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
```

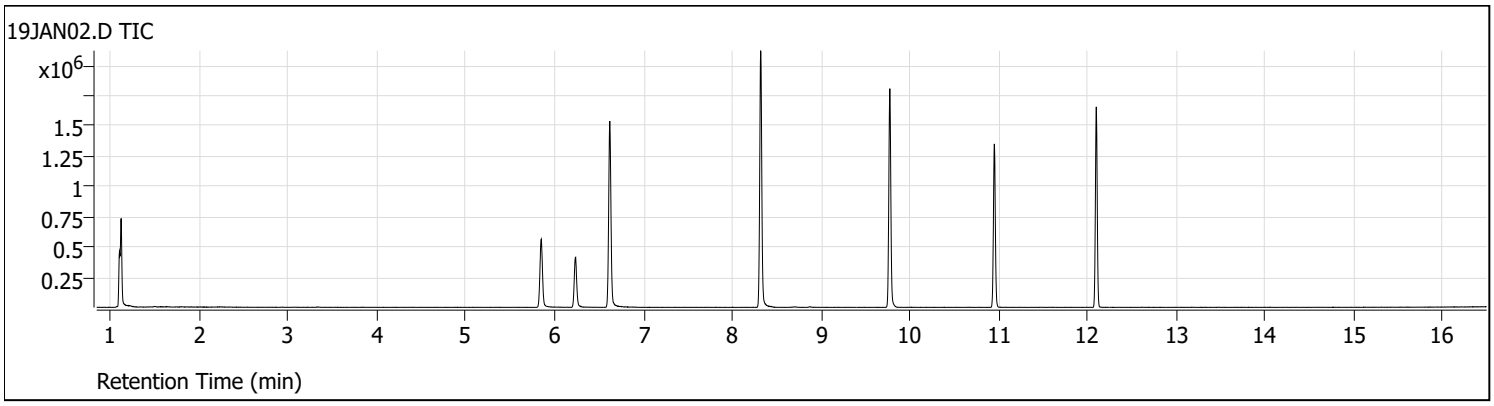
```
Vial Number    : 13
---------------------------------------------------------------

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
---------------------------------------------------------------
```

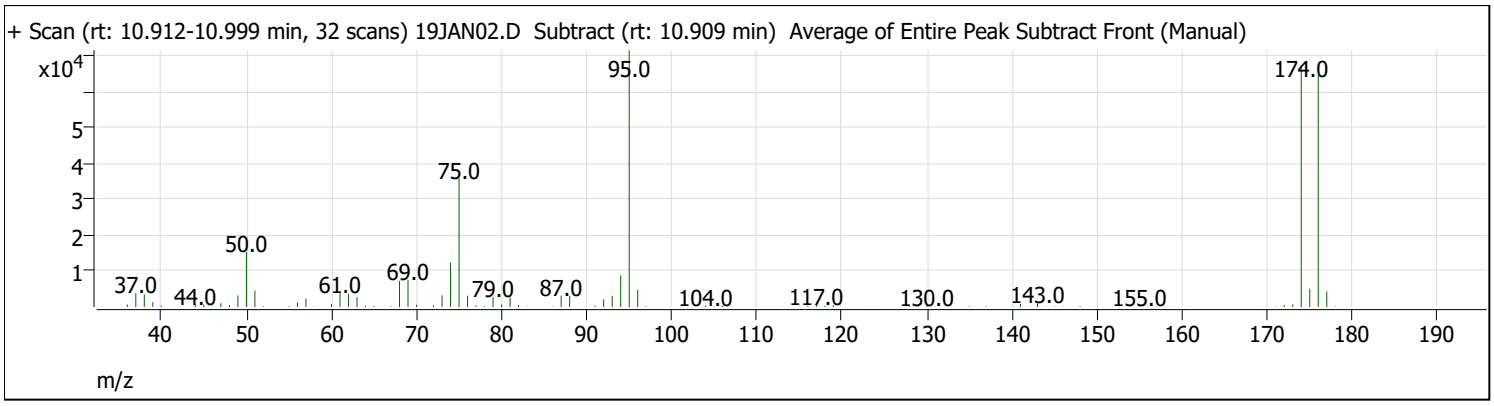
```
Data file Name : C:\MSDCHEM\1\DATA\VG011922\19JAN18.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 19 Jan 2022   5:09 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 18
---------------------------------------------------------------

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

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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:

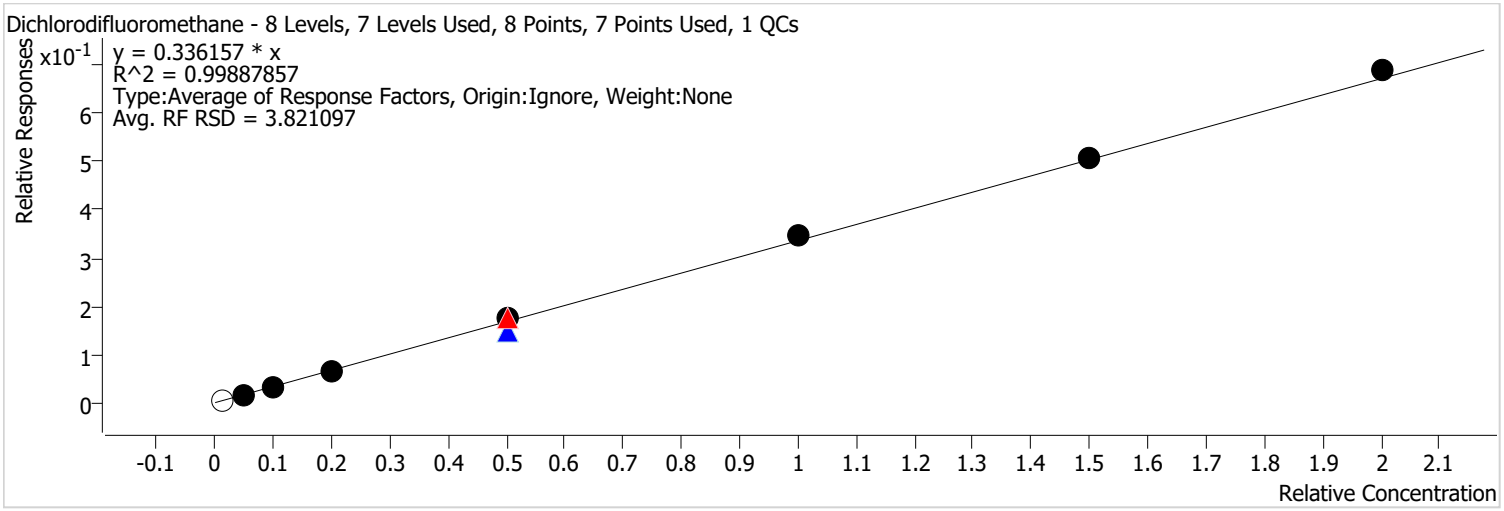
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
T Bromomethane	Quadratic	y = 0.015061 * x ^ 2 + 0.150956 * x - 0.001123	0.997553
T Ethylbenzene	Quadratic	y = 0.212781 * x ^ 2 + 3.013988 * x - 0.007186	0.998933
T m+p-Xylenes	Quadratic	y = 0.032978 * x ^ 2 + 1.213111 * x - 0.008669	0.998704
T o-Xylene	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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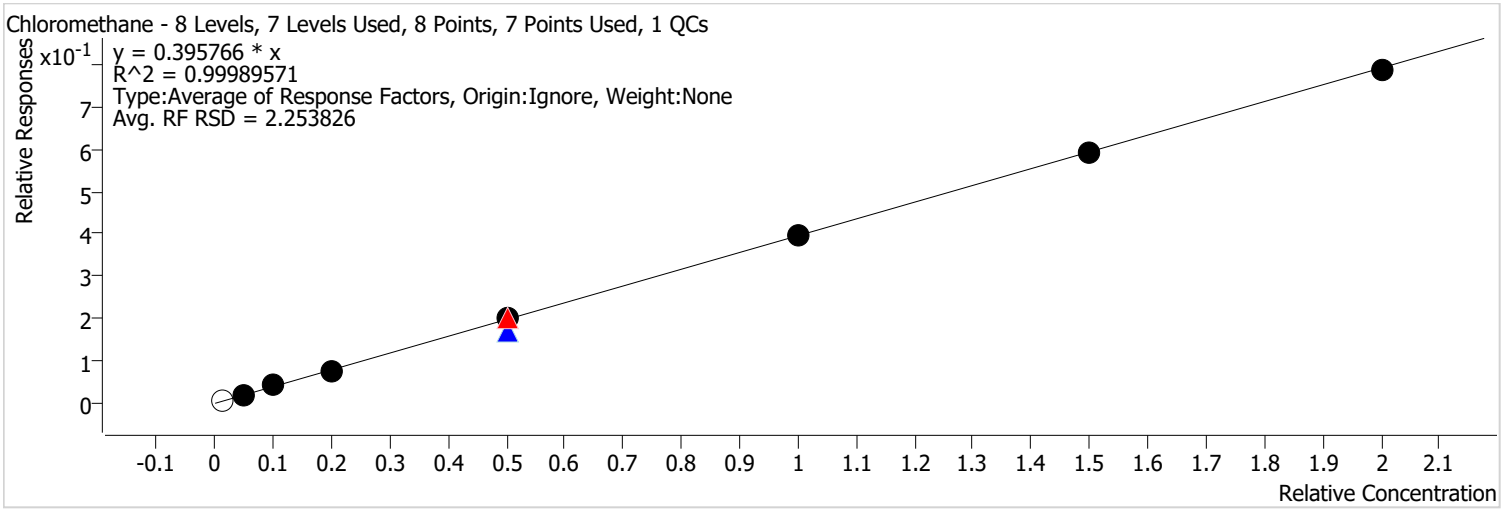
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	27745	25.0000	0.3390	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	51785	50.0000	0.3211	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	148367	125.0000	0.3472	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	130579	125.0000	0.2944	
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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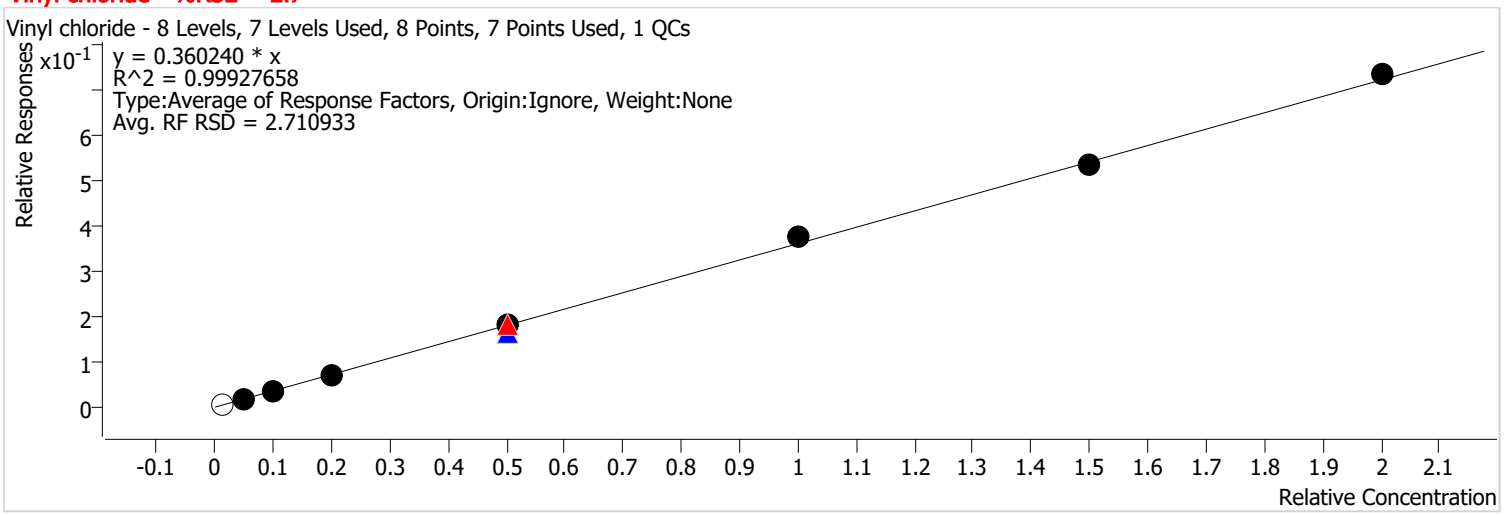
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	33801	25.0000	0.4130	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	63351	50.0000	0.3928	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	170190	125.0000	0.3983	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	151864	125.0000	0.3424	
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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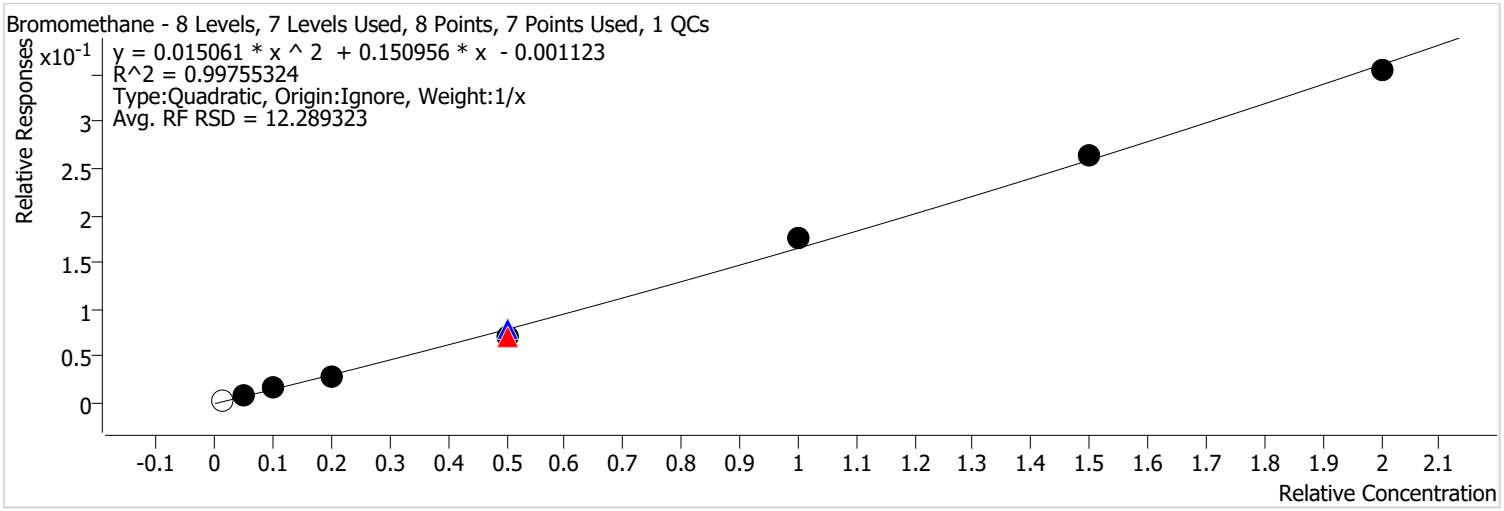
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	14225	12.5000	0.3542	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	30072	25.0000	0.3674	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	55437	50.0000	0.3437	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	153733	125.0000	0.3598	
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	

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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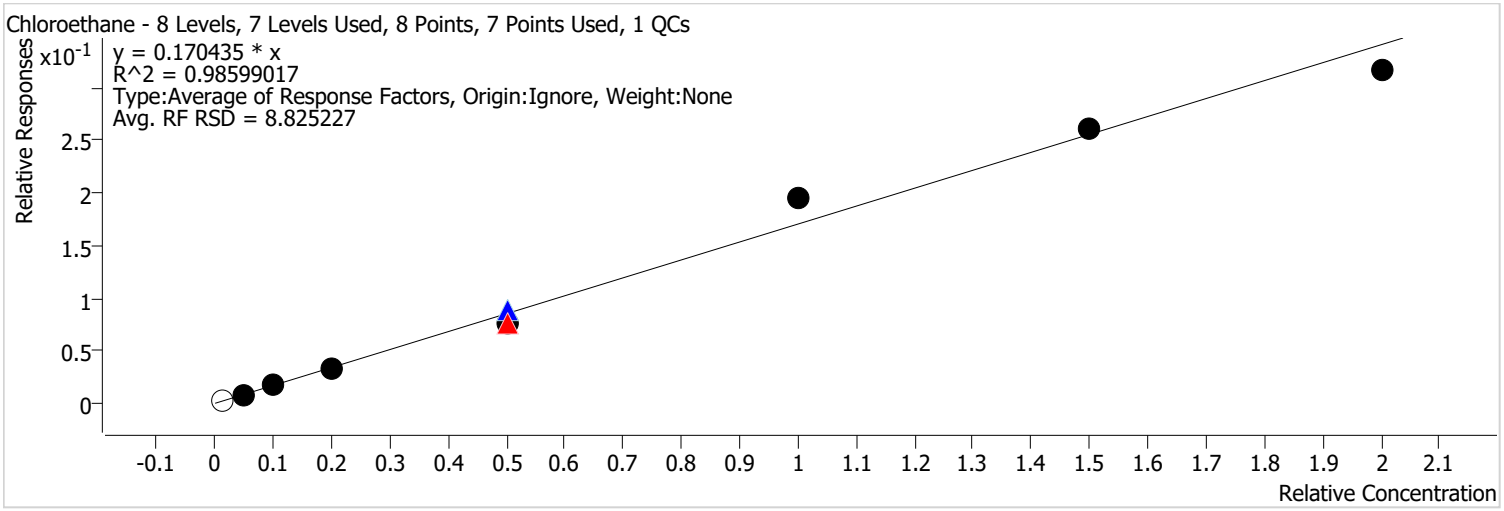
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	12135	25.0000	0.1483	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	22944	50.0000	0.1423	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	59520	125.0000	0.1393	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	69568	125.0000	0.1569	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	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	

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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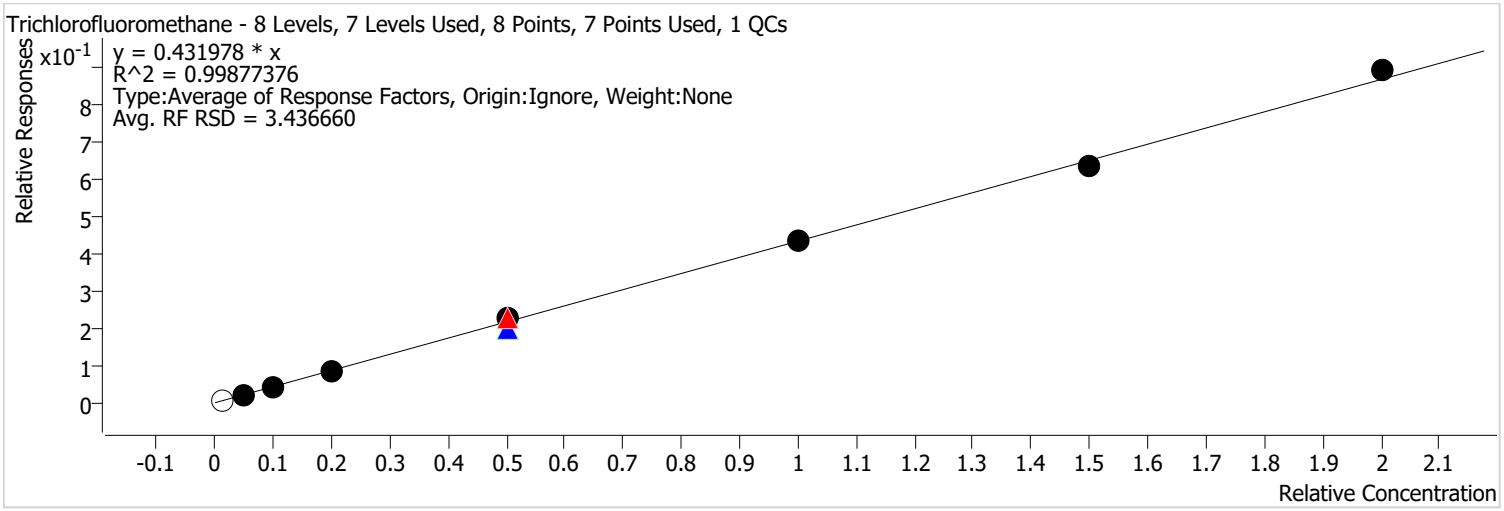
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	15096	25.0000	0.1844	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	26569	50.0000	0.1647	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	65407	125.0000	0.1531	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	77755	125.0000	0.1753	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	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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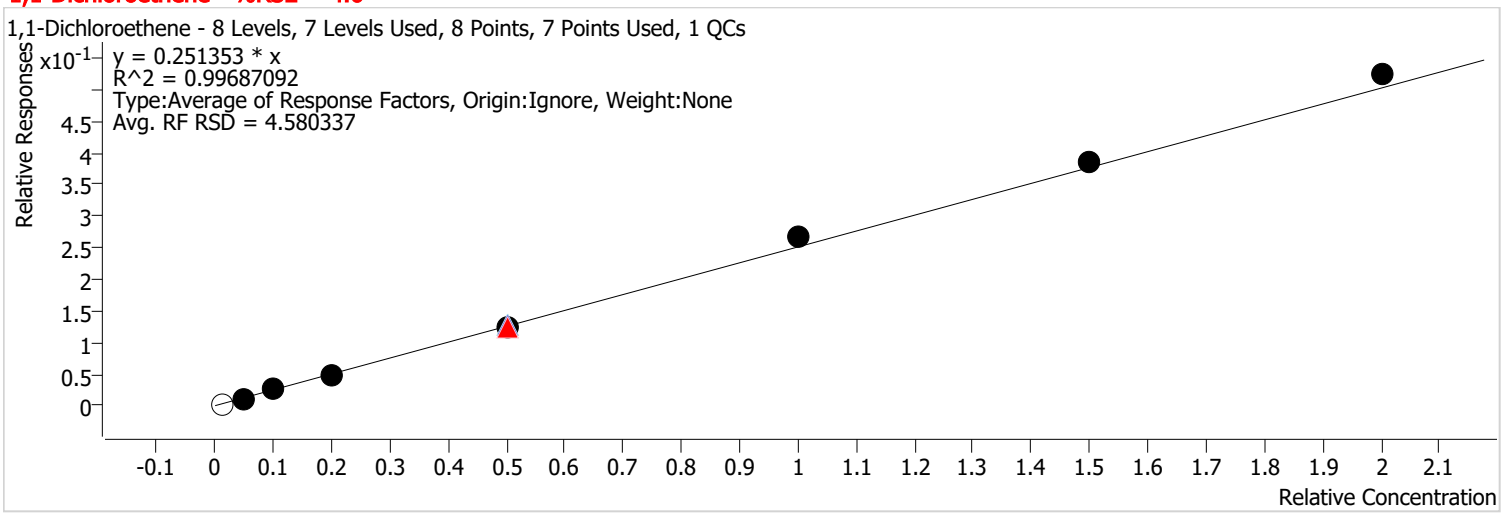
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	35936	25.0000	0.4390	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	66016	50.0000	0.4093	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	193579	125.0000	0.4530	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	172504	125.0000	0.3890	
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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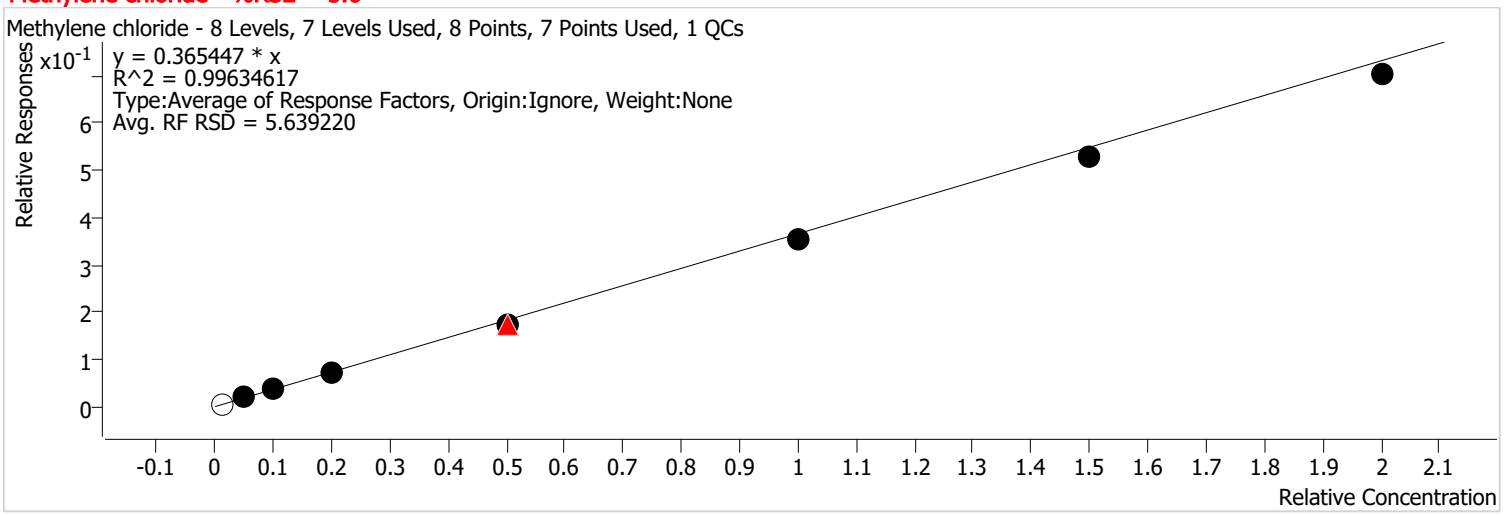
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20674	25.0000	0.2526	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38644	50.0000	0.2396	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	105649	125.0000	0.2473	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	113673	125.0000	0.2563	
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
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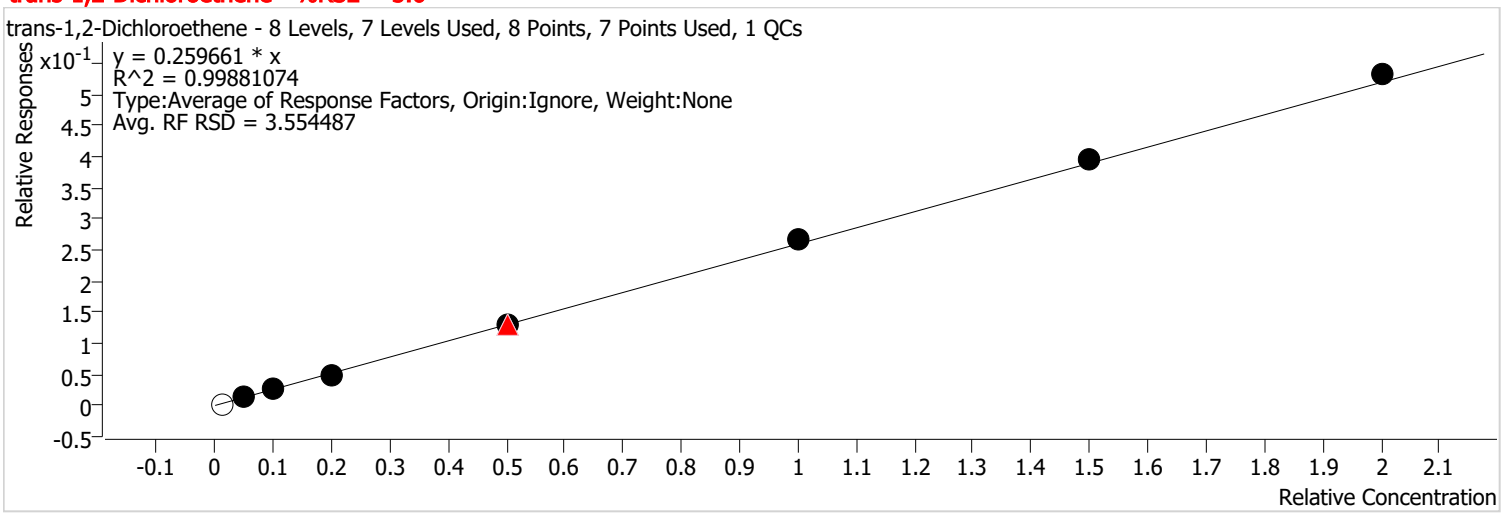
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	15719	12.5000	0.3914	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	32623	25.0000	0.3986	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	58184	50.0000	0.3608	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	149957	125.0000	0.3509	
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
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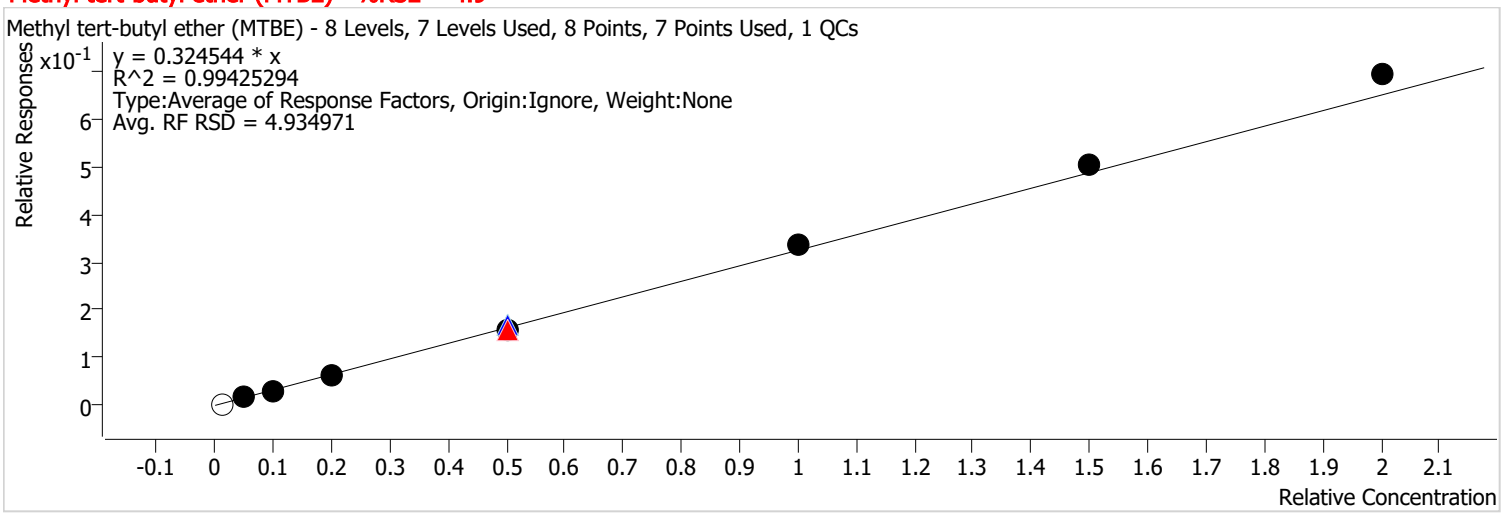
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	10455	12.5000	0.2603	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	21348	25.0000	0.2608	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38732	50.0000	0.2402	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	110255	125.0000	0.2580	
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

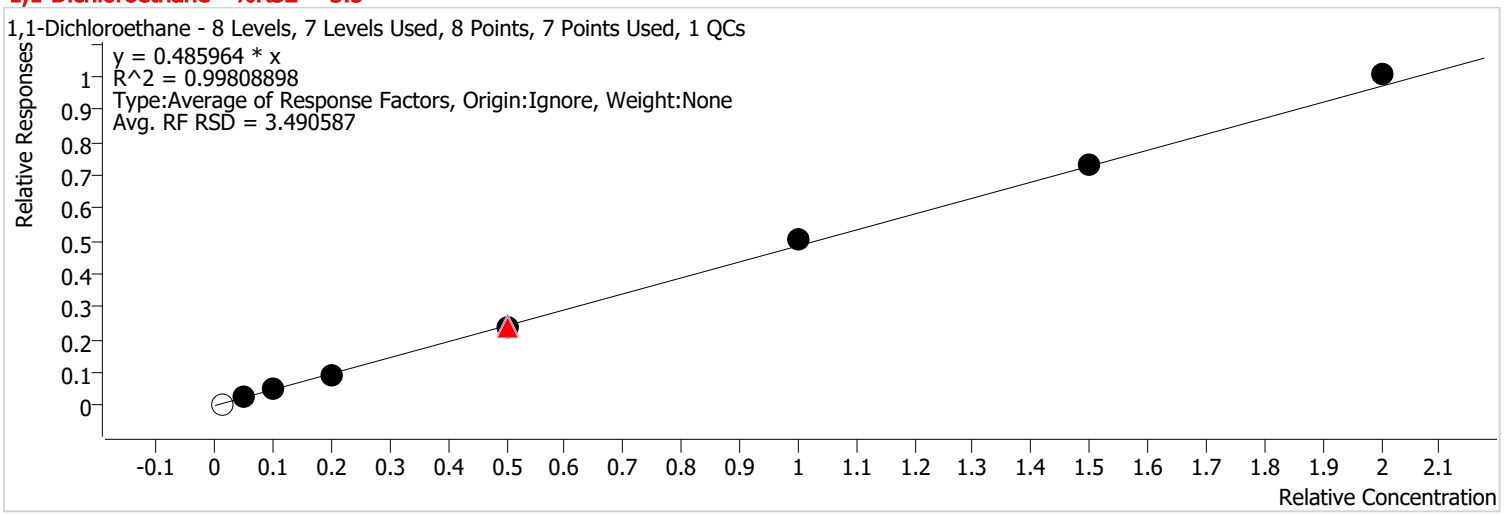
Methyl tert-butyl ether (MTBE) %RSE = 4.9



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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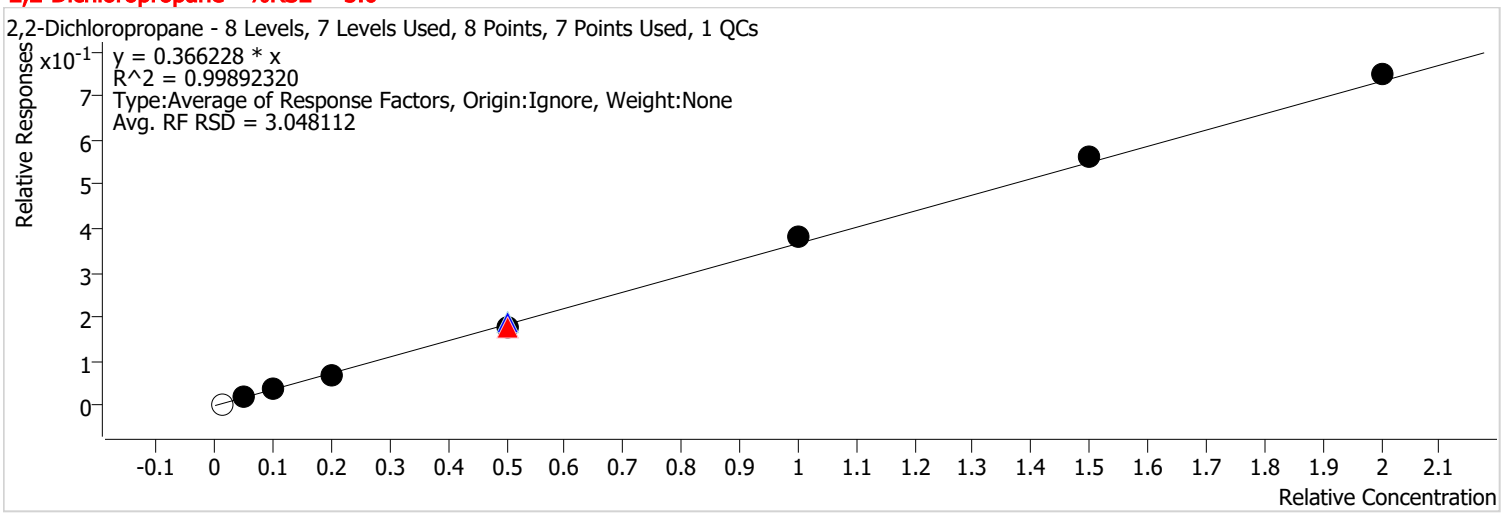
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	18500	12.5000	0.4607	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	40298	25.0000	0.4923	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	75497	50.0000	0.4681	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	205663	125.0000	0.4813	
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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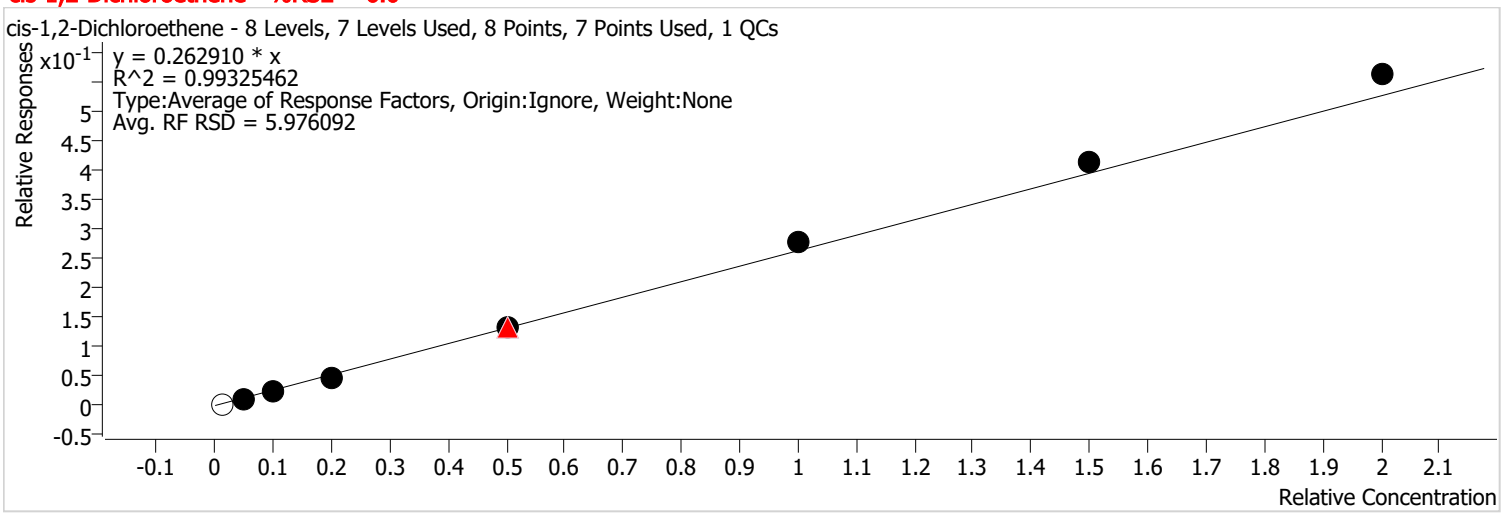
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	14213	12.5000	0.3539	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	30539	25.0000	0.3731	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	56651	50.0000	0.3513	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	153450	125.0000	0.3591	
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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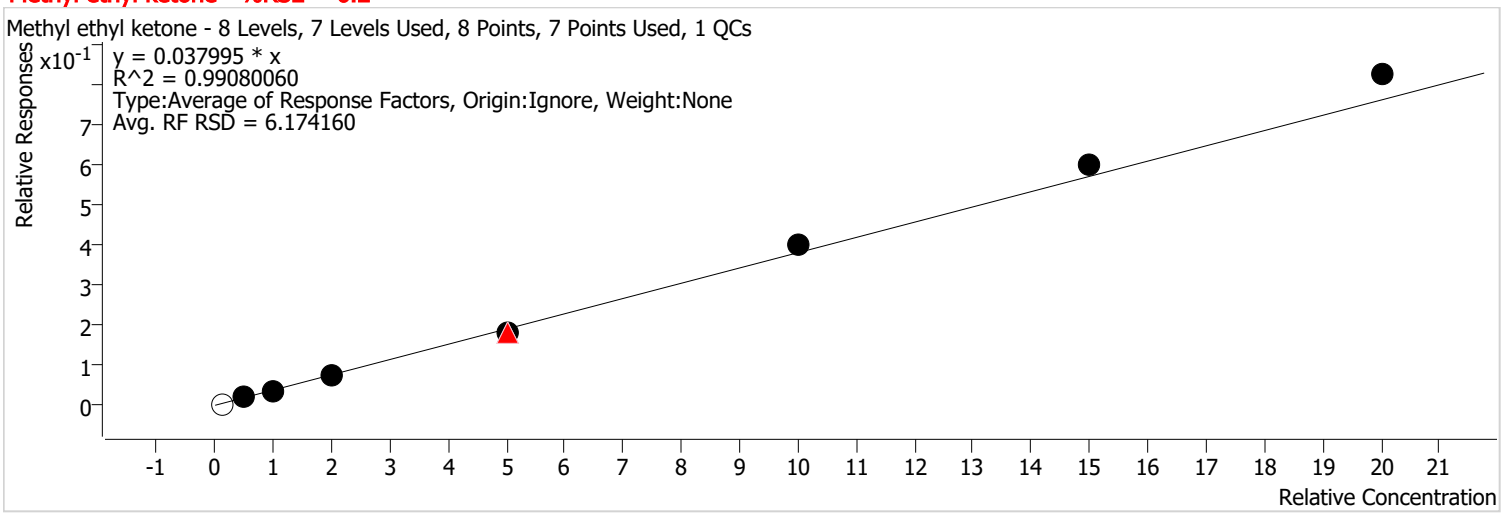
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9874	12.5000	0.2459	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20810	25.0000	0.2542	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	39093	50.0000	0.2424	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	112808	125.0000	0.2640	
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

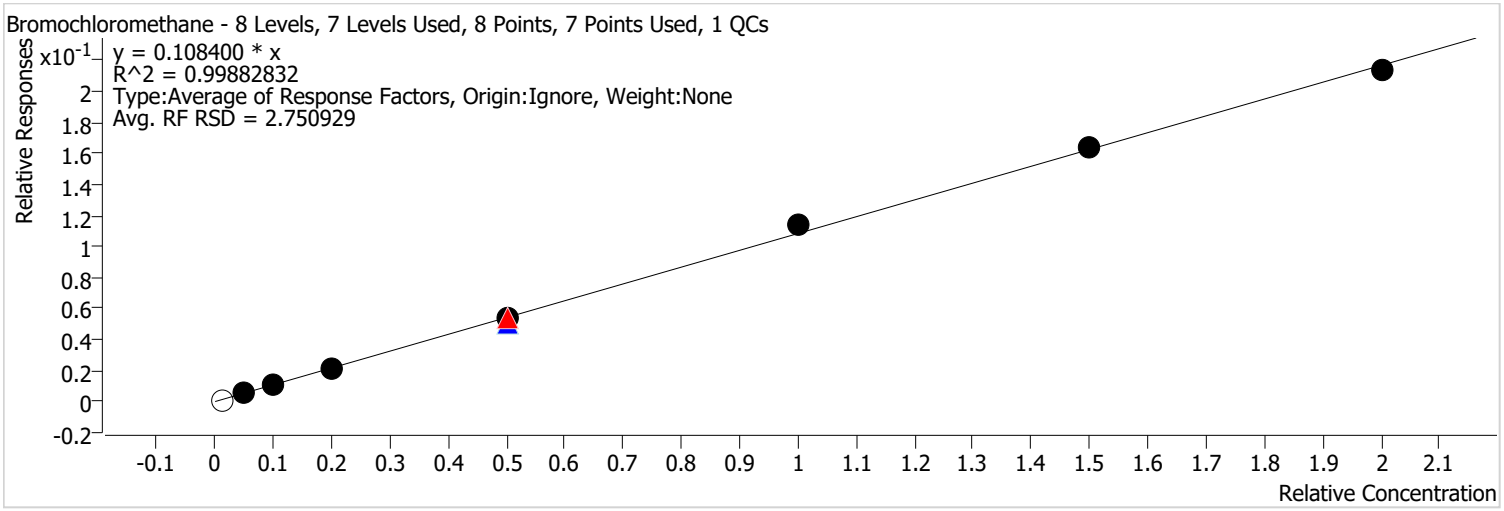
Methyl ethyl ketone %RSE = 6.2



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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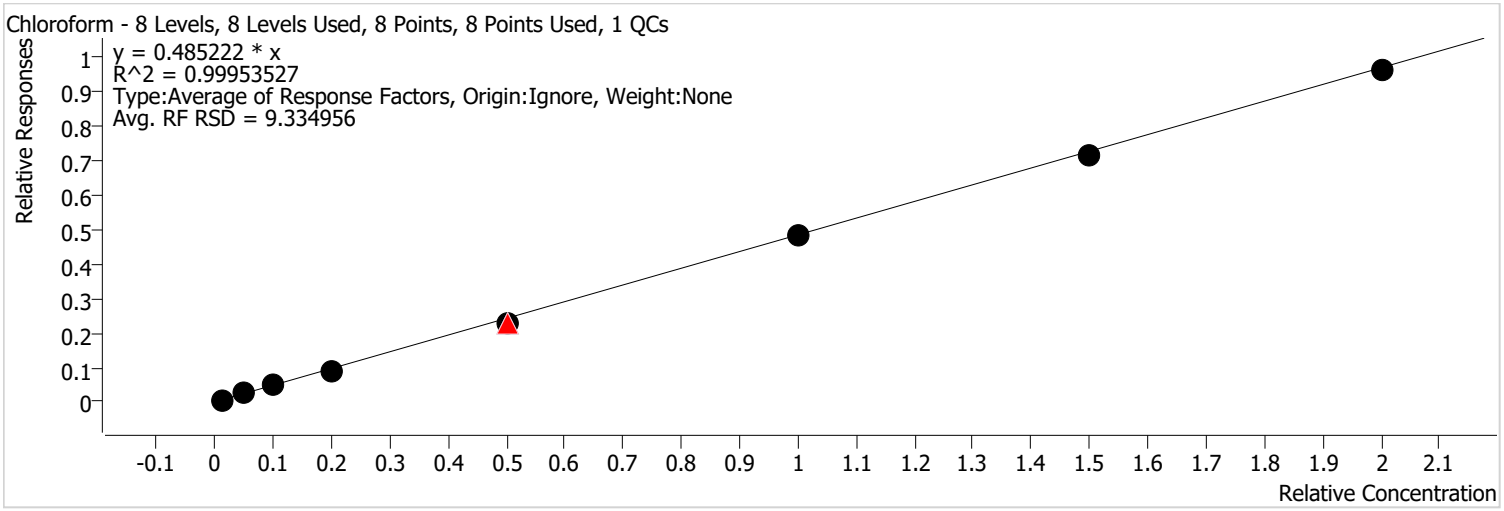
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4232	12.5000	0.1054	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	8977	25.0000	0.1097	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	17084	50.0000	0.1059	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	45958	125.0000	0.1076	
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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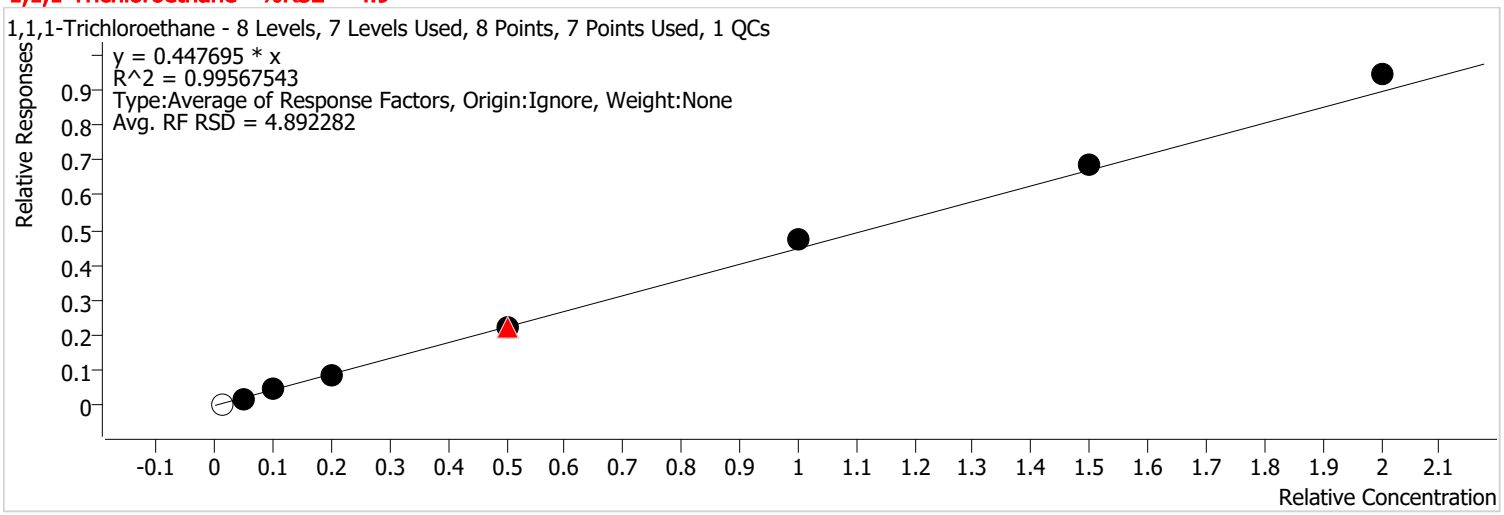
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	18593	12.5000	0.4630	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	38158	25.0000	0.4662	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	74048	50.0000	0.4591	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	196261	125.0000	0.4593	
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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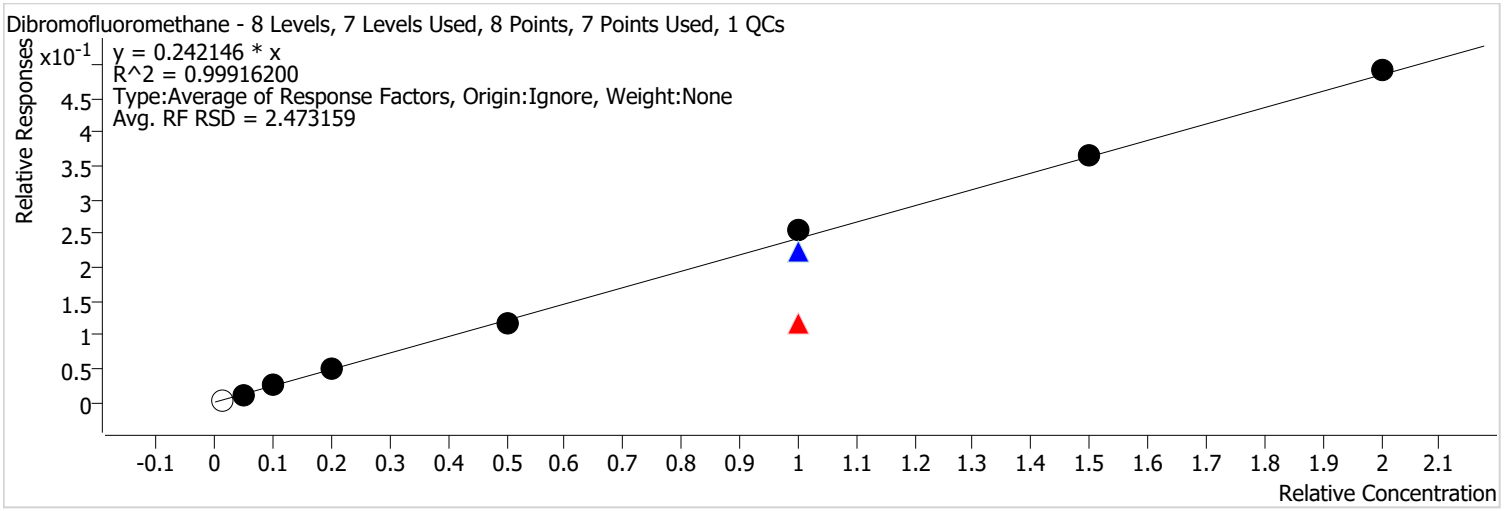
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	16614	12.5000	0.4137	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	36046	25.0000	0.4404	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	69594	50.0000	0.4315	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	189468	125.0000	0.4434	
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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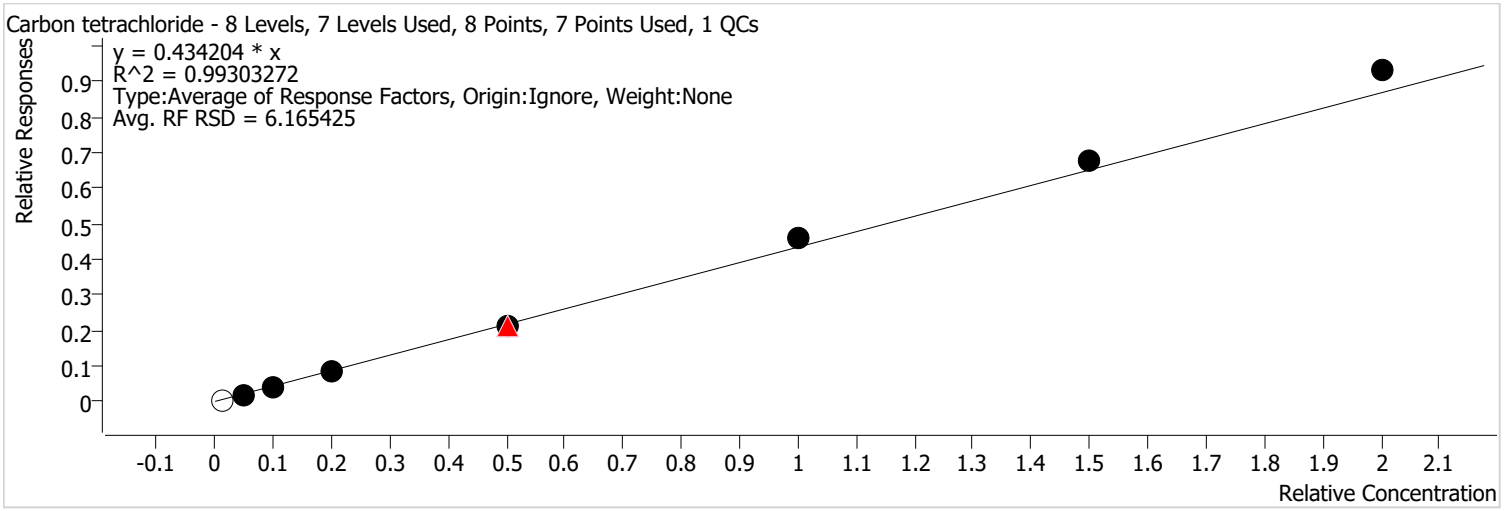
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9521	12.5000	0.2371	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	19834	25.0000	0.2423	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38453	50.0000	0.2384	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	100821	125.0000	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

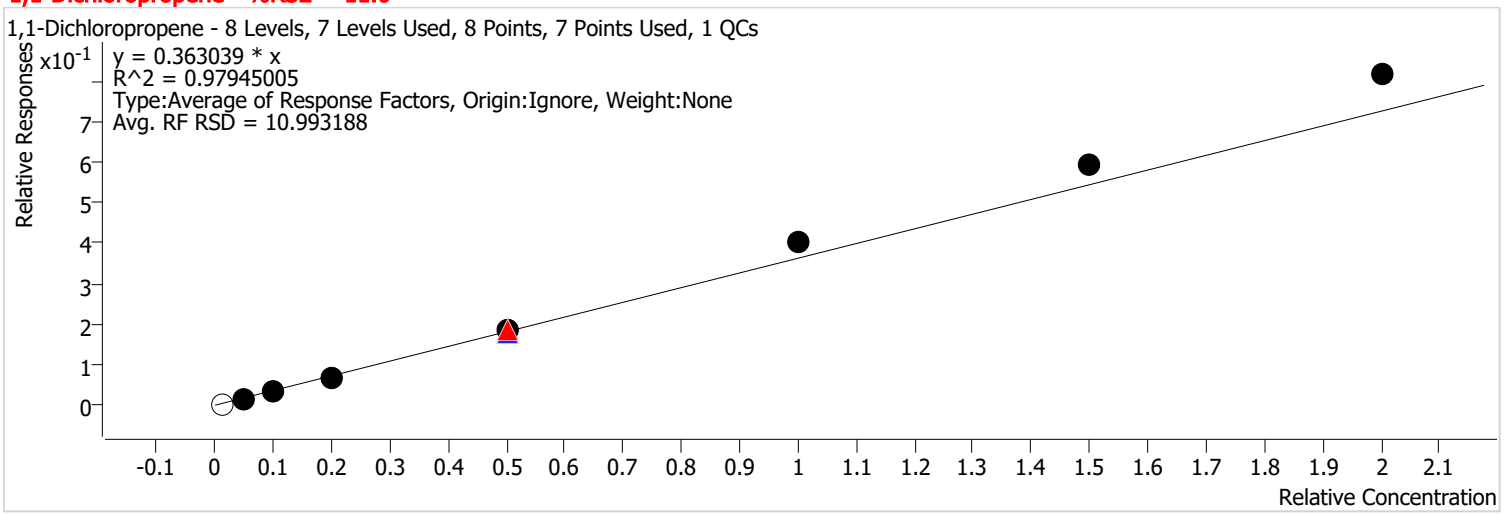
Carbon tetrachloride %RSE = 6.2



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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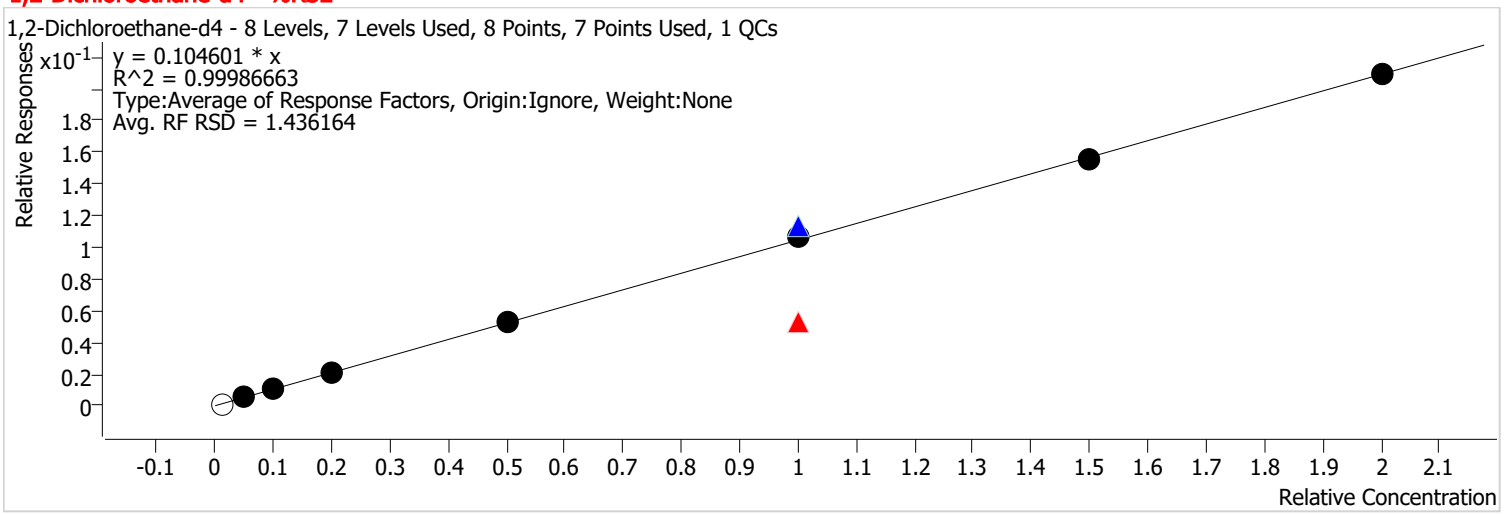
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	12417	12.5000	0.3092	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	27641	25.0000	0.3377	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	52282	50.0000	0.3242	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	156331	125.0000	0.3659	
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

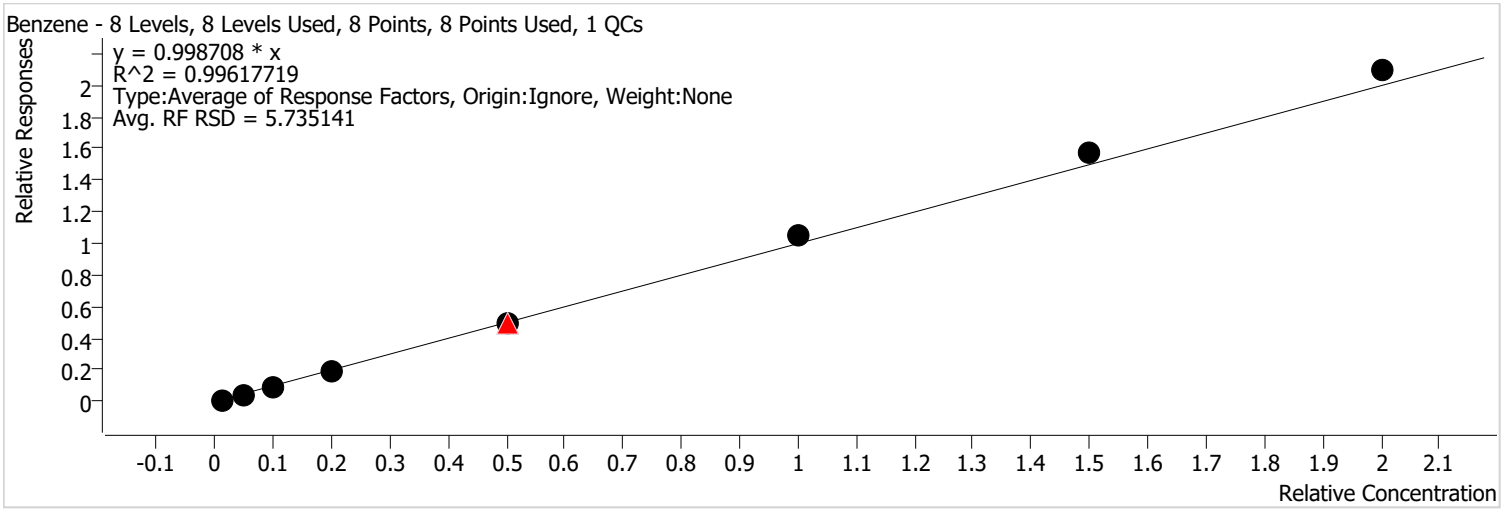
1,2-Dichloroethane-d4 %RSE =



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

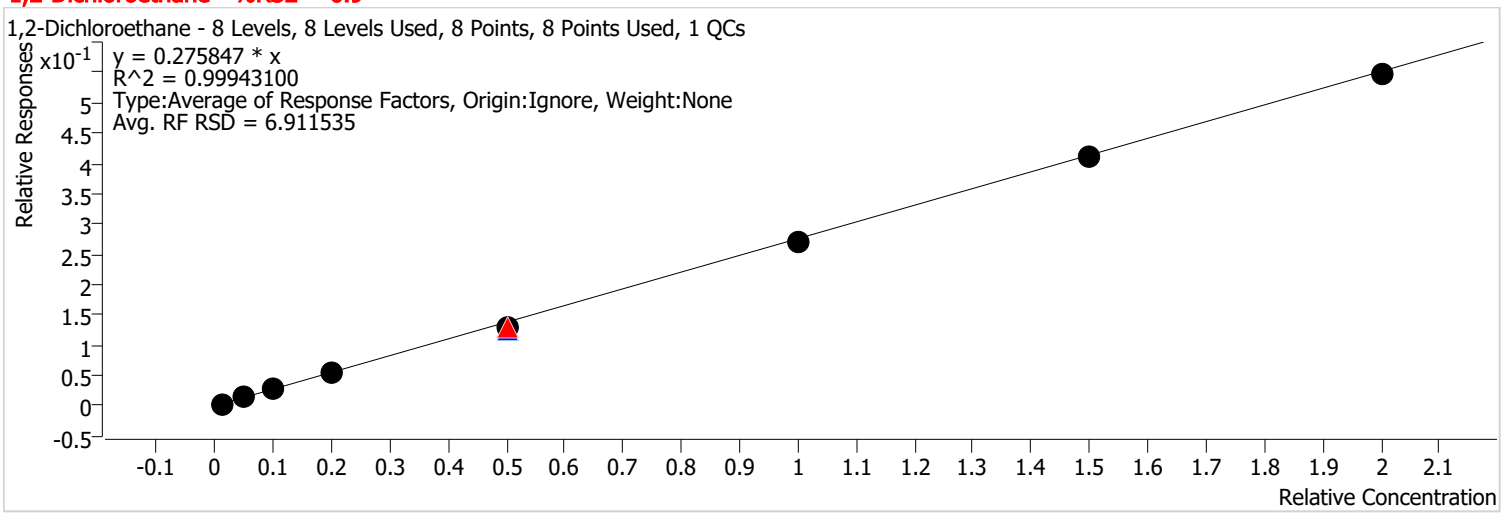
Benzene %RSE = 5.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1	x	8357	2.5000	1.0522	
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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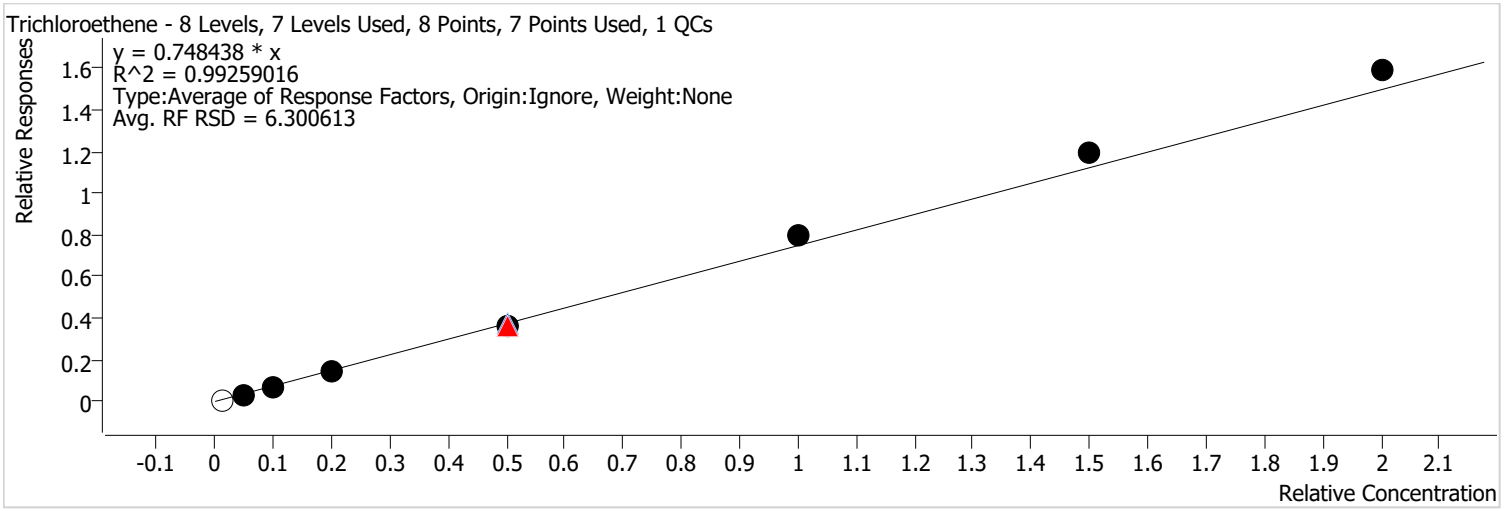
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	11123	12.5000	0.2770	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	21778	25.0000	0.2661	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	43538	50.0000	0.2700	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	109046	125.0000	0.2552	
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

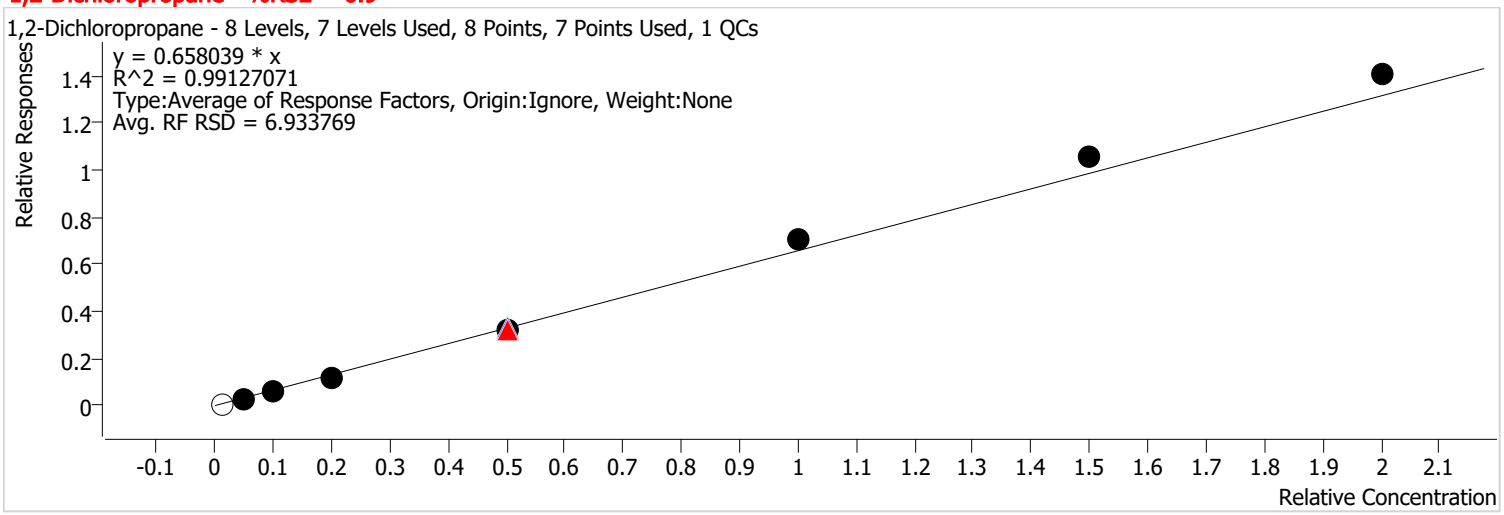
Trichloroethene %RSE = 6.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		2545	2.5000	0.8041	
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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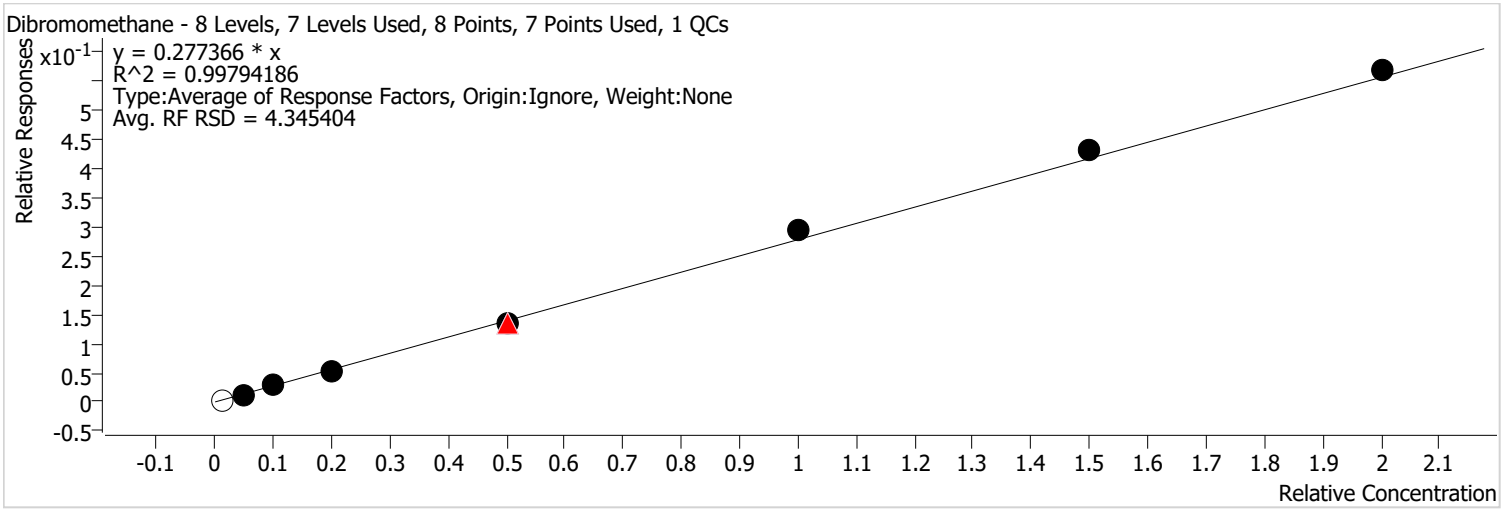
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9499	12.5000	0.6056	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20331	25.0000	0.6332	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38730	50.0000	0.6073	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	106955	125.0000	0.6473	
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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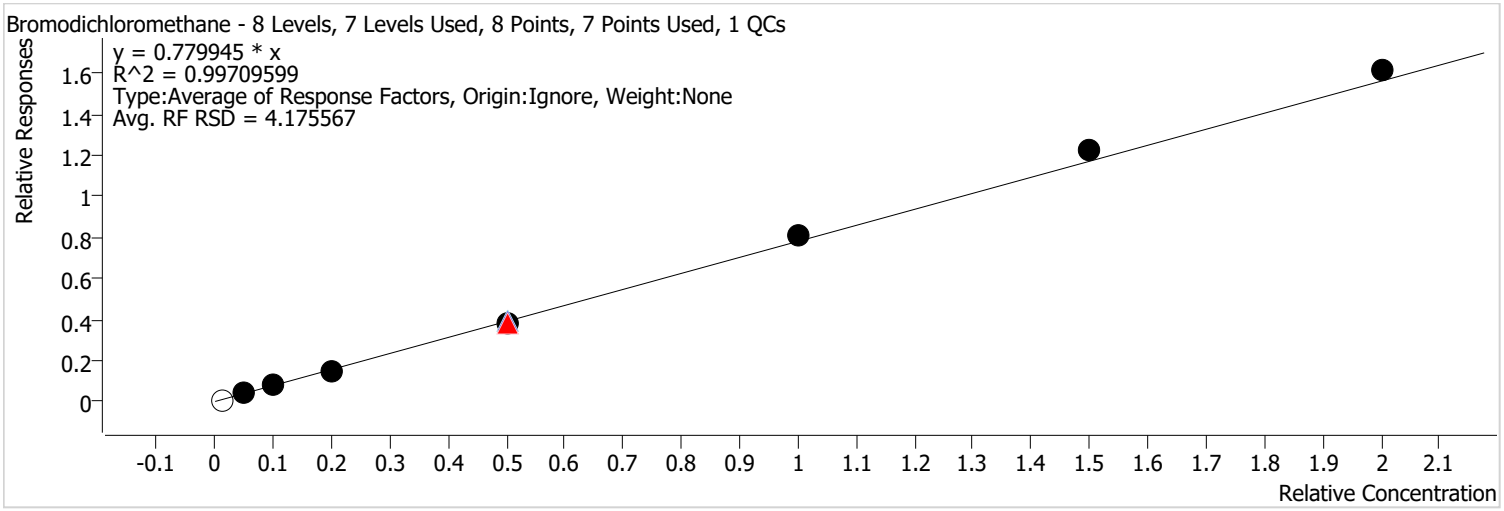
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4088	12.5000	0.2606	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	9095	25.0000	0.2833	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	16899	50.0000	0.2650	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	44657	125.0000	0.2703	
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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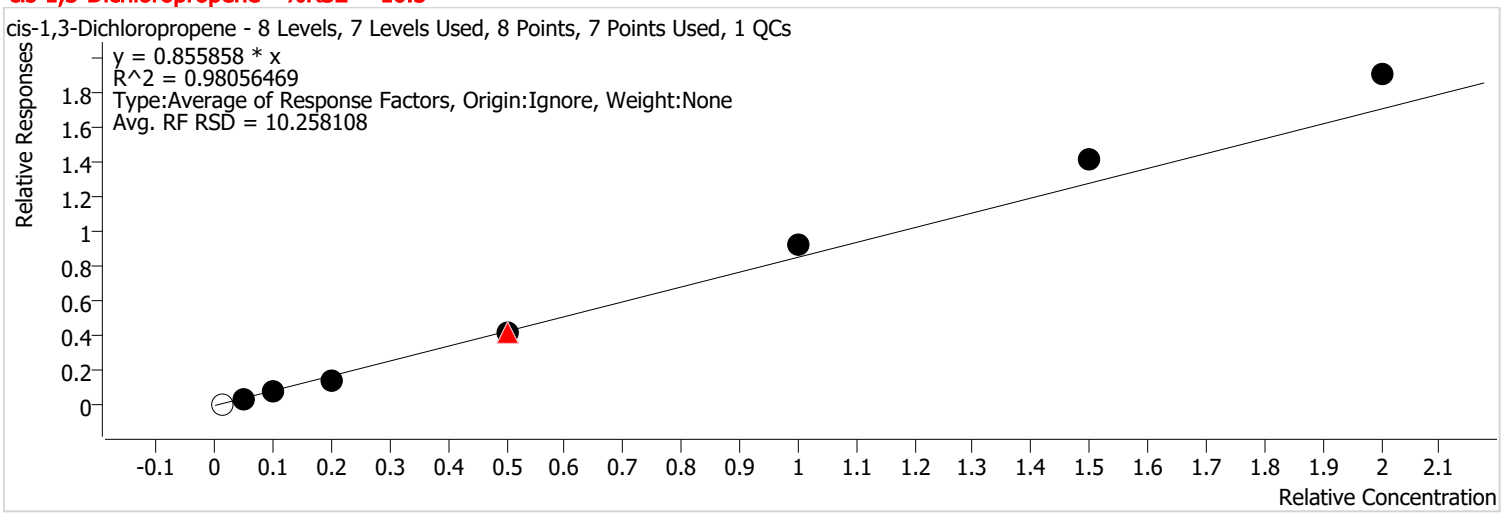
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	12025	12.5000	0.7666	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	24925	25.0000	0.7763	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	46426	50.0000	0.7280	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	124982	125.0000	0.7564	
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

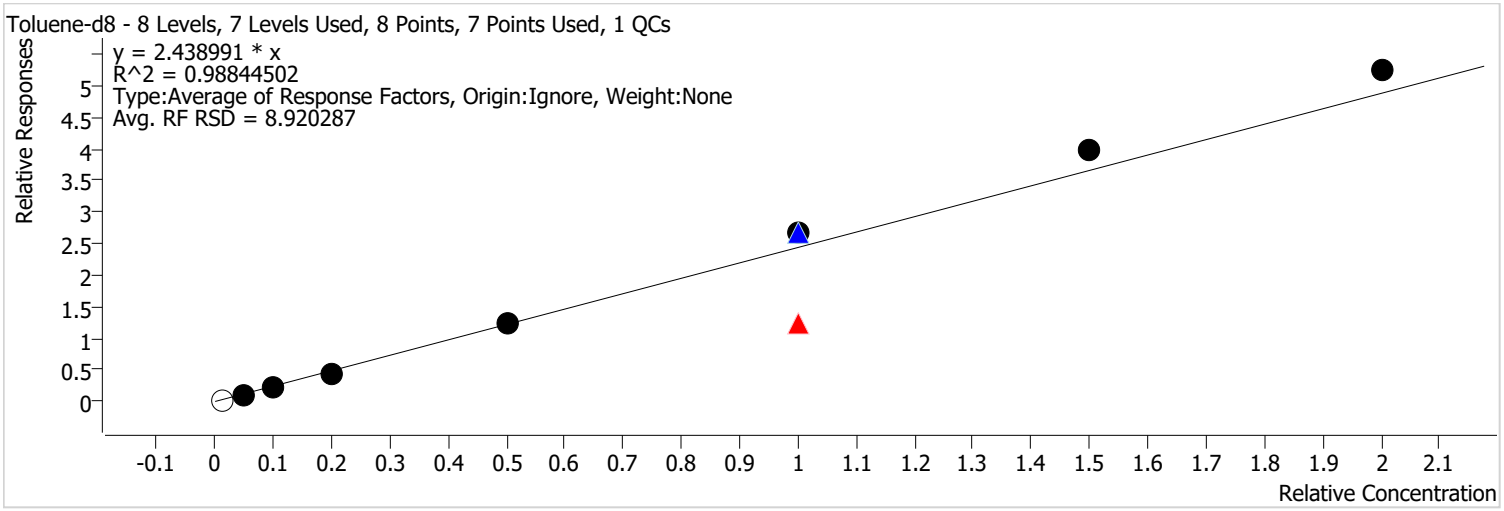
cis-1,3-Dichloropropene %RSE = 10.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG011922\19JAN04.D	Calibration	1		3052	2.5000	0.9643	
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

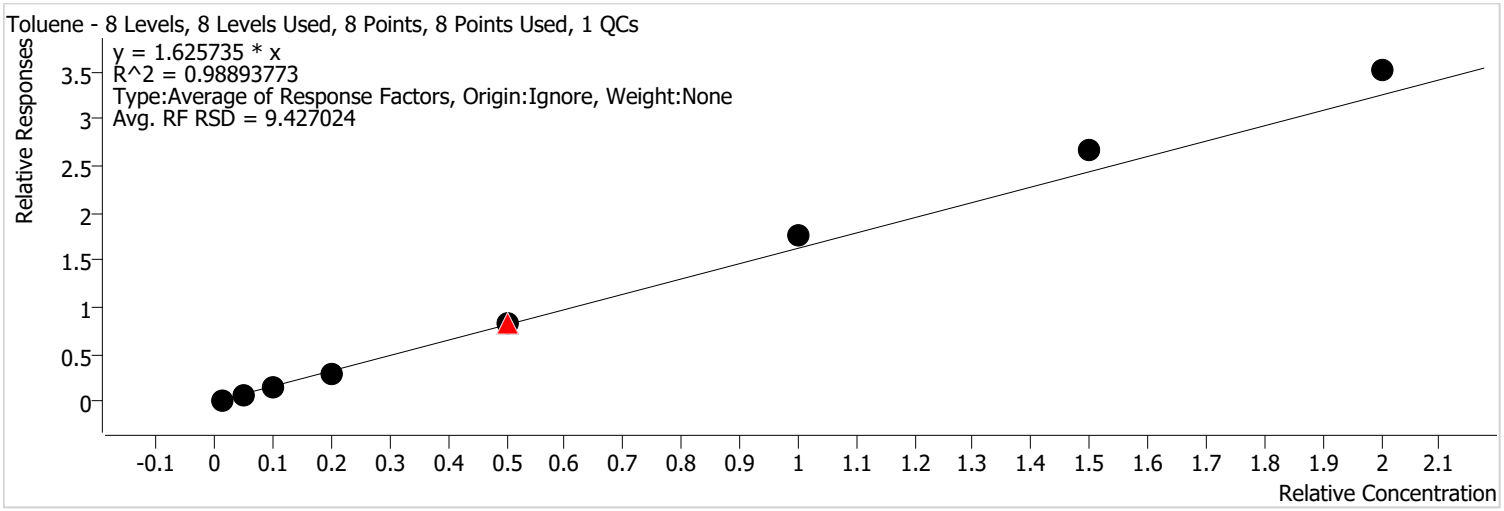
Toluene-d8 %RSE =



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

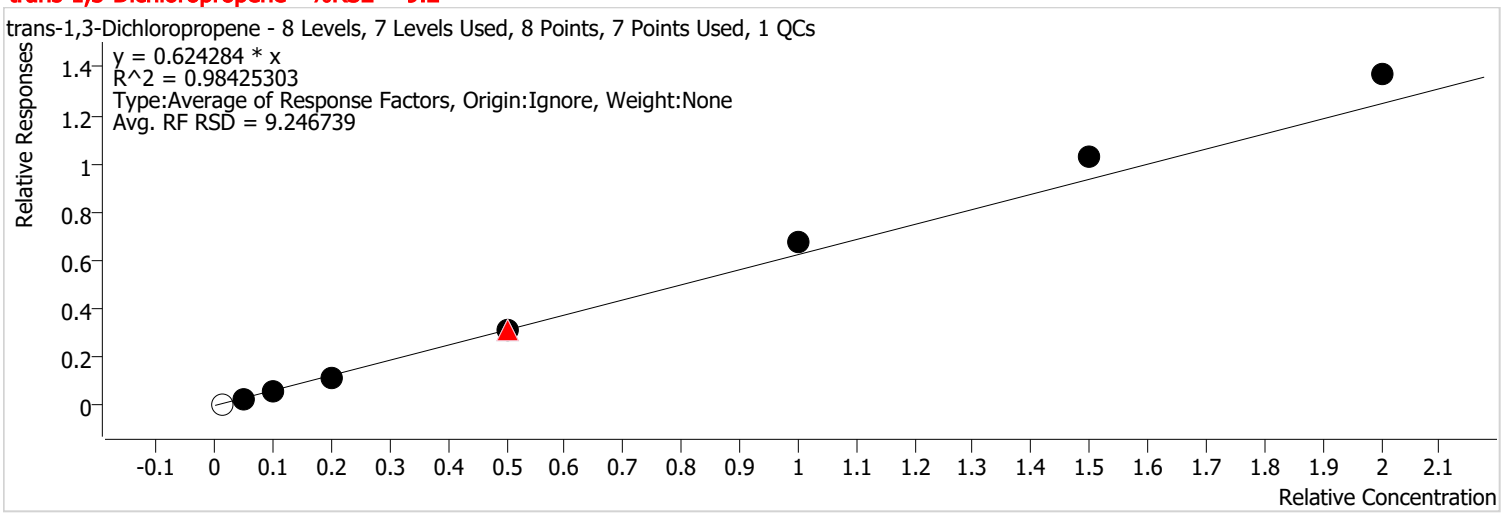
Toluene %RSE = 9.4



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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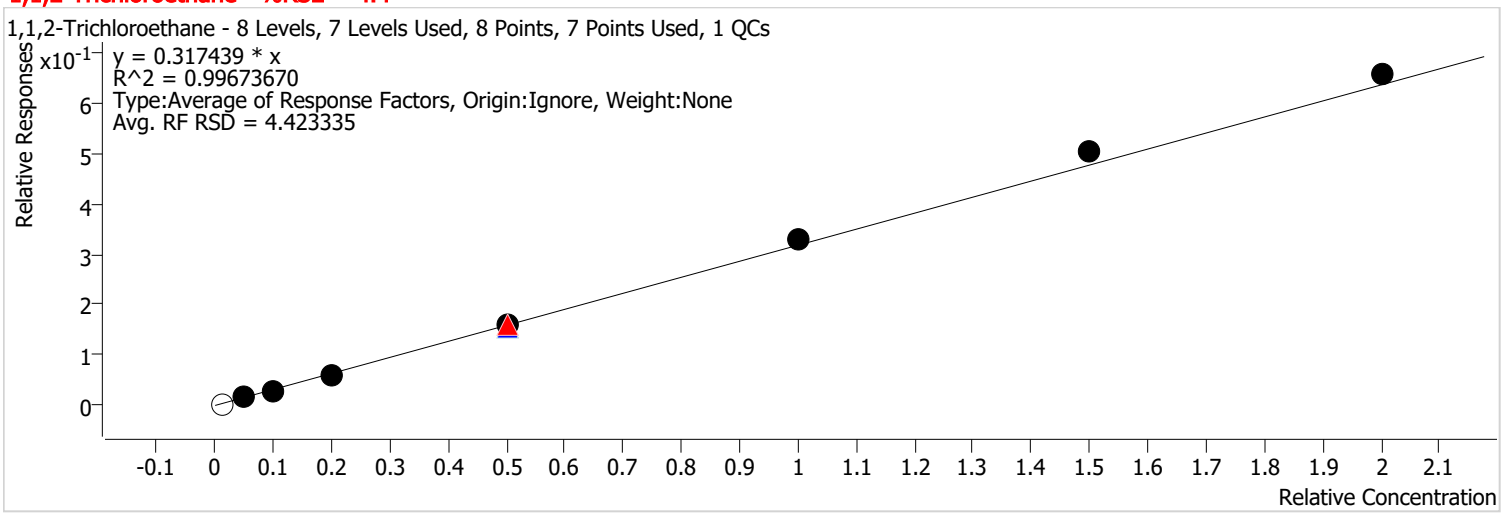
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	8755	12.5000	0.5581	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	18613	25.0000	0.5797	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	36009	50.0000	0.5646	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	102846	125.0000	0.6224	
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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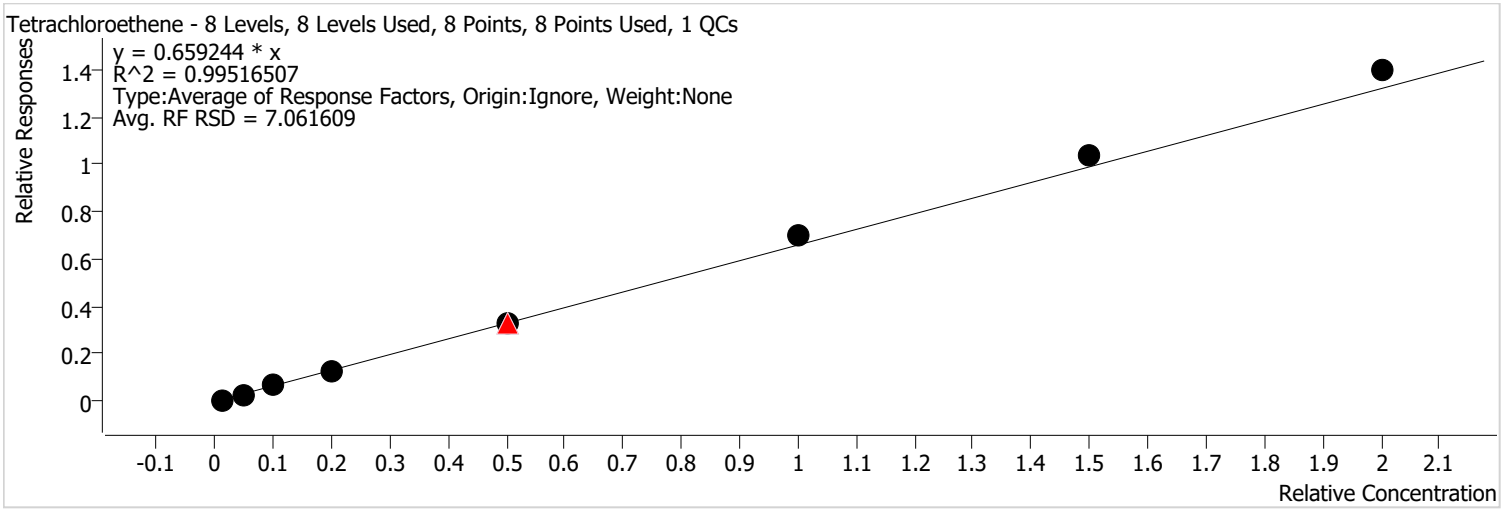
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4762	12.5000	0.3036	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	9780	25.0000	0.3046	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	19237	50.0000	0.3016	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	52780	125.0000	0.3194	
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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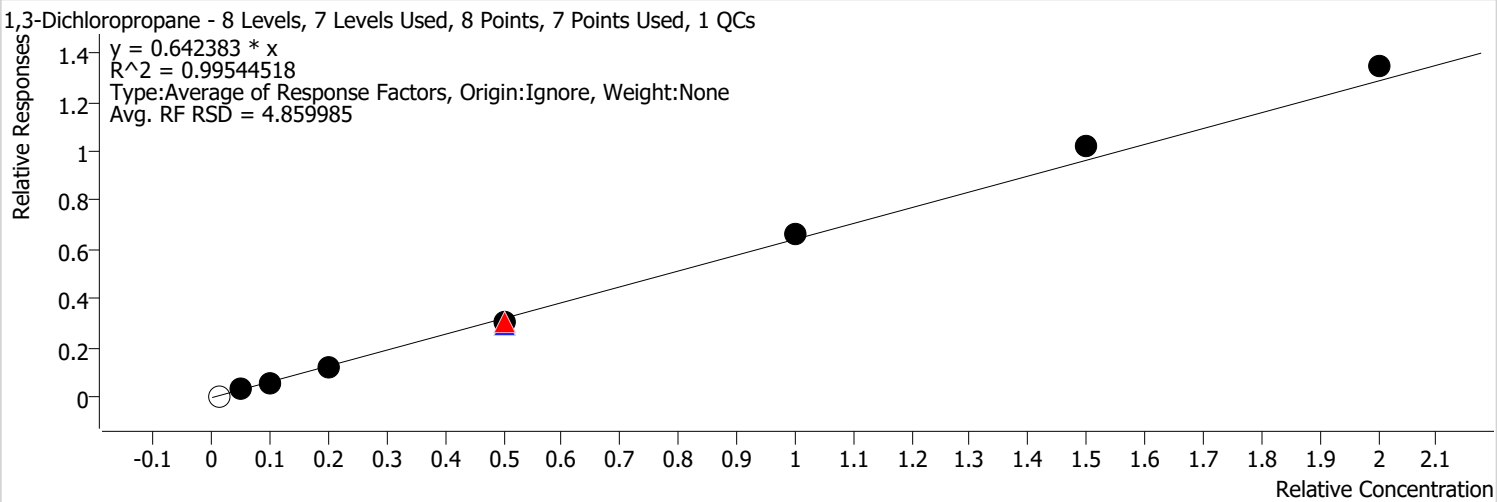
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	8964	12.5000	0.5715	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	21156	25.0000	0.6589	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38749	50.0000	0.6076	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	109194	125.0000	0.6608	
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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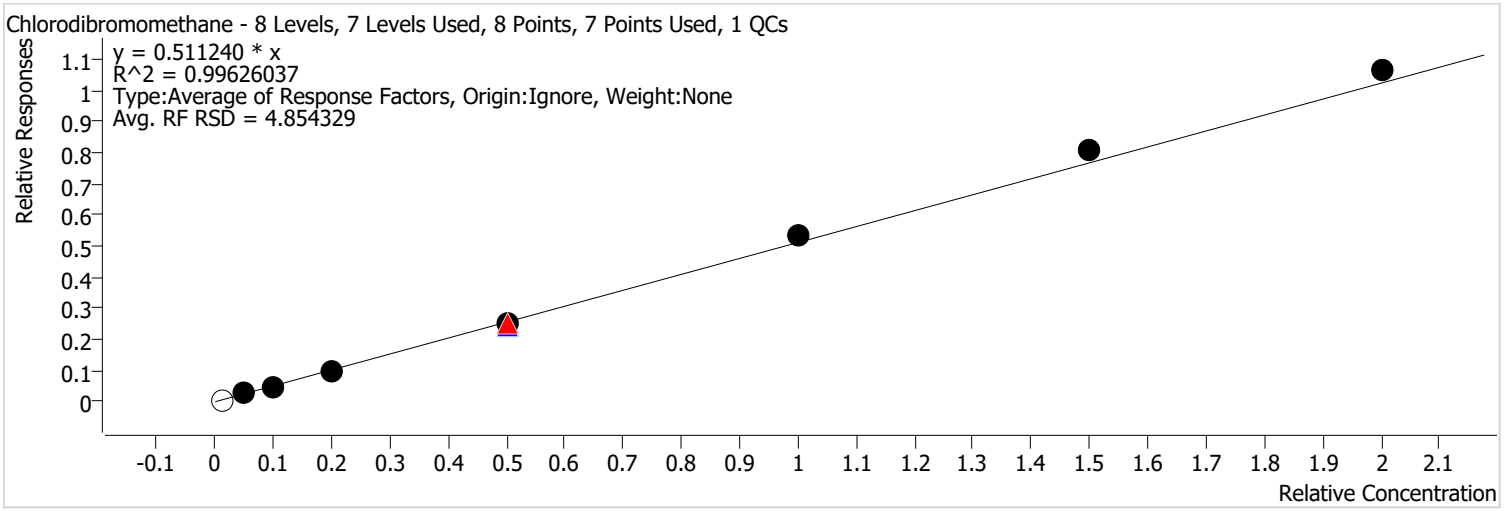
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9988	12.5000	0.6367	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20205	25.0000	0.6293	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	38147	50.0000	0.5981	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	101384	125.0000	0.6136	
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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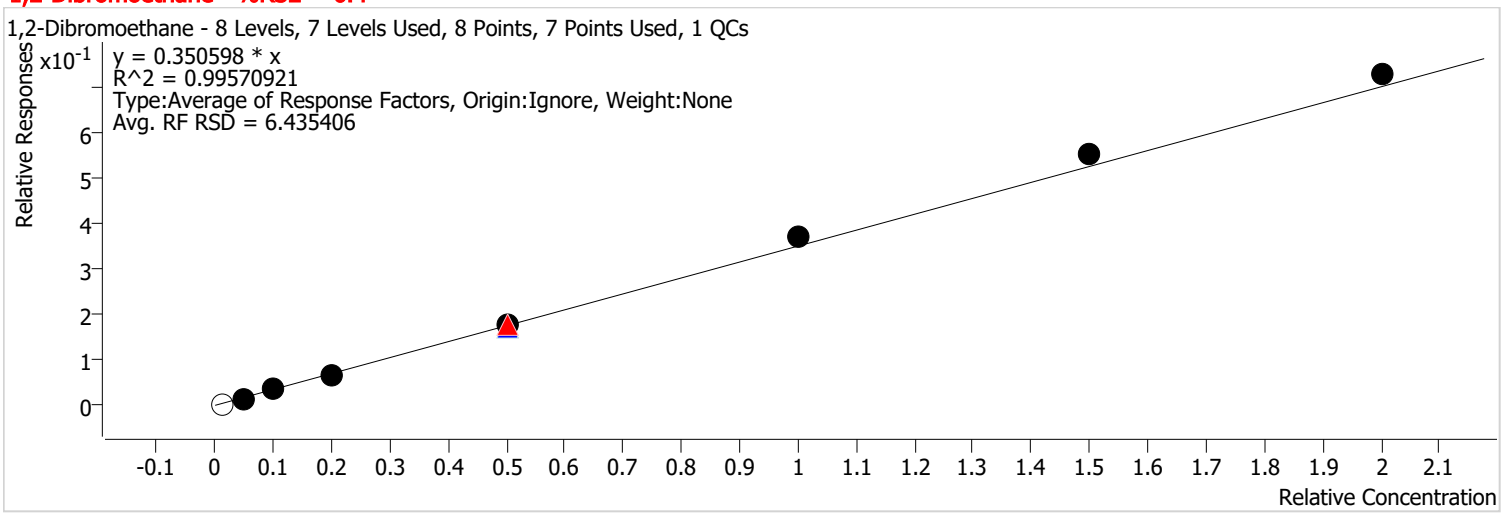
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	15826	25.0000	0.4929	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	30000	50.0000	0.4704	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	83172	125.0000	0.5034	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	81909	125.0000	0.4856	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	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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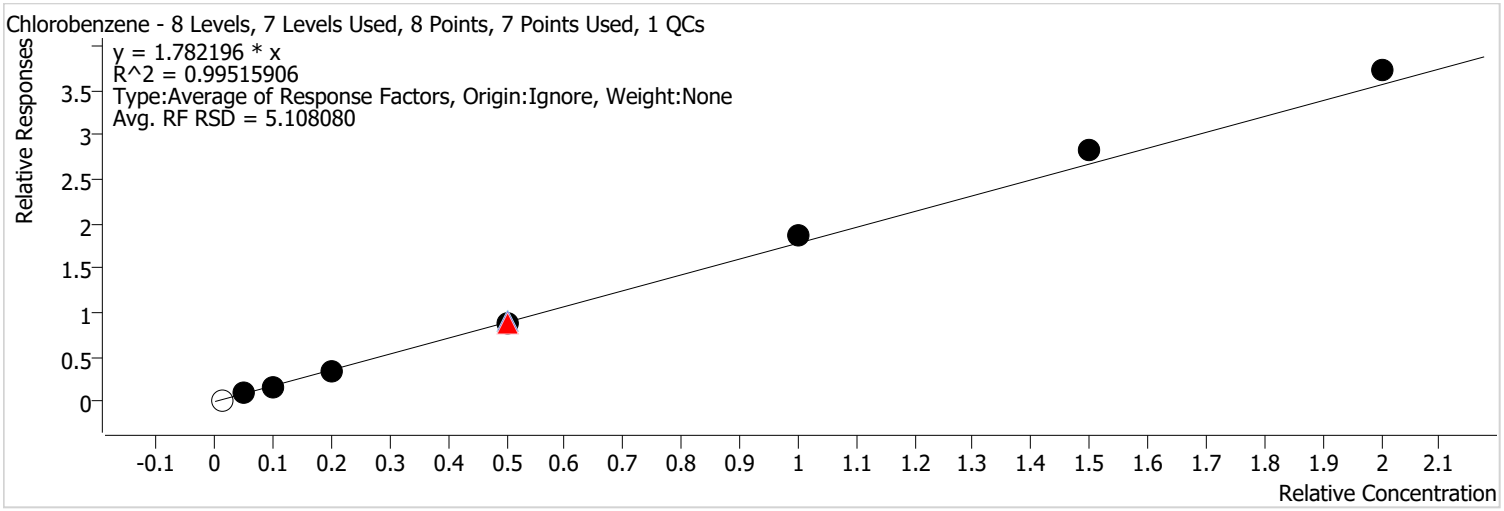
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4936	12.5000	0.3147	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	11412	25.0000	0.3554	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	20667	50.0000	0.3241	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	58489	125.0000	0.3540	
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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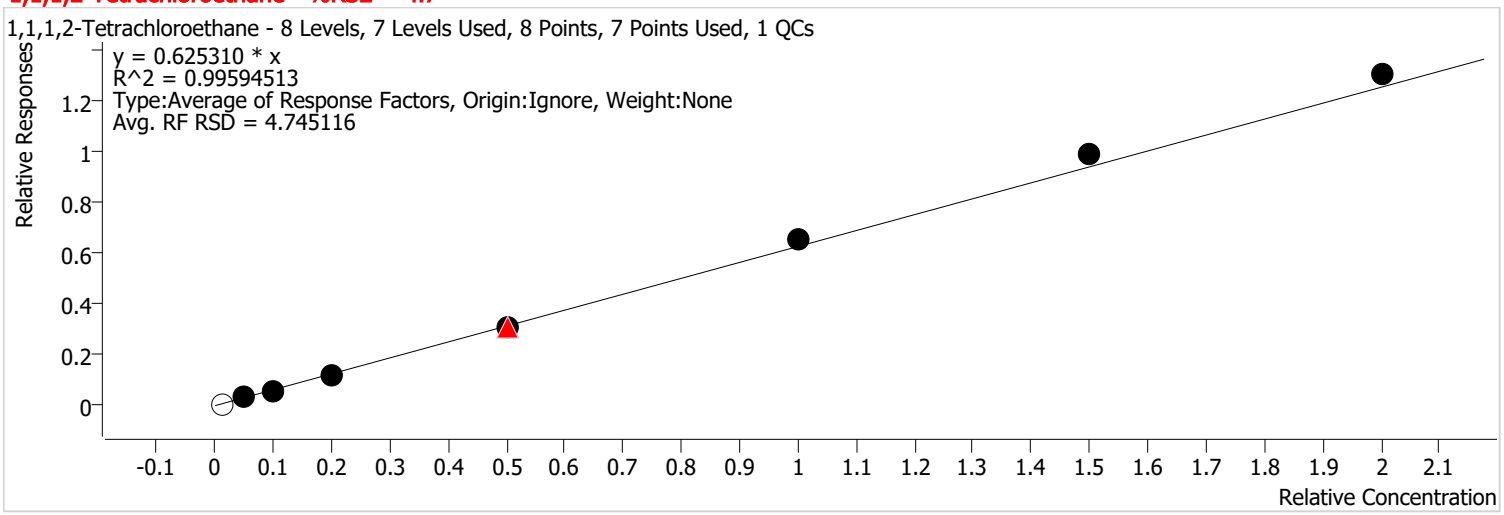
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	55632	25.0000	1.7326	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	106223	50.0000	1.6656	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	289340	125.0000	1.7511	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	307100	125.0000	1.8205	
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
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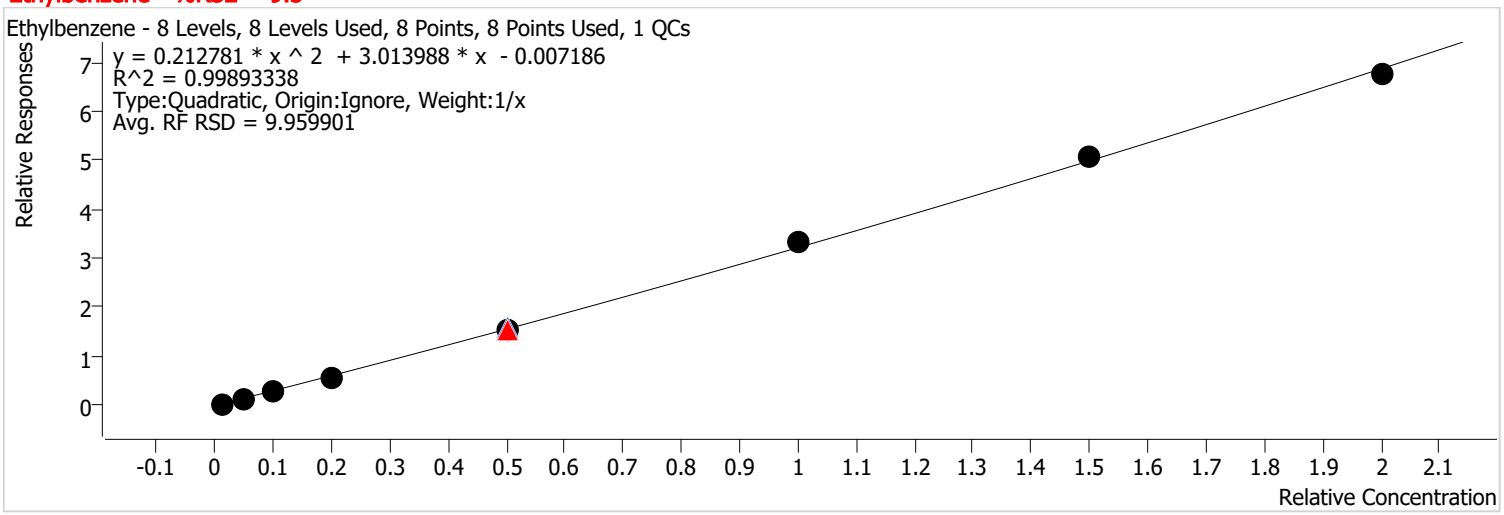
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9446	12.5000	0.6022	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	19516	25.0000	0.6078	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	37389	50.0000	0.5863	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	101500	125.0000	0.6143	
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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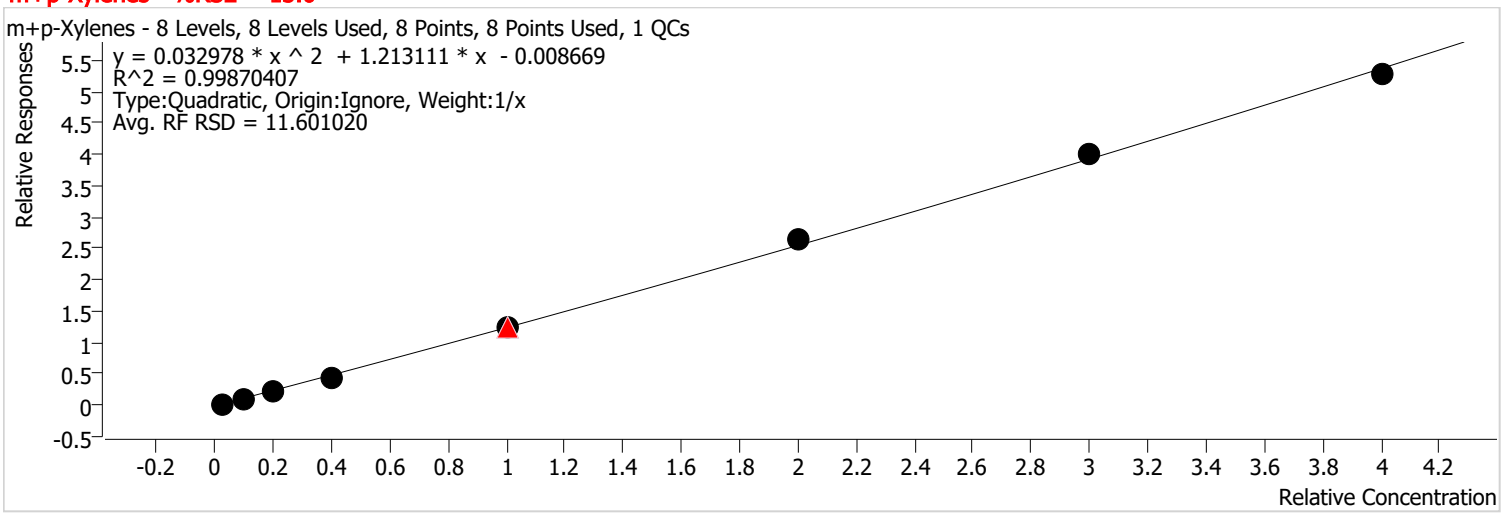
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	42980	12.5000	2.7400	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	91590	25.0000	2.8524	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	171854	50.0000	2.6947	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	505127	125.0000	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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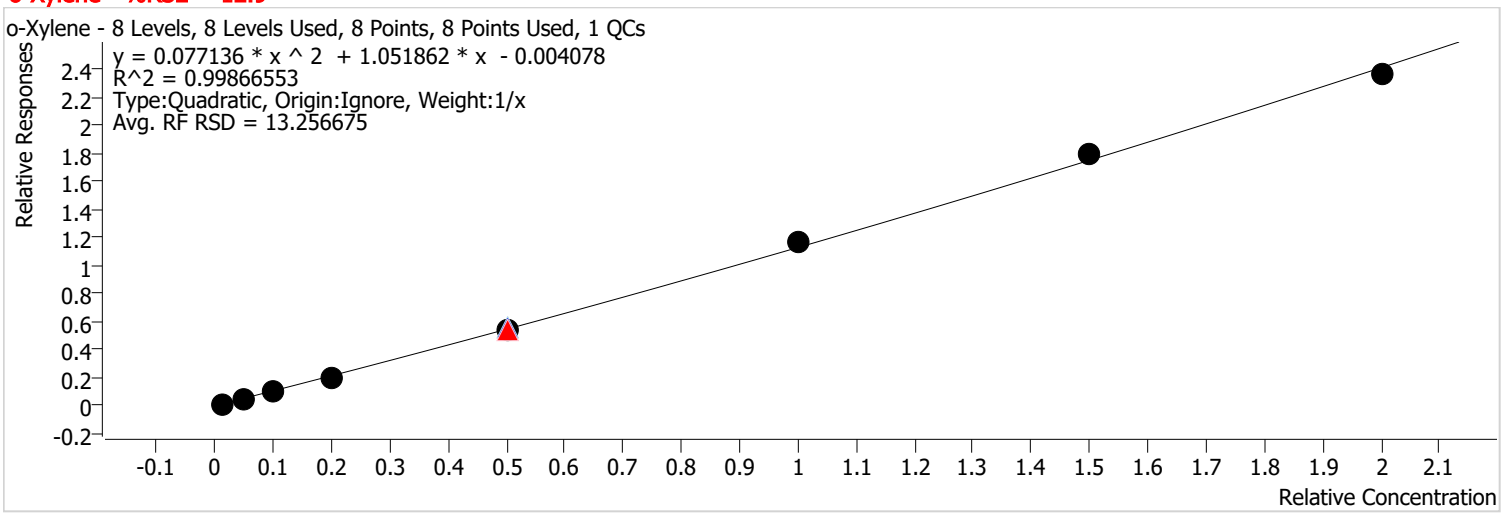
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	31103	25.0000	0.9914	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	71705	50.0000	1.1166	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	136806	100.0000	1.0726	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	405724	250.0000	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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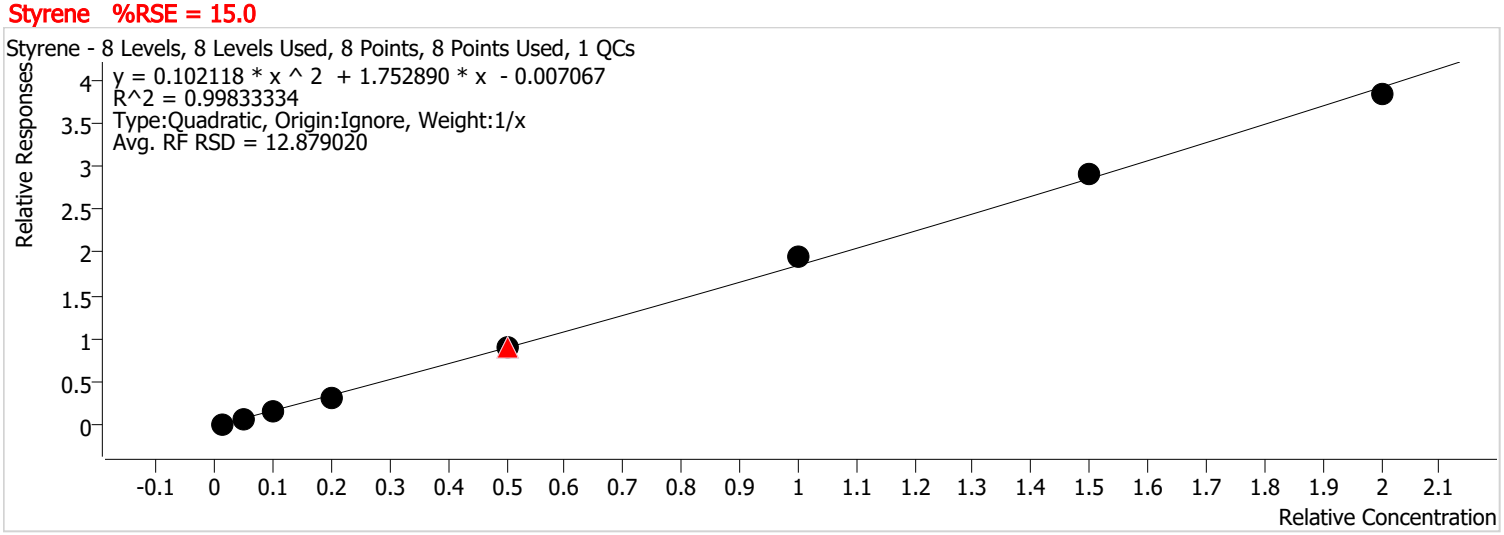
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	13717	12.5000	0.8745	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	30498	25.0000	0.9498	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	58814	50.0000	0.9222	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	179108	125.0000	1.0840	
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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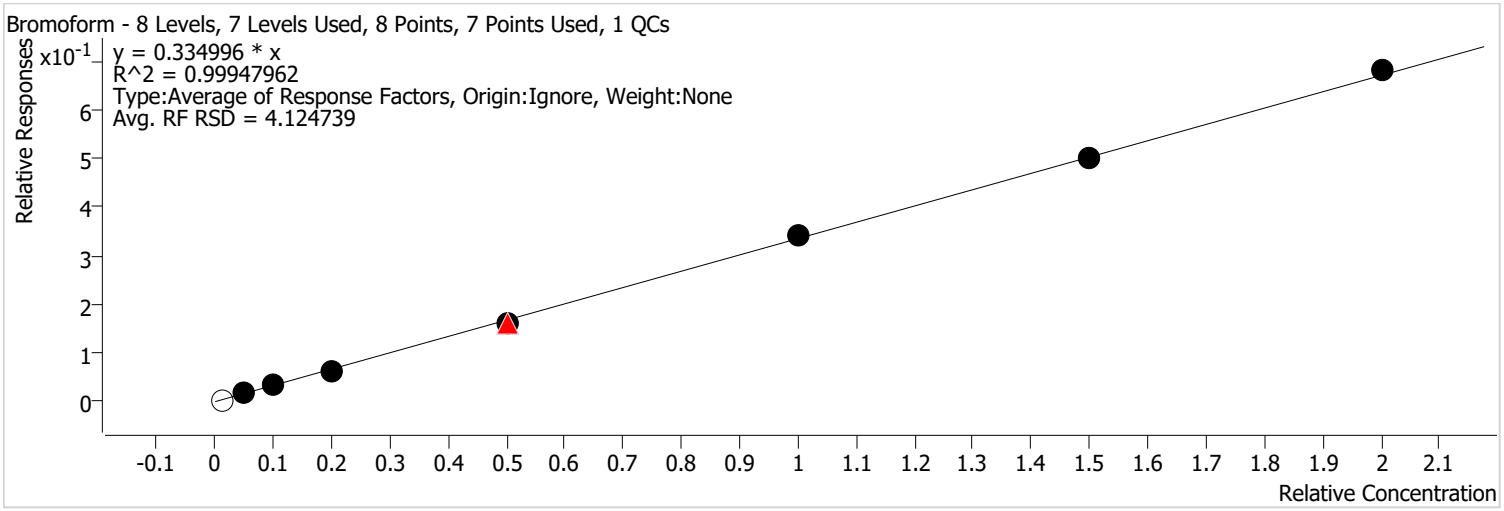
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	21872	12.5000	1.3944	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	50294	25.0000	1.5663	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	97810	50.0000	1.5337	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	292722	125.0000	1.7716	
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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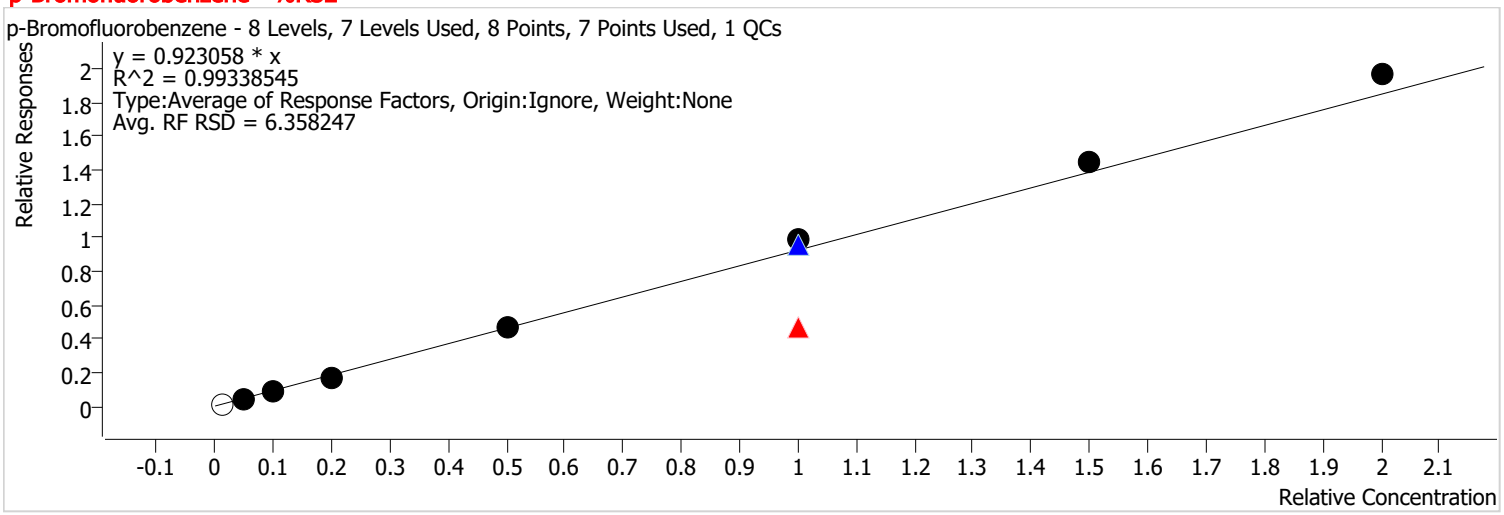
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	4402	12.5000	0.3494	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	8920	25.0000	0.3448	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	16290	50.0000	0.3097	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	45045	125.0000	0.3241	
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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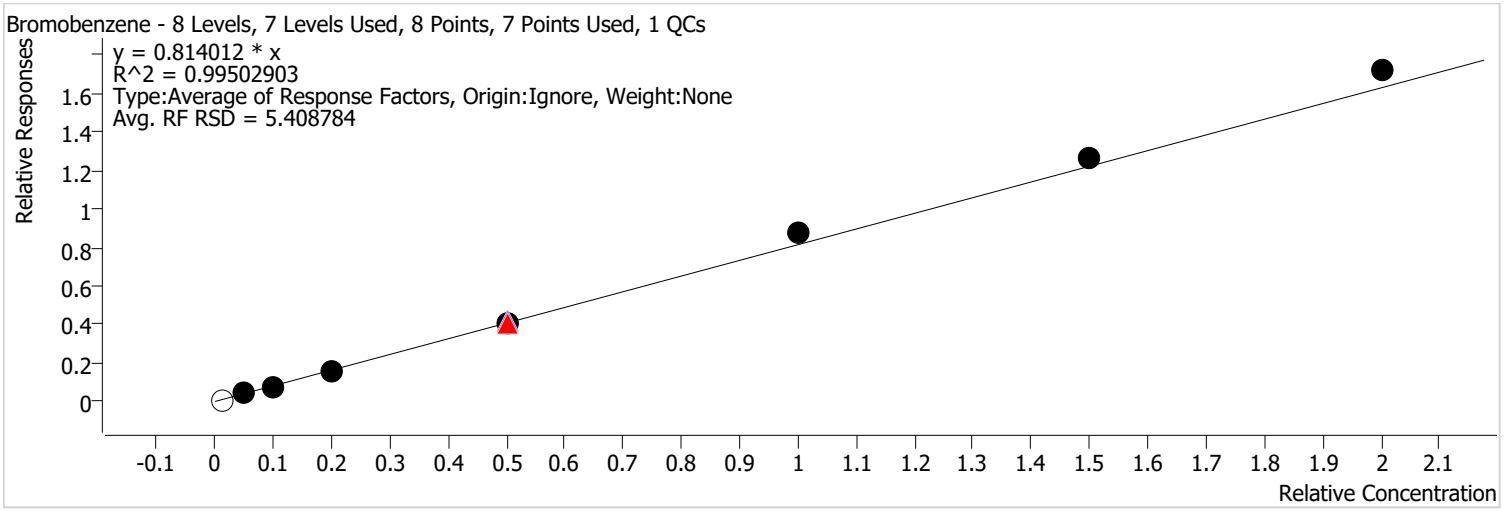
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	10669	12.5000	0.8469	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	23160	25.0000	0.8953	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	45114	50.0000	0.8578	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	128330	125.0000	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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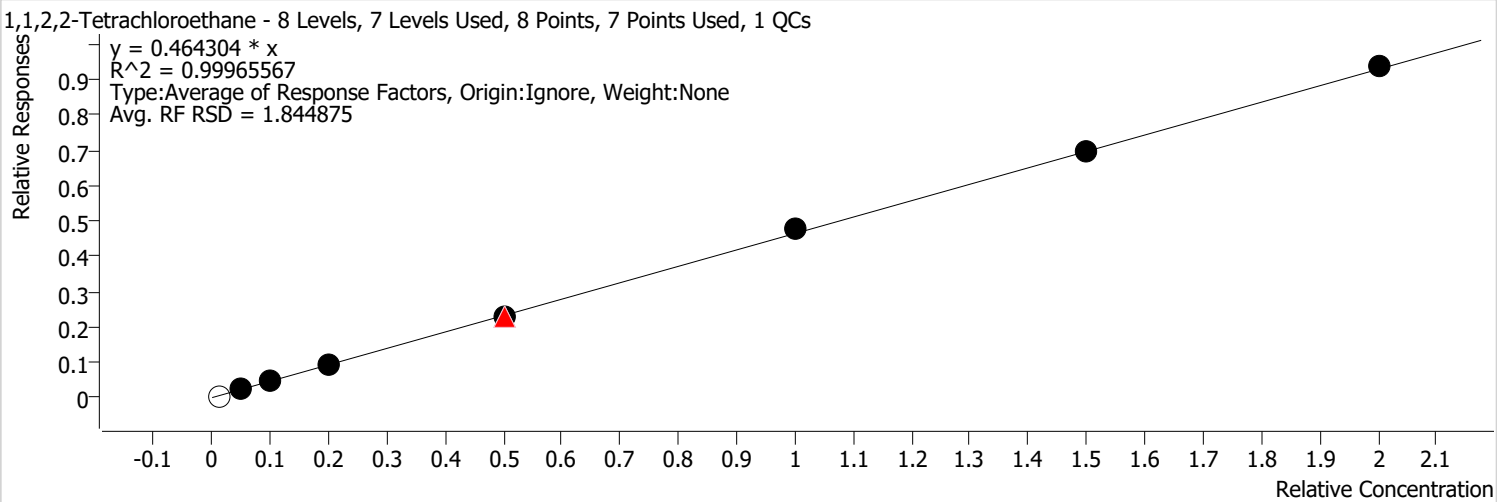
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9784	12.5000	0.7767	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20364	25.0000	0.7872	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	39639	50.0000	0.7537	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	112733	125.0000	0.8110	
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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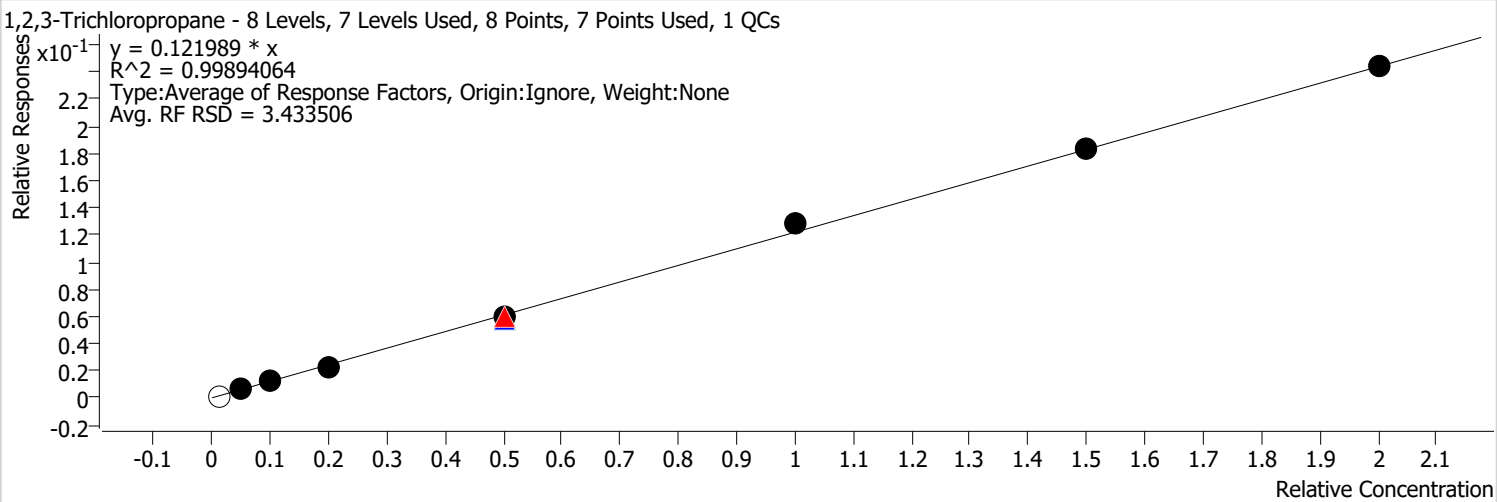
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	5757	12.5000	0.4570	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	12137	25.0000	0.4692	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	24493	50.0000	0.4657	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	62640	125.0000	0.4506	
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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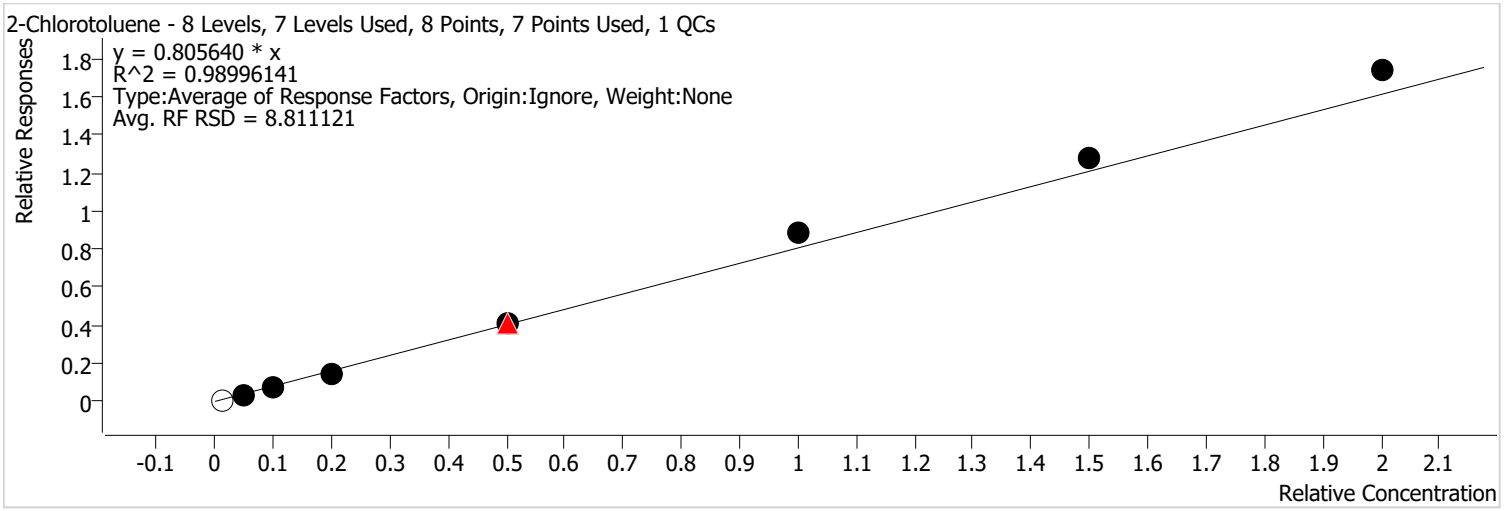
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	3237	25.0000	0.1251	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	6147	50.0000	0.1169	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	16355	125.0000	0.1177	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	16507	125.0000	0.1164	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	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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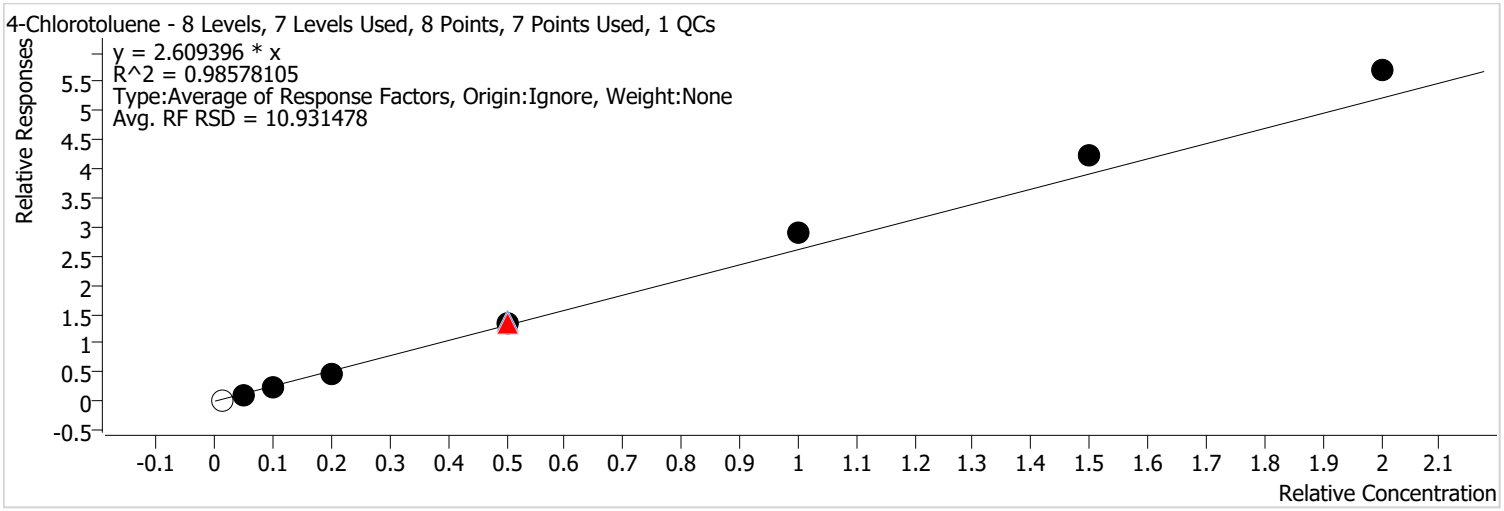
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	9032	12.5000	0.7170	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	20511	25.0000	0.7929	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	37139	50.0000	0.7062	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	114135	125.0000	0.8211	
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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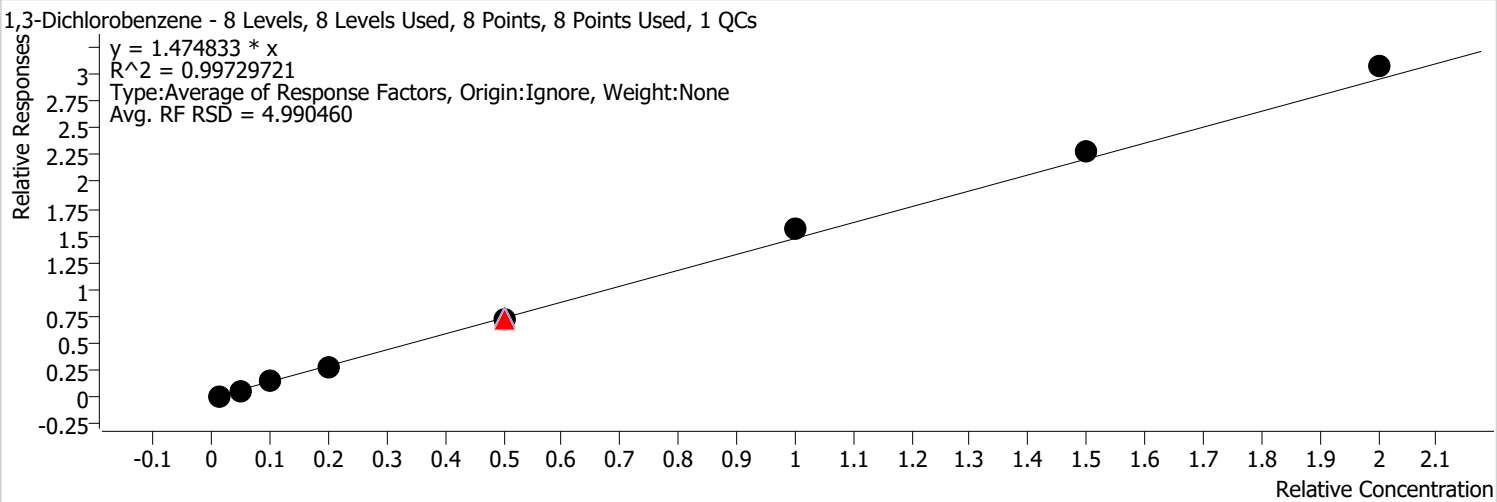
D:\Org\Data\VOA5975C\VG011922\19JAN05.D	Calibration	2	x	26850	12.5000	2.1314	
D:\Org\Data\VOA5975C\VG011922\19JAN06.D	Calibration	3	x	64162	25.0000	2.4802	
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	125553	50.0000	2.3873	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	375931	125.0000	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



