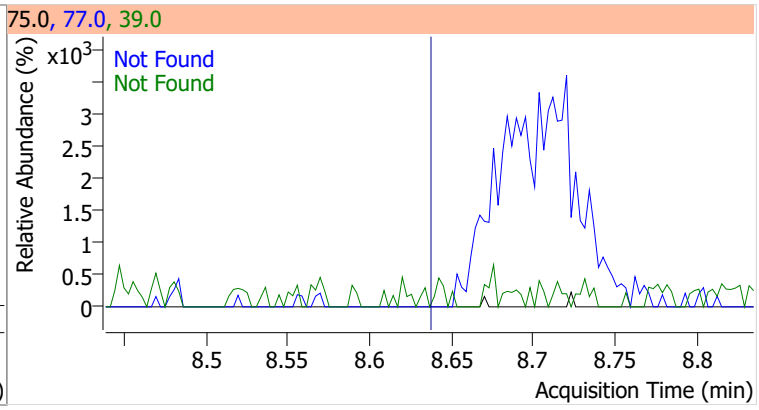




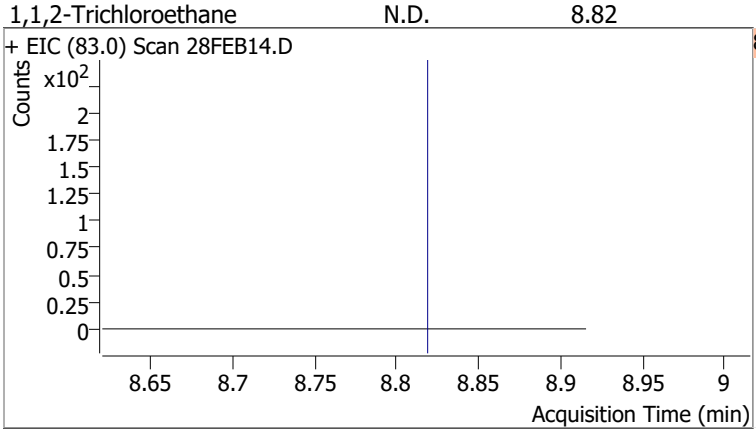


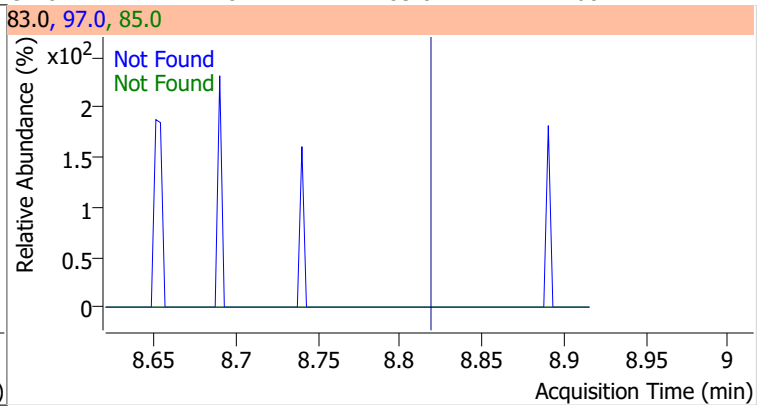
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



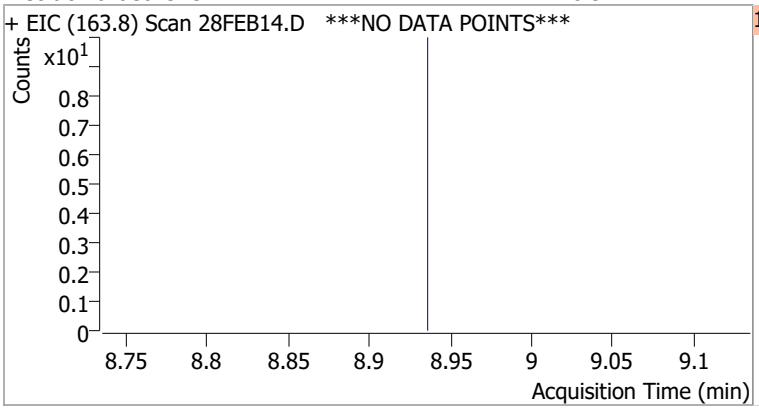


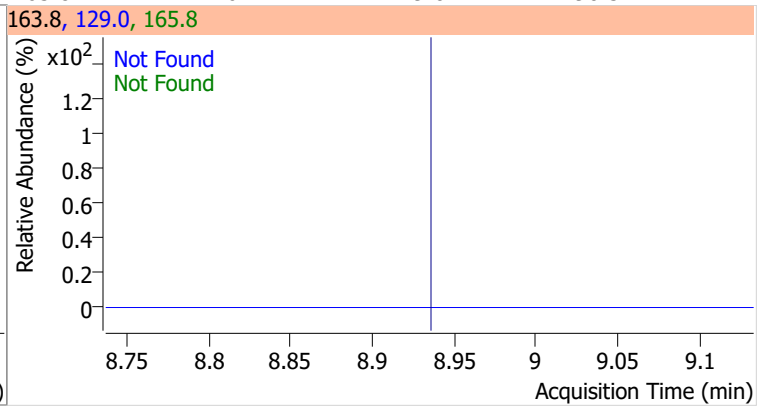
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



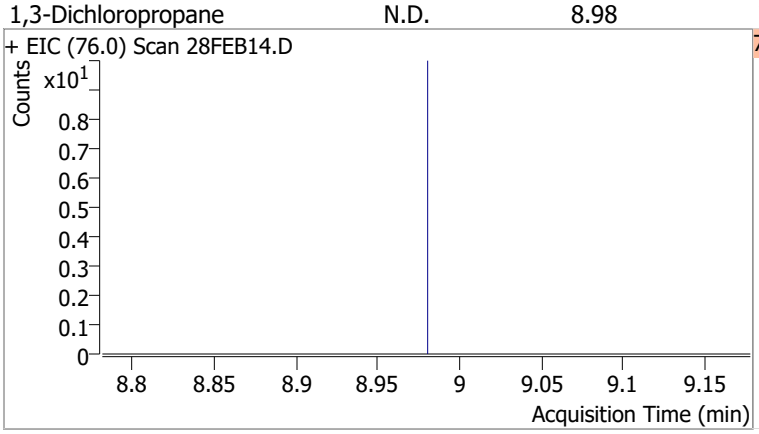


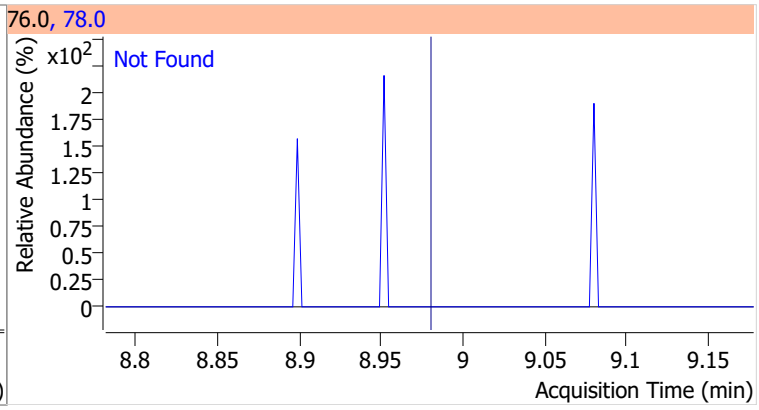
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



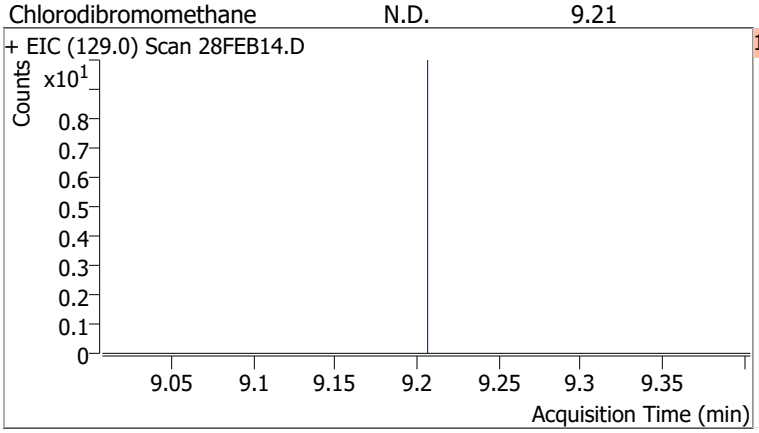


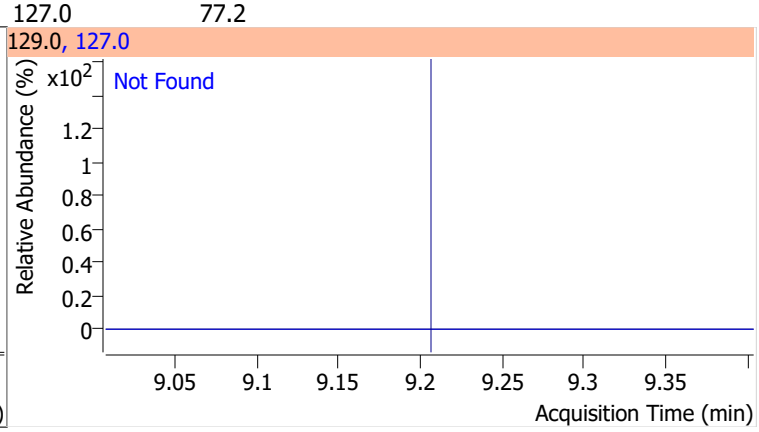
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



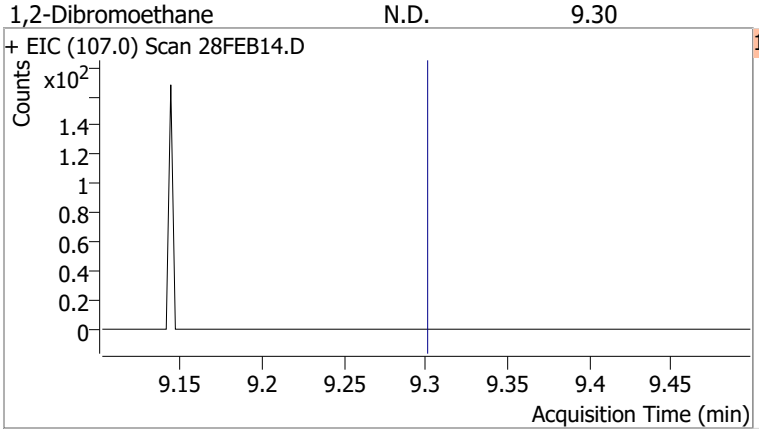


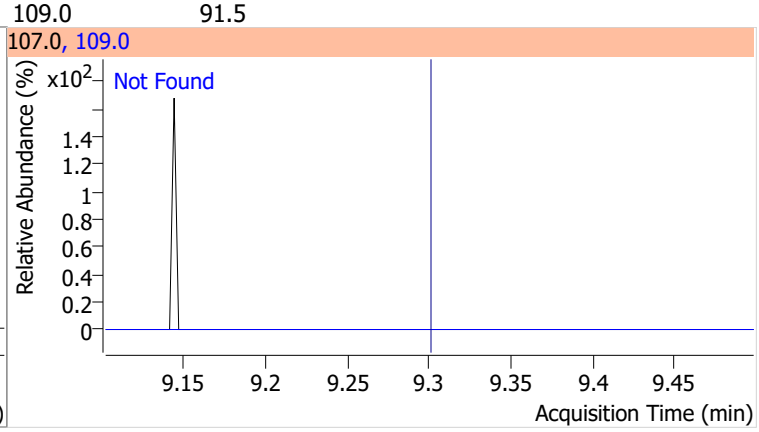
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



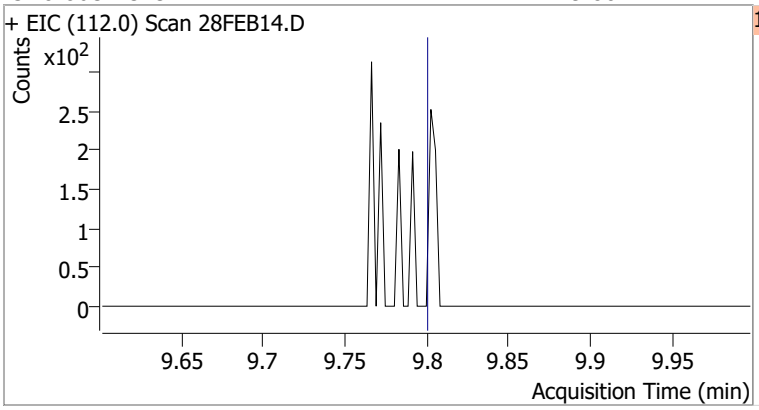


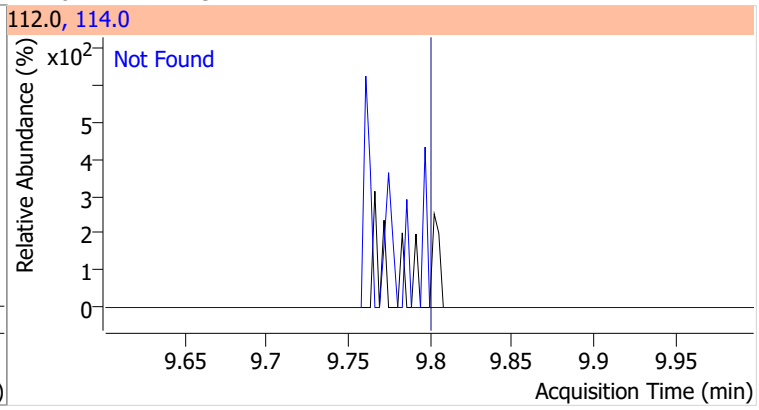
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



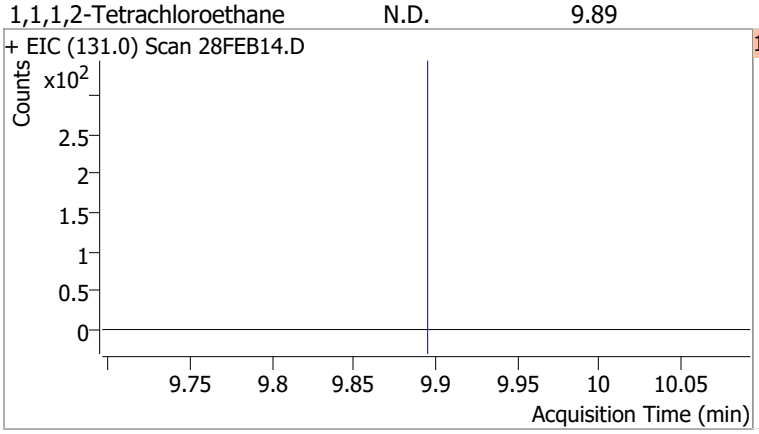


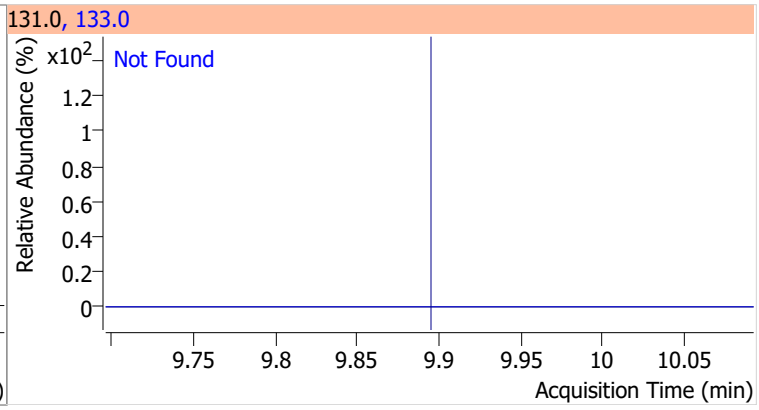
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



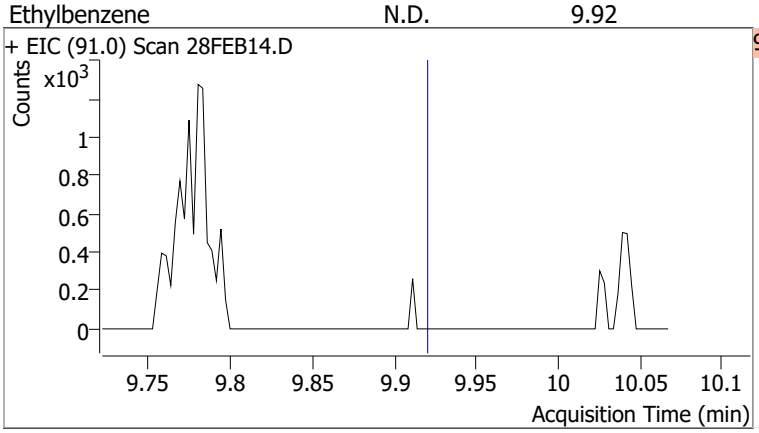


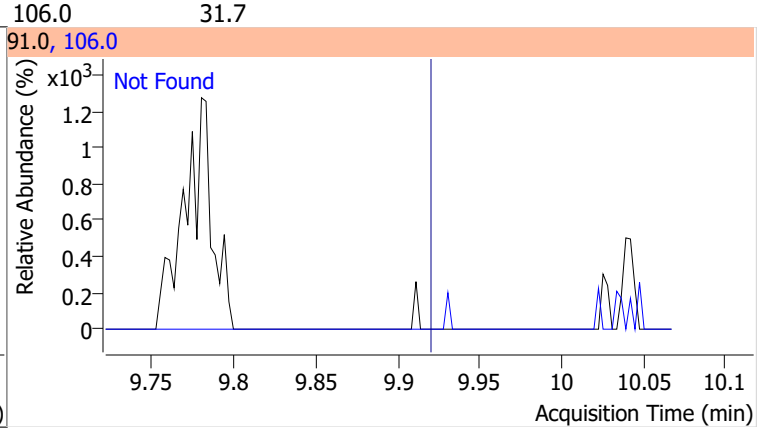
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



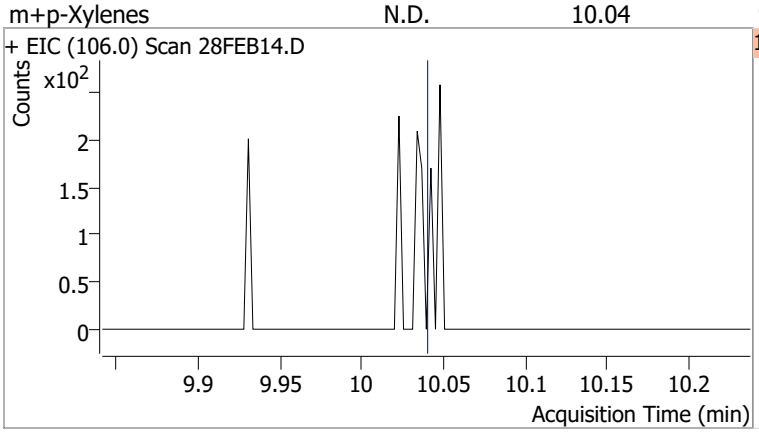


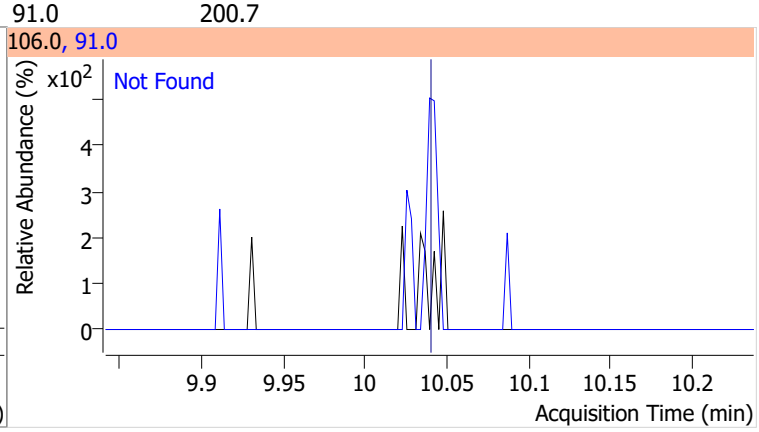
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



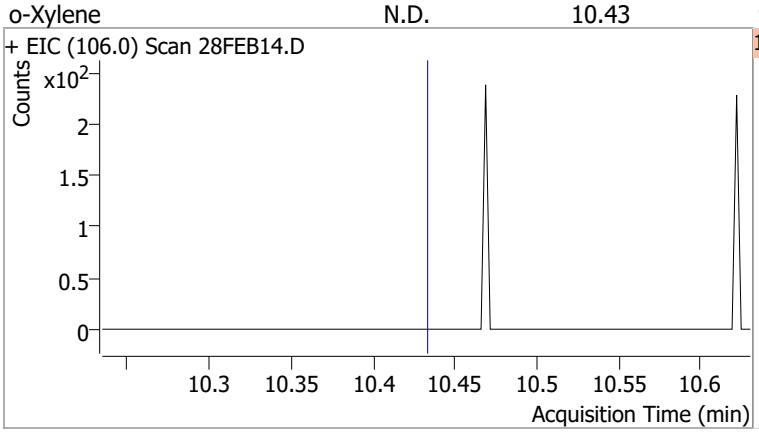


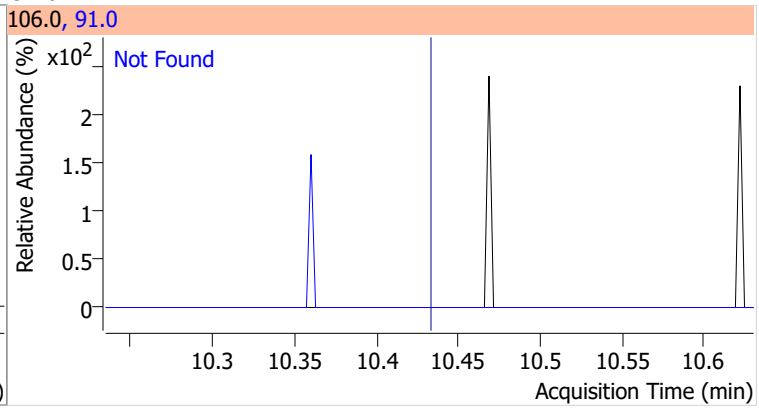
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



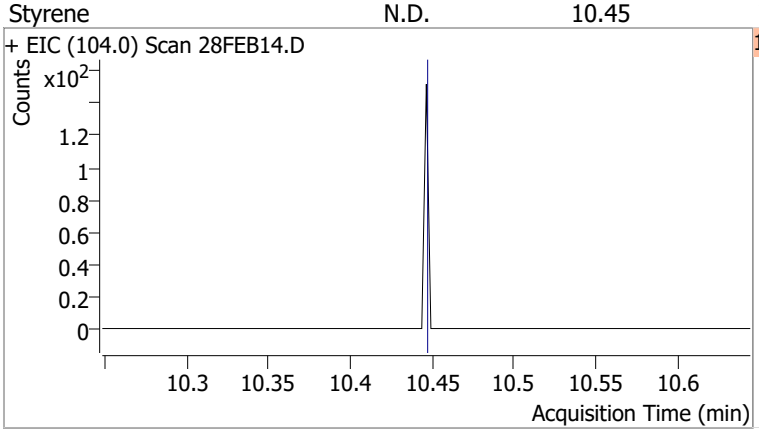


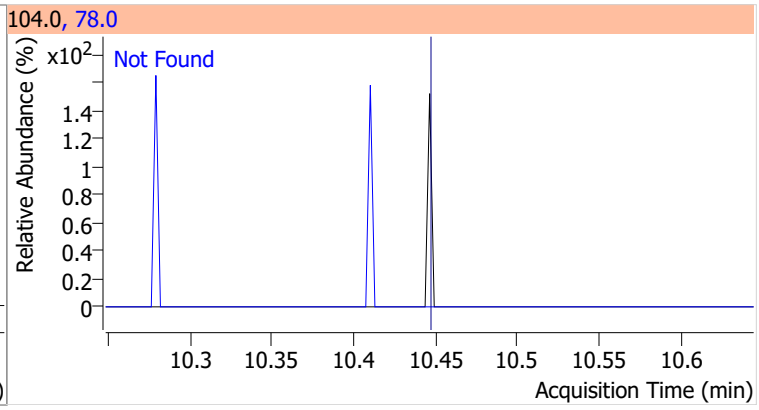
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



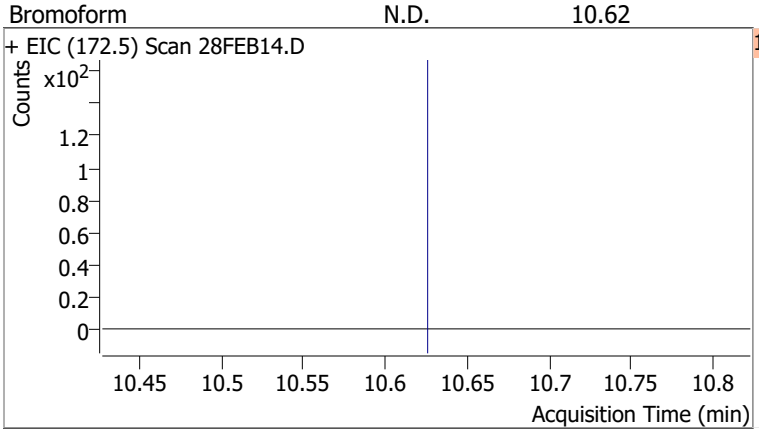


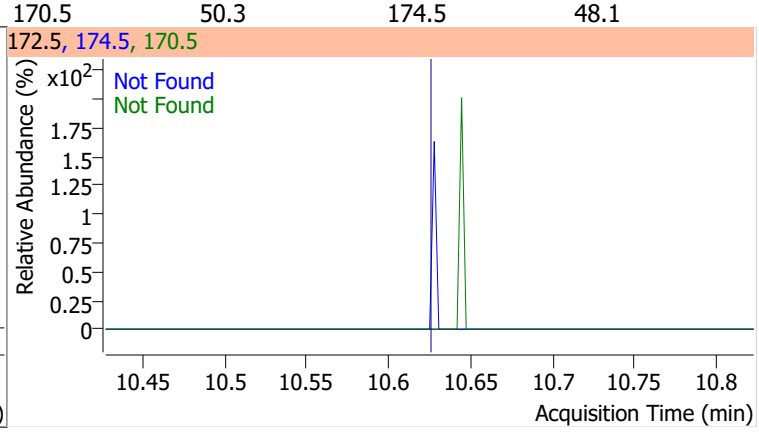
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



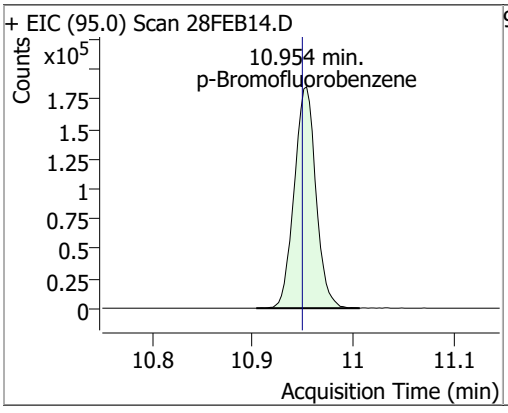


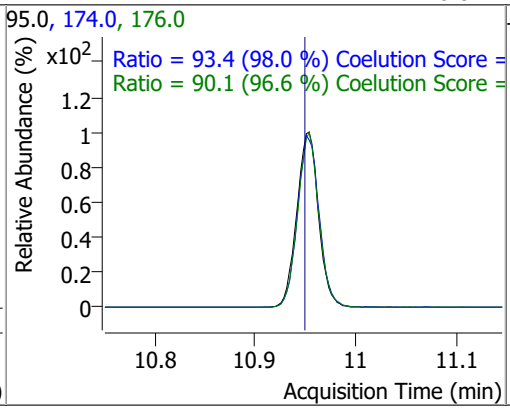
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

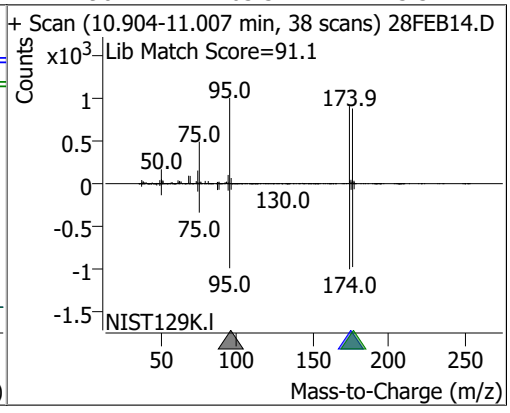




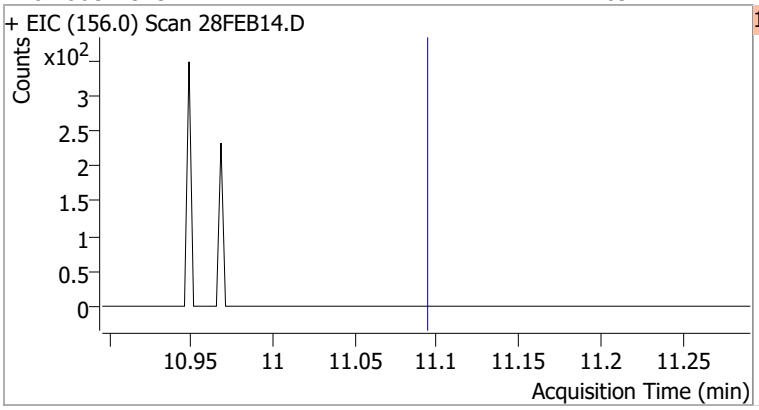
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	268.7631	10.95	0.01	278121	174.0	93.4	65.3	125.3
					176.0	90.1	63.3	123.3

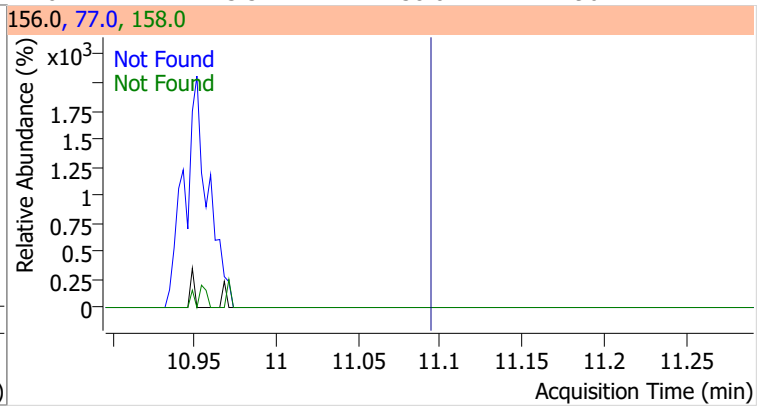




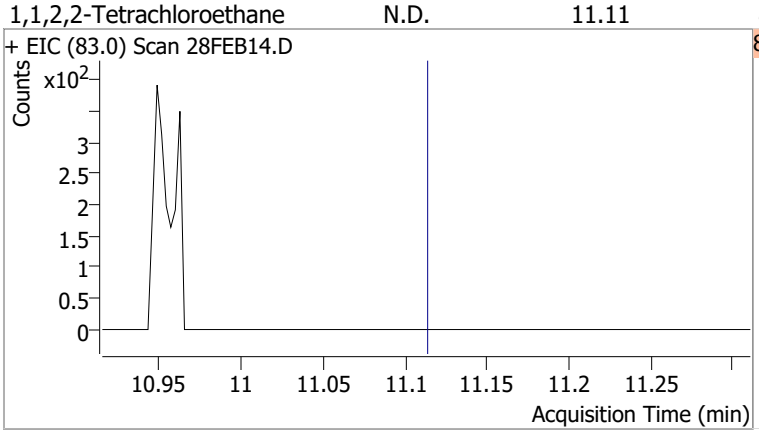


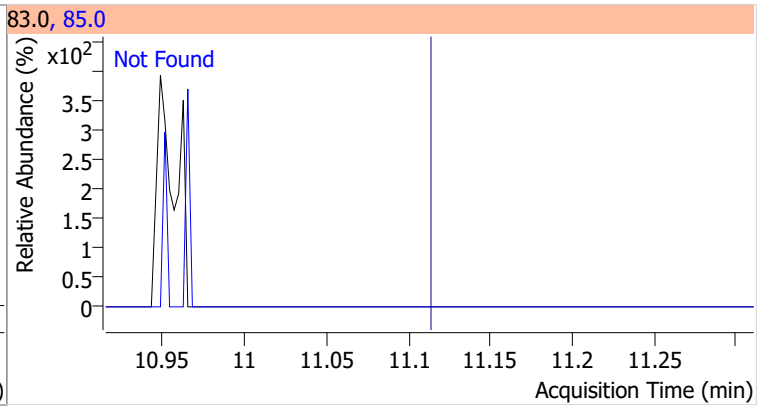
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



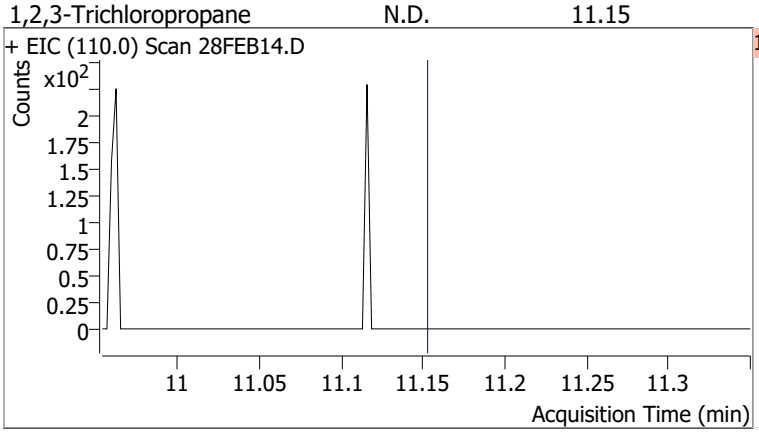


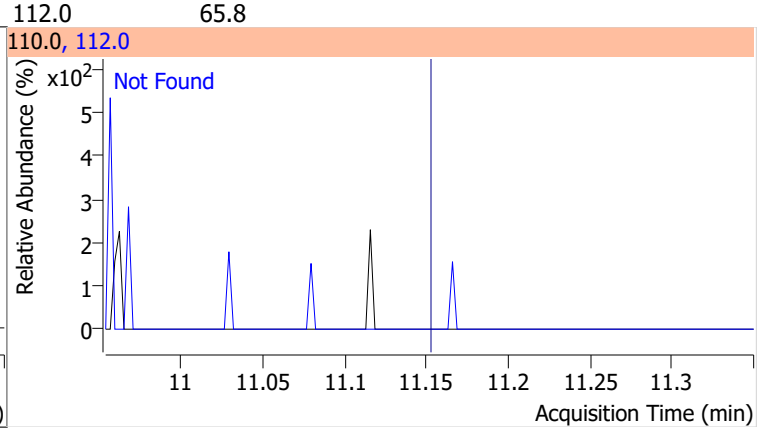
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



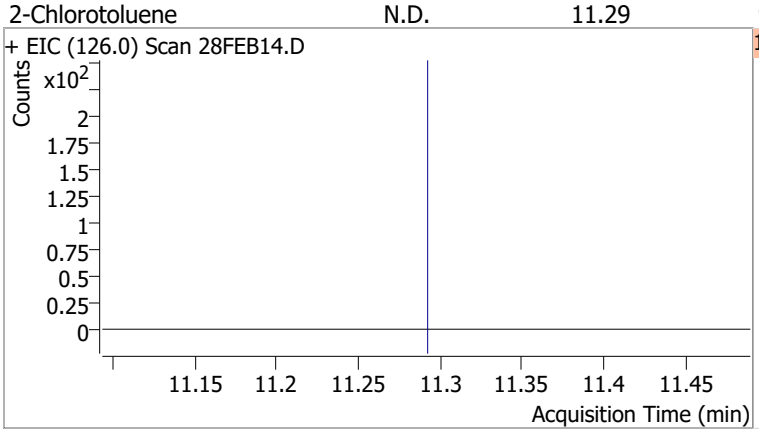


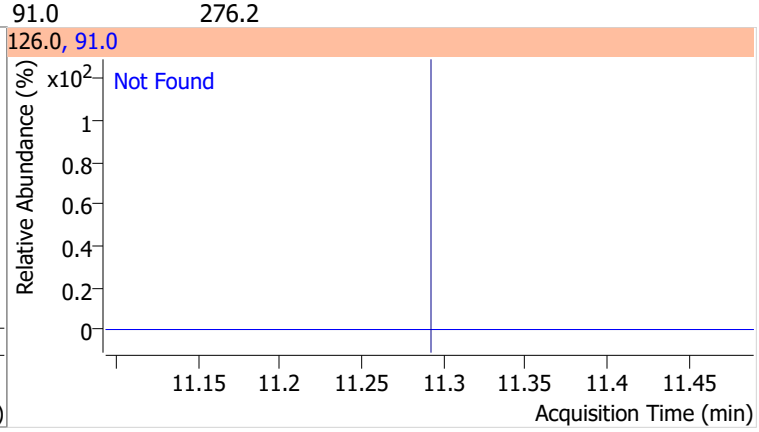
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



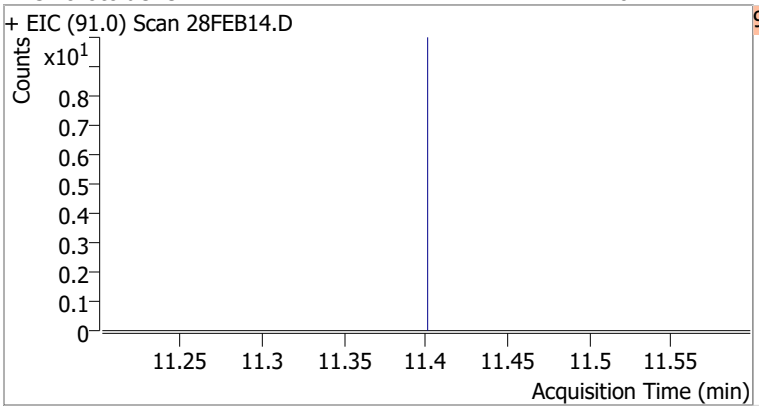


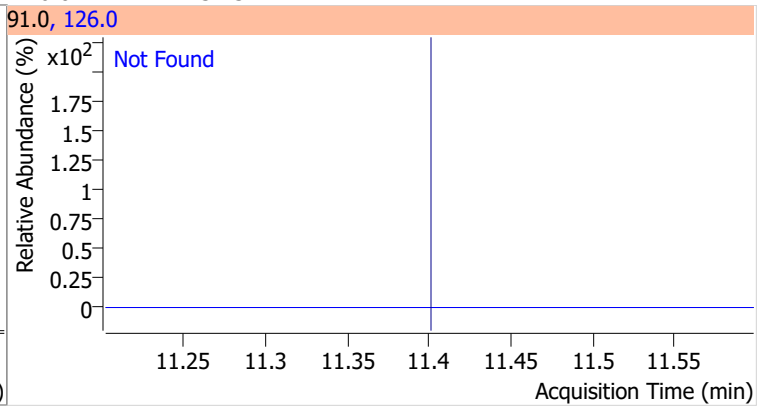
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



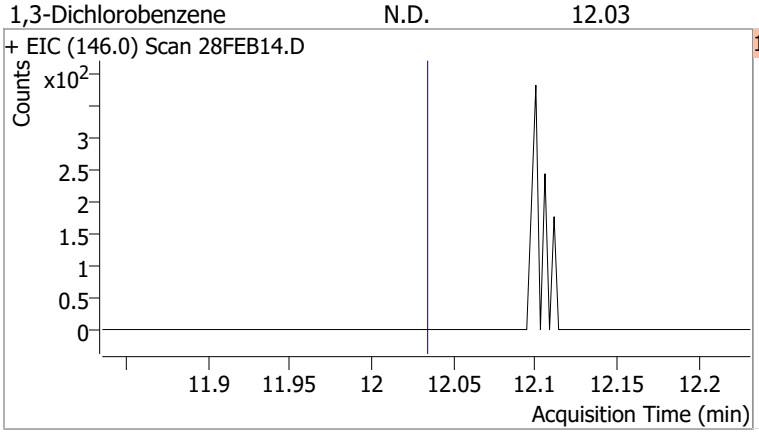


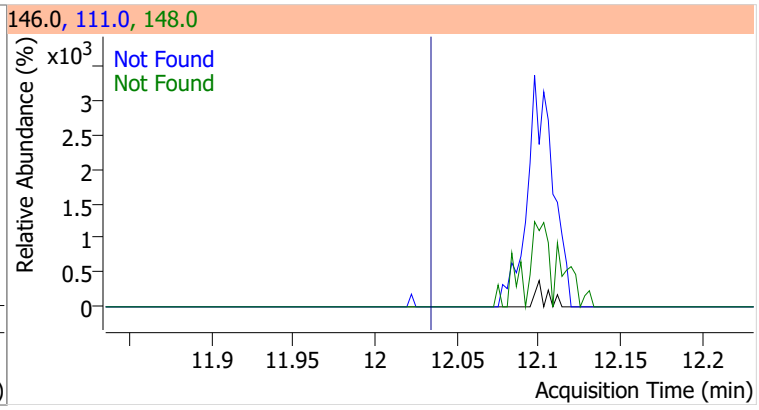
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



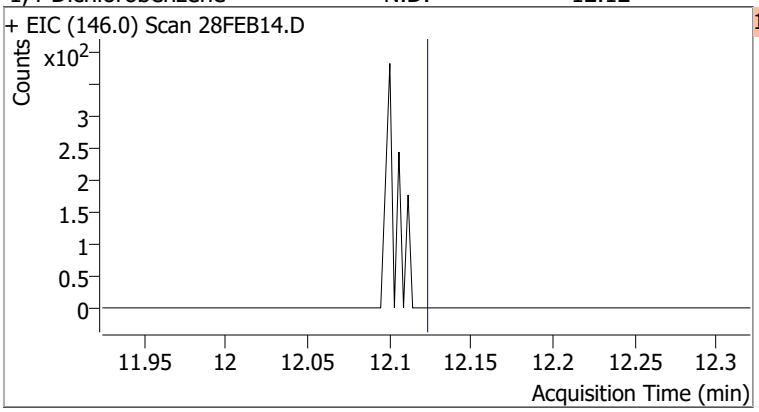


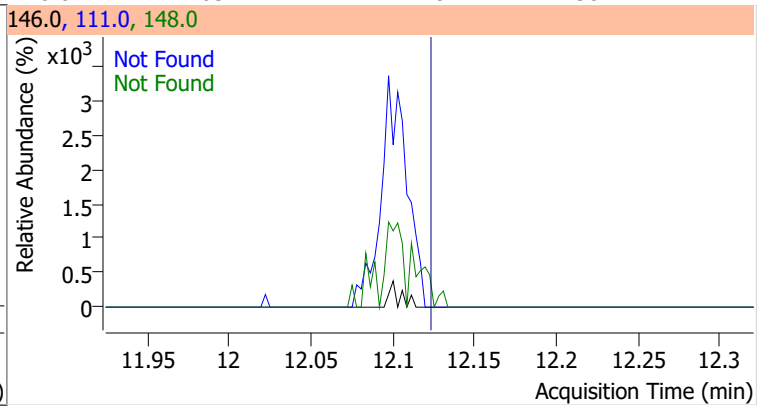
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



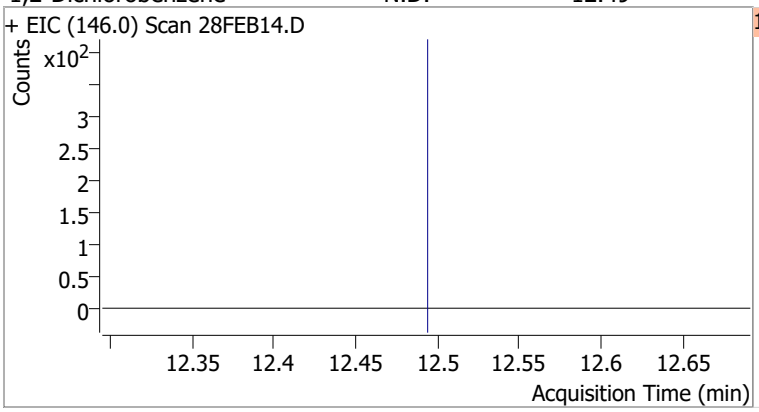


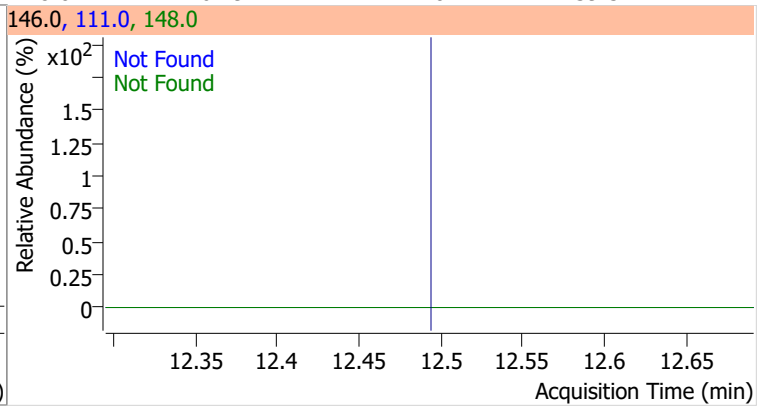
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





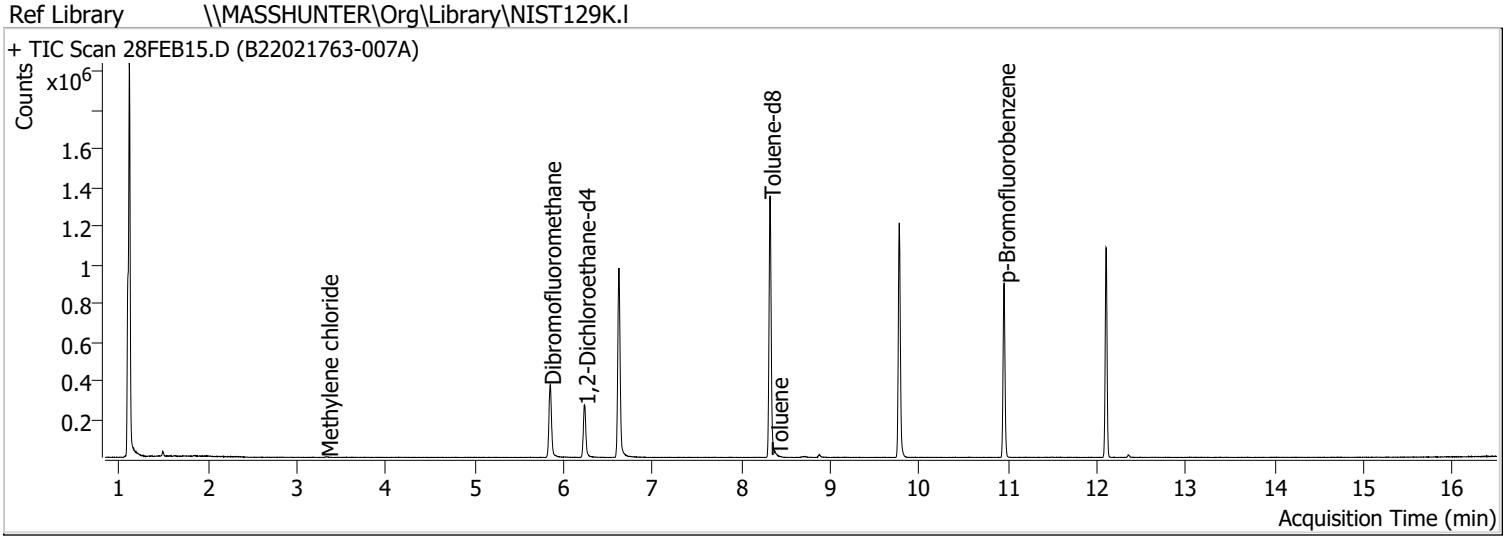
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB15.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 4:46:36 PM
Sample Name	B22021763-007A	Instrument	VOA5975C
Vial	15	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

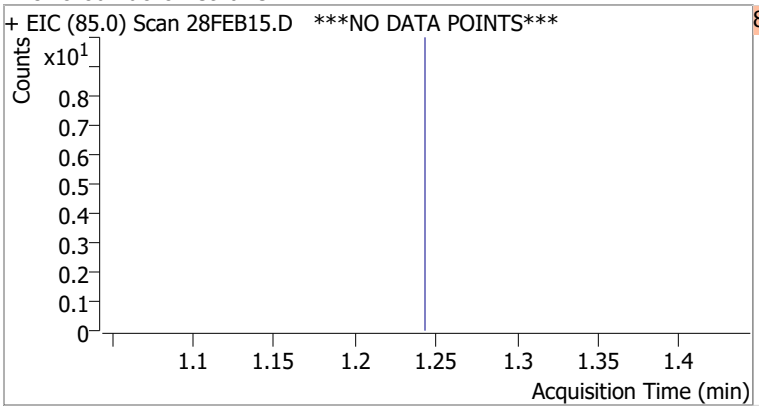


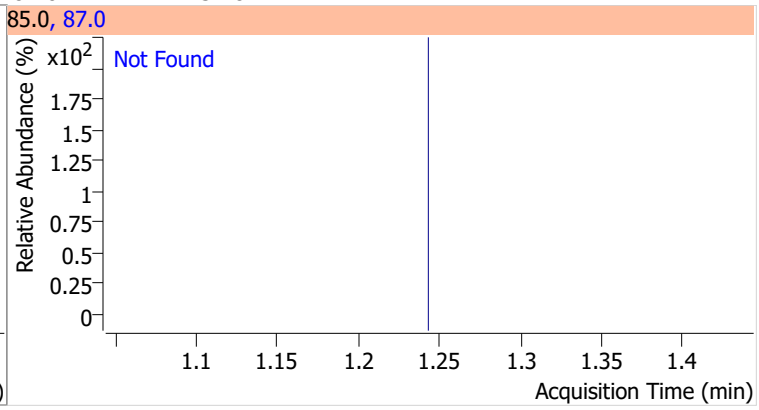
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	854857	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	339640	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	258880	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	228280	275.7007	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 110.28%			
S 1,2-Dichloroethane-d4	6.233	67.0	100474	280.9095	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 112.36%			
S Toluene-d8	8.319	98.0	866604	261.5362	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.61%			
S p-Bromofluorobenzene	10.954	95.0	244823	256.1325	ng		0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.45%			
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	2054	1.6437	ng	m	82
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	8.402	92.0	2036	0.9220	ng	m	82
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.			

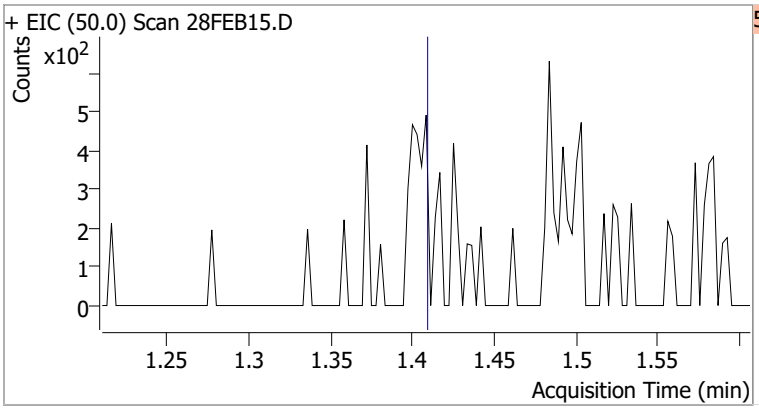
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

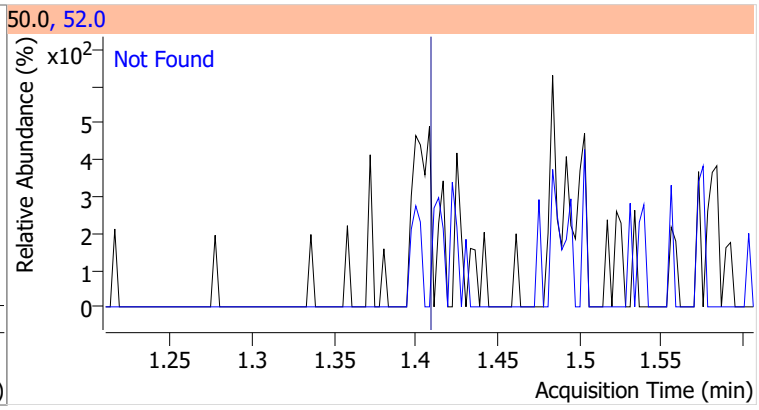
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



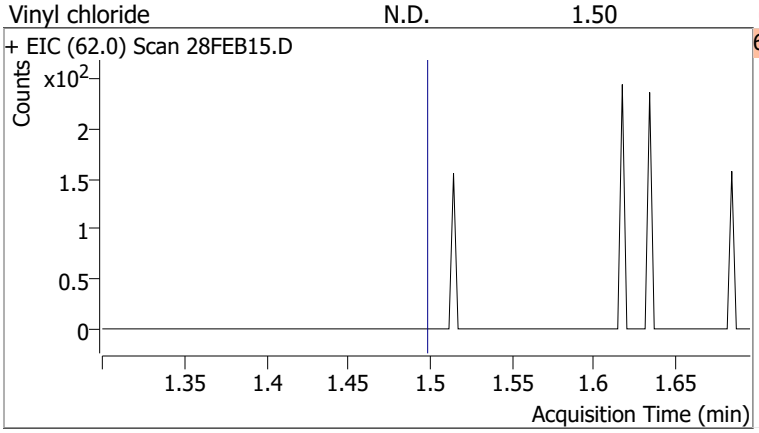


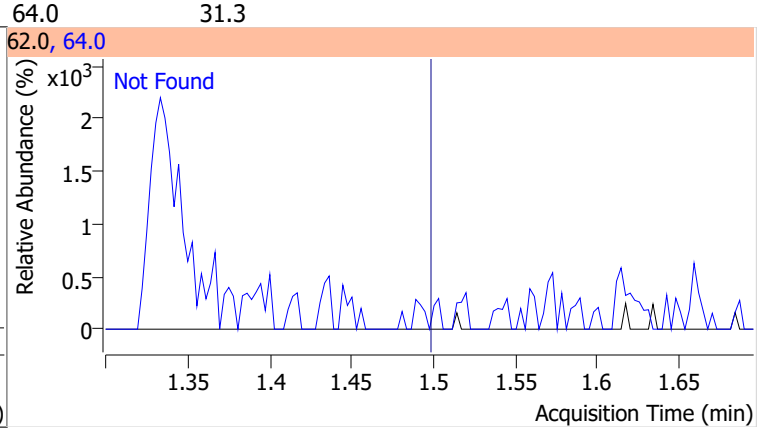
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



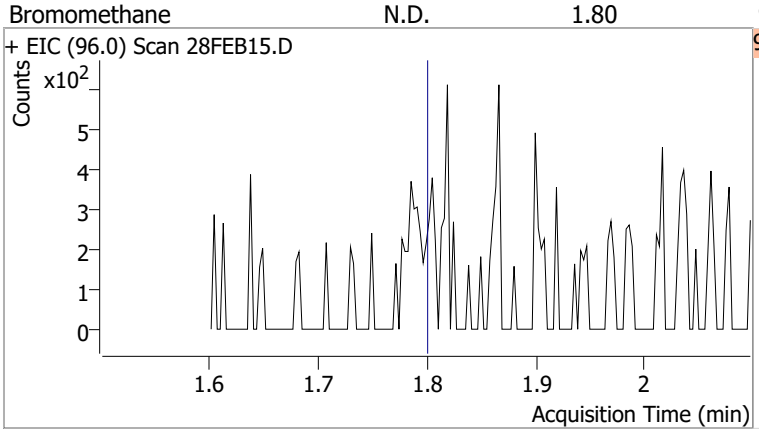


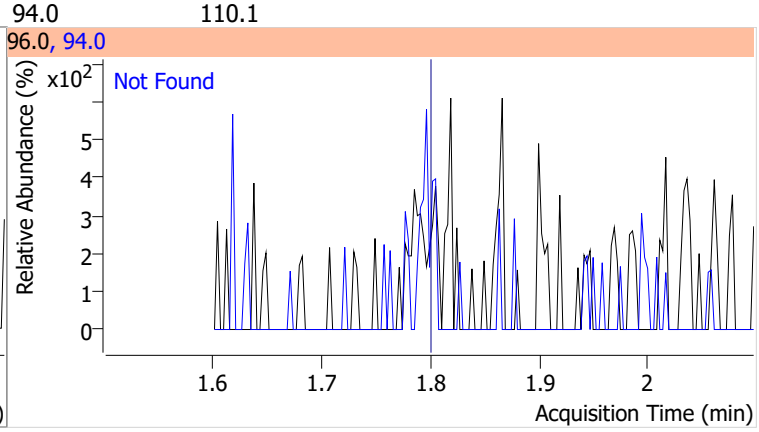
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



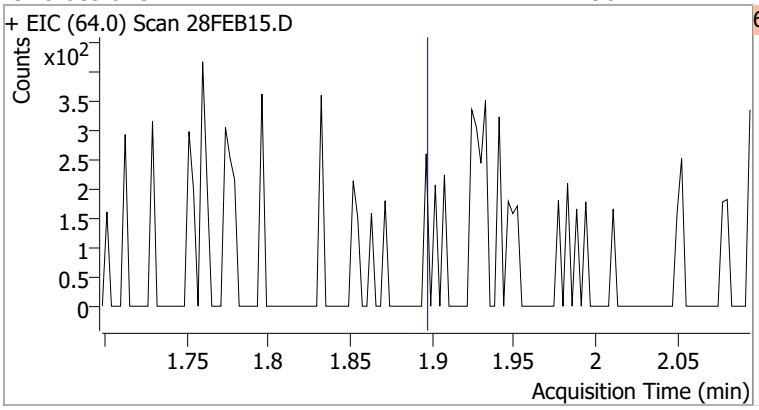


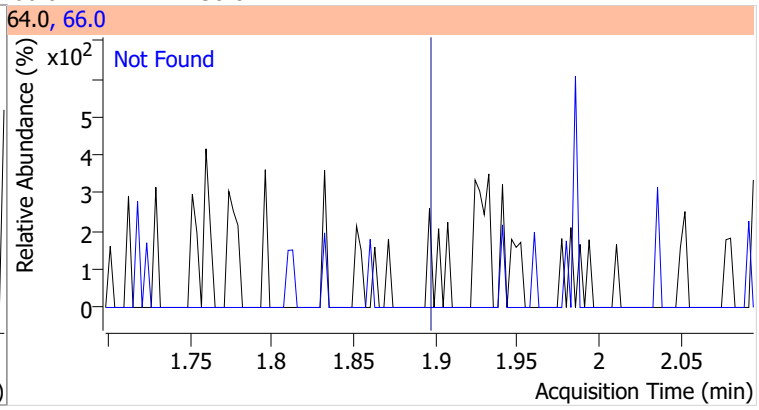
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



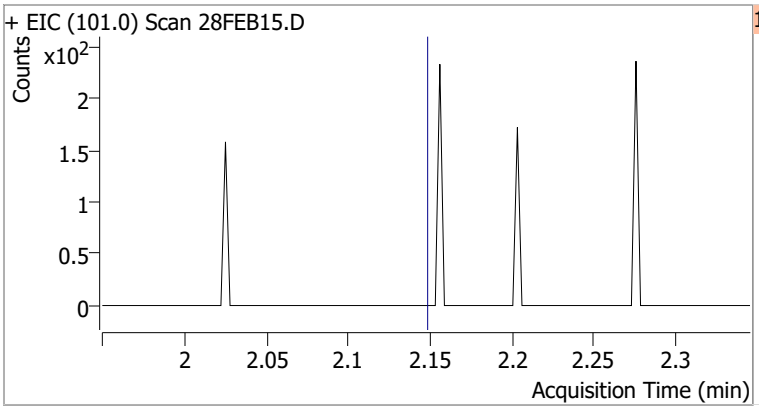


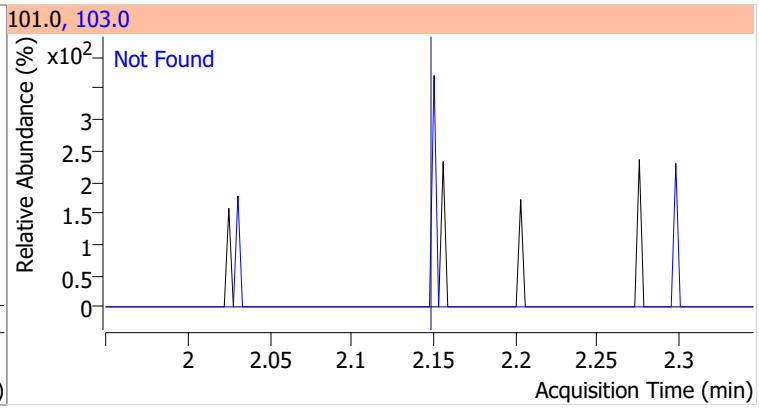
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



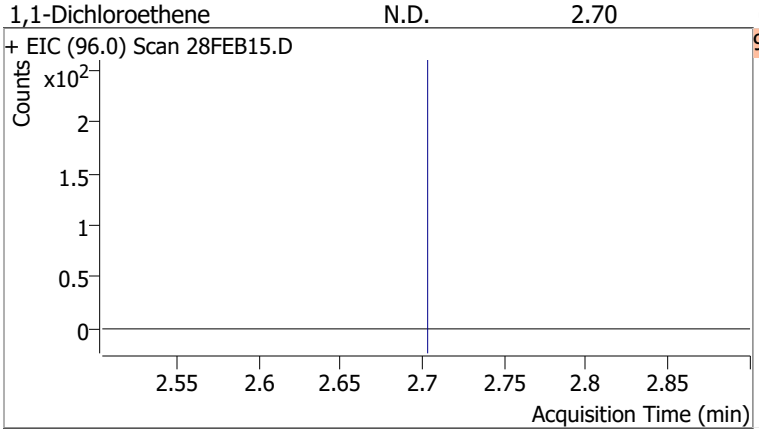


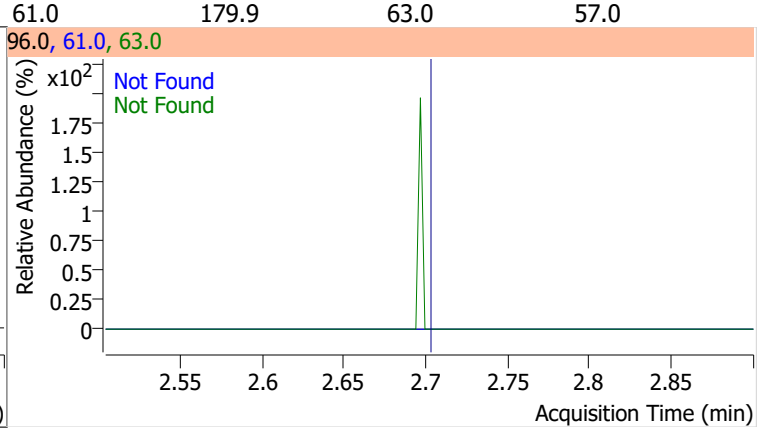
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



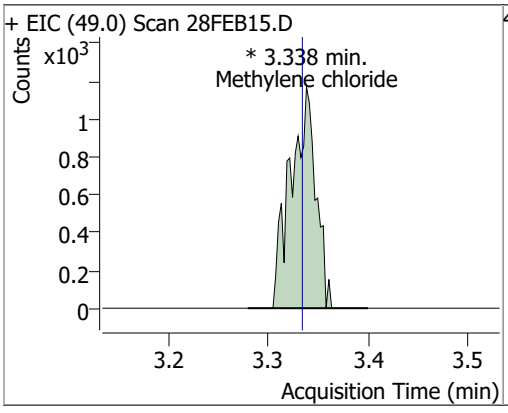


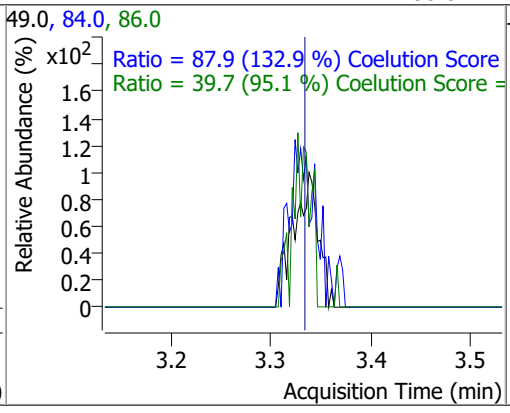
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

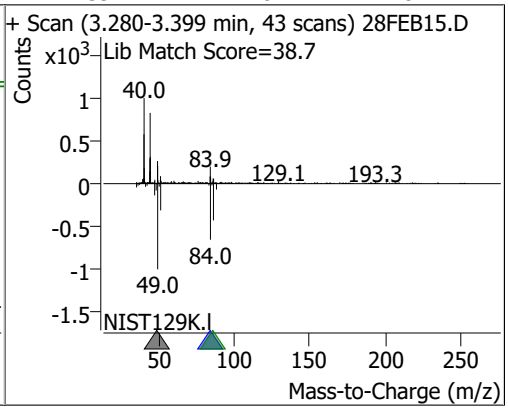




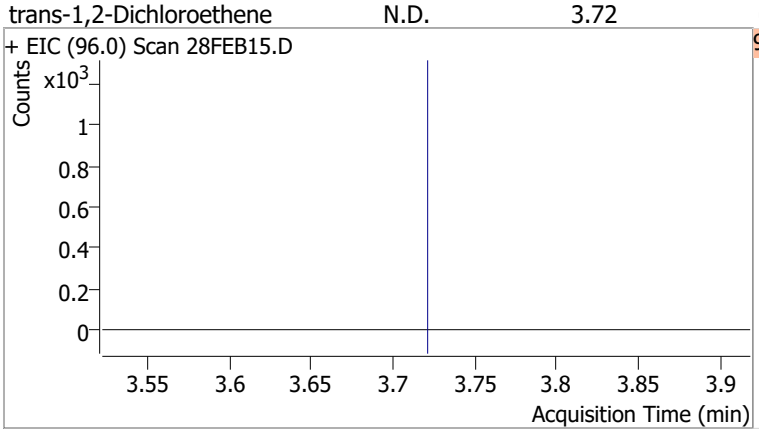
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.6437	3.34	0.01	2054 (m)	84.0	87.9	36.1	96.1
					86.0	39.7	11.8	71.8

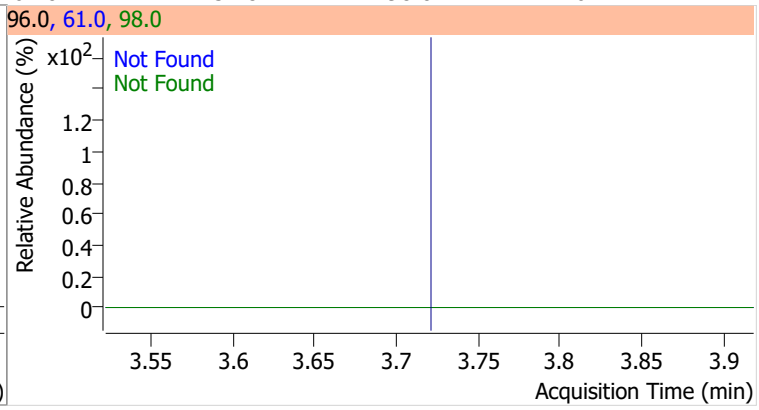




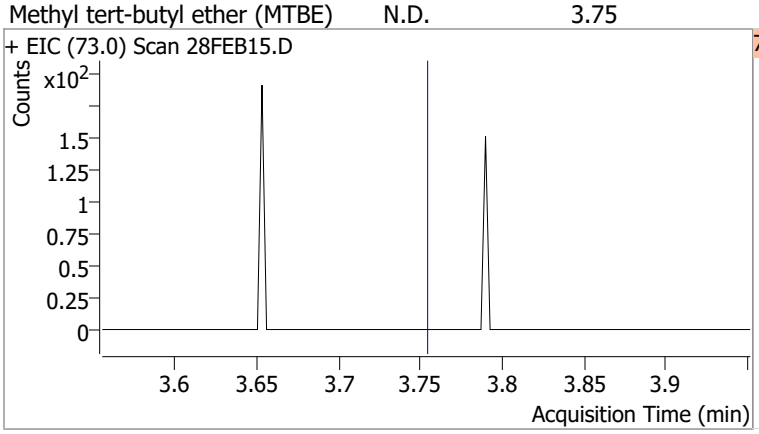


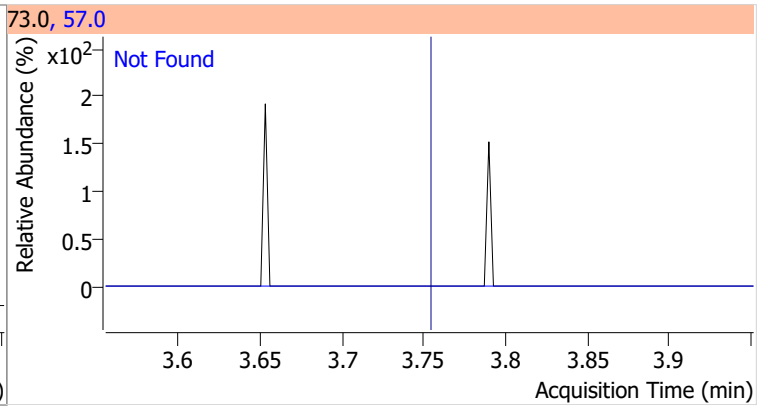
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



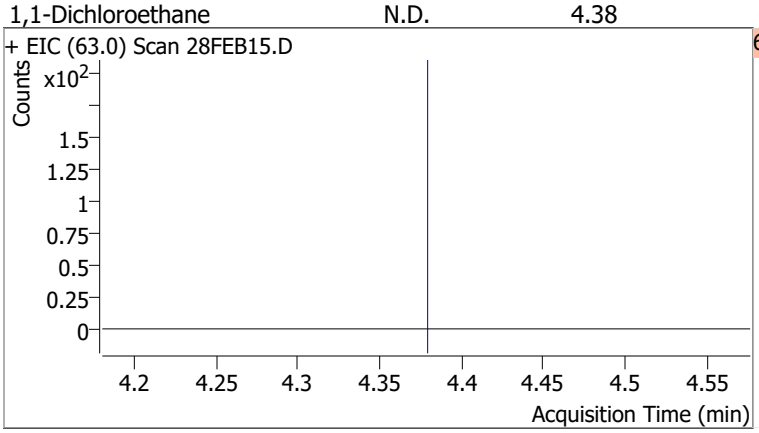


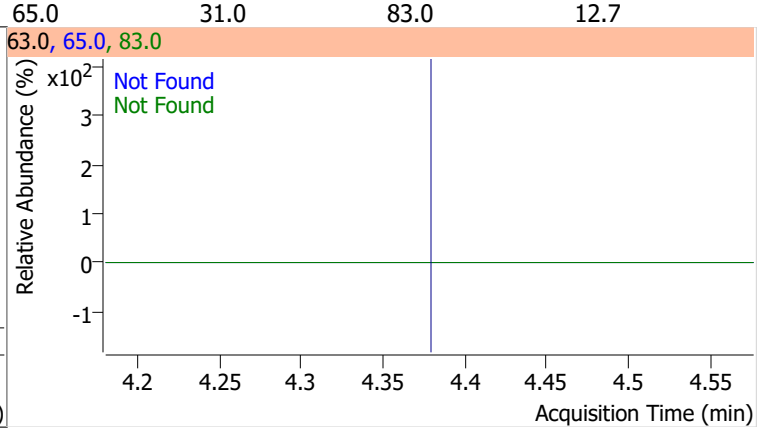
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



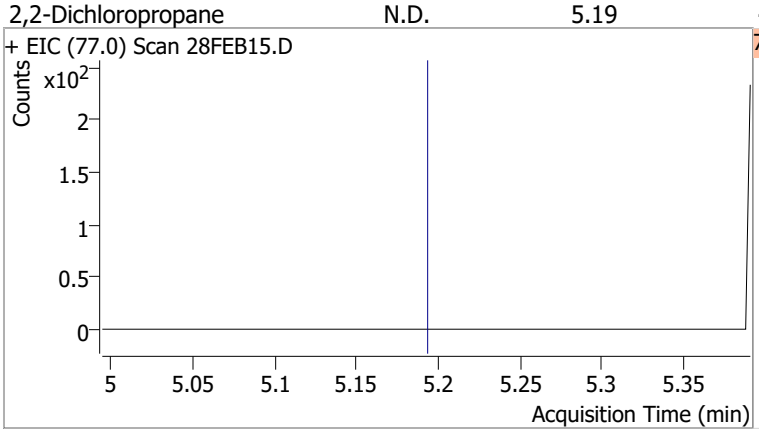


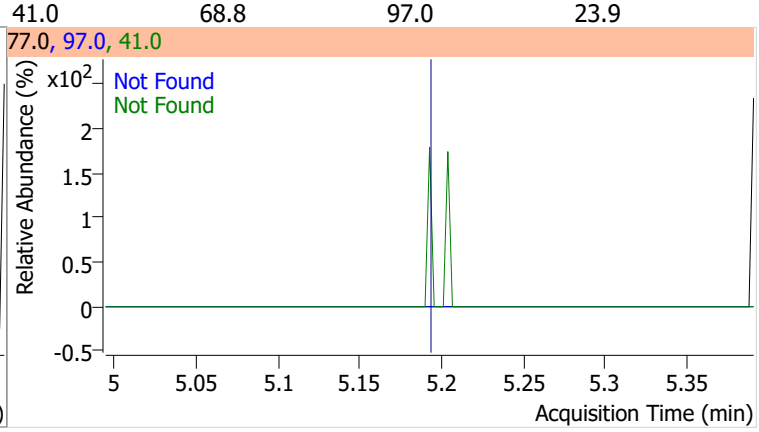
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



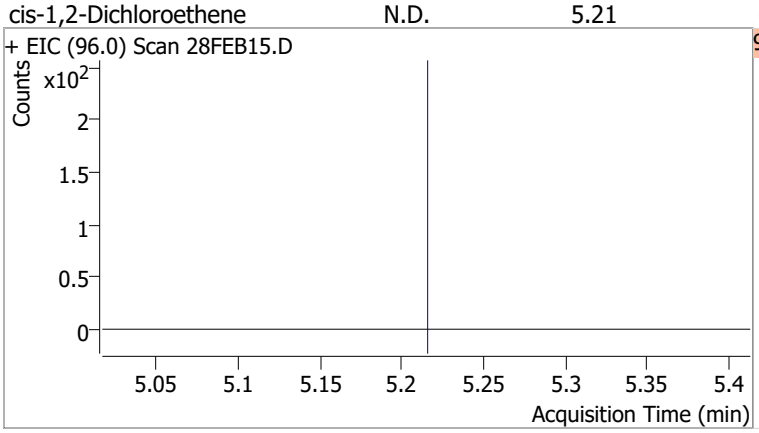


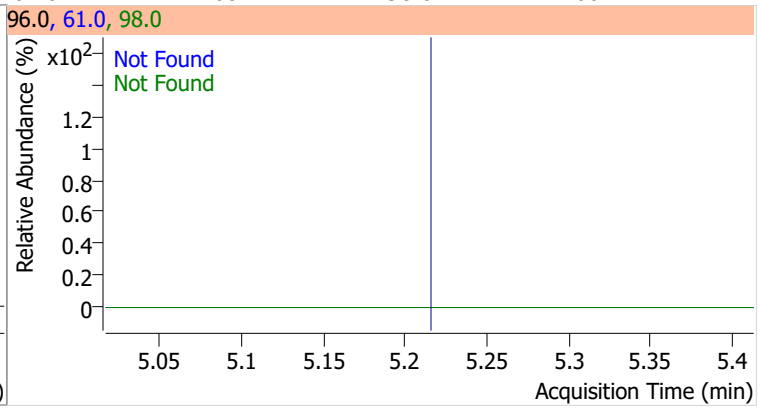
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



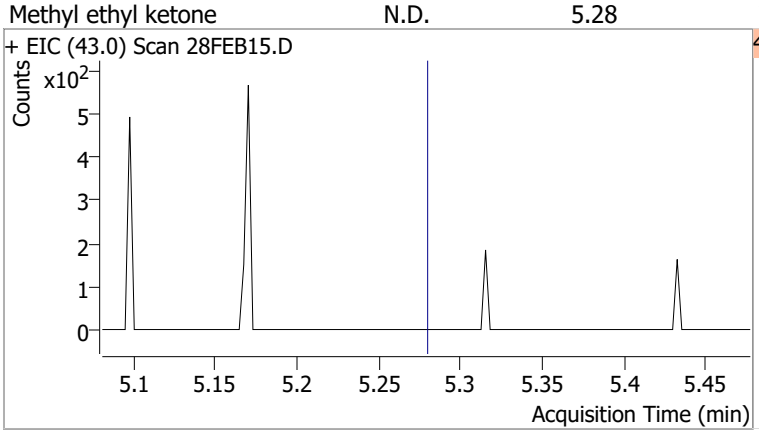


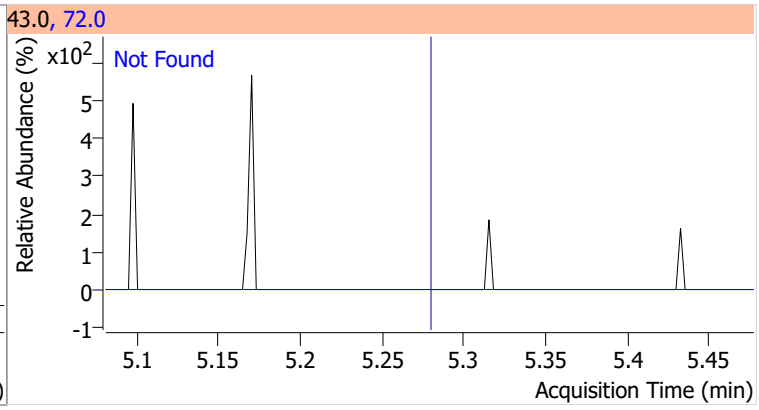
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



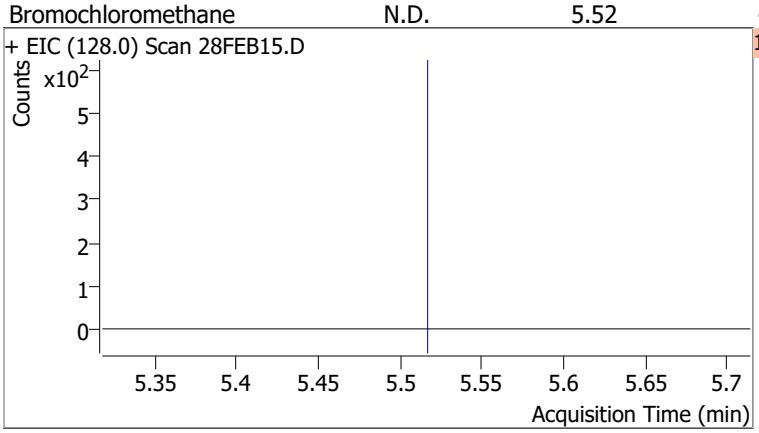


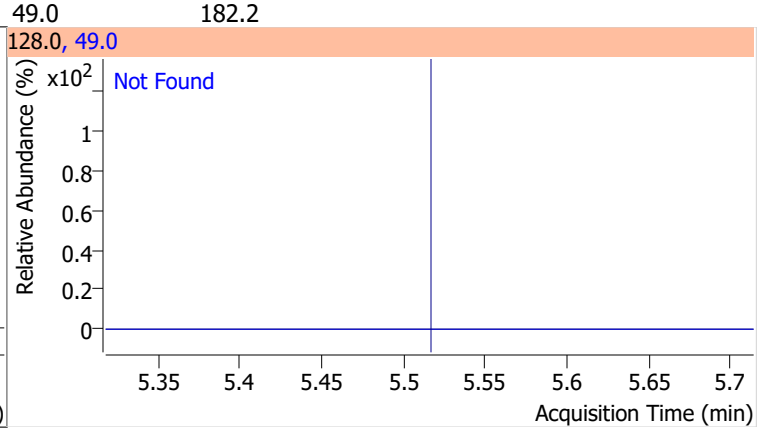
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



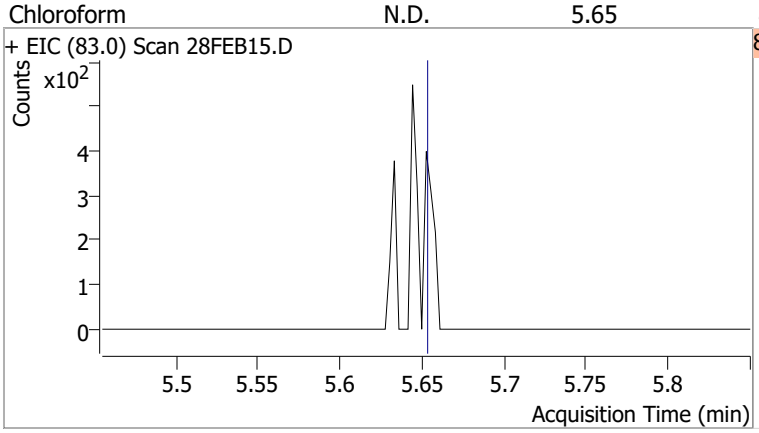


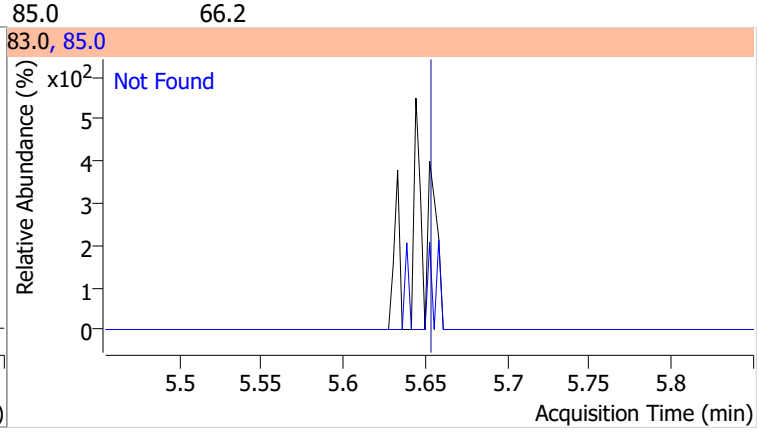
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



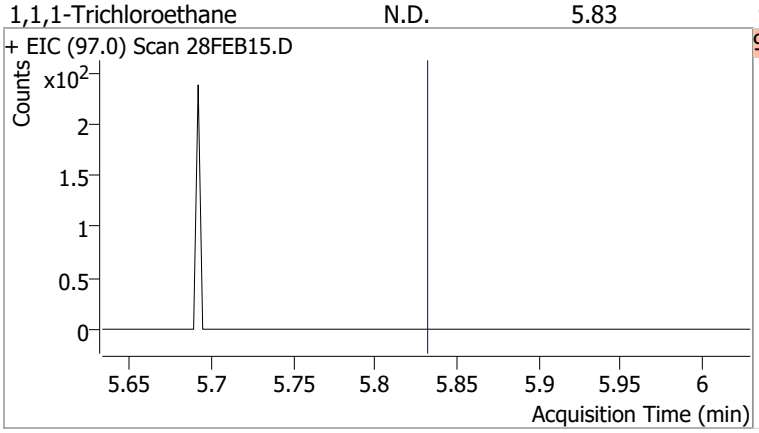


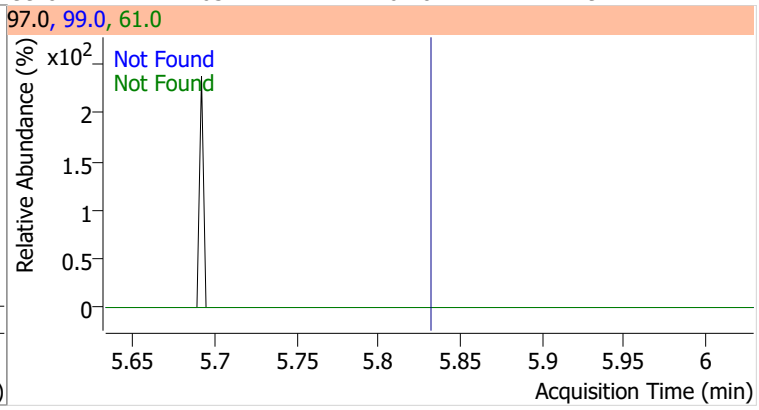
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



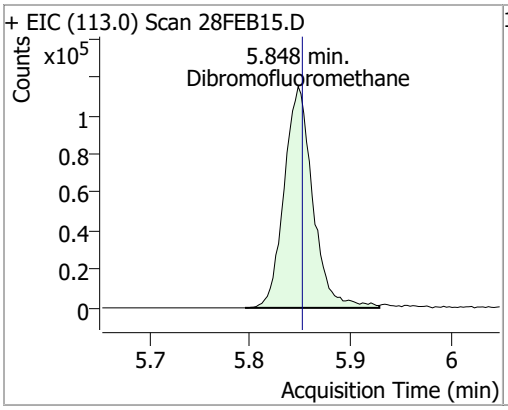


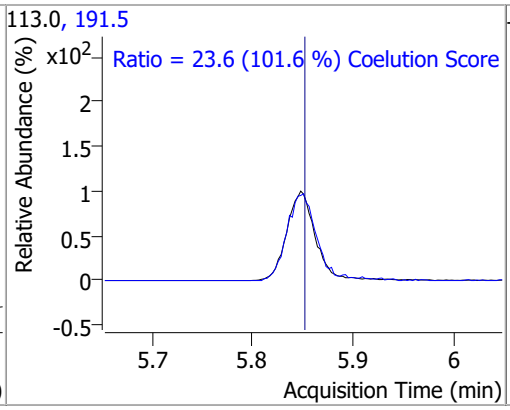
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

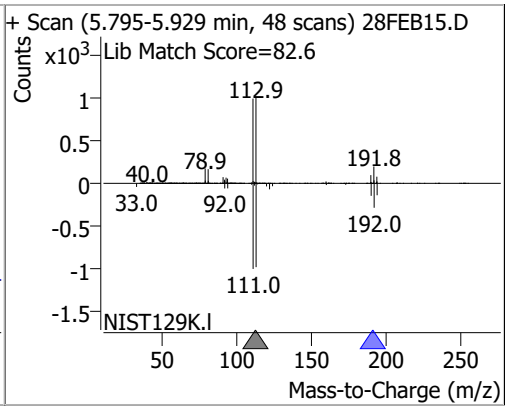




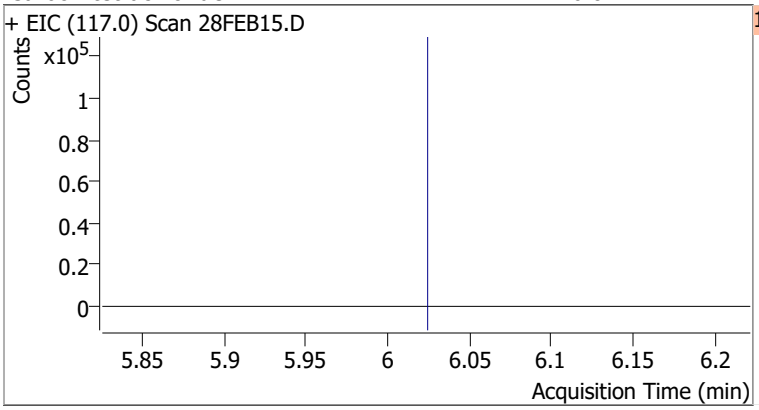
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	275.7007	5.85	0.00	228280	191.5	23.6	0.0	53.2

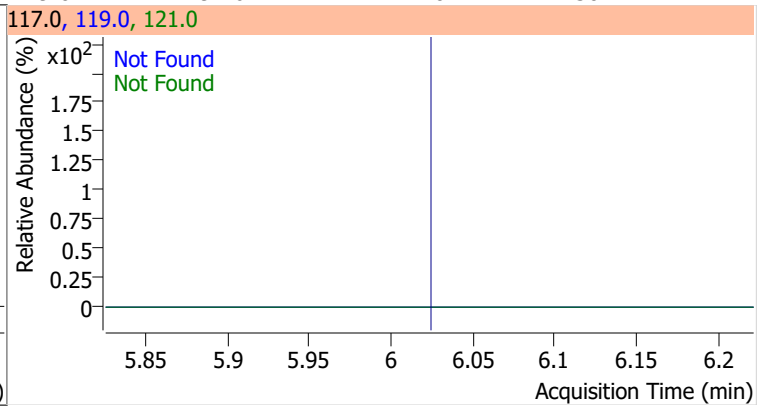




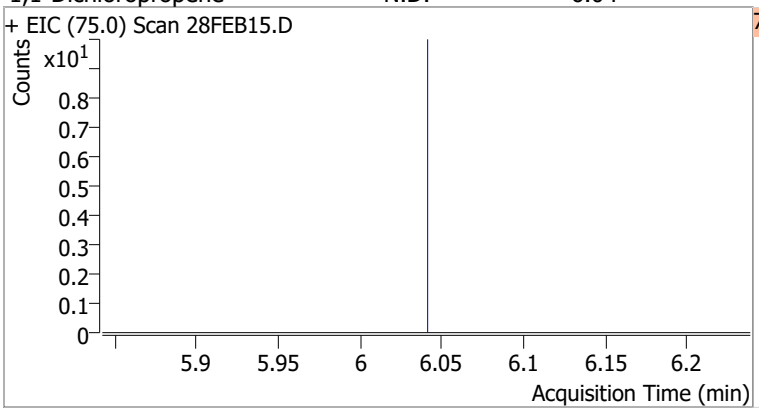


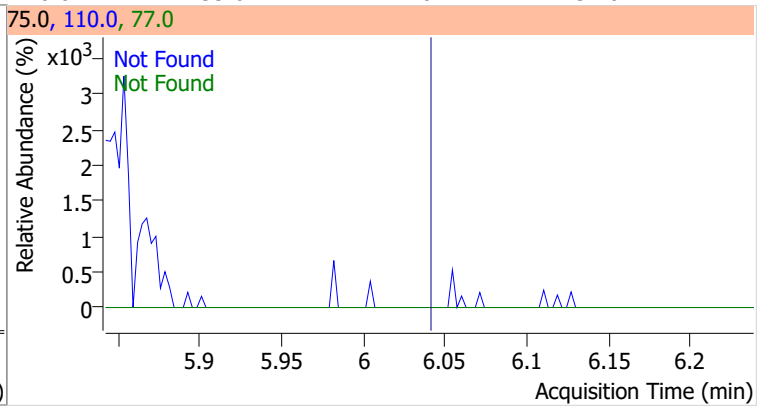
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



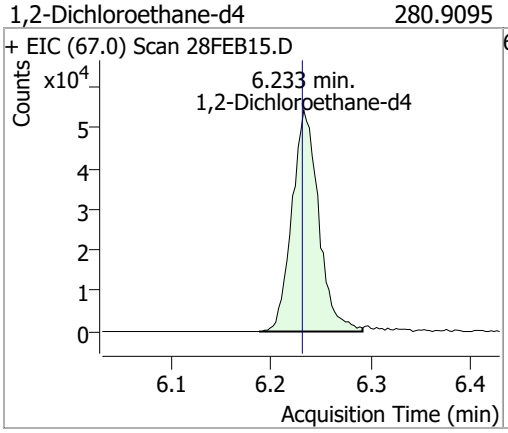


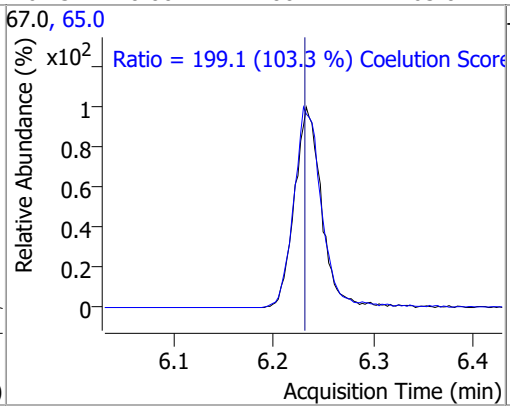
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

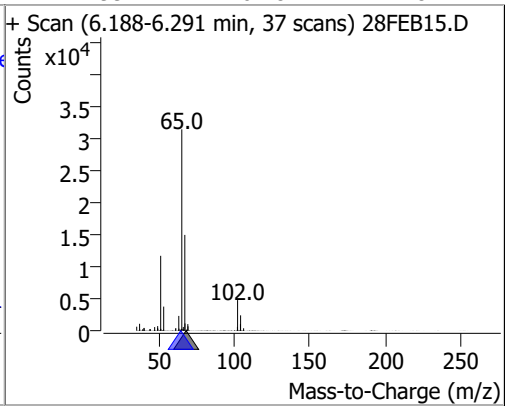




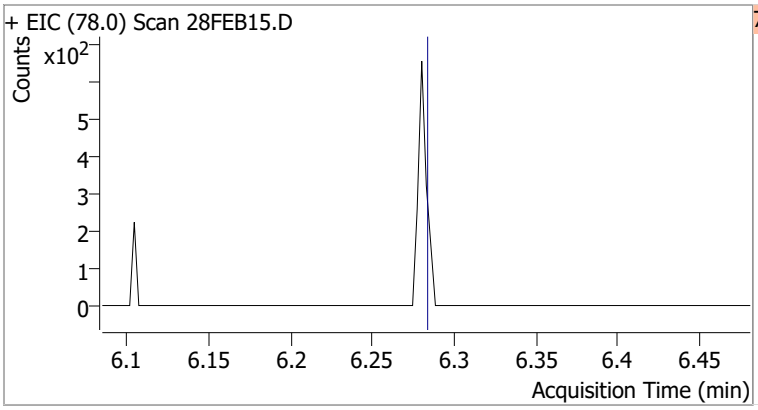
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	280.9095	6.23	0.00	100474	65.0	199.1	162.8	222.8

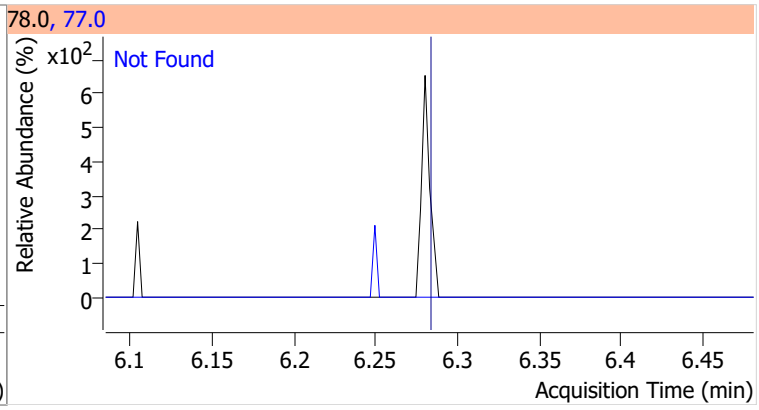




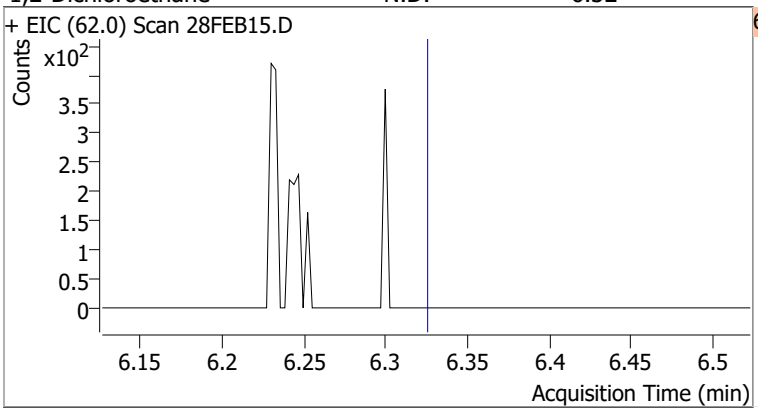


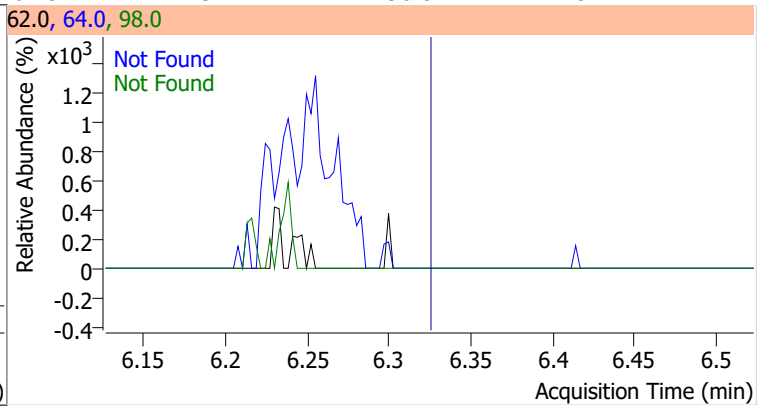
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



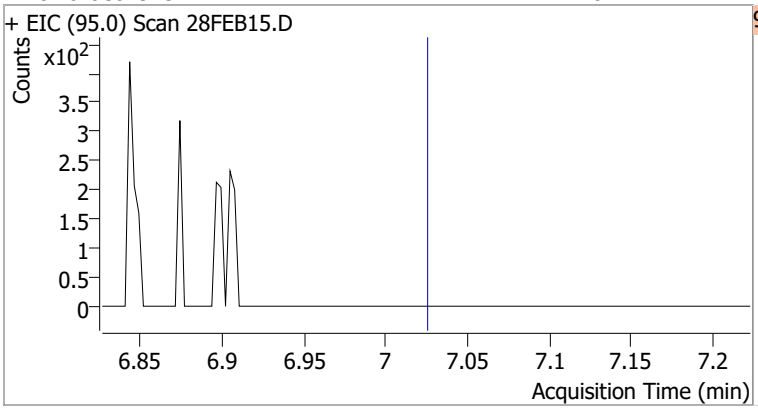


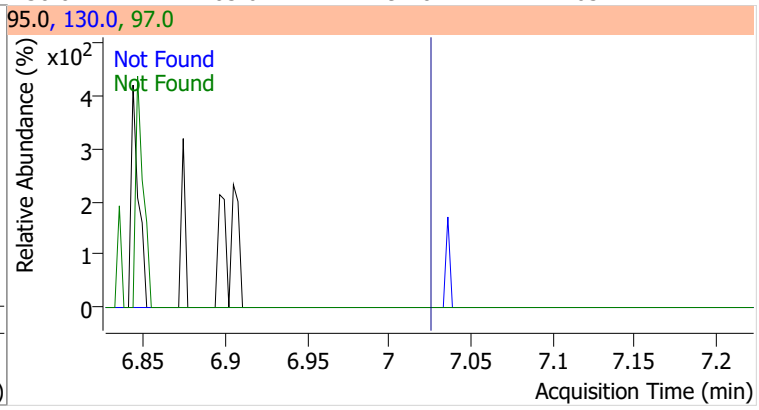
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



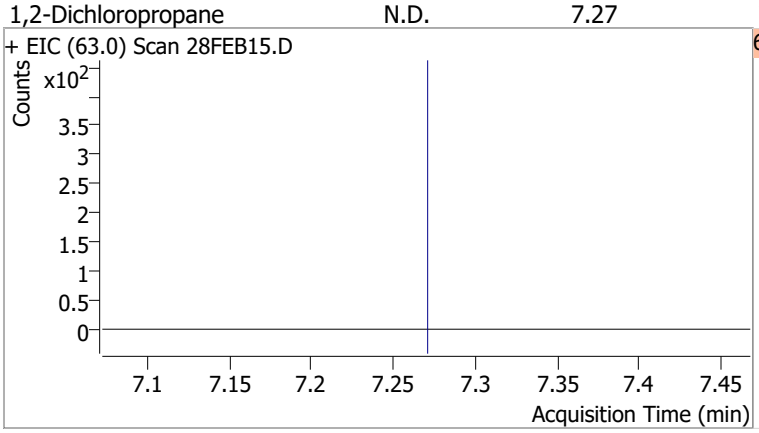


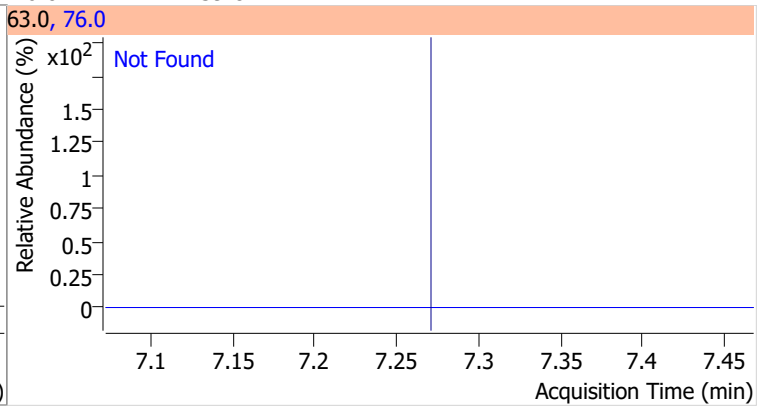
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



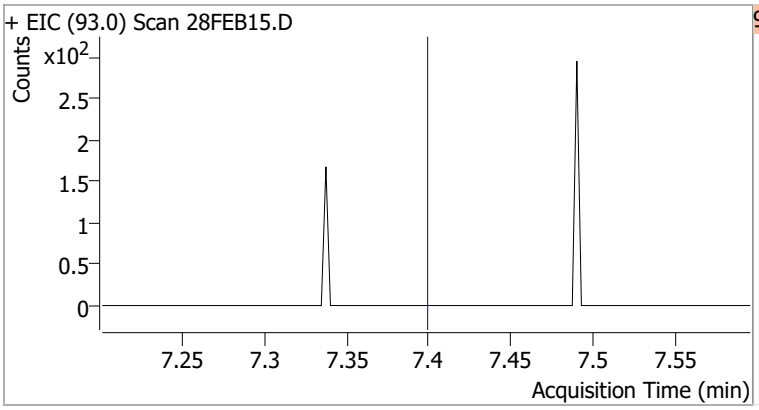


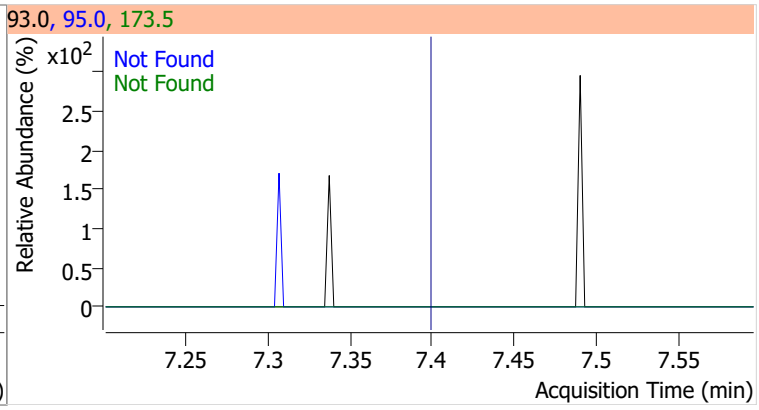
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



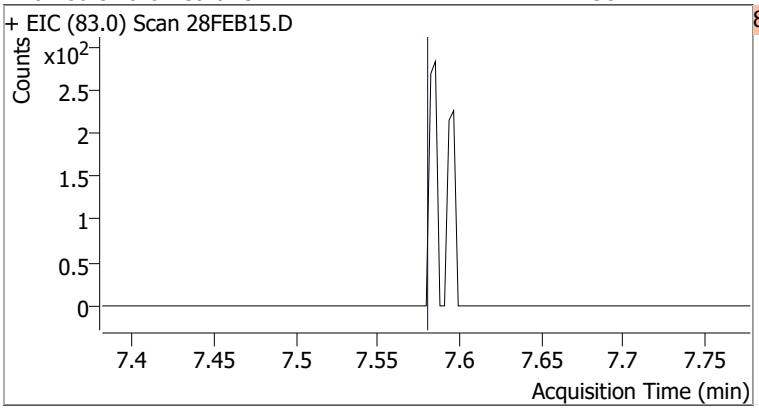


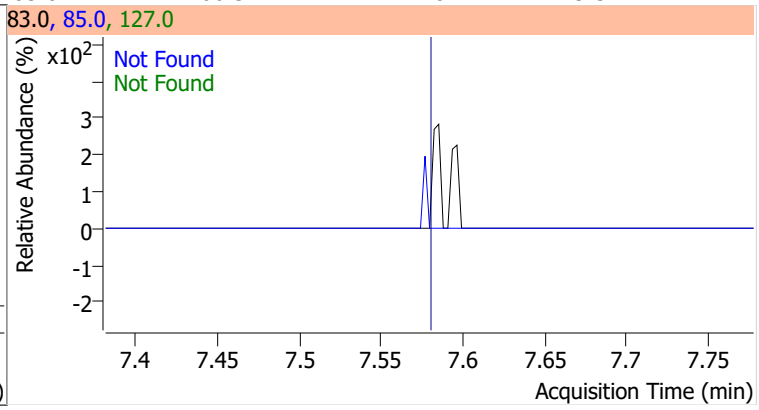
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



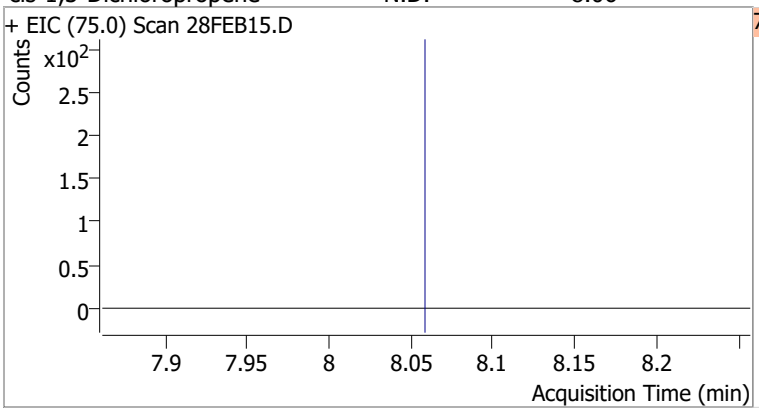


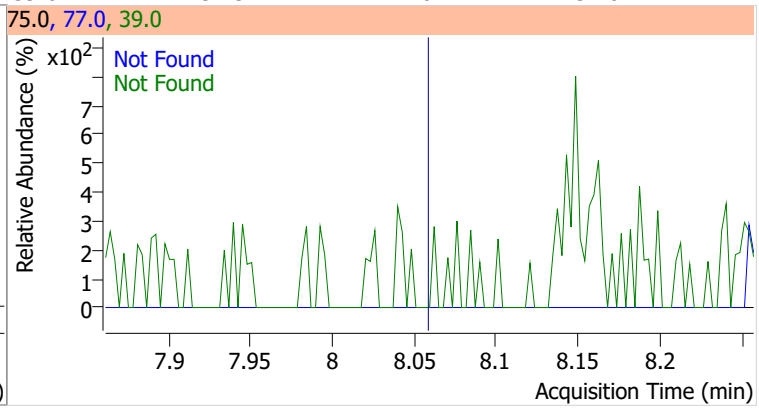
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



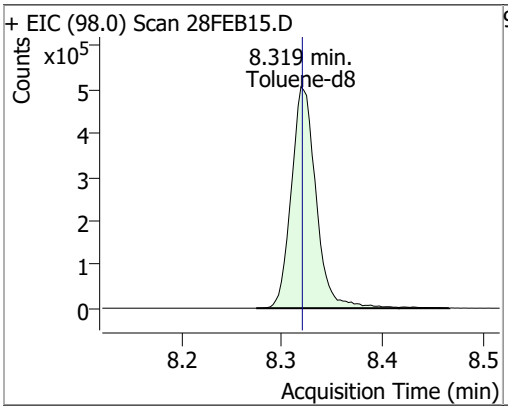


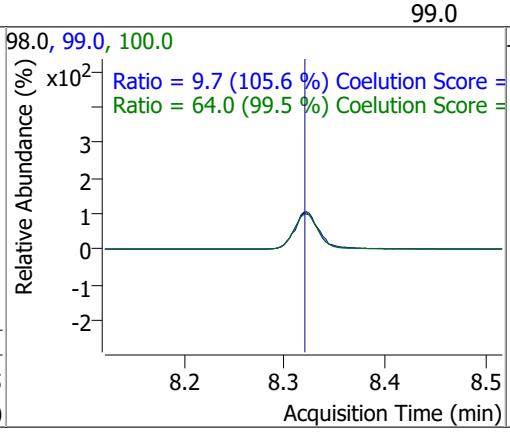
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

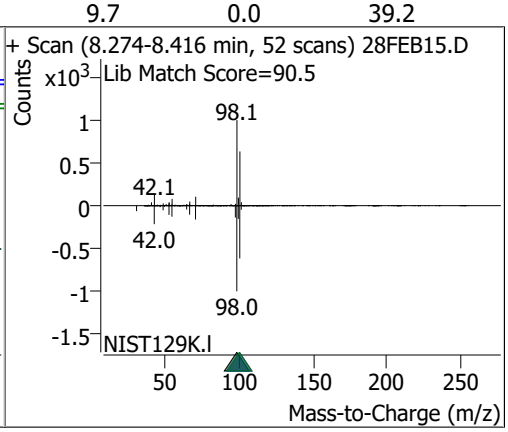




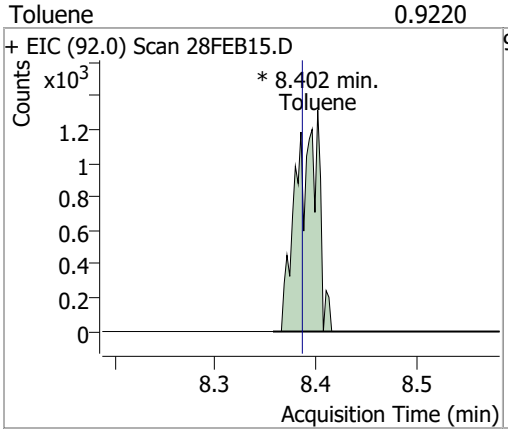
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	261.5362	8.32	0.00	866604	100.0	64.0	34.3	94.3
					99.0	9.7	0.0	39.2

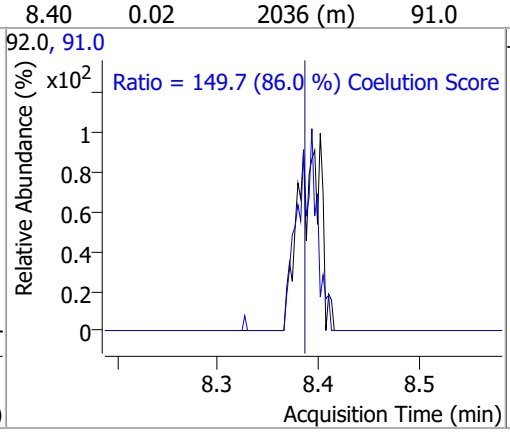


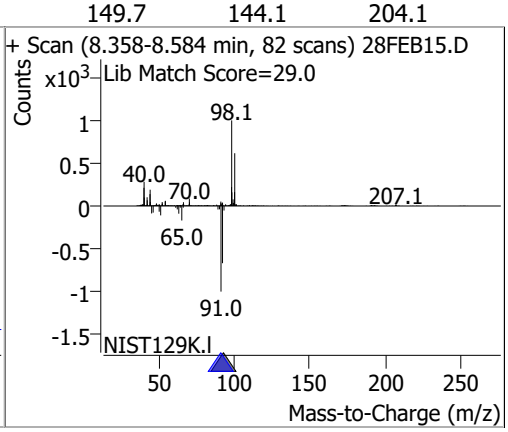




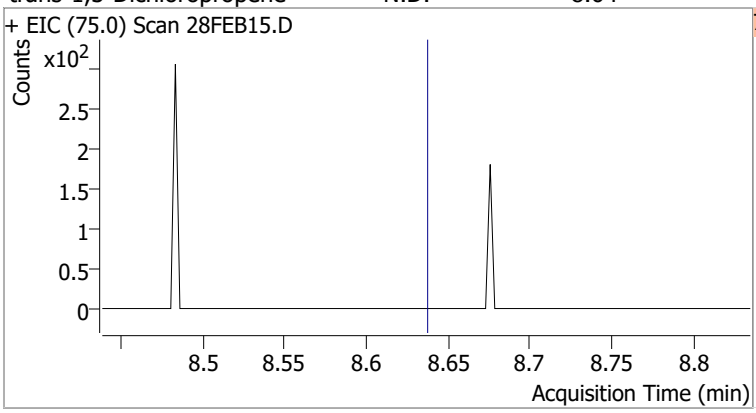
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.9220	8.40	0.02	2036 (m)	91.0	149.7	144.1	204.1

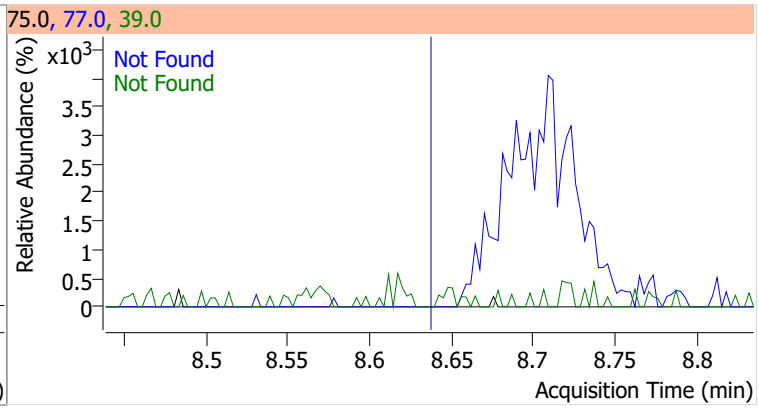




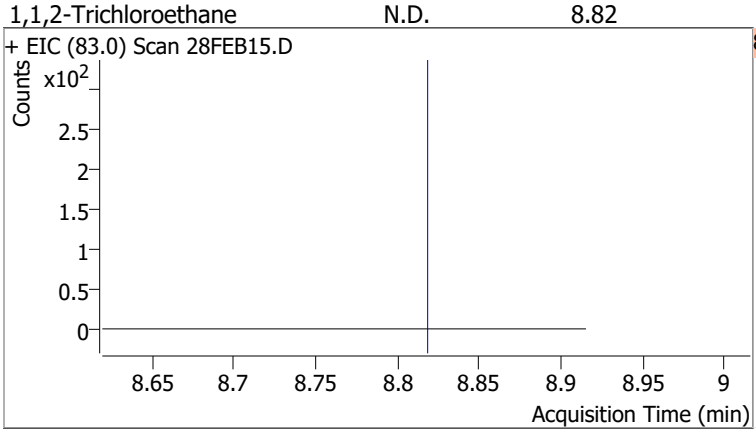


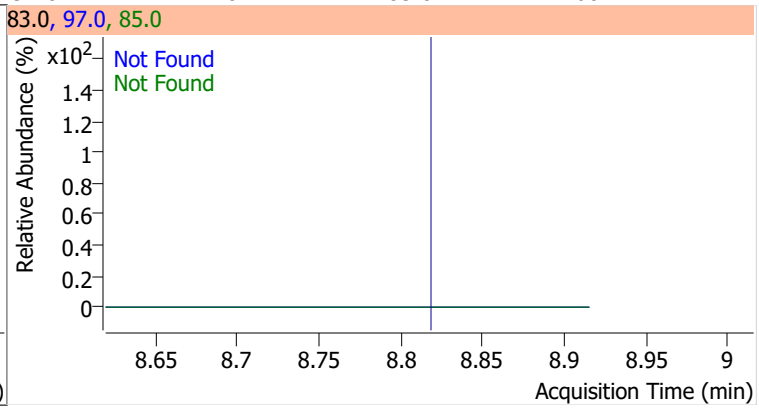
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



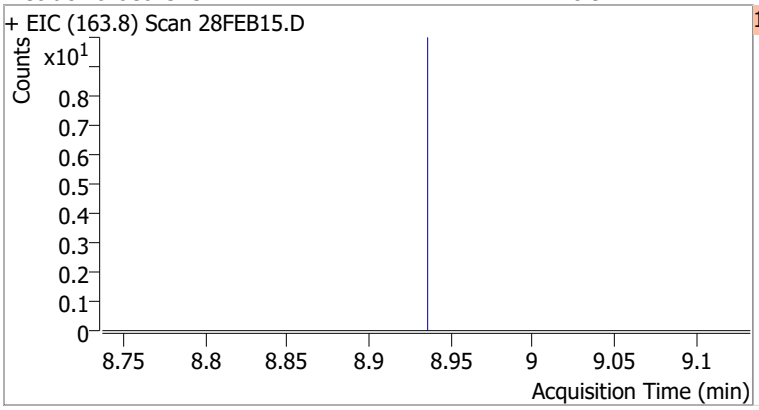


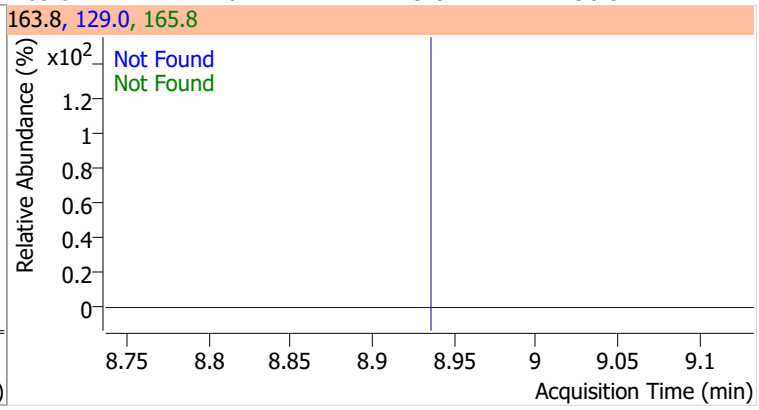
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



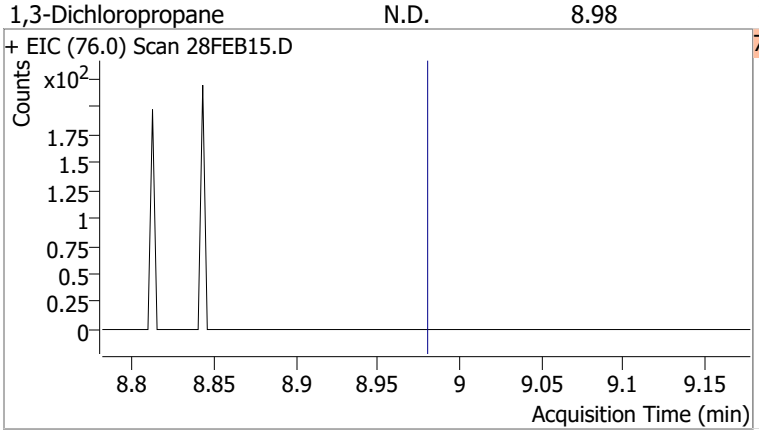


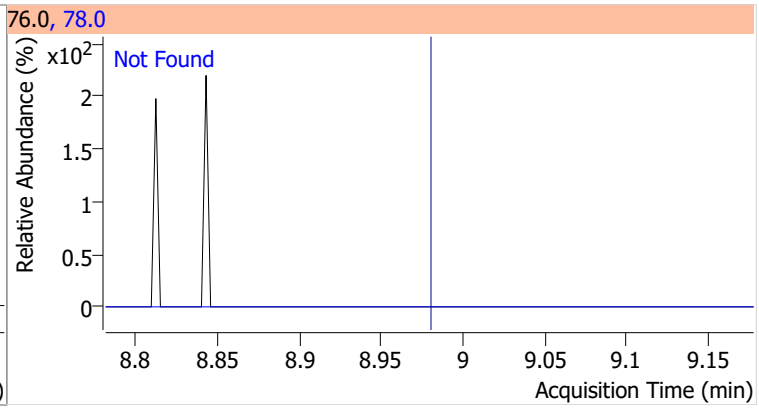
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



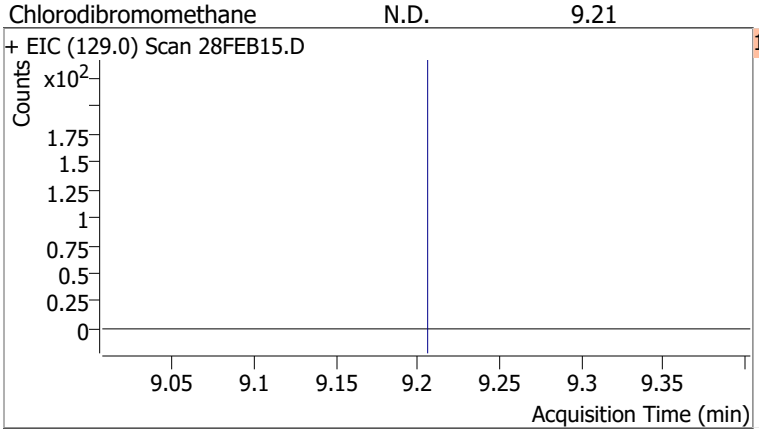


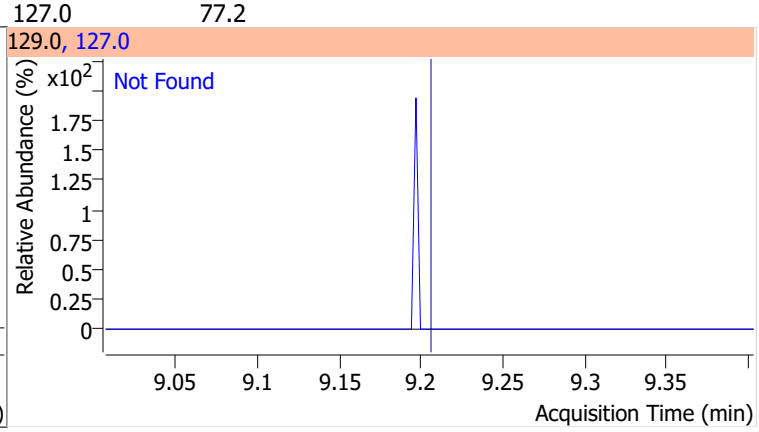
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



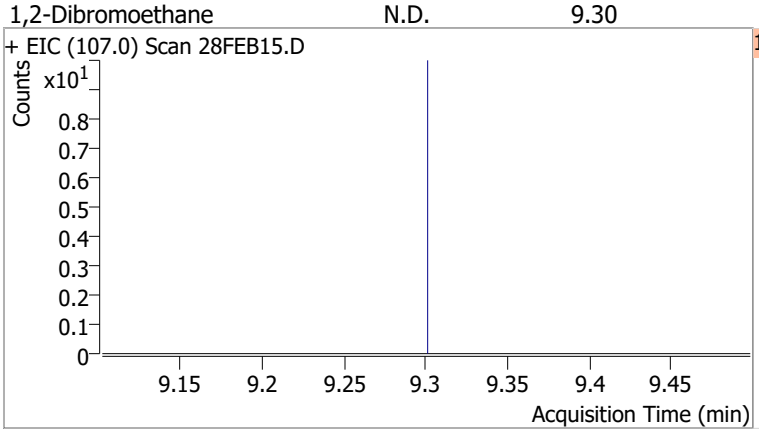


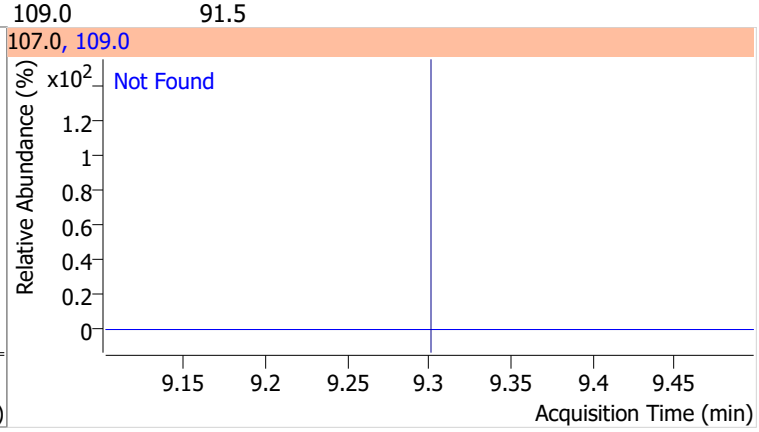
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



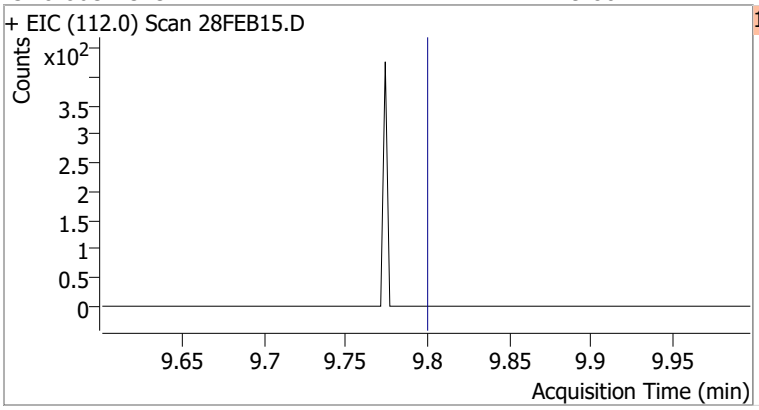


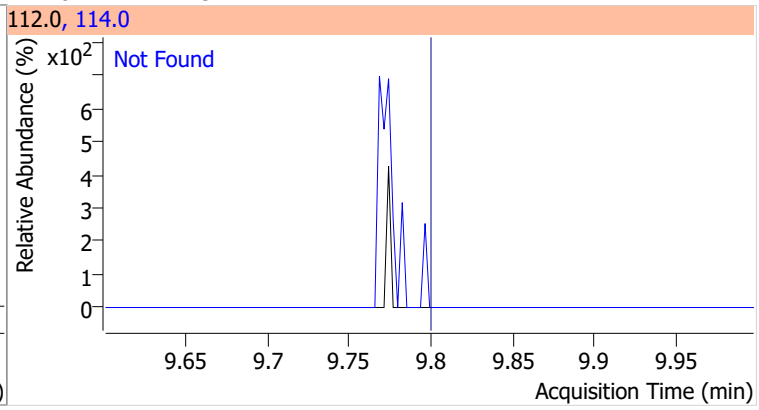
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



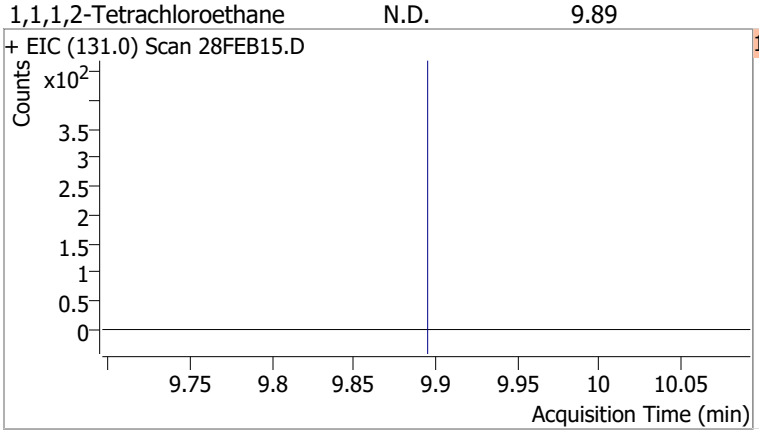


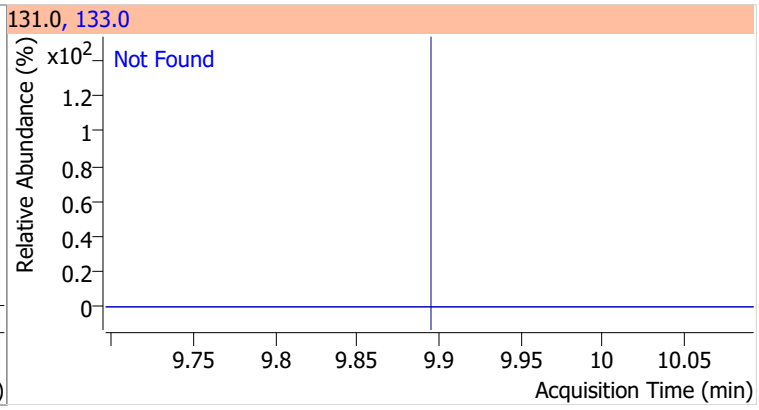
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



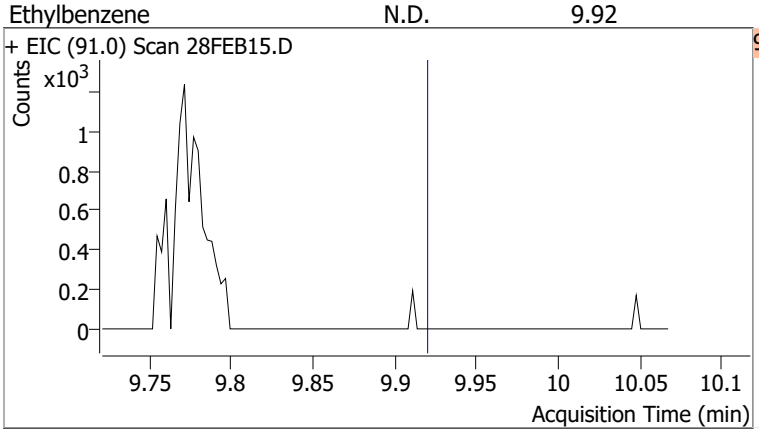


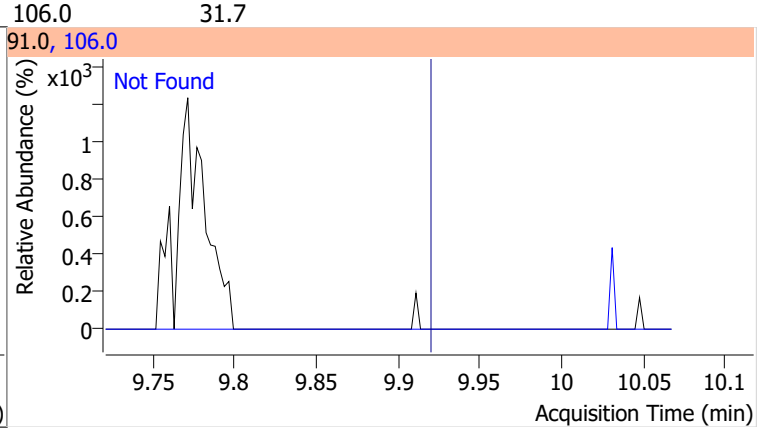
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



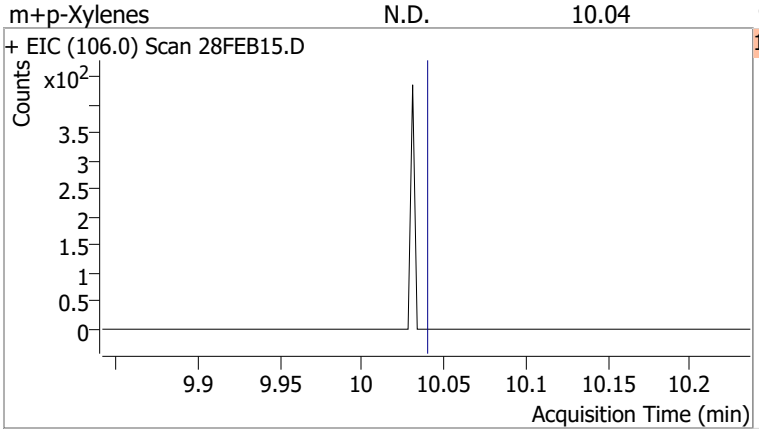


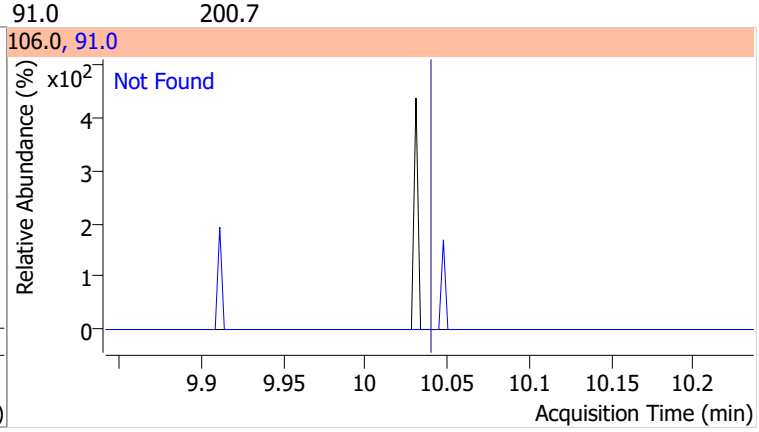
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



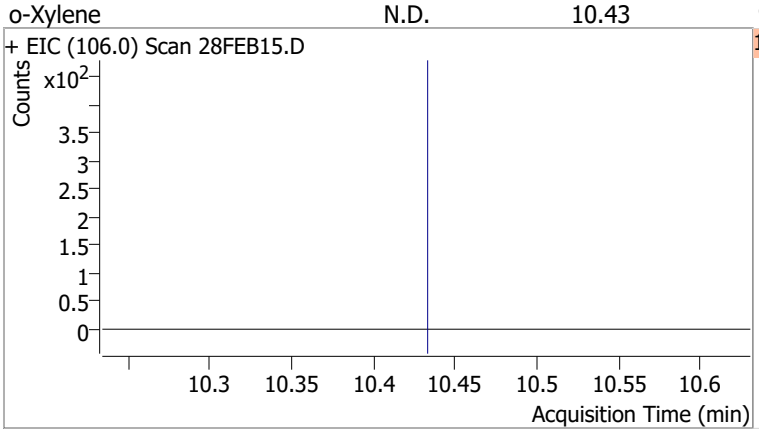


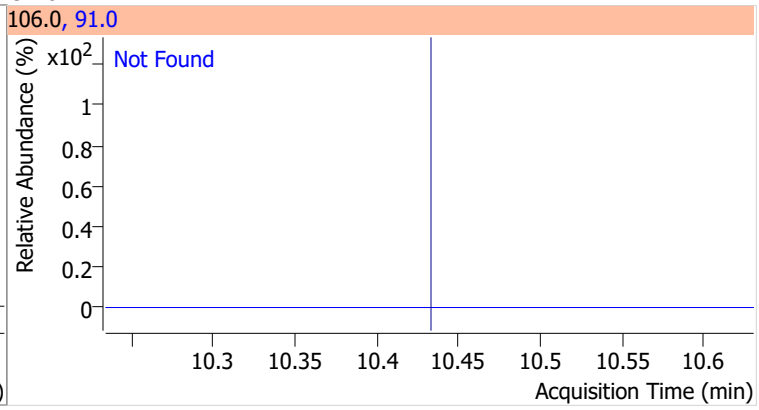
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



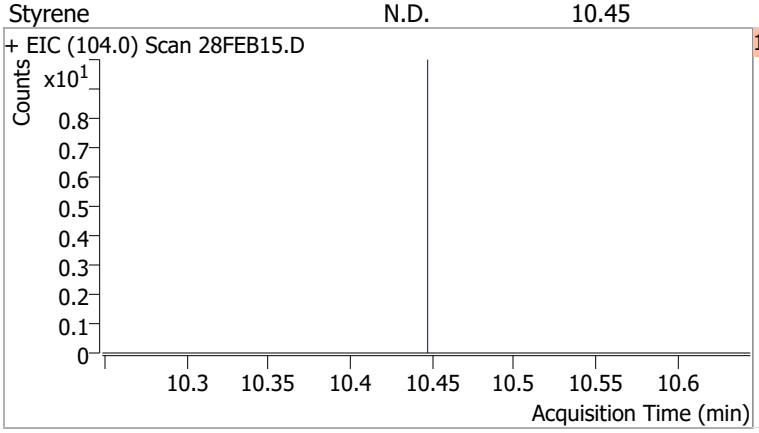


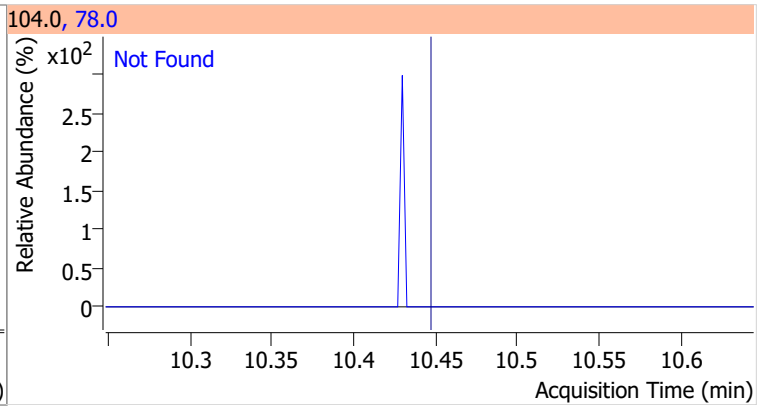
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



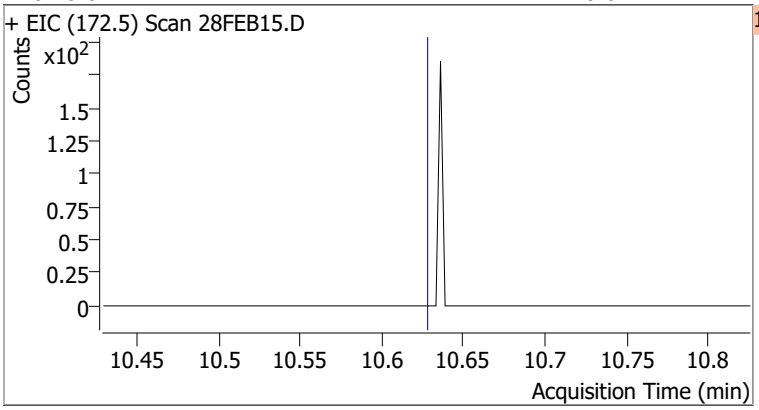


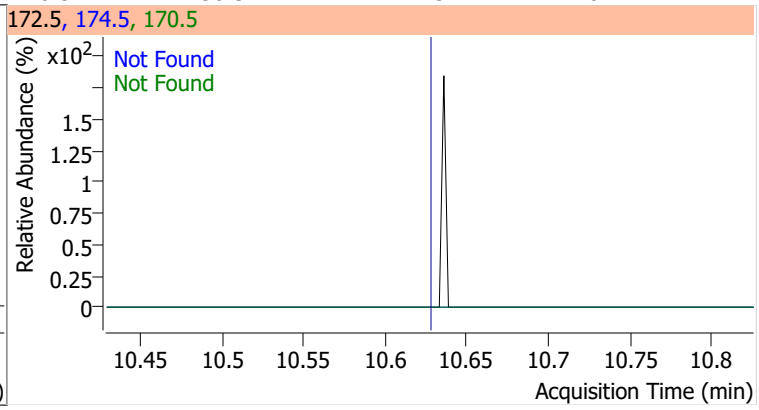
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



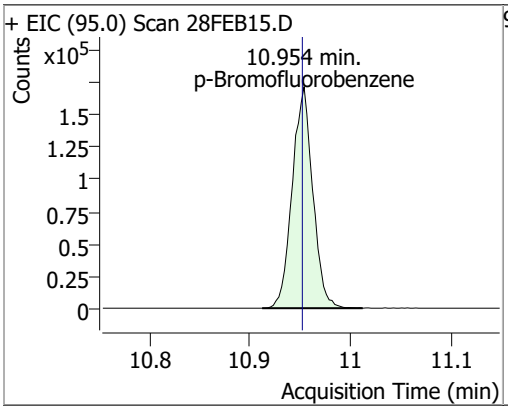


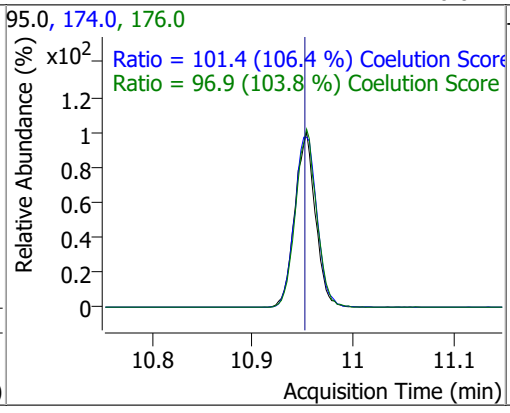
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

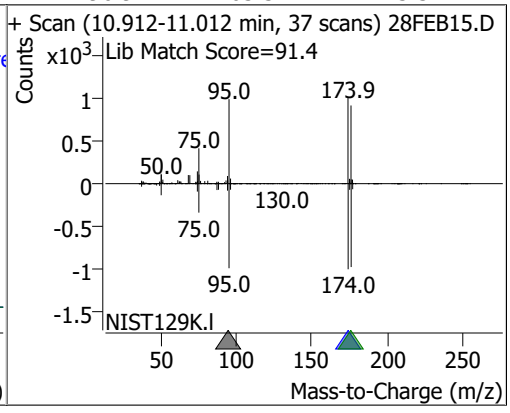




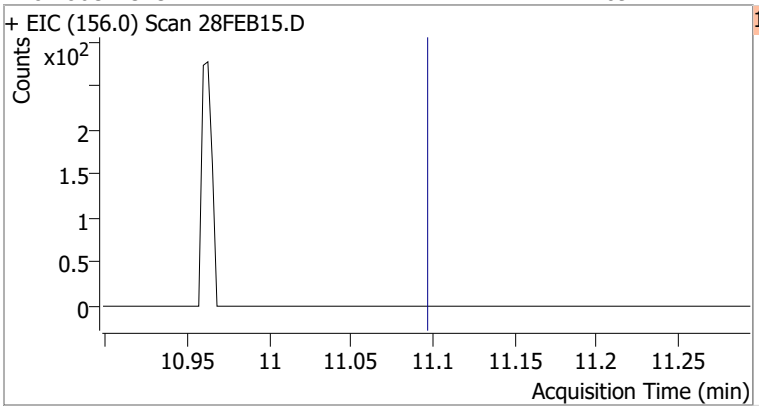
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.1325	10.95	0.01	244823	174.0	101.4	65.3	125.3
					176.0	96.9	63.3	123.3

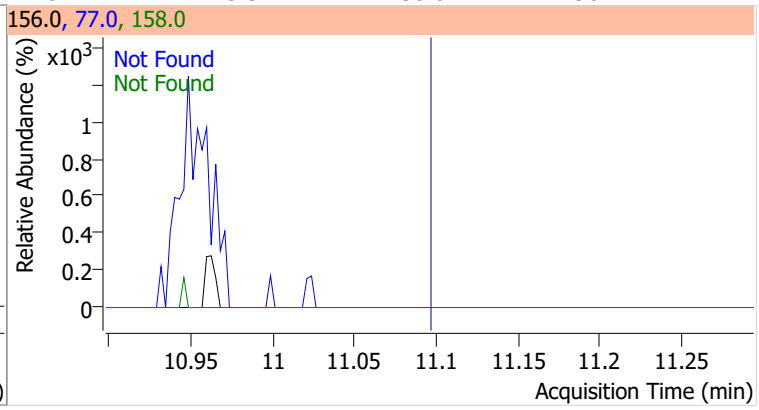




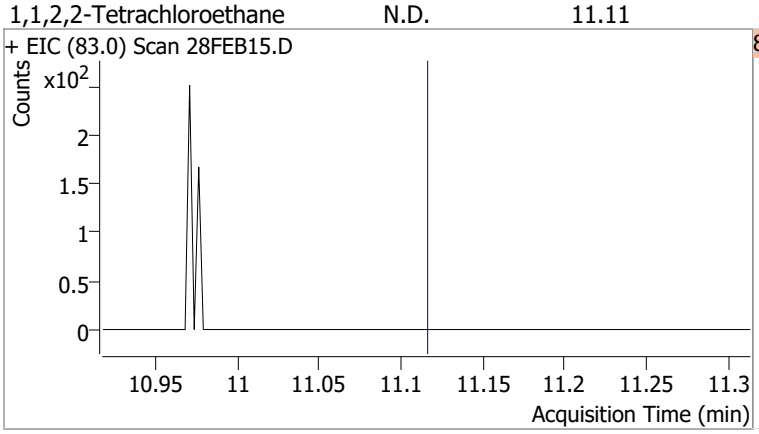


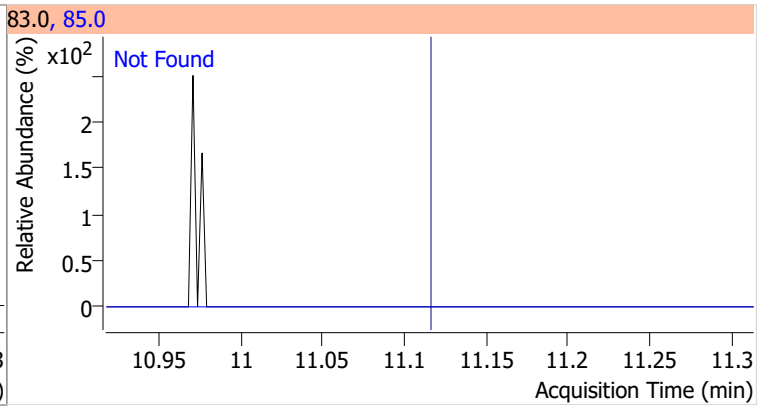
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



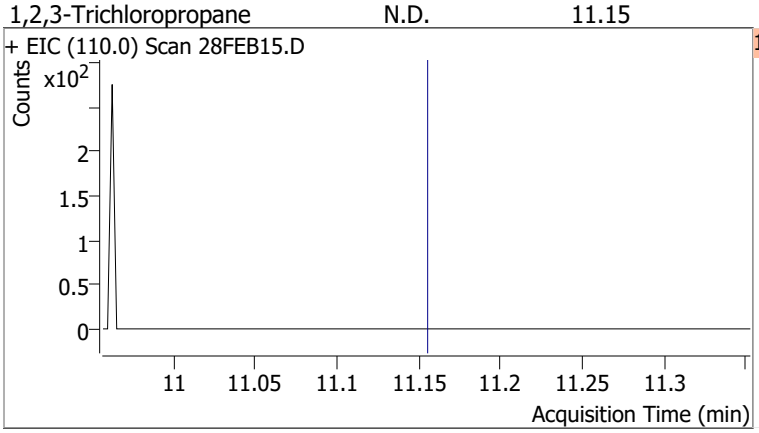


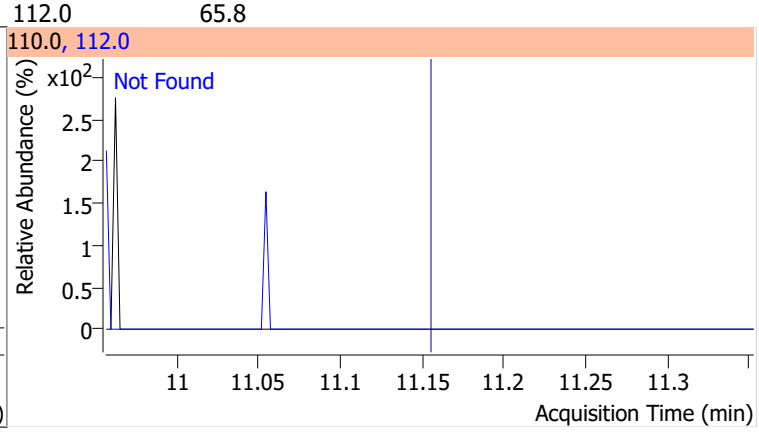
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



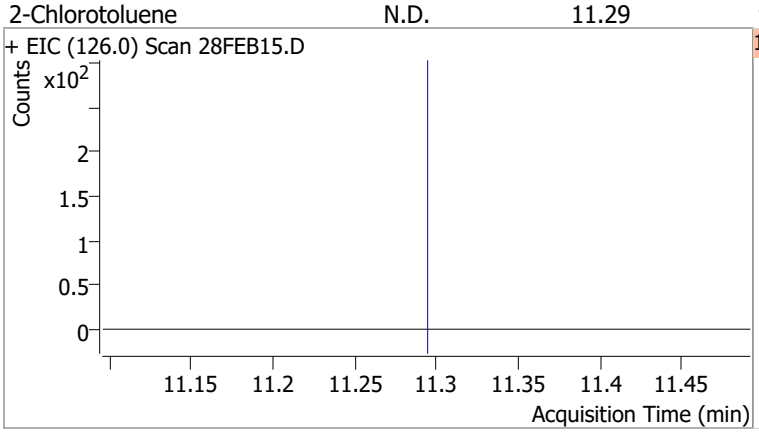


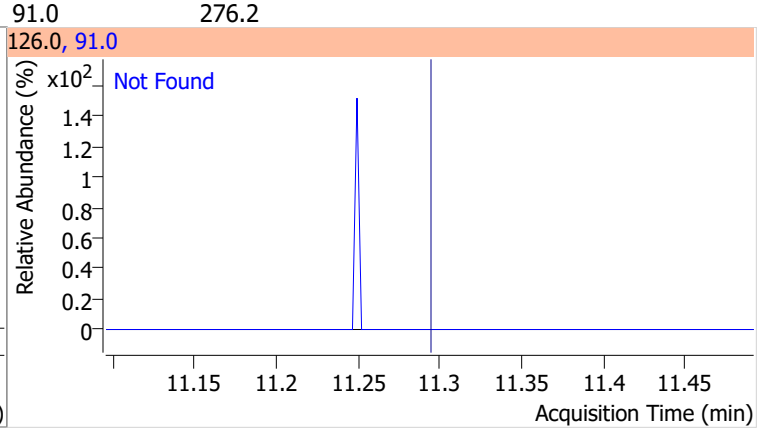
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



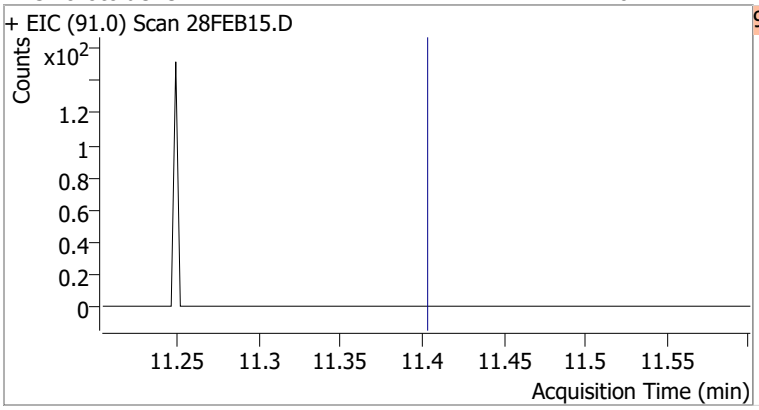


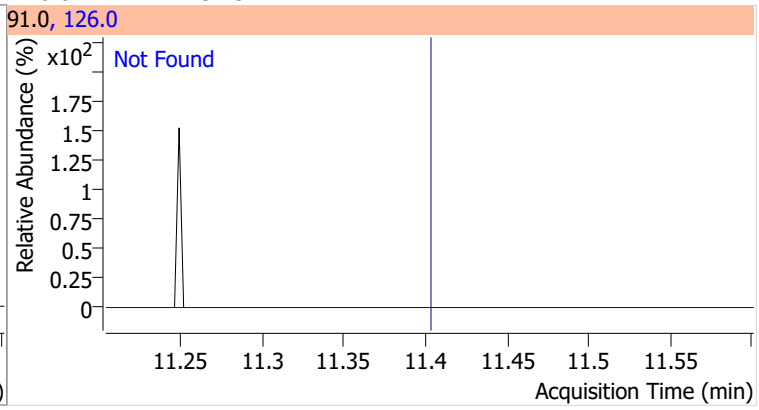
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



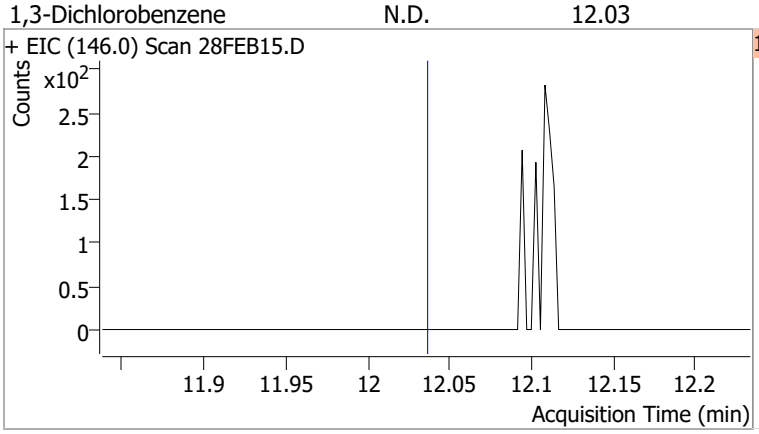


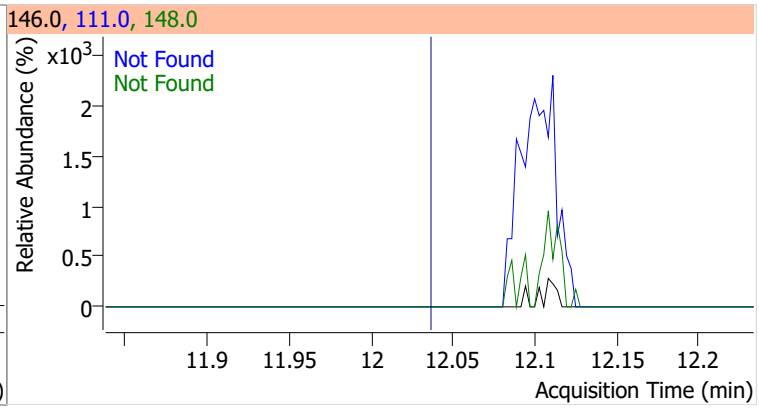
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



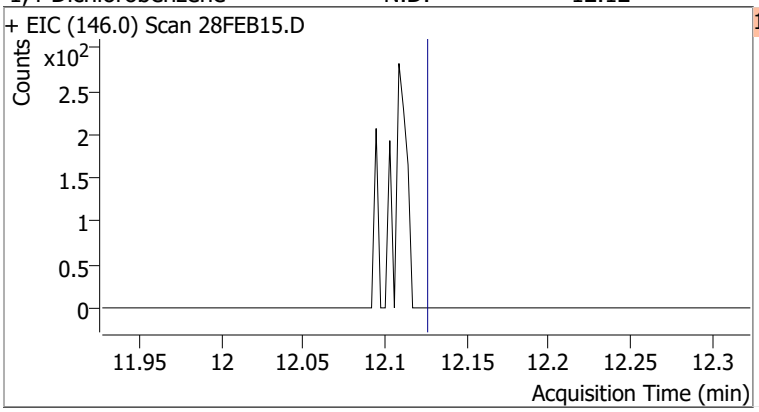


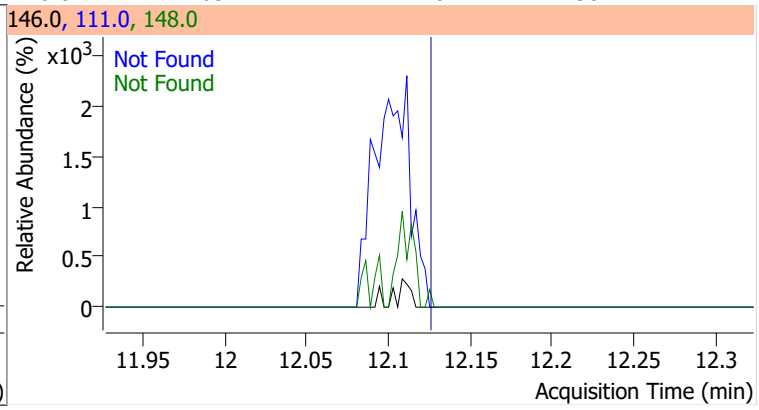
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



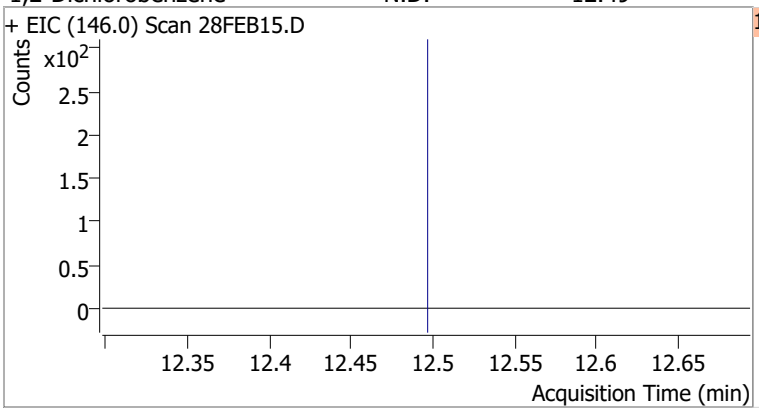


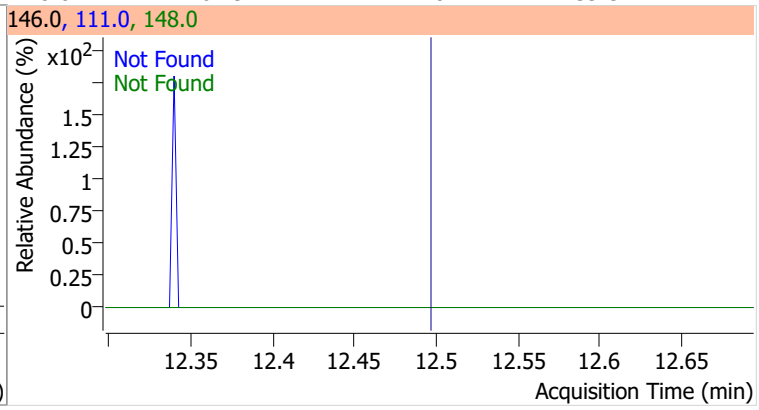
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5

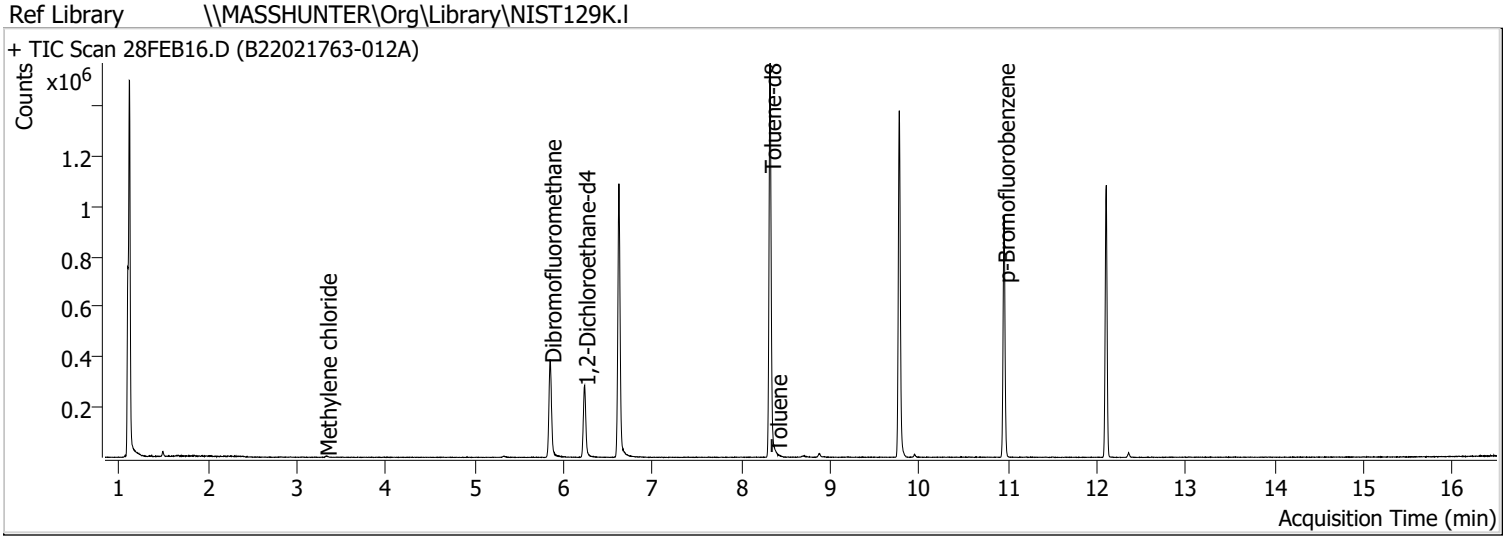




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	28FEB16.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 5:13:55 PM
Sample Name	B22021763-012A	Instrument	VOA5975C
Vial	16	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

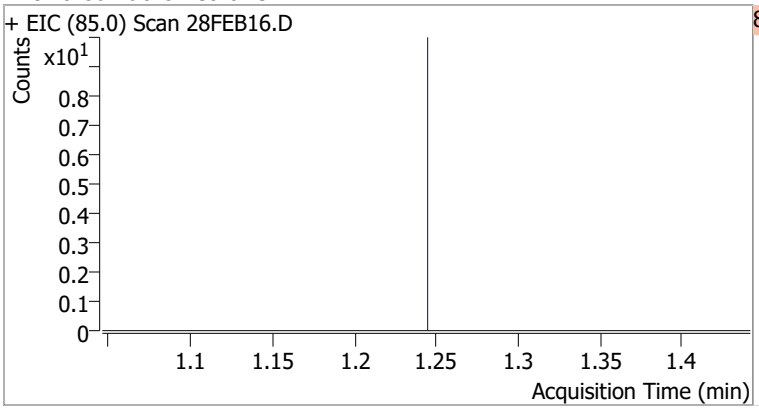


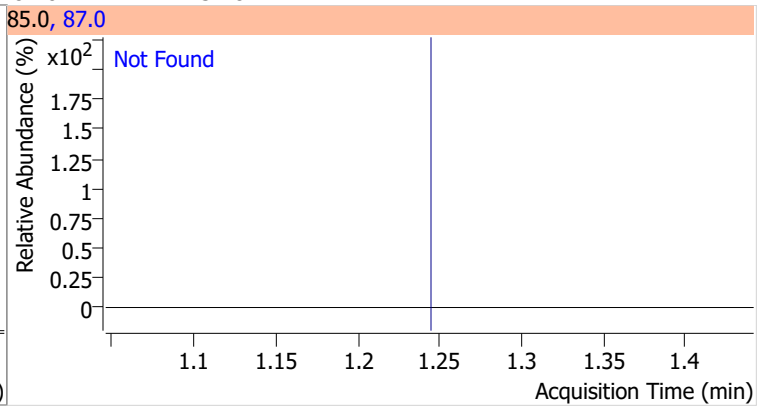
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	898576	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	384074	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	265791	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	237743	273.1596	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.26%			
S 1,2-Dichloroethane-d4	6.233	67.0	105073	279.4747	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 111.79%			
S Toluene-d8	8.322	98.0	999019	266.6175	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.65%			
S p-Bromofluorobenzene	10.951	95.0	272043	277.2096	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 110.88%			
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	3.324	49.0	3490	2.6572	ng	m	89
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	1147	0.4593	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	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.			

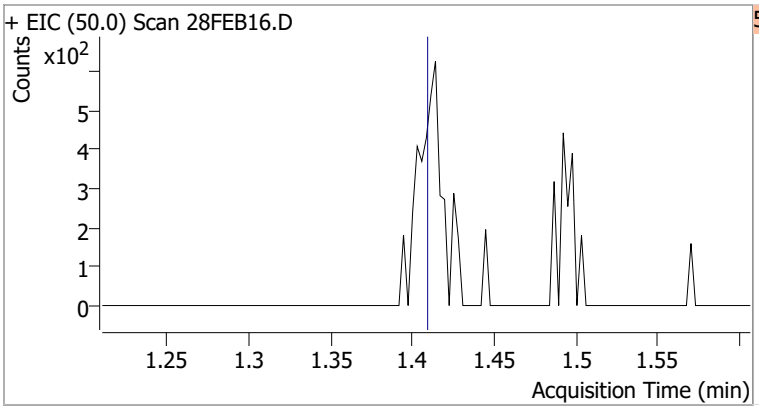
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

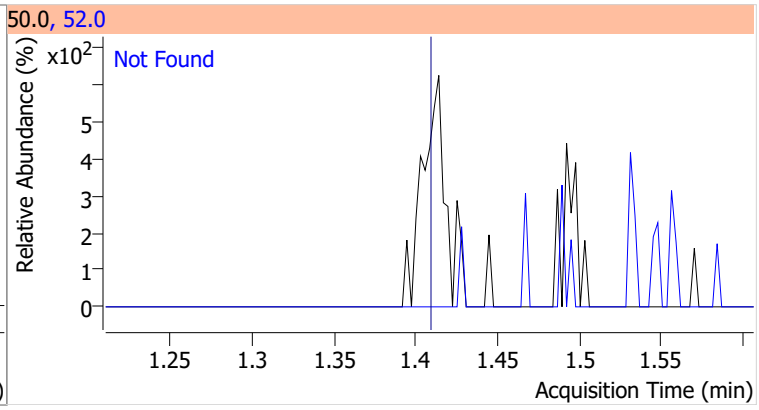
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



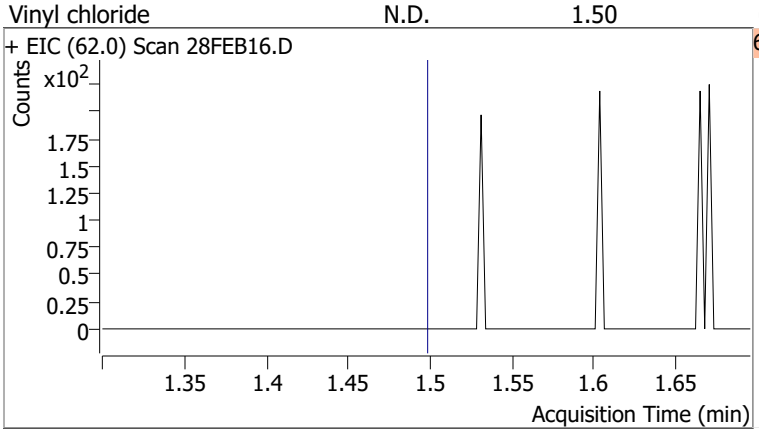


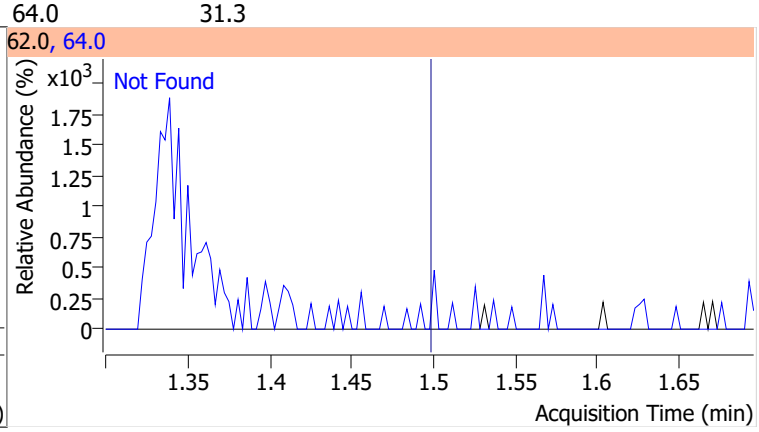
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



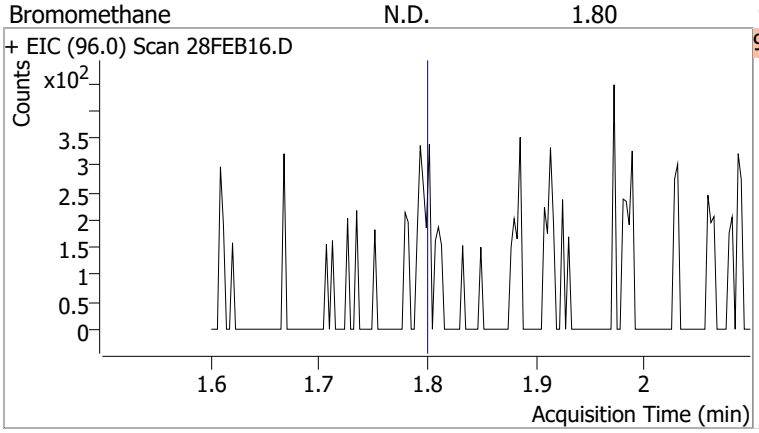


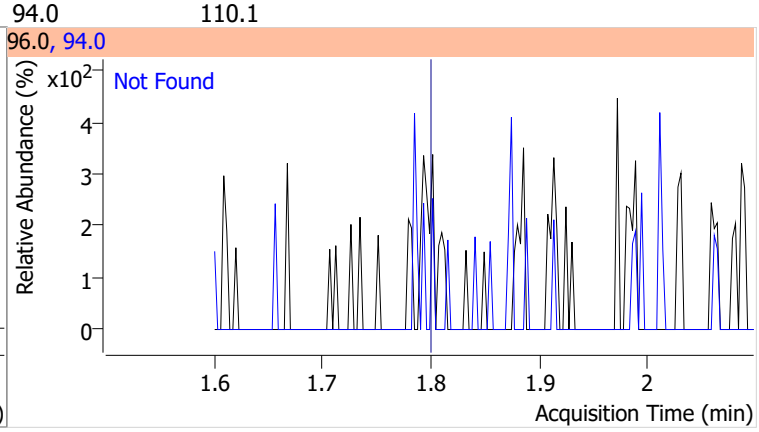
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



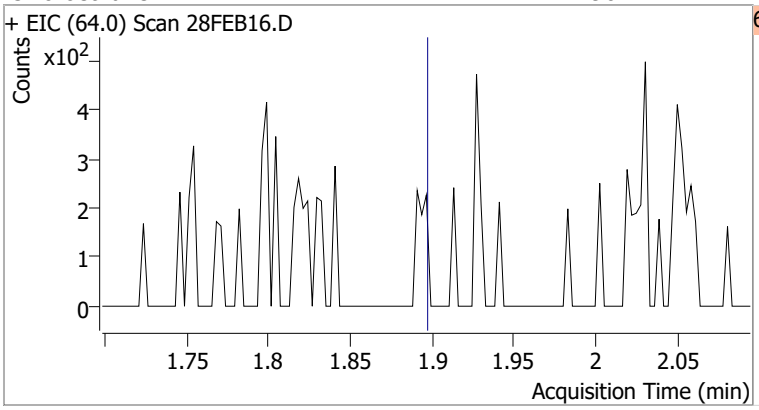


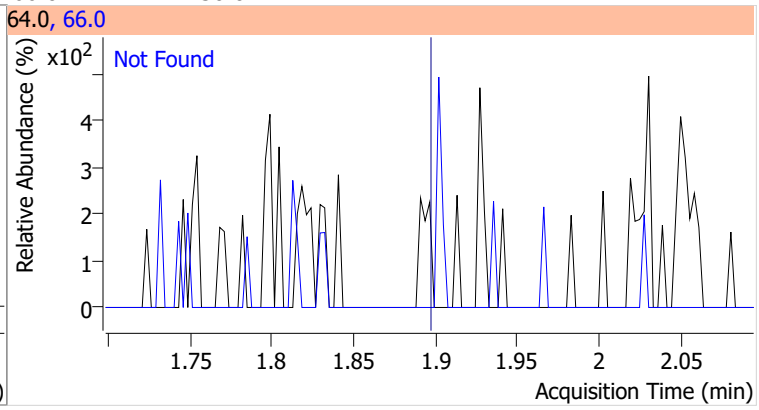
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



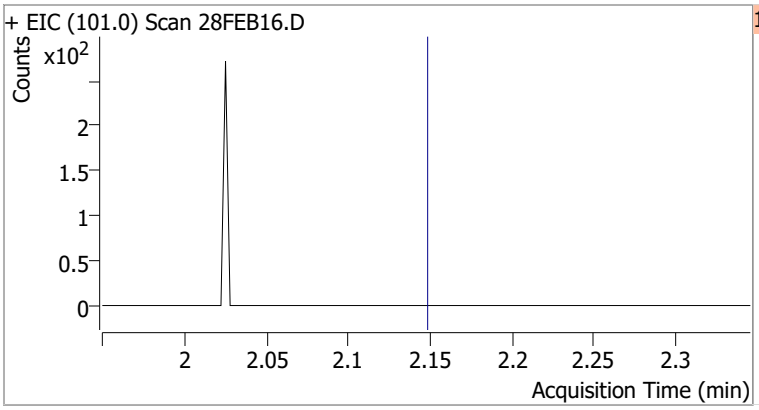


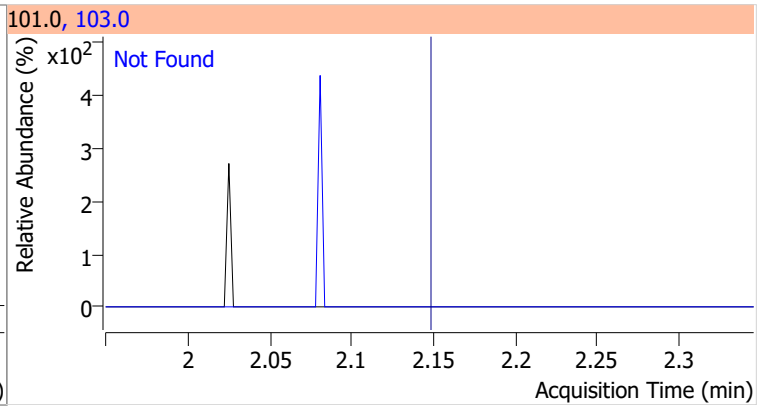
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



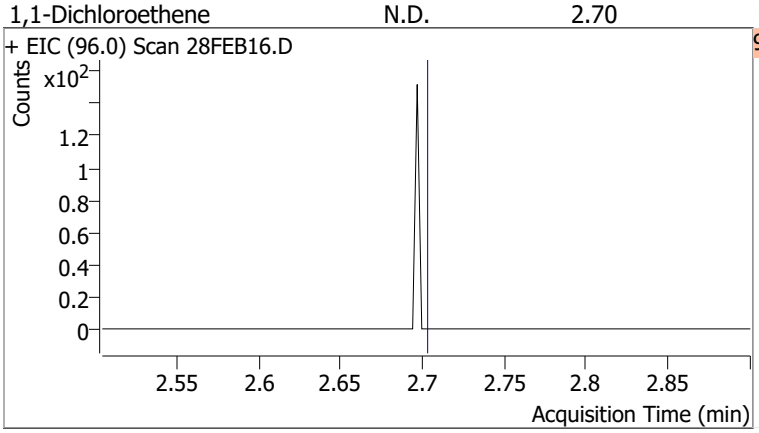


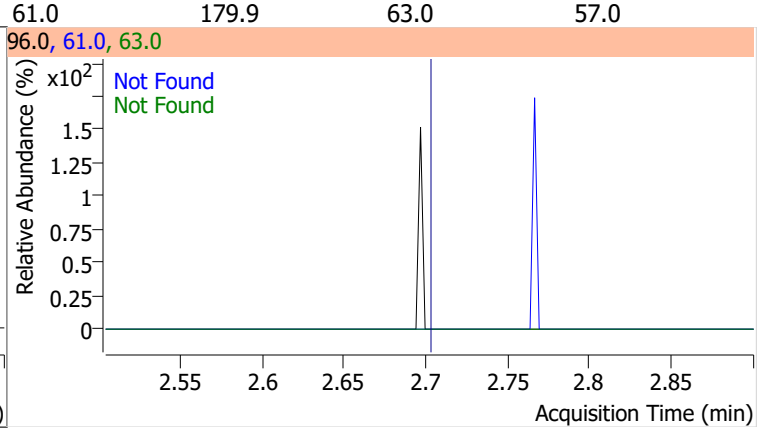
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



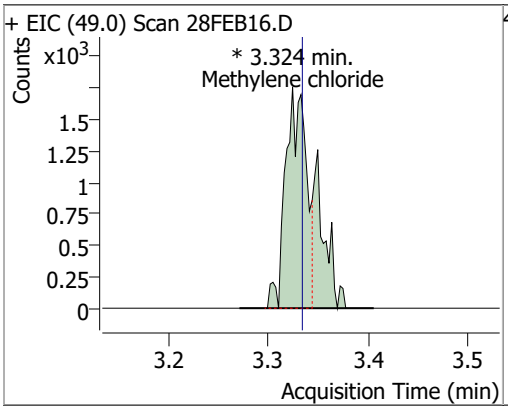


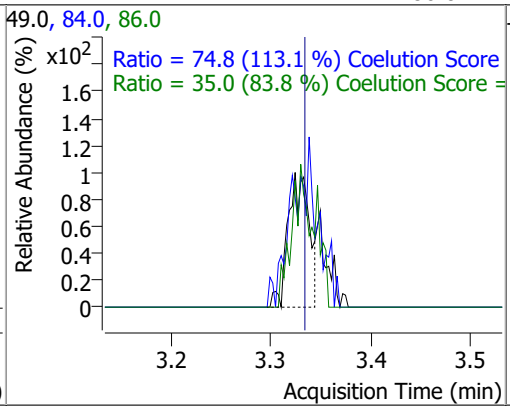
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

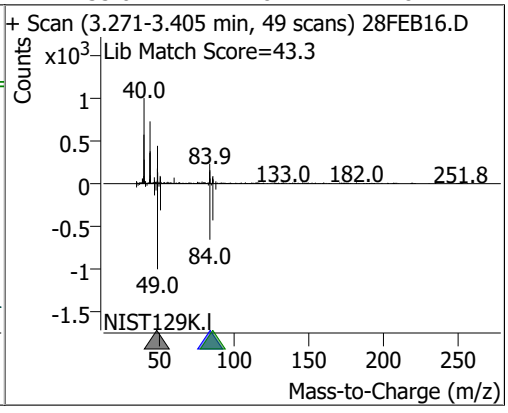




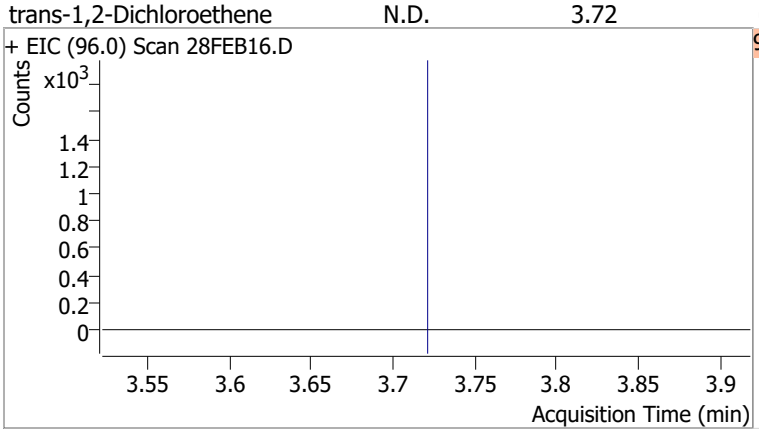
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	2.6572	3.32	-0.01	3490 (m)	84.0	74.8	36.1	96.1
					86.0	35.0	11.8	71.8

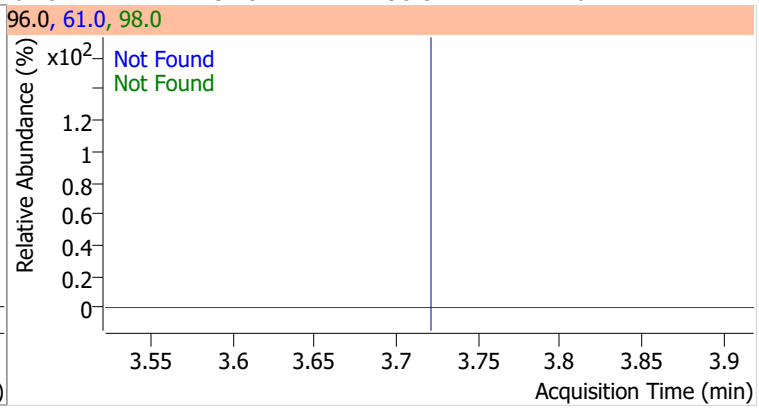




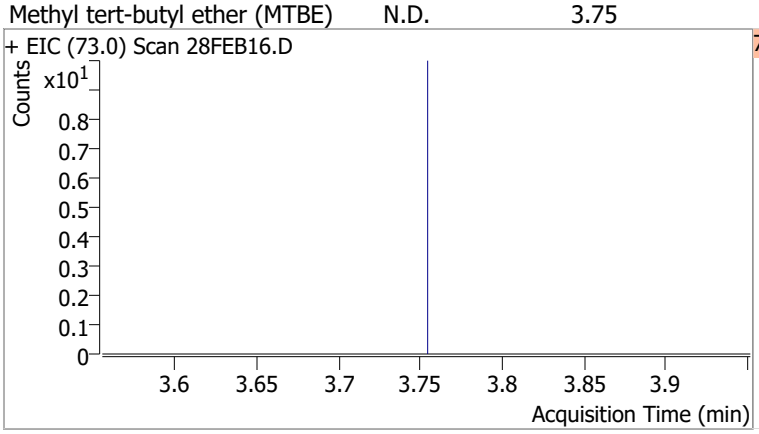


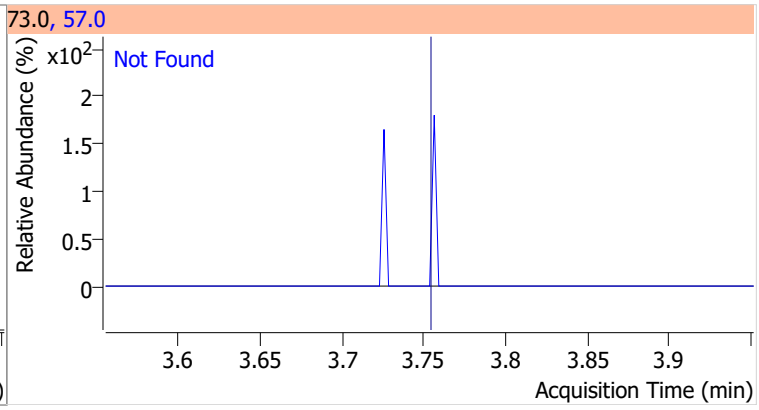
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



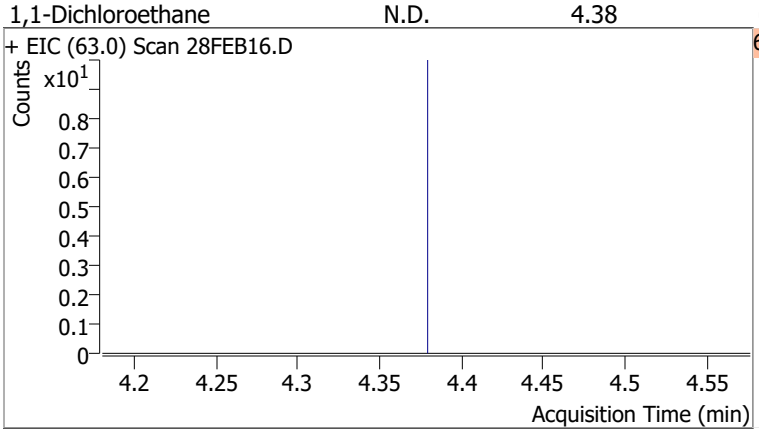


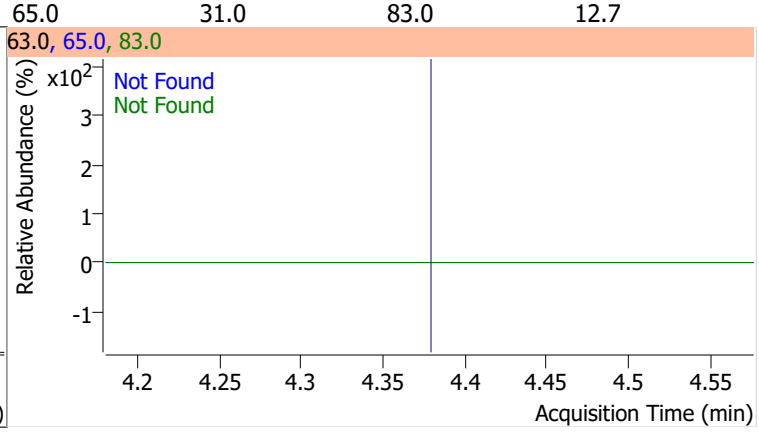
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



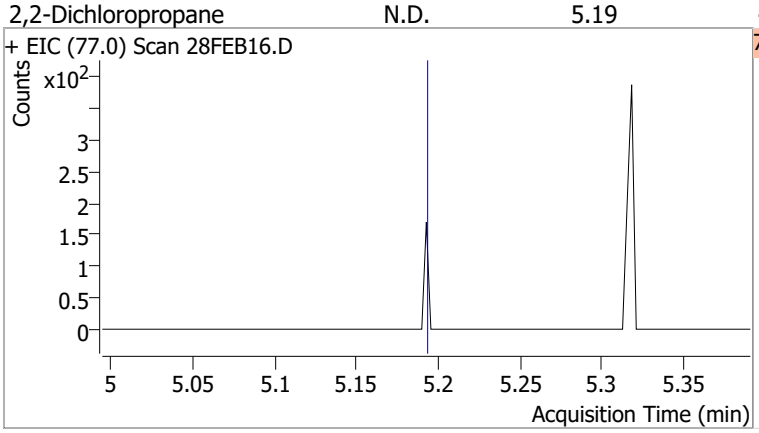


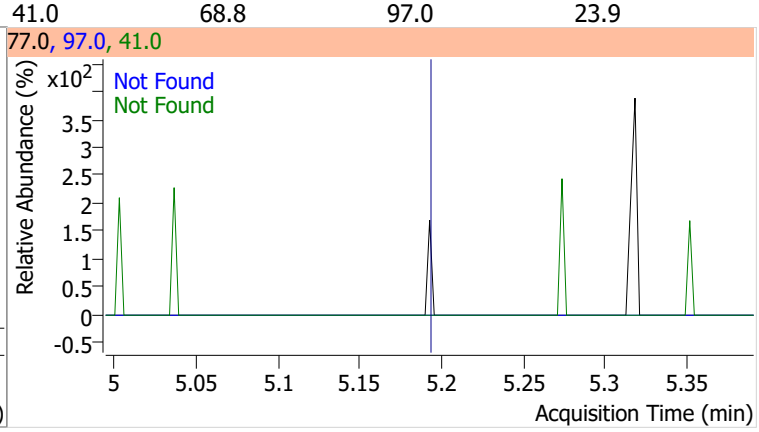
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



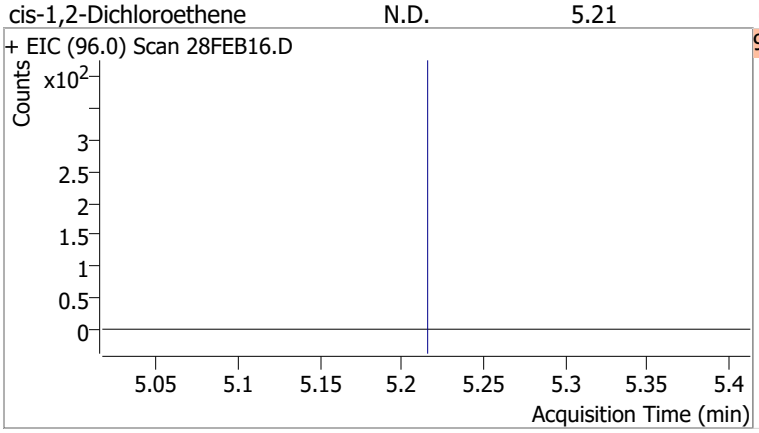


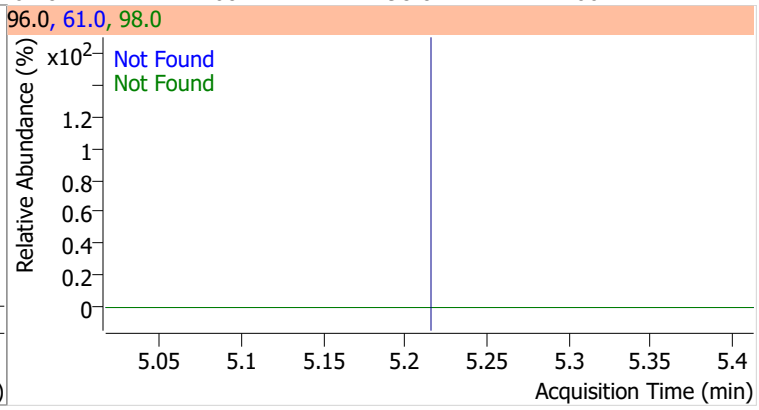
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



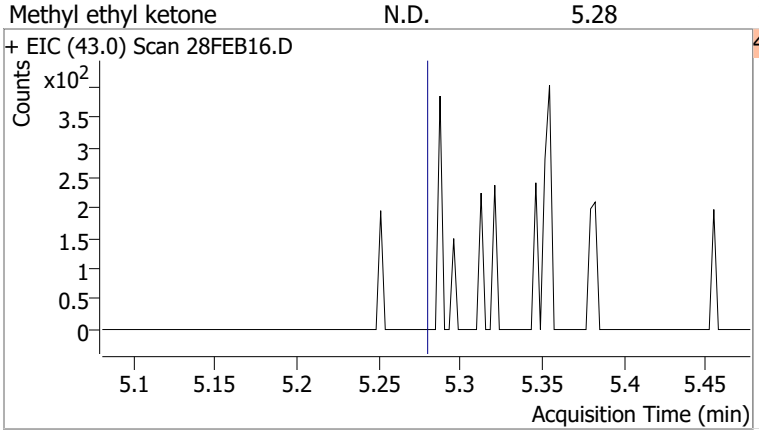


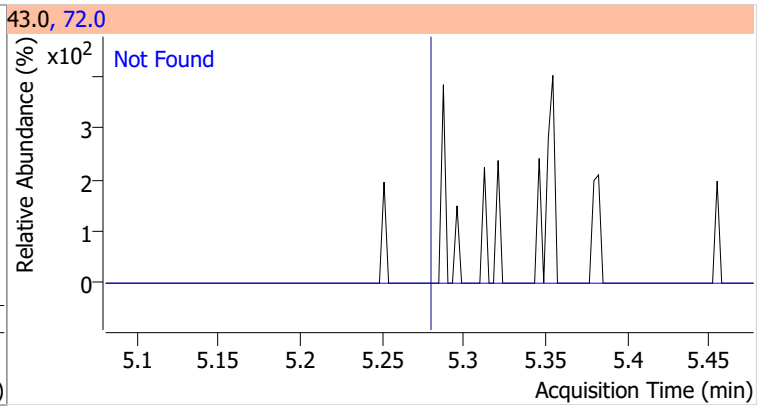
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



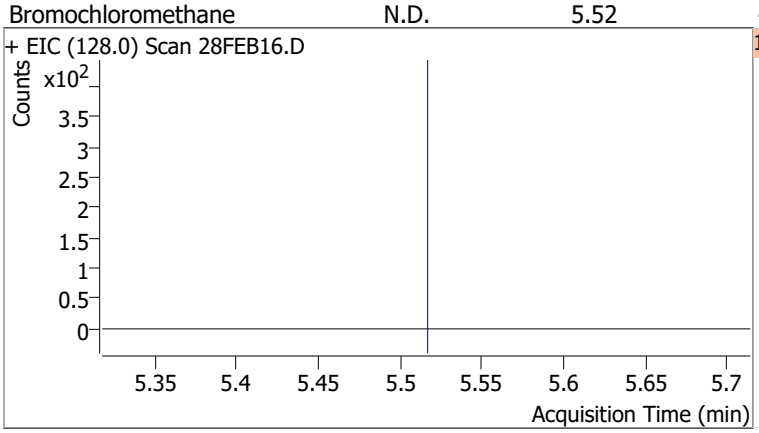


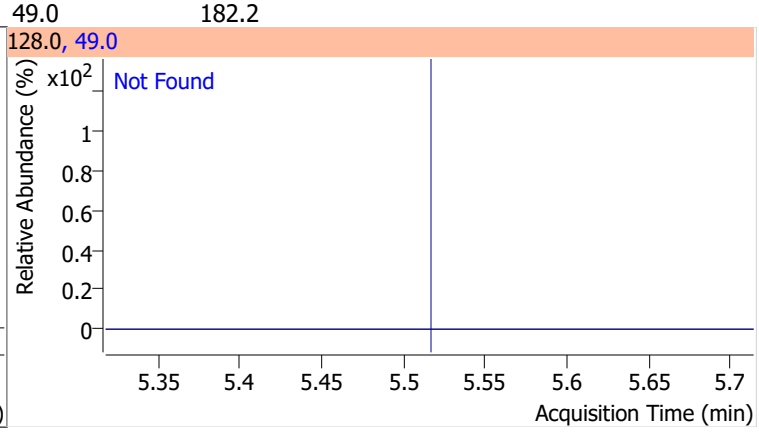
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



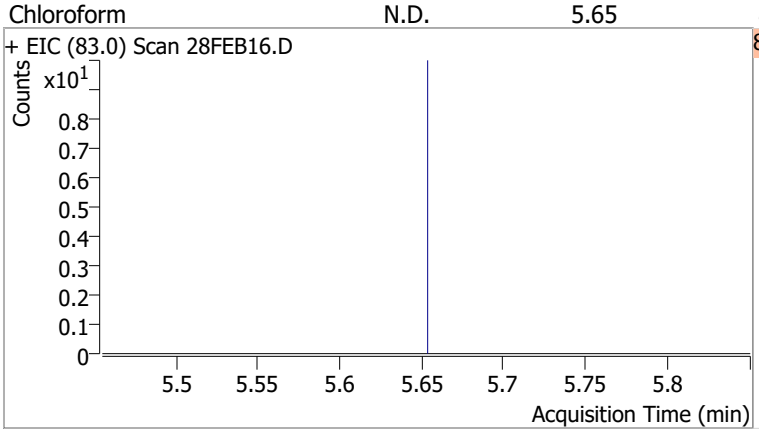


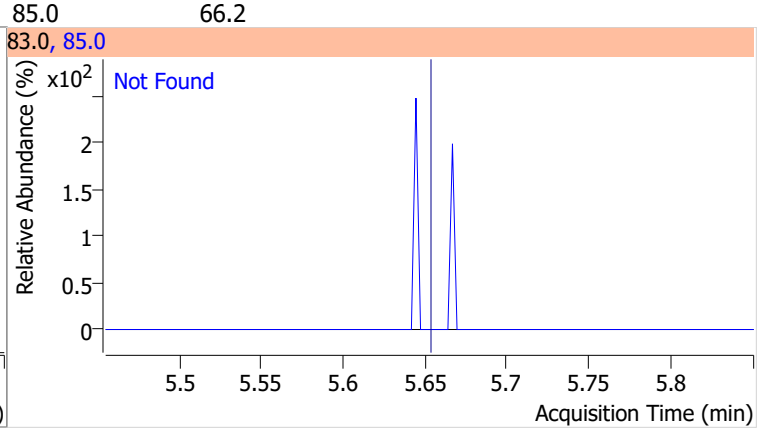
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



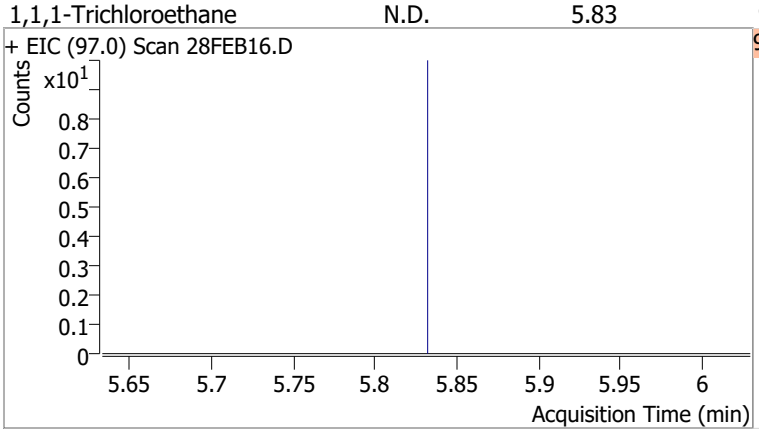


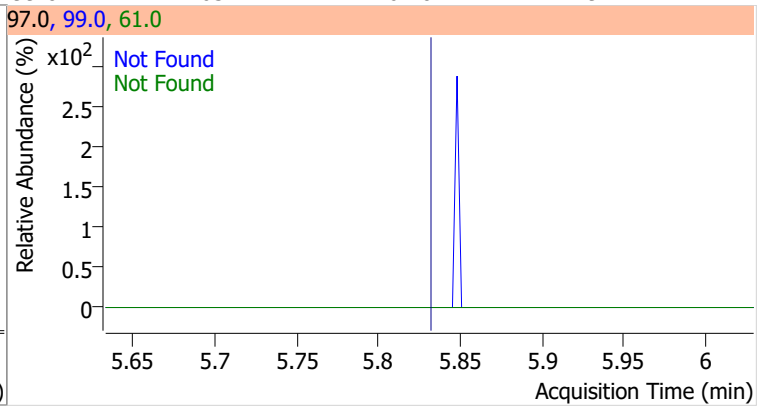
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



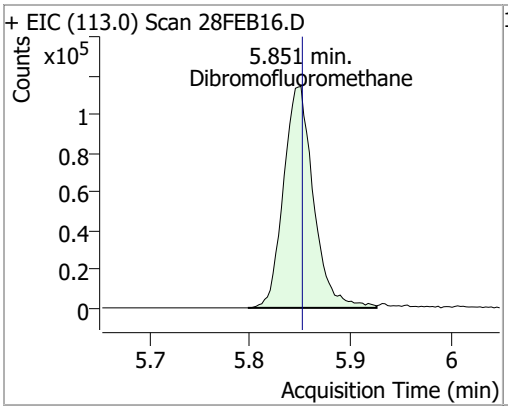


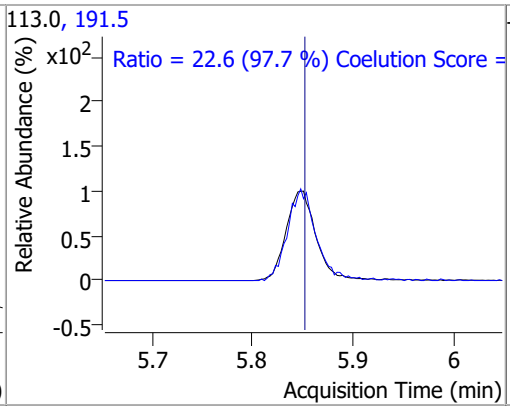
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