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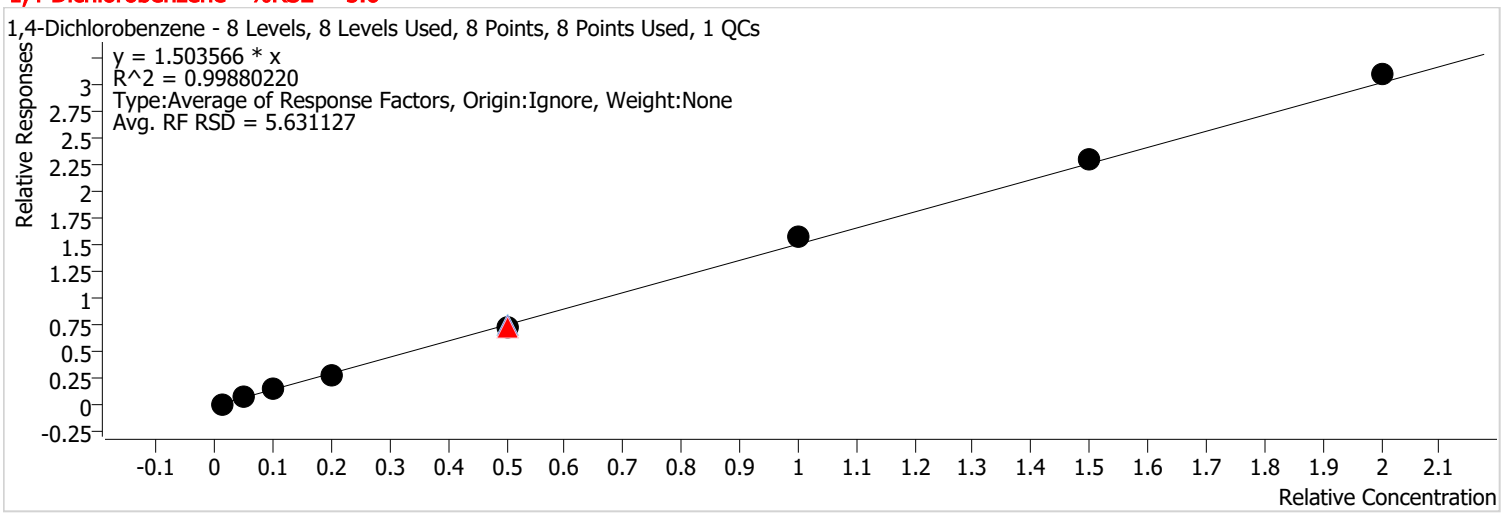
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	73221	50.0000	1.3923	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	200403	125.0000	1.4417	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	214054	125.0000	1.5091	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	200403	125.0000	1.4417	
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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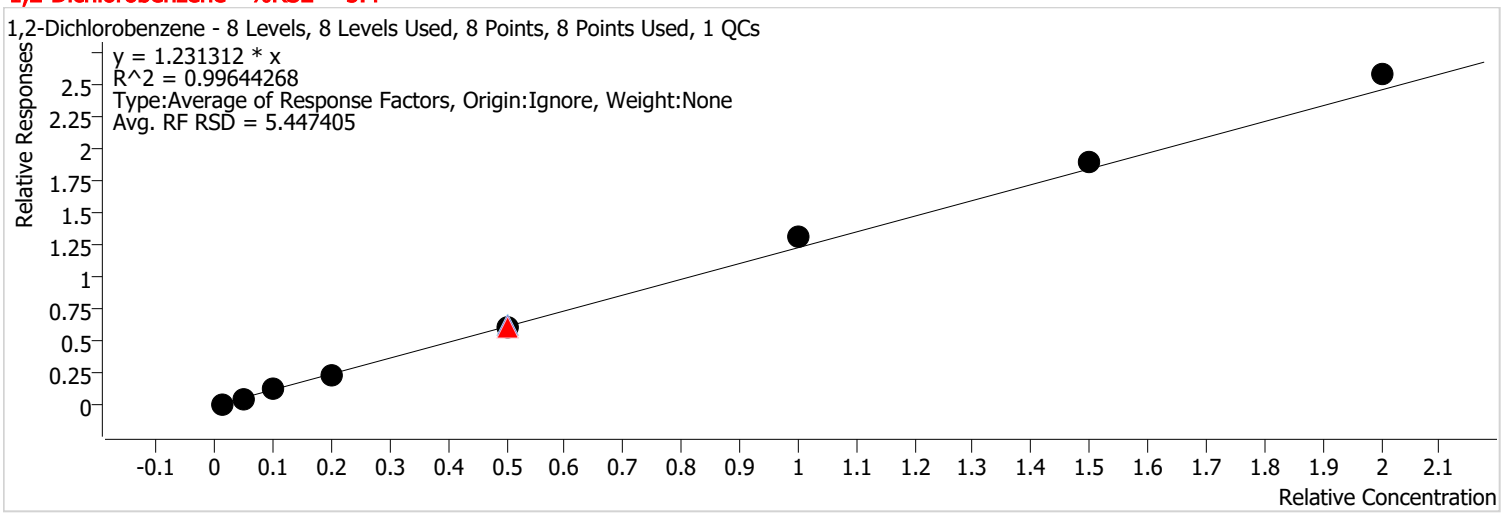
D:\Org\Data\VOA5975C\VG011922\19JAN07.D	Calibration	4	x	72168	50.0000	1.3723	
D:\Org\Data\VOA5975C\VG011922\19JAN09CC.D	CC	CC	x	205880	125.0000	1.4811	
D:\Org\Data\VOA5975C\VG011922\19JAN17.D	QC	QC	x	216533	125.0000	1.5266	
D:\Org\Data\VOA5975C\VG011922\19JAN09.D	Calibration	5	x	205880	125.0000	1.4811	
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	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	899595	500.0000	1.5408	

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	
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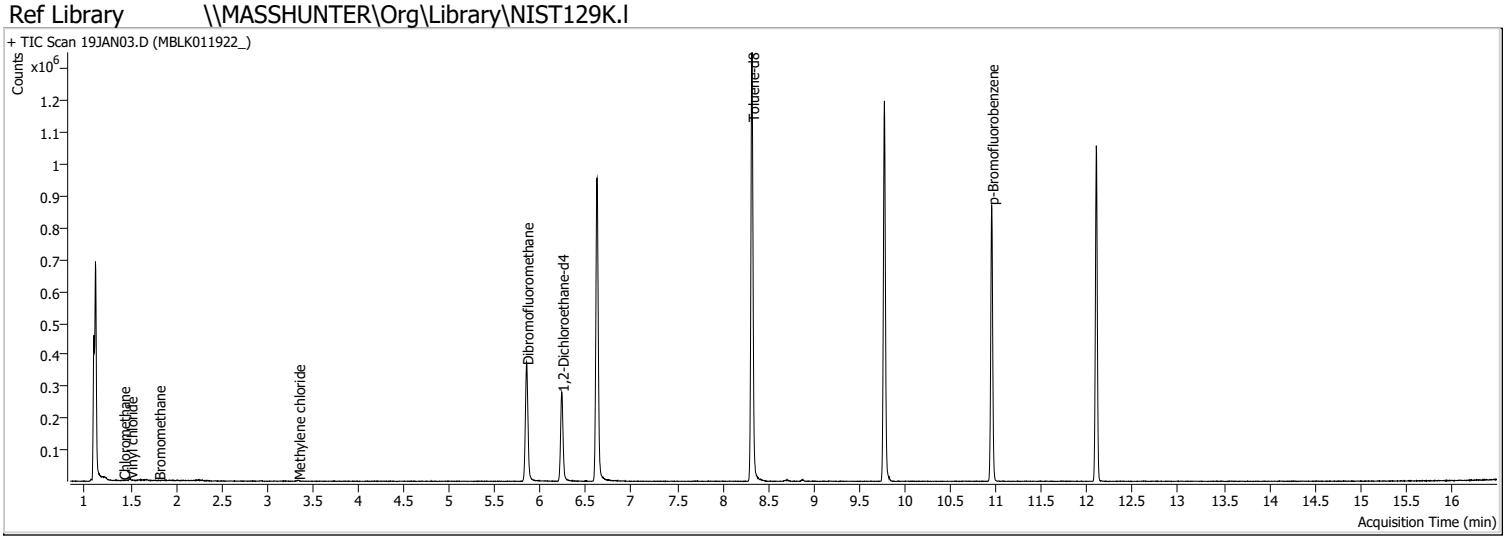
D:\Org\Data\VOA5975C\VG011922\19JAN11.D	Calibration	6	x	366153	250.0000	1.3074	
D:\Org\Data\VOA5975C\VG011922\19JAN13.D	Calibration	7	x	546389	375.0000	1.2694	
D:\Org\Data\VOA5975C\VG011922\19JAN15.D	Calibration	8	x	753439	500.0000	1.2905	

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		

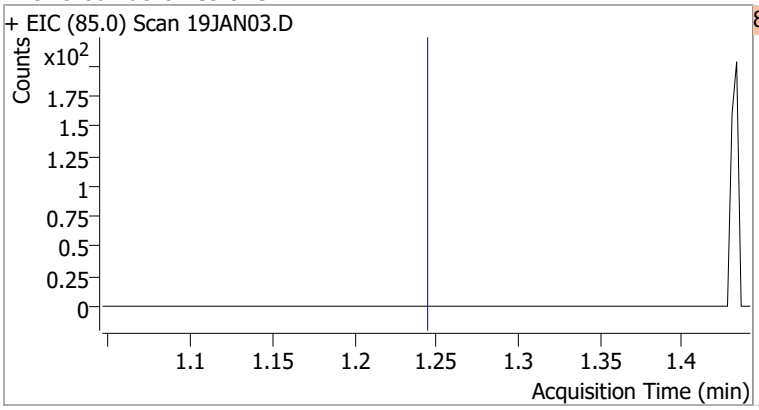


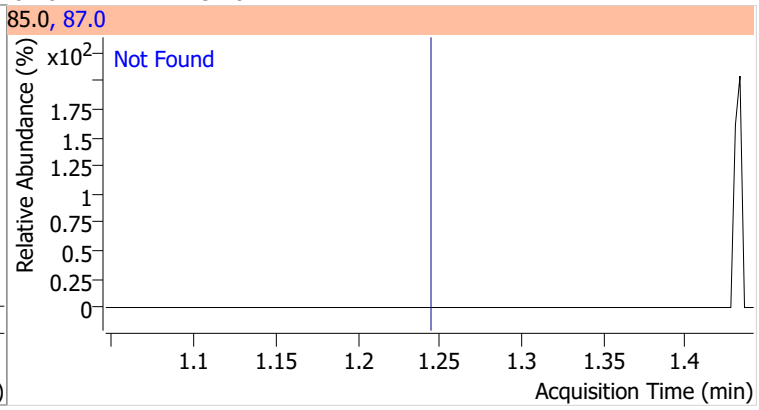
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	812130	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	329825	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	253834	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	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.		

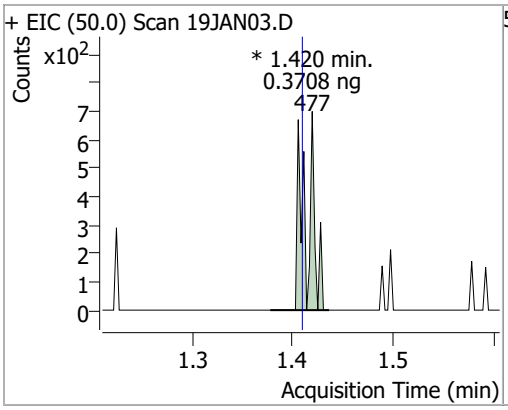
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

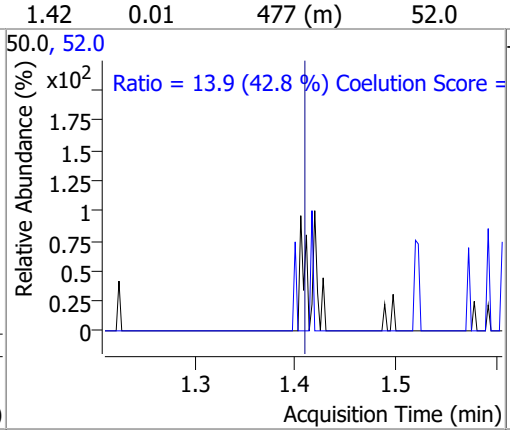
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

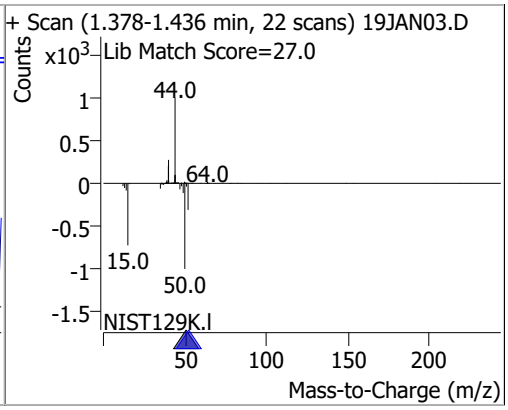




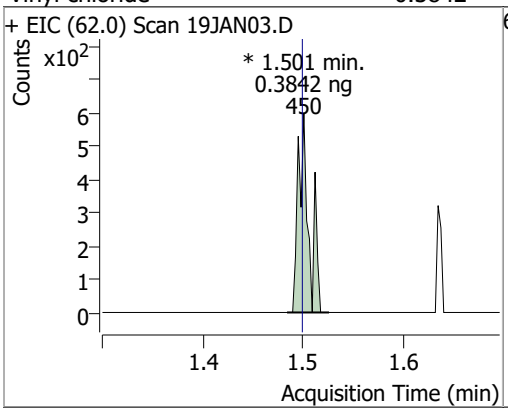
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.3708	1.42	0.01	477 (m)	52.0	13.9	2.4	62.4

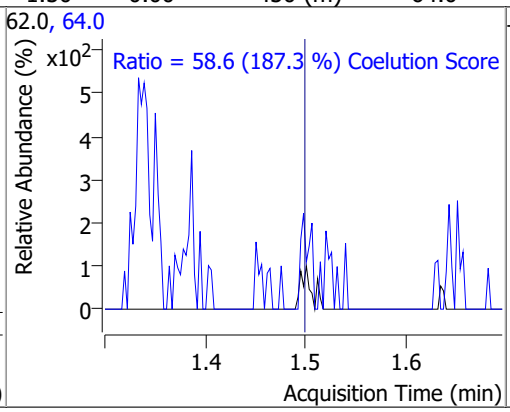


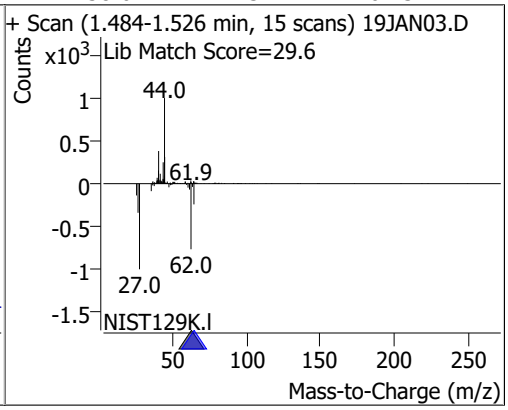




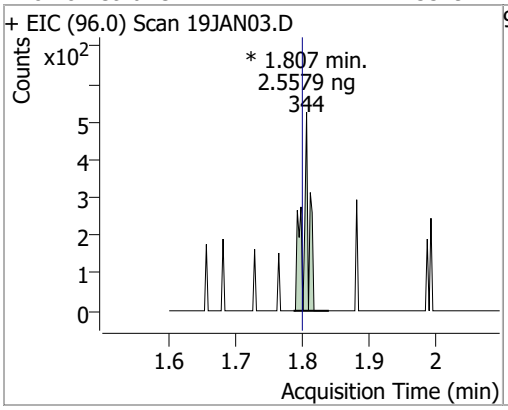
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	0.3842	1.50	0.00	450 (m)	64.0	58.6	1.3	61.3

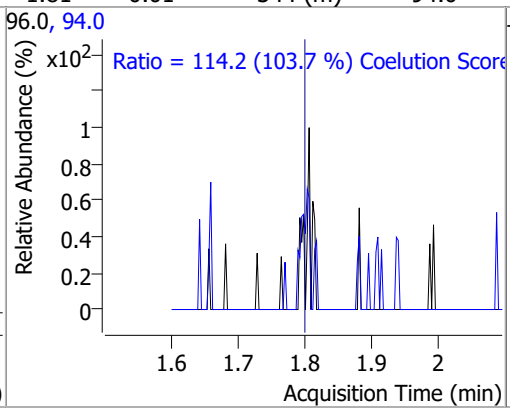


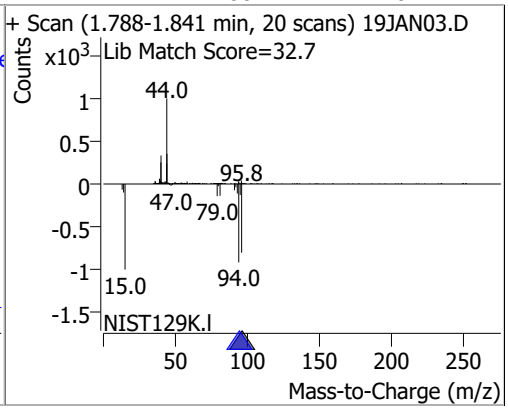




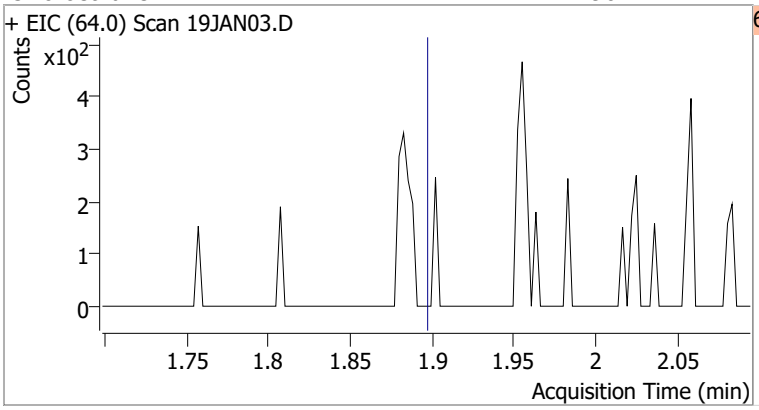
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	2.5579	1.81	0.01	344 (m)	94.0	114.2	80.1	140.1

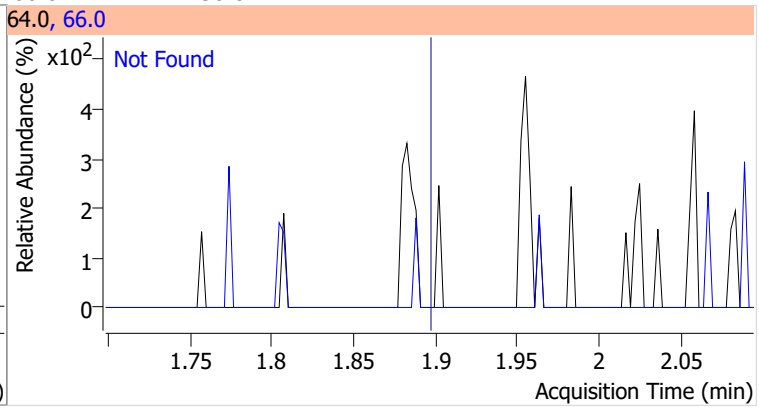




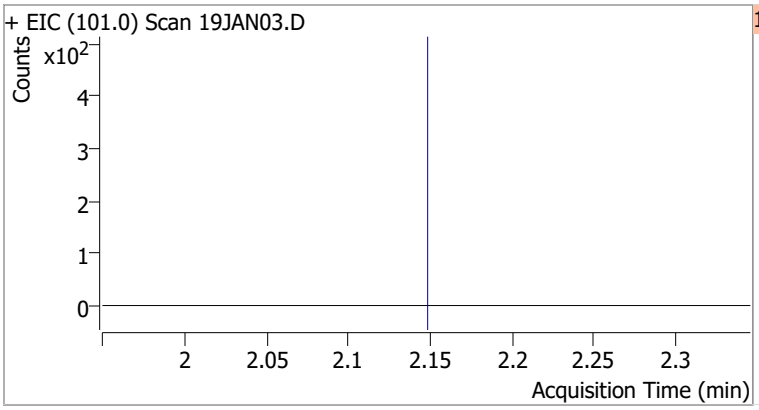


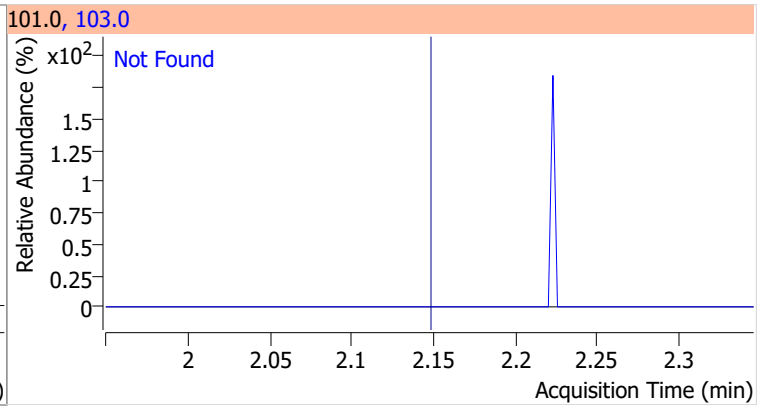
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



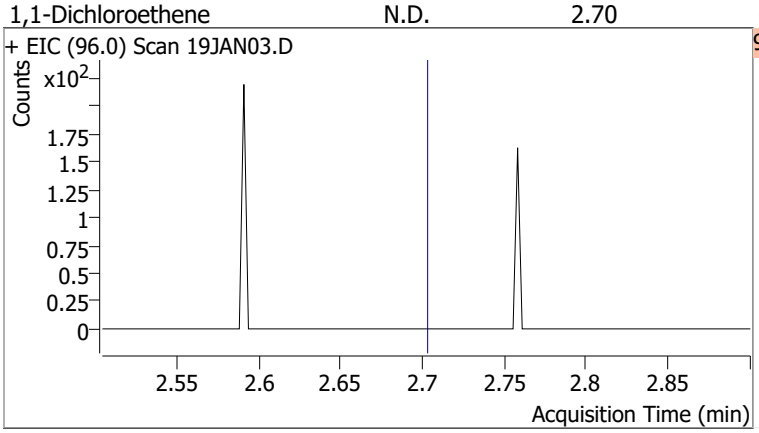


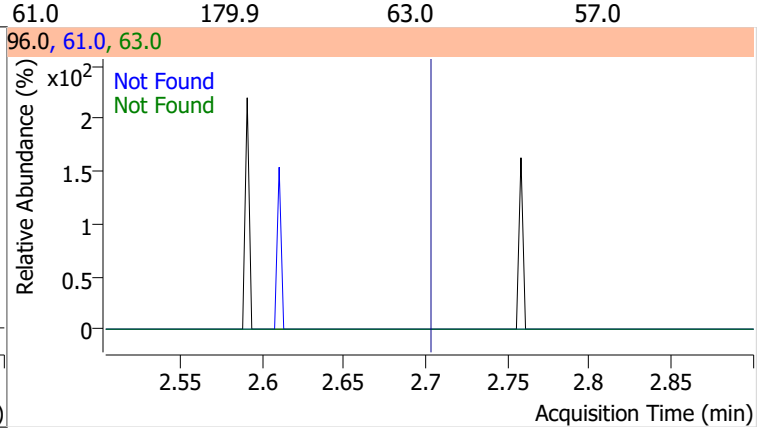
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



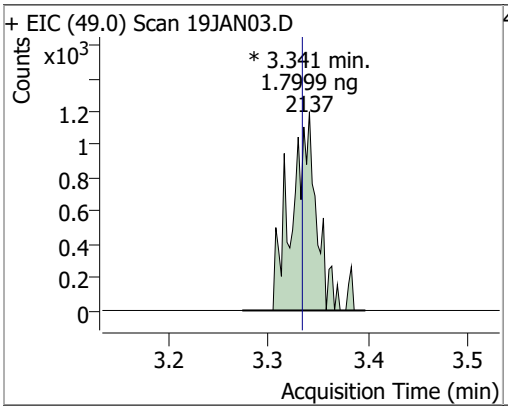


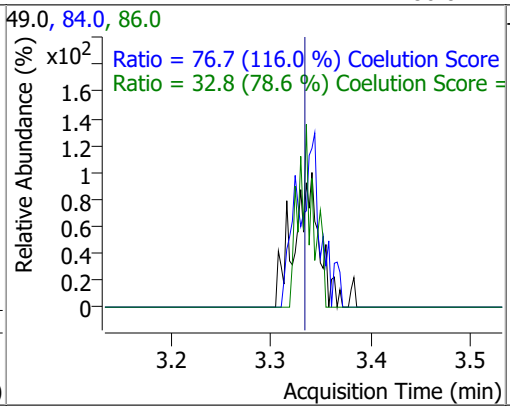
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

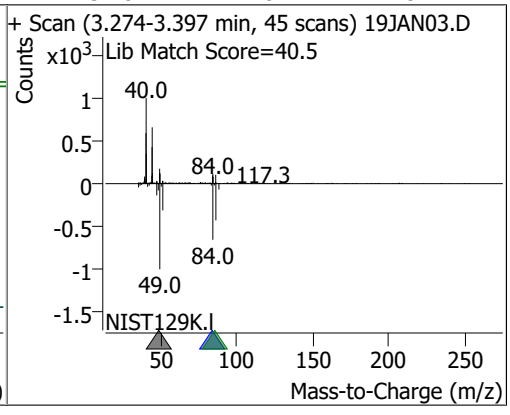




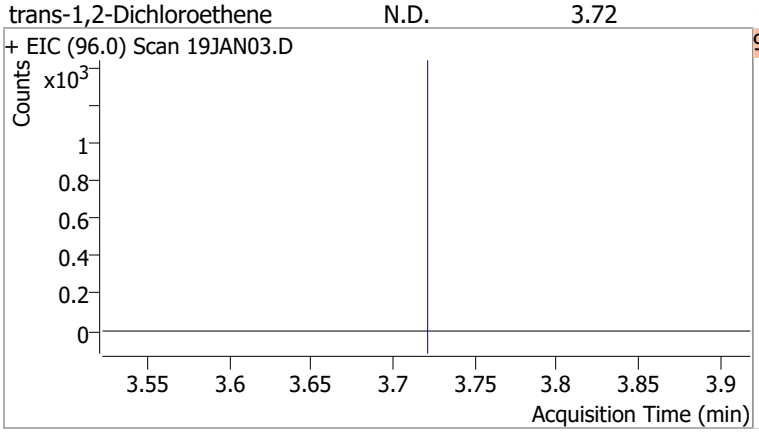
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.7999	3.34	0.01	2137 (m)	84.0	76.7	36.1	96.1
					86.0	32.8	11.8	71.8

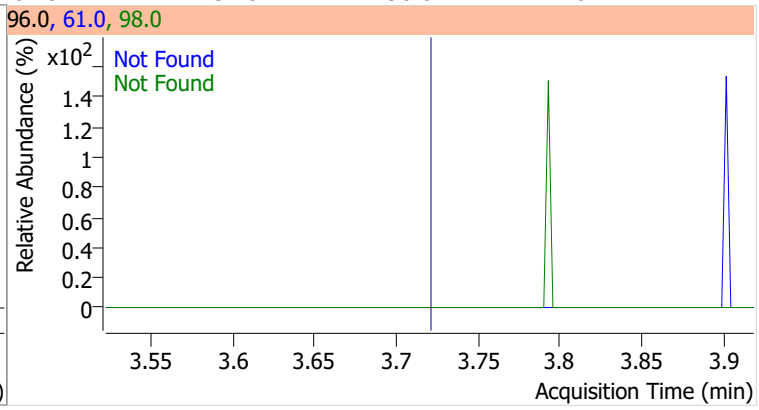




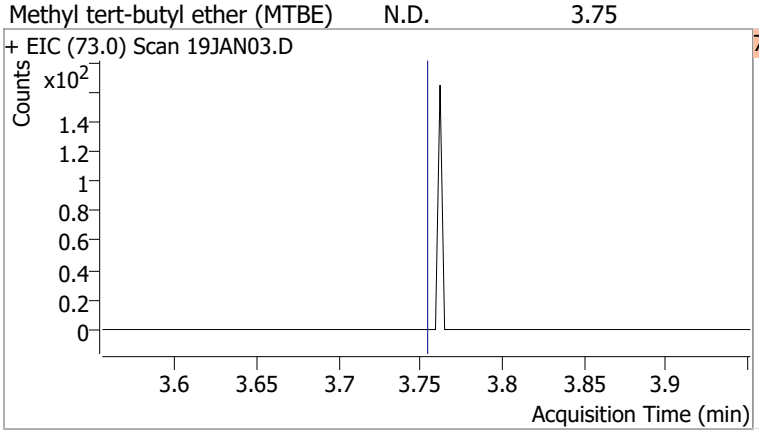


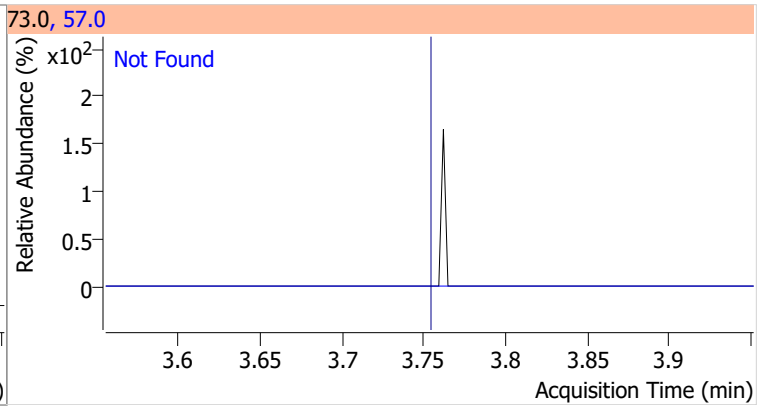
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



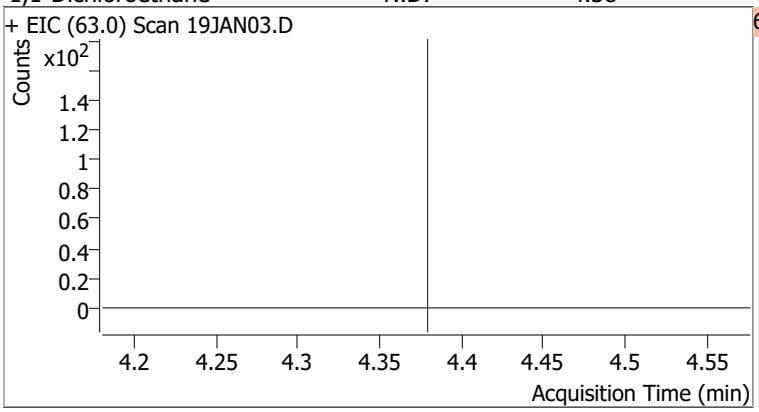


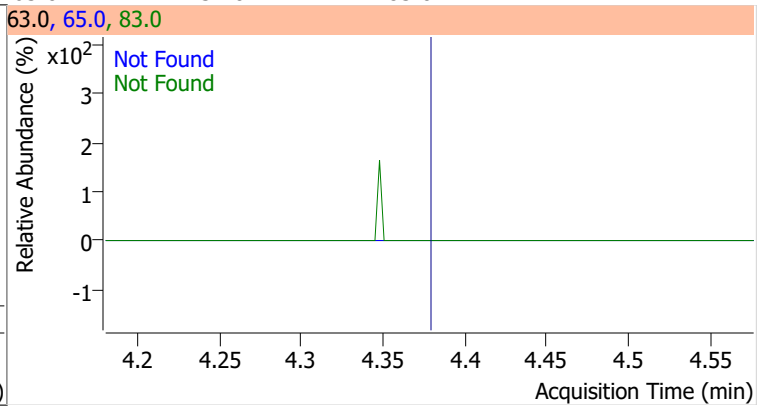
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



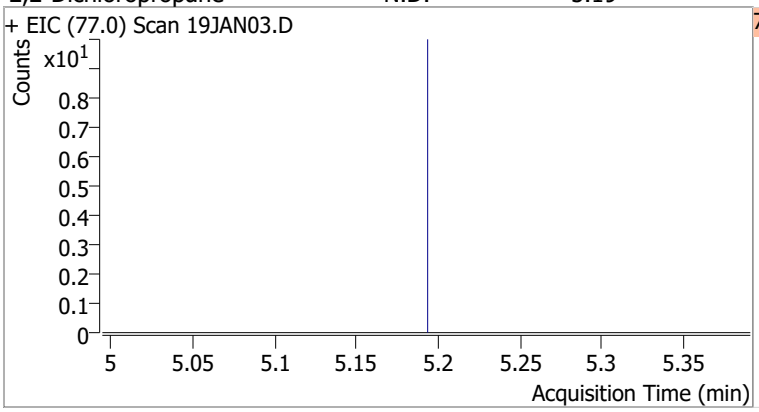


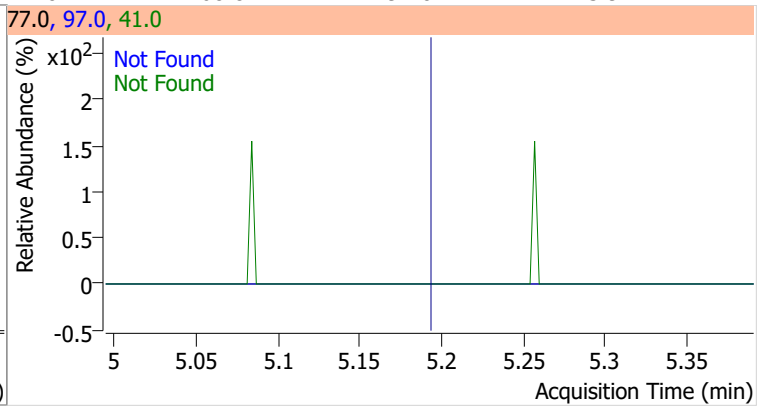
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



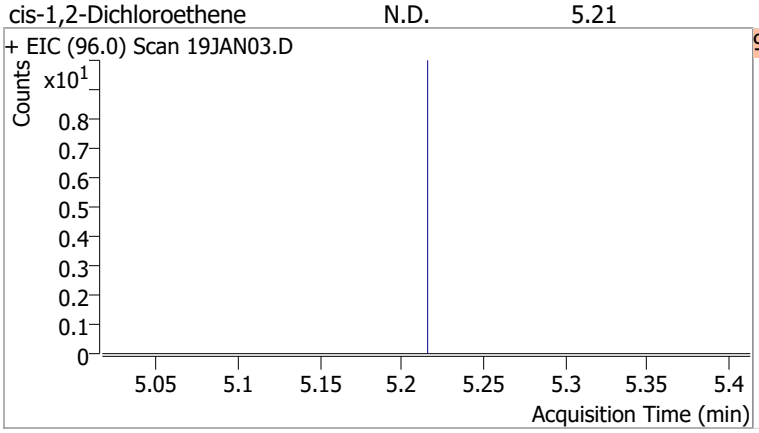


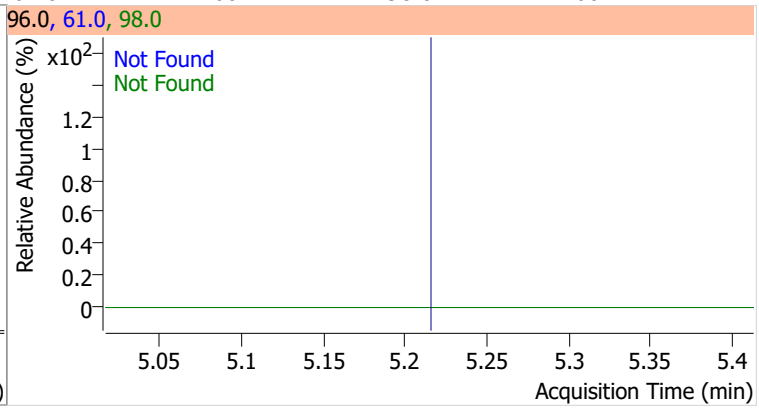
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



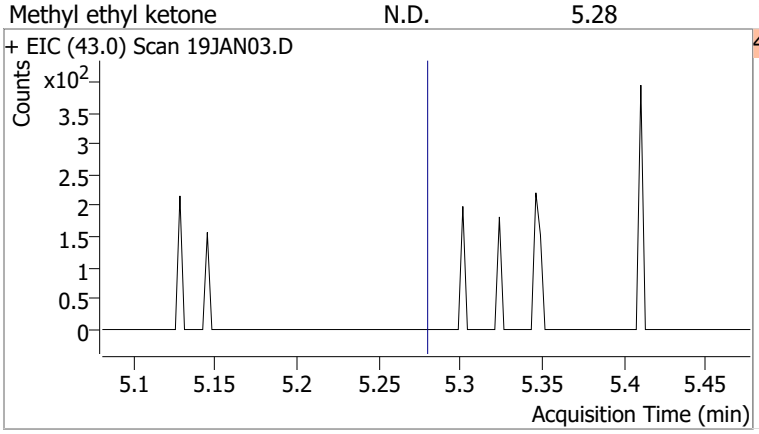


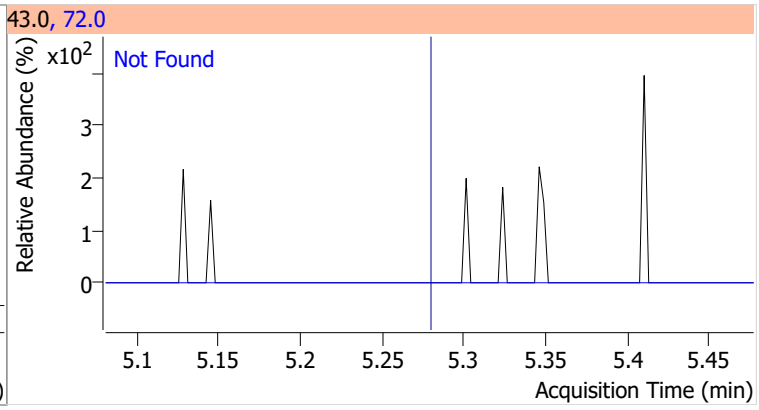
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



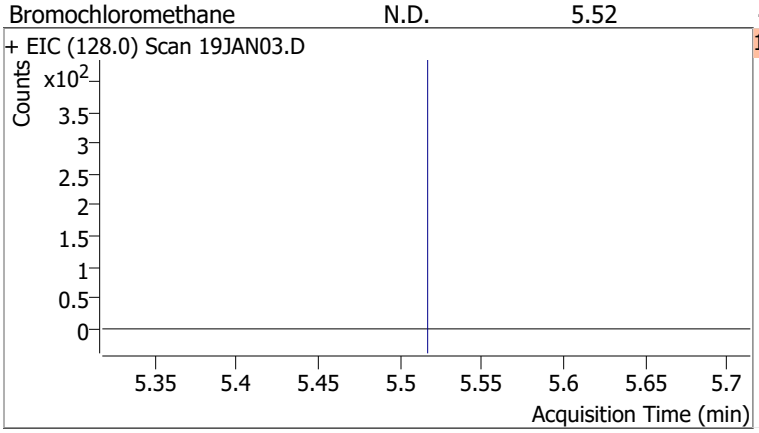


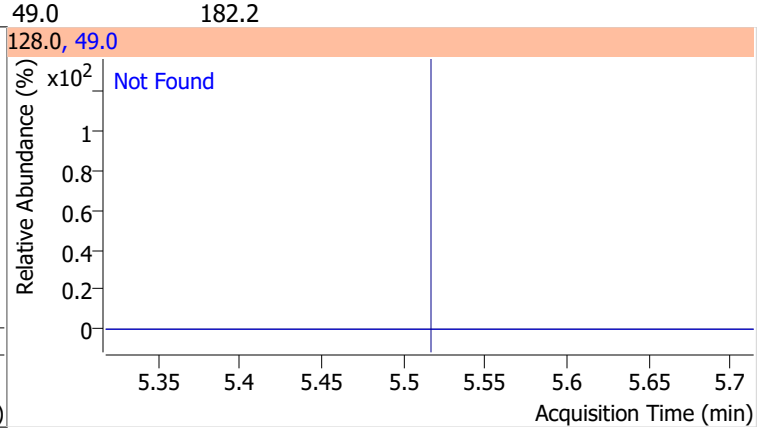
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



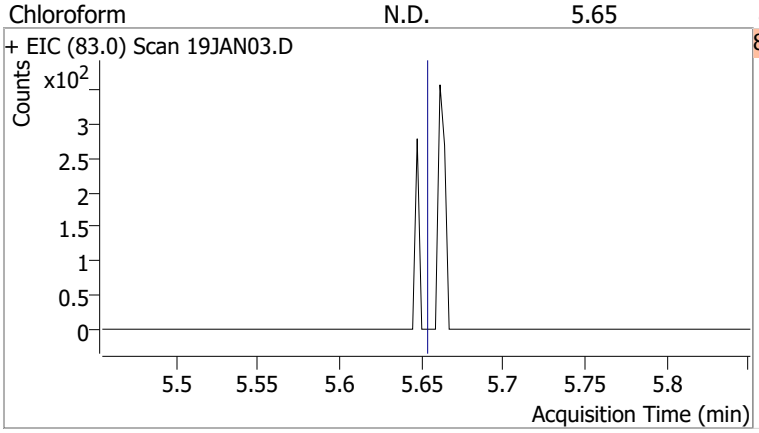


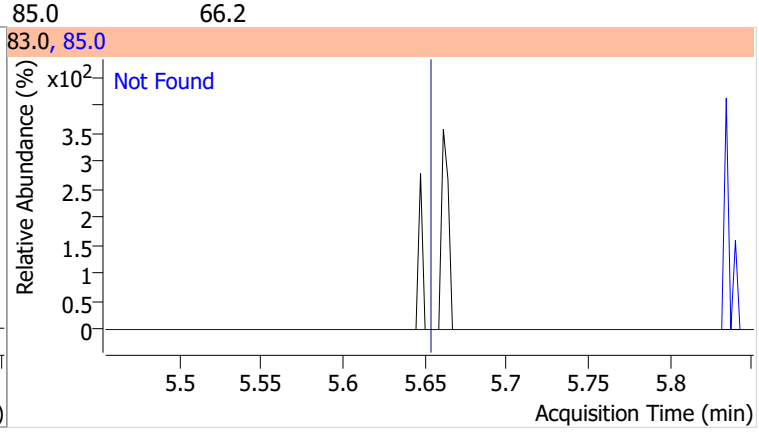
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



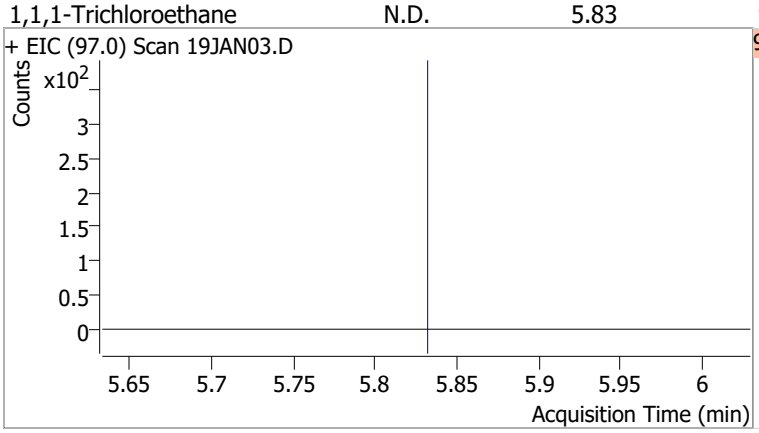


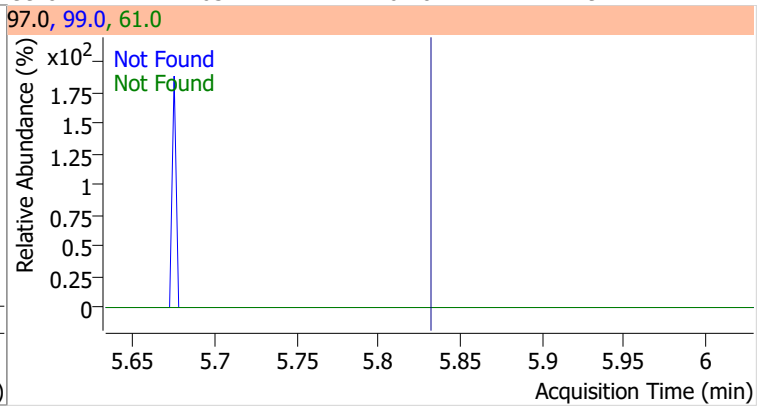
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



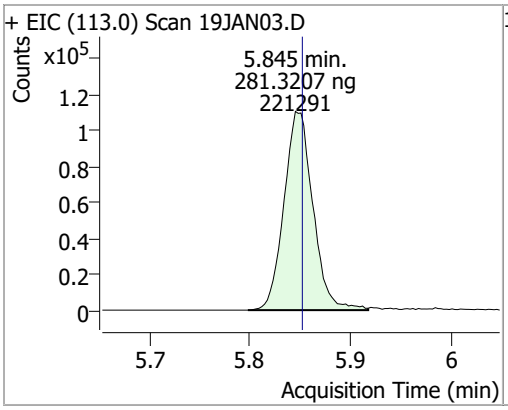


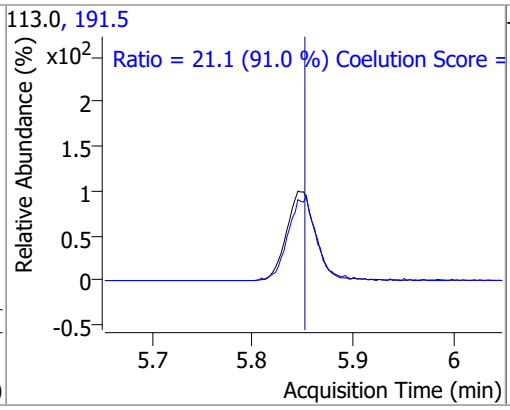
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

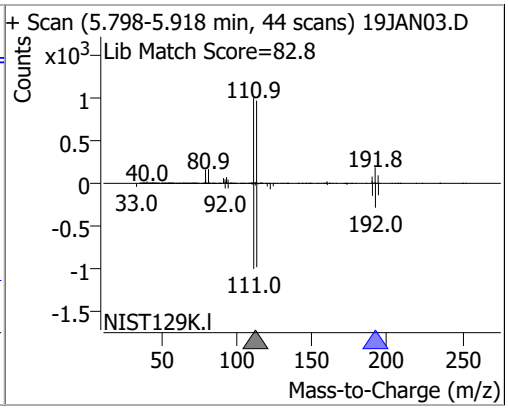




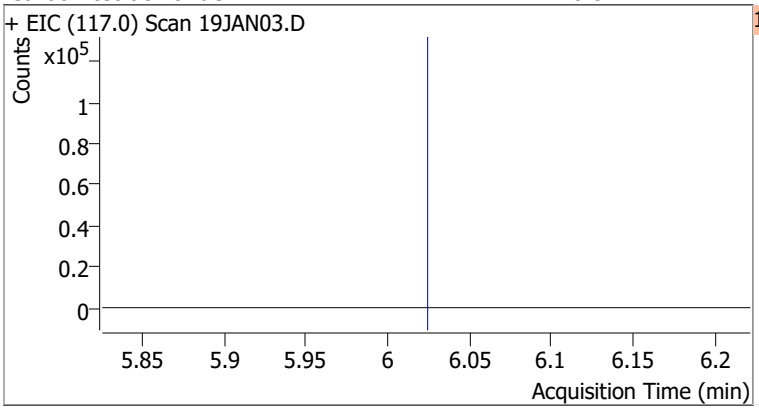
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	281.3207	5.85	-0.01	221291	191.5	21.1	0.0	53.2

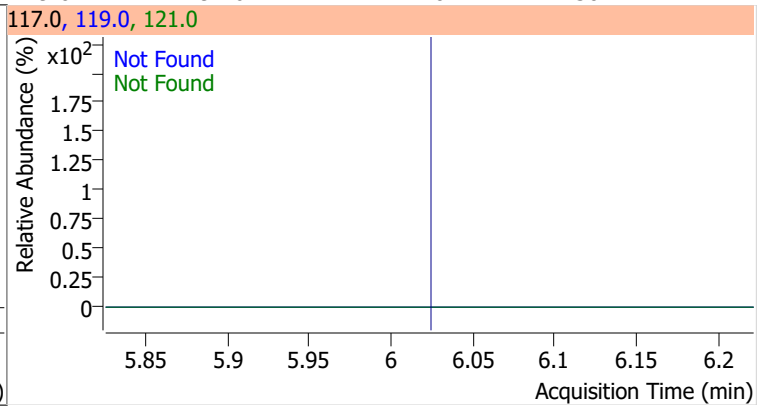




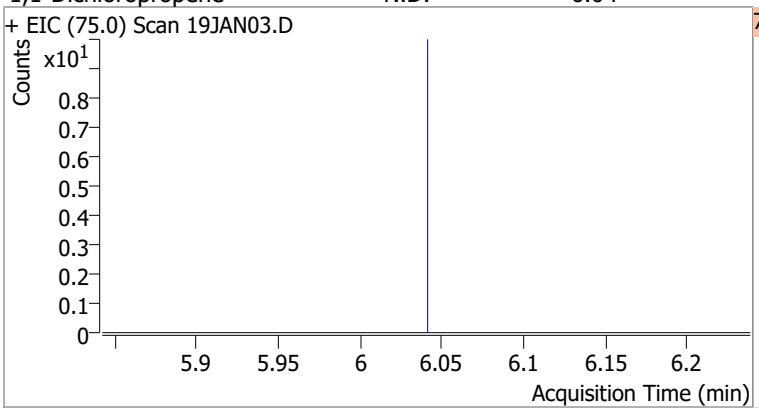


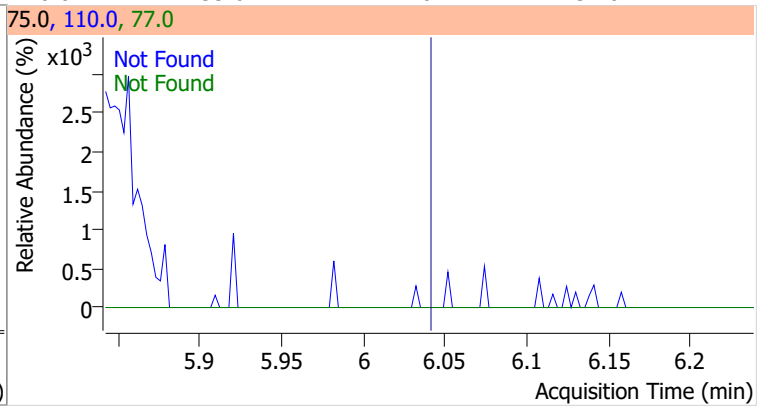
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



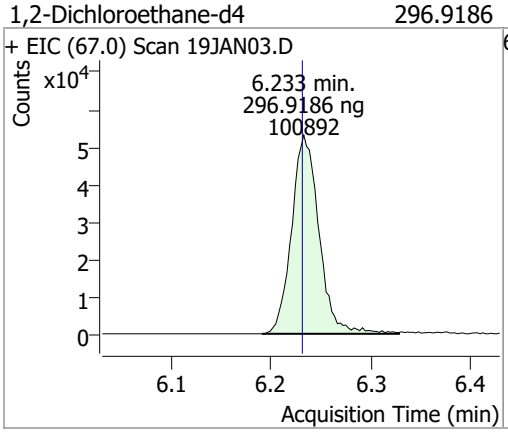


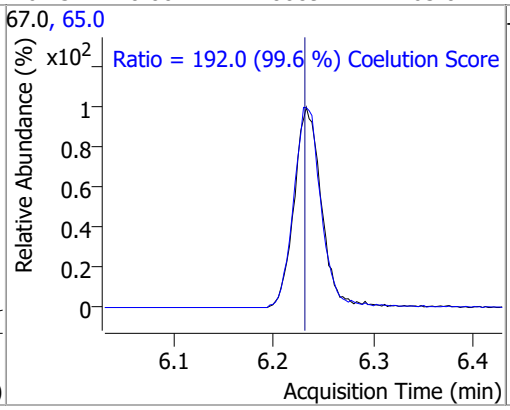
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

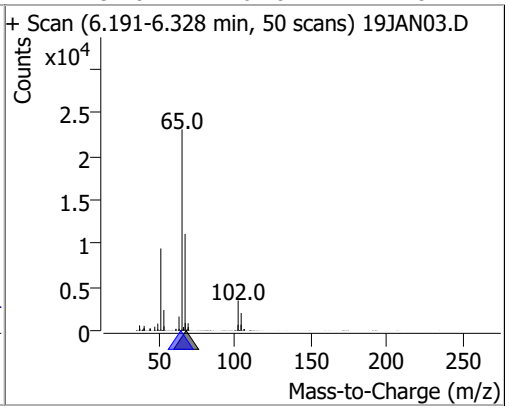




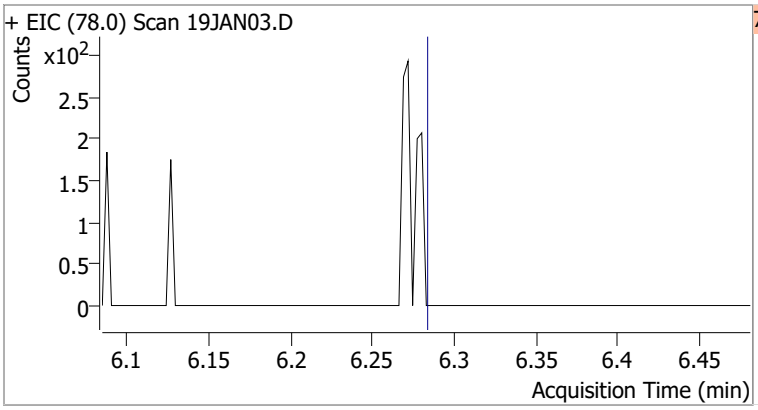
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	296.9186	6.23	0.00	100892	65.0	192.0	162.8	222.8

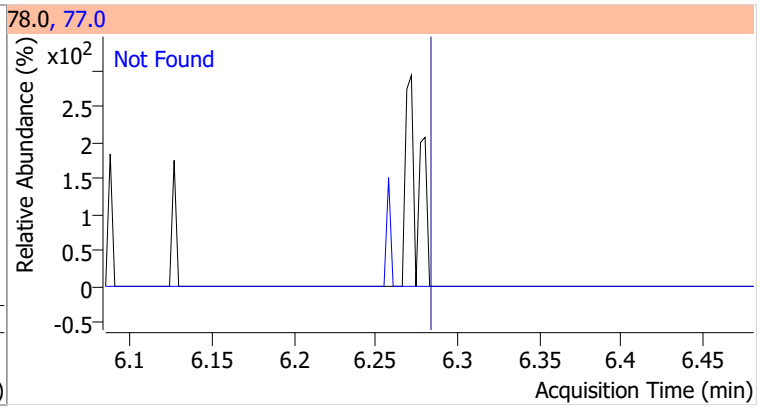




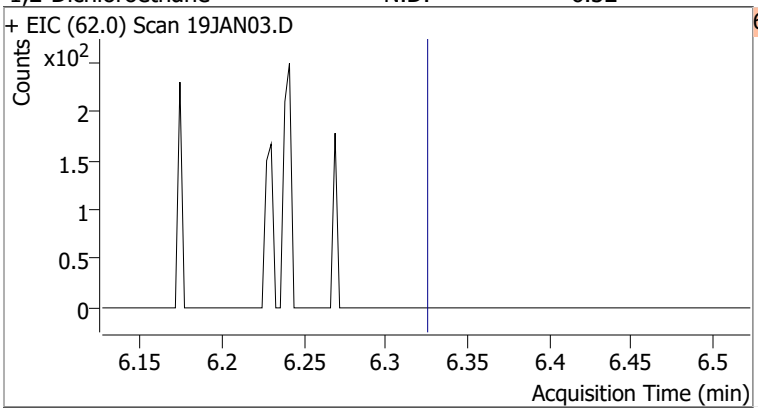


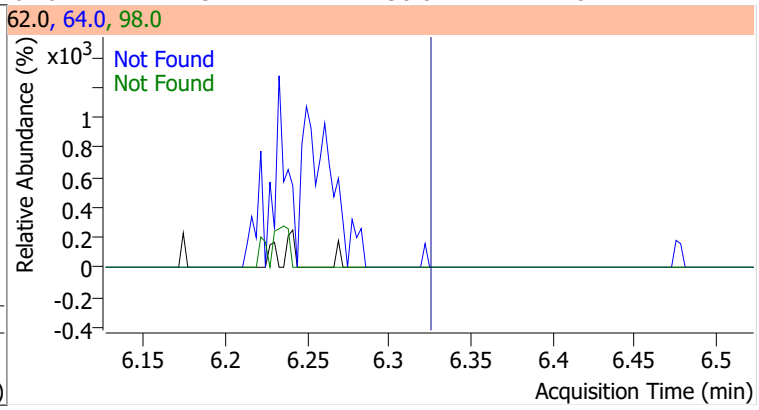
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



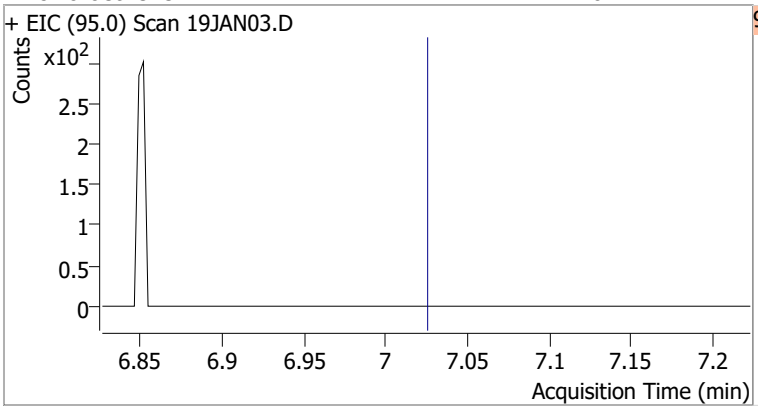


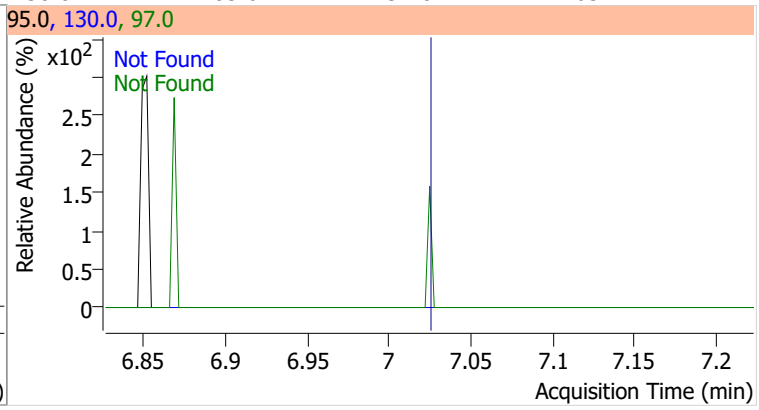
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



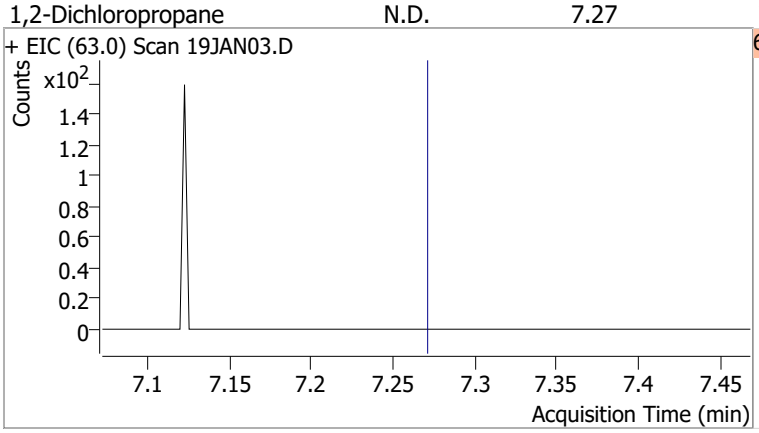


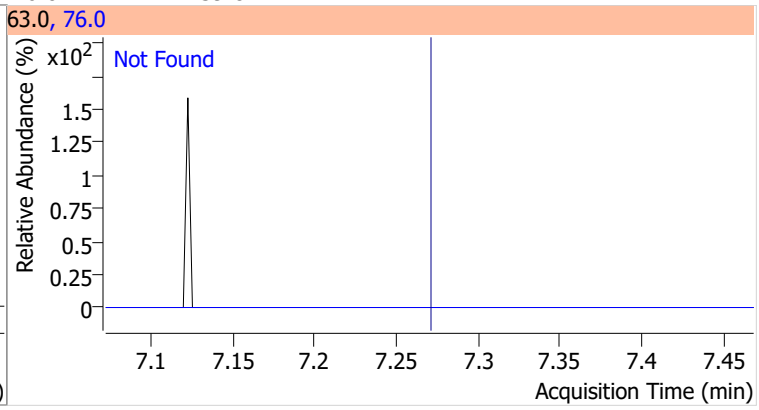
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



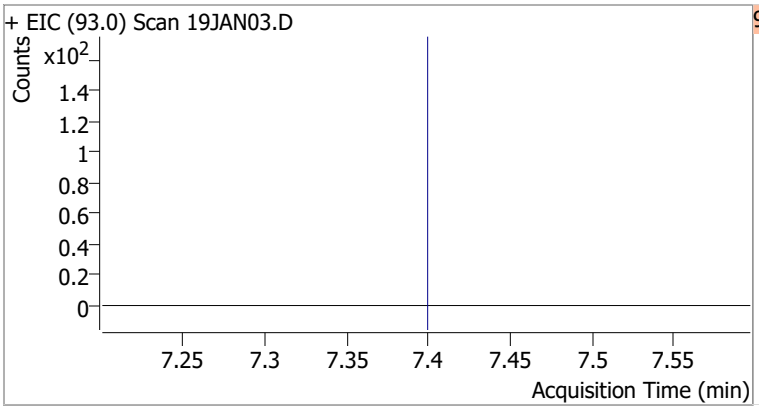


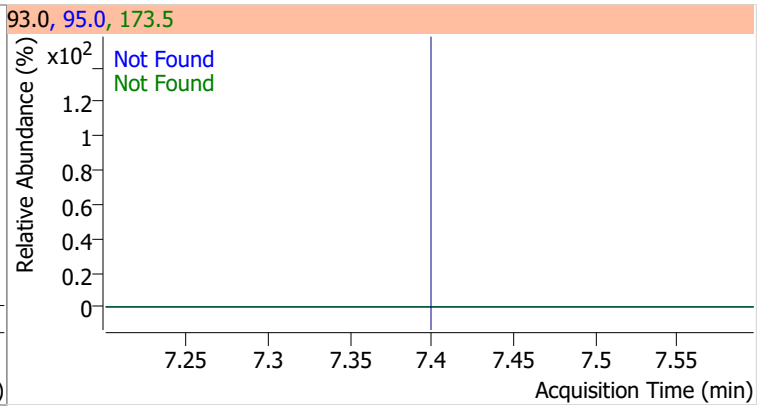
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



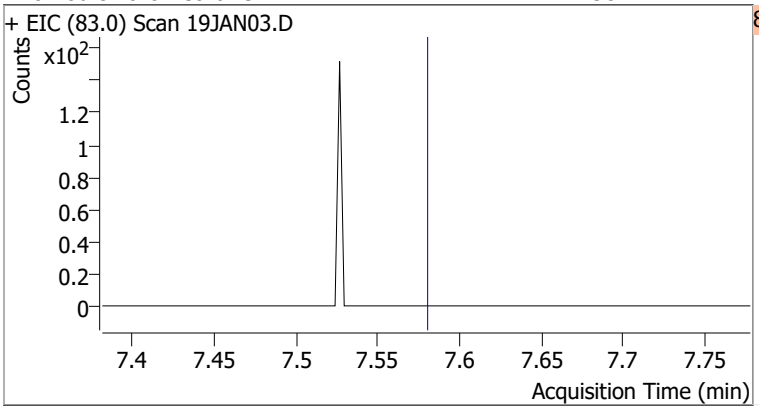


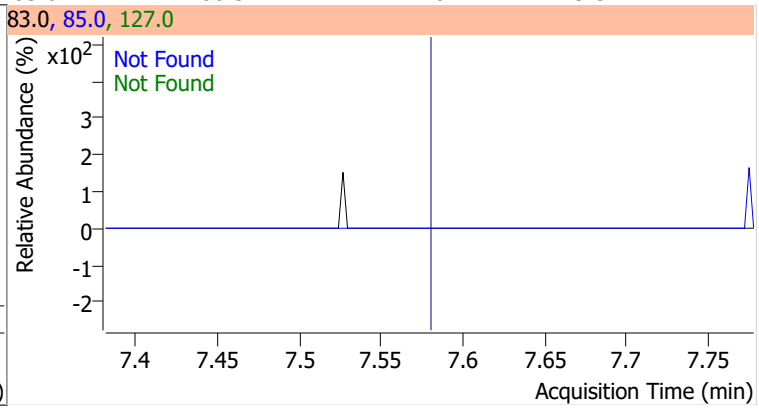
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



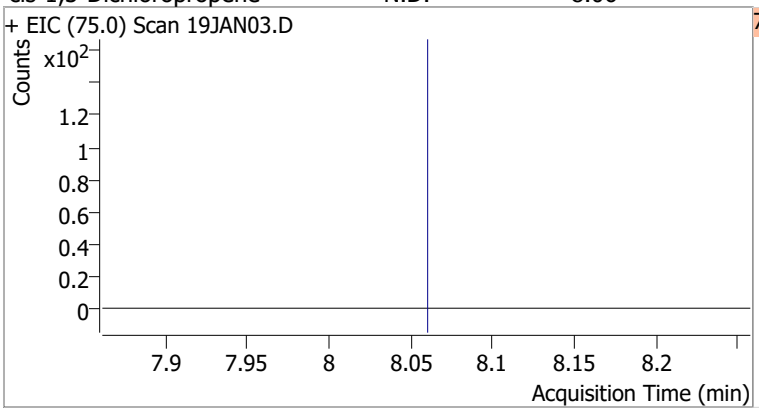


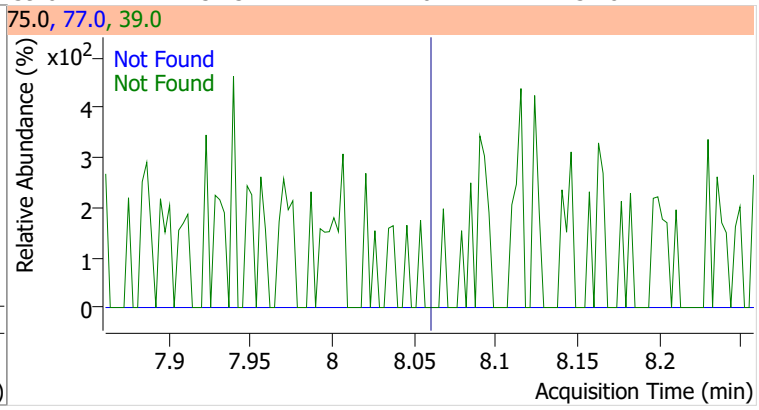
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



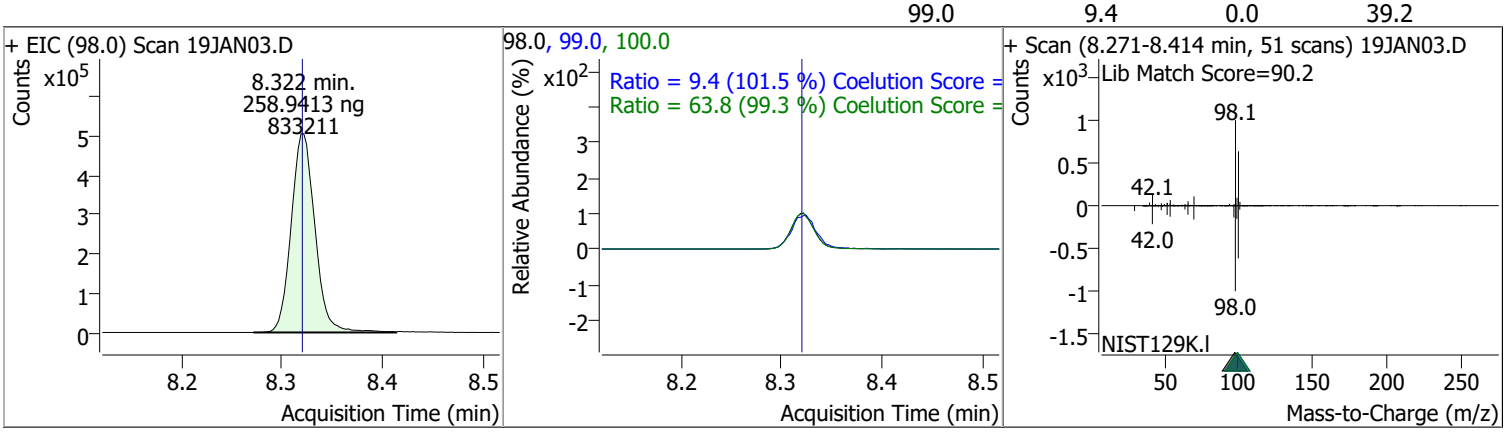


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

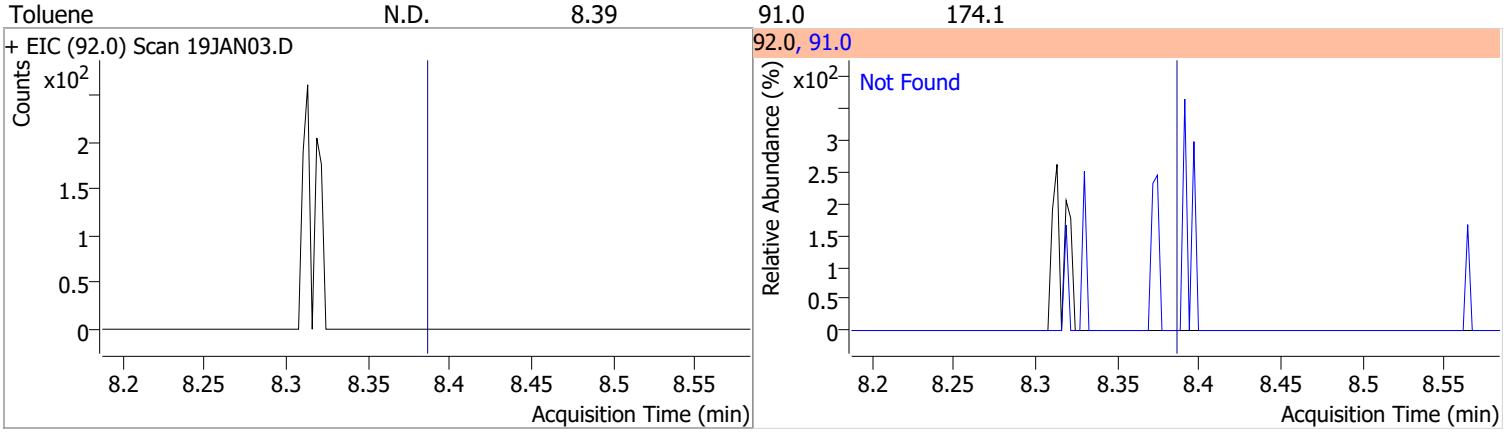




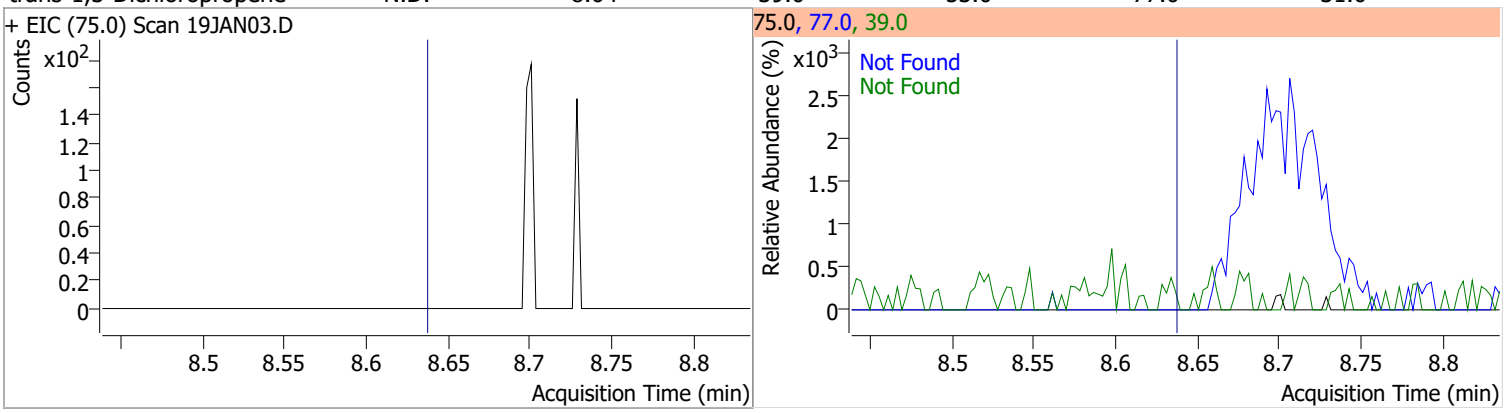
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	258.9413	8.32	0.00	833211	100.0	63.8	34.3	94.3
					99.0	9.4	0.0	39.2



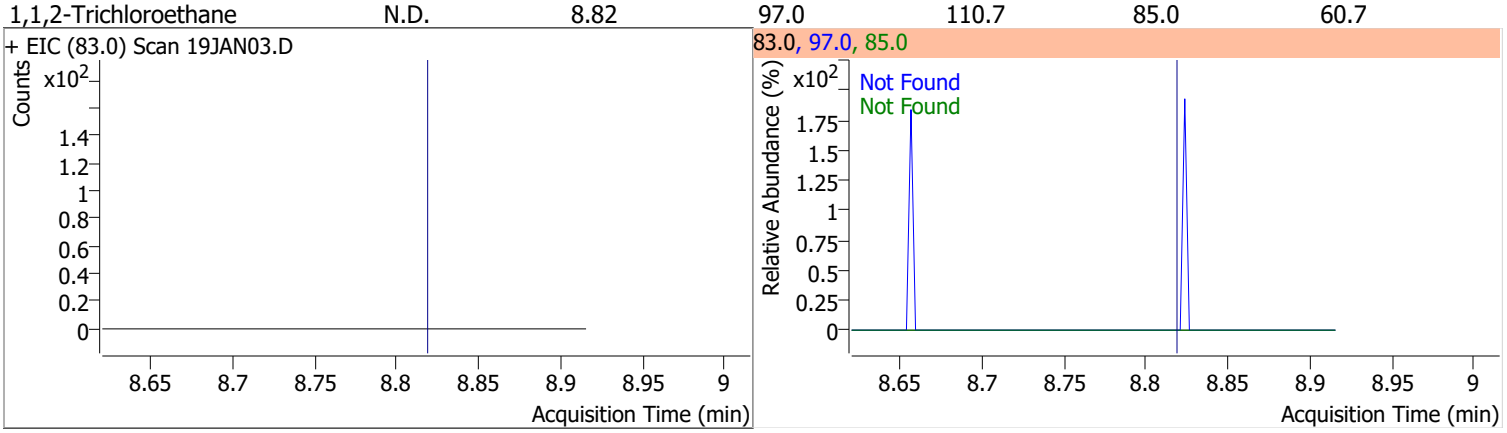
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	174.1



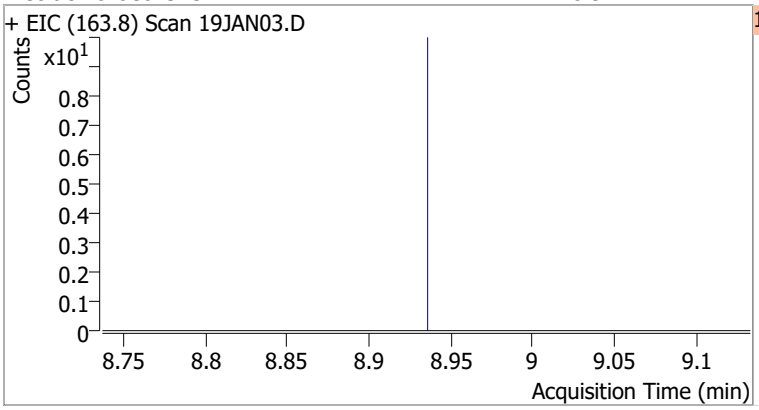
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0

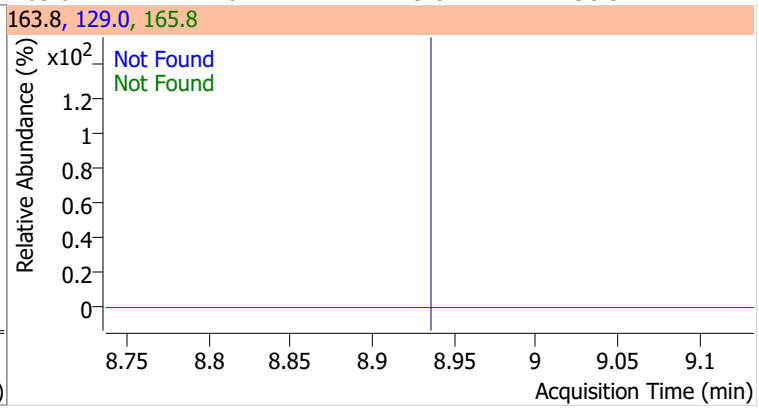


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7

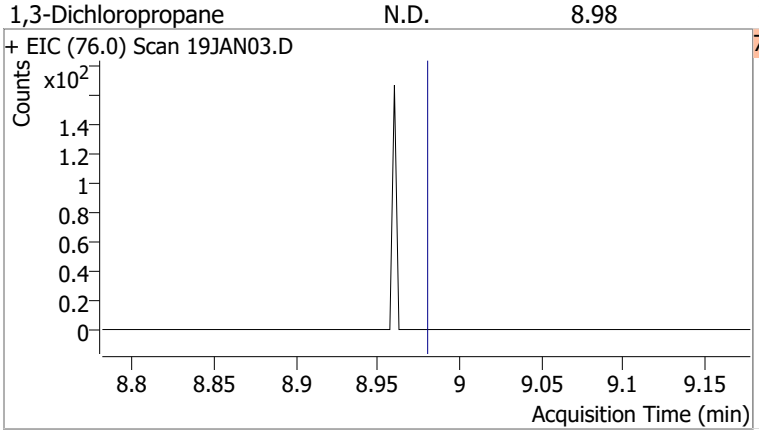


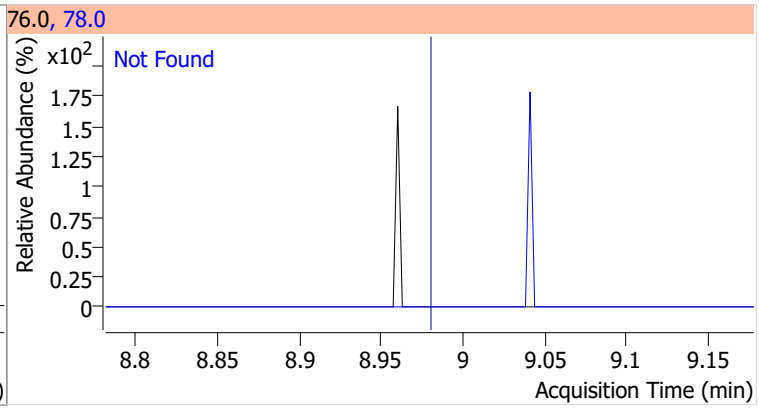
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



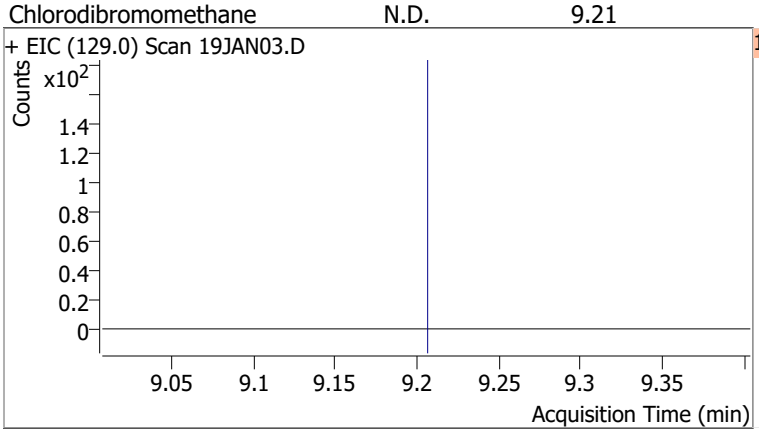


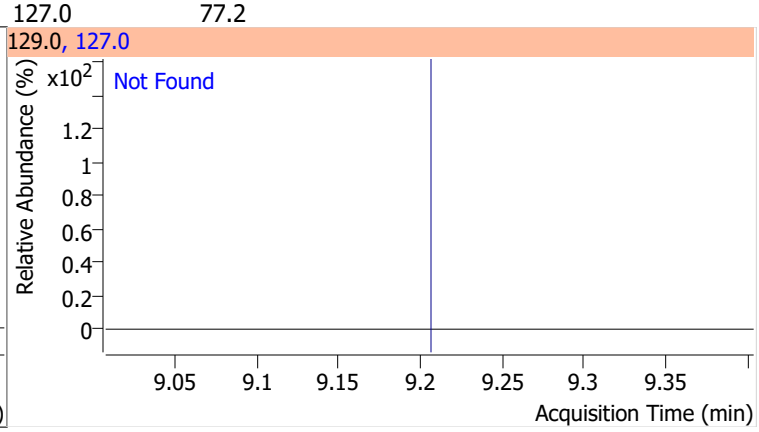
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



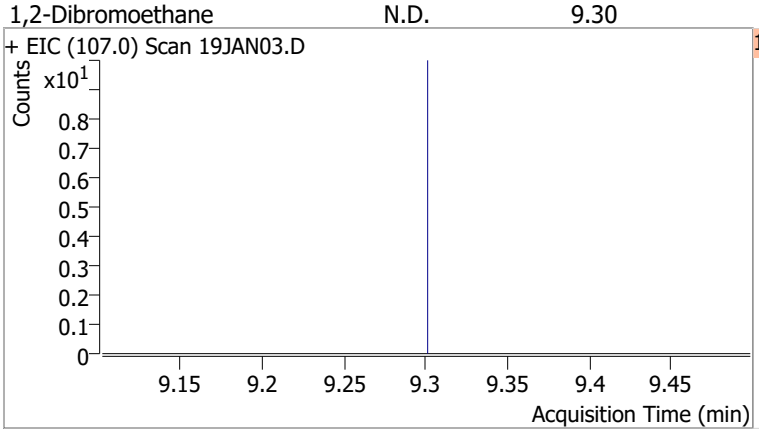


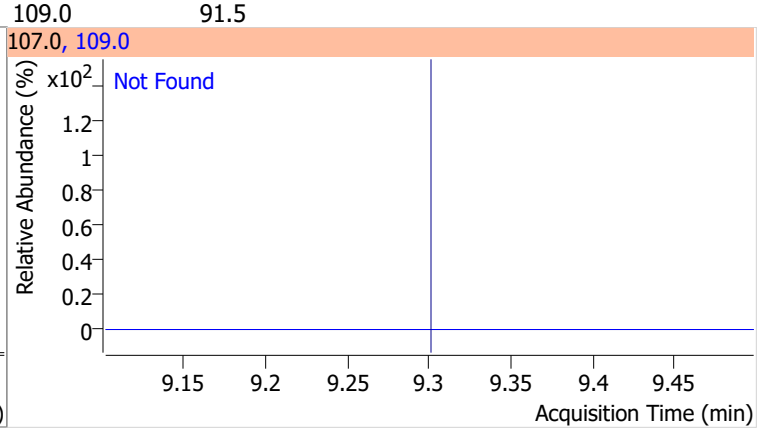
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



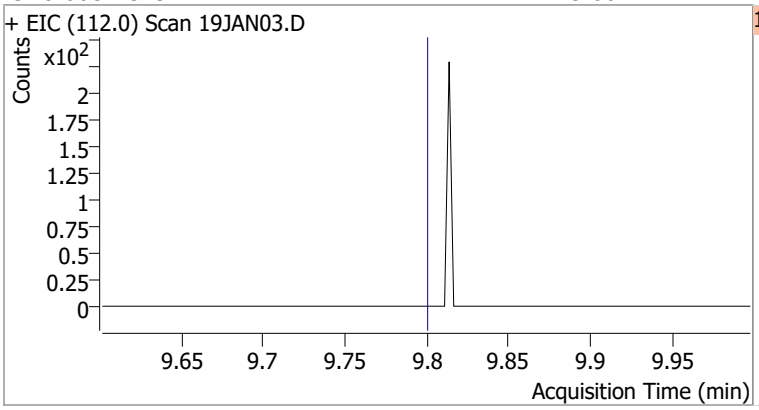


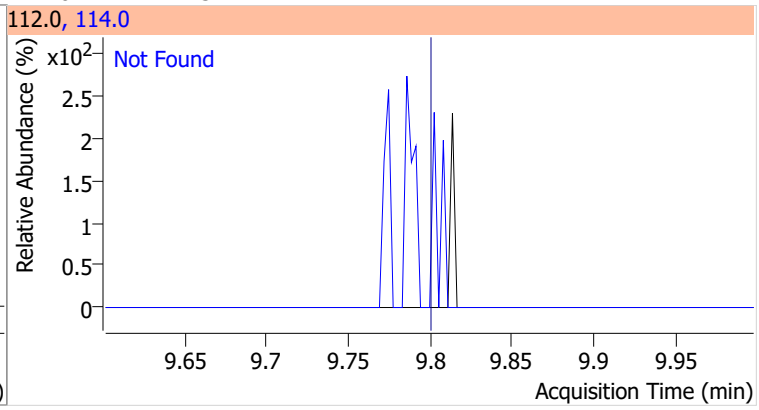
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



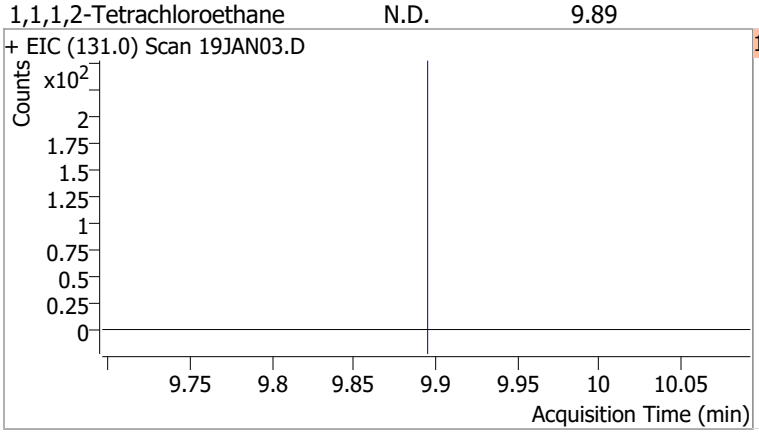


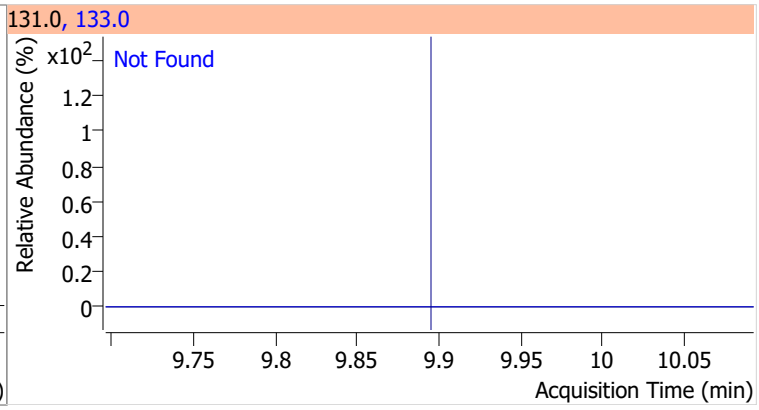
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



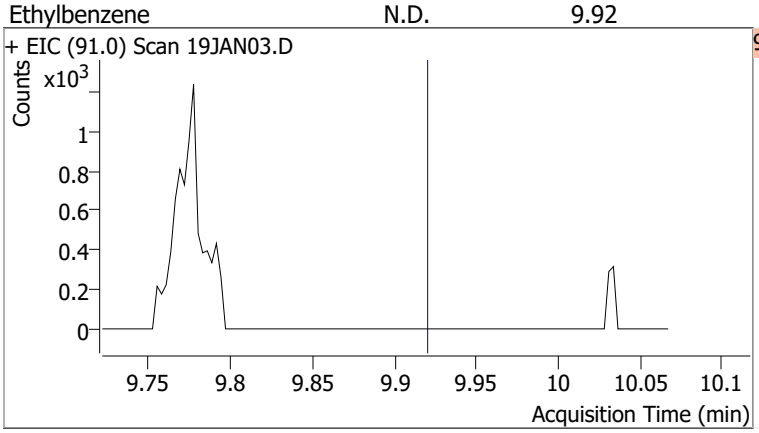


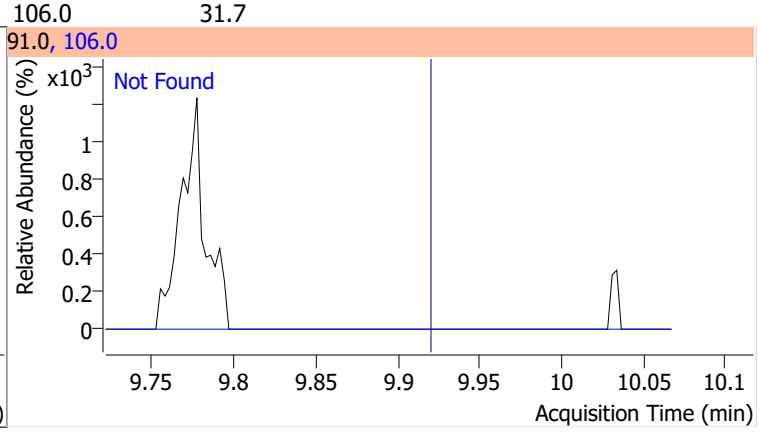
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