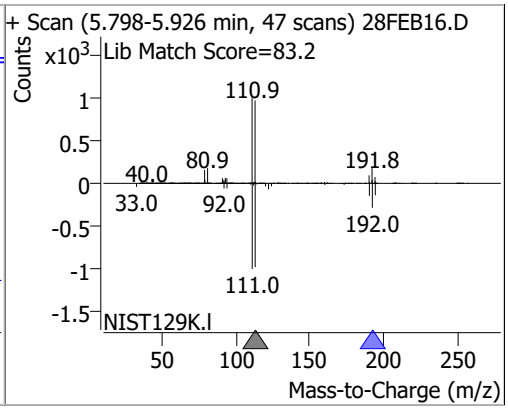




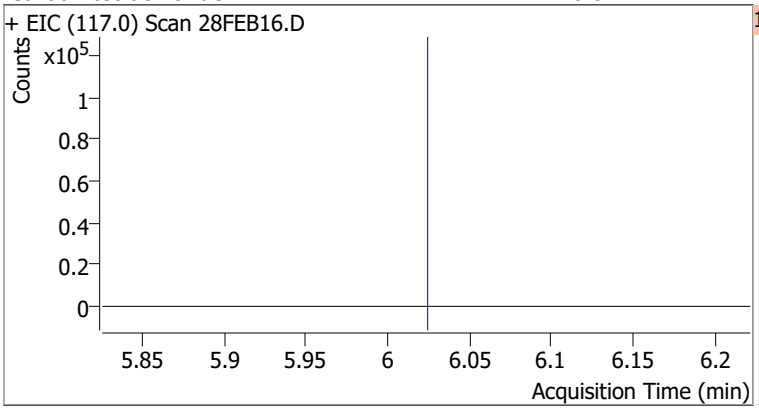
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	273.1596	5.85	0.00	237743	191.5	22.6	0.0	53.2

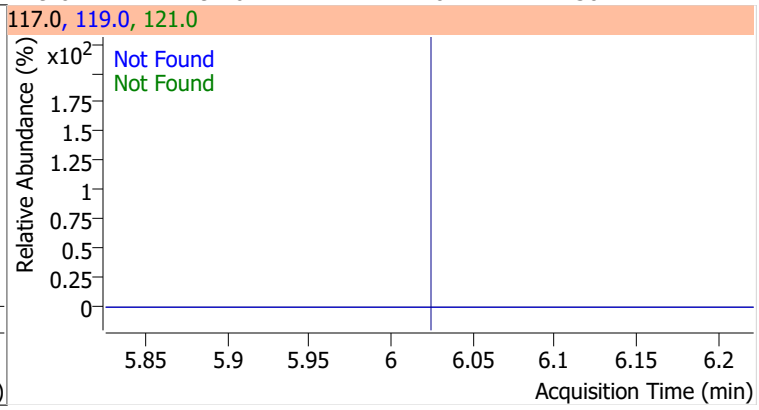




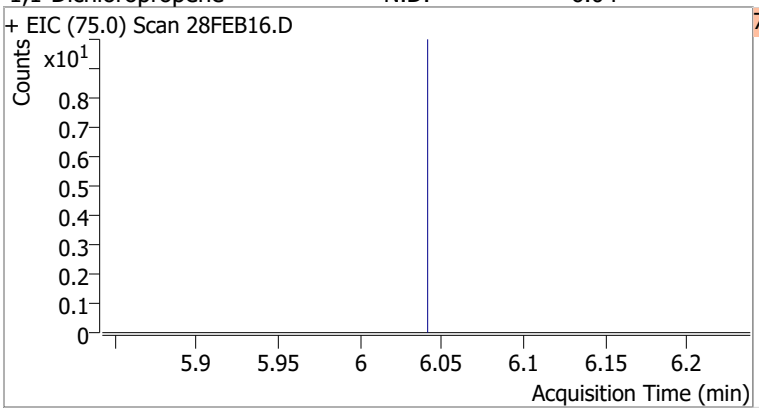


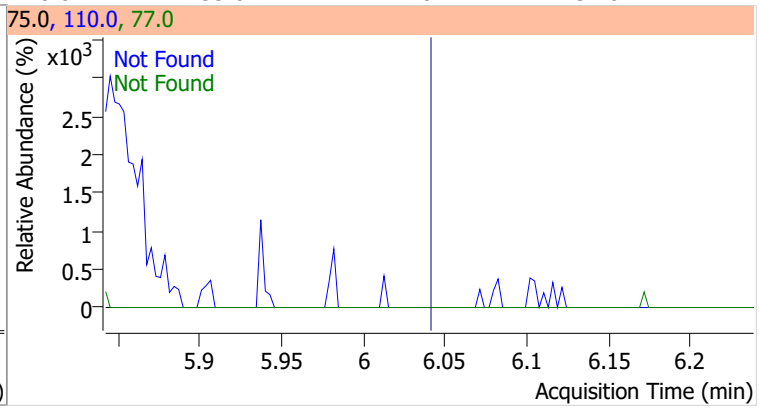
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



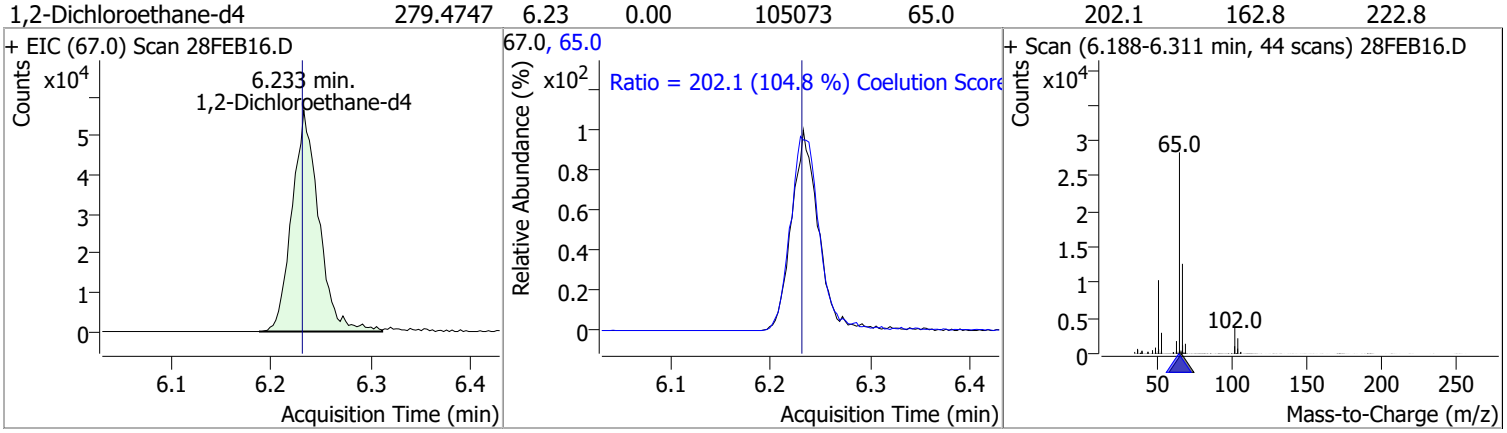


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

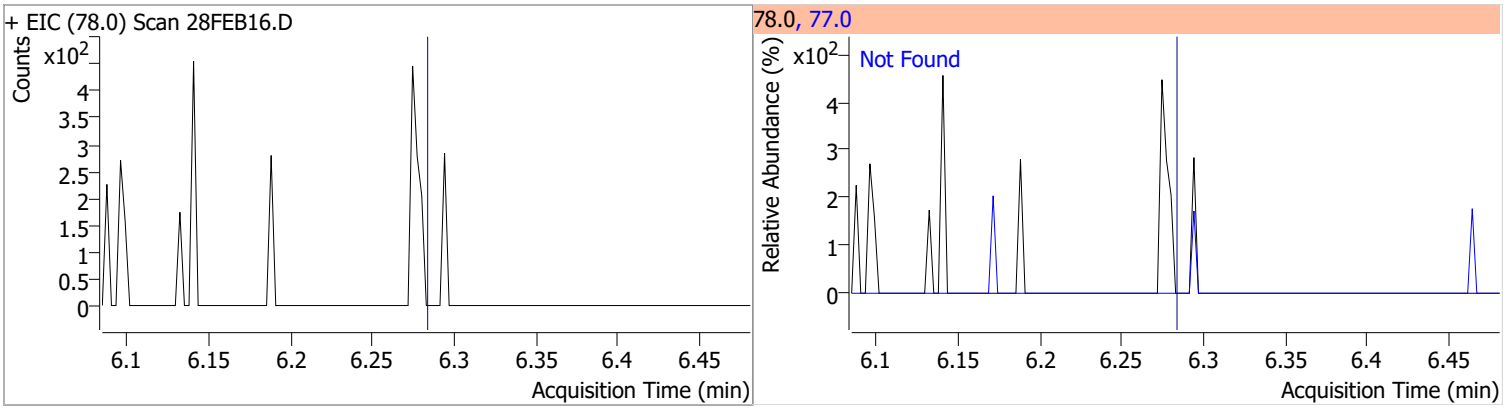




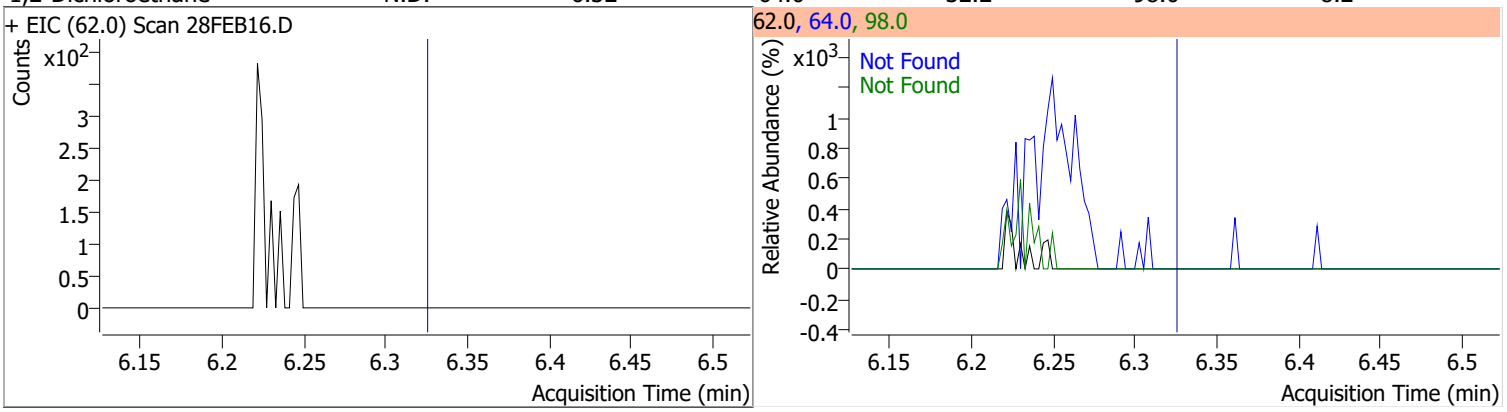
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	279.4747	6.23	0.00	105073	65.0	202.1	162.8	222.8



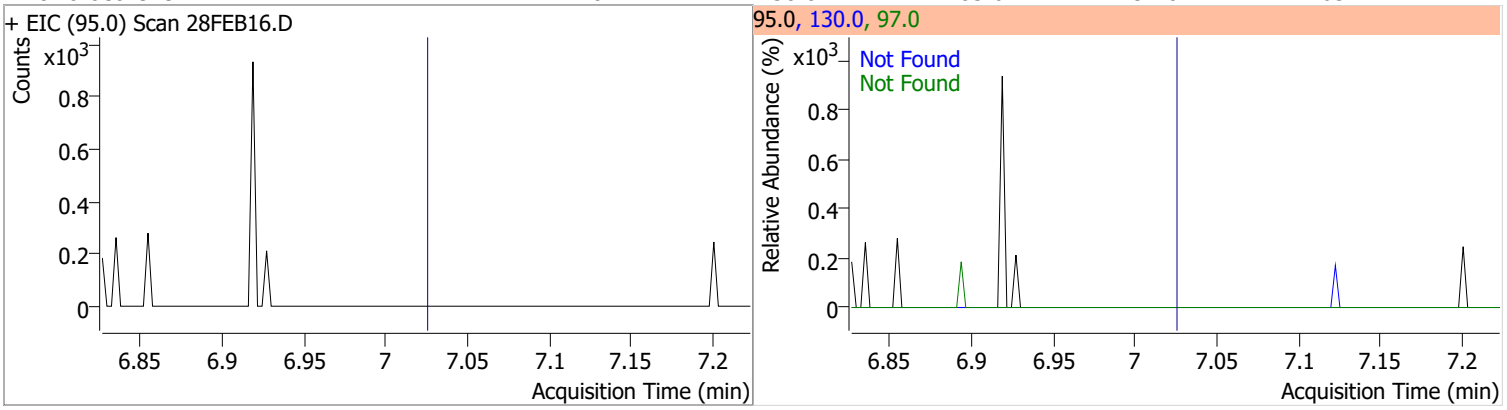
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



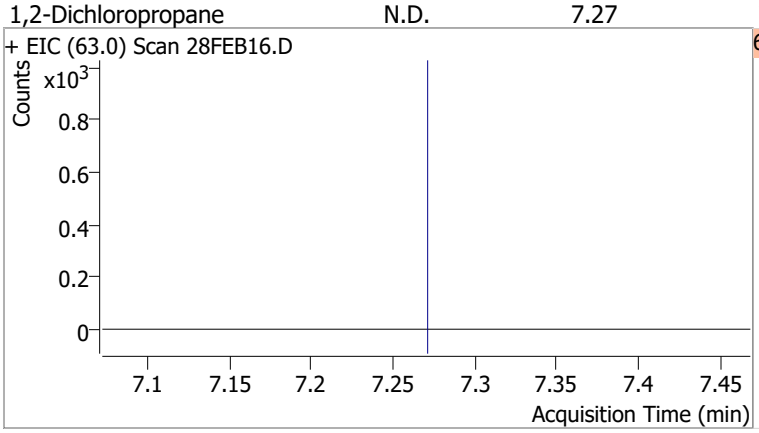
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2

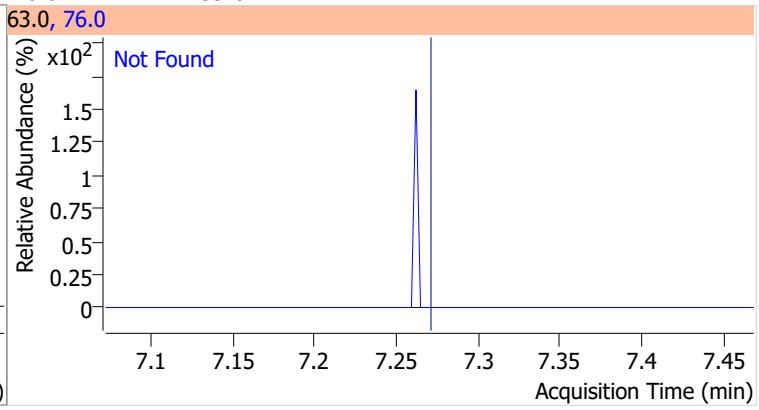


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7

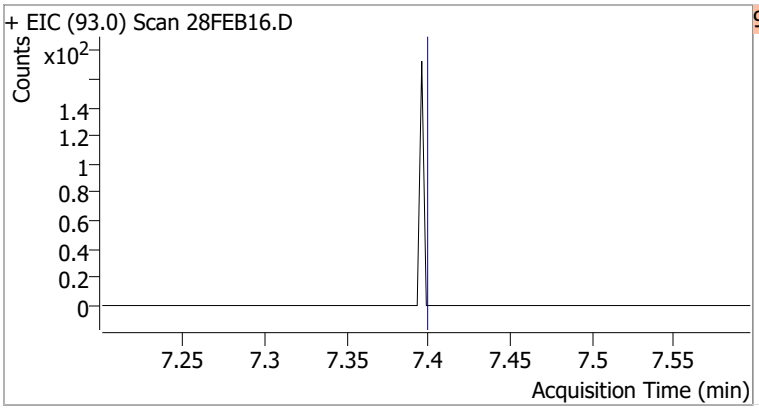


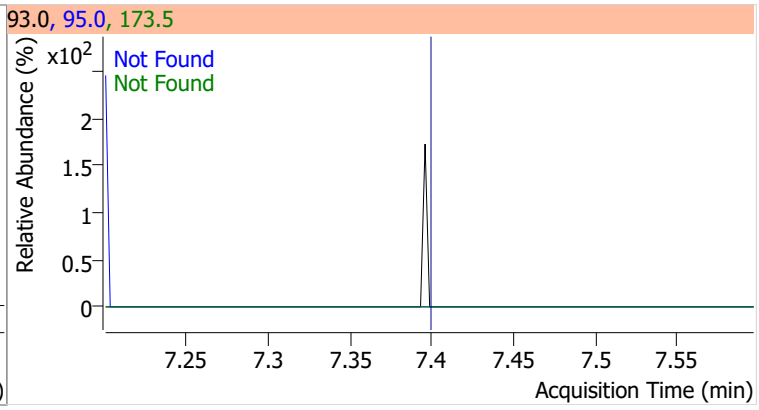
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



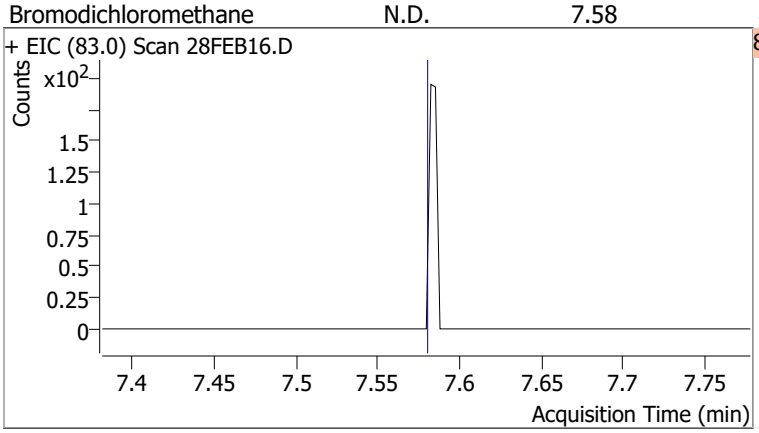


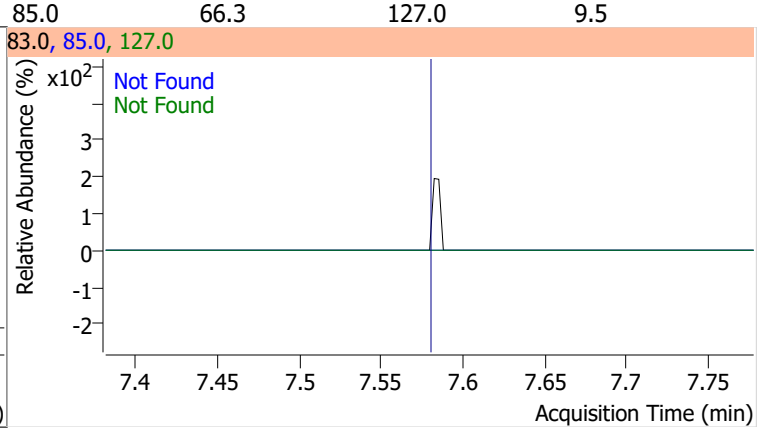
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



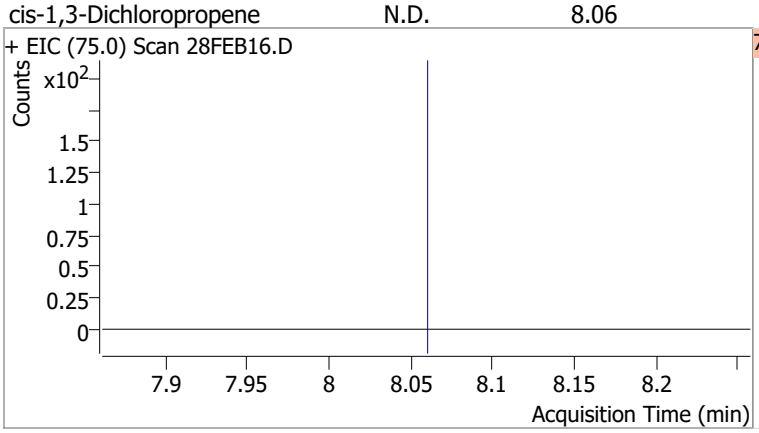


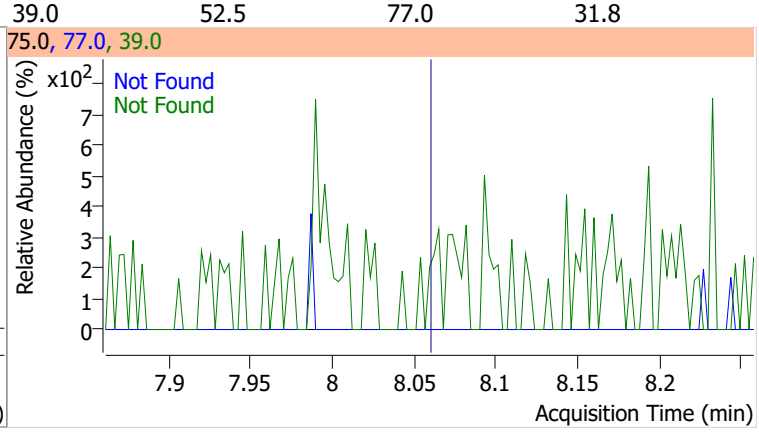
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



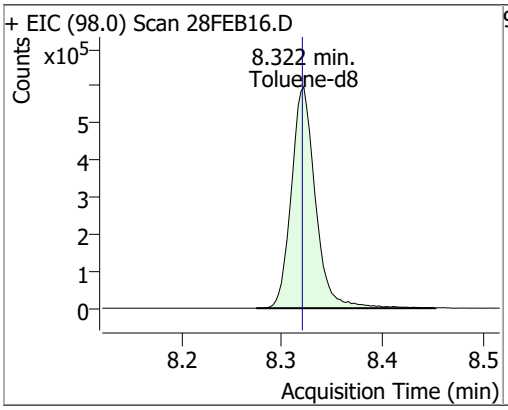


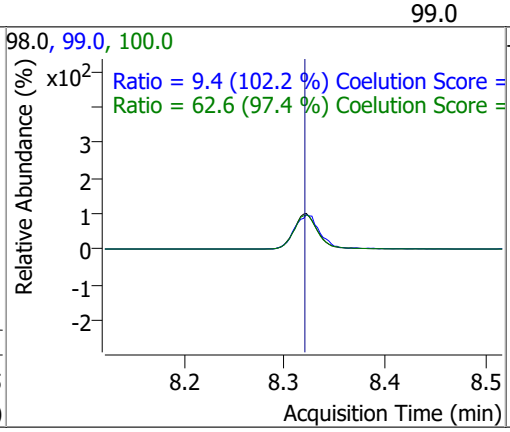
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

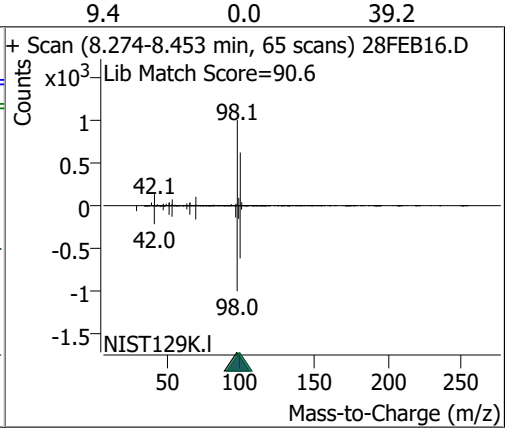




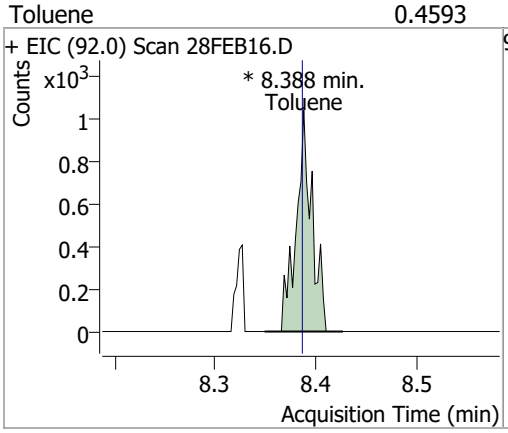
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	266.6175	8.32	0.00	999019	100.0	62.6	34.3	94.3
					99.0	9.4	0.0	39.2

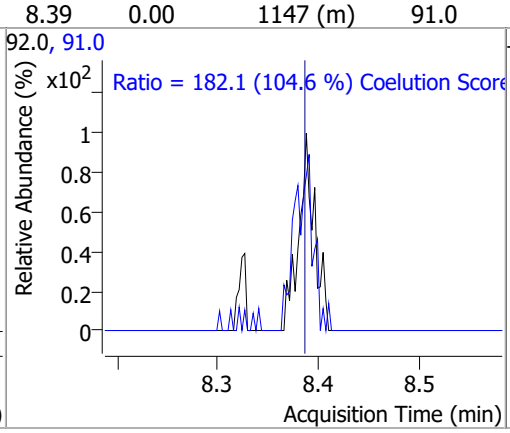


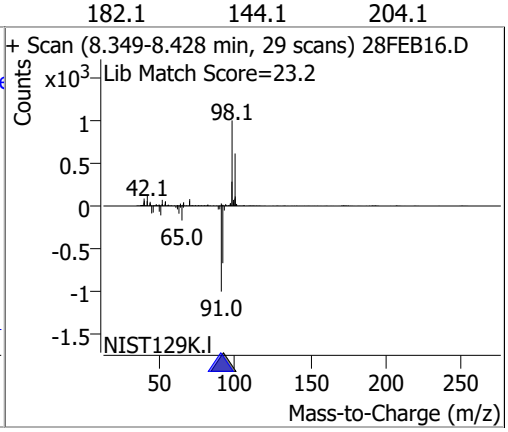




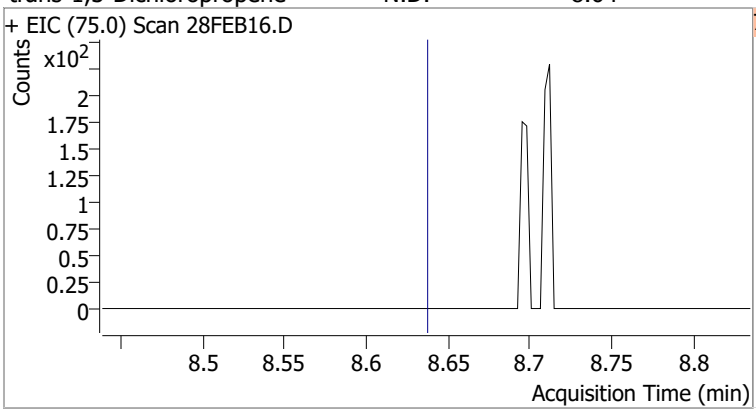
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.4593	8.39	0.00	1147 (m)	91.0	182.1	144.1	204.1

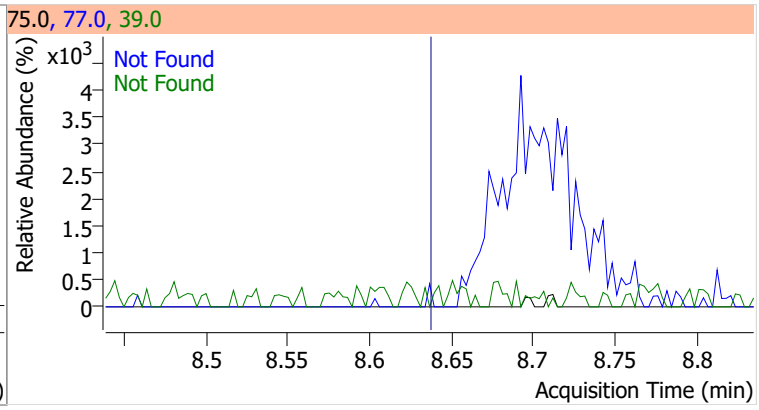




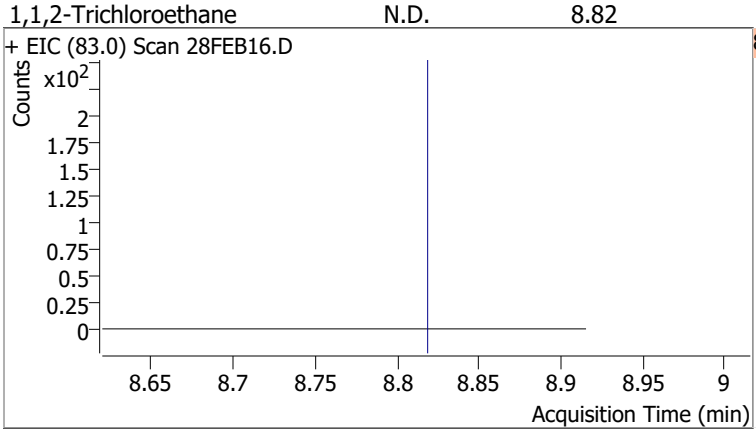


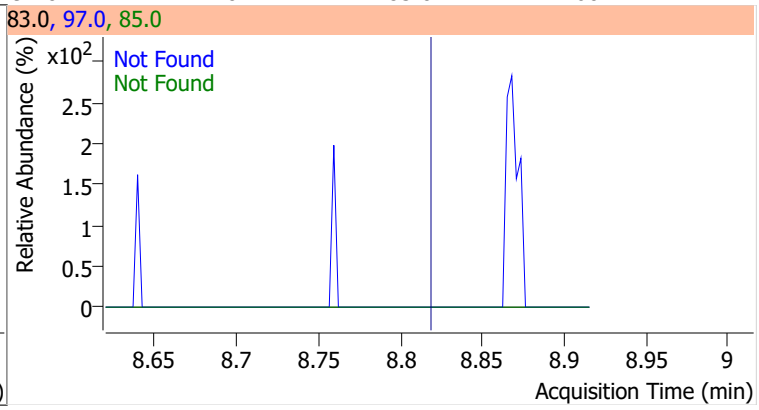
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



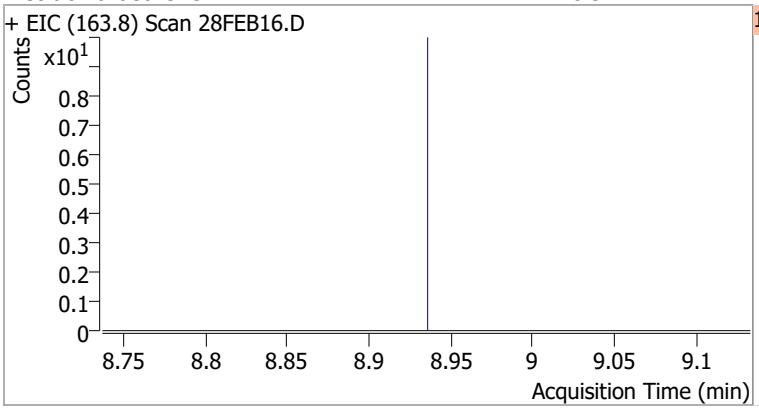


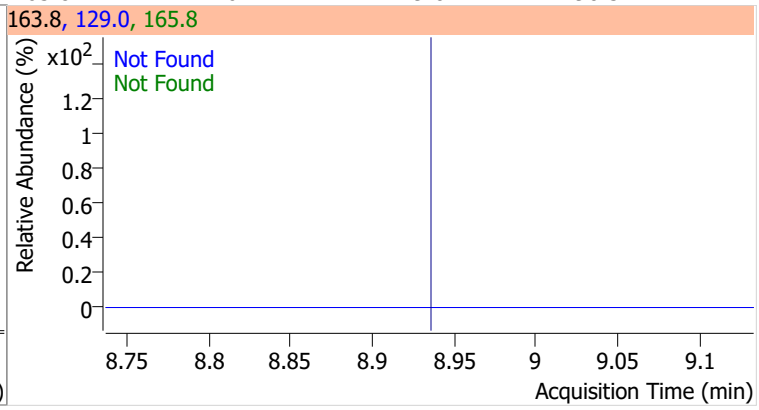
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



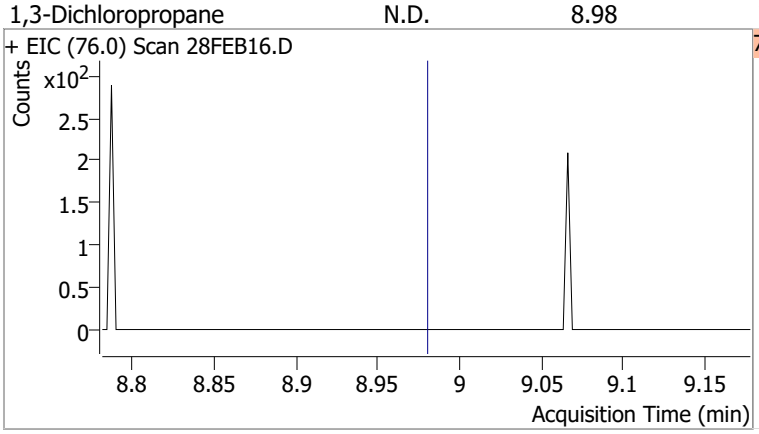


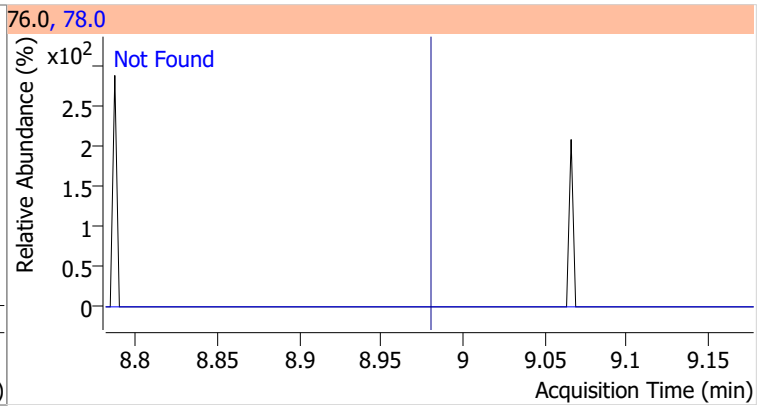
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



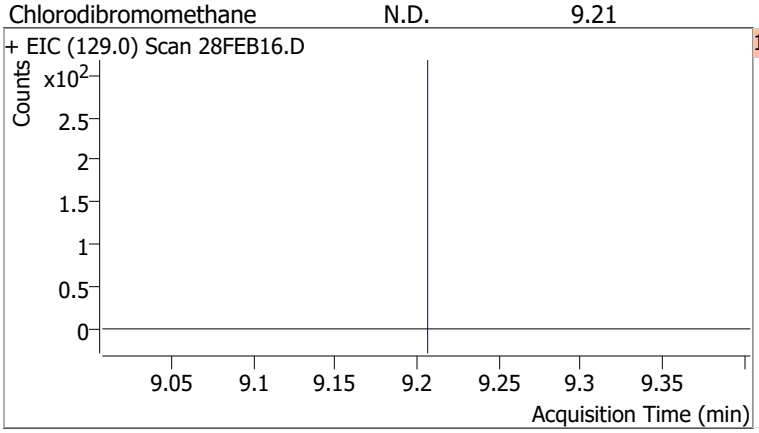


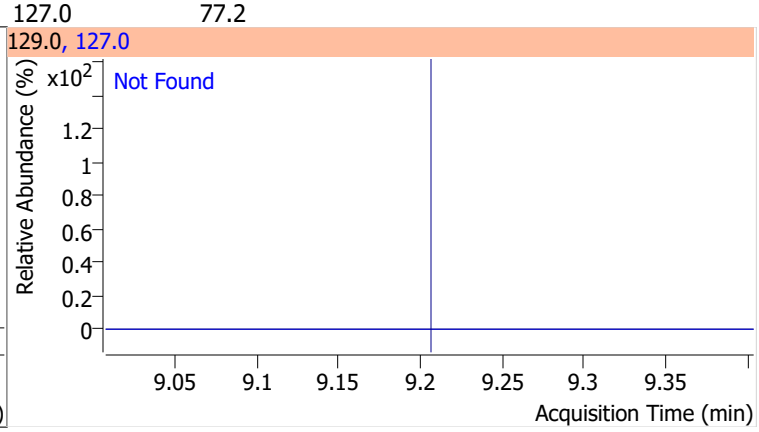
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



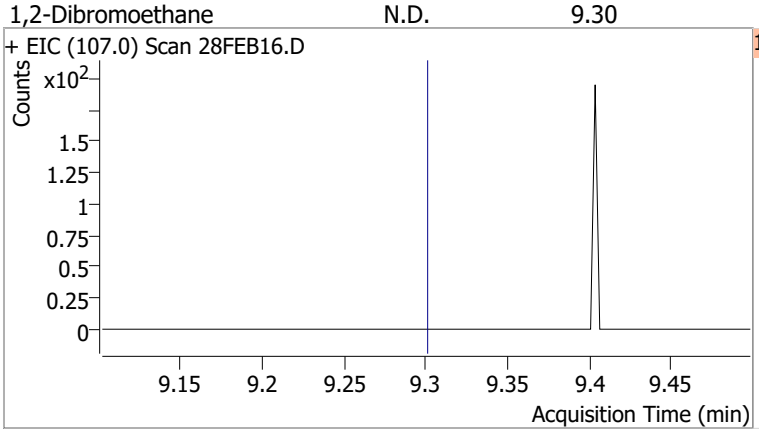


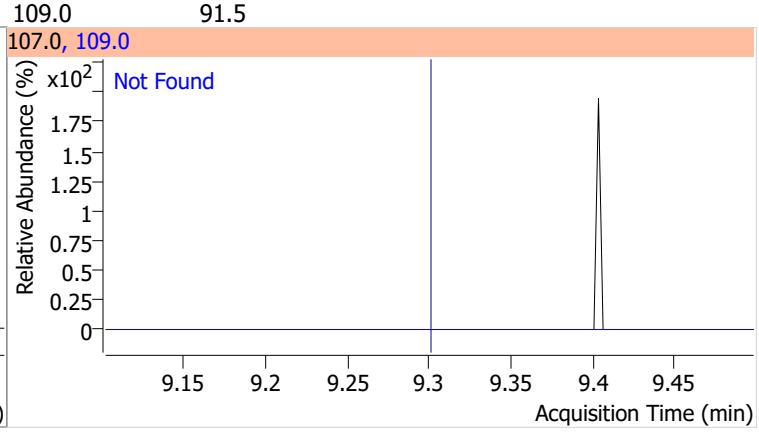
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



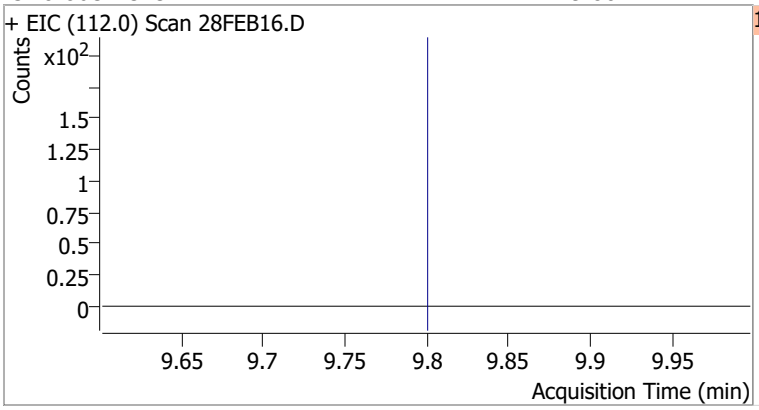


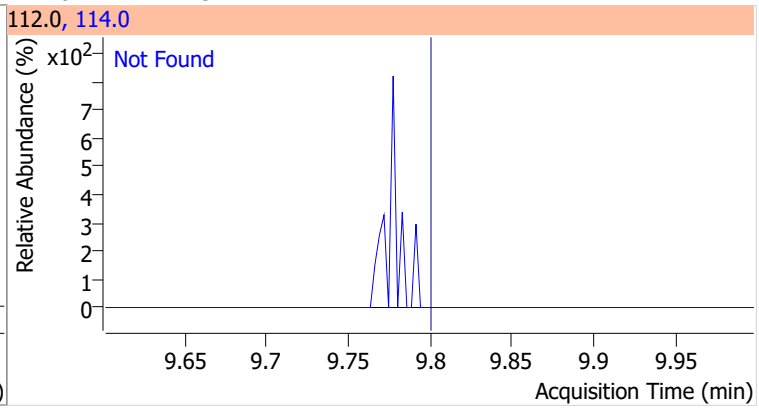
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



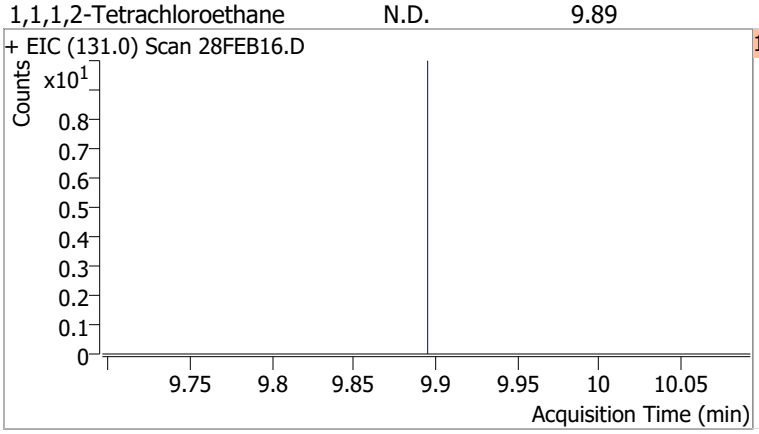


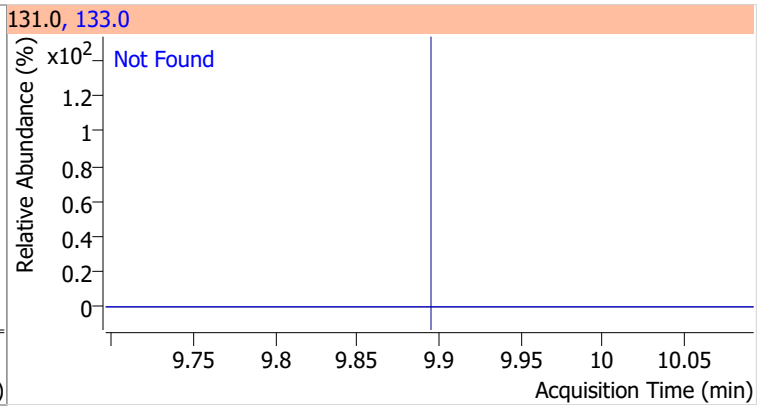
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



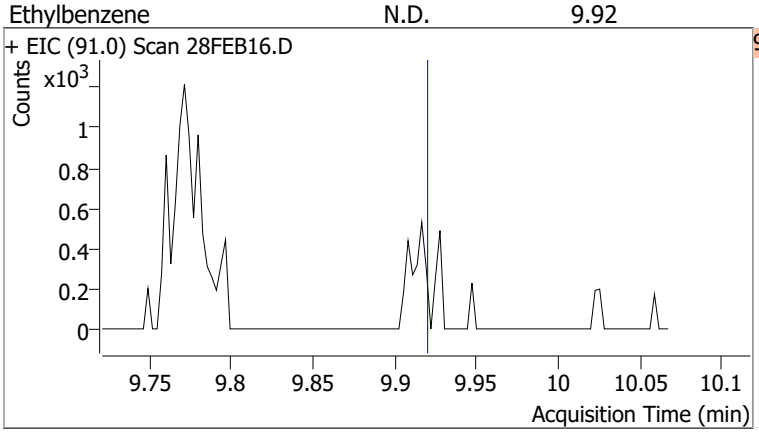


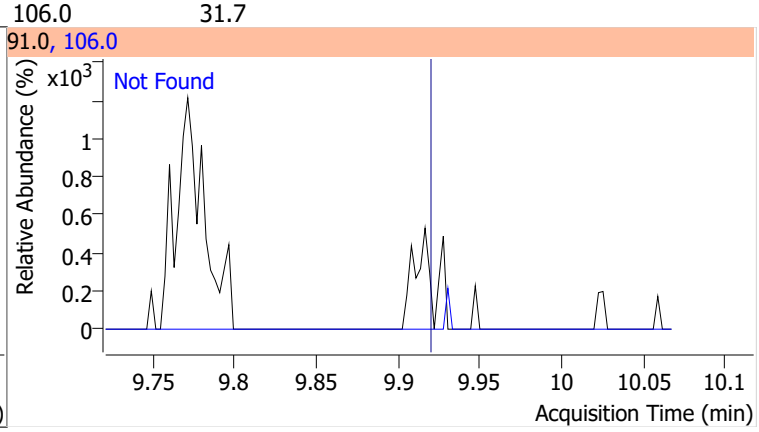
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



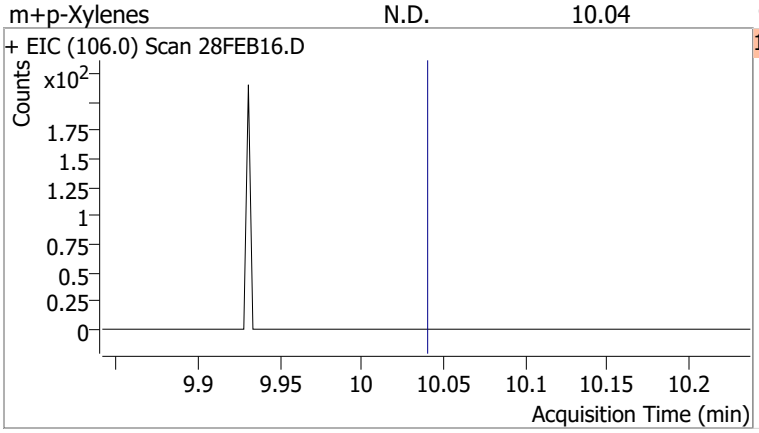


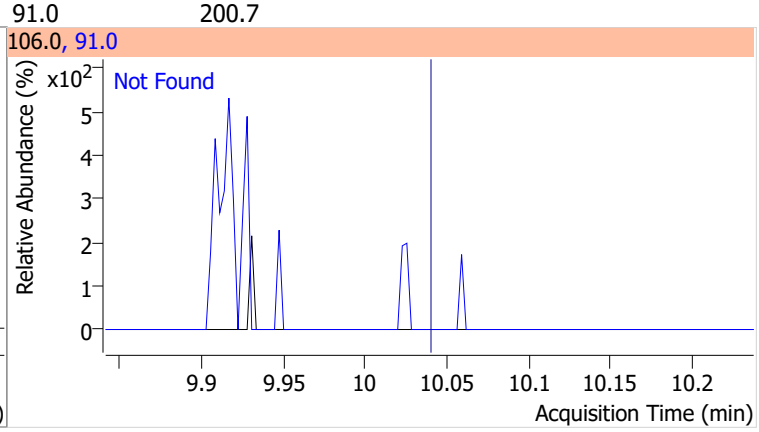
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



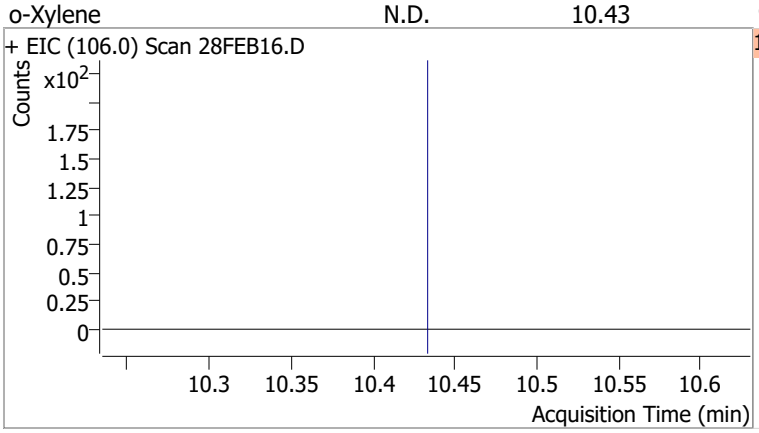


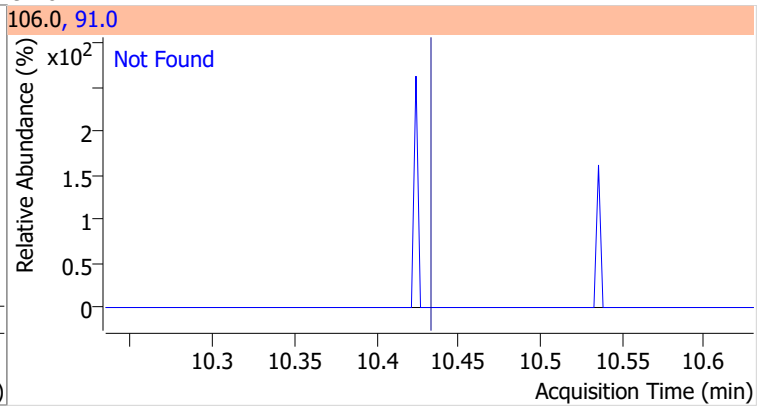
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



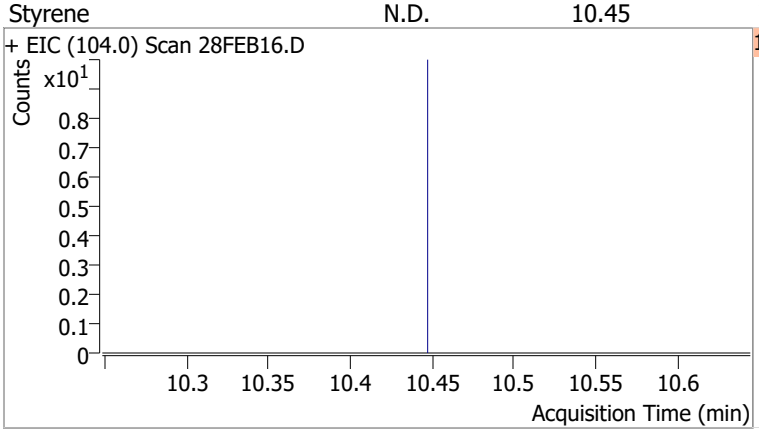


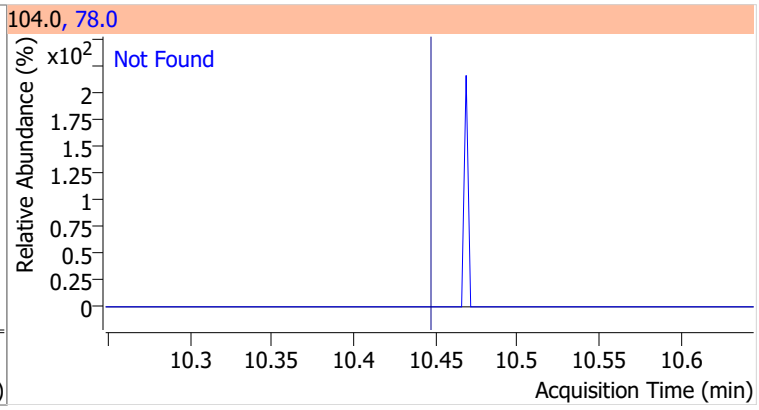
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



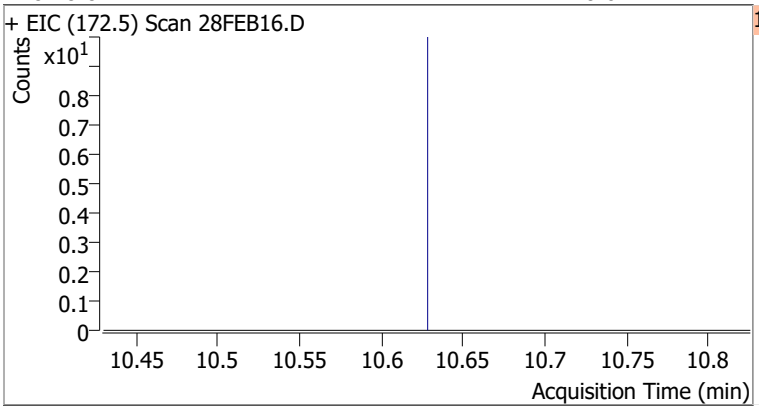


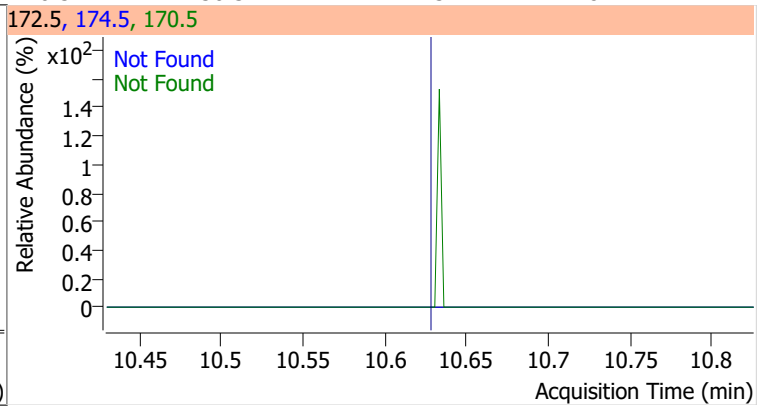
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



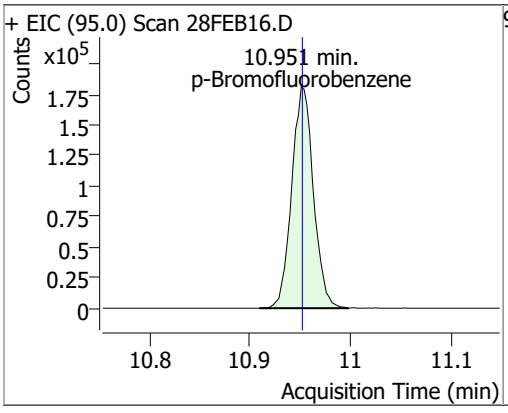


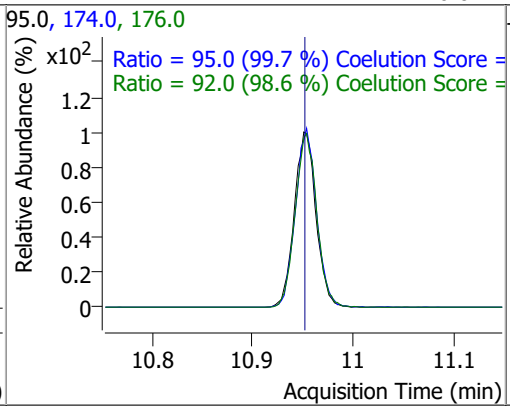
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

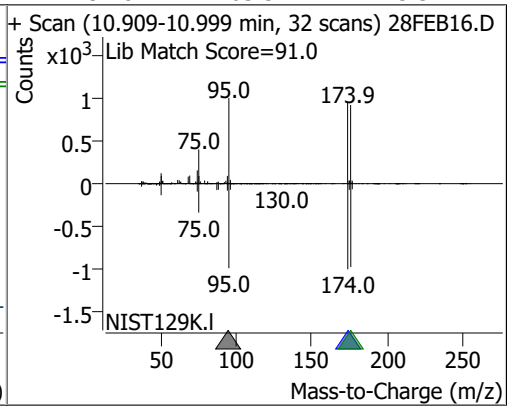




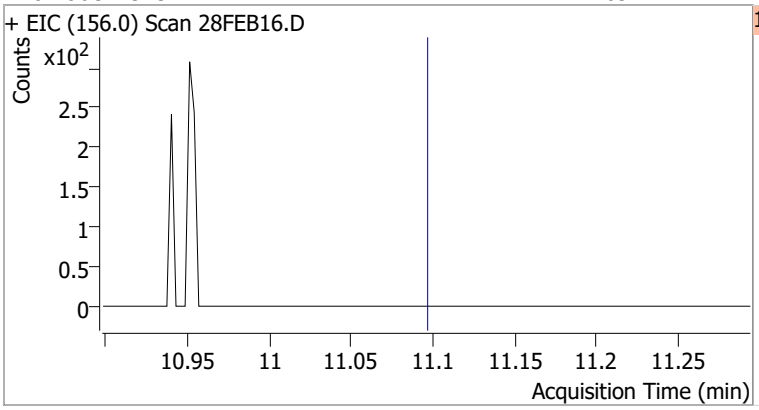
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	277.2096	10.95	0.00	272043	174.0	95.0	65.3	125.3
					176.0	92.0	63.3	123.3

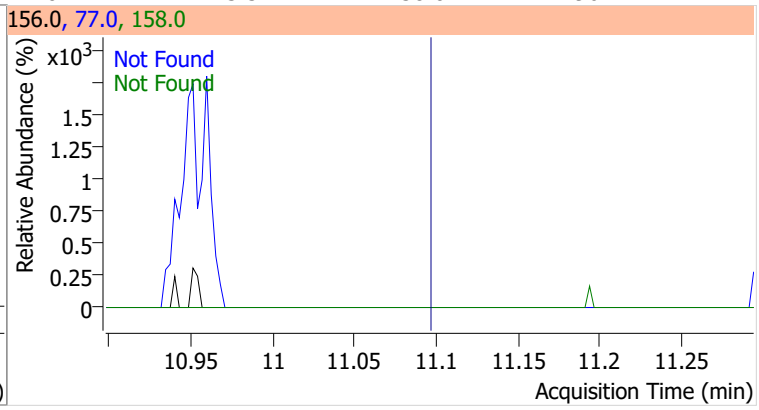




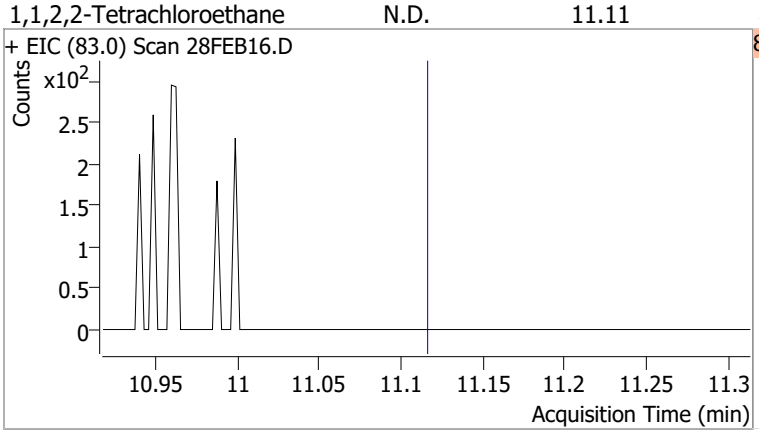


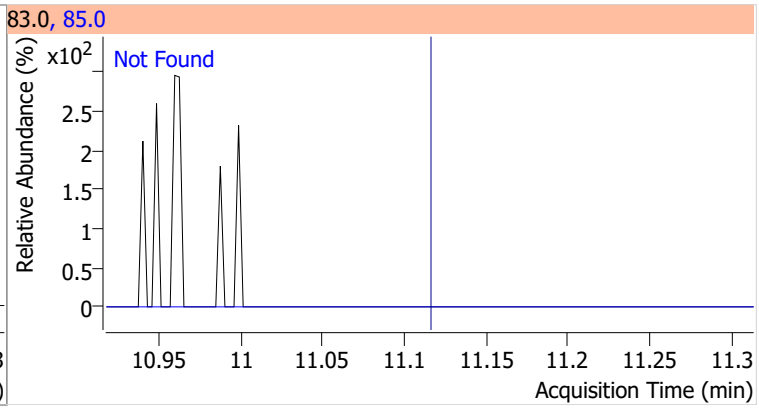
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



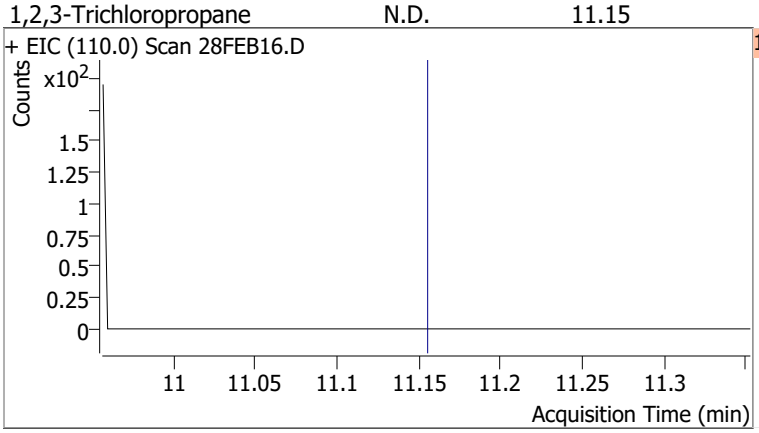


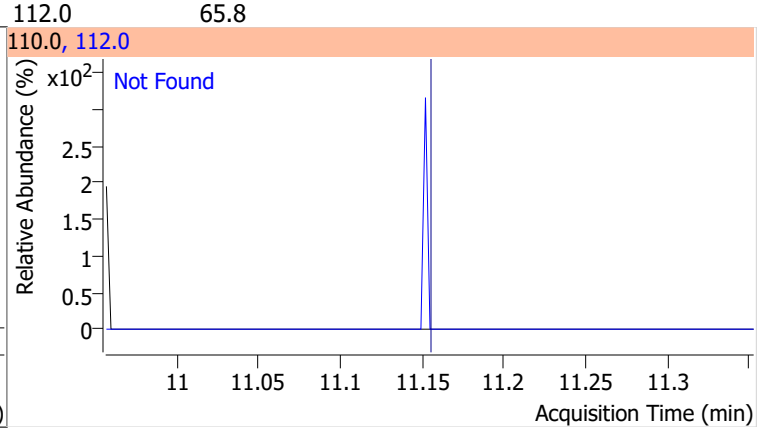
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



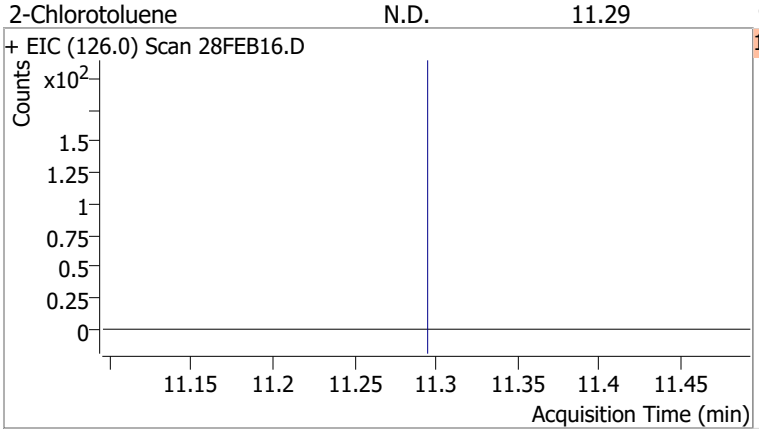


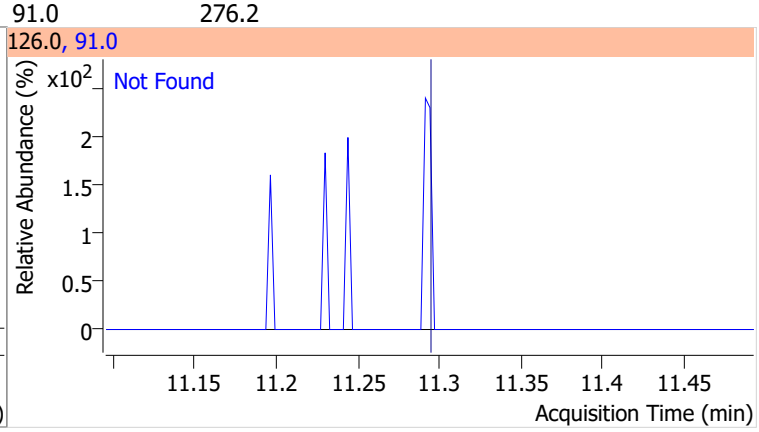
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



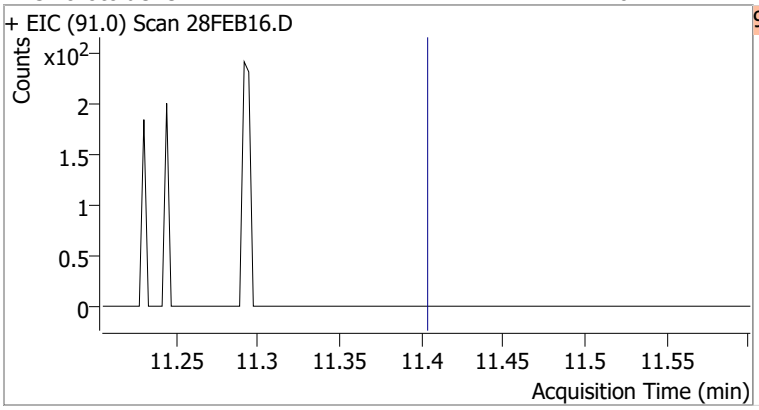


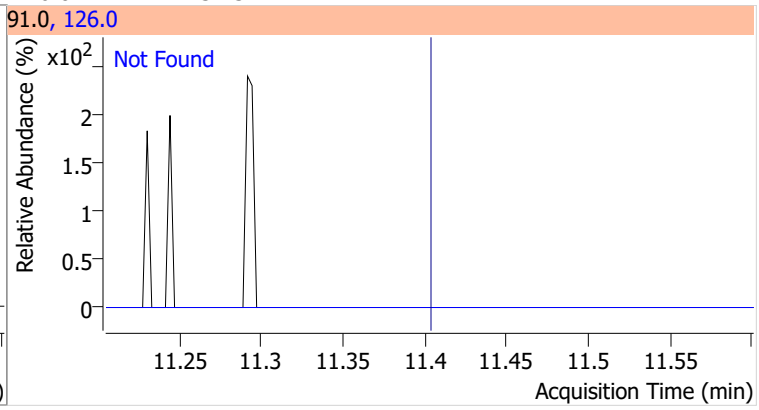
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



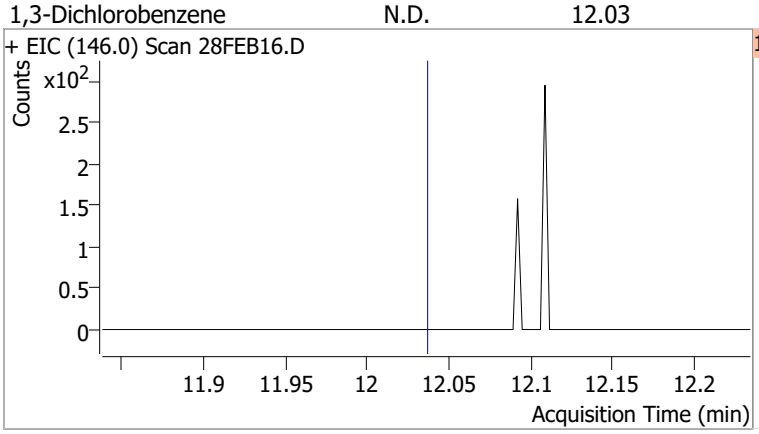


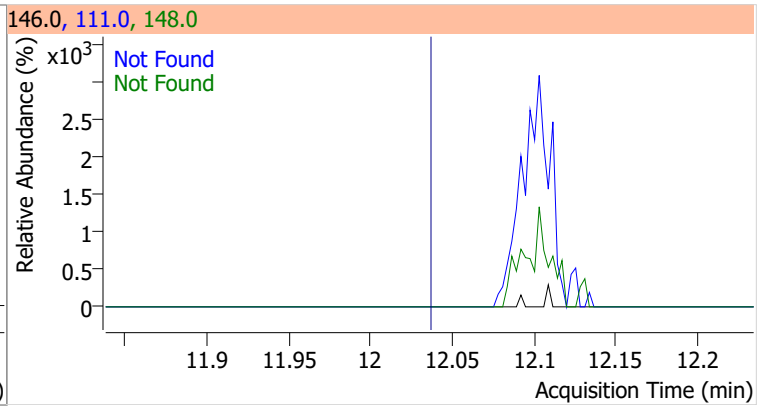
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



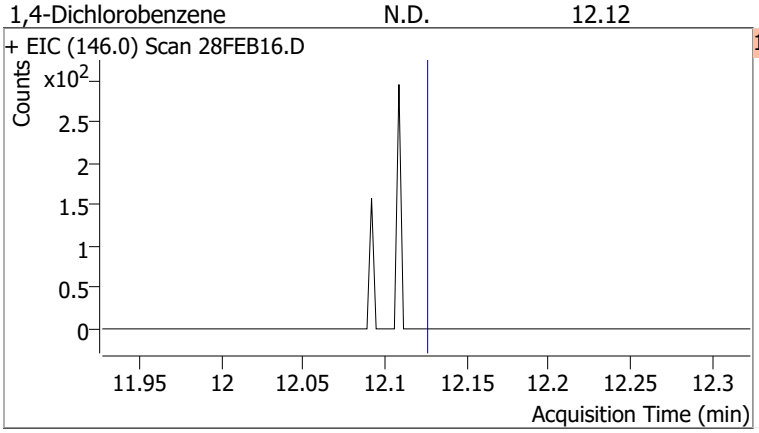


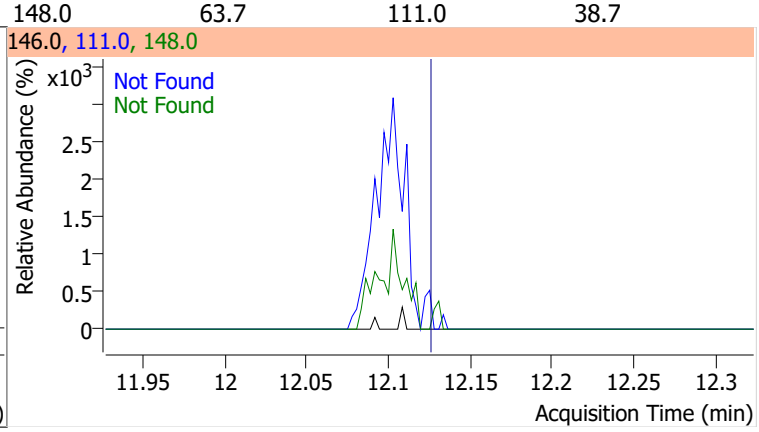
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



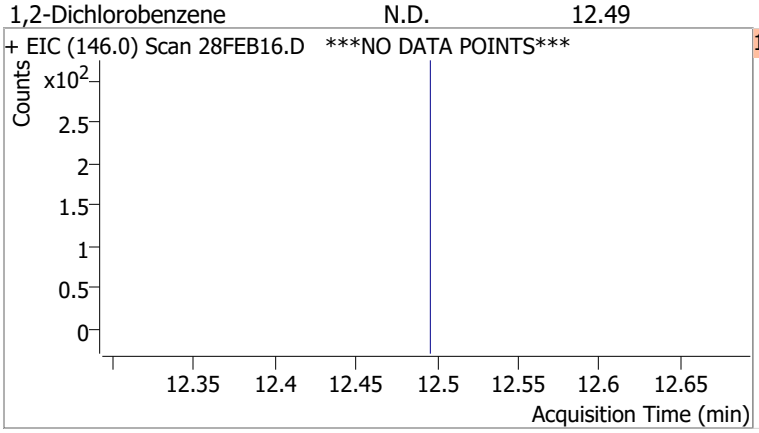


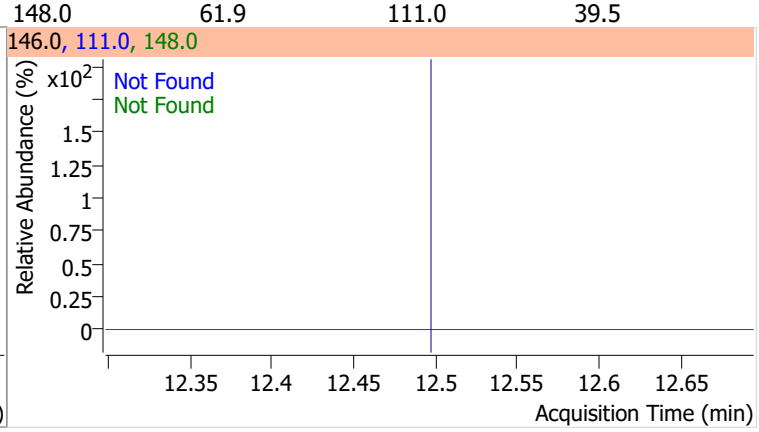
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





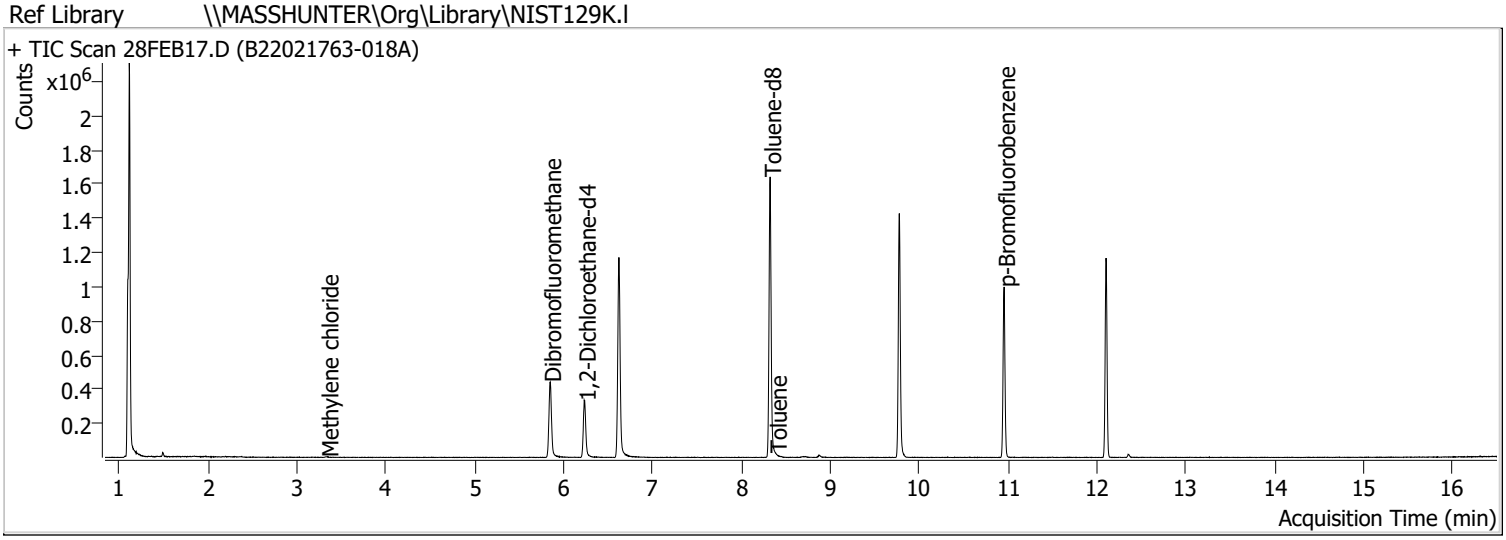
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB17.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 5:41:16 PM
Sample Name	B22021763-018A	Instrument	VOA5975C
Vial	17	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

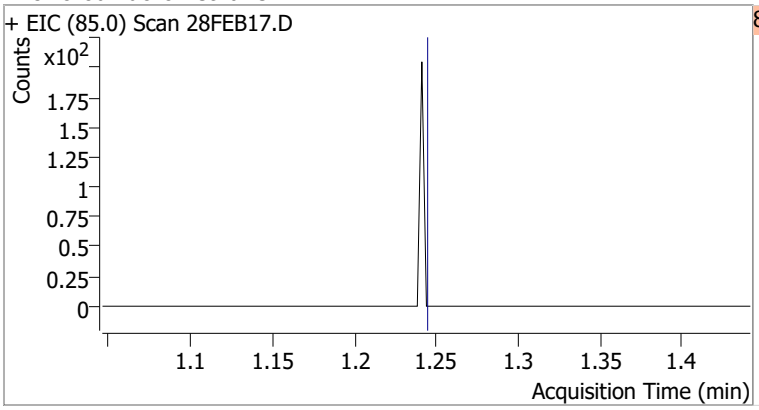


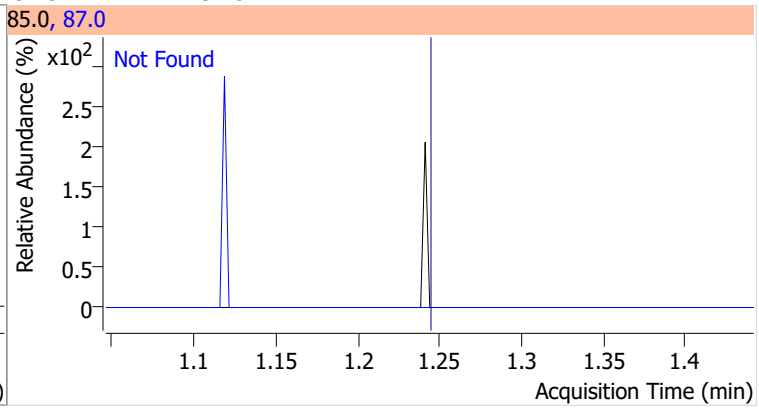
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	1019795	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	396645	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	274150	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	270359	273.7105	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.48%		
S 1,2-Dichloroethane-d4	6.236	67.0	121401	284.5218	ng	0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 113.81%		
S Toluene-d8	8.322	98.0	1017403	262.9184	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.17%		
S p-Bromofluorobenzene	10.954	95.0	275247	271.9226	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.77%		
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	3.341	49.0	2593	1.7394	ng	99
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	8.386	92.0	985	0.3818	ng	m	90
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.			

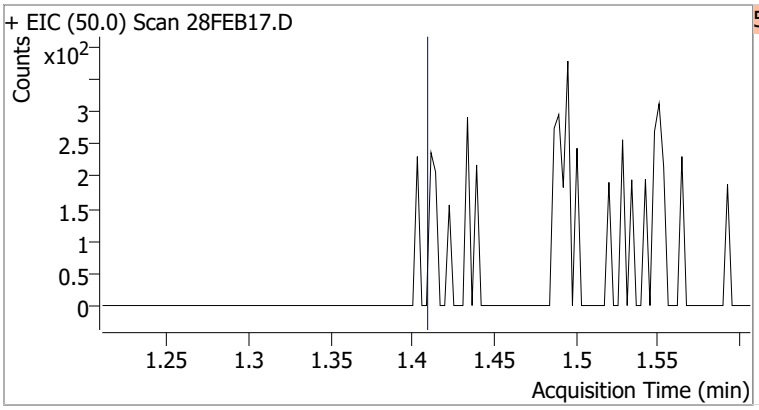
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

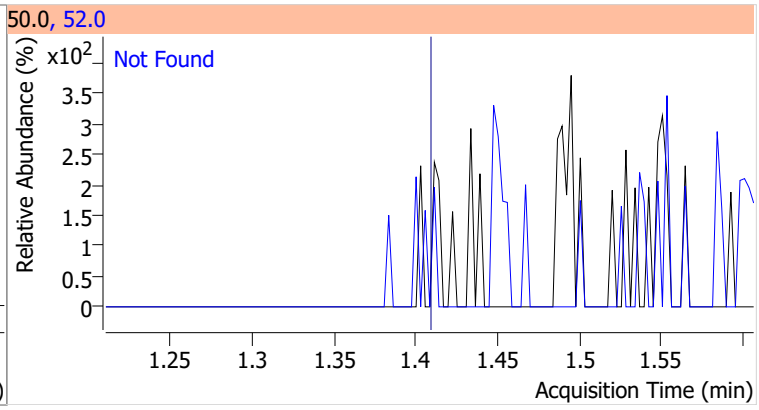
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



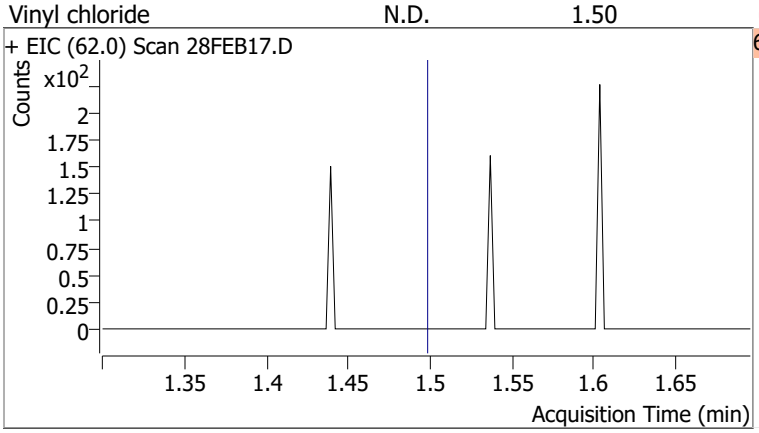


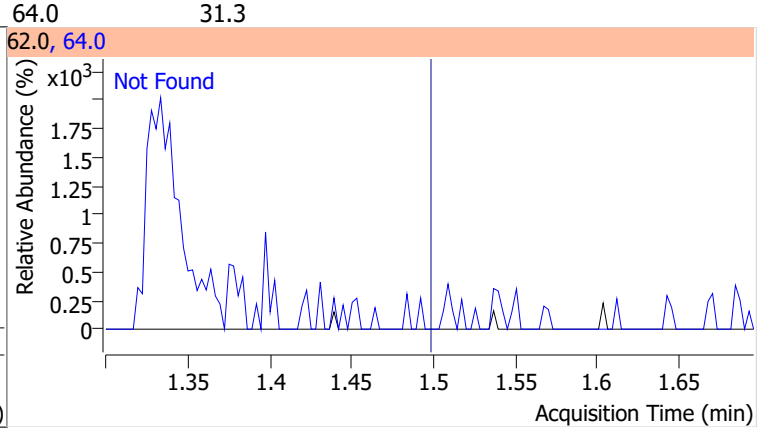
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



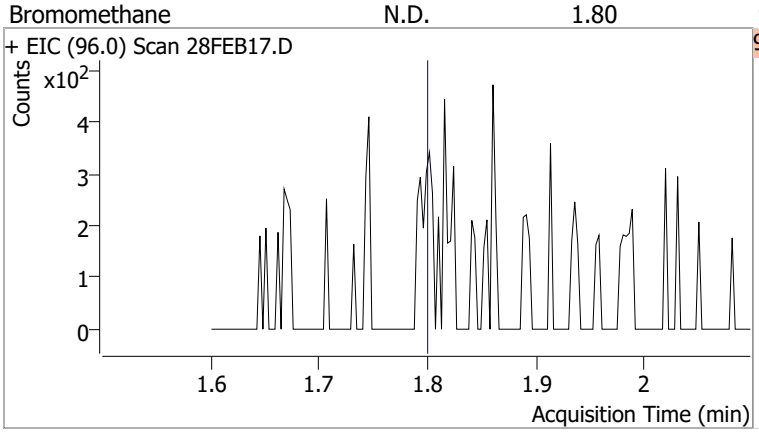


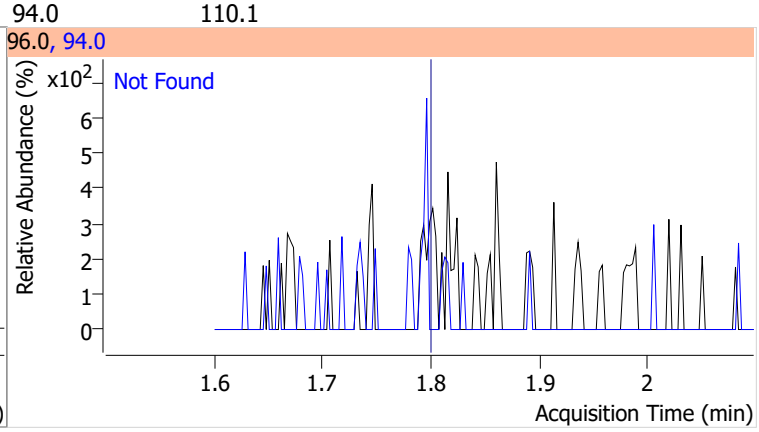
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



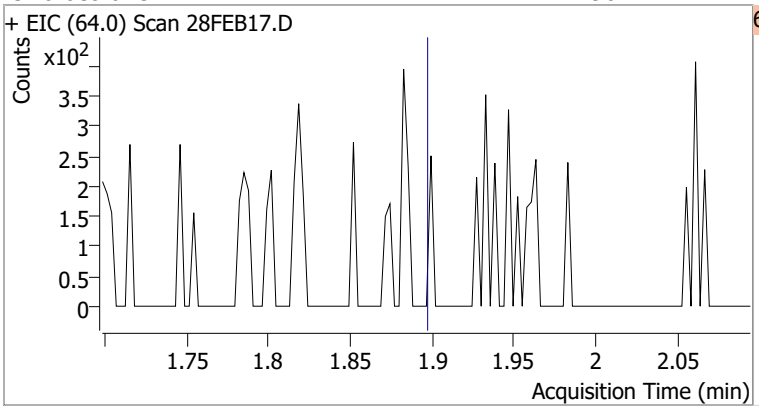


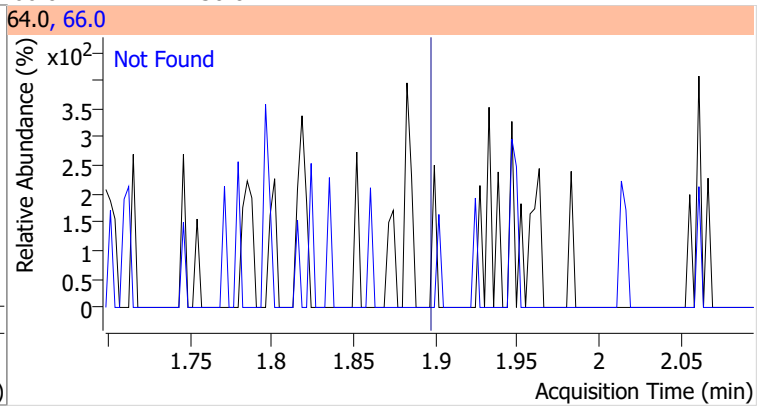
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



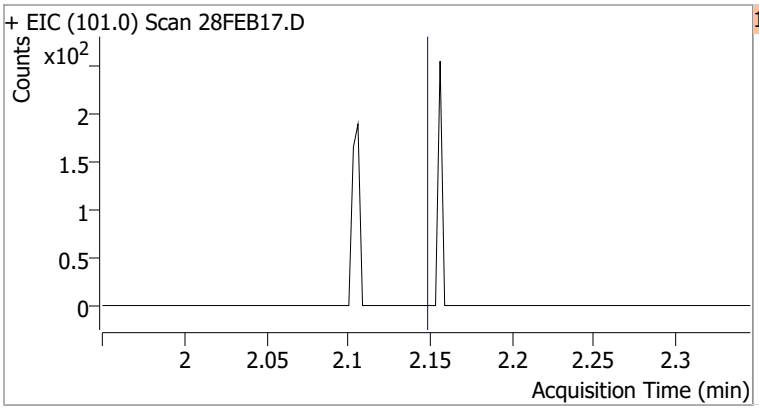


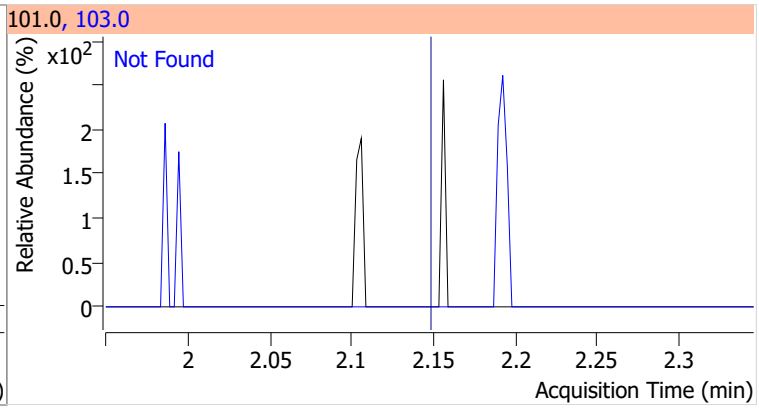
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



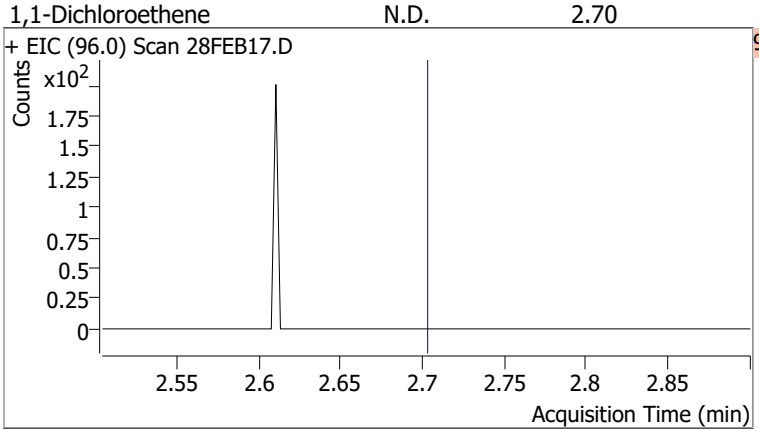


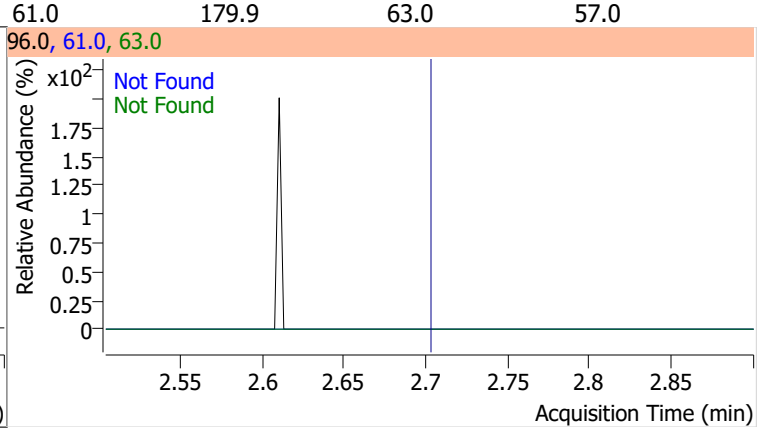
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



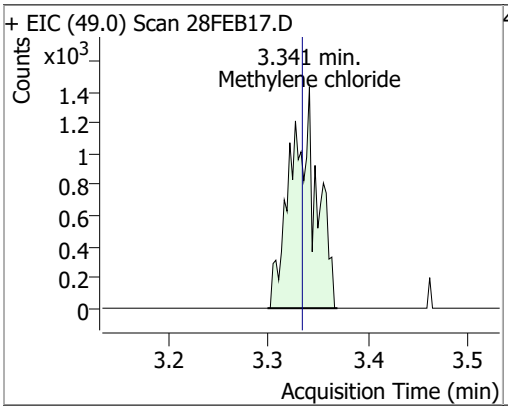


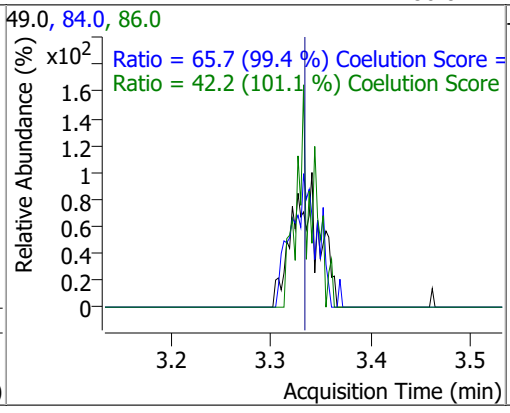
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

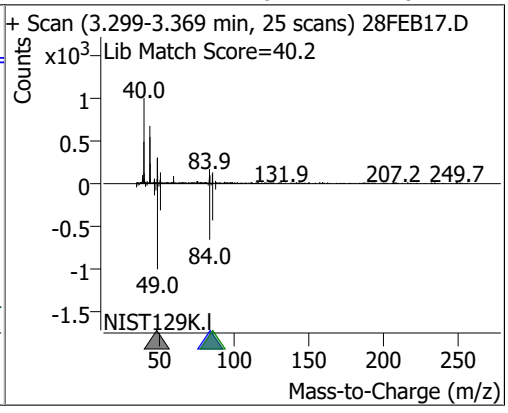




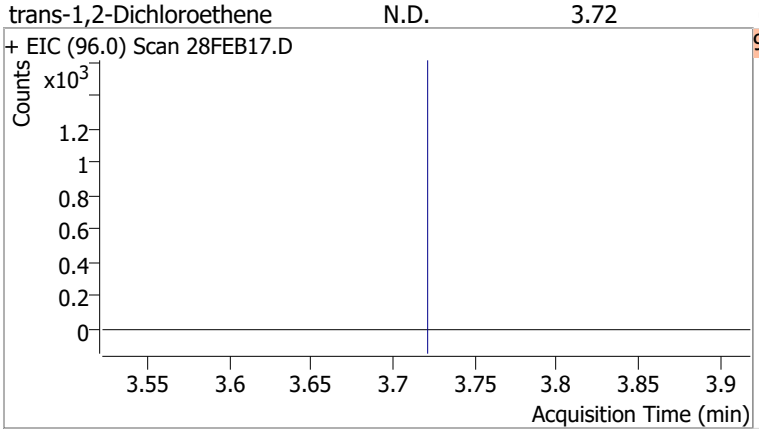
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.7394	3.34	0.01	2593	84.0	65.7	36.1	96.1
					86.0	42.2	11.8	71.8

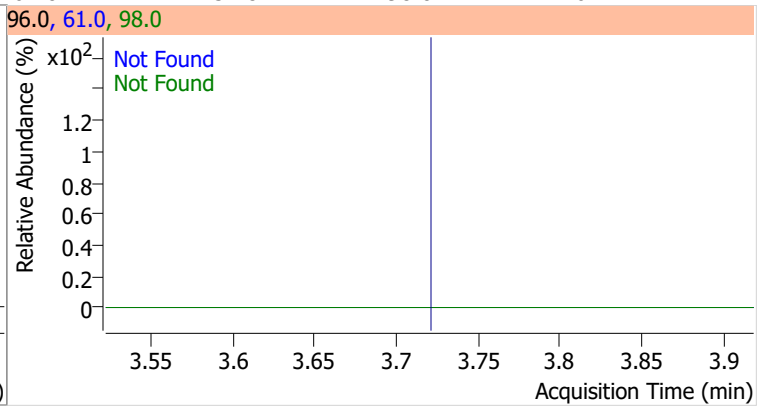




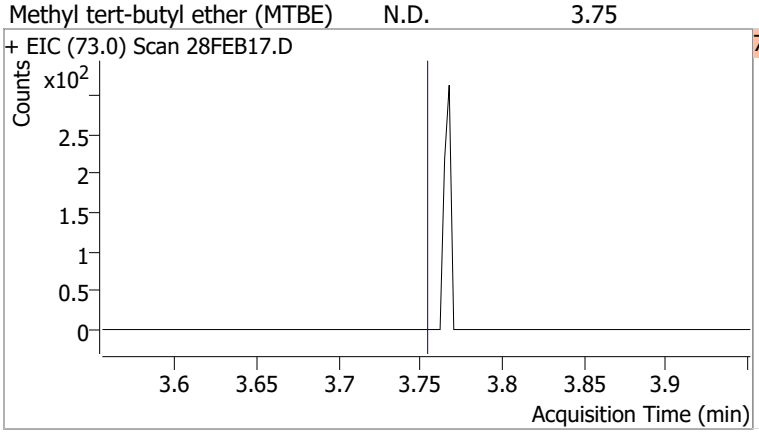


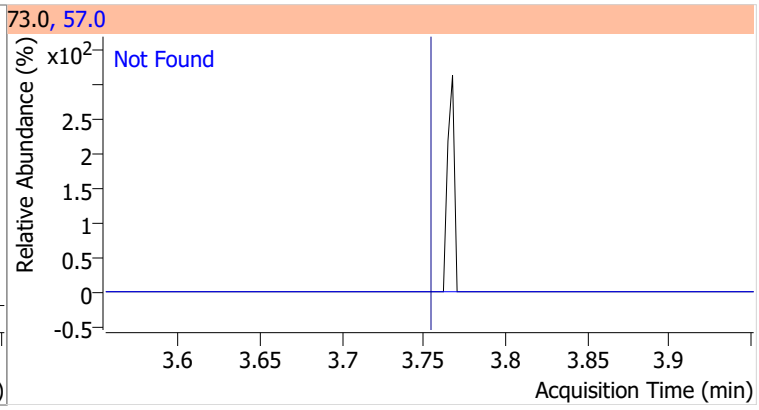
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



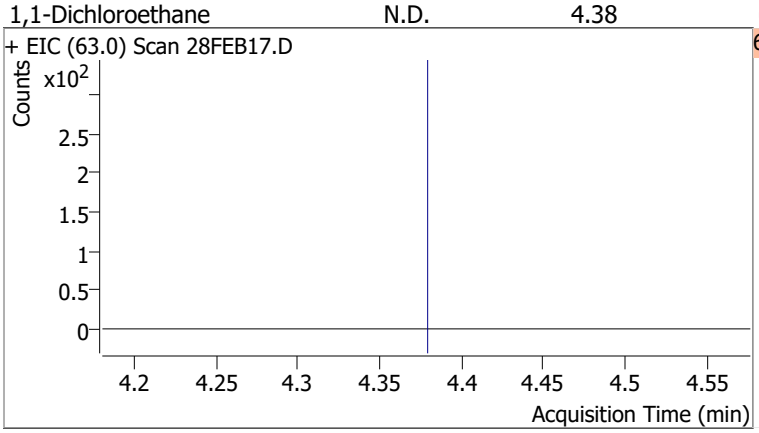


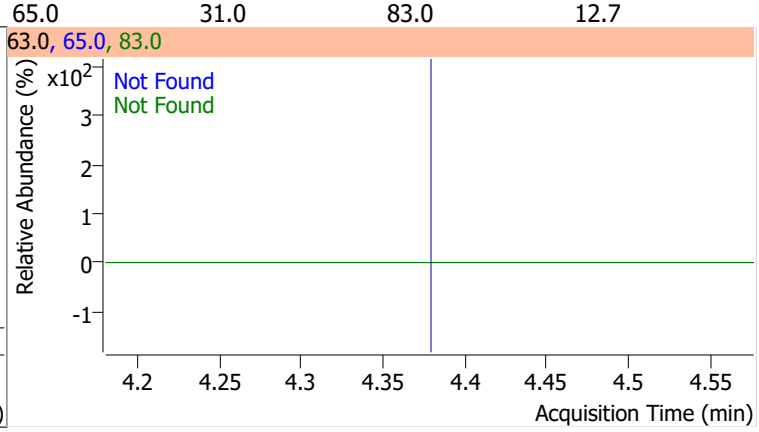
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