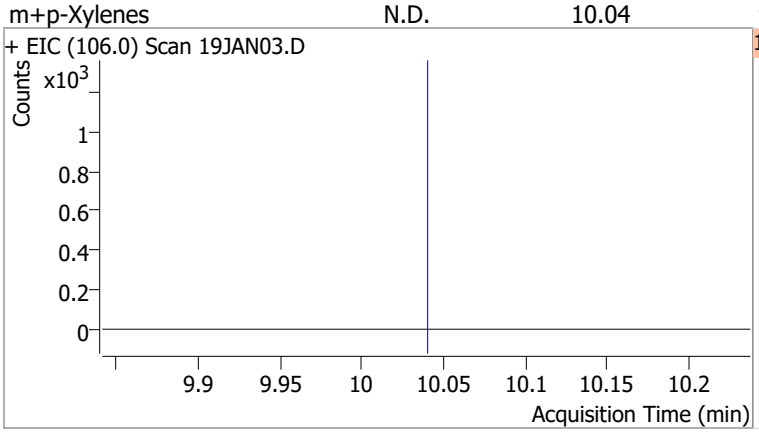


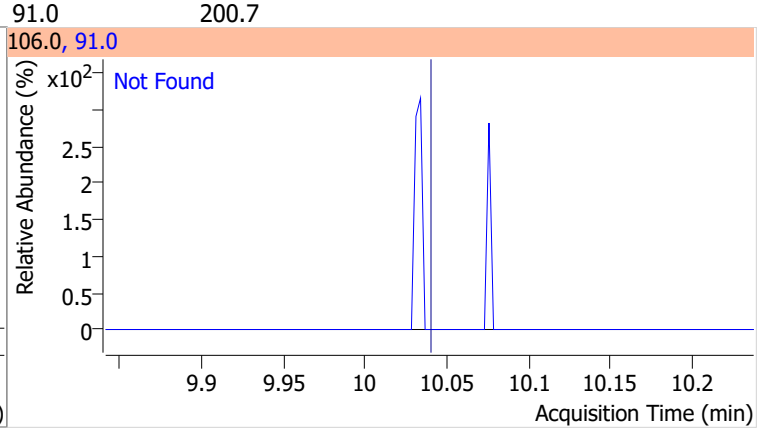
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



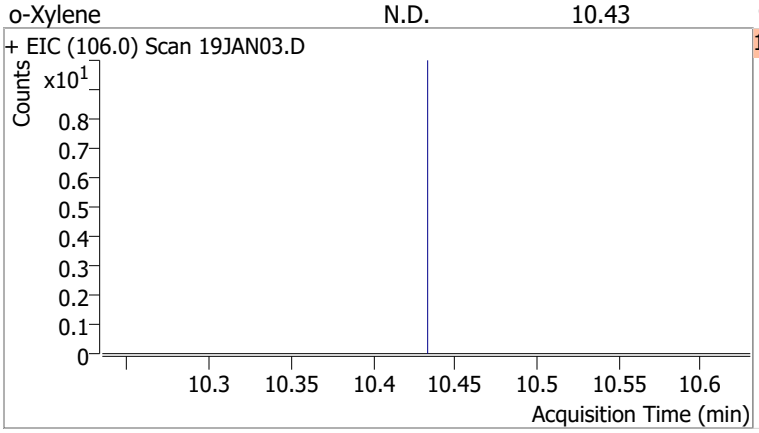


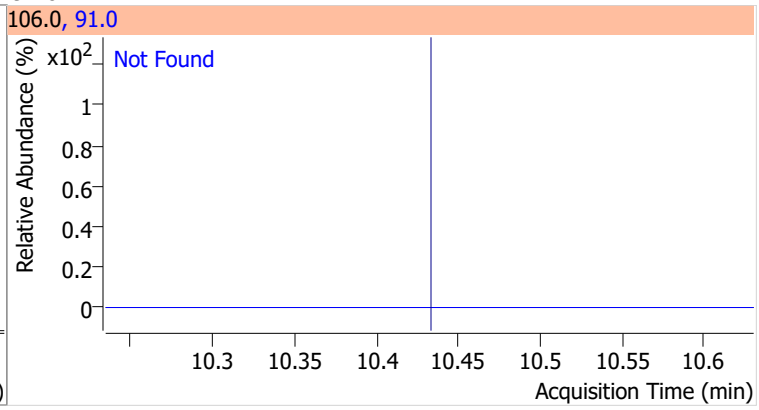
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



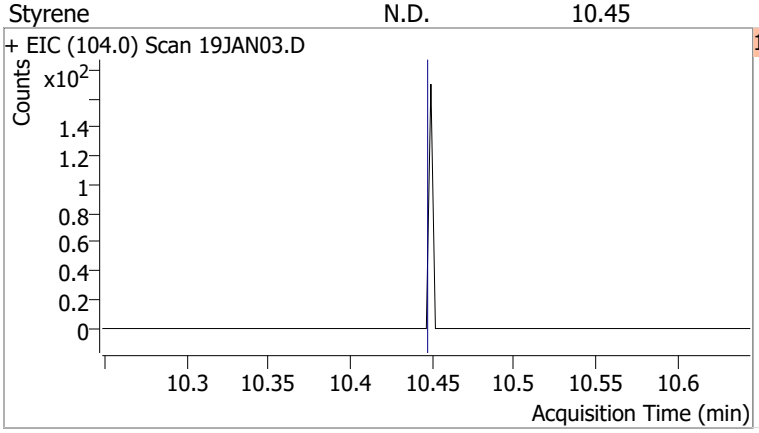


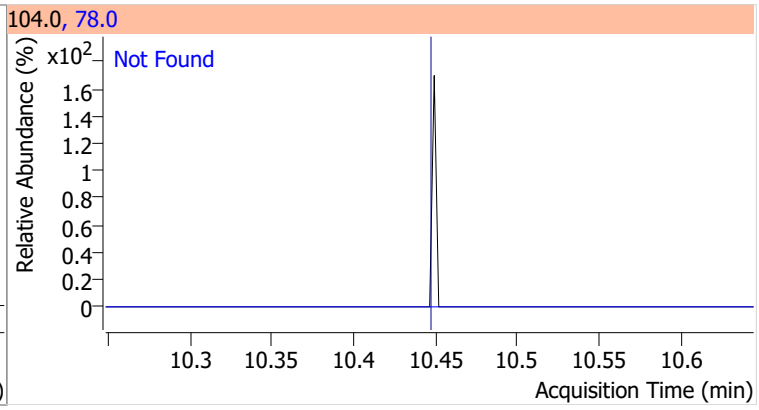
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



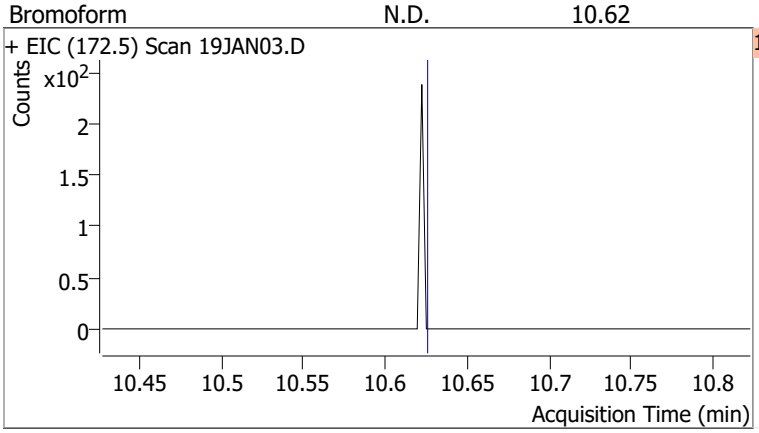


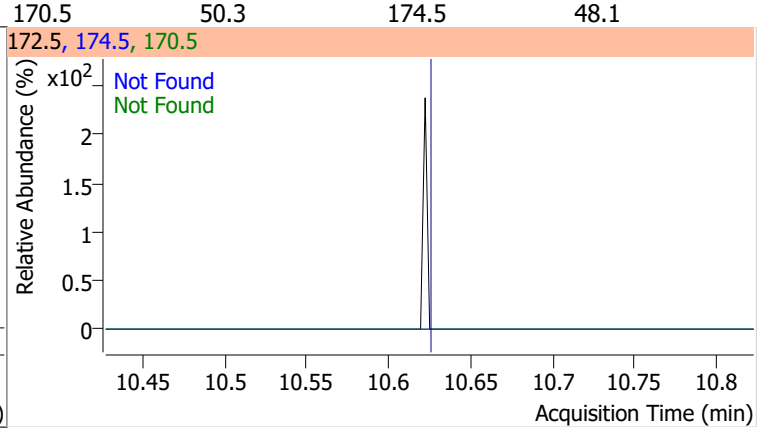
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



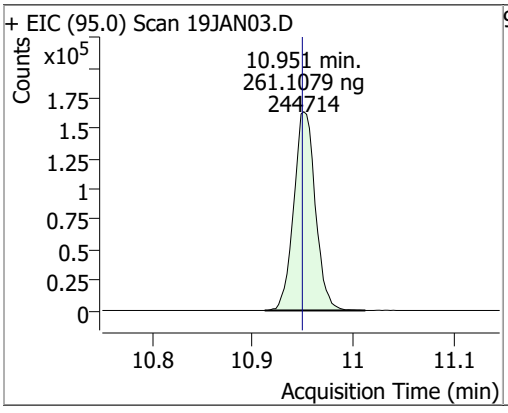


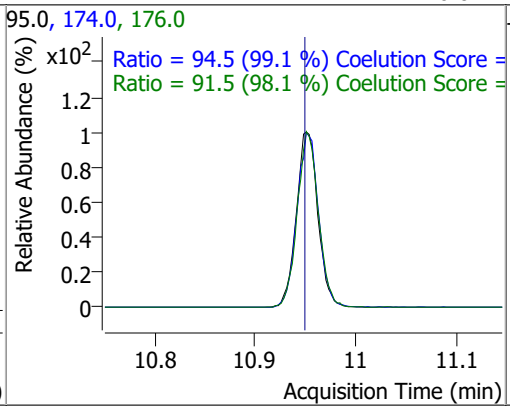
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

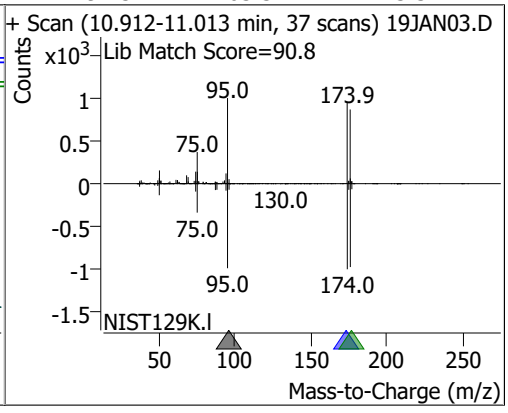




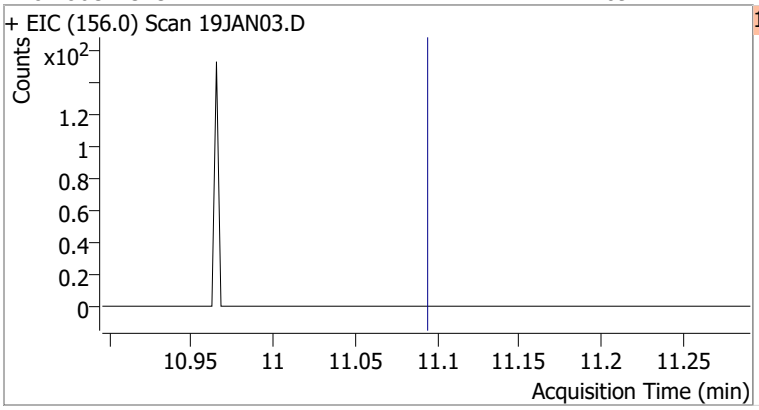
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	261.1079	10.95	0.00	244714	174.0	94.5	65.3	125.3
					176.0	91.5	63.3	123.3

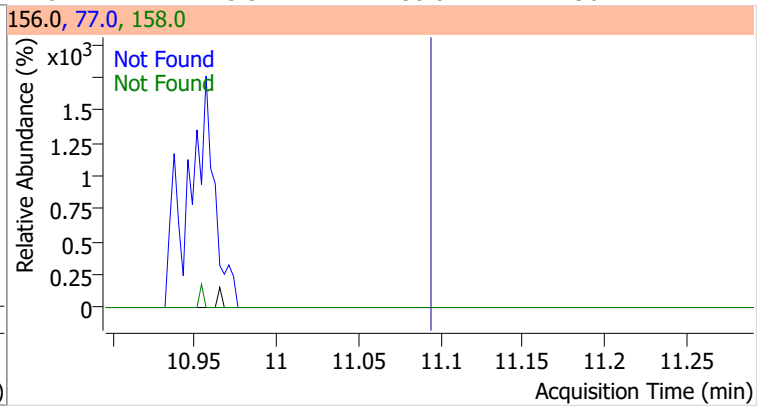




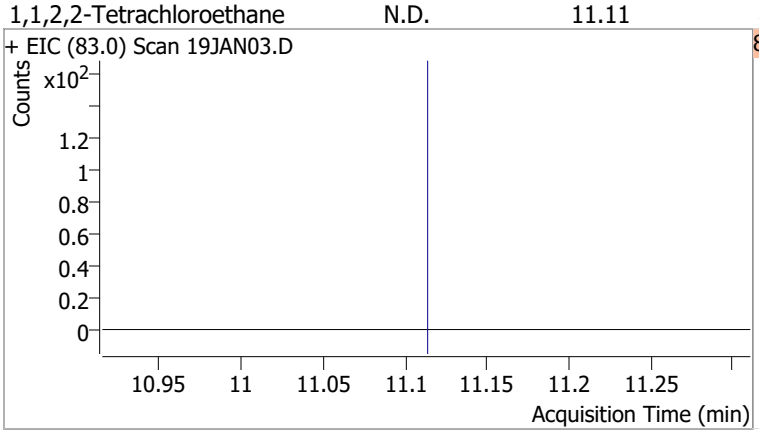


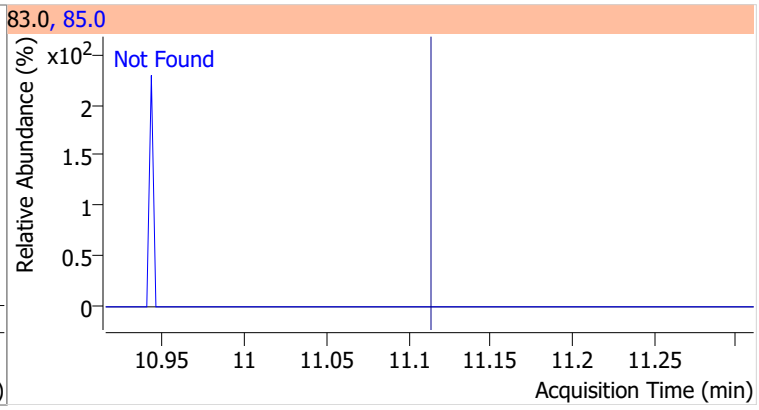
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



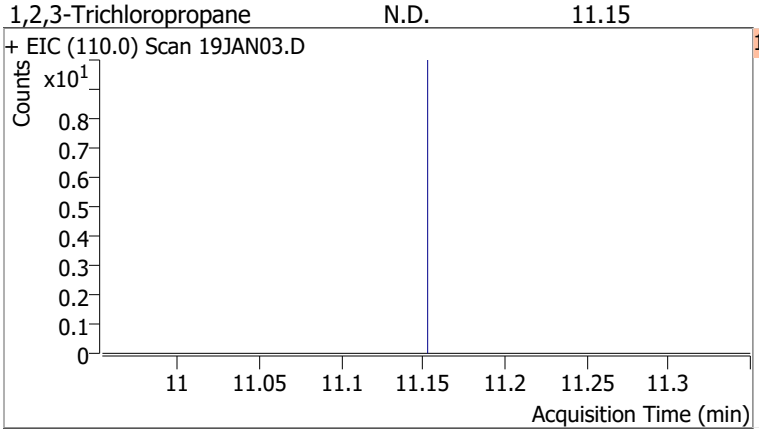


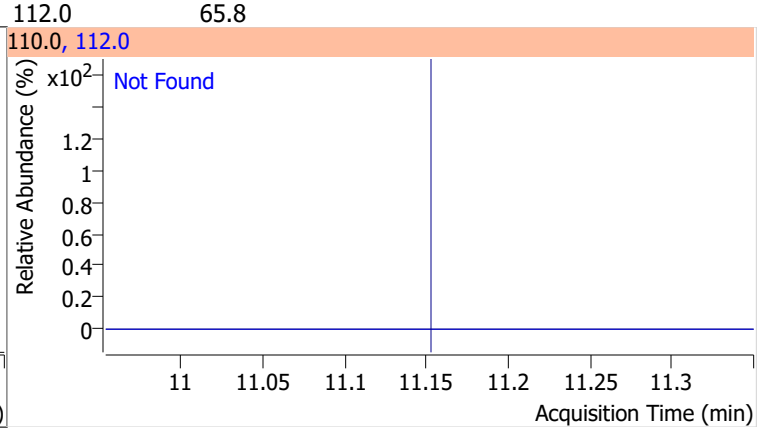
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



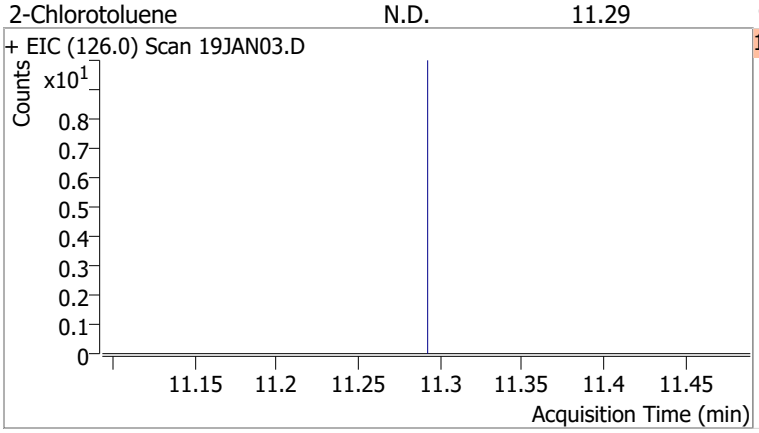


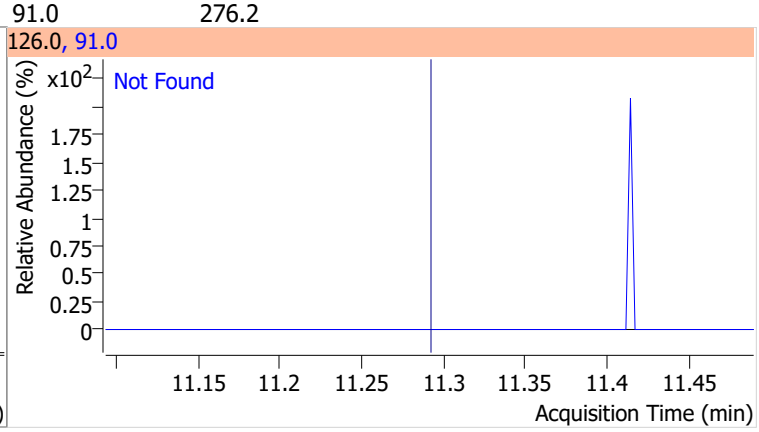
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



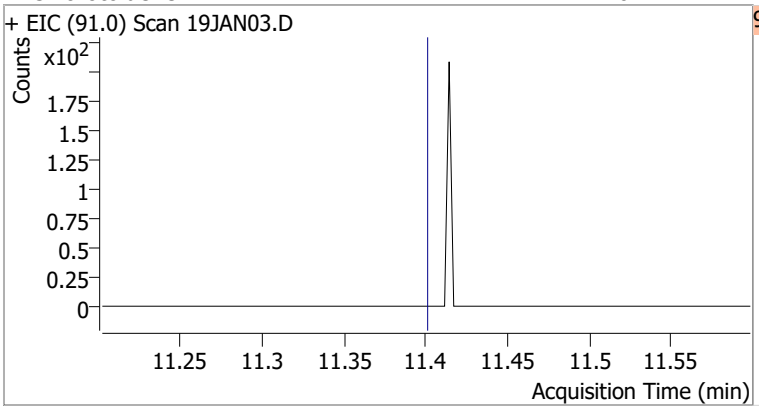


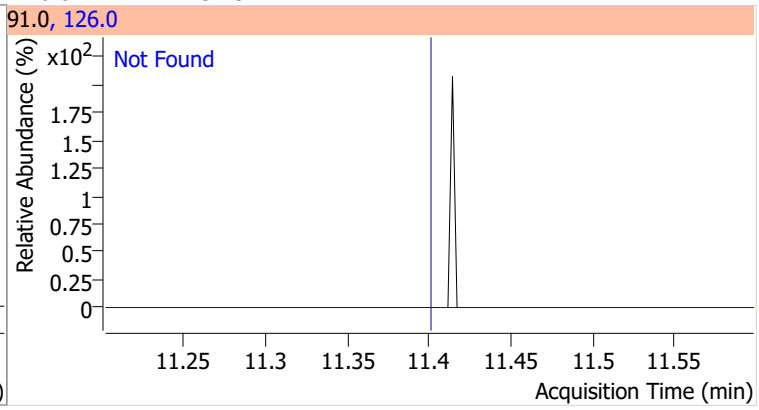
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



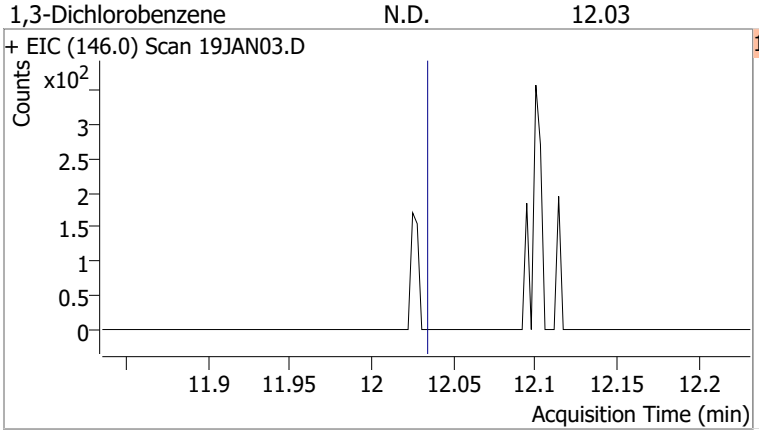


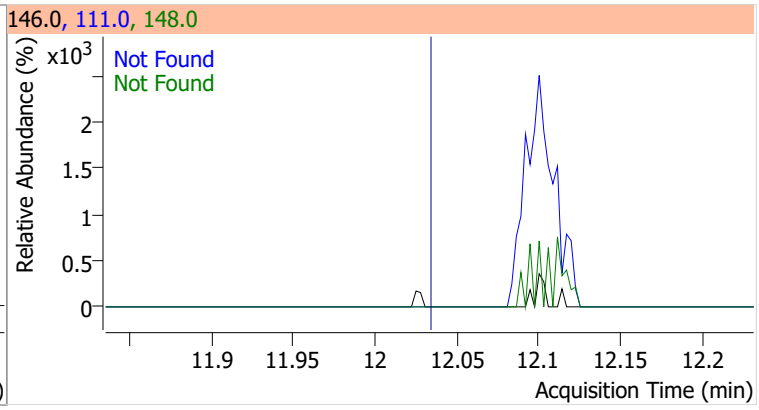
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



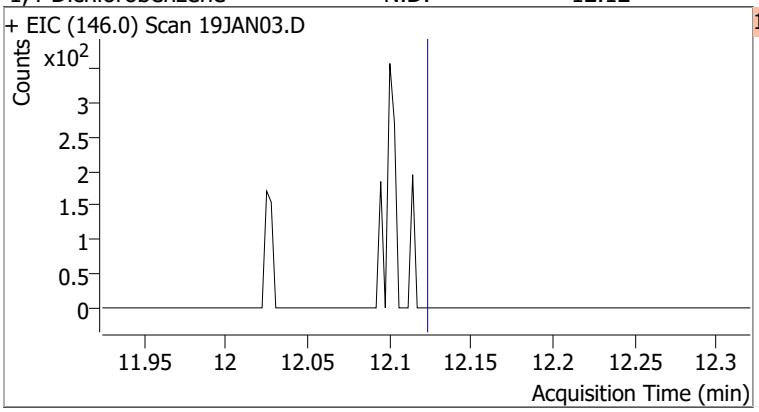


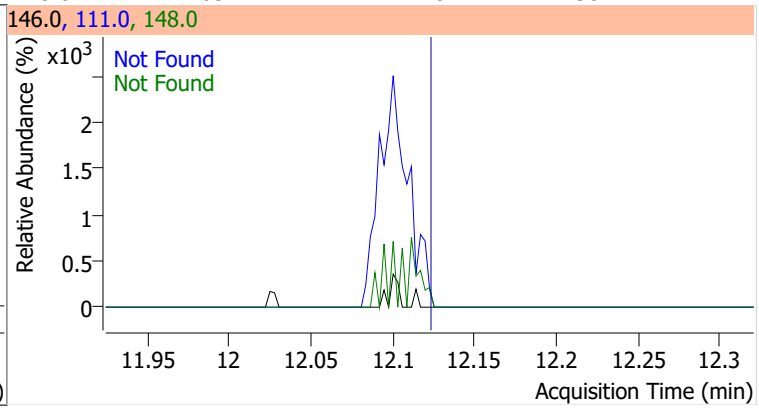
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



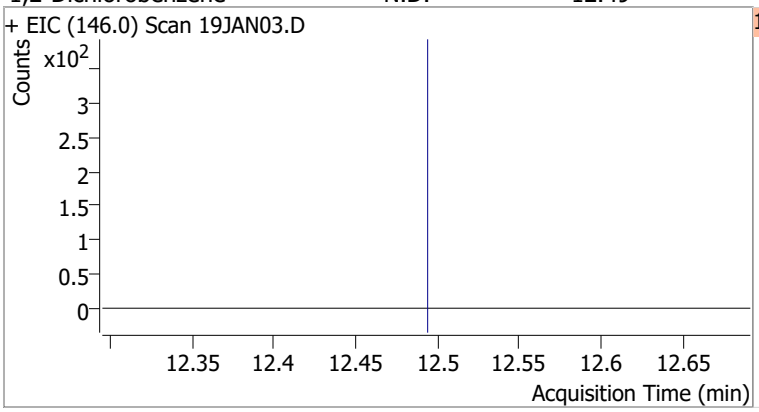


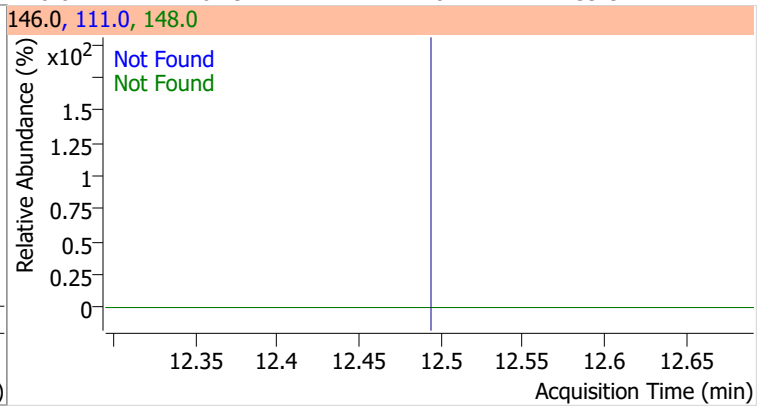
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





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

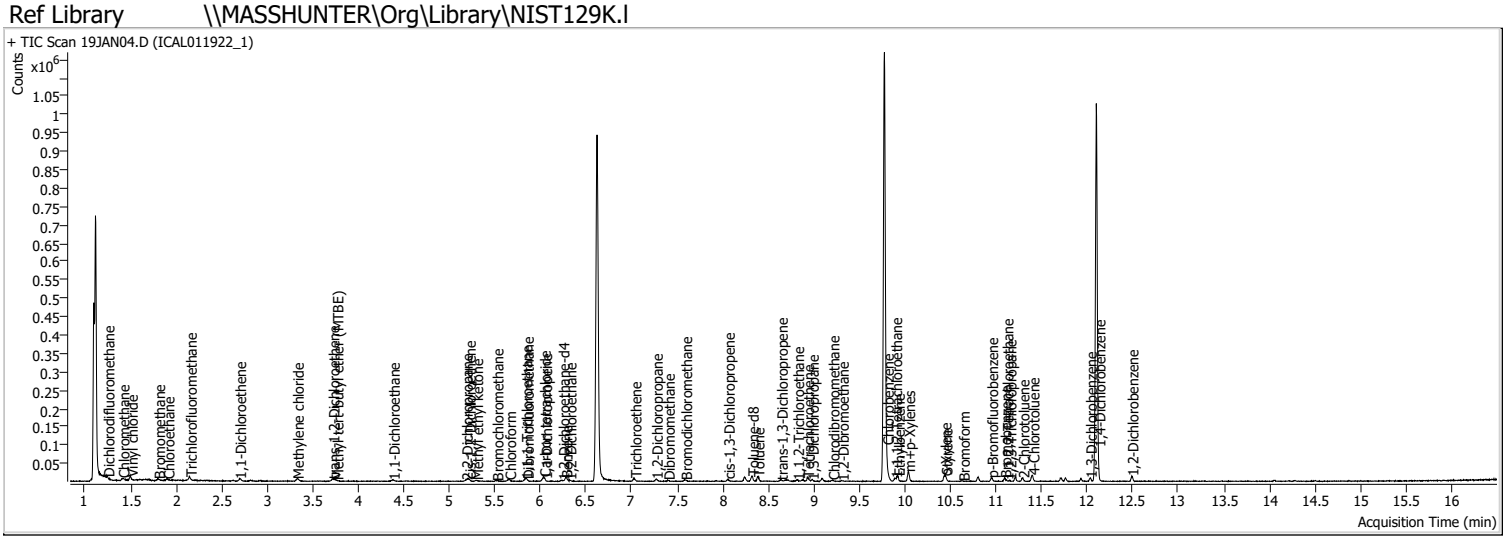




Quantitation Results Report (QT Reviewed)

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		

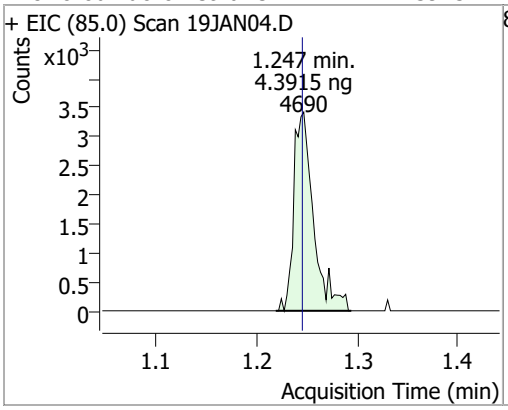


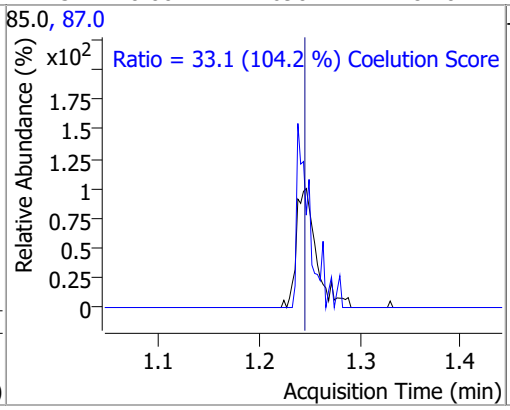
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	794248	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	316490	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	241587	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	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

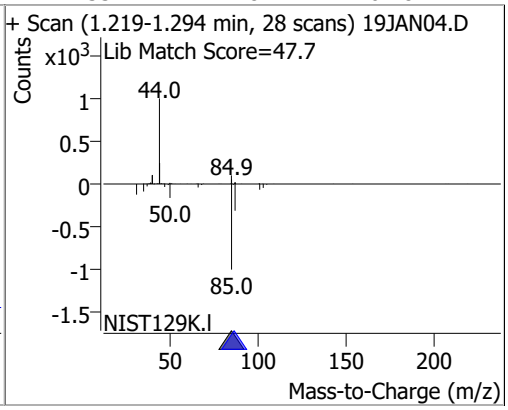
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	3627	2.5502	ng	m	99
T Carbon tetrachloride	6.035	117.0	3586	2.5993	ng	m	92
T 1,1-Dichloropropene	6.052	75.0	2749	2.3833	ng	m	87
T Benzene	6.275	78.0	8357	2.6339	ng		99
T 1,2-Dichloroethane	6.316	62.0	2542	2.9004	ng	m	86
T 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

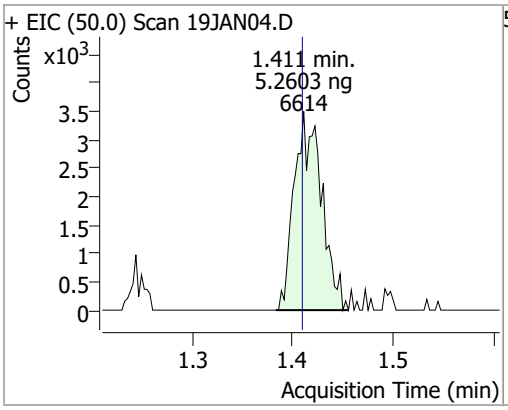
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	4.3915	1.25	0.00	4690	87.0	33.1	1.8	61.8

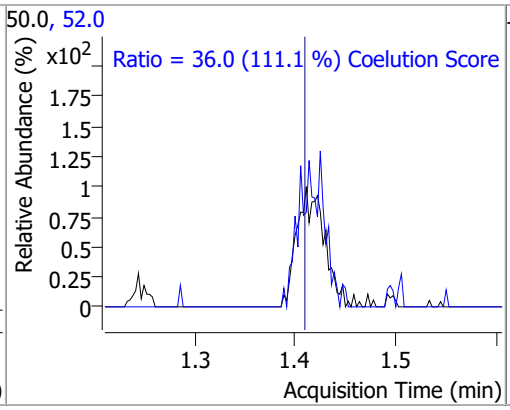


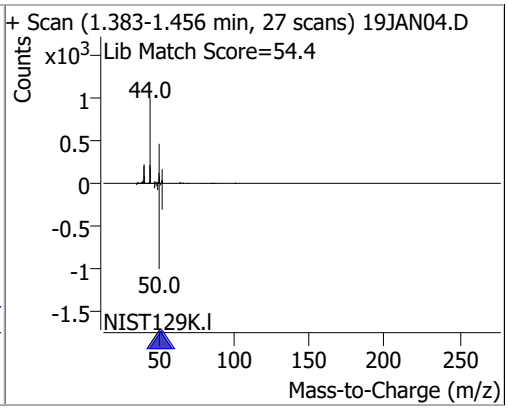




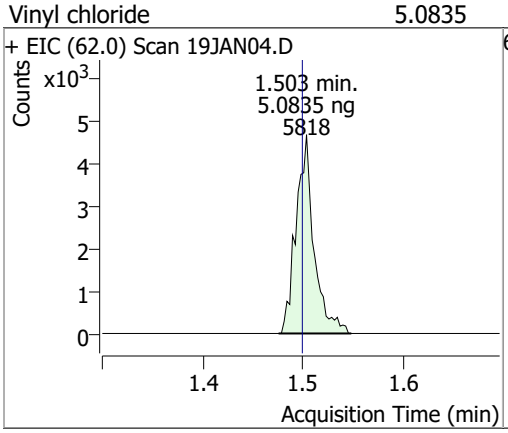
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	5.2603	1.41	0.00	6614	52.0	36.0	2.4	62.4

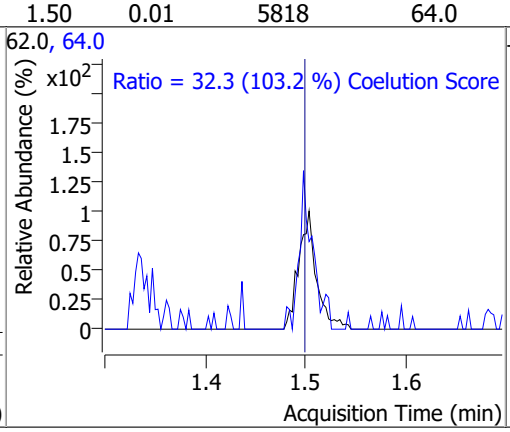


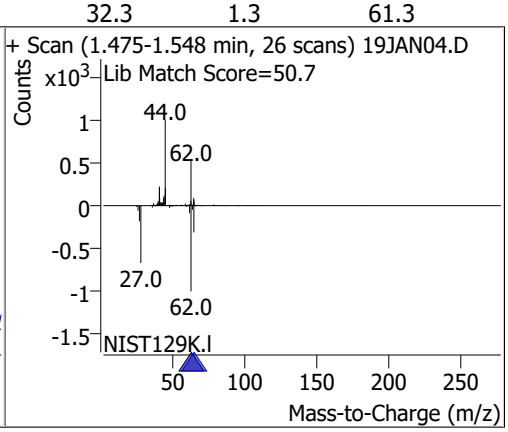




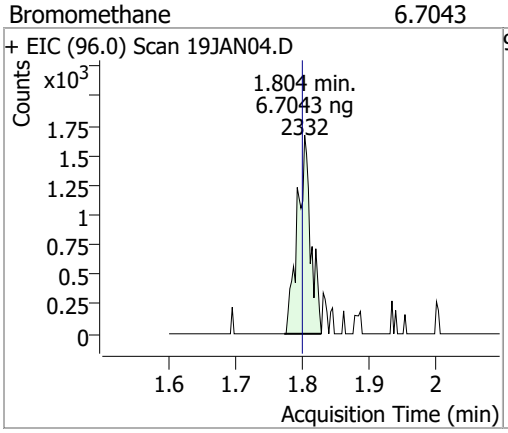
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	5.0835	1.50	0.01	5818	64.0	32.3	1.3	61.3

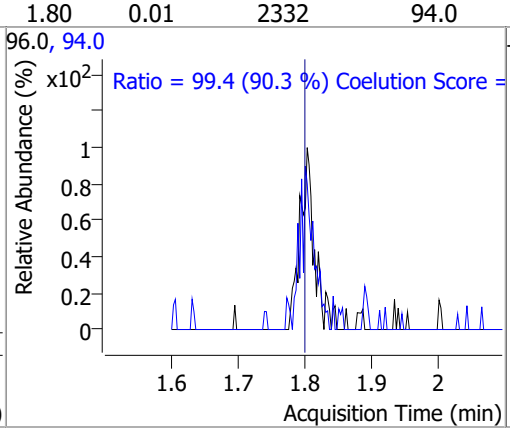


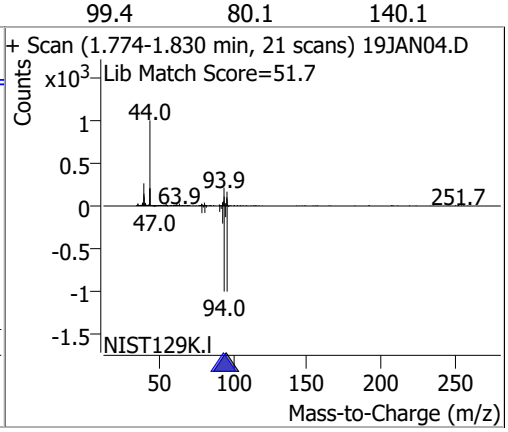




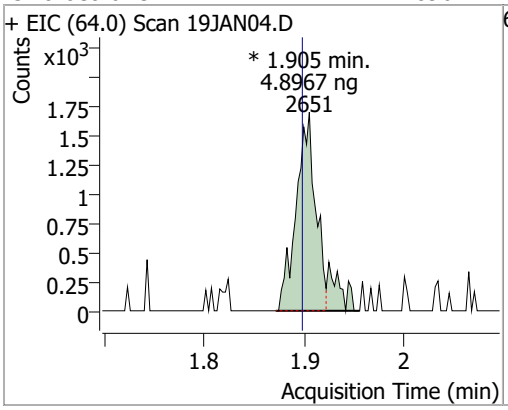
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	6.7043	1.80	0.01	2332	94.0	99.4	80.1	140.1

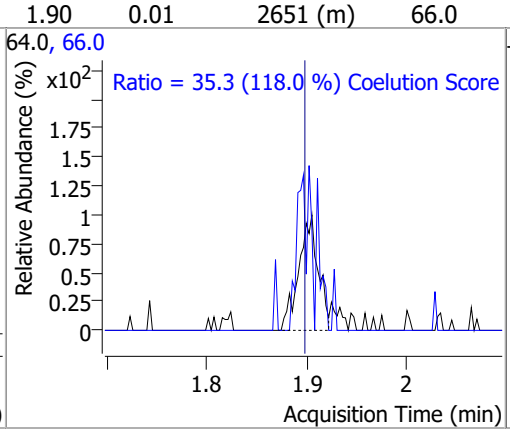


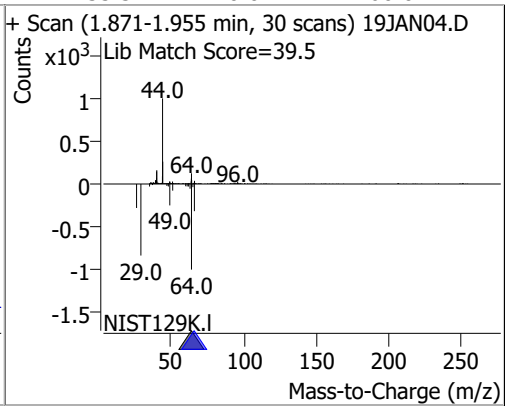




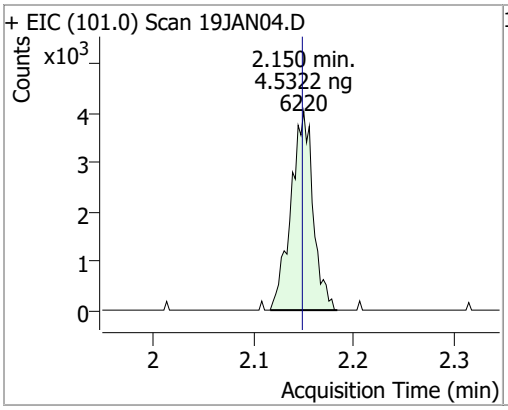
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	4.8967	1.90	0.01	2651 (m)	66.0	35.3	0.0	60.0

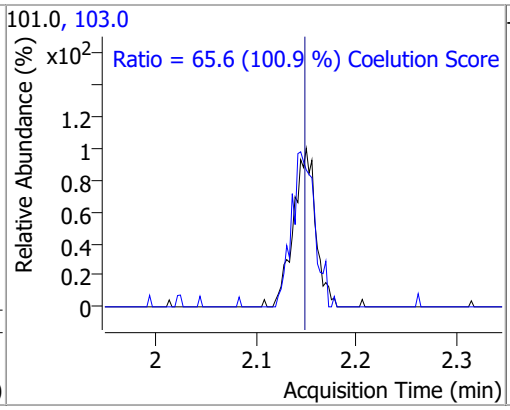


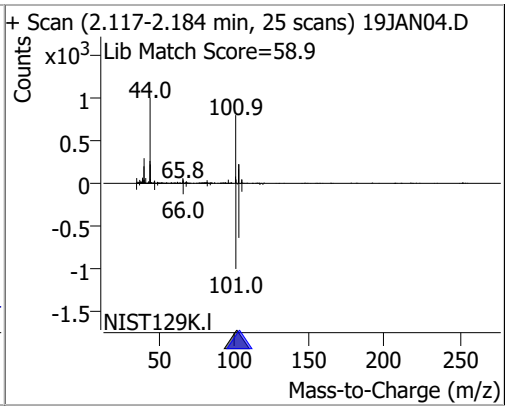




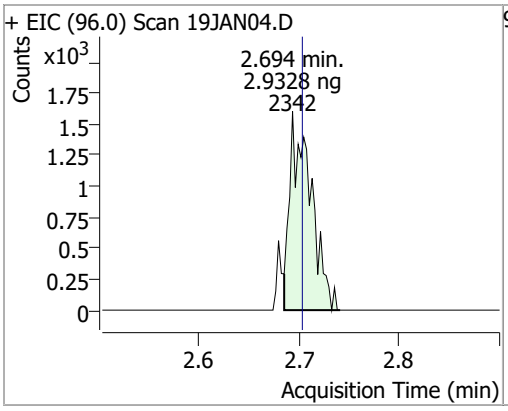
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	4.5322	2.15	0.00	6220	103.0	65.6	35.0	95.0

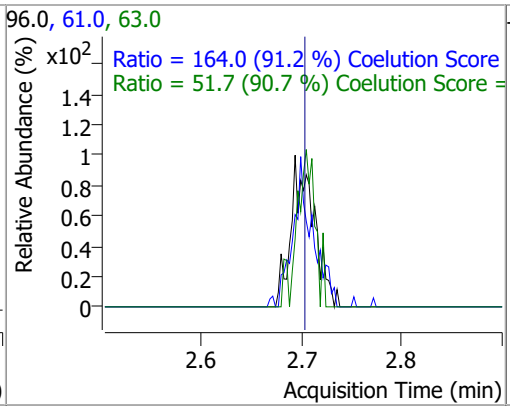


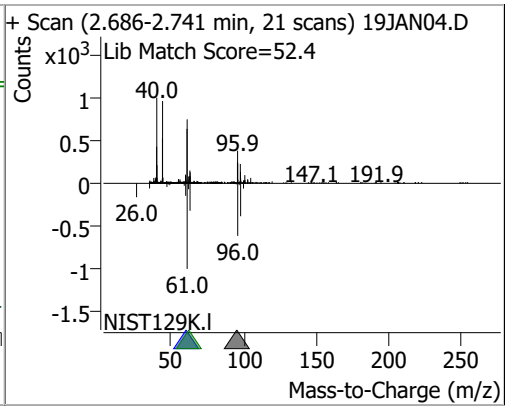




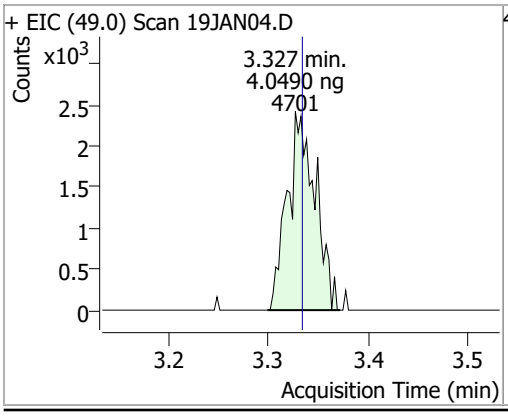
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	2.9328	2.69	-0.01	2342	61.0	164.0	149.9	209.9
					63.0	51.7	27.0	87.0

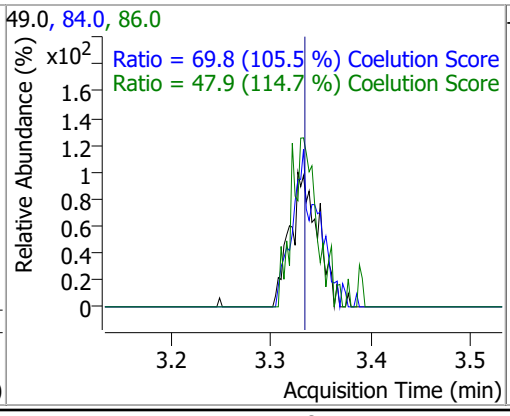


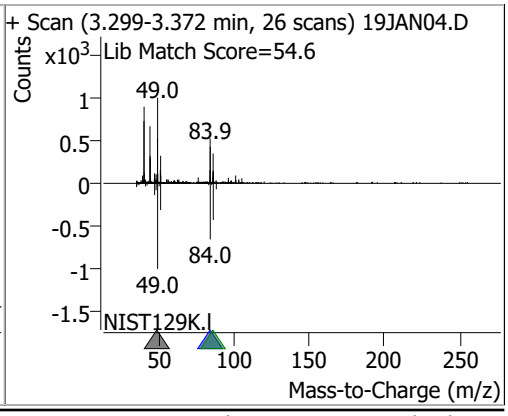




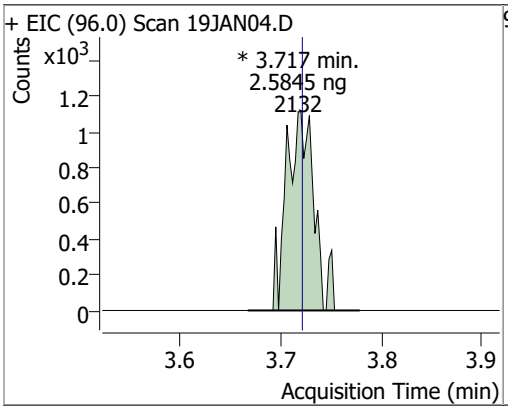
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	4.0490	3.33	-0.01	4701	84.0	69.8	36.1	96.1
					86.0	47.9	11.8	71.8

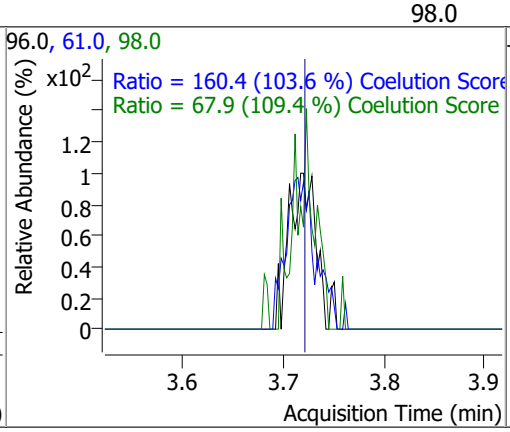


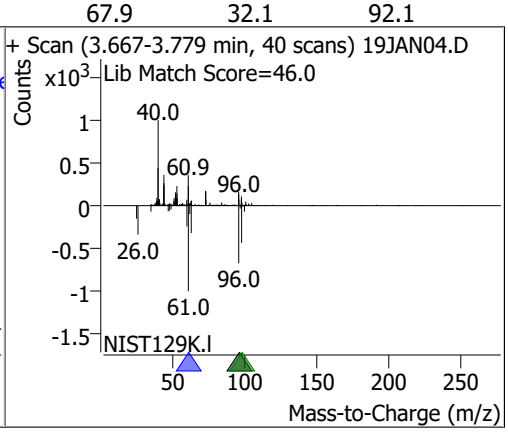




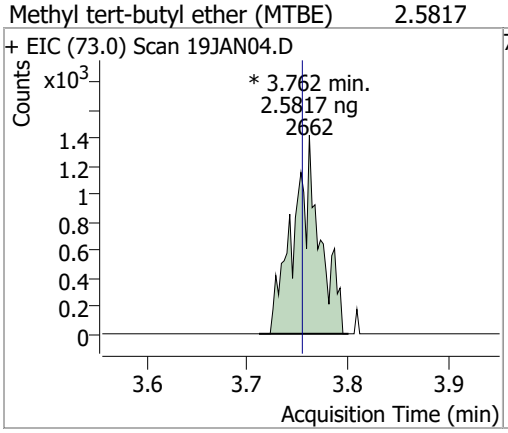
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	2.5845	3.72	0.00	2132 (m)	61.0	160.4	124.8	184.8
					98.0	67.9	32.1	92.1

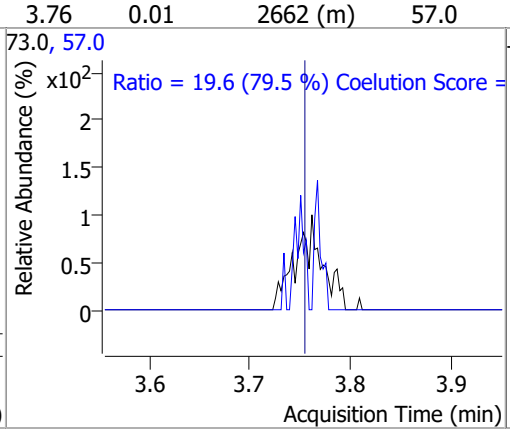


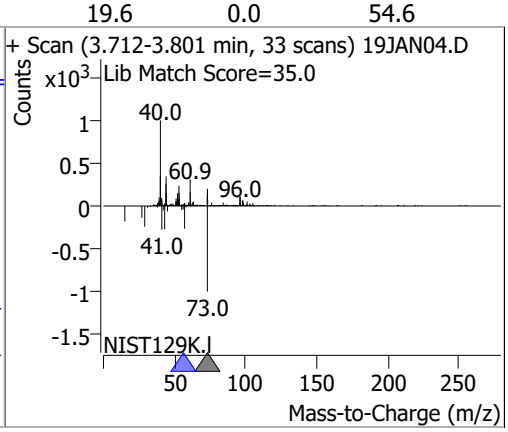




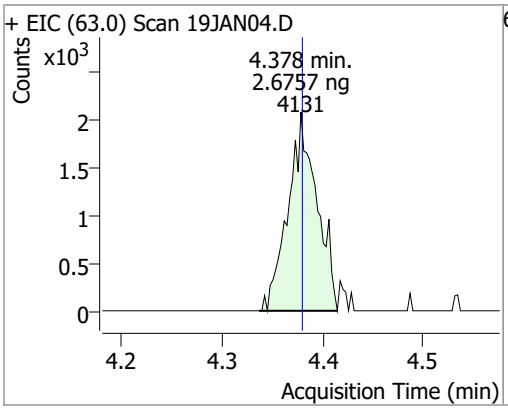
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	2.5817	3.76	0.01	2662 (m)	57.0	19.6	0.0	54.6

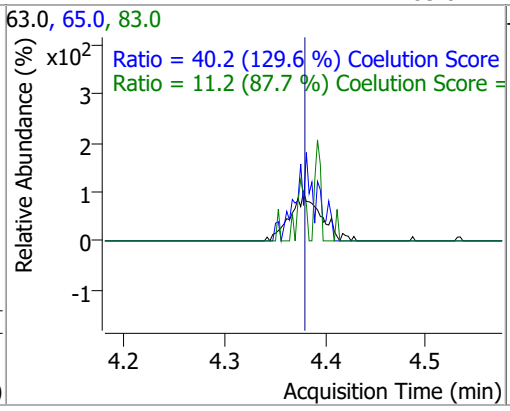


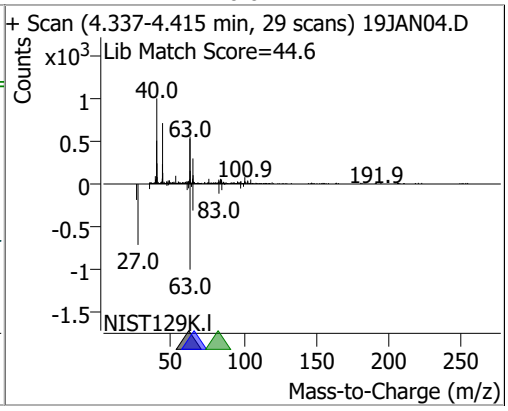




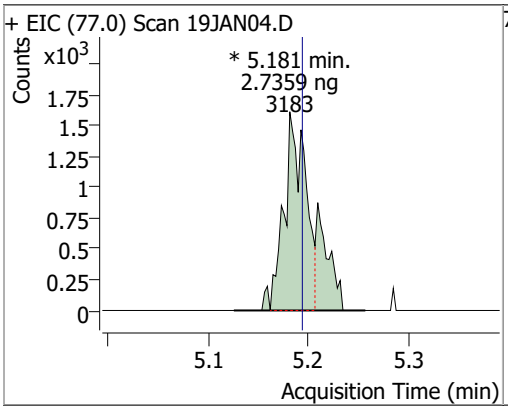
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	2.6757	4.38	0.00	4131	65.0	40.2	1.0	61.0
					83.0	11.2	0.0	42.7

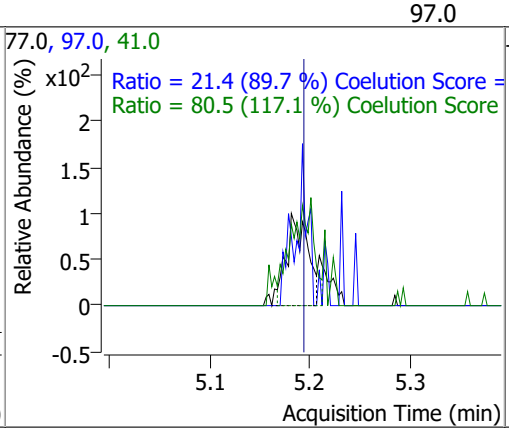


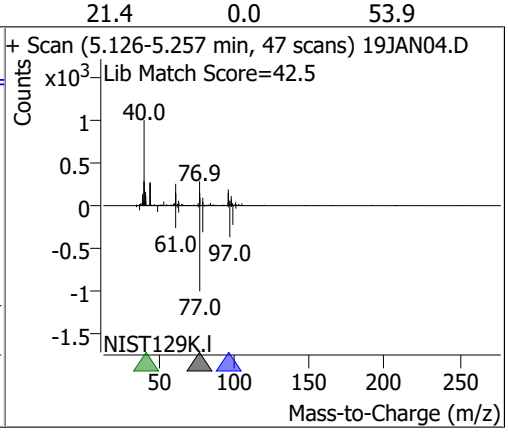




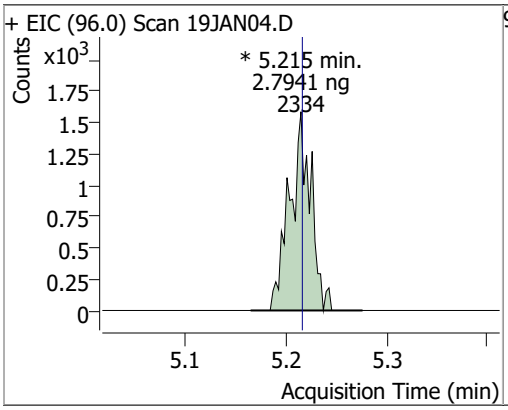
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	2.7359	5.18	-0.01	3183 (m)	41.0	80.5	38.8	98.8
					97.0	21.4	0.0	53.9

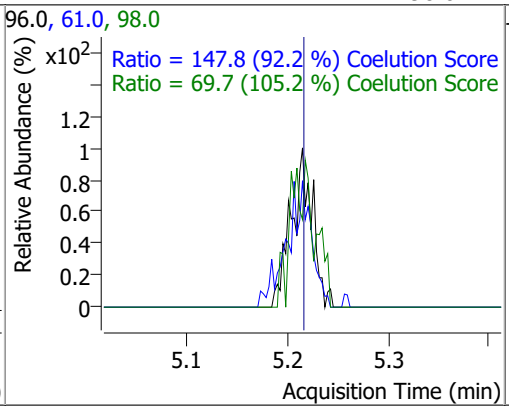


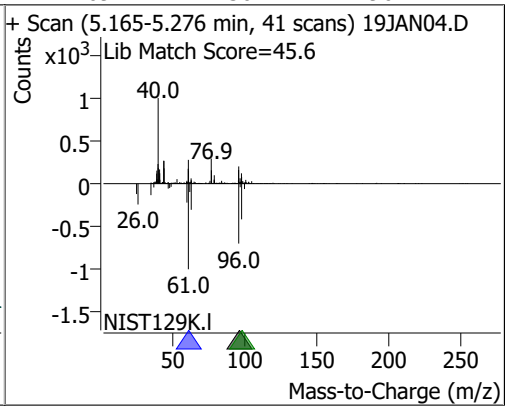




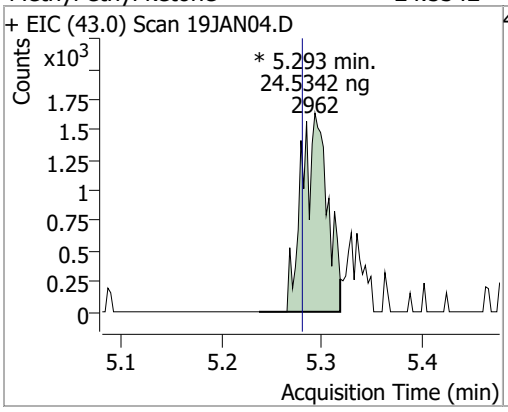
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	2.7941	5.21	0.00	2334 (m)	61.0	147.8	130.4	190.4
					98.0	69.7	36.2	96.2

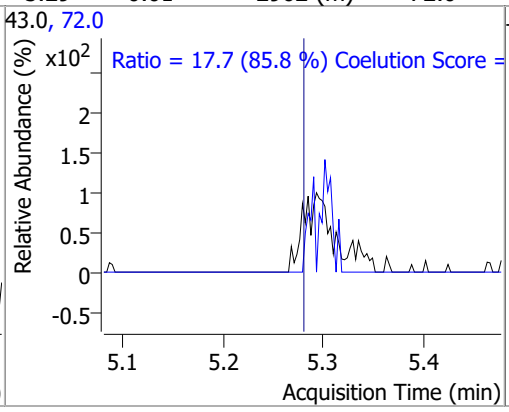


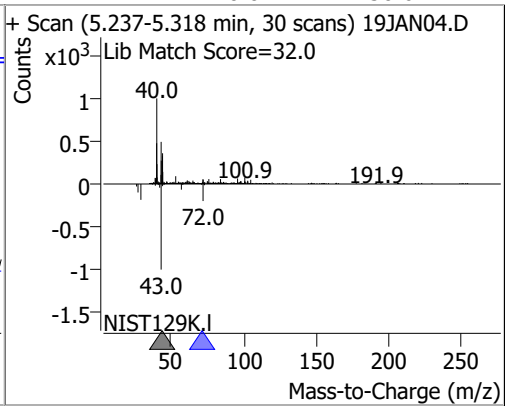




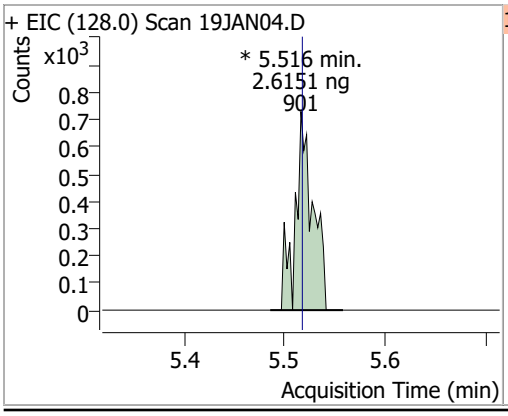
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	24.5342	5.29	0.01	2962 (m)	72.0	17.7	0.0	50.6

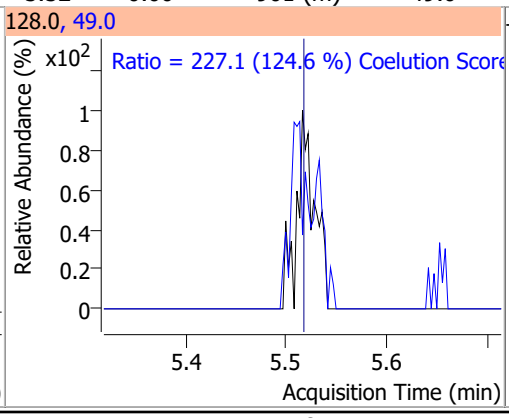


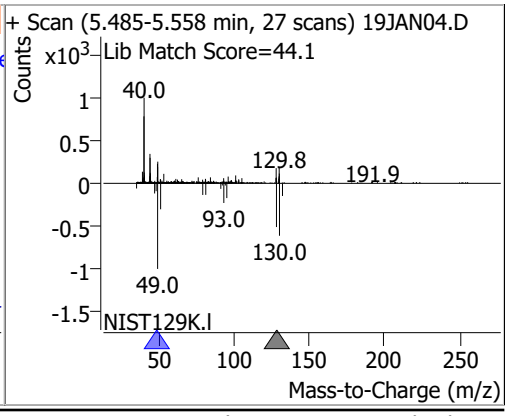




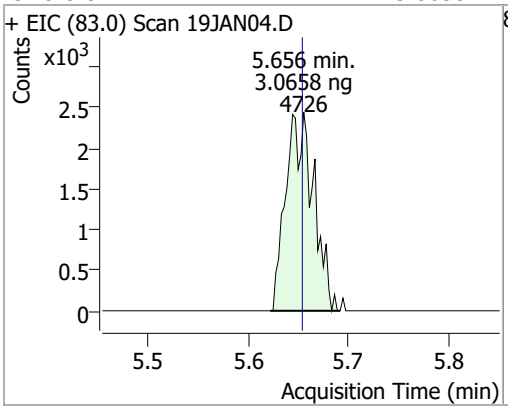
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	2.6151	5.52	0.00	901 (m)	49.0	227.1	152.2	212.2

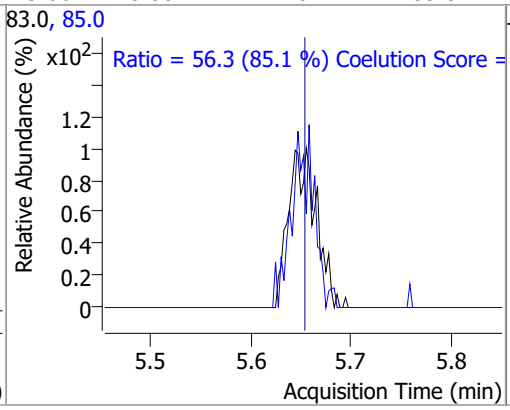


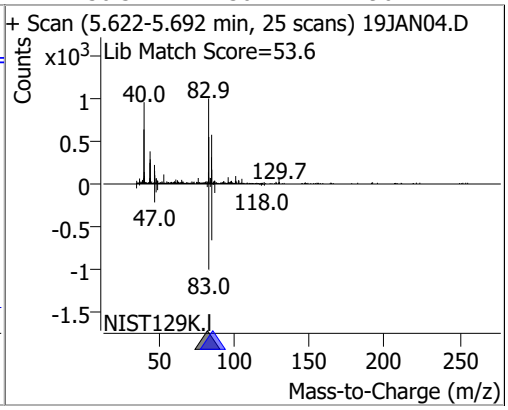




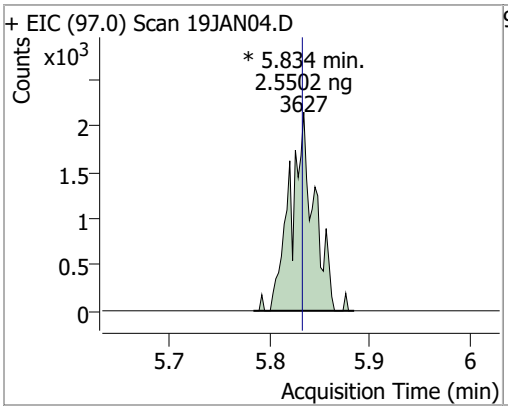
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	3.0658	5.66	0.00	4726	85.0	56.3	36.2	96.2

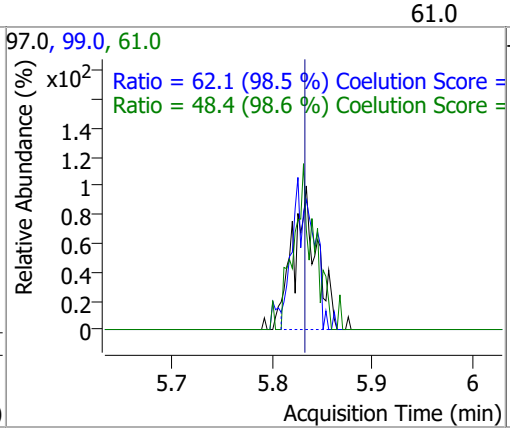


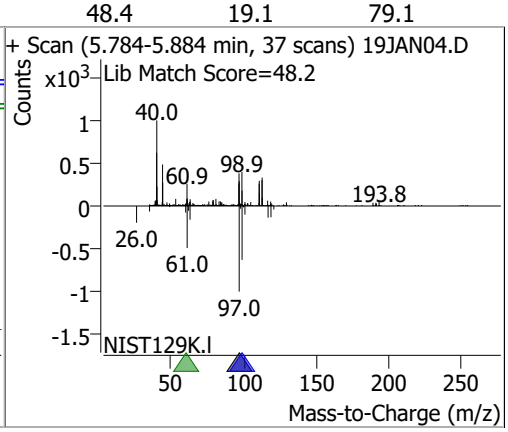




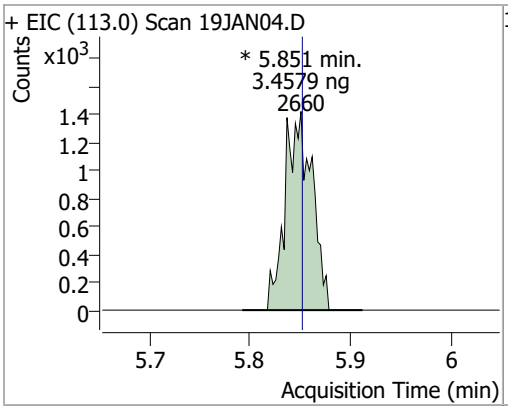
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	2.5502	5.83	0.00	3627 (m)	99.0	62.1	33.1	93.1
					61.0	48.4	19.1	79.1

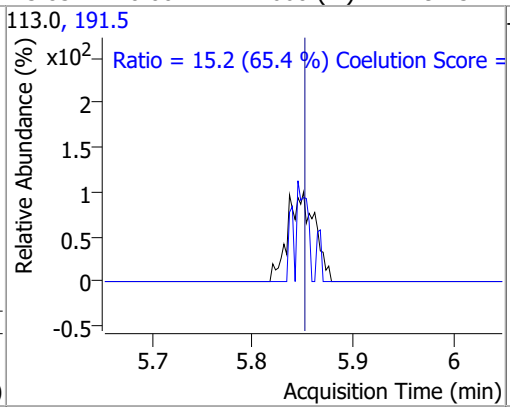


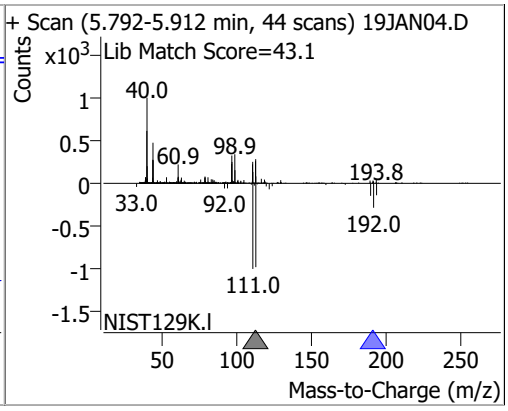




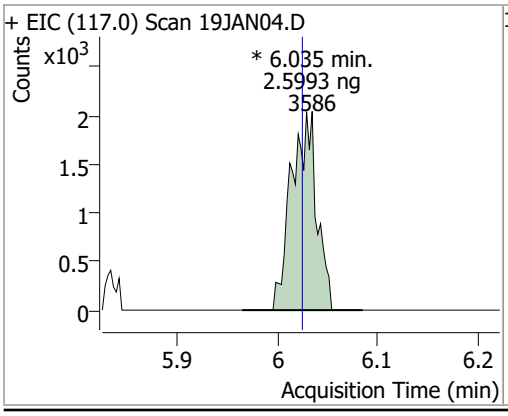
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	3.4579	5.85	0.00	2660 (m)	191.5	15.2	0.0	53.2

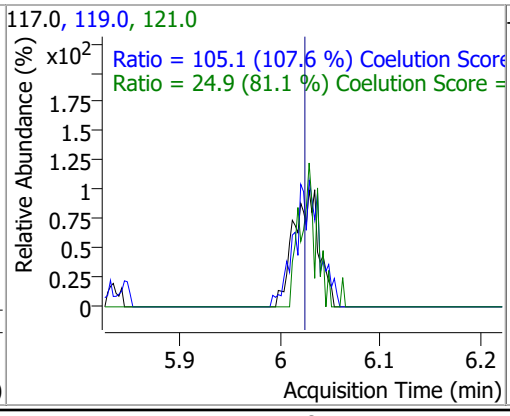


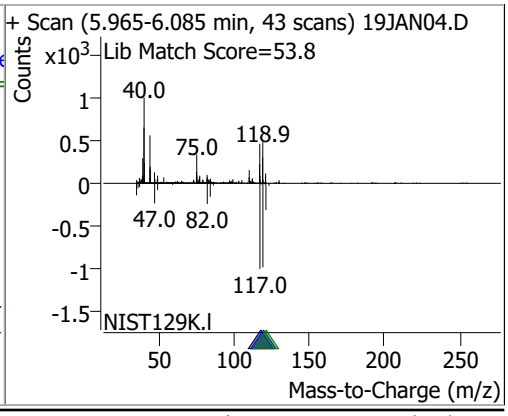




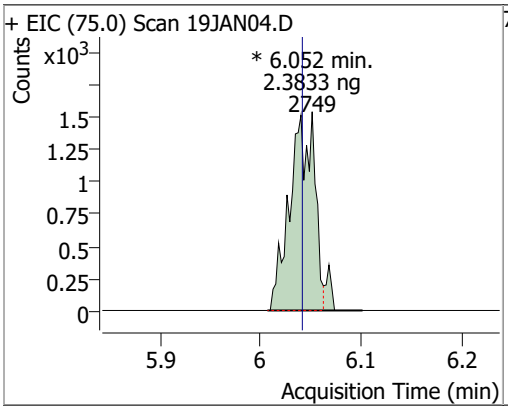
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	2.5993	6.03	0.01	3586 (m)	119.0	105.1	67.6	127.6
					121.0	24.9	0.7	60.7

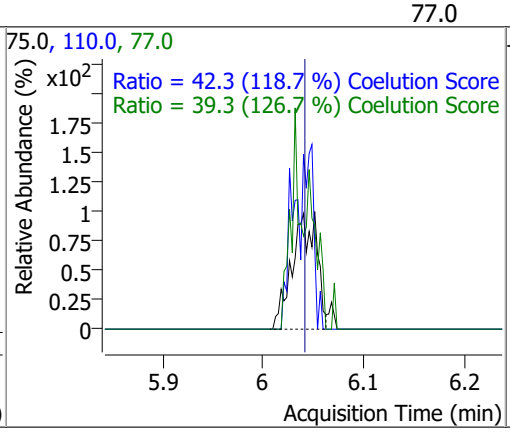


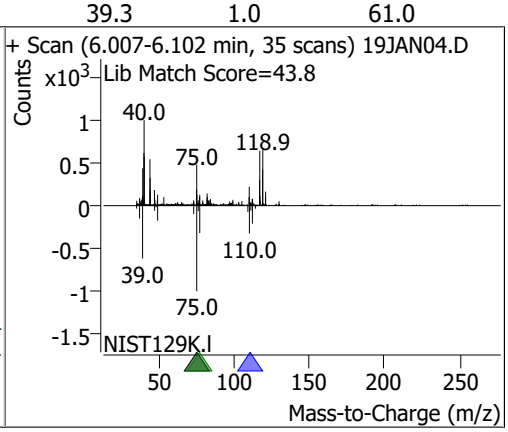




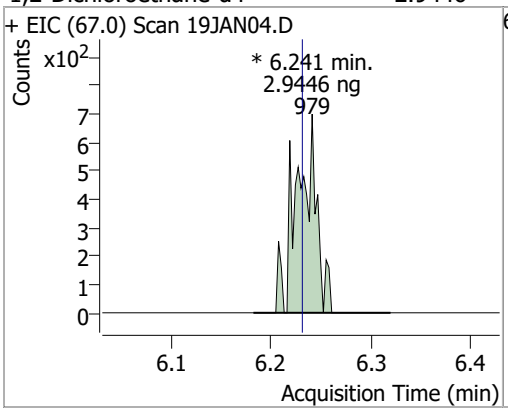
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	2.3833	6.05	0.01	2749 (m)	110.0	42.3	5.6	65.6
					77.0	39.3	1.0	61.0

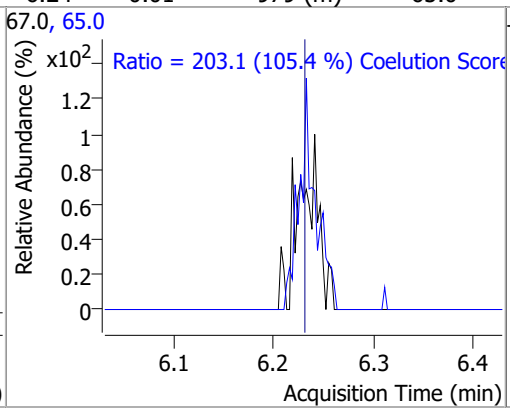


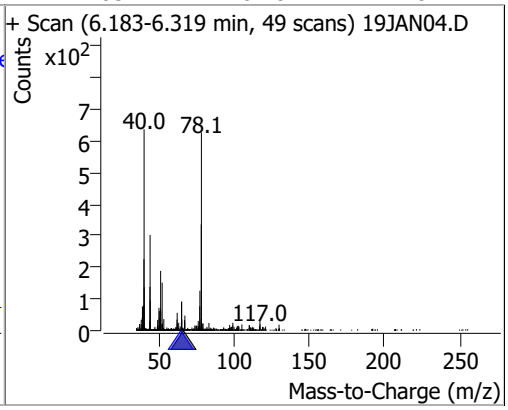




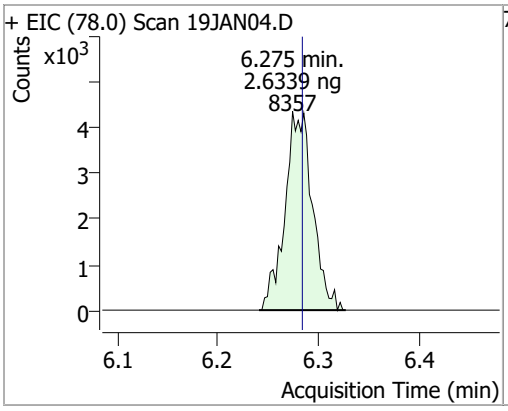
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	2.9446	6.24	0.01	979 (m)	65.0	203.1	162.8	222.8

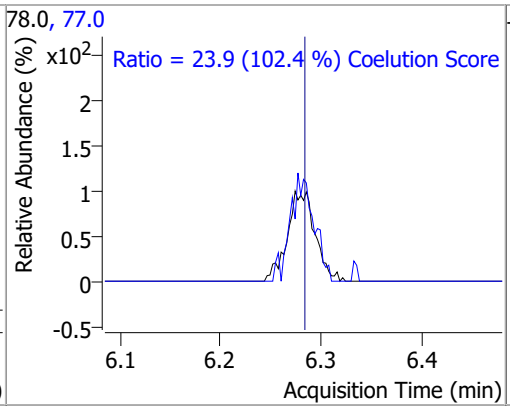


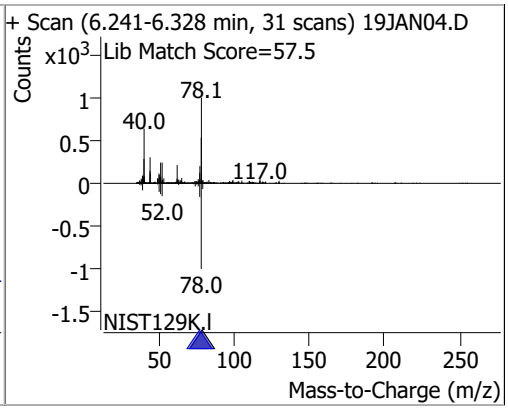




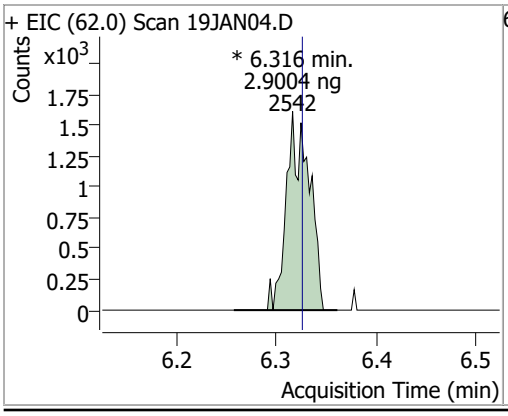
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.6339	6.27	-0.01	8357	77.0	23.9	0.0	53.3

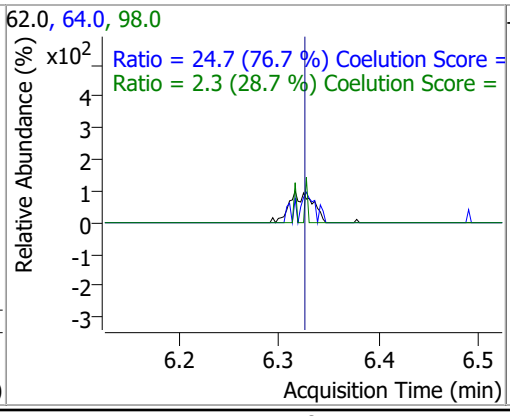


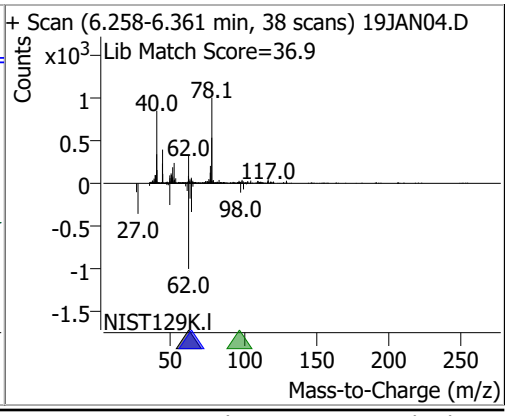




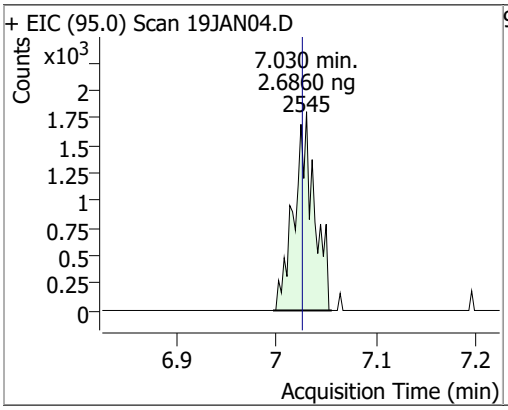
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.9004	6.32	-0.01	2542 (m)	64.0	24.7	2.2	62.2
					98.0	2.3	0.0	38.2

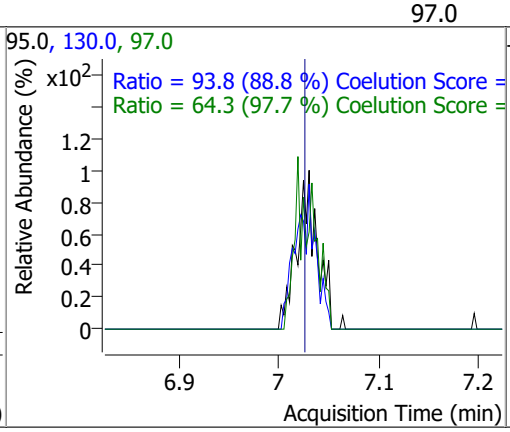


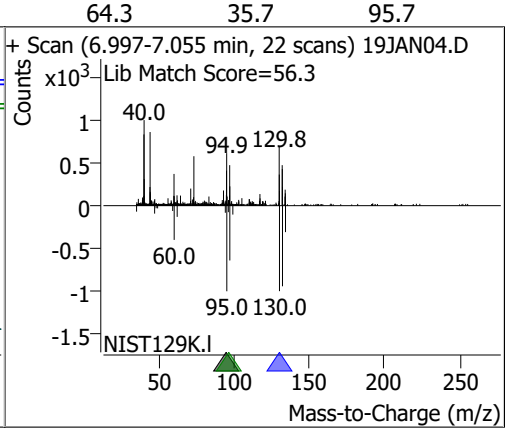




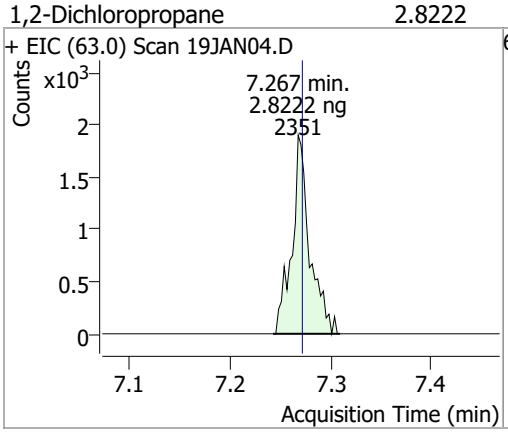
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	2.6860	7.03	0.01	2545	130.0	93.8	75.6	135.6
					97.0	64.3	35.7	95.7

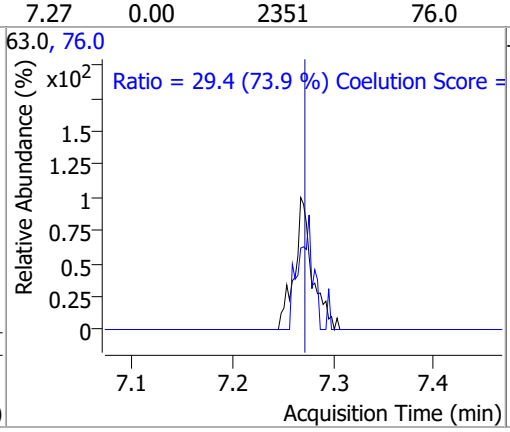


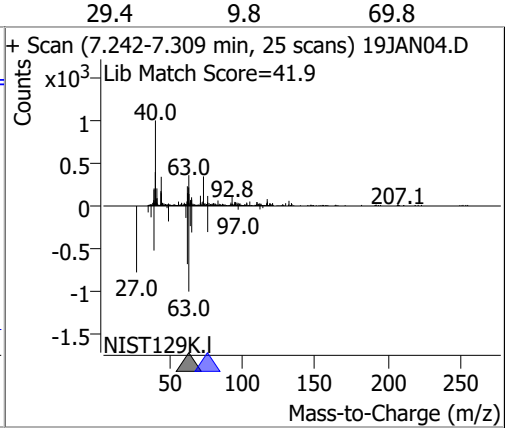




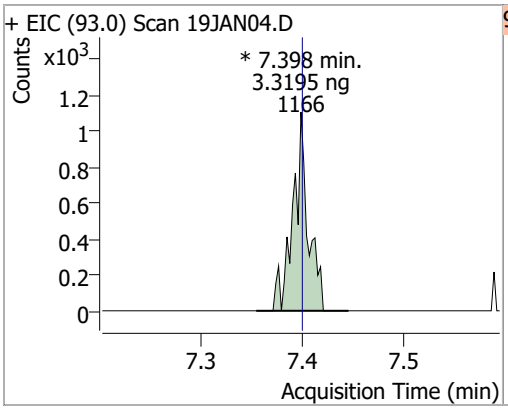
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	2.8222	7.27	0.00	2351	76.0	29.4	9.8	69.8

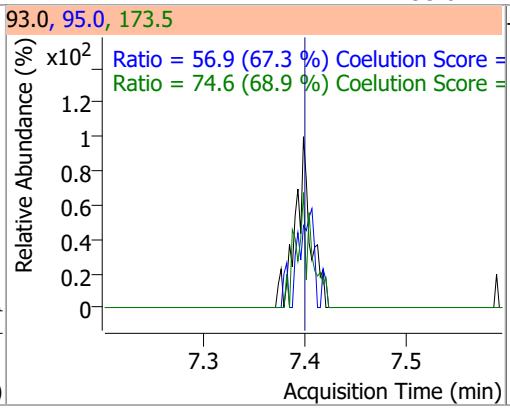


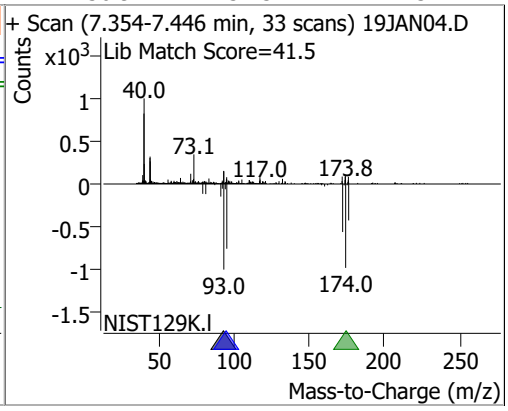




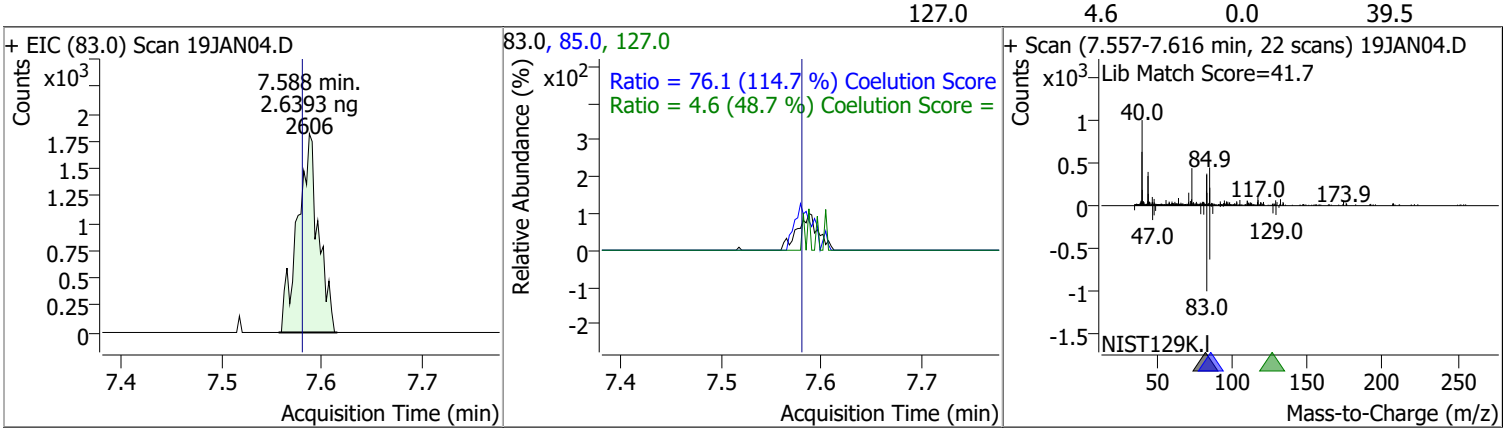
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	3.3195	7.40	0.00	1166 (m)	173.5	74.6	78.2	138.2
					95.0	56.9	54.5	114.5



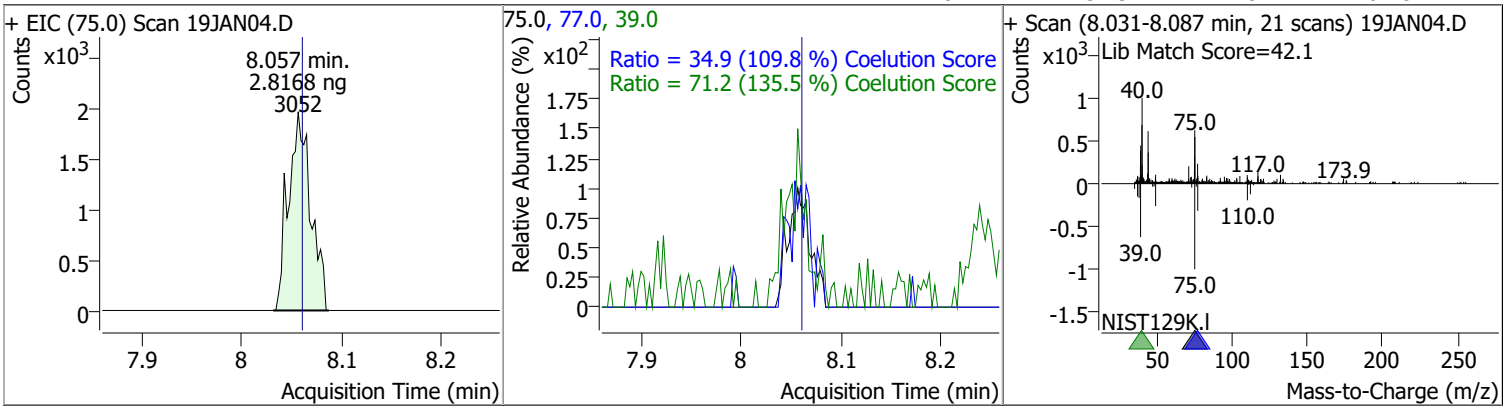




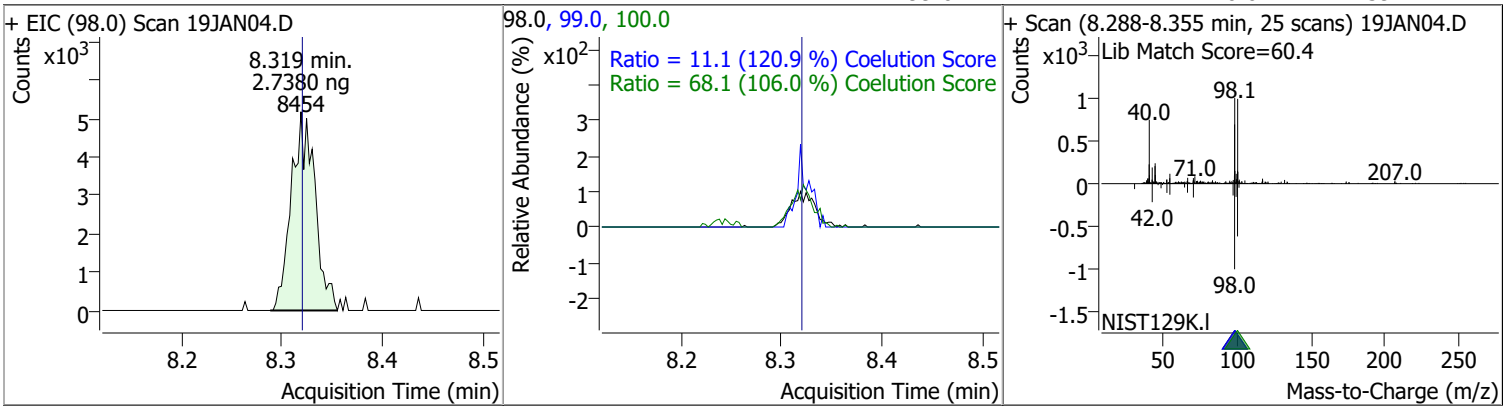
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	2.6393	7.59	0.01	2606	85.0	76.1	36.3	96.3
					127.0	4.6	0.0	39.5



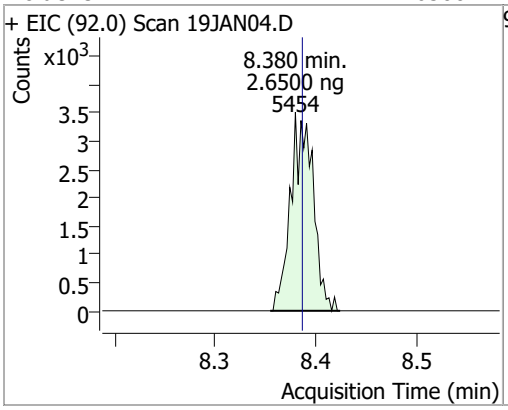
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	2.8168	8.06	0.00	3052	39.0	71.2	22.5	82.5
					77.0	34.9	1.8	61.8

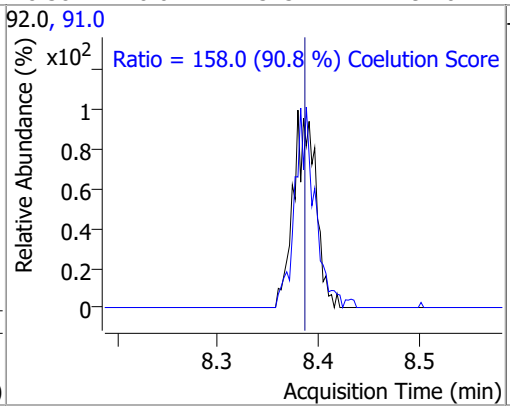


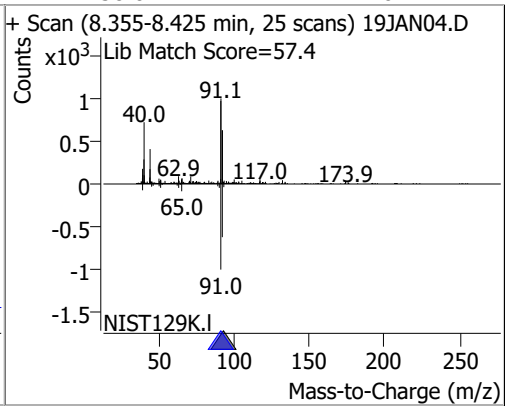
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	2.7380	8.32	0.00	8454	100.0	68.1	34.3	94.3
					99.0	11.1	0.0	39.2



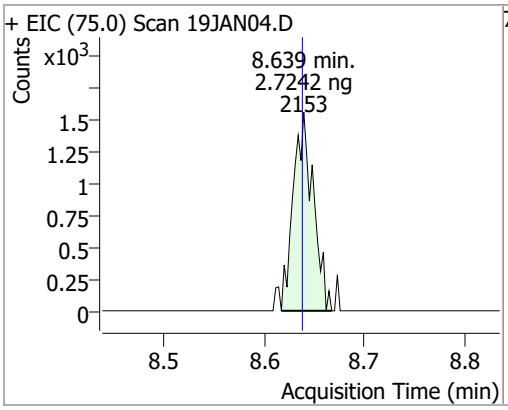
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.6500	8.38	-0.01	5454	91.0	158.0	144.1	204.1

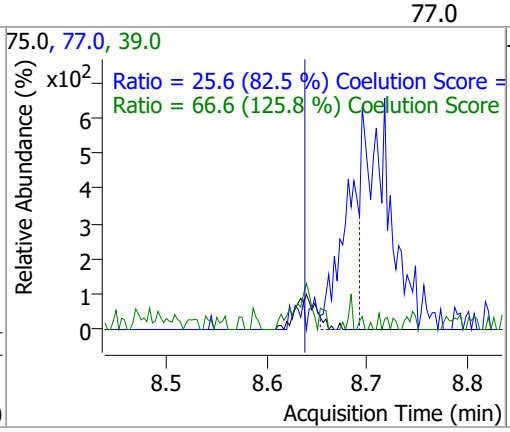


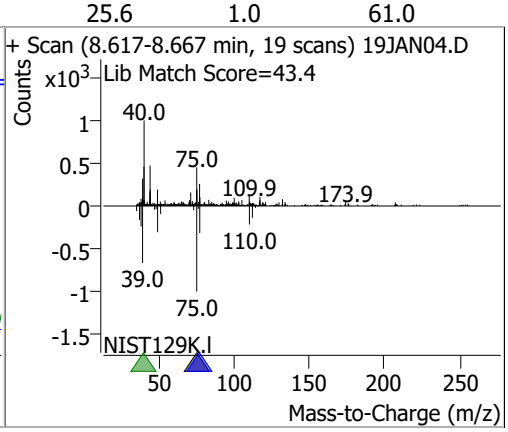




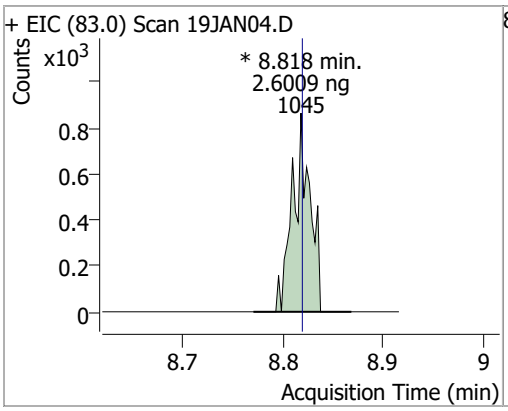
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	2.7242	8.64	0.00	2153	39.0	66.6	23.0	83.0
					77.0	25.6	1.0	61.0

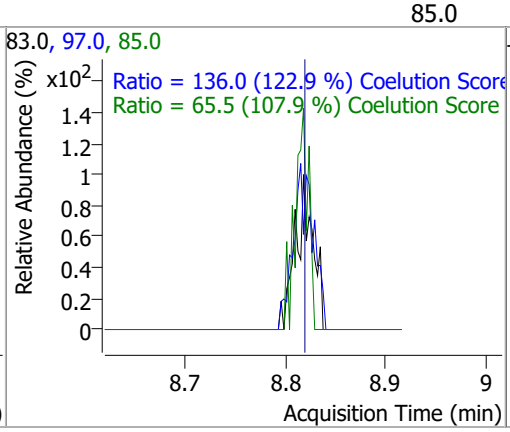


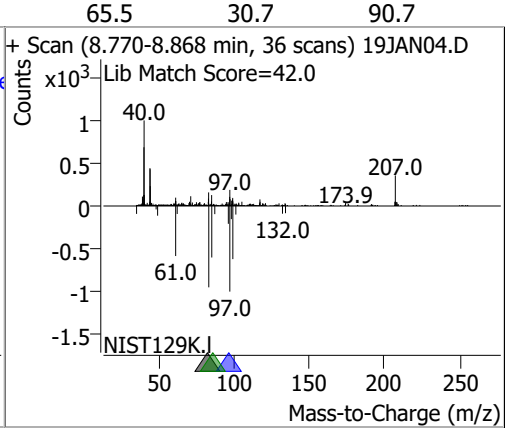




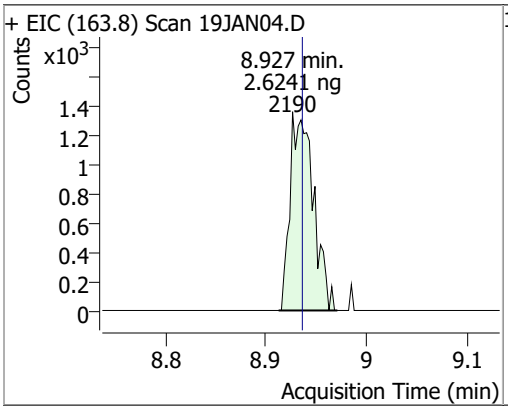
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	2.6009	8.82	0.00	1045 (m)	97.0	136.0	80.7	140.7
					85.0	65.5	30.7	90.7

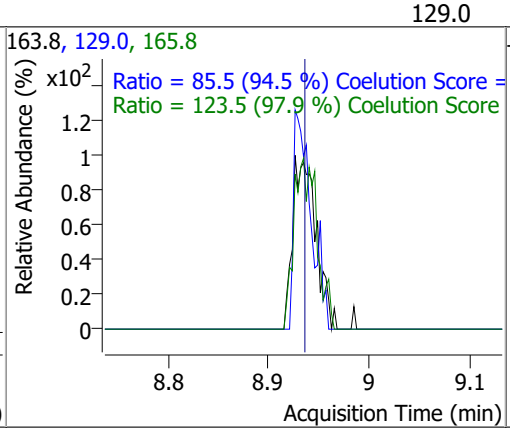


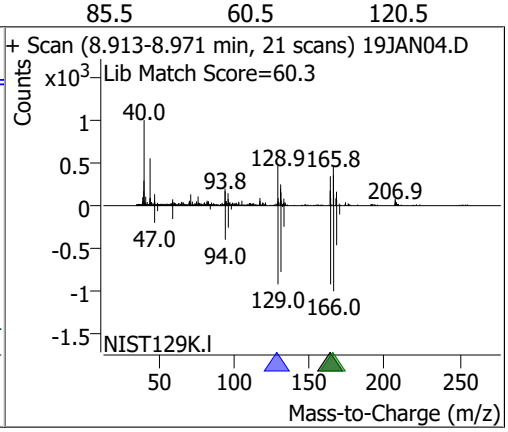




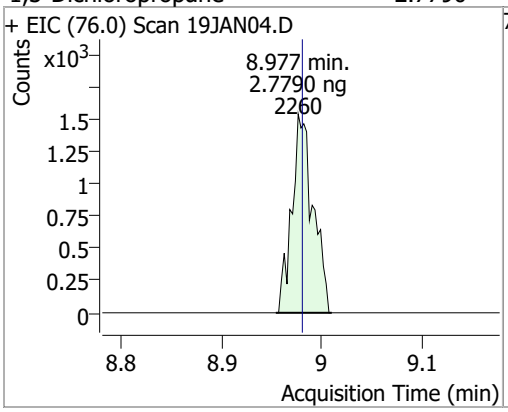
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	2.6241	8.93	-0.01	2190	165.8	123.5	96.1	156.1
					129.0	85.5	60.5	120.5

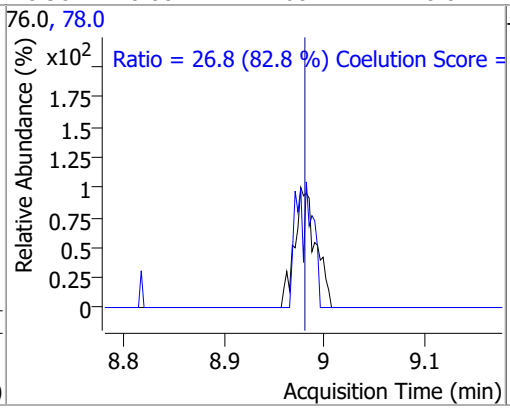


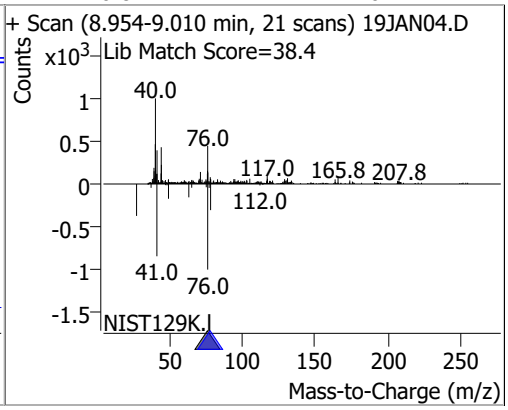




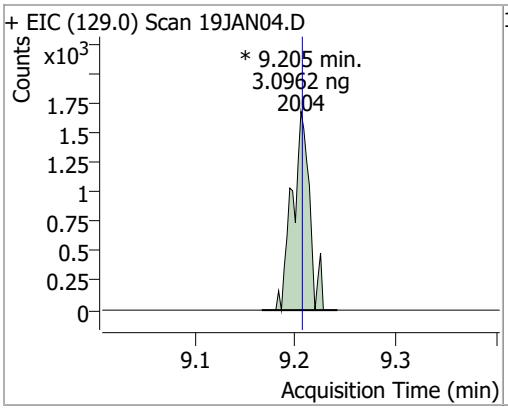
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	2.7790	8.98	0.00	2260	78.0	26.8	2.4	62.4

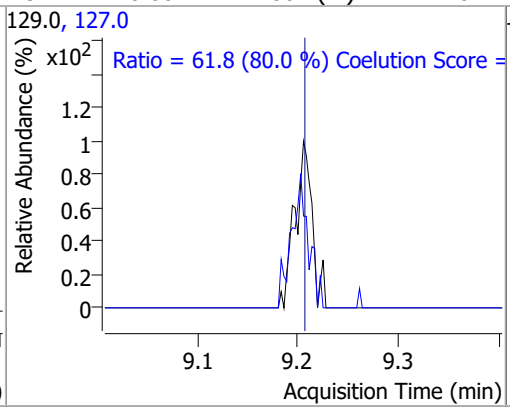


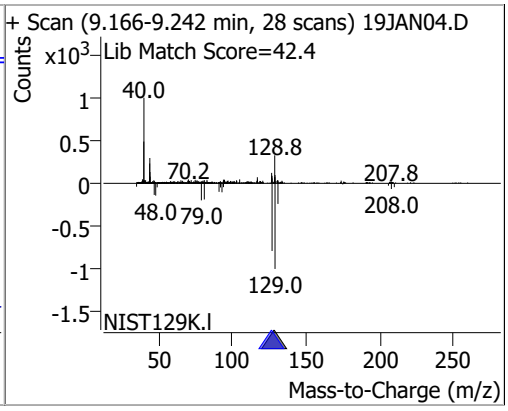




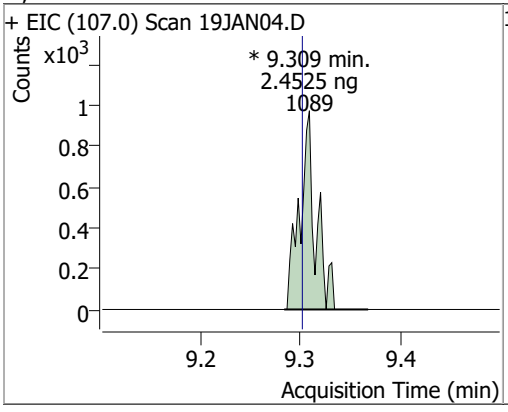
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	3.0962	9.21	0.00	2004 (m)	127.0	61.8	47.2	107.2

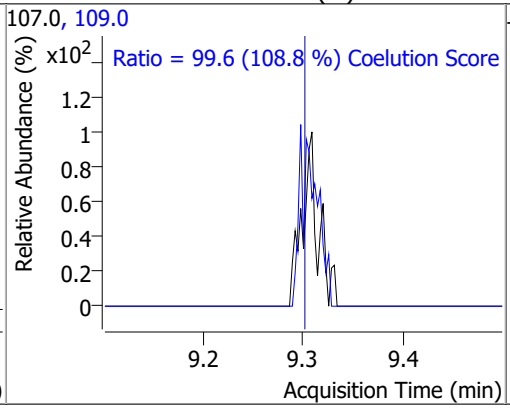


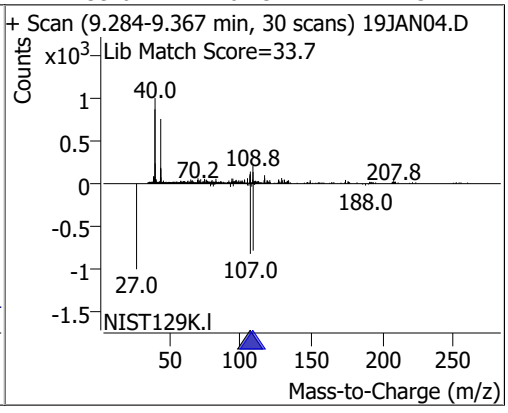




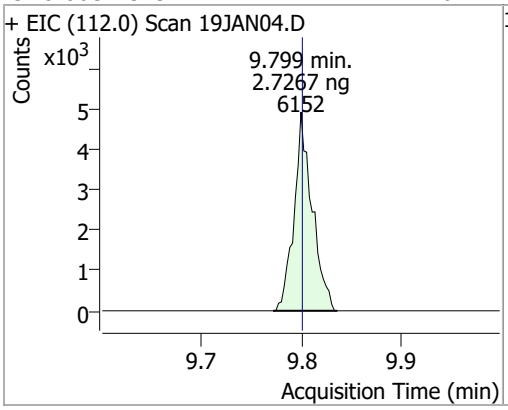
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	2.4525	9.31	0.01	1089 (m)	109.0	99.6	61.5	121.5