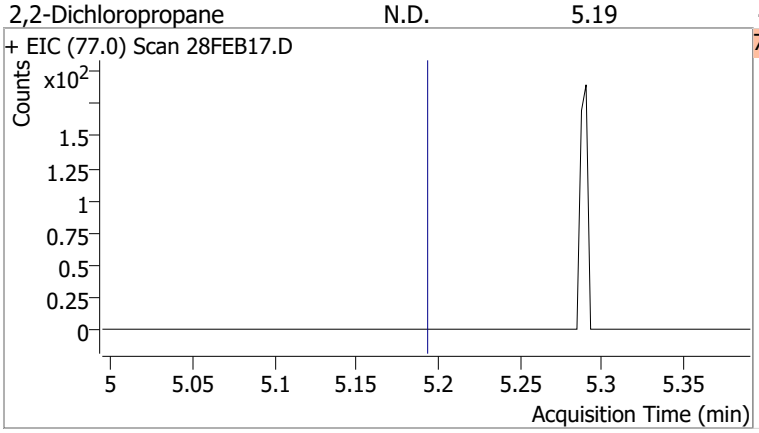


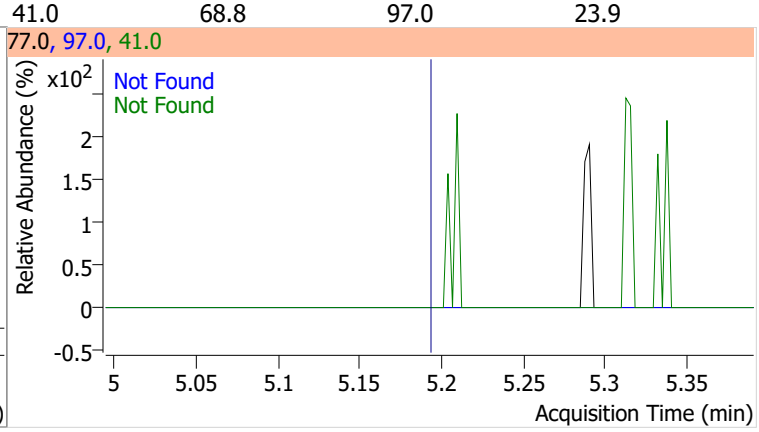
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



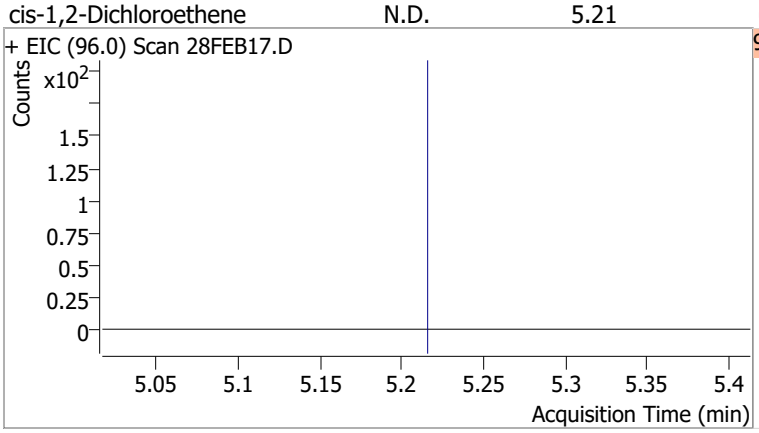


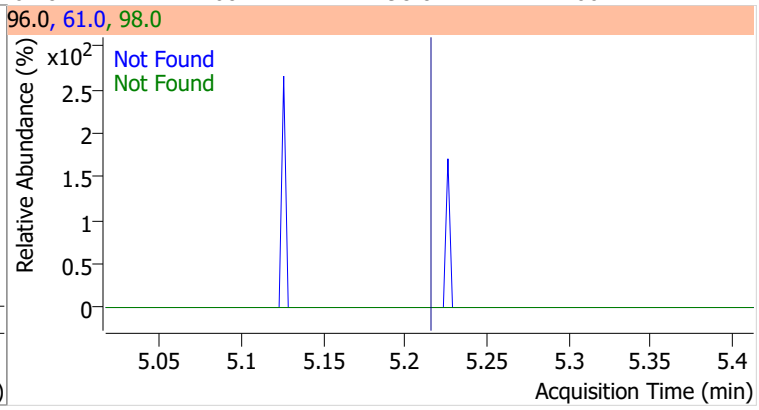
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



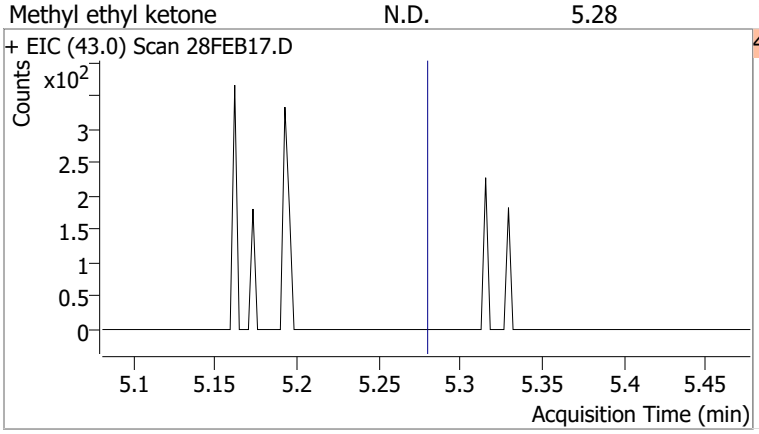


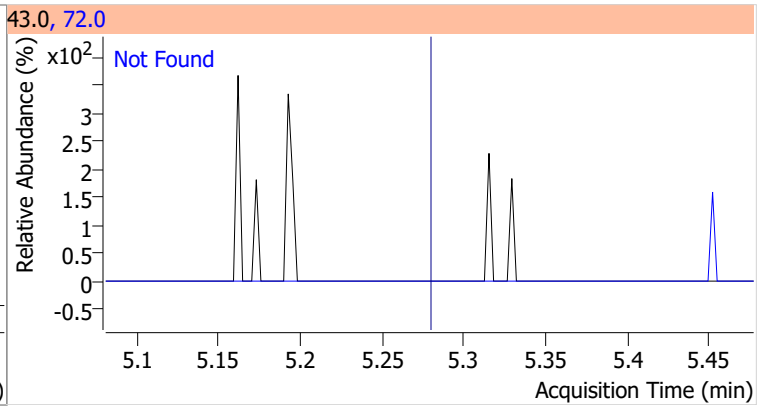
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



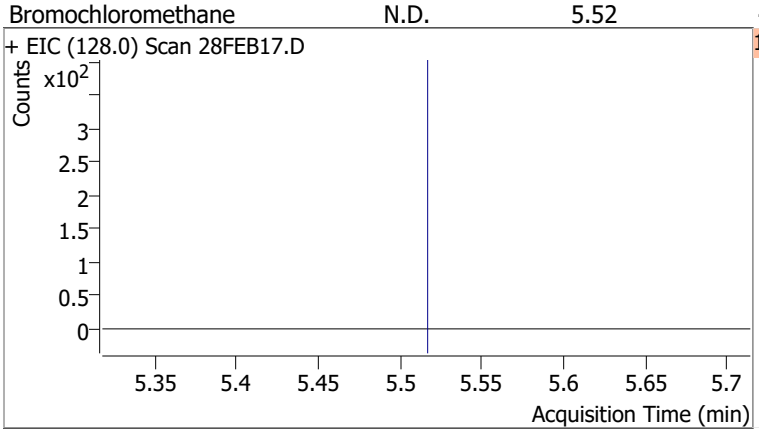


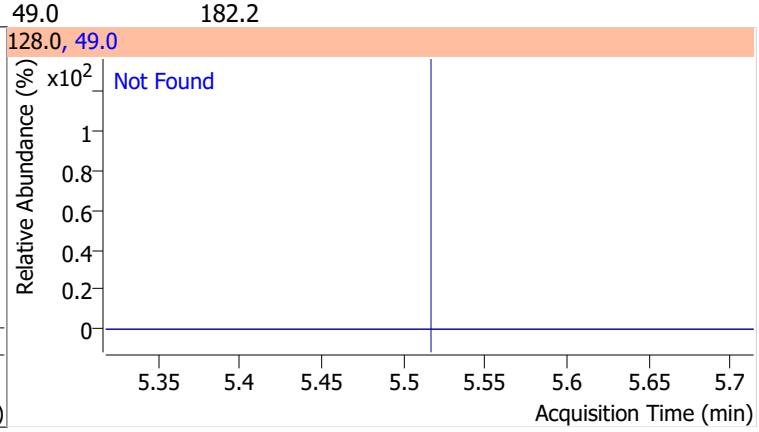
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



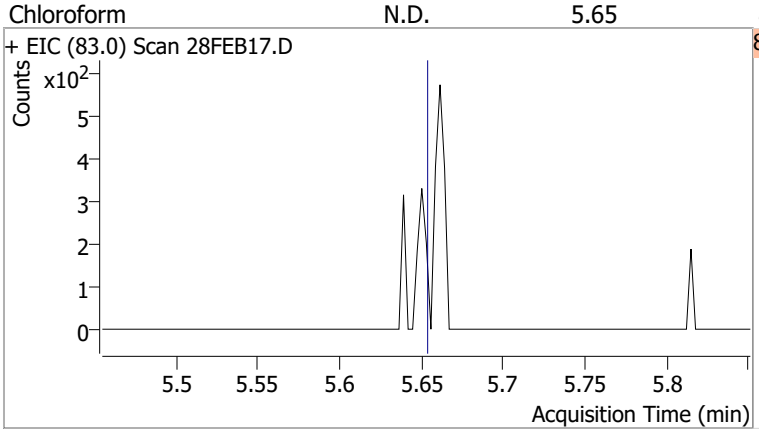


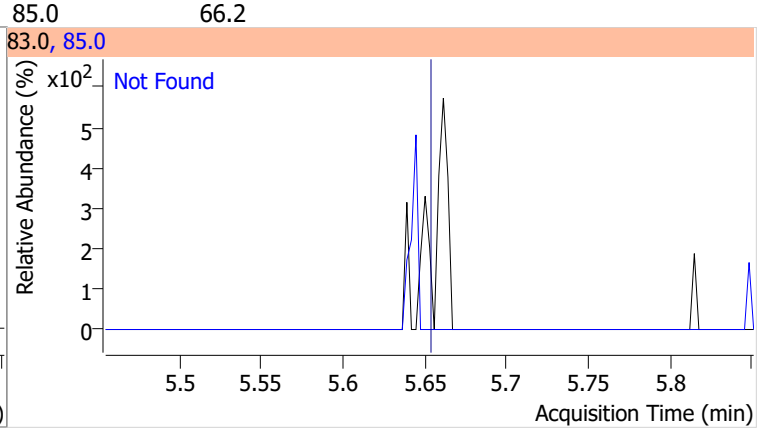
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



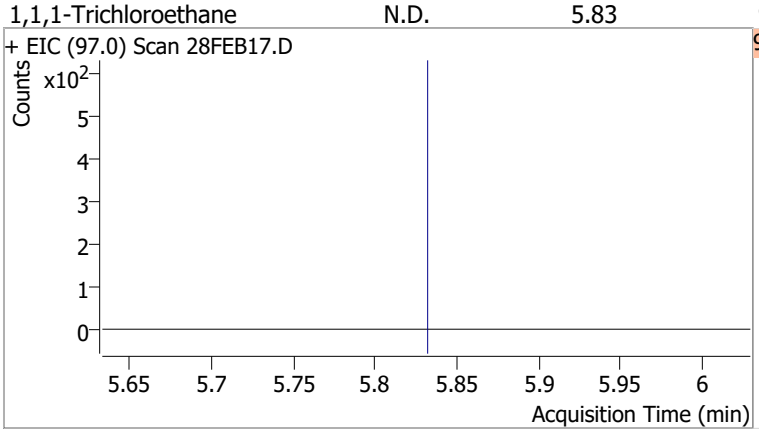


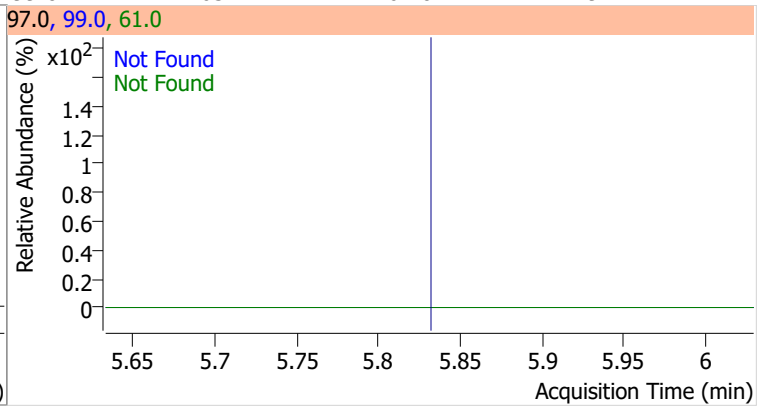
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



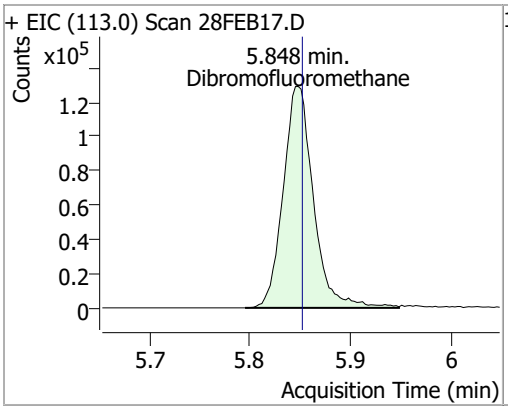


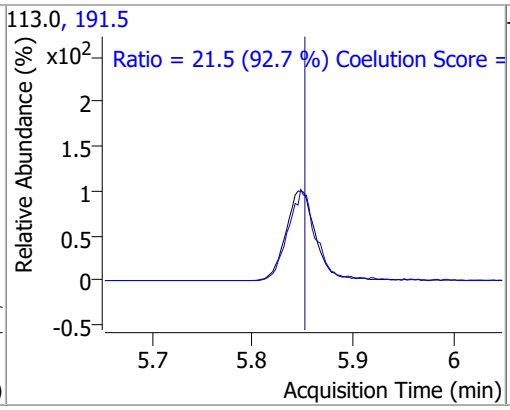
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

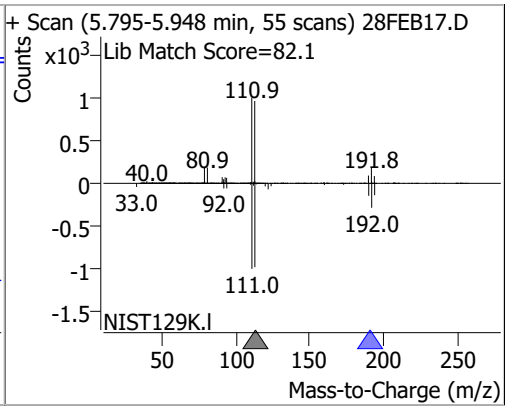




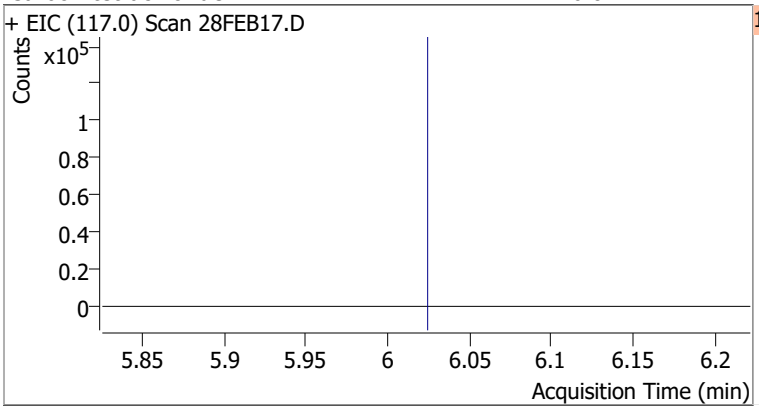
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	273.7105	5.85	0.00	270359	191.5	21.5	0.0	53.2

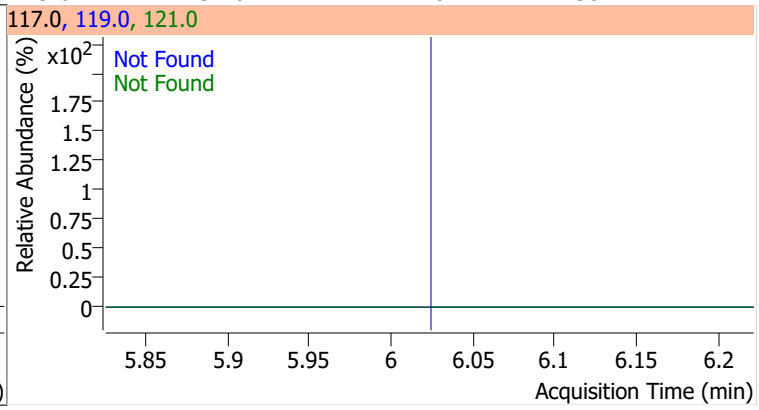




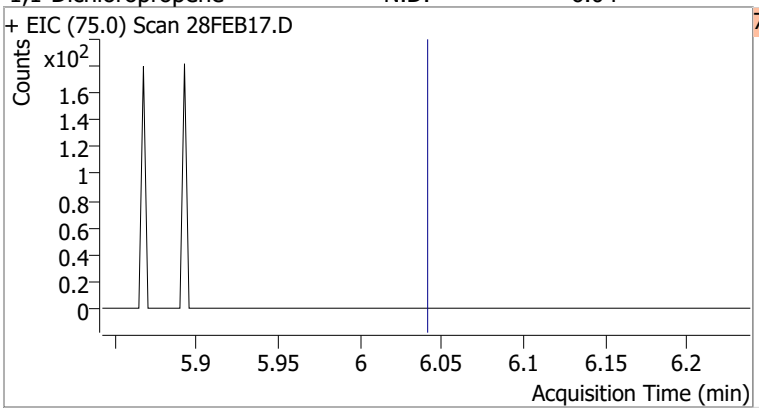


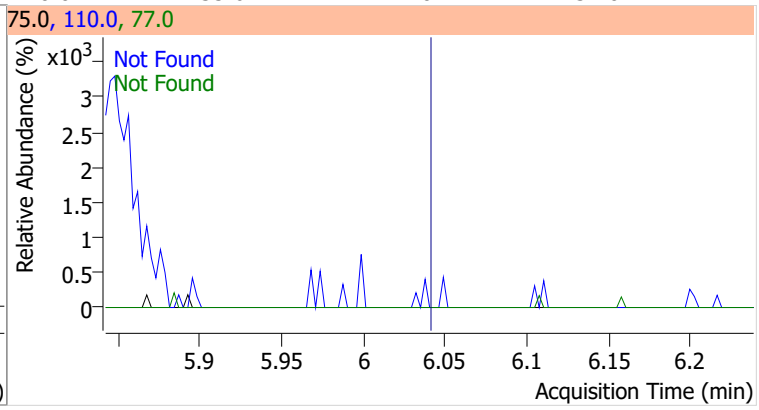
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



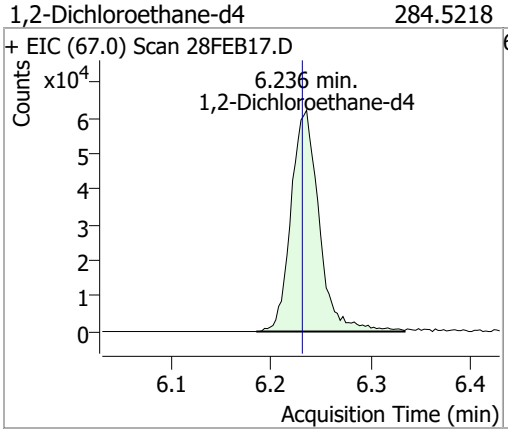


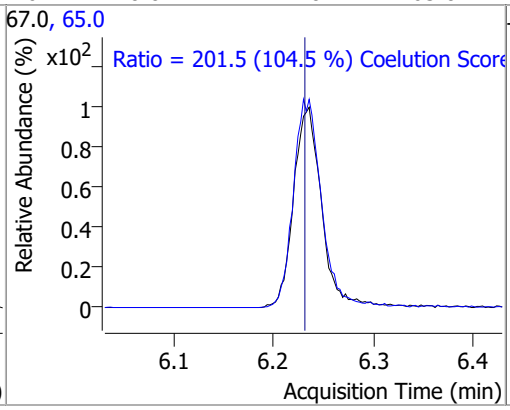
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

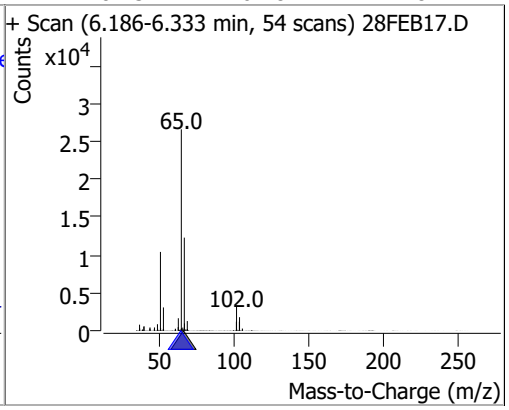




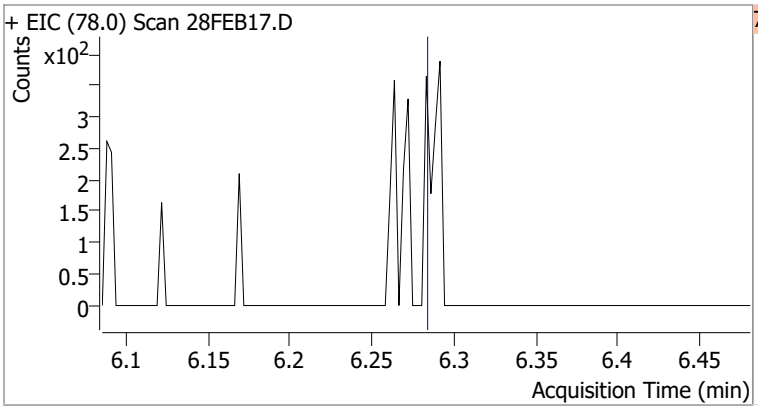
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	284.5218	6.24	0.01	121401	65.0	201.5	162.8	222.8

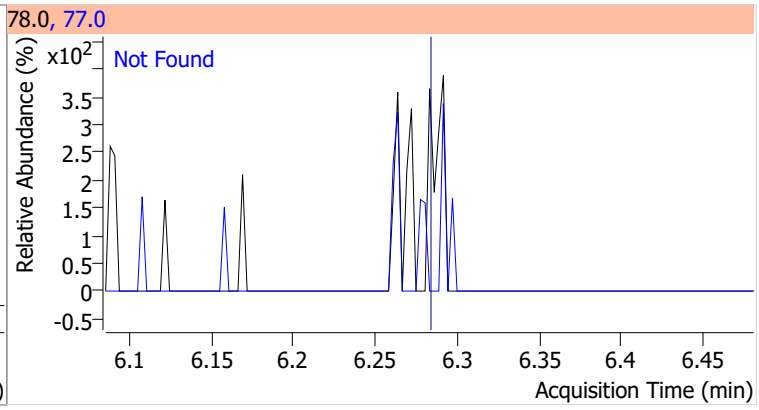




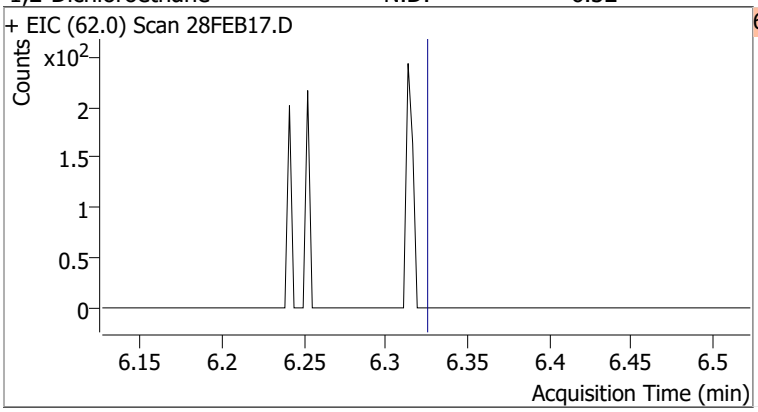


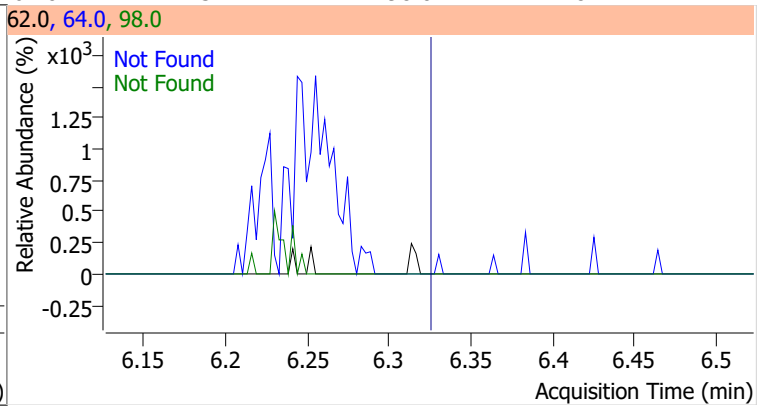
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



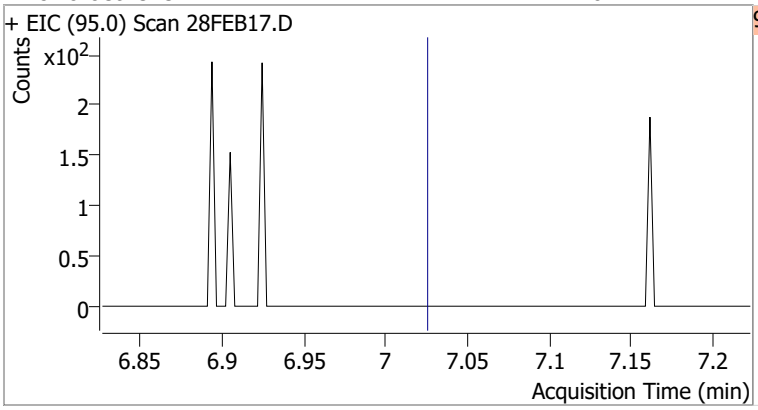


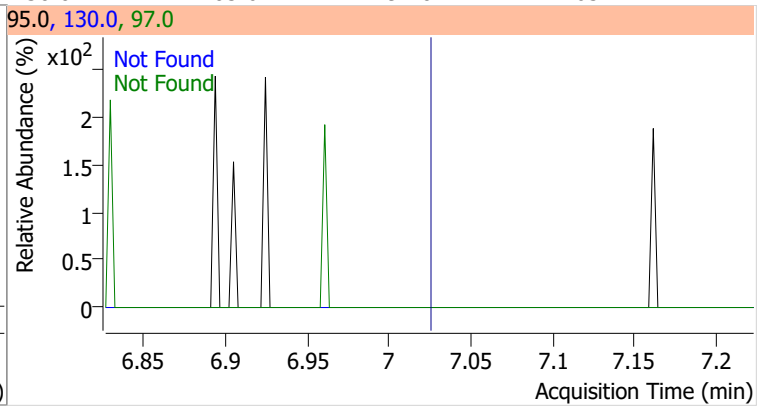
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



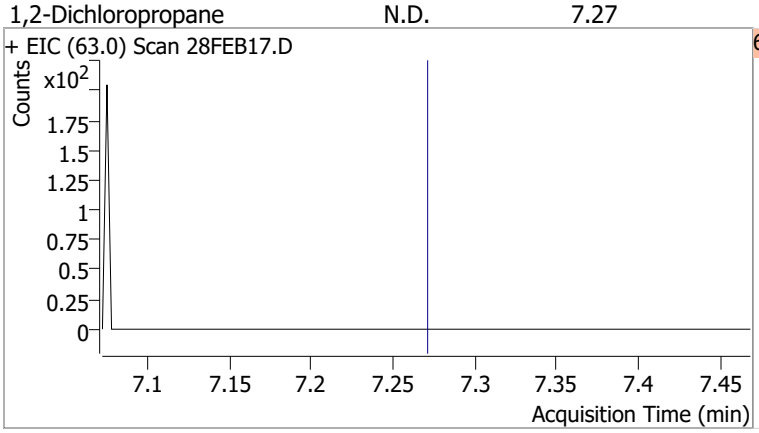


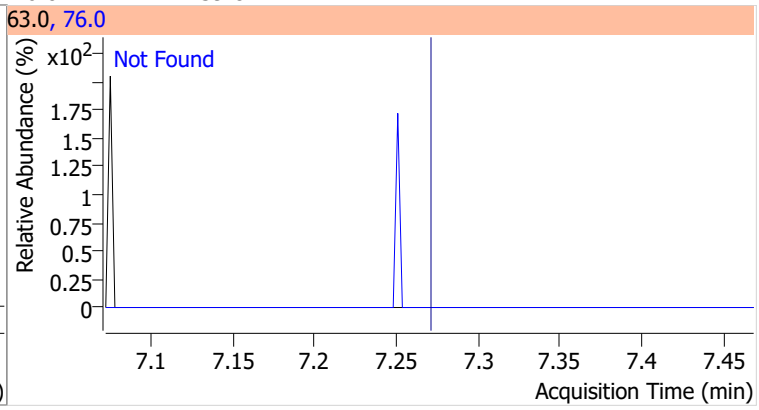
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



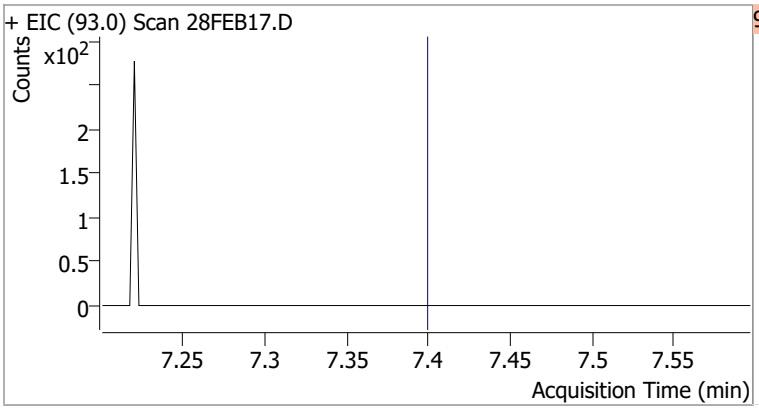


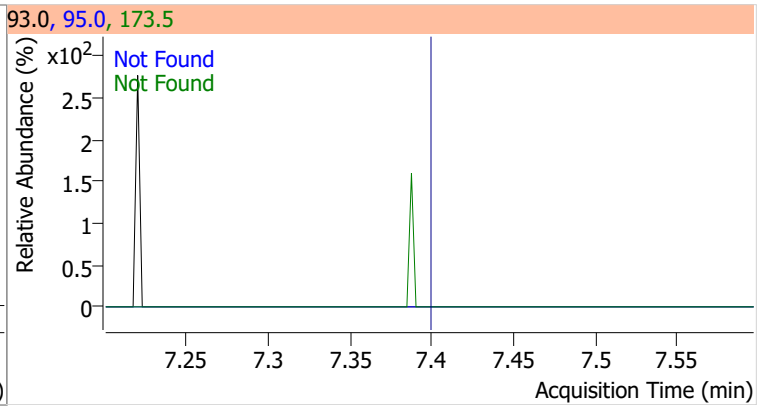
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



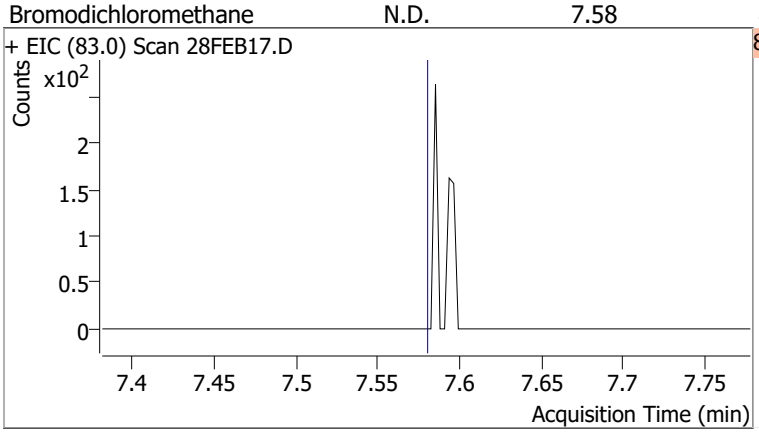


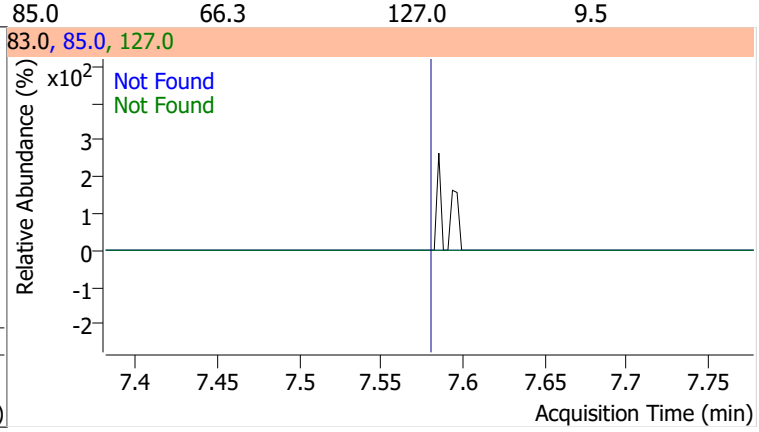
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



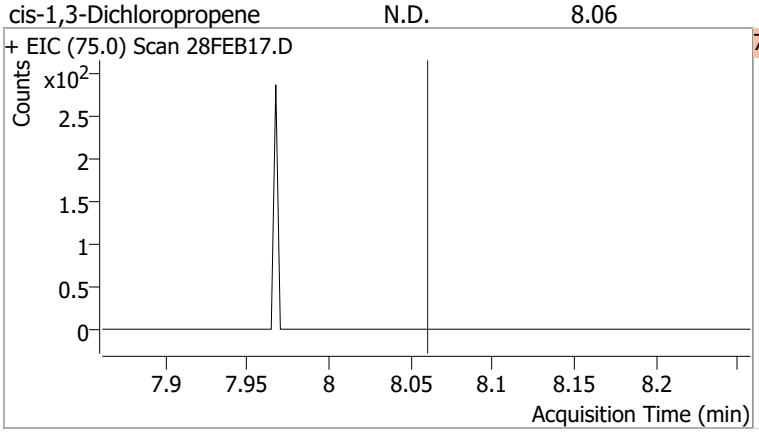


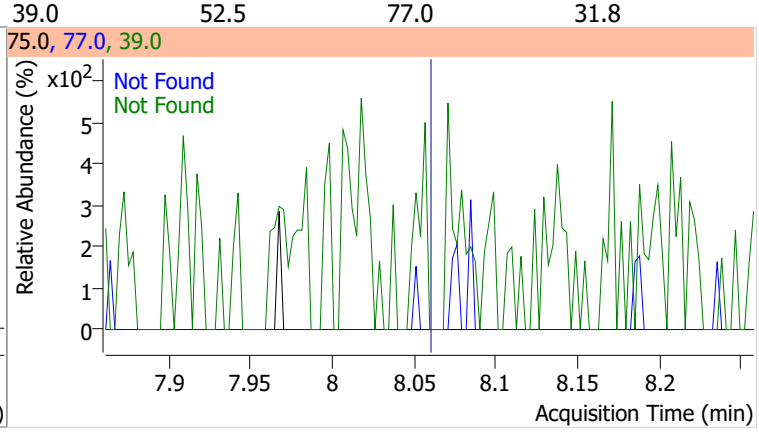
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



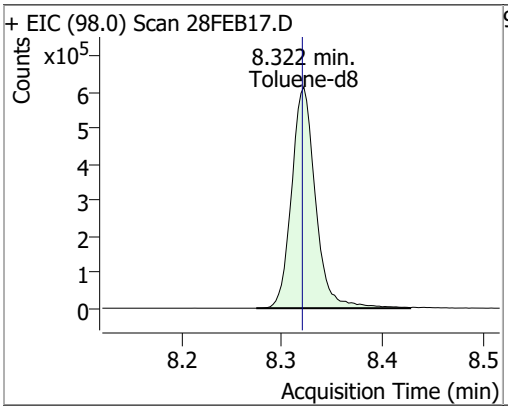


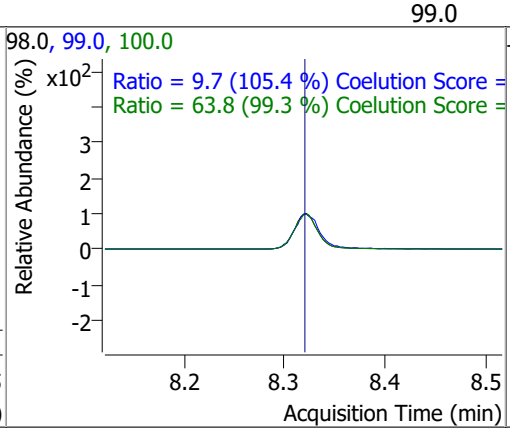
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

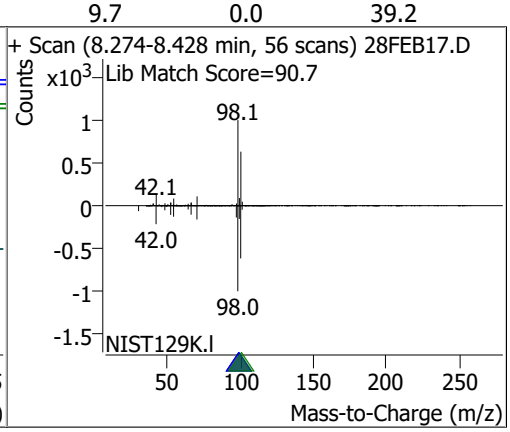




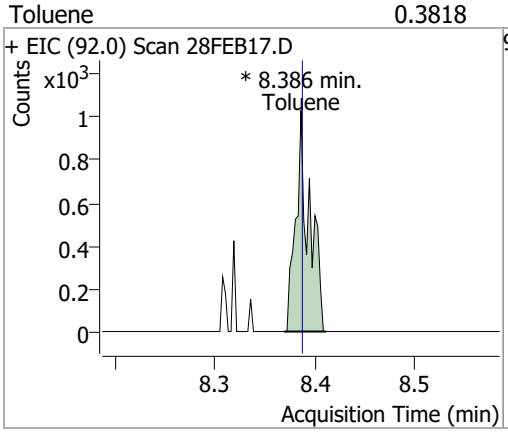
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	262.9184	8.32	0.00	1017403	100.0	63.8	34.3	94.3
					99.0	9.7	0.0	39.2

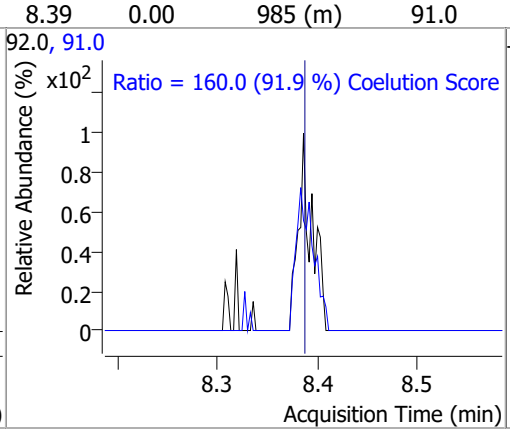


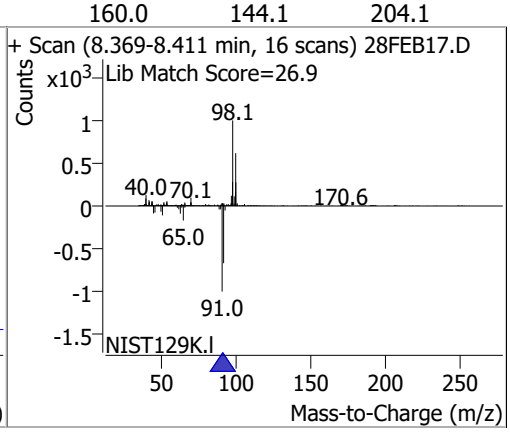




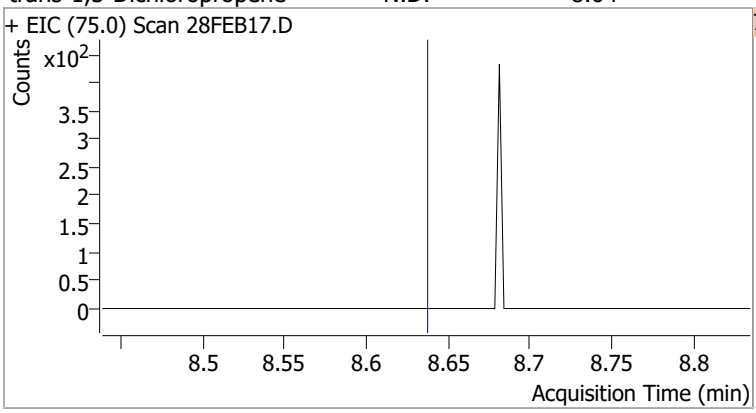
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.3818	8.39	0.00	985 (m)	91.0	160.0	144.1	204.1

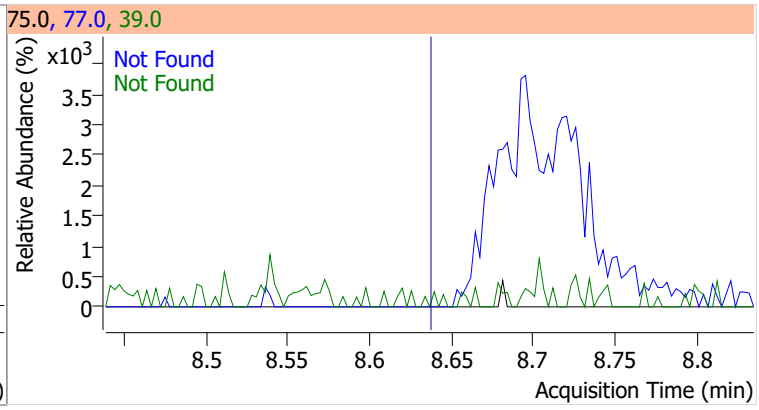




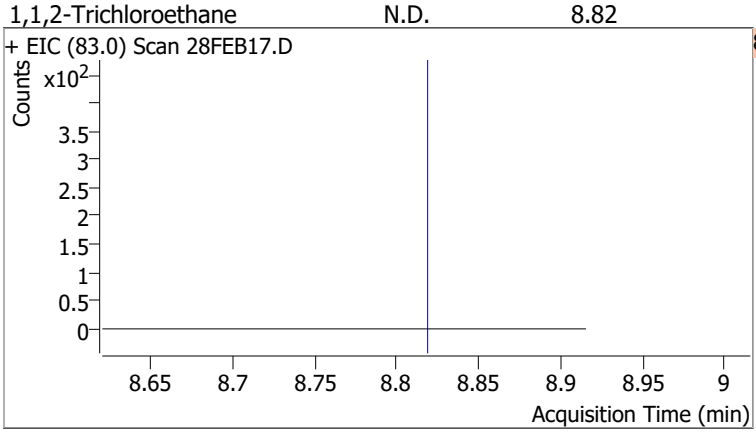


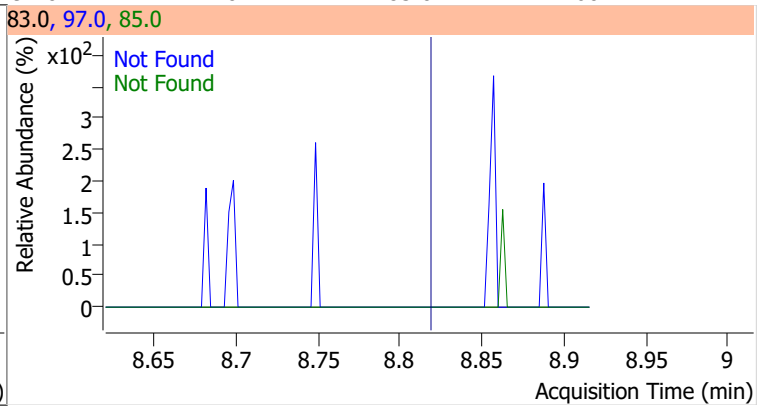
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



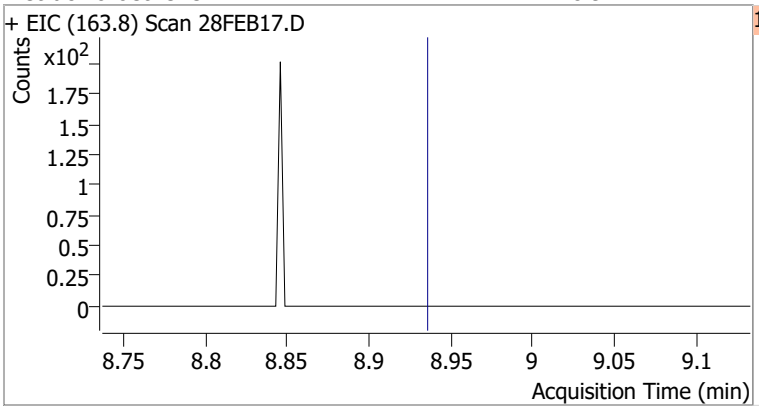


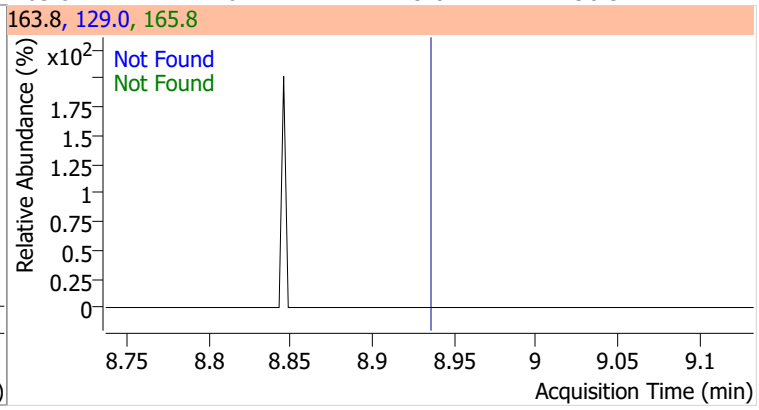
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



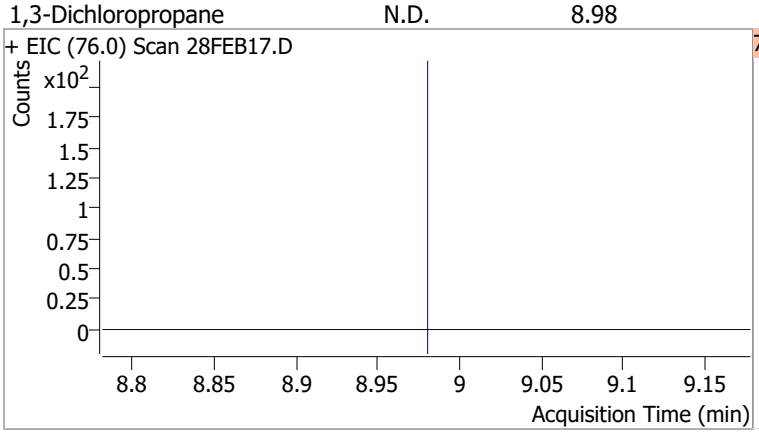


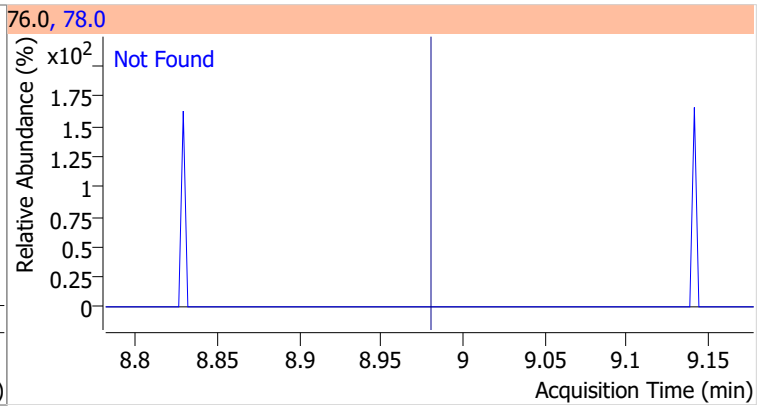
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



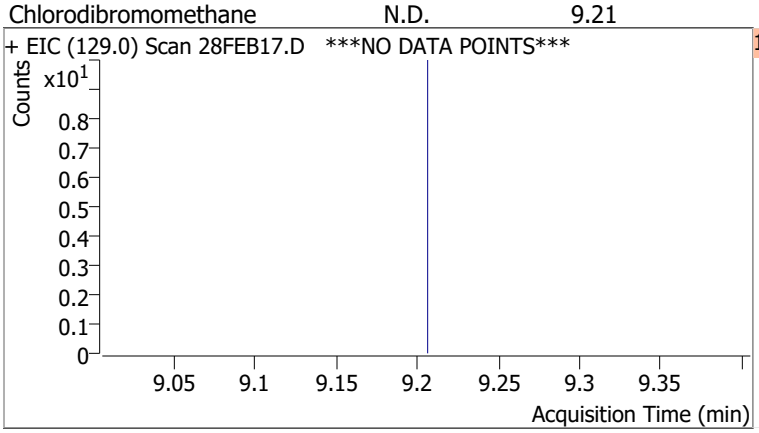


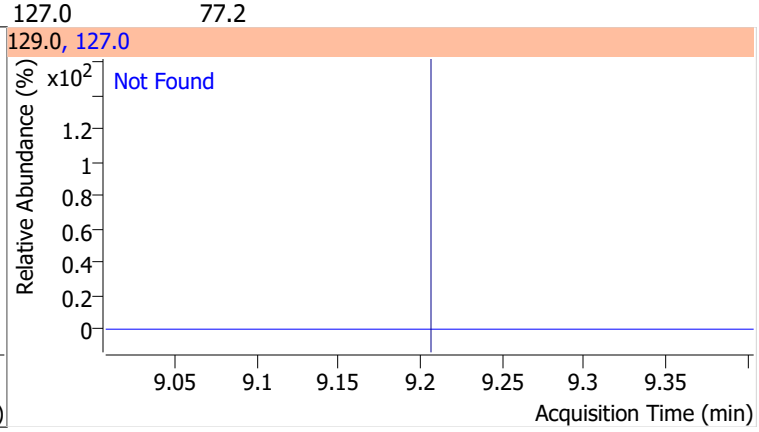
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



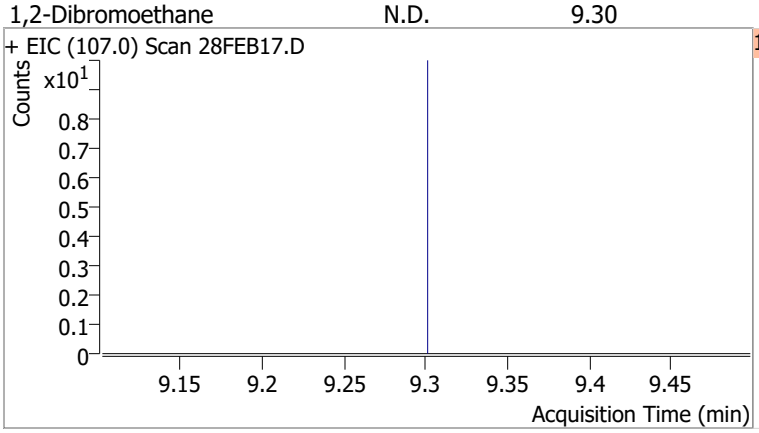


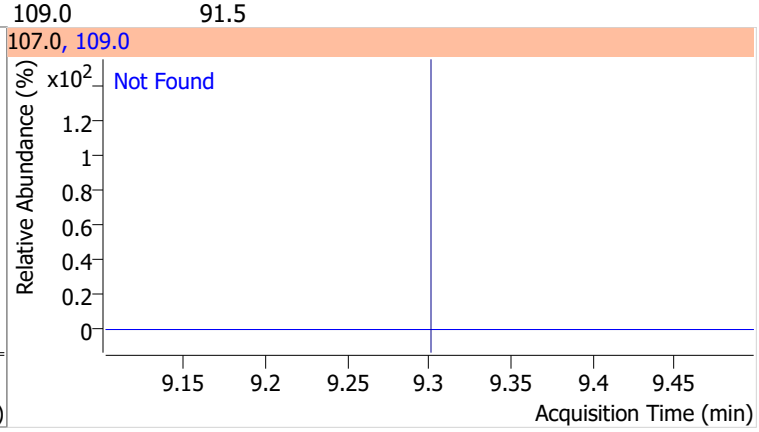
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



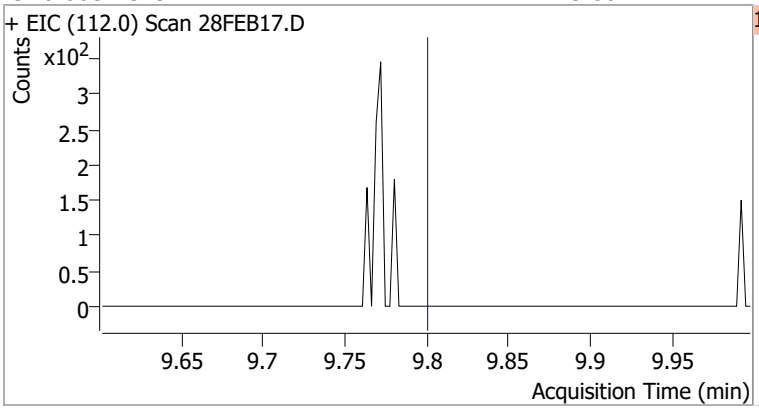


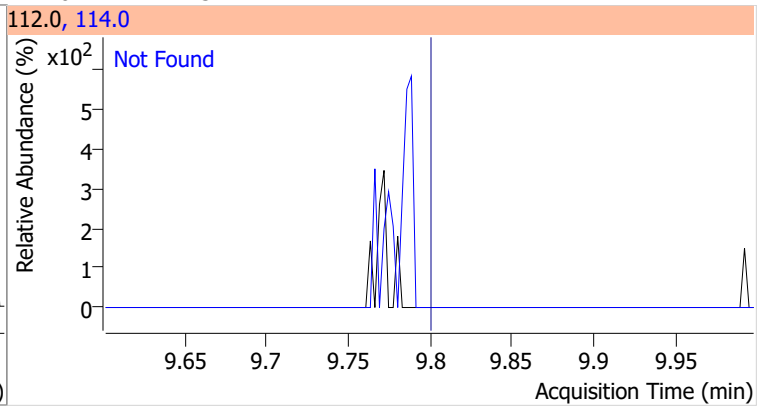
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



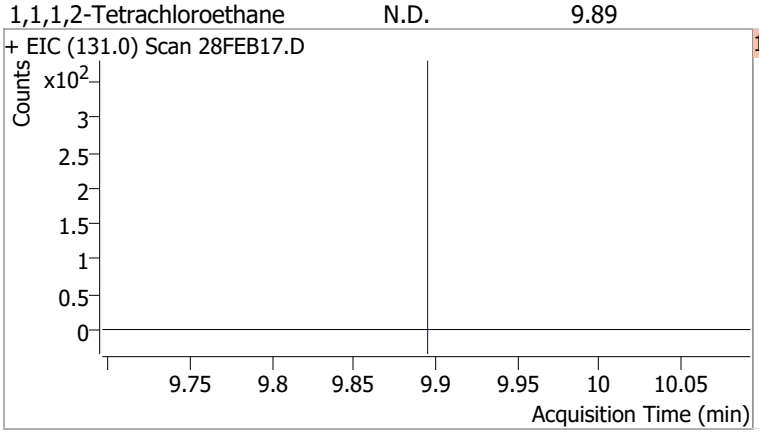


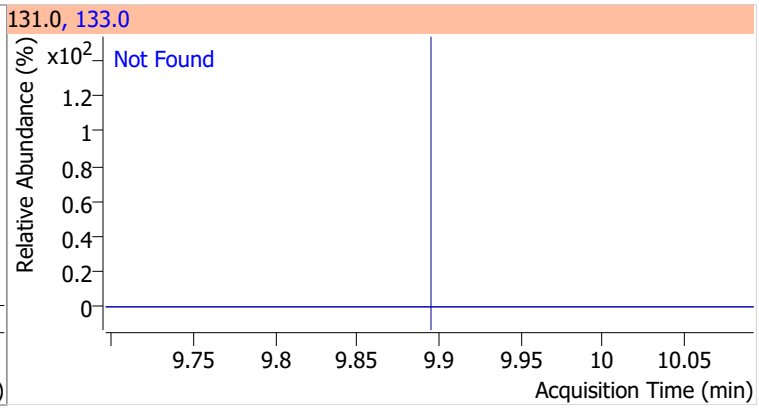
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



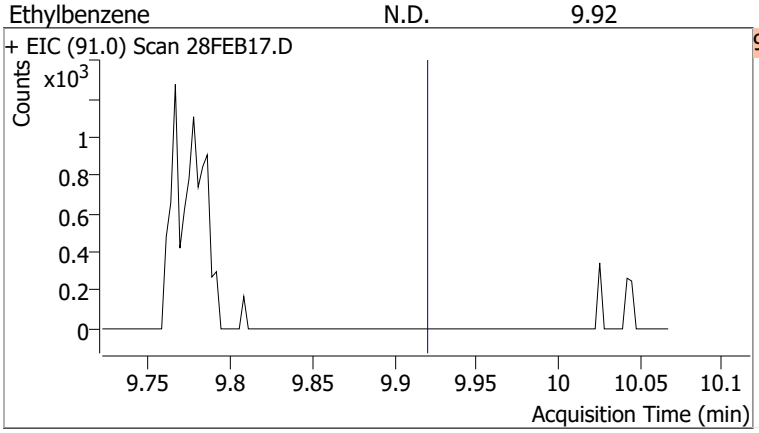


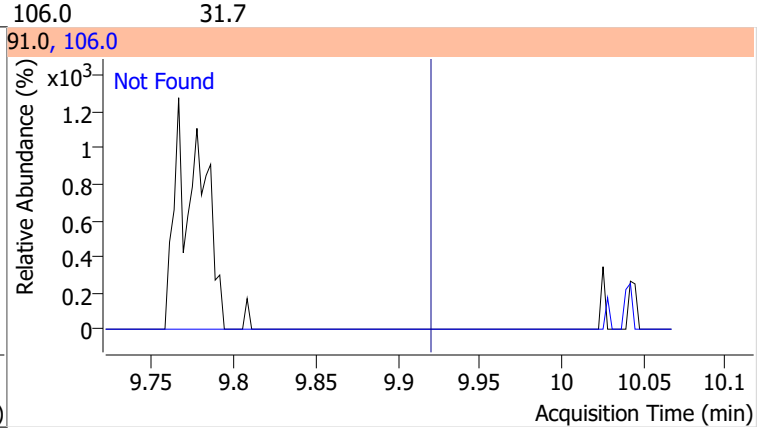
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



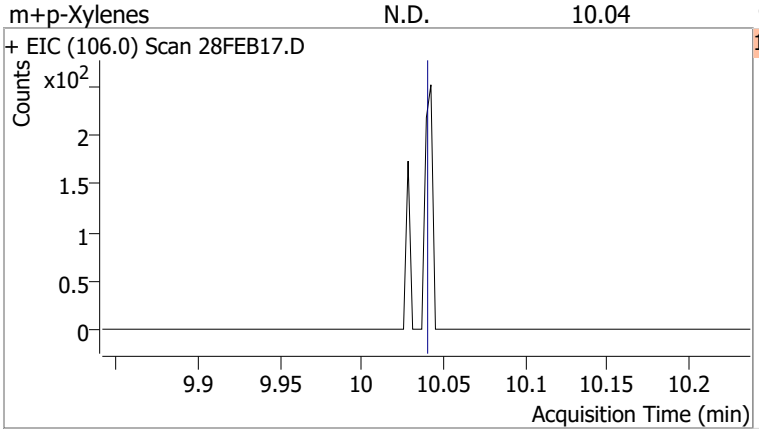


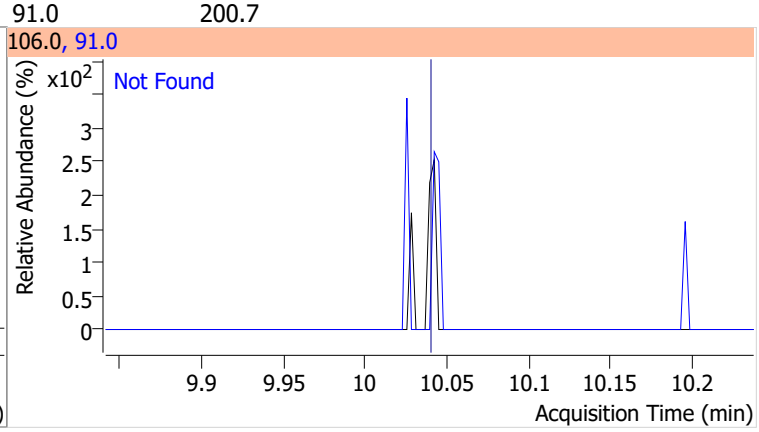
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



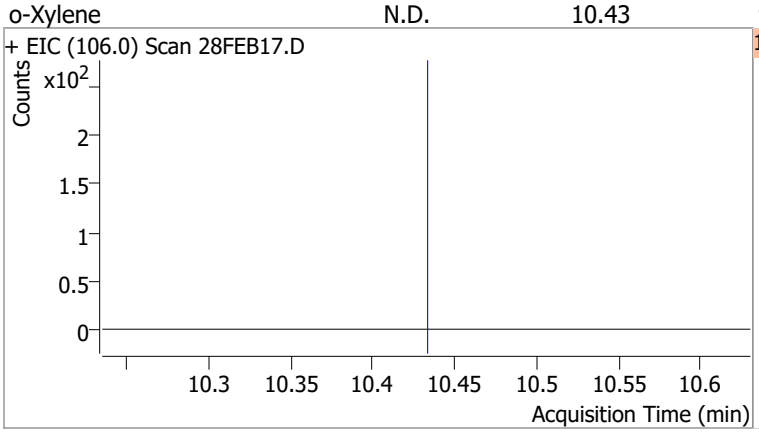


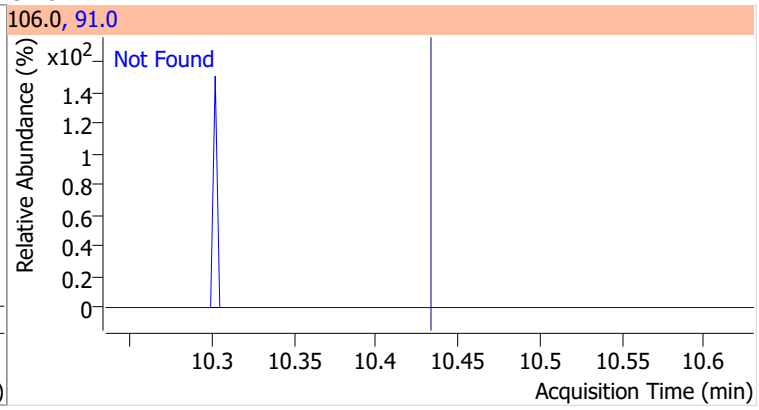
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



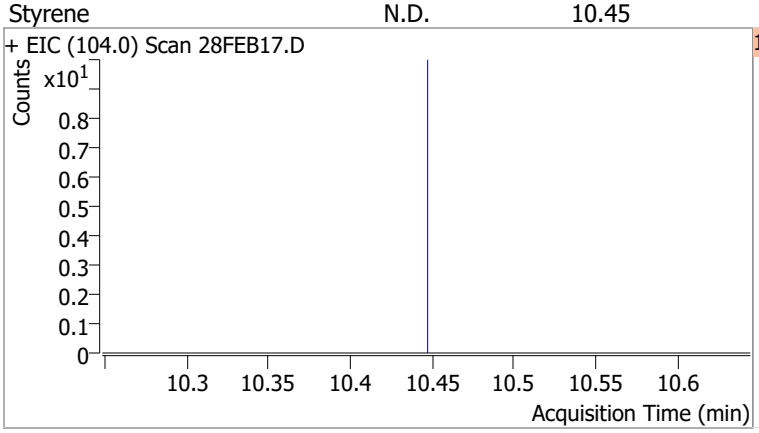


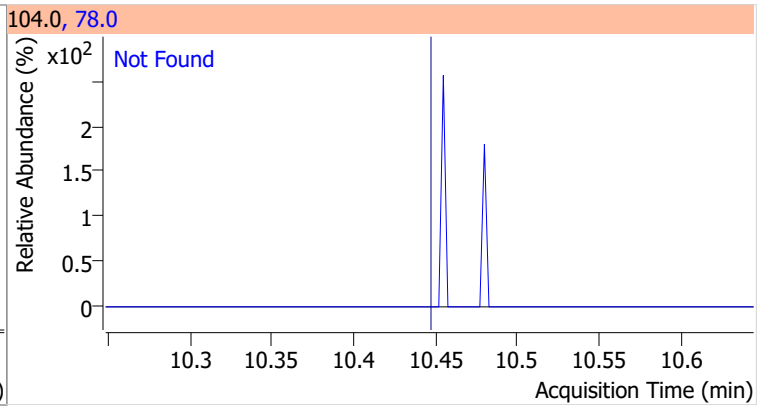
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



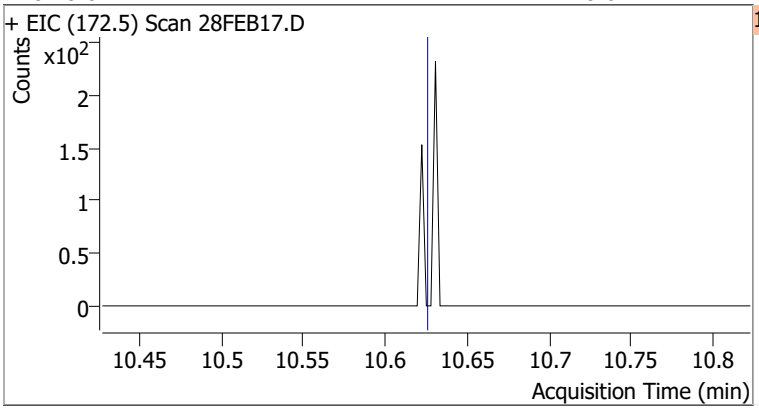


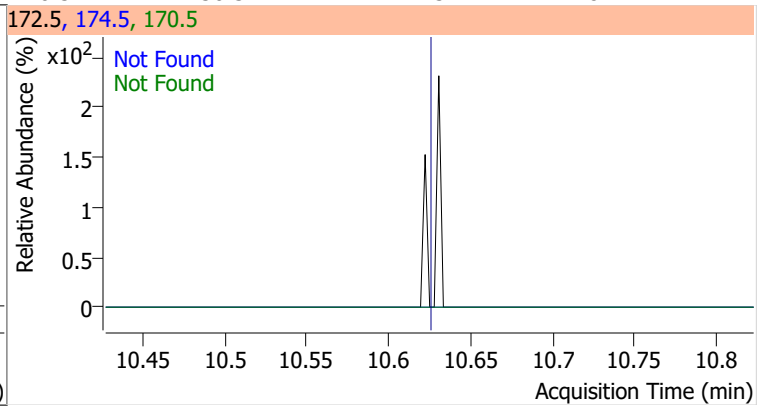
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



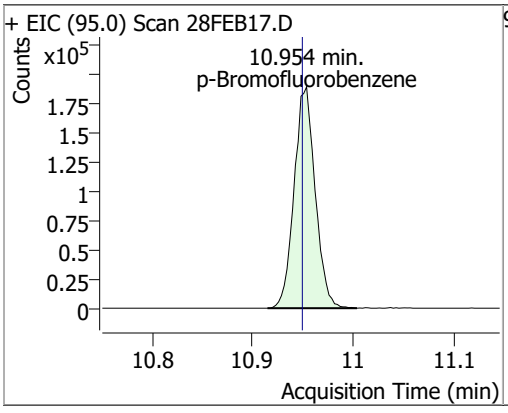


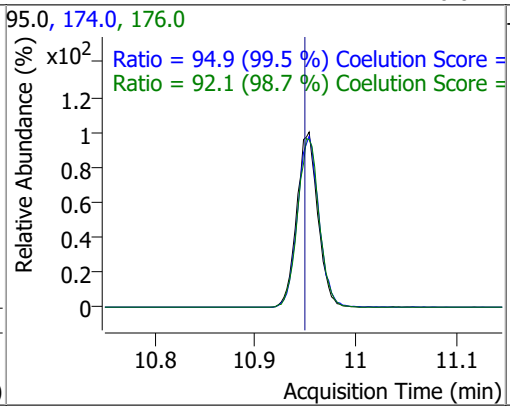
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

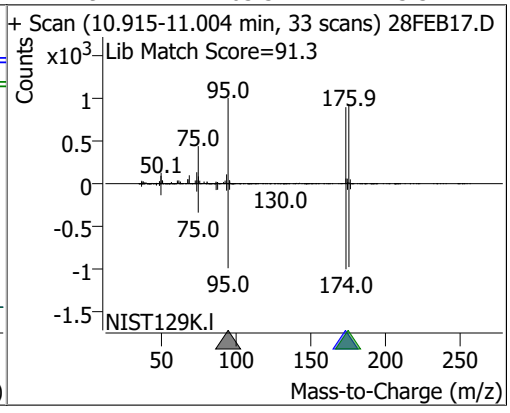




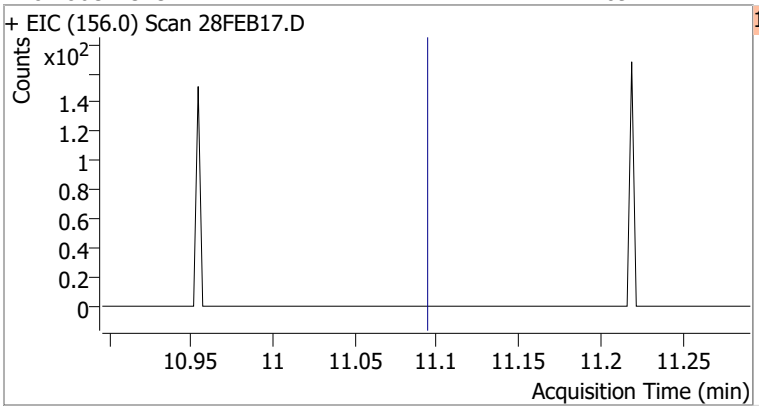
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.9226	10.95	0.01	275247	174.0	94.9	65.3	125.3
					176.0	92.1	63.3	123.3

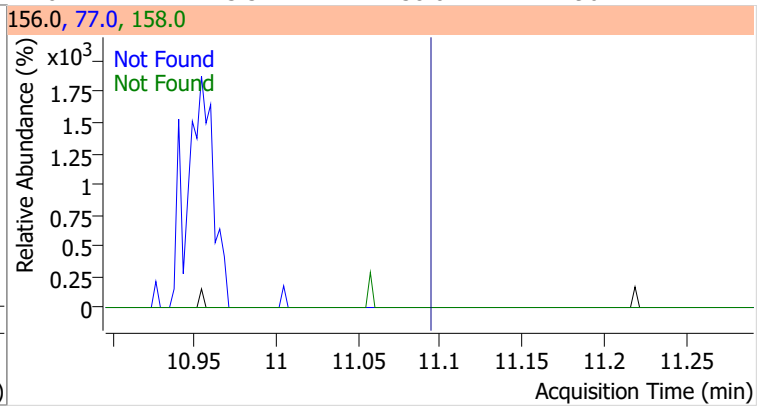




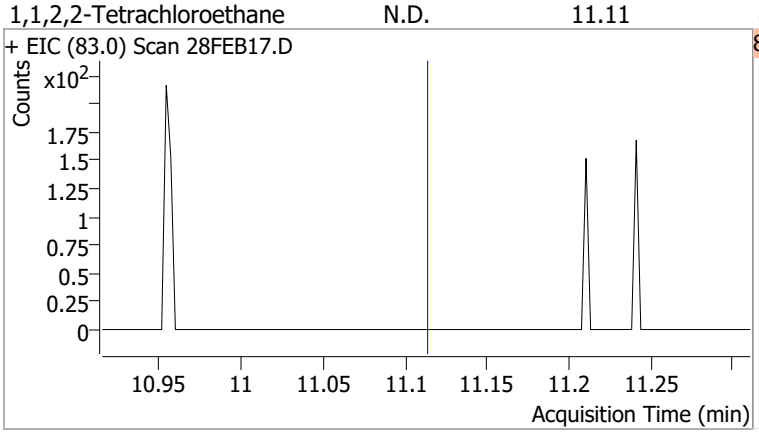


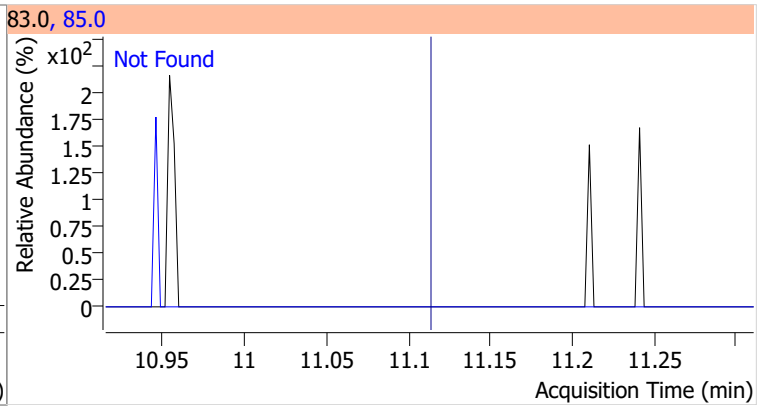
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



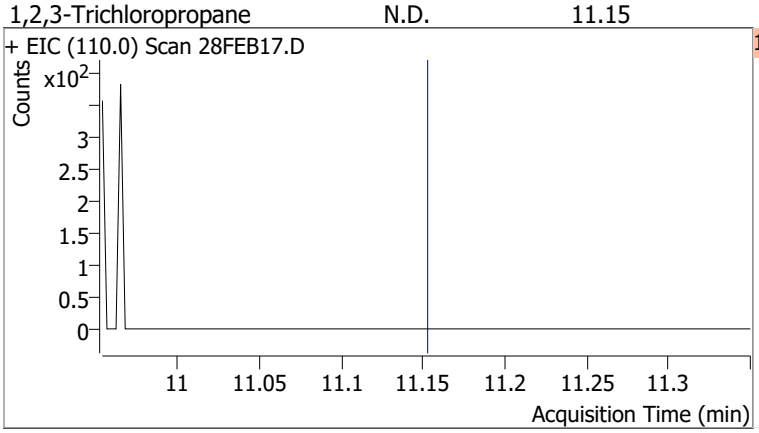


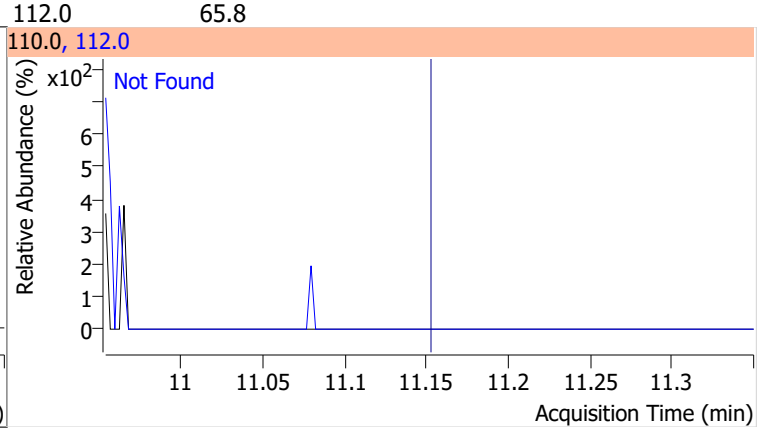
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



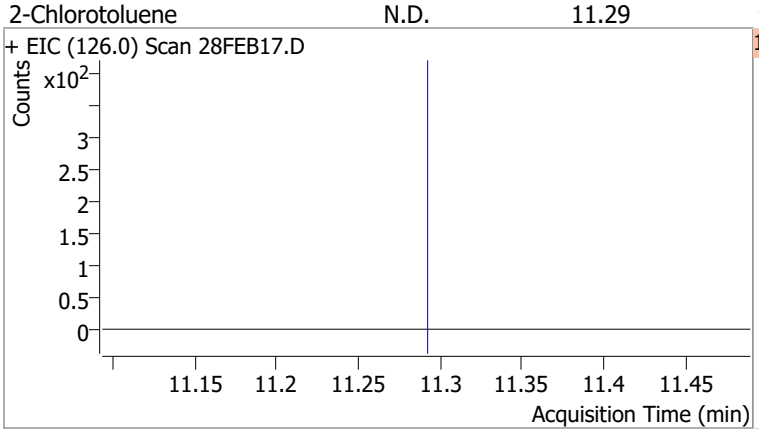


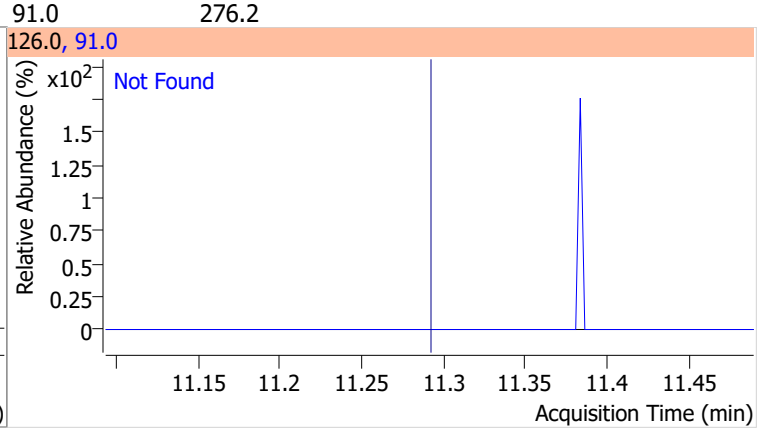
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



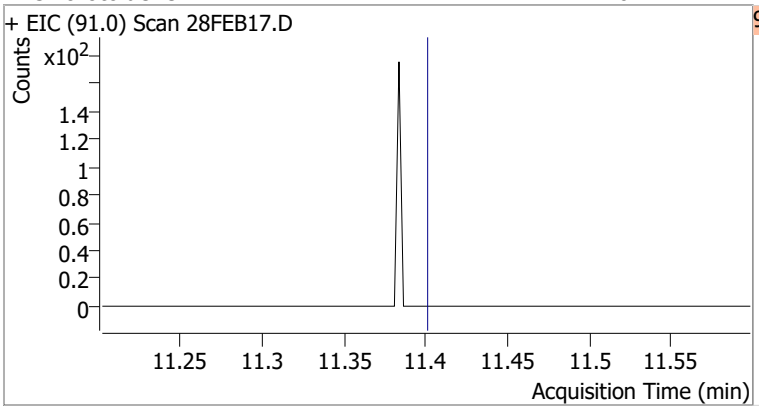


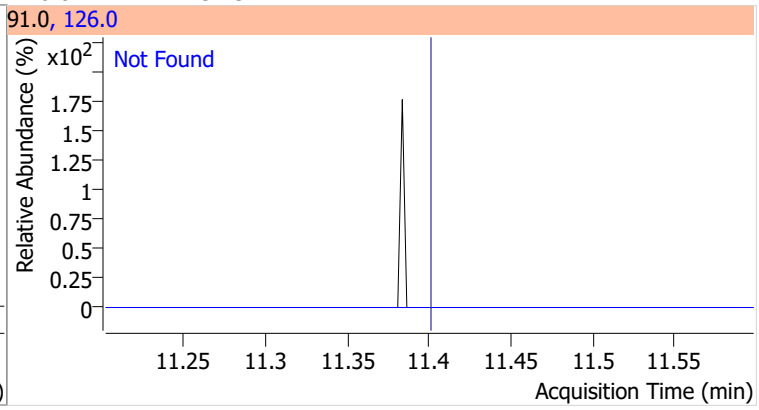
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



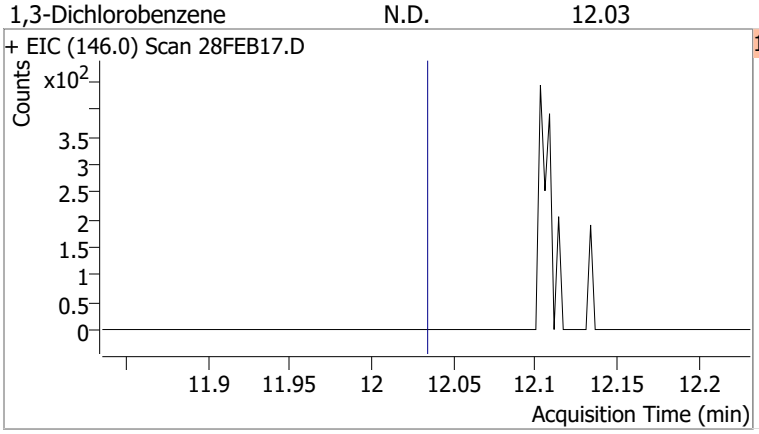


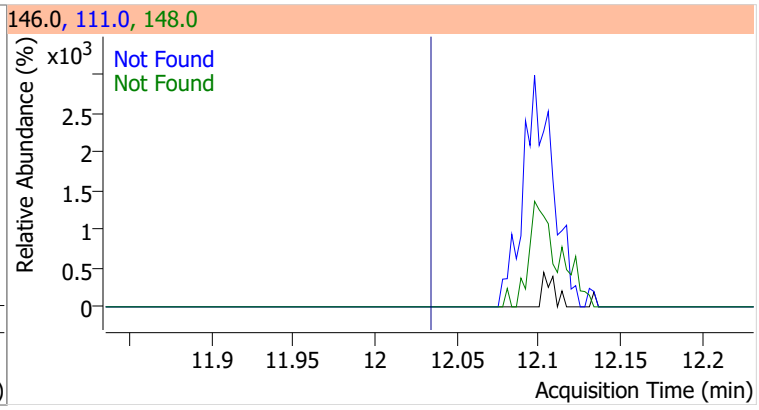
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



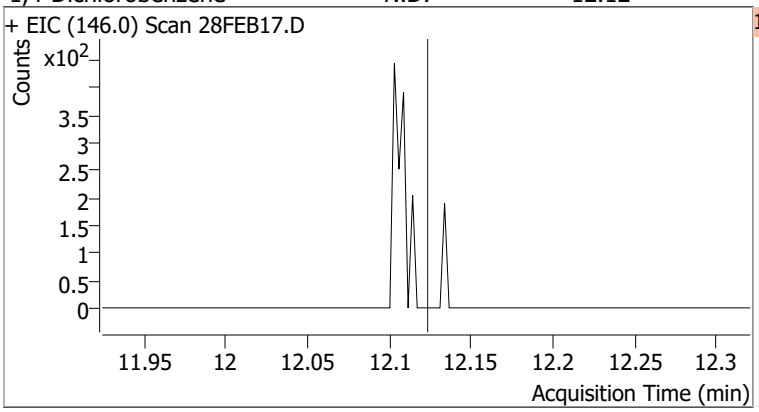


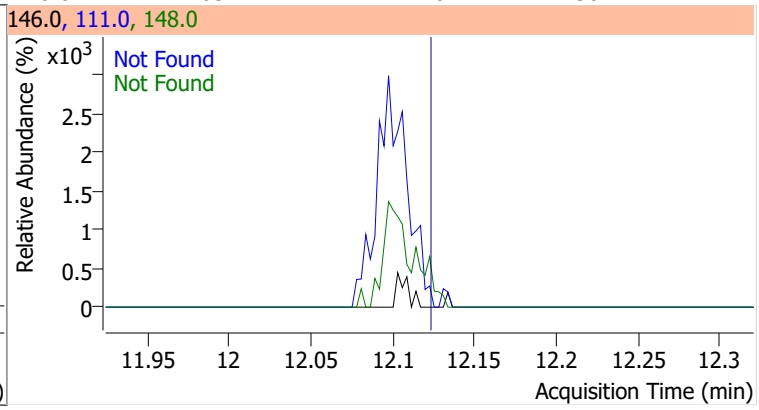
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



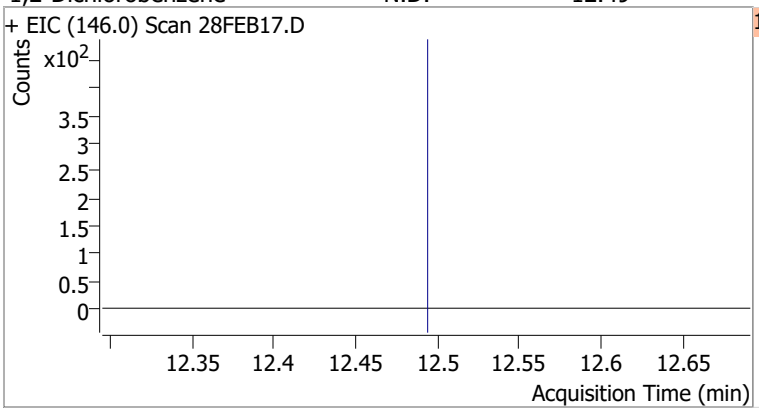


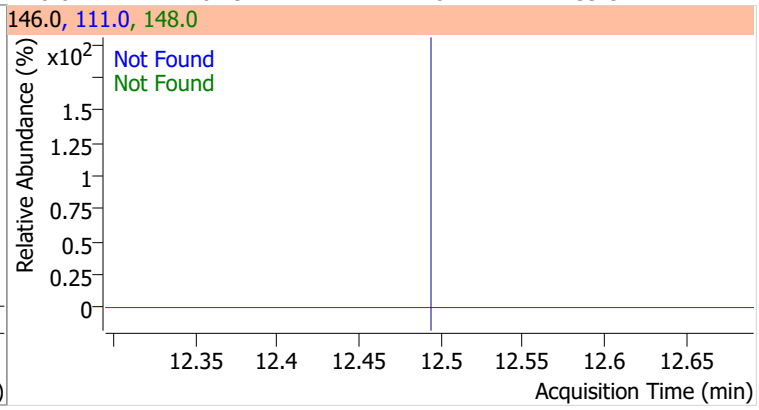
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





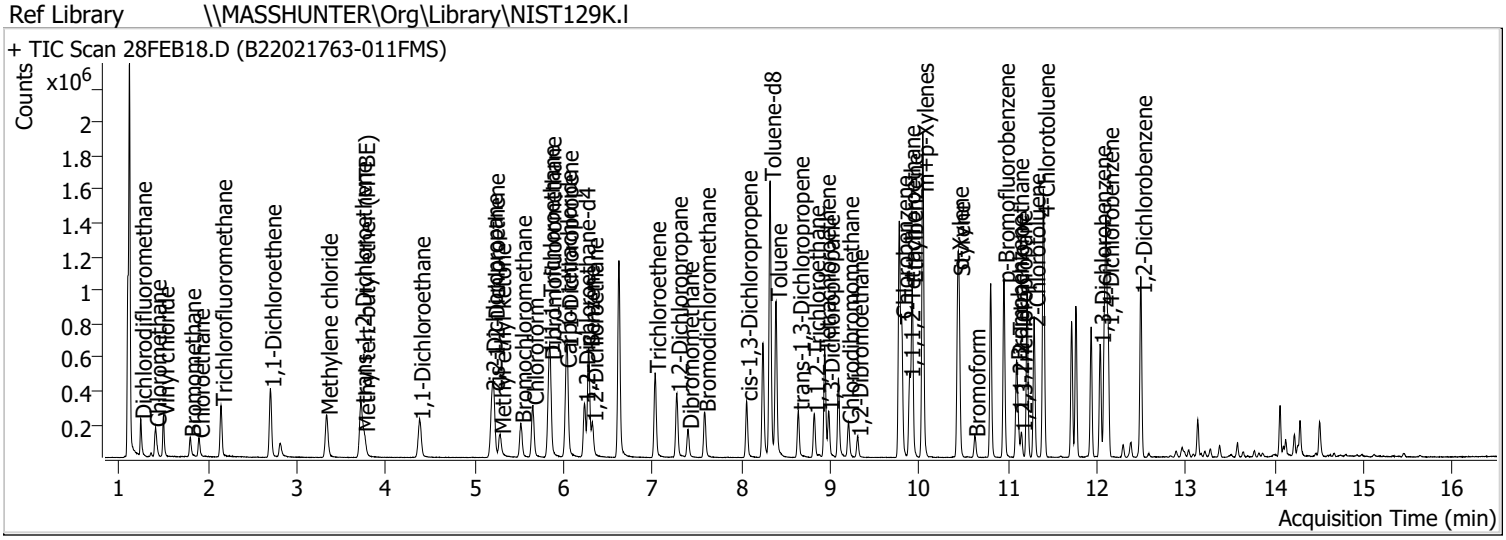
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	28FEB18.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 6:08:38 PM
Sample Name	B22021763-011FMS	Instrument	VOA5975C
Vial	18	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

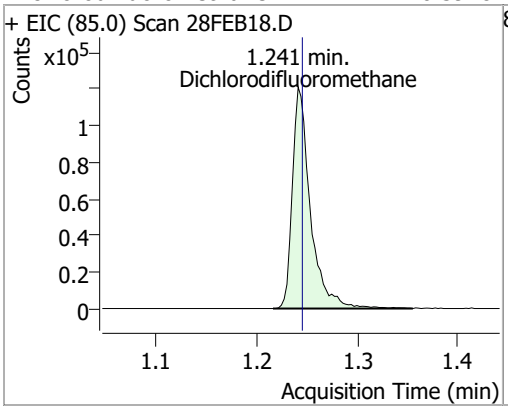


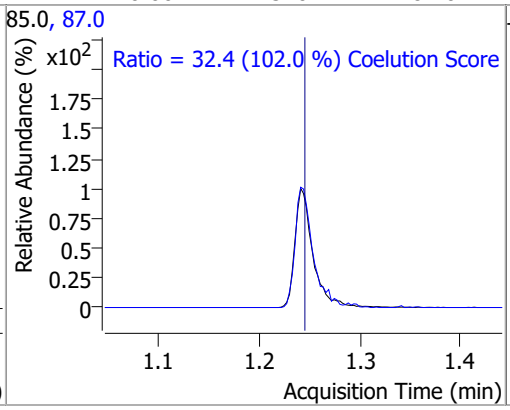
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	1017322	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	383548	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	314517	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.851	113.0	257902	261.7338	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.69%		
S 1,2-Dichloroethane-d4	6.233	67.0	117492	276.0299	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 110.41%		
S Toluene-d8	8.322	98.0	1043055	278.7516	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 111.50%		
S p-Bromofluorobenzene	10.951	95.0	306601	264.0222	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.61%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	151011	110.3948	ng	99
T Chloromethane	1.408	50.0	185964	115.4708	ng	100
T Vinyl chloride	1.498	62.0	170171	116.0847	ng	100
T Bromomethane	1.799	96.0	58507	93.6070	ng	99
T Chloroethane	1.896	64.0	79984	115.3255	ng	99
T Trichlorofluoromethane	2.145	101.0	217020	123.4581	ng	98
T 1,1-Dichloroethene	2.700	96.0	144549	141.3228	ng	99
T Methylene chloride	3.335	49.0	192919	129.7276	ng	100
T trans-1,2-Dichloroethene	3.717	96.0	140704	133.1622	ng	96
T Methyl tert-butyl ether (MTBE)	3.757	73.0	153747	116.4166	ng	98
T 1,1-Dichloroethane	4.376	63.0	272864	137.9824	ng	99
T 2,2-Dichloropropane	5.193	77.0	206461	138.5377	ng	98
T cis-1,2-Dichloroethene	5.215	96.0	145756	136.2388	ng	96
T Methyl ethyl ketone	5.285	43.0	182869	1182.7643	ng	99
T Bromochloromethane	5.516	128.0	57921	131.3067	ng	96
T Chloroform	5.653	83.0	253710	128.4927	ng	96

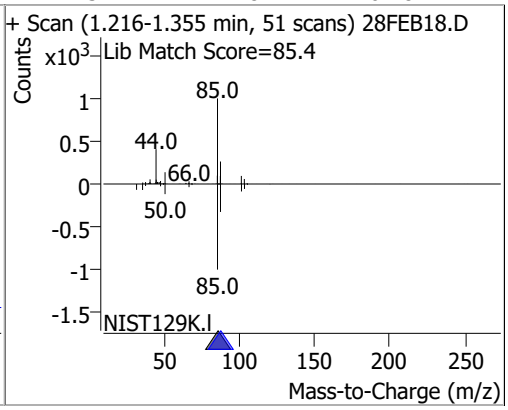
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	244274	134.0840	ng	96
T Carbon tetrachloride	6.024	117.0	247848	140.2727	ng	99
T 1,1-Dichloropropene	6.040	75.0	199303	134.9093	ng	98
T Benzene	6.280	78.0	554838	136.5241	ng	98
T 1,2-Dichloroethane	6.322	62.0	140943	125.5618	ng	99
T Trichloroethene	7.028	95.0	157556	137.2142	ng	97
T 1,2-Dichloropropane	7.273	63.0	135248	133.9674	ng	100
T Dibromomethane	7.398	93.0	57773	135.7662	ng	98
T Bromodichloromethane	7.585	83.0	163379	136.5377	ng	98
T cis-1,3-Dichloropropene	8.057	75.0	166323	126.6692	ng	98
T Toluene	8.388	92.0	353899	141.8893	ng	99
T trans-1,3-Dichloropropene	8.639	75.0	134546	140.4781	ng	98
T 1,1,2-Trichloroethane	8.818	83.0	66158	135.8446	ng	95
T Tetrachloroethene	8.938	163.8	142416	140.8098	ng	99
T 1,3-Dichloropropane	8.982	76.0	128086	129.9655	ng	100
T Chlorodibromomethane	9.200	129.0	103415	131.8495	ng	99
T 1,2-Dibromoethane	9.303	107.0	73632	136.8918	ng	98
T Chlorobenzene	9.802	112.0	378526	138.4397	ng	100
T 1,1,1,2-Tetrachloroethane	9.889	131.0	127343	132.7394	ng	99
T Ethylbenzene	9.919	91.0	650427	136.0326	ng	100
T m+p-Xylenes	10.039	106.0	510660	268.3364	ng	99
T o-Xylene	10.432	106.0	224963	135.0244	ng	99
T Styrene	10.446	104.0	376379	136.6146	ng	98
T Bromoform	10.622	172.5	57241	135.8198	ng	99
T Bromobenzene	11.093	156.0	145254	141.8381	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	79969	136.9036	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	20923	136.3326	ng	98
T 2-Chlorotoluene	11.294	126.0	141851	139.9547	ng	94
T 4-Chlorotoluene	11.400	91.0	485162	147.7892	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	259620	139.9236	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	261844	138.4255	ng	99
T 1,2-Dichlorobenzene	12.496	146.0	214089	138.2045	ng	98

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

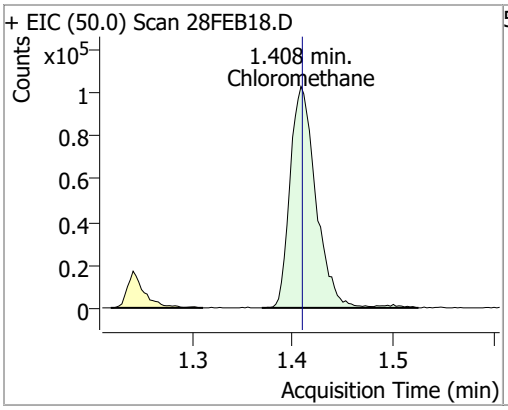
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	110.3948	1.24	0.00	151011	87.0	32.4	1.8	61.8

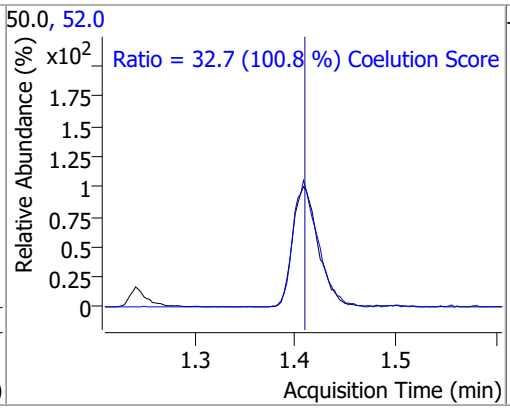


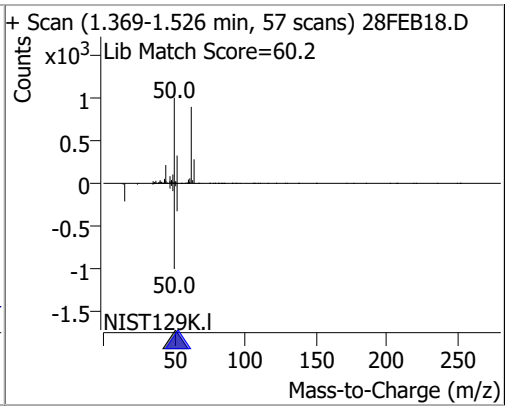




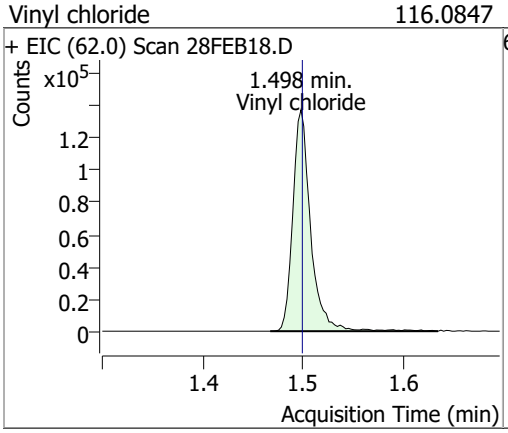
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	115.4708	1.41	0.00	185964	52.0	32.7	2.4	62.4