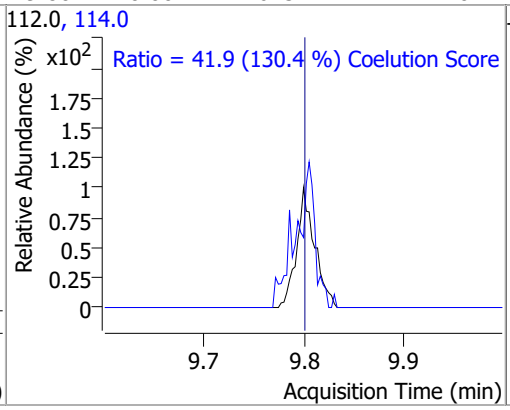


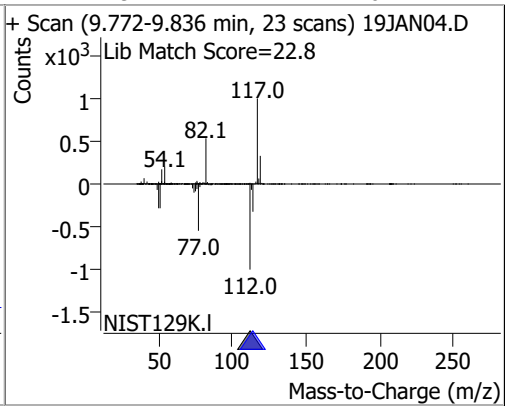




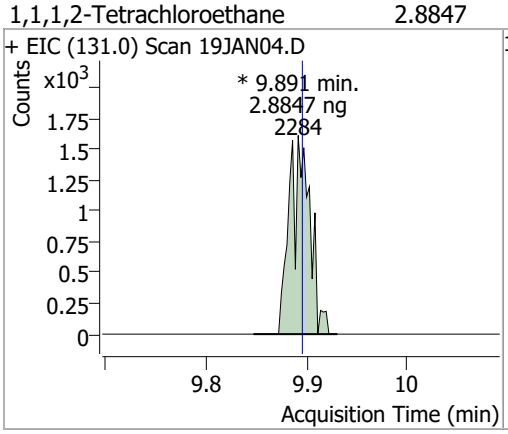
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	2.7267	9.80	0.00	6152	114.0	41.9	2.2	62.2

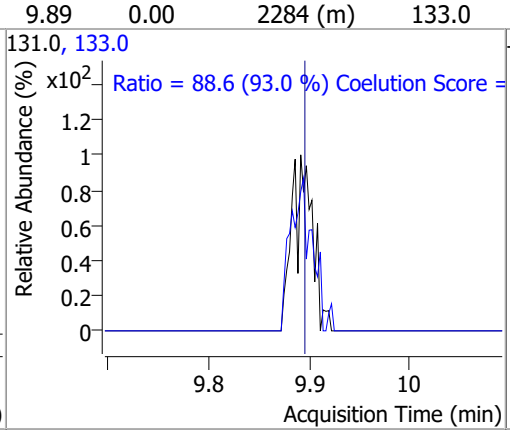


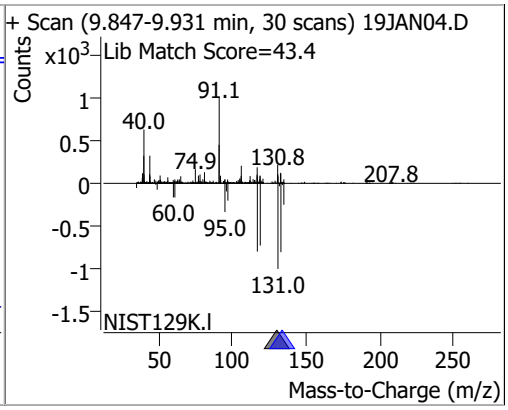




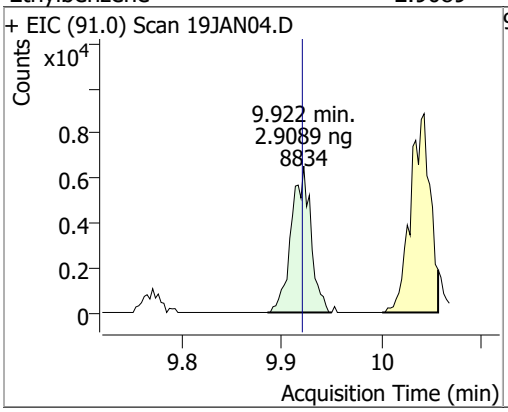
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	2.8847	9.89	0.00	2284 (m)	133.0	88.6	65.3	125.3

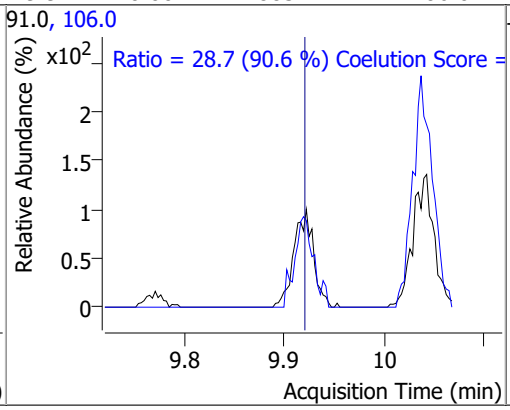


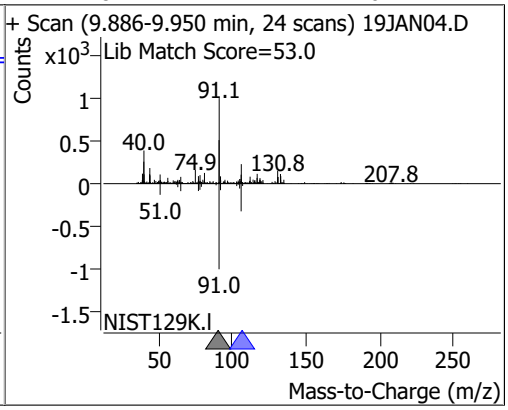




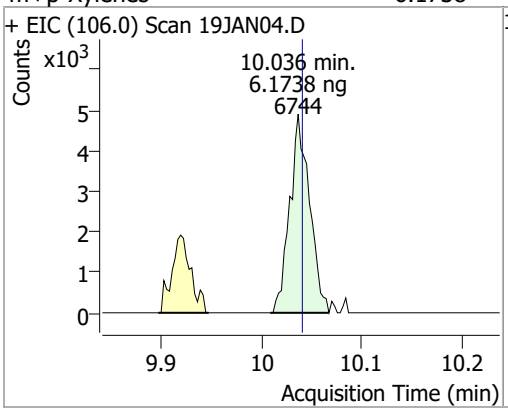
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	2.9089	9.92	0.00	8834	106.0	28.7	1.7	61.7

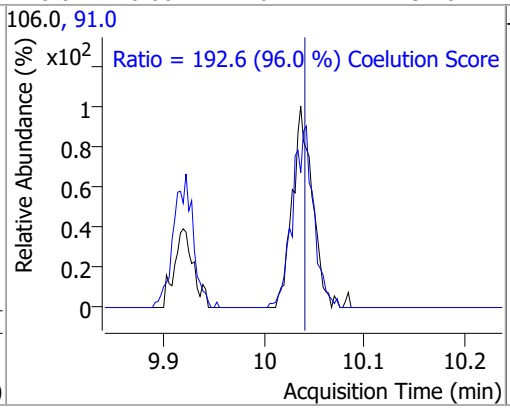


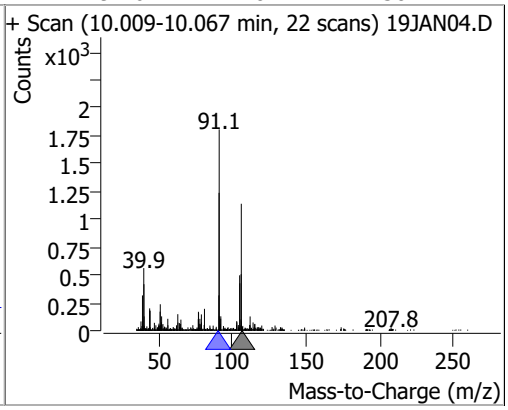




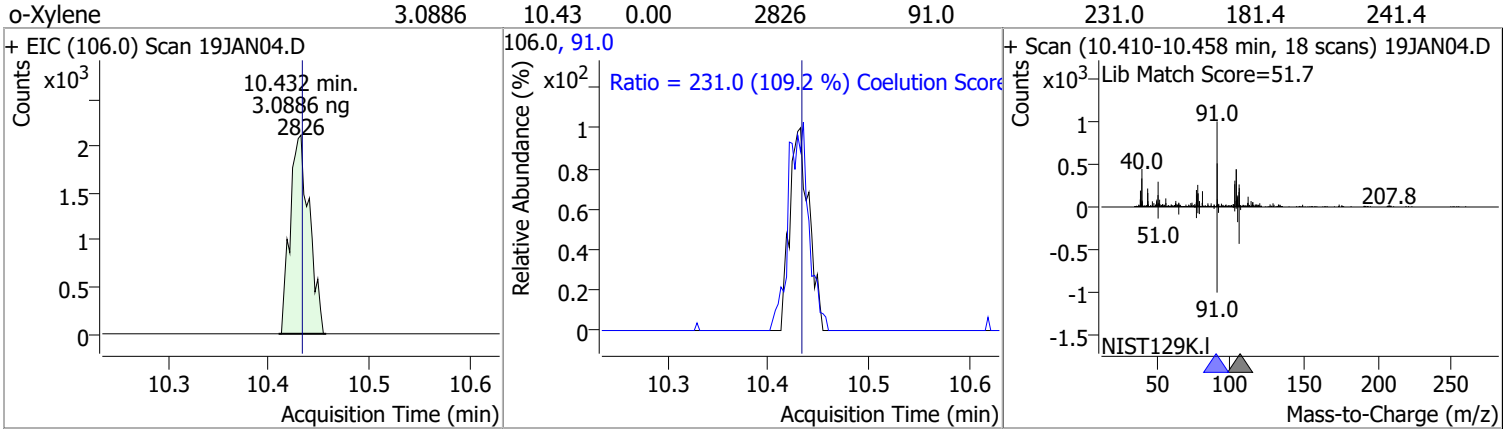
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	6.1738	10.04	0.00	6744	91.0	192.6	170.7	230.7



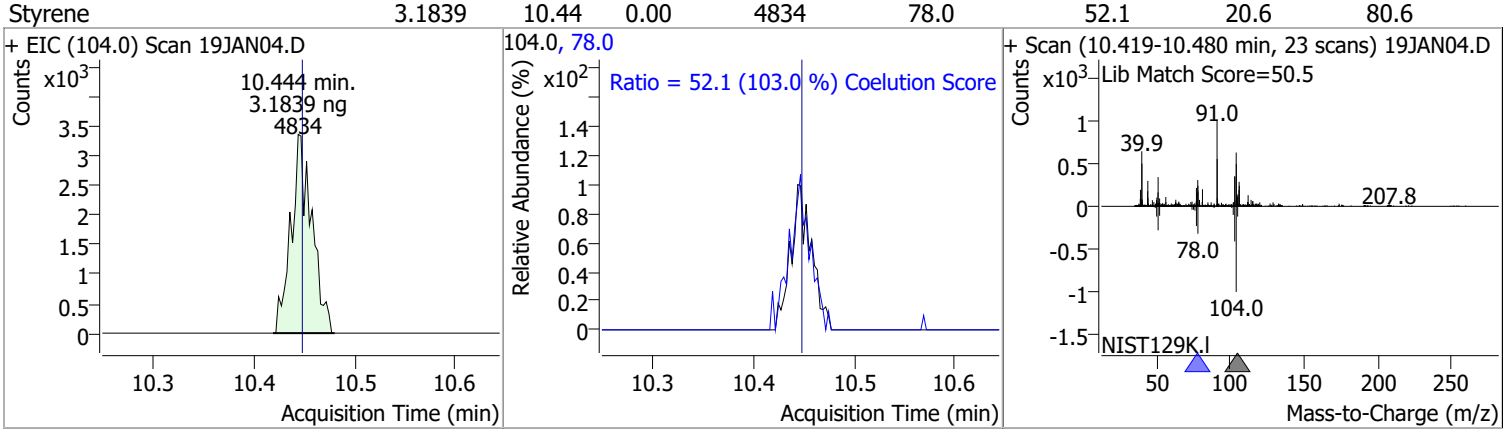




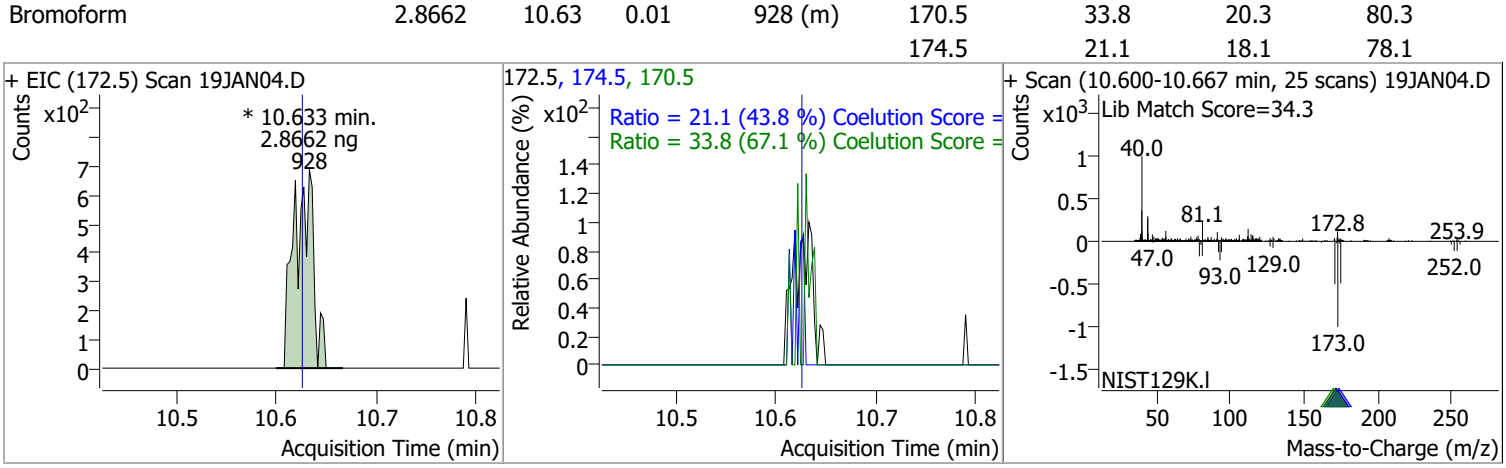
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	3.0886	10.43	0.00	2826	91.0	231.0	181.4	241.4



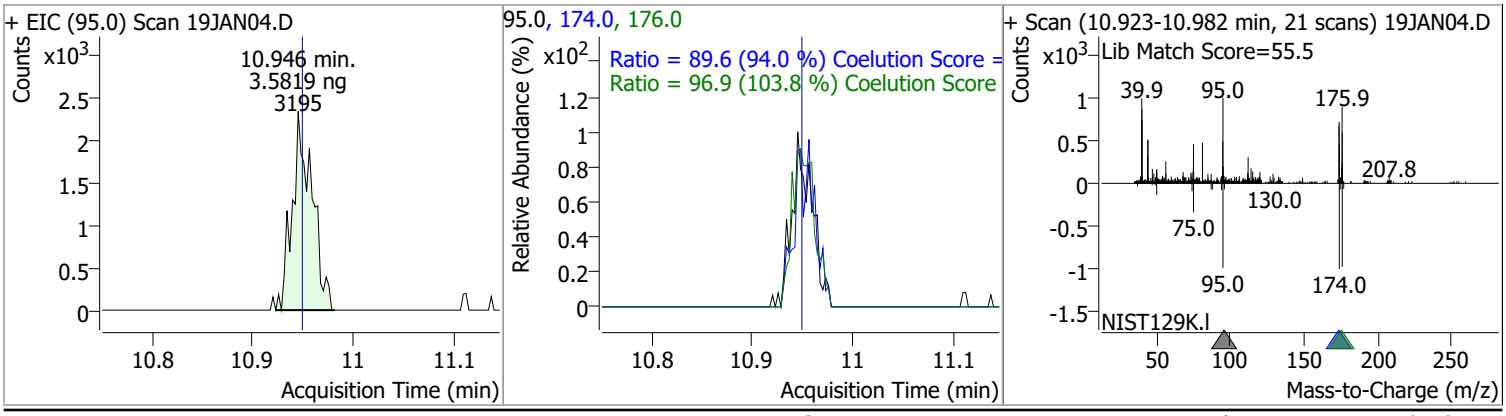
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	3.1839	10.44	0.00	4834	78.0	52.1	20.6	80.6



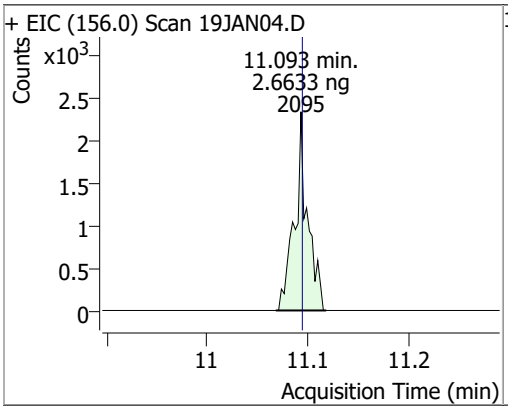
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	2.8662	10.63	0.01	928 (m)	170.5	33.8	20.3	80.3
					174.5	21.1	18.1	78.1

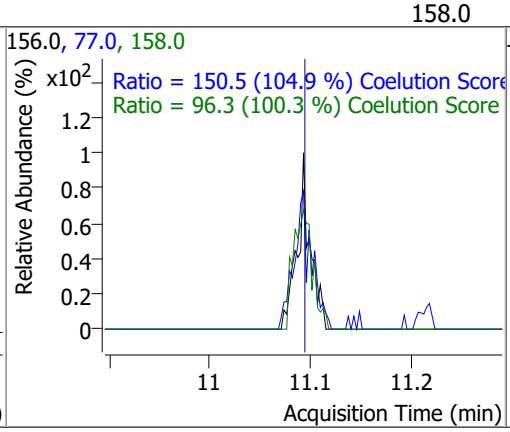


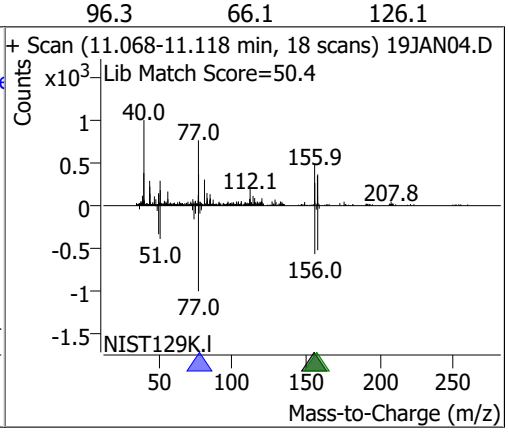
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	3.5819	10.95	0.00	3195	174.0	89.6	65.3	125.3
					176.0	96.9	63.3	123.3



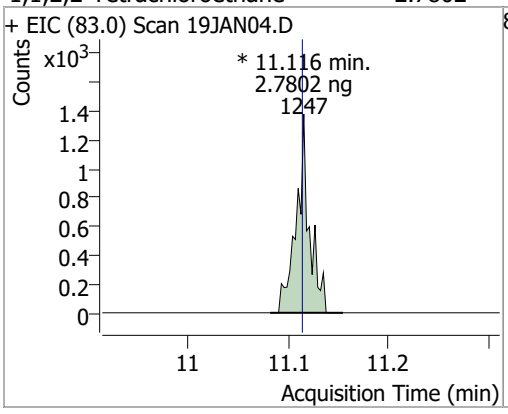
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	2.6633	11.09	0.00	2095	77.0	150.5	113.5	173.5
					158.0	96.3	66.1	126.1

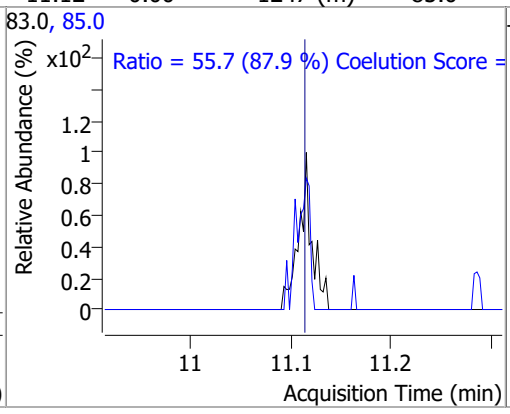


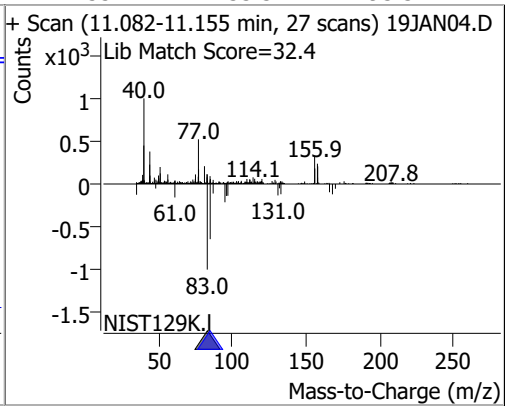




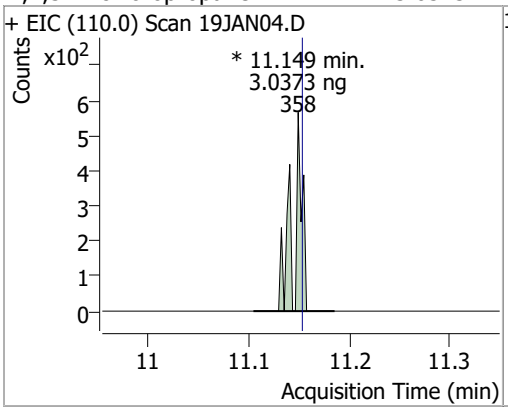
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	2.7802	11.12	0.00	1247 (m)	85.0	55.7	33.3	93.3

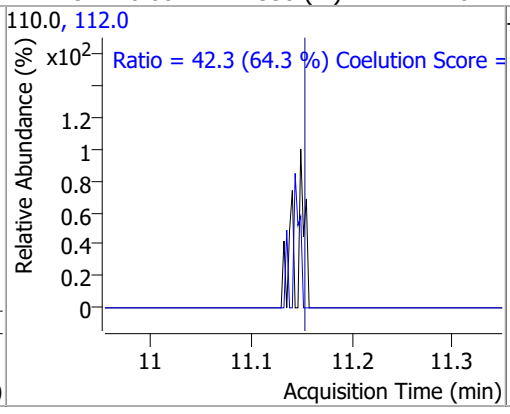


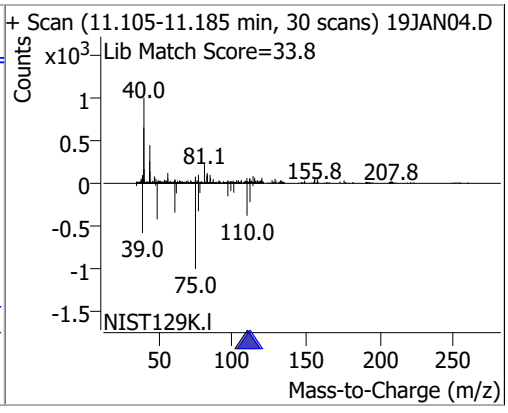




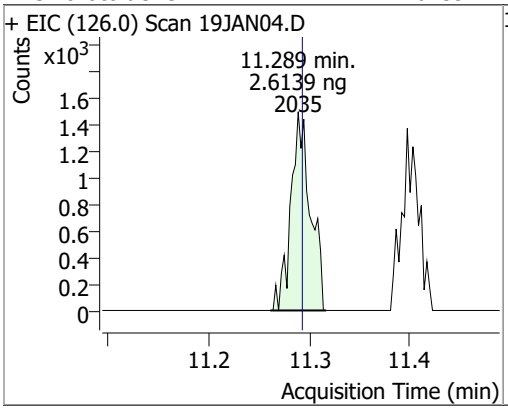
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	3.0373	11.15	0.00	358 (m)	112.0	42.3	35.8	95.8

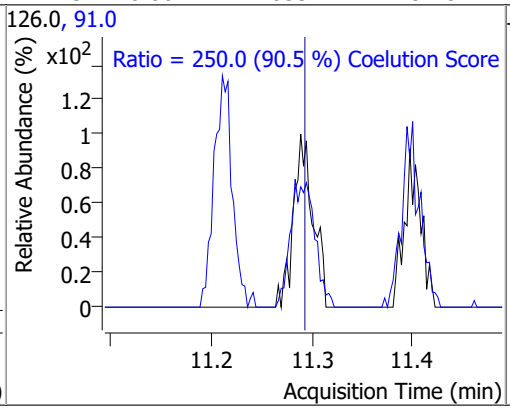


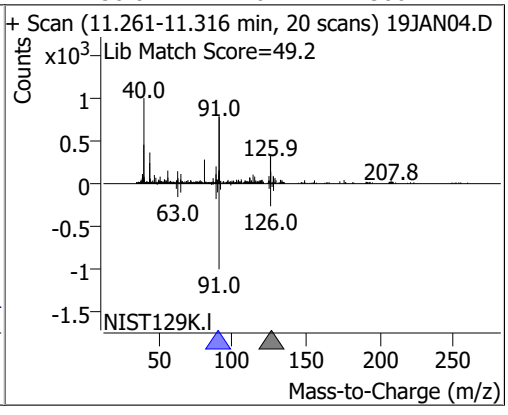




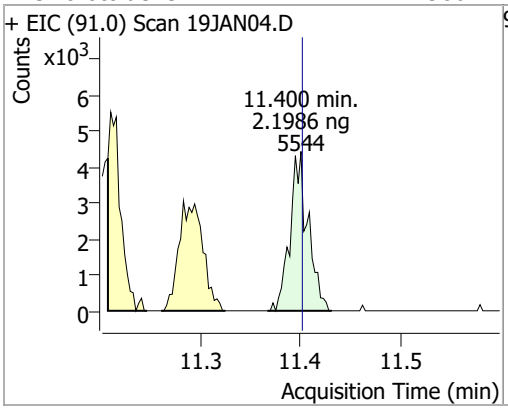
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	2.6139	11.29	0.00	2035	91.0	250.0	246.2	306.2

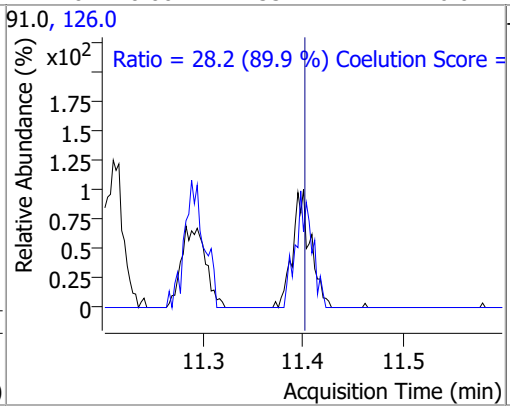


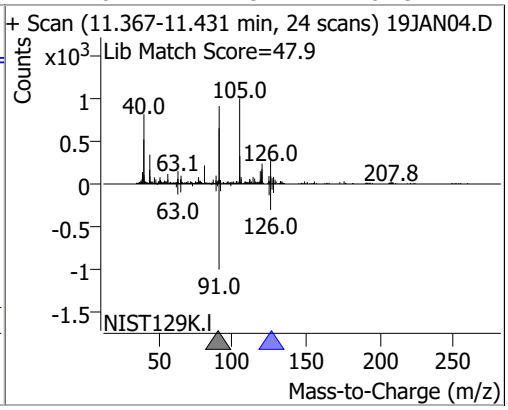




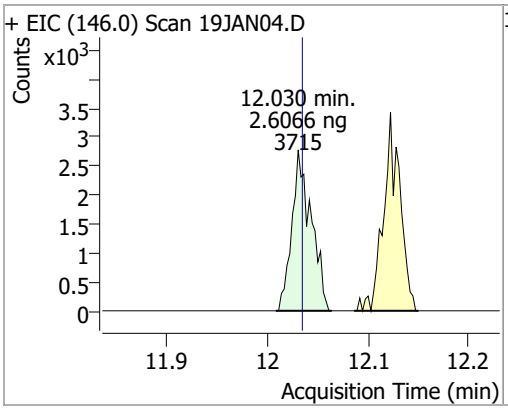
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	2.1986	11.40	0.00	5544	126.0	28.2	1.3	61.3

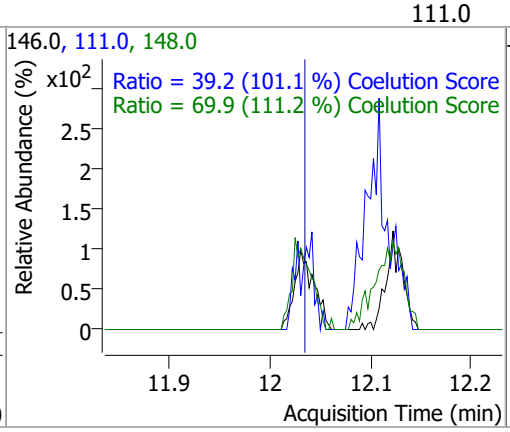


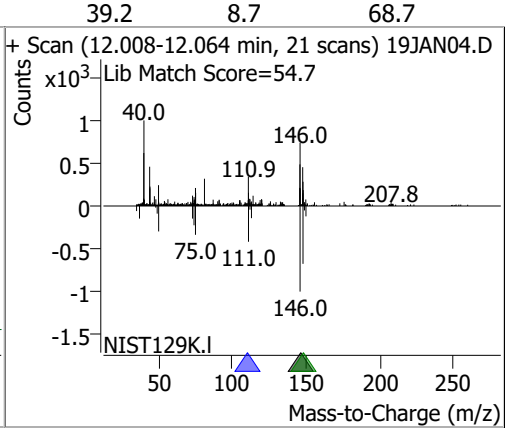




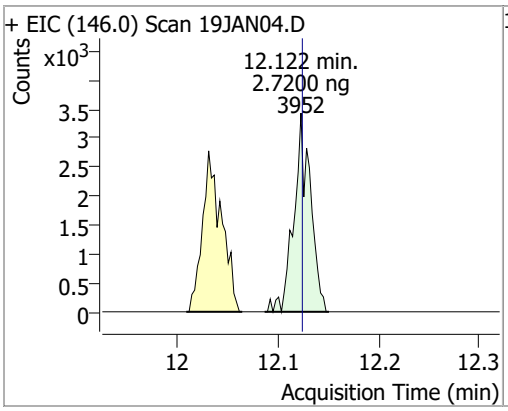
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	2.6066	12.03	0.00	3715	148.0	69.9	32.8	92.8
					111.0	39.2	8.7	68.7

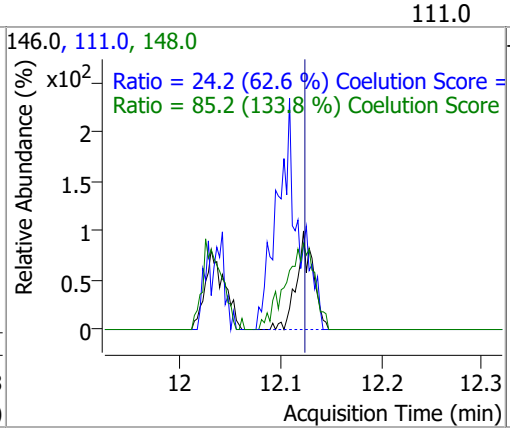


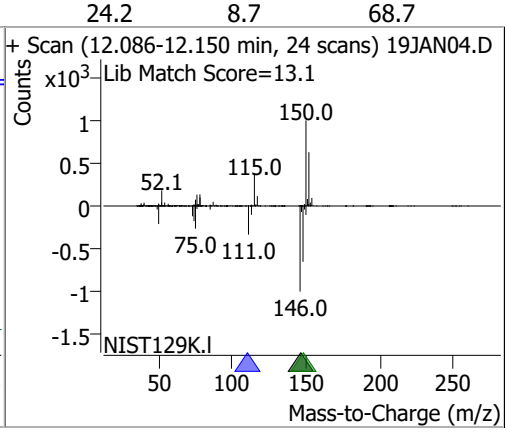




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	2.7200	12.12	0.00	3952	148.0	85.2	33.7	93.7
					111.0	24.2	8.7	68.7

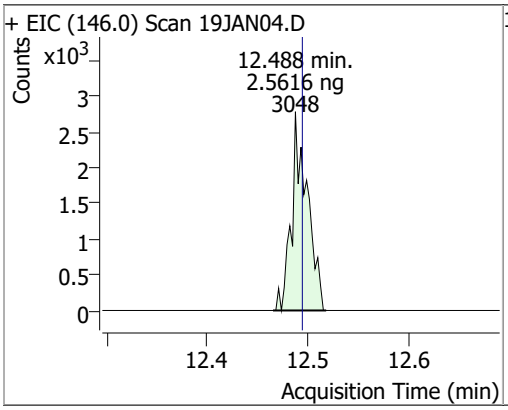


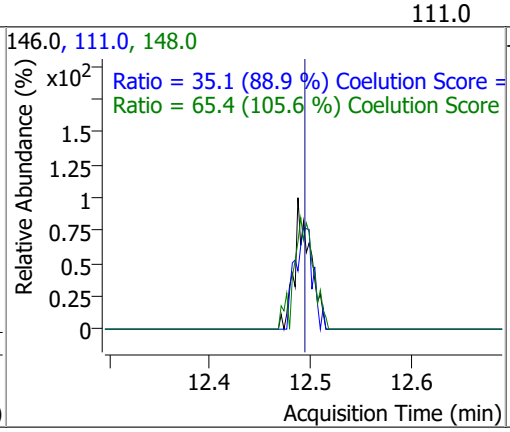


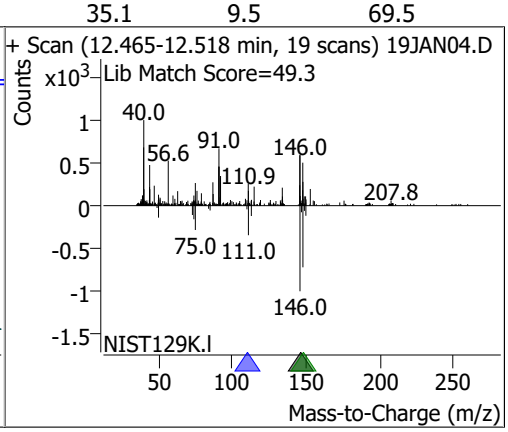


Quantitation Results Report (QT Reviewed)

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



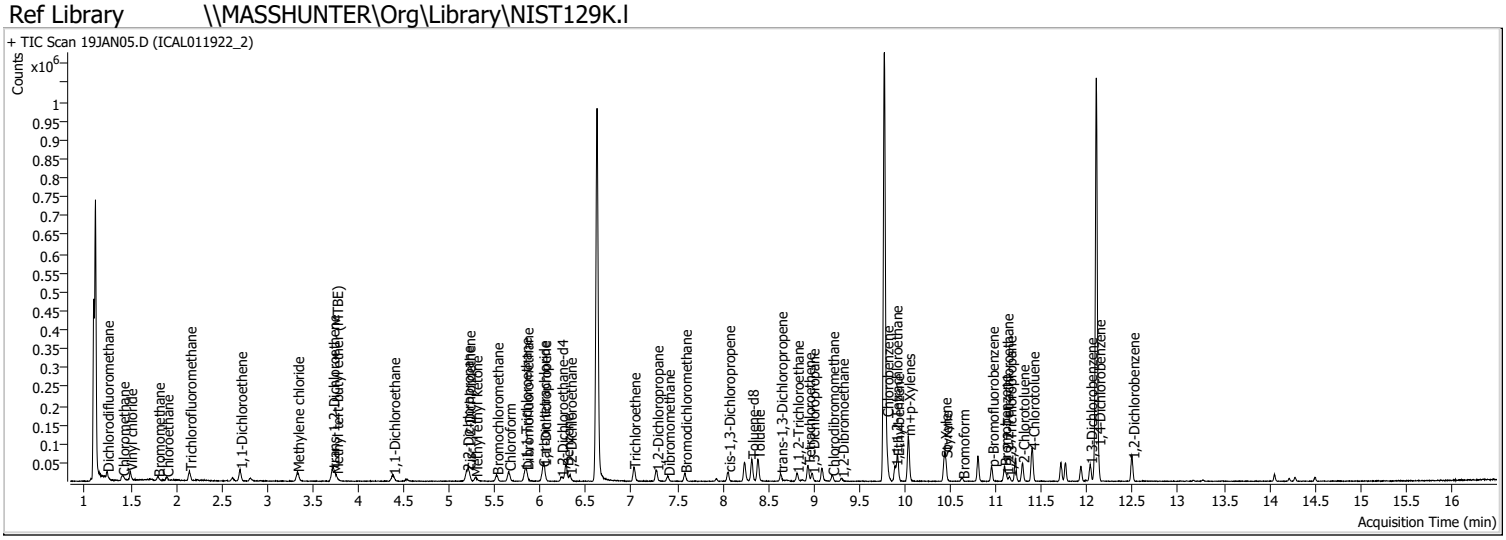




Quantitation Results Report (QT Reviewed)

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		

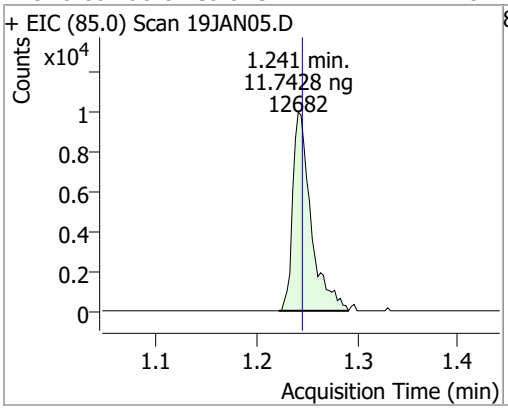


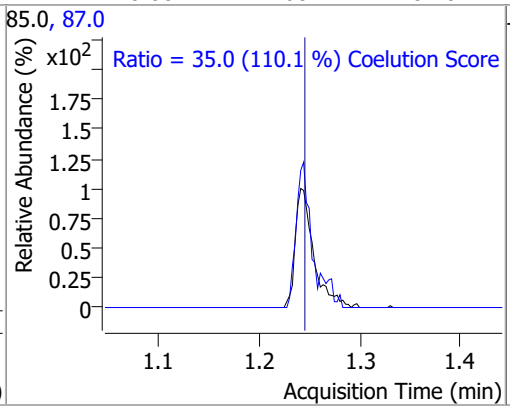
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	803183	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	313722	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	251947	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	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

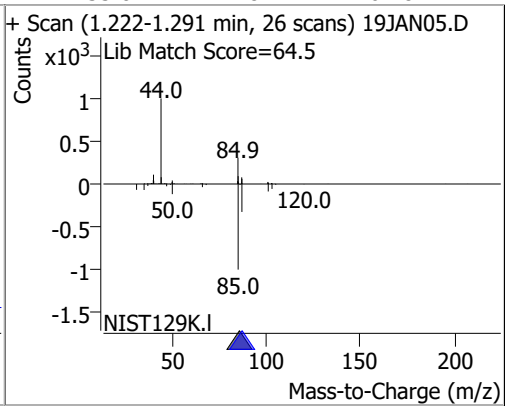
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.829	97.0	16614	11.5510	ng		98
T Carbon tetrachloride	6.024	117.0	15775	11.3084	ng		97
T 1,1-Dichloropropene	6.041	75.0	12417	10.6461	ng		94
T Benzene	6.286	78.0	37609	11.7214	ng		96
T 1,2-Dichloroethane	6.322	62.0	11123	12.5510	ng		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

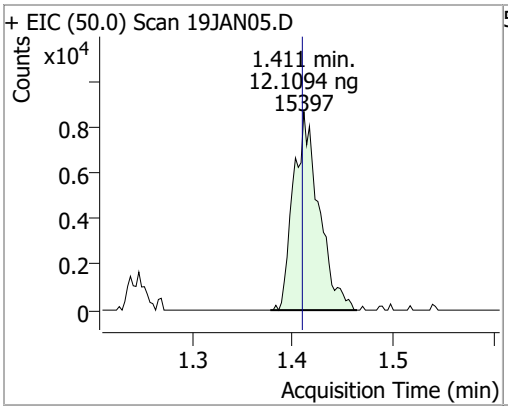
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	11.7428	1.24	0.00	12682	87.0	35.0	1.8	61.8

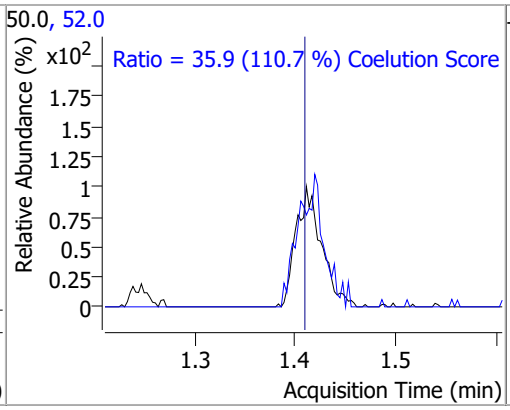


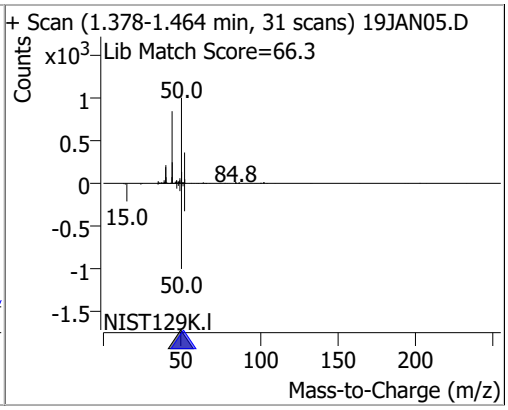




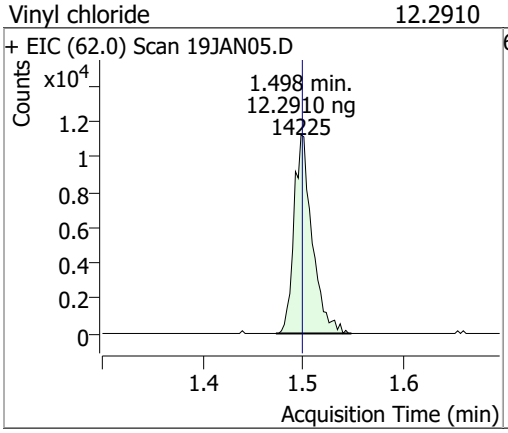
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	12.1094	1.41	0.00	15397	52.0	35.9	2.4	62.4

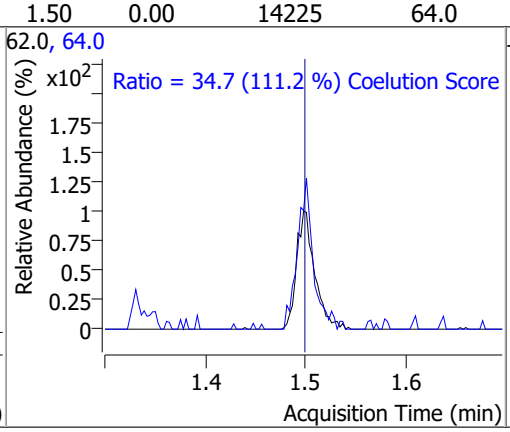


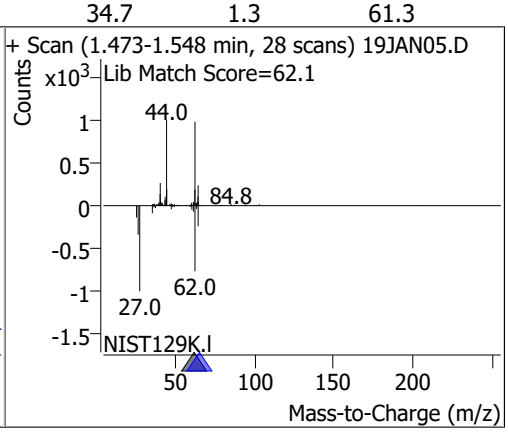




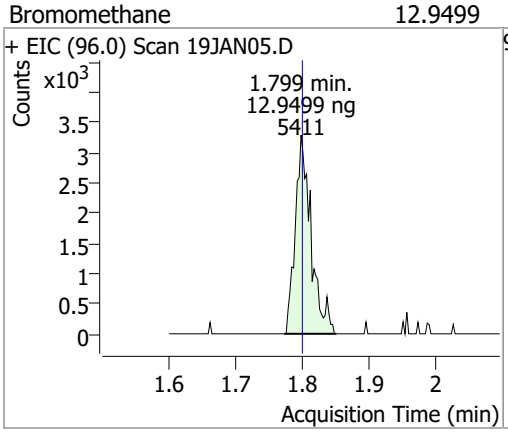
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	12.2910	1.50	0.00	14225	64.0	34.7	1.3	61.3

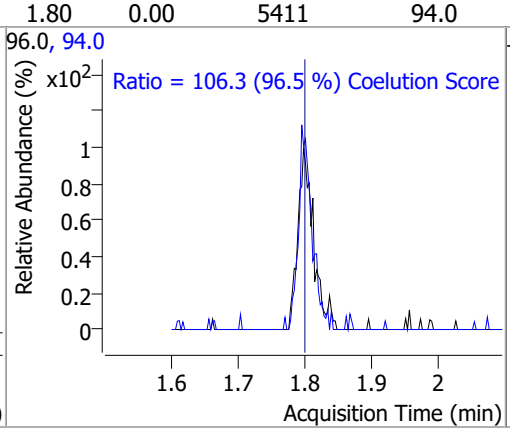


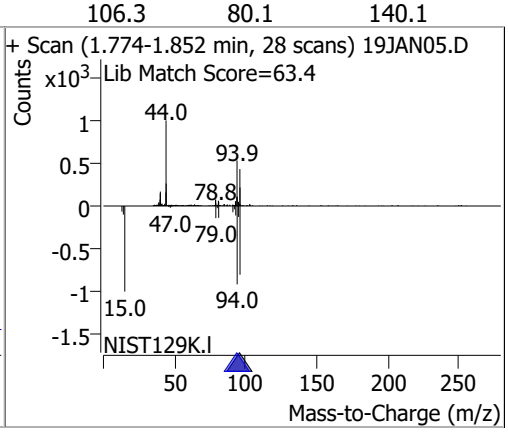




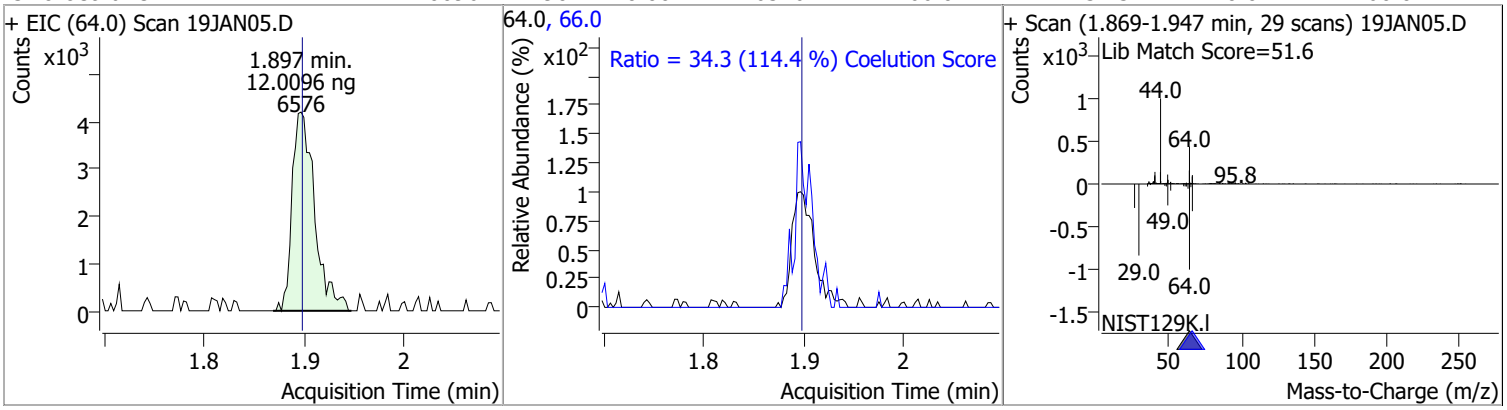
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	12.9499	1.80	0.00	5411	94.0	106.3	80.1	140.1



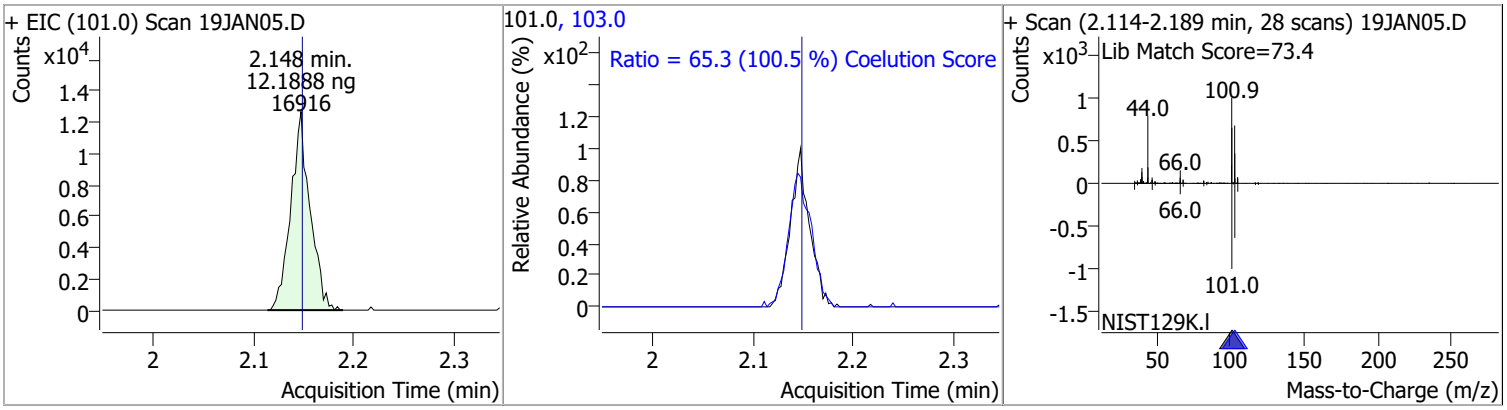




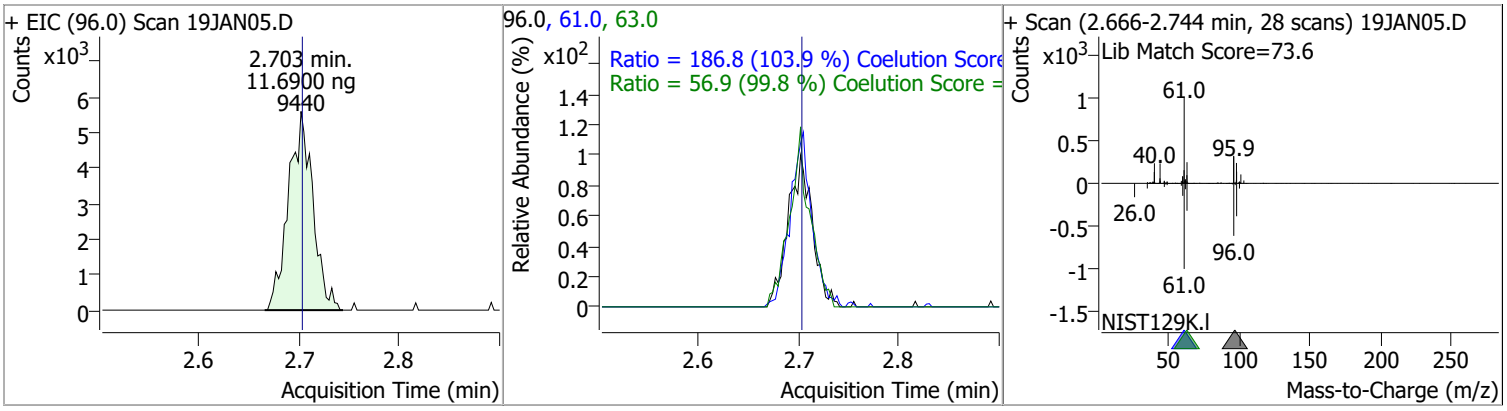
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	12.0096	1.90	0.00	6576	66.0	34.3	0.0	60.0



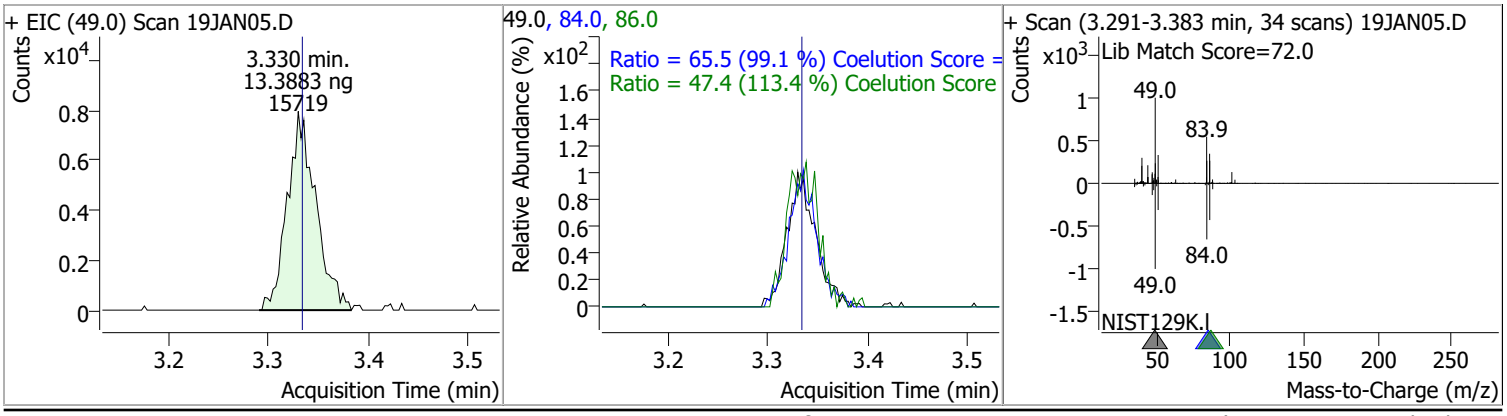
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	12.1888	2.15	0.00	16916	103.0	65.3	35.0	95.0



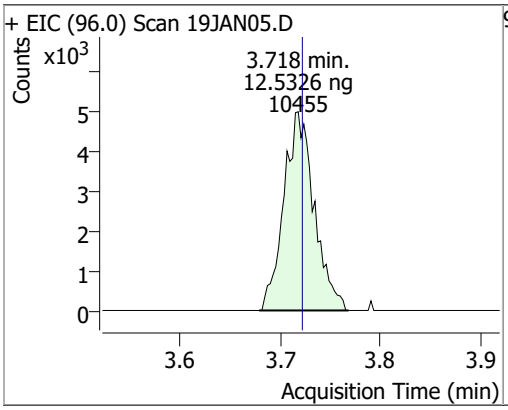
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	11.6900	2.70	0.00	9440	61.0	186.8	149.9	209.9
					63.0	56.9	27.0	87.0

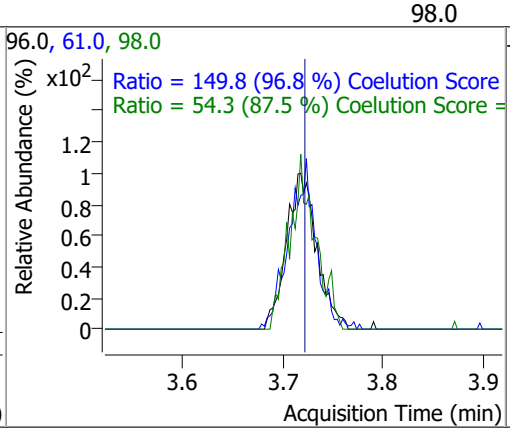


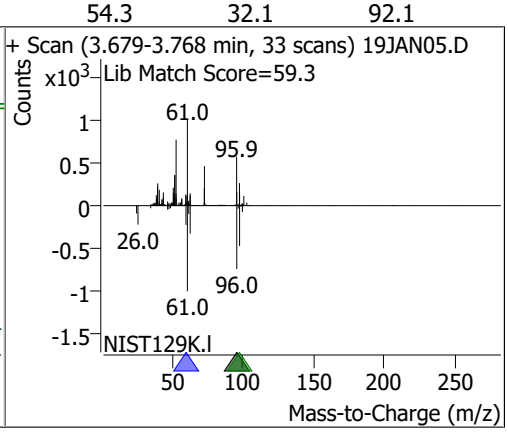
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	13.3883	3.33	0.00	15719	84.0	65.5	36.1	96.1
					86.0	47.4	11.8	71.8



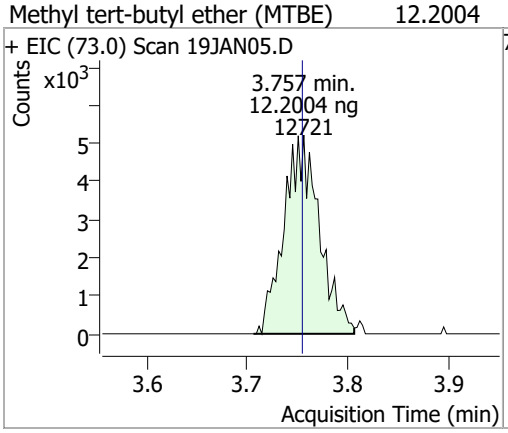
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	12.5326	3.72	0.00	10455	61.0	149.8	124.8	184.8
					98.0	54.3	32.1	92.1

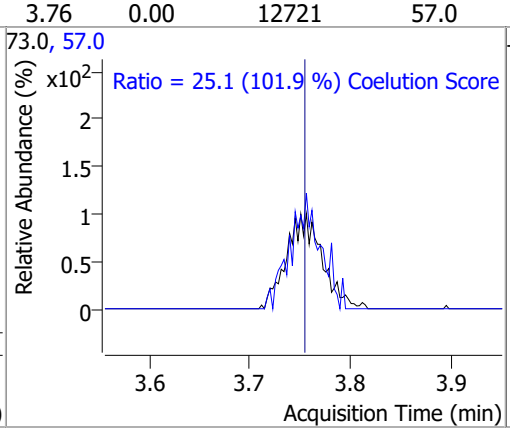


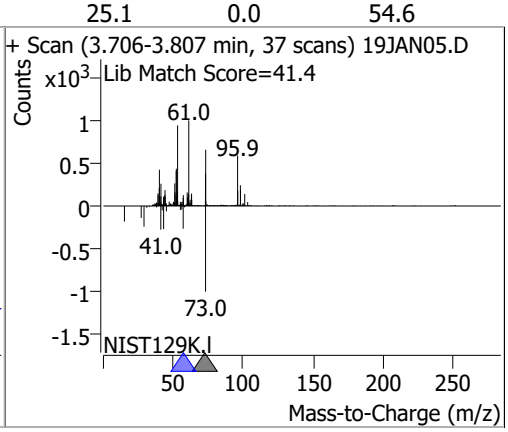




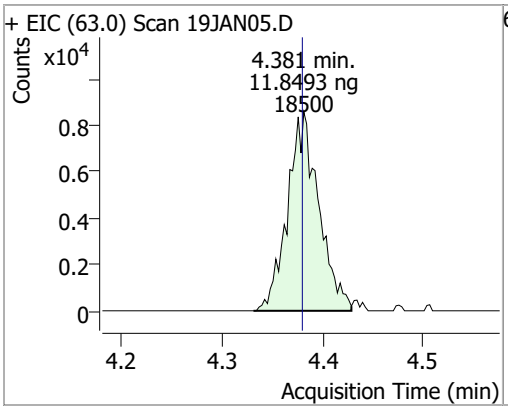
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	12.2004	3.76	0.00	12721	57.0	25.1	0.0	54.6

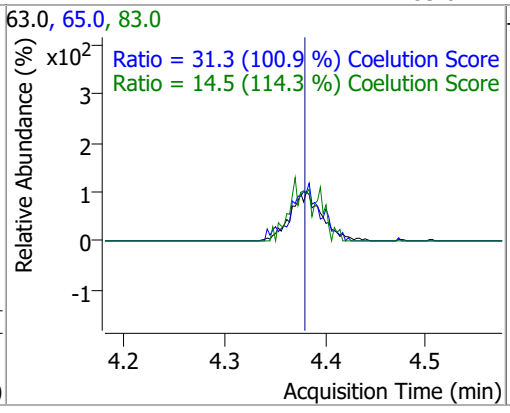


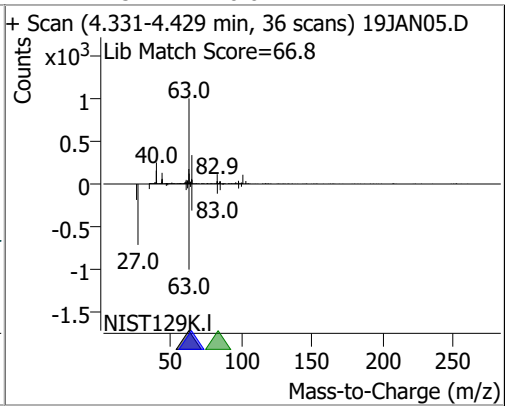




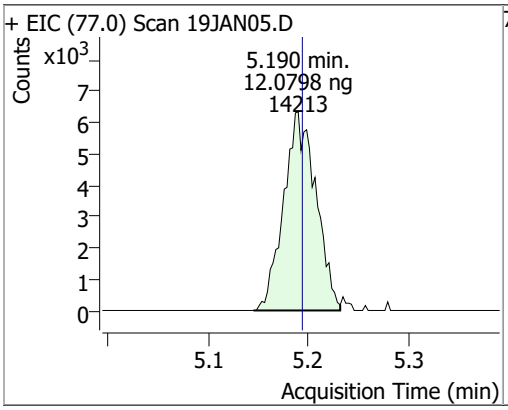
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	11.8493	4.38	0.00	18500	65.0	31.3	1.0	61.0
					83.0	14.5	0.0	42.7

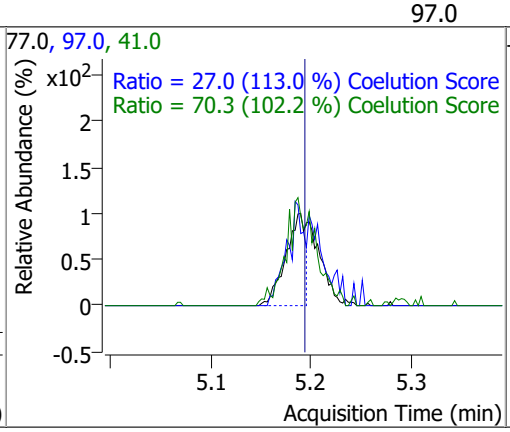


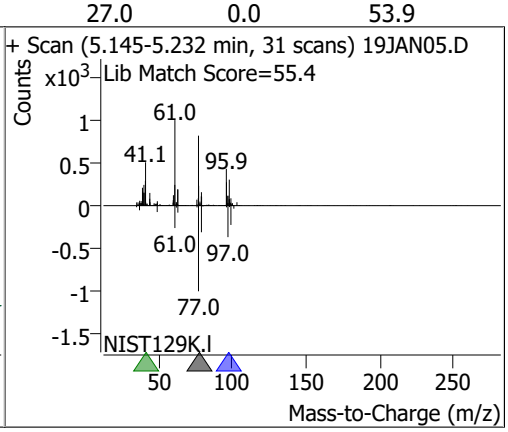




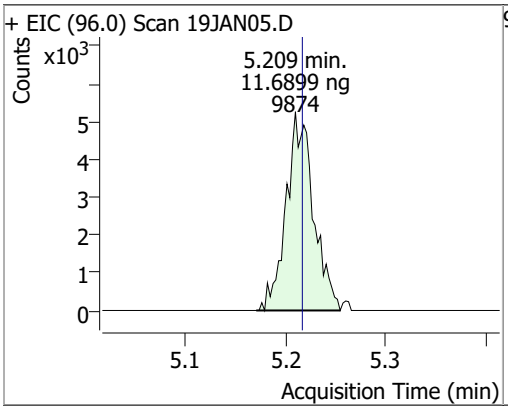
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	12.0798	5.19	0.00	14213	41.0	70.3	38.8	98.8
					97.0	27.0	0.0	53.9

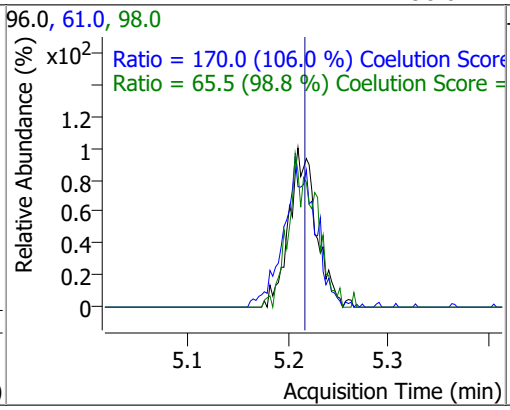


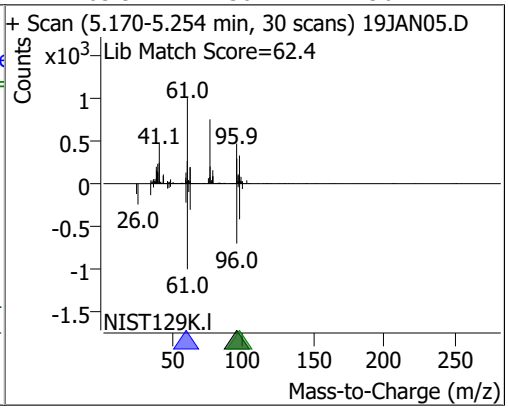




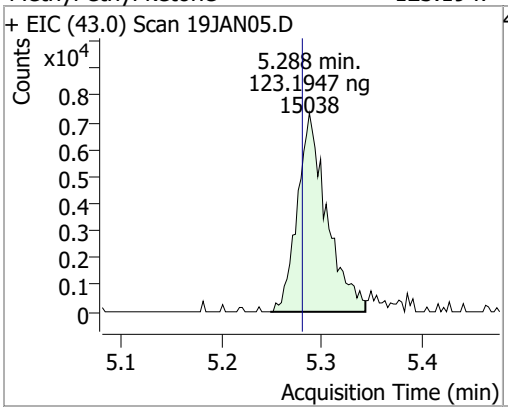
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	11.6899	5.21	-0.01	9874	61.0	170.0	130.4	190.4
					98.0	65.5	36.2	96.2

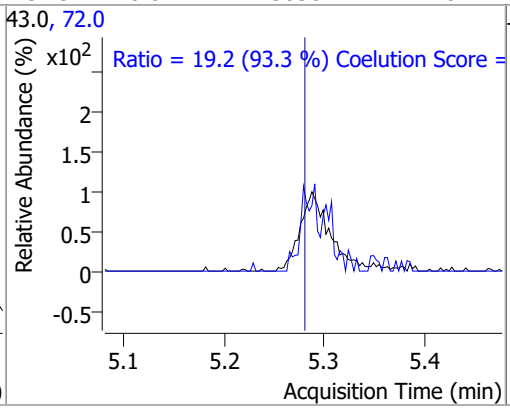


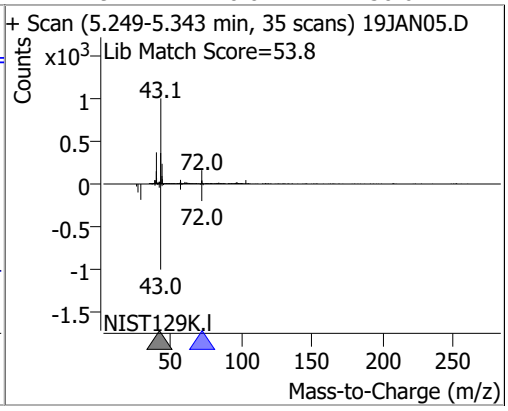




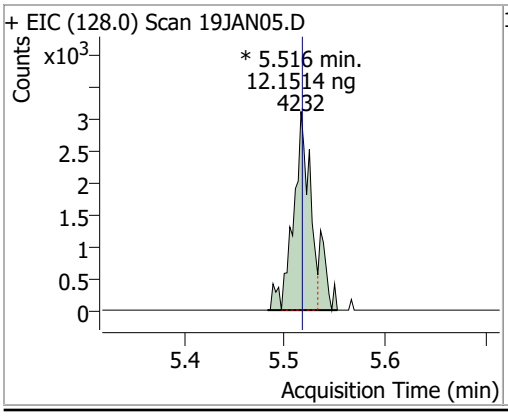
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	123.1947	5.29	0.01	15038	72.0	19.2	0.0	50.6

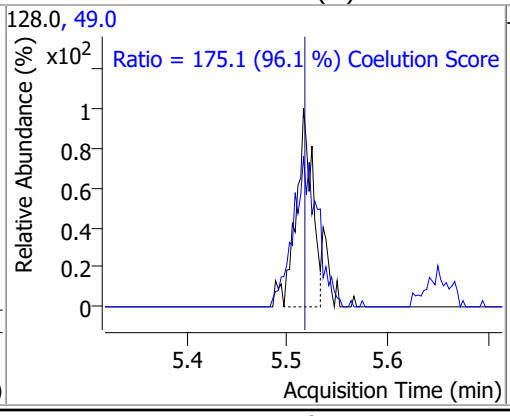


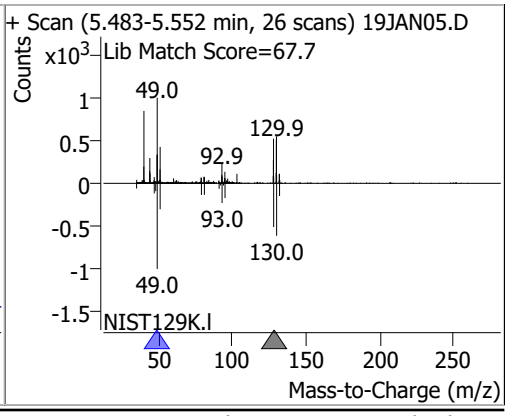




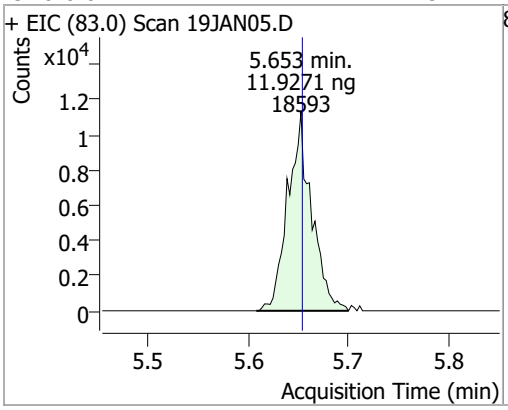
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	12.1514	5.52	0.00	4232 (m)	49.0	175.1	152.2	212.2

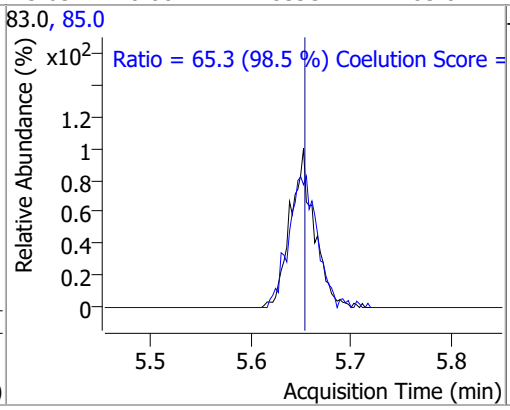


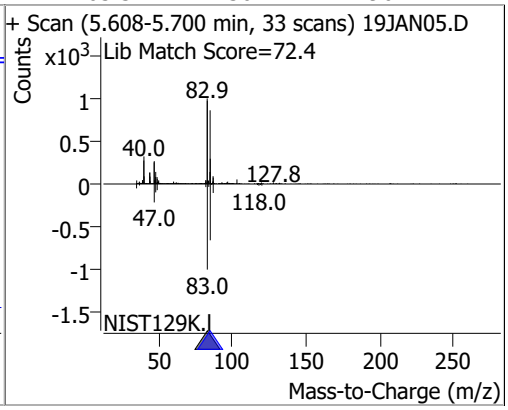




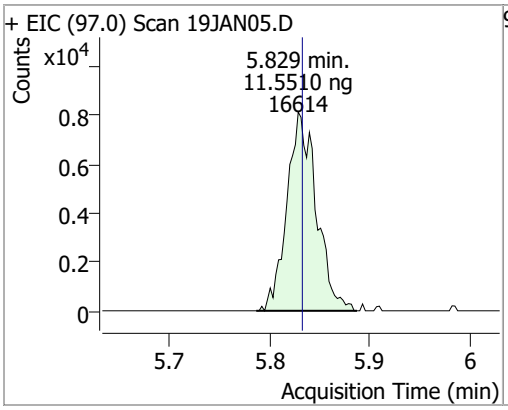
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	11.9271	5.65	0.00	18593	85.0	65.3	36.2	96.2

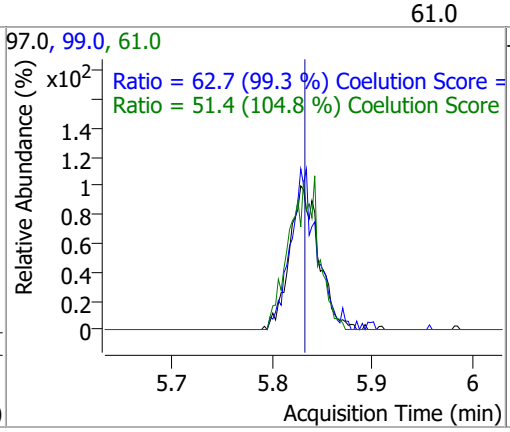


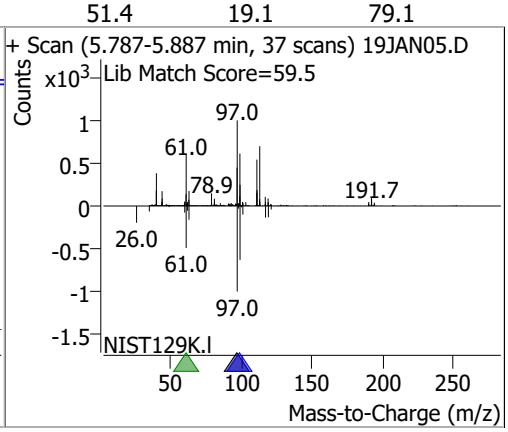




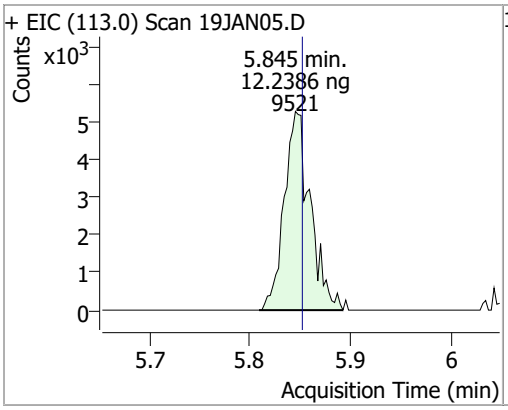
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	11.5510	5.83	0.00	16614	99.0	62.7	33.1	93.1
					61.0	51.4	19.1	79.1

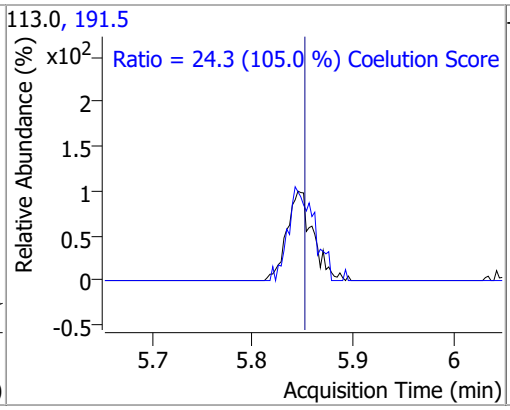


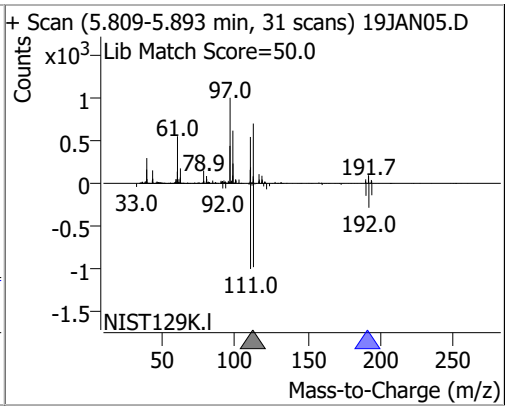




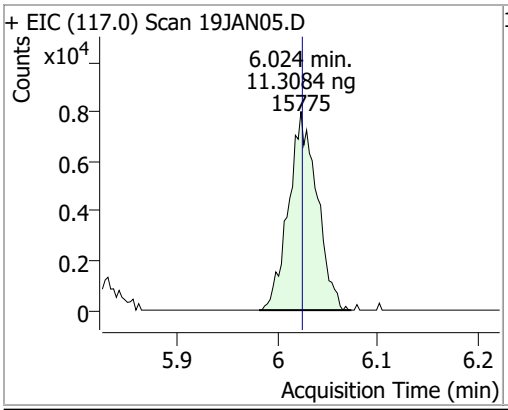
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	12.2386	5.85	-0.01	9521	191.5	24.3	0.0	53.2

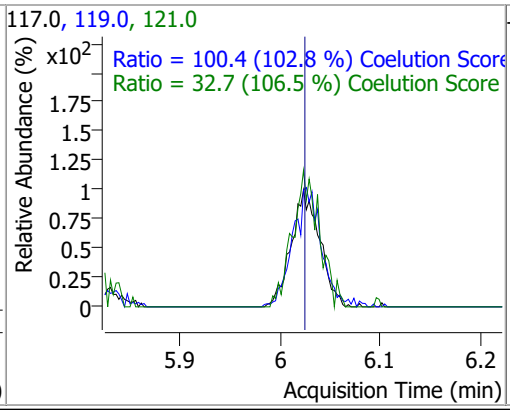


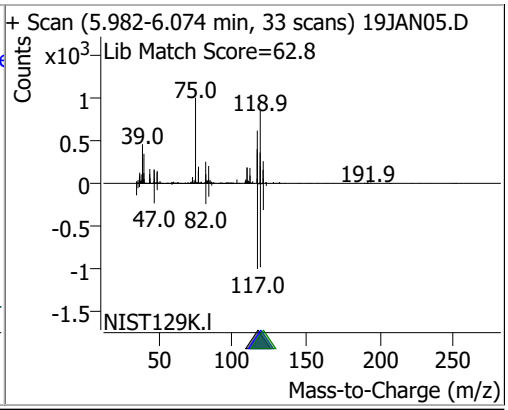




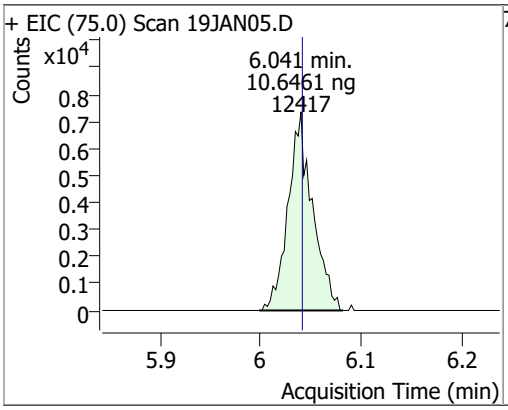
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	11.3084	6.02	0.00	15775	119.0	100.4	67.6	127.6
					121.0	32.7	0.7	60.7

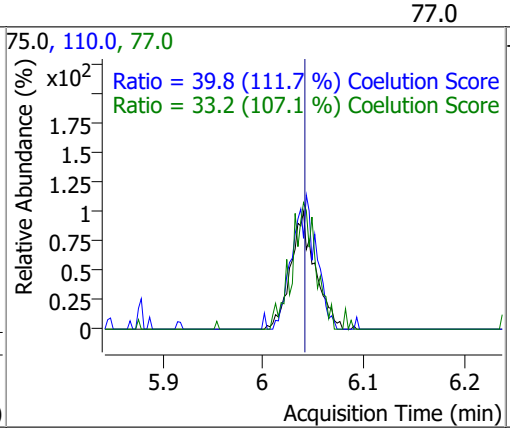


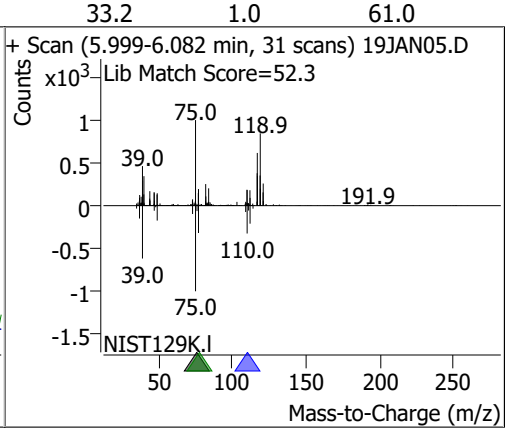




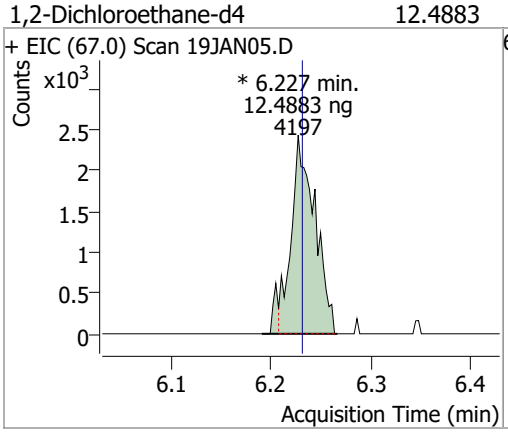
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	10.6461	6.04	0.00	12417	110.0	39.8	5.6	65.6
					77.0	33.2	1.0	61.0

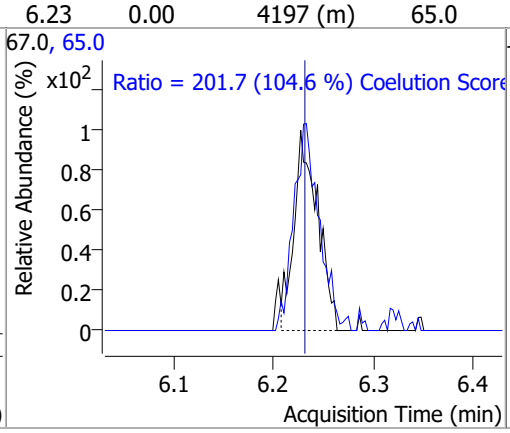


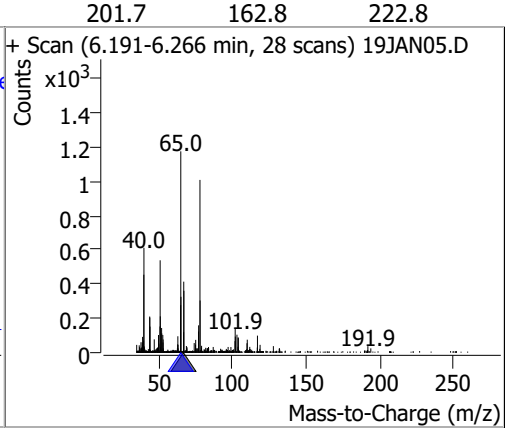




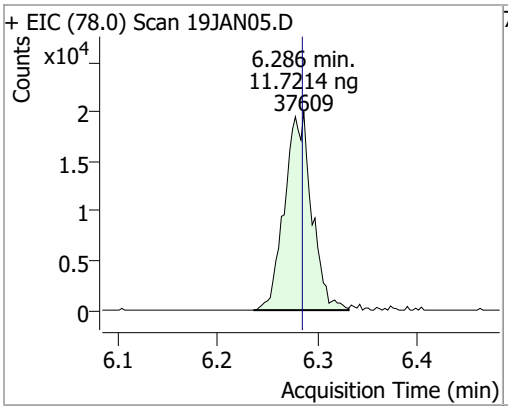
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	12.4883	6.23	0.00	4197 (m)	65.0	201.7	162.8	222.8

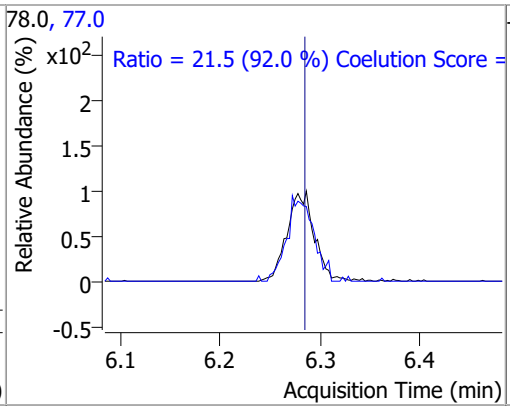


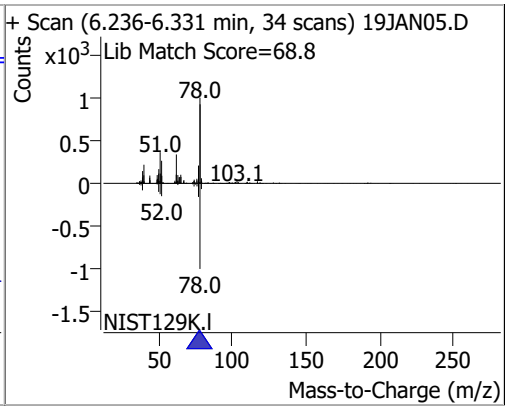




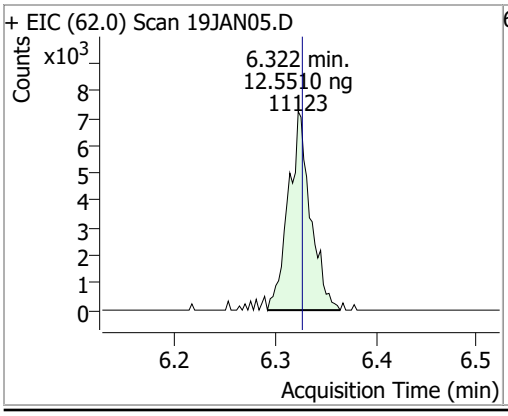
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	11.7214	6.29	0.00	37609	77.0	21.5	0.0	53.3

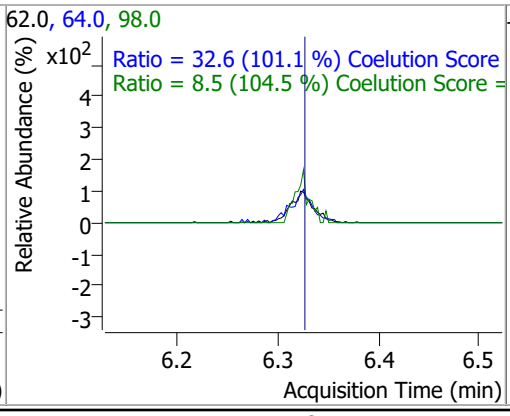


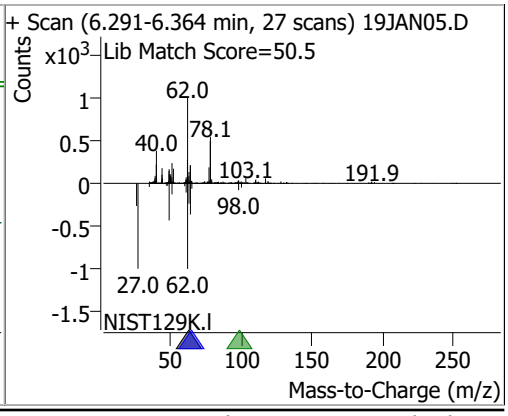




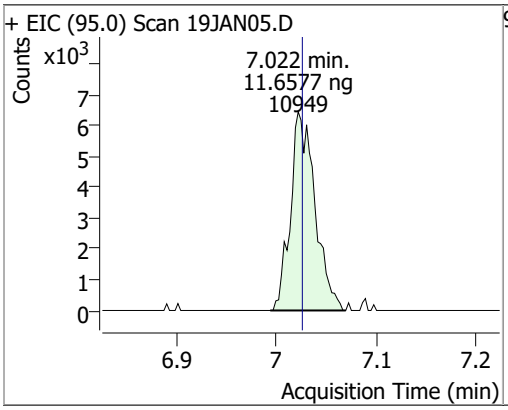
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	12.5510	6.32	0.00	11123	64.0	32.6	2.2	62.2
					98.0	8.5	0.0	38.2

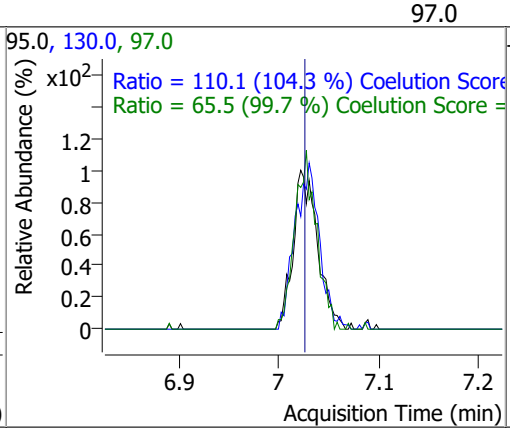


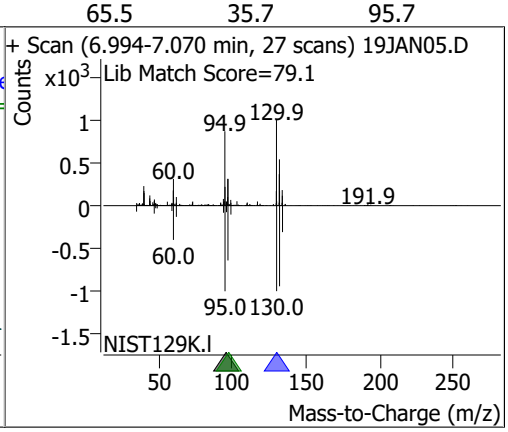




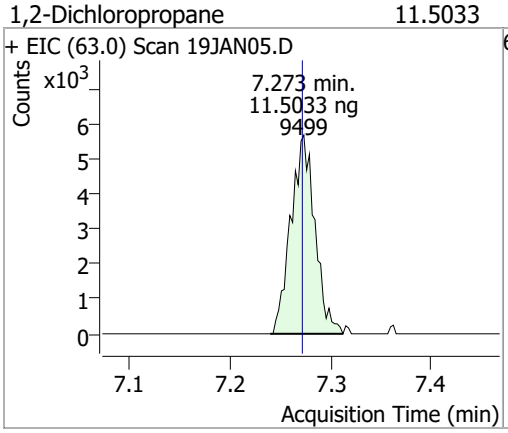
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	11.6577	7.02	0.00	10949	130.0	110.1	75.6	135.6
					97.0	65.5	35.7	95.7

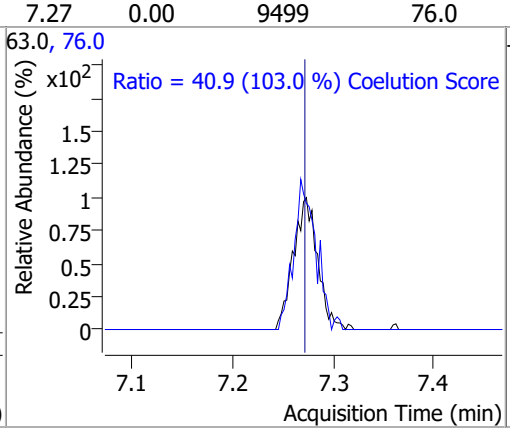


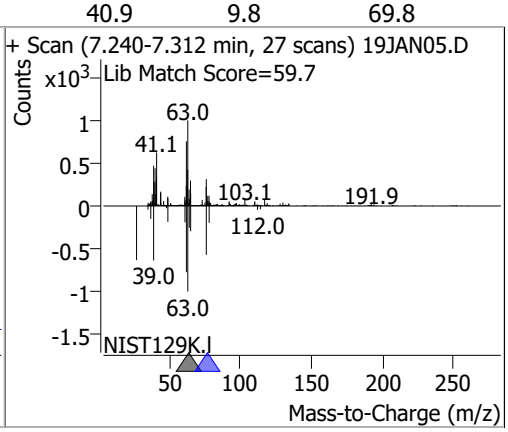




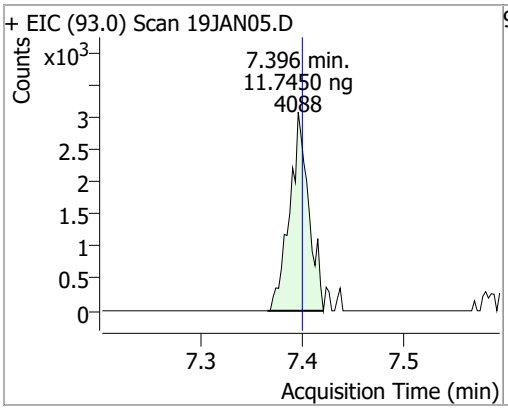
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	11.5033	7.27	0.00	9499	76.0	40.9	9.8	69.8

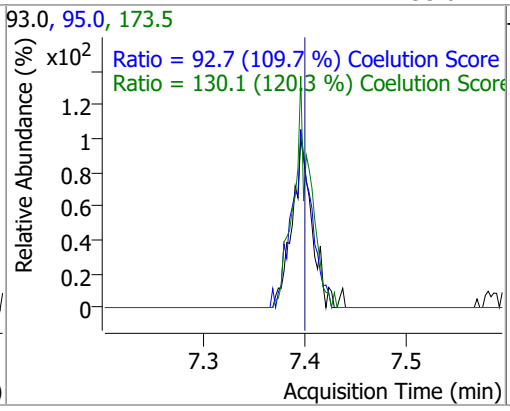


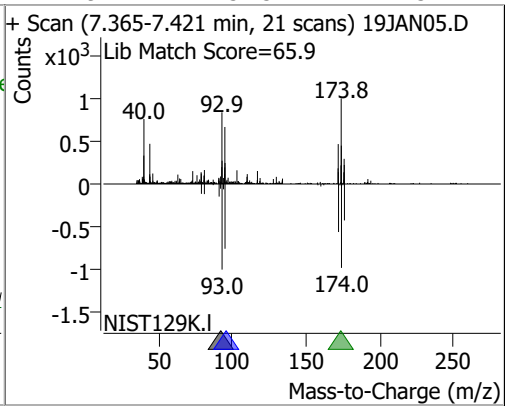




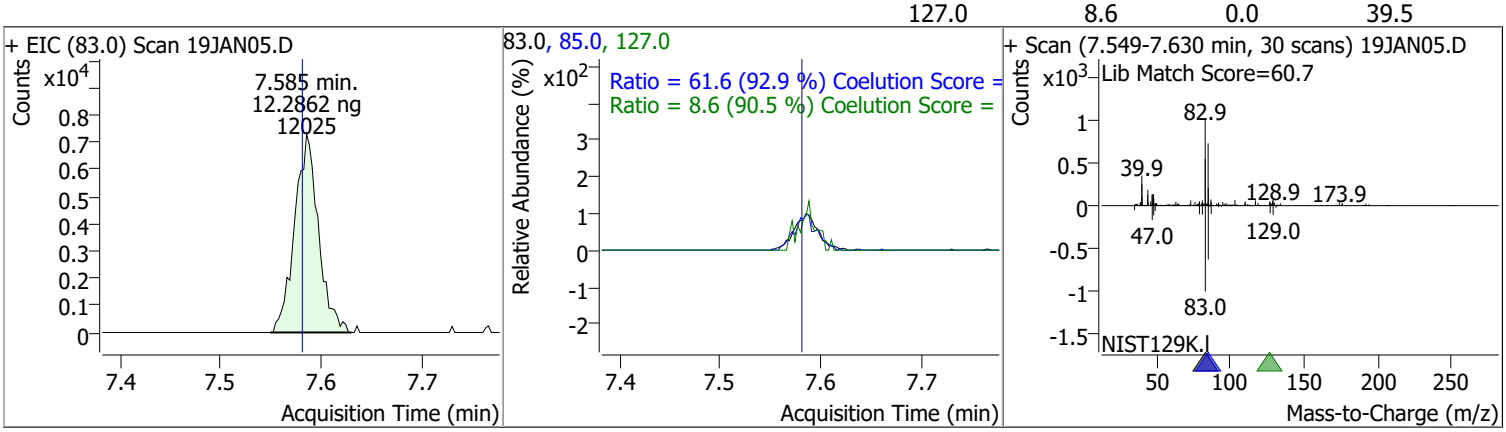
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	11.7450	7.40	0.00	4088	173.5	130.1	78.2	138.2
					95.0	92.7	54.5	114.5



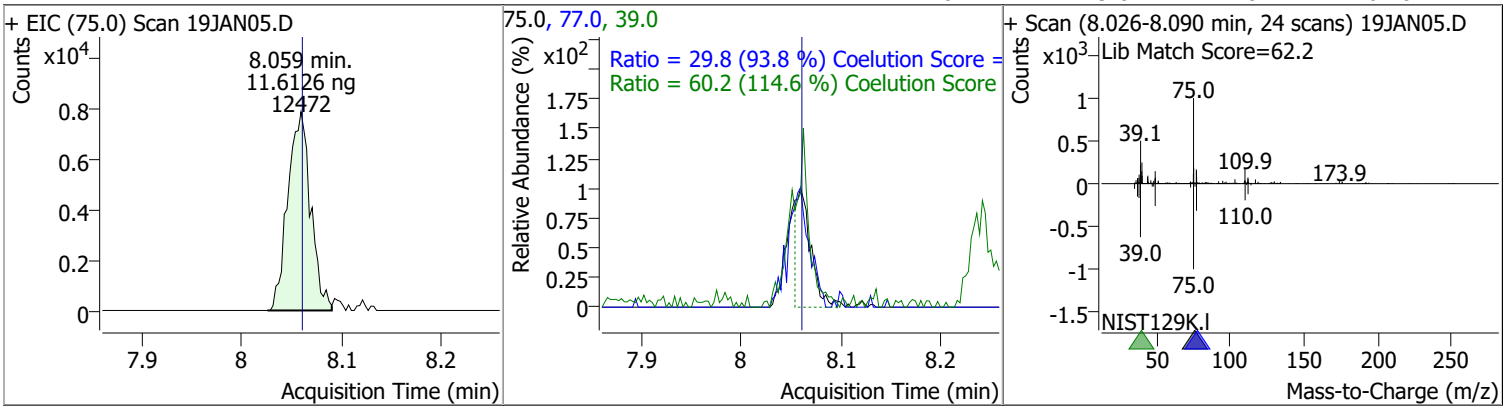




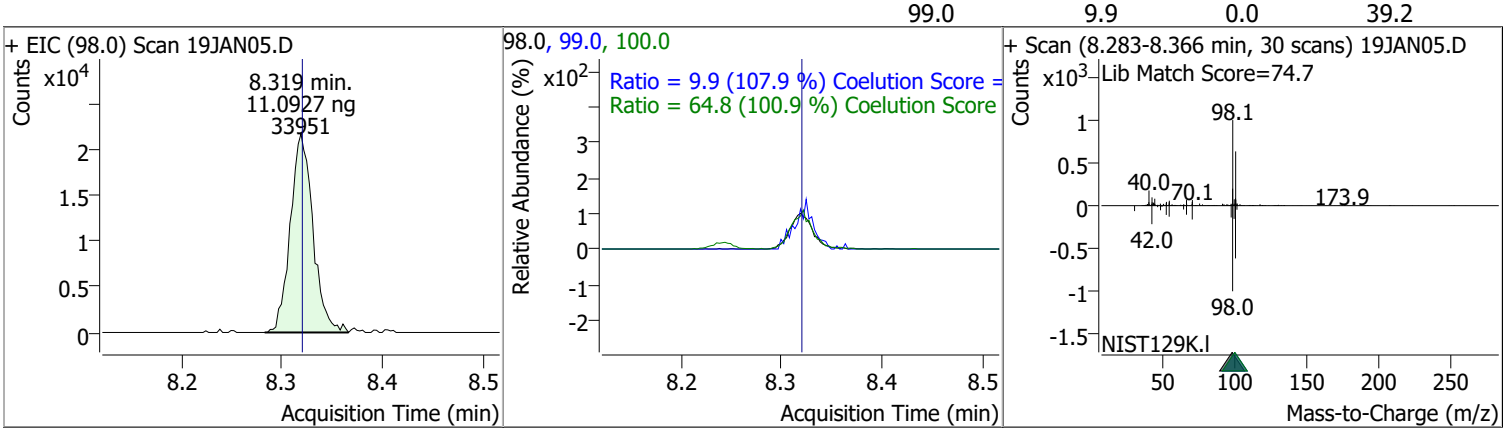
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	12.2862	7.59	0.01	12025	85.0	61.6	36.3	96.3
					127.0	8.6	0.0	39.5



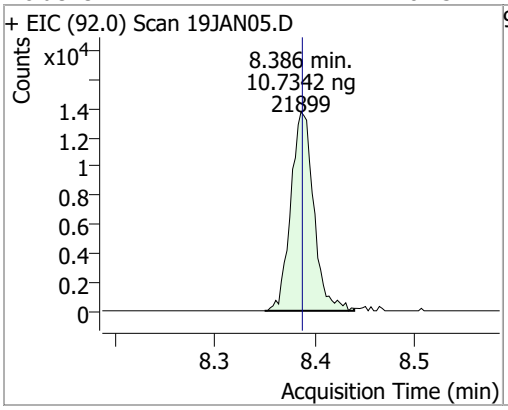
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	11.6126	8.06	0.00	12472	39.0	60.2	22.5	82.5
					77.0	29.8	1.8	61.8

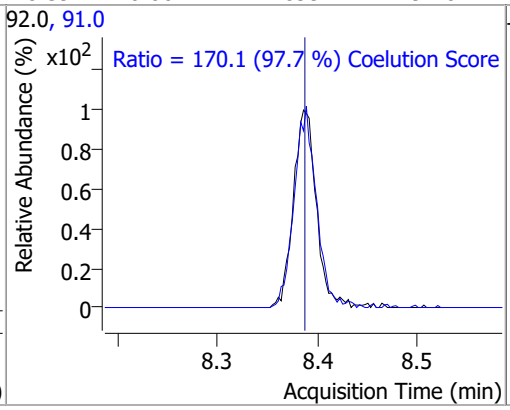


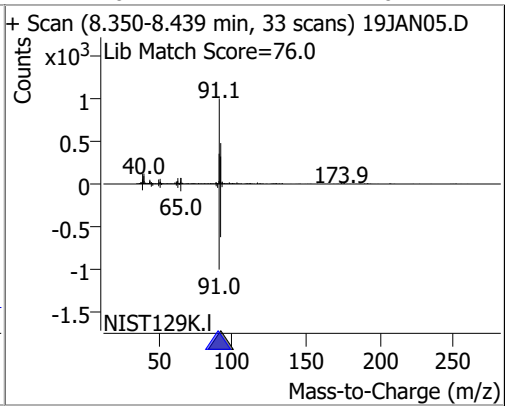
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	11.0927	8.32	0.00	33951	100.0	64.8	34.3	94.3
					99.0	9.9	0.0	39.2



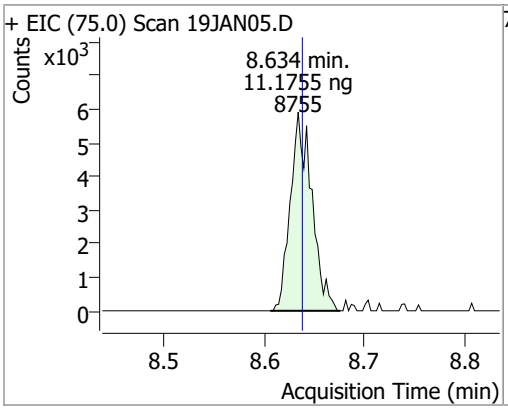
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	10.7342	8.39	0.00	21899	91.0	170.1	144.1	204.1

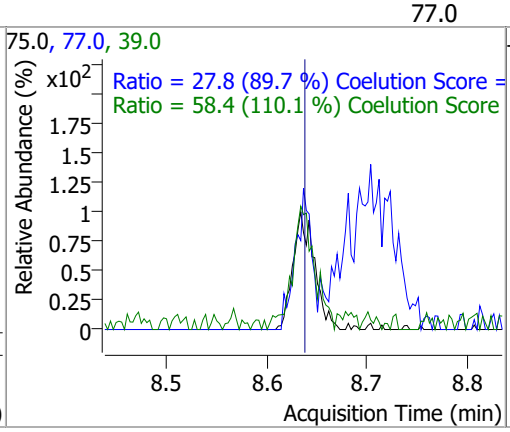


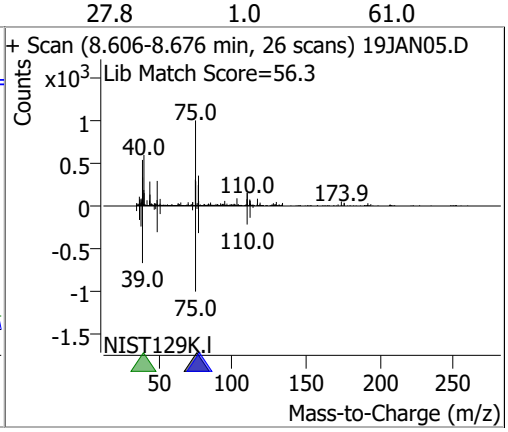




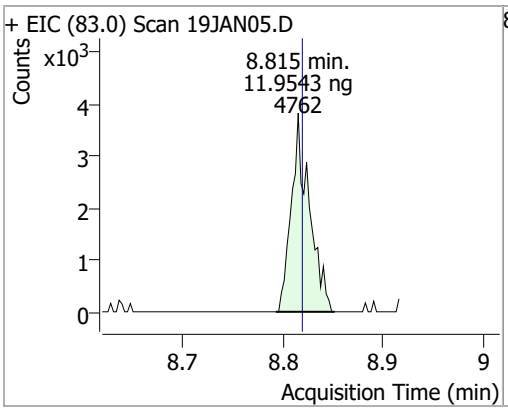
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	11.1755	8.63	0.00	8755	39.0	58.4	23.0	83.0
					77.0	27.8	1.0	61.0

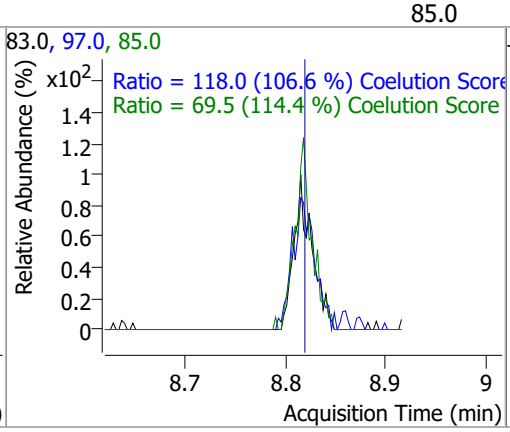


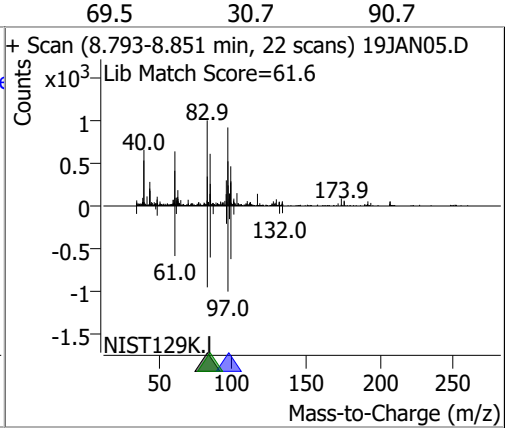




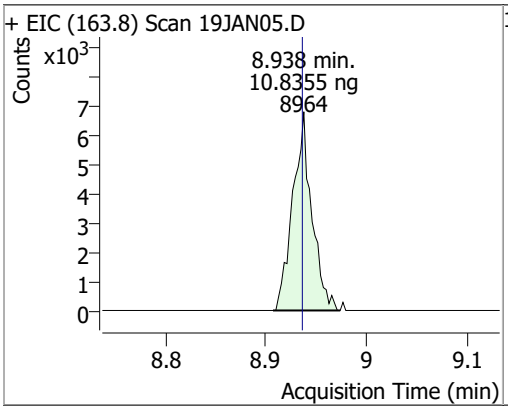
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	11.9543	8.82	0.00	4762	97.0	118.0	80.7	140.7
					85.0	69.5	30.7	90.7

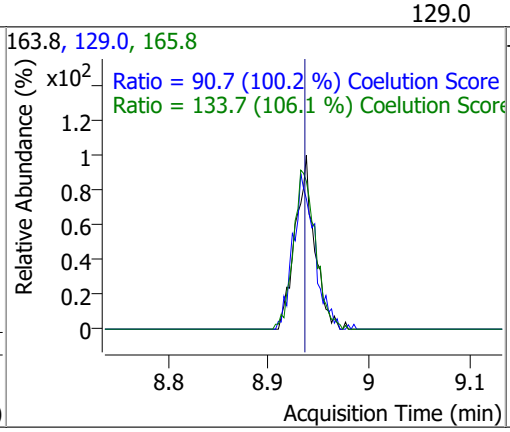


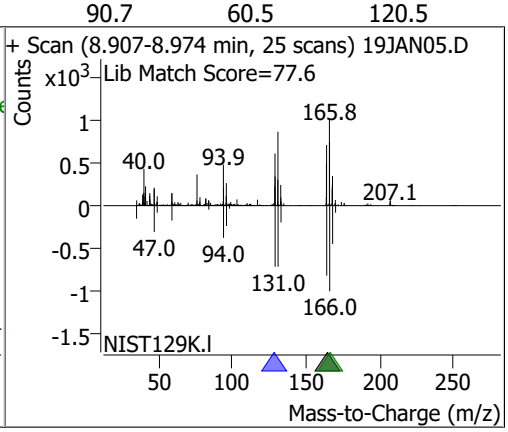




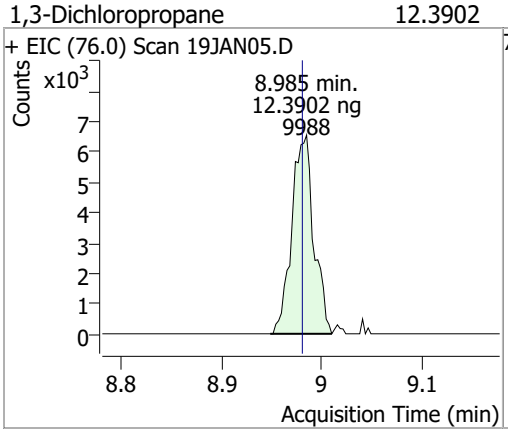
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	10.8355	8.94	0.00	8964	165.8	133.7	96.1	156.1
					129.0	90.7	60.5	120.5

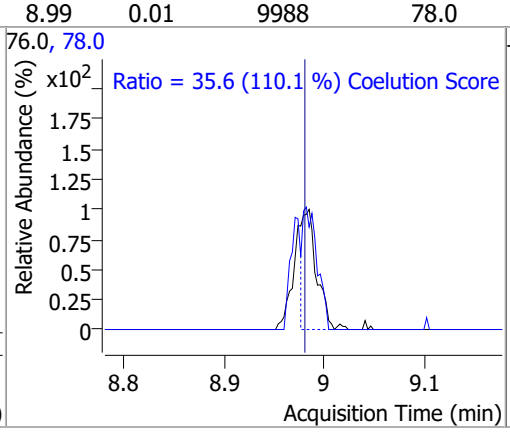


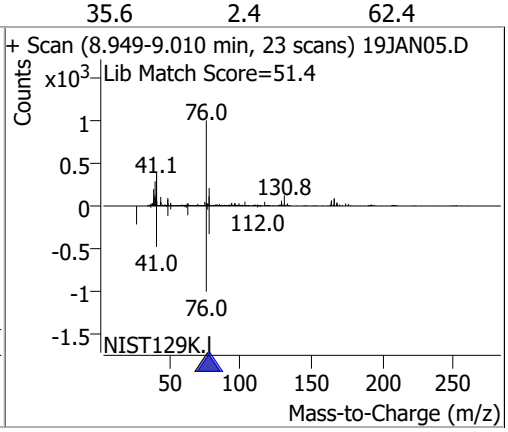




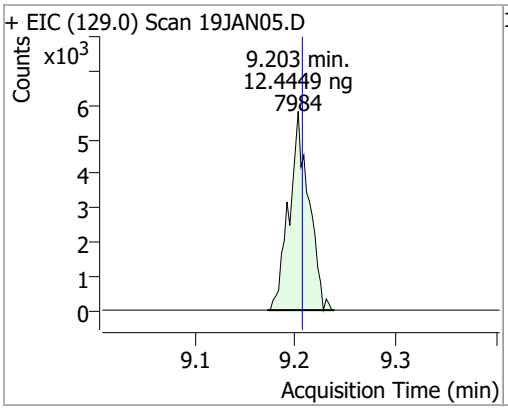
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	12.3902	8.99	0.01	9988	78.0	35.6	2.4	62.4

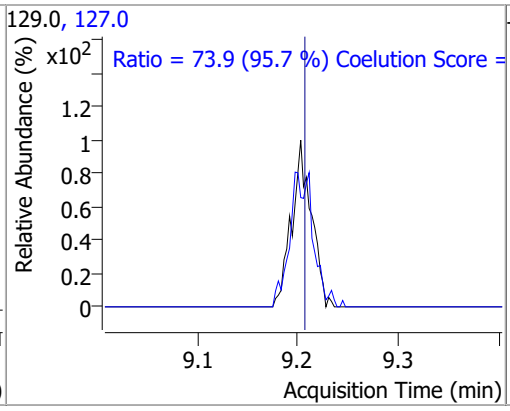


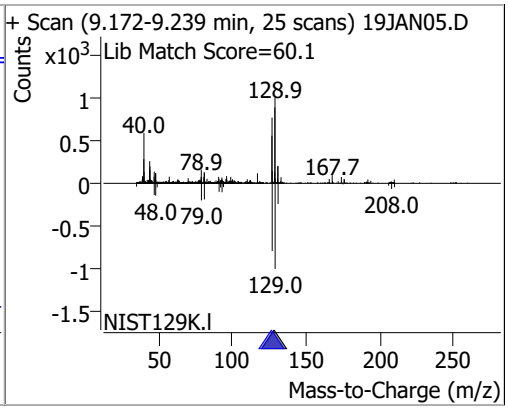




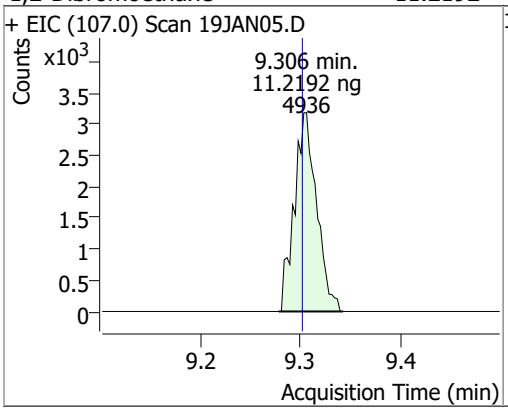
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	12.4449	9.20	0.00	7984	127.0	73.9	47.2	107.2

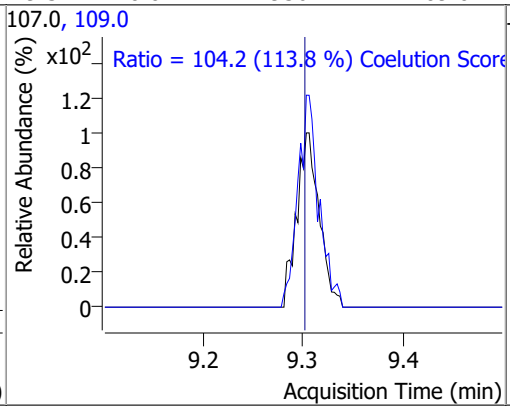


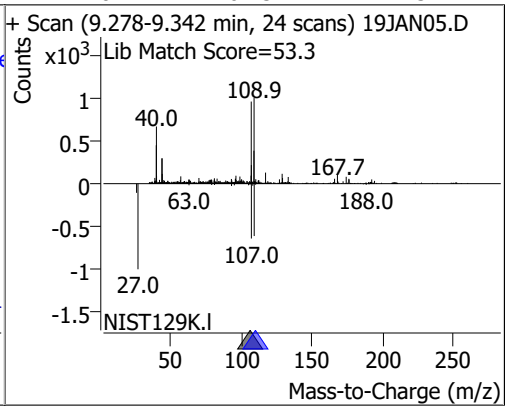




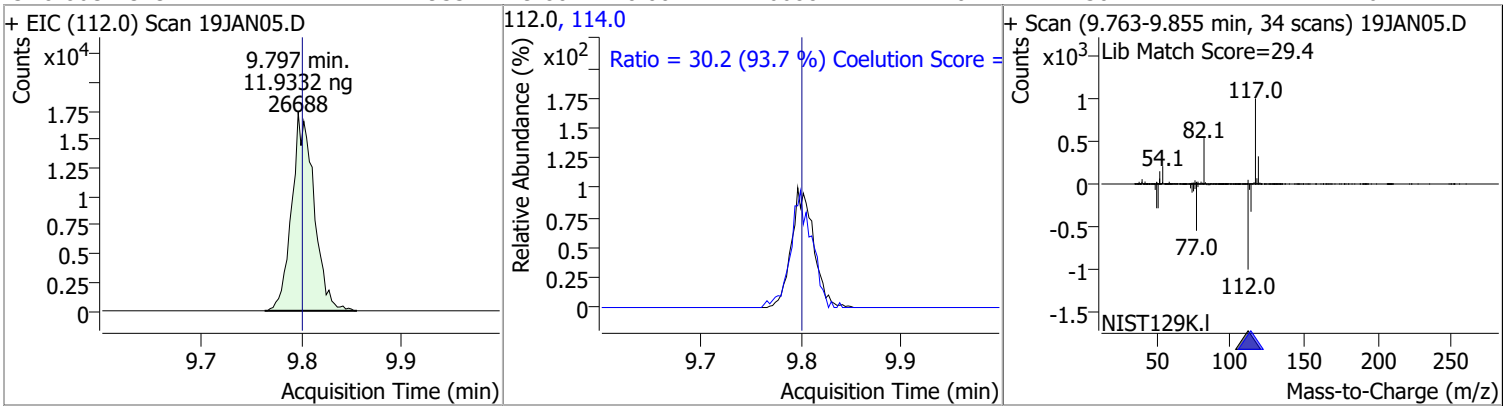
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	11.2192	9.31	0.01	4936	109.0	104.2	61.5	121.5



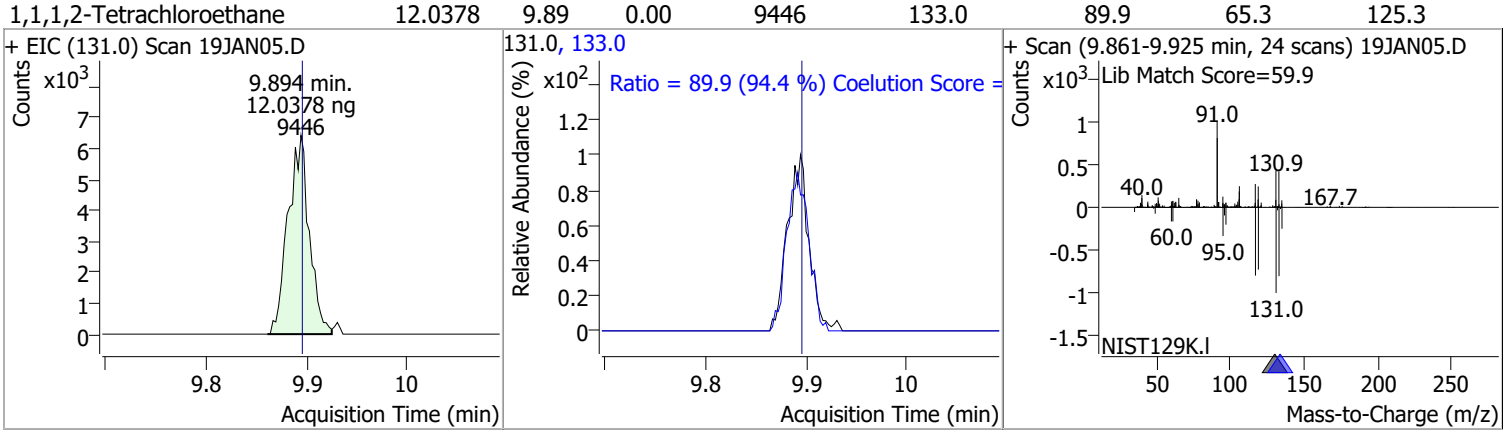




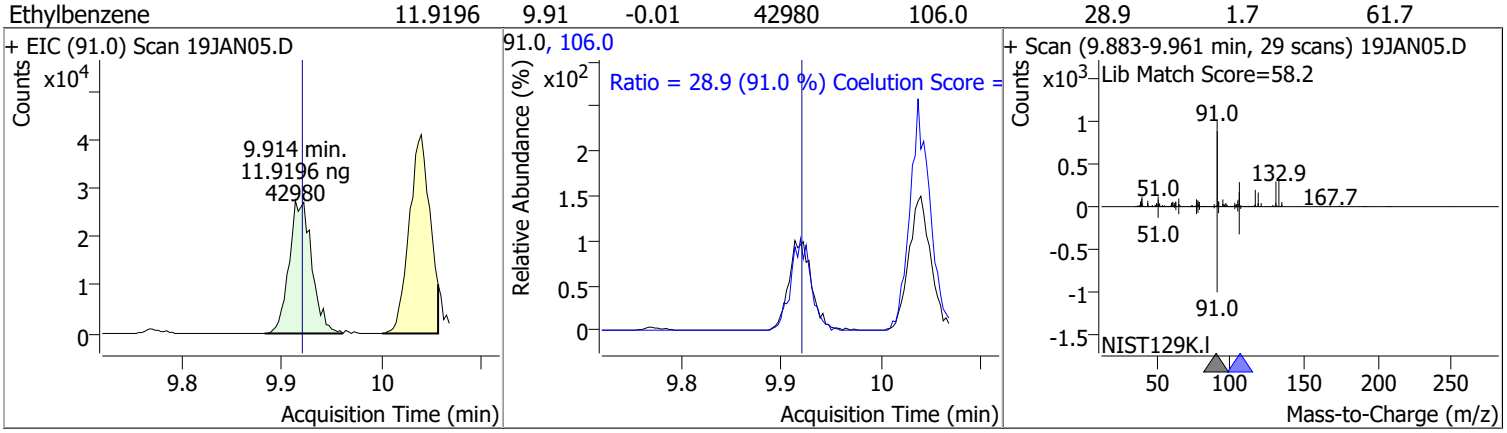
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	11.9332	9.80	0.00	26688	114.0	30.2	2.2	62.2



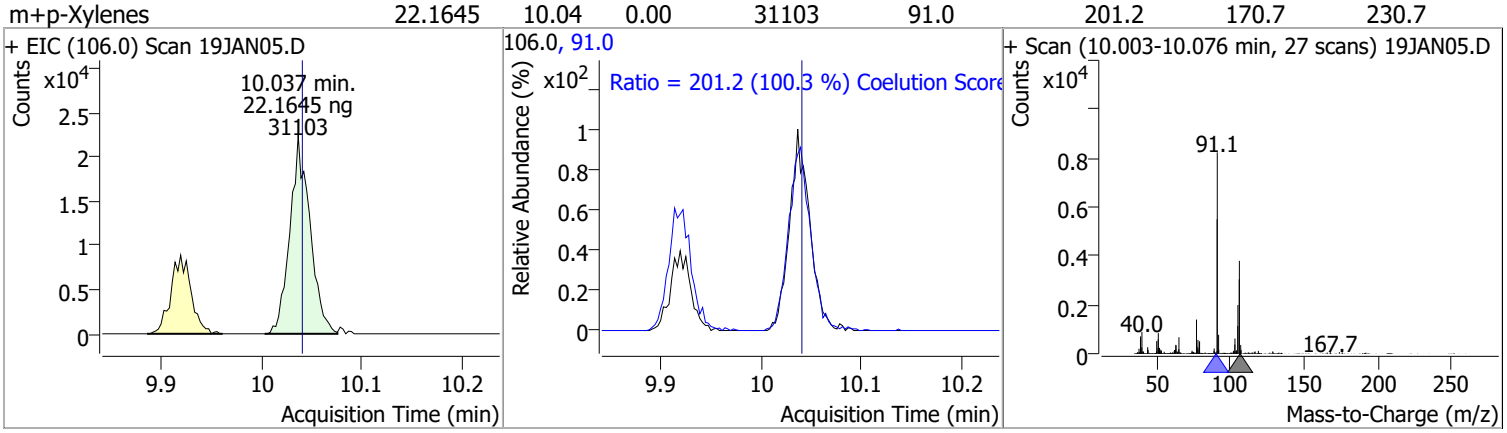
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	12.0378	9.89	0.00	9446	133.0	89.9	65.3	125.3



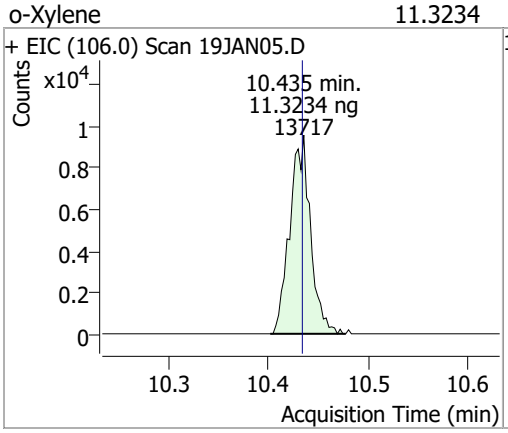
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	11.9196	9.91	-0.01	42980	106.0	28.9	1.7	61.7

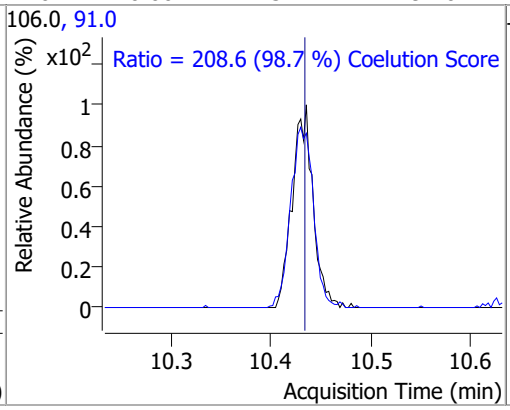


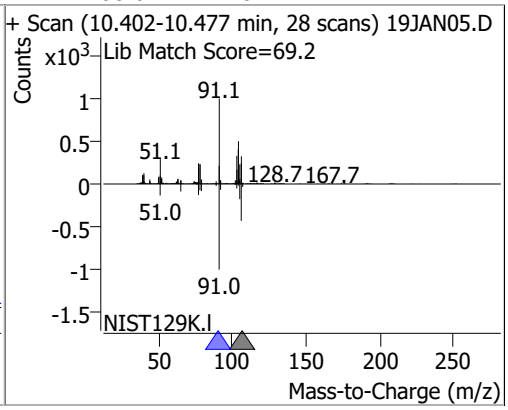
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	22.1645	10.04	0.00	31103	91.0	201.2	170.7	230.7



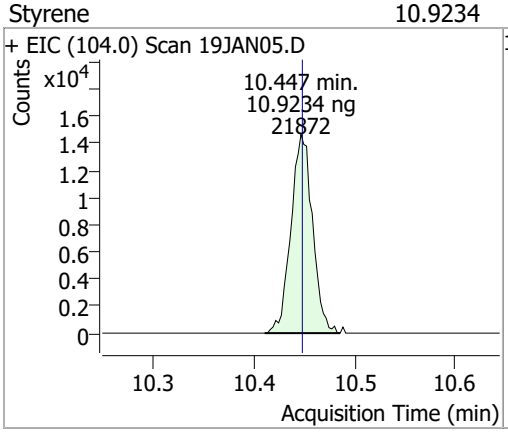
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	11.3234	10.44	0.00	13717	91.0	208.6	181.4	241.4

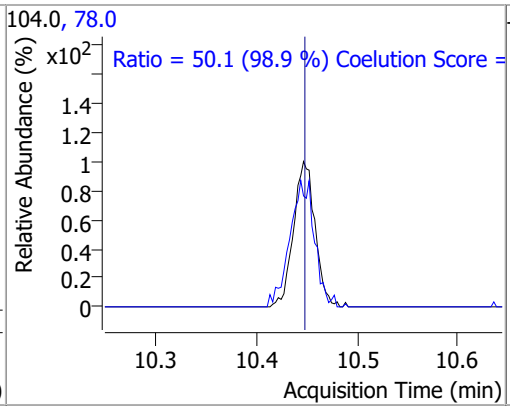


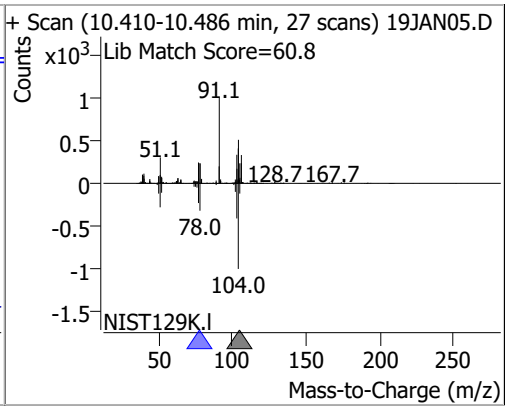




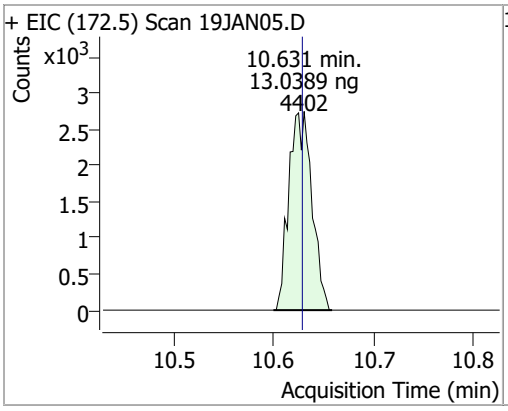
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	10.9234	10.45	0.00	21872	78.0	50.1	20.6	80.6

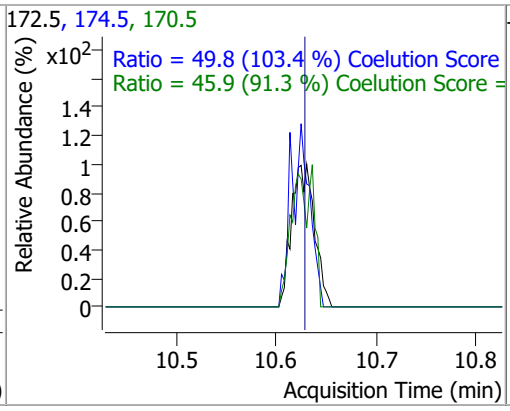


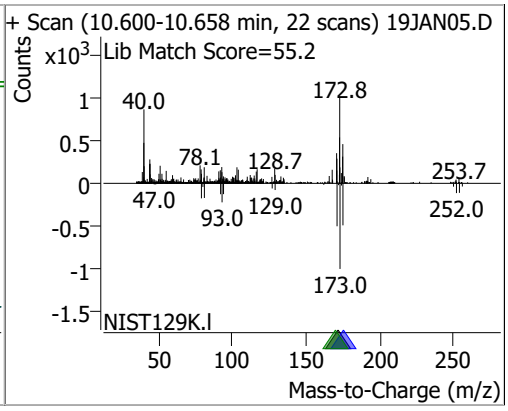




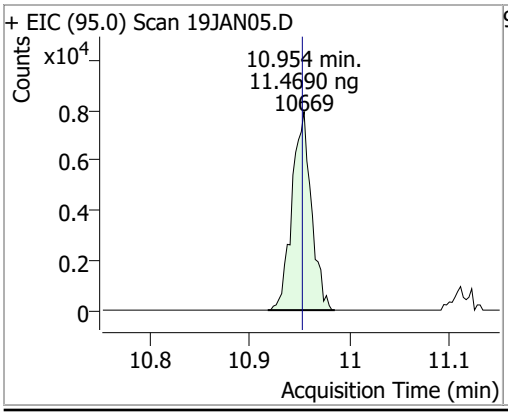
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	13.0389	10.63	0.01	4402	170.5	45.9	20.3	80.3
					174.5	49.8	18.1	78.1

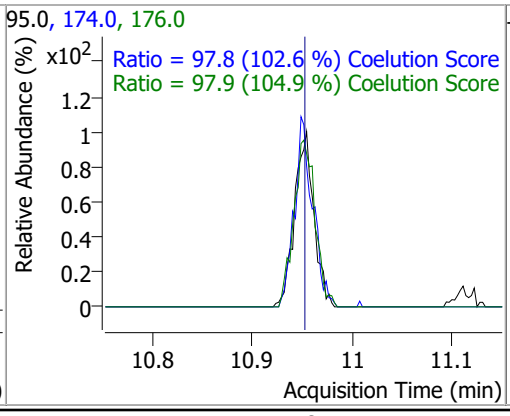


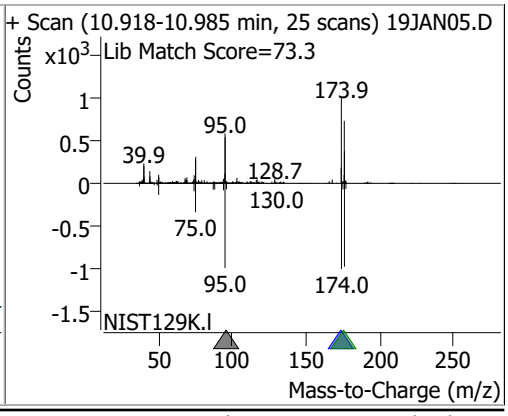




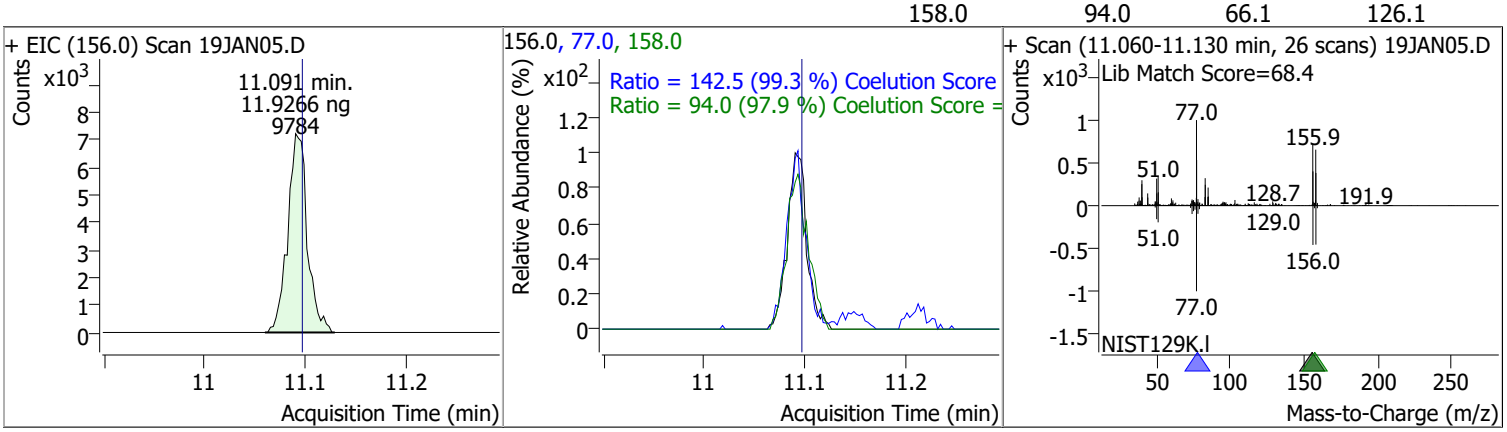
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	11.4690	10.95	0.01	10669	174.0	97.8	65.3	125.3
					176.0	97.9	63.3	123.3



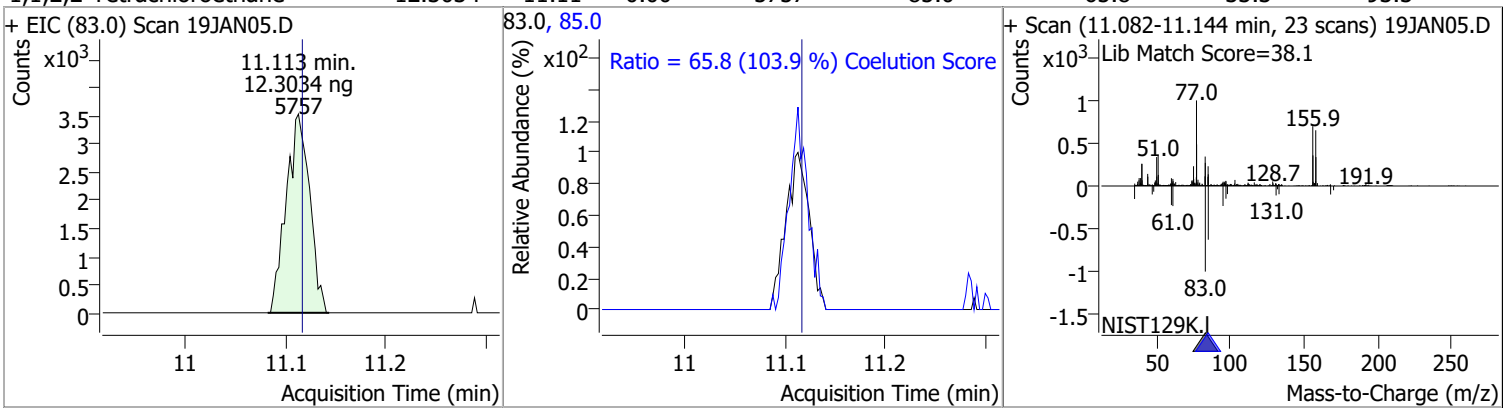




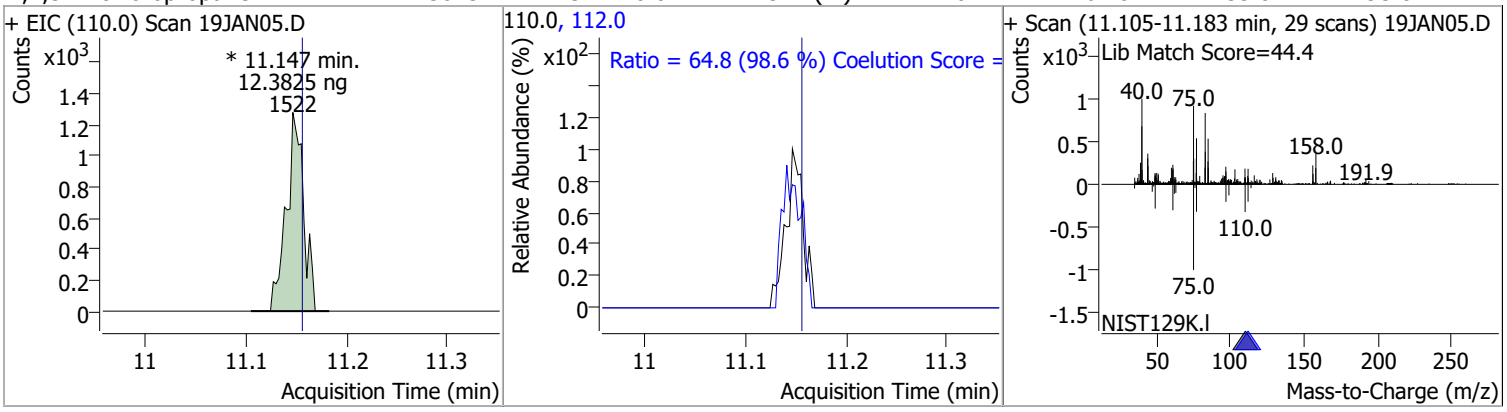
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	11.9266	11.09	0.00	9784	77.0	142.5	113.5	173.5
					158.0	94.0	66.1	126.1



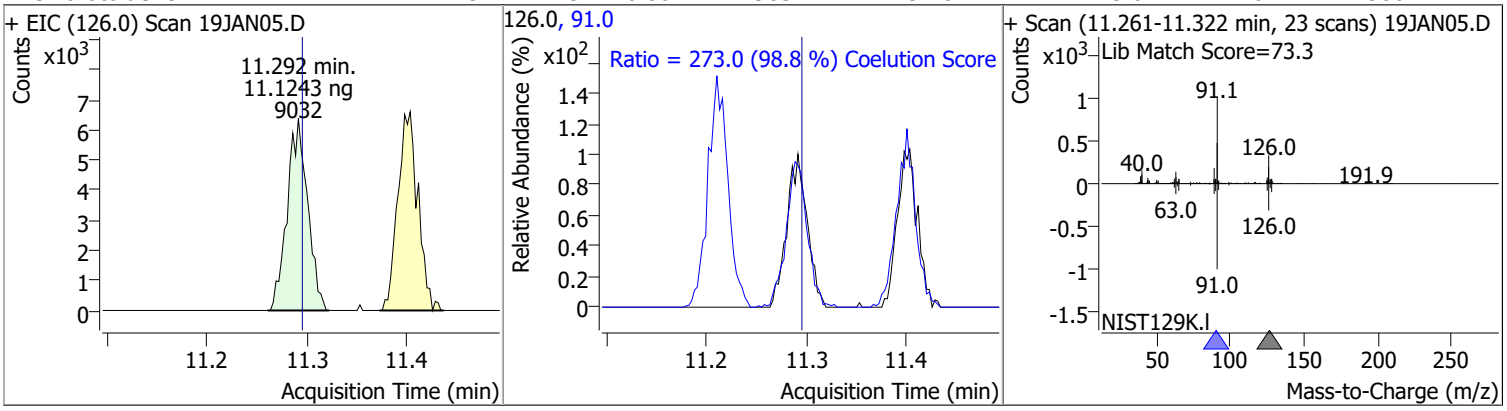
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	12.3034	11.11	0.00	5757	85.0	65.8	33.3	93.3



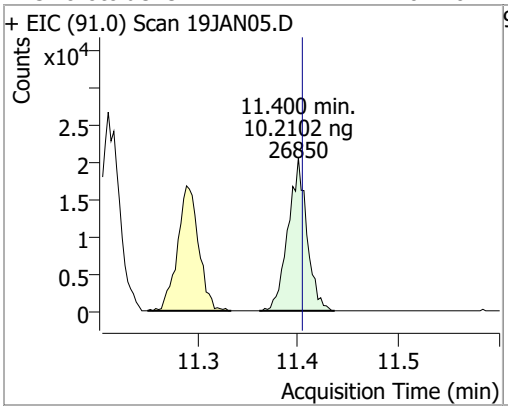
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	12.3825	11.15	-0.01	1522 (m)	112.0	64.8	35.8	95.8

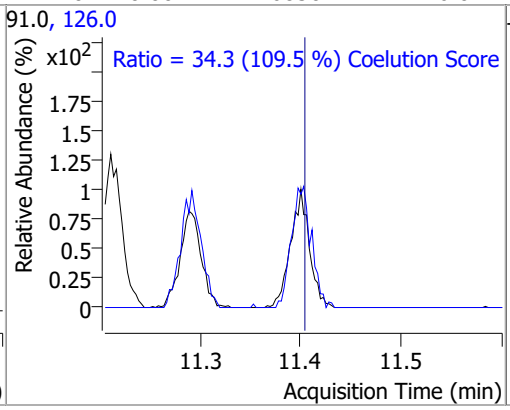


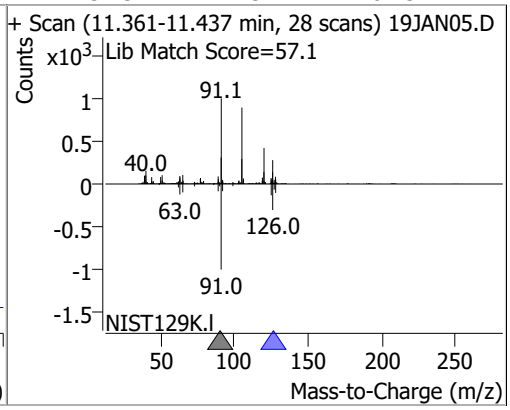
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	11.1243	11.29	0.00	9032	91.0	273.0	246.2	306.2



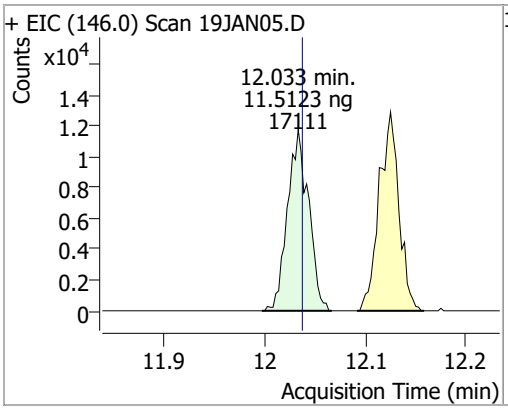
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	10.2102	11.40	0.00	26850	126.0	34.3	1.3	61.3

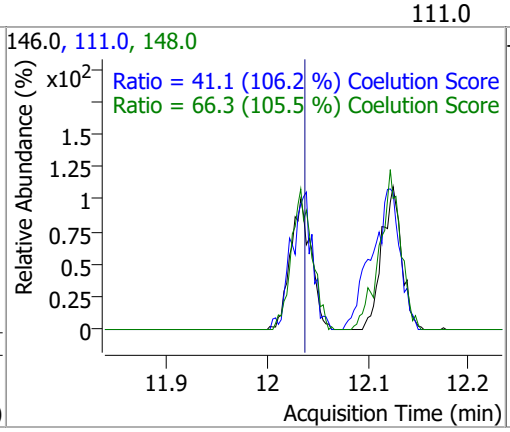


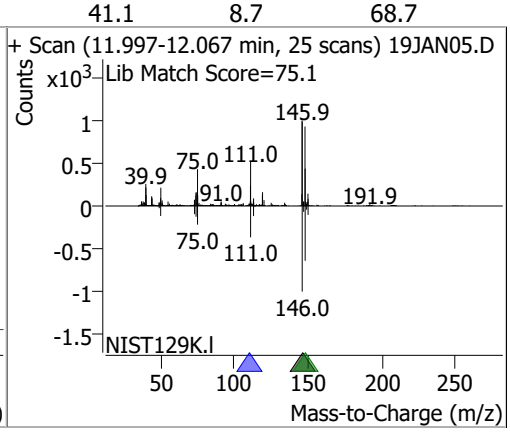




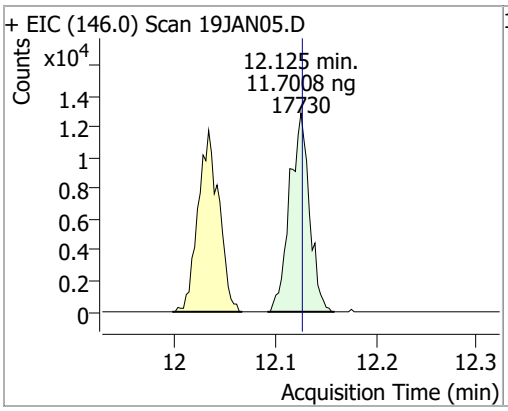
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	11.5123	12.03	0.00	17111	148.0	66.3	32.8	92.8
					111.0	41.1	8.7	68.7

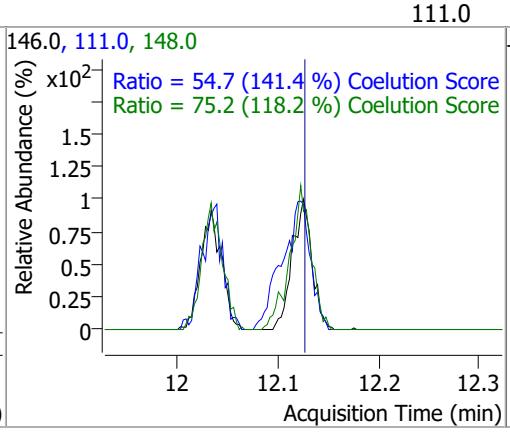


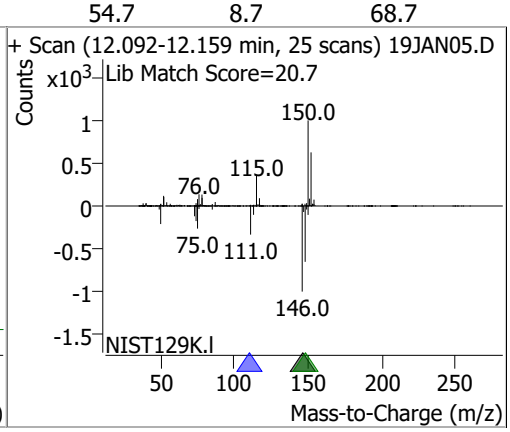




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	11.7008	12.13	0.00	17730	148.0	75.2	33.7	93.7
					111.0	54.7	8.7	68.7

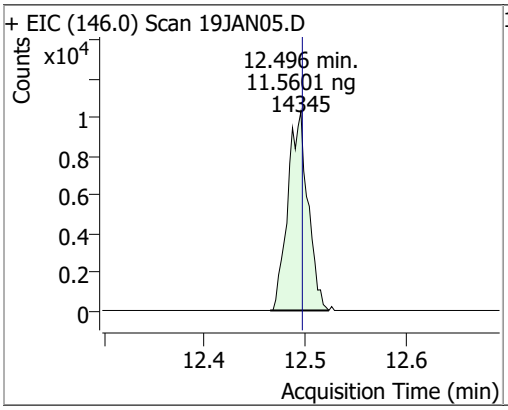


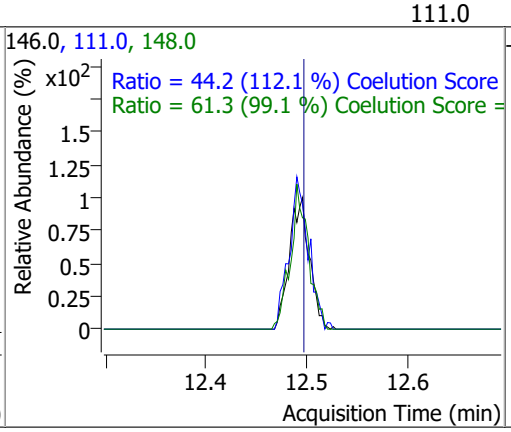


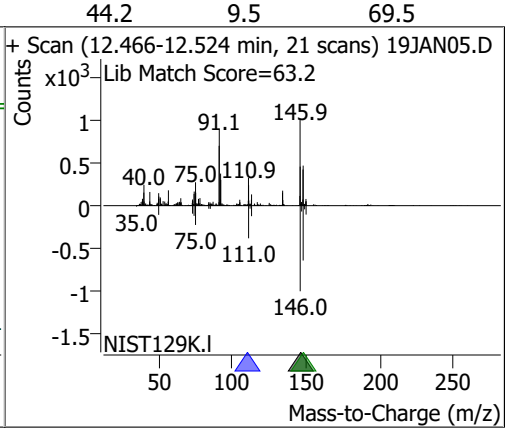


Quantitation Results Report (QT Reviewed)

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)

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Data File	19JAN06.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/19/2022 11:42:44 AM
Sample Name	ICAL011922_3	Instrument	VOA5975C
Vial	6	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
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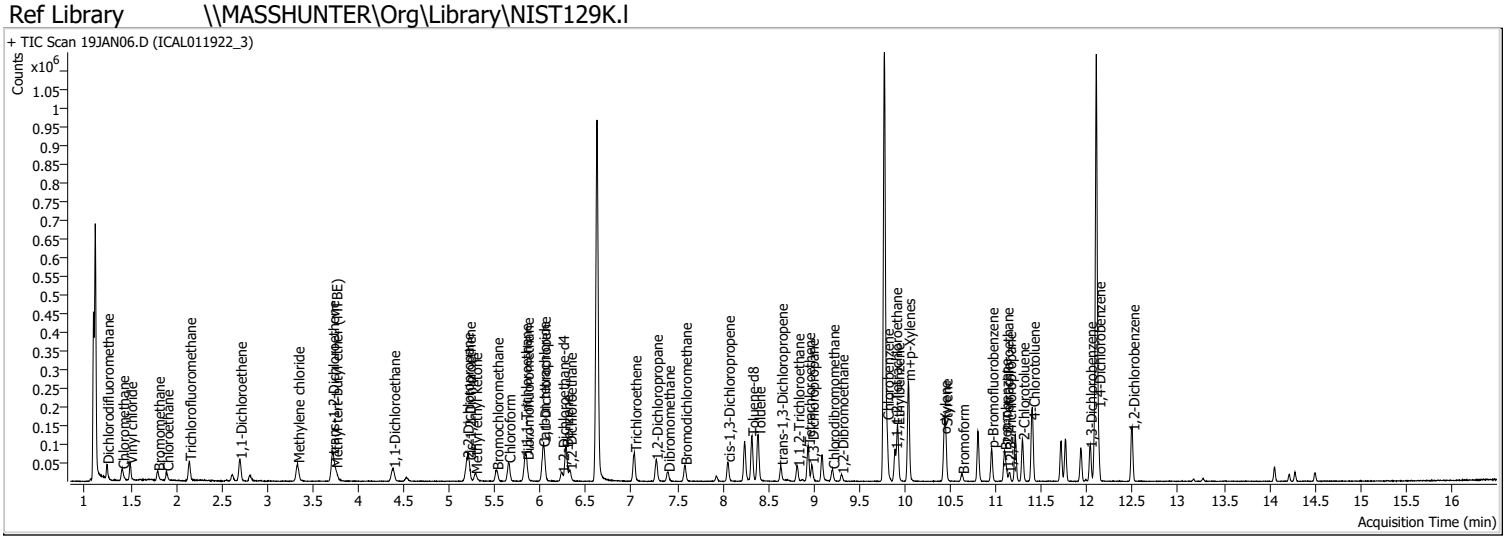
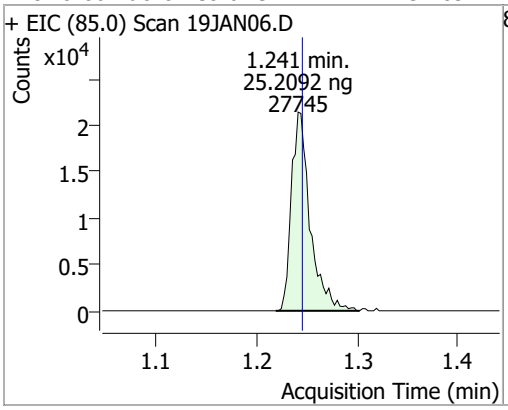


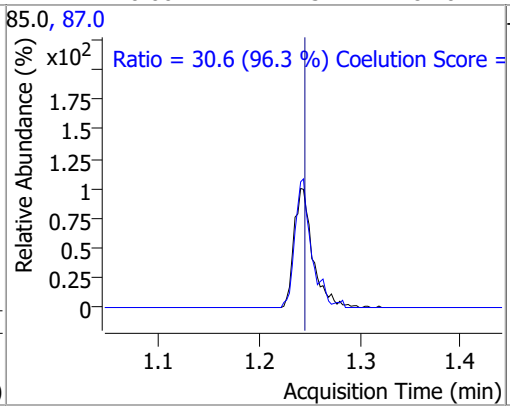
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	818509	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	321094	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	258693	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	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

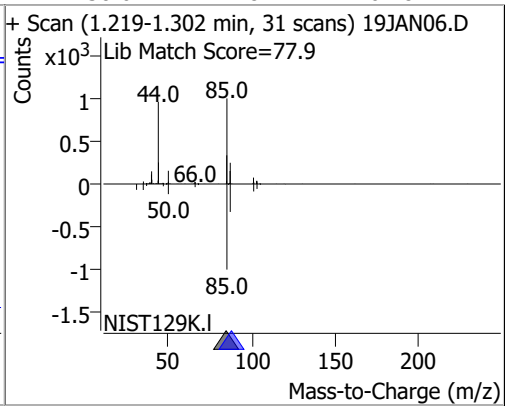
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.828	97.0	36046	24.5919	ng	99
T Carbon tetrachloride	6.026	117.0	34965	24.5955	ng	99
T 1,1-Dichloropropene	6.035	75.0	27641	23.2550	ng	96
T Benzene	6.283	78.0	76658	23.4442	ng	97
T 1,2-Dichloroethane	6.322	62.0	21778	24.1139	ng	99
T 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

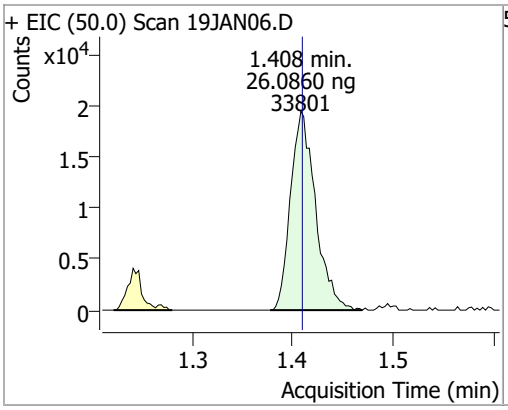
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	25.2092	1.24	0.00	27745	87.0	30.6	1.8	61.8

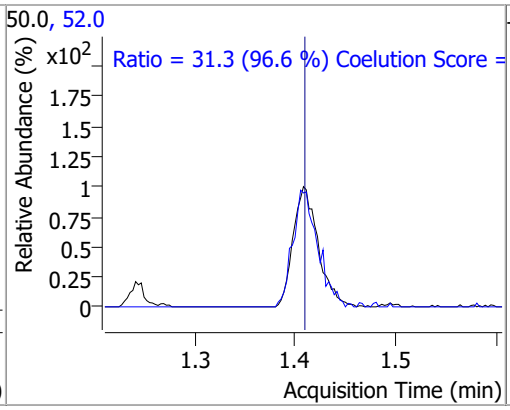


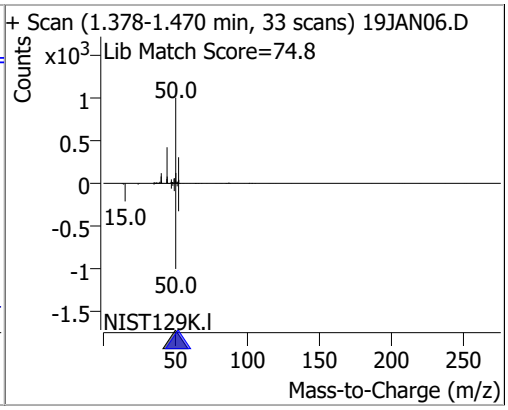




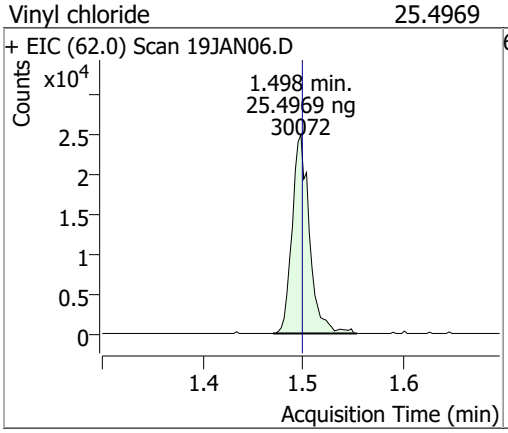
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	26.0860	1.41	0.00	33801	52.0	31.3	2.4	62.4

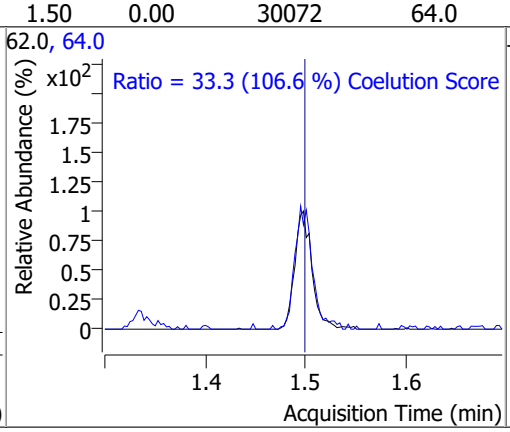


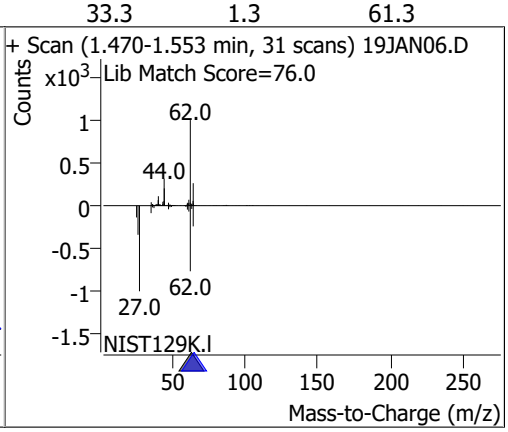




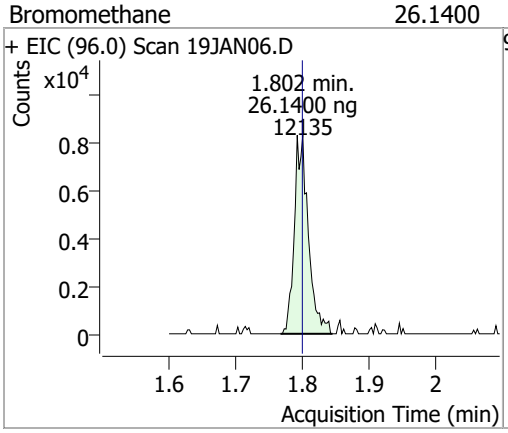
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	25.4969	1.50	0.00	30072	64.0	33.3	1.3	61.3

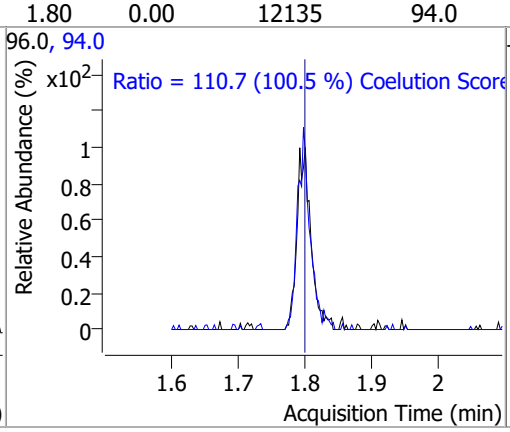


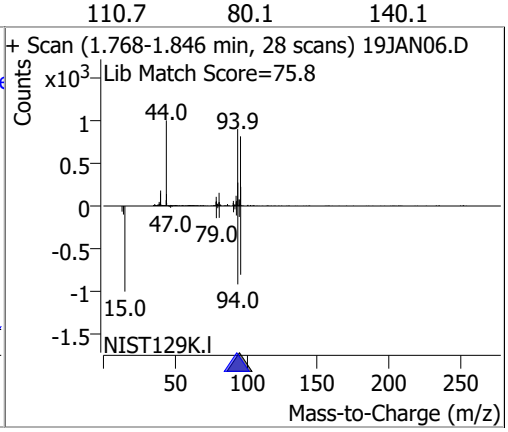




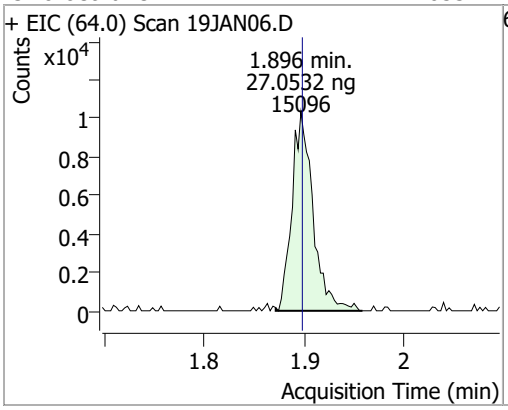
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	26.1400	1.80	0.00	12135	94.0	110.7	80.1	140.1

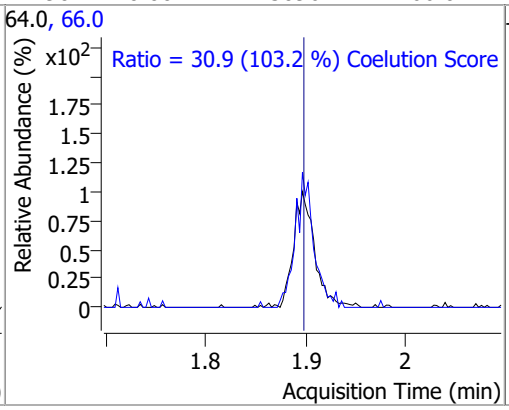


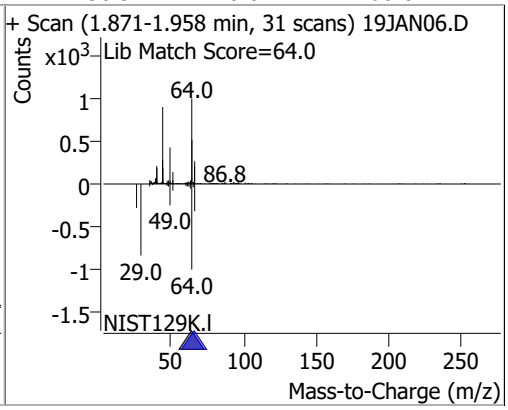




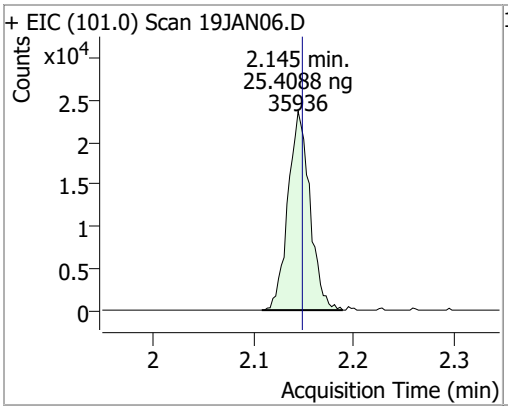
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	27.0532	1.90	0.00	15096	66.0	30.9	0.0	60.0

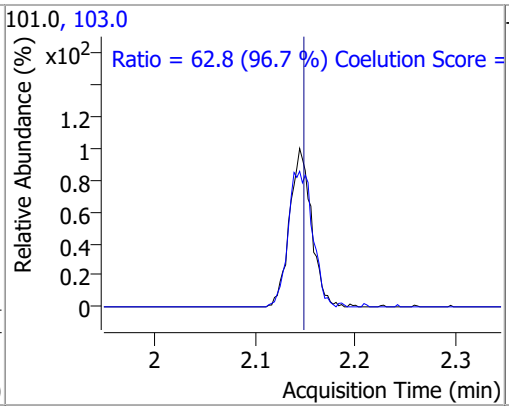


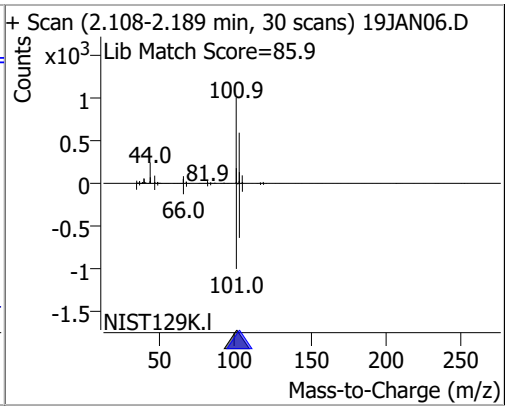




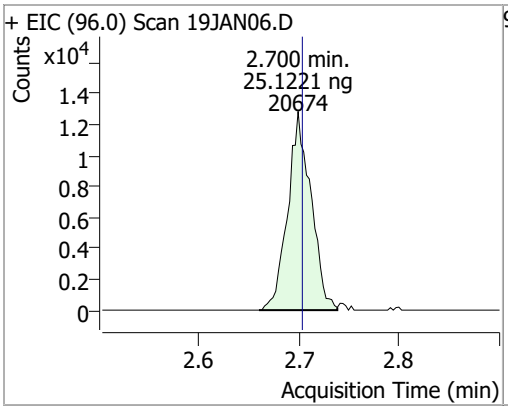
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	25.4088	2.14	0.00	35936	103.0	62.8	35.0	95.0

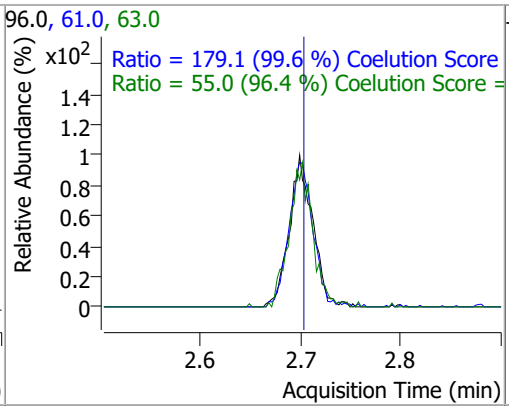


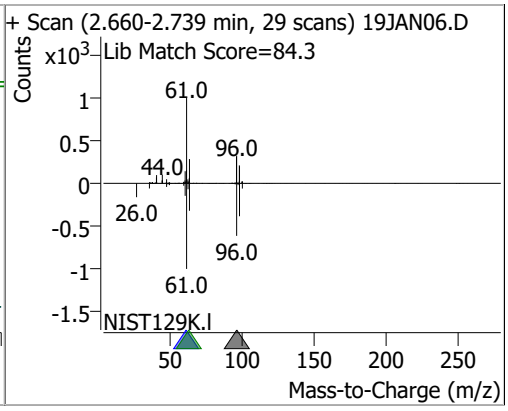




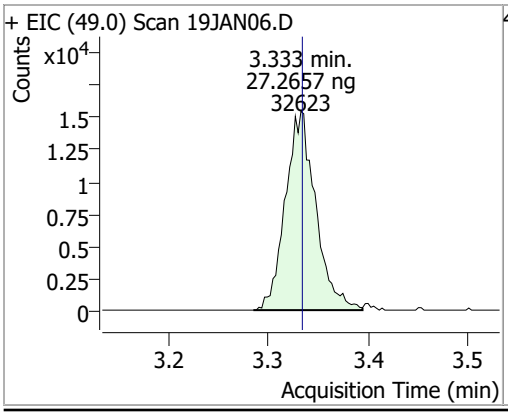
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	25.1221	2.70	0.00	20674	61.0	179.1	149.9	209.9
					63.0	55.0	27.0	87.0

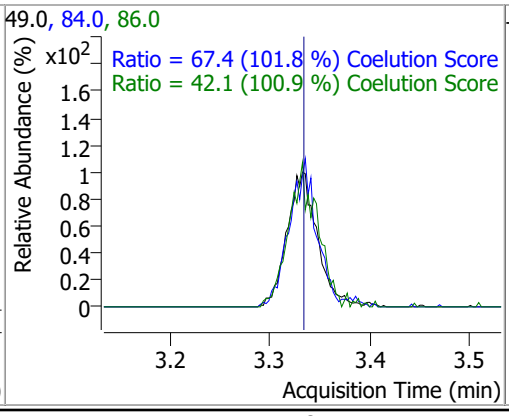


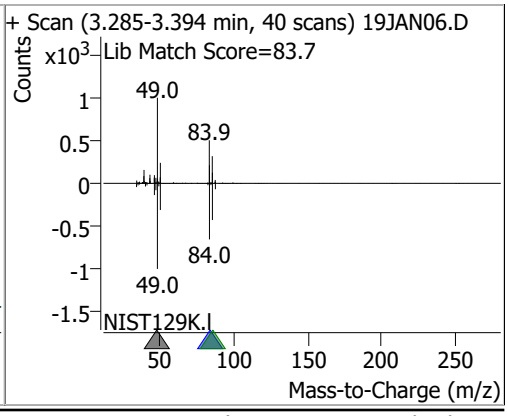




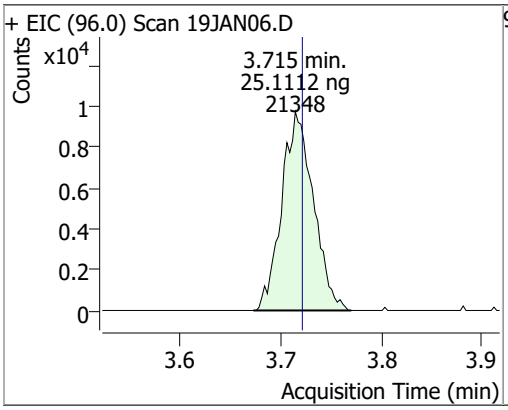
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	27.2657	3.33	0.00	32623	84.0	67.4	36.1	96.1
					86.0	42.1	11.8	71.8

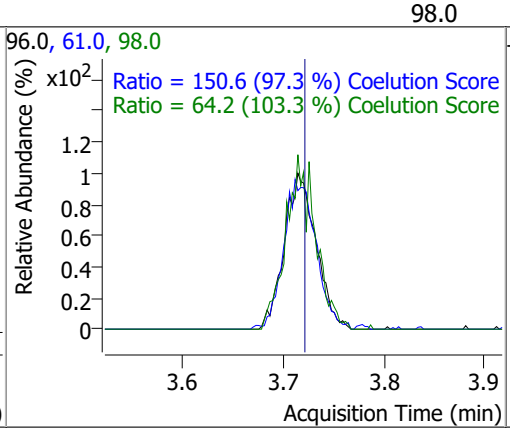


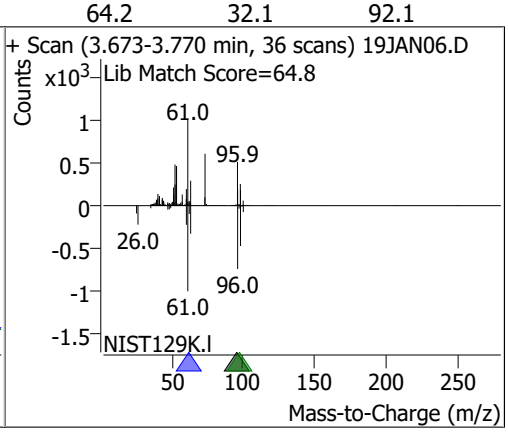




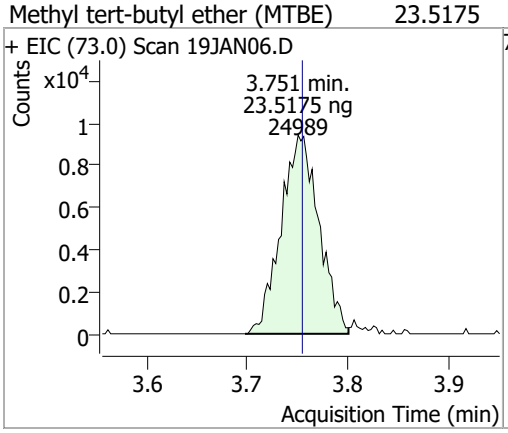
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	25.1112	3.71	-0.01	21348	61.0	150.6	124.8	184.8
					98.0	64.2	32.1	92.1

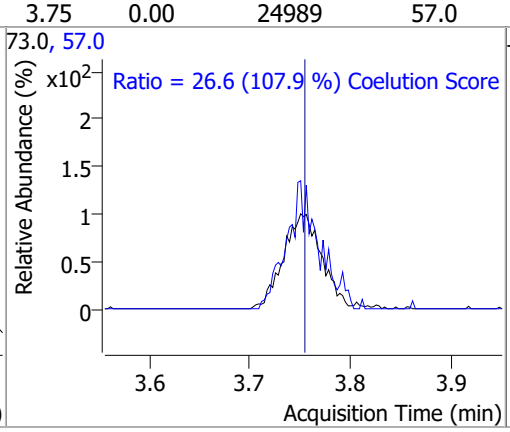


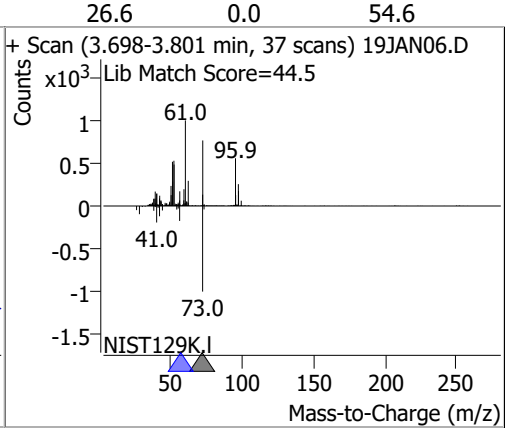




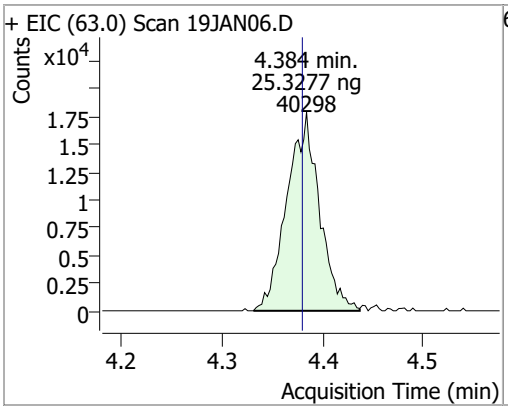
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	23.5175	3.75	0.00	24989	57.0	26.6	0.0	54.6

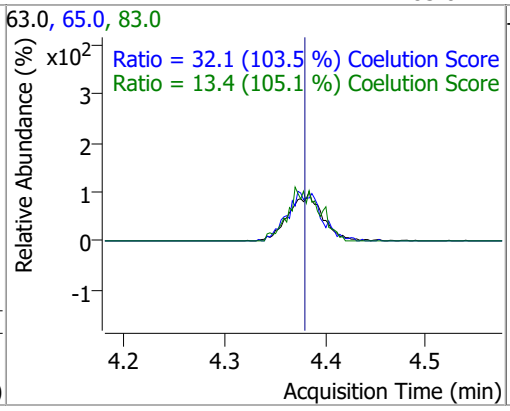


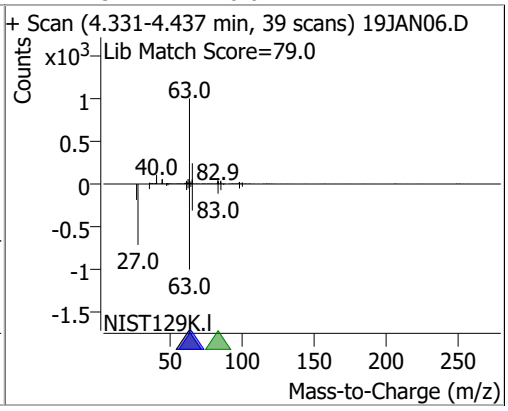




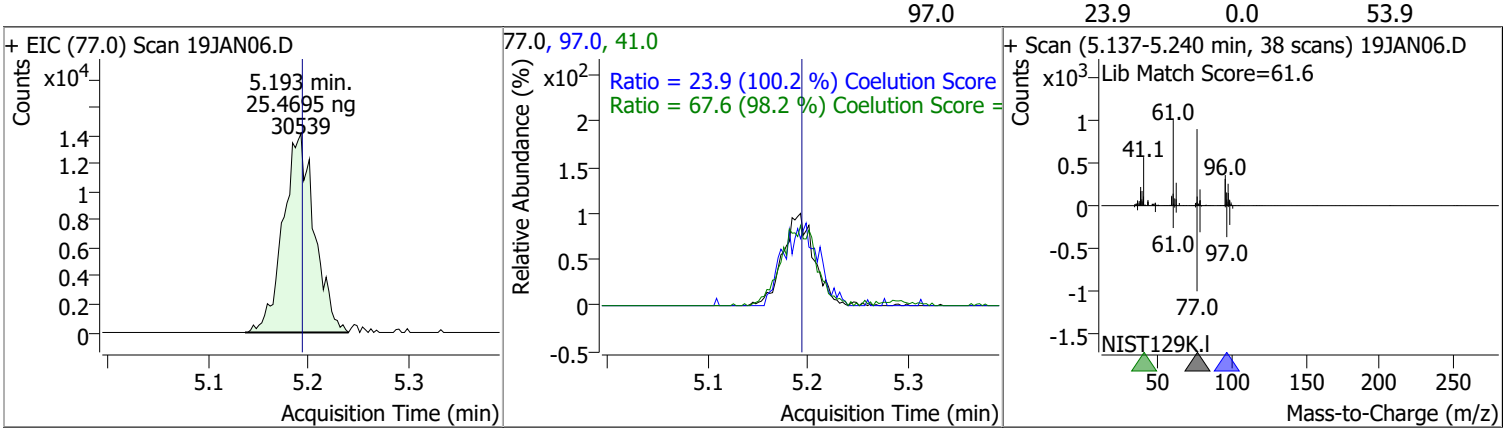
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	25.3277	4.38	0.01	40298	65.0	32.1	1.0	61.0
					83.0	13.4	0.0	42.7



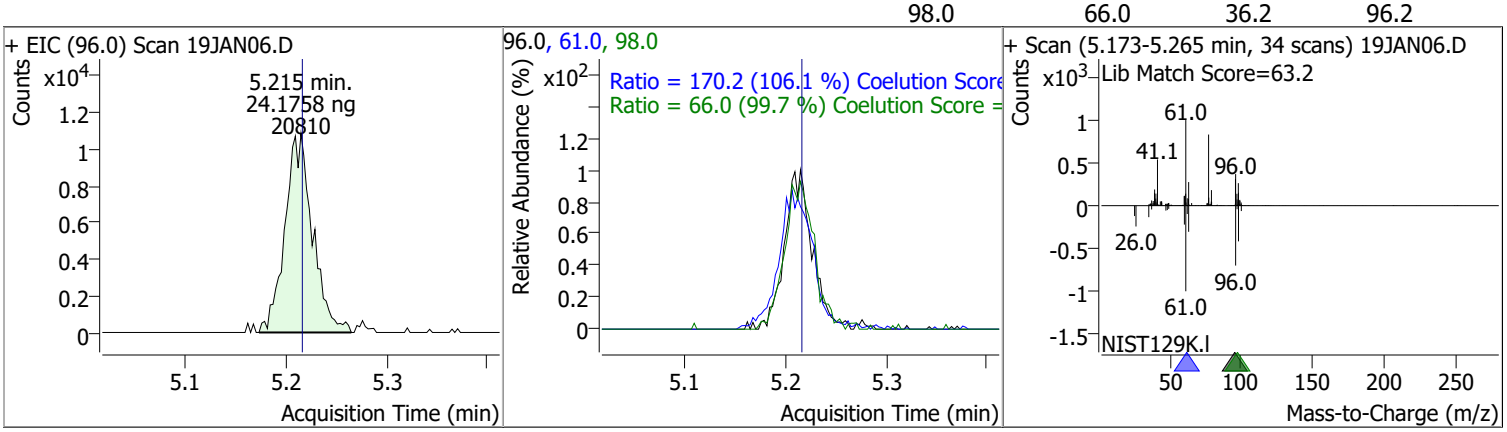




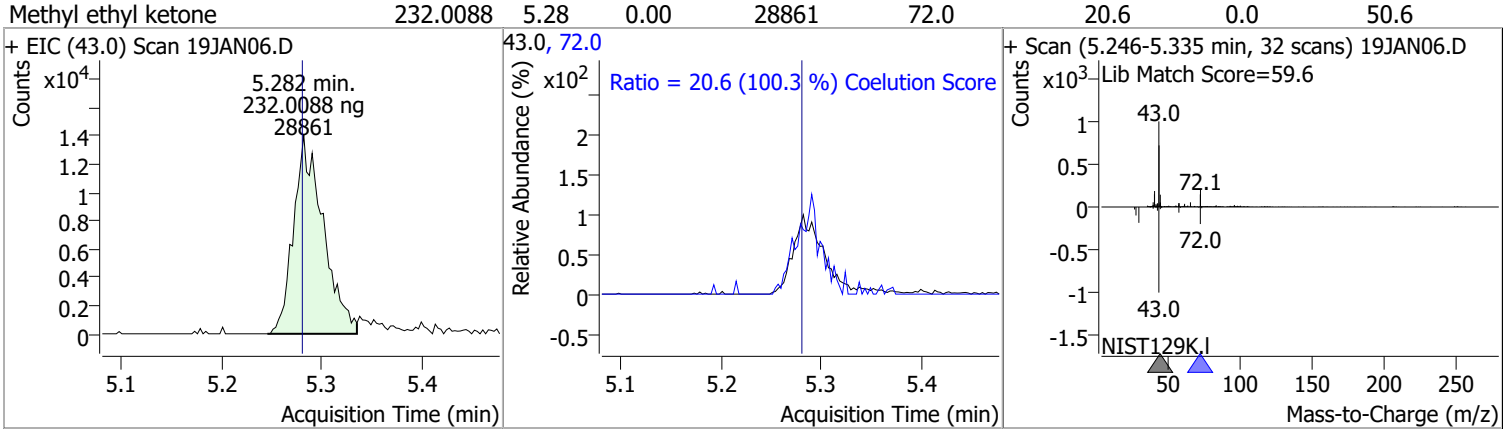
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	25.4695	5.19	0.00	30539	41.0	67.6	38.8	98.8
					97.0	23.9	0.0	53.9



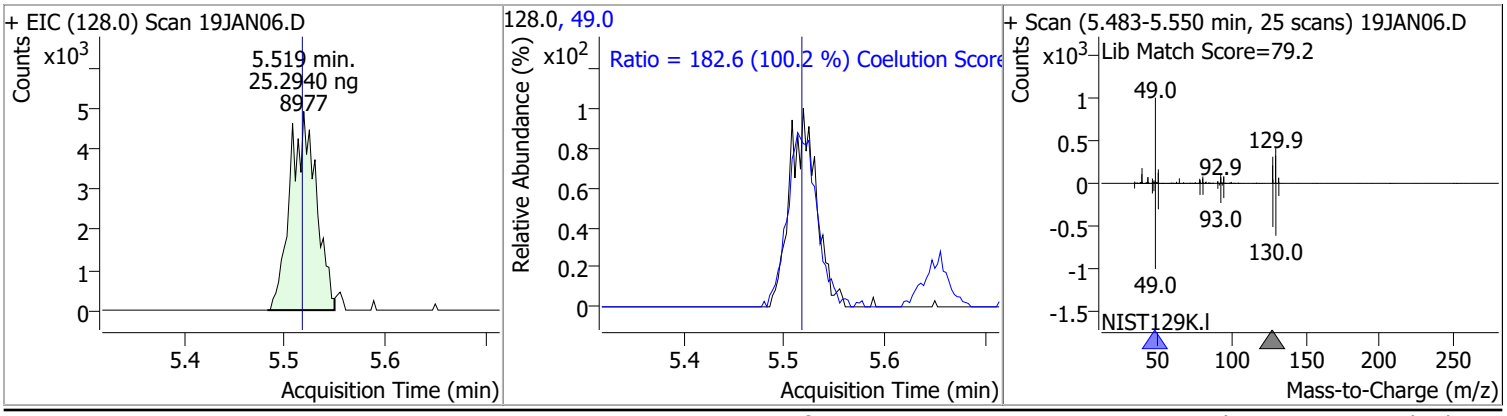
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	24.1758	5.21	0.00	20810	61.0	170.2	130.4	190.4
					98.0	66.0	36.2	96.2



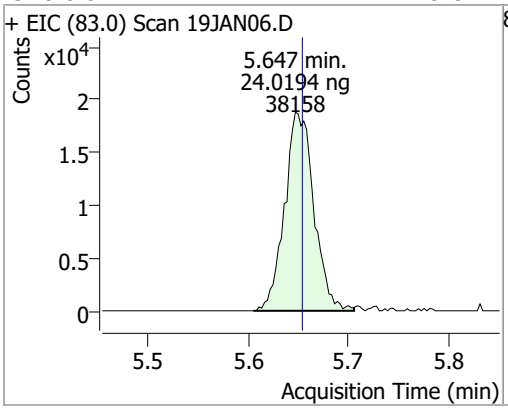
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	232.0088	5.28	0.00	28861	72.0	20.6	0.0	50.6

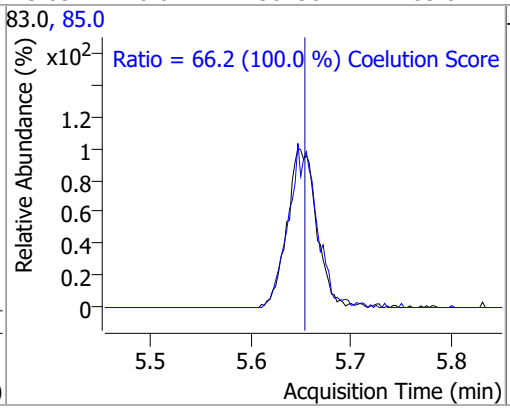


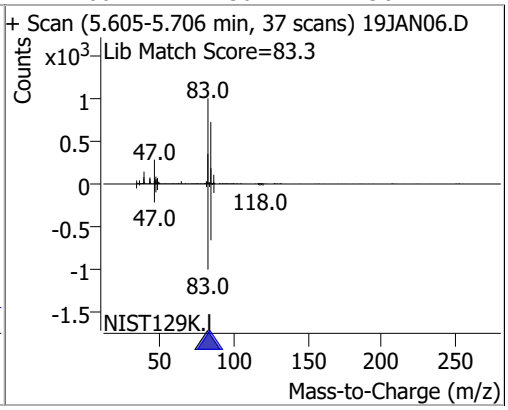
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	25.2940	5.52	0.00	8977	49.0	182.6	152.2	212.2



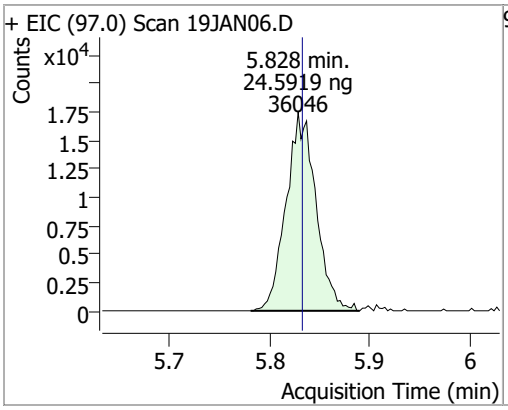
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	24.0194	5.65	-0.01	38158	85.0	66.2	36.2	96.2

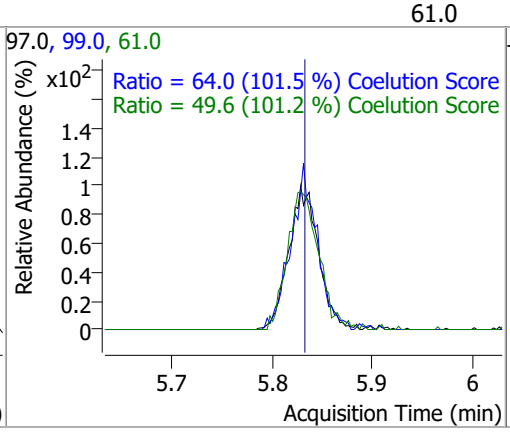


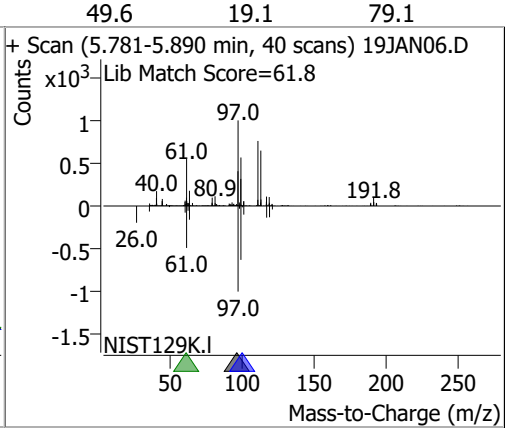




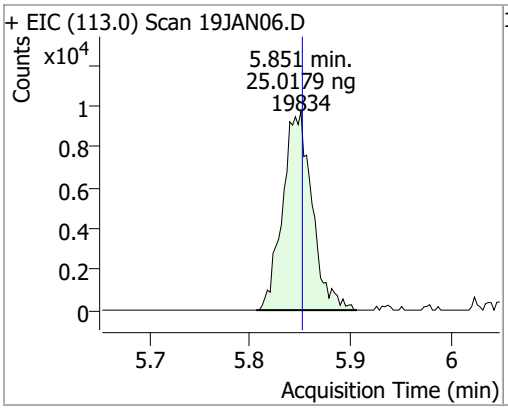
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	24.5919	5.83	0.00	36046	99.0	64.0	33.1	93.1
					61.0	49.6	19.1	79.1

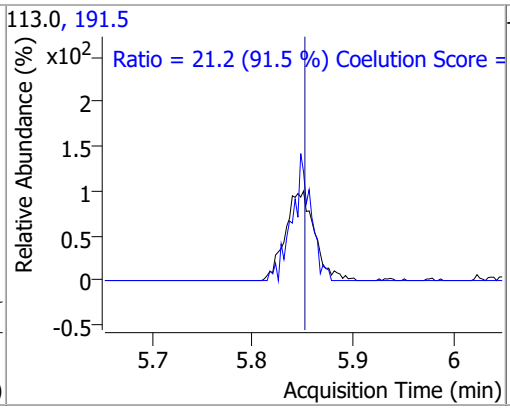


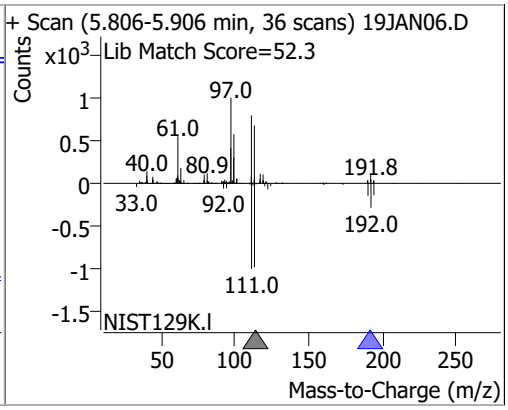




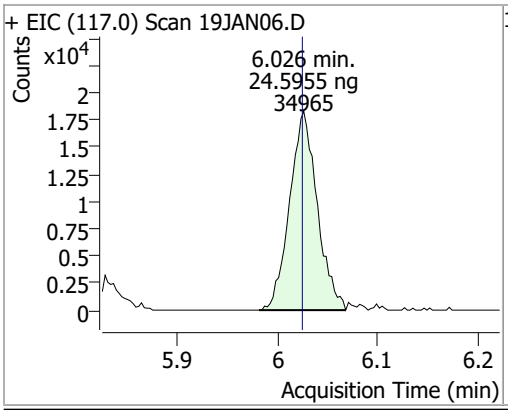
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	25.0179	5.85	0.00	19834	191.5	21.2	0.0	53.2

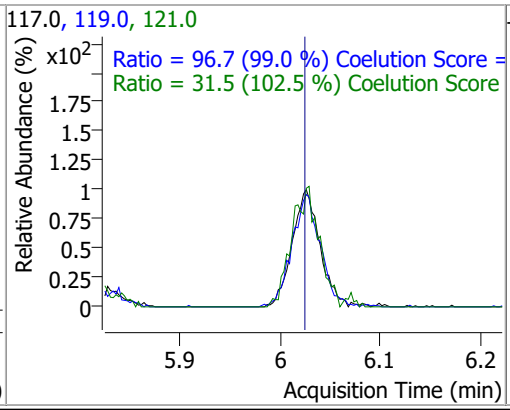


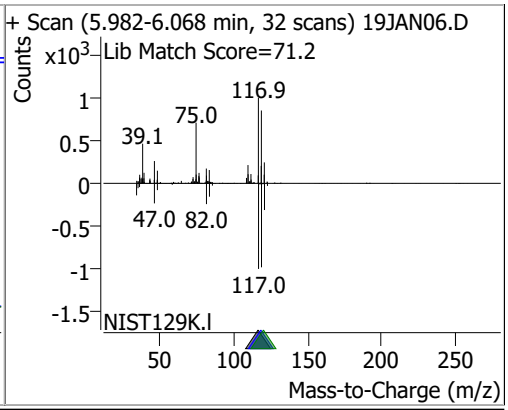




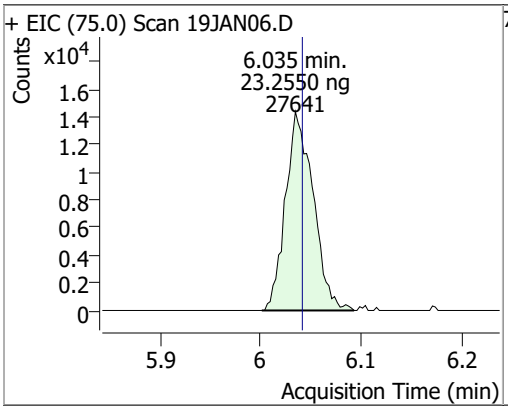
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	24.5955	6.03	0.00	34965	119.0	96.7	67.6	127.6
					121.0	31.5	0.7	60.7

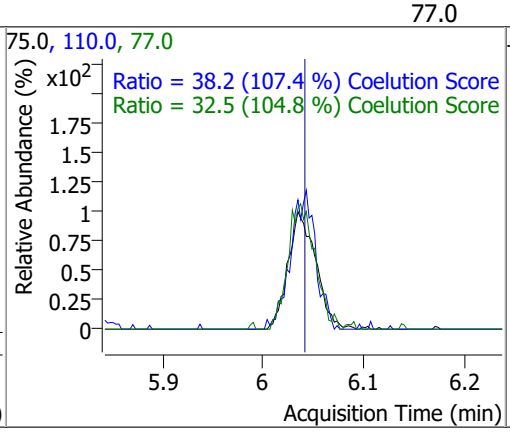


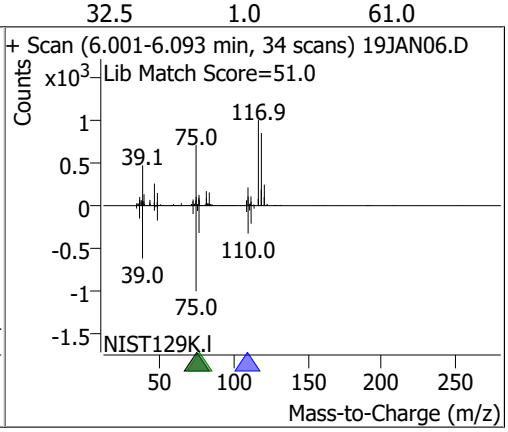




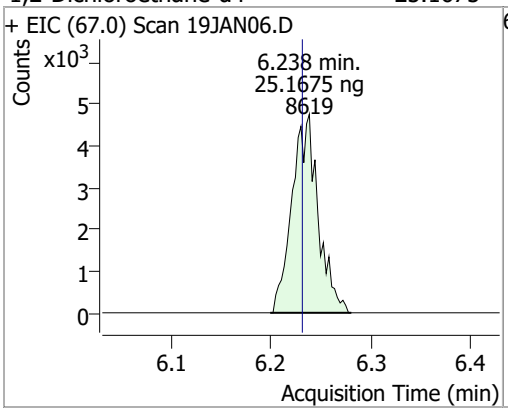
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	23.2550	6.03	-0.01	27641	110.0	38.2	5.6	65.6
					77.0	32.5	1.0	61.0

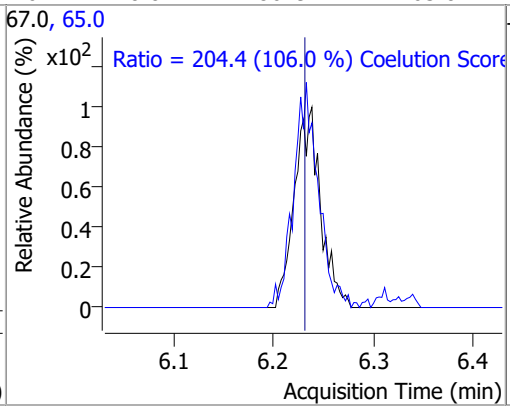


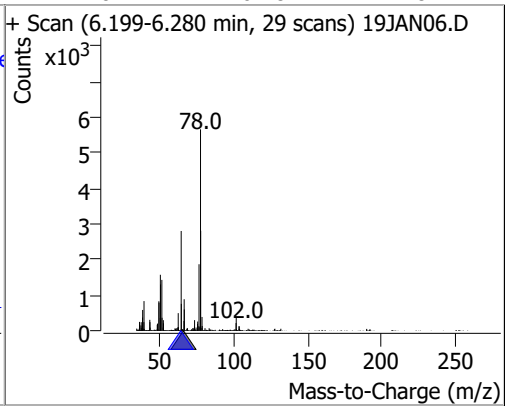




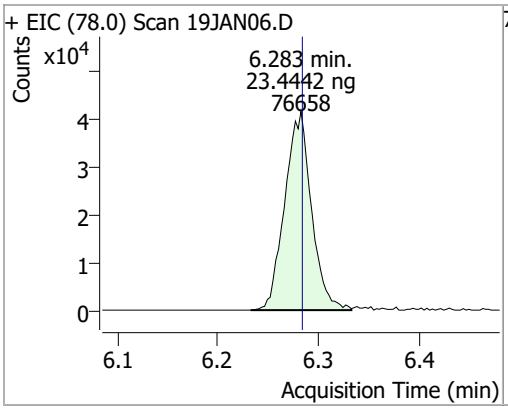
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	25.1675	6.24	0.01	8619	65.0	204.4	162.8	222.8

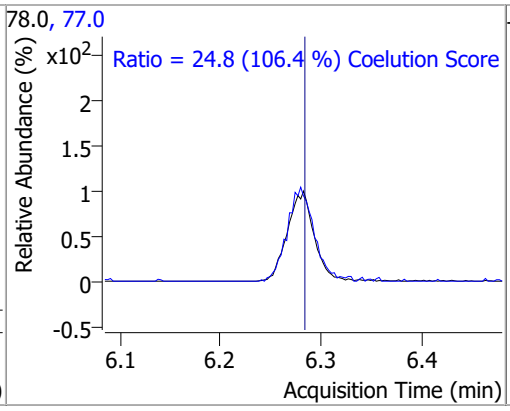


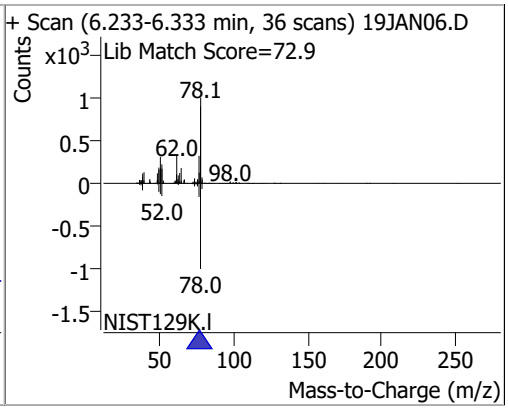




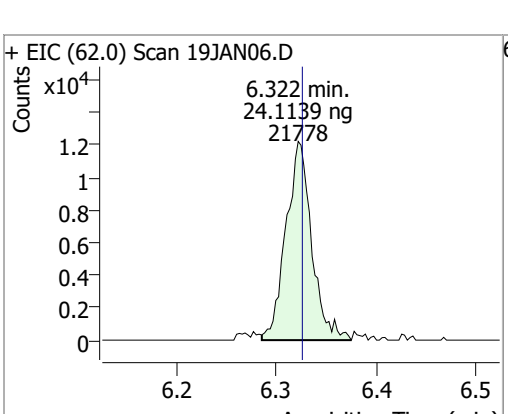
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	23.4442	6.28	0.00	76658	77.0	24.8	0.0	53.3

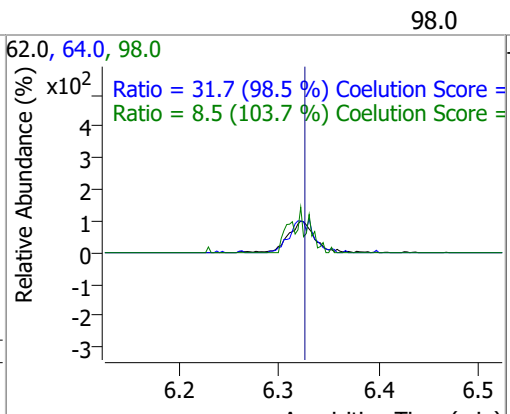


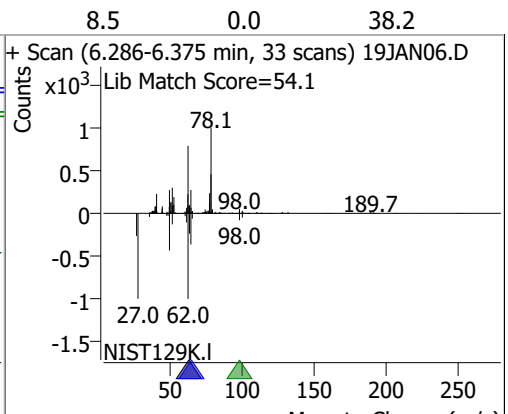




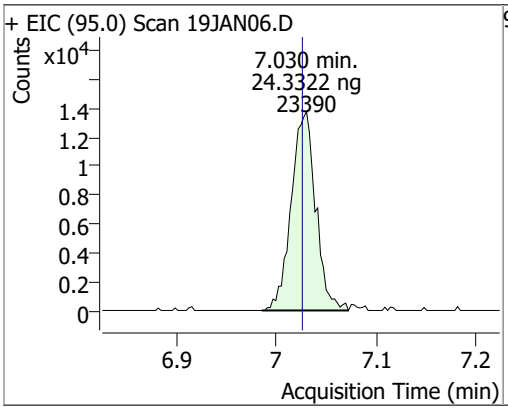
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	24.1139	6.32	0.00	21778	64.0	31.7	2.2	62.2
					98.0	8.5	0.0	38.2

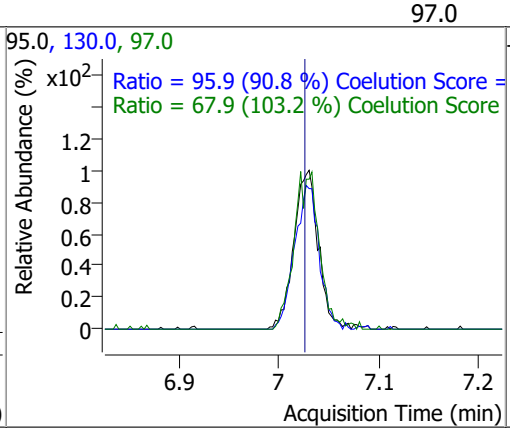


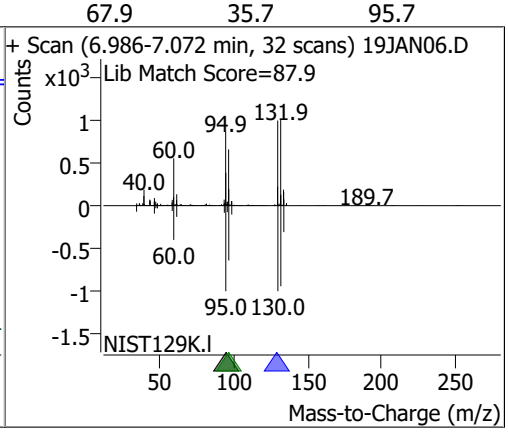




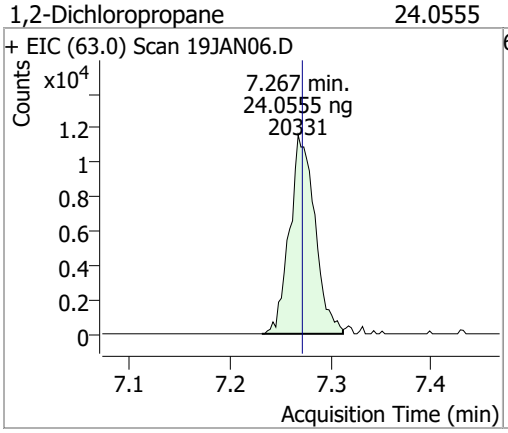
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	24.3322	7.03	0.01	23390	130.0	95.9	75.6	135.6
					97.0	67.9	35.7	95.7

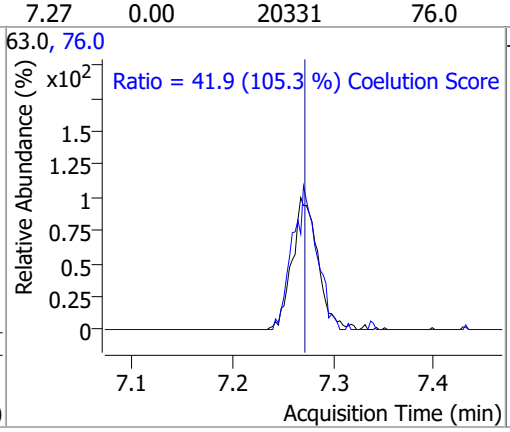


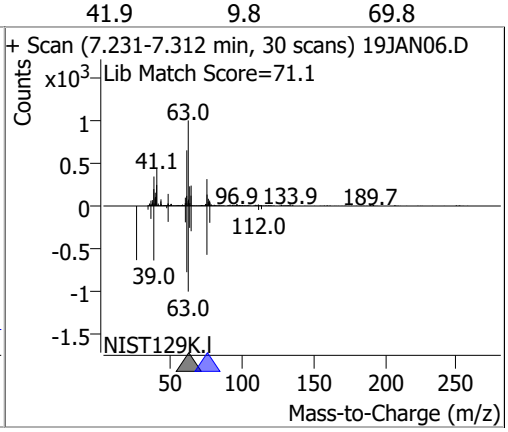




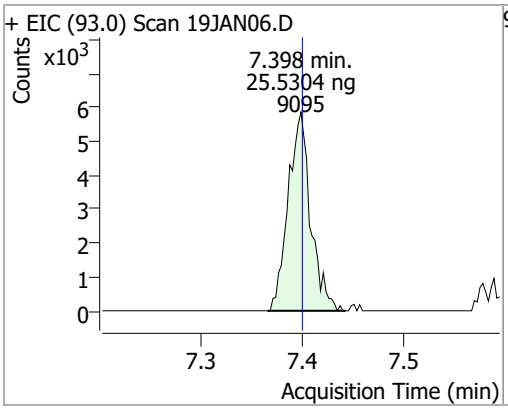
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	24.0555	7.27	0.00	20331	76.0	41.9	9.8	69.8

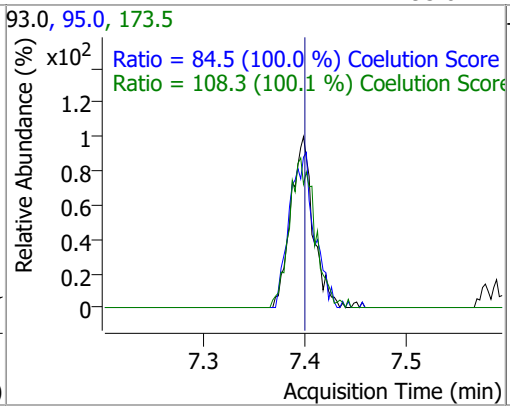


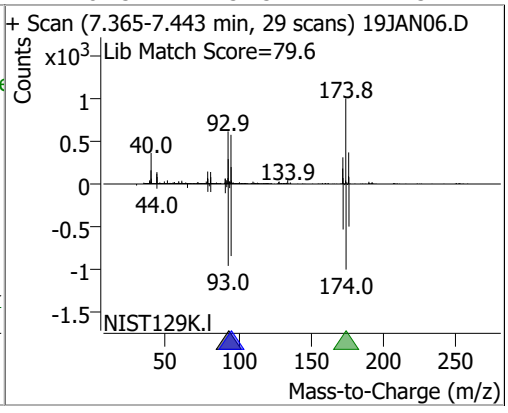




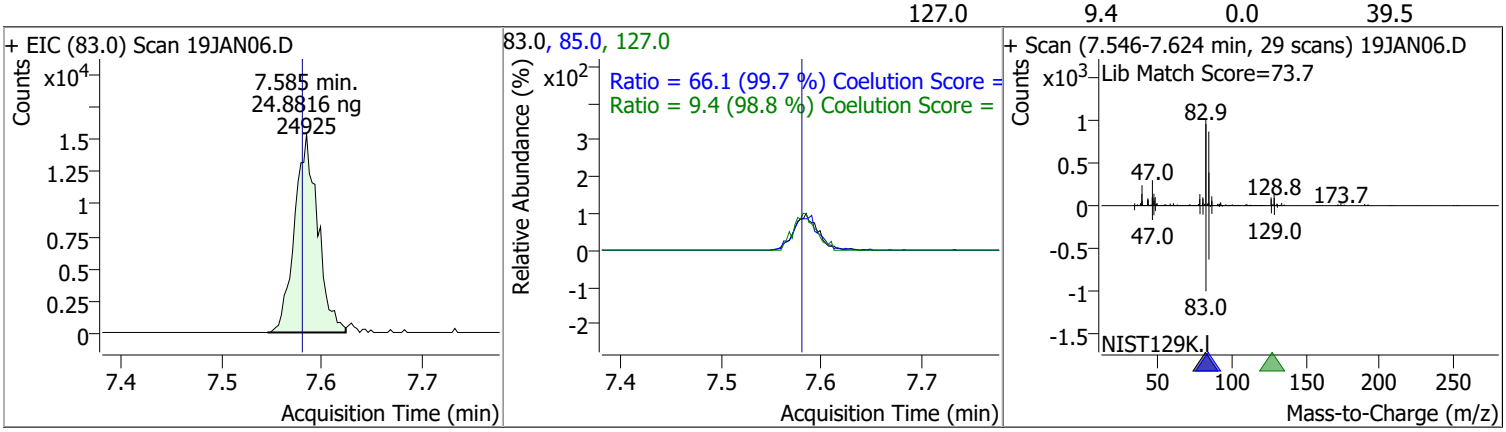
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	25.5304	7.40	0.00	9095	173.5	108.3	78.2	138.2
					95.0	84.5	54.5	114.5



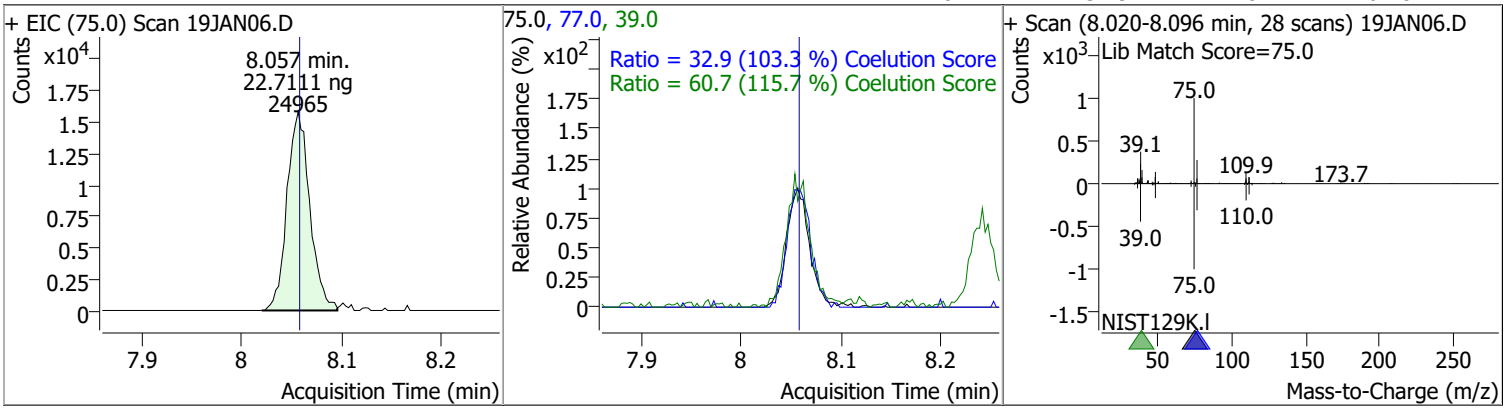




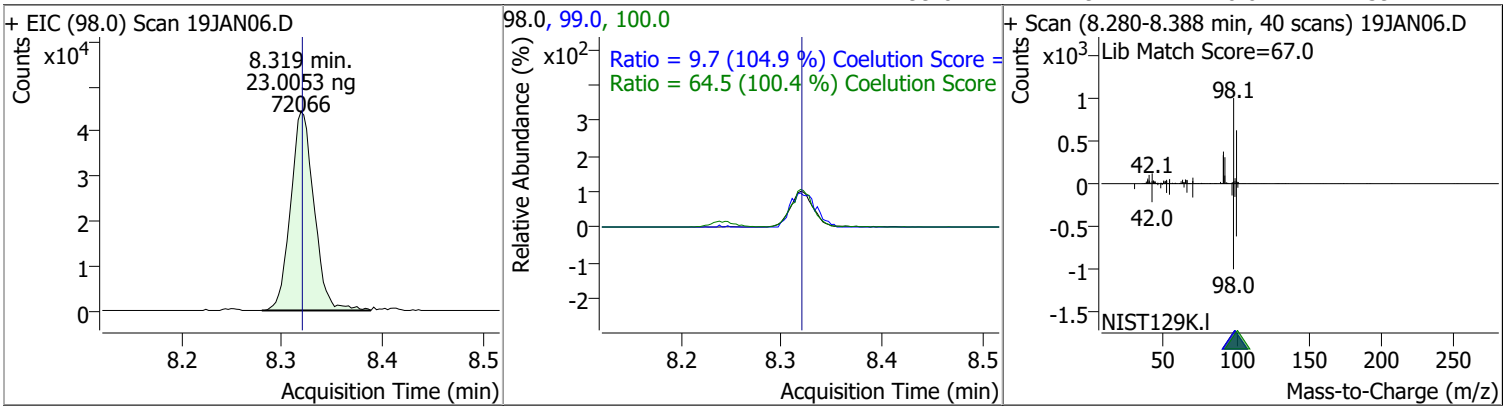
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	24.8816	7.59	0.01	24925	85.0	66.1	36.3	96.3
					127.0	9.4	0.0	39.5



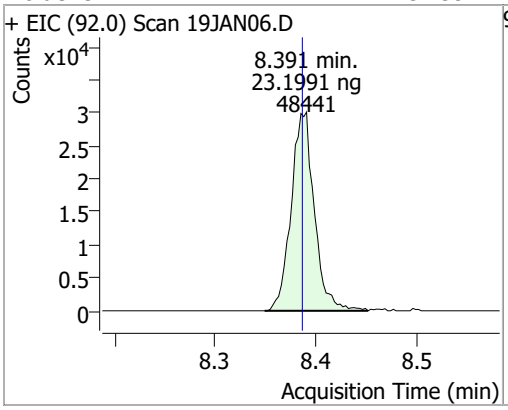
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	22.7111	8.06	0.00	24965	39.0	60.7	22.5	82.5
					77.0	32.9	1.8	61.8

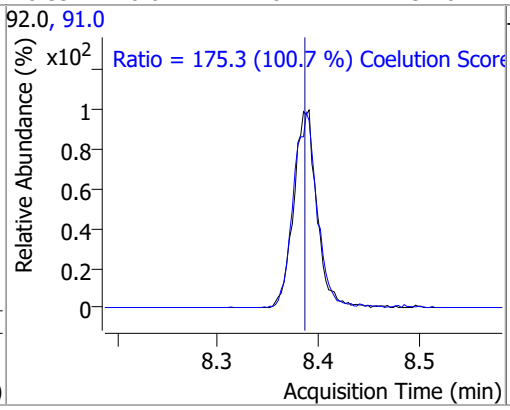


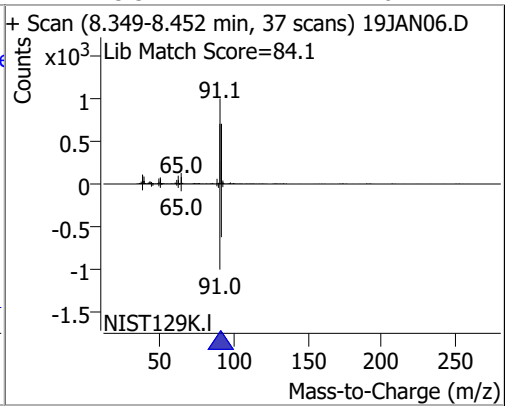
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	23.0053	8.32	0.00	72066	100.0	64.5	34.3	94.3
					99.0	9.7	0.0	39.2



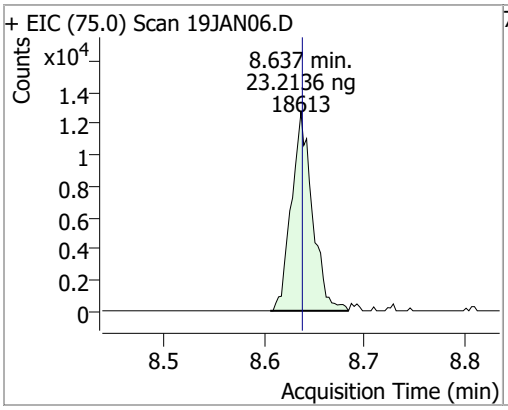
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	23.1991	8.39	0.01	48441	91.0	175.3	144.1	204.1

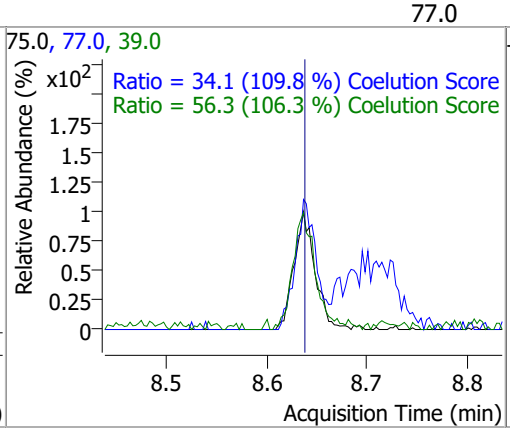


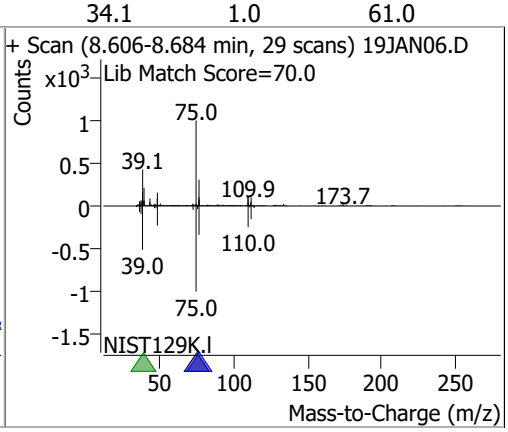




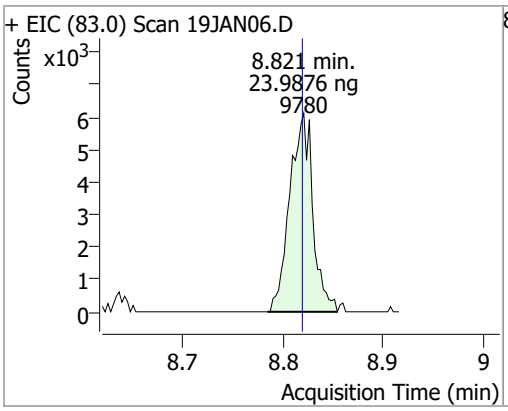
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	23.2136	8.64	0.00	18613	39.0	56.3	23.0	83.0
					77.0	34.1	1.0	61.0