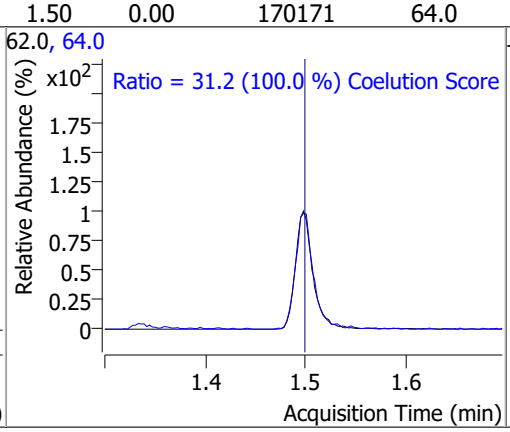


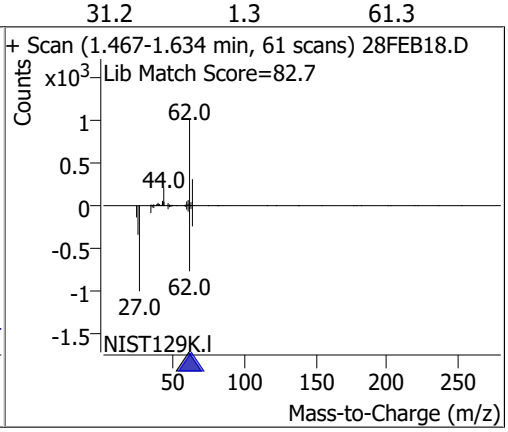




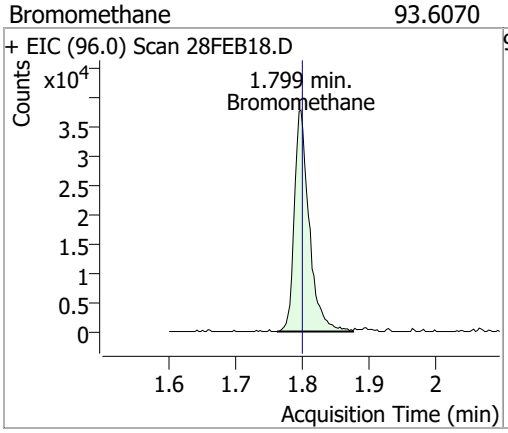
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	116.0847	1.50	0.00	170171	64.0	31.2	1.3	61.3

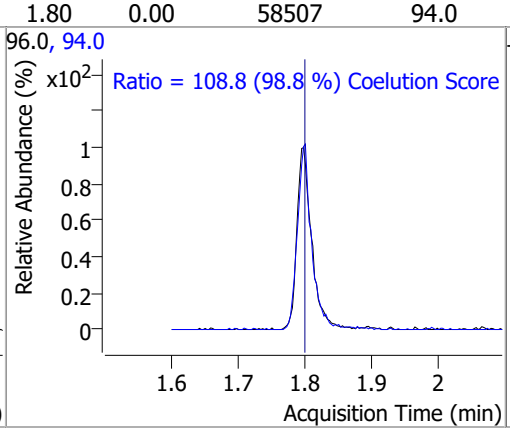


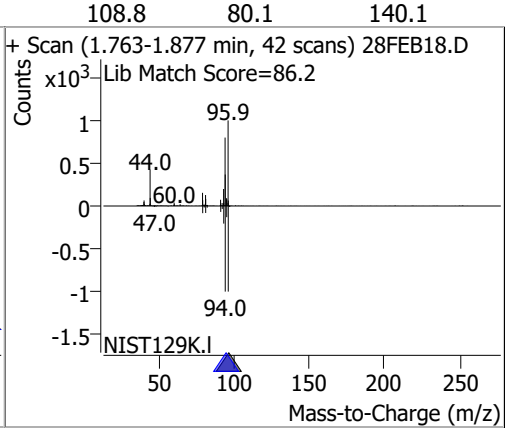




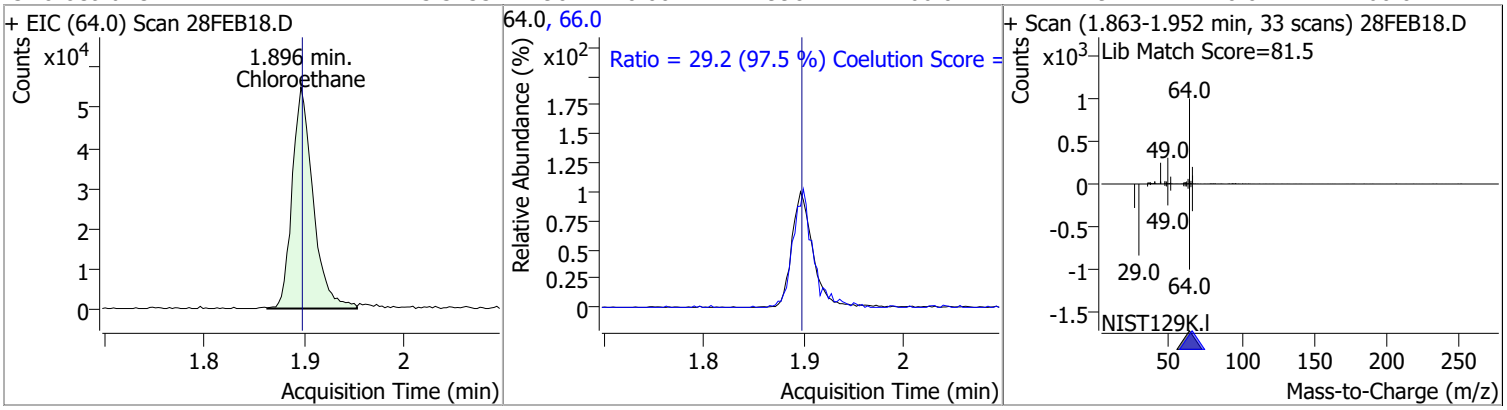
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	93.6070	1.80	0.00	58507	94.0	108.8	80.1	140.1



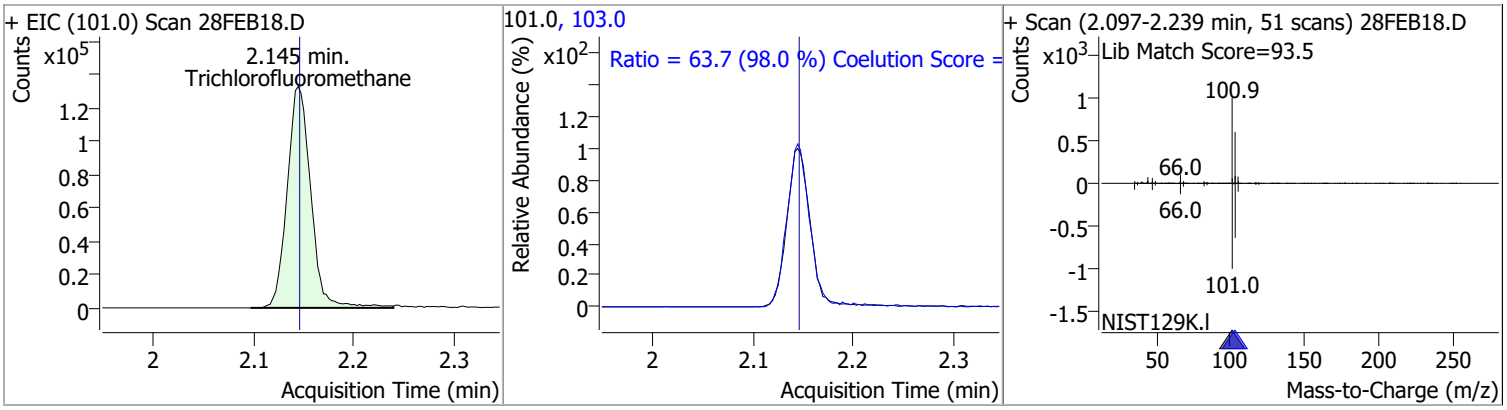




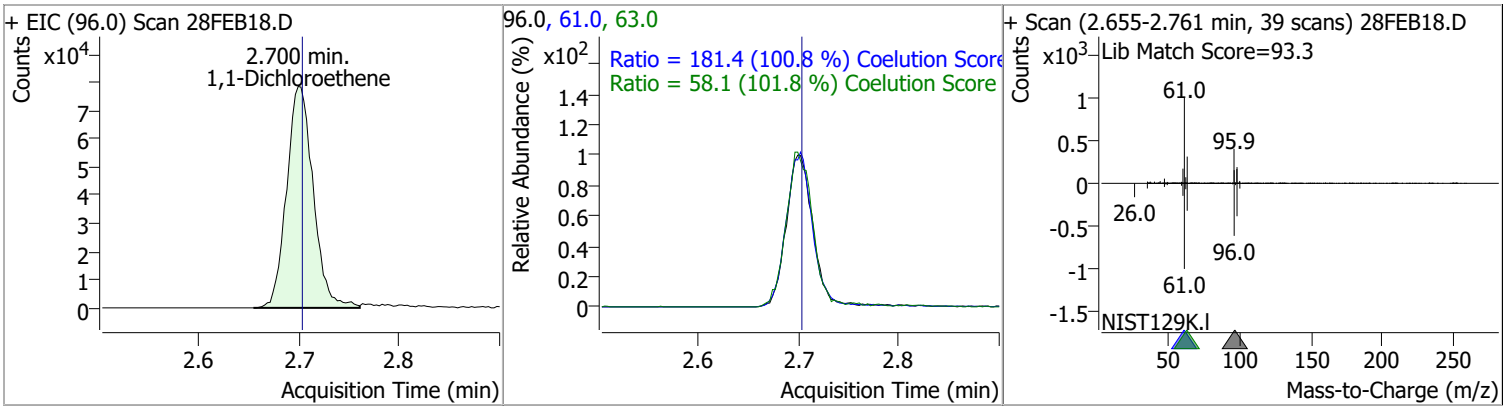
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	115.3255	1.90	0.00	79984	66.0	29.2	0.0	60.0



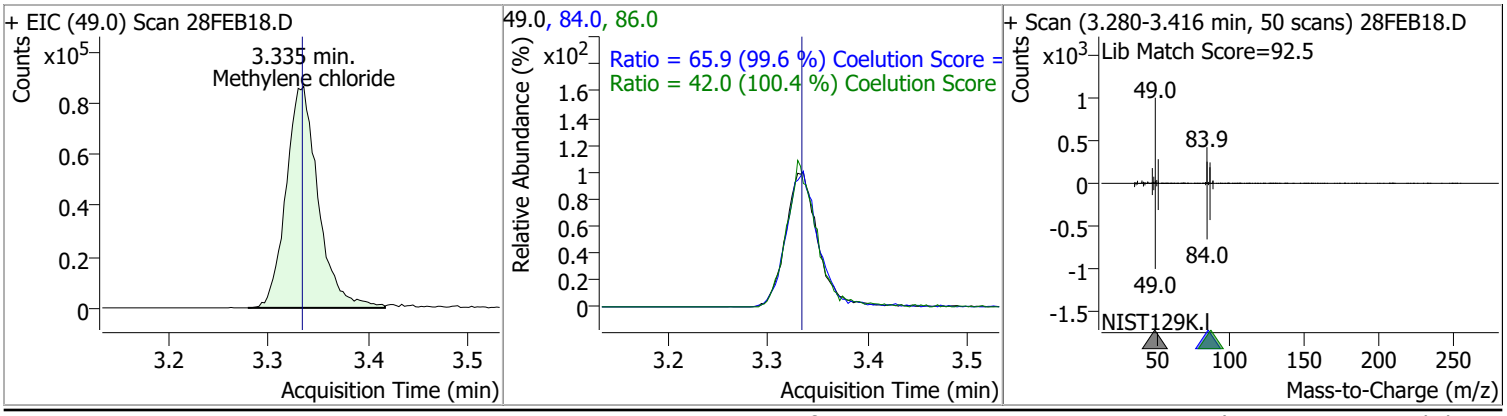
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	123.4581	2.14	0.00	217020	103.0	63.7	35.0	95.0



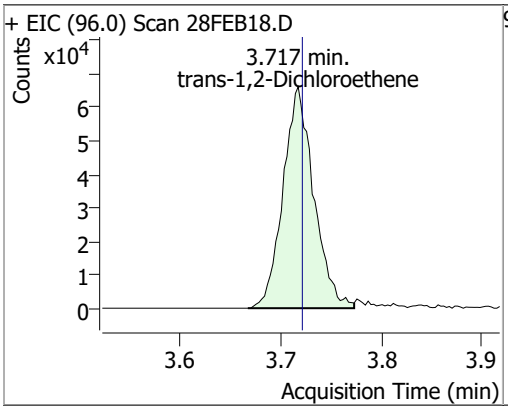
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	141.3228	2.70	0.00	144549	61.0	181.4	149.9	209.9
					63.0	58.1	27.0	87.0

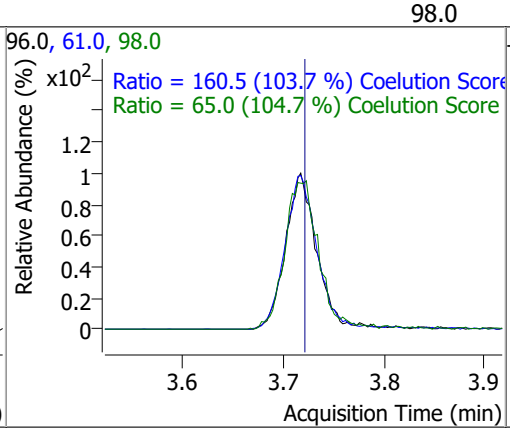


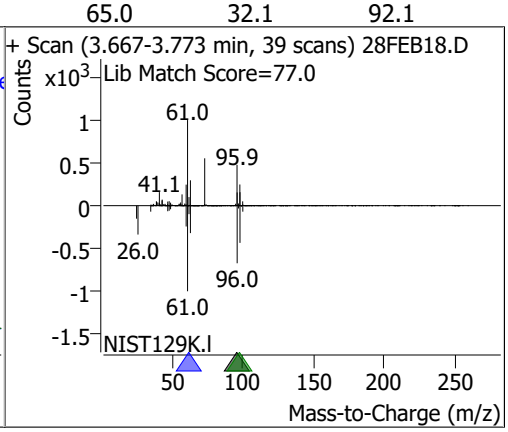
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	129.7276	3.34	0.00	192919	84.0	65.9	36.1	96.1
					86.0	42.0	11.8	71.8



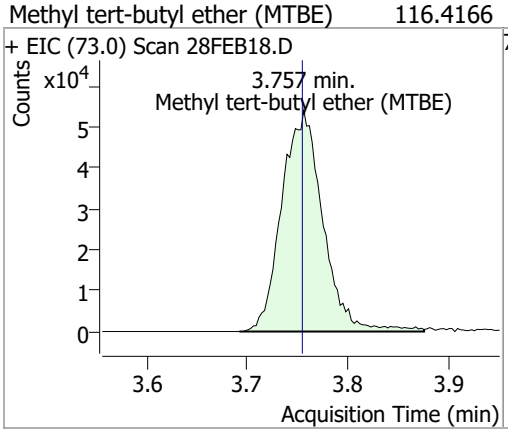
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	133.1622	3.72	0.00	140704	61.0	160.5	124.8	184.8
					98.0	65.0	32.1	92.1

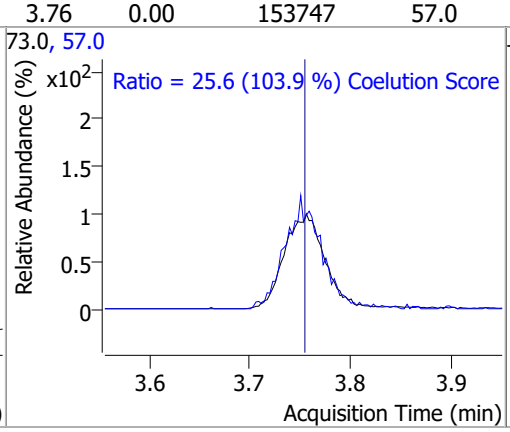


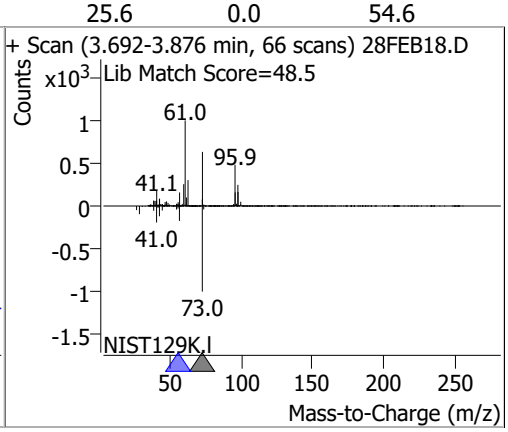




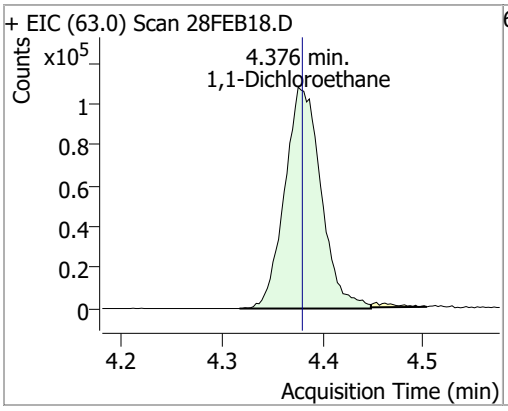
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	116.4166	3.76	0.00	153747	57.0	25.6	0.0	54.6

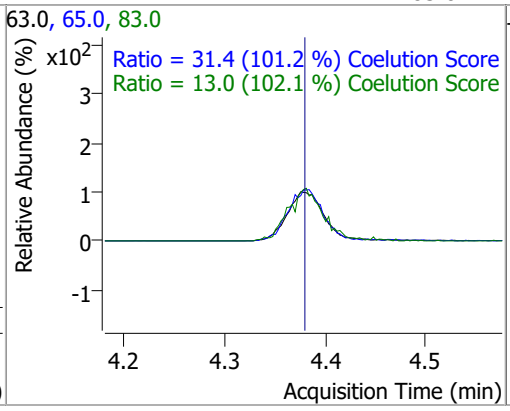


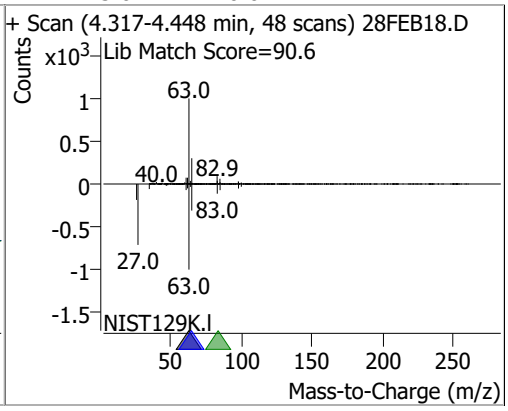




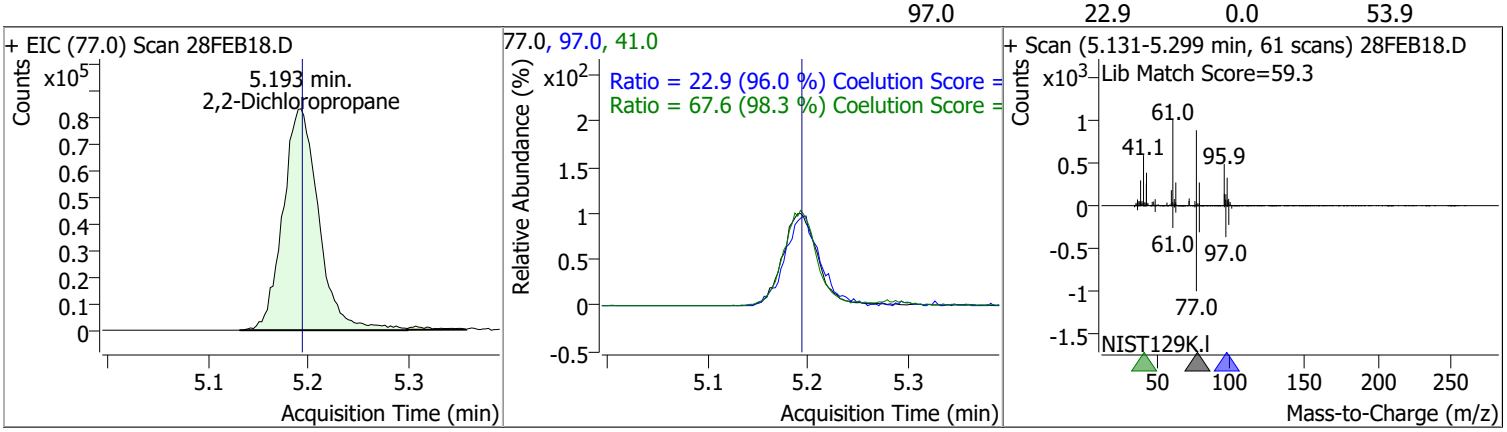
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	137.9824	4.38	0.00	272864	65.0	31.4	1.0	61.0
					83.0	13.0	0.0	42.7



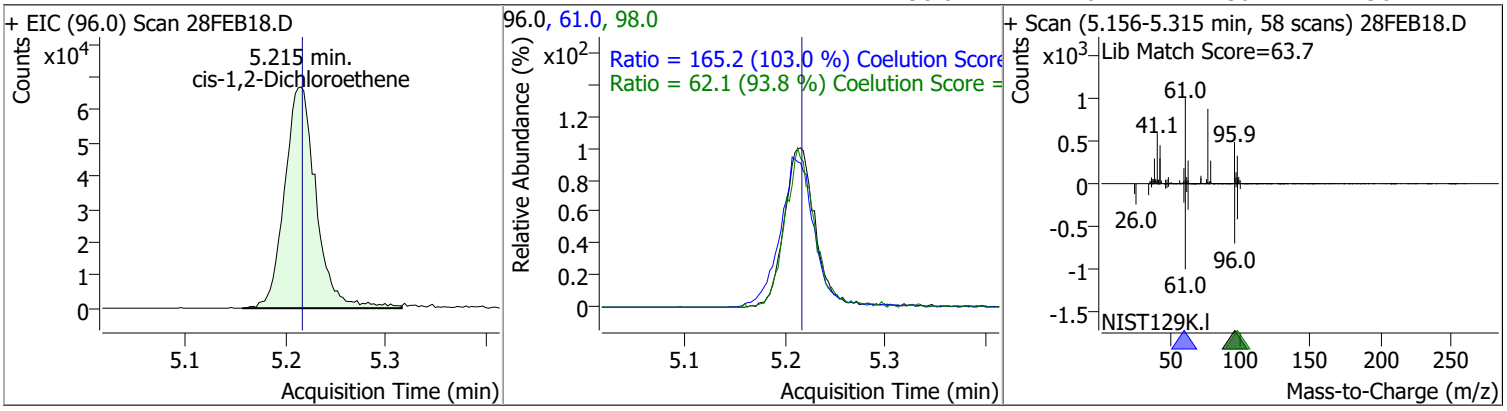




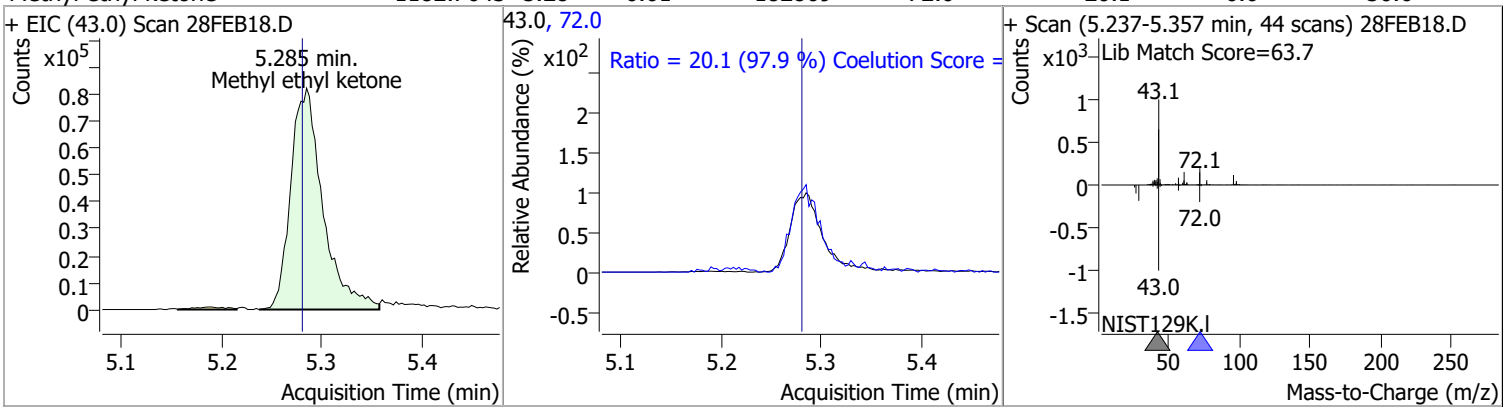
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	138.5377	5.19	0.00	206461	41.0	67.6	38.8	98.8
					97.0	22.9	0.0	53.9



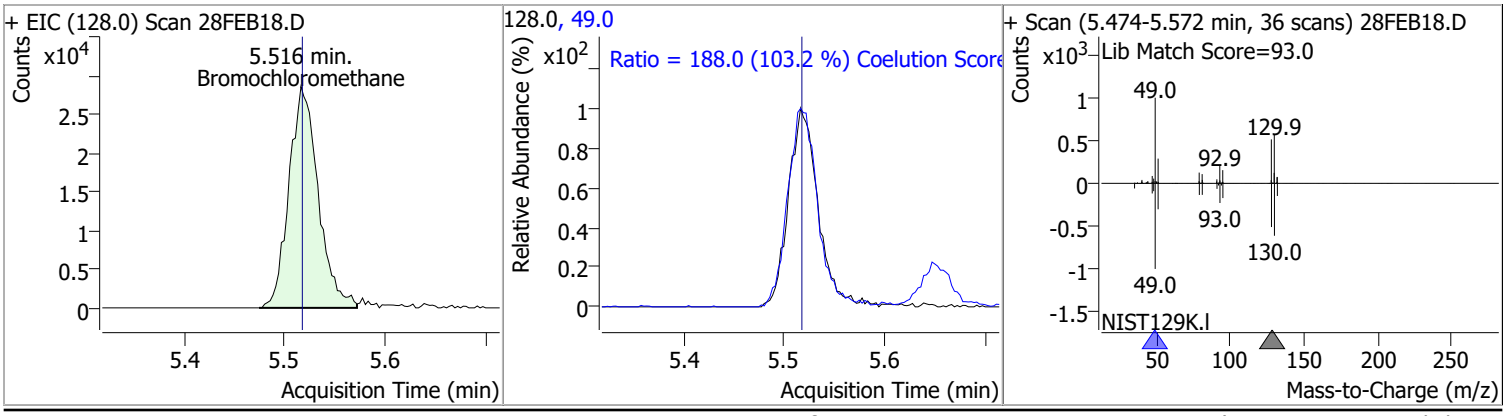
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	136.2388	5.21	0.00	145756	61.0	165.2	130.4	190.4
					98.0	62.1	36.2	96.2



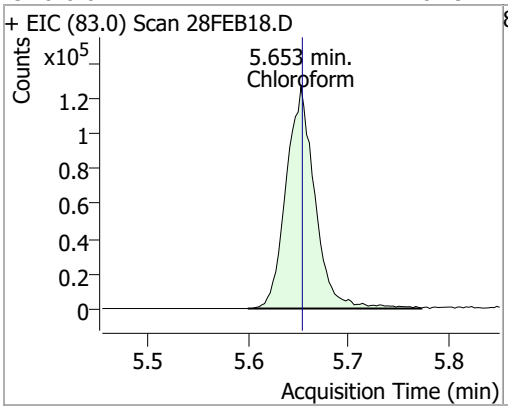
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1182.7643	5.28	0.01	182869	72.0	20.1	0.0	50.6

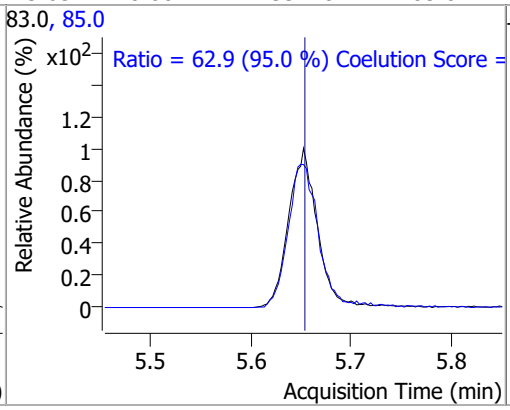


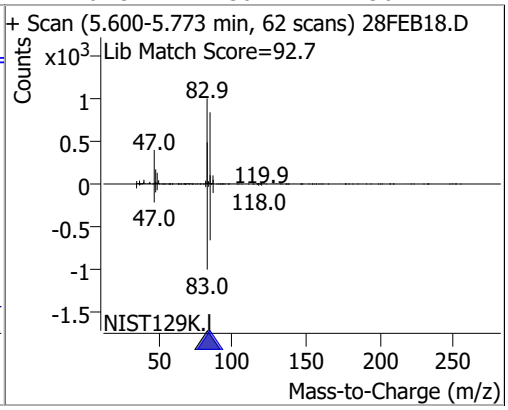
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	131.3067	5.52	0.00	57921	49.0	188.0	152.2	212.2



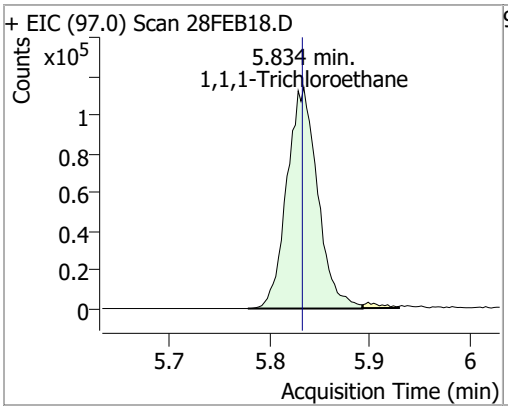
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	128.4927	5.65	0.00	253710	85.0	62.9	36.2	96.2

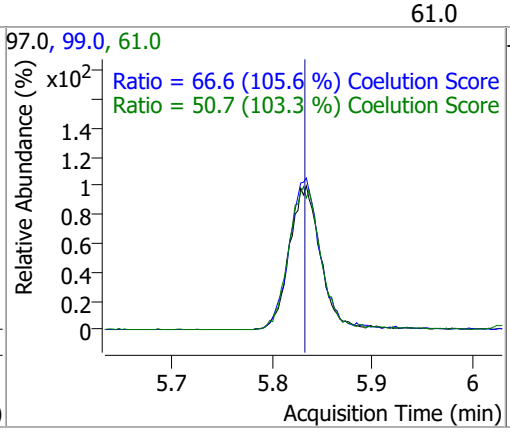


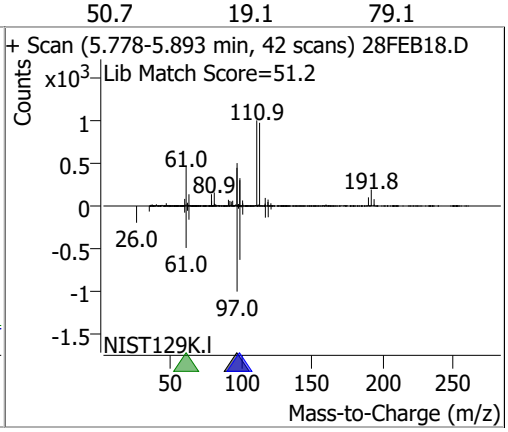




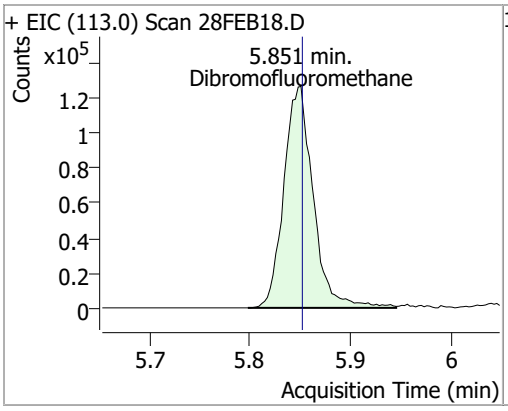
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	134.0840	5.83	0.00	244274	99.0	66.6	33.1	93.1
					61.0	50.7	19.1	79.1

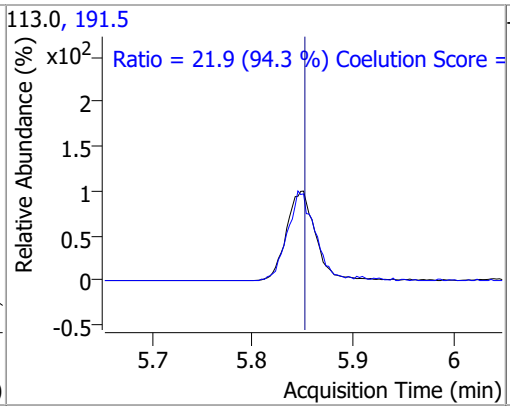


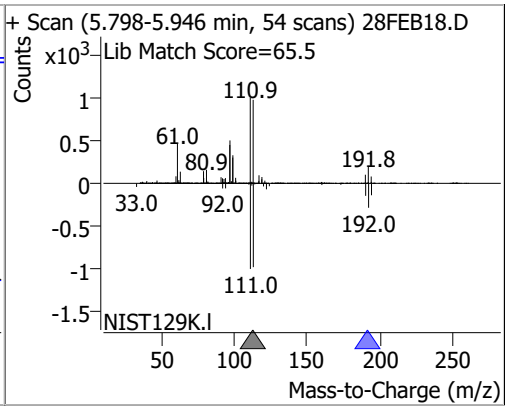




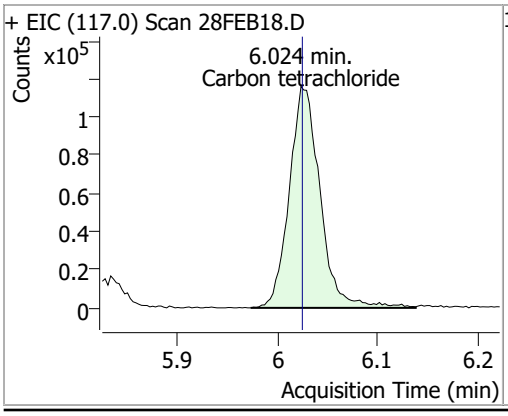
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	261.7338	5.85	0.00	257902	191.5	21.9	0.0	53.2

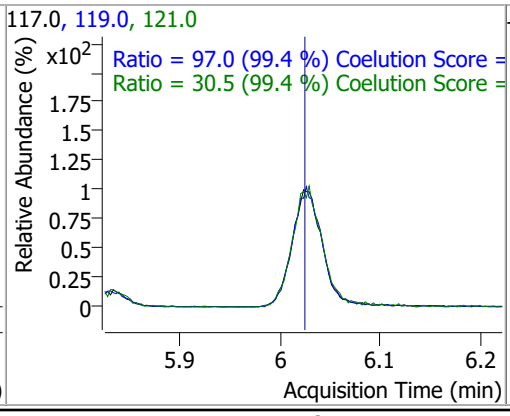


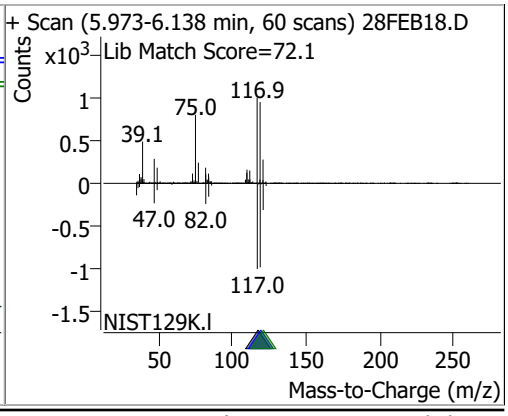




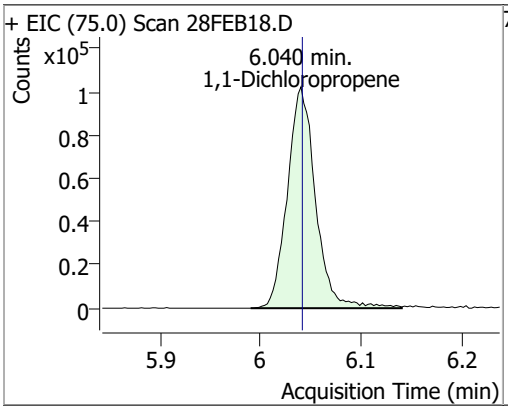
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	140.2727	6.02	0.00	247848	119.0	97.0	67.6	127.6
					121.0	30.5	0.7	60.7

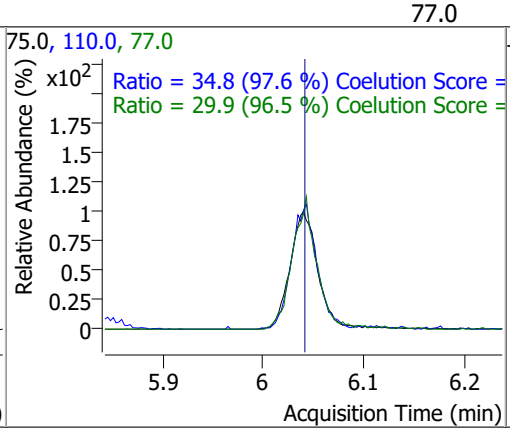


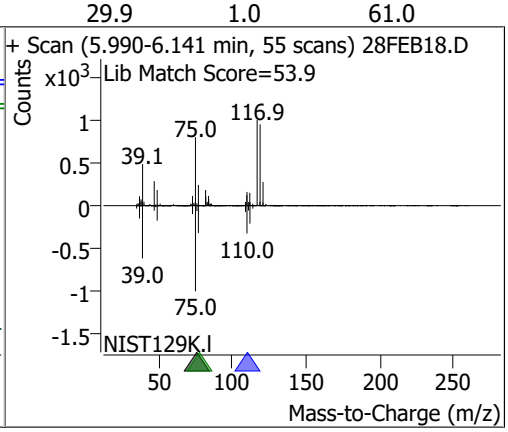




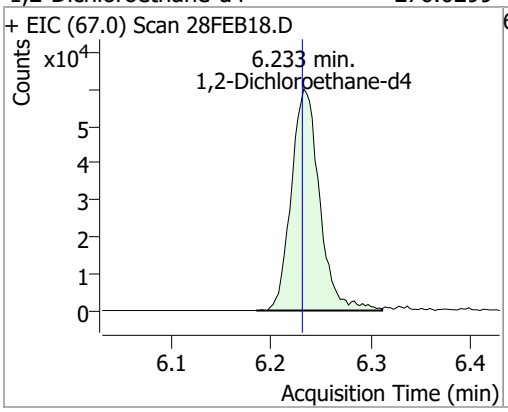
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	134.9093	6.04	0.00	199303	110.0	34.8	5.6	65.6
					77.0	29.9	1.0	61.0

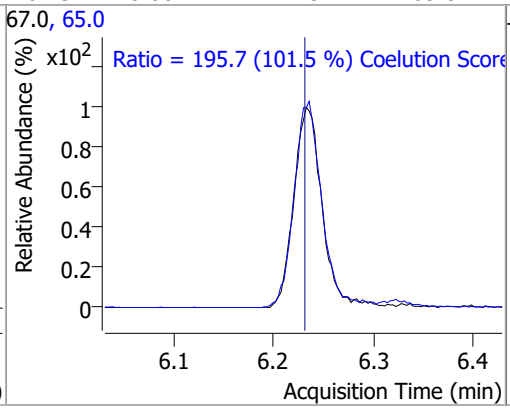


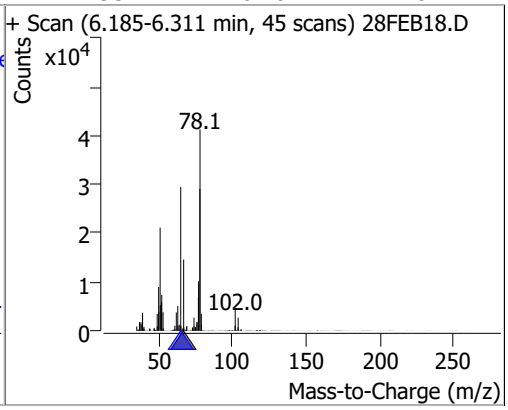




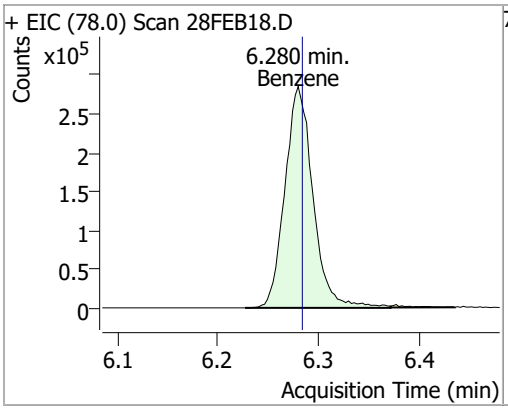
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	276.0299	6.23	0.00	117492	65.0	195.7	162.8	222.8

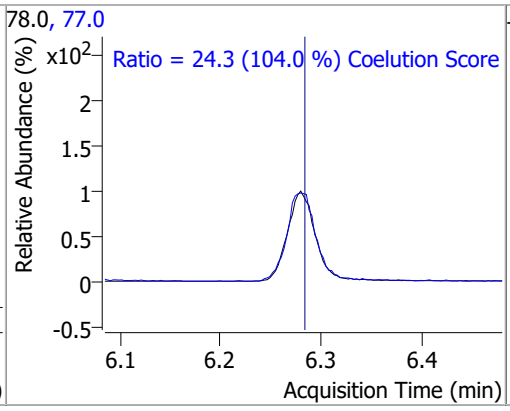


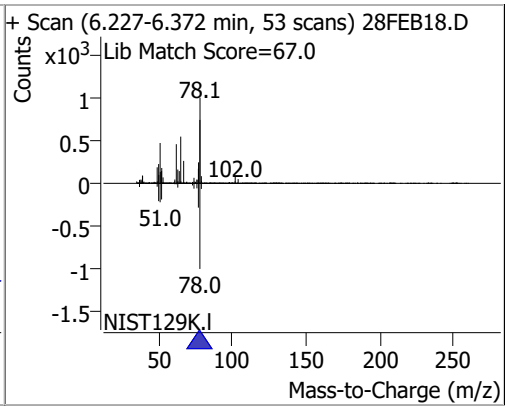




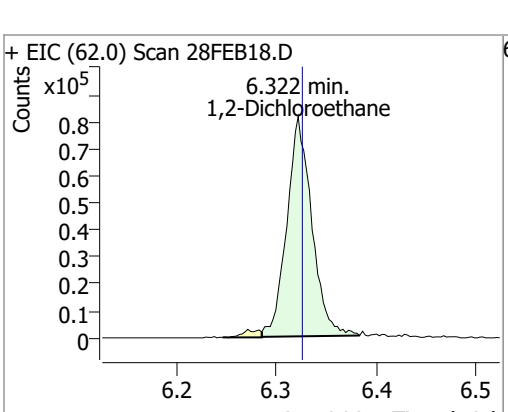
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	136.5241	6.28	0.00	554838	77.0	24.3	0.0	53.3

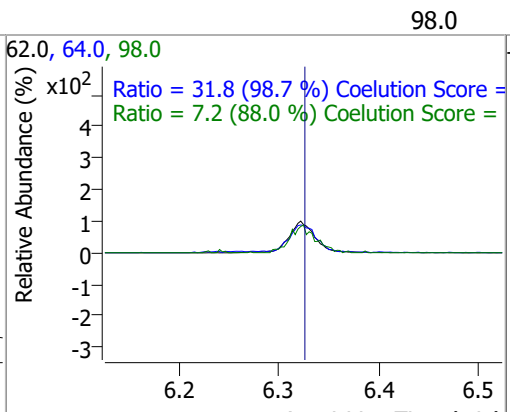


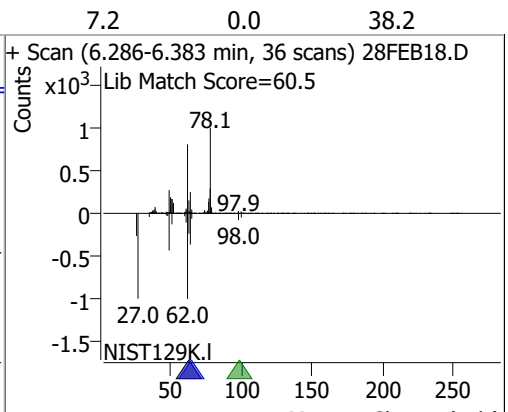




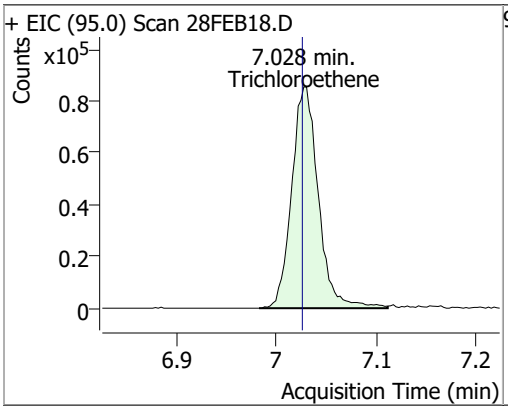
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	125.5618	6.32	0.00	140943	64.0	31.8	2.2	62.2
					98.0	7.2	0.0	38.2

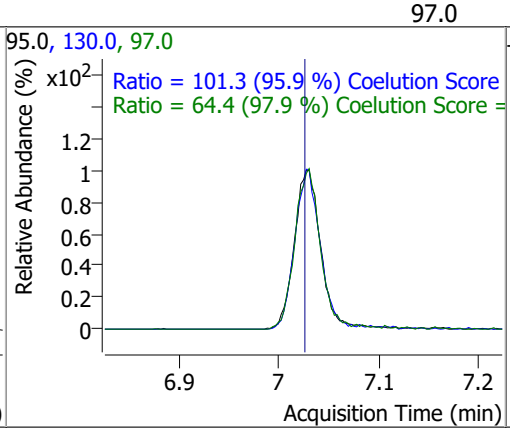


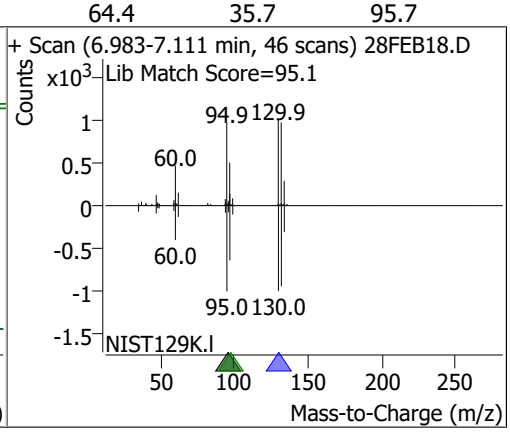




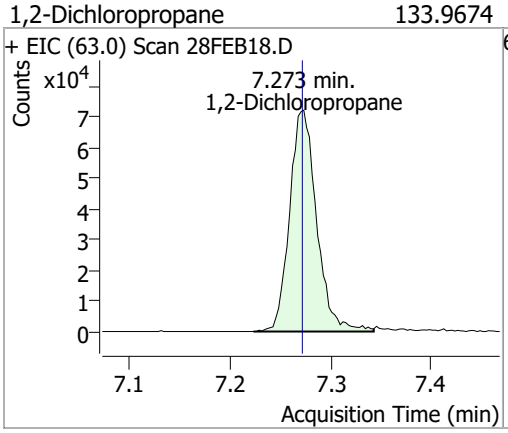
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	137.2142	7.03	0.00	157556	130.0	101.3	75.6	135.6
					97.0	64.4	35.7	95.7

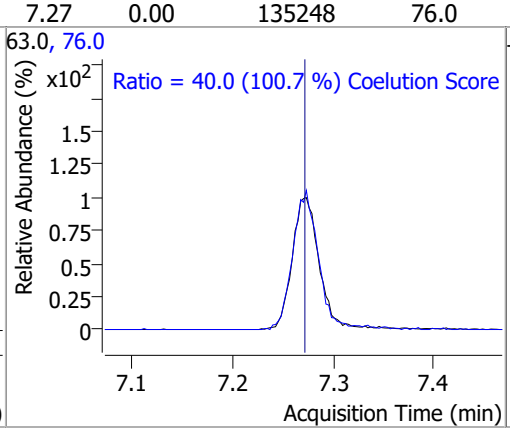


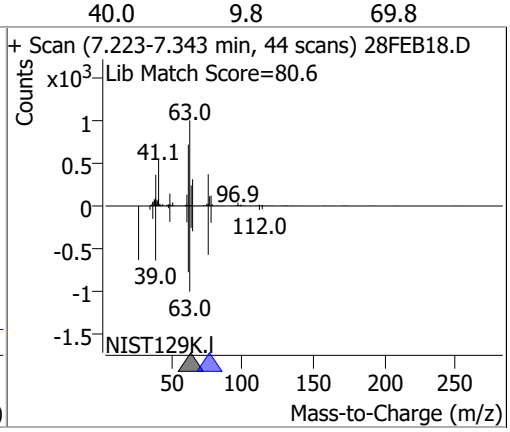




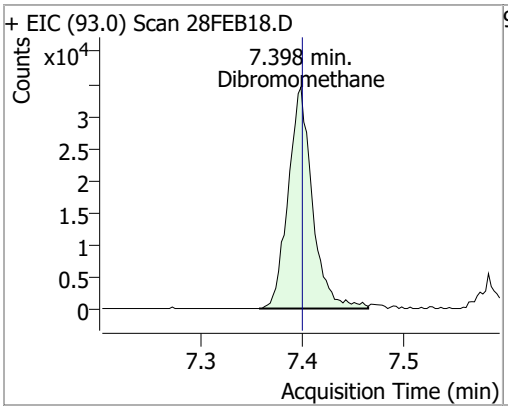
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	133.9674	7.27	0.00	135248	76.0	40.0	9.8	69.8

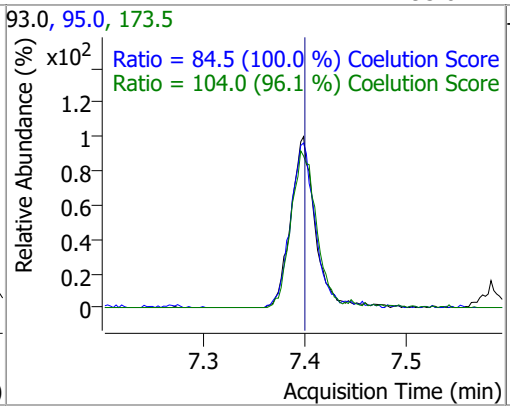


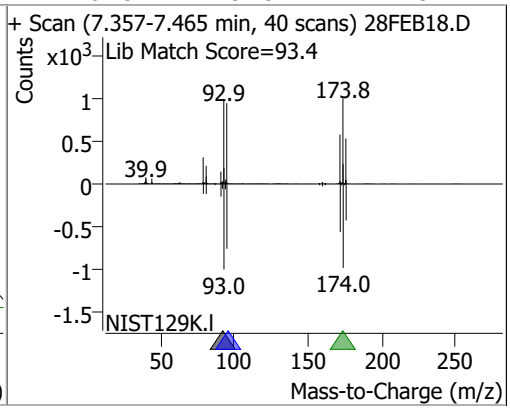




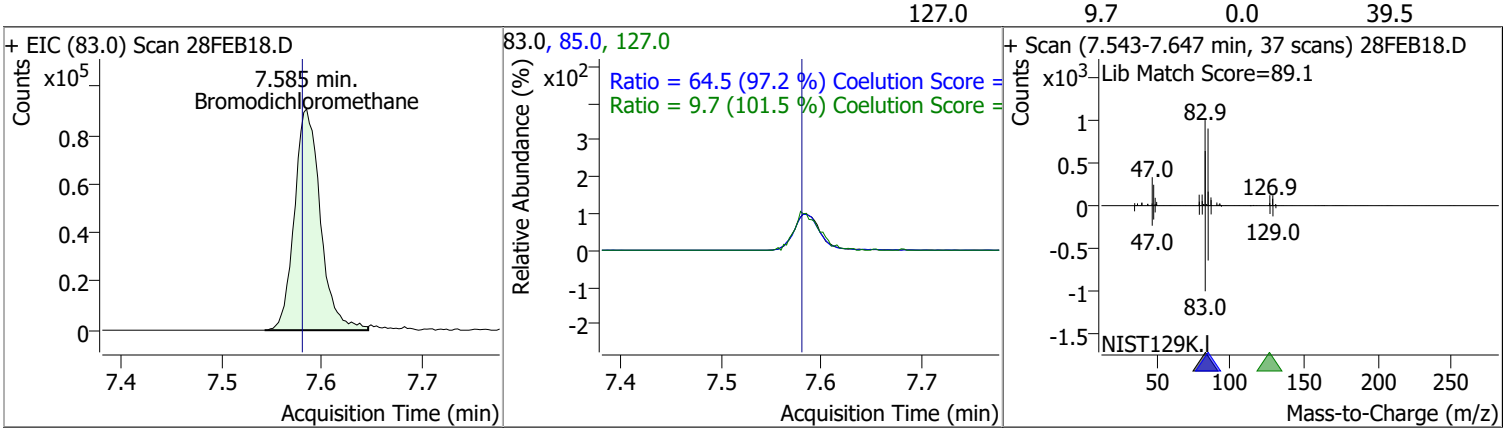
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	135.7662	7.40	0.00	57773	173.5	104.0	78.2	138.2
					95.0	84.5	54.5	114.5



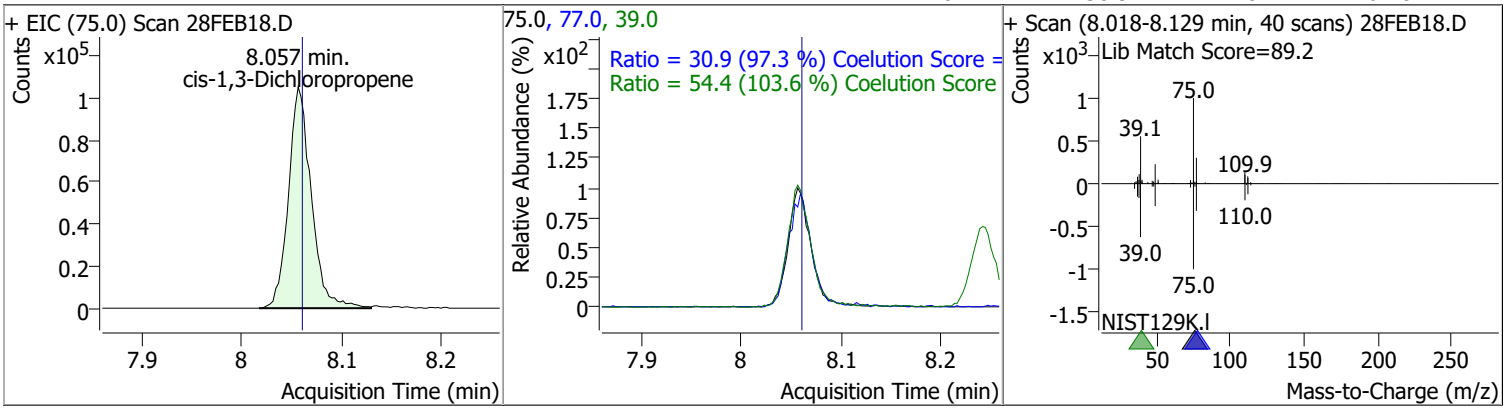




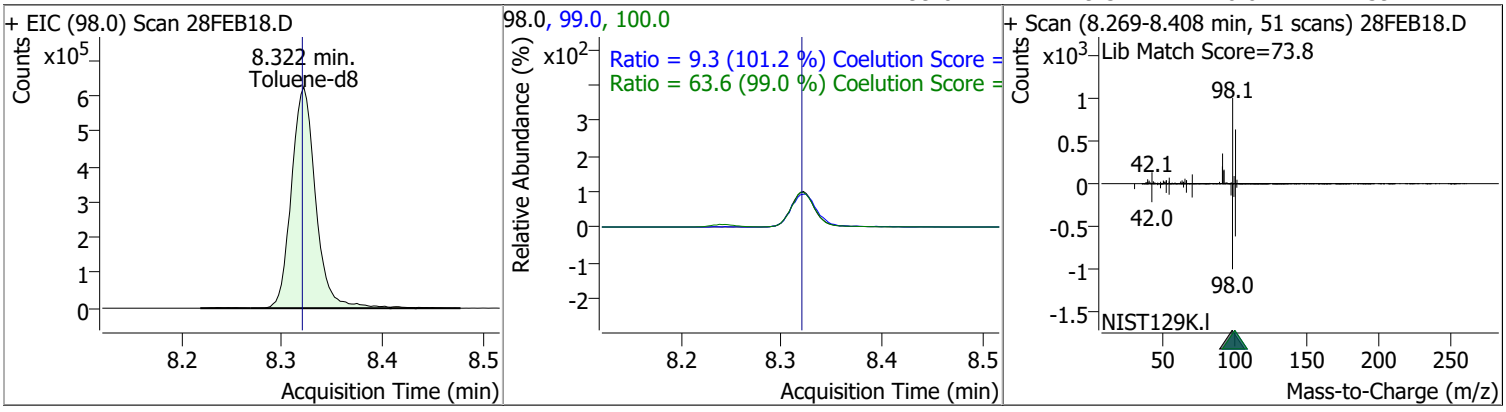
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	136.5377	7.59	0.01	163379	85.0	64.5	36.3	96.3
					127.0	9.7	0.0	39.5



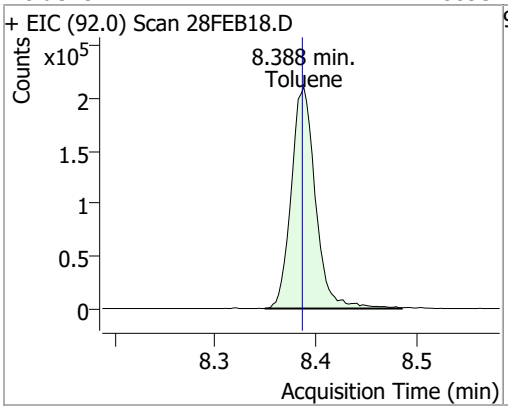
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	126.6692	8.06	0.00	166323	39.0	54.4	22.5	82.5
					77.0	30.9	1.8	61.8

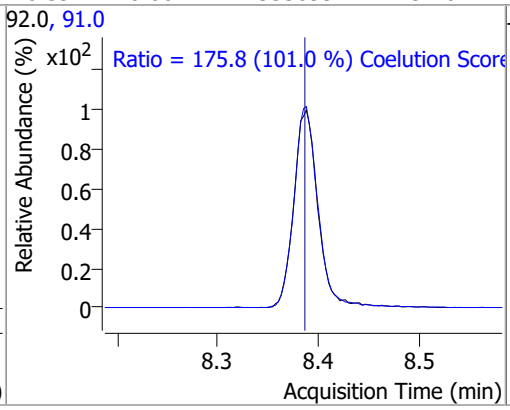


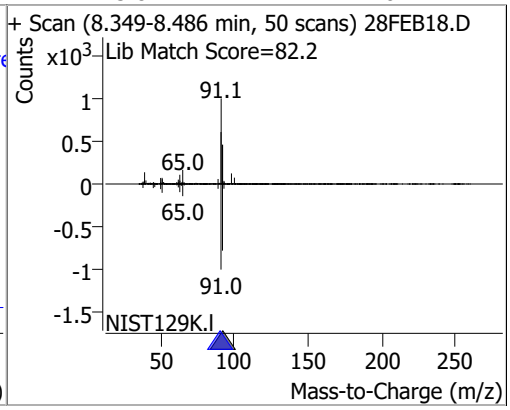
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	278.7516	8.32	0.00	1043055	100.0	63.6	34.3	94.3
					99.0	9.3	0.0	39.2



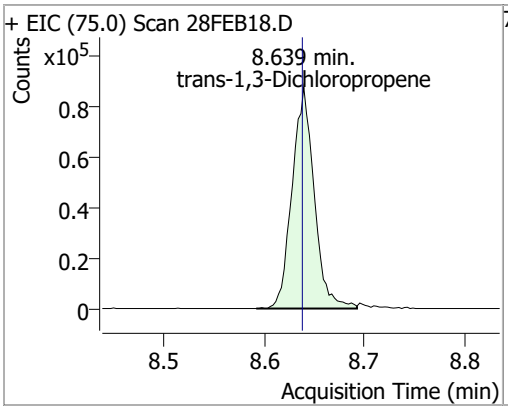
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	141.8893	8.39	0.00	353899	91.0	175.8	144.1	204.1

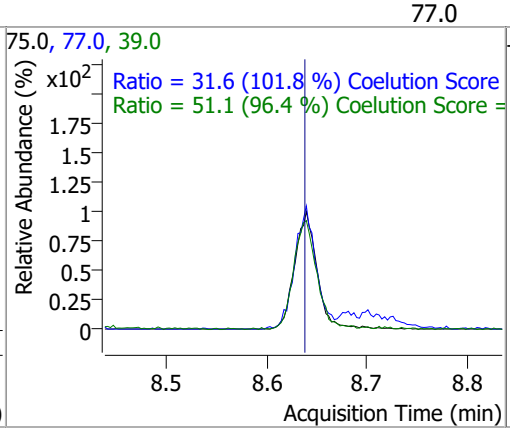


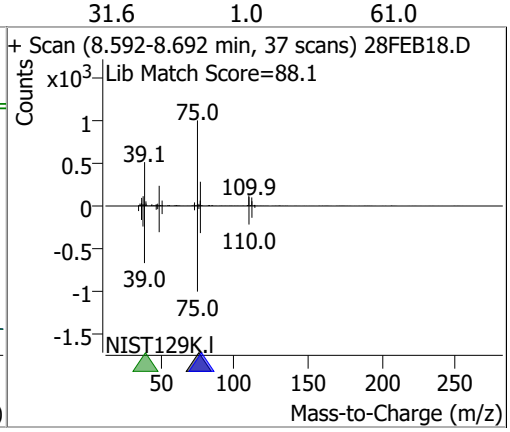




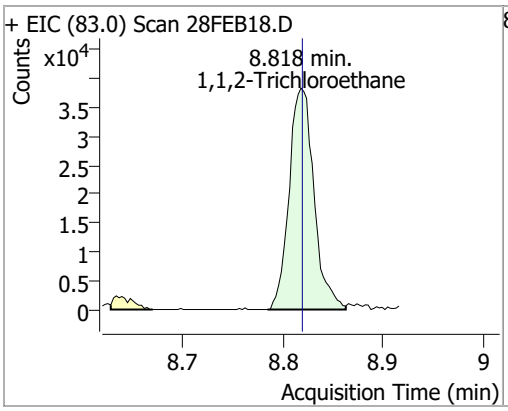
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	140.4781	8.64	0.00	134546	39.0	51.1	23.0	83.0
					77.0	31.6	1.0	61.0

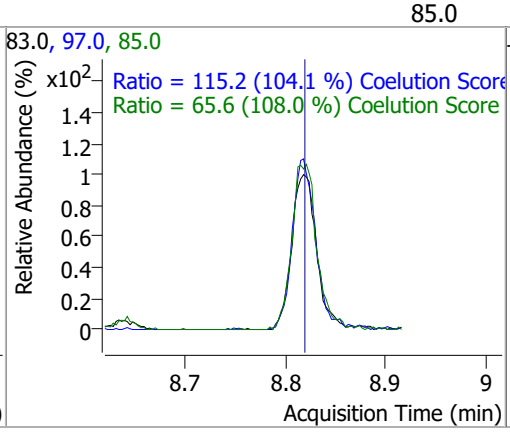


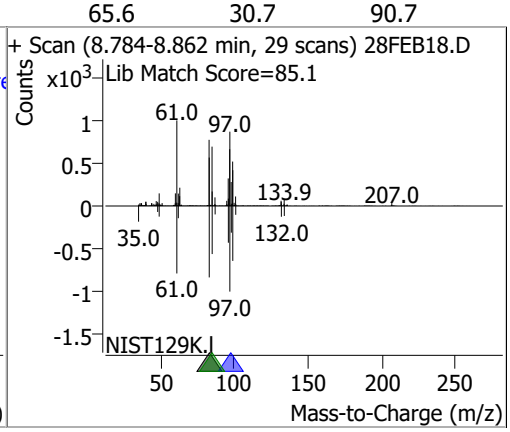




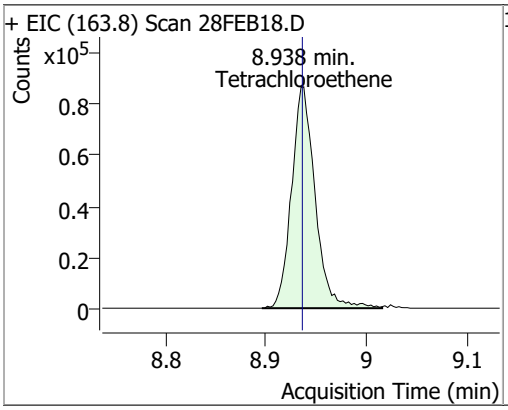
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	135.8446	8.82	0.00	66158	97.0	115.2	80.7	140.7
					85.0	65.6	30.7	90.7

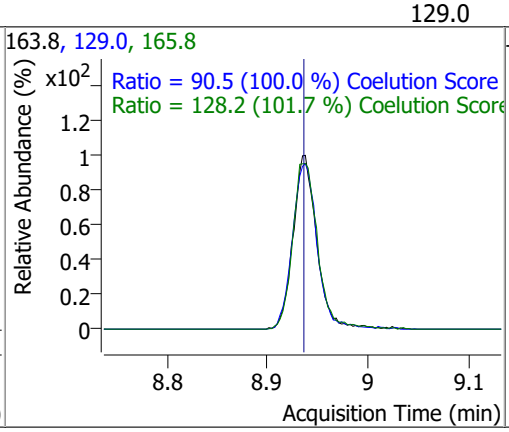


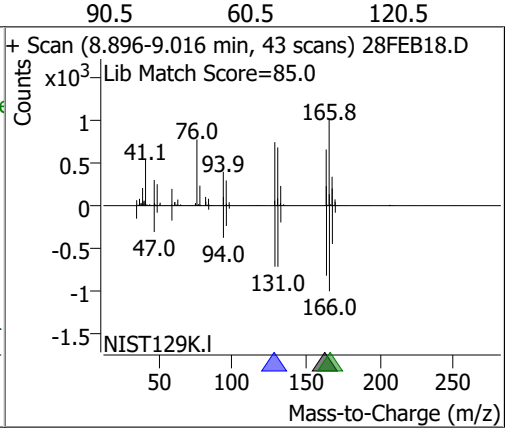




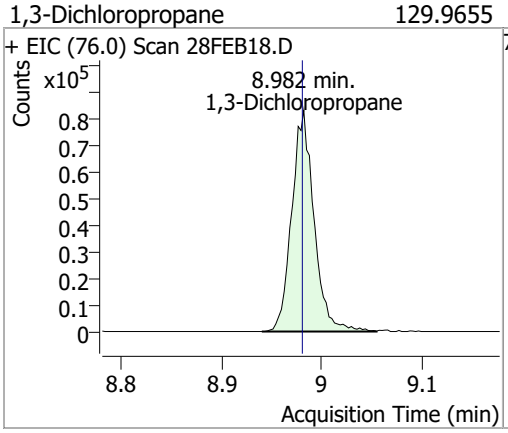
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	140.8098	8.94	0.00	142416	165.8	128.2	96.1	156.1
					129.0	90.5	60.5	120.5

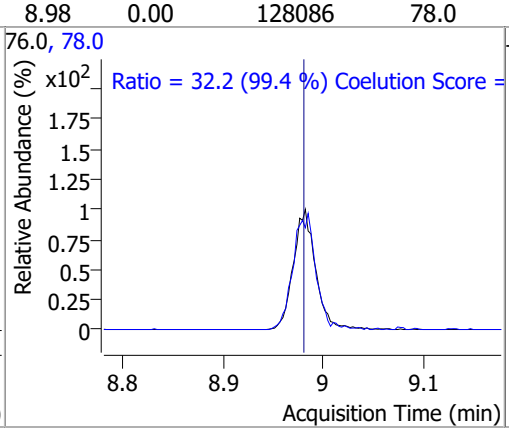


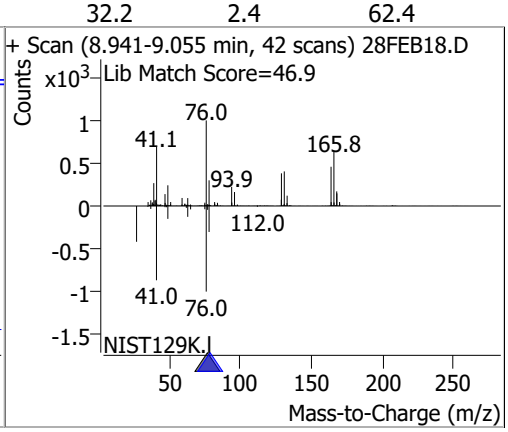




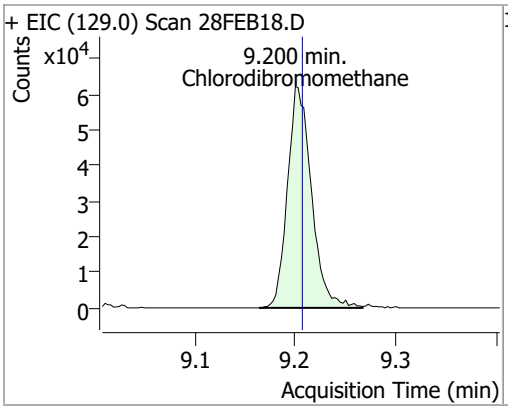
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	129.9655	8.98	0.00	128086	78.0	32.2	2.4	62.4

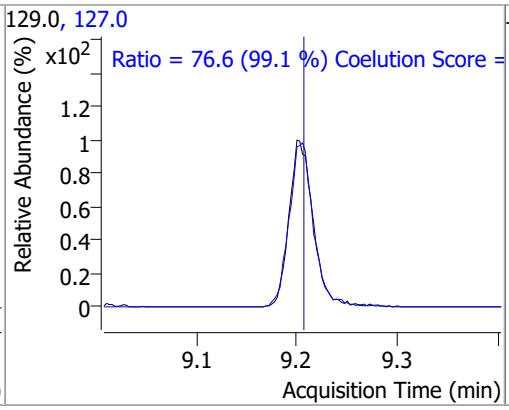


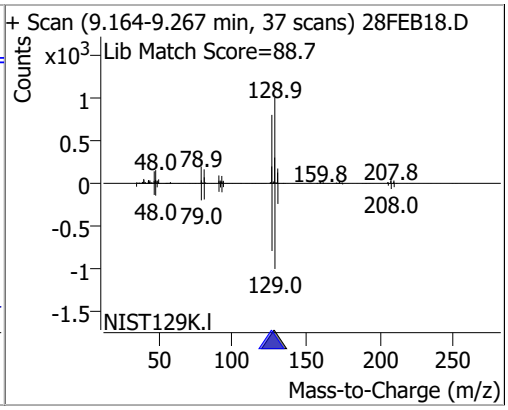




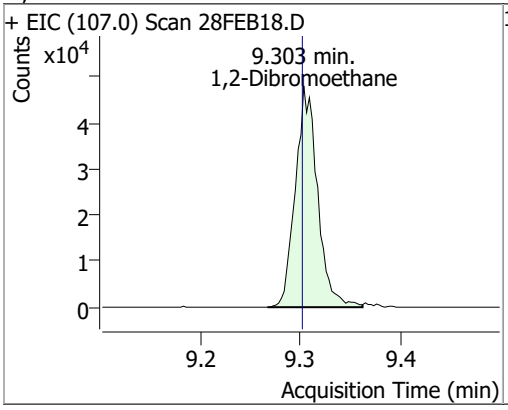
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	131.8495	9.20	-0.01	103415	127.0	76.6	47.2	107.2

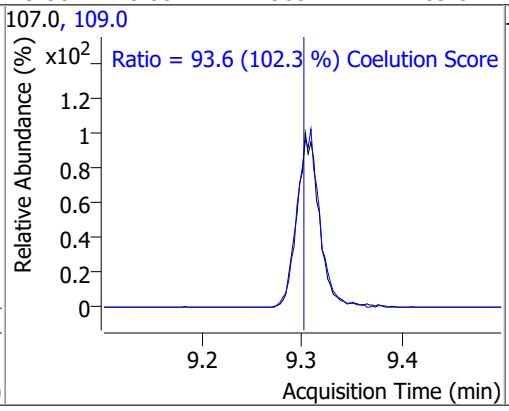


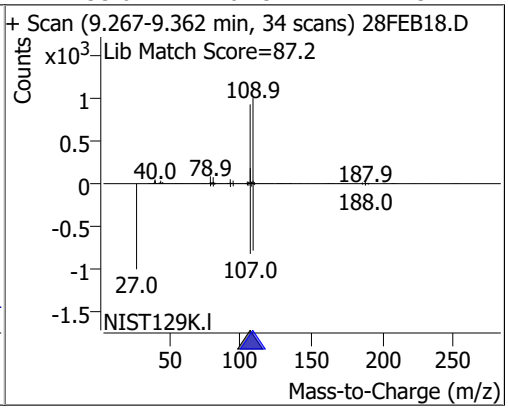




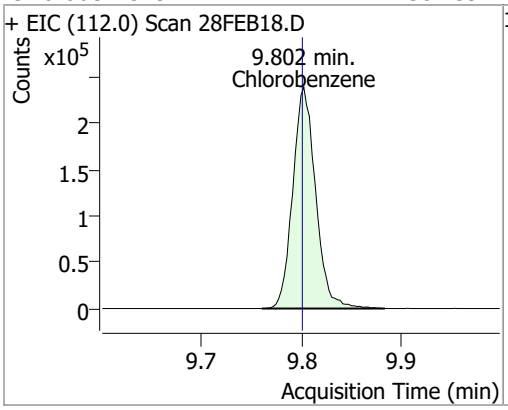
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	136.8918	9.30	0.00	73632	109.0	93.6	61.5	121.5

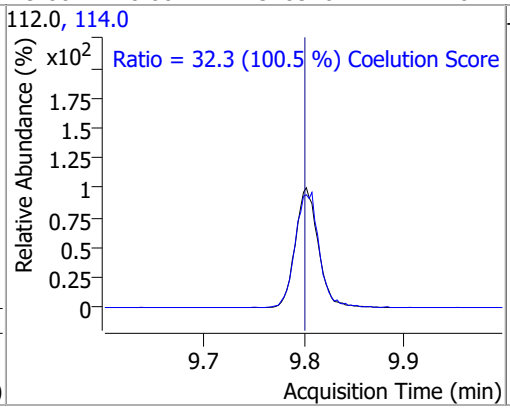


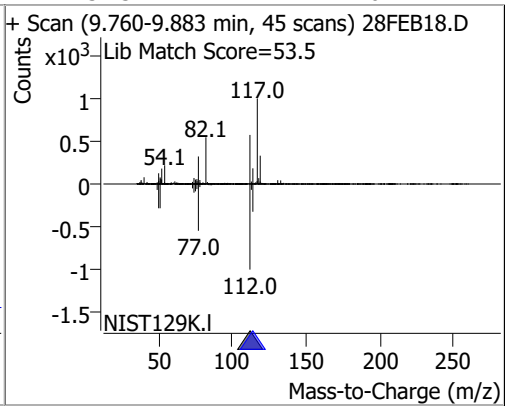




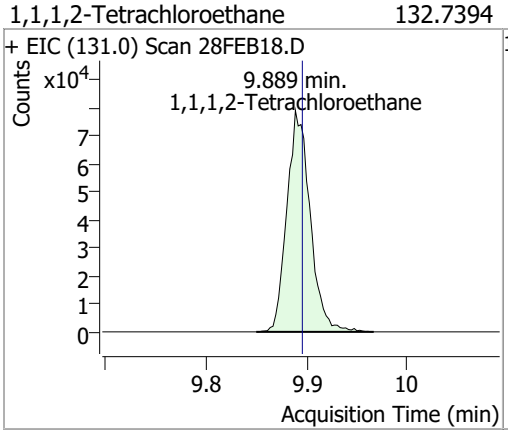
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	138.4397	9.80	0.00	378526	114.0	32.3	2.2	62.2

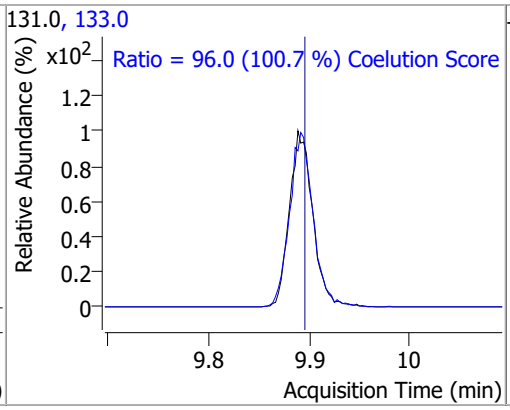


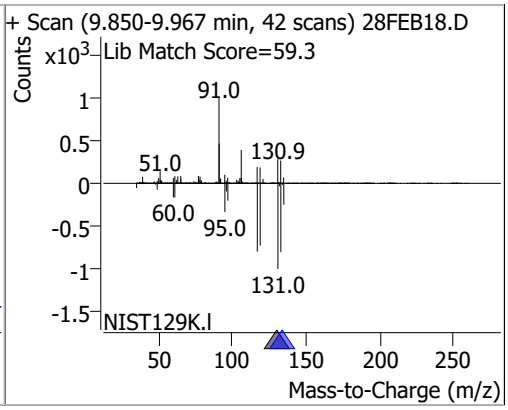




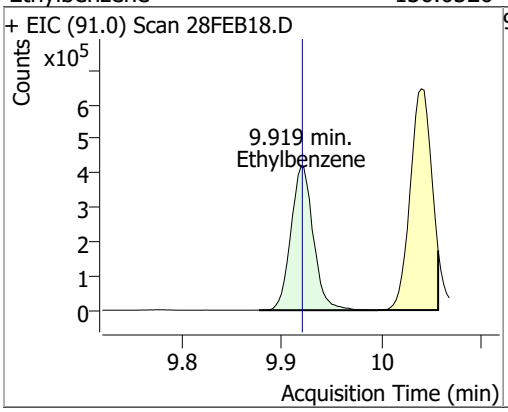
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	132.7394	9.89	-0.01	127343	133.0	96.0	65.3	125.3

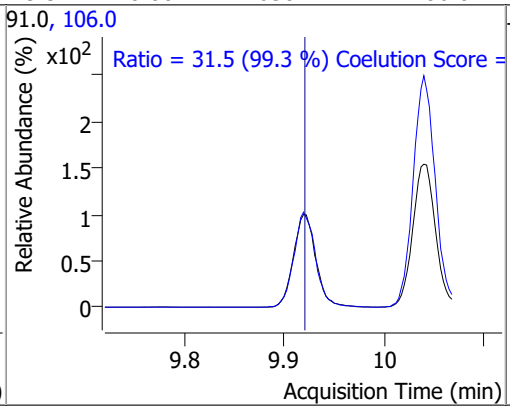


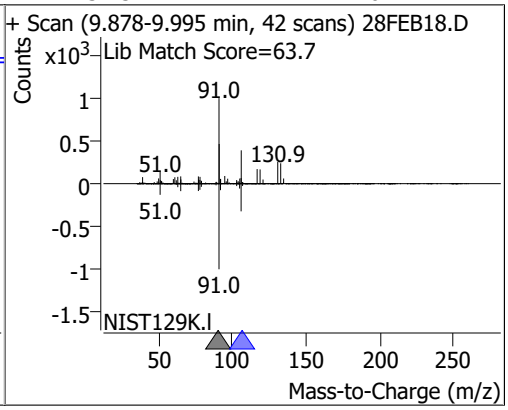




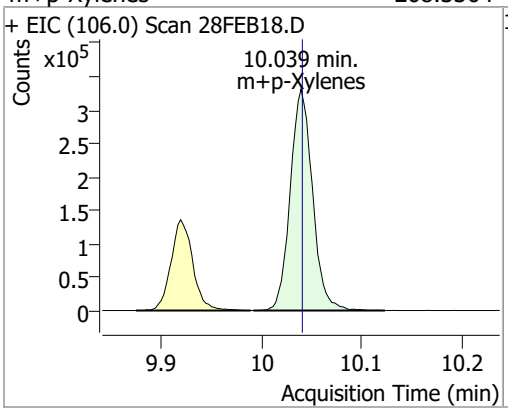
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	136.0326	9.92	0.00	650427	106.0	31.5	1.7	61.7

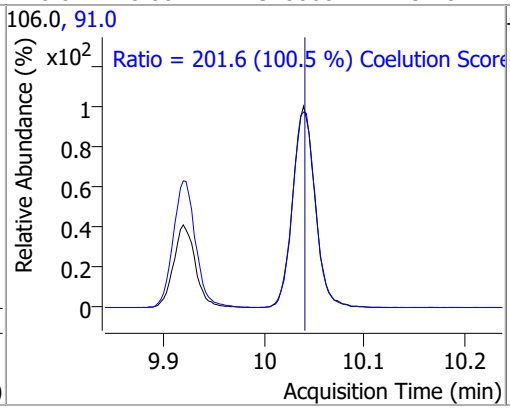


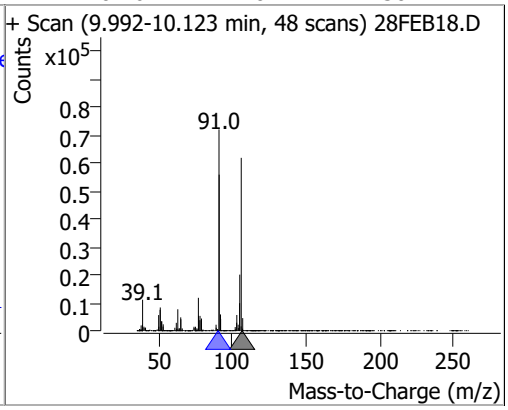




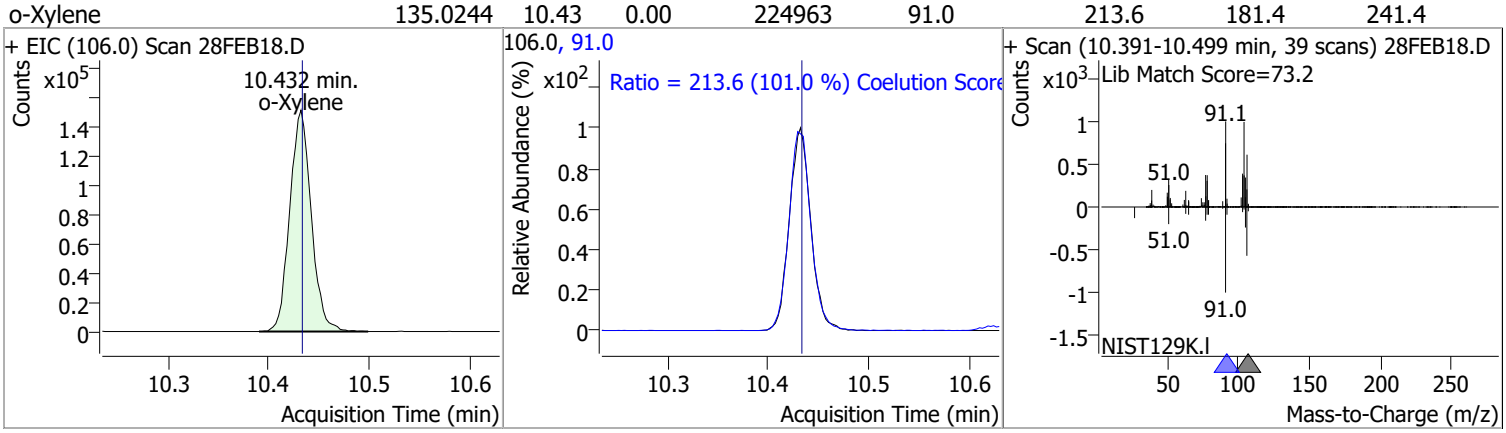
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	268.3364	10.04	0.00	510660	91.0	201.6	170.7	230.7



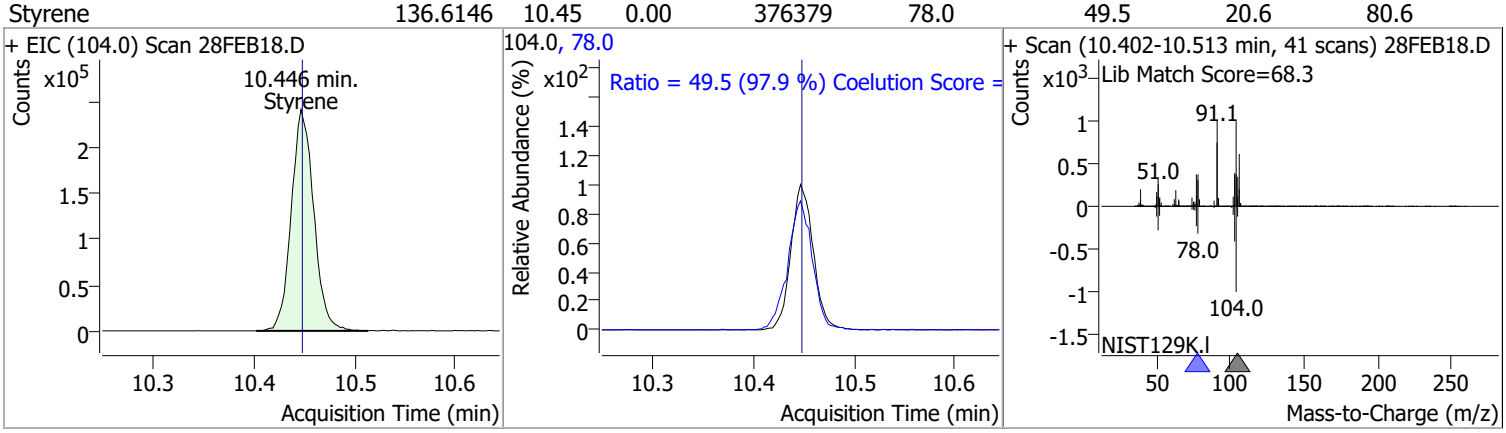




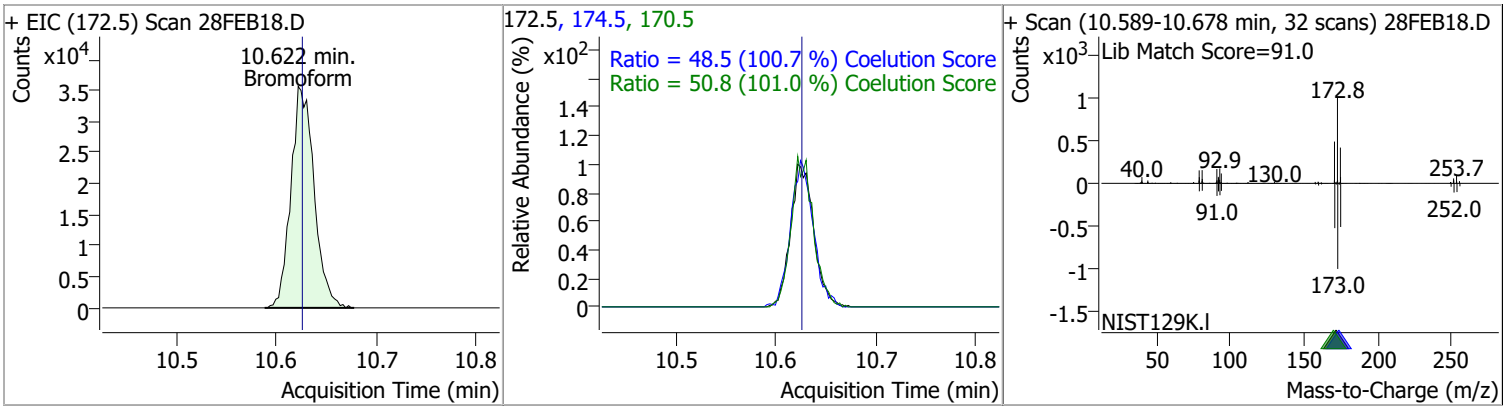
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	135.0244	10.43	0.00	224963	91.0	213.6	181.4	241.4



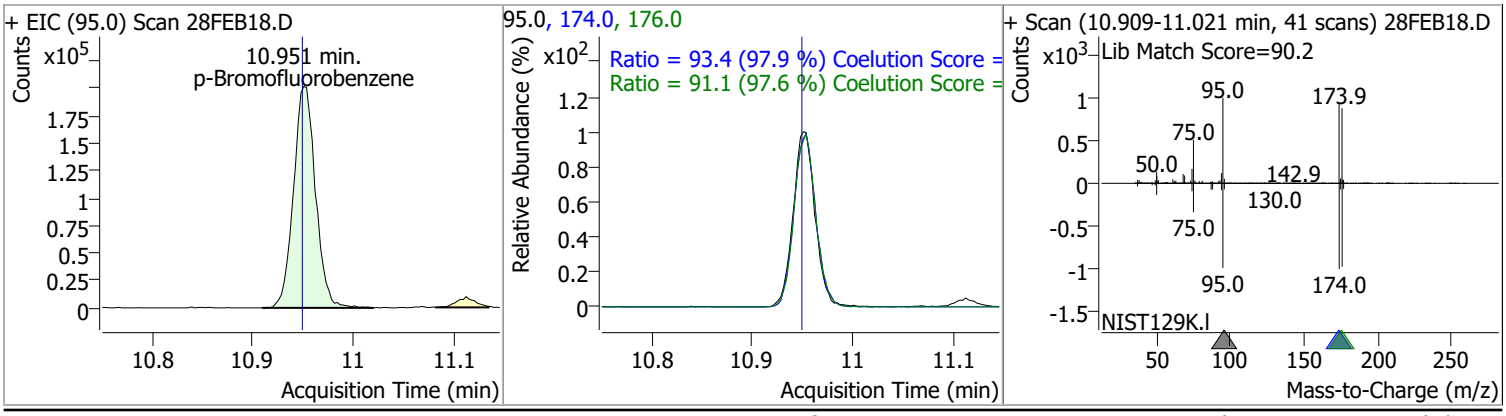
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	136.6146	10.45	0.00	376379	78.0	49.5	20.6	80.6



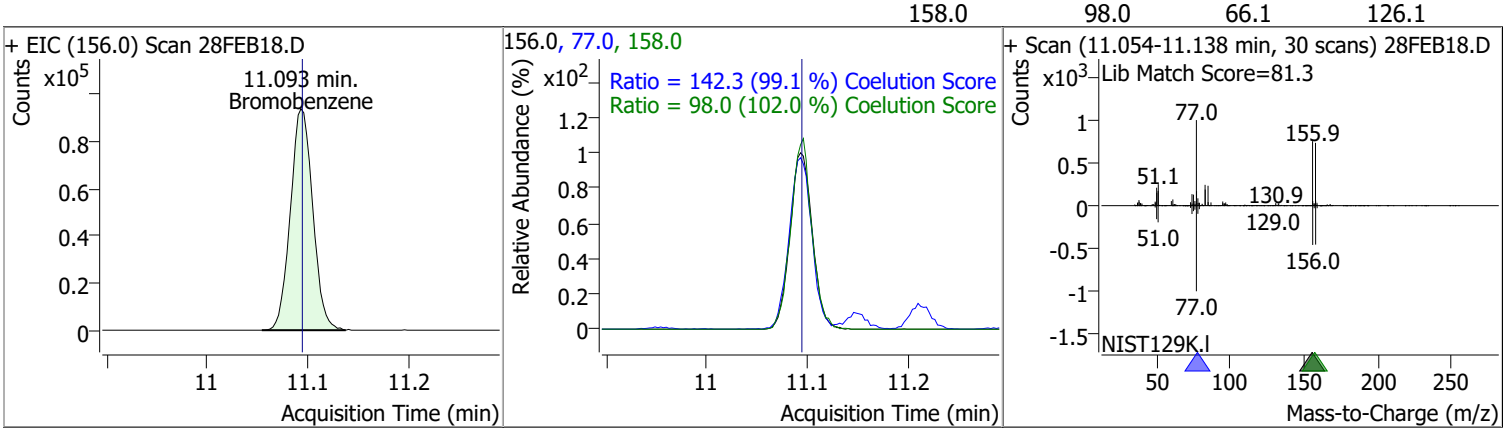
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	135.8198	10.62	0.00	57241	170.5	50.8	20.3	80.3
					174.5	48.5	18.1	78.1



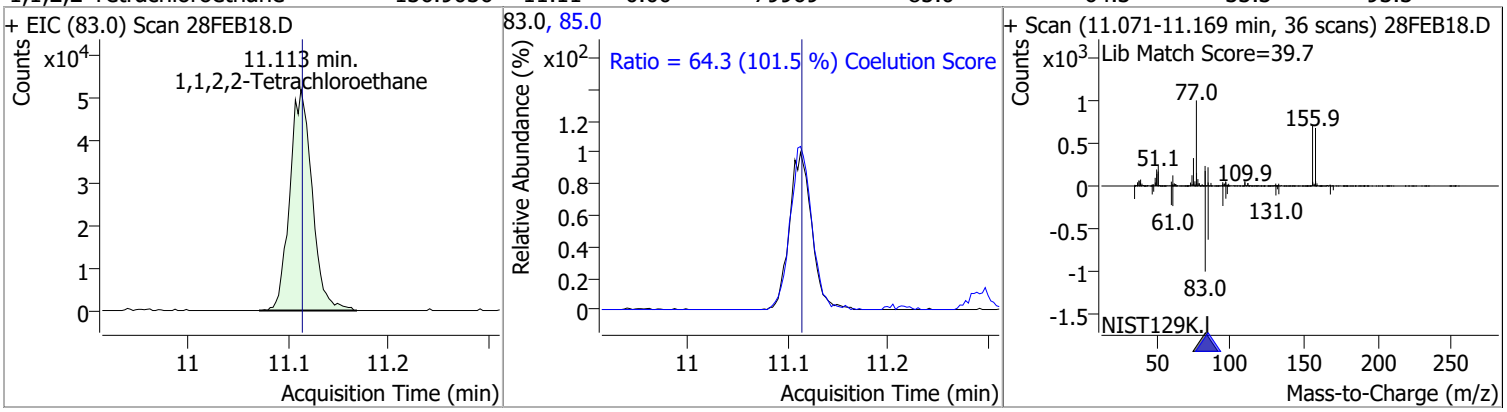
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.0222	10.95	0.00	306601	174.0	93.4	65.3	125.3
					176.0	91.1	63.3	123.3



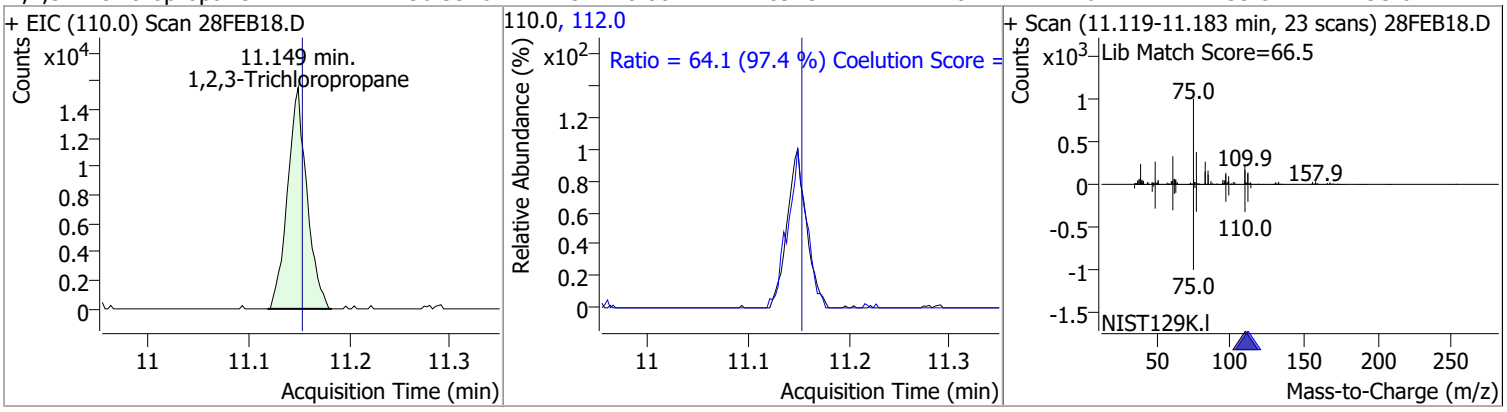
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	141.8381	11.09	0.00	145254	77.0	142.3	113.5	173.5
					158.0	98.0	66.1	126.1



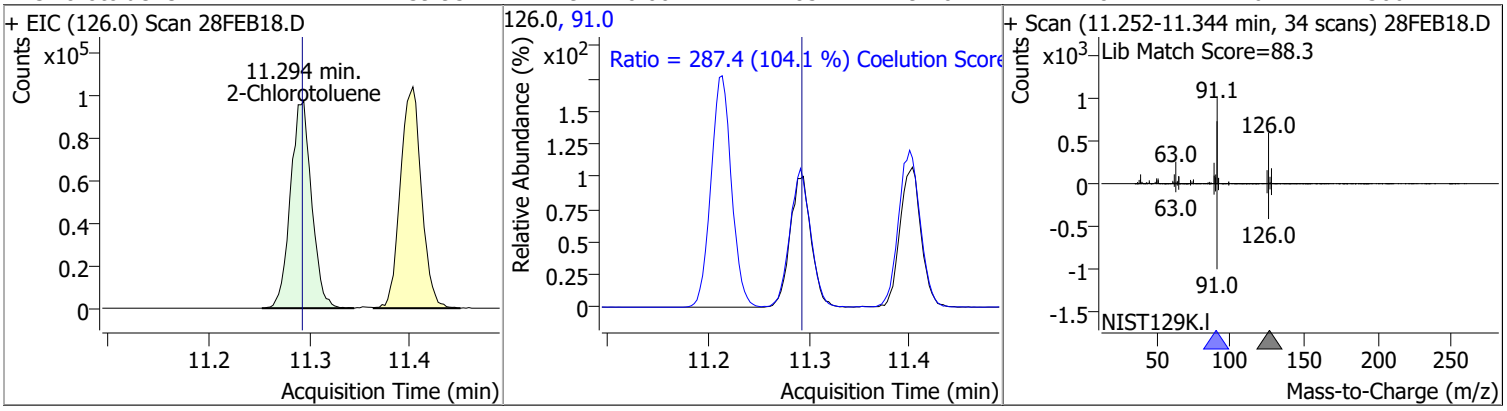
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	136.9036	11.11	0.00	79969	85.0	64.3	33.3	93.3



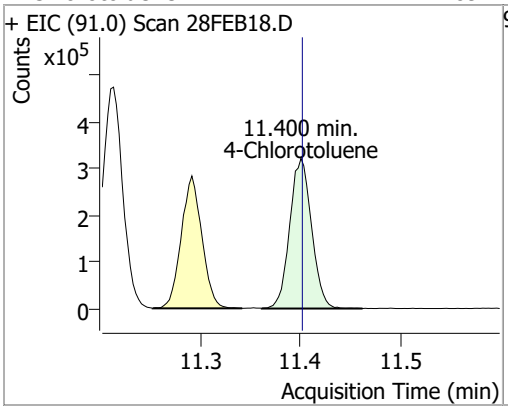
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	136.3326	11.15	0.00	20923	112.0	64.1	35.8	95.8