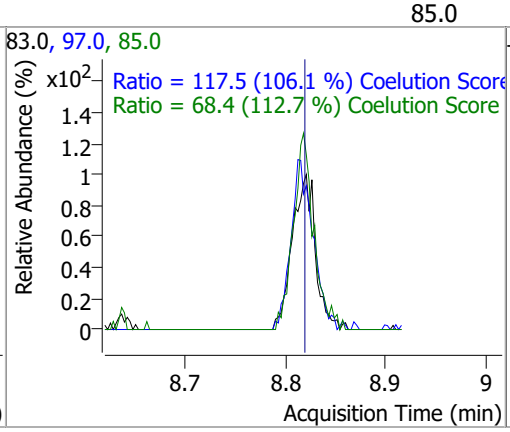


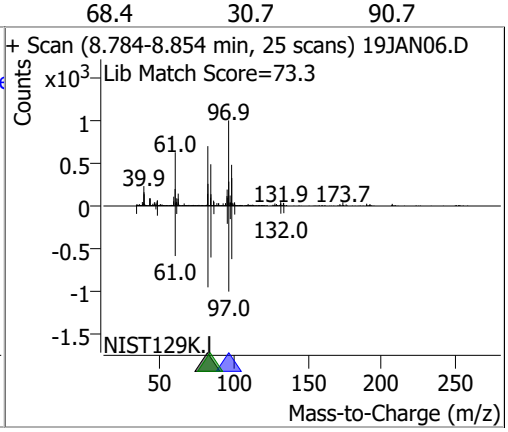




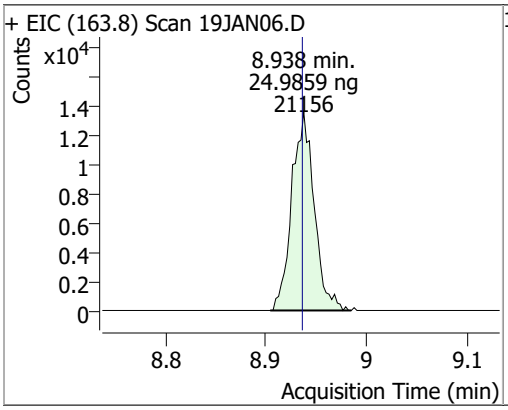
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	23.9876	8.82	0.00	9780	97.0	117.5	80.7	140.7
					85.0	68.4	30.7	90.7

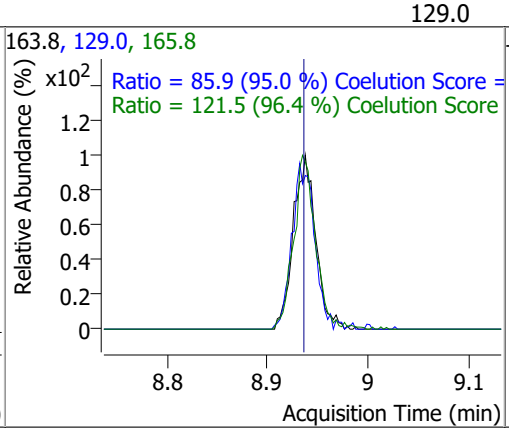


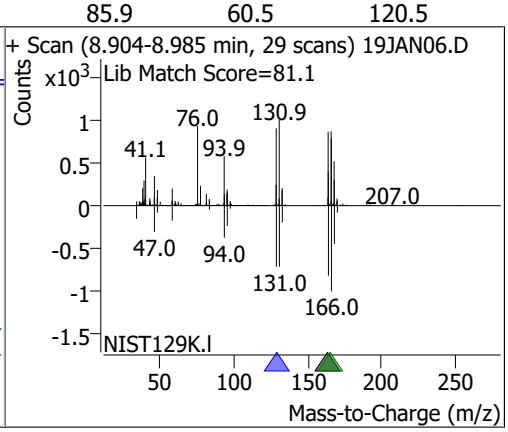




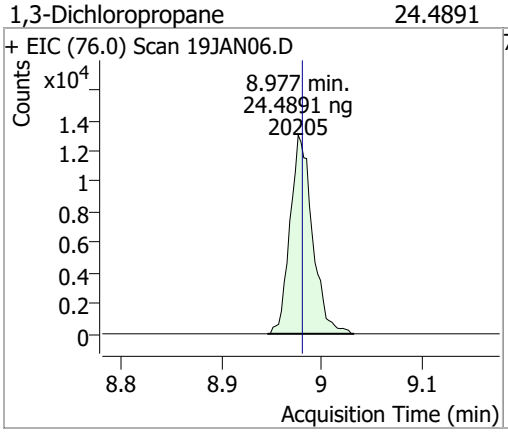
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	24.9859	8.94	0.00	21156	165.8	121.5	96.1	156.1
					129.0	85.9	60.5	120.5

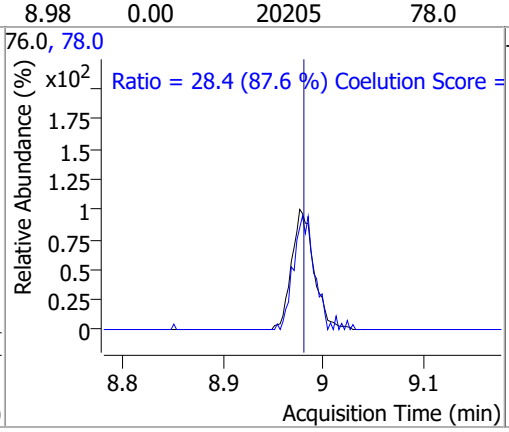


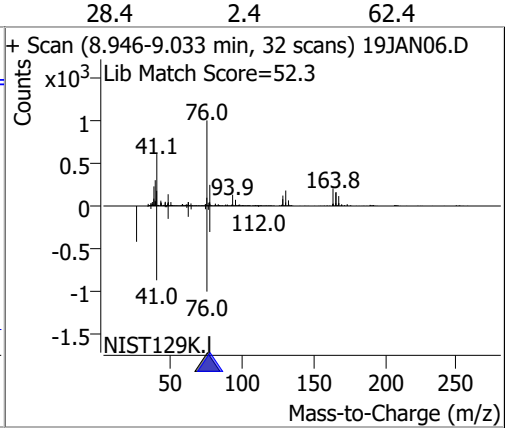




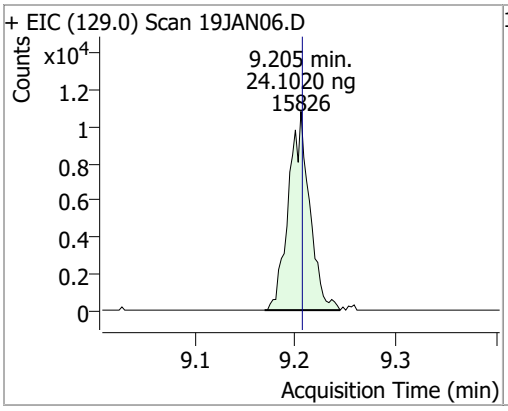
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	24.4891	8.98	0.00	20205	78.0	28.4	2.4	62.4

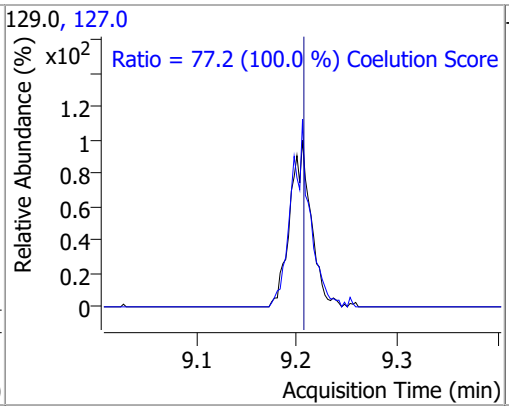


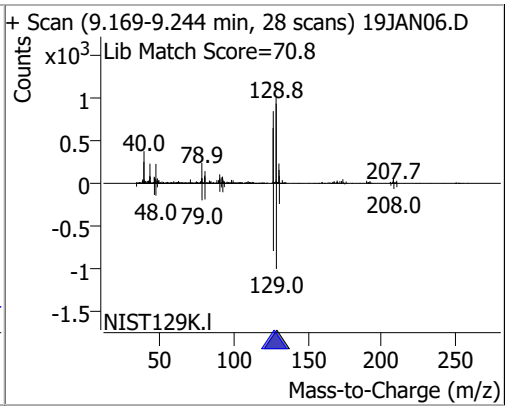




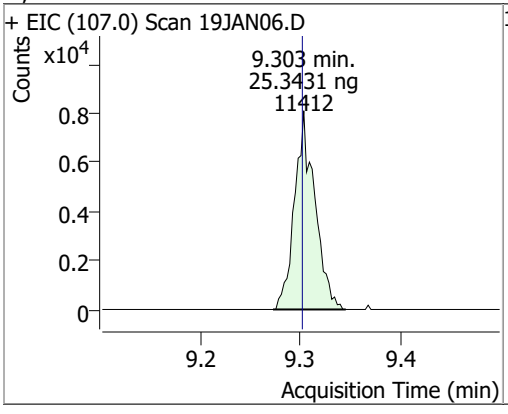
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	24.1020	9.21	0.00	15826	127.0	77.2	47.2	107.2

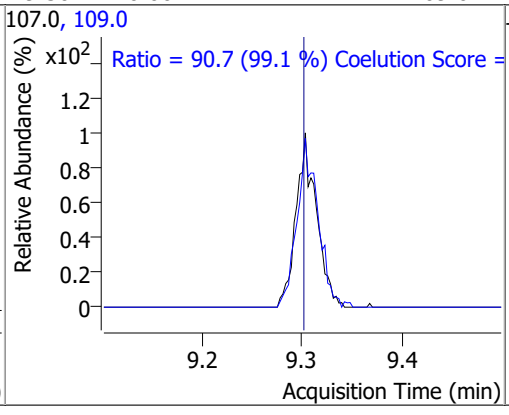


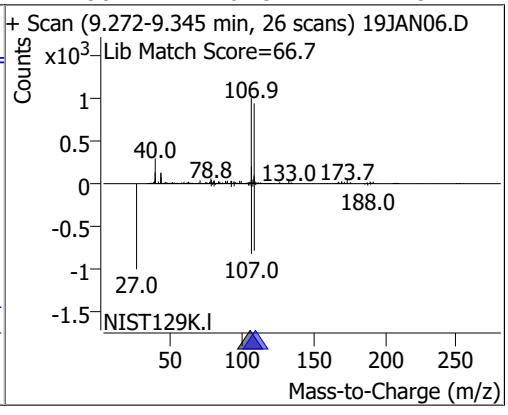




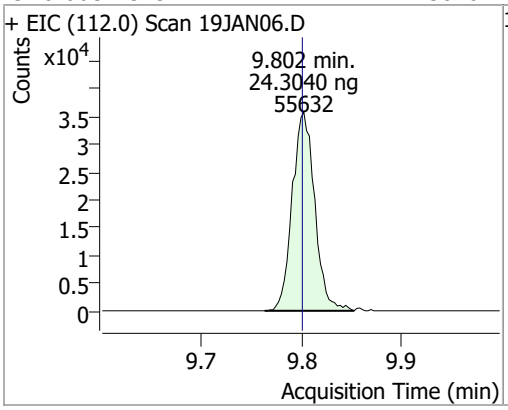
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	25.3431	9.30	0.00	11412	109.0	90.7	61.5	121.5

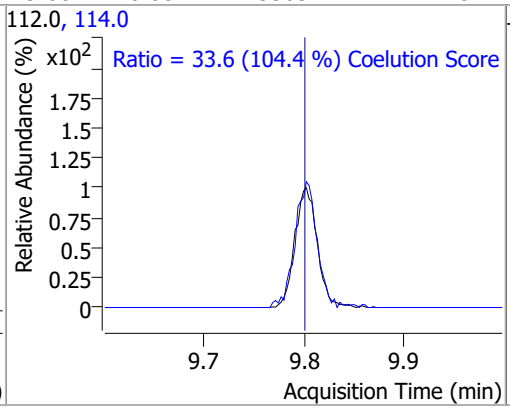


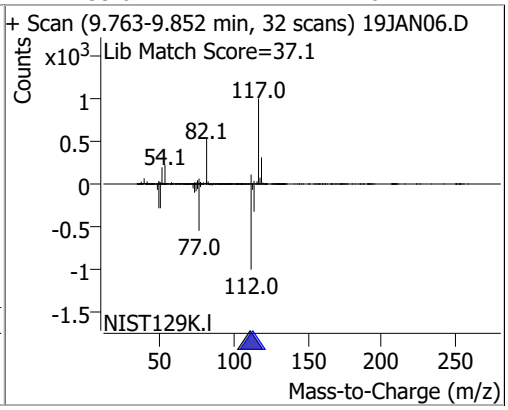




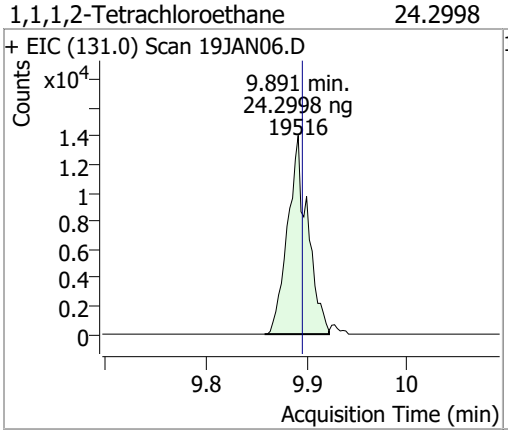
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	24.3040	9.80	0.00	55632	114.0	33.6	2.2	62.2

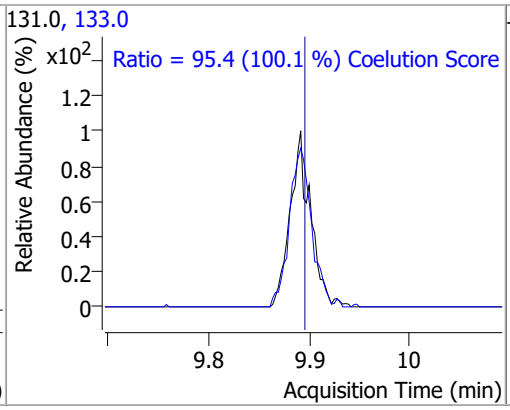


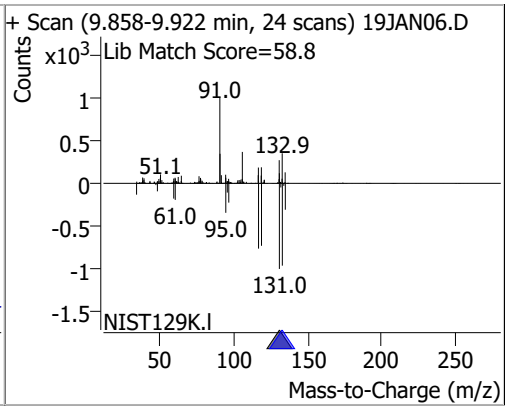




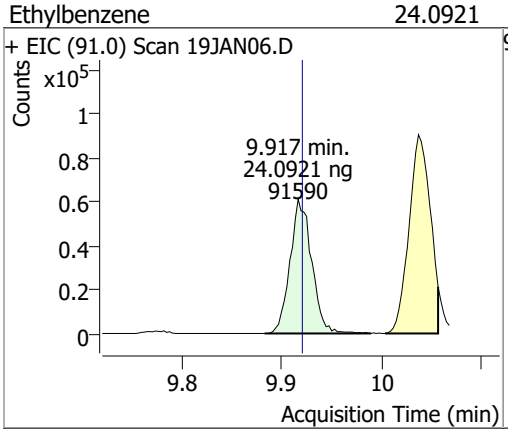
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	24.2998	9.89	0.00	19516	133.0	95.4	65.3	125.3

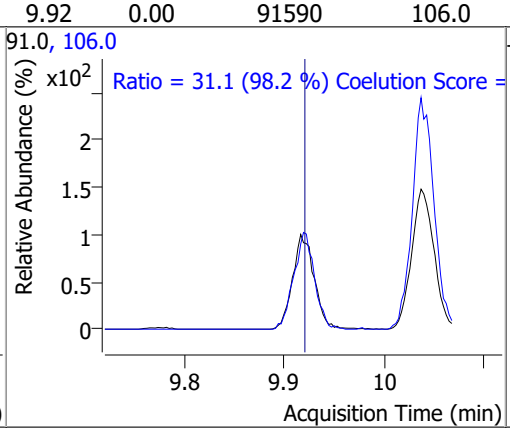


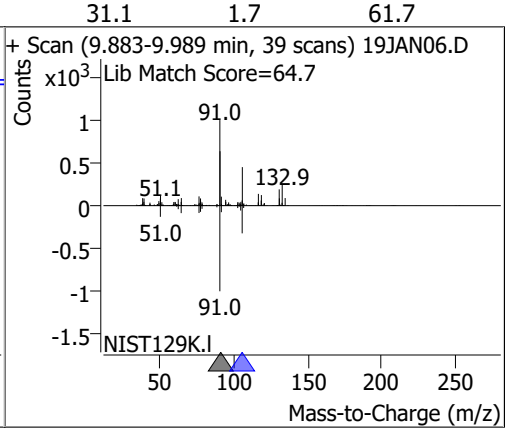




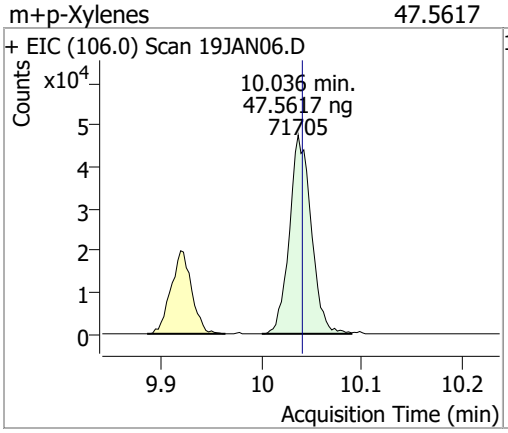
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	24.0921	9.92	0.00	91590	106.0	31.1	1.7	61.7

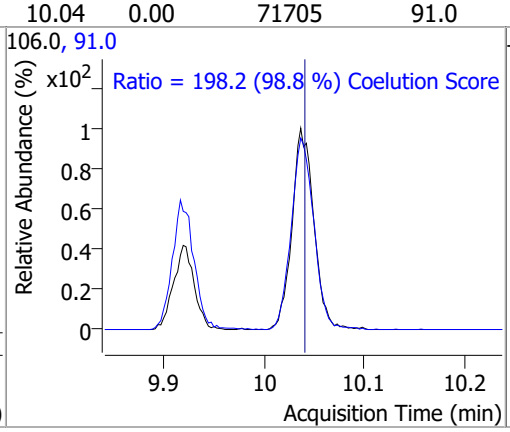


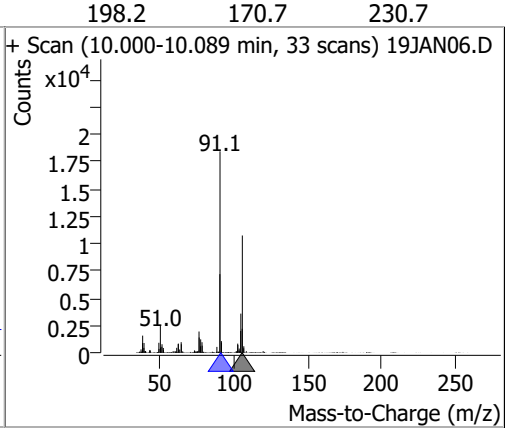




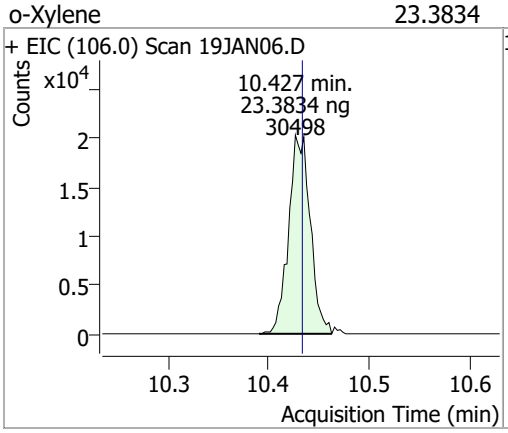
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	47.5617	10.04	0.00	71705	91.0	198.2	170.7	230.7

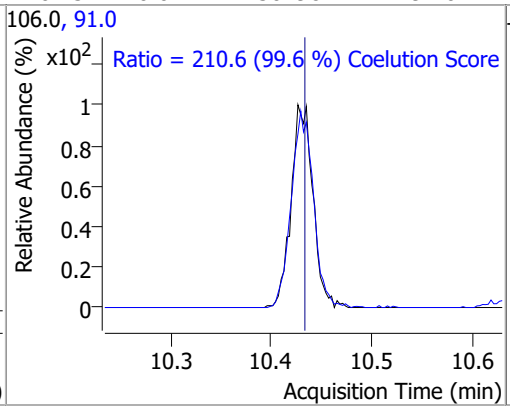


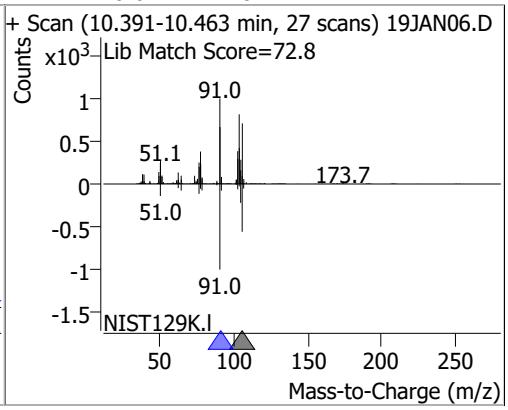




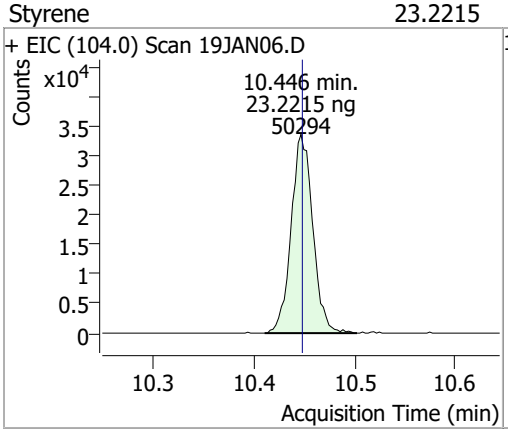
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	23.3834	10.43	-0.01	30498	91.0	210.6	181.4	241.4

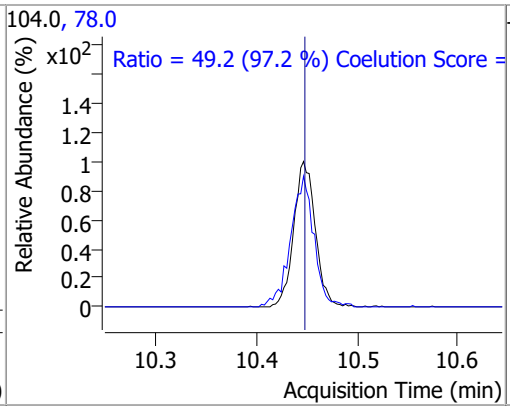


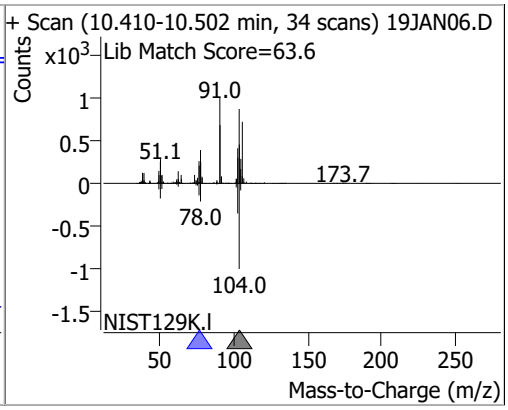




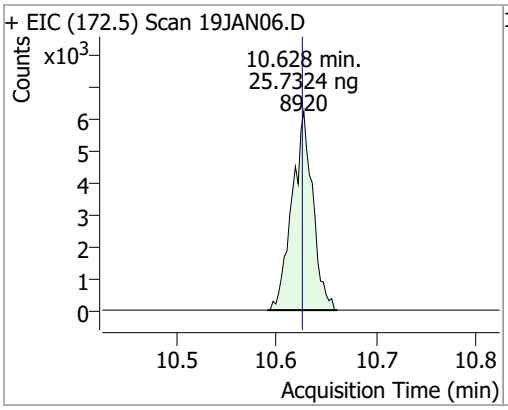
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	23.2215	10.45	0.00	50294	78.0	49.2	20.6	80.6

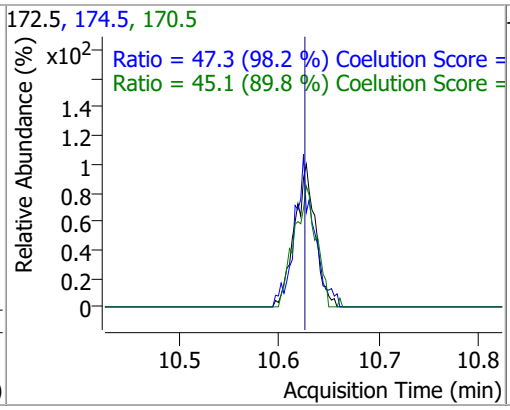


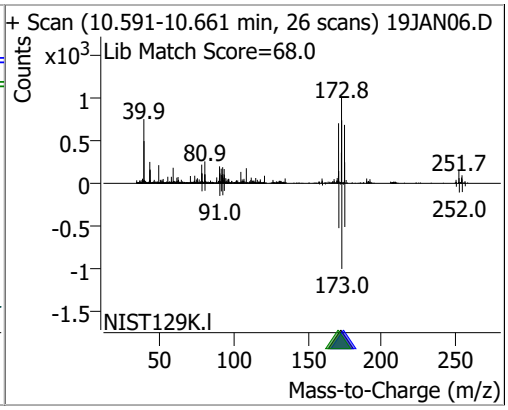




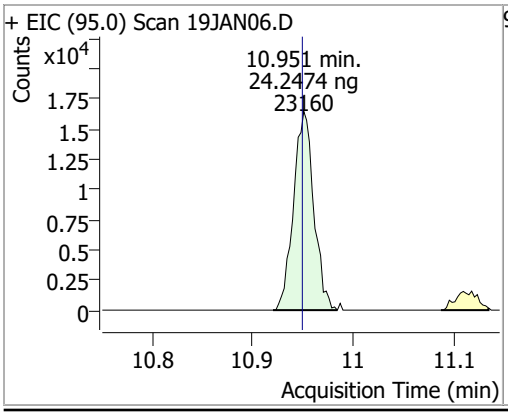
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	25.7324	10.63	0.00	8920	170.5	45.1	20.3	80.3
					174.5	47.3	18.1	78.1

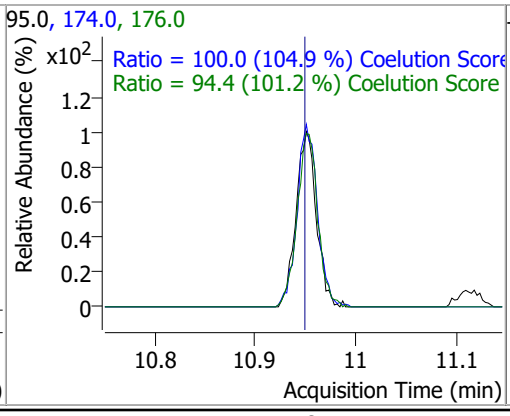


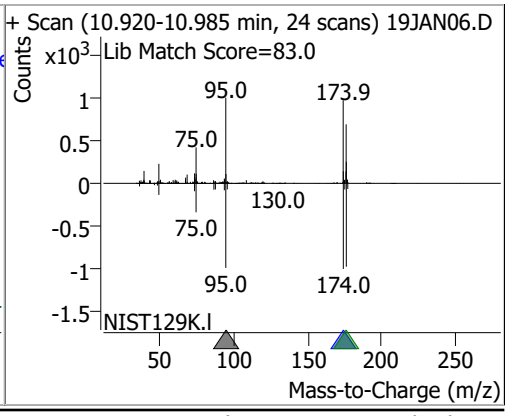




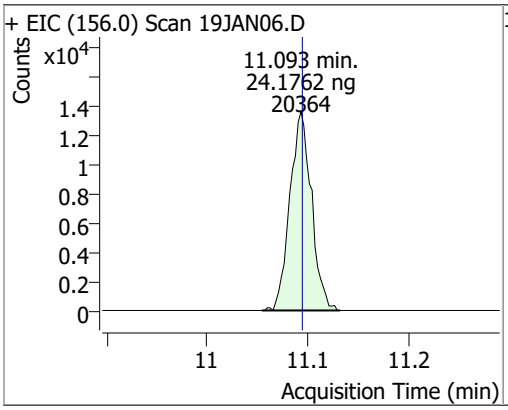
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	24.2474	10.95	0.00	23160	174.0	100.0	65.3	125.3
					176.0	94.4	63.3	123.3

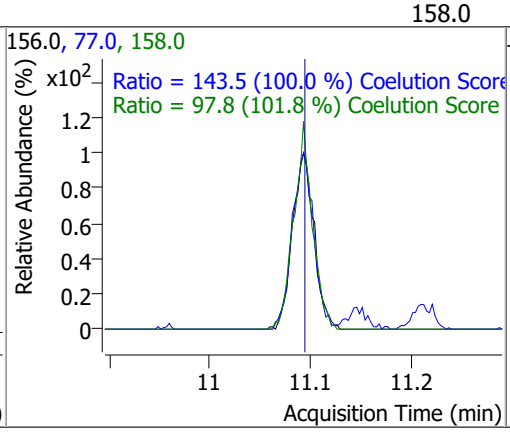


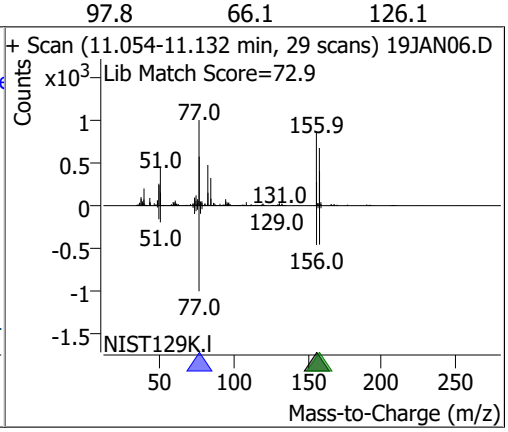




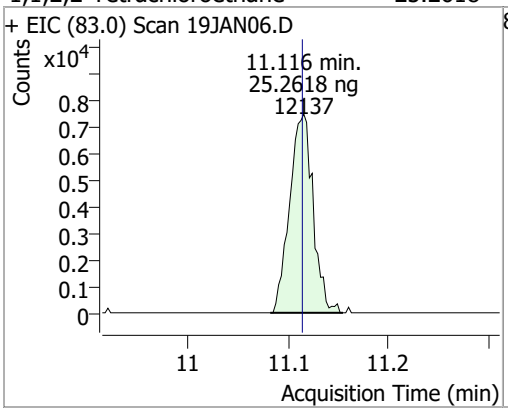
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	24.1762	11.09	0.00	20364	77.0	143.5	113.5	173.5
					158.0	97.8	66.1	126.1

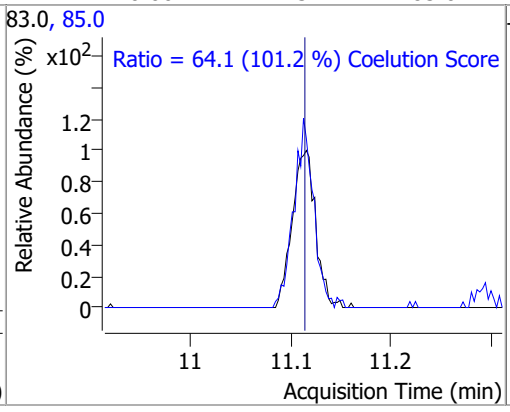


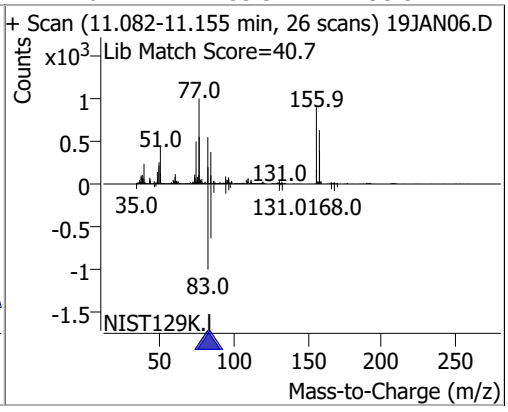




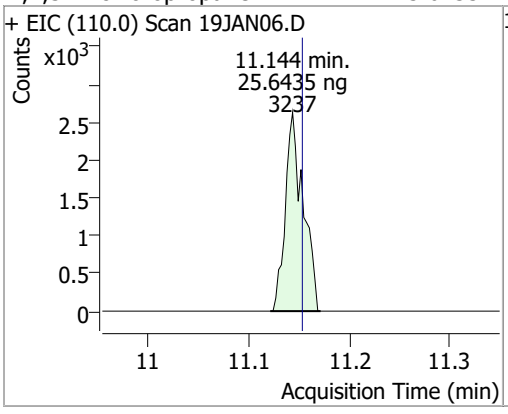
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	25.2618	11.12	0.00	12137	85.0	64.1	33.3	93.3

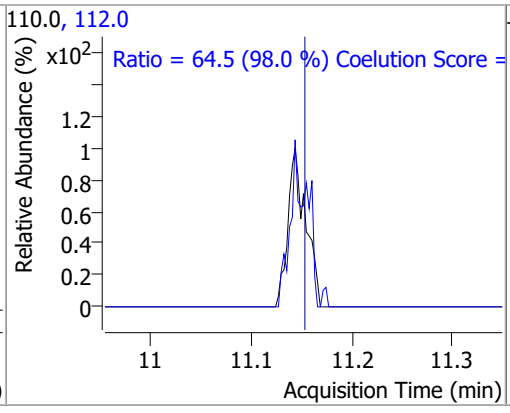


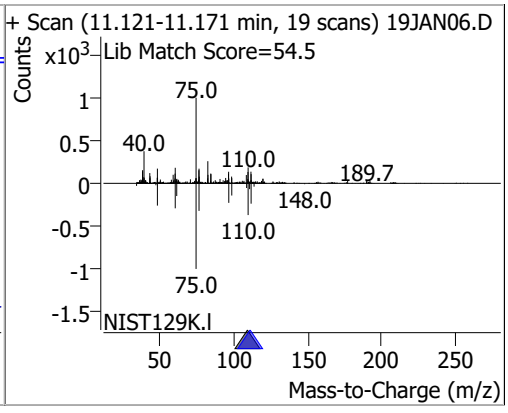




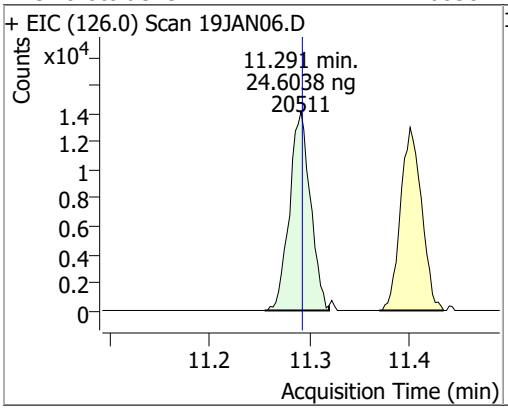
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	25.6435	11.14	-0.01	3237	112.0	64.5	35.8	95.8

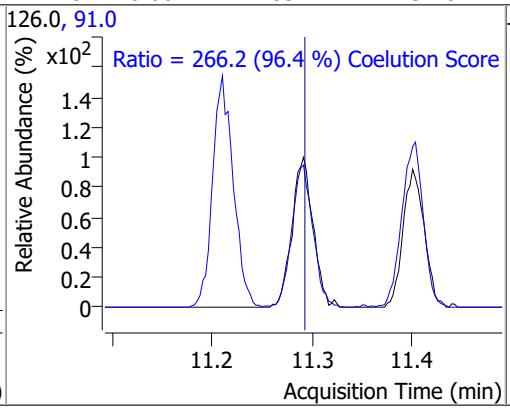


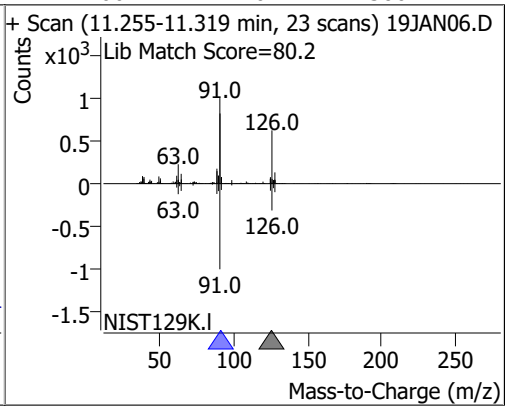




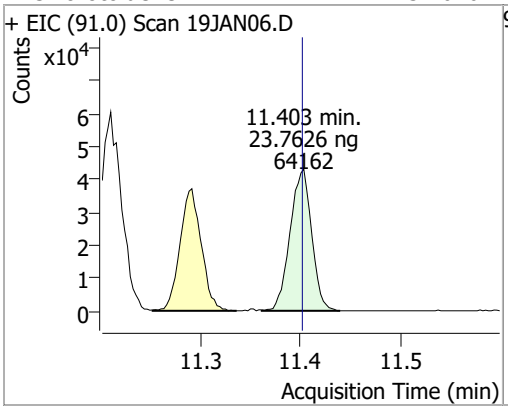
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	24.6038	11.29	0.00	20511	91.0	266.2	246.2	306.2

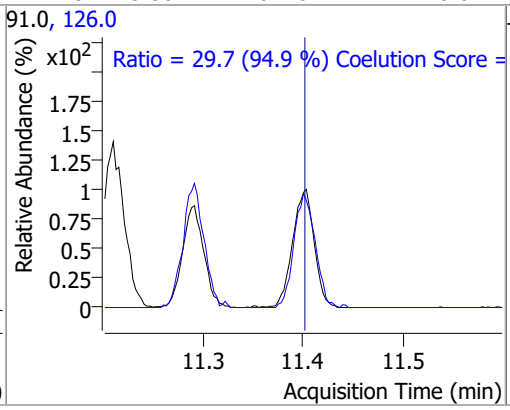


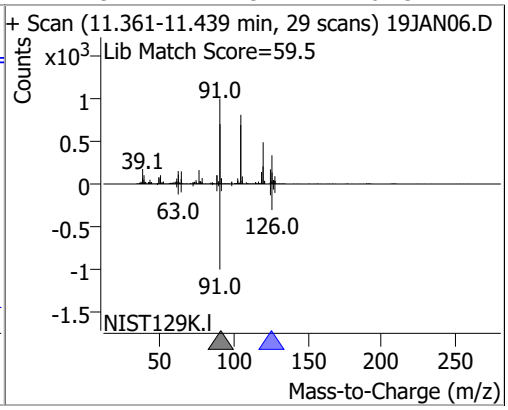




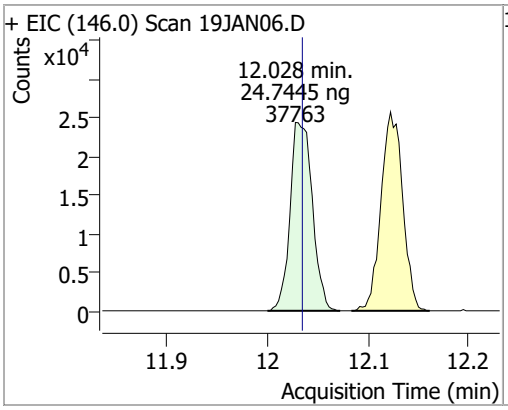
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	23.7626	11.40	0.00	64162	126.0	29.7	1.3	61.3

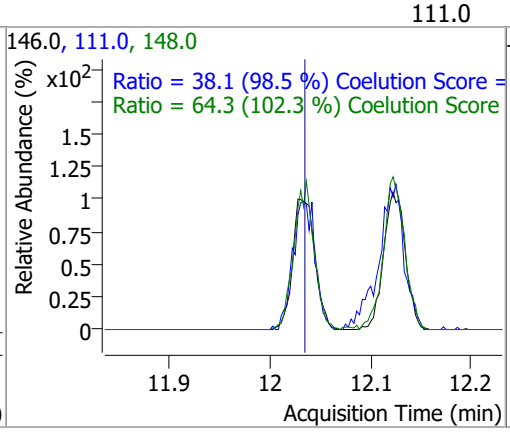


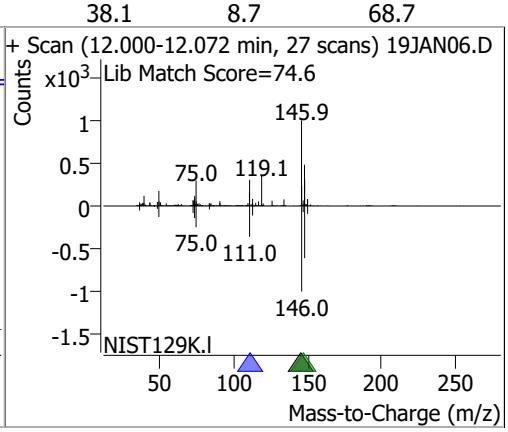




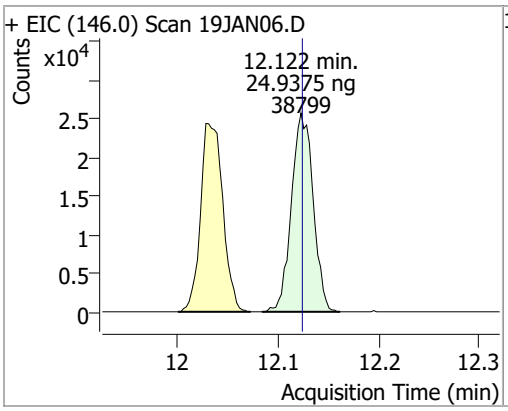
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	24.7445	12.03	-0.01	37763	148.0	64.3	32.8	92.8
					111.0	38.1	8.7	68.7

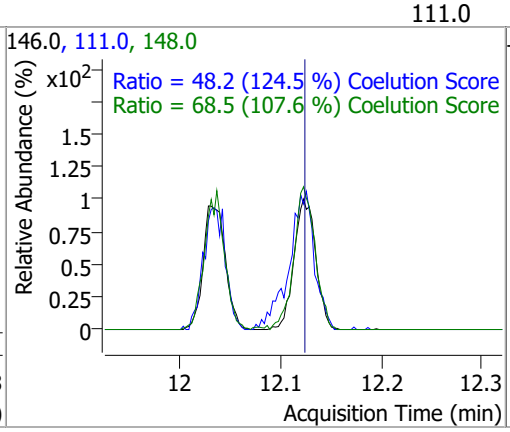


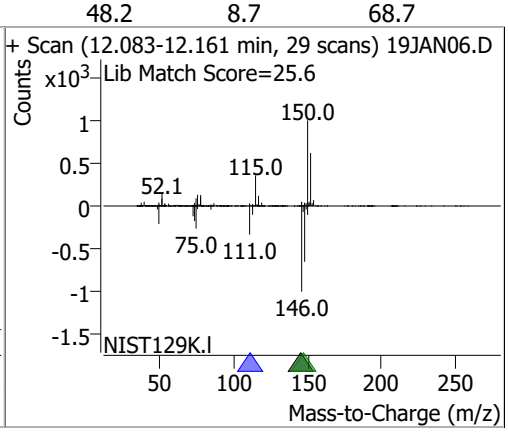




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	24.9375	12.12	0.00	38799	148.0	68.5	33.7	93.7
					111.0	48.2	8.7	68.7

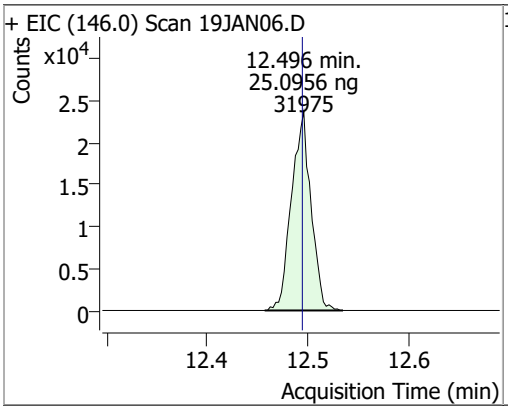


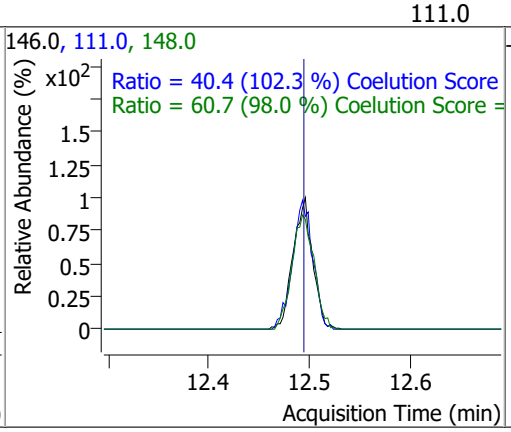


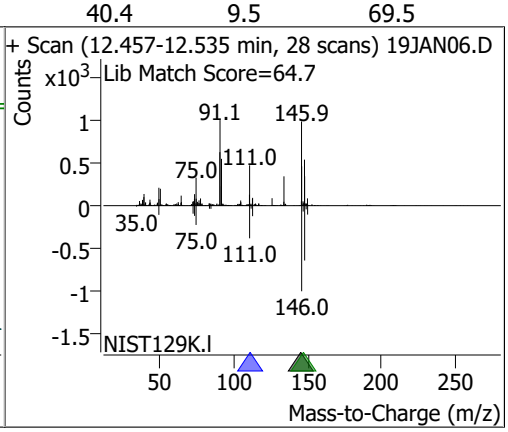


Quantitation Results Report (QT Reviewed)

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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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
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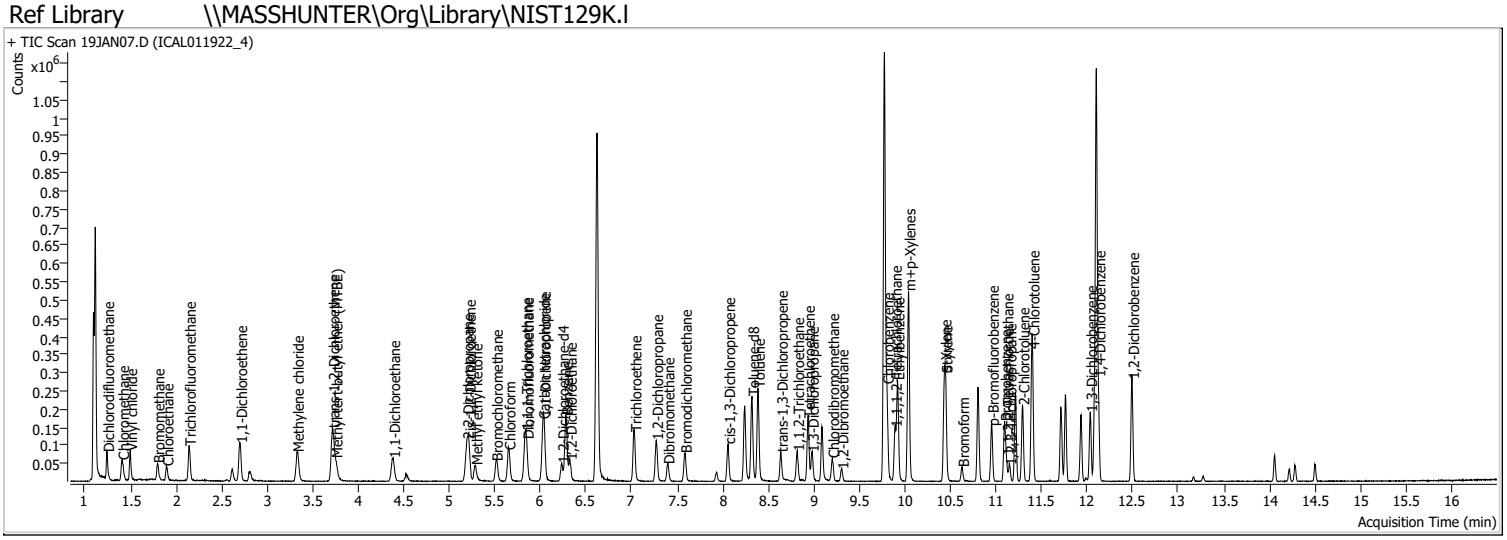
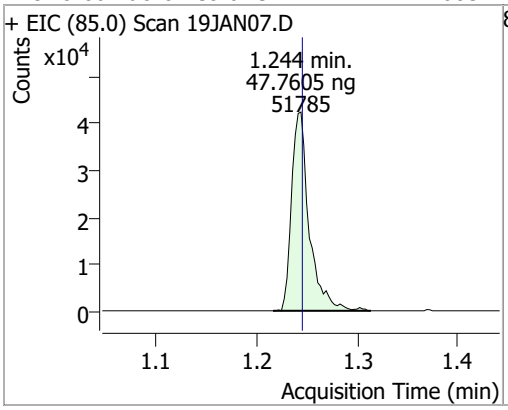


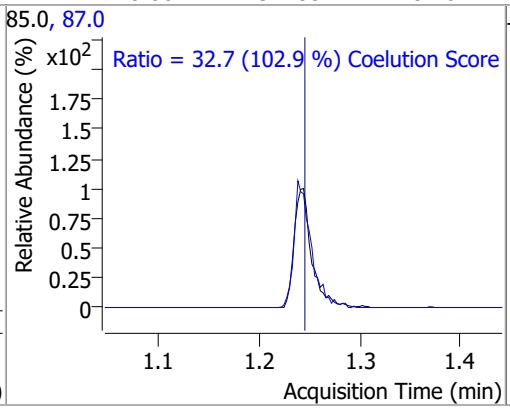
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	806368	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	318877	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	262955	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	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

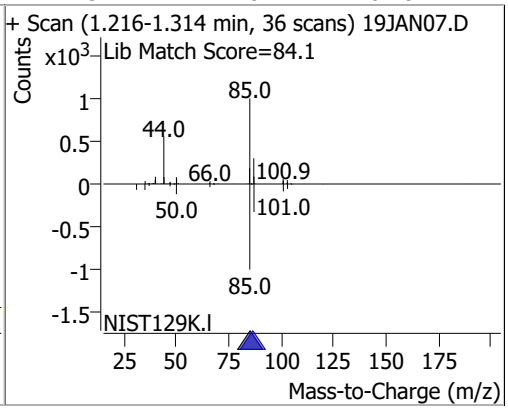
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	69594	48.1944	ng	98
T Carbon tetrachloride	6.026	117.0	66332	47.3626	ng	98
T 1,1-Dichloropropene	6.038	75.0	52282	44.6484	ng	99
T Benzene	6.277	78.0	149512	46.4135	ng	99
T 1,2-Dichloroethane	6.322	62.0	43538	48.9336	ng	96
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

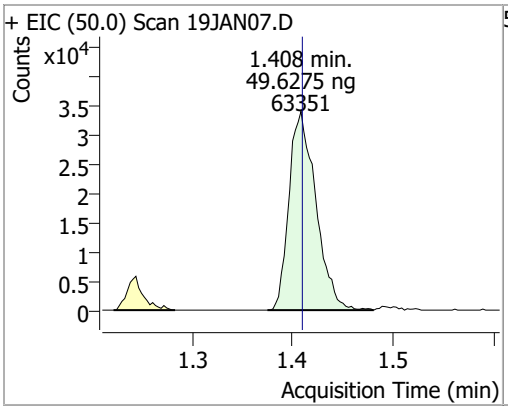
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	47.7605	1.24	0.00	51785	87.0	32.7	1.8	61.8

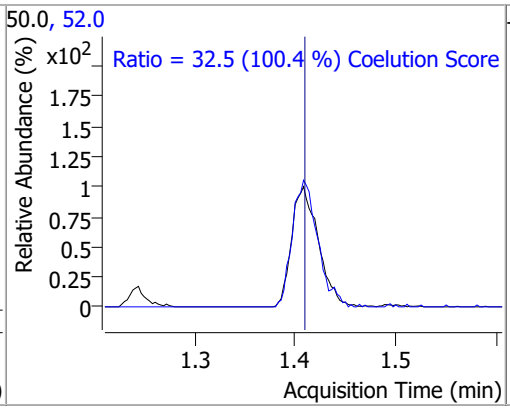


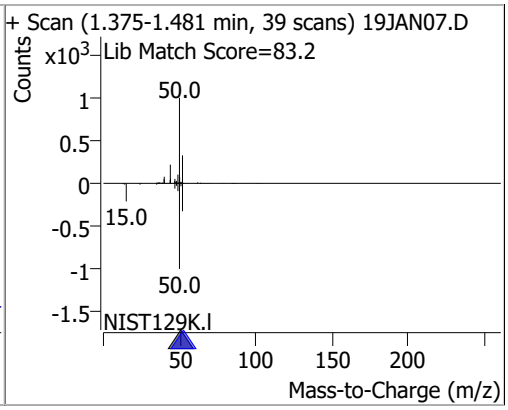




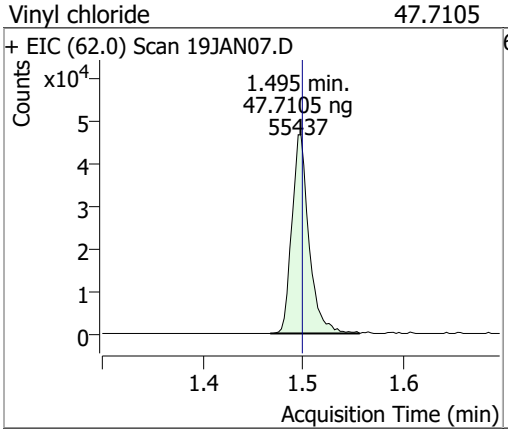
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	49.6275	1.41	0.00	63351	52.0	32.5	2.4	62.4

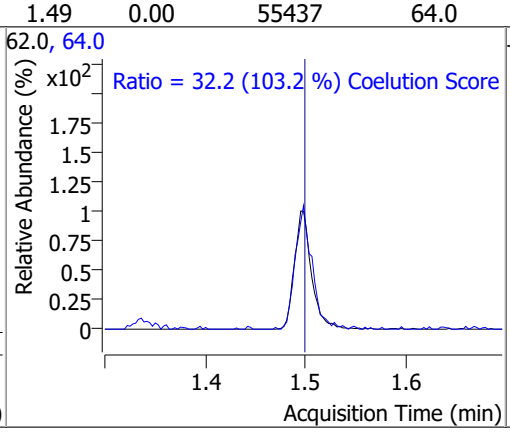


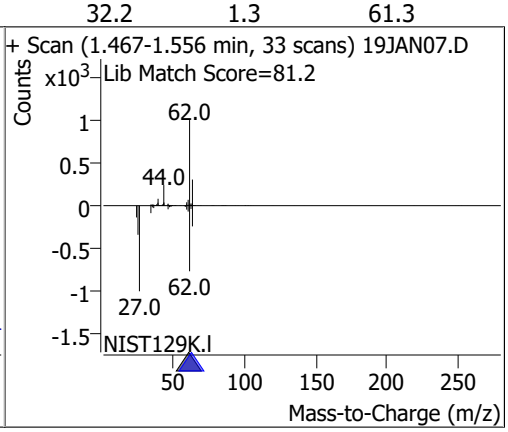




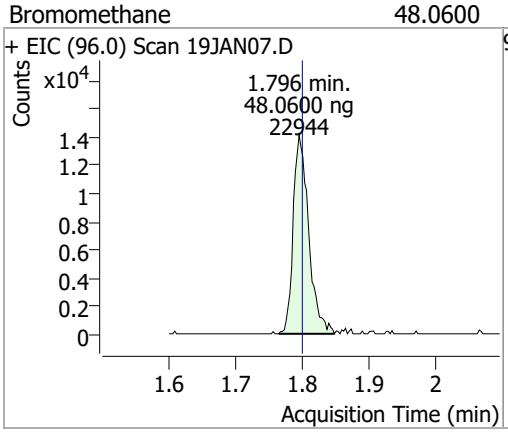
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	47.7105	1.49	0.00	55437	64.0	32.2	1.3	61.3

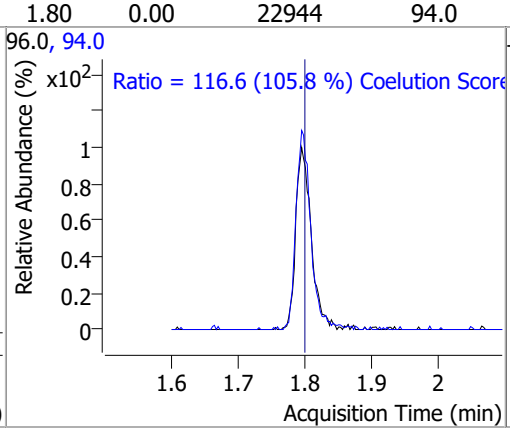


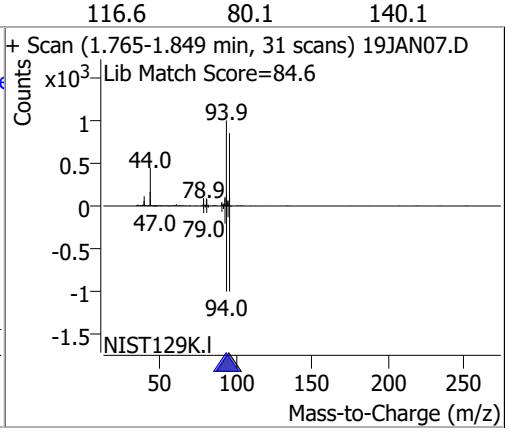




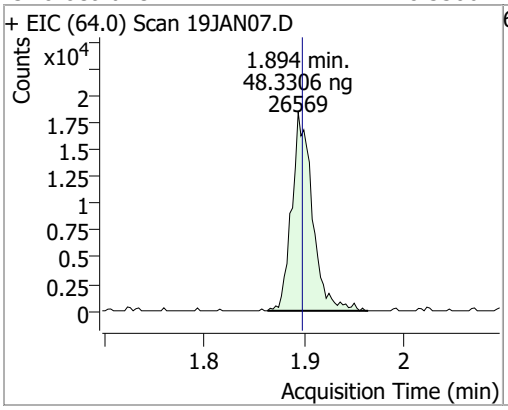
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	48.0600	1.80	0.00	22944	94.0	116.6	80.1	140.1

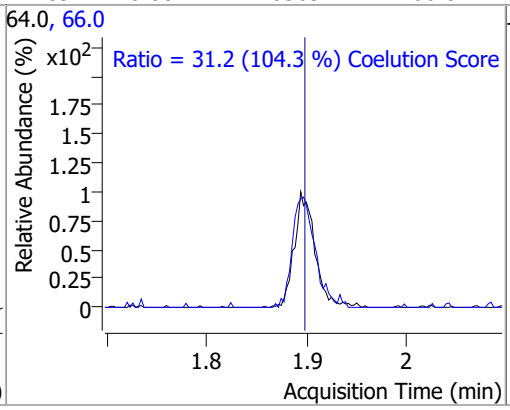


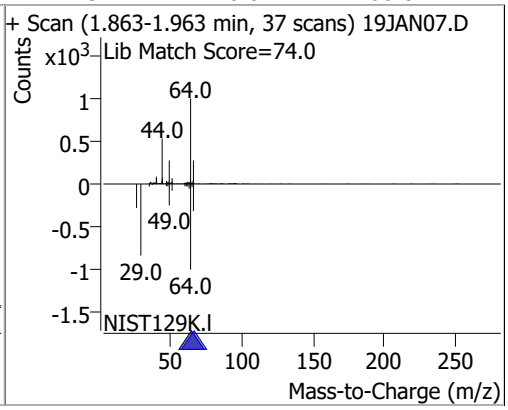




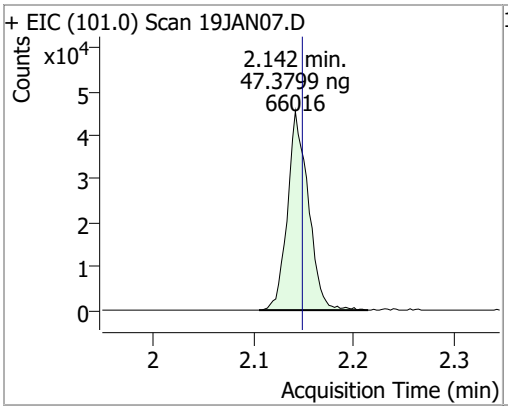
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	48.3306	1.89	0.00	26569	66.0	31.2	0.0	60.0

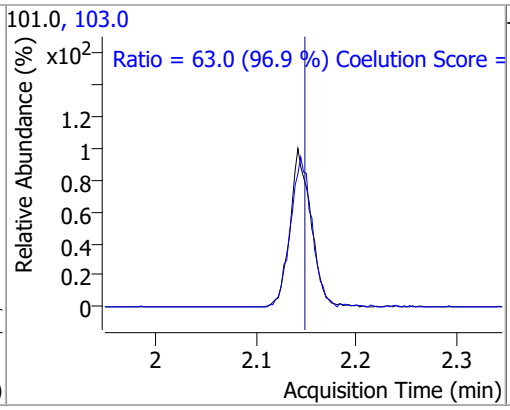


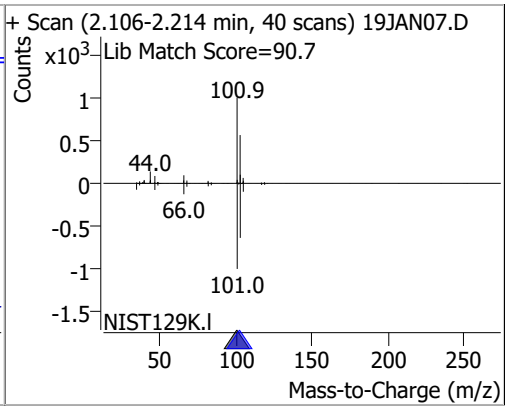




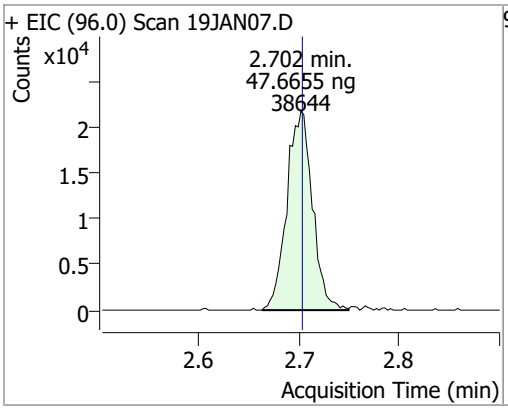
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	47.3799	2.14	-0.01	66016	103.0	63.0	35.0	95.0

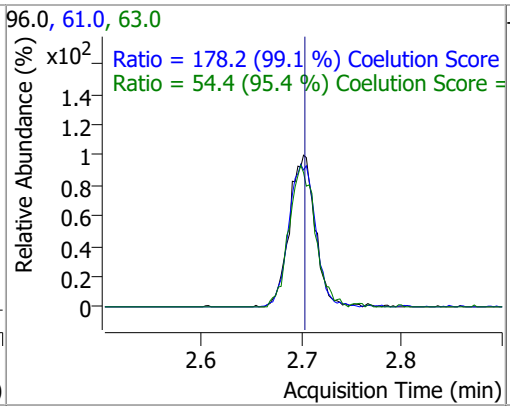


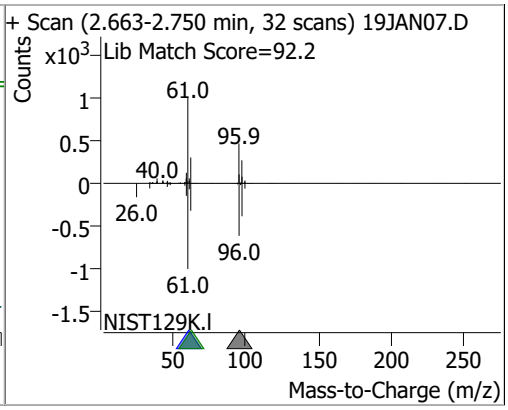




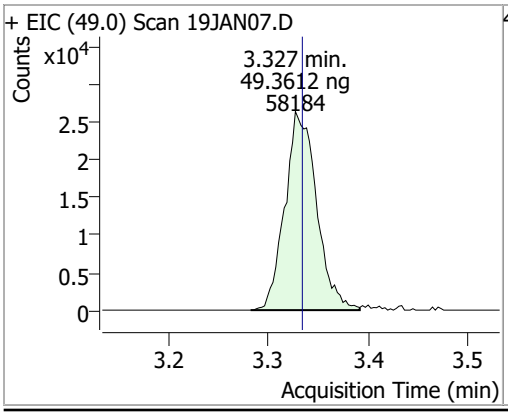
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	47.6655	2.70	0.00	38644	61.0	178.2	149.9	209.9
					63.0	54.4	27.0	87.0

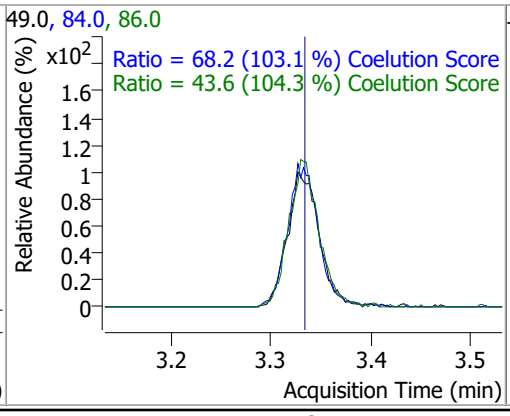


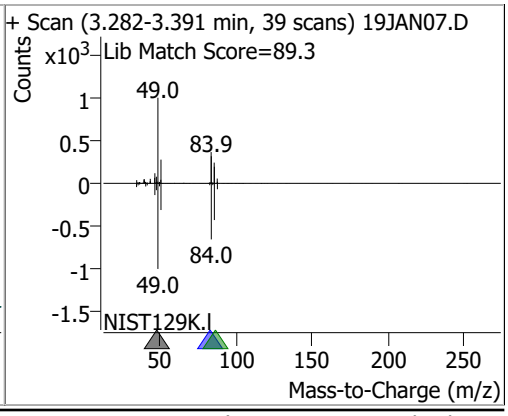




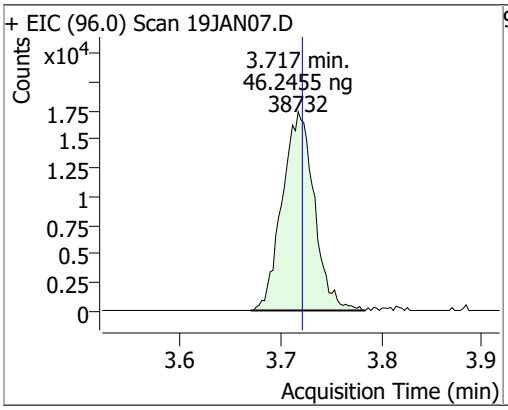
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	49.3612	3.33	-0.01	58184	84.0	68.2	36.1	96.1
					86.0	43.6	11.8	71.8

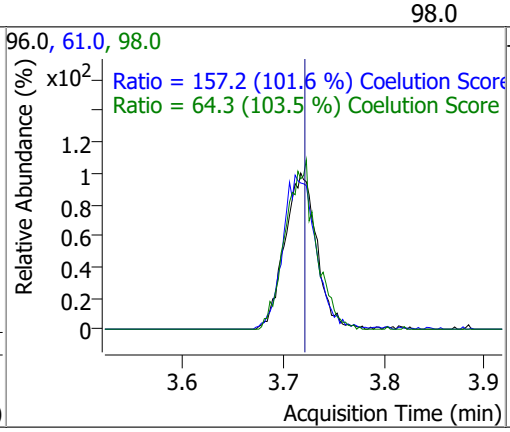


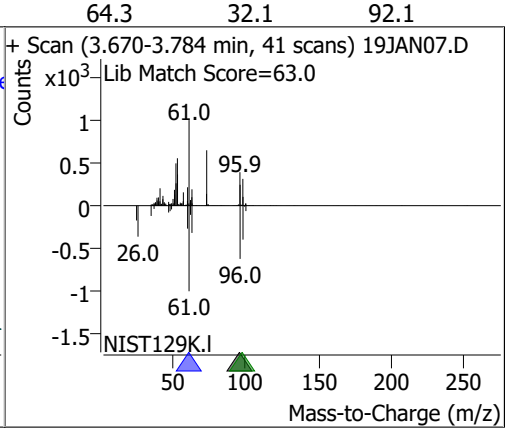




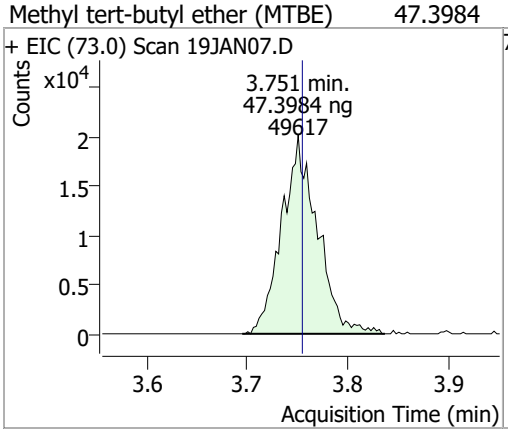
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	46.2455	3.72	0.00	38732	61.0	157.2	124.8	184.8
					98.0	64.3	32.1	92.1

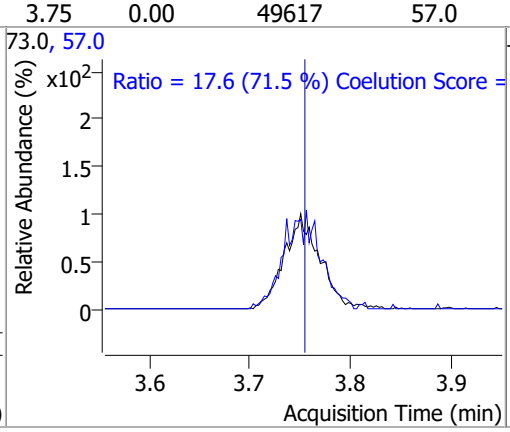


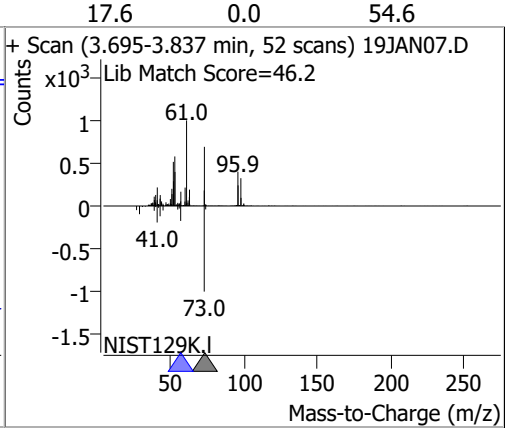




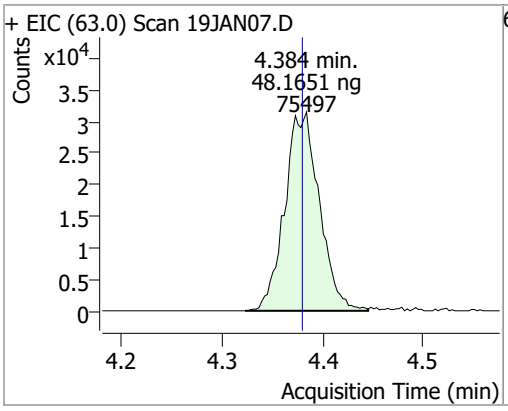
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	47.3984	3.75	0.00	49617	57.0	17.6	0.0	54.6

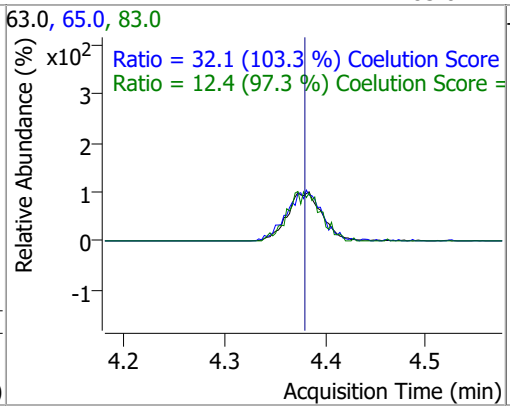


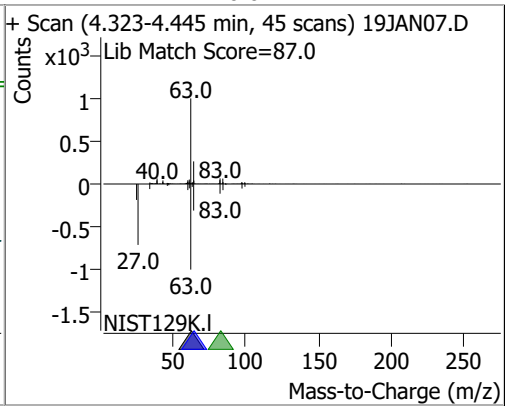




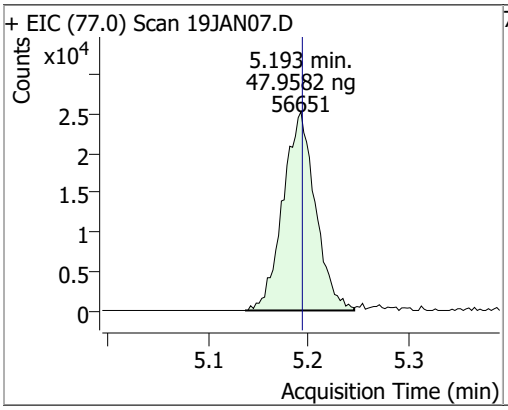
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	48.1651	4.38	0.01	75497	65.0	32.1	1.0	61.0
					83.0	12.4	0.0	42.7

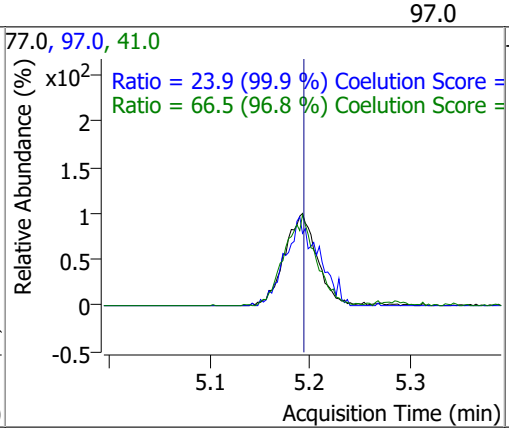


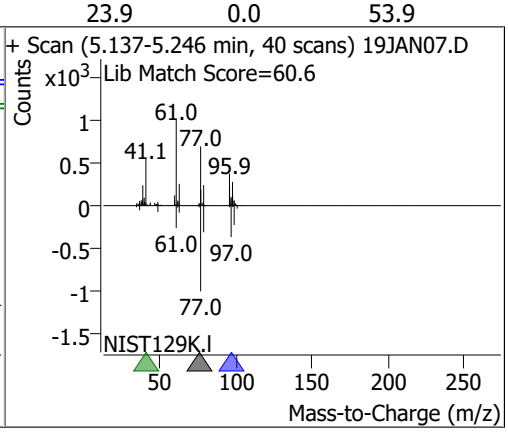




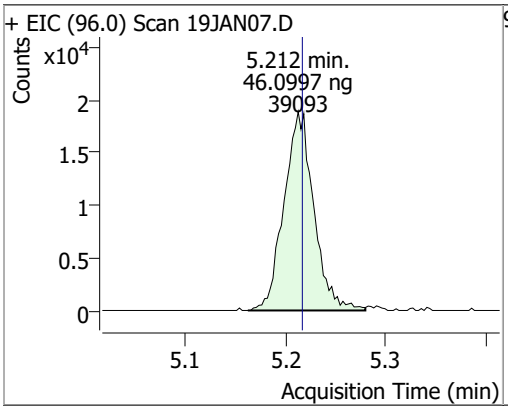
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	47.9582	5.19	0.00	56651	41.0	66.5	38.8	98.8
					97.0	23.9	0.0	53.9

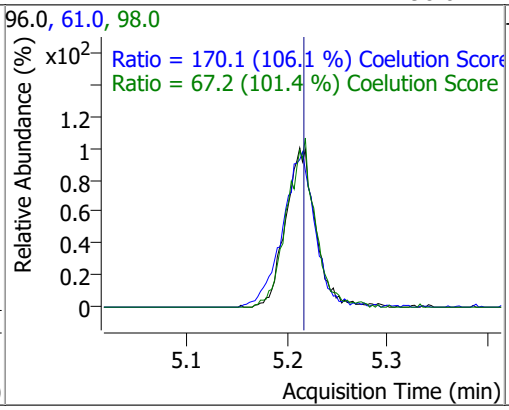


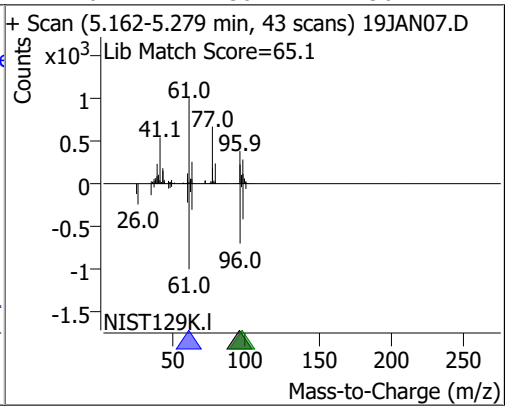




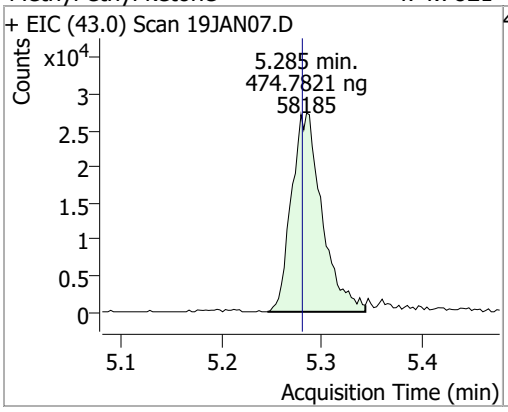
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	46.0997	5.21	0.00	39093	61.0	170.1	130.4	190.4
					98.0	67.2	36.2	96.2

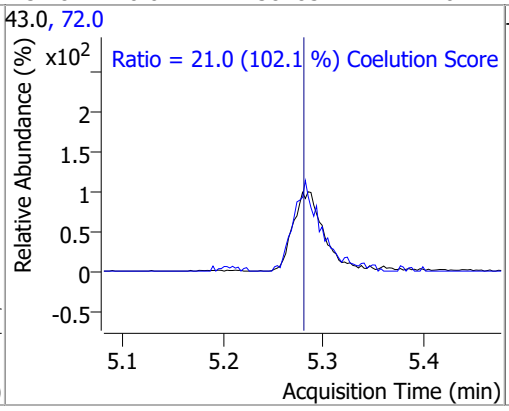


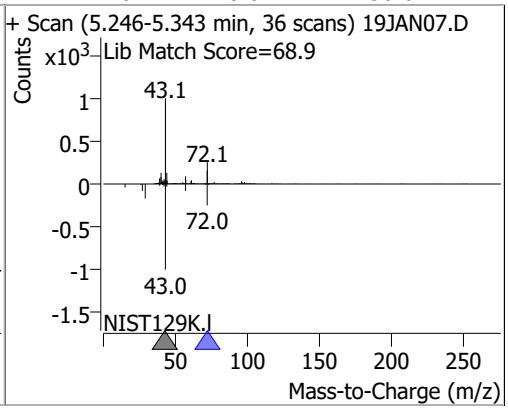




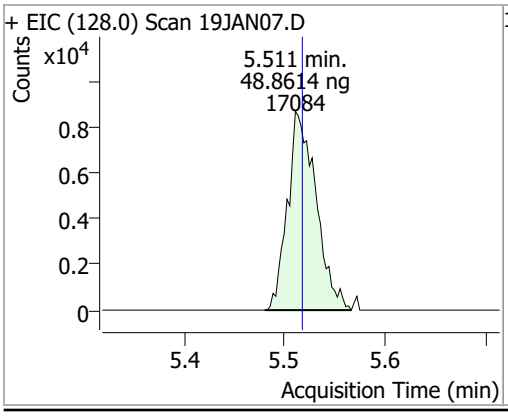
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	474.7821	5.28	0.01	58185	72.0	21.0	0.0	50.6

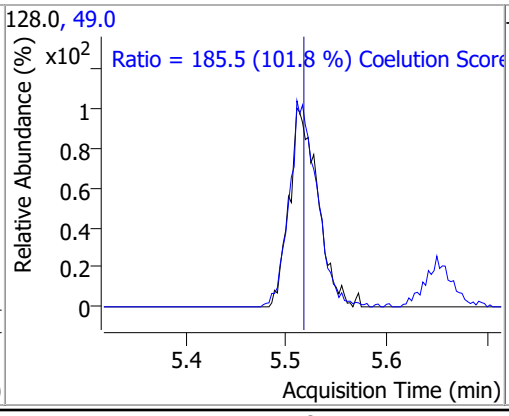


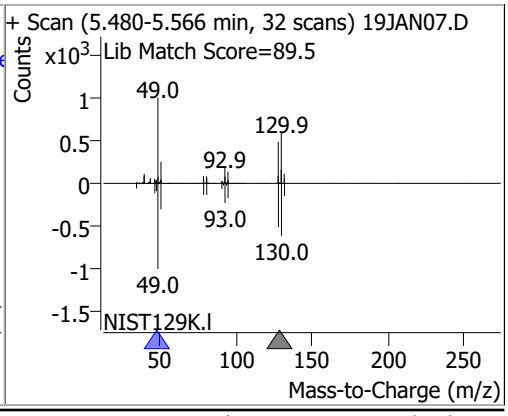




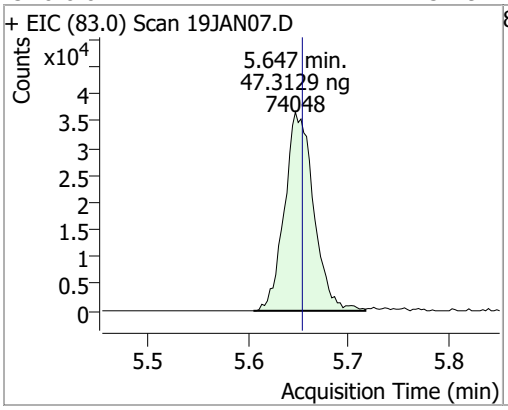
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	48.8614	5.51	-0.01	17084	49.0	185.5	152.2	212.2

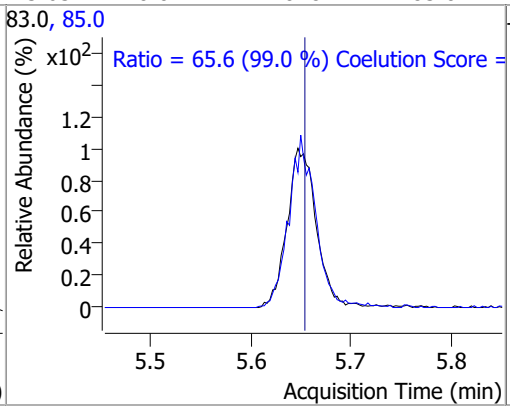


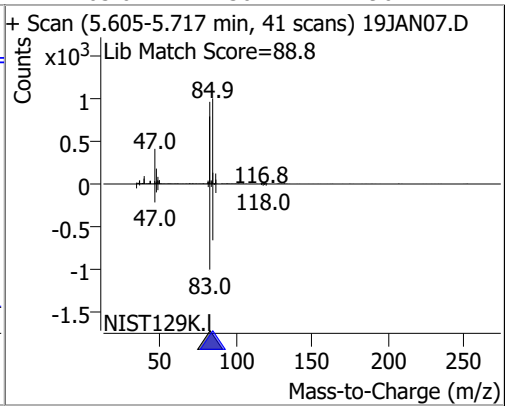




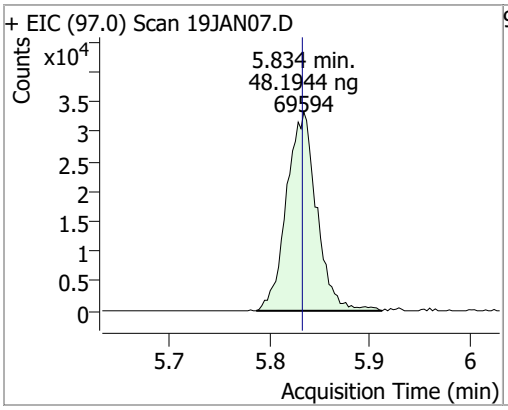
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	47.3129	5.65	-0.01	74048	85.0	65.6	36.2	96.2

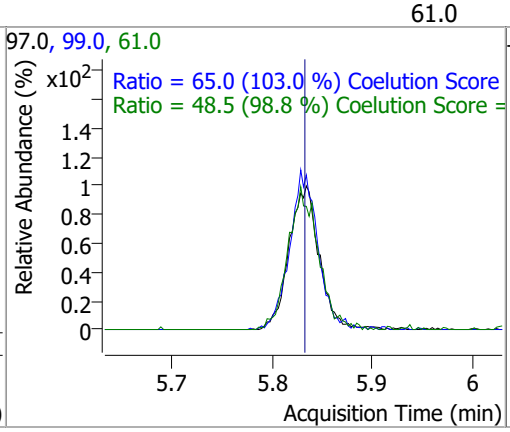


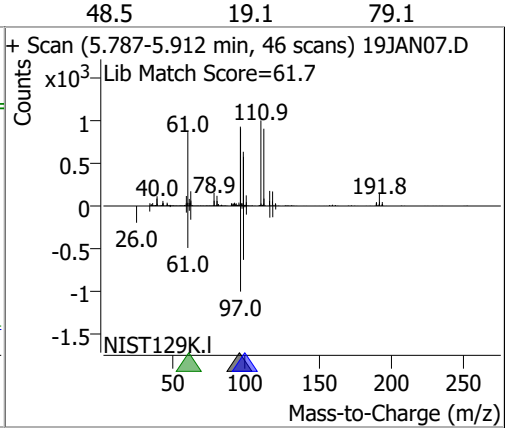




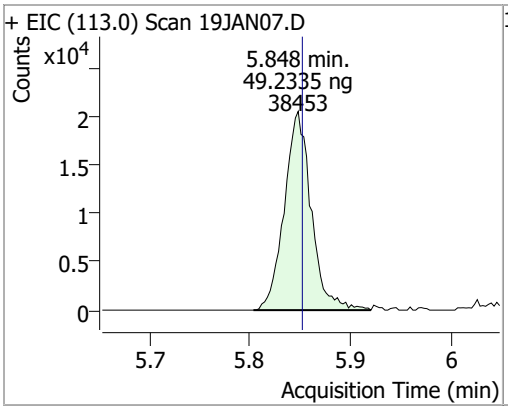
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	48.1944	5.83	0.00	69594	99.0	65.0	33.1	93.1
					61.0	48.5	19.1	79.1

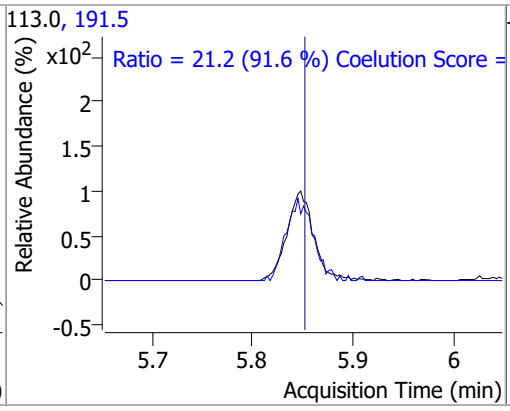


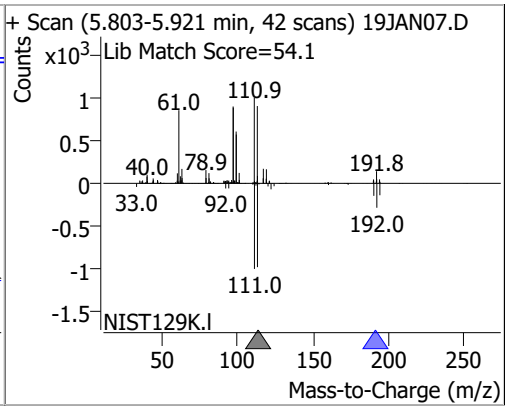




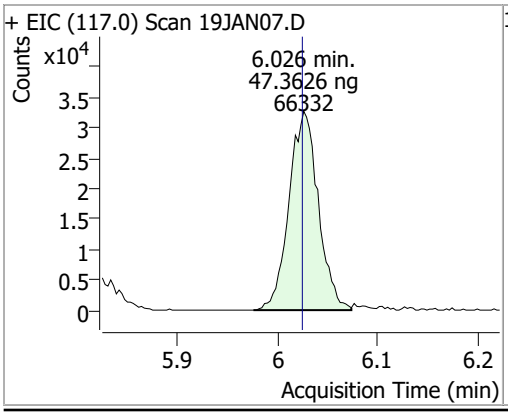
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	49.2335	5.85	0.00	38453	191.5	21.2	0.0	53.2

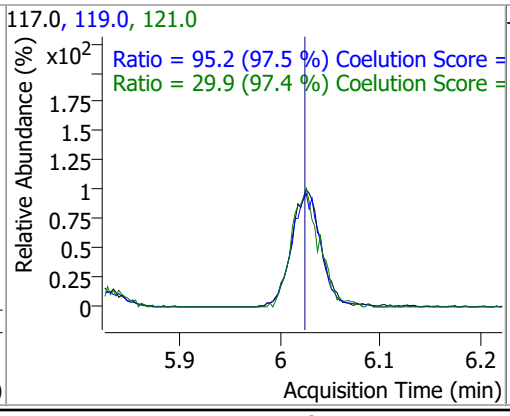


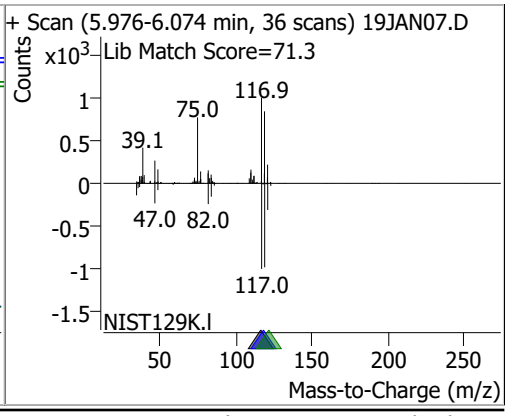




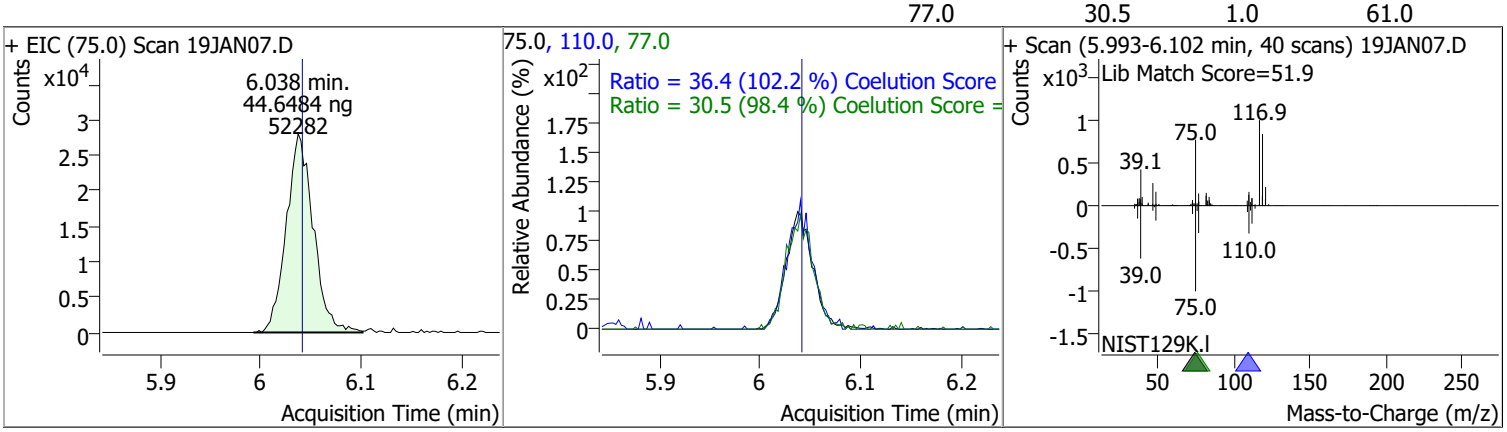
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	47.3626	6.03	0.00	66332	119.0	95.2	67.6	127.6
					121.0	29.9	0.7	60.7



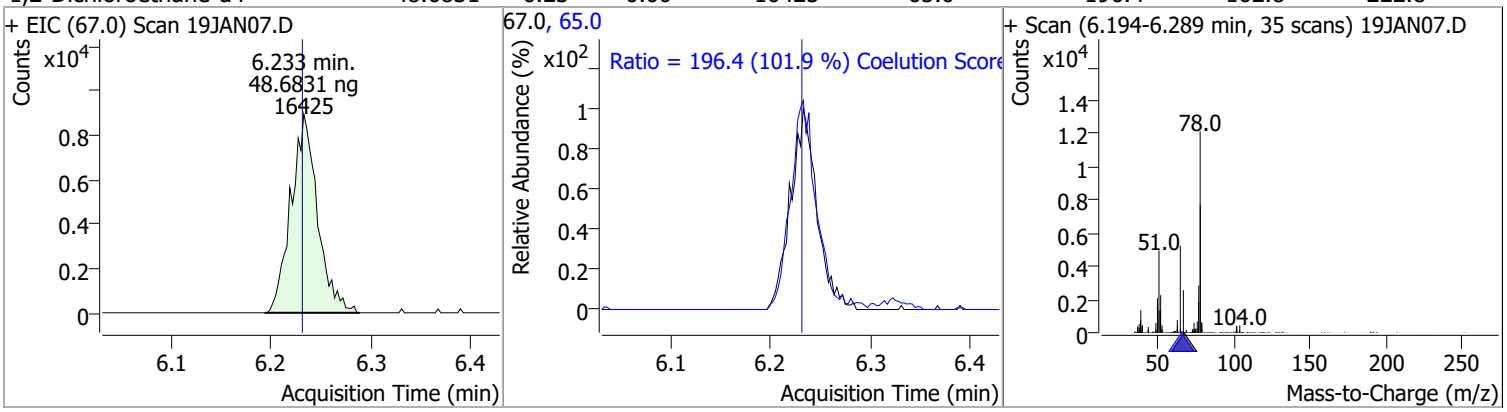




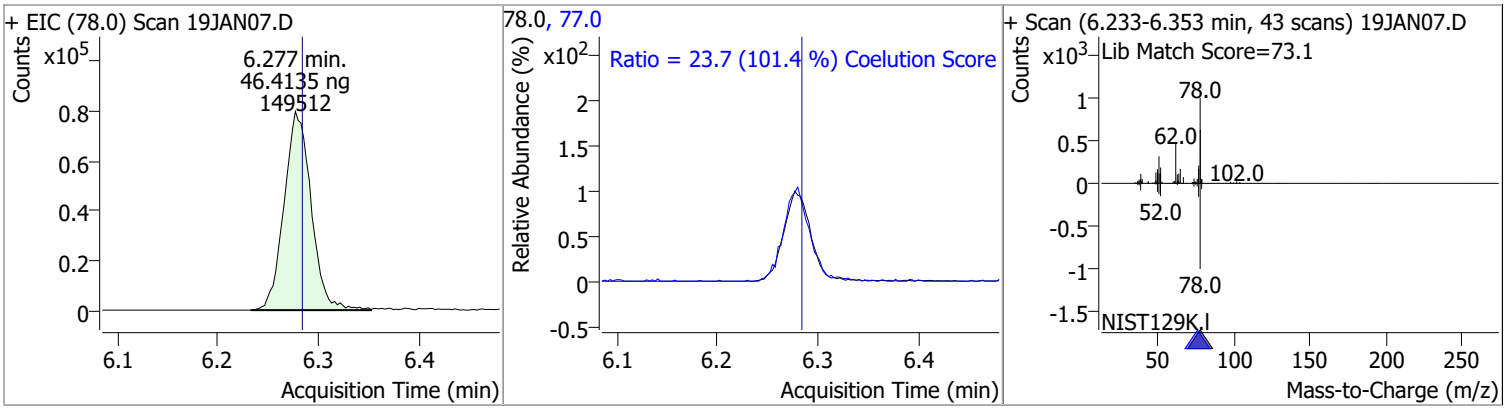
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	44.6484	6.04	0.00	52282	110.0	36.4	5.6	65.6
					77.0	30.5	1.0	61.0



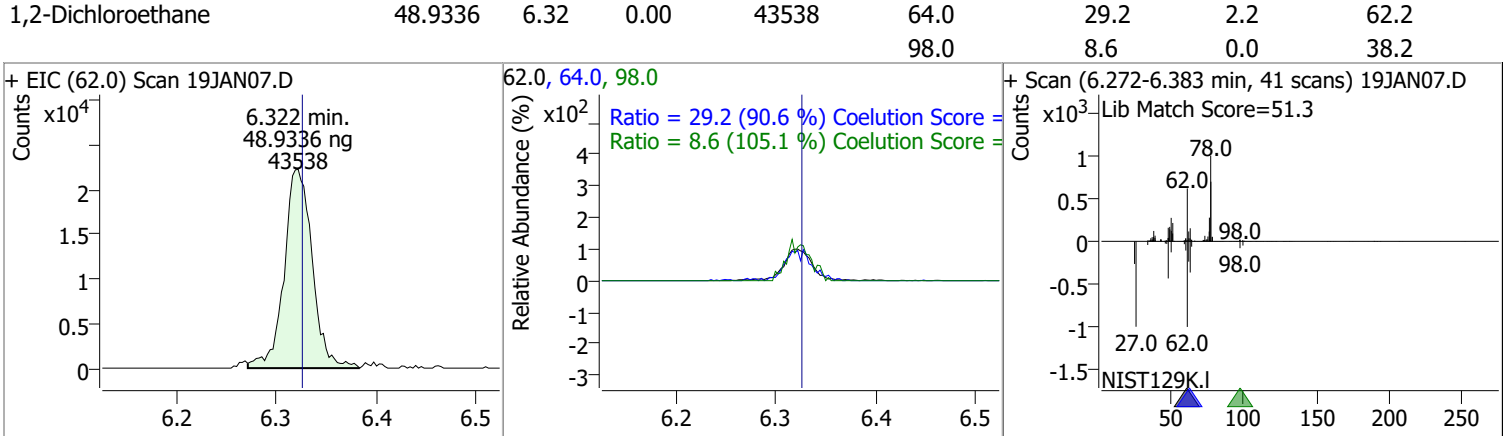
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	48.6831	6.23	0.00	16425	65.0	196.4	162.8	222.8



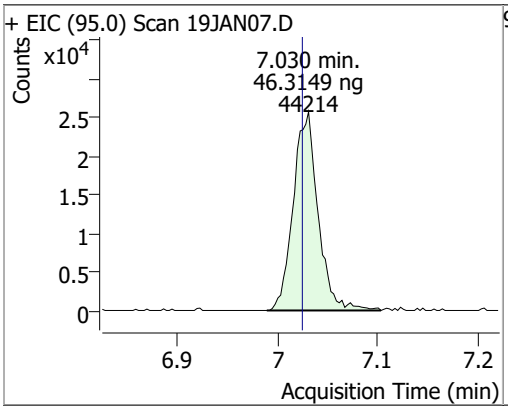
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	46.4135	6.28	-0.01	149512	77.0	23.7	0.0	53.3

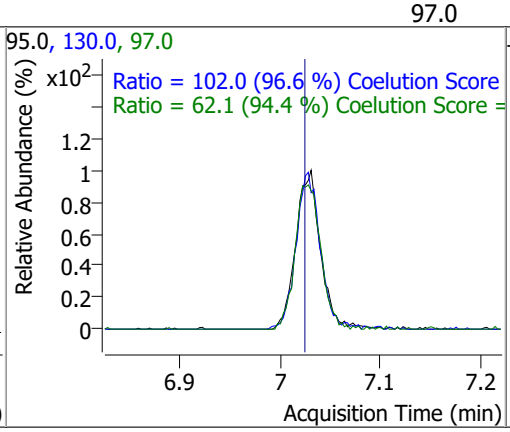


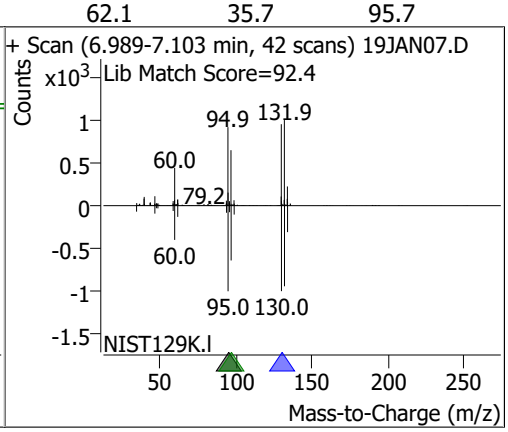
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	48.9336	6.32	0.00	43538	64.0	29.2	2.2	62.2
					98.0	8.6	0.0	38.2



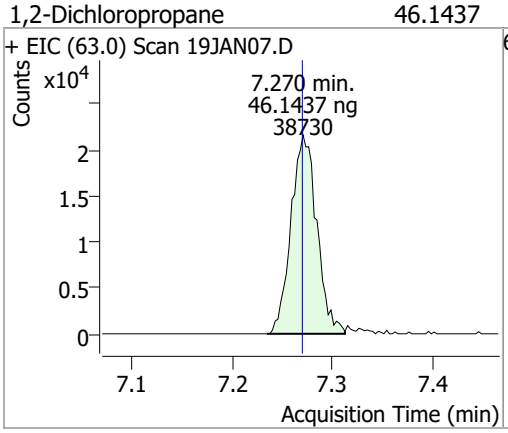
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	46.3149	7.03	0.01	44214	130.0	102.0	75.6	135.6
					97.0	62.1	35.7	95.7

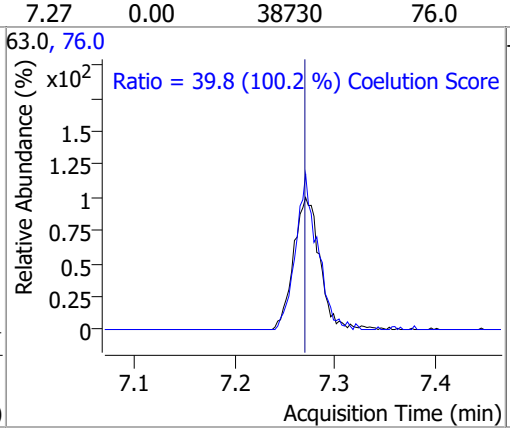


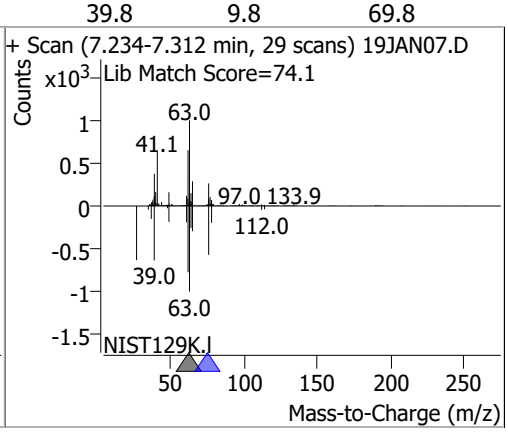




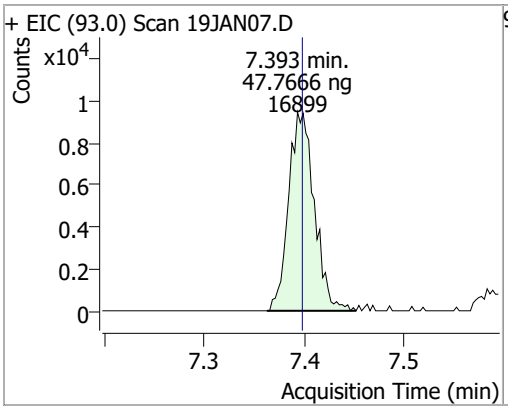
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	46.1437	7.27	0.00	38730	76.0	39.8	9.8	69.8

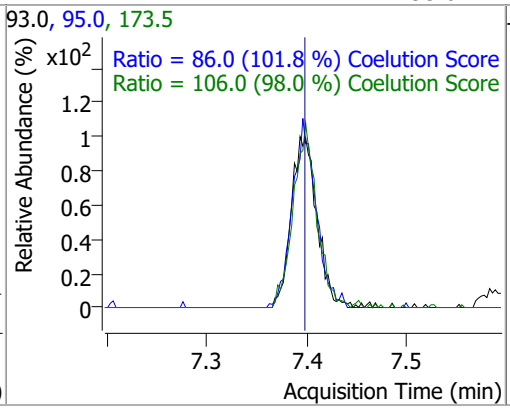


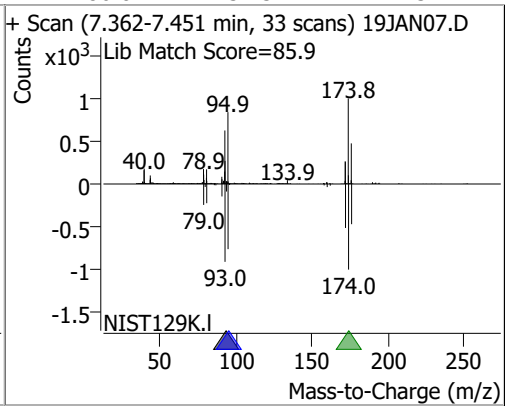




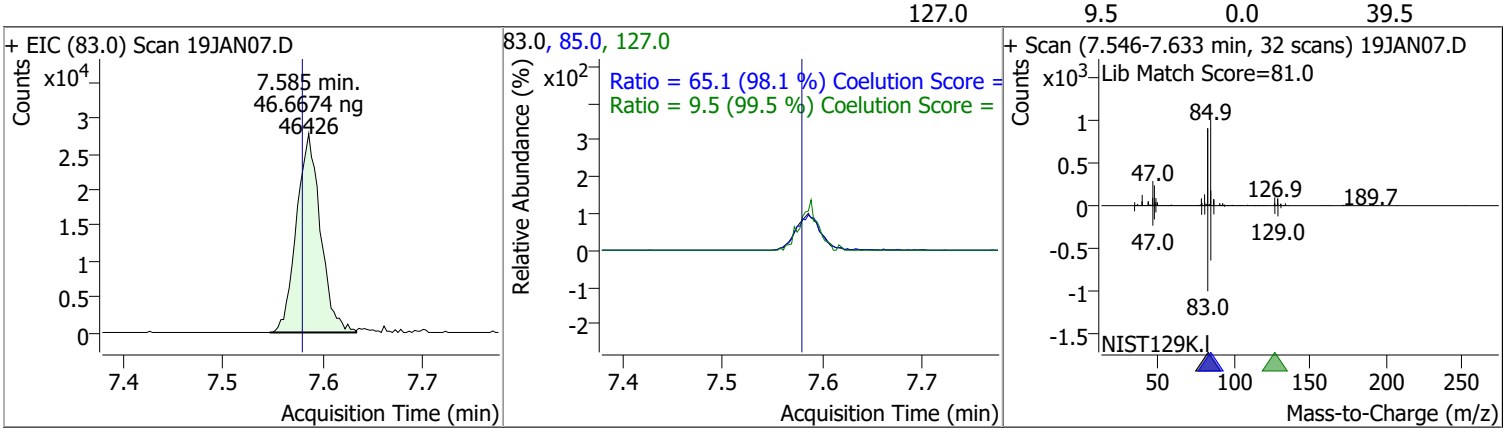
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	47.7666	7.39	-0.01	16899	173.5	106.0	78.2	138.2
					95.0	86.0	54.5	114.5



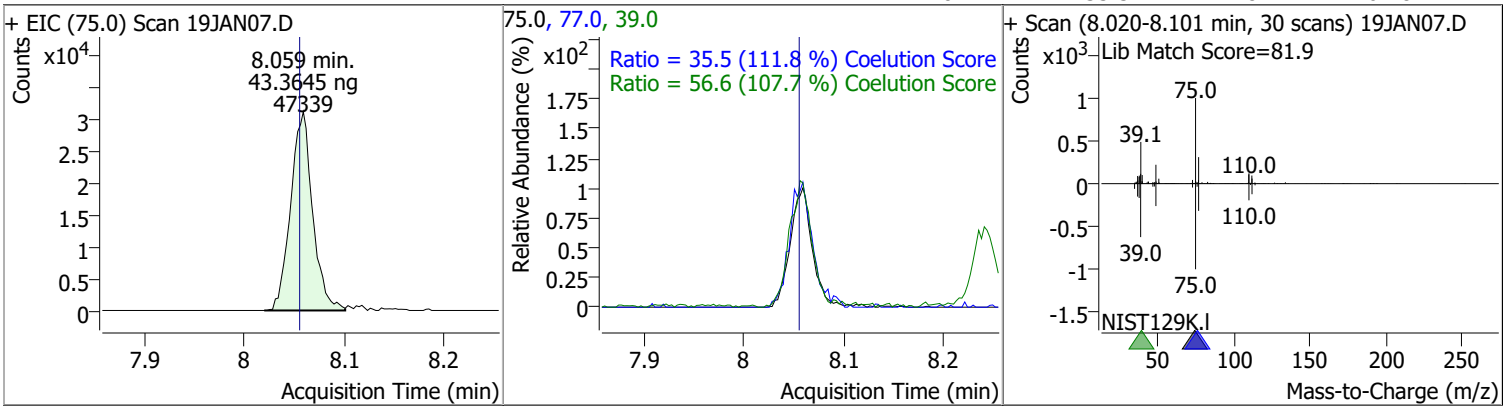




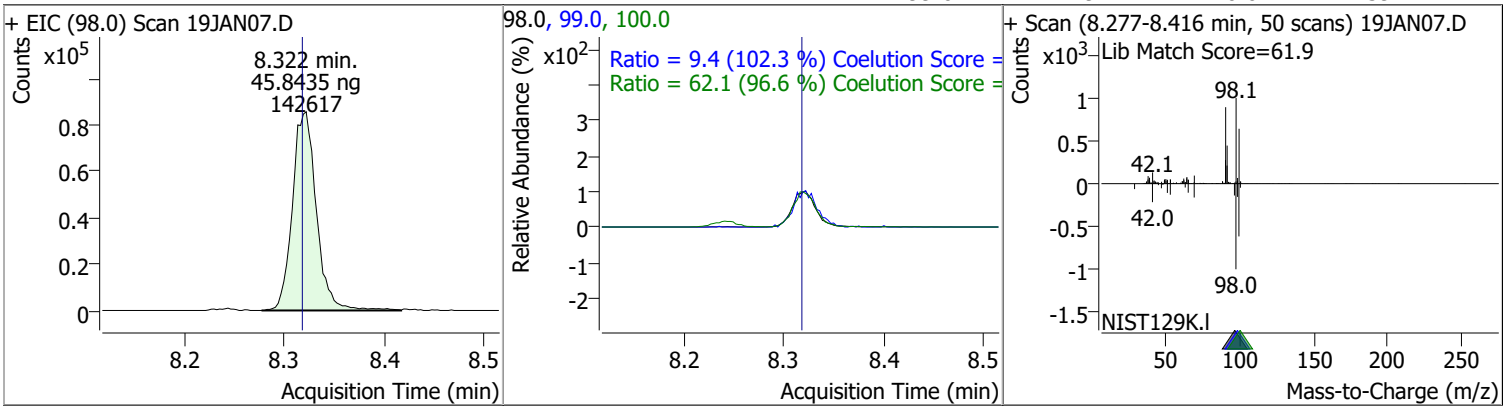
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	46.6674	7.59	0.01	46426	85.0	65.1	36.3	96.3
					127.0	9.5	0.0	39.5



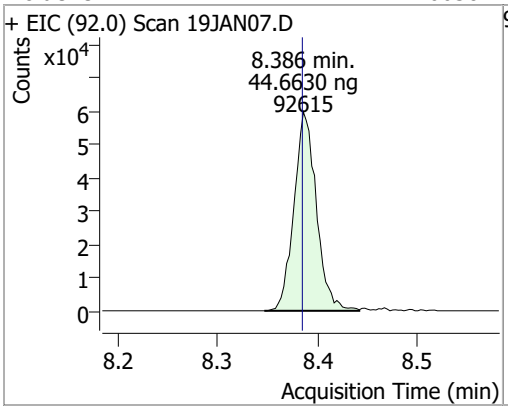
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	43.3645	8.06	0.00	47339	39.0	56.6	22.5	82.5
					77.0	35.5	1.8	61.8