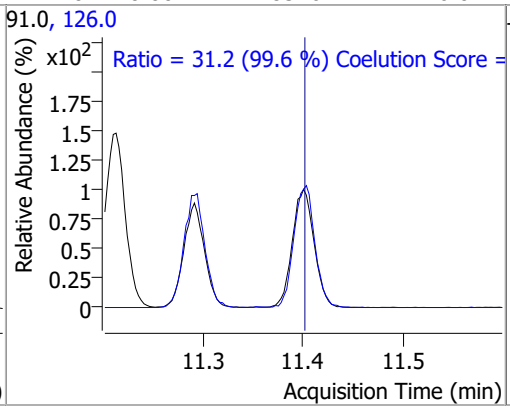


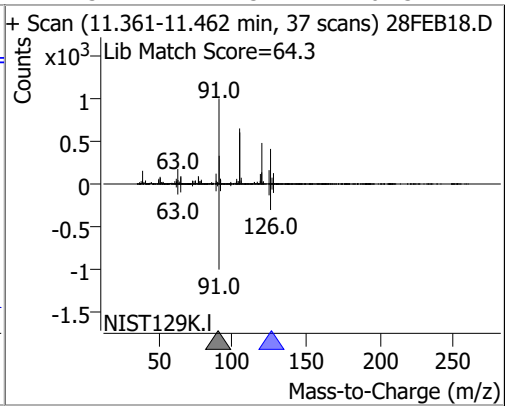
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	139.9547	11.29	0.00	141851	91.0	287.4	246.2	306.2



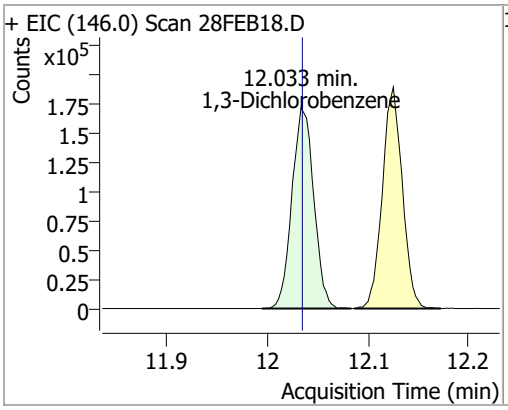
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	147.7892	11.40	0.00	485162	126.0	31.2	1.3	61.3

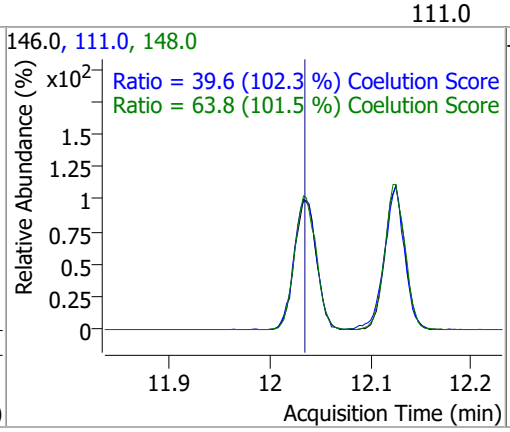


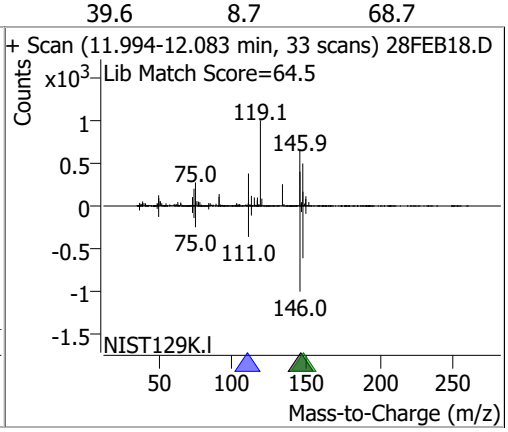




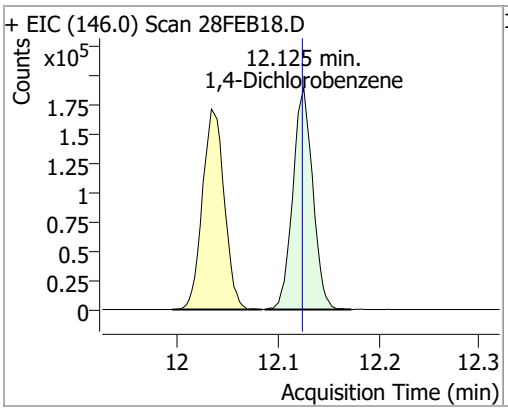
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	139.9236	12.03	0.00	259620	148.0	63.8	32.8	92.8
					111.0	39.6	8.7	68.7

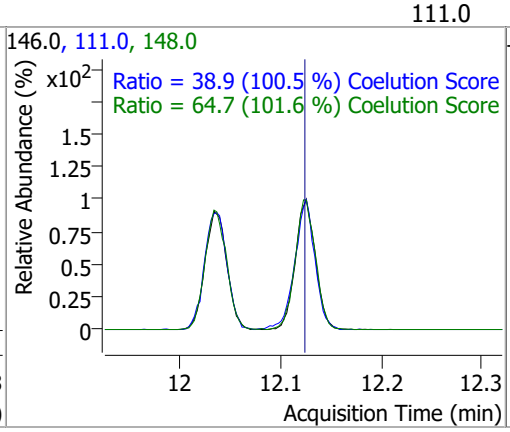


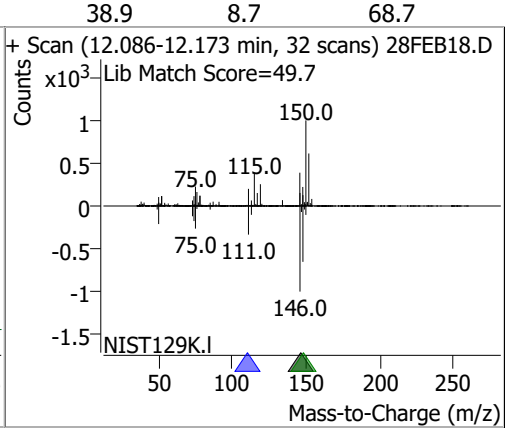




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	138.4255	12.13	0.00	261844	148.0	64.7	33.7	93.7
					111.0	38.9	8.7	68.7

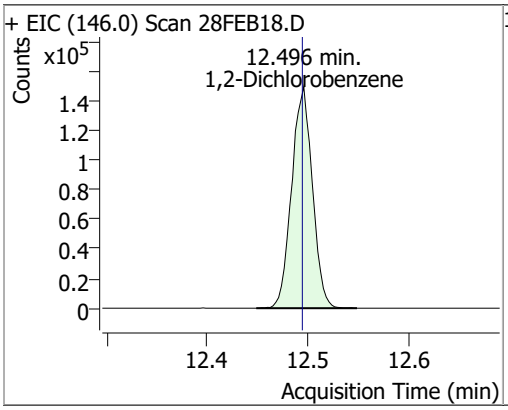


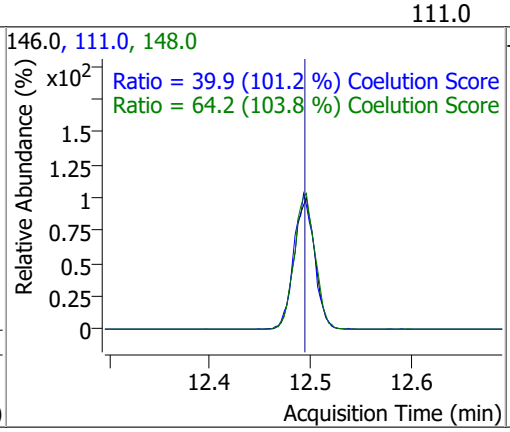


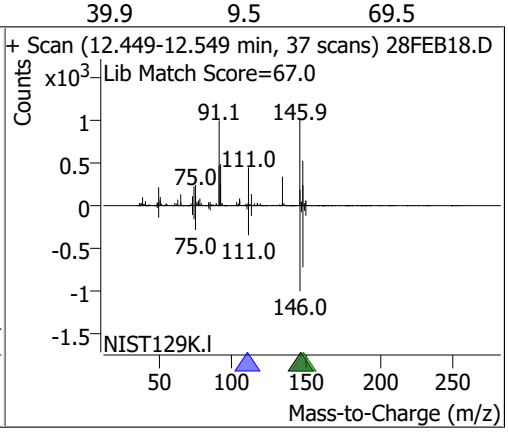


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	138.2045	12.50	0.00	214089	148.0	64.2	31.9	91.9
					111.0	39.9	9.5	69.5







Quantitation Results Report (QT Reviewed)

Data File	28FEB19.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	2/28/2022 6:35:55 PM
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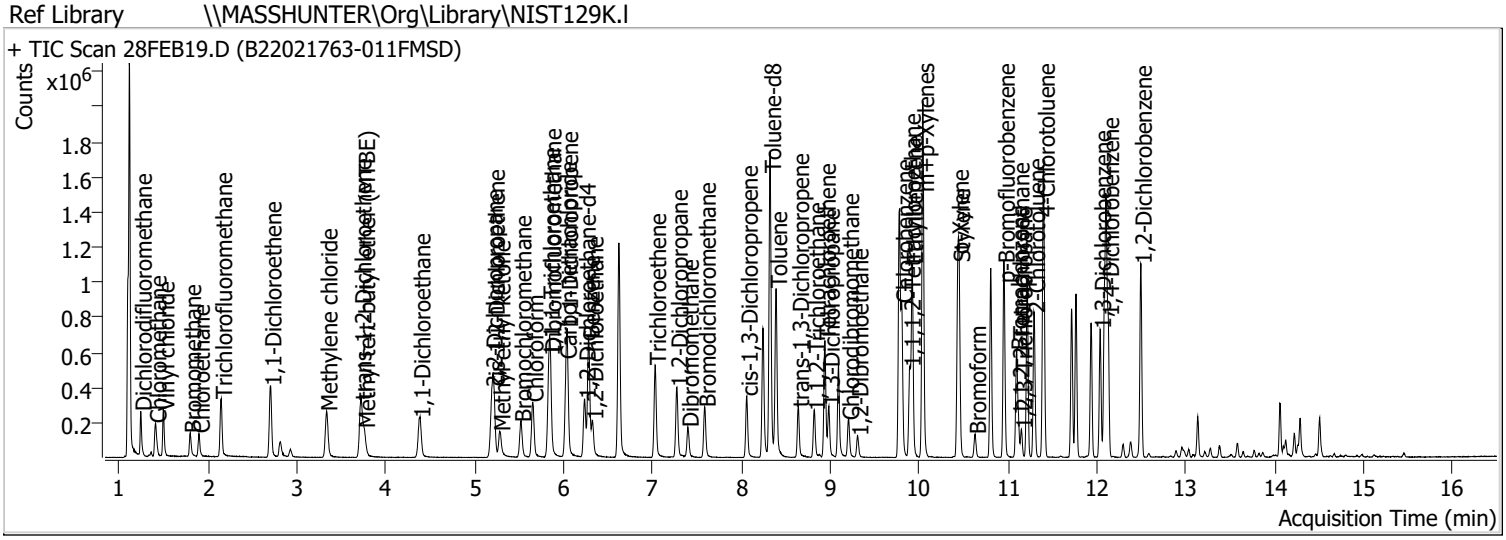
Vial	19	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

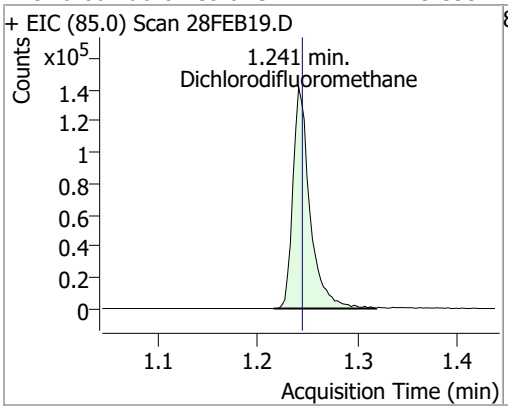


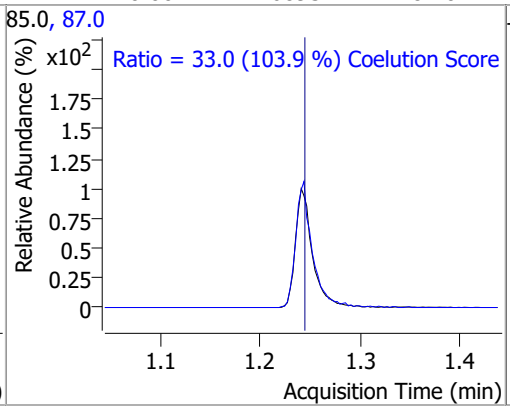
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.618	96.0	1052255	250.0000	ng	-0.003
M Chlorobenzene-d5	9.772	82.0	400305	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	325143	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.851	113.0	270559	265.4633	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.19%		
S 1,2-Dichloroethane-d4	6.236	67.0	122841	279.0157	ng	0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 111.61%		
S Toluene-d8	8.321	98.0	1080936	276.7826	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 110.71%		
S p-Bromofluorobenzene	10.951	95.0	322710	268.8122	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.52%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	168937	119.3994	ng	98
T Chloromethane	1.408	50.0	207174	124.3701	ng	99
T Vinyl chloride	1.498	62.0	194887	128.5315	ng	99
T Bromomethane	1.799	96.0	64995	100.1503	ng	94
T Chloroethane	1.896	64.0	86309	120.3139	ng	99
T Trichlorofluoromethane	2.147	101.0	235452	129.4970	ng	99
T 1,1-Dichloroethene	2.702	96.0	148418	140.2882	ng	96
T Methylene chloride	3.333	49.0	195972	127.4057	ng	98
T trans-1,2-Dichloroethene	3.715	96.0	147879	135.3065	ng	99
T Methyl tert-butyl ether (MTBE)	3.754	73.0	166166	121.6432	ng	99
T 1,1-Dichloroethane	4.378	63.0	282382	138.0550	ng	98
T 2,2-Dichloropropane	5.193	77.0	212438	137.8160	ng	97
T cis-1,2-Dichloroethene	5.215	96.0	150943	136.4032	ng	99
T Methyl ethyl ketone	5.279	43.0	202951	1269.0734	ng	100
T Bromochloromethane	5.513	128.0	58161	127.4736	ng	97
T Chloroform	5.650	83.0	258162	126.4068	ng	97

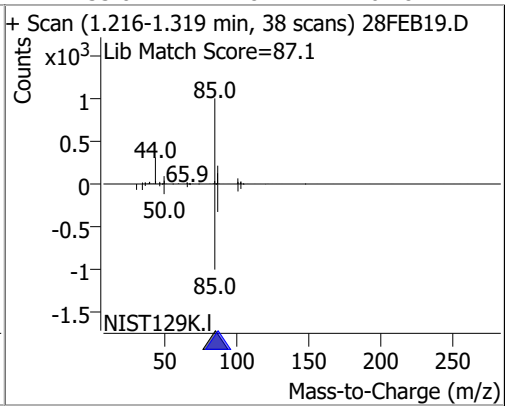
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	257069	136.4228	ng	100
T Carbon tetrachloride	6.024	117.0	254594	139.3071	ng	99
T 1,1-Dichloropropene	6.038	75.0	206500	135.1405	ng	98
T Benzene	6.280	78.0	574905	136.7655	ng	99
T 1,2-Dichloroethane	6.322	62.0	142698	122.9049	ng	99
T Trichloroethene	7.028	95.0	167828	140.0417	ng	95
T 1,2-Dichloropropane	7.273	63.0	142096	134.8587	ng	99
T Dibromomethane	7.396	93.0	57979	130.5468	ng	98
T Bromodichloromethane	7.585	83.0	171545	137.3609	ng	98
T cis-1,3-Dichloropropene	8.059	75.0	175154	127.8108	ng	97
T Toluene	8.388	92.0	363090	139.4805	ng	98
T trans-1,3-Dichloropropene	8.637	75.0	140273	140.3268	ng	97
T 1,1,2-Trichloroethane	8.815	83.0	69093	135.9324	ng	97
T Tetrachloroethene	8.938	163.8	143554	135.9935	ng	98
T 1,3-Dichloropropane	8.982	76.0	136524	132.7285	ng	99
T Chlorodibromomethane	9.200	129.0	108832	132.9476	ng	99
T 1,2-Dibromoethane	9.303	107.0	76347	135.9977	ng	98
T Chlorobenzene	9.802	112.0	393240	137.8006	ng	99
T 1,1,1,2-Tetrachloroethane	9.891	131.0	132952	132.7848	ng	99
T Ethylbenzene	9.919	91.0	679657	136.1890	ng	100
T m+p-Xylenes	10.042	106.0	522485	263.2333	ng	97
T o-Xylene	10.432	106.0	231519	133.2231	ng	97
T Styrene	10.449	104.0	388878	135.2929	ng	100
T Bromoform	10.628	172.5	57596	132.1959	ng	98
T Bromobenzene	11.096	156.0	147974	139.7719	ng	98
T 1,1,2,2-Tetrachloroethane	11.116	83.0	83212	137.7999	ng	100
T 1,2,3-Trichloropropane	11.149	110.0	20469	129.0156	ng	96
T 2-Chlorotoluene	11.291	126.0	148266	141.5032	ng	93
T 4-Chlorotoluene	11.400	91.0	499761	147.2611	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	269593	140.5501	ng	98
T 1,4-Dichlorobenzene	12.125	146.0	264282	135.1483	ng	97
T 1,2-Dichlorobenzene	12.493	146.0	224406	140.1303	ng	99

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

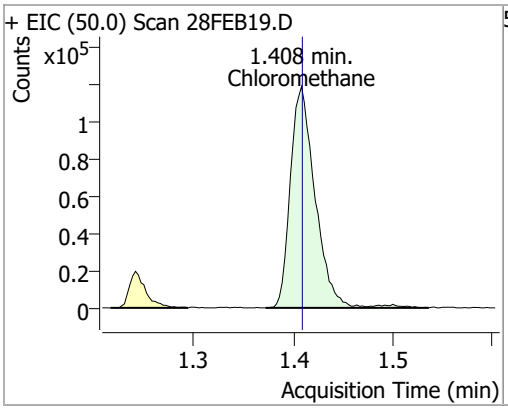
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	119.3994	1.24	0.00	168937	87.0	33.0	1.8	61.8

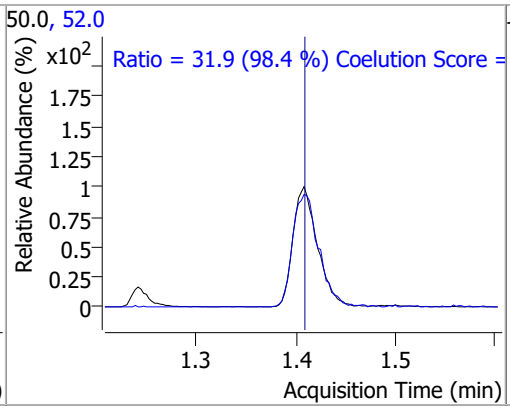


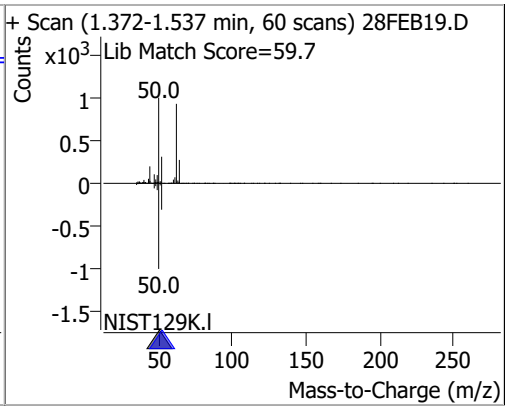




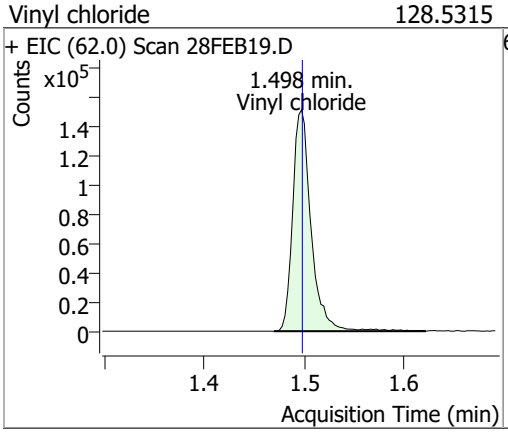
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	124.3701	1.41	0.00	207174	52.0	31.9	2.4	62.4

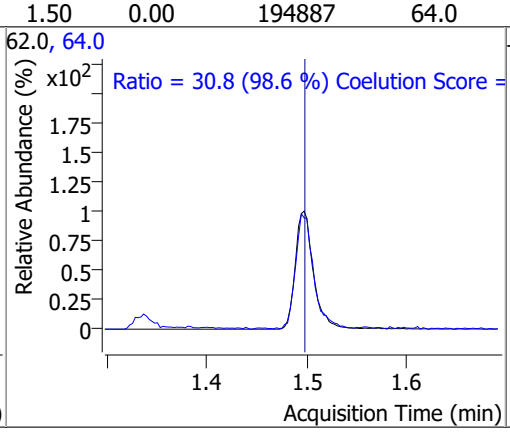


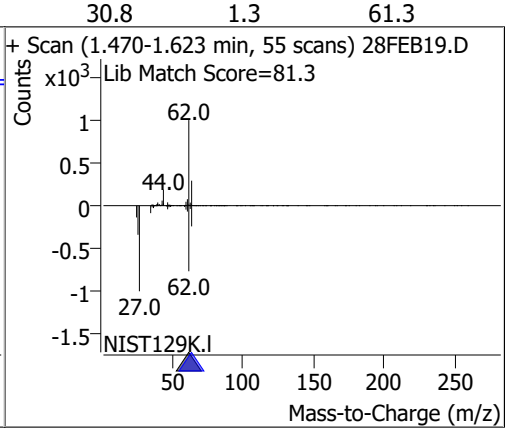




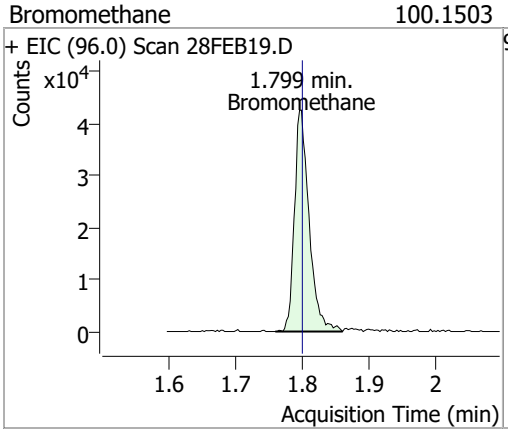
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	128.5315	1.50	0.00	194887	64.0	30.8	1.3	61.3

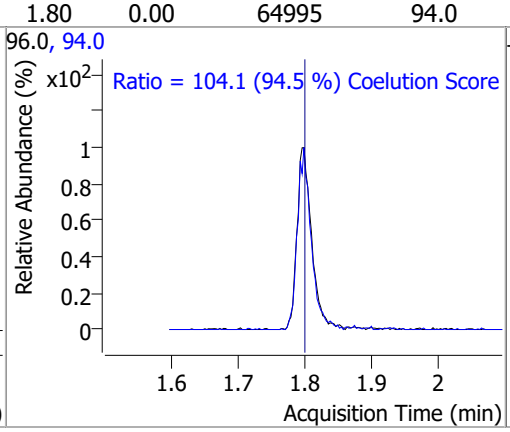


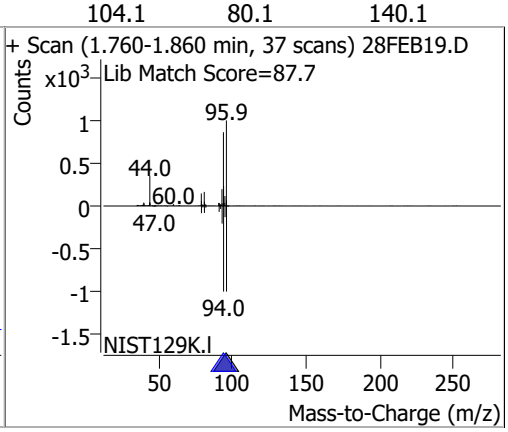




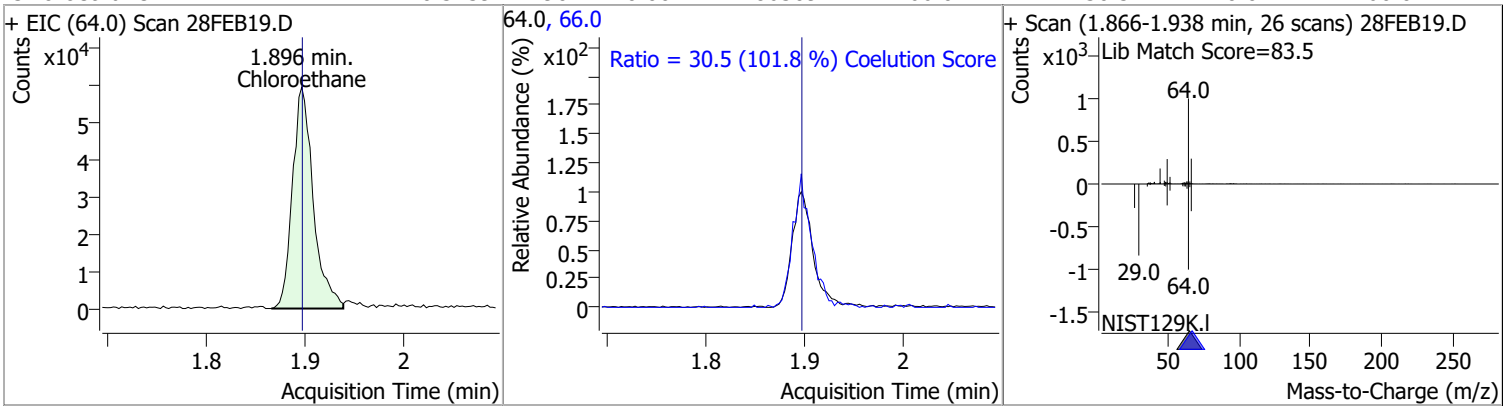
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	100.1503	1.80	0.00	64995	94.0	104.1	80.1	140.1



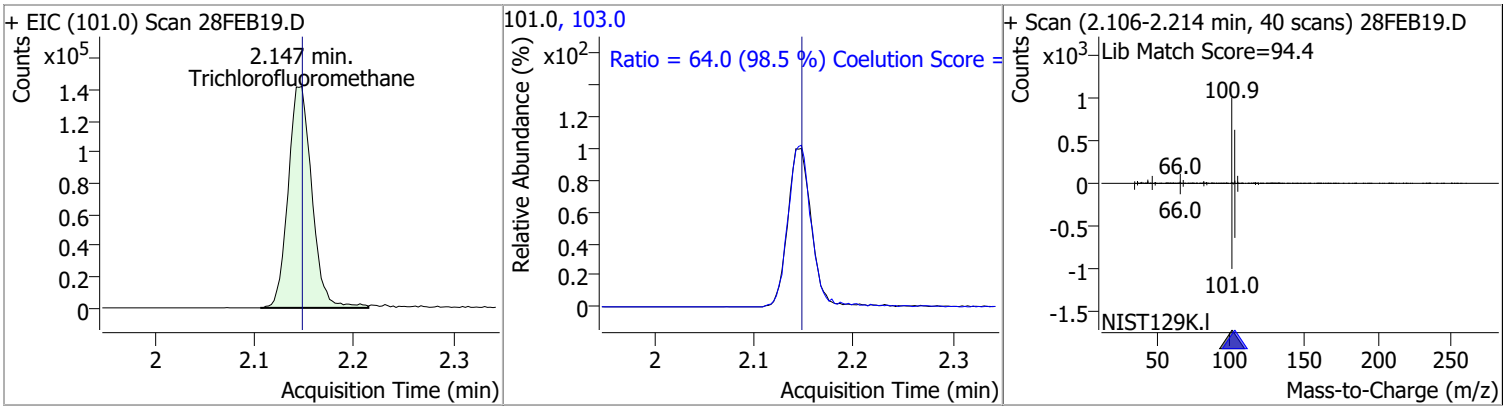




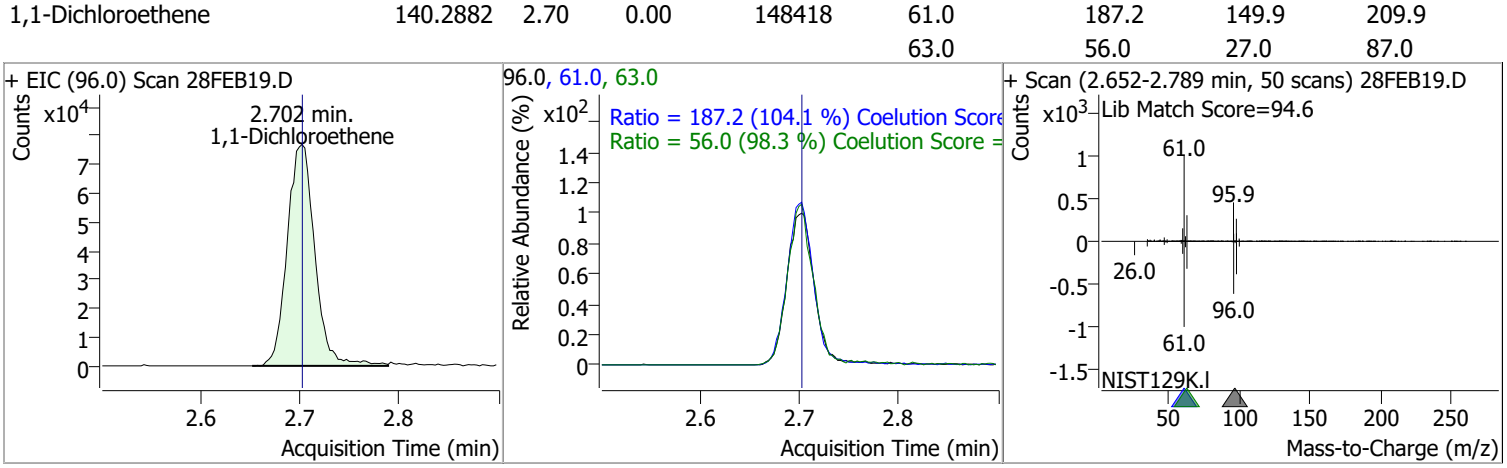
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	120.3139	1.90	0.00	86309	66.0	30.5	0.0	60.0



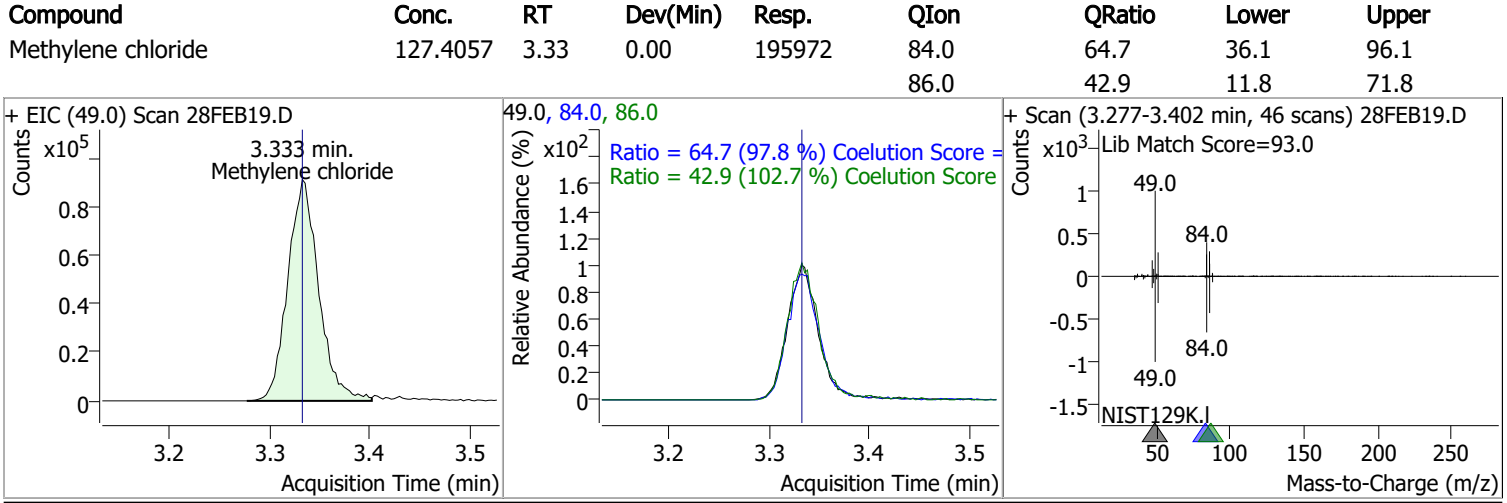
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	129.4970	2.15	0.00	235452	103.0	64.0	35.0	95.0



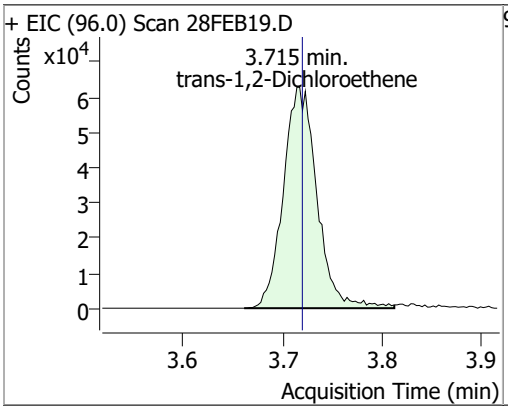
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	140.2882	2.70	0.00	148418	61.0	187.2	149.9	209.9
					63.0	56.0	27.0	87.0

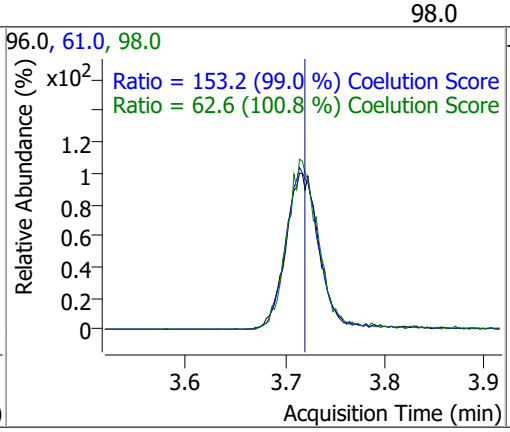


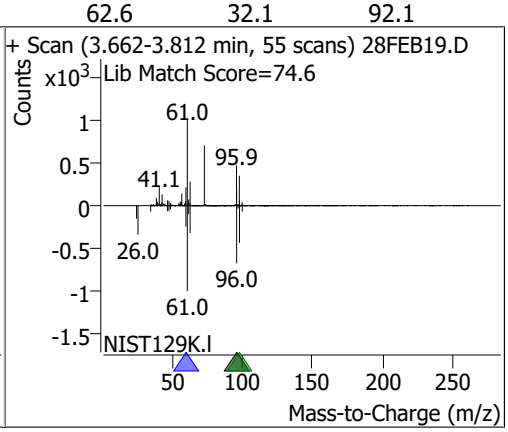
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	127.4057	3.33	0.00	195972	84.0	64.7	36.1	96.1
					86.0	42.9	11.8	71.8



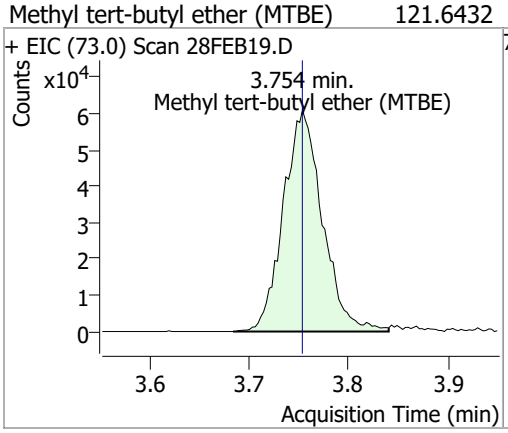
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	135.3065	3.71	-0.01	147879	61.0	153.2	124.8	184.8
					98.0	62.6	32.1	92.1

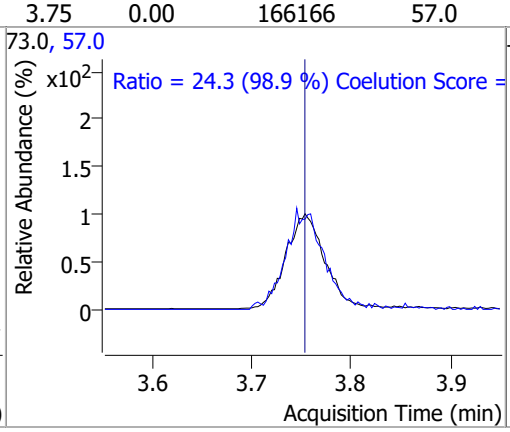


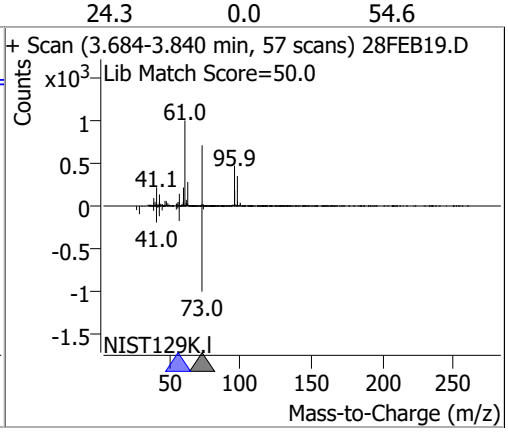




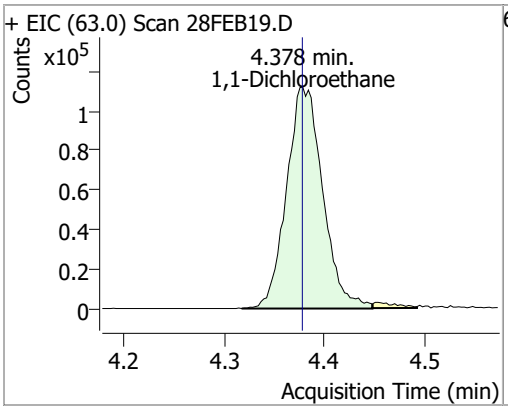
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	121.6432	3.75	0.00	166166	57.0	24.3	0.0	54.6

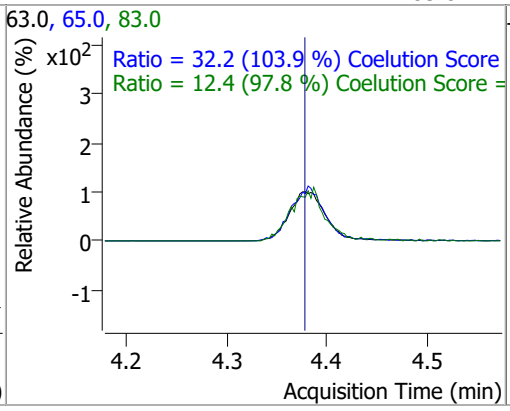


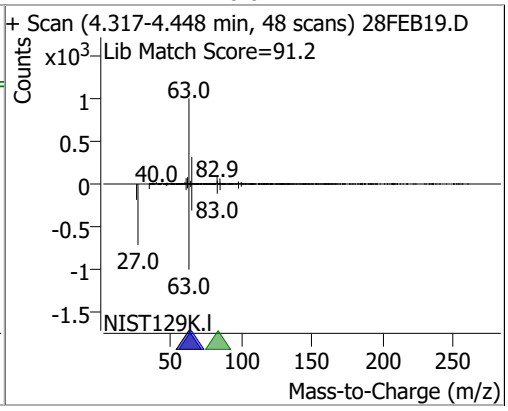




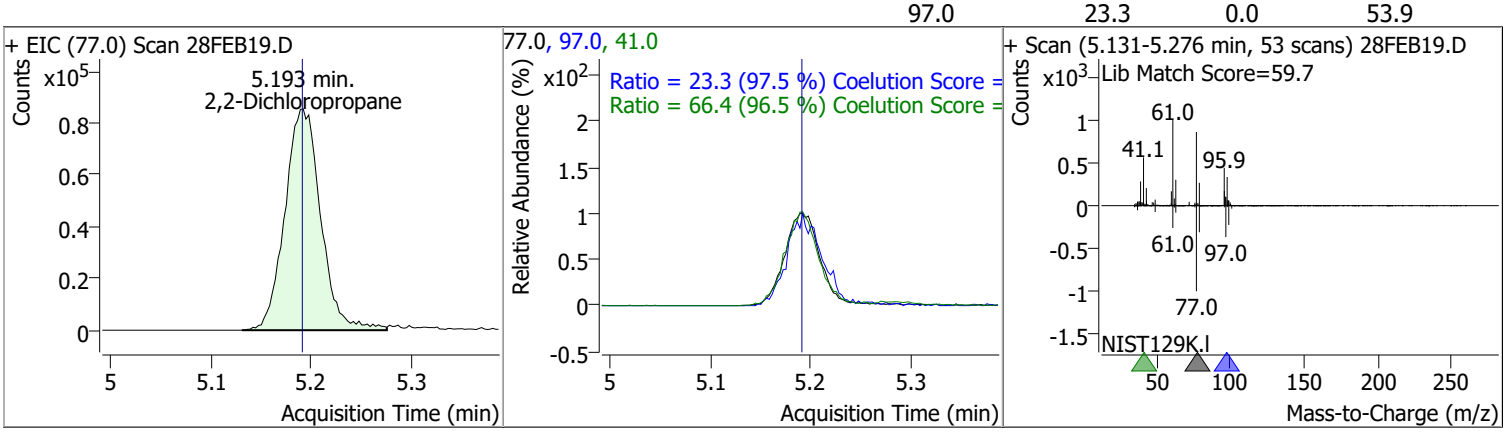
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	138.0550	4.38	0.00	282382	65.0	32.2	1.0	61.0
					83.0	12.4	0.0	42.7



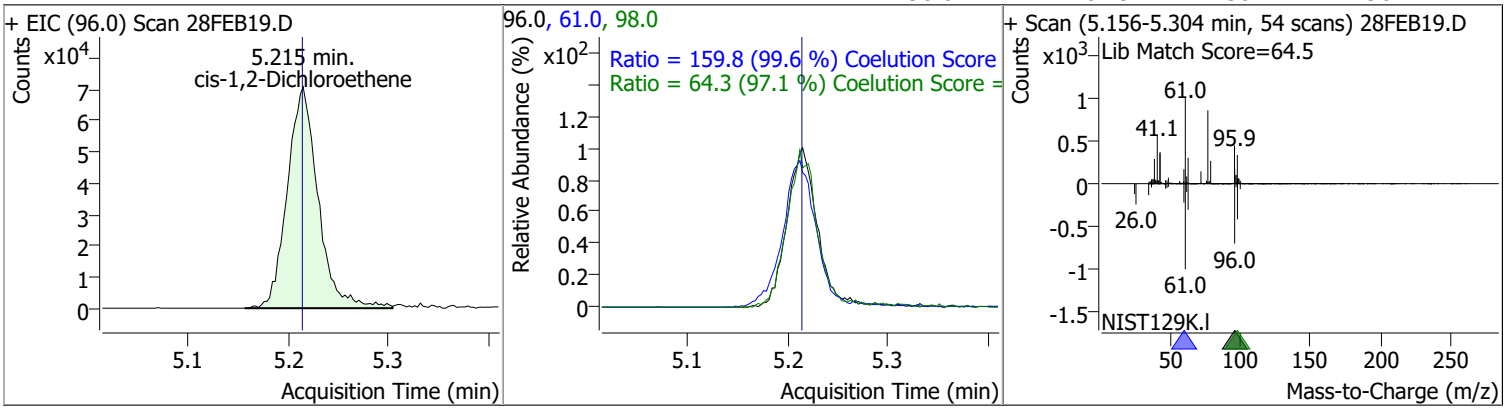




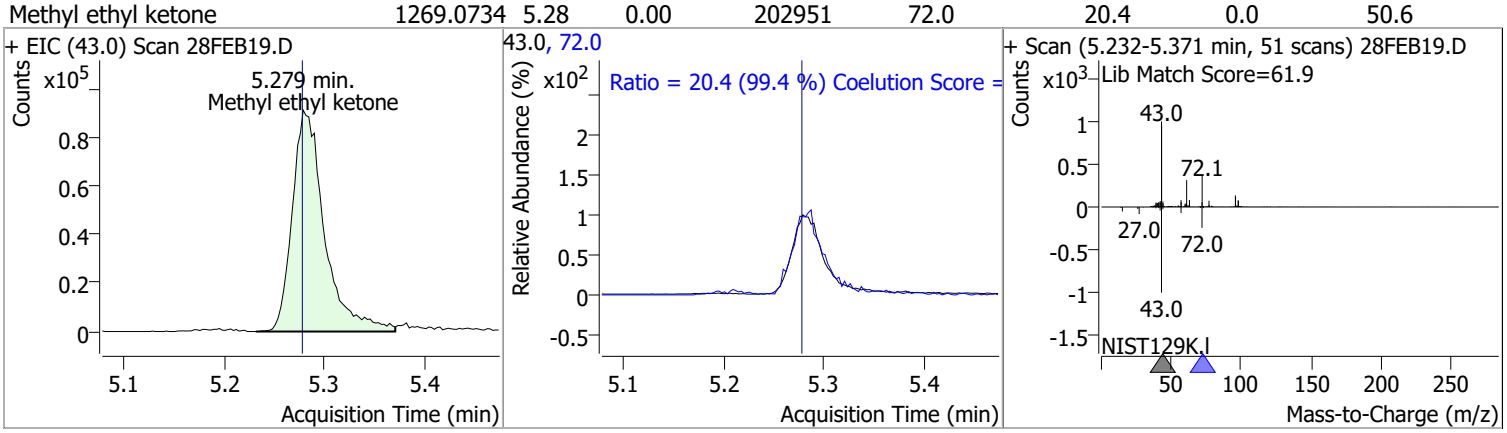
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	137.8160	5.19	0.00	212438	41.0	66.4	38.8	98.8
					97.0	23.3	0.0	53.9



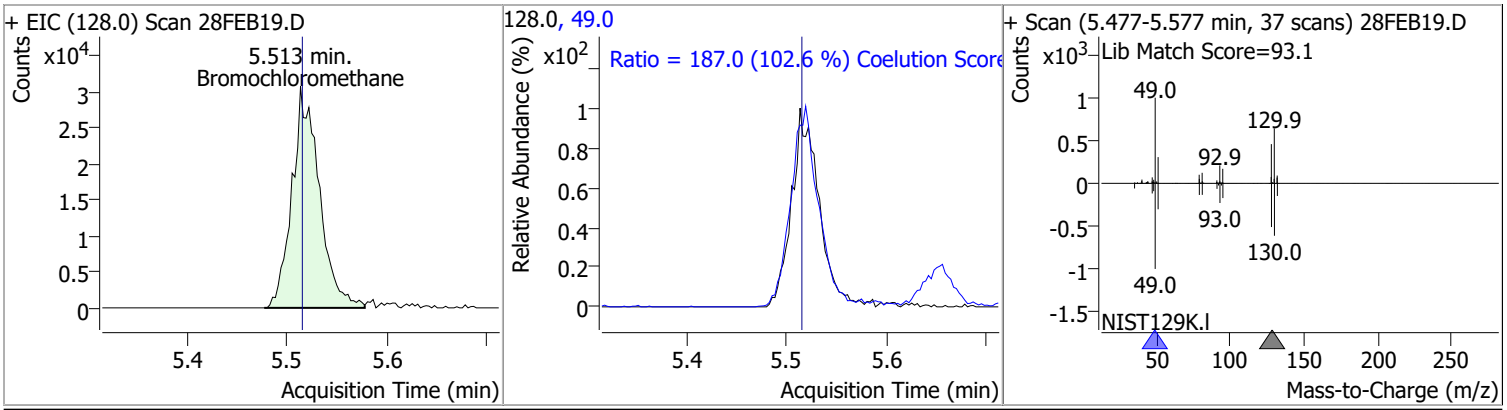
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	136.4032	5.21	0.00	150943	61.0	159.8	130.4	190.4
					98.0	64.3	36.2	96.2



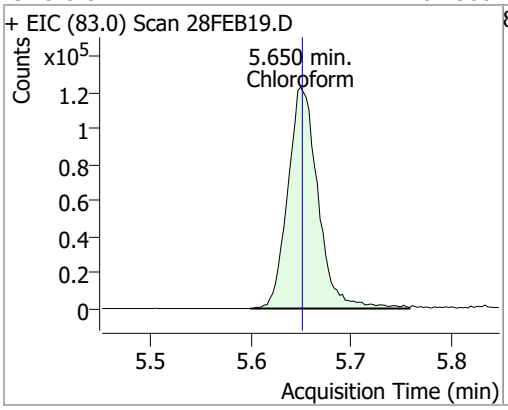
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1269.0734	5.28	0.00	202951	72.0	20.4	0.0	50.6

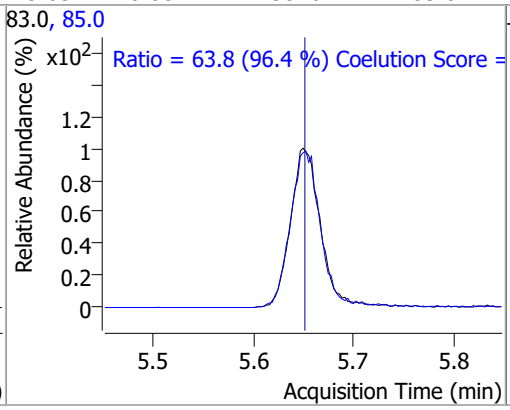


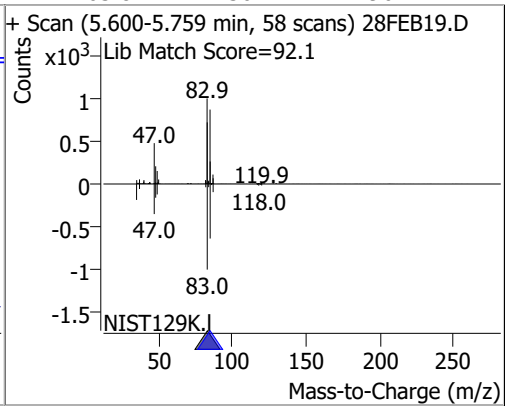
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	127.4736	5.51	0.00	58161	49.0	187.0	152.2	212.2



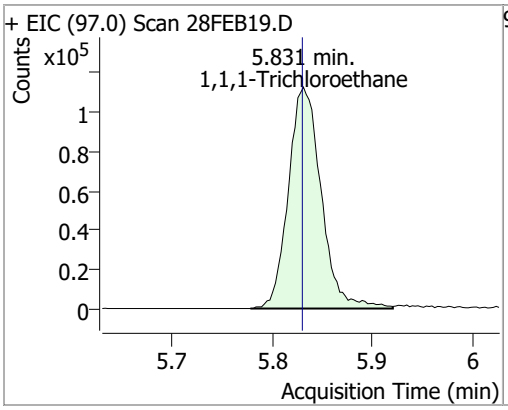
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	126.4068	5.65	0.00	258162	85.0	63.8	36.2	96.2

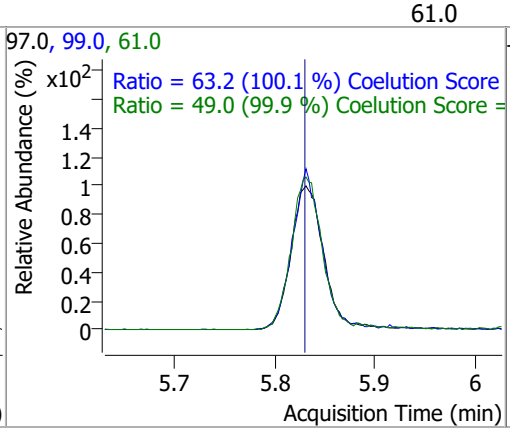


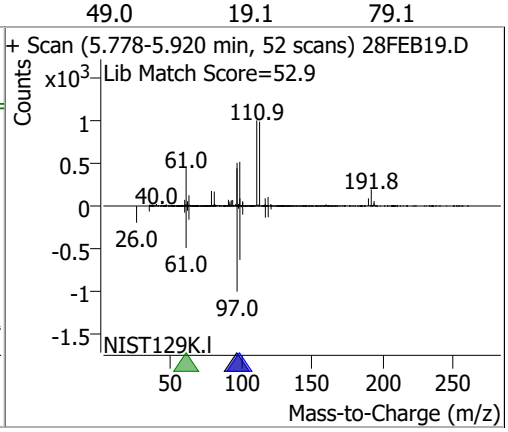




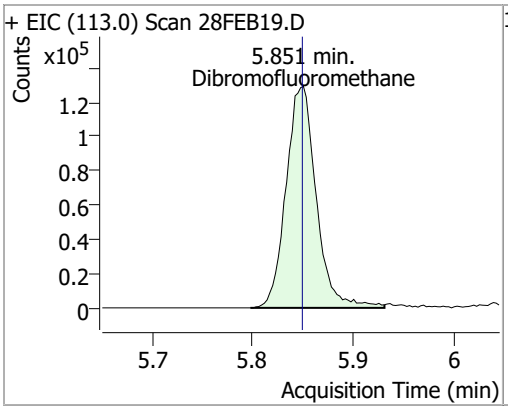
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	136.4228	5.83	0.00	257069	99.0	63.2	33.1	93.1
					61.0	49.0	19.1	79.1

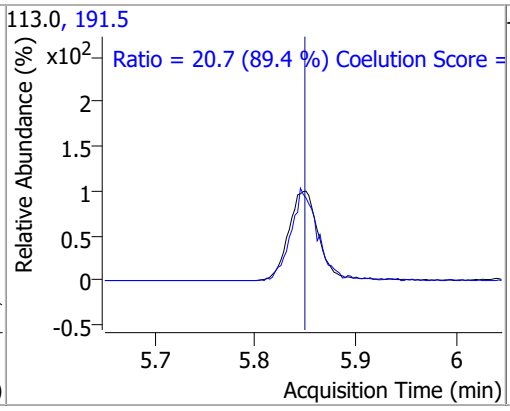


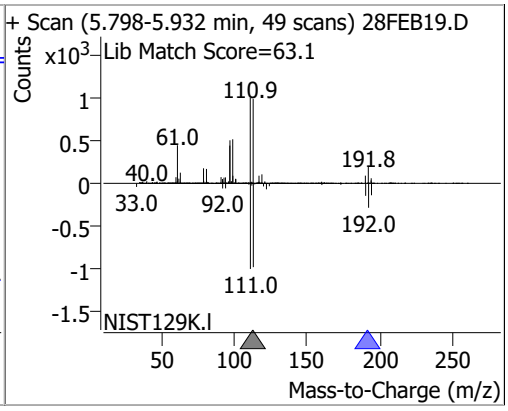




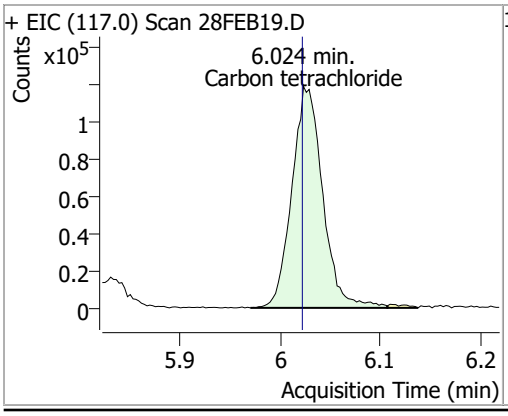
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	265.4633	5.85	0.00	270559	191.5	20.7	0.0	53.2

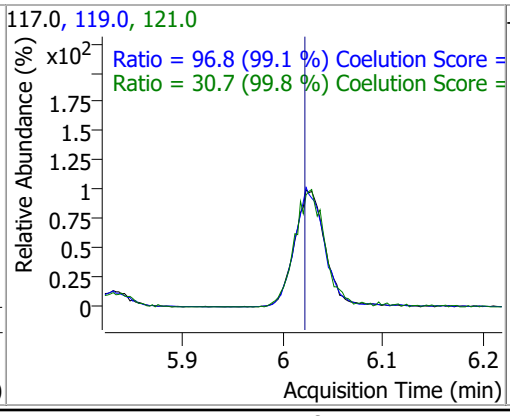


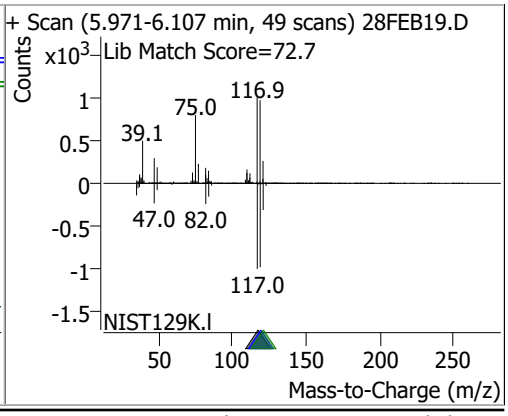




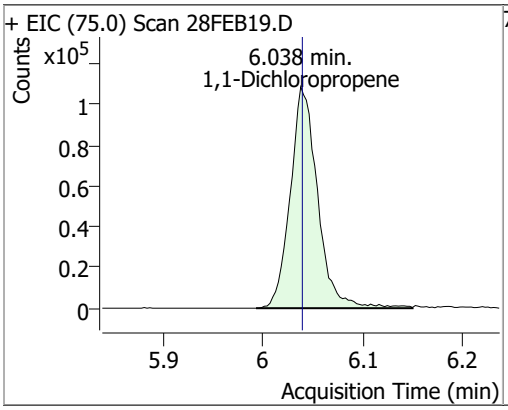
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	139.3071	6.02	0.00	254594	119.0	96.8	67.6	127.6
					121.0	30.7	0.7	60.7

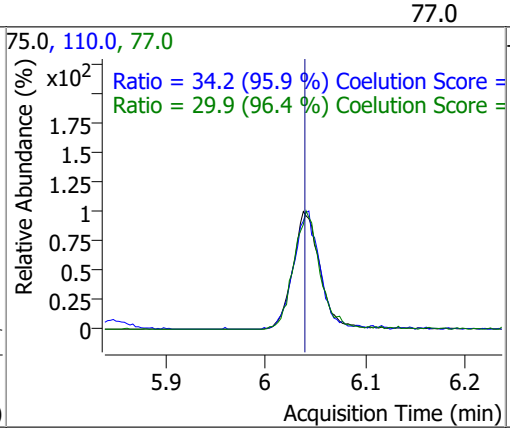


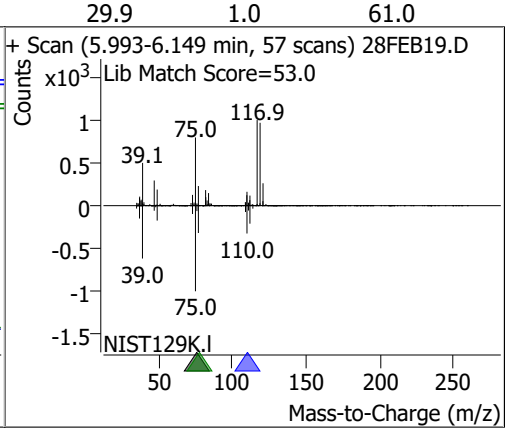




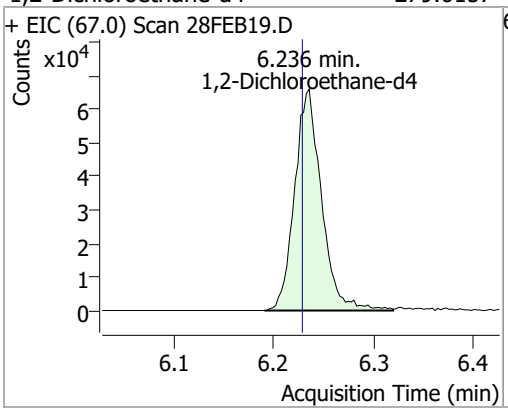
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	135.1405	6.04	0.00	206500	110.0	34.2	5.6	65.6
					77.0	29.9	1.0	61.0

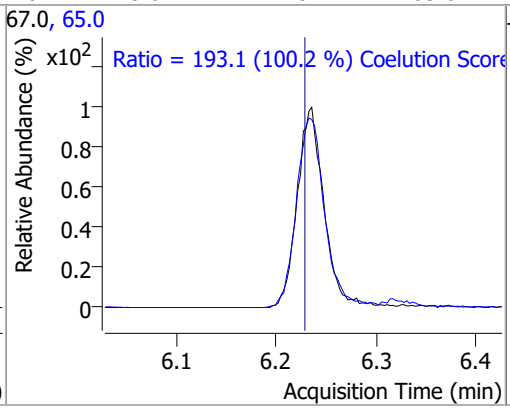


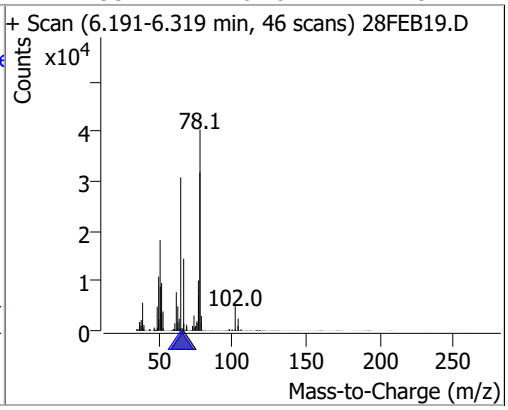




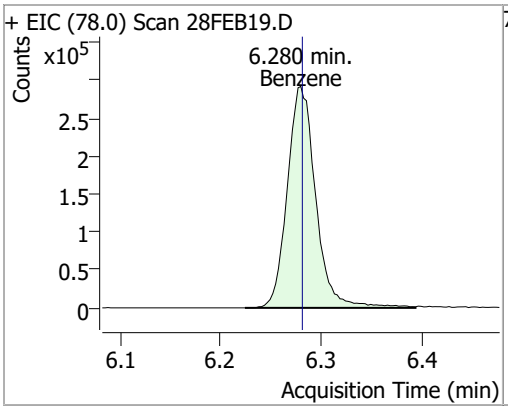
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	279.0157	6.24	0.01	122841	65.0	193.1	162.8	222.8

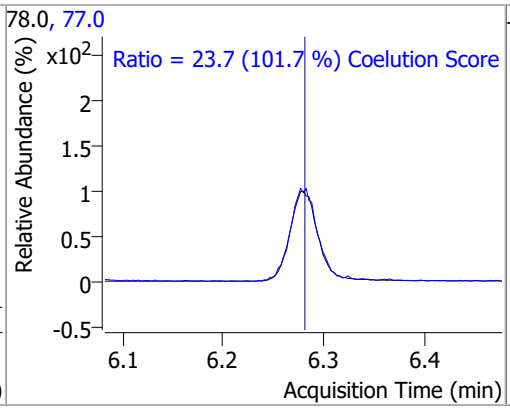


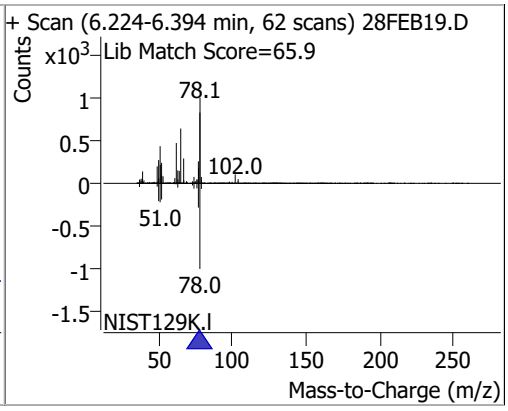




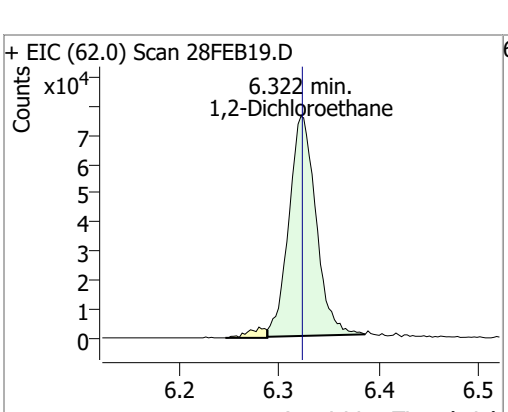
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	136.7655	6.28	0.00	574905	77.0	23.7	0.0	53.3

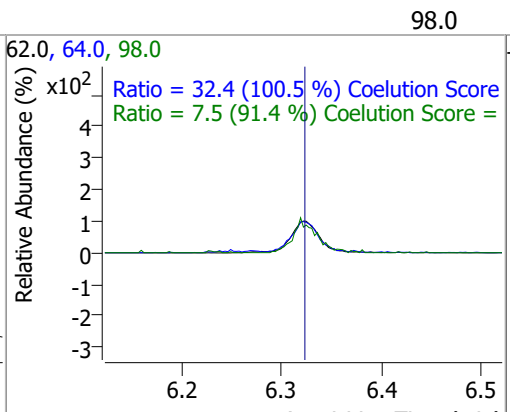


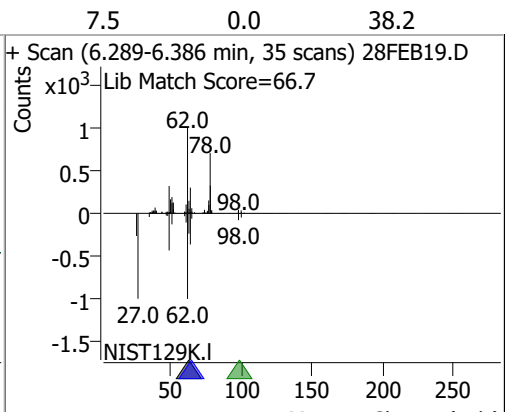




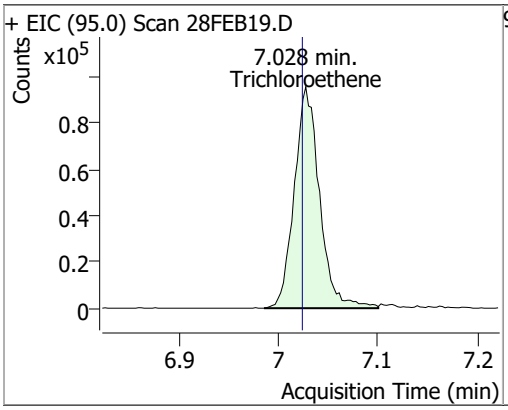
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	122.9049	6.32	0.00	142698	64.0	32.4	2.2	62.2
					98.0	7.5	0.0	38.2

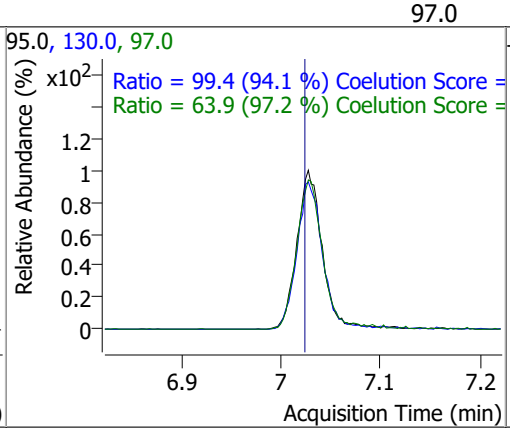


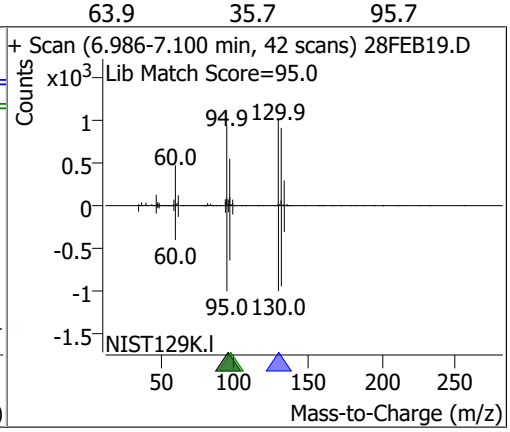




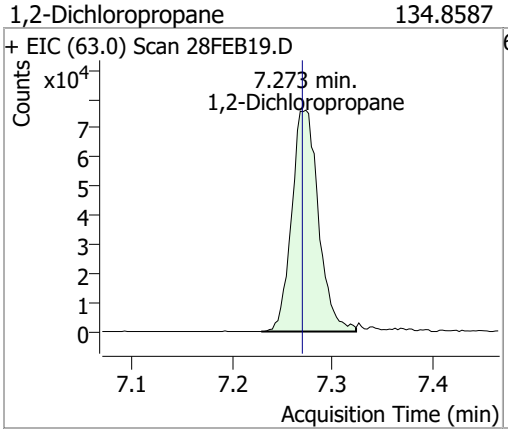
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	140.0417	7.03	0.00	167828	130.0	99.4	75.6	135.6
					97.0	63.9	35.7	95.7

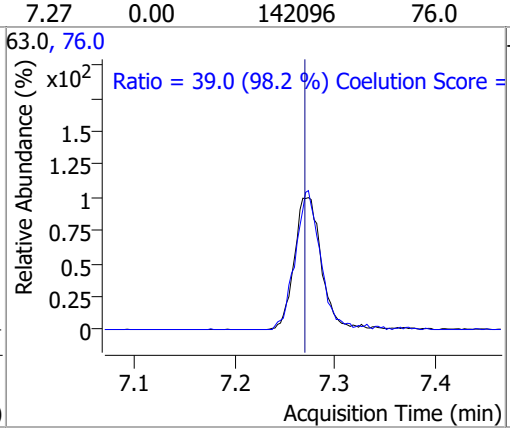


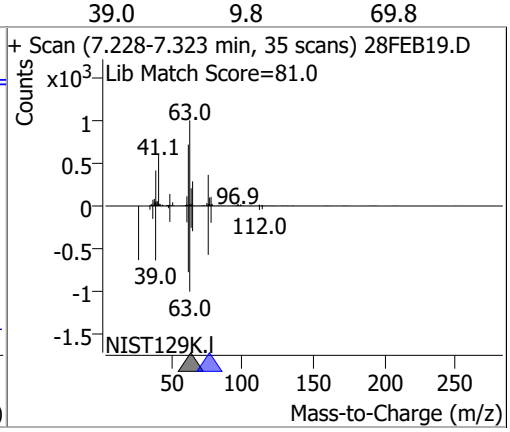




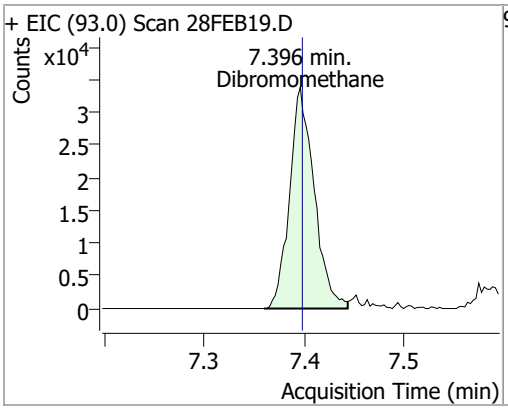
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	134.8587	7.27	0.00	142096	76.0	39.0	9.8	69.8

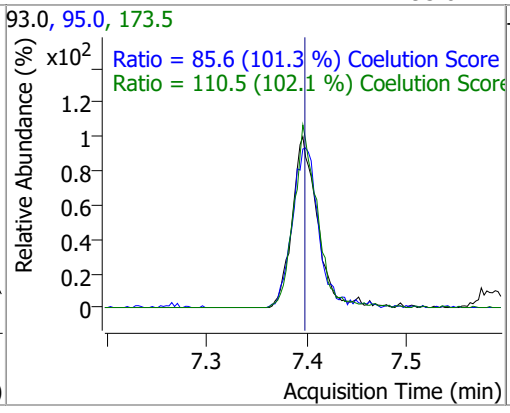


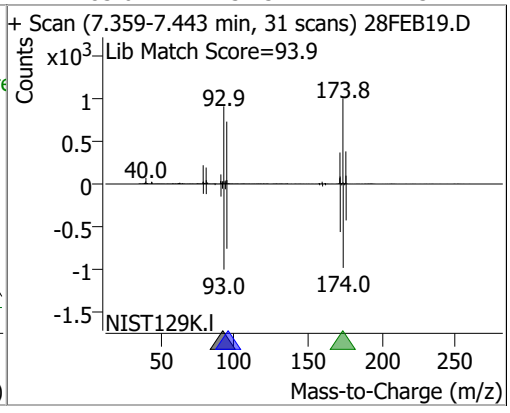




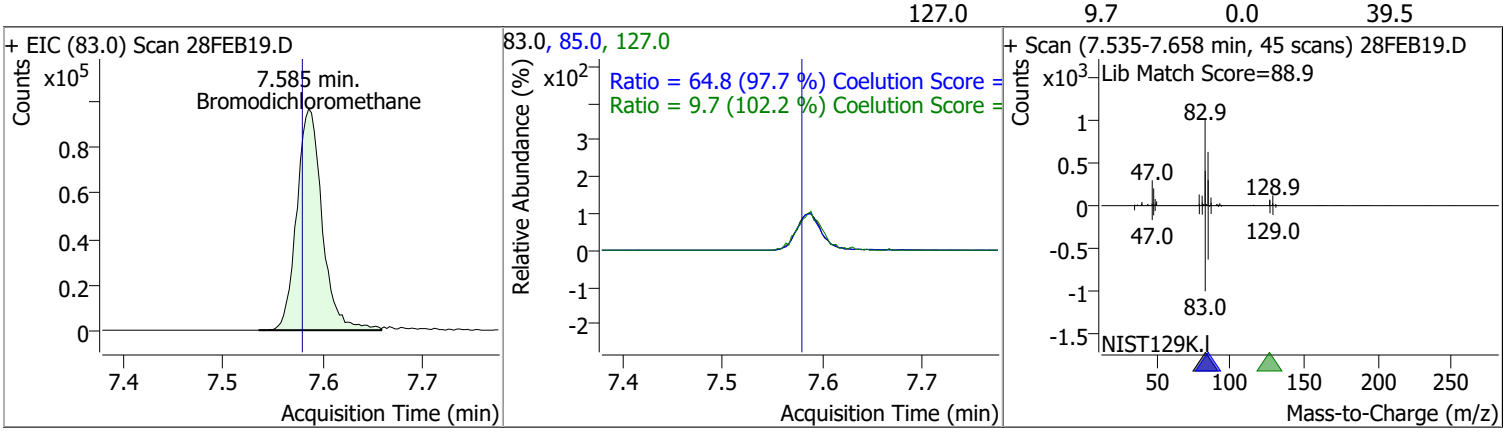
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	130.5468	7.40	0.00	57979	173.5	110.5	78.2	138.2
					95.0	85.6	54.5	114.5



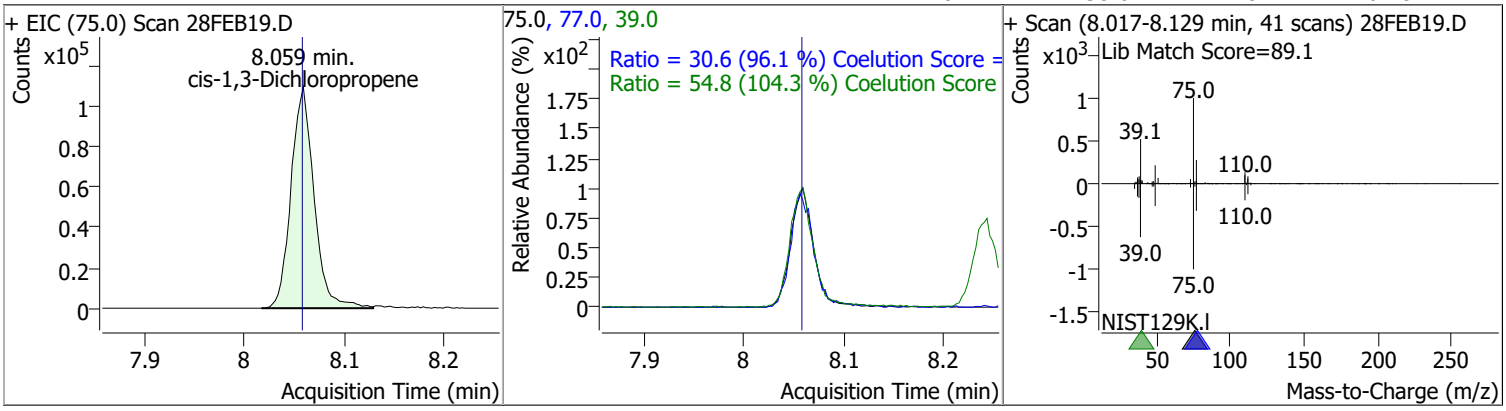




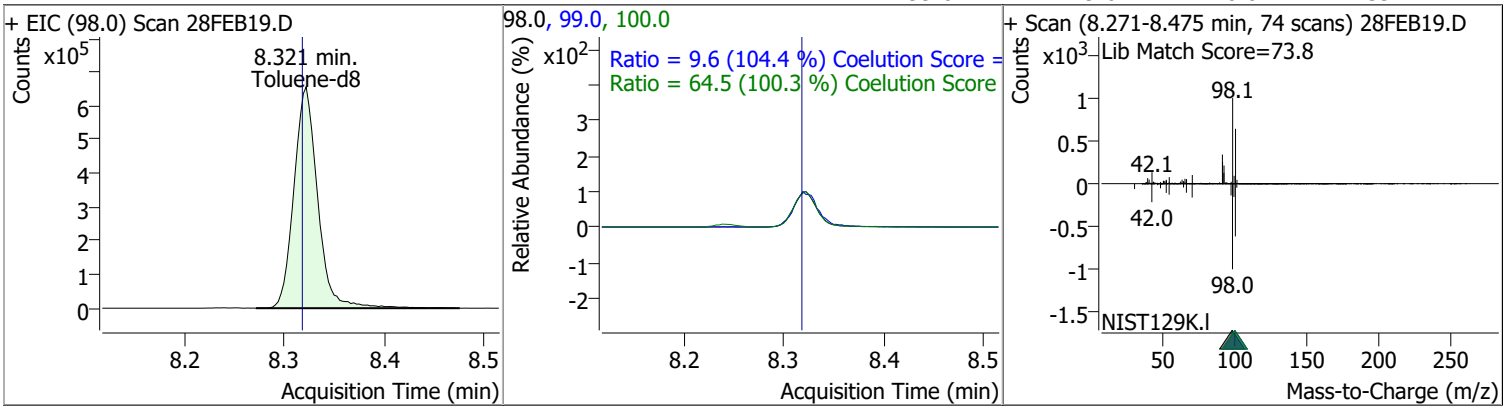
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	137.3609	7.59	0.01	171545	85.0	64.8	36.3	96.3
					127.0	9.7	0.0	39.5



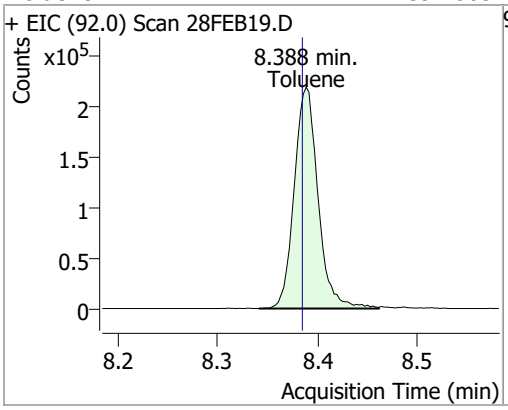
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	127.8108	8.06	0.00	175154	39.0	54.8	22.5	82.5
					77.0	30.6	1.8	61.8

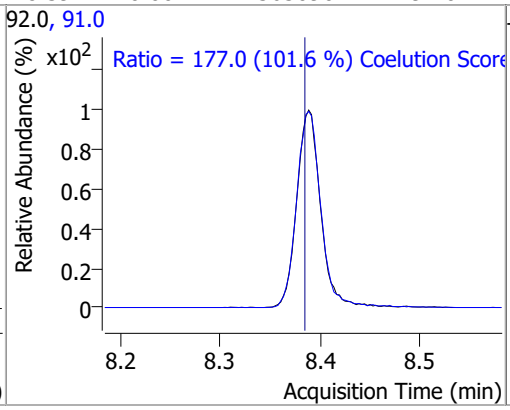


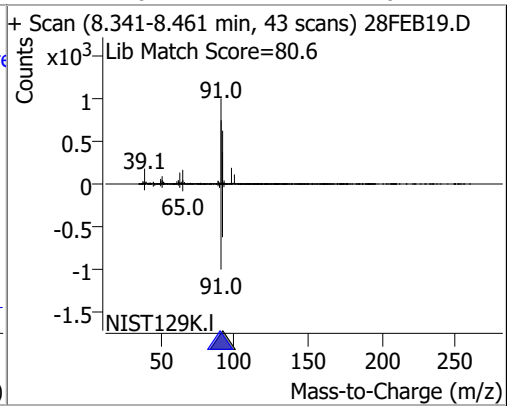
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	276.7826	8.32	0.00	1080936	100.0	64.5	34.3	94.3
					99.0	9.6	0.0	39.2



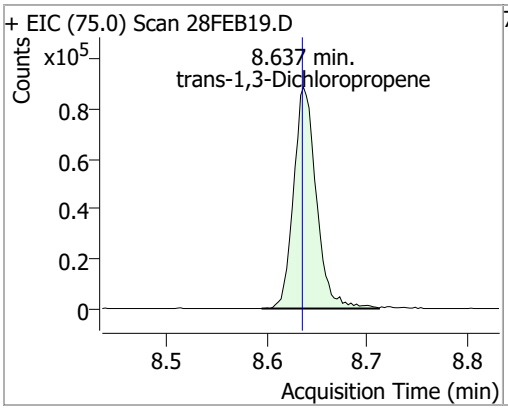
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	139.4805	8.39	0.00	363090	91.0	177.0	144.1	204.1

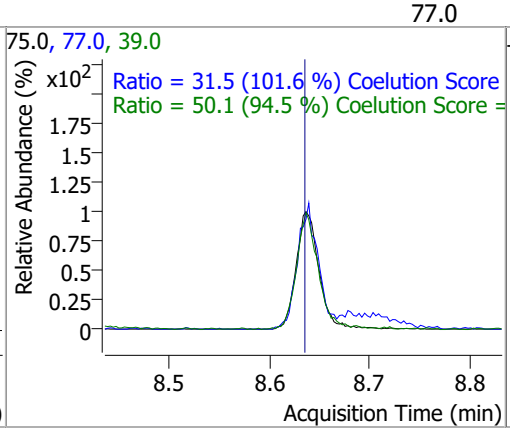


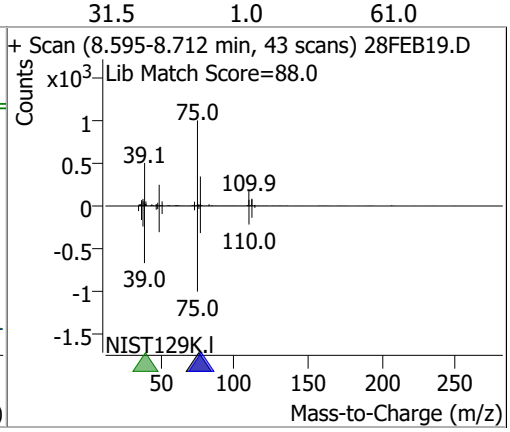




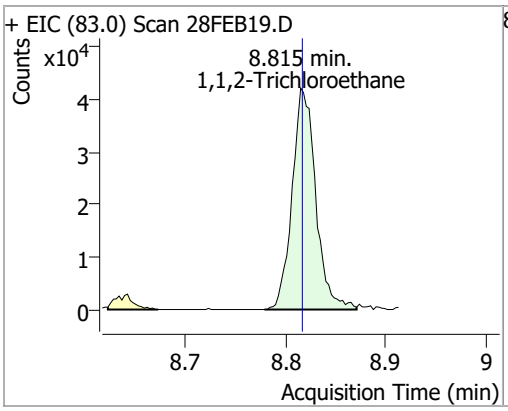
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	140.3268	8.64	0.00	140273	39.0	50.1	23.0	83.0
					77.0	31.5	1.0	61.0

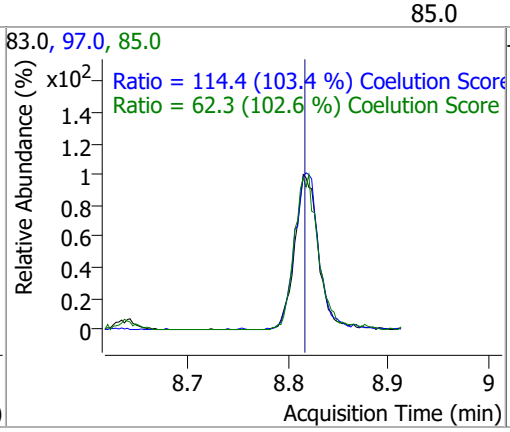


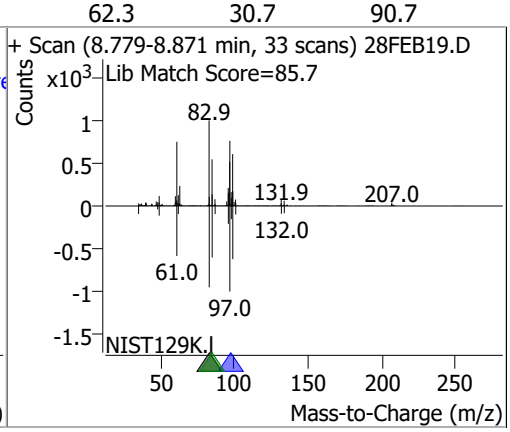




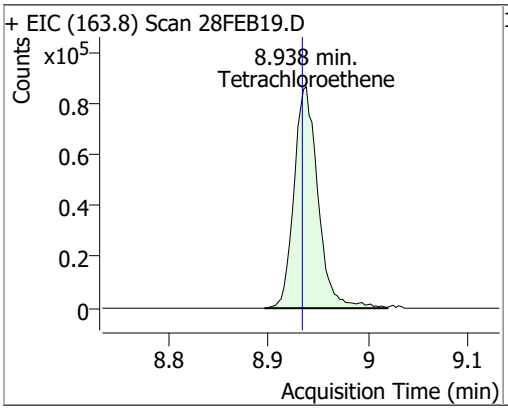
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	135.9324	8.82	0.00	69093	97.0	114.4	80.7	140.7
					85.0	62.3	30.7	90.7

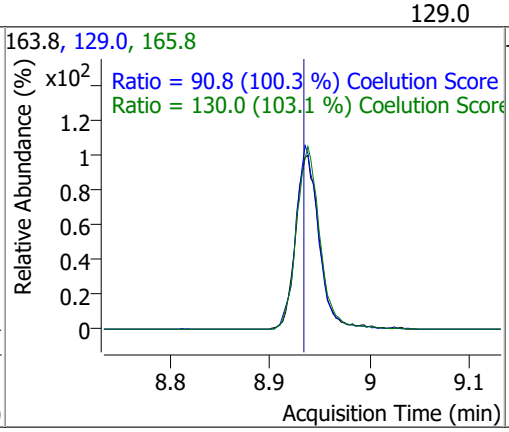


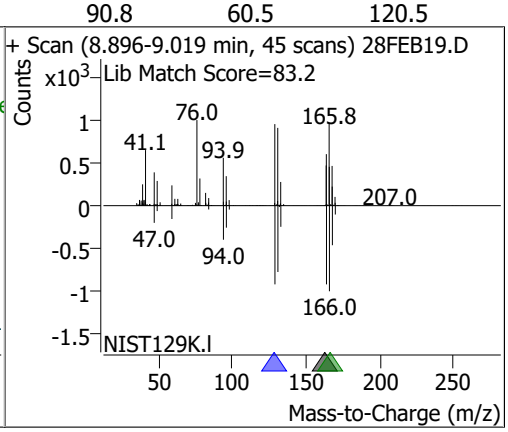




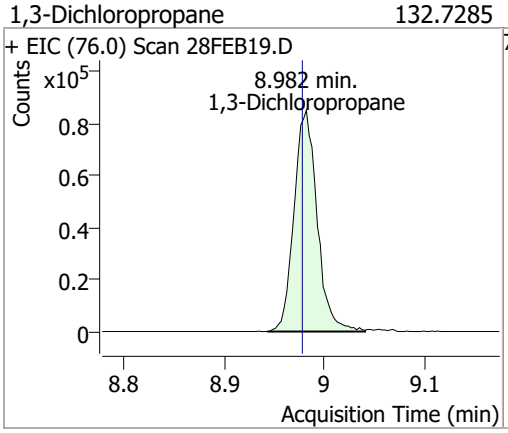
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	135.9935	8.94	0.00	143554	165.8	130.0	96.1	156.1
					129.0	90.8	60.5	120.5

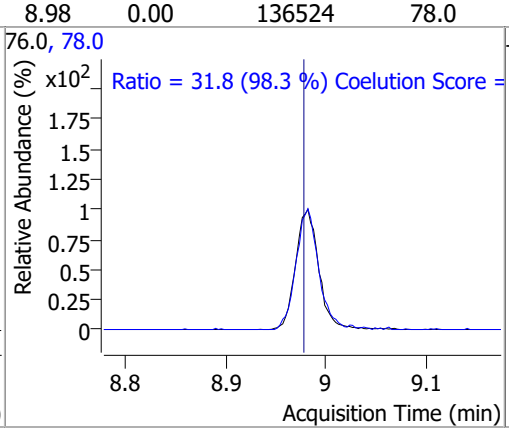


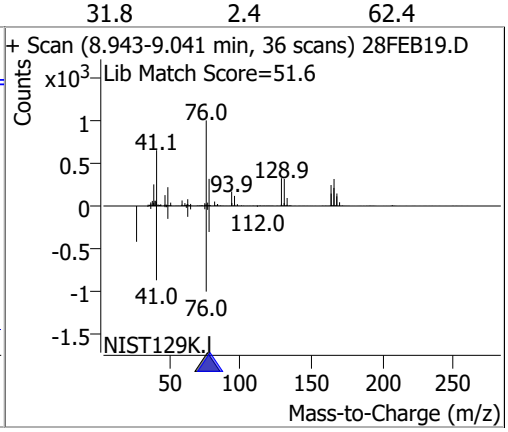




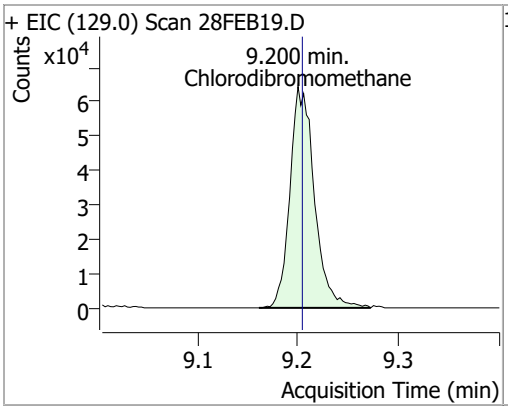
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	132.7285	8.98	0.00	136524	78.0	31.8	2.4	62.4

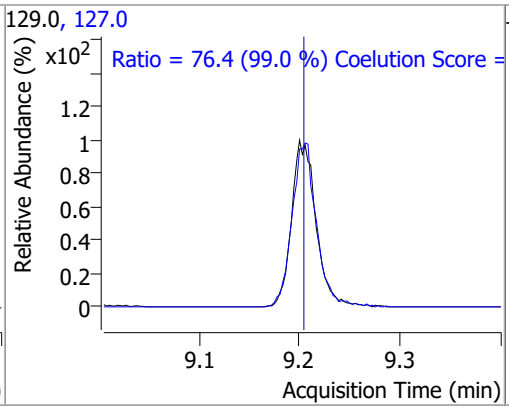


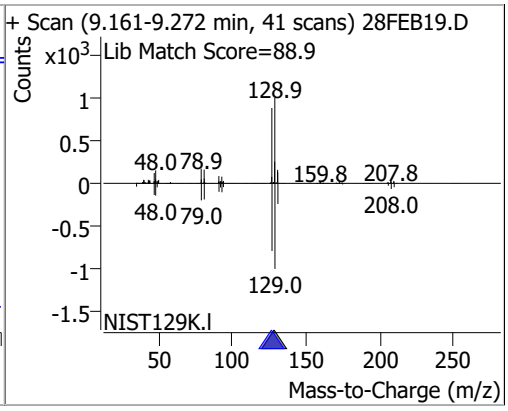




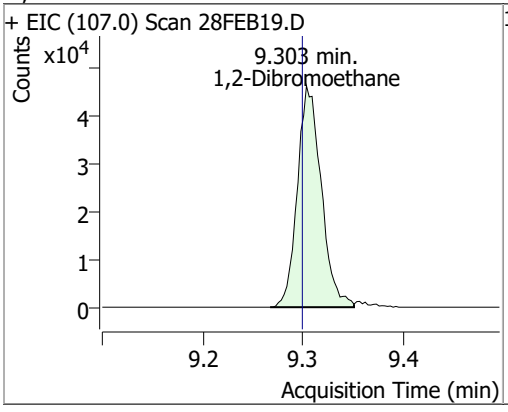
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	132.9476	9.20	-0.01	108832	127.0	76.4	47.2	107.2

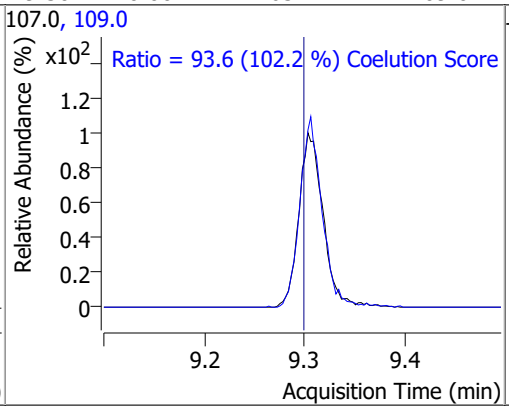


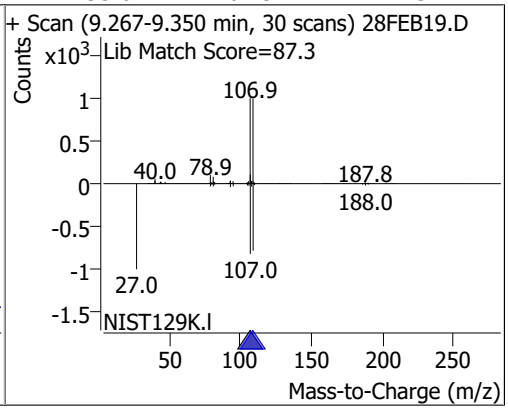




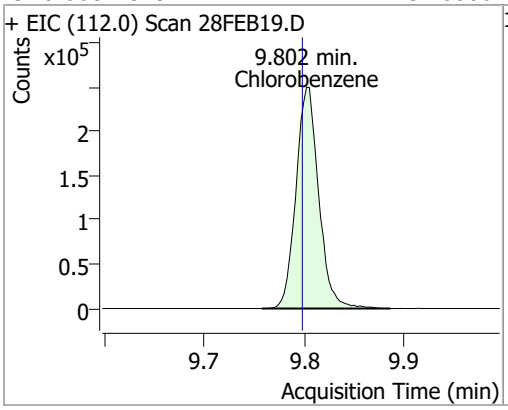
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	135.9977	9.30	0.00	76347	109.0	93.6	61.5	121.5

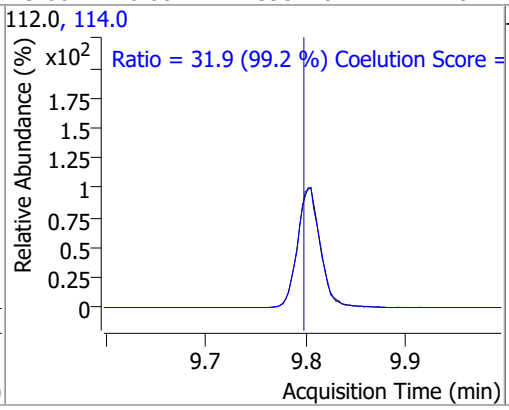


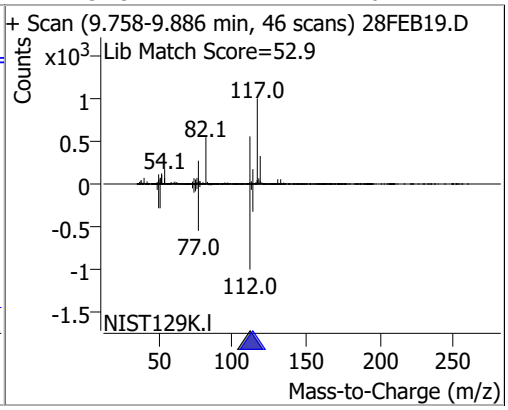




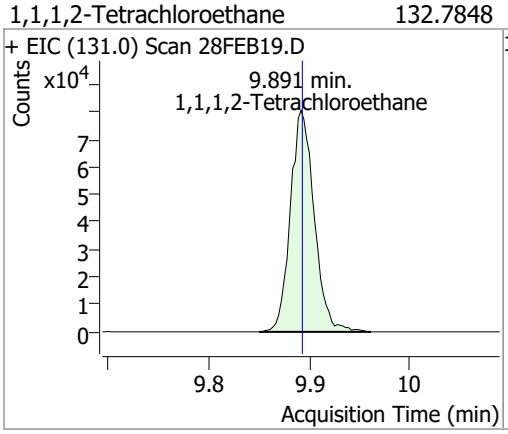
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	137.8006	9.80	0.00	393240	114.0	31.9	2.2	62.2

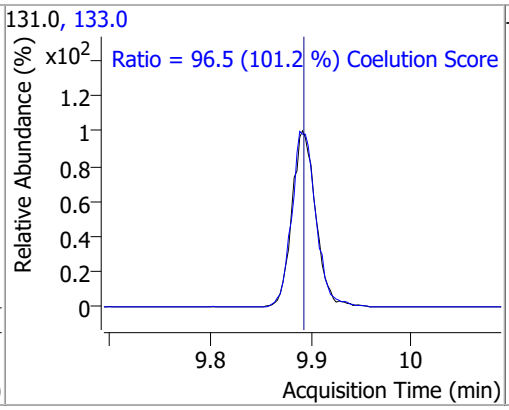


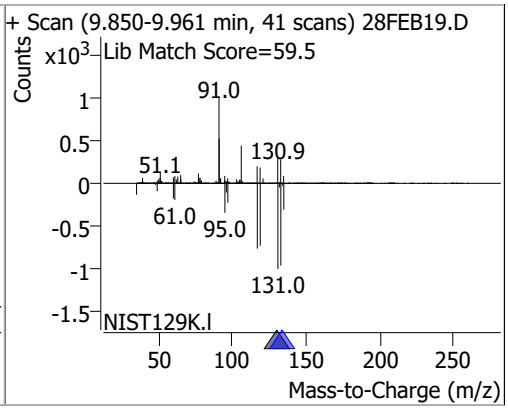




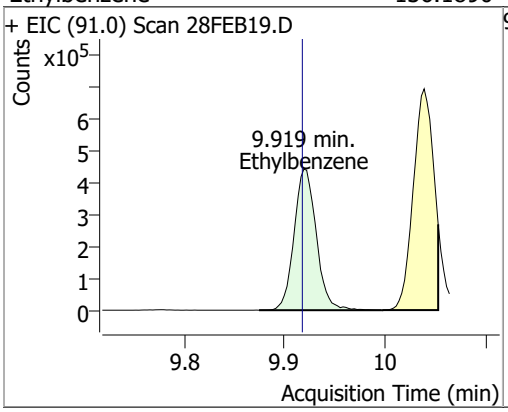
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	132.7848	9.89	0.00	132952	133.0	96.5	65.3	125.3

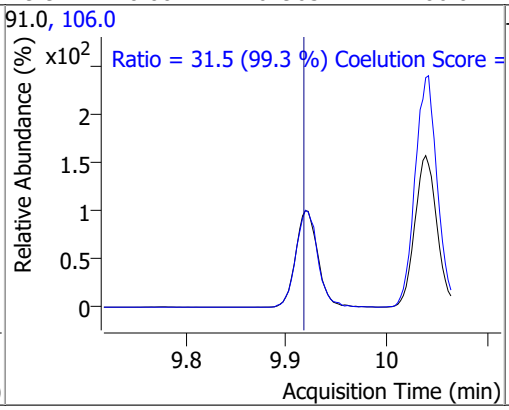


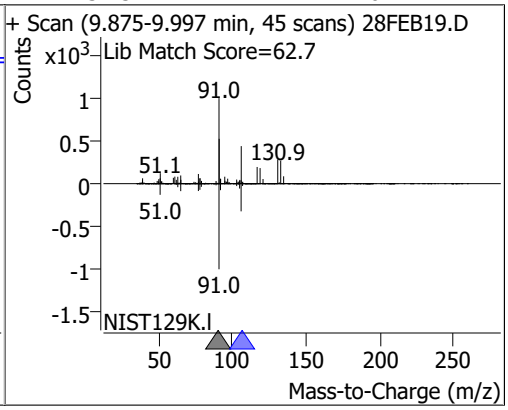




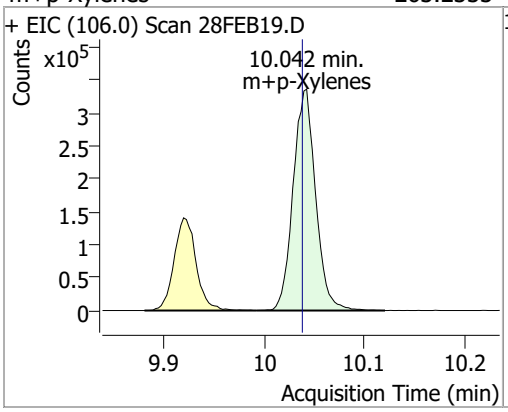
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	136.1890	9.92	0.00	679657	106.0	31.5	1.7	61.7

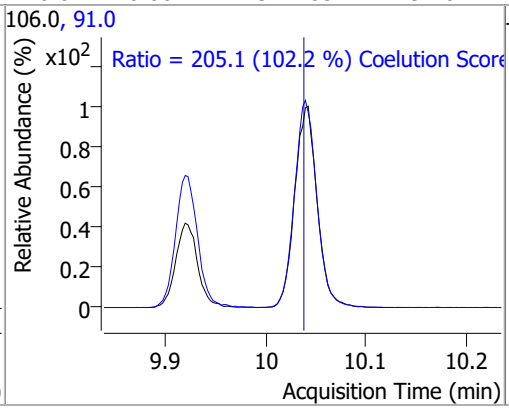


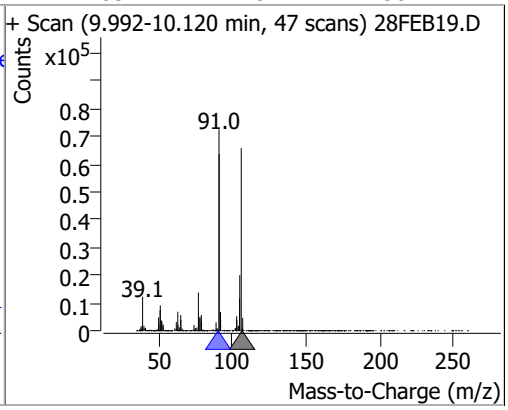




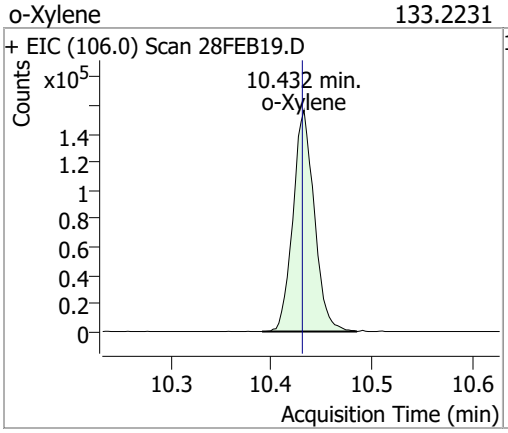
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	263.2333	10.04	0.00	522485	91.0	205.1	170.7	230.7

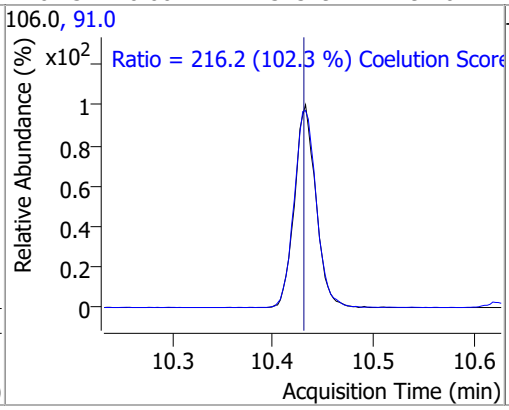


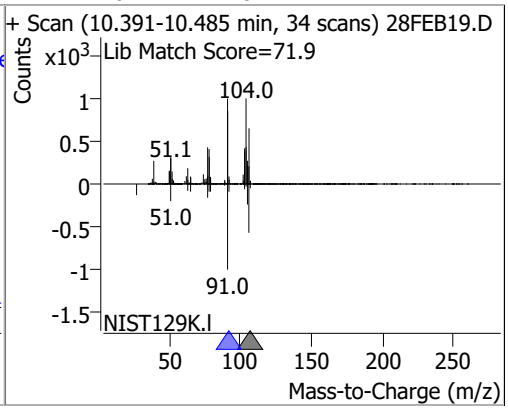




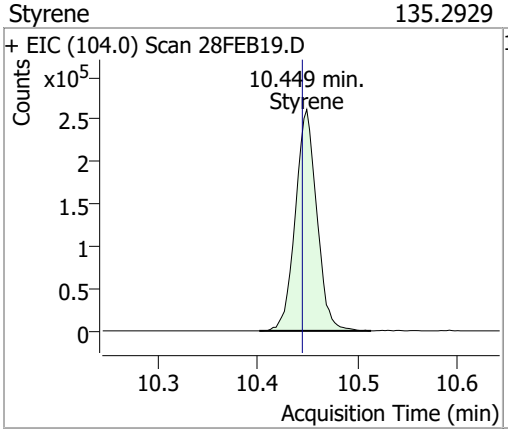
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	133.2231	10.43	0.00	231519	91.0	216.2	181.4	241.4

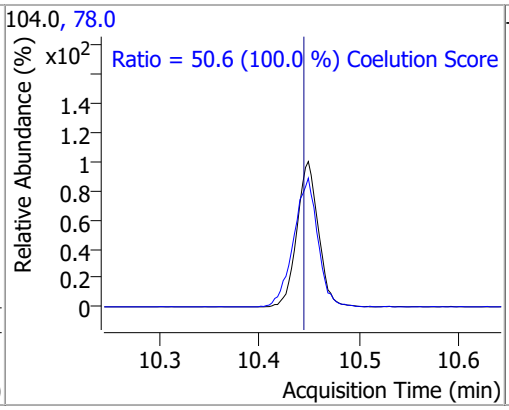


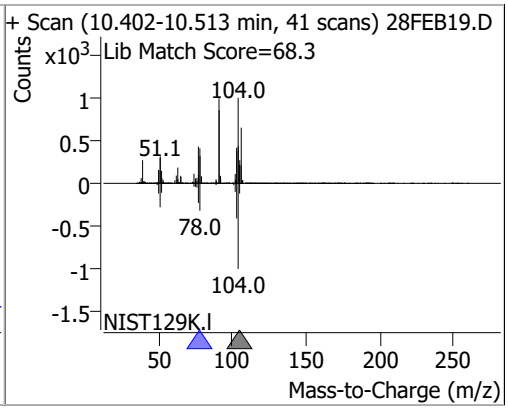




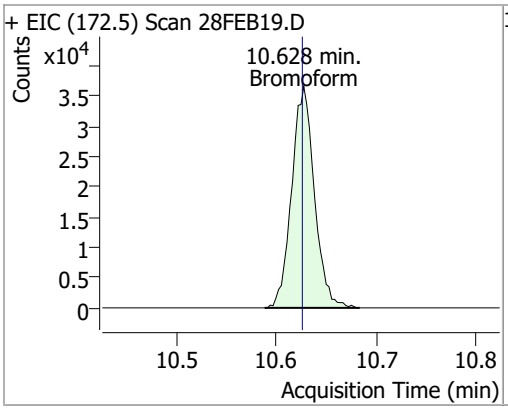
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	135.2929	10.45	0.00	388878	78.0	50.6	20.6	80.6

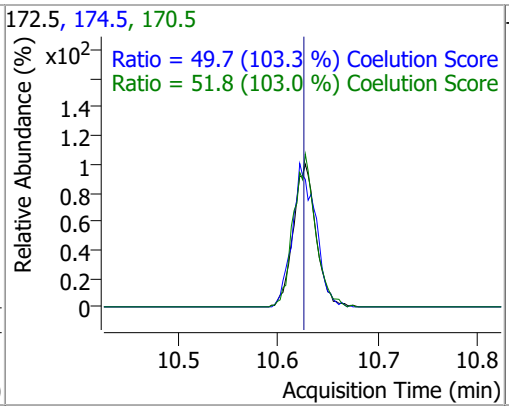


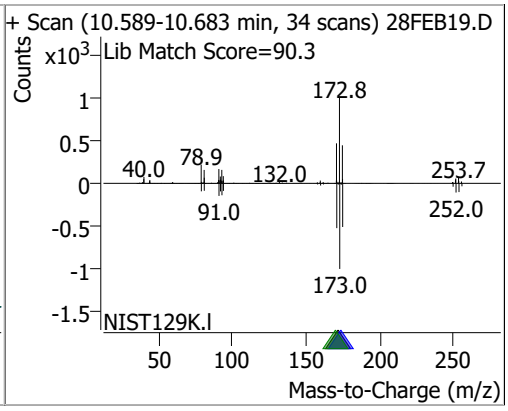




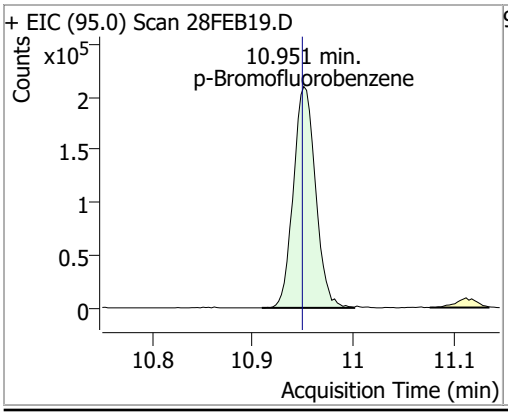
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	132.1959	10.63	0.00	57596	170.5	51.8	20.3	80.3
					174.5	49.7	18.1	78.1

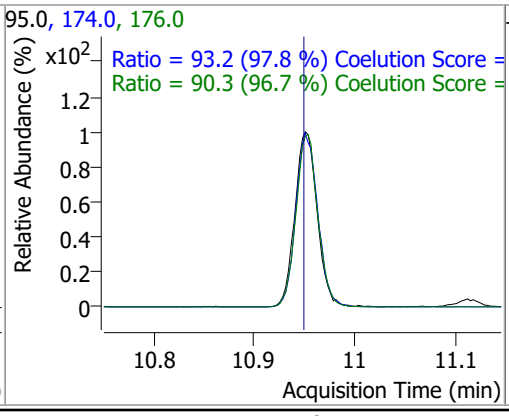


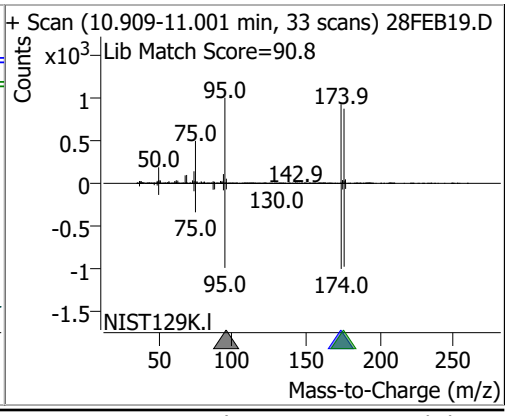




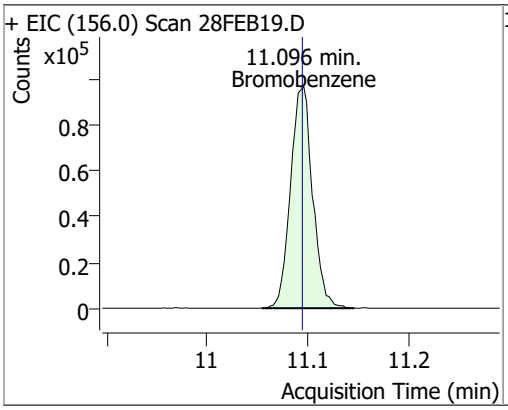
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	268.8122	10.95	0.00	322710	174.0	93.2	65.3	125.3
					176.0	90.3	63.3	123.3

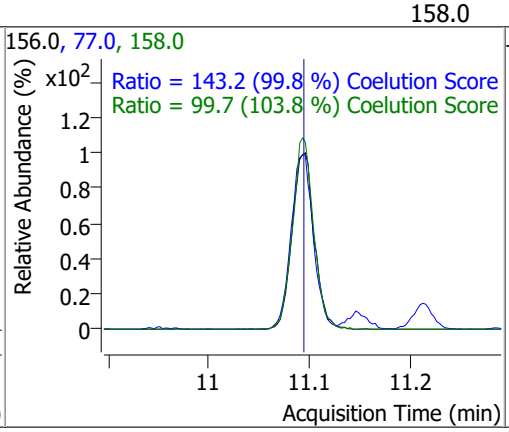


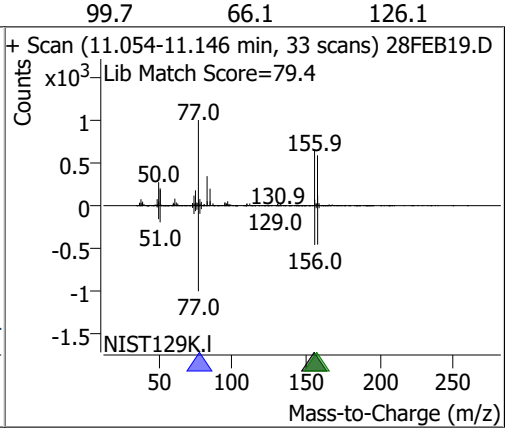




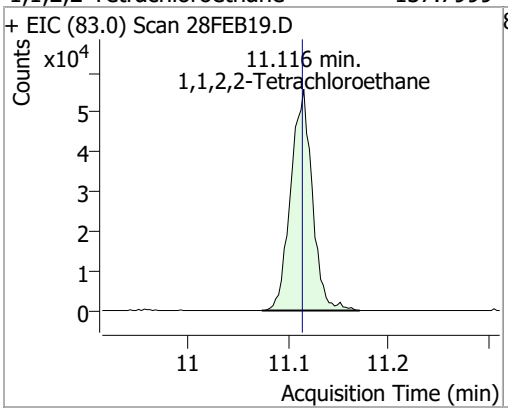
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	139.7719	11.10	0.00	147974	77.0	143.2	113.5	173.5
					158.0	99.7	66.1	126.1

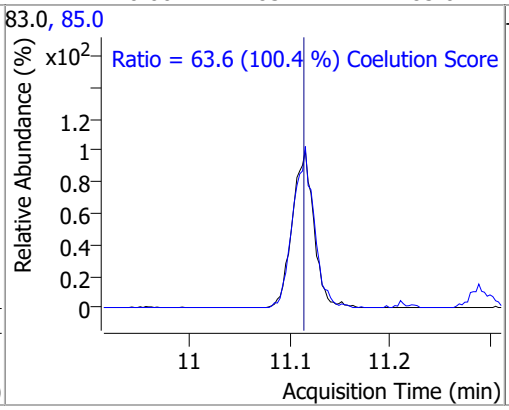


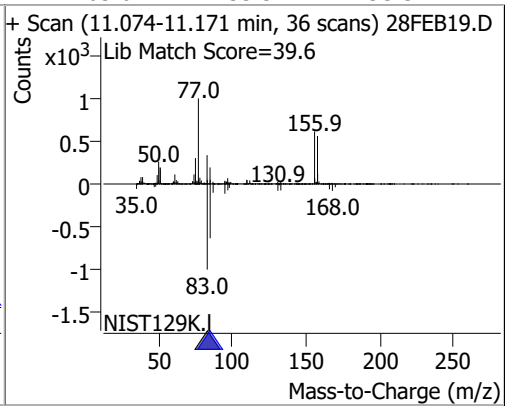




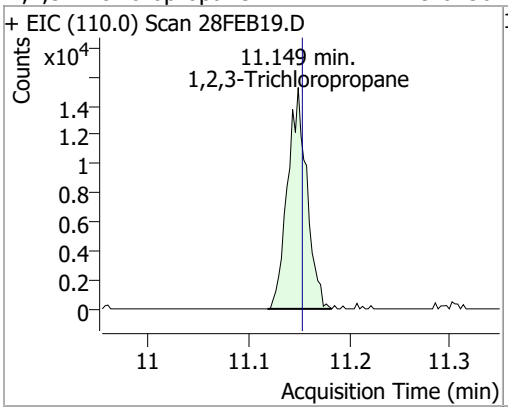
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	137.7999	11.12	0.00	83212	85.0	63.6	33.3	93.3

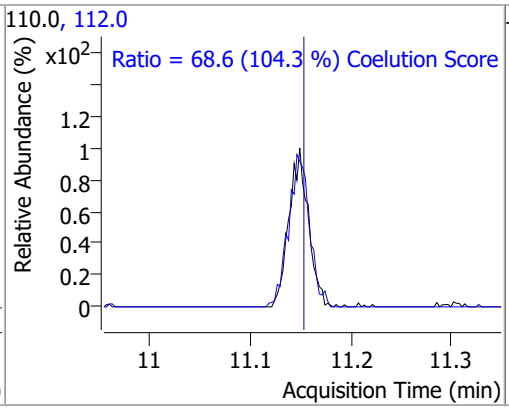


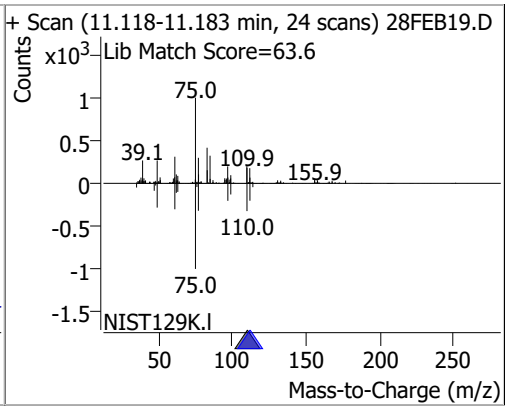




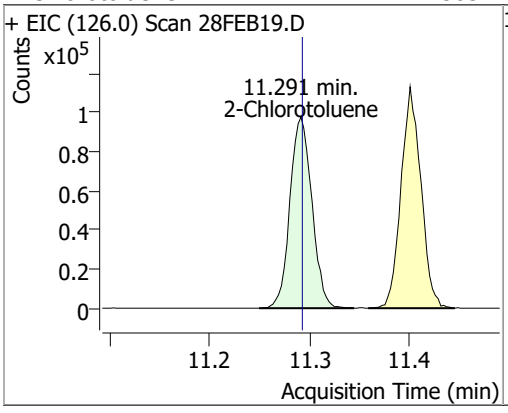
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	129.0156	11.15	0.00	20469	112.0	68.6	35.8	95.8

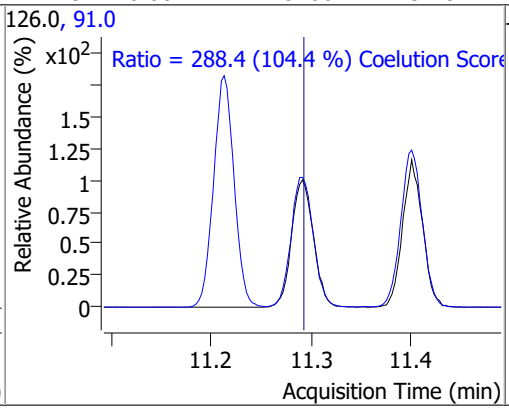


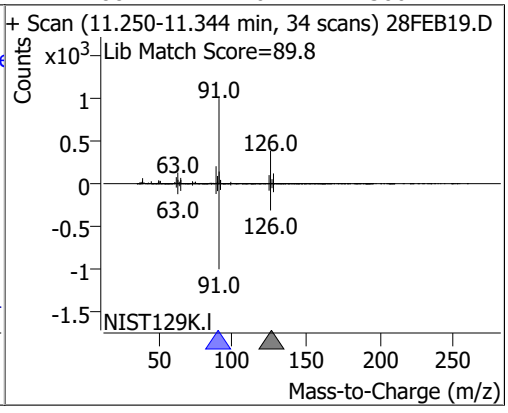




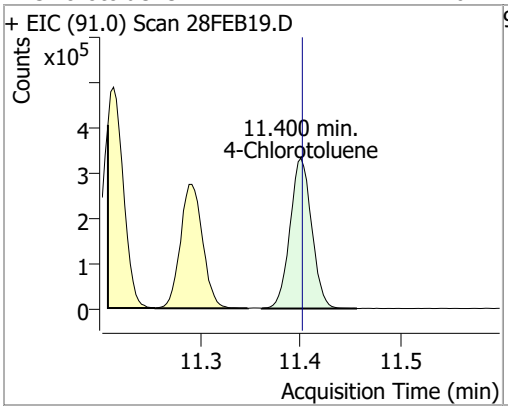
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	141.5032	11.29	0.00	148266	91.0	288.4	246.2	306.2

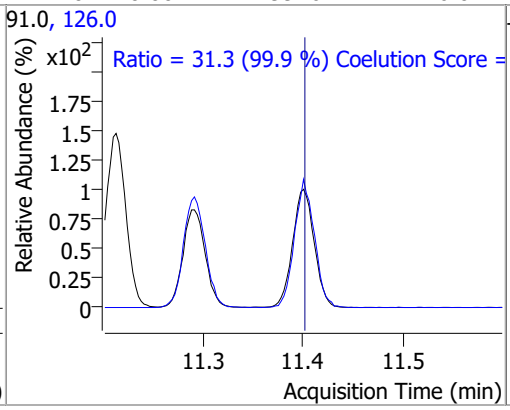


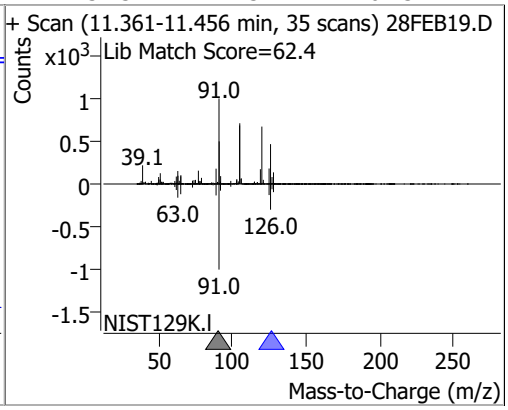




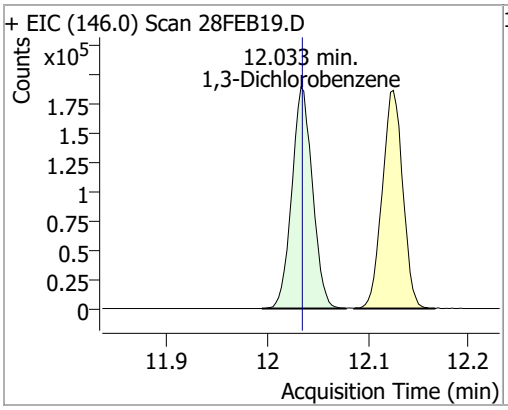
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	147.2611	11.40	0.00	499761	126.0	31.3	1.3	61.3

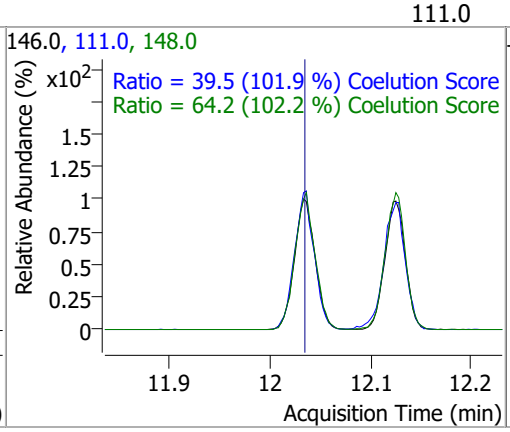


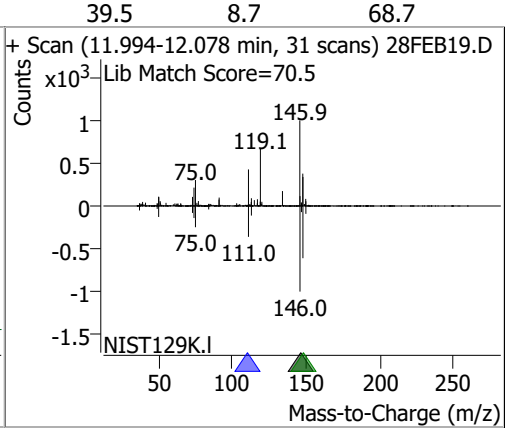




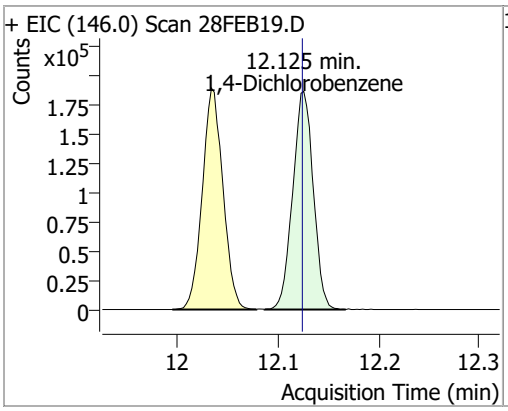
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	140.5501	12.03	0.00	269593	148.0	64.2	32.8	92.8
					111.0	39.5	8.7	68.7

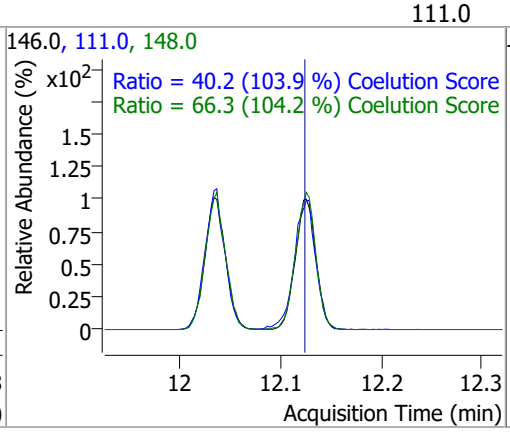


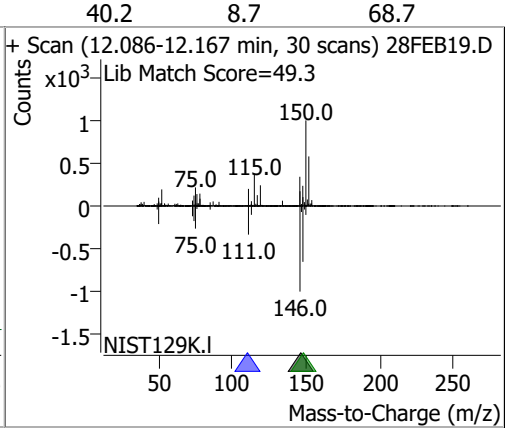




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	135.1483	12.13	0.00	264282	148.0	66.3	33.7	93.7
					111.0	40.2	8.7	68.7

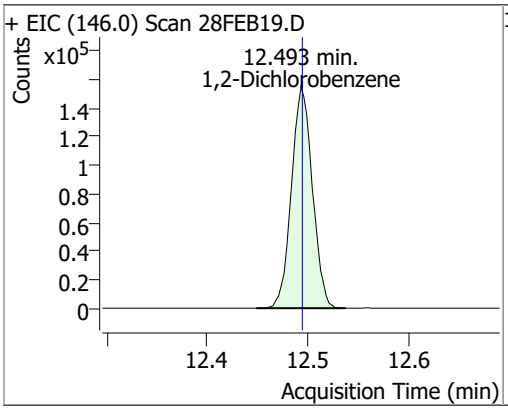


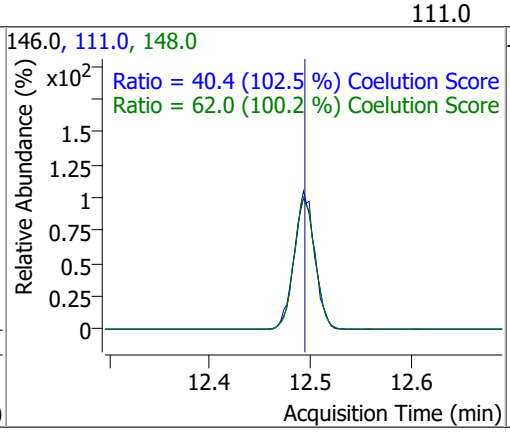


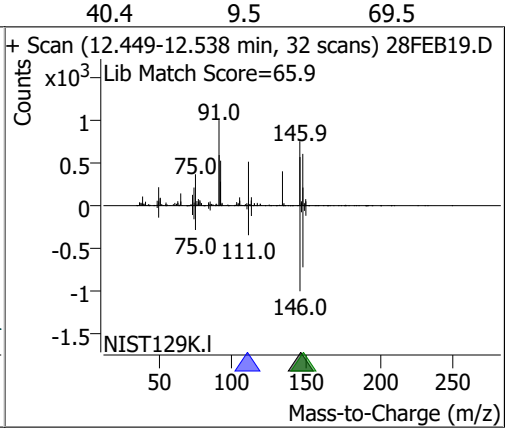


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	140.1303	12.49	0.00	224406	148.0	62.0	31.9	91.9
					111.0	40.4	9.5	69.5







Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	28FEB21.D	Operator	MSC
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Sample Name	CCV022822_Closing	Instrument	VOA5975C
Vial	21	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG022822_8260B.batch.bin	Last Calib Update	3/7/2022 10:46:29 AM
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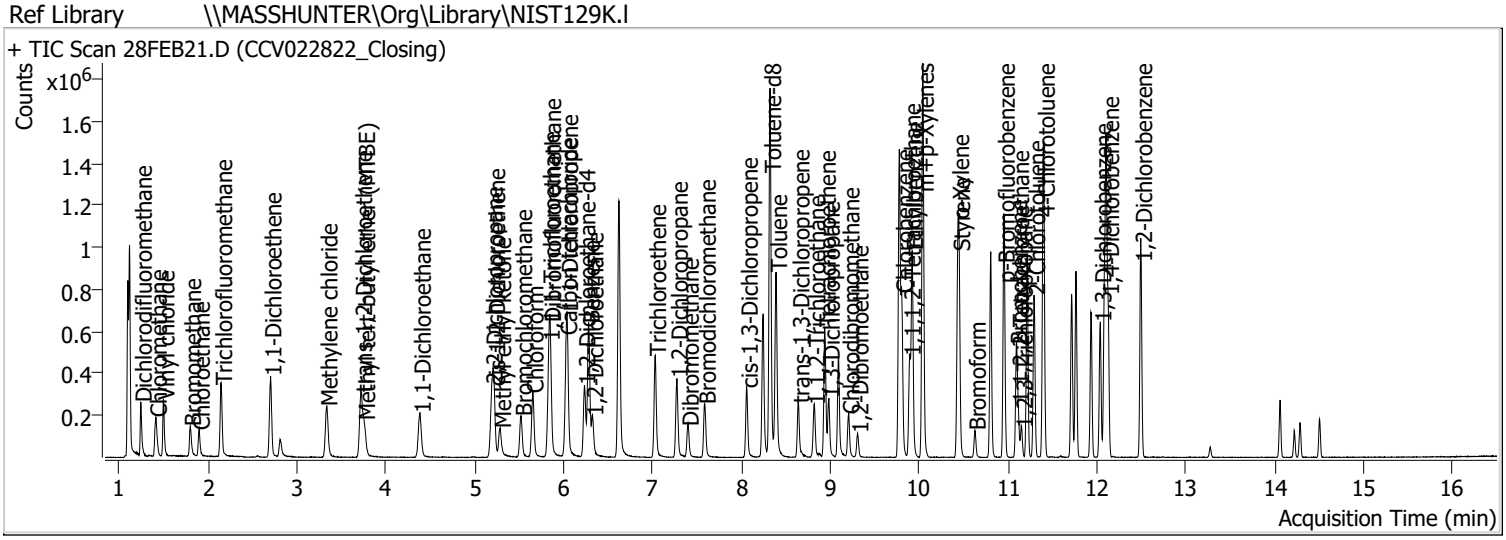
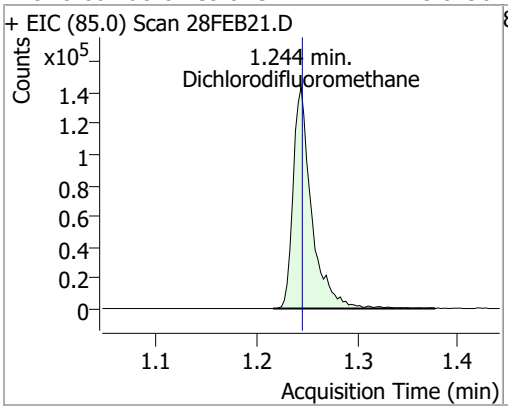


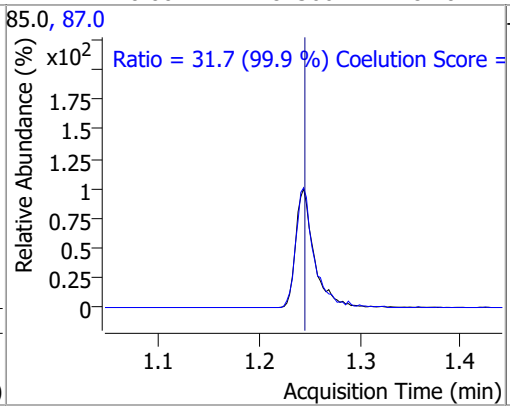
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	1070787	250.0000	ng	0.000
M Chlorobenzene-d5	9.775	82.0	405651	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	333387	250.0000	ng	0.003
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	278310	268.3424	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.34%		
S 1,2-Dichloroethane-d4	6.233	67.0	121216	270.5597	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 108.22%		
S Toluene-d8	8.322	98.0	1097709	277.3732	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 110.95%		
S p-Bromofluorobenzene	10.951	95.0	329614	267.7737	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.11%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.244	85.0	184366	128.0490	ng	100
T Chloromethane	1.411	50.0	211241	124.6169	ng	100
T Vinyl chloride	1.498	62.0	195070	126.4256	ng	100
T Bromomethane	1.799	96.0	76089	114.3250	ng	97
T Chloroethane	1.897	64.0	89275	122.2946	ng	99
T Trichlorofluoromethane	2.148	101.0	248312	134.2063	ng	97
T 1,1-Dichloroethene	2.703	96.0	133662	124.1539	ng	99
T Methylene chloride	3.333	49.0	184895	118.1239	ng	99
T trans-1,2-Dichloroethene	3.720	96.0	132851	119.4524	ng	99
T Methyl tert-butyl ether (MTBE)	3.754	73.0	167519	120.5112	ng	96
T 1,1-Dichloroethane	4.381	63.0	256857	123.4026	ng	100
T 2,2-Dichloropropane	5.190	77.0	191455	122.0540	ng	97
T cis-1,2-Dichloroethene	5.218	96.0	135005	119.8890	ng	97
T Methyl ethyl ketone	5.285	43.0	190702	1171.8411	ng	99
T Bromochloromethane	5.522	128.0	55816	120.2167	ng	97
T Chloroform	5.650	83.0	241061	115.9907	ng	99

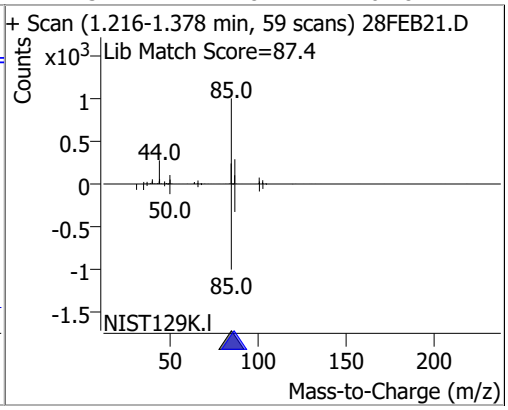
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	240912	125.6358	ng	99
T Carbon tetrachloride	6.027	117.0	236796	127.3261	ng	98
T 1,1-Dichloropropene	6.038	75.0	201312	129.4652	ng	98
T Benzene	6.280	78.0	530528	124.0243	ng	98
T 1,2-Dichloroethane	6.325	62.0	142003	120.1896	ng	95
T Trichloroethene	7.028	95.0	151544	124.7872	ng	97
T 1,2-Dichloropropane	7.273	63.0	133283	124.8275	ng	97
T Dibromomethane	7.396	93.0	53864	119.6830	ng	98
T Bromodichloromethane	7.585	83.0	155449	122.8319	ng	97
T cis-1,3-Dichloropropene	8.059	75.0	166520	119.9091	ng	98
T Toluene	8.389	92.0	335802	127.2978	ng	99
T trans-1,3-Dichloropropene	8.640	75.0	127424	125.7929	ng	98
T 1,1,2-Trichloroethane	8.815	83.0	64695	125.6024	ng	98
T Tetrachloroethene	8.935	163.8	135092	126.2906	ng	99
T 1,3-Dichloropropane	8.983	76.0	129745	124.4756	ng	100
T Chlorodibromomethane	9.203	129.0	100102	120.6716	ng	98
T 1,2-Dibromoethane	9.306	107.0	69257	121.7424	ng	97
T Chlorobenzene	9.802	112.0	356316	123.2161	ng	100
T 1,1,1,2-Tetrachloroethane	9.892	131.0	122989	121.2155	ng	100
T Ethylbenzene	9.920	91.0	614333	122.0096	ng	100
T m+p-Xylenes	10.039	106.0	495692	246.9787	ng	99
T o-Xylene	10.435	106.0	209788	119.6836	ng	95
T Styrene	10.449	104.0	356186	122.7284	ng	99
T Bromoform	10.625	172.5	53781	120.3872	ng	98
T Bromobenzene	11.091	156.0	133197	122.7029	ng	97
T 1,1,2,2-Tetrachloroethane	11.113	83.0	79968	129.1531	ng	99
T 1,2,3-Trichloropropane	11.152	110.0	19552	120.1884	ng	99
T 2-Chlorotoluene	11.292	126.0	133659	124.4081	ng	93
T 4-Chlorotoluene	11.400	91.0	451682	129.8028	ng	99
T 1,3-Dichlorobenzene	12.036	146.0	241418	122.7490	ng	99
T 1,4-Dichlorobenzene	12.123	146.0	249068	124.2187	ng	98
T 1,2-Dichlorobenzene	12.496	146.0	203071	123.6719	ng	98

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

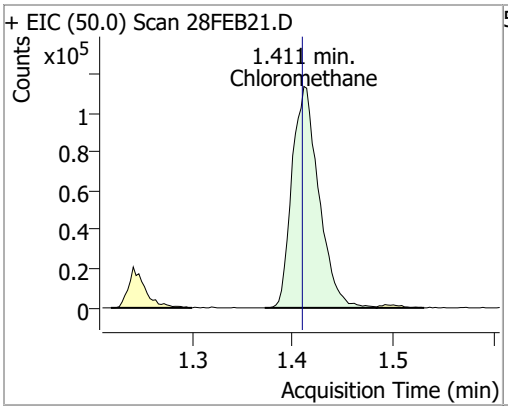
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	128.0490	1.24	0.00	184366	87.0	31.7	1.8	61.8

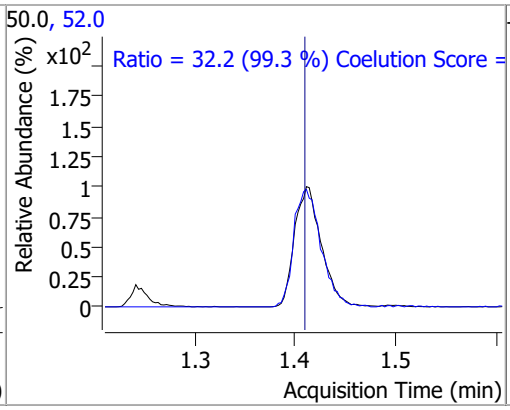


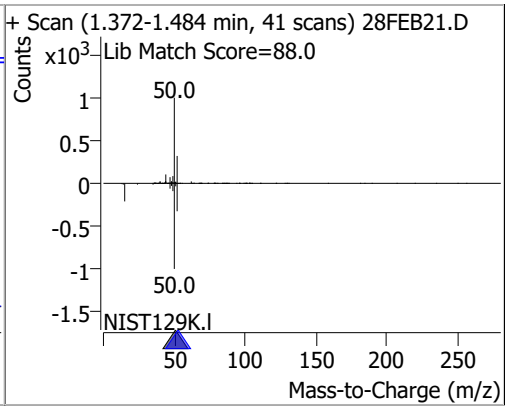




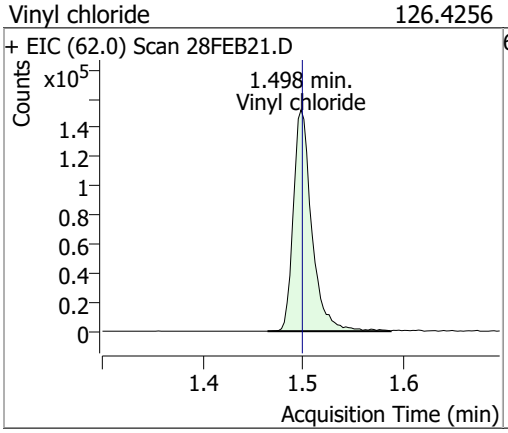
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	124.6169	1.41	0.00	211241	52.0	32.2	2.4	62.4

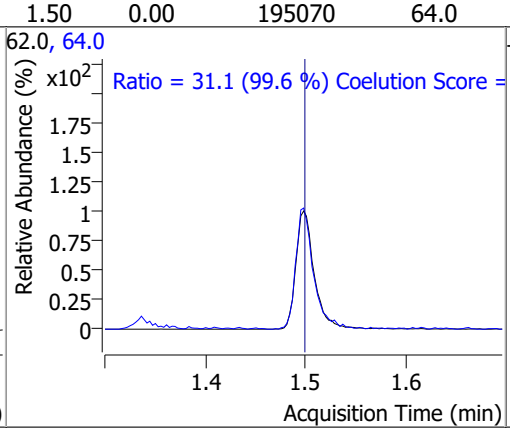


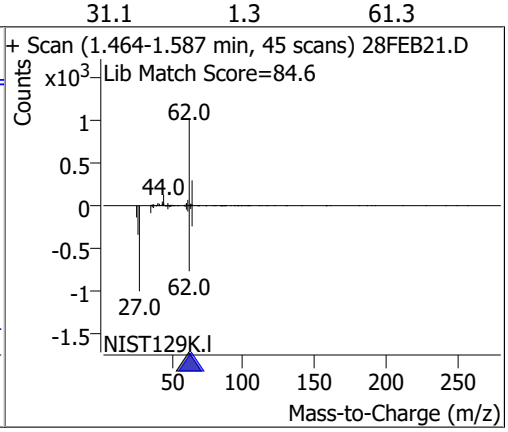




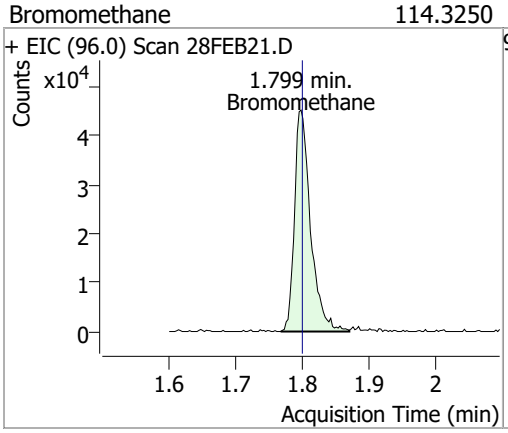
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	126.4256	1.50	0.00	195070	64.0	31.1	1.3	61.3

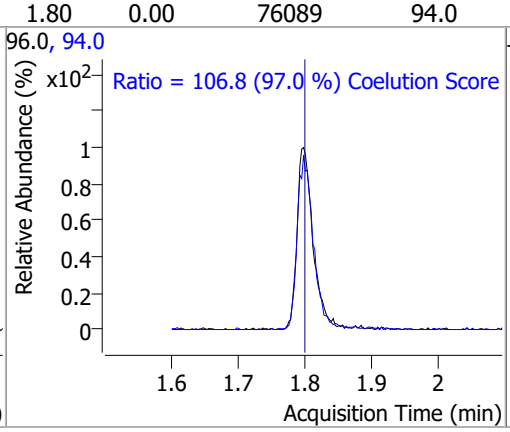


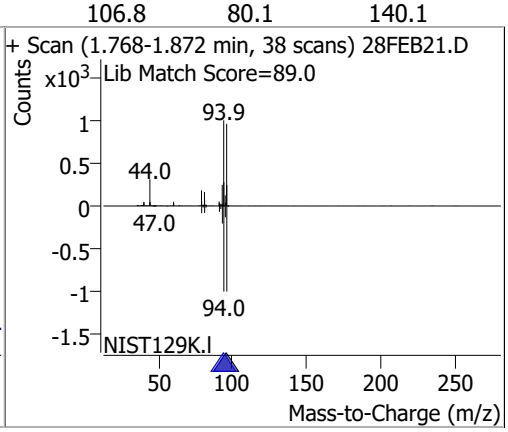




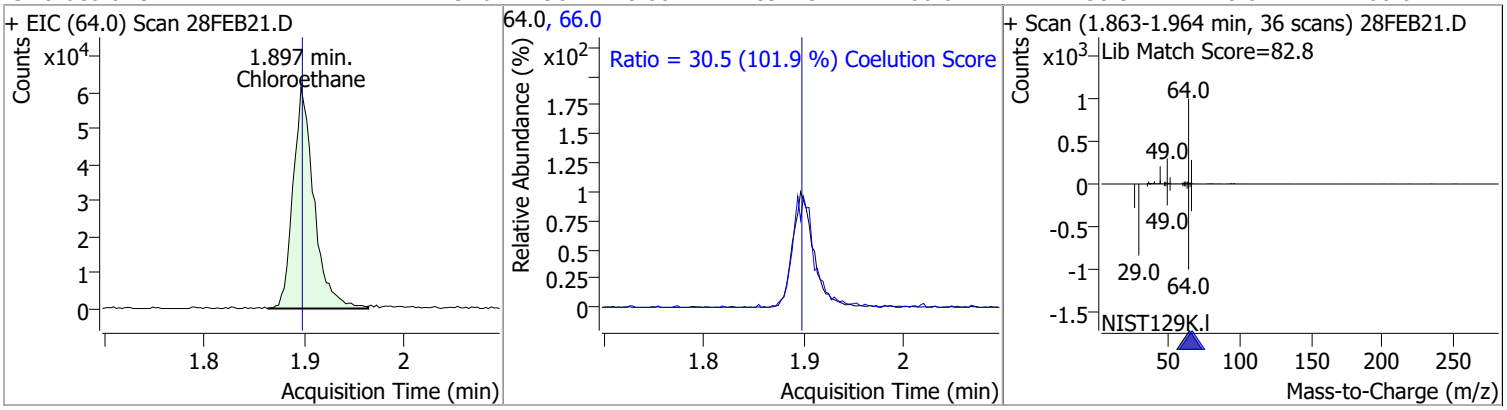
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	114.3250	1.80	0.00	76089	94.0	106.8	80.1	140.1



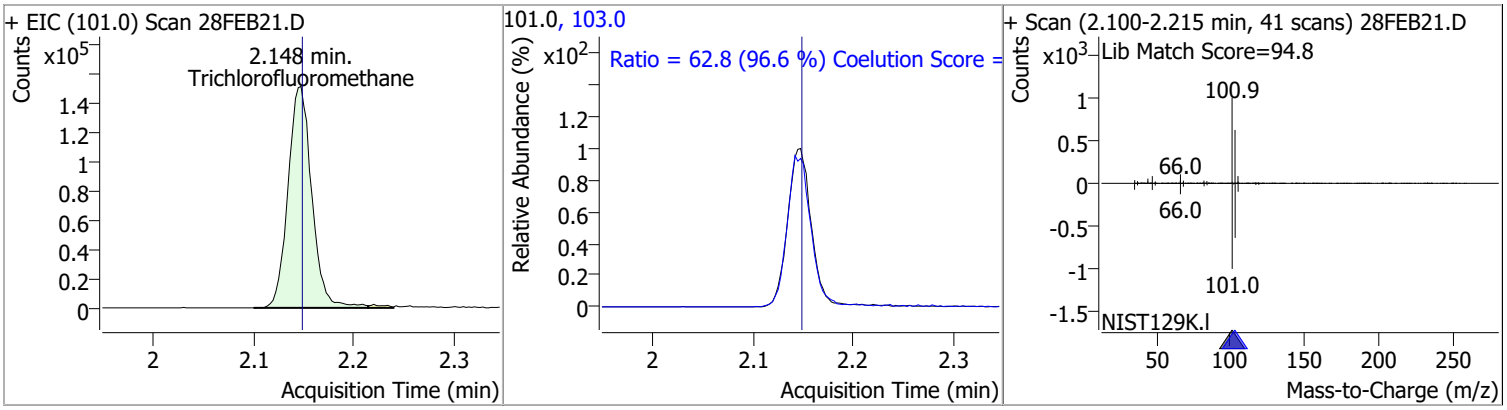




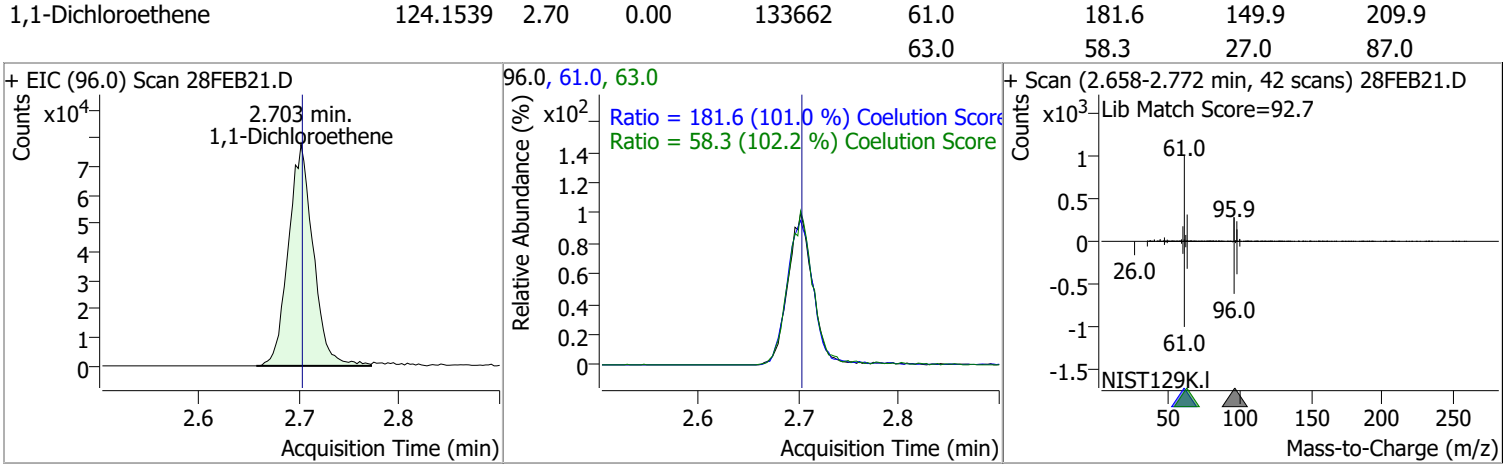
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	122.2946	1.90	0.00	89275	66.0	30.5	0.0	60.0



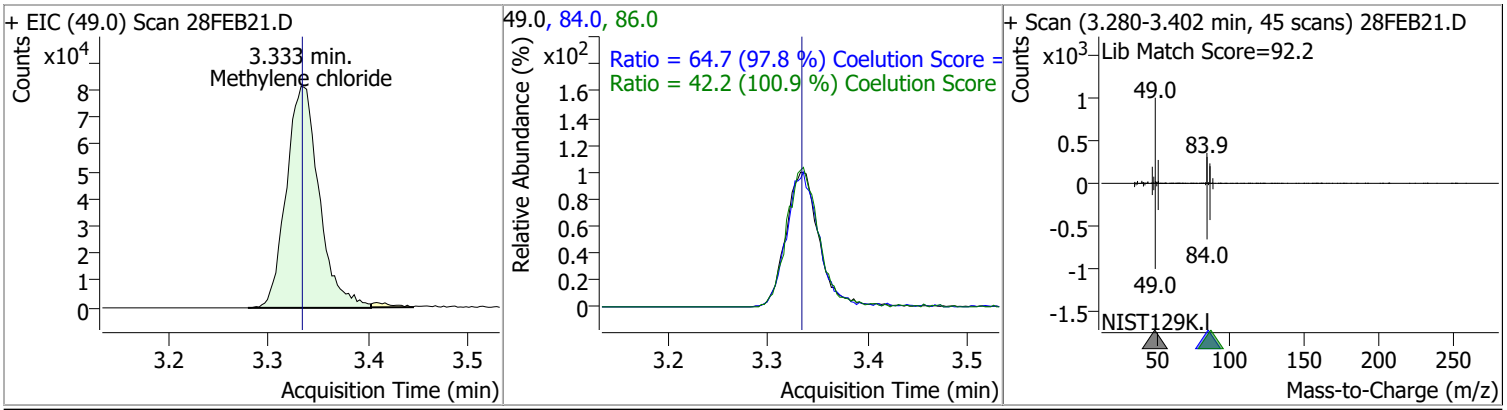
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	134.2063	2.15	0.00	248312	103.0	62.8	35.0	95.0



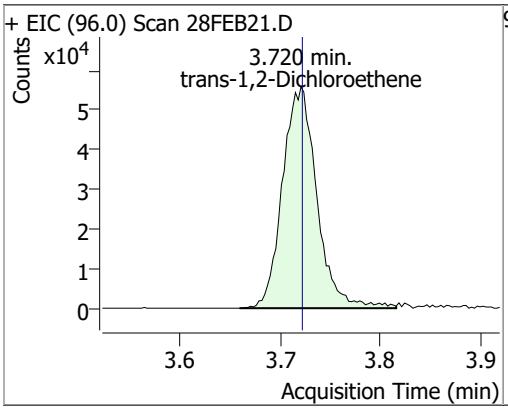
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	124.1539	2.70	0.00	133662	61.0	181.6	149.9	209.9
					63.0	58.3	27.0	87.0

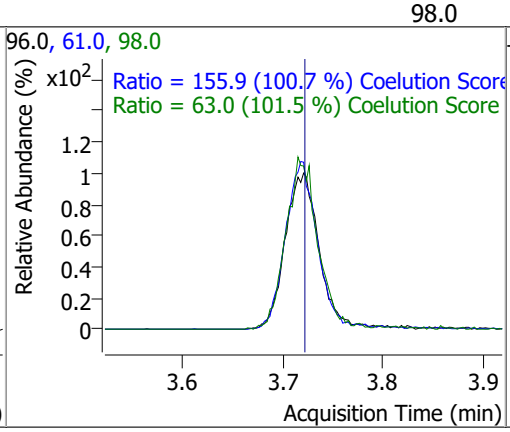


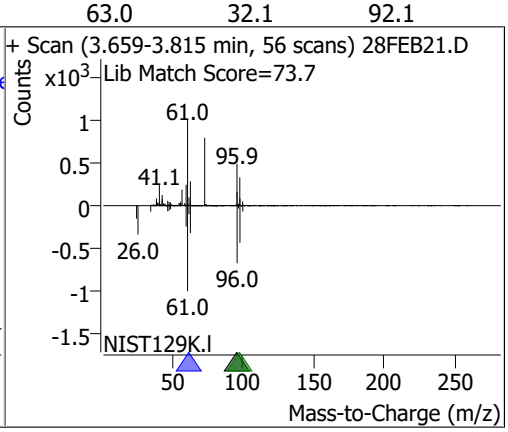
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	118.1239	3.33	0.00	184895	84.0	64.7	36.1	96.1
					86.0	42.2	11.8	71.8



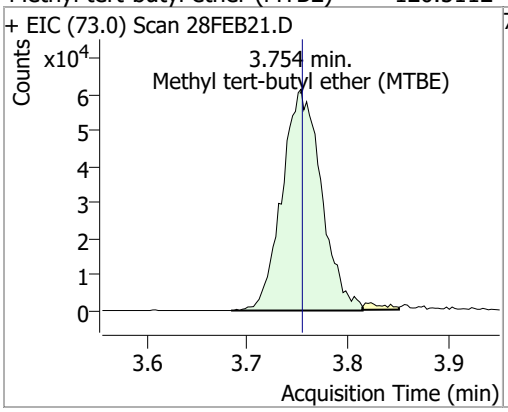
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	119.4524	3.72	0.00	132851	61.0	155.9	124.8	184.8
					98.0	63.0	32.1	92.1

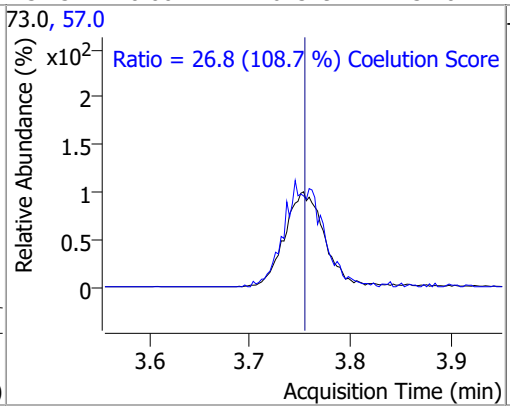


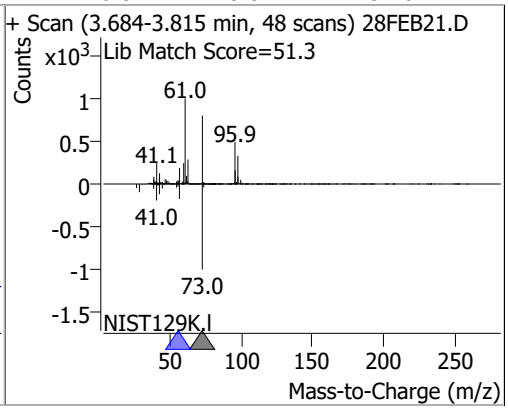




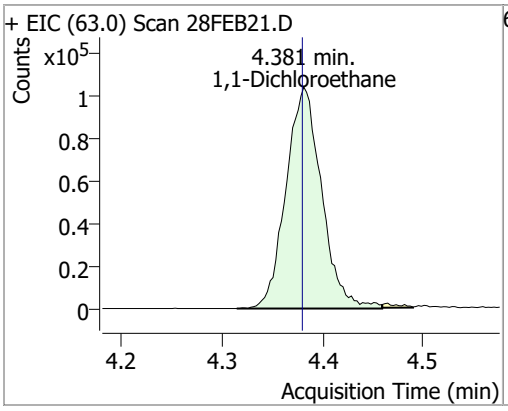
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	120.5112	3.75	0.00	167519	57.0	26.8	0.0	54.6

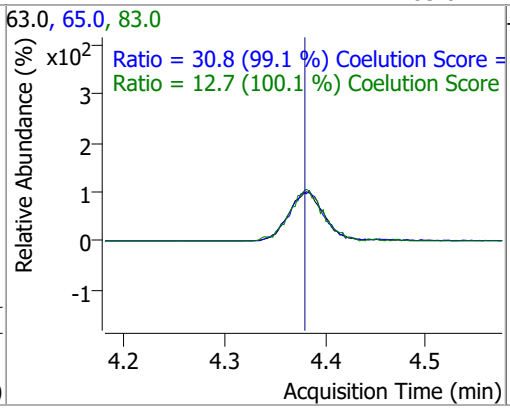


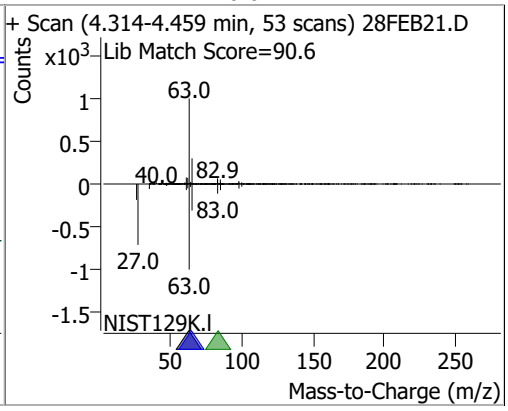




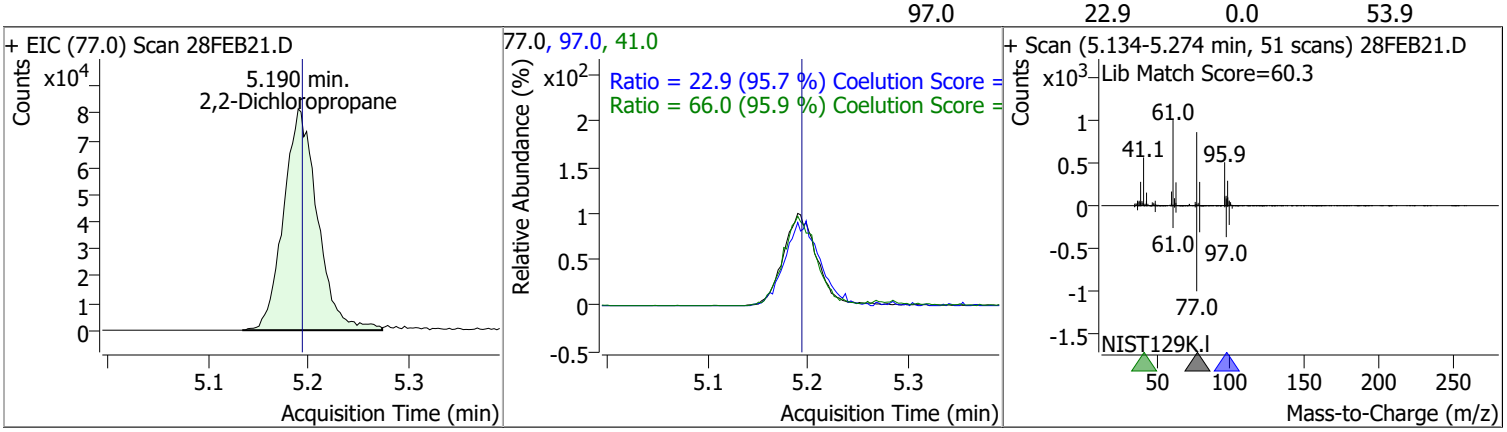
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	123.4026	4.38	0.00	256857	65.0	30.8	1.0	61.0
					83.0	12.7	0.0	42.7



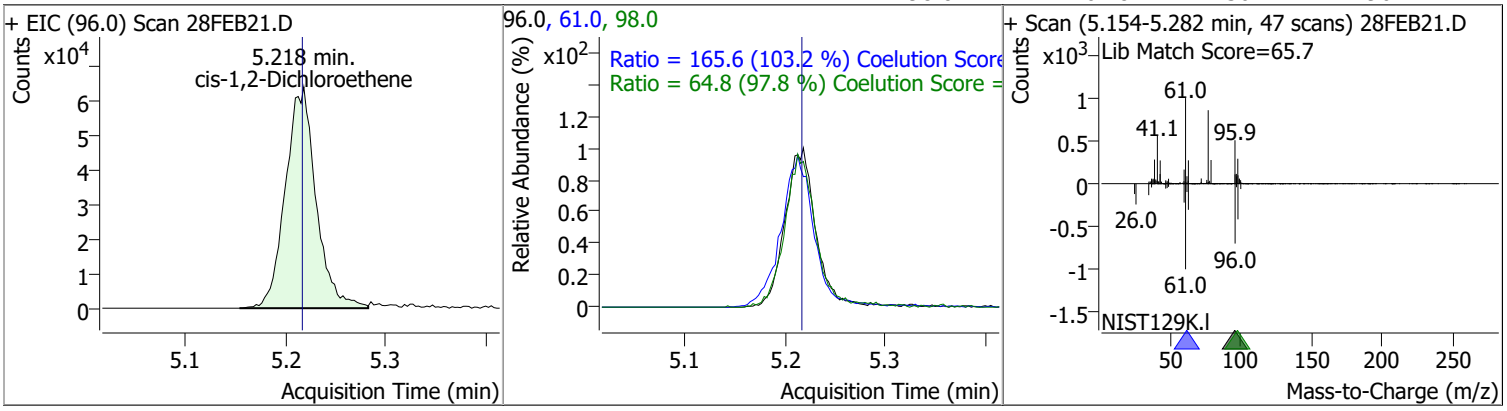




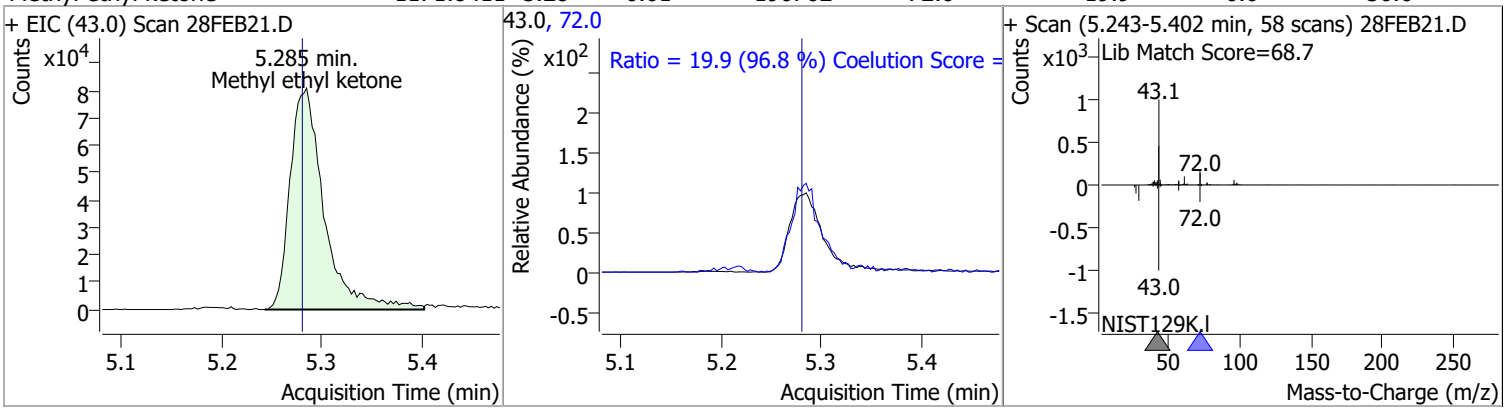
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	122.0540	5.19	0.00	191455	41.0	66.0	38.8	98.8
					97.0	22.9	0.0	53.9



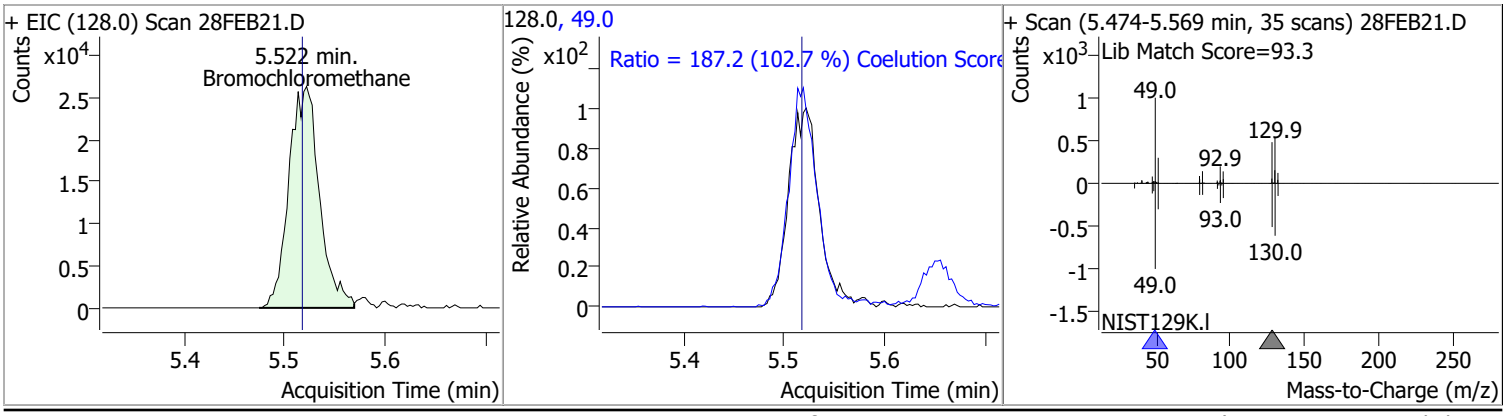
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	119.8890	5.22	0.00	135005	61.0	165.6	130.4	190.4
					98.0	64.8	36.2	96.2



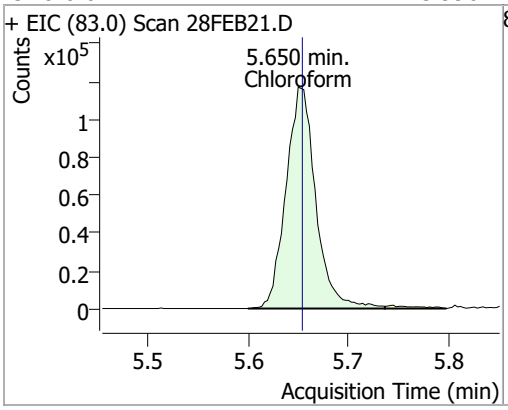
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1171.8411	5.28	0.01	190702	72.0	19.9	0.0	50.6

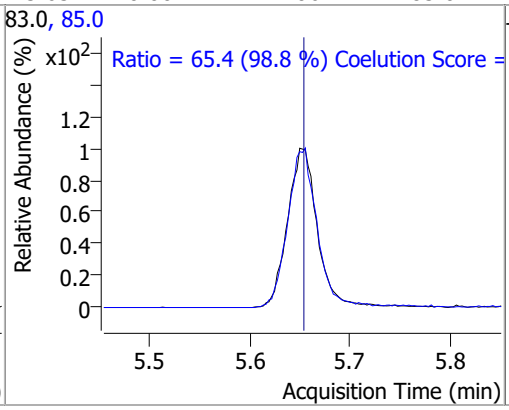


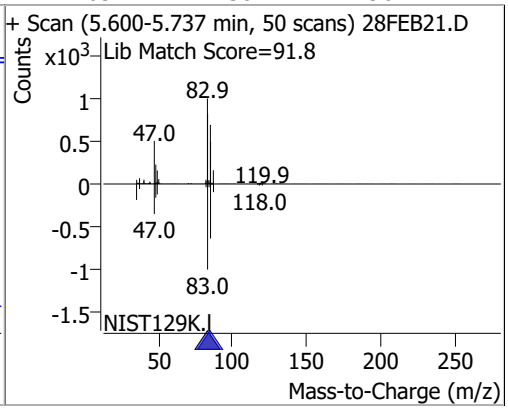
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	120.2167	5.52	0.01	55816	49.0	187.2	152.2	212.2



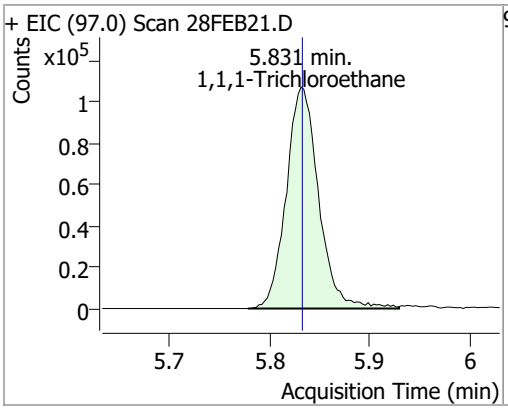
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	115.9907	5.65	0.00	241061	85.0	65.4	36.2	96.2

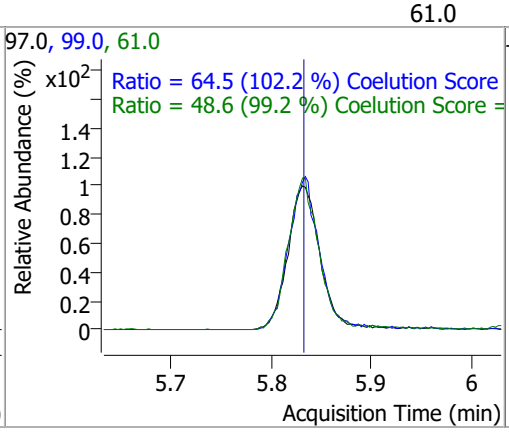


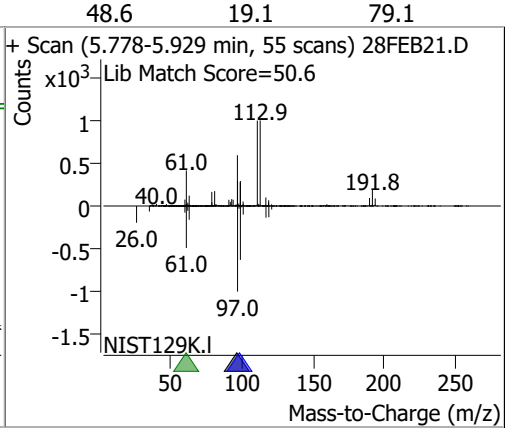




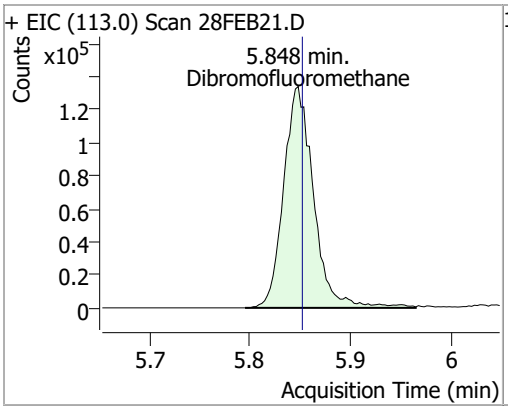
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	125.6358	5.83	0.00	240912	99.0	64.5	33.1	93.1
					61.0	48.6	19.1	79.1

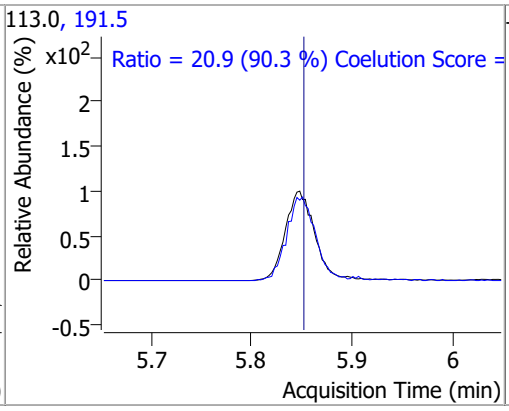


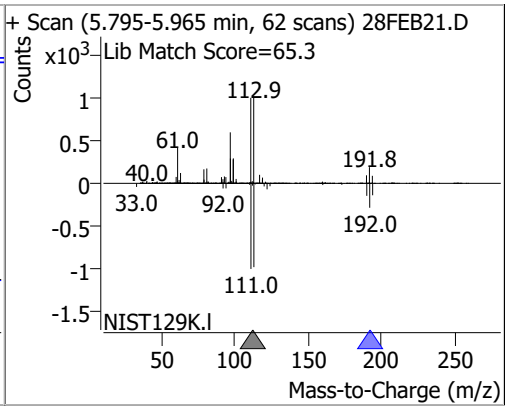




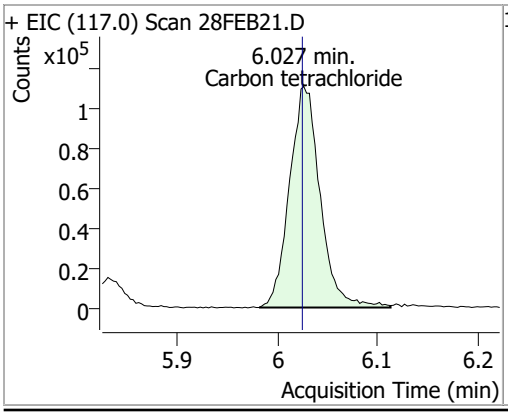
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	268.3424	5.85	0.00	278310	191.5	20.9	0.0	53.2

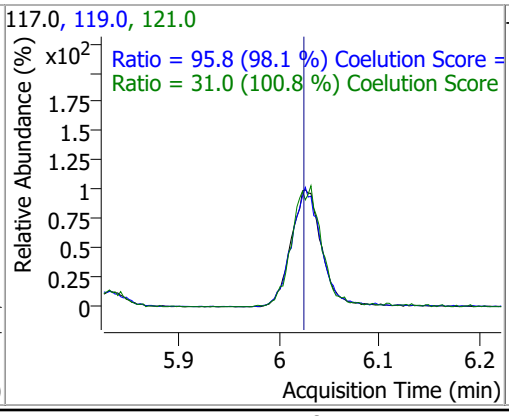


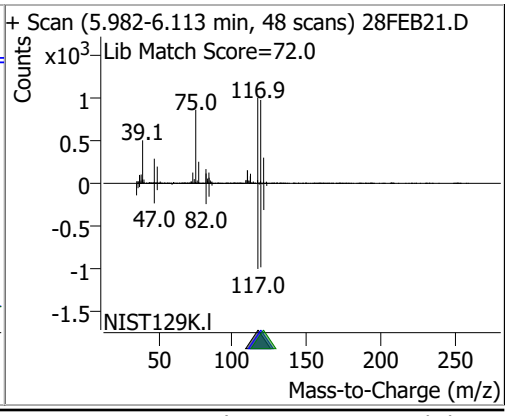




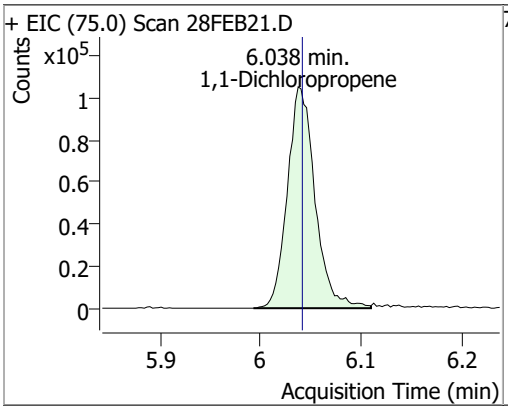
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	127.3261	6.03	0.00	236796	119.0	95.8	67.6	127.6
					121.0	31.0	0.7	60.7

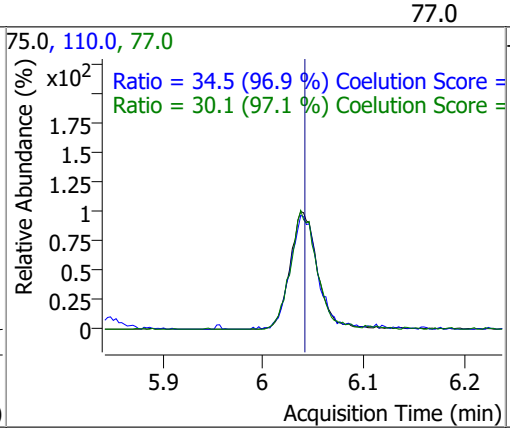


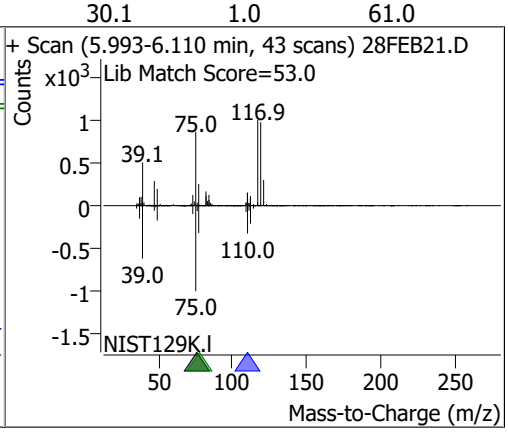




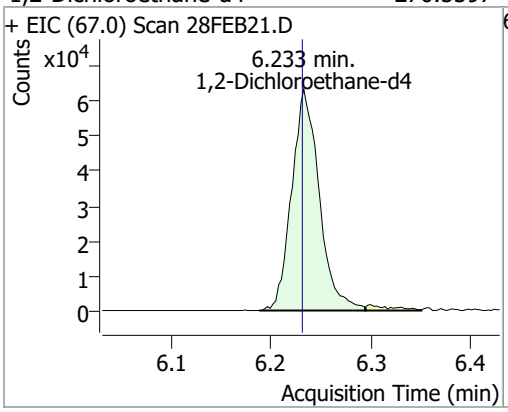
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	129.4652	6.04	0.00	201312	110.0	34.5	5.6	65.6
					77.0	30.1	1.0	61.0

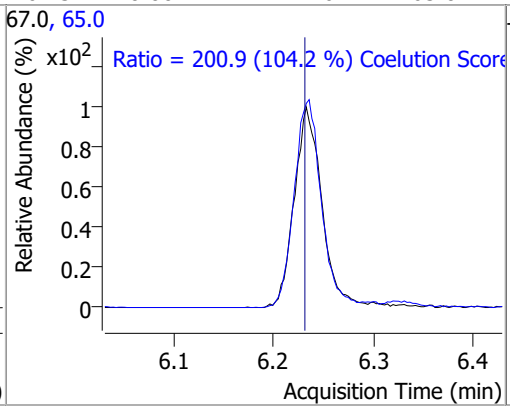


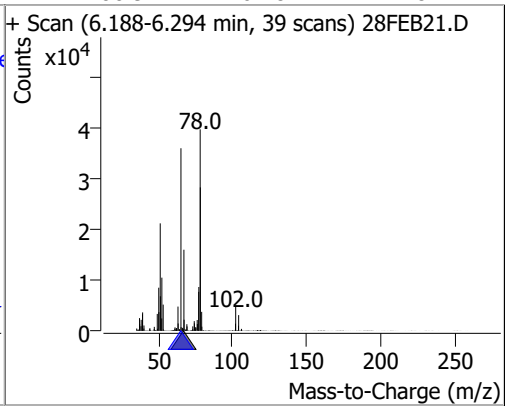




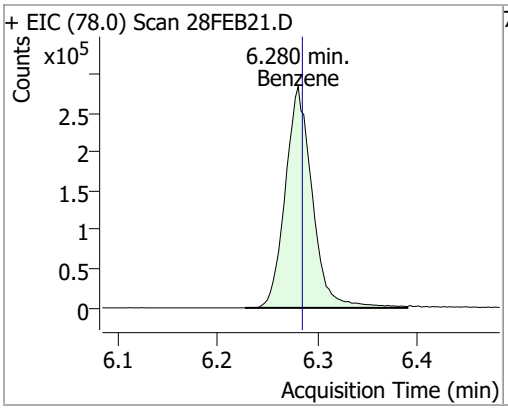
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	270.5597	6.23	0.00	121216	65.0	200.9	162.8	222.8

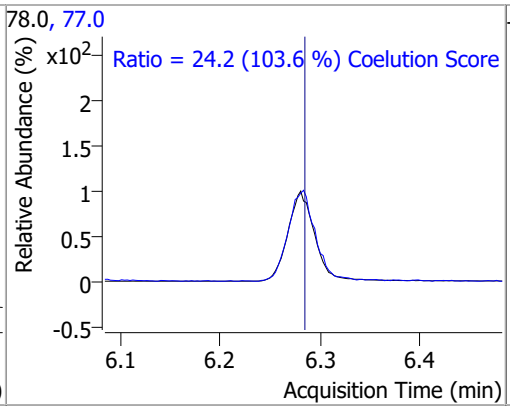


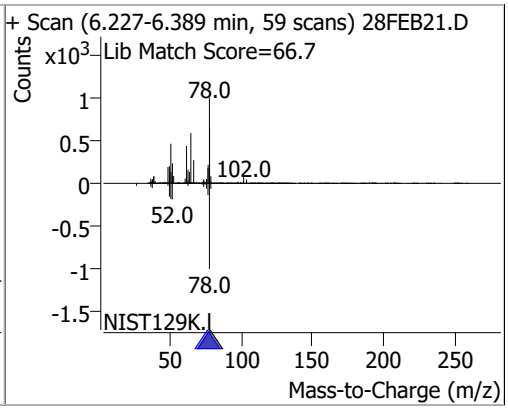




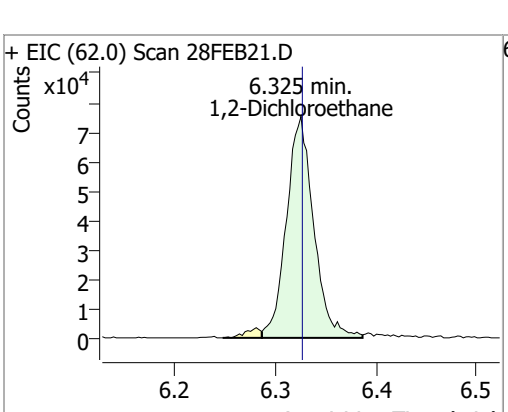
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	124.0243	6.28	0.00	530528	77.0	24.2	0.0	53.3

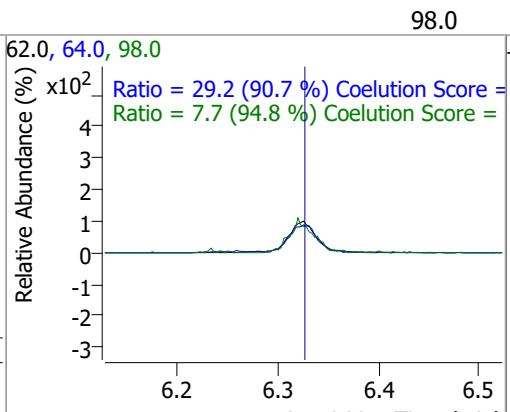


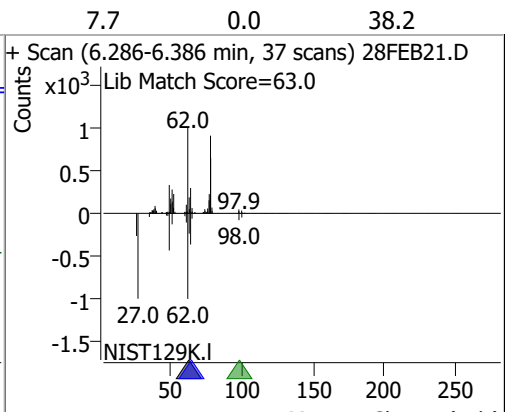




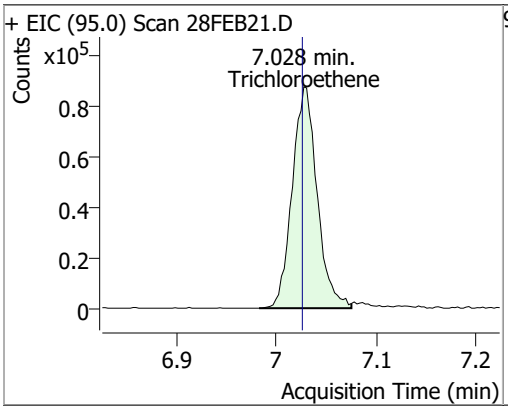
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	120.1896	6.32	0.00	142003	64.0	29.2	2.2	62.2
					98.0	7.7	0.0	38.2

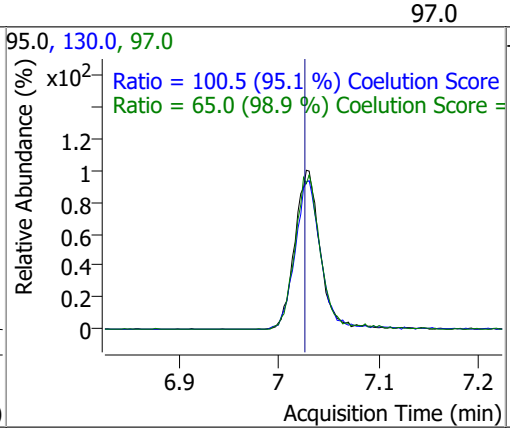


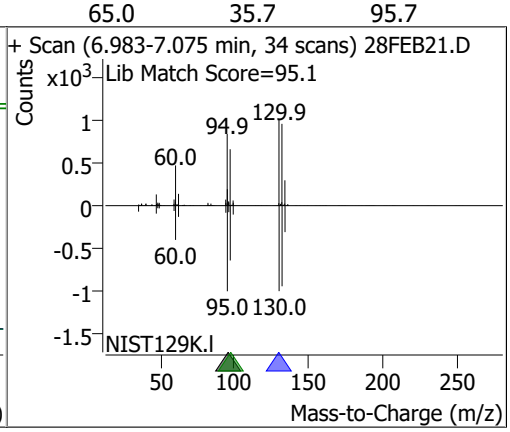




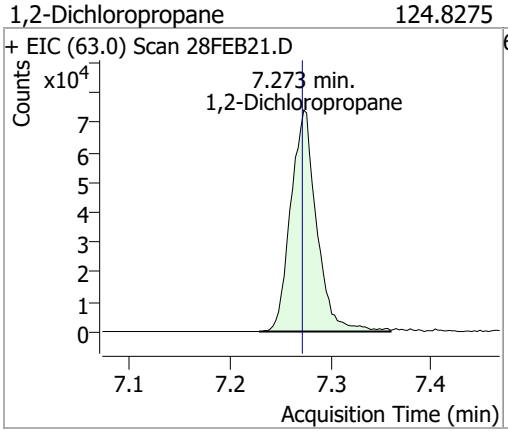
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	124.7872	7.03	0.00	151544	130.0	100.5	75.6	135.6
					97.0	65.0	35.7	95.7

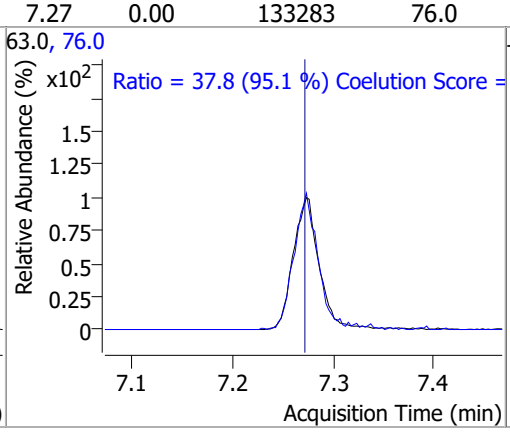


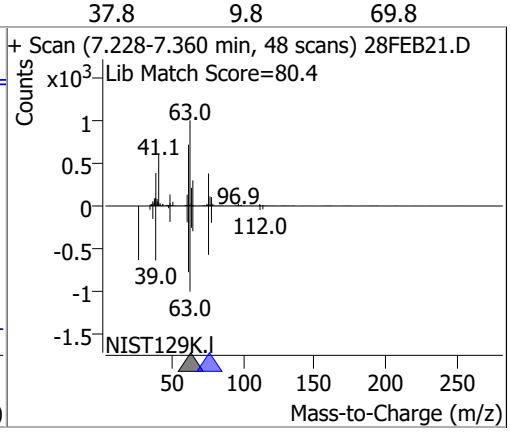




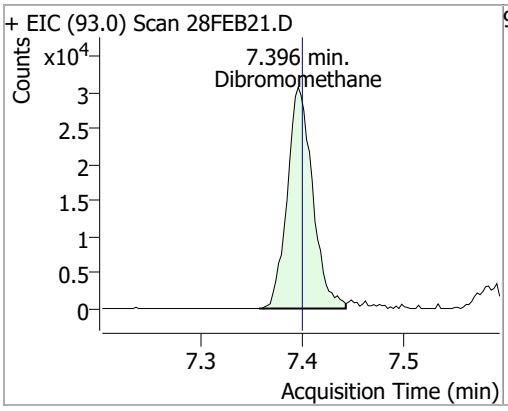
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	124.8275	7.27	0.00	133283	76.0	37.8	9.8	69.8

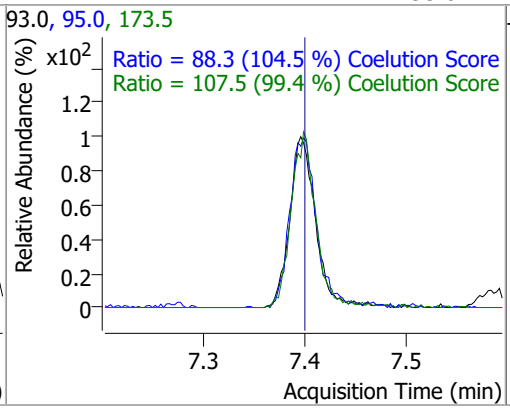


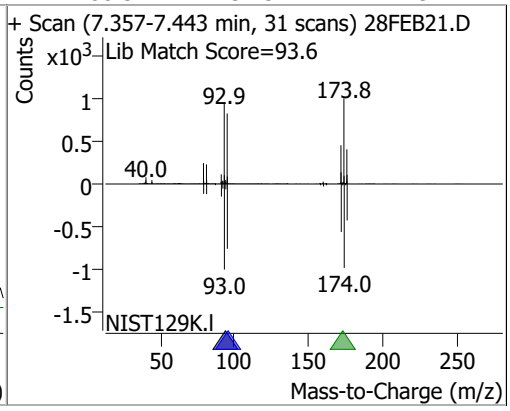




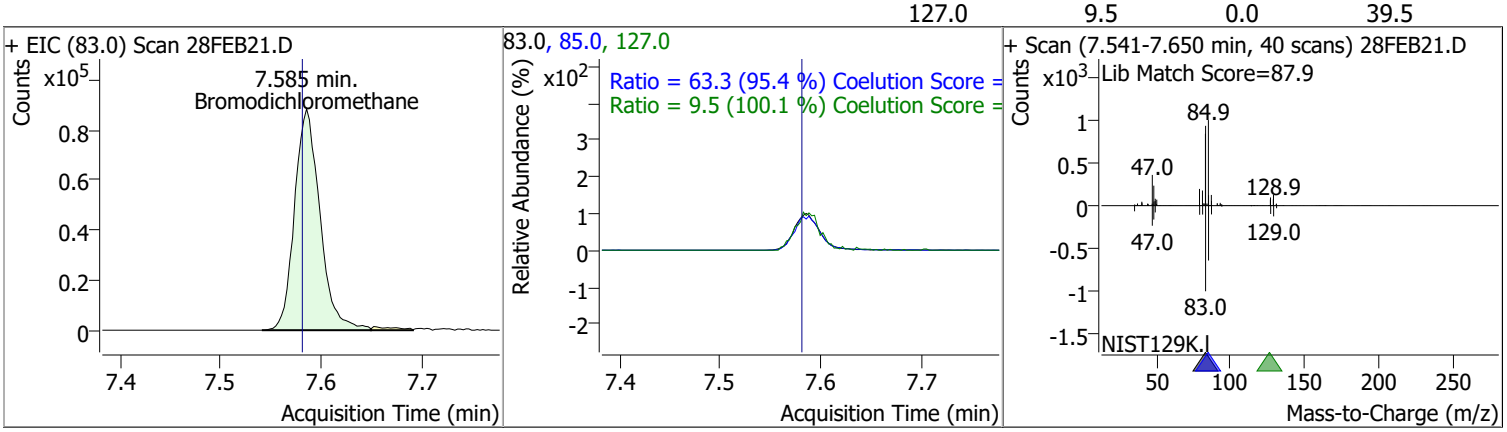
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	119.6830	7.40	0.00	53864	173.5	107.5	78.2	138.2
					95.0	88.3	54.5	114.5



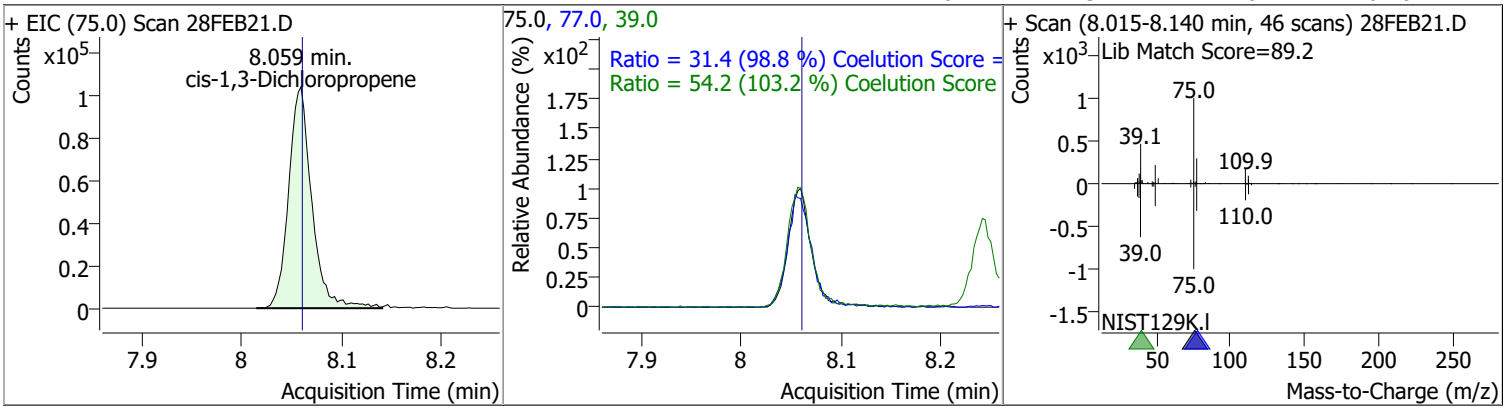




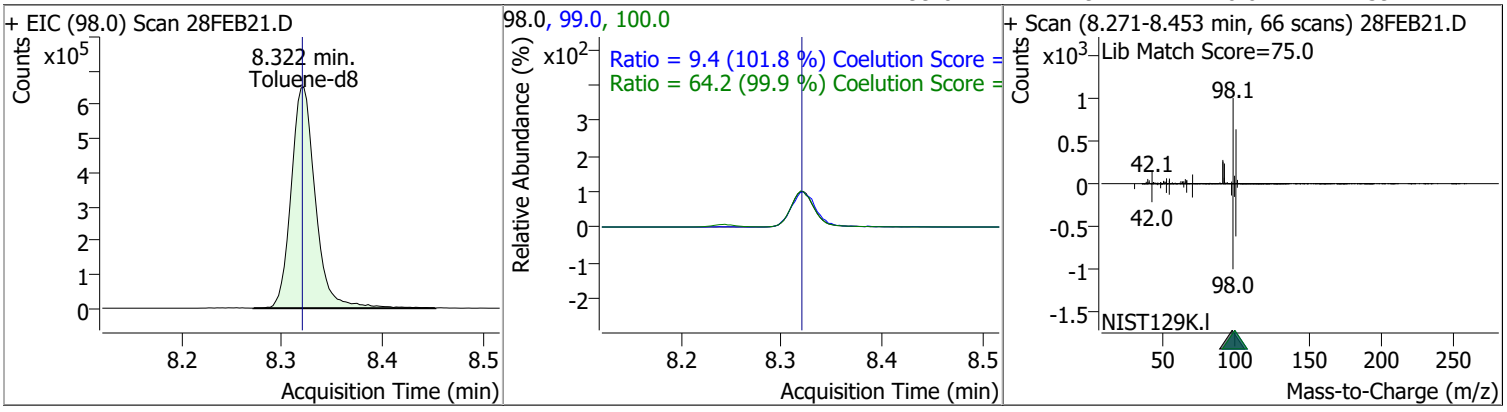
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	122.8319	7.59	0.01	155449	85.0	63.3	36.3	96.3
					127.0	9.5	0.0	39.5