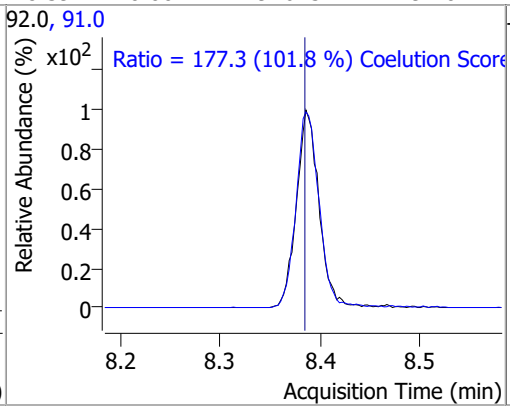


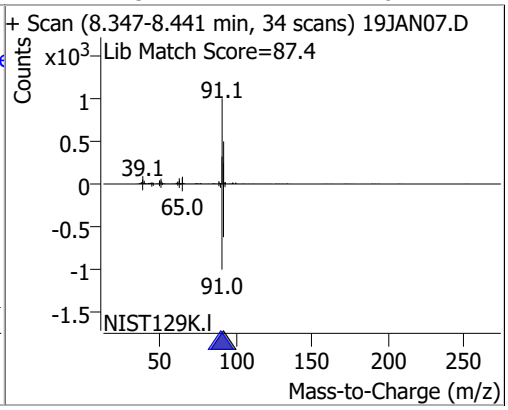
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	45.8435	8.32	0.00	142617	100.0	62.1	34.3	94.3
					99.0	9.4	0.0	39.2



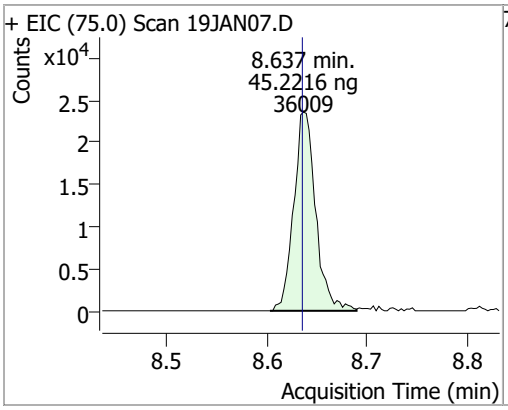
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	44.6630	8.39	0.00	92615	91.0	177.3	144.1	204.1

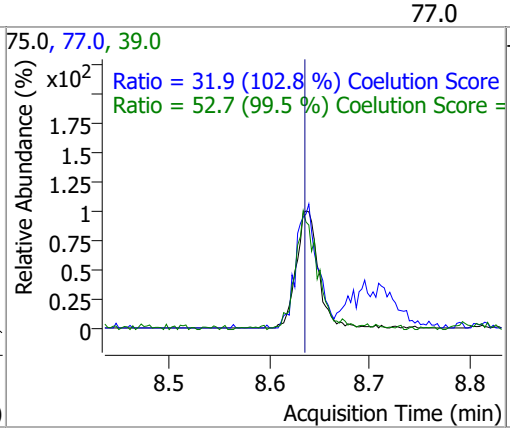


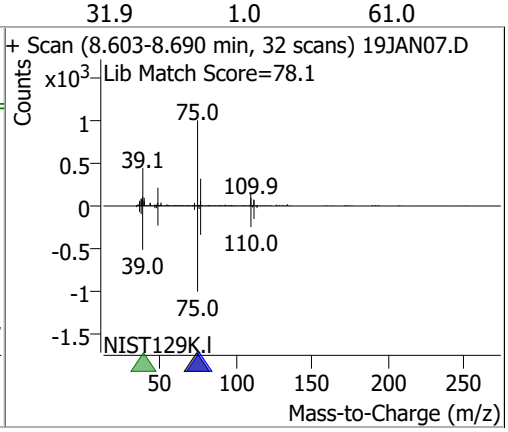




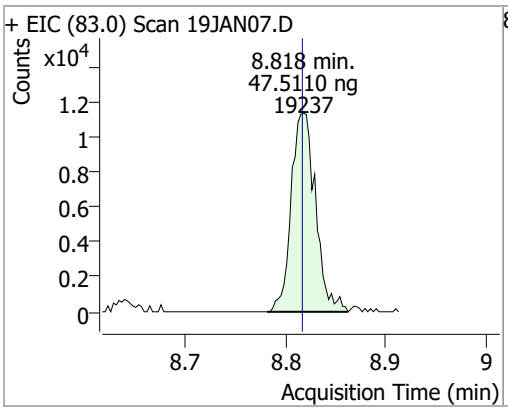
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	45.2216	8.64	0.00	36009	39.0	52.7	23.0	83.0
					77.0	31.9	1.0	61.0

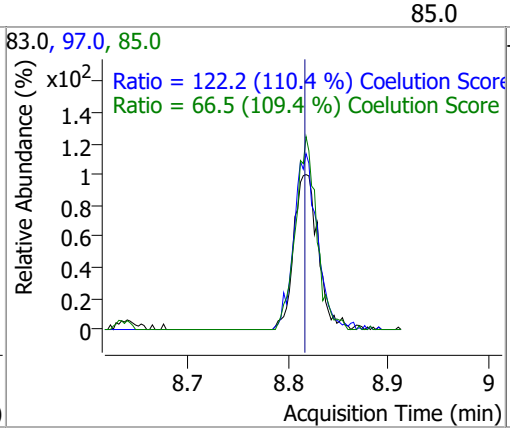


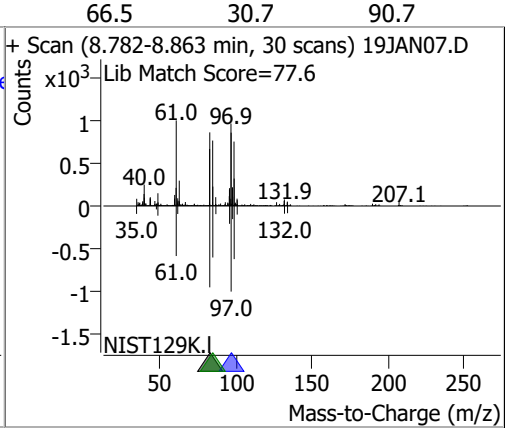




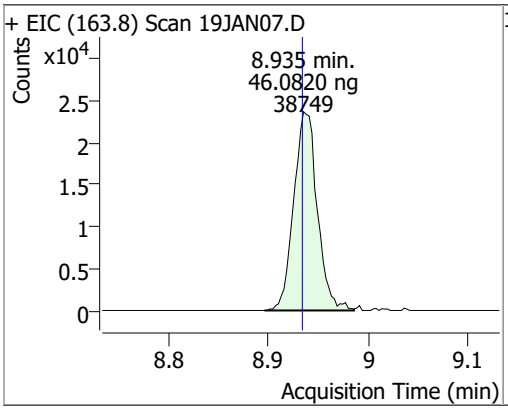
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	47.5110	8.82	0.00	19237	97.0	122.2	80.7	140.7
					85.0	66.5	30.7	90.7

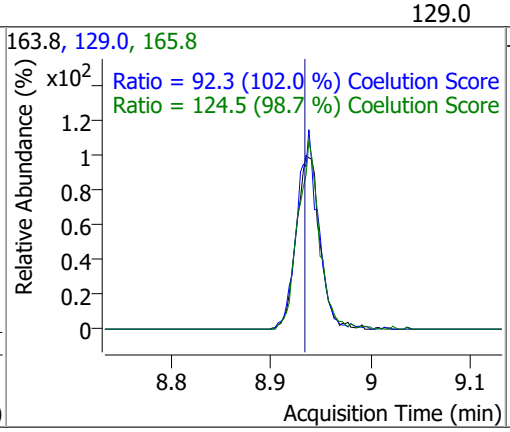


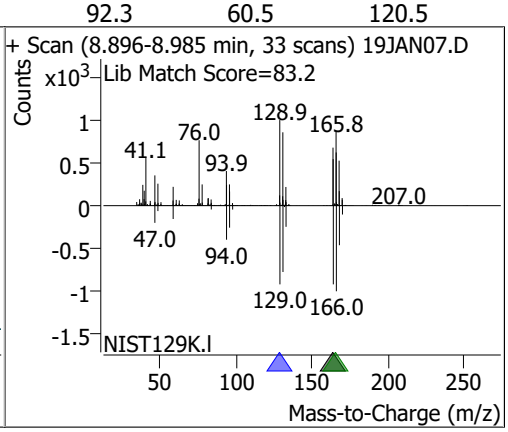




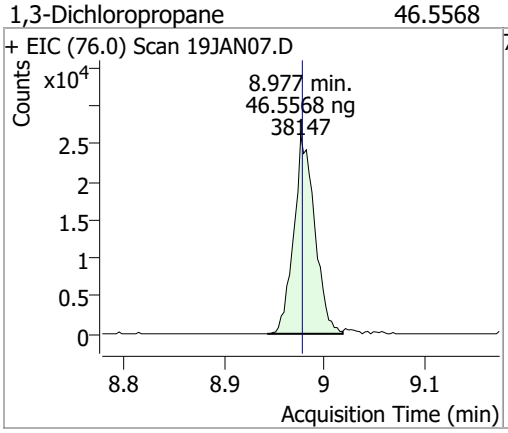
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	46.0820	8.94	0.00	38749	165.8	124.5	96.1	156.1
					129.0	92.3	60.5	120.5

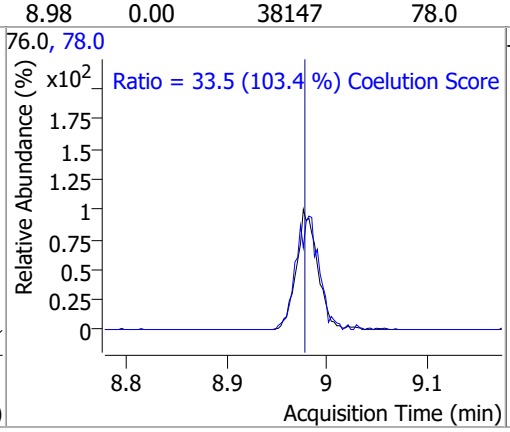


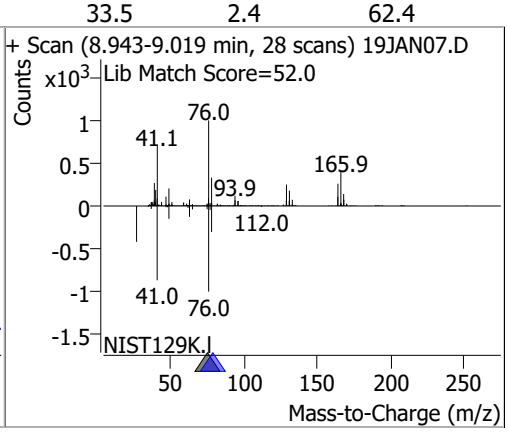




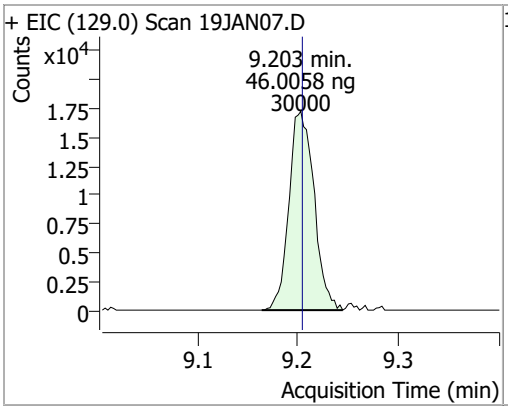
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	46.5568	8.98	0.00	38147	78.0	33.5	2.4	62.4

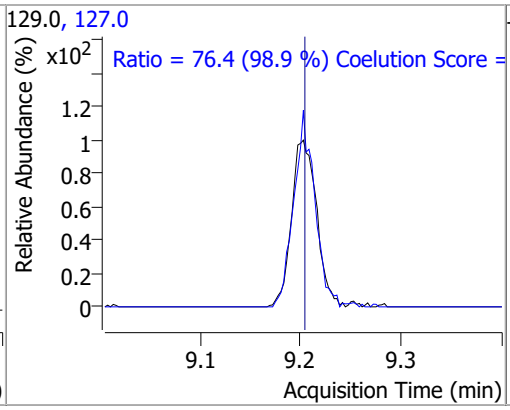


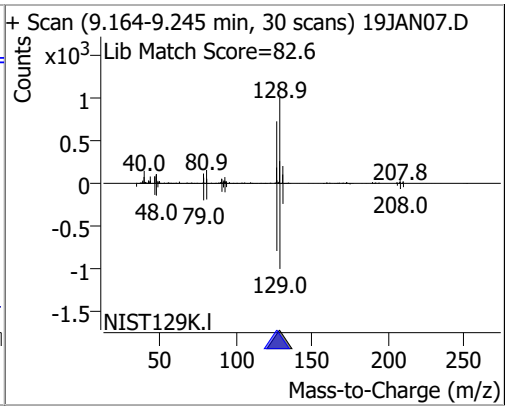




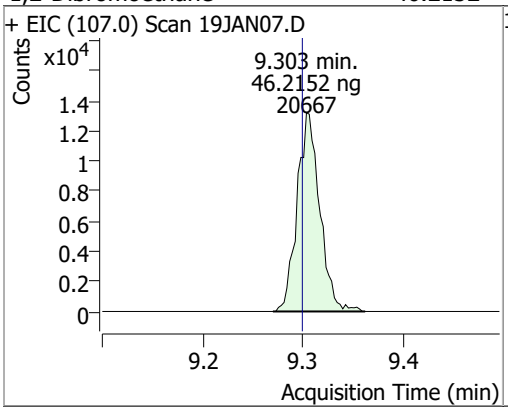
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	46.0058	9.20	0.00	30000	127.0	76.4	47.2	107.2

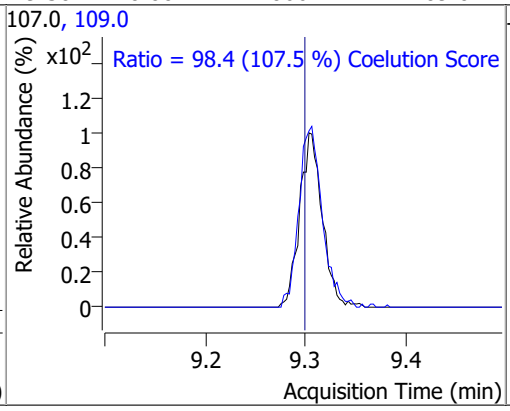


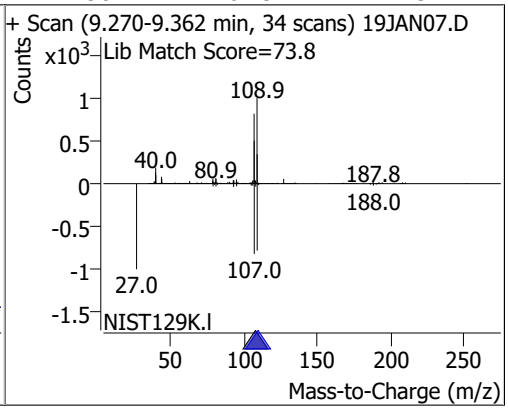




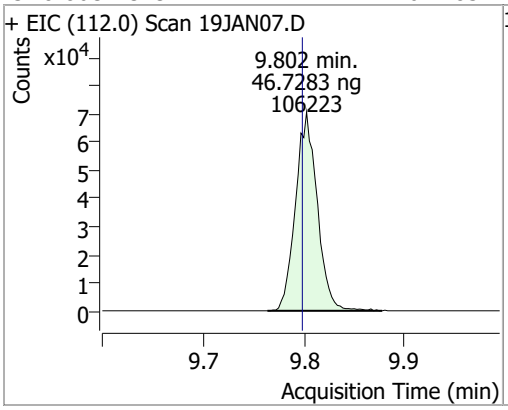
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	46.2152	9.30	0.00	20667	109.0	98.4	61.5	121.5

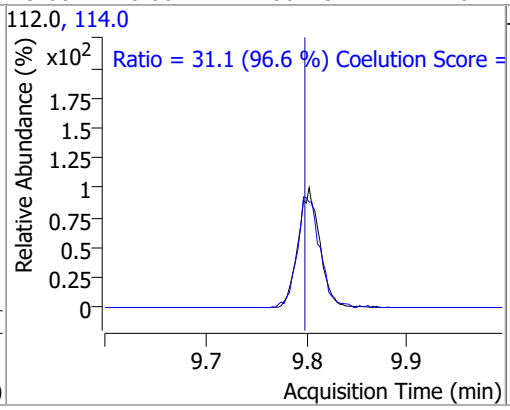


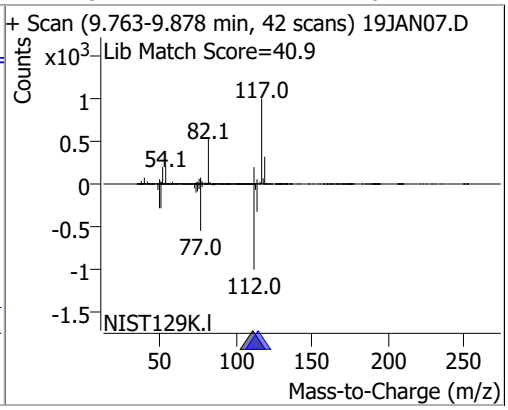




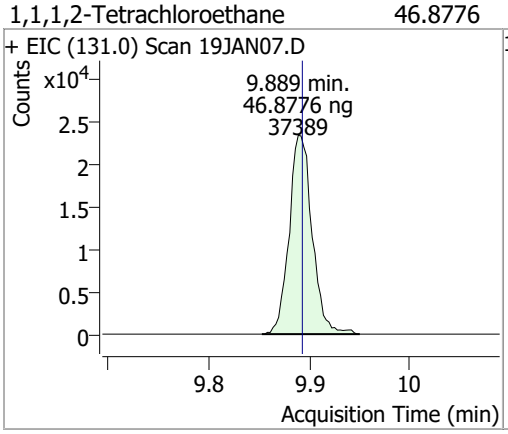
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	46.7283	9.80	0.00	106223	114.0	31.1	2.2	62.2

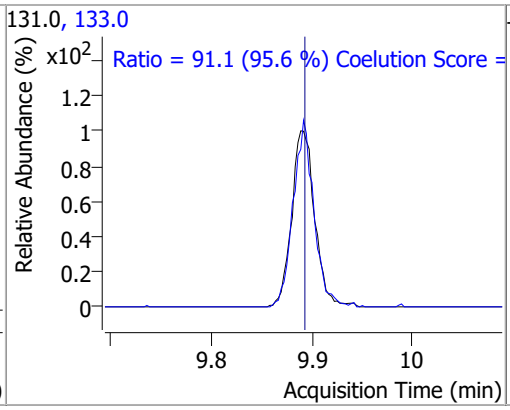


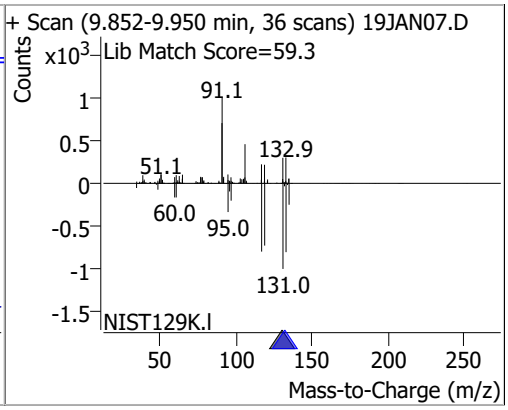




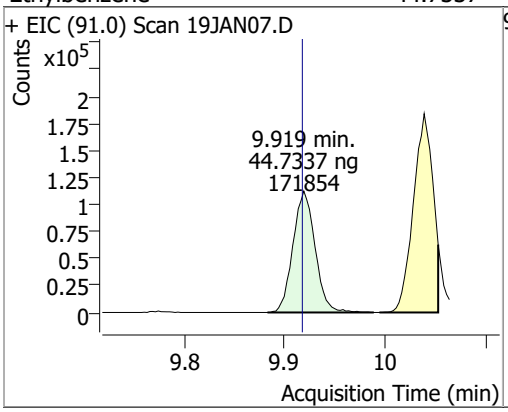
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	46.8776	9.89	-0.01	37389	133.0	91.1	65.3	125.3

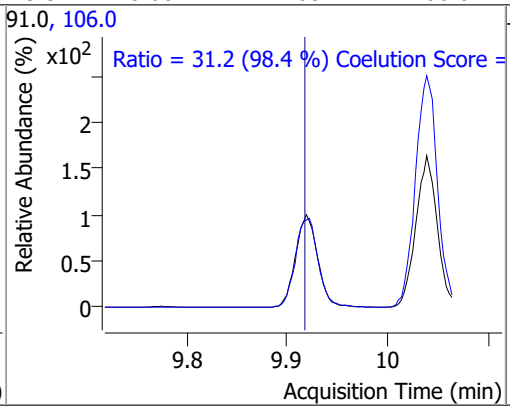


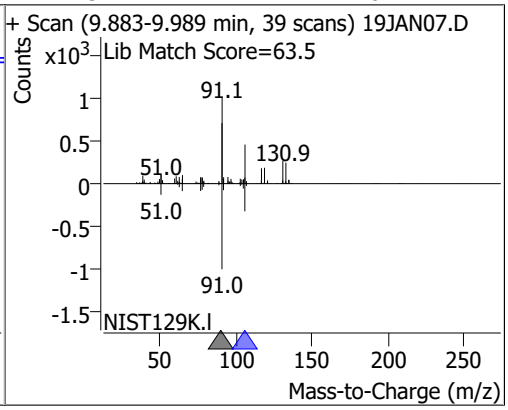




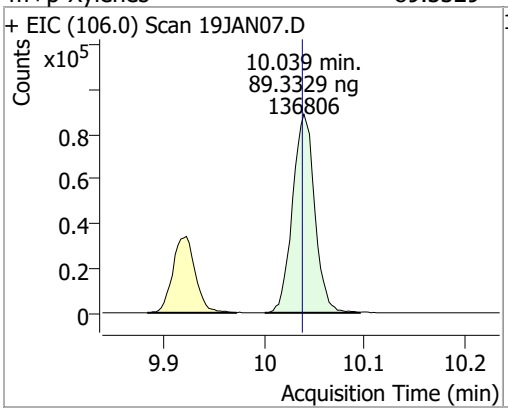
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	44.7337	9.92	0.00	171854	106.0	31.2	1.7	61.7

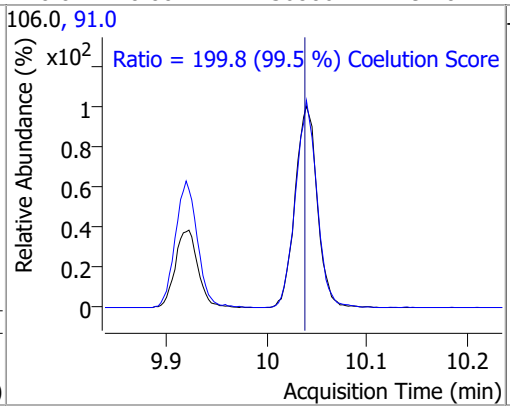


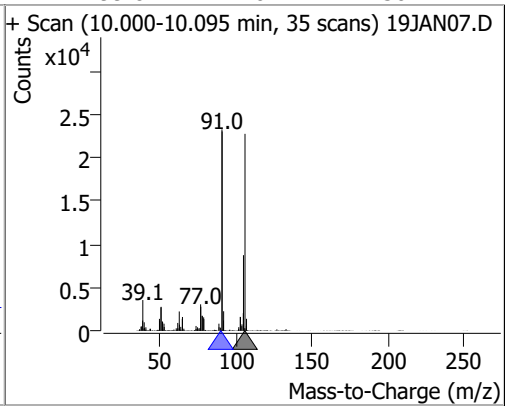




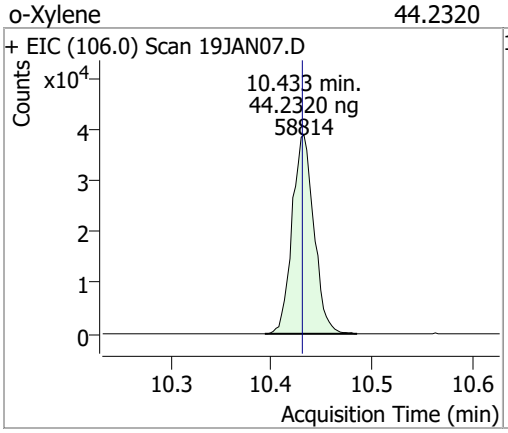
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	89.3329	10.04	0.00	136806	91.0	199.8	170.7	230.7

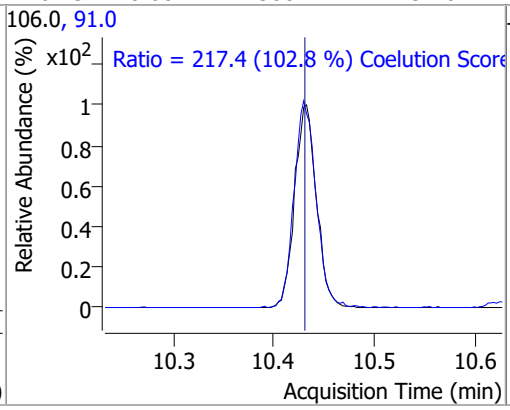


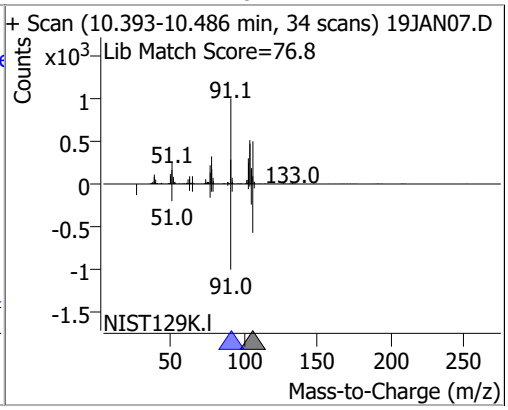




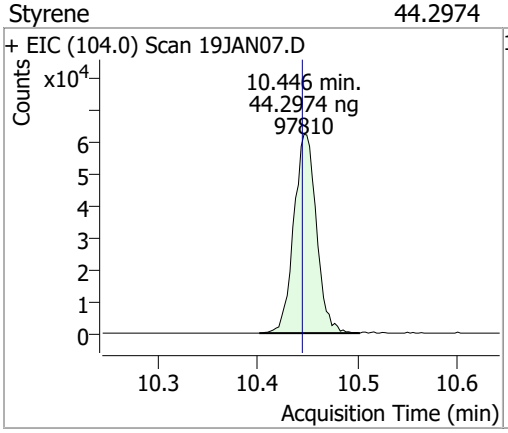
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	44.2320	10.43	0.00	58814	91.0	217.4	181.4	241.4

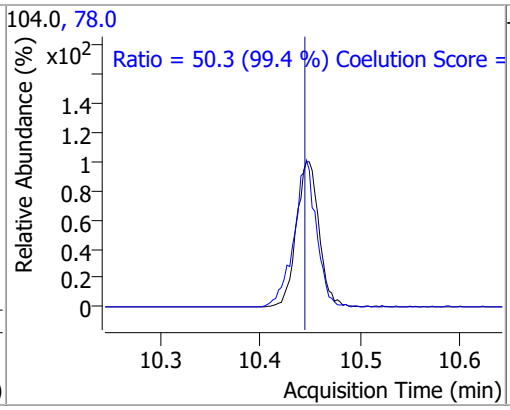


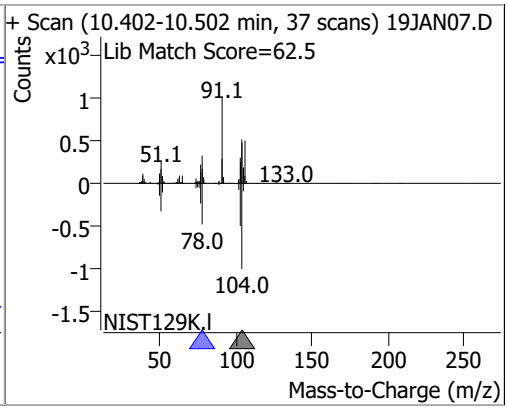




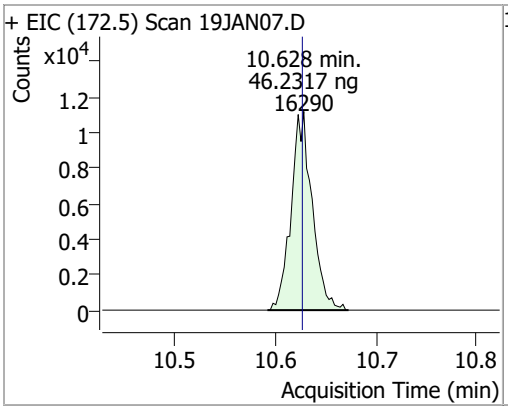
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	44.2974	10.45	0.00	97810	78.0	50.3	20.6	80.6

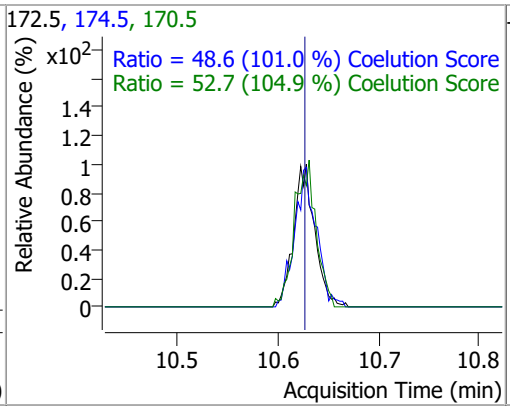


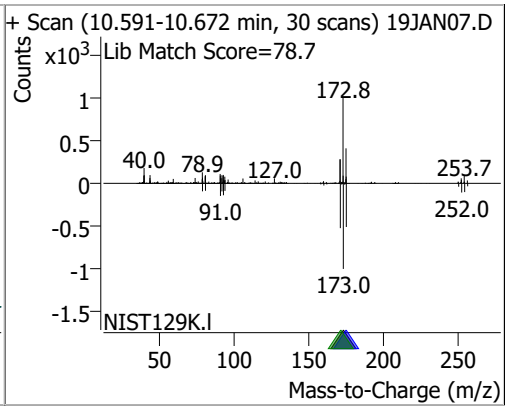




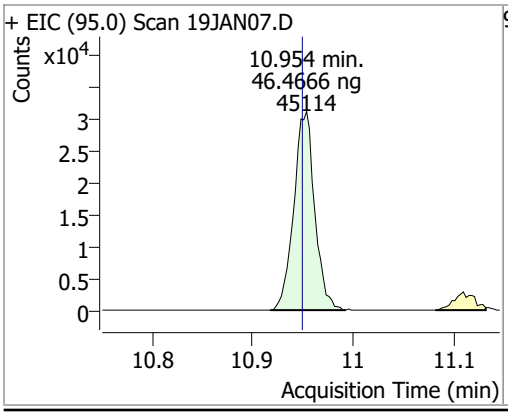
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	46.2317	10.63	0.00	16290	170.5	52.7	20.3	80.3
					174.5	48.6	18.1	78.1

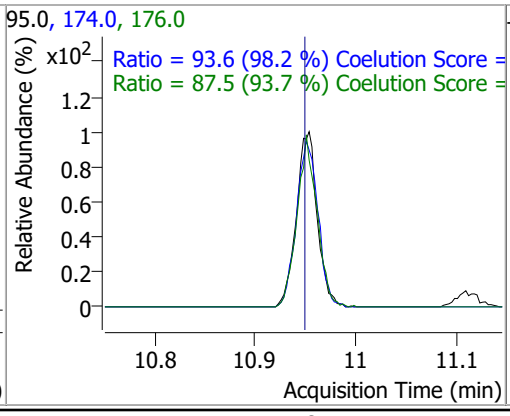


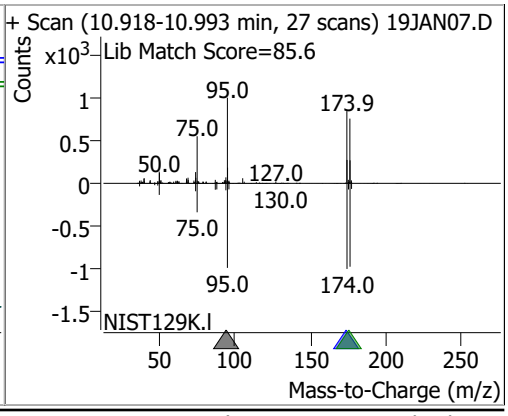




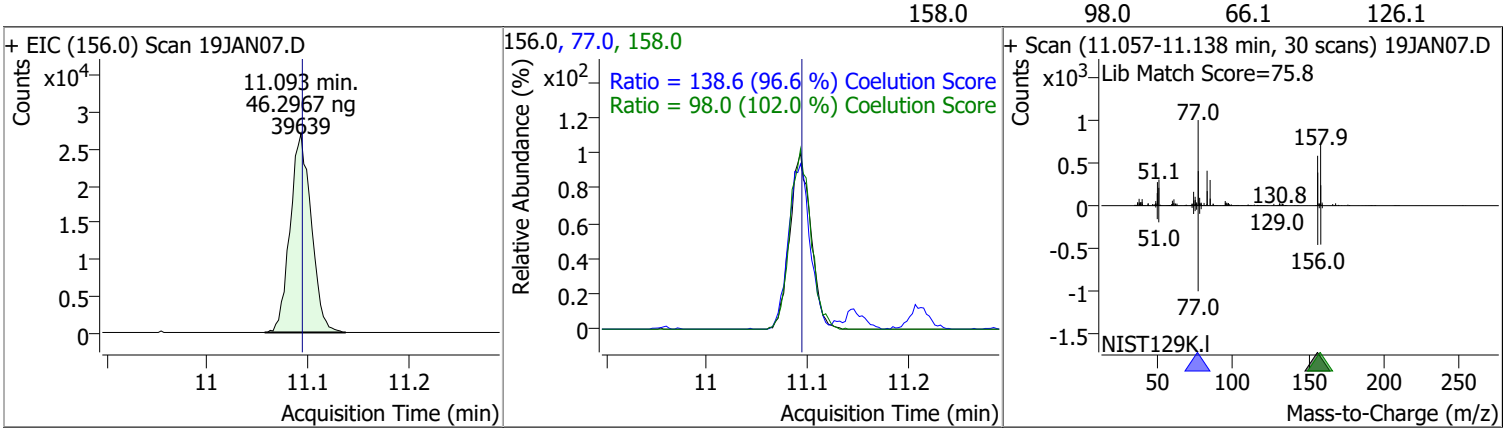
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	46.4666	10.95	0.01	45114	174.0	93.6	65.3	125.3
					176.0	87.5	63.3	123.3



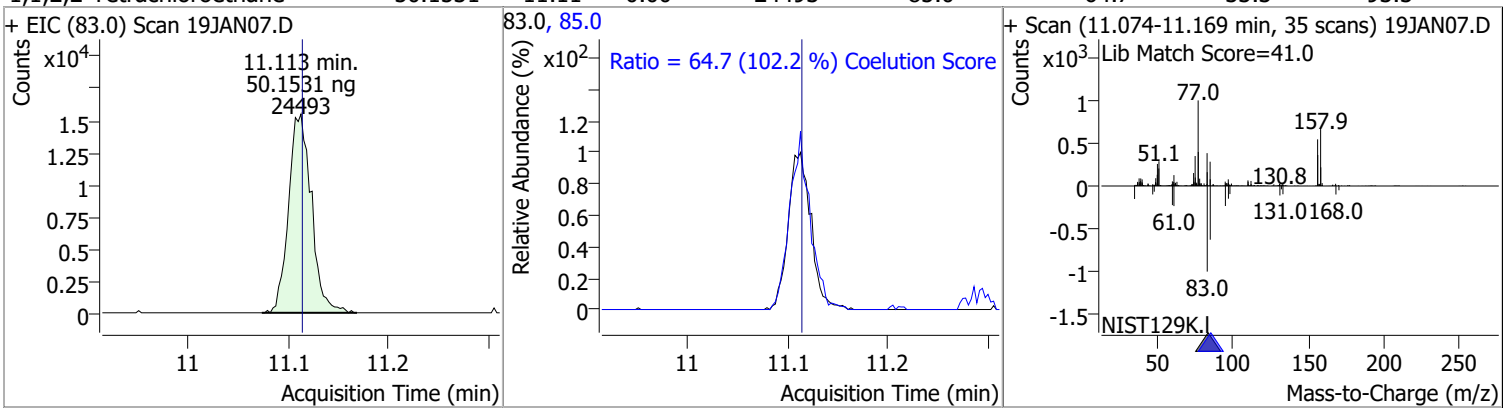




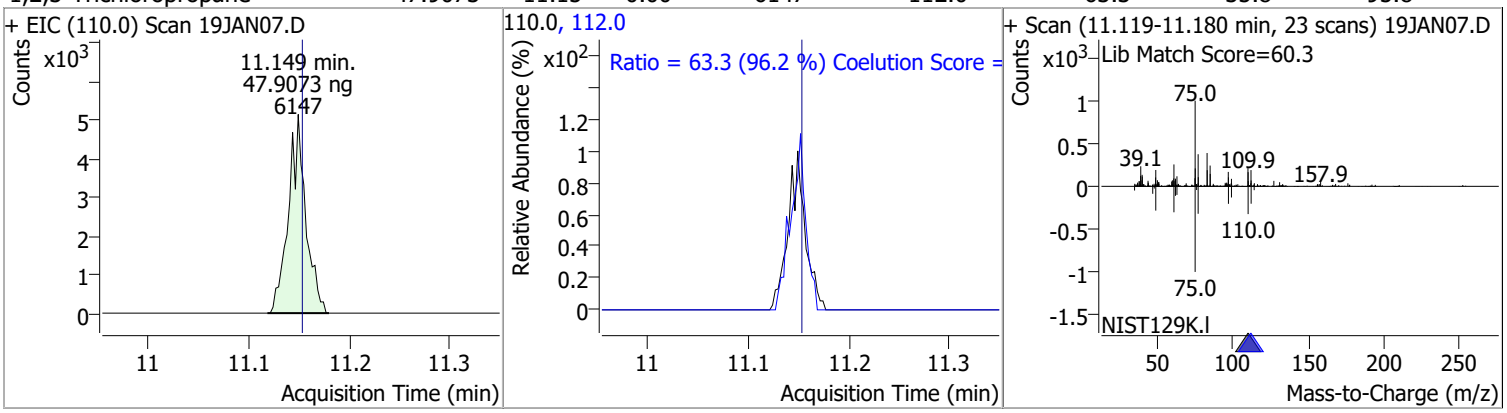
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	46.2967	11.09	0.00	39639	77.0	138.6	113.5	173.5
					158.0	98.0	66.1	126.1



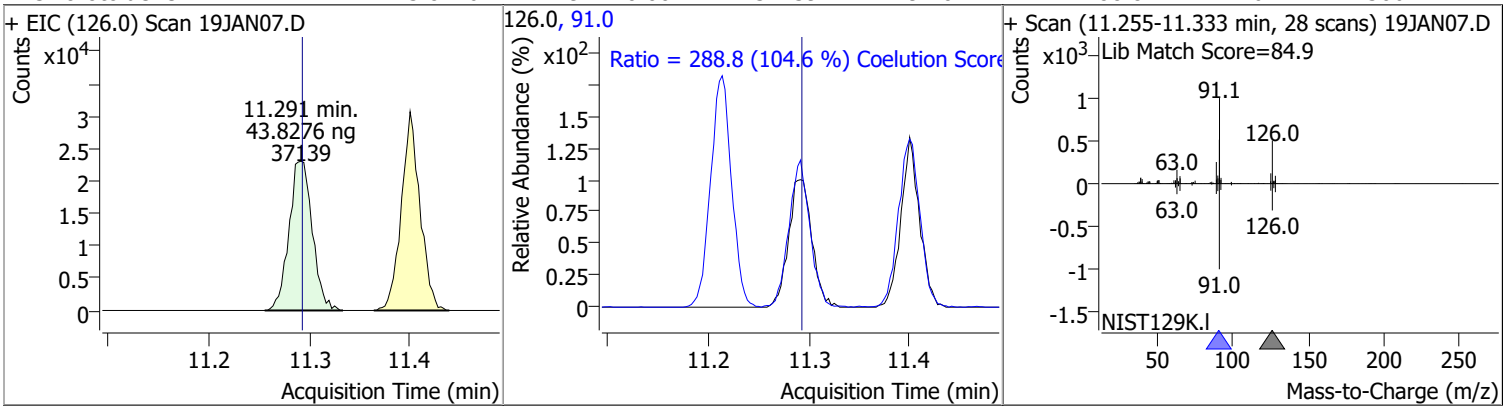
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	50.1531	11.11	0.00	24493	85.0	64.7	33.3	93.3



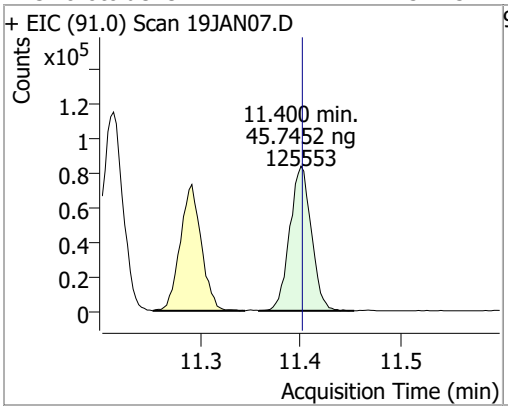
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	47.9073	11.15	0.00	6147	112.0	63.3	35.8	95.8

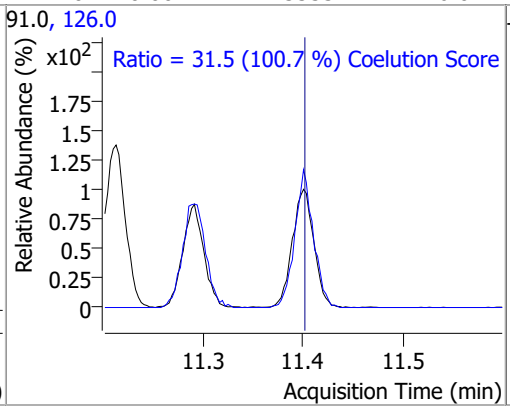


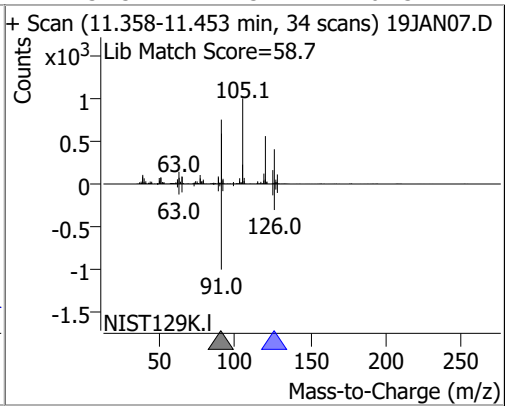
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	43.8276	11.29	0.00	37139	91.0	288.8	246.2	306.2



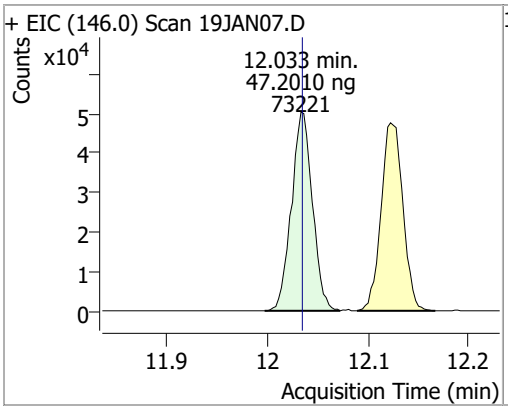
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	45.7452	11.40	0.00	125553	126.0	31.5	1.3	61.3

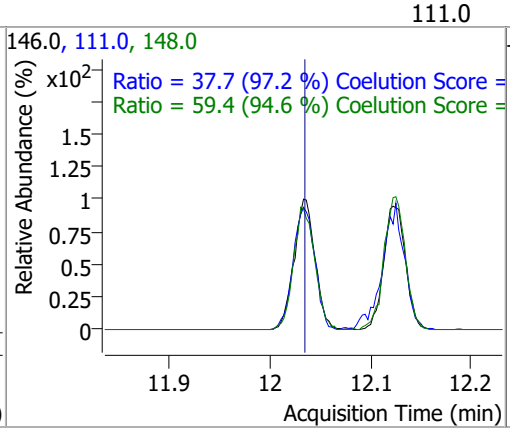


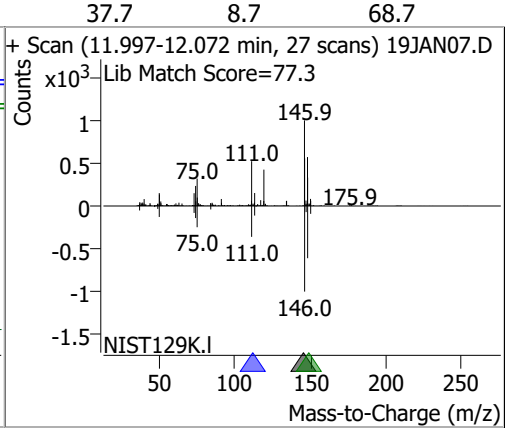




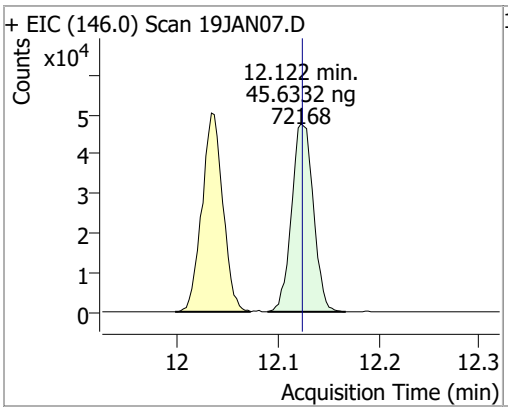
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	47.2010	12.03	0.00	73221	148.0	59.4	32.8	92.8
					111.0	37.7	8.7	68.7

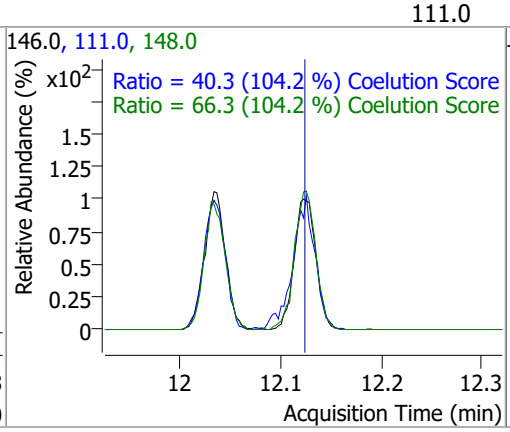


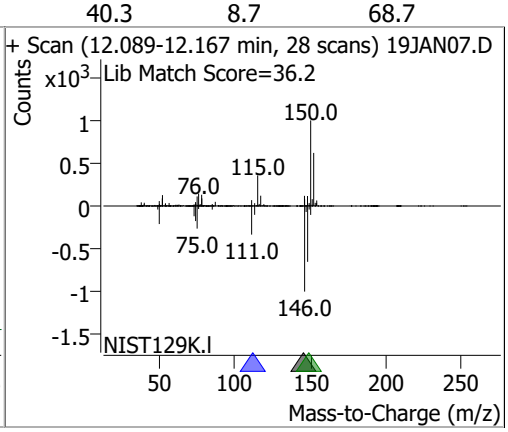




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	45.6332	12.12	0.00	72168	148.0	66.3	33.7	93.7
					111.0	40.3	8.7	68.7

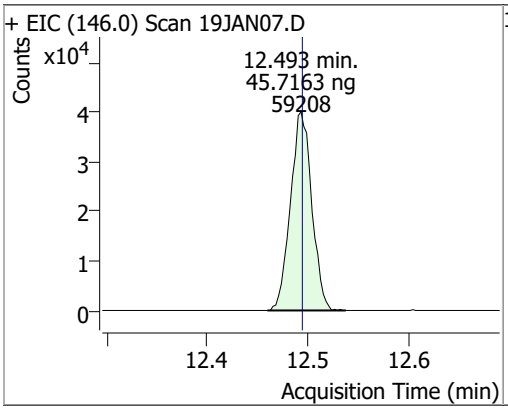


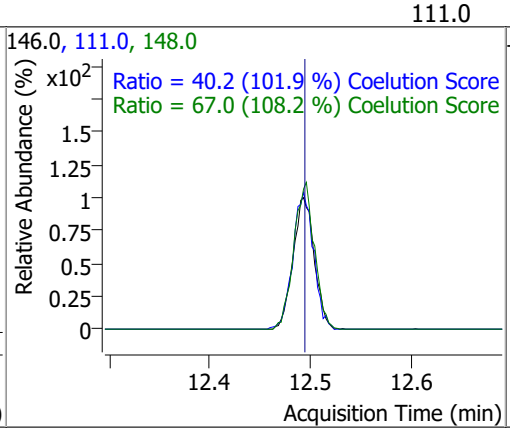


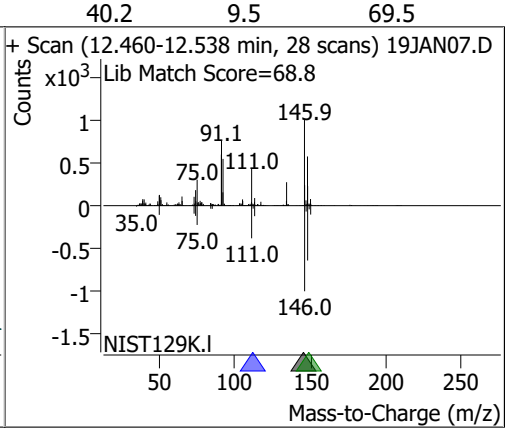


Quantitation Results Report (QT Reviewed)

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)

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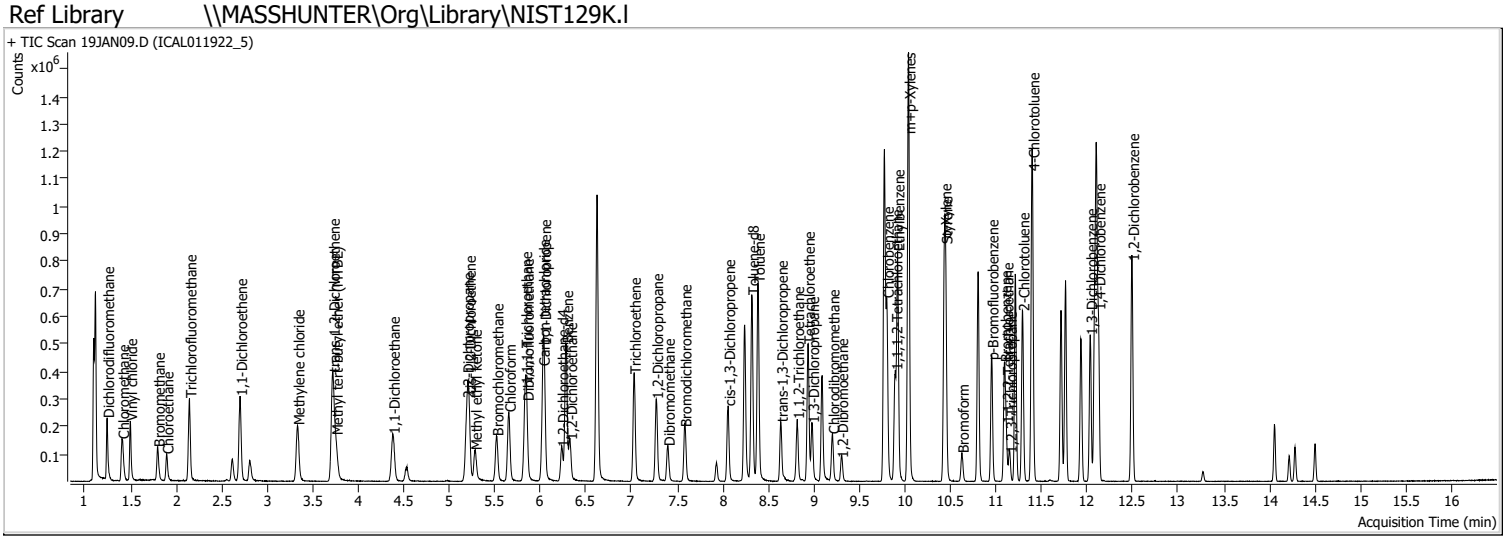
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

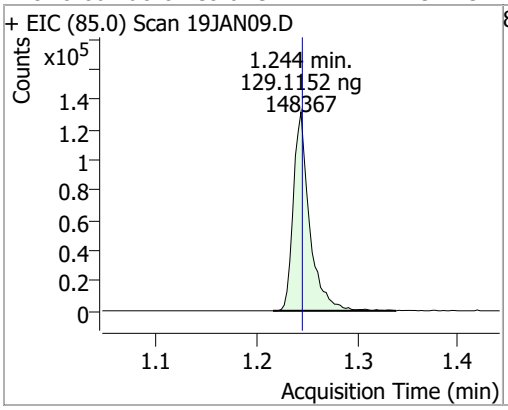


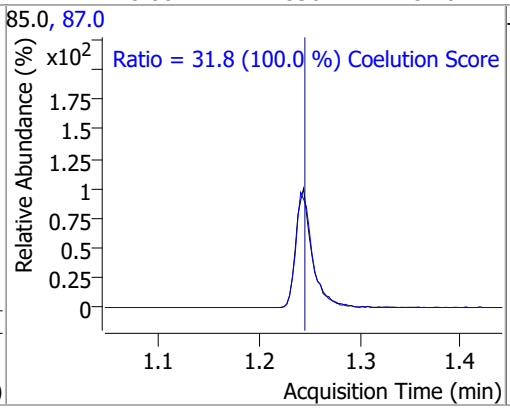
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	854591	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	330468	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	278012	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	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

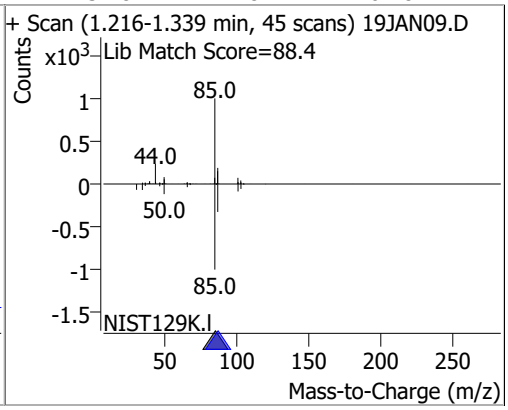
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	189468	123.8043	ng	100
T Carbon tetrachloride	6.024	117.0	183978	123.9520	ng	100
T 1,1-Dichloropropene	6.040	75.0	156331	125.9718	ng	100
T Benzene	6.283	78.0	424881	124.4545	ng	100
T 1,2-Dichloroethane	6.325	62.0	109046	115.6442	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

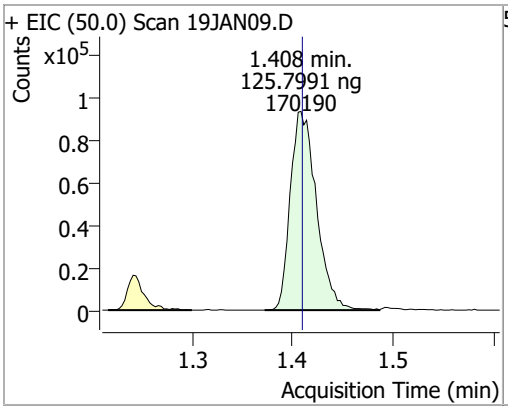
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	129.1152	1.24	0.00	148367	87.0	31.8	1.8	61.8

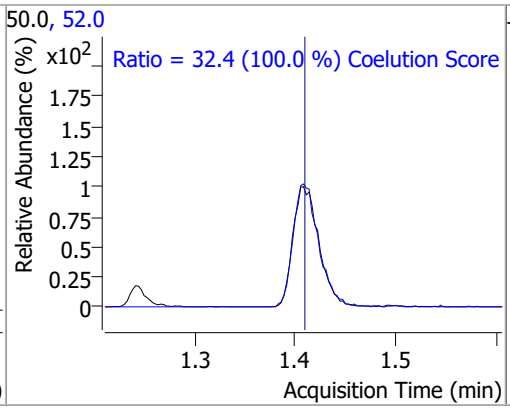


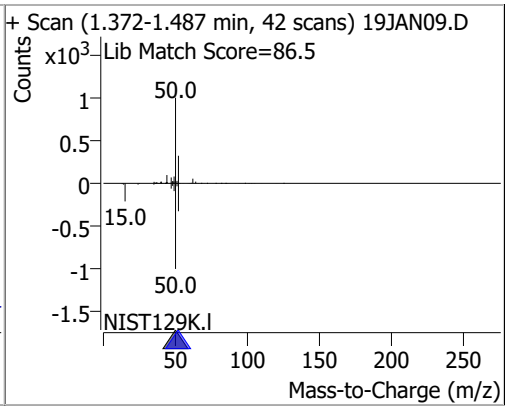




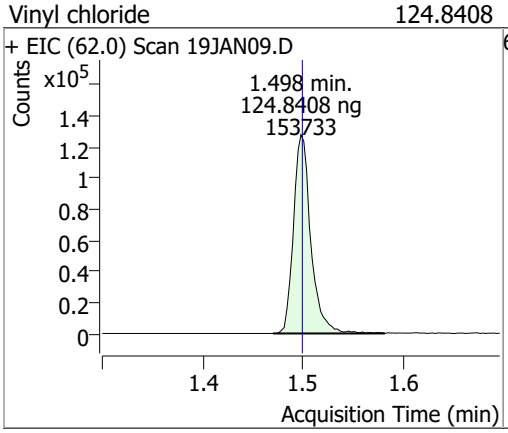
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	125.7991	1.41	0.00	170190	52.0	32.4	2.4	62.4

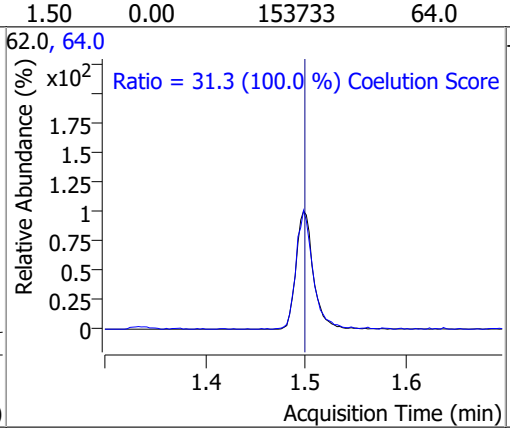


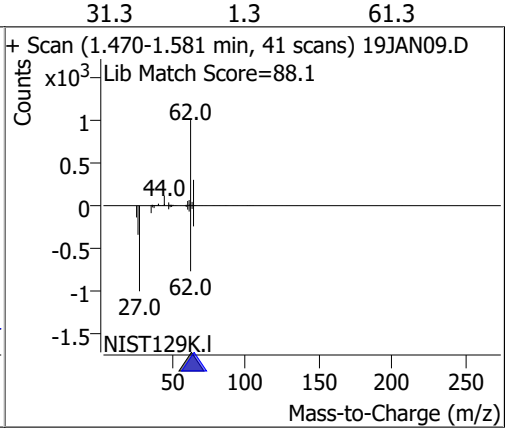




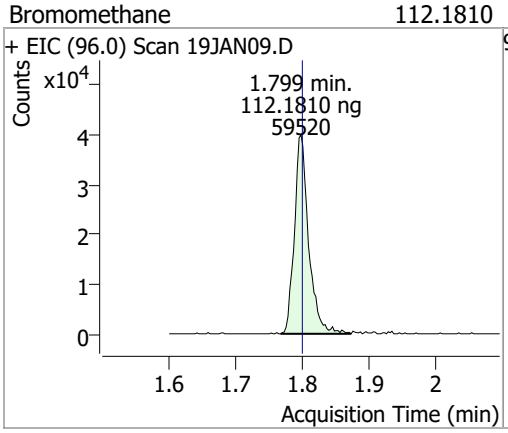
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	124.8408	1.50	0.00	153733	64.0	31.3	1.3	61.3

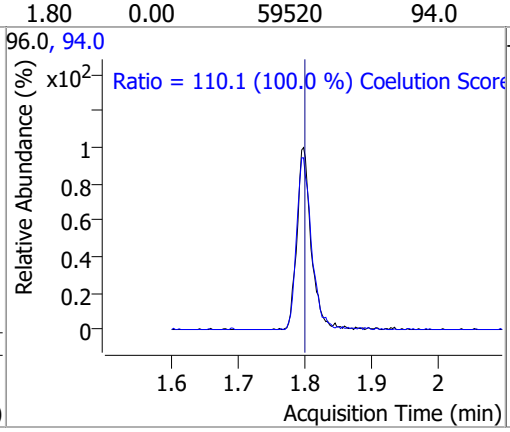


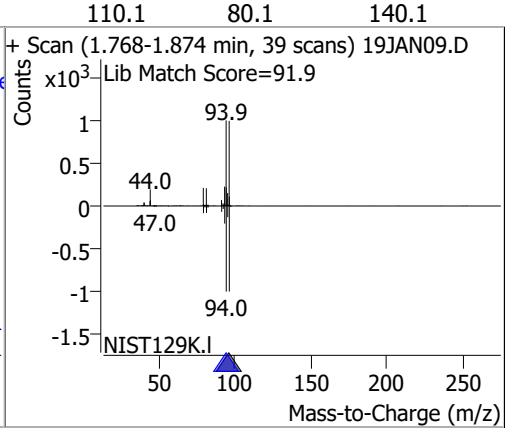




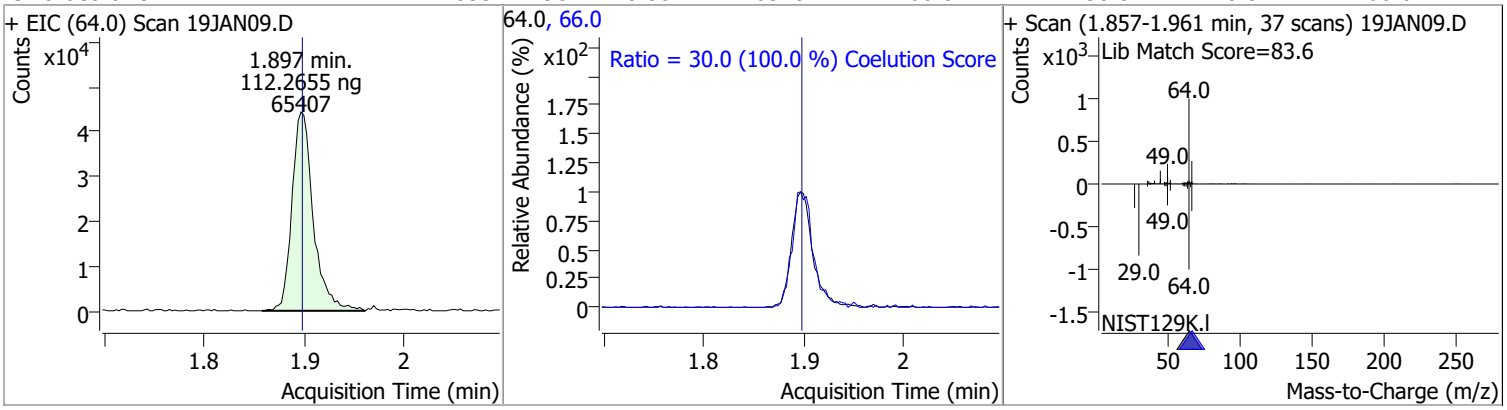
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	112.1810	1.80	0.00	59520	94.0	110.1	80.1	140.1



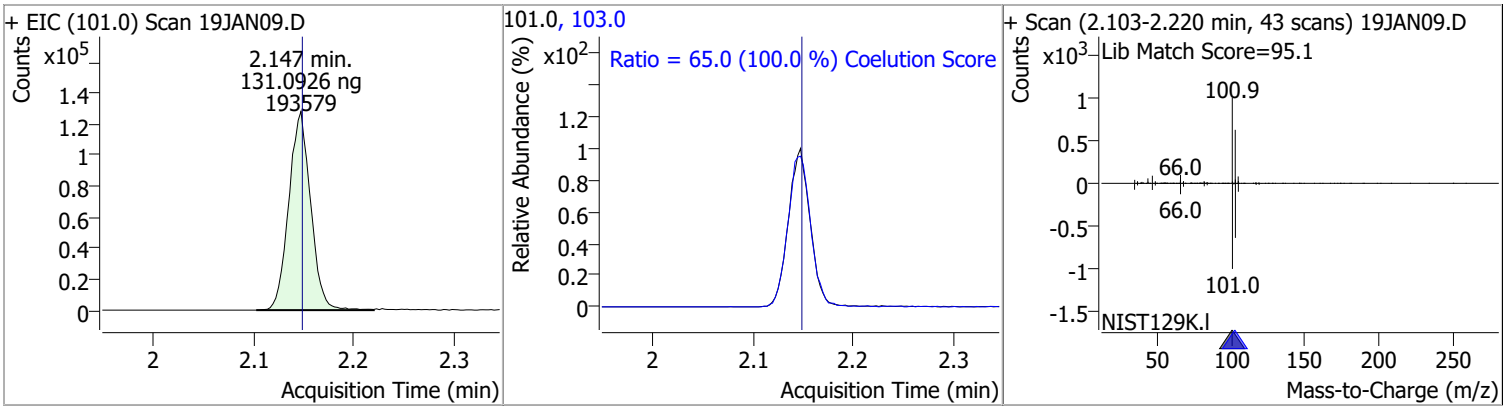




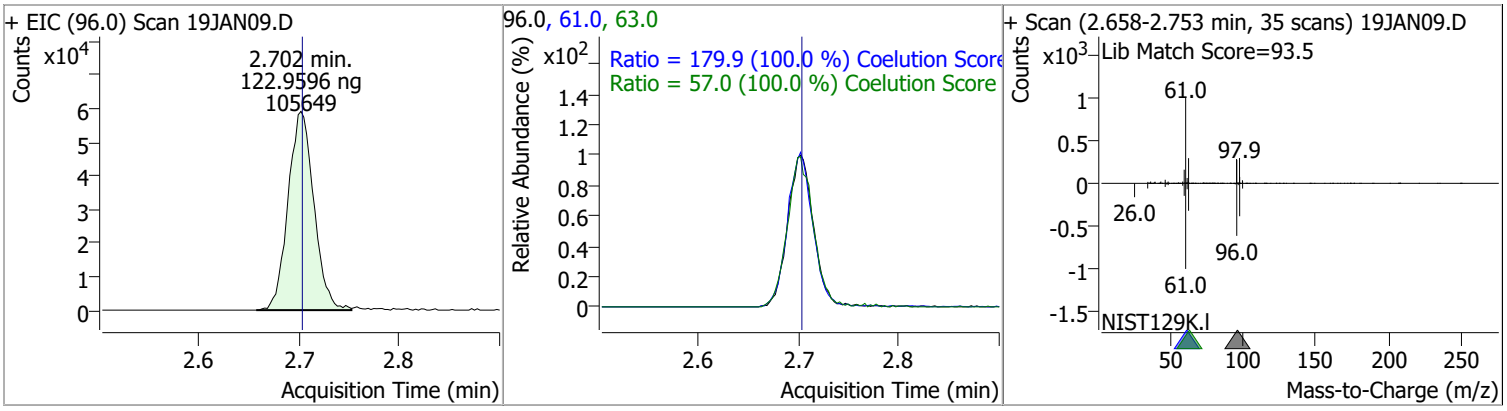
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	112.2655	1.90	0.00	65407	66.0	30.0	0.0	60.0



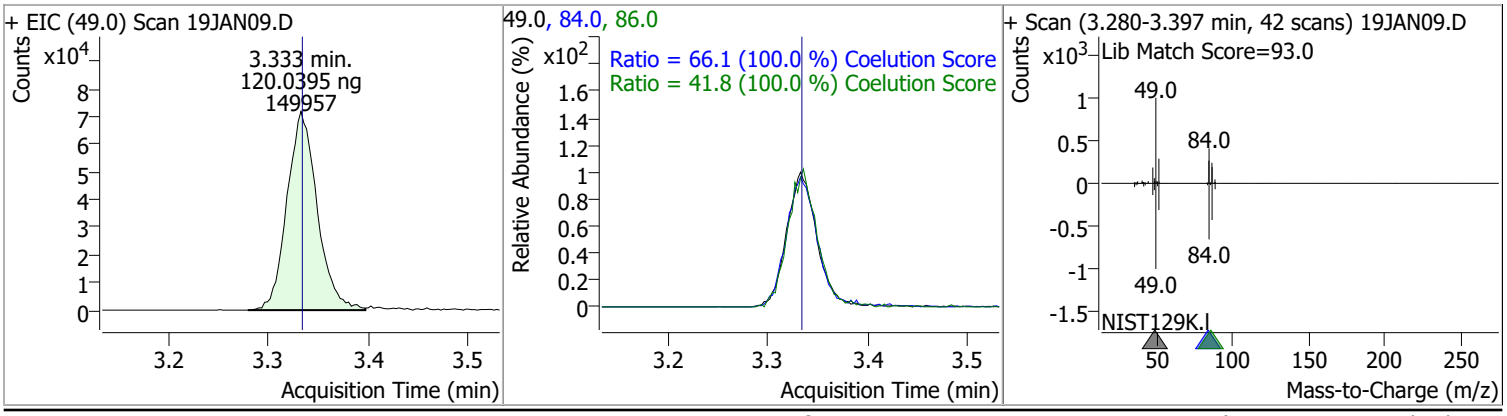
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	131.0926	2.15	0.00	193579	103.0	65.0	35.0	95.0



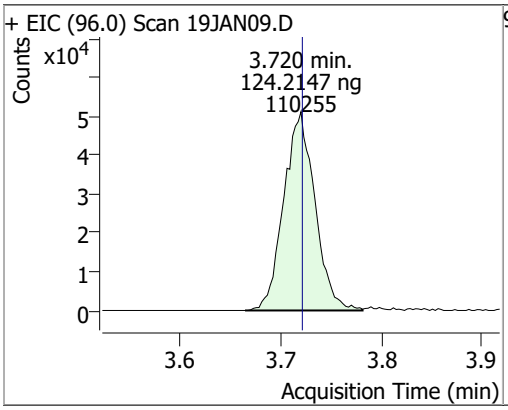
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	122.9596	2.70	0.00	105649	61.0	179.9	149.9	209.9
					63.0	57.0	27.0	87.0

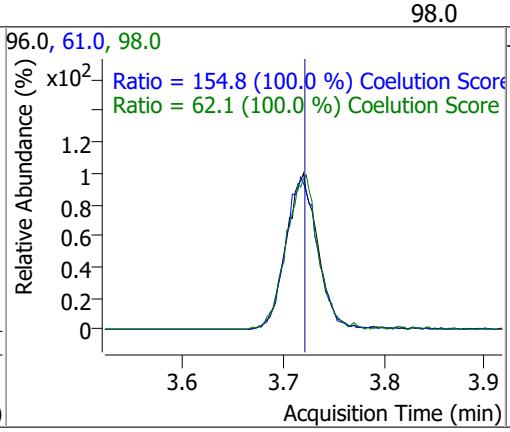


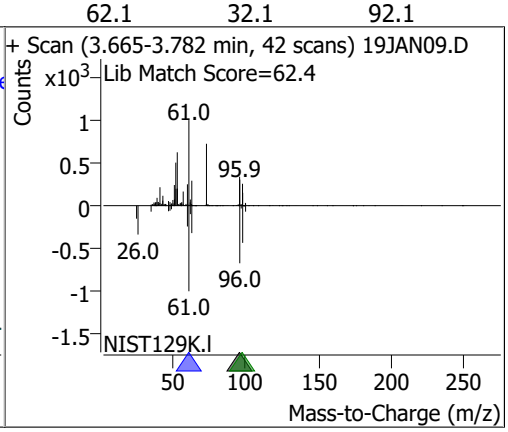
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	120.0395	3.33	0.00	149957	84.0	66.1	36.1	96.1
					86.0	41.8	11.8	71.8



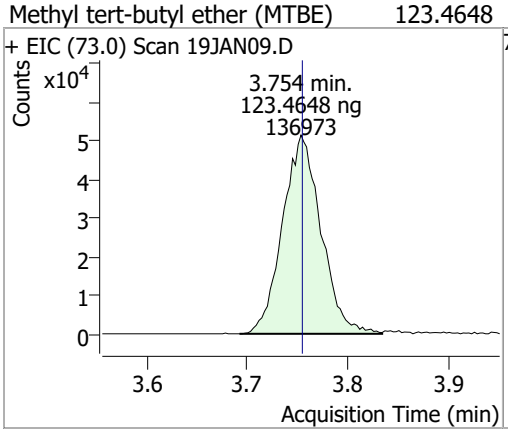
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	124.2147	3.72	0.00	110255	61.0	154.8	124.8	184.8
					98.0	62.1	32.1	92.1

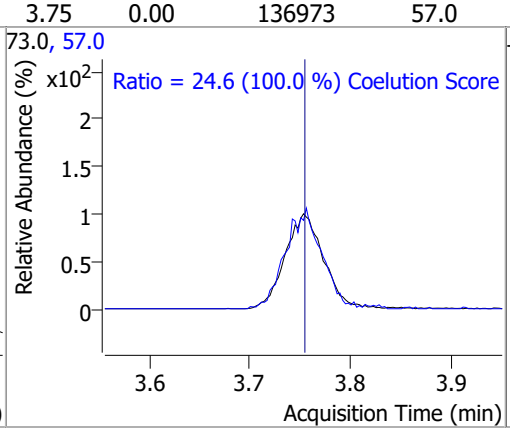


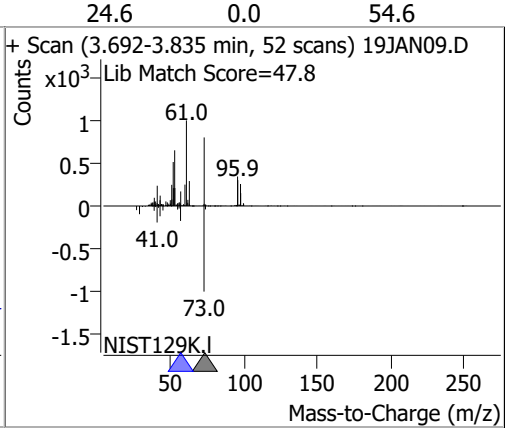




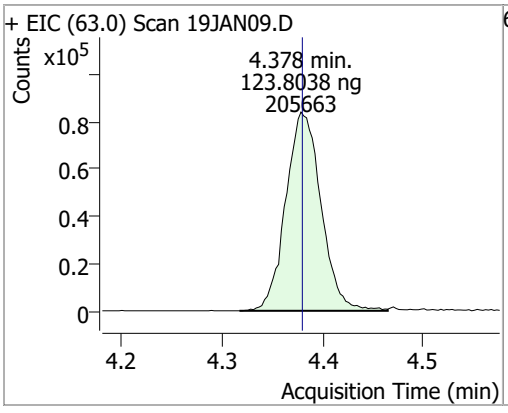
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	123.4648	3.75	0.00	136973	57.0	24.6	0.0	54.6

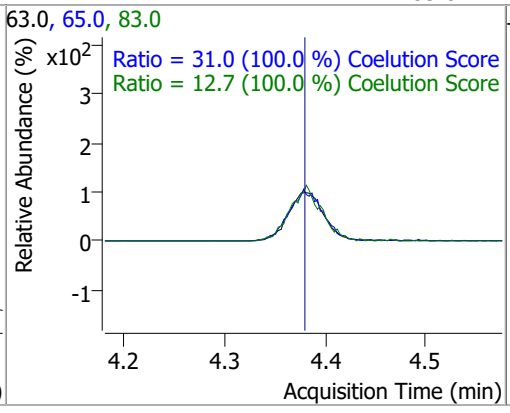


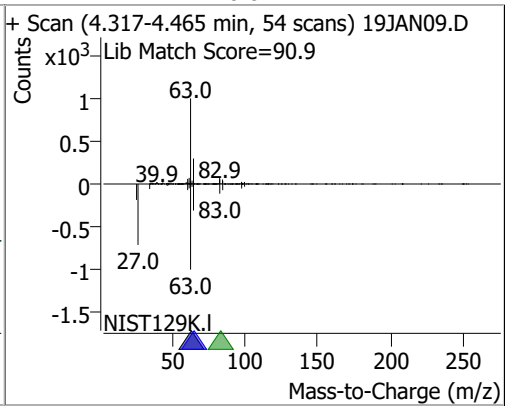




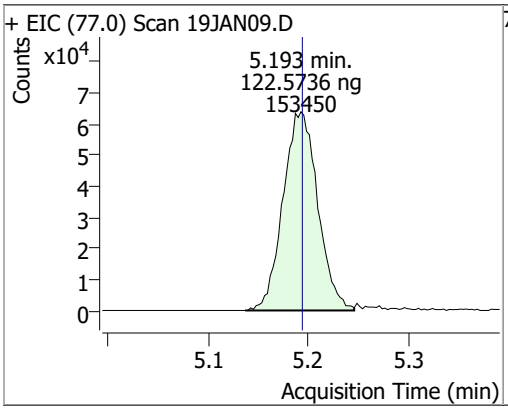
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	123.8038	4.38	0.00	205663	65.0	31.0	1.0	61.0
					83.0	12.7	0.0	42.7

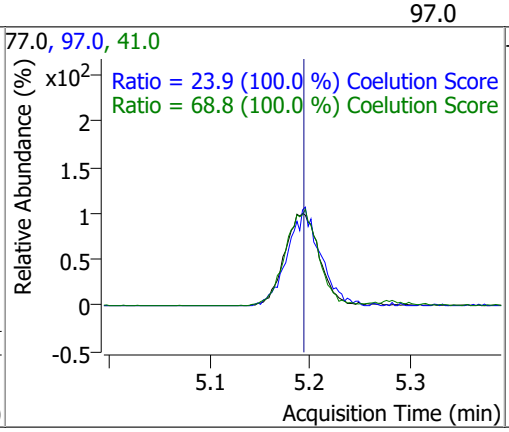


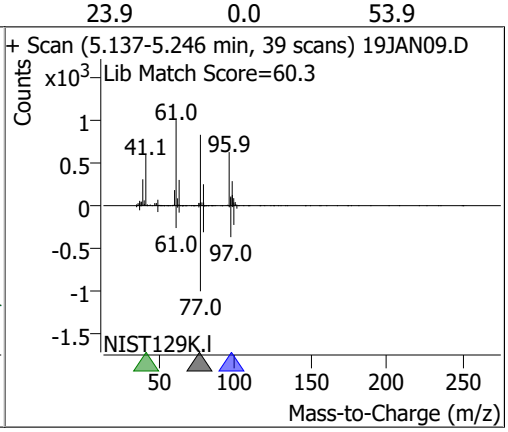




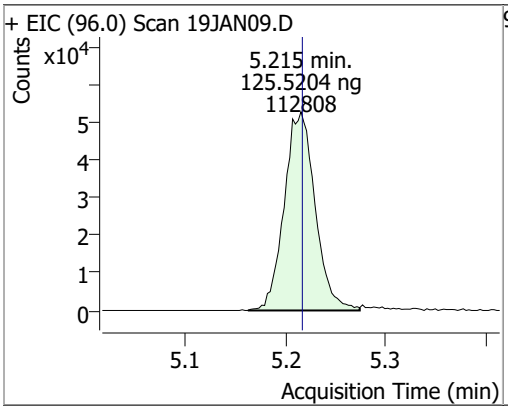
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	122.5736	5.19	0.00	153450	41.0	68.8	38.8	98.8
					97.0	23.9	0.0	53.9

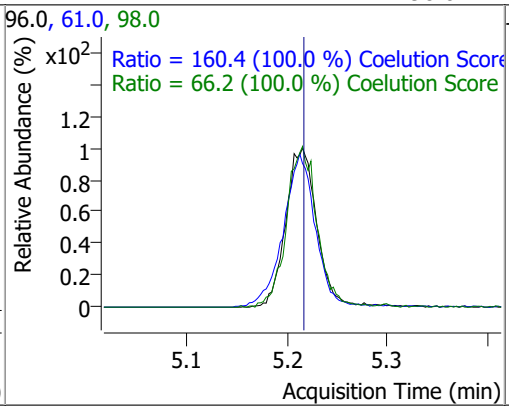


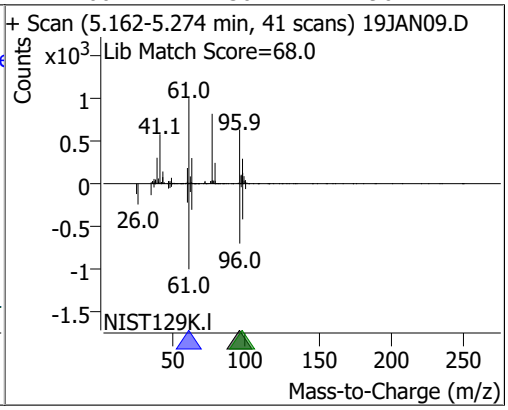




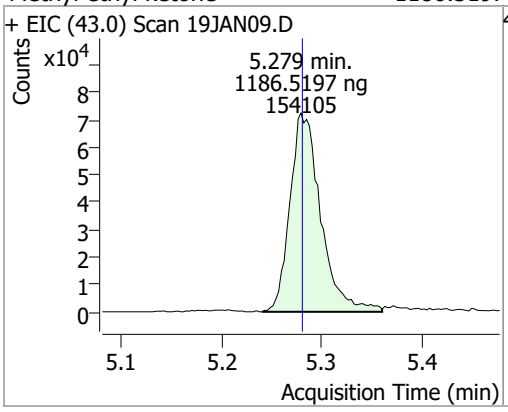
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	125.5204	5.21	0.00	112808	61.0	160.4	130.4	190.4
					98.0	66.2	36.2	96.2

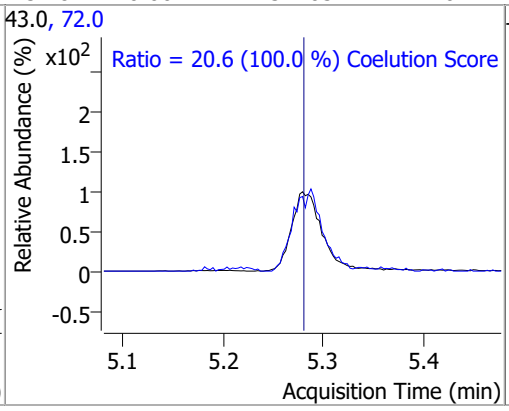


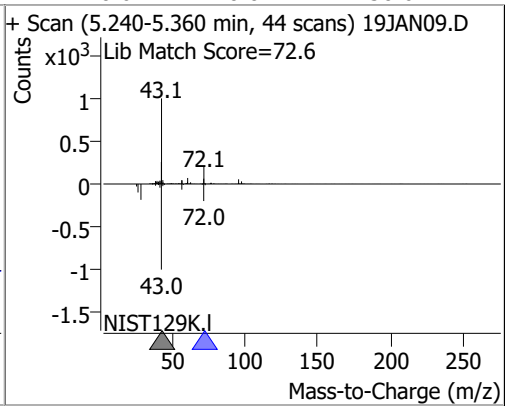




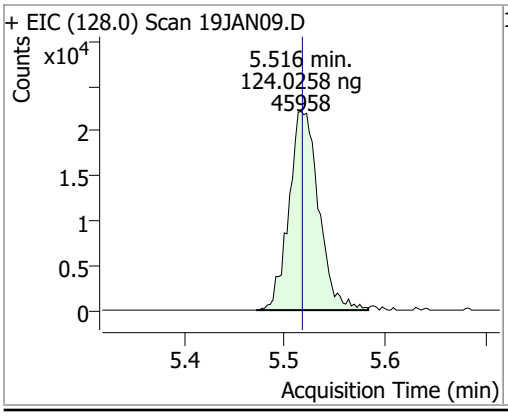
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1186.5197	5.28	0.00	154105	72.0	20.6	0.0	50.6

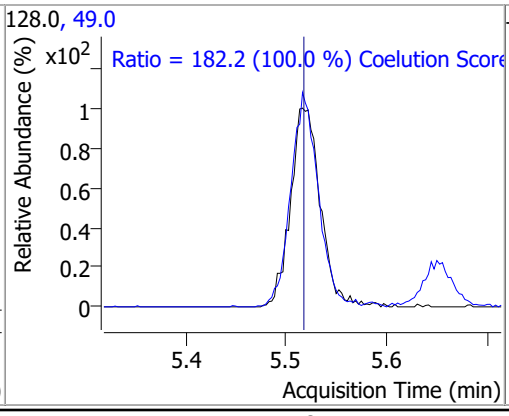


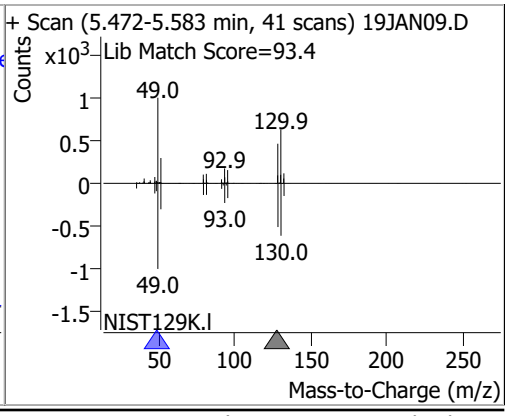




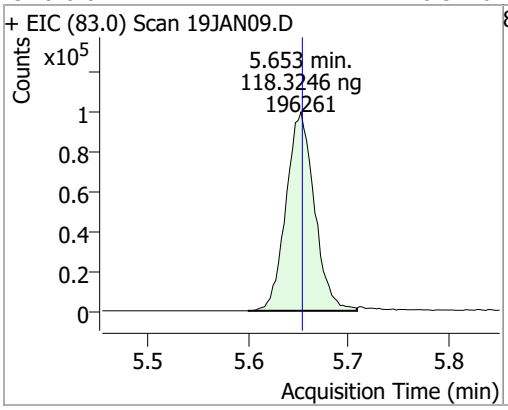
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	124.0258	5.52	0.00	45958	49.0	182.2	152.2	212.2

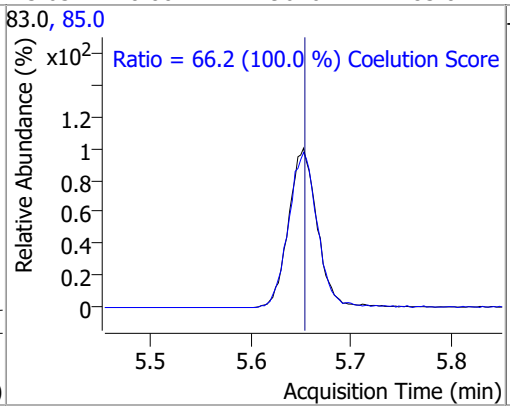


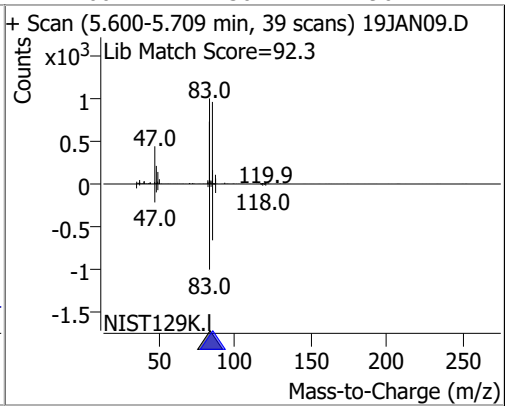




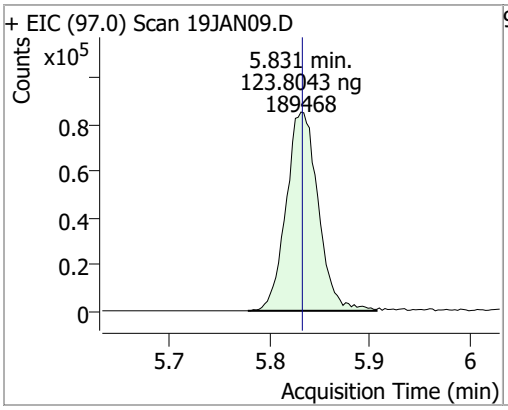
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	118.3246	5.65	0.00	196261	85.0	66.2	36.2	96.2

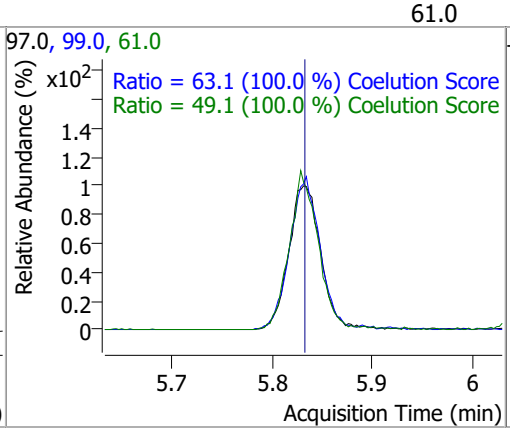


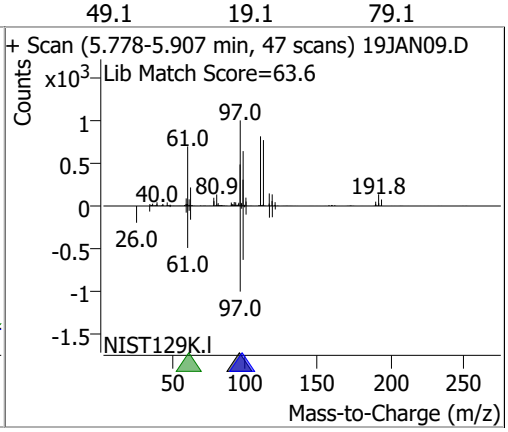




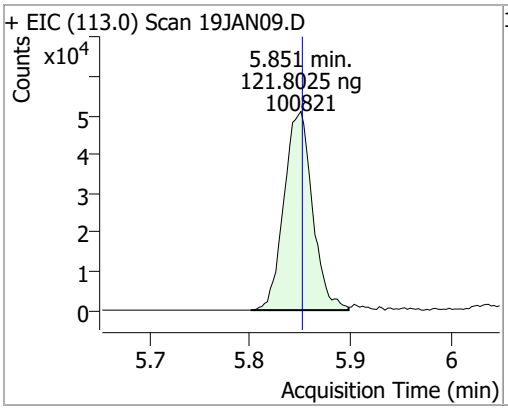
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	123.8043	5.83	0.00	189468	99.0	63.1	33.1	93.1
					61.0	49.1	19.1	79.1

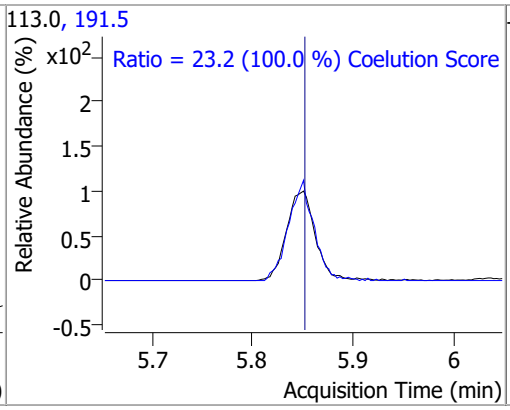


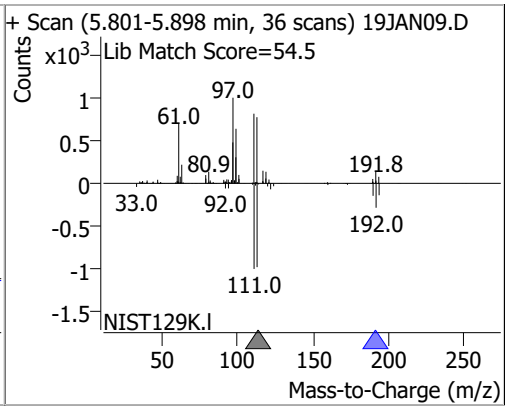




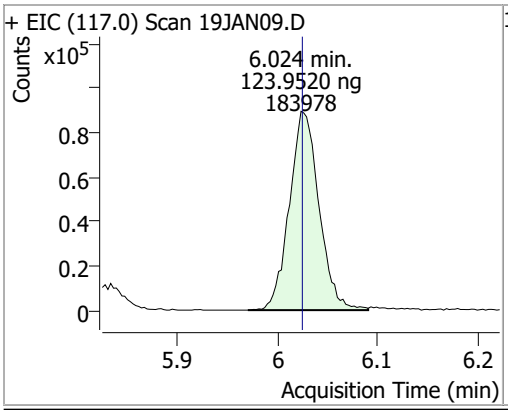
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	121.8025	5.85	0.00	100821	191.5	23.2	0.0	53.2

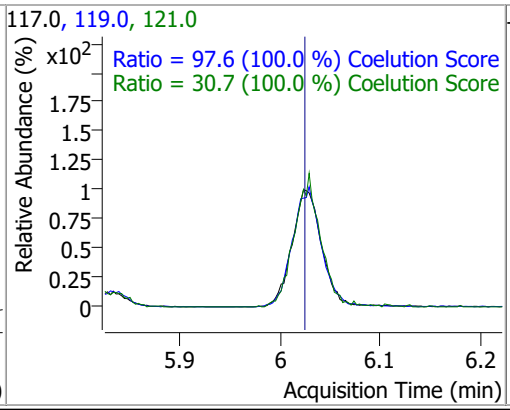


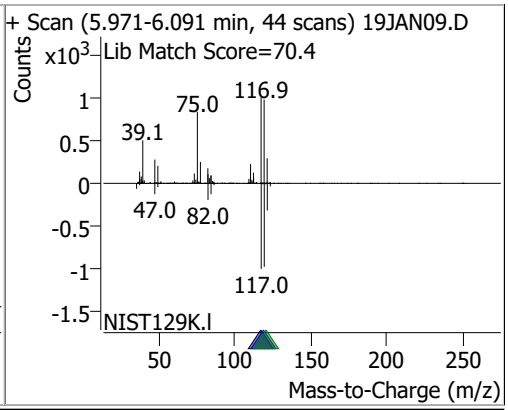




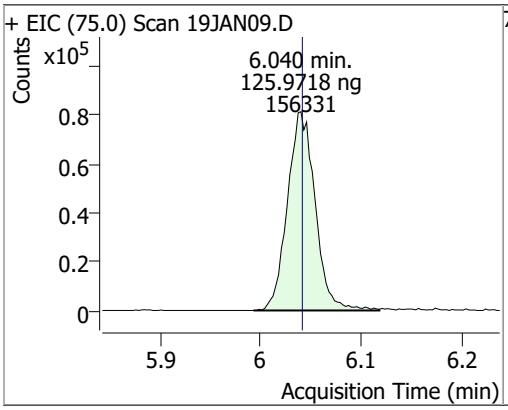
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	123.9520	6.02	0.00	183978	119.0	97.6	67.6	127.6
					121.0	30.7	0.7	60.7

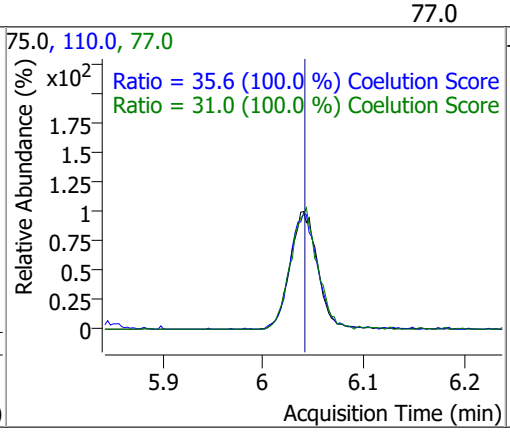


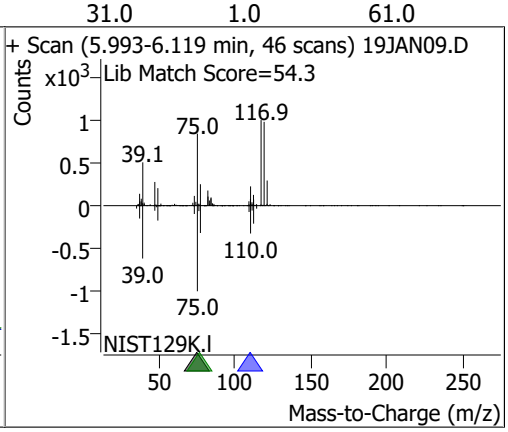




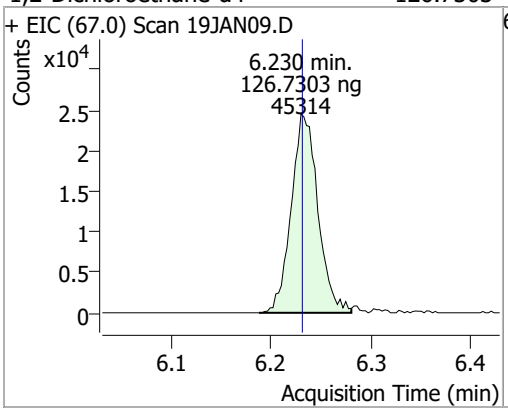
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	125.9718	6.04	0.00	156331	110.0	35.6	5.6	65.6
					77.0	31.0	1.0	61.0

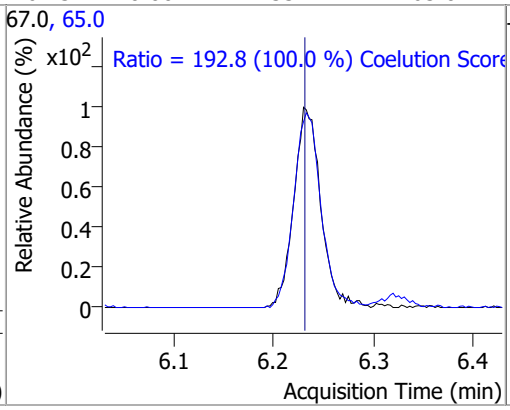


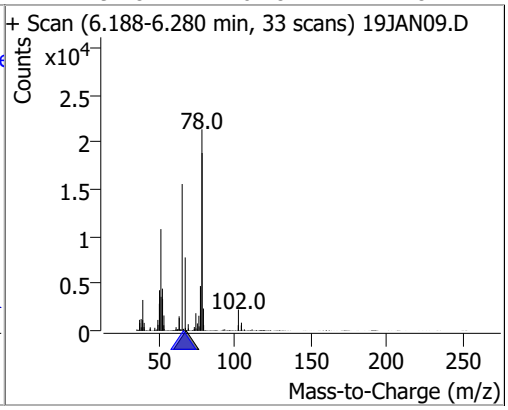




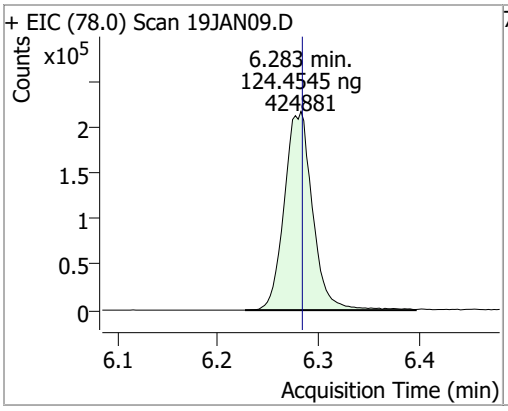
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	126.7303	6.23	0.00	45314	65.0	192.8	162.8	222.8

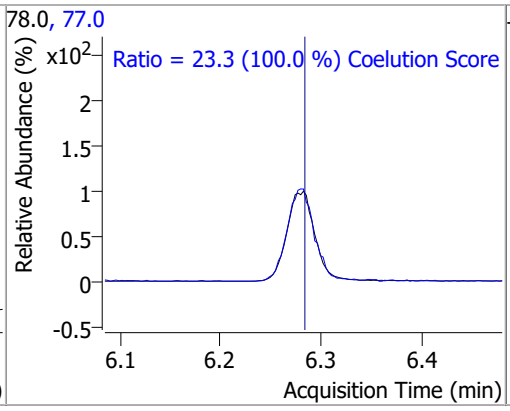


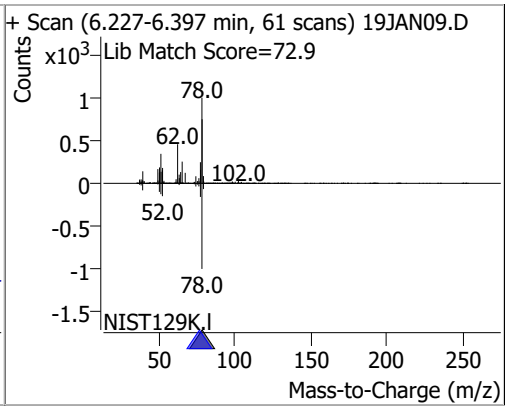




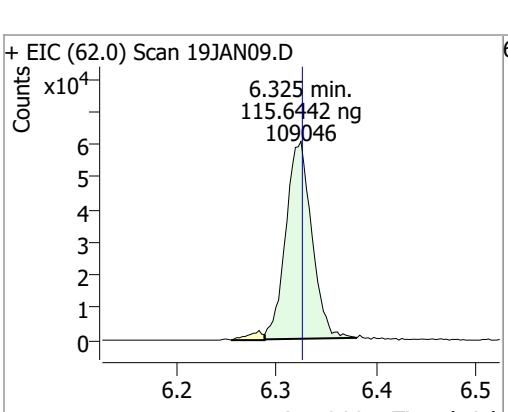
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	124.4545	6.28	0.00	424881	77.0	23.3	0.0	53.3

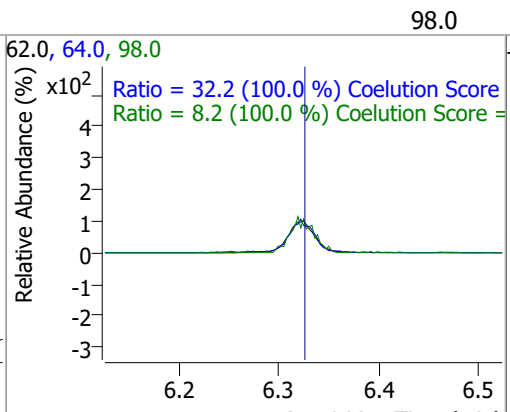


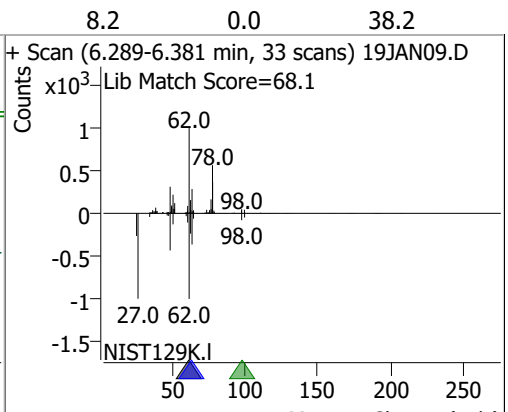




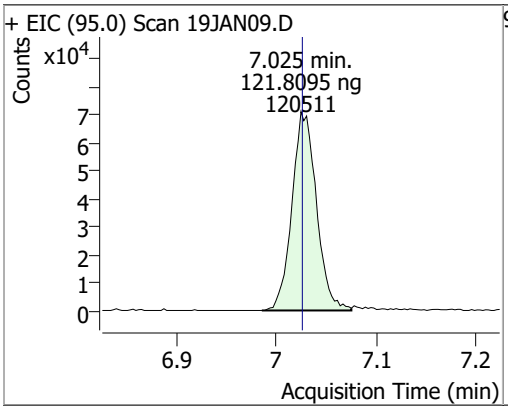
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	115.6442	6.32	0.00	109046	64.0	32.2	2.2	62.2
					98.0	8.2	0.0	38.2

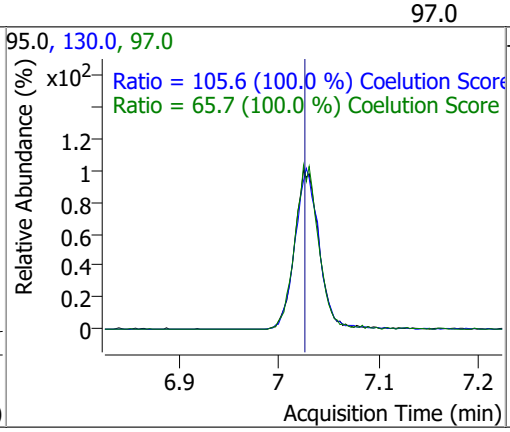


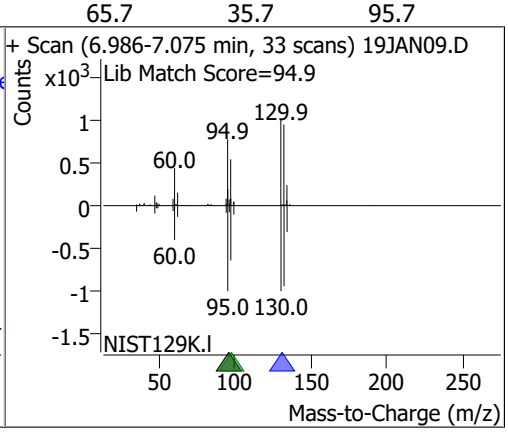




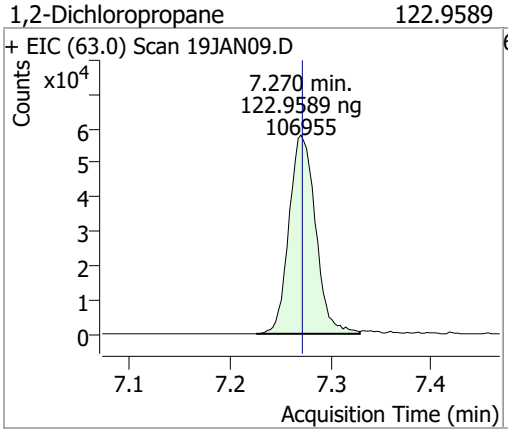
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	121.8095	7.02	0.00	120511	130.0	105.6	75.6	135.6
					97.0	65.7	35.7	95.7

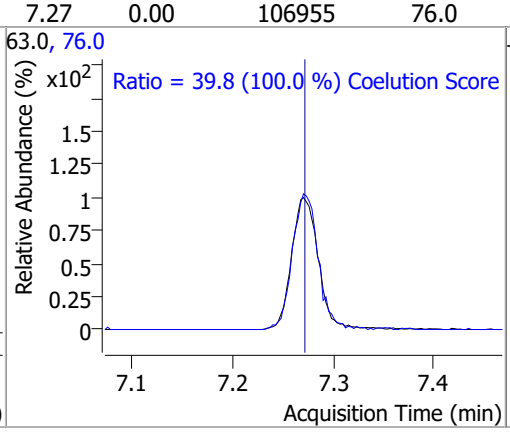


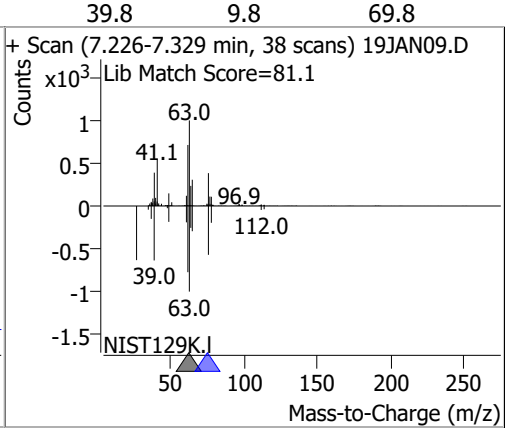




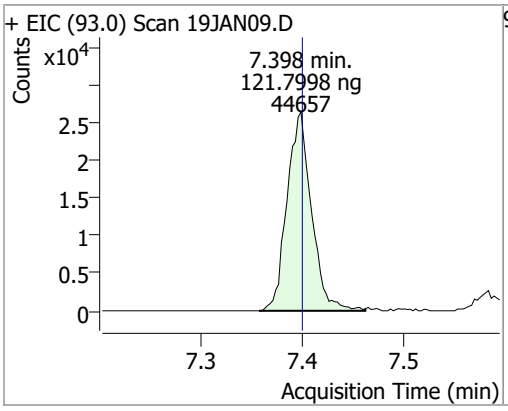
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	122.9589	7.27	0.00	106955	76.0	39.8	9.8	69.8

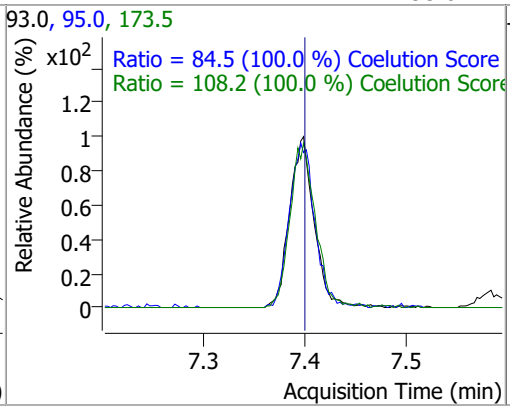


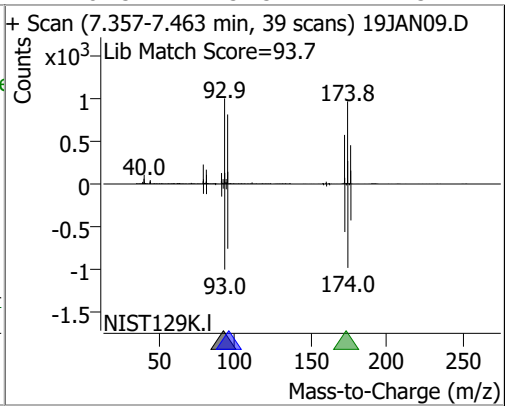




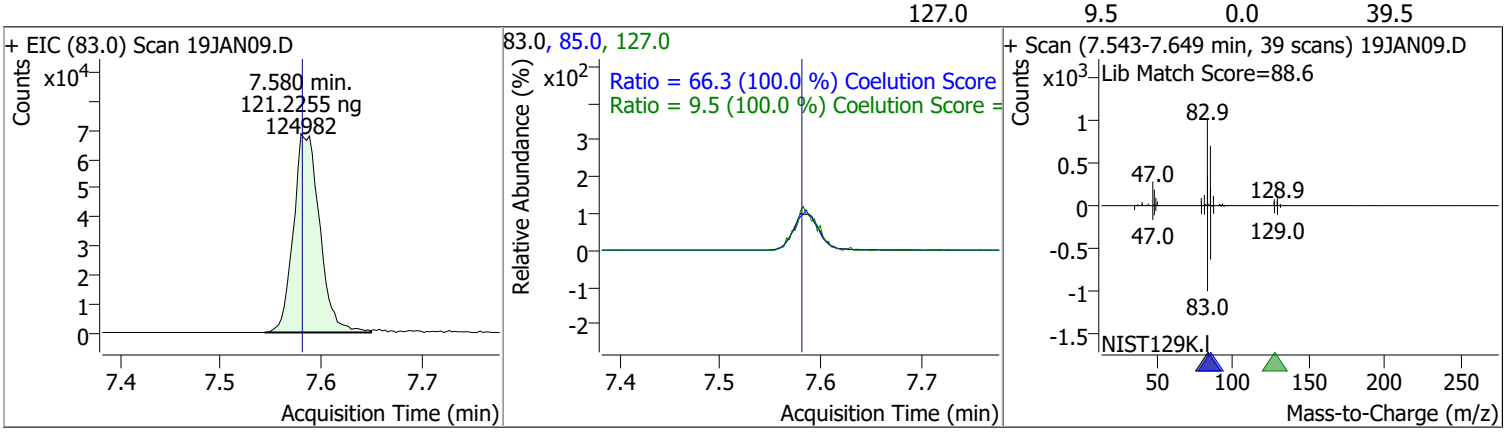
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	121.7998	7.40	0.00	44657	173.5	108.2	78.2	138.2
					95.0	84.5	54.5	114.5



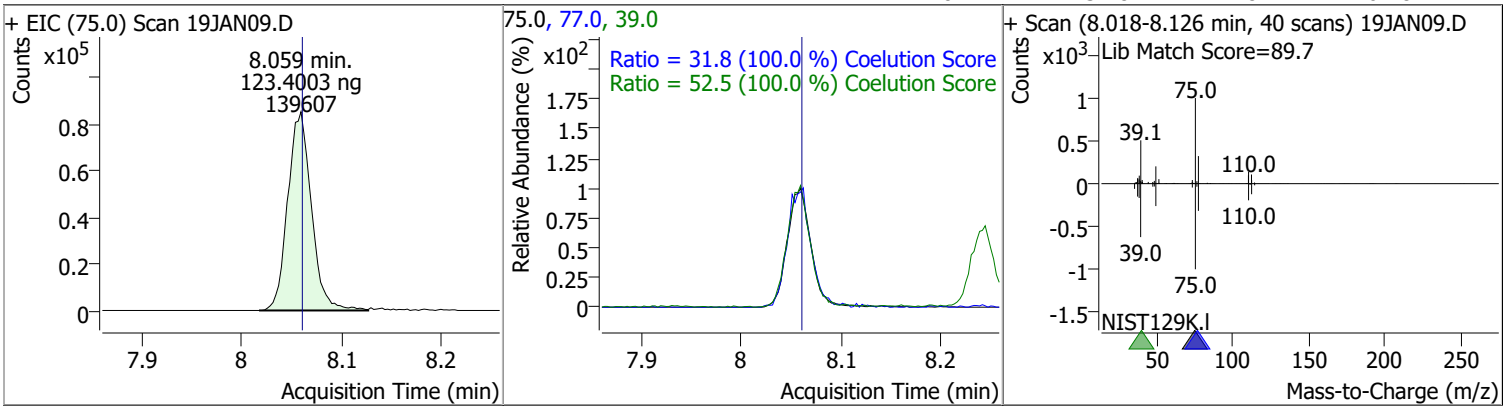




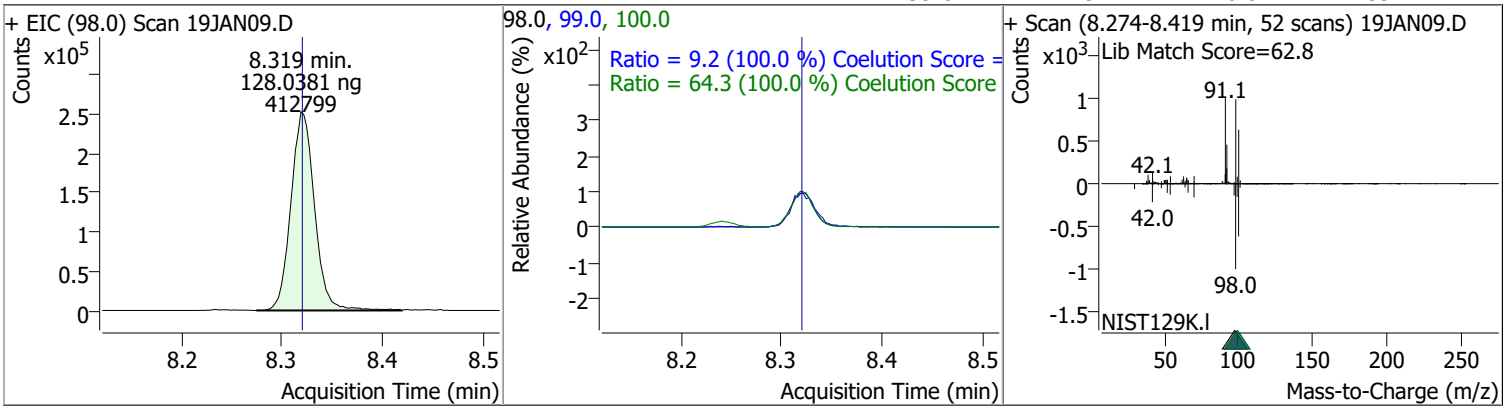
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	121.2255	7.58	0.00	124982	85.0	66.3	36.3	96.3
					127.0	9.5	0.0	39.5



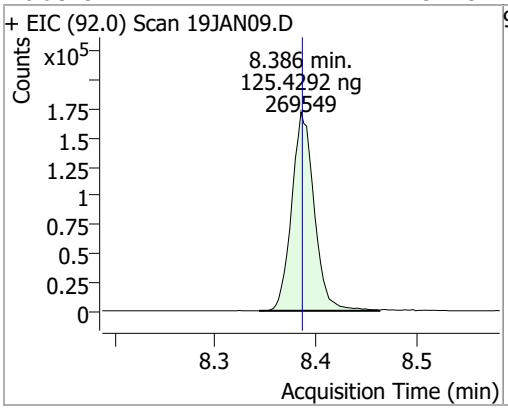
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	123.4003	8.06	0.00	139607	39.0	52.5	22.5	82.5
					77.0	31.8	1.8	61.8

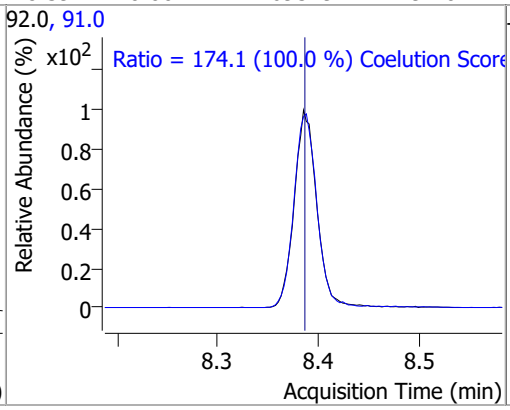


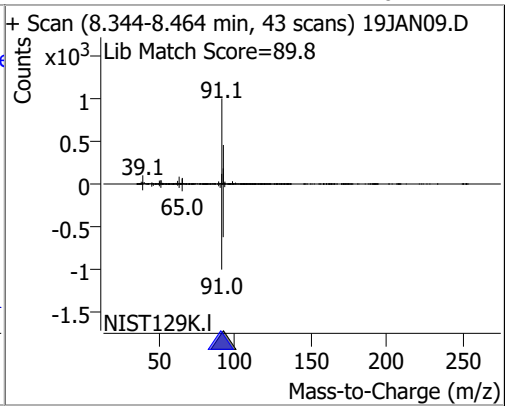
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	128.0381	8.32	0.00	412799	100.0	64.3	34.3	94.3
					99.0	9.2	0.0	39.2



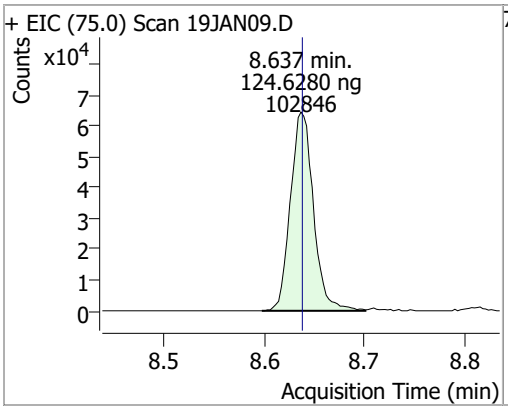
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	125.4292	8.39	0.00	269549	91.0	174.1	144.1	204.1

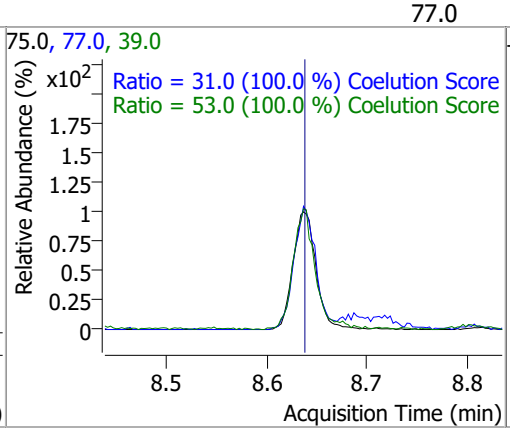


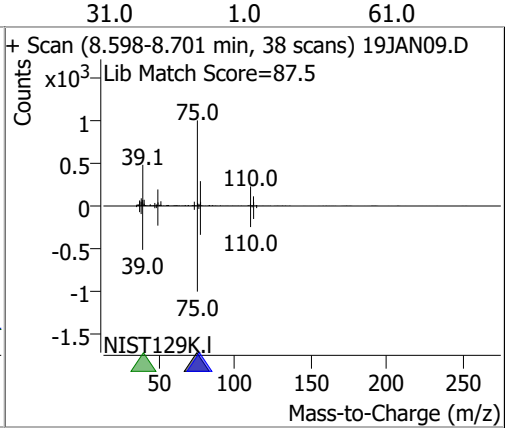




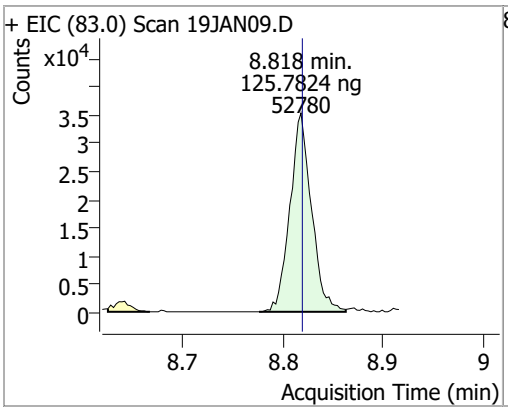
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	124.6280	8.64	0.00	102846	39.0	53.0	23.0	83.0
					77.0	31.0	1.0	61.0

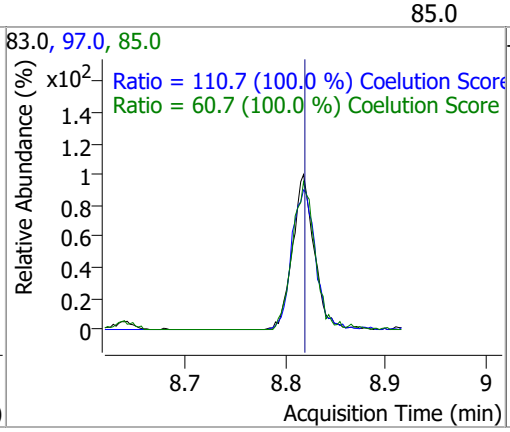


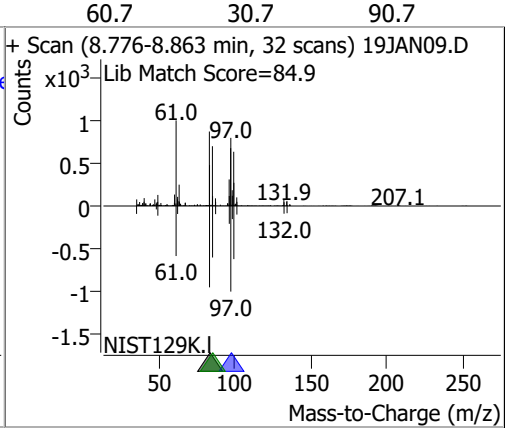




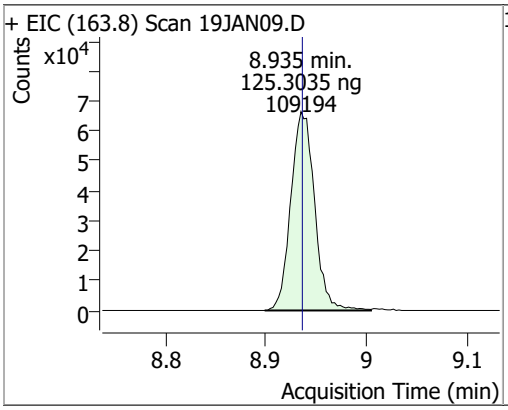
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	125.7824	8.82	0.00	52780	97.0	110.7	80.7	140.7
					85.0	60.7	30.7	90.7

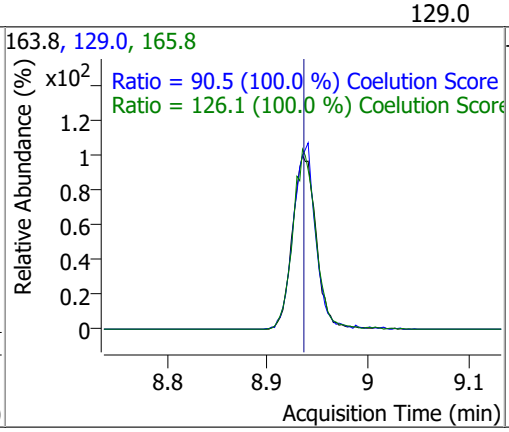


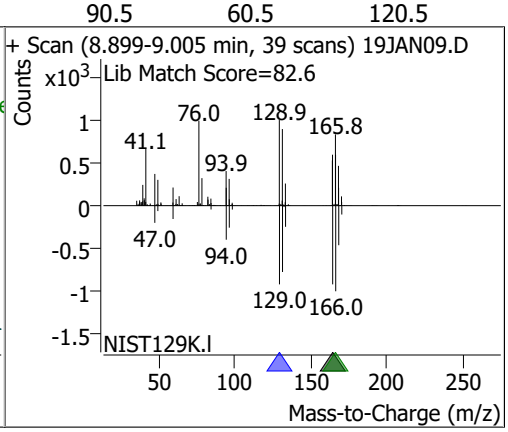




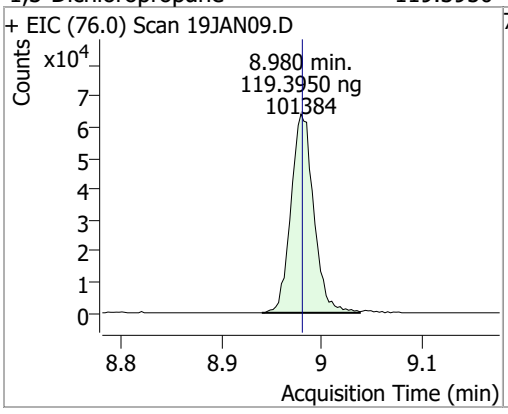
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	125.3035	8.94	0.00	109194	165.8	126.1	96.1	156.1
					129.0	90.5	60.5	120.5

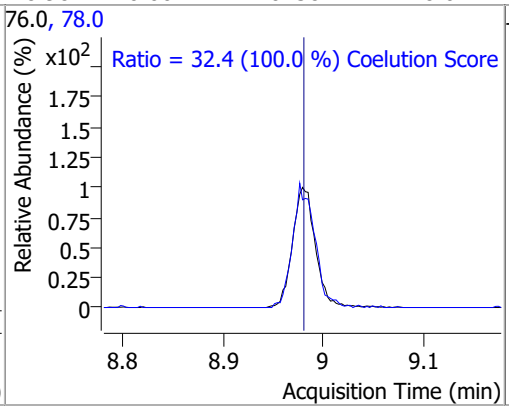


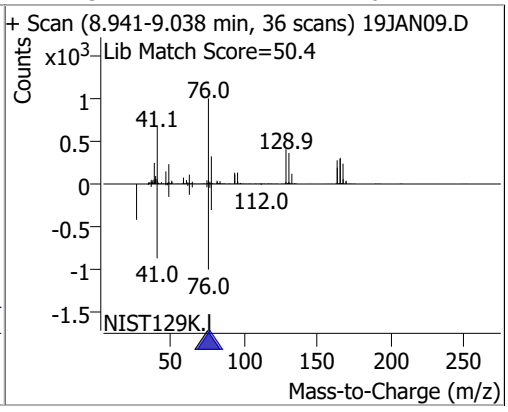




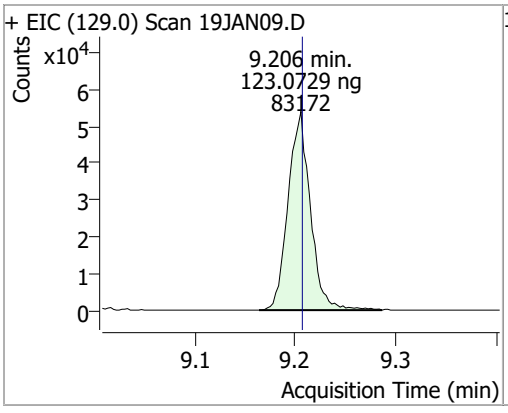
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	119.3950	8.98	0.00	101384	78.0	32.4	2.4	62.4

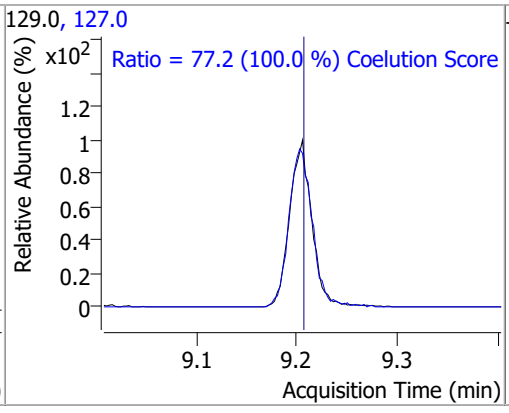


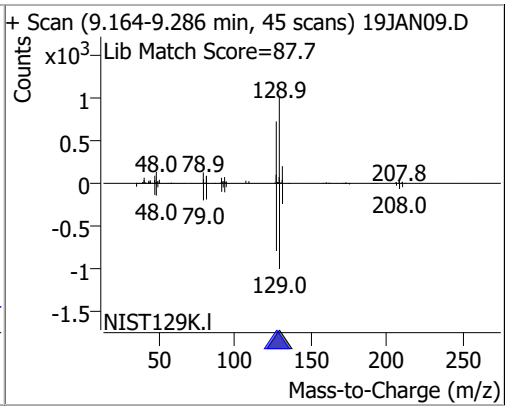




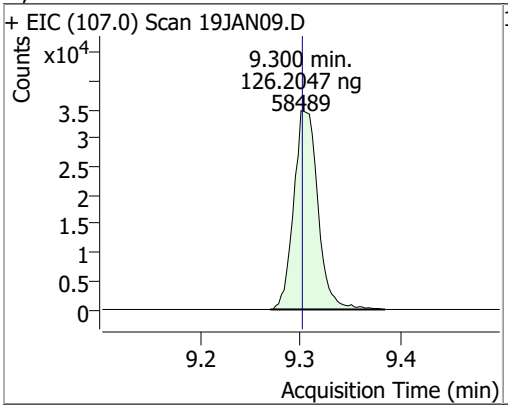
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	123.0729	9.21	0.00	83172	127.0	77.2	47.2	107.2

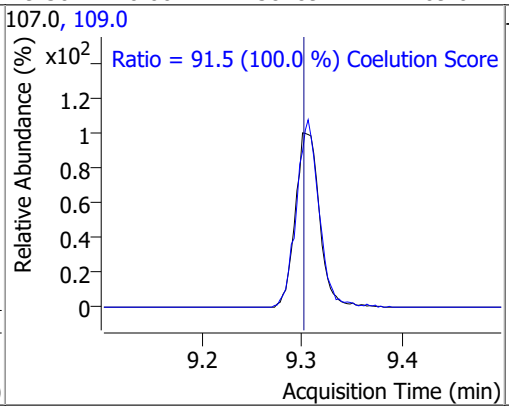


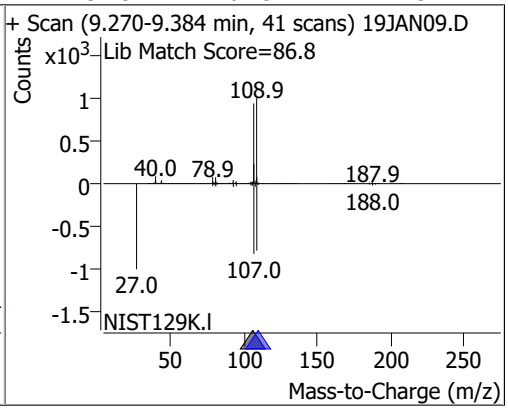




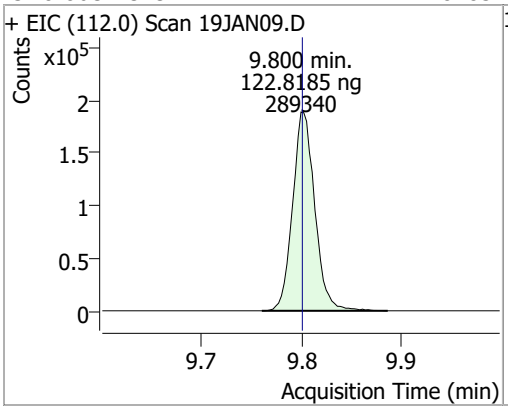
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	126.2047	9.30	0.00	58489	109.0	91.5	61.5	121.5

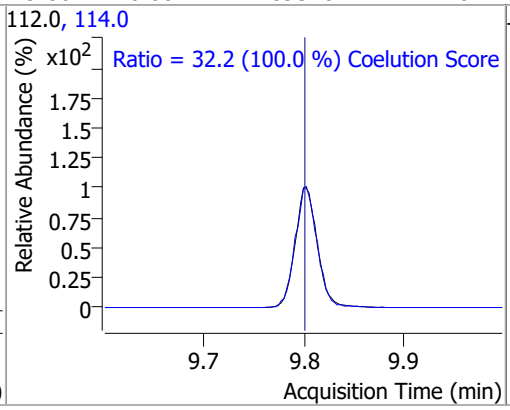


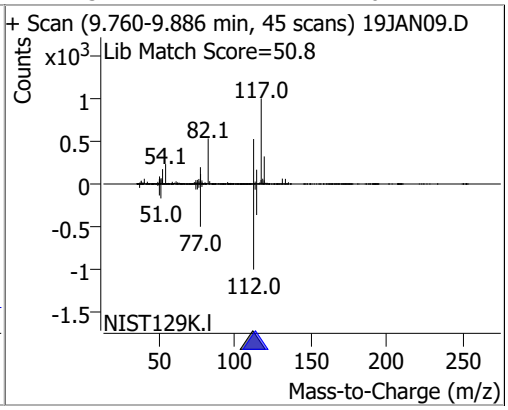




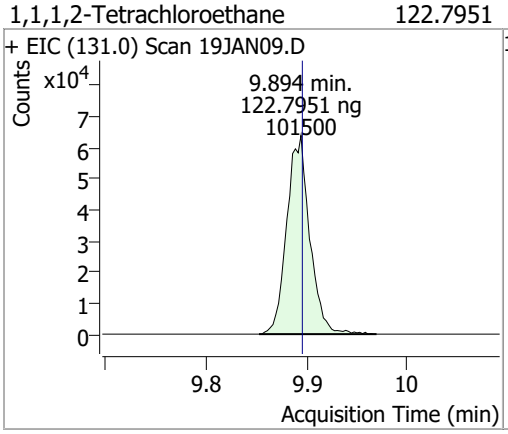
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	122.8185	9.80	0.00	289340	114.0	32.2	2.2	62.2

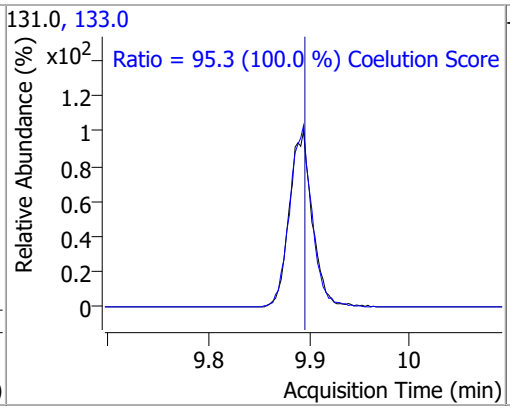


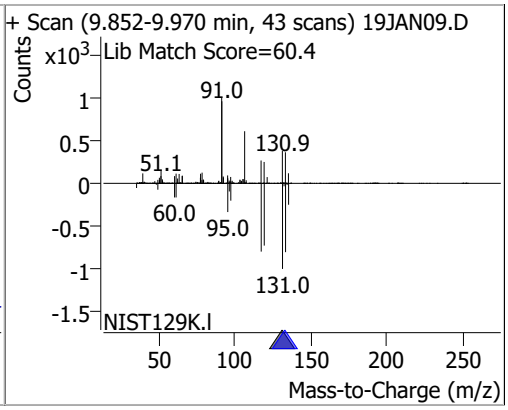




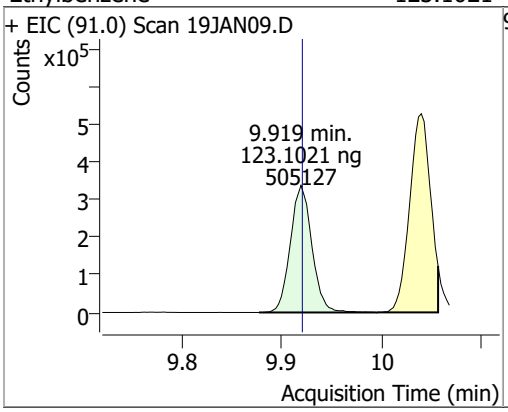
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	122.7951	9.89	0.00	101500	133.0	95.3	65.3	125.3

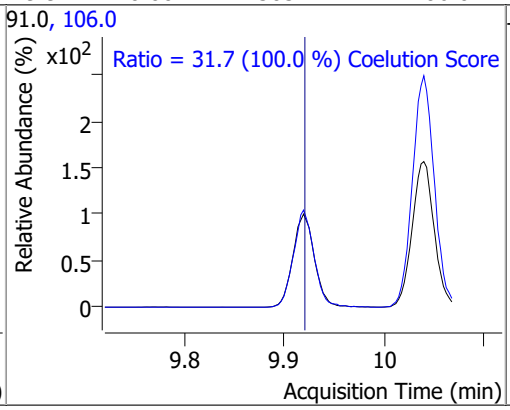


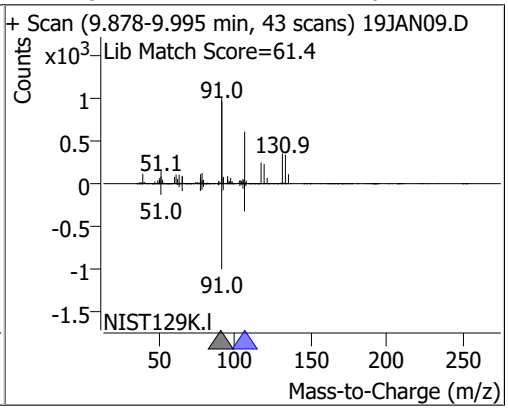




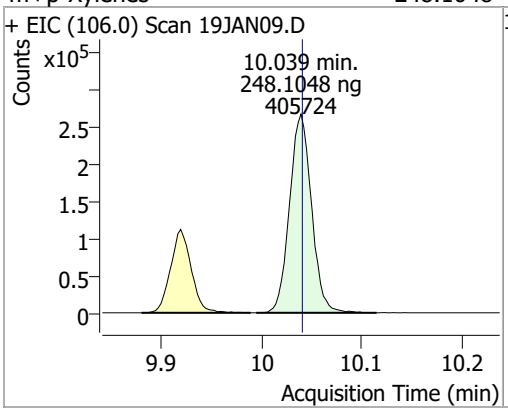
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	123.1021	9.92	0.00	505127	106.0	31.7	1.7	61.7

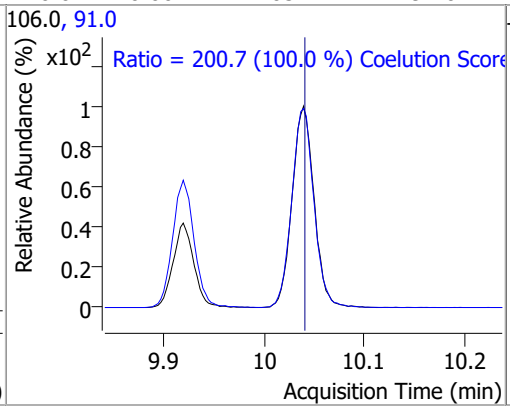


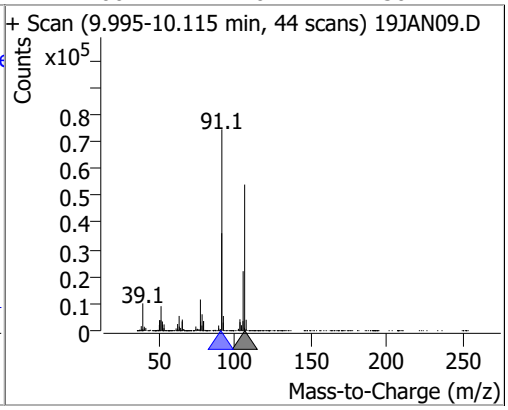




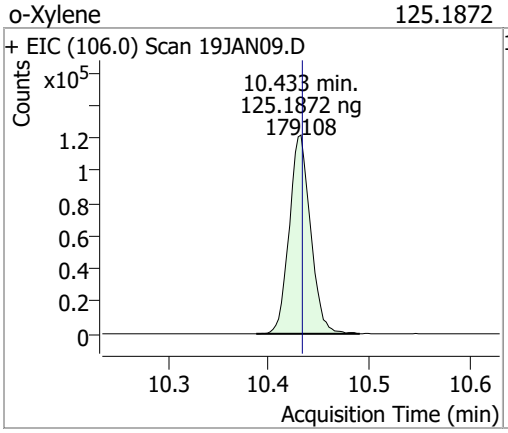
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	248.1048	10.04	0.00	405724	91.0	200.7	170.7	230.7

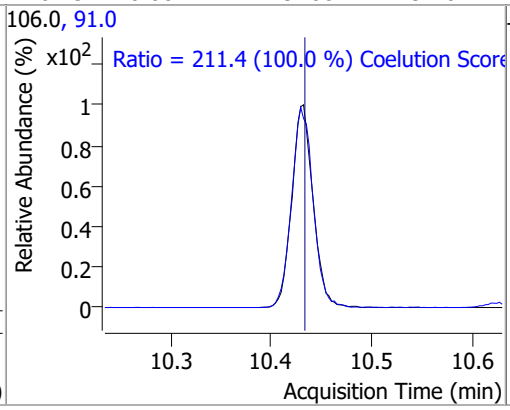


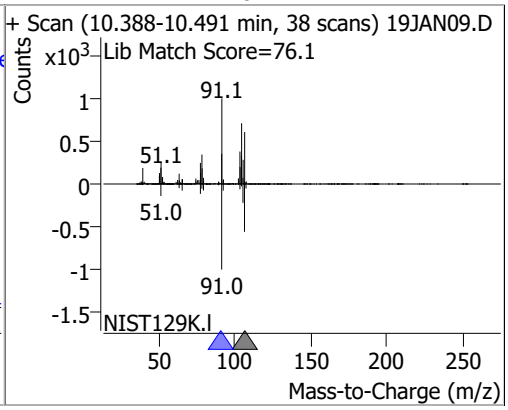




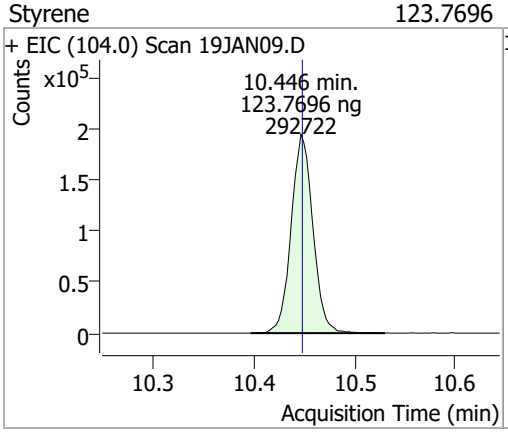
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	125.1872	10.43	0.00	179108	91.0	211.4	181.4	241.4

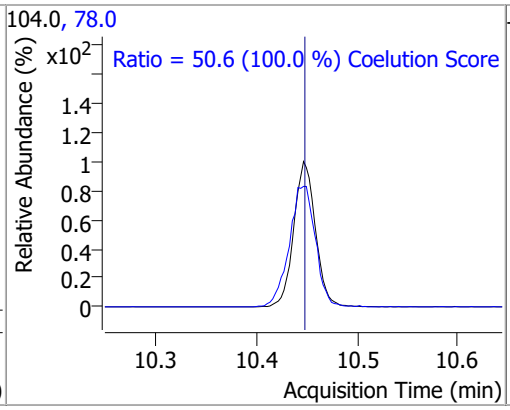


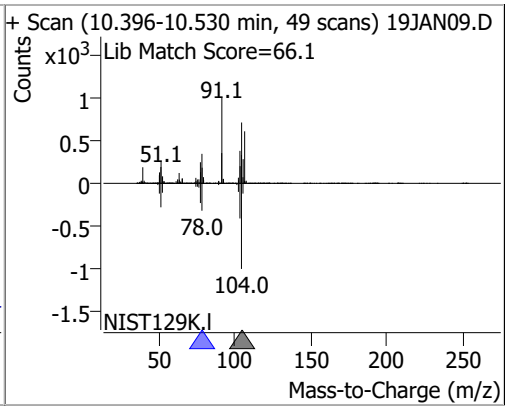




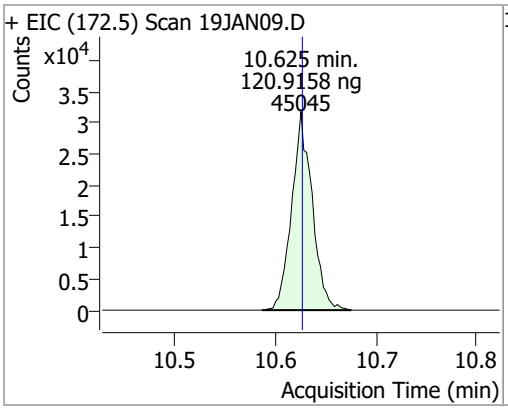
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	123.7696	10.45	0.00	292722	78.0	50.6	20.6	80.6

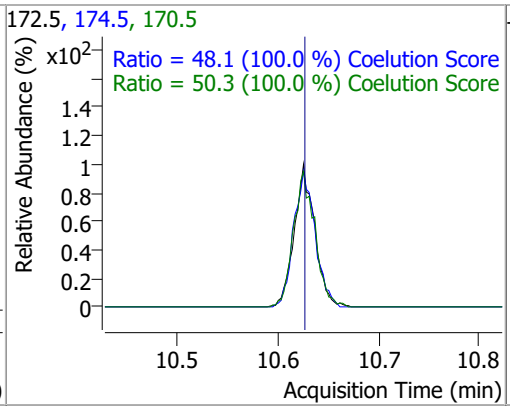


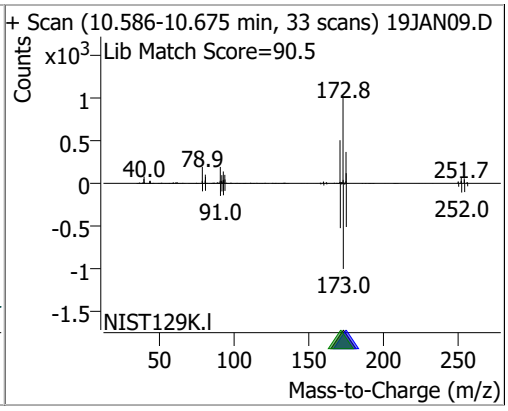




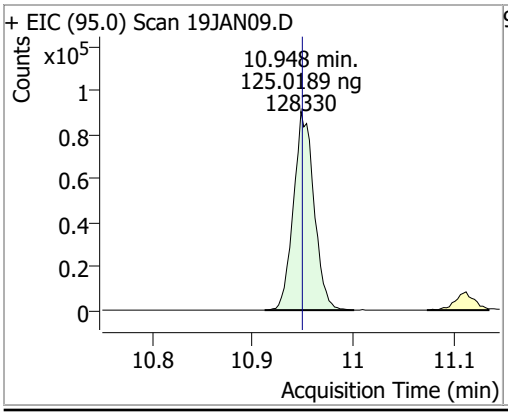
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	120.9158	10.62	0.00	45045	170.5	50.3	20.3	80.3
					174.5	48.1	18.1	78.1

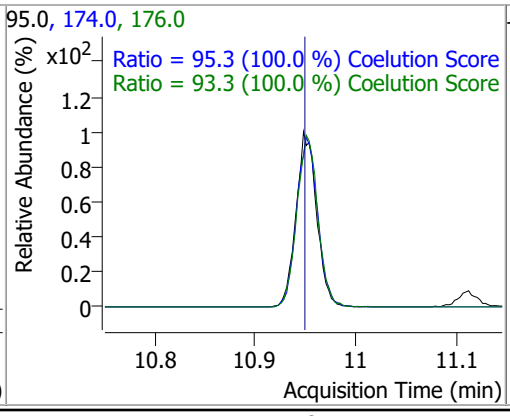


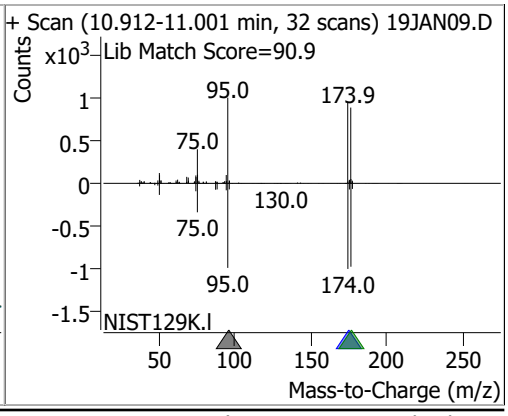




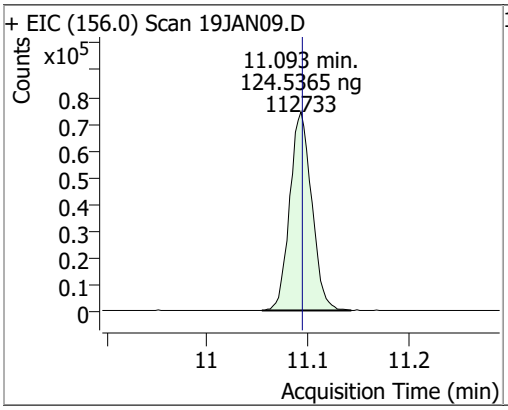
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	125.0189	10.95	0.00	128330	174.0	95.3	65.3	125.3
					176.0	93.3	63.3	123.3

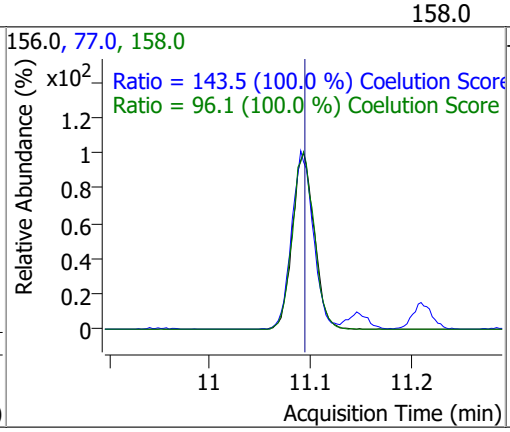


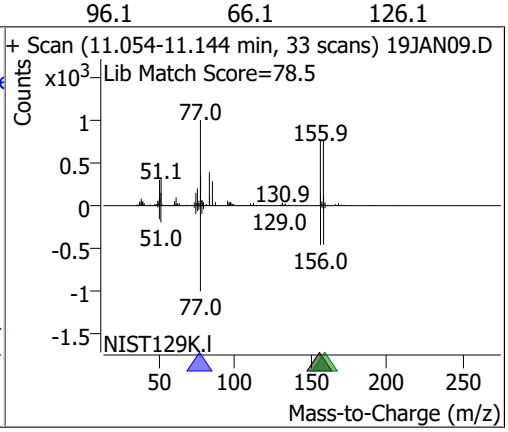




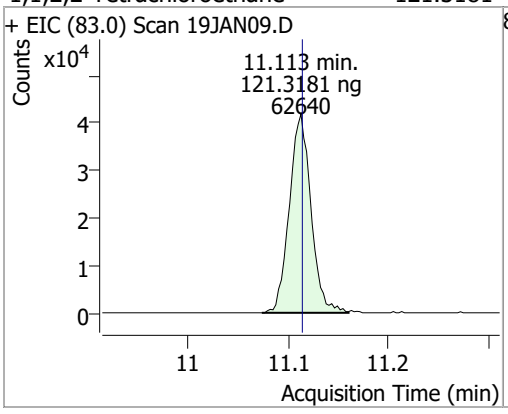
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	124.5365	11.09	0.00	112733	77.0	143.5	113.5	173.5
					158.0	96.1	66.1	126.1

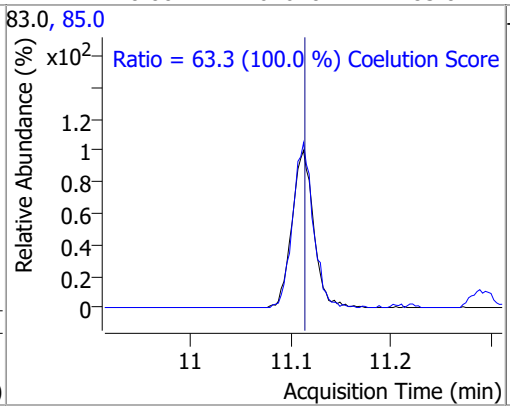


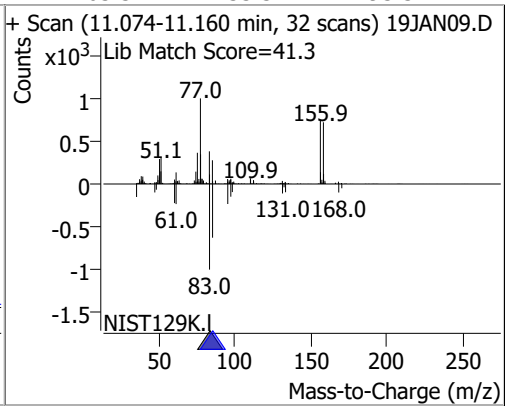




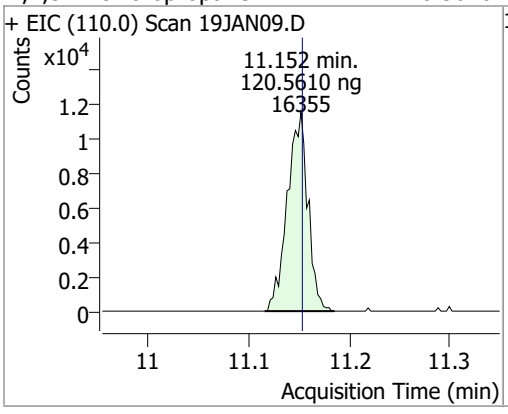
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	121.3181	11.11	0.00	62640	85.0	63.3	33.3	93.3

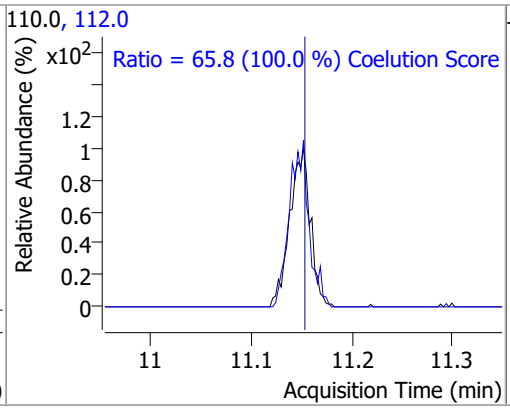


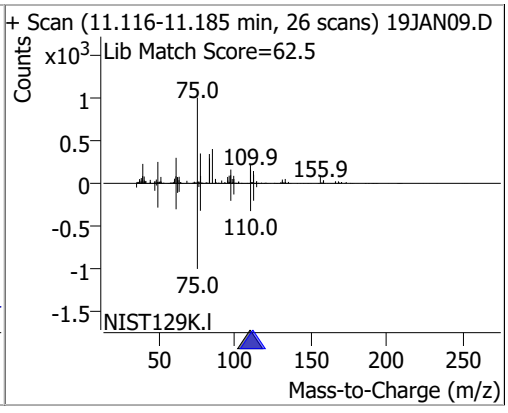




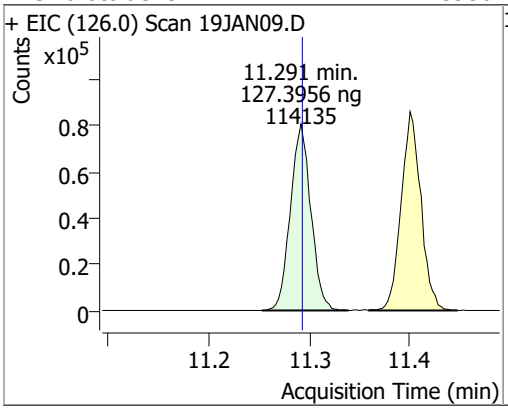
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	120.5610	11.15	0.00	16355	112.0	65.8	35.8	95.8

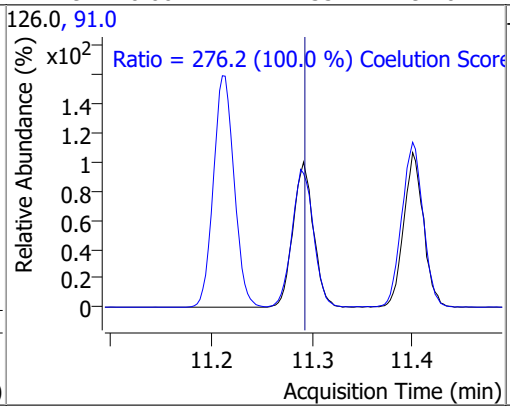


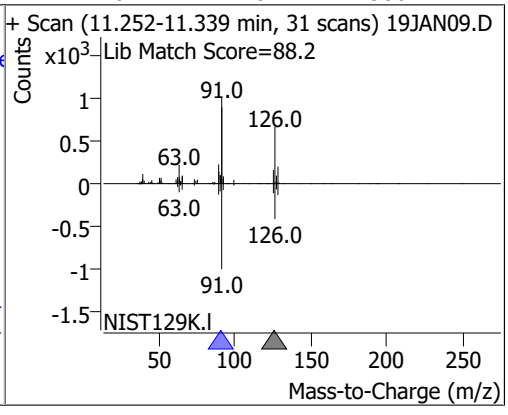




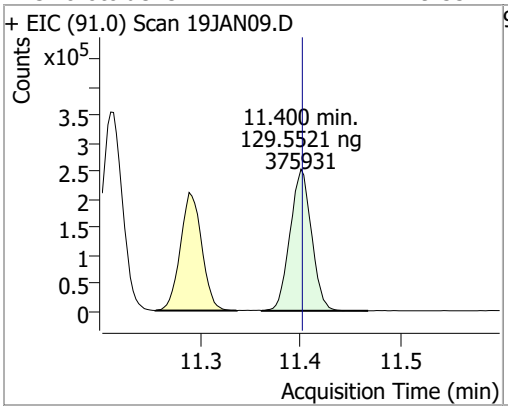
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	127.3956	11.29	0.00	114135	91.0	276.2	246.2	306.2

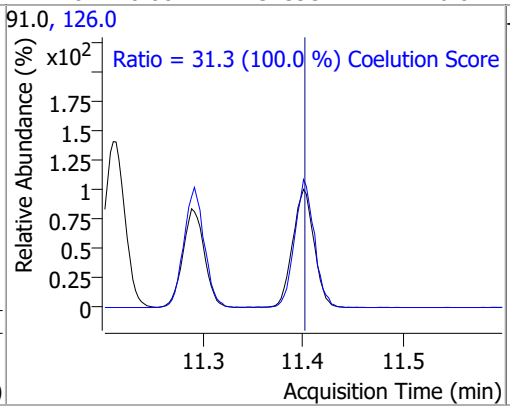


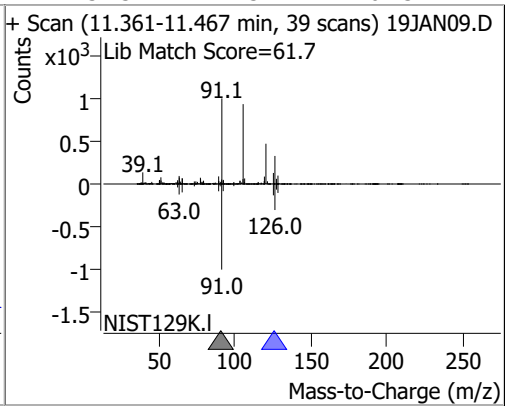




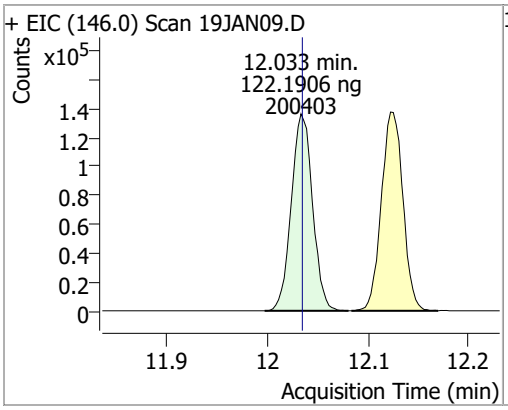
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	129.5521	11.40	0.00	375931	126.0	31.3	1.3	61.3

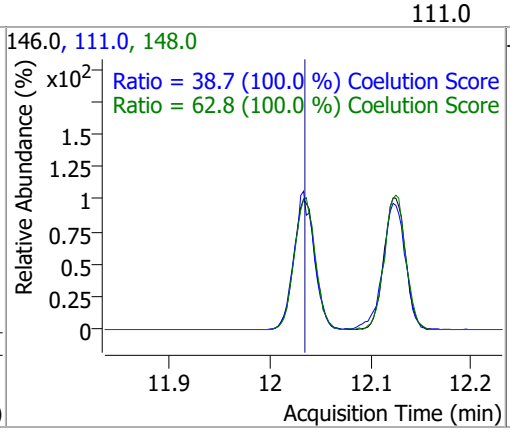


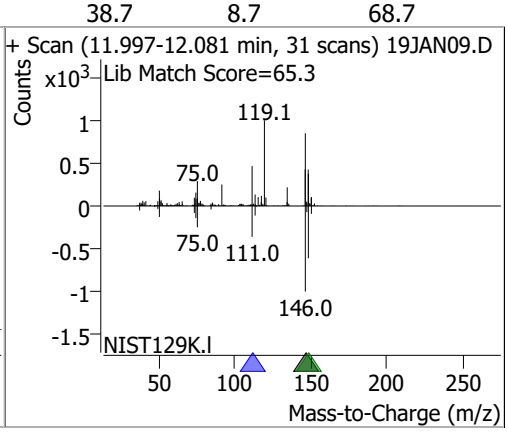




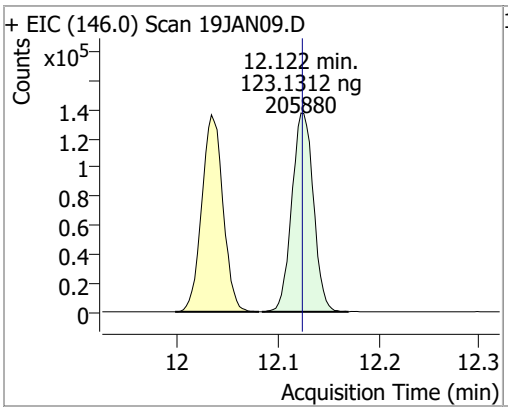
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	122.1906	12.03	0.00	200403	148.0	62.8	32.8	92.8
					111.0	38.7	8.7	68.7

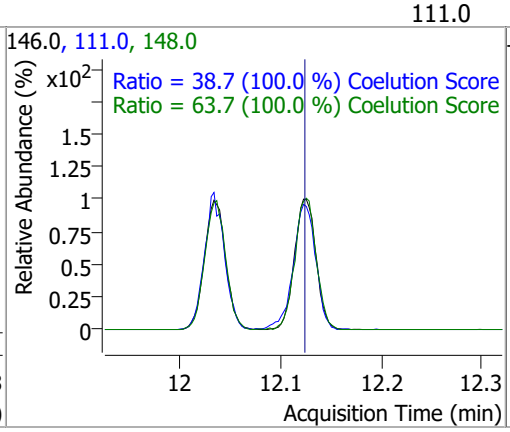


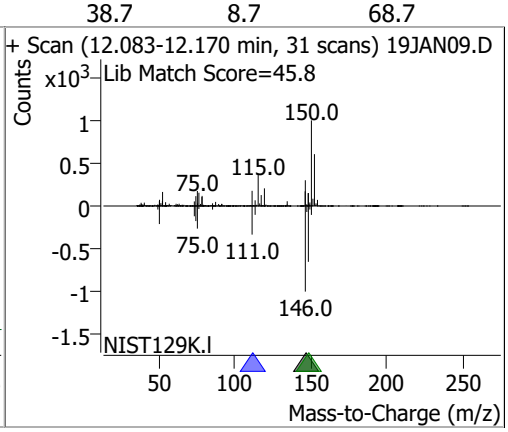




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	123.1312	12.12	0.00	205880	148.0	63.7	33.7	93.7
					111.0	38.7	8.7	68.7

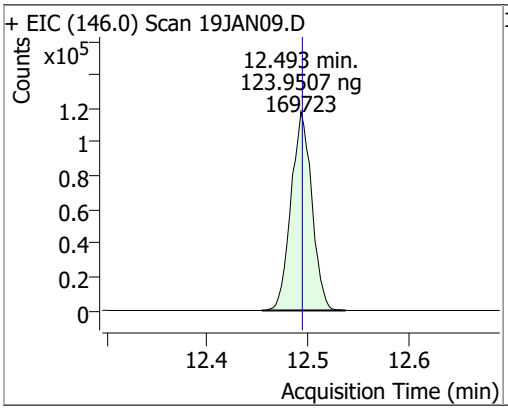


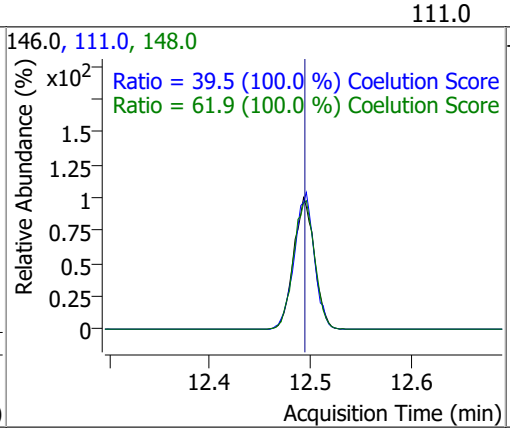


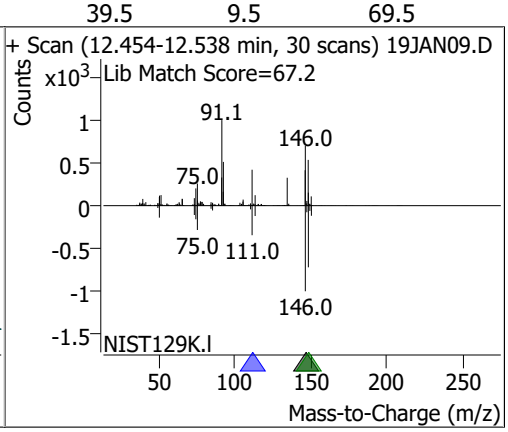


Quantitation Results Report (QT Reviewed)

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
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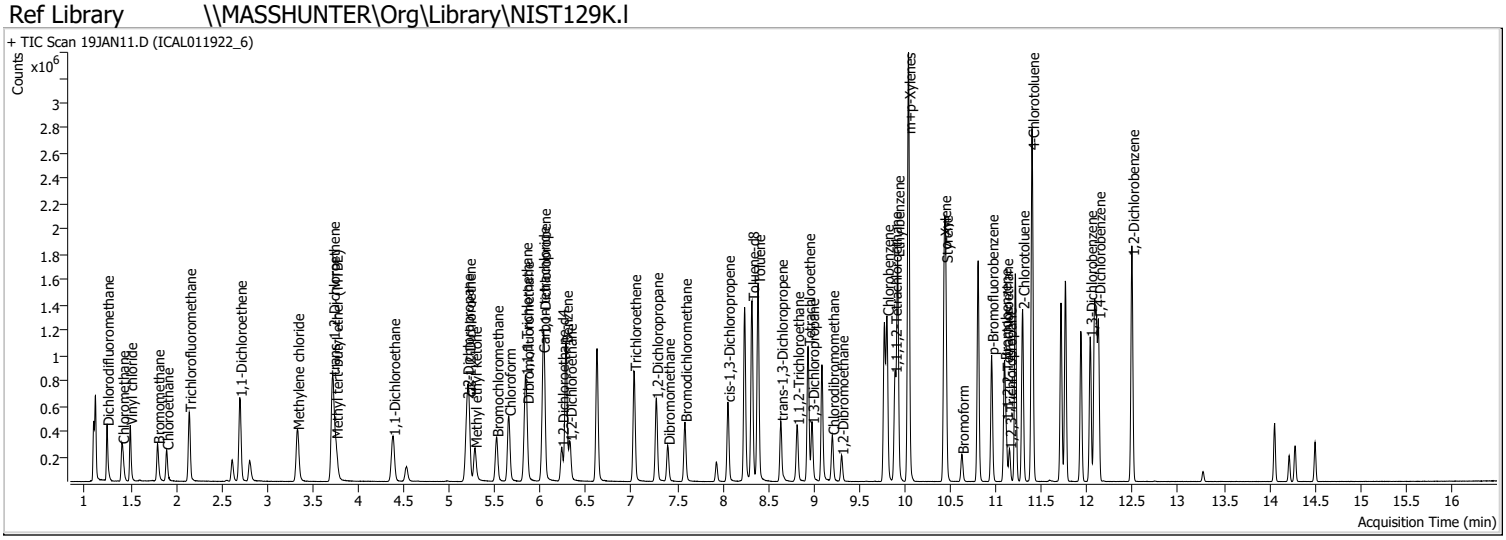
Sample Name	ICAL011922_6	Instrument	VOA5975C
Vial	11	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

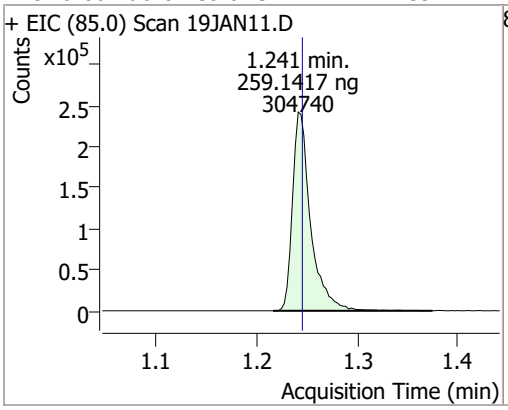


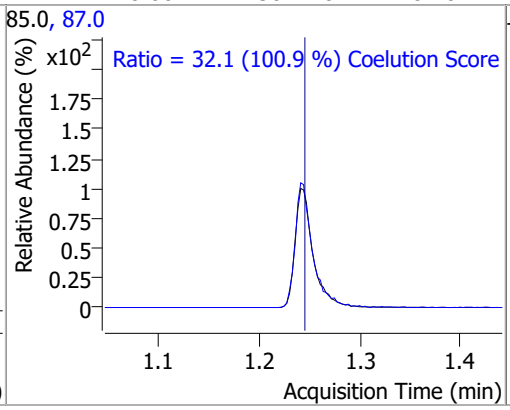
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	874562	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	333271	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	280059	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.851	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

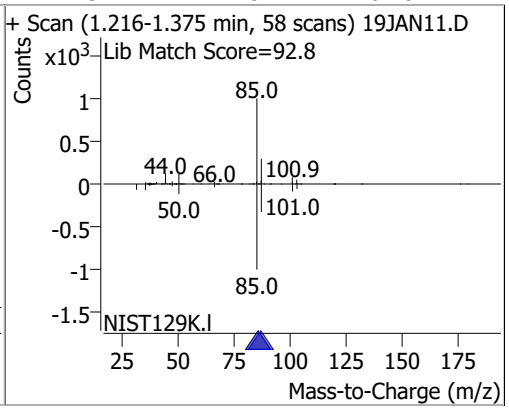
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	414139	264.4318	ng	99
T Carbon tetrachloride	6.027	117.0	404308	266.1753	ng	99
T 1,1-Dichloropropene	6.038	75.0	350070	275.6455	ng	99
T Benzene	6.277	78.0	920174	263.3789	ng	100
T 1,2-Dichloroethane	6.322	62.0	236845	245.4404	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

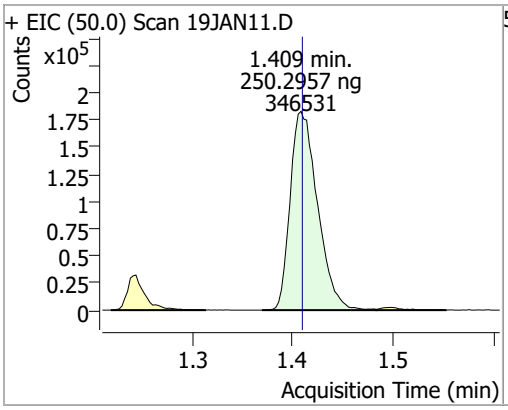
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	259.1417	1.24	0.00	304740	87.0	32.1	1.8	61.8

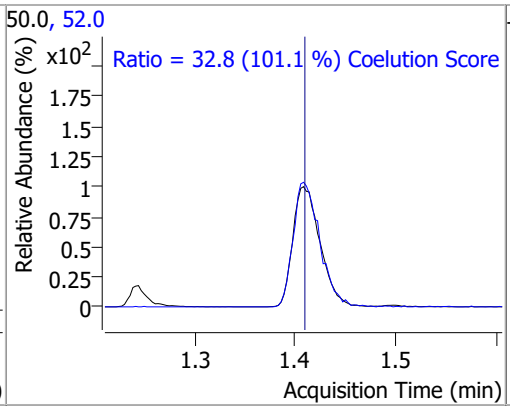


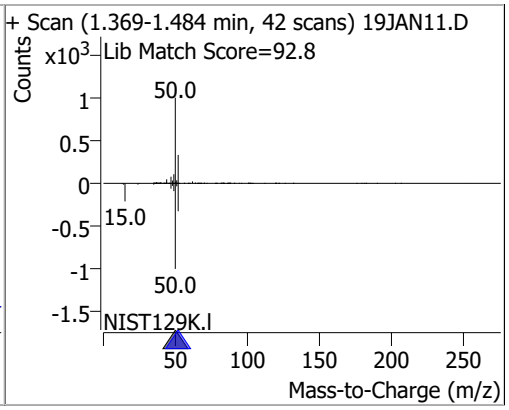




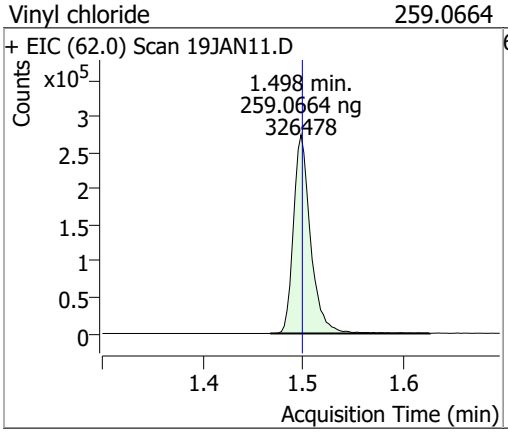
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	250.2957	1.41	0.00	346531	52.0	32.8	2.4	62.4

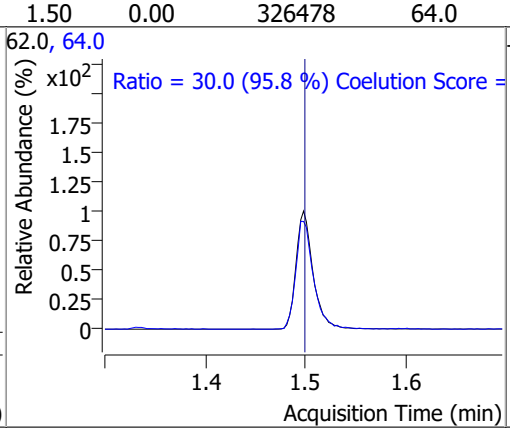


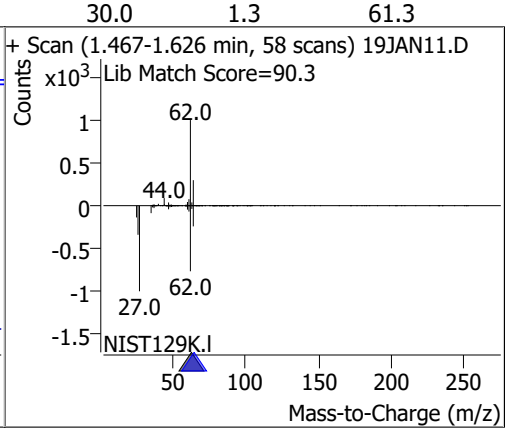




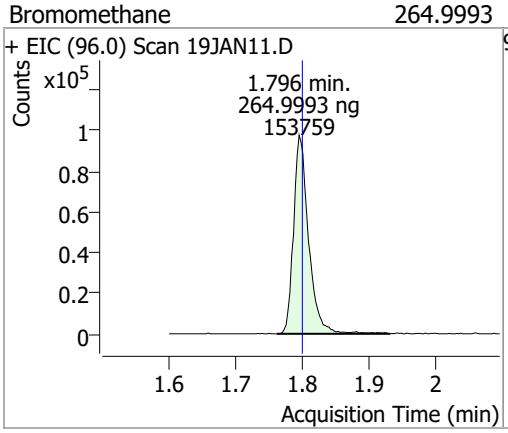
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	259.0664	1.50	0.00	326478	64.0	30.0	1.3	61.3

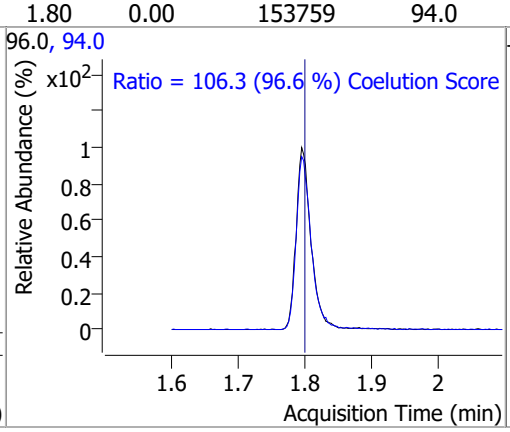


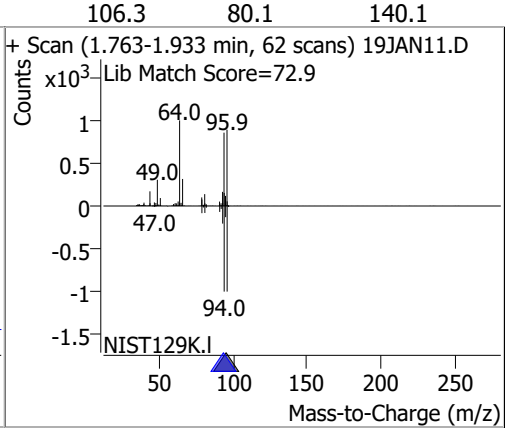




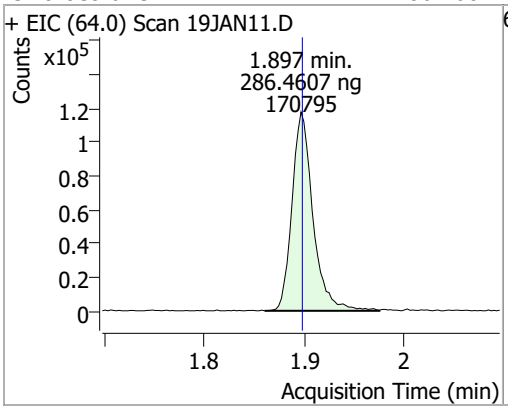
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	264.9993	1.80	0.00	153759	94.0	106.3	80.1	140.1

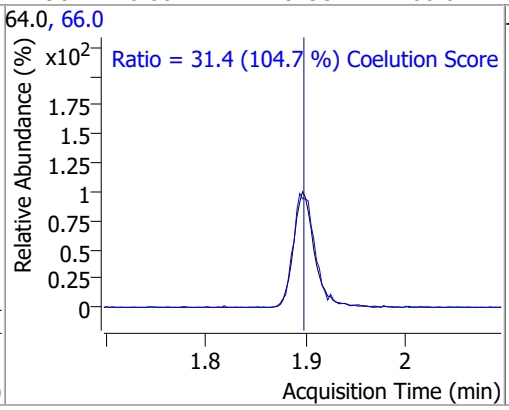


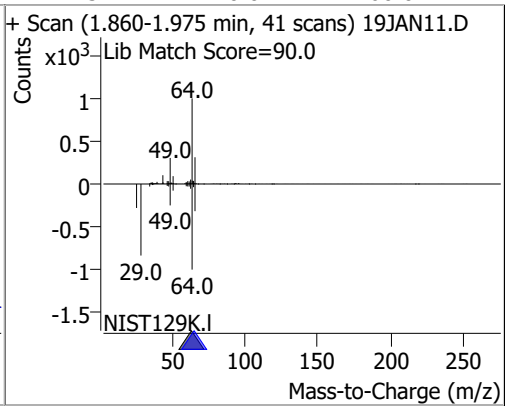




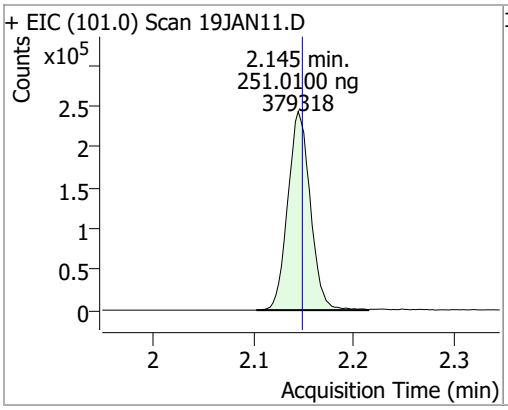
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	286.4607	1.90	0.00	170795	66.0	31.4	0.0	60.0

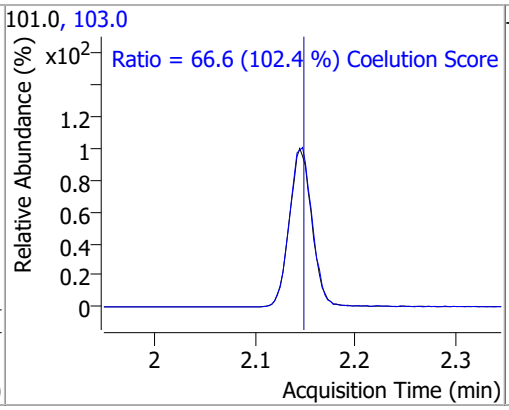


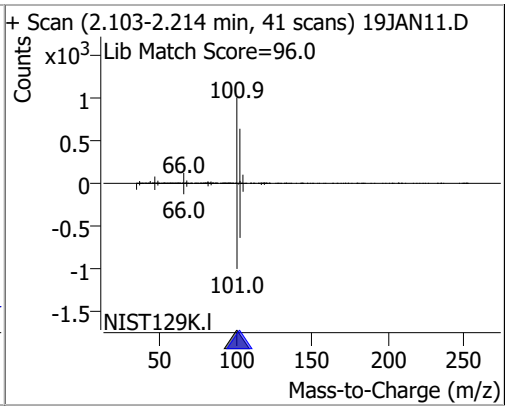




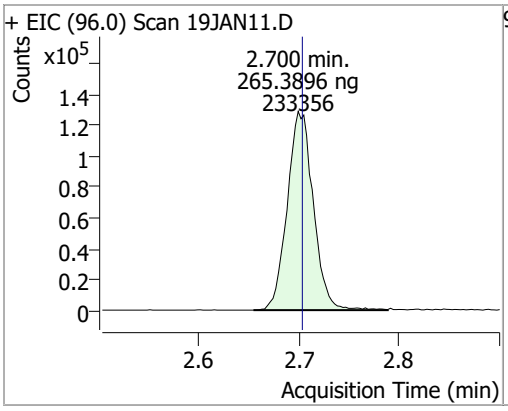
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	251.0100	2.14	0.00	379318	103.0	66.6	35.0	95.0

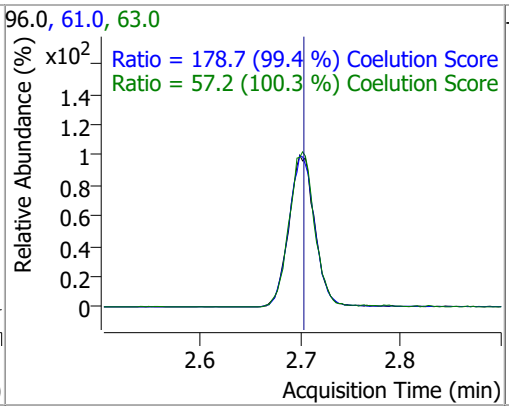


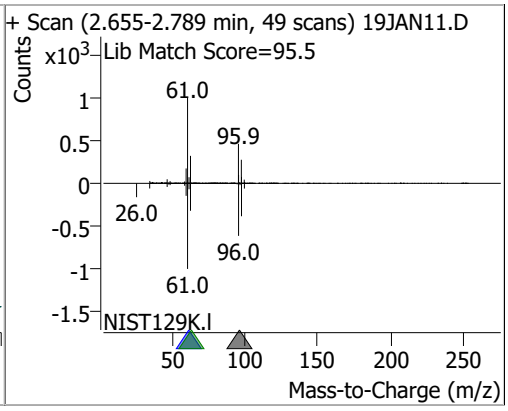




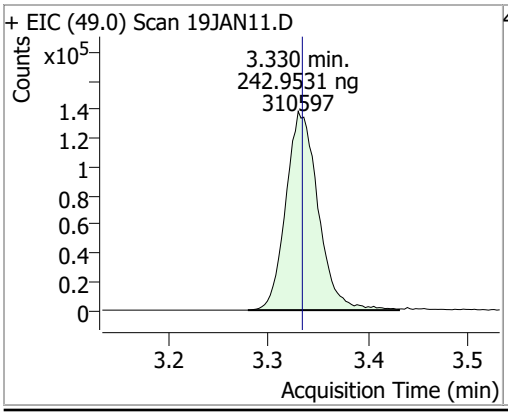
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	265.3896	2.70	0.00	233356	61.0	178.7	149.9	209.9
					63.0	57.2	27.0	87.0

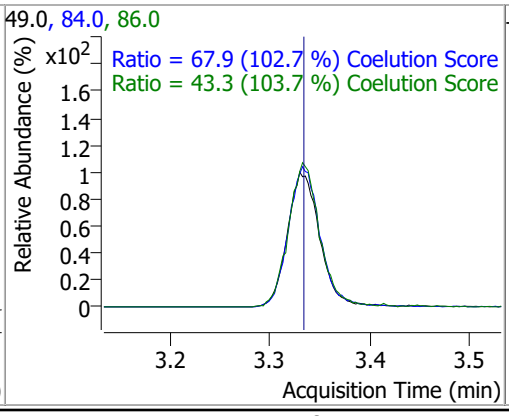


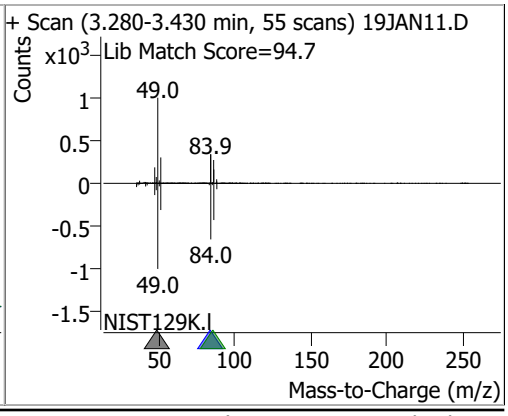




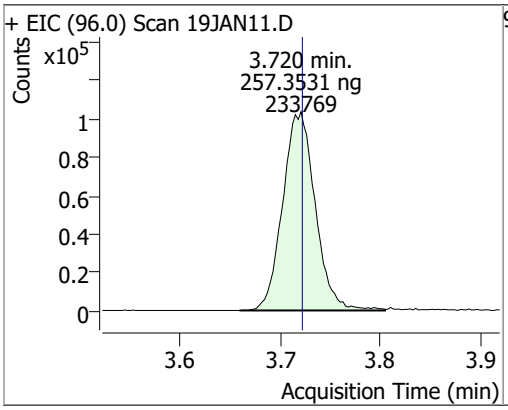
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	242.9531	3.33	0.00	310597	84.0	67.9	36.1	96.1
					86.0	43.3	11.8	71.8

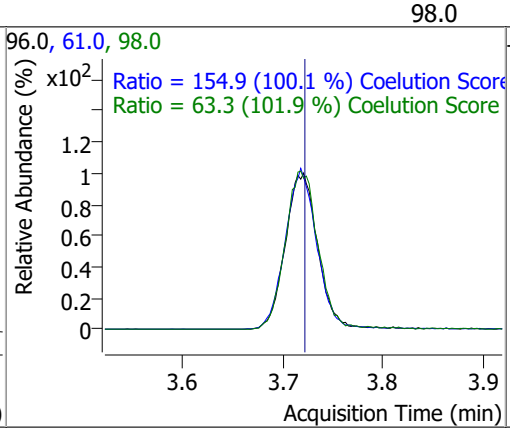


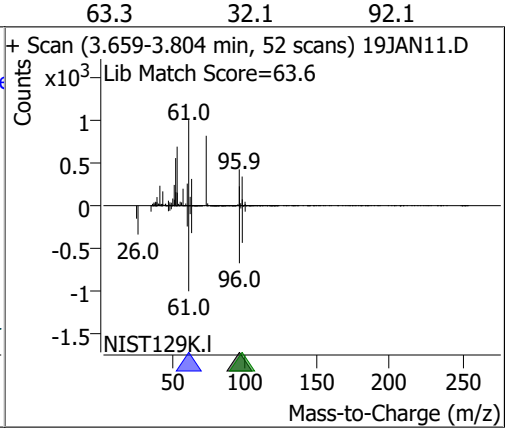




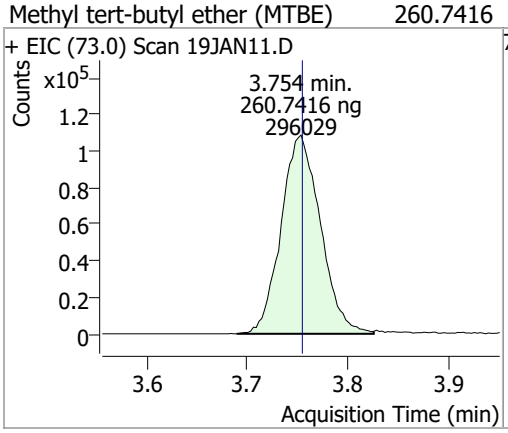
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	257.3531	3.72	0.00	233769	61.0	154.9	124.8	184.8
					98.0	63.3	32.1	92.1

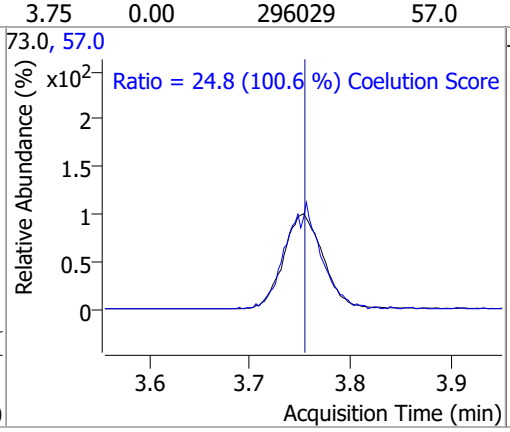


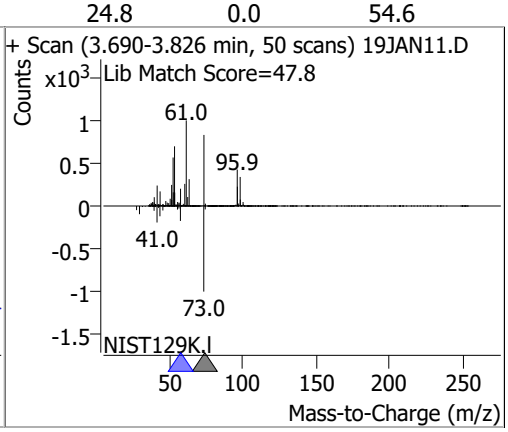




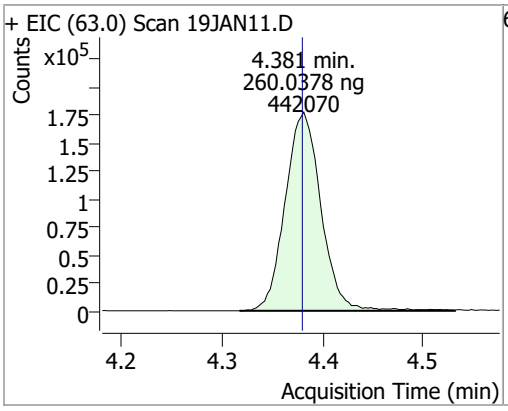
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	260.7416	3.75	0.00	296029	57.0	24.8	0.0	54.6

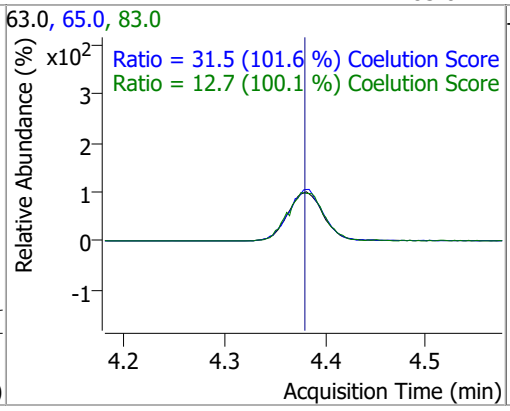


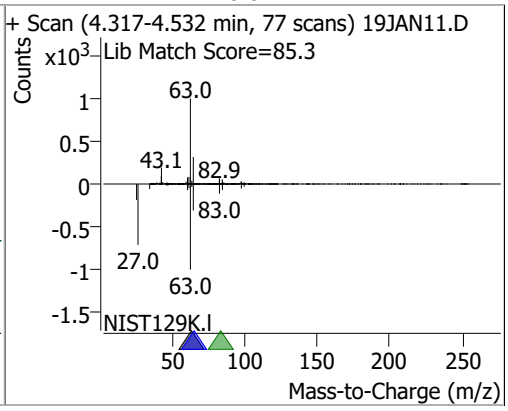




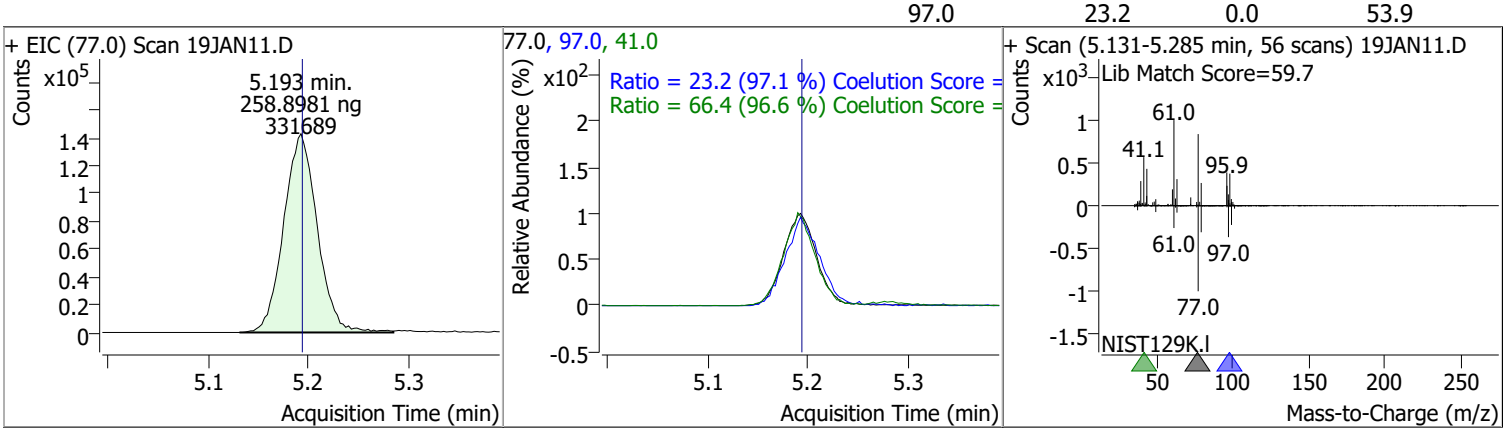
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	260.0378	4.38	0.00	442070	65.0	31.5	1.0	61.0
					83.0	12.7	0.0	42.7



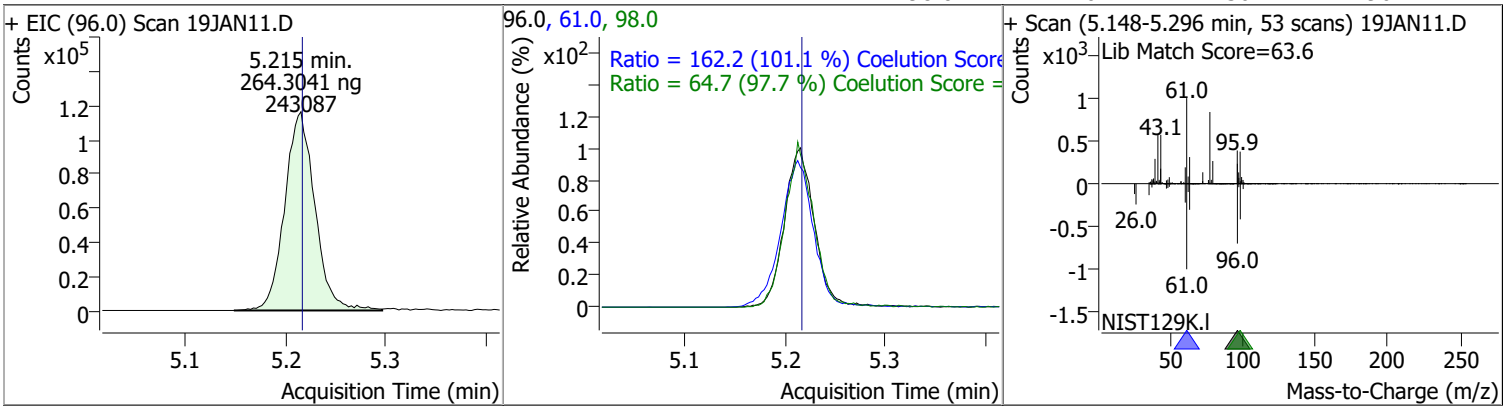




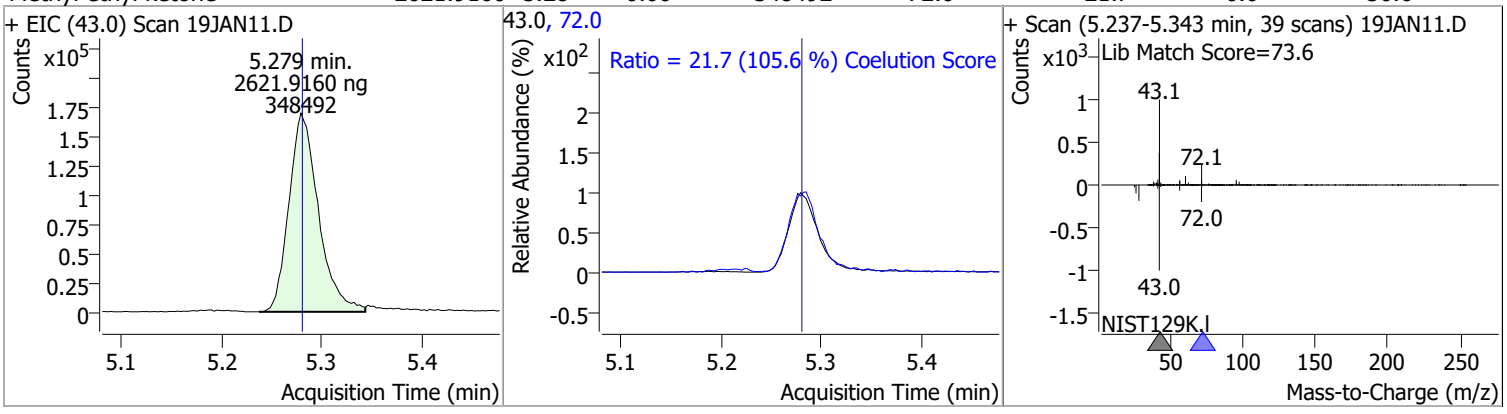
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	258.8981	5.19	0.00	331689	41.0	66.4	38.8	98.8
					97.0	23.2	0.0	53.9



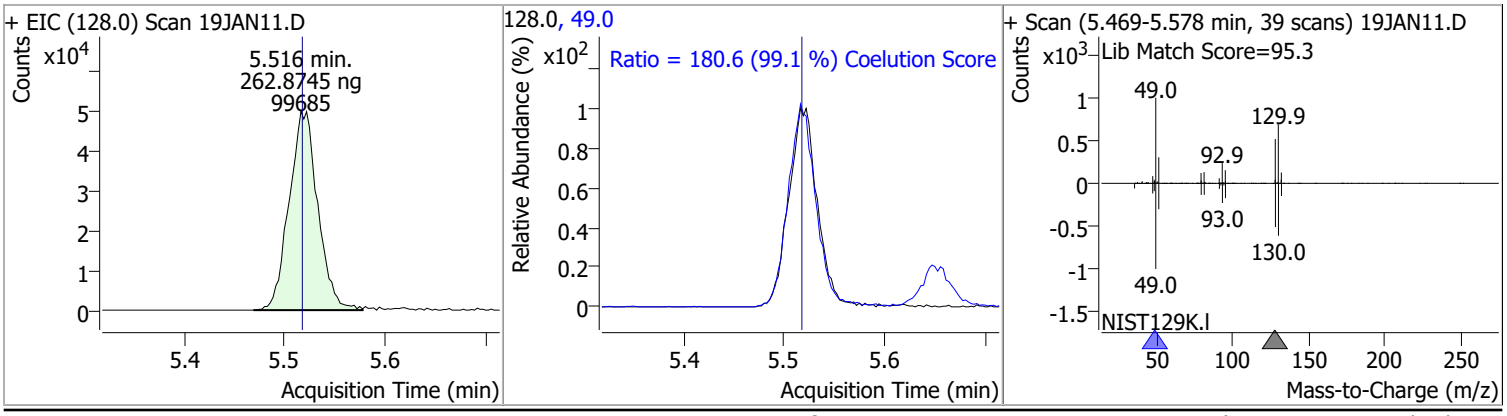
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	264.3041	5.22	0.00	243087	61.0	162.2	130.4	190.4
					98.0	64.7	36.2	96.2



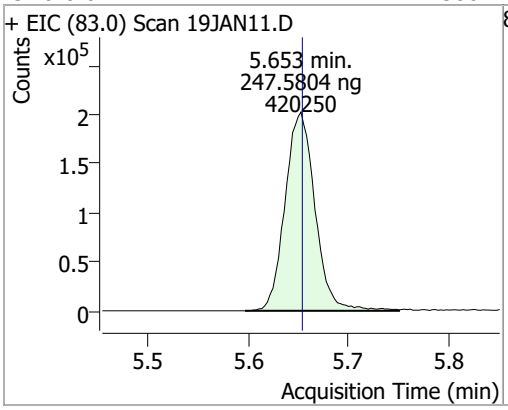
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	2621.9160	5.28	0.00	348492	72.0	21.7	0.0	50.6

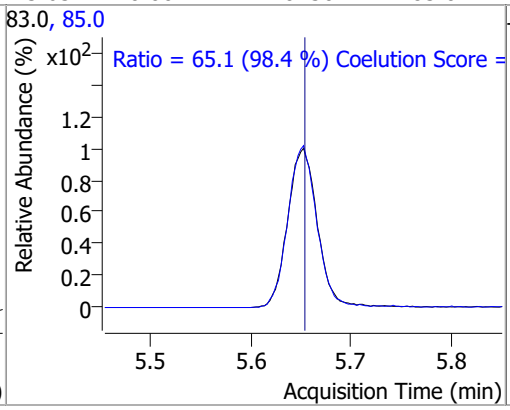


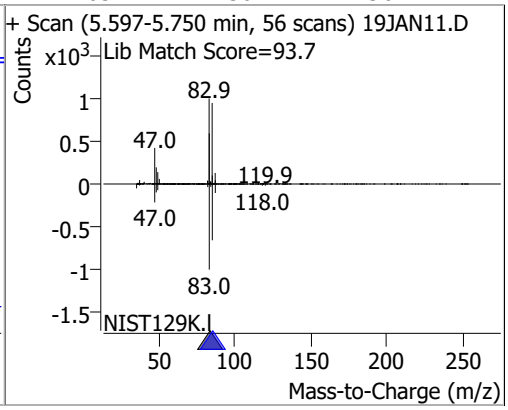
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	262.8745	5.52	0.00	99685	49.0	180.6	152.2	212.2



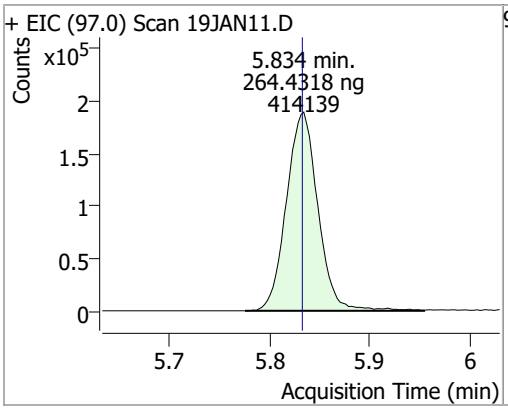
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	247.5804	5.65	0.00	420250	85.0	65.1	36.2	96.2

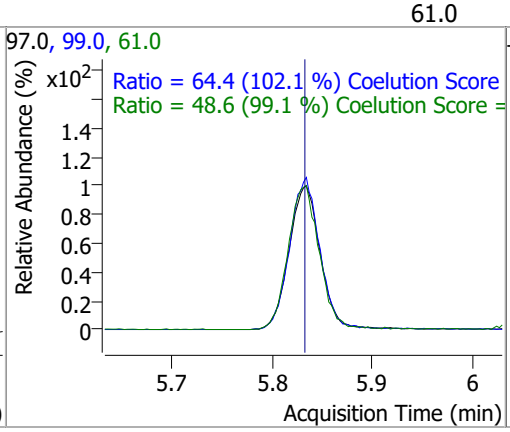


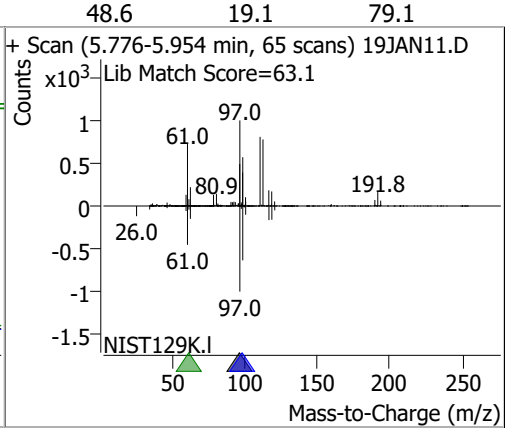




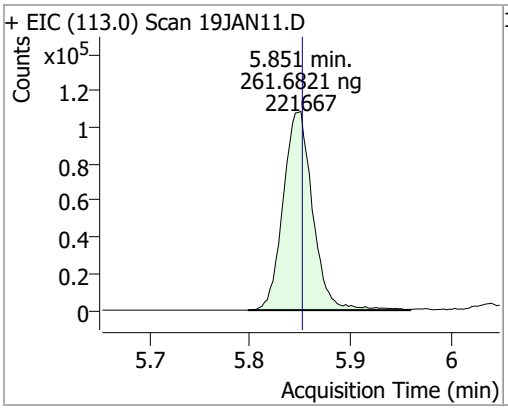
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	264.4318	5.83	0.00	414139	99.0	64.4	33.1	93.1
					61.0	48.6	19.1	79.1

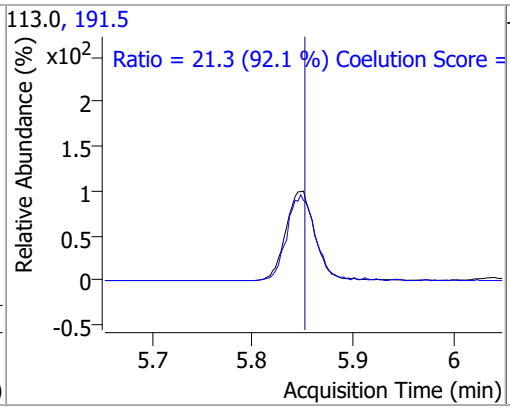


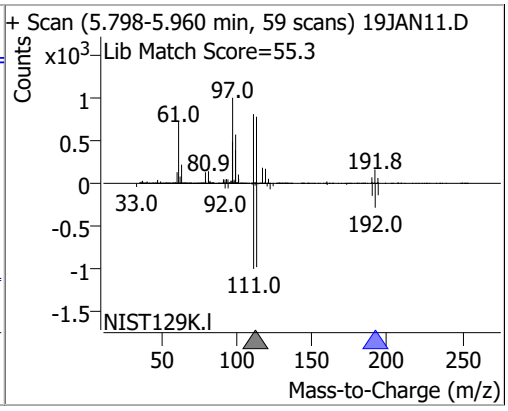




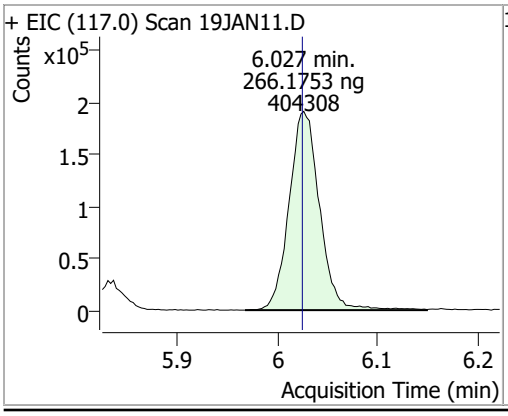
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	261.6821	5.85	0.00	221667	191.5	21.3	0.0	53.2

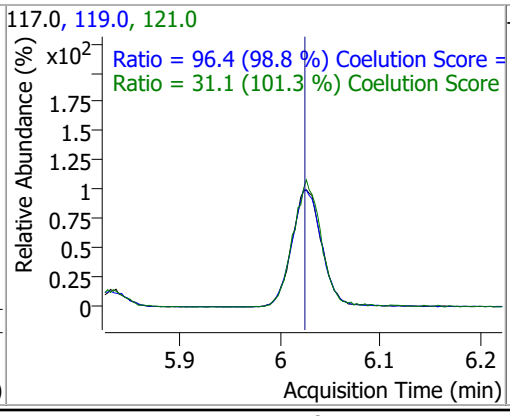


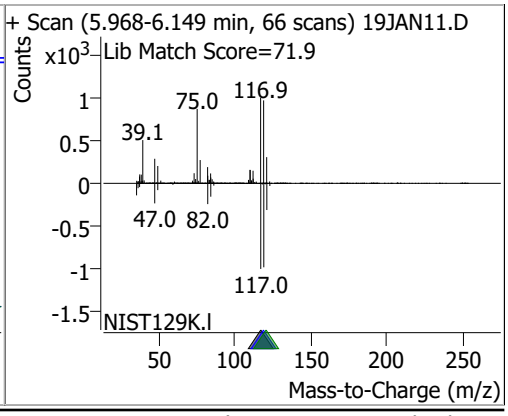




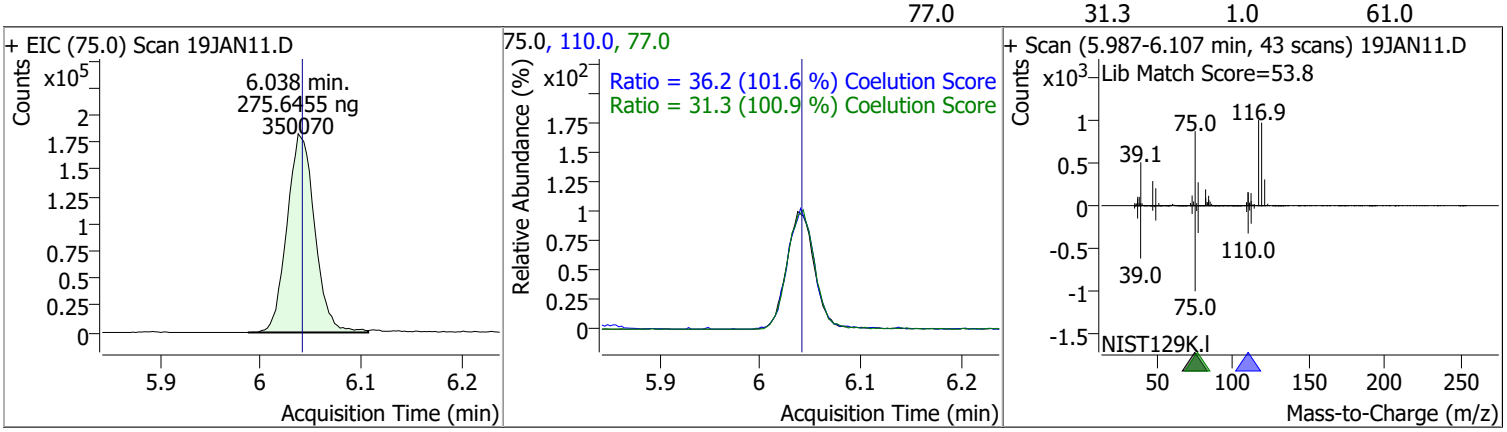
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	266.1753	6.03	0.00	404308	119.0	96.4	67.6	127.6
					121.0	31.1	0.7	60.7



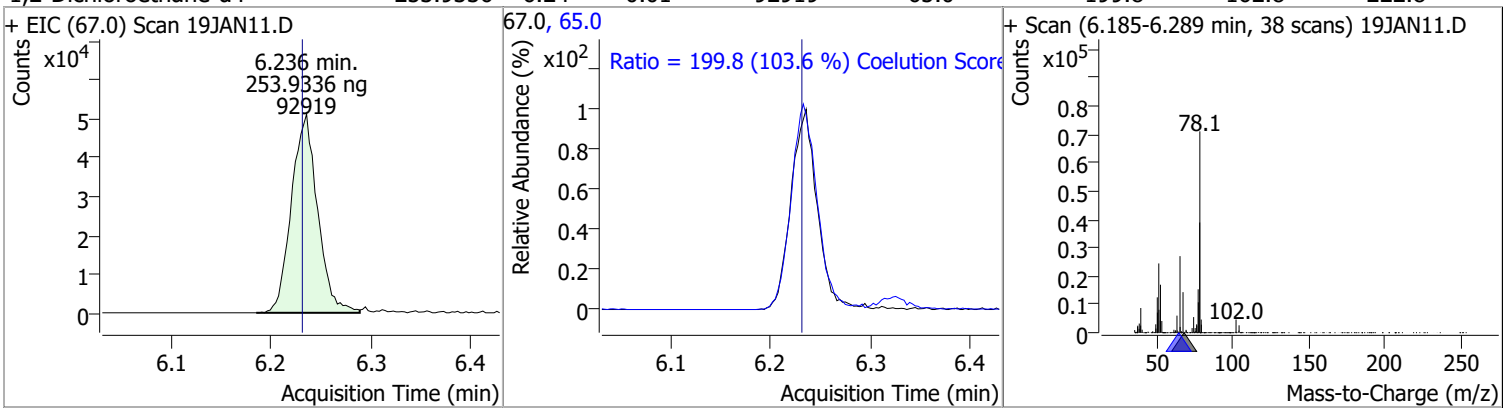




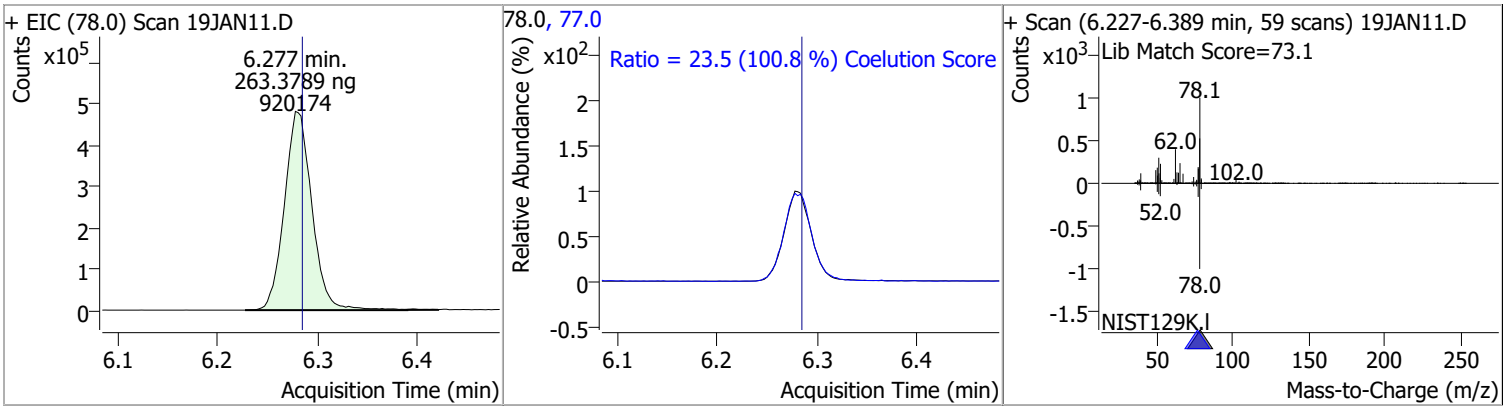
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	275.6455	6.04	0.00	350070	110.0	36.2	5.6	65.6
					77.0	31.3	1.0	61.0



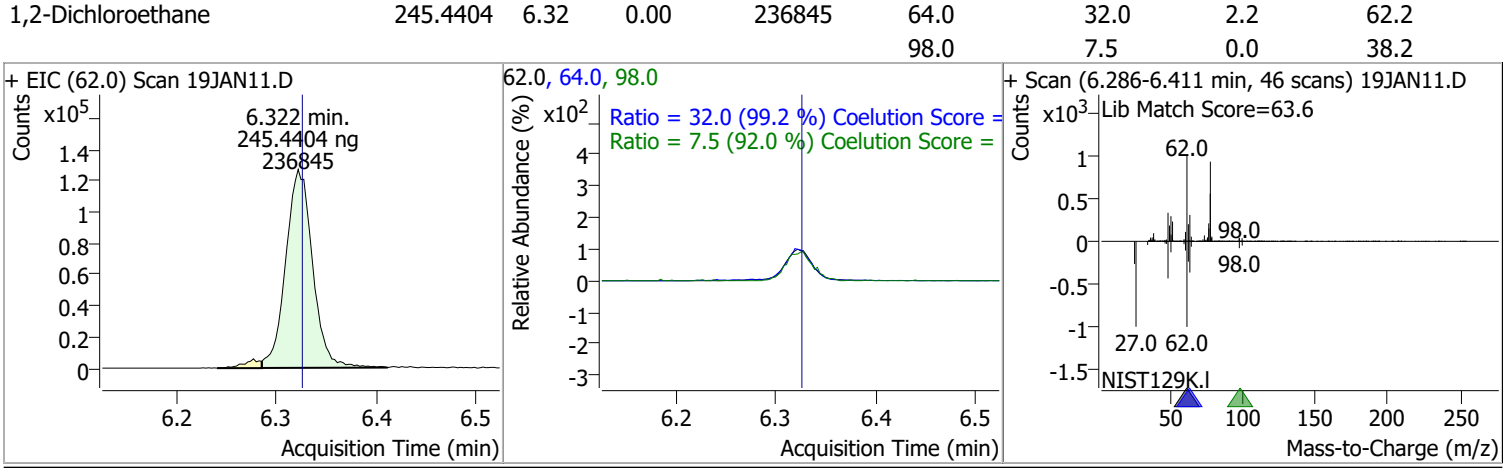
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	253.9336	6.24	0.01	92919	65.0	199.8	162.8	222.8



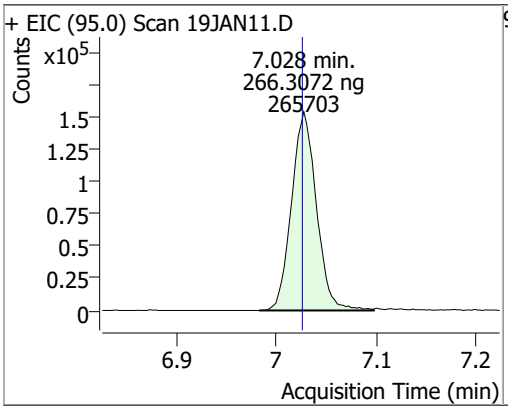
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	263.3789	6.28	-0.01	920174	77.0	23.5	0.0	53.3

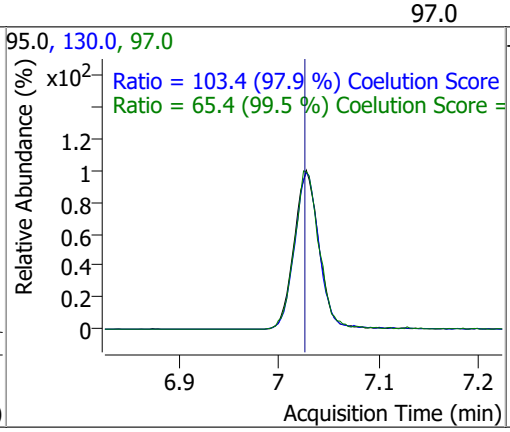


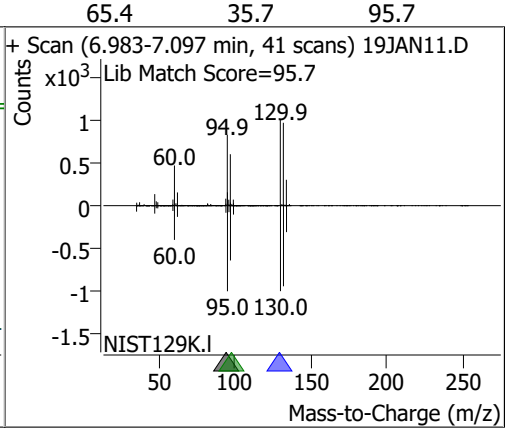
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	245.4404	6.32	0.00	236845	64.0	32.0	2.2	62.2
					98.0	7.5	0.0	38.2



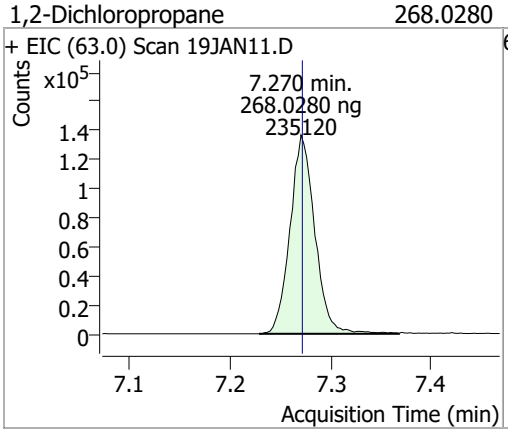
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	266.3072	7.03	0.00	265703	130.0	103.4	75.6	135.6
					97.0	65.4	35.7	95.7

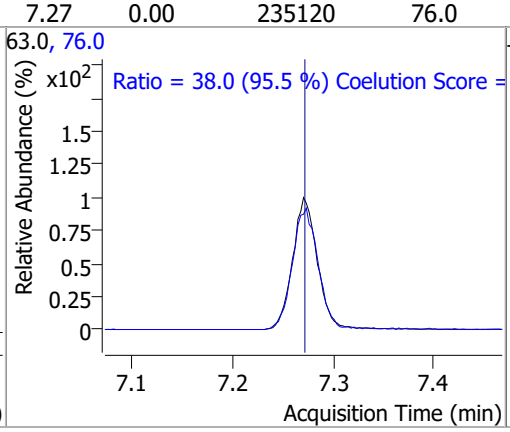