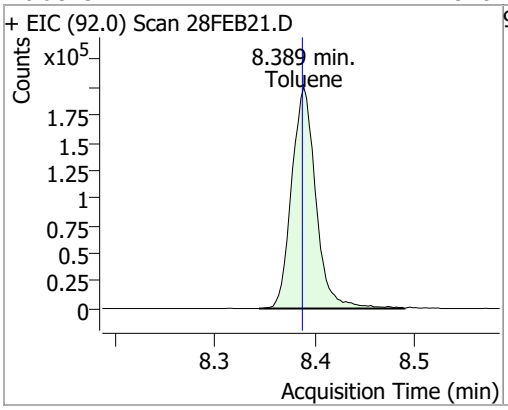
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	119.9091	8.06	0.00	166520	39.0	54.2	22.5	82.5
					77.0	31.4	1.8	61.8

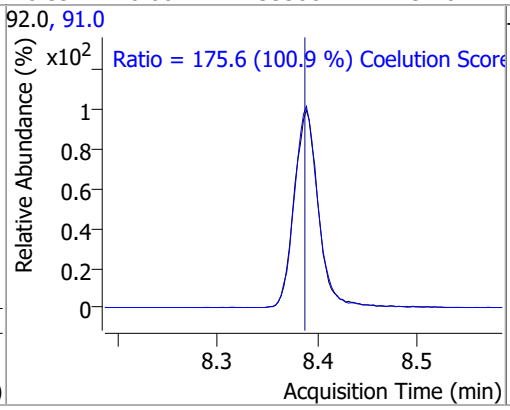


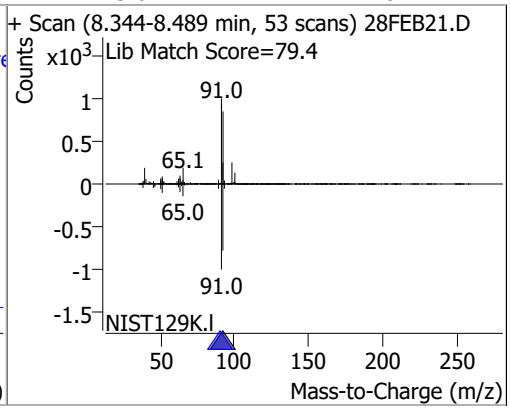
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	277.3732	8.32	0.00	1097709	100.0	64.2	34.3	94.3
					99.0	9.4	0.0	39.2



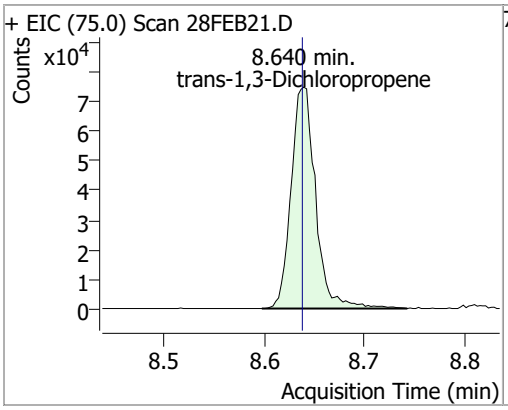
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	127.2978	8.39	0.00	335802	91.0	175.6	144.1	204.1

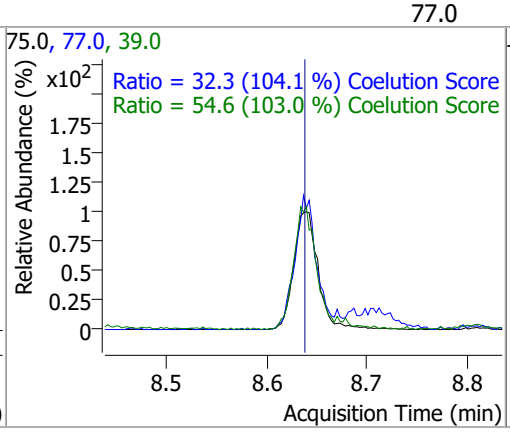


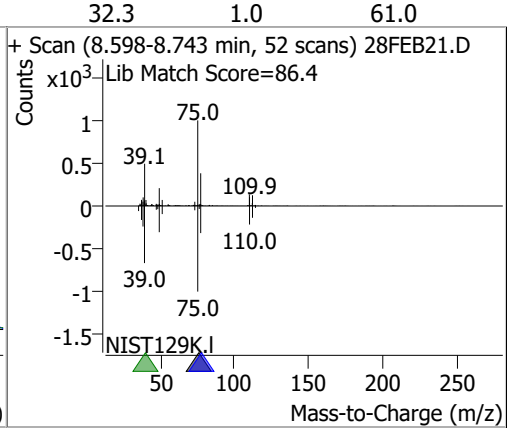




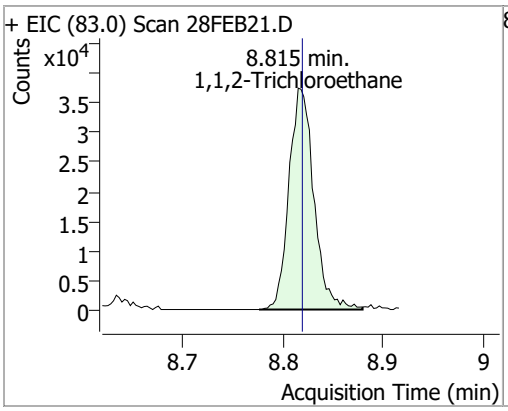
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	125.7929	8.64	0.00	127424	39.0	54.6	23.0	83.0
					77.0	32.3	1.0	61.0

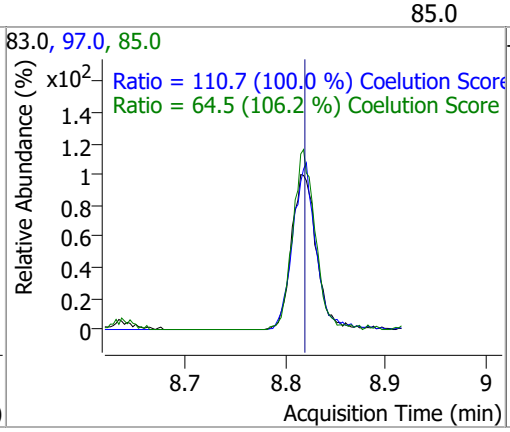


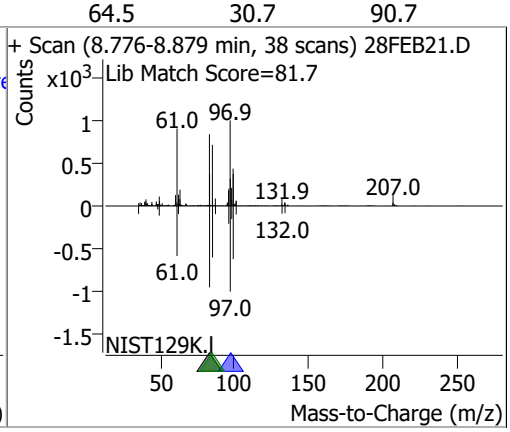




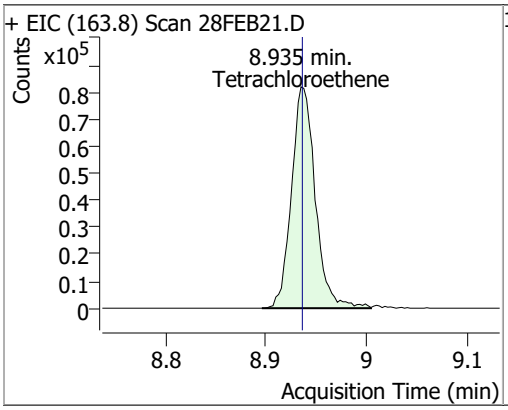
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	125.6024	8.82	0.00	64695	97.0	110.7	80.7	140.7
					85.0	64.5	30.7	90.7

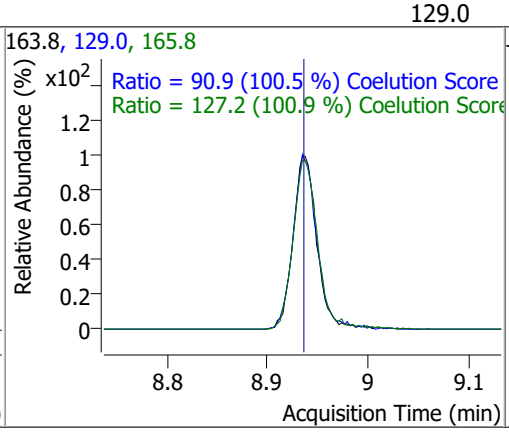


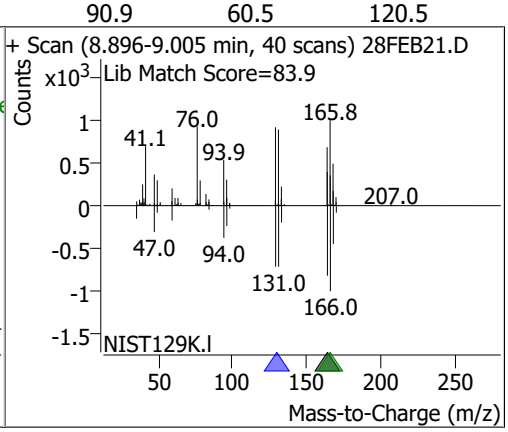




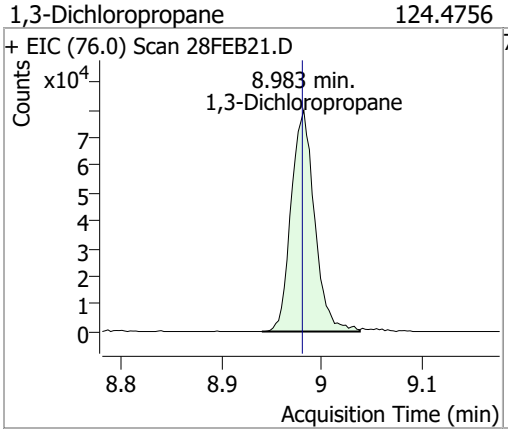
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	126.2906	8.94	0.00	135092	165.8	127.2	96.1	156.1
					129.0	90.9	60.5	120.5

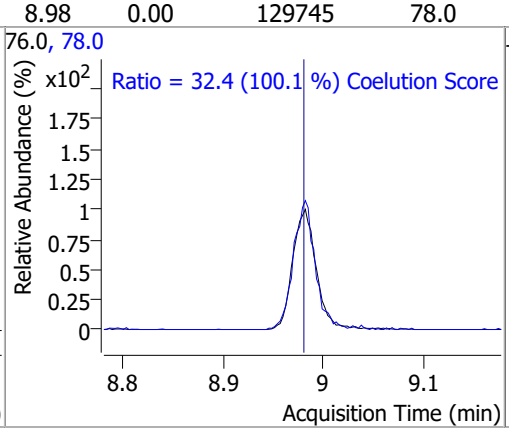


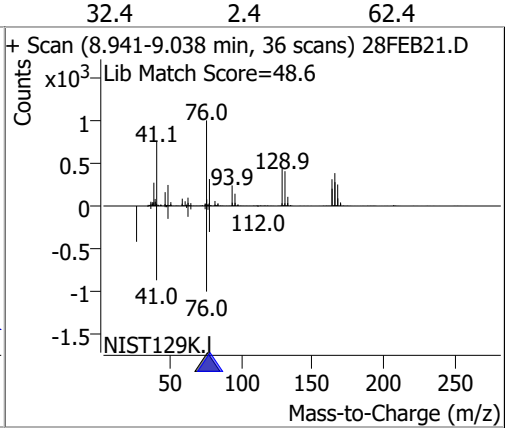




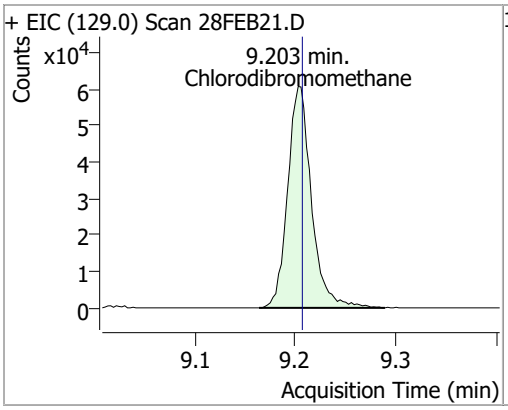
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	124.4756	8.98	0.00	129745	78.0	32.4	2.4	62.4

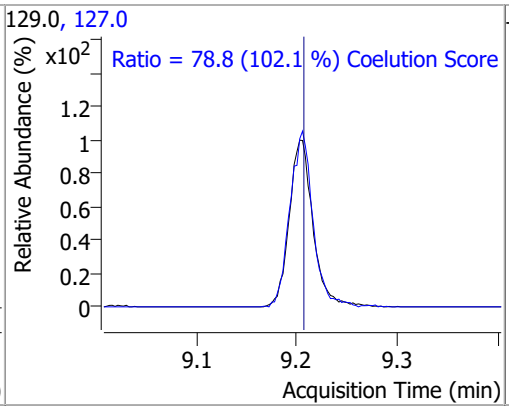


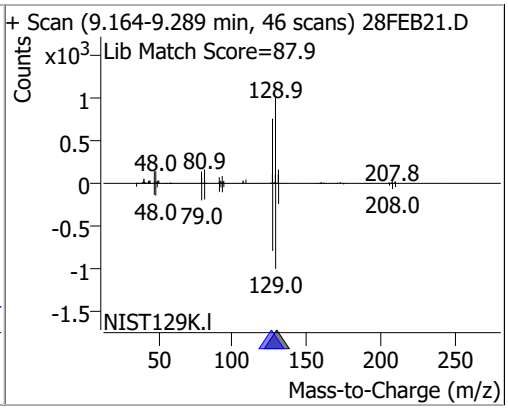




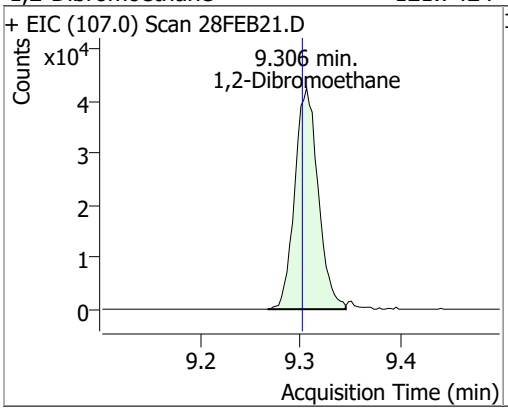
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	120.6716	9.20	0.00	100102	127.0	78.8	47.2	107.2

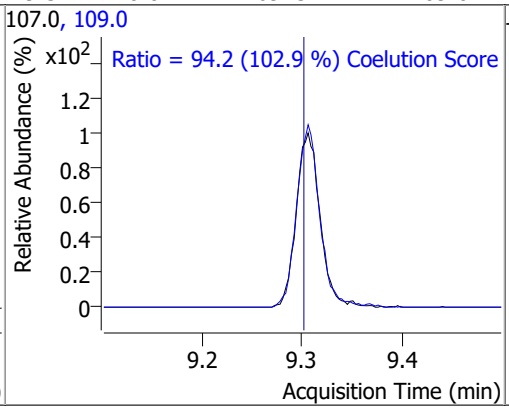


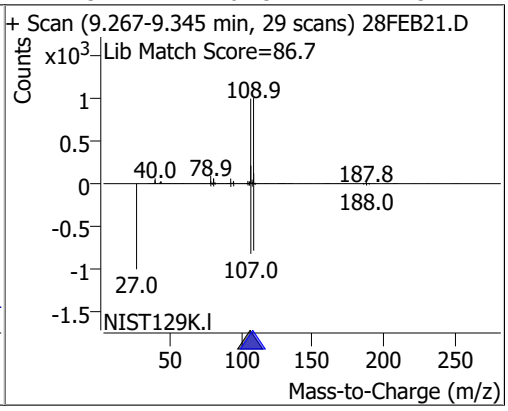




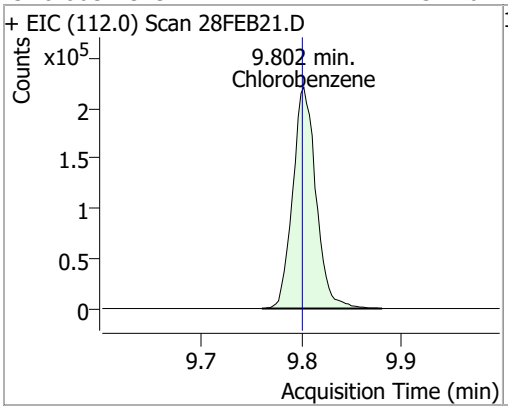
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	121.7424	9.31	0.01	69257	109.0	94.2	61.5	121.5

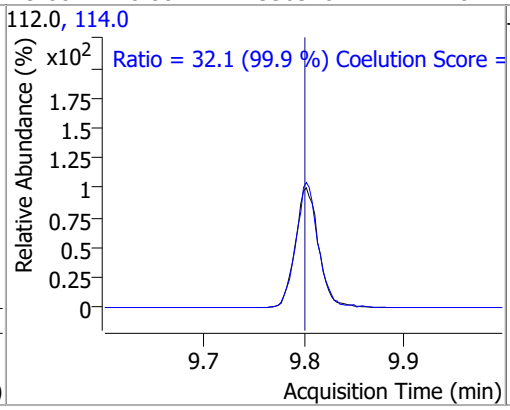


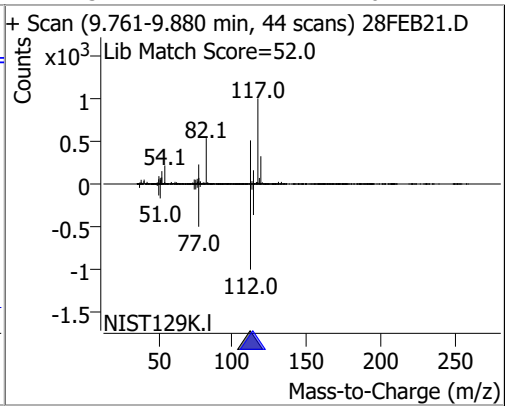




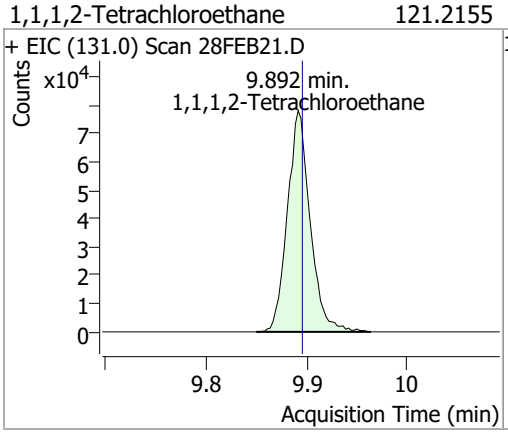
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	123.2161	9.80	0.00	356316	114.0	32.1	2.2	62.2

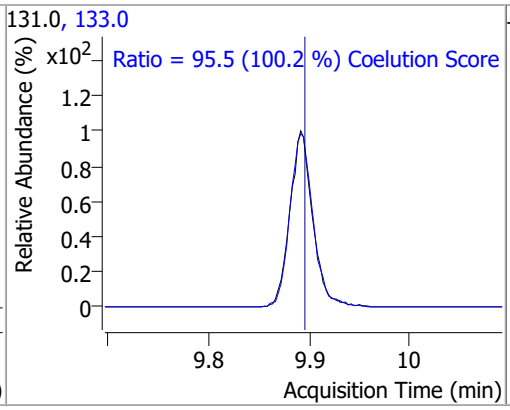


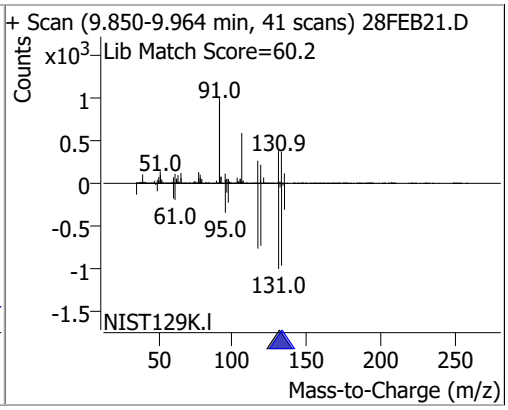




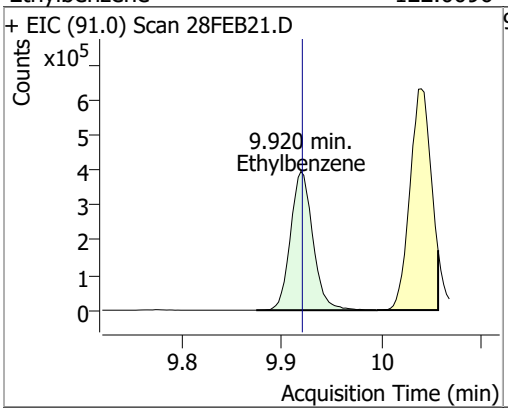
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	121.2155	9.89	0.00	122989	133.0	95.5	65.3	125.3

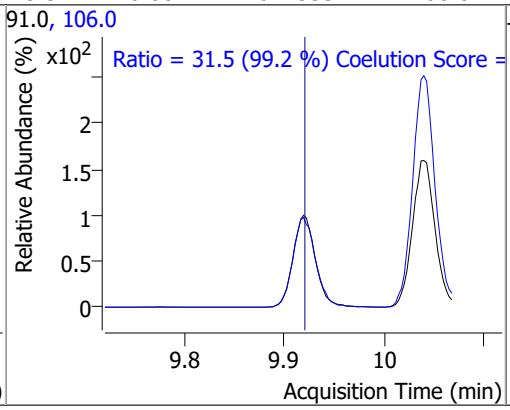


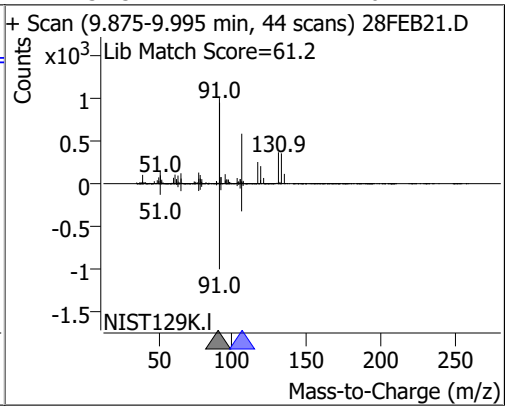




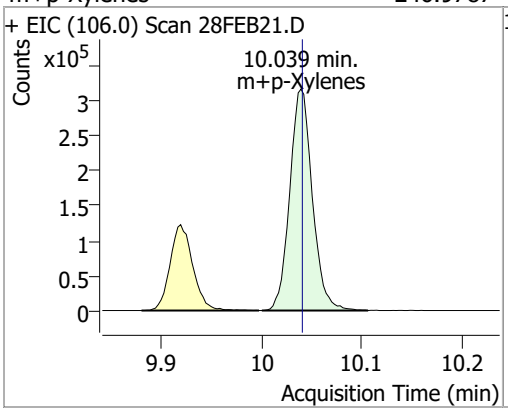
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	122.0096	9.92	0.00	614333	106.0	31.5	1.7	61.7

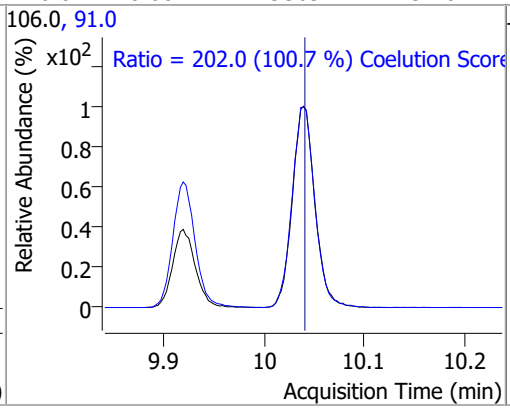


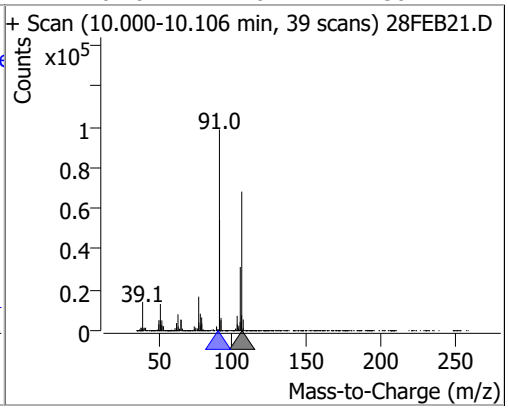




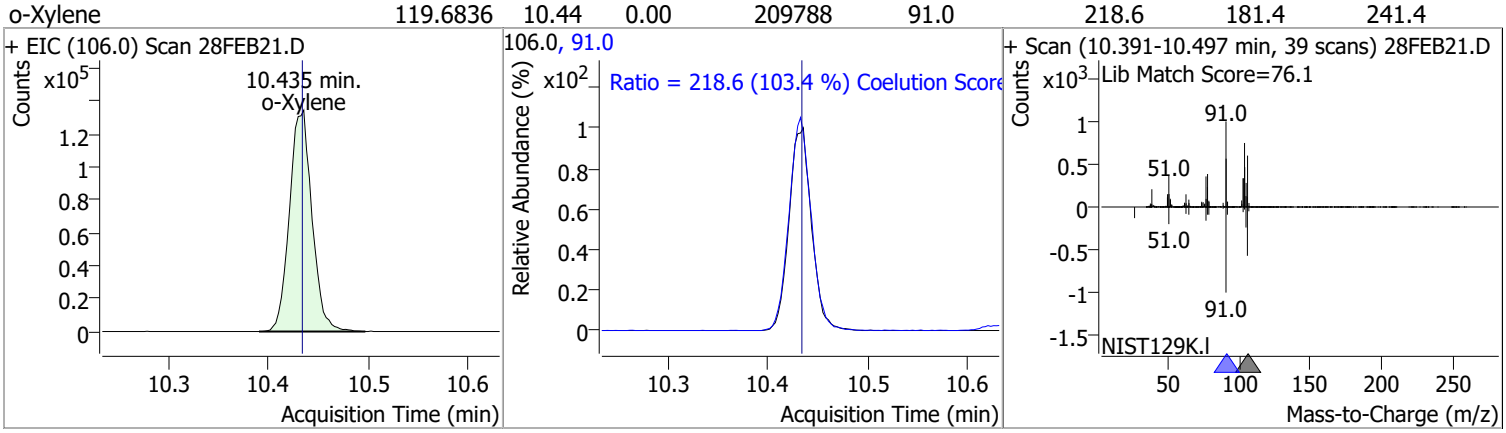
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	246.9787	10.04	0.00	495692	91.0	202.0	170.7	230.7



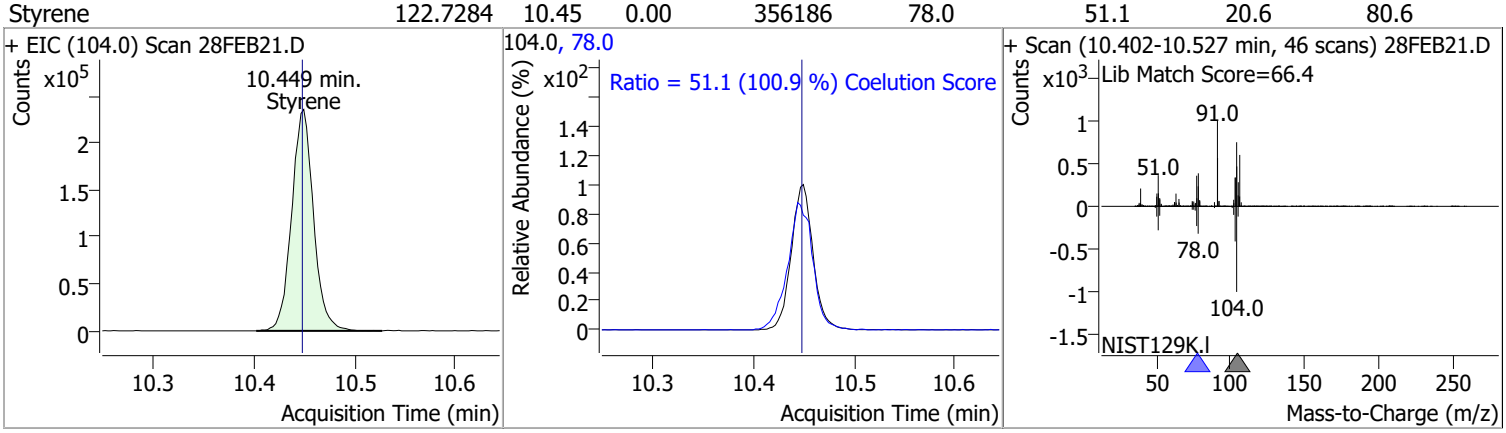




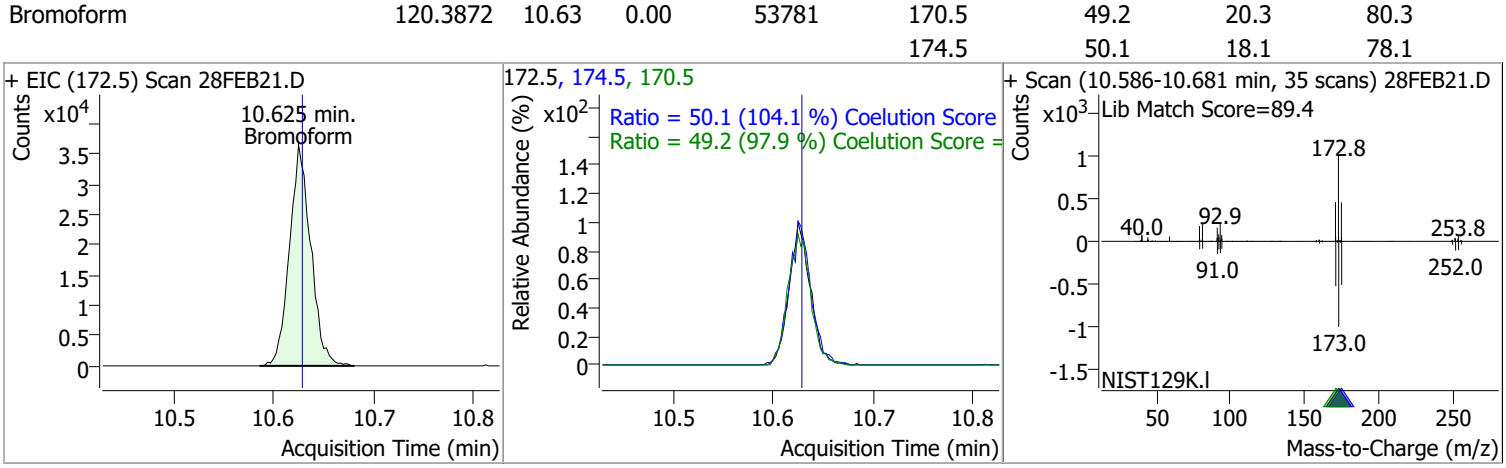
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	119.6836	10.44	0.00	209788	91.0	218.6	181.4	241.4



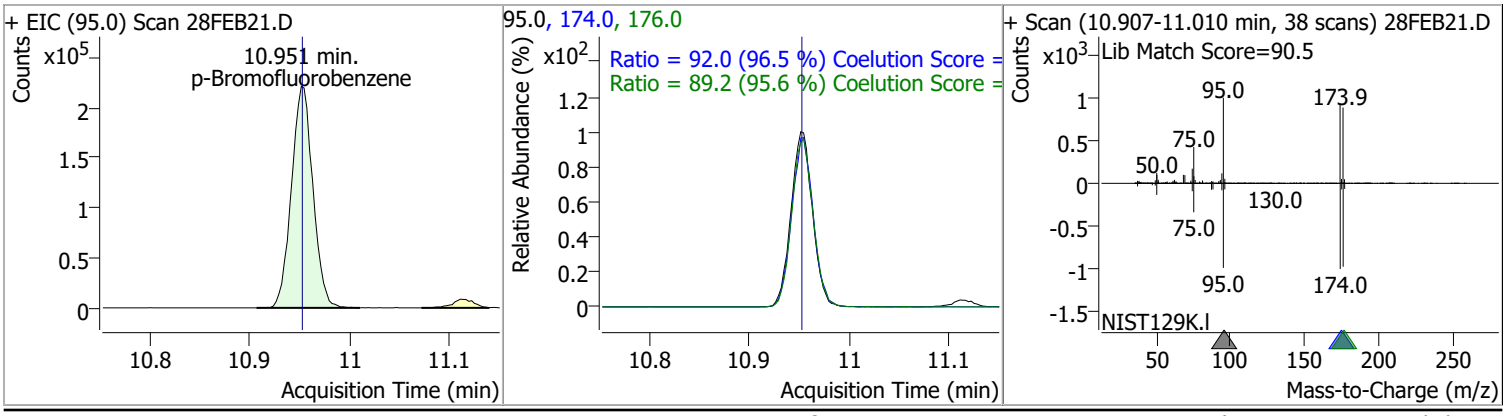
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	122.7284	10.45	0.00	356186	78.0	51.1	20.6	80.6



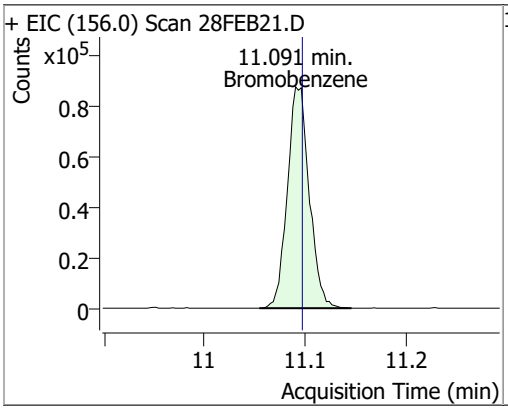
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	120.3872	10.63	0.00	53781	170.5	49.2	20.3	80.3
					174.5	50.1	18.1	78.1

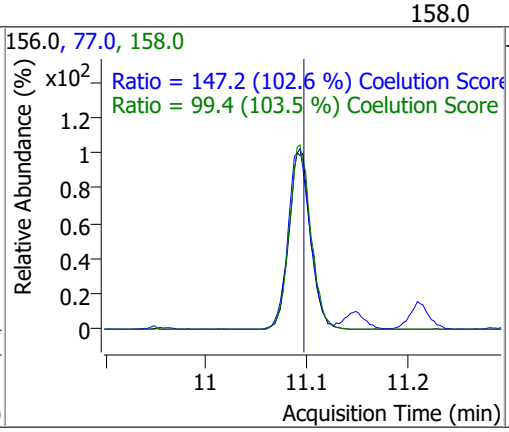


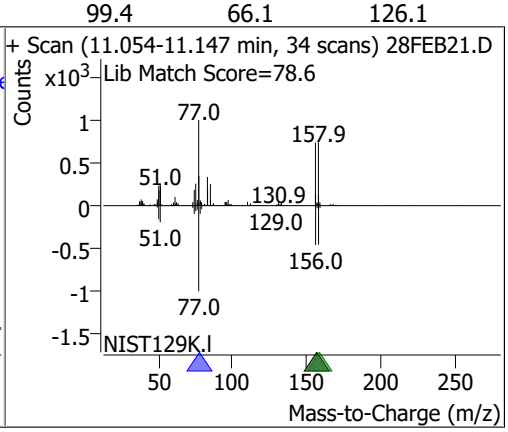
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	267.7737	10.95	0.00	329614	174.0	92.0	65.3	125.3
					176.0	89.2	63.3	123.3



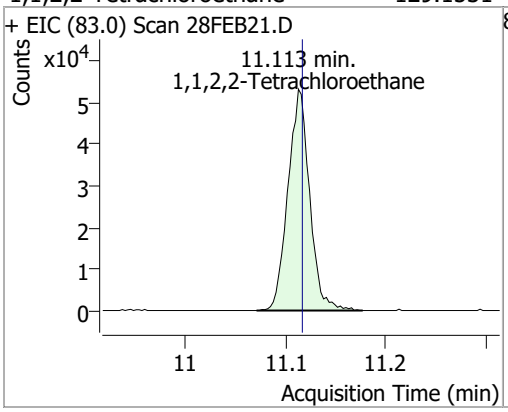
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	122.7029	11.09	0.00	133197	77.0	147.2	113.5	173.5
					158.0	99.4	66.1	126.1

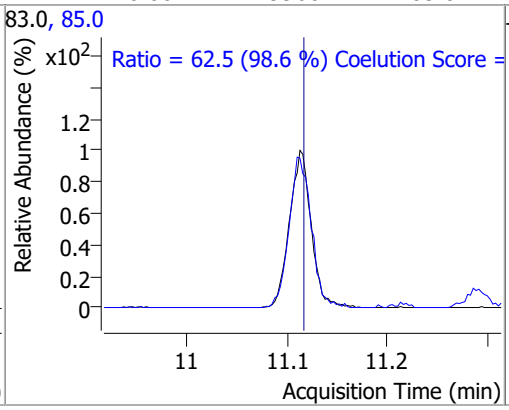


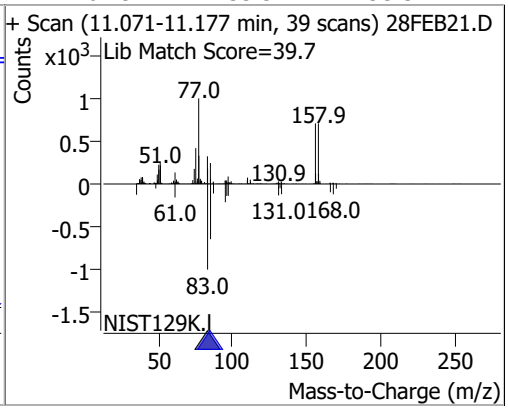




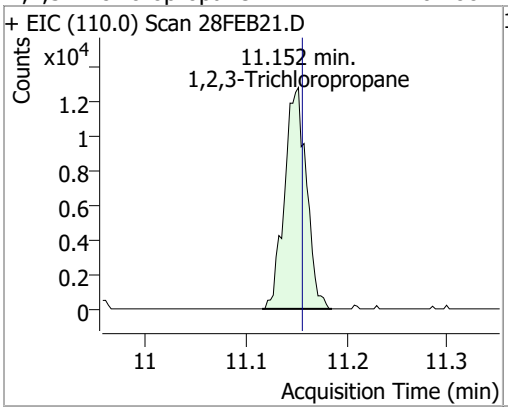
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	129.1531	11.11	0.00	79968	85.0	62.5	33.3	93.3

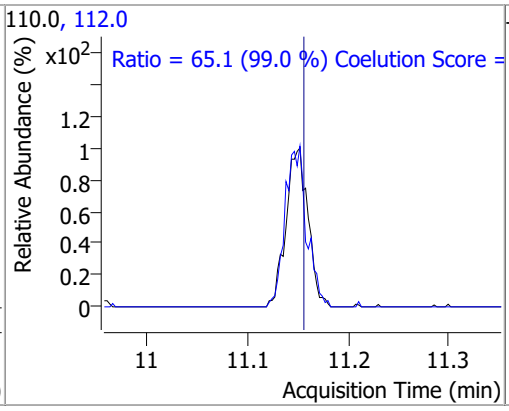


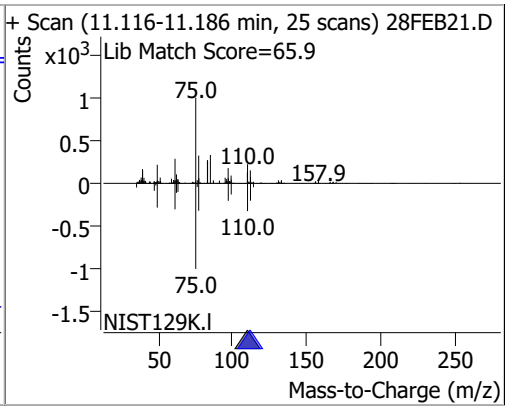




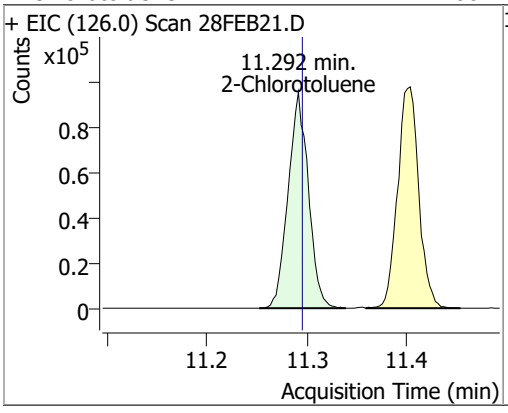
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	120.1884	11.15	0.00	19552	112.0	65.1	35.8	95.8

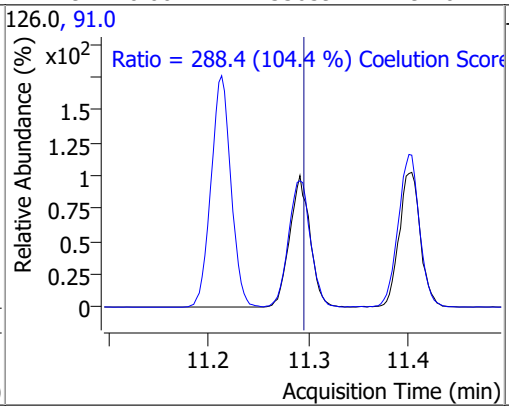


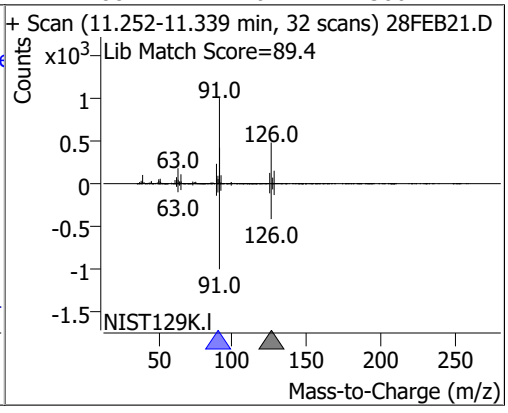




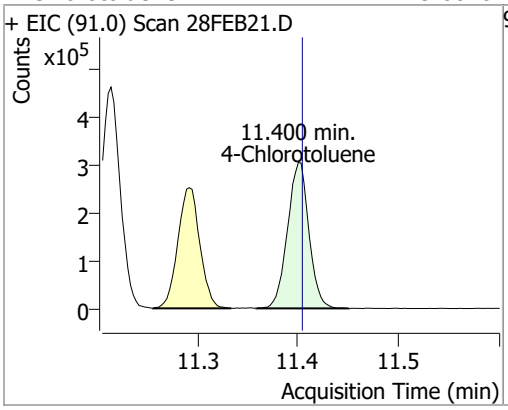
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	124.4081	11.29	0.00	133659	91.0	288.4	246.2	306.2

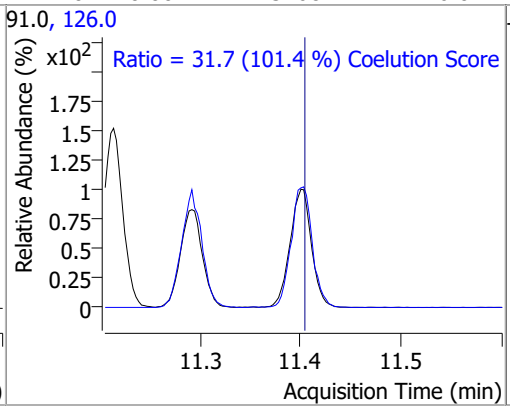


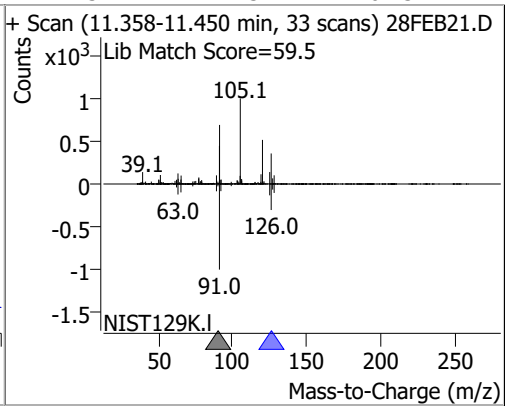




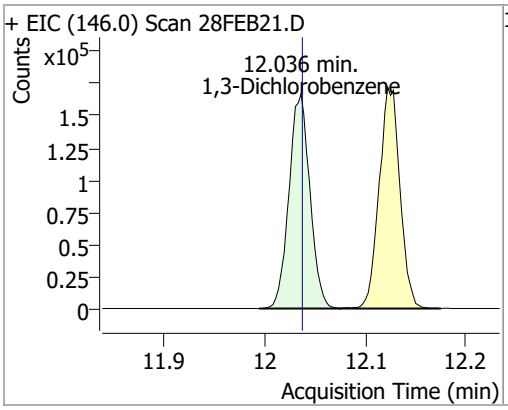
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	129.8028	11.40	0.00	451682	126.0	31.7	1.3	61.3

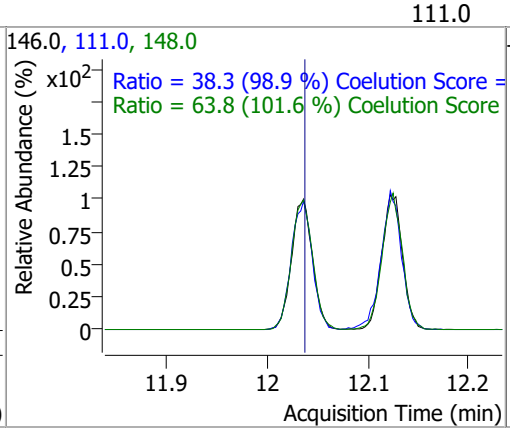


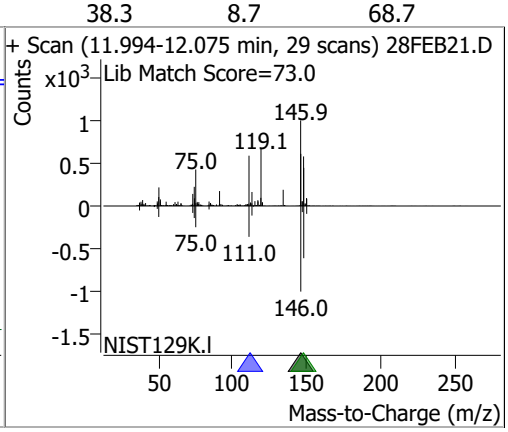




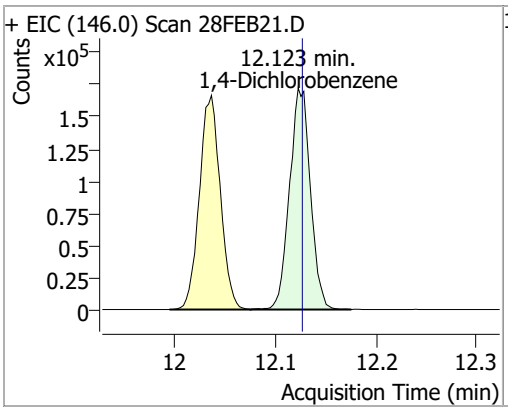
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	122.7490	12.04	0.00	241418	148.0	63.8	32.8	92.8
					111.0	38.3	8.7	68.7

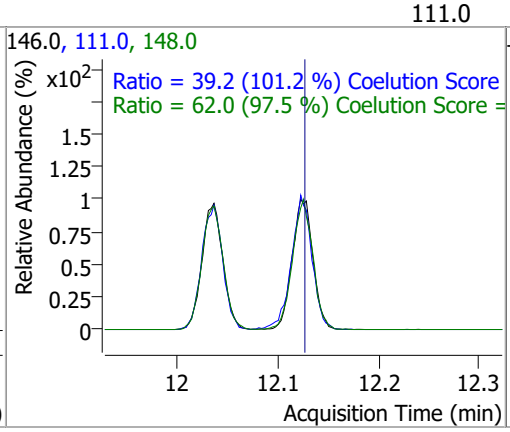


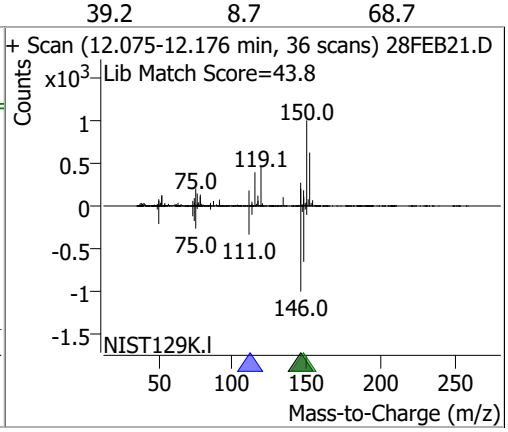




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	124.2187	12.12	0.00	249068	148.0	62.0	33.7	93.7
					111.0	39.2	8.7	68.7

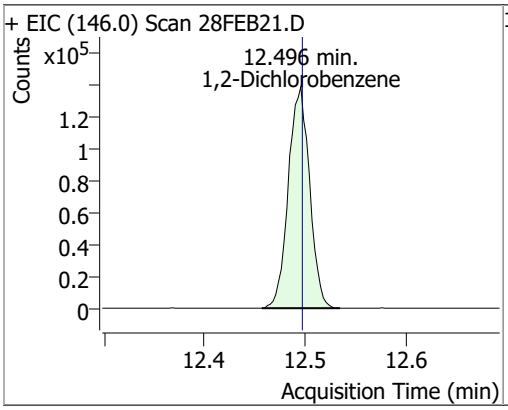


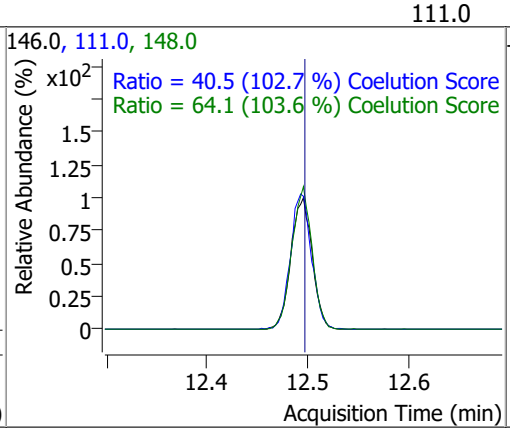


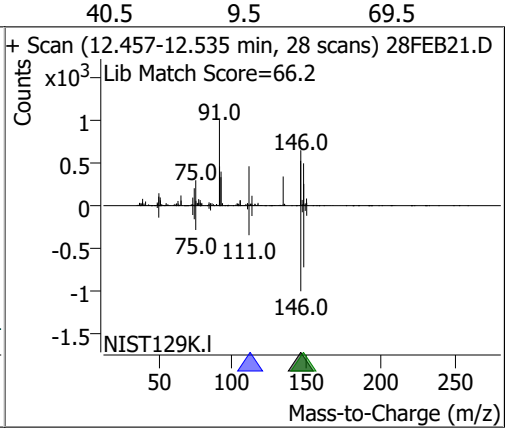


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	123.6719	12.50	0.00	203071	148.0	64.1	31.9	91.9
					111.0	40.5	9.5	69.5







Batch name and path: D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	2/28/2022 9:44:20 AM	Create new batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 9:44:28 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28FEB01.D			✓	
CmdStartMethodEditing	BL2000\mchavez	2/28/2022 9:44:53 AM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\mchavez	2/28/2022 9:44:54 AM	Import method from batch D:\Org\Data\VOA5975C\VG022522\VG022522_8260B.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	2/28/2022 9:44:58 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	2/28/2022 9:44:58 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	2/28/2022 9:44:58 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 9:45:02 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 9:45:52 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28FEB02.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 9:46:19 AM	Set SampleType = TuneCheck for sample 28FEB02.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 9:47:50 AM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 11:06:35 AM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 11:07:03 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28FEB03.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 11:07:35 AM	Set SampleType = TuneCheck for sample 28FEB03.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 11:07:38 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	2/28/2022 11:09:41 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	2/28/2022 11:09:42 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	2/28/2022 11:10:03 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	2/28/2022 11:10:03 AM	Clear method			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdEndMethodEditing	BL2000\mchavez	2/28/2022 11:10:04 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 11:10:05 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 11:40:05 AM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 11:54:57 AM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 11:55:17 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28FEB04.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 11:55:22 AM	Set SampleType = CC for sample 28FEB04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 11:55:26 AM	Set LevelName = CC for sample 28FEB04.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 11:55:30 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 1:10:55 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28FEB06.D, D:\Org\Data\VOA5975C\VG022822\28FEB05.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 1:11:00 PM	Set SampleType = QC for sample 28FEB05.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 1:11:05 PM	Set LevelName = QC for sample 28FEB05.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 1:11:08 PM	Set SampleInformation = LCSA for sample 28FEB05.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 1:11:15 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 1:31:55 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28FEB07.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	2/28/2022 1:32:03 PM	Set SampleType = Blank for sample 28FEB07.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 1:32:07 PM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 1:34:55 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 1:42:04 PM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 2:34:56 PM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 2:35:18 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28 FEB09.D, D:\Org\Data\VOA5975C\VG022822\28 FEB08.D			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 2:35:28 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 2:41:48 PM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 3:40:52 PM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 3:41:22 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28 FEB11.D, D:\Org\Data\VOA5975C\VG022822\28 FEB10.D			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 3:41:32 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 3:58:21 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28 FEB12.D			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 3:58:30 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 4:03:16 PM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	2/28/2022 5:10:24 PM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	2/28/2022 5:11:36 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28 FEB15.D, D:\Org\Data\VOA5975C\VG022822\28 FEB14.D, D:\Org\Data\VOA5975C\VG022822\28 FEB13.D			✓	
CmdQuantitate	BL2000\mchavez	2/28/2022 5:12:15 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	2/28/2022 5:13:23 PM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/1/2022 10:10:00 PM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	3/1/2022 10:10:34 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG022822\28FEB22.D, D:\Org\Data\VOA5975C\VG022822\28FEB21.D, D:\Org\Data\VOA5975C\VG022822\28FEB20.D, D:\Org\Data\VOA5975C\VG022822\28FEB19.D, D:\Org\Data\VOA5975C\VG022822\28FEB18.D, D:\Org\Data\VOA5975C\VG022822\28FEB17.D, D:\Org\Data\VOA5975C\VG022822\28FEB16.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:10:49 PM	Set SampleType = CC for sample 28FEB21.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:10:55 PM	Set LevelName = CC for sample 28FEB21.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/1/2022 10:11:05 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:12:26 PM	Set SampleType = Matrix for sample 28FEB18.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:12:31 PM	Set SampleType = MatrixDup for sample 28FEB19.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:12:38 PM	Set SampleInformation = MatrixA for sample 28FEB18.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:12:46 PM	Set SampleInformation = MatrixA for sample 28FEB19.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:12:49 PM	Set MatrixSpikeGroup = 11 for sample 28FEB18.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:12:51 PM	Set MatrixSpikeGroup = 11 for sample 28FEB19.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:13:14 PM	Manually integrate compound Toluene in sample 28FEB14.D from x, y = 8.366, 0 to 8.408, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-002A. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-002A. ---> 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)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/1/2022 10:13:20 PM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB14.D from x, y = 8.355, 0 to 8.414, 0; result = 0			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:13:25 PM	Manually integrate compound Toluene in sample 28FEB14.D from x, y = 8.366, 0 to 8.405, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-002A. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-002A. ---> 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)
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:13:40 PM	Manually integrate compound Toluene in sample 28FEB15.D from x, y = 8.358, 0 to 8.430, 0; result = 2036			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/1/2022 10:13:45 PM	Set UserAnnotation = NI for compound Toluene in sample 28FEB15.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:13:52 PM	Manually integrate compound Toluene in sample 28FEB14.D from x, y = 8.352, 0 to 8.419, 0; result = 1277			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/1/2022 10:13:56 PM	Set UserAnnotation = NI for compound Toluene in sample 28FEB14.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:14:06 PM	Manually integrate compound Toluene in sample 28FEB16.D from x, y = 8.363, 0 to 8.416, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-012A. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-012A. ---> 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)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/1/2022 10:14:13 PM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB16.D from x, y = 8.349, 0 to 8.433, 0; result = 0			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:14:18 PM	Manually integrate compound Toluene in sample 28FEB16.D from x, y = 8.366, 0 to 8.416, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-012A. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-012A. ---> 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)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/1/2022 10:14:26 PM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB16.D from x, y = 8.352, 0 to 8.422, 0; result = 0			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:14:38 PM	Manually integrate compound Toluene in sample 28FEB17.D from x, y = 8.369, 0 to 8.411, 0; result = 985			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/1/2022 10:14:42 PM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB17.D from x, y = 8.363, 0 to 8.430, 0; result = 1576			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/1/2022 10:14:46 PM	Set UserAnnotation = NI for compound Toluene in sample 28FEB17.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/1/2022 10:15:01 PM	Manually integrate compound Toluene in sample 28FEB16.D from x, y = 8.349, 0 to 8.428, 0; result = 1147			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/1/2022 10:15:07 PM	Set UserAnnotation = NI for compound Toluene in sample 28FEB16.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:15:25 PM	Set MatrixSpikeGroup = 11 for sample 28FEB10.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/1/2022 10:15:39 PM	Set SampleType = MatrixBlank for sample 28FEB10.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	3/1/2022 10:15:52 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/1/2022 10:19:21 PM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/6/2022 10:19:24 PM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:23:05 PM	Set SampleApproved = True for sample 28FEB04.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:24:56 PM	Set SampleApproved = True for sample 28FEB05.D; previous value = False			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/6/2022 10:26:25 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB07.D from x, y = 3.280, 0 to 3.386, 0; result = 3343			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/6/2022 10:26:28 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 28FEB07.D from x, y = 3.277, 0 to 3.413, 0; result = 2415			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	3/6/2022 10:26:45 PM	Manually integrate compound Chloroform in sample 28FEB07.D from x, y = 5.630, 0 to 5.689, 0; result = 355			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	3/6/2022 10:26:47 PM	Set UserAnnotation = NI for compound Chloroform in sample 28FEB07.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/6/2022 10:26:50 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 28FEB07.D from x, y = 5.616, 0 to 5.703, 0; result = 184			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	3/6/2022 10:27:04 PM	Manually integrate compound Benzene in sample 28FEB07.D from x, y = 6.247, 0 to 6.319, 0; result = 404			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/6/2022 10:27:08 PM	Manually integrate qualifier77.0 of compound Benzene in sample 28FEB07.D from x, y = 6.255, 0 to 6.316, 0; result = 26			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	3/6/2022 10:27:22 PM	Set UserAnnotation = NI for compound Benzene in sample 28FEB07.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	3/6/2022 10:28:02 PM	Manually integrate compound m+p-Xylenes in sample 28FEB07.D from x, y = 10.009, 0 to 10.070, 0; result = 114			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/6/2022 10:28:05 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 28FEB07.D from x, y = 10.006, 0 to 10.087, 0; result = 221			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	3/6/2022 10:28:12 PM	Set UserAnnotation = NI for compound m+p-Xylenes in sample 28FEB07.D; previous value =			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	3/6/2022 10:28:37 PM	Set UserAnnotation = for compound m+p-Xylenes in sample 28FEB07.D; previous value = NI			✓	
CmdZeroOutPeak	BL2000\mchavez	3/6/2022 10:28:41 PM	Zero out primary peak of compound m+p-Xylenes in sample 28FEB07.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:29:33 PM	Set UserDefined = Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit for sample 28FEB07.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:30:03 PM	Set SampleApproved = True for sample 28FEB07.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/6/2022 10:30:28 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:32:16 PM	Set SampleApproved = True for sample 28FEB18.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:33:57 PM	Set SampleApproved = True for sample 28FEB19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:35:07 PM	Set SampleApproved = True for sample 28FEB21.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:35:41 PM	Manually integrate compound Chloromethane in sample 28FEB08.D from x, y = 1.375, 0 to 1.422, 0; result = 484			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:35:47 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 28FEB08.D from x, y = 1.380, 0 to 1.428, 0; result = 91			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/6/2022 10:36:03 PM	Set UserAnnotation = NI for compound Chloromethane in sample 28FEB08.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:36:15 PM	Manually integrate compound Methylene chloride in sample 28FEB08.D from x, y = 3.271, 0 to 3.391, 0; result = 1020			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/6/2022 10:36:17 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 28FEB08.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:36:21 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB08.D from x, y = 3.254, 0 to 3.399, 0; result = 520			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:36:24 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 28FEB08.D from x, y = 3.319, 0 to 3.380, 0; result = 189			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:37:01 PM	Manually integrate compound Toluene in sample 28FEB08.D from x, y = 8.363, 0 to 8.408, 0; result = 31			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:37:04 PM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB08.D from x, y = 8.363, 0 to 8.408, 0; result = 154			✓	
CmdZeroOutPeak	BL2000\mchavez	3/6/2022 10:37:08 PM	Zero out primary peak of compound Toluene in sample 28FEB08.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:37:33 PM	Set UserDefined = Qualifier ratio did not meet method requirements for Toluene for sample 28FEB08.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:37:54 PM	Manually integrate compound m+p-Xylenes in sample 28FEB08.D from x, y = 10.022, 0 to 10.075, 0; result = 30			✓	
CmdZeroOutPeak	BL2000\mchavez	3/6/2022 10:38:00 PM	Zero out primary peak of compound m+p-Xylenes in sample 28FEB08.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:38:49 PM	Set UserDefined = Qualifier ratio did not meet method requirements for Toluene. Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit for sample 28FEB08.D; previous value = Qualifier ratio did not meet method requirements for Toluene			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:38:50 PM	Set SampleApproved = True for sample 28FEB08.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/6/2022 10:39:17 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:39:22 PM	Set SampleApproved = True for sample 28FEB03.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:39:50 PM	Manually integrate compound m+p-Xylenes in sample 28FEB09.D from x, y = 10.020, 0 to 10.064, 0; result = 62			✓	
CmdZeroOutPeak	BL2000\mchavez	3/6/2022 10:39:59 PM	Zero out primary peak of compound m+p-Xylenes in sample 28FEB09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:40:06 PM	Set UserDefined = Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit for sample 28FEB09.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:51:20 PM	Manually integrate compound Toluene in sample 28FEB09.D from x, y = 8.366, 0 to 8.411, 0; result = 161			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:51:26 PM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB09.D from x, y = 8.372, 0 to 8.422, 0; result = 527			✓	
CmdZeroOutPeak	BL2000\mchavez	3/6/2022 10:51:30 PM	Zero out primary peak of compound Toluene in sample 28FEB09.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:51:55 PM	Manually integrate compound Benzene in sample 28FEB09.D from x, y = 6.250, 0 to 6.328, 0; result = 473			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:52:00 PM	Manually integrate qualifier77.0 of compound Benzene in sample 28FEB09.D from x, y = 6.233, 0 to 6.314, 0; result = 193			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/6/2022 10:52:04 PM	Set UserAnnotation = NI for compound Benzene in sample 28FEB09.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/6/2022 10:55:10 PM	Manually integrate compound Methylene chloride in sample 28FEB09.D from x, y = 3.296, 0 to 3.380, 0; result = 808			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:55:14 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 28FEB09.D from x, y = 3.274, 0 to 3.372, 0; result = 138			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/6/2022 10:55:19 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB09.D from x, y = 3.291, 0 to 3.380, 0; result = 660			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/6/2022 10:55:24 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 28FEB09.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:55:41 PM	Set SampleApproved = True for sample 28FEB09.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/6/2022 10:56:05 PM	Set UserDefined = Qualifier ratio did not meet method requirements for Toluene. Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit for sample 28FEB09.D; previous value = Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit			✓	
CmdQuantitate	BL2000\mchavez	3/6/2022 10:56:22 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/6/2022 10:57:29 PM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/7/2022 9:27:16 AM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 9:27:50 AM	Manually integrate compound Methylene chloride in sample 28FEB10.D from x, y = 3.288, 0 to 3.375, 0; result = 766			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 9:27:52 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB10.D from x, y = 3.310, 0 to 3.383, 0; result = 266			✓	
CmdZeroOutPeak	BL2000\mchavez	3/7/2022 9:27:58 AM	Zero out primary peak of compound Methylene chloride in sample 28FEB10.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:28:16 AM	Set UserDefined = Qualifier ratio did not meet method requirements for for sample 28FEB10.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:28:32 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Methylene chloride for sample 28FEB10.D; previous value = Qualifier ratio did not meet method requirements for			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 9:29:15 AM	Manually integrate compound Toluene in sample 28FEB10.D from x, y = 8.363, 0 to 8.436, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-011F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-011F. ---> 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	3/7/2022 9:29:20 AM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB10.D from x, y = 8.361, 0 to 8.422, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22021763-011F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22021763-011F. ---> 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
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 9:29:24 AM	Manually integrate compound Toluene in sample 28FEB10.D from x, y = 8.358, 0 to 8.433, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-011F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-011F. ---> 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
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 9:30:18 AM	Manually integrate compound Toluene in sample 28FEB10.D from x, y = 8.361, 0 to 8.425, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-011F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22021763-011F. ---> 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	3/7/2022 9:30:32 AM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB10.D from x, y = 8.363, 0 to 8.428, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22021763-011F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22021763-011F. ---> 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	3/7/2022 9:30:37 AM	Manually integrate compound Toluene in sample 28FEB10.D from x, y = 8.352, 0 to 8.430, 0; result = 735			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 9:30:42 AM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB10.D from x, y = 8.355, 0 to 8.425, 0; result = 1120			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 9:30:46 AM	Set UserAnnotation = NI for compound Toluene in sample 28FEB10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 9:31:10 AM	Manually integrate compound m+p-Xylenes in sample 28FEB10.D from x, y = 10.017, 0 to 10.078, 0; result = 304			✓	
CmdZeroOutPeak	BL2000\mchavez	3/7/2022 9:31:16 AM	Zero out primary peak of compound m+p-Xylenes in sample 28FEB10.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:31:28 AM	Set UserDefined = Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit for sample 28FEB11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:31:37 AM	Set UserDefined = for sample 28FEB11.D; previous value = Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:31:56 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Methylene chloride. Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit for sample 28FEB10.D; previous value = Qualifier ratio did not meet method requirements for Methylene chloride			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 9:32:07 AM	Manually integrate compound o-Xylene in sample 28FEB10.D from x, y = 10.391, 0 to 10.483, 0; result = 527			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 9:32:10 AM	Manually integrate qualifier91.0 of compound o-Xylene in sample 28FEB10.D from x, y = 10.388, 0 to 10.480, 0; result = 1458			✓	
CmdZeroOutPeak	BL2000\mchavez	3/7/2022 9:32:13 AM	Zero out primary peak of compound o-Xylene in sample 28FEB10.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:32:29 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Methylene chloride, o-Xylene. Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit for sample 28FEB10.D; previous value = Qualifier ratio did not meet method requirements for Methylene chloride. Area counts of m+p Xylenes too low for quantitation due to quadratic curve fit			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:32:49 AM	Set SampleApproved = True for sample 28FEB10.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/7/2022 9:33:07 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	3/7/2022 9:43:29 AM	Manually integrate compound Toluene in sample 28FEB11.D from x, y = 8.360, 0 to 8.425, 0; result = 519			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 9:43:31 AM	Manually integrate qualifier91.0 of compound Toluene in sample 28FEB11.D from x, y = 8.363, 0 to 8.436, 0; result = 643			✓	
CmdZeroOutPeak	BL2000\mchavez	3/7/2022 9:43:35 AM	Zero out primary peak of compound Toluene in sample 28FEB11.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:43:48 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Toluene. for sample 28FEB11.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	3/7/2022 9:59:08 AM	Manually integrate compound Methylene chloride in sample 28FEB11.D from x, y = 3.274, 0 to 3.411, 0; result = 1288			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 9:59:11 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB11.D from x, y = 3.296, 0 to 3.383, 0; result = 641			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 9:59:13 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 28FEB11.D from x, y = 3.291, 0 to 3.374, 0; result = 98			✓	
CmdZeroOutPeak	BL2000\mchavez	3/7/2022 9:59:16 AM	Zero out primary peak of compound Methylene chloride in sample 28FEB11.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:59:29 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Toluene, Methylene chloride. for sample 28FEB11.D; previous value = Qualifier ratio did not meet method requirements for Toluene.			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 9:59:49 AM	Set SampleApproved = True for sample 28FEB11.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 9:59:54 AM	Manually integrate compound Chloromethane in sample 28FEB11.D from x, y = 1.383, 0 to 1.431, -9; result = 461			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 9:59:58 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 28FEB11.D from x, y = 1.397, 0 to 1.425, -6; result = 116			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:00:09 AM	Manually integrate compound Chloromethane in sample 28FEB11.D, from x, y = 1.383, 0 to 1.425, -3, result = 424; previous integration is from x, y = 1.383, 0 to 1.431, -9 and previous response = 461.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:00:18 AM	Manually integrate compound Chloromethane in sample 28FEB11.D, from x, y = 1.383, 0 to 1.428, 0, result = 421; previous integration is from x, y = 1.383, 0 to 1.425, -3 and previous response = 424.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:00:23 AM	Manually integrate qualifier 52.0 of compound Chloromethane in sample 28FEB11.D, from x, y = 1.397, 0 to 1.420, 0, result = 86; previous integration is from x, y = 1.397, 0 to 1.425, -6 and previous response = 116.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:00:35 AM	Set UserAnnotation = NI for compound Chloromethane in sample 28FEB11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:01:17 AM	Manually integrate compound Methylene chloride in sample 28FEB12.D from x, y = 3.302, 0 to 3.380, 0; result = 508			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:01:19 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB12.D from x, y = 3.282, 0 to 3.377, 0; result = 579			✓	
CmdZeroOutPeak	BL2000\mchavez	3/7/2022 10:01:24 AM	Zero out primary peak of compound Methylene chloride in sample 28FEB12.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:01:50 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Toluene, Methylene chloride. for sample 28FEB12.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:02:00 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Methylene chloride. for sample 28FEB12.D; previous value = Qualifier ratio did not meet method requirements for Toluene, Methylene chloride.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:02:22 AM	Manually integrate compound Carbon tetrachloride in sample 28FEB12.D from x, y = 5.987, 0 to 6.068, 0; result = 921			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:02:25 AM	Manually integrate qualifier119.0 of compound Carbon tetrachloride in sample 28FEB12.D from x, y = 5.990, 0 to 6.065, 0; result = 855			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:02:28 AM	Manually integrate qualifier121.0 of compound Carbon tetrachloride in sample 28FEB12.D from x, y = 5.943, 0 to 6.082, 0; result = 187			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:02:32 AM	Set UserAnnotation = NI for compound Carbon tetrachloride in sample 28FEB12.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:03:11 AM	Manually integrate compound Chlorodibromomethane in sample 28FEB12.D from x, y = 9.175, 0 to 9.244, 0; result = 350			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:03:14 AM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 28FEB12.D from x, y = 9.172, 0 to 9.233, 0; result = 404			✓	
CmdZeroOutPeak	BL2000\mchavez	3/7/2022 10:03:18 AM	Zero out primary peak of compound Chlorodibromomethane in sample 28FEB12.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:03:35 AM	Set UserDefined = Qualifier ratio did not meet method requirements for Methylene chloride, Chlorodibromomethane. for sample 28FEB12.D; previous value = Qualifier ratio did not meet method requirements for Methylene chloride.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:03:53 AM	Manually integrate compound Bromoform in sample 28FEB12.D from x, y = 10.594, 0 to 10.678, 0; result = 926			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:03:56 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 28FEB12.D from x, y = 10.586, 0 to 10.664, 0; result = 608			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:03:58 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 28FEB12.D from x, y = 10.589, 0 to 10.675, 0; result = 319			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:04:07 AM	Set UserAnnotation = NI for compound Bromoform in sample 28FEB12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:04:20 AM	Set SampleApproved = True for sample 28FEB12.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:05:26 AM	Set SampleApproved = True for sample 28FEB14.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:06:16 AM	Set UserAnnotation = NI for compound Toluene in sample 28FEB15.D; previous value = NI			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:06:29 AM	Set UserAnnotation = NI for compound Toluene in sample 28FEB16.D; previous value = NI			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:06:33 AM	Set UserAnnotation = NI for compound Toluene in sample 28FEB17.D; previous value = NI			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:07:33 AM	Manually integrate compound Methylene chloride in sample 28FEB15.D from x, y = 3.280, 0 to 3.399, 0; result = 2054			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:07:36 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB15.D from x, y = 3.285, 0 to 3.394, 0; result = 1806			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:07:39 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 28FEB15.D from x, y = 3.291, 0 to 3.366, -2; result = 816			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:08:17 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 28FEB15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:10:26 AM	Set SampleApproved = True for sample 28FEB15.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	3/7/2022 10:11:20 AM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/7/2022 10:15:02 AM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/7/2022 10:15:27 AM	Manually integrate compound Methylene chloride in sample 28FEB16.D, from x, y = 3.271, 0 to 3.405, 0, result = 3490; previous integration is from x, y = 3.296, 0 to 3.344, 0 and previous response = 2574.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/7/2022 10:15:30 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB16.D from x, y = 3.266, 0 to 3.405, 0; result = 2612			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 10:15:33 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 28FEB16.D from x, y = 3.282, 0 to 3.391, 0; result = 1223			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/7/2022 10:16:53 AM	Set UserAnnotation = LT for compound Methylene chloride in sample 28FEB16.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:18:19 AM	Set SampleApproved = True for sample 28FEB16.D; previous value = False			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 10:18:37 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 28FEB17.D from x, y = 3.302, 0 to 3.391, 0; result = 1704			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/7/2022 10:18:39 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 28FEB17.D from x, y = 3.280, 0 to 3.422, 0; result = 1095			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/7/2022 10:20:02 AM	Set SampleApproved = True for sample 28FEB17.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	3/7/2022 10:38:14 AM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/7/2022 10:41:01 AM	Open batch D:\Org\Data\VOA5975C\VG022822\VG022822_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	3/7/2022 10:43:03 AM	Replace level QC with QC sample 28FEB05.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 28FEB04.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	3/7/2022 10:43:58 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/7/2022 10:44:38 AM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/7/2022 10:45:31 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG022822\QuantReports\VG022822_8260B			✓	
CmdCalibrate	BL2000\mchavez	3/7/2022 10:46:30 AM	Replace level CC with CC sample 28FEB21.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};			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	3/7/2022 10:46:54 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/7/2022 10:47:49 AM	Save batch D:\Org\Data\VOA5975C\VG022822\QuantResults\VG022822_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/7/2022 10:48:24 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG022822\QuantReports\VG022822_8260B-1			✓	

Analytical RunID VOA5975C.I_220119A 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_220119A 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_220119A 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_220119A 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_220119A 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_220119A 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_220119A 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_220119A 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_220119A 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_220119A Standards Traceability Report

Standard ID: VOCF0440
Standard Name: 2nd Source High Concentration Ketones
Type: Primary
Prep Date: 12/3/2021
Prep By: Melissa Chavez
Exp Date: 1/1/2023
Status: New
Department: gcmsvoa
Vendor: AccuStandard
Final Volume: 5 mL
Lot Number: 221111486
Balance ID:
Comments: Date Prepared is same as Date Received. 20,000 ug/mL in Methanol. Catalog # CLP-022K-100X.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	14585	1	mL	1/1/2023

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	

Analytical RunID VOA5975C.I_220119A 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_220119A 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_220119A Standards Traceability Report

Standard ID: VOCF3546B
Standard Name: Liquids
Type: Secondary
Prep Date: 12/13/2021
Prep By: Alethea M. Shaules
Exp Date: 2/13/2022
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	2/13/2022

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	1 mL

Analytical RunID VOA5975C.I_220119A 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_220119A 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_220119A 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_220119A Standards Traceability Report

Spike ID: VOCF3567A
Spike Name: 2nd Source Ketones
Prep Date: 1/12/2022
Exp Date: 2/12/2022
Department: gcmsvoa
Vendor: AccuStandard
Lot Number: 221111486
Balance ID:
Comments: 2.0 ug/uL in 90:10 MeOH:H2O

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	2/12/2022

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	1 mL

Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF3569
Standard Name: Ketones
Type: Primary
Prep Date: 1/17/2022
Prep By: Melissa Chavez
Exp Date: 2/17/2022
Status: Open
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	2/17/2022

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	1 mL

Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF3570A
Standard Name: Gases
Type: Secondary
Prep Date: 1/18/2022
Prep By: Melissa Chavez
Exp Date: 1/25/2022
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	1/25/2022

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	1 mL

Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Spike ID: VOCF3571A
Spike Name: 2nd Source Gases
Prep Date: 1/19/2022
Exp Date: 1/26/2022
Department: gcmsvoa
Vendor:
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

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	1/26/2022

Stock Source	Base Units	Amount Added
VOCF0417	ug/mL	1 mL

Analytical RunID VOA5975C.I_220119A Standards Traceability Report

Standard ID: VOCF3573
Standard Name: Calibration Surrogates
Type: Secondary
Prep Date: 1/19/2022
Prep By: Jerran D. Brenden
Exp Date: 7/19/2022
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 - EB679	14746	4.5	mL	7/19/2022

Stock Source	Base Units	Amount Added
VOCF0426	ug/mL	0.5 mL

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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
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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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

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
www.agilent.com/quality/
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

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: 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

www.agilent.com/quality/
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
www.agilent.com/quality/
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®

Tel (203)786-5290
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.

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

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

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

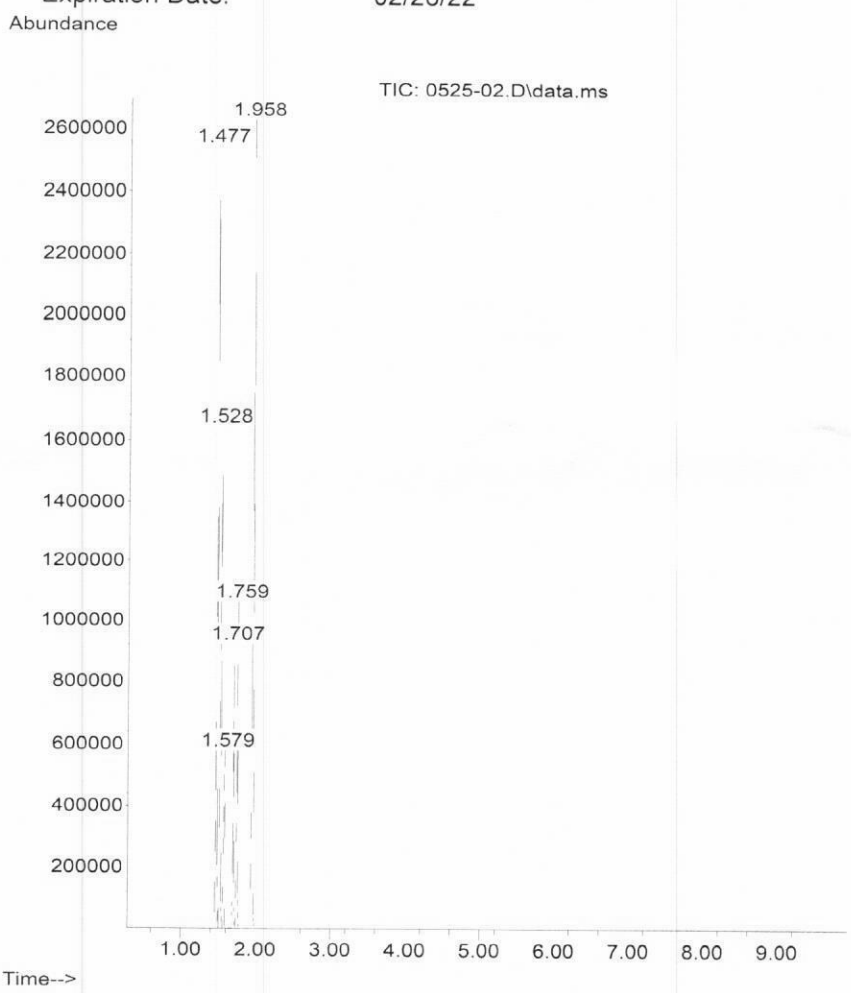
PJLA
Testing
Accreditation #63520

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

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

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: 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 #: 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

Page 1 of 1

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

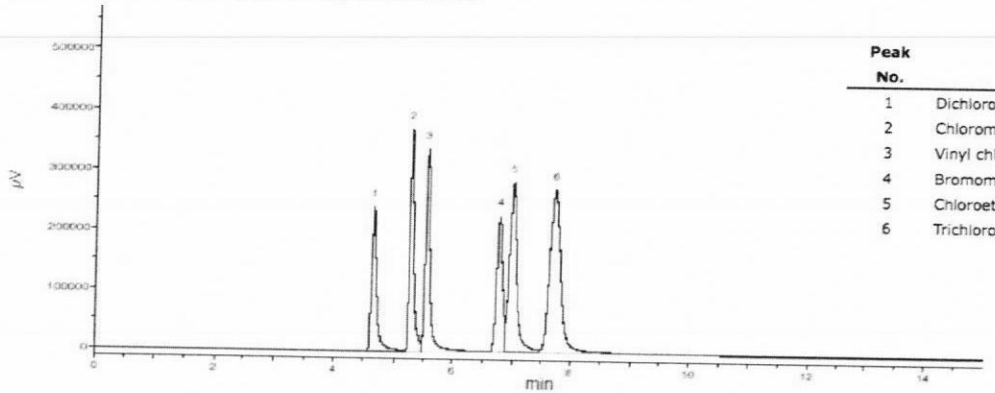
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromomethane	50	01611JX	2000	99.5	0.2	1.00508	1.0098	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., 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

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
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info@chemservice.com • www.chemservice.com

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

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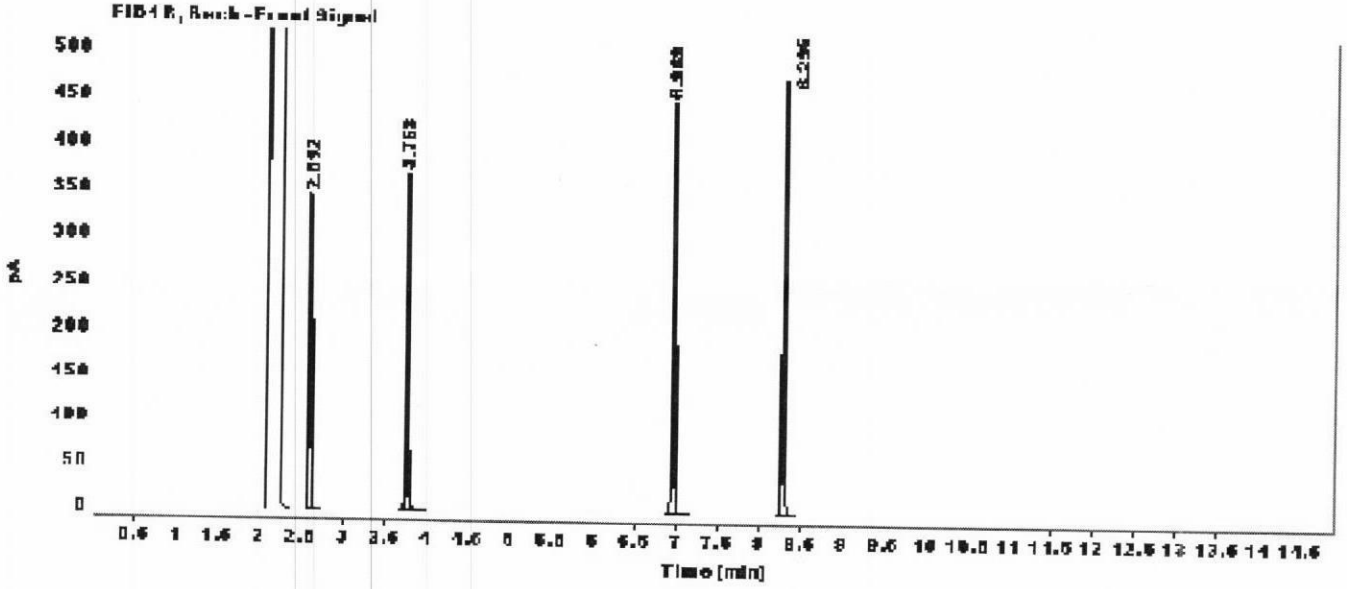
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

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

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CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-100X
Description: TCL Ketone Mix
Lot: 221111486
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Dec 1, 2021
Expiration: Jan 1, 2023
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 (mg/mL)	Certified Analyte Concentration¹ (mg/mL)
Acetone	67-64-1	100.0	20.01	20.01
Methyl ethyl ketone	78-93-3	100.0	20.01	20.01
2-Hexanone	591-78-6	98.7	20.01	19.75
4-Methyl-2-pentanone	108-10-1	100.0	20.01	20.01

ID #: 14585
Opened:_____
TCL Ketone Mix
Expires: 1/1/2023
Rec'd: 12/3/2021
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

Page 1 of 1

For use in routine laboratory analysis.

Analytical RunID VOA5975C.I_220228A 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_220228A 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_220228A 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_220228A 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_220228A 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_220228A 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_220228A 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_220228A 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_220228A Standards Traceability Report

Standard ID: VOCF0440
Standard Name: 2nd Source High Concentration Ketones
Type: Primary
Prep Date: 12/3/2021
Prep By: Melissa Chavez
Exp Date: 1/1/2023
Status: New
Department: gcmsvoa
Vendor: AccuStandard
Final Volume: 5 mL
Lot Number: 221111486
Balance ID:
Comments: Date Prepared is same as Date Received. 20,000 ug/mL in Methanol. Catalog # CLP-022K-100X.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	14585	1	mL	1/1/2023

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Spike ID: VOCF0451
Spike Name: Chem Service Gases
Prep Date: 1/18/2022
Exp Date: 6/30/2022
Department: gcmsvoa
Vendor: Chemservice
Lot Number: 12380600
Balance ID:
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # M-VOHC6M5-1ML

Type: Primary
Prep By: Melissa Chavez
Status: New
Final Volume: 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organics High Concentration Mixture #6	14783	1	mL	6/30/2022

Stock Source	Base Units	Amount Added
VOCF0451	ug/mL	

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Spike ID: VOCF3567B
Spike Name: 2nd Source Ketones
Prep Date: 1/12/2022
Exp Date: 3/12/2022
Department: gcmsvoa
Vendor: AccuStandard
Lot Number: 221111486
Balance ID:
Comments: 2.0 ug/uL in 90:10 MeOH:H2O

Type: Secondary
Prep By: Melissa Chavez
Status: New
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	14519	9	mL	3/12/2022

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	1 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Spike ID: VOCF3579A
Spike Name: 2nd Source Liquids
Type: Secondary
Prep Date: 1/28/2022
Prep By: Steve Dilts
Exp Date: 2/28/2022
Status:
Department: gcmsvoa
Vendor:
Final Volume: 10 mL
Lot Number:
Balance ID:
Comments: Final Concentration 0.2ug/uL.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	14334	9	mL	2/28/2022

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	1 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Spike ID: VOCF3582A
Spike Name: 2nd Source MtBE
Prep Date: 1/31/2022
Exp Date: 3/1/2022
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 - EB679	14746	9	mL	3/1/2022

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	1 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Spike ID: VOCF3590
Spike Name: Internal Standard / Surrogates (INT/SURR)
Type: Secondary
Prep Date: 2/3/2022
Prep By: Jerran D. Brenden
Exp Date: 8/3/2022
Status: New
Department: gcmsvoa
Vendor:
Final Volume: 50 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 EB373	14519	47.75	mL	8/3/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	1 mL
VOCF0426	ug/mL	1.25 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Standard ID: VOCF3599A
Standard Name: Liquids
Type: Secondary
Prep Date: 2/14/2022
Prep By: Alethea M. Shaules
Exp Date: 3/14/2022
Status: New
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 - EB679	14746	9	mL	3/14/2022

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	1 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Standard ID: VOCF3601B
Standard Name: Gases
Type: Secondary
Prep Date: 2/17/2022
Prep By: Steve Dilts
Exp Date: 3/3/2022
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 - EB679	14746	9	mL	3/3/2022

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	1 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Spike ID: VOCF3603B
Spike Name: 2nd Source Gases
Prep Date: 2/18/2022
Exp Date: 3/4/2022
Department: gcmsvoa
Vendor:
Lot Number:
Balance ID:
Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

Type: Secondary
Prep By: Steve Dilts
Status:
Final Volume: 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	14519	9	mL	3/4/2022

Stock Source	Base Units	Amount Added
VOCF0451	ug/mL	1 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Standard ID: VOCF3606
Standard Name: Ketones
Type: Primary
Prep Date: 2/25/2022
Prep By: Melissa Chavez
Exp Date: 3/25/2022
Status: New
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	3/25/2022

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	1 mL

Analytical RunID VOA5975C.I_220228A Standards Traceability Report

Standard ID: VOCF3607A
Standard Name: MtBE
Type: Secondary
Prep Date: 2/28/2022
Prep By: Steve Dilts
Exp Date: 3/30/2022
Status: New
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	3/30/2022

Stock Source	Base Units	Amount Added
VOCF0373	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

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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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

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
www.agilent.com/quality/
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

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: 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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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®

Tel (203)786-5290
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.

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

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
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 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 #: 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

Page 1 of 1

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

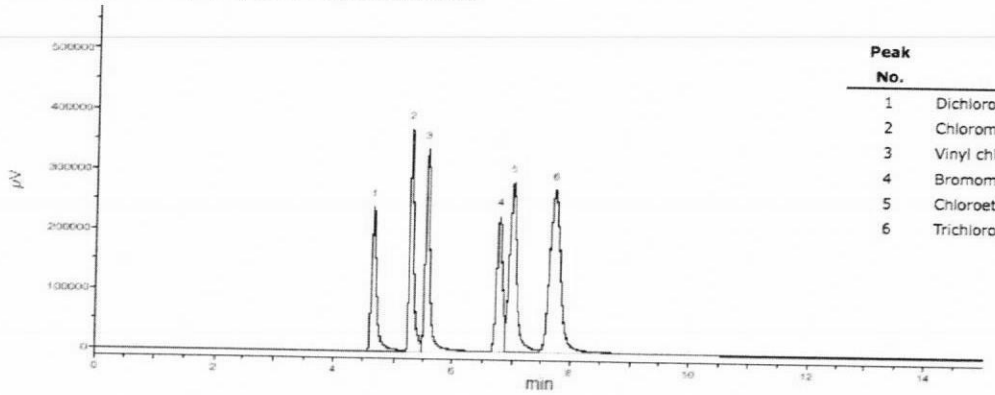
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromomethane	50	01611JX	2000	99.5	0.2	1.00508	1.0098	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., 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
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

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

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

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

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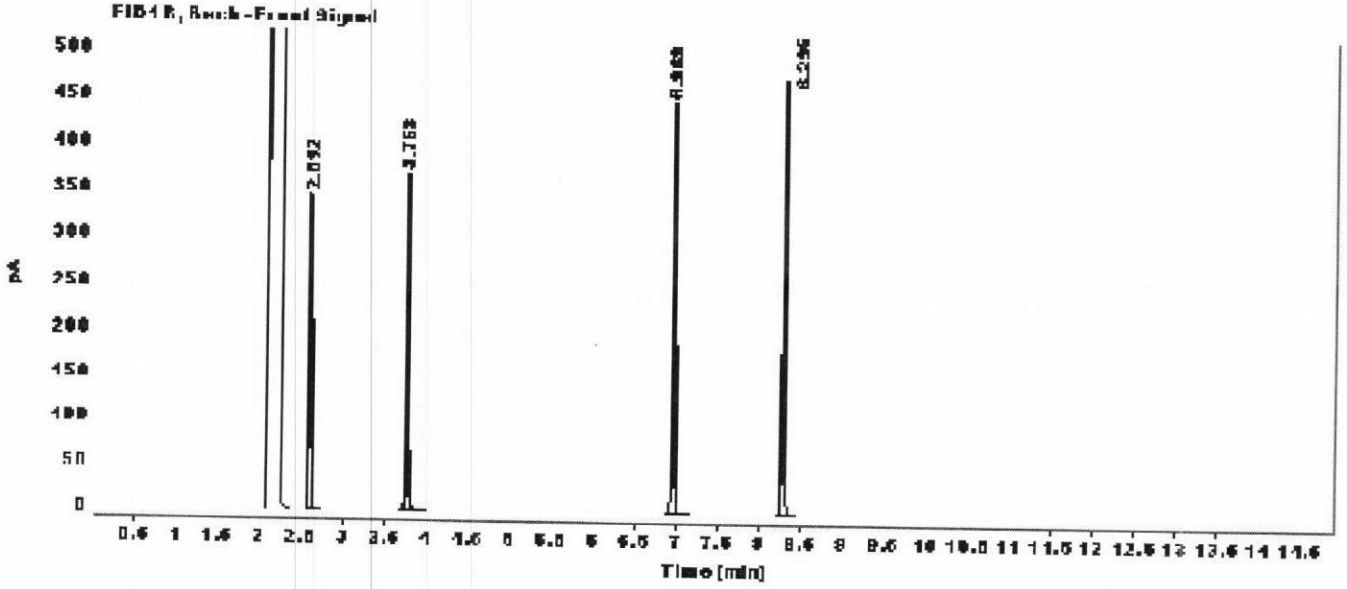
CERTIFICATE OF ANALYSIS

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-100X
Description: TCL Ketone Mix
Lot: 221111486
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Dec 1, 2021
Expiration: Jan 1, 2023
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 (mg/mL)	Certified Analyte Concentration¹ (mg/mL)
Acetone	67-64-1	100.0	20.01	20.01
Methyl ethyl ketone	78-93-3	100.0	20.01	20.01
2-Hexanone	591-78-6	98.7	20.01	19.75
4-Methyl-2-pentanone	108-10-1	100.0	20.01	20.01

ID #: 14585
Opened:_____
TCL Ketone Mix
Expires: 1/1/2023
Rec'd: 12/3/2021
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

Volatile Organics High Concentration Mixture #6

CONCENTRATION	2000ug/ml in Methanol
CATALOG NUMBER	M-VOHC6M5-1ML
LOT NUMBER	12380600
DATE CERTIFIED	09/16/21
EXPIRATION DATE	06/30/22
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratoy use only.
ISO 17034:2016 CERTIFIED	[ ]

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11446	Chloroethane	75-00-3	94.180	00001728	100.0	1962.1
N-11665	Dichlorodifluoromethane	75-71-8	98.430	00001729	100.0	2050.6
N-12417	Methyl bromide	74-83-9	99.040	00024694	100.0	2063.3
N-12421	Methyl chloride	74-87-3	97.970	00001731	100.0	2041.0
N-13655	Trichlorofluoromethane	75-69-4	98.890	00027239	99.4	2047.8
N-13748	Vinyl chloride	75-01-4	97.820	00019298	100.0	2037.9

Analytical Test	Value
CONCENTRATION (GC/MSD)	VERIFIED

ID #: 14783
Opened:
Volatile Organics High Concentration Mixture
Expires: 6/30/2022
Rec'd: 1/18/2022
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

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PJLA Testing

PJLA Reference Material Producer

COA Form
Revision 3 (3/2015)

Print Date: 01/11/22

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CERTIFICATE OF ANALYSIS

Analysis Method:

Catalog Number: M-VOHC6M5-1ML
Description: Volatile Organics High Concentration Mixture #6
Lot Number: 12380600
Expiration Date: 06/30/22

Chem Service Inc Area Percent Report

Data File: D:\msdchem\2021 DATA\0921\091621\M-VOHC6M5_DIL-1.D
Acq On : 16 Sep 2021 10:30
Operator :
Sample : M-VOHC6M5
Misc :
ALS Vial : 1

Integration Parameters: autoint1.e
Integrator: ChemStation

DataAcq Meth:M-VOHC6M5.M
Method : D:\msdchem\2021 DATA\0321\S-11399U1-01.D\S-11399U1.M

Signal : TIC: M-VOHC6M5_DIL-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.856	167	171	174	BV	43179	602007	42.31%	12.962%
2	1.920	174	177	180	VV	58068	833942	58.61%	17.956%
3	1.978	180	183	187	VB	14247	178408	12.54%	3.841%
4	2.134	193	198	201	BV	50234	799854	56.22%	17.222%
5	2.204	201	204	210	VB	53542	807271	56.74%	17.382%
6	2.455	224	228	239	BB	90821	1422800	100.00%	30.636%

Sum of corrected areas: 4644281

S-11399U1.M Thu Sep 16 11:46:52 2021

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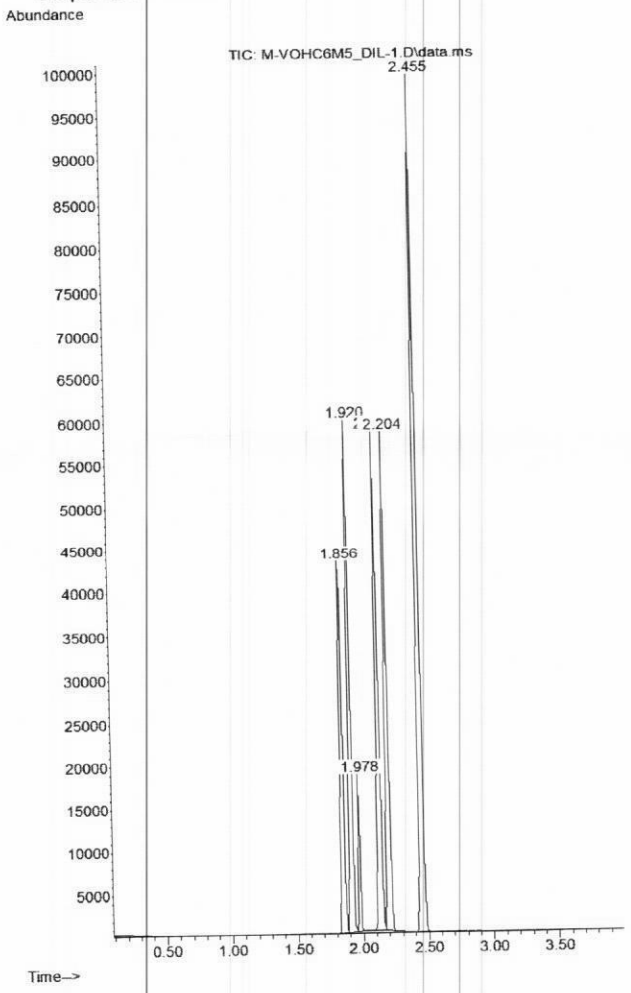

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PJLA Testing

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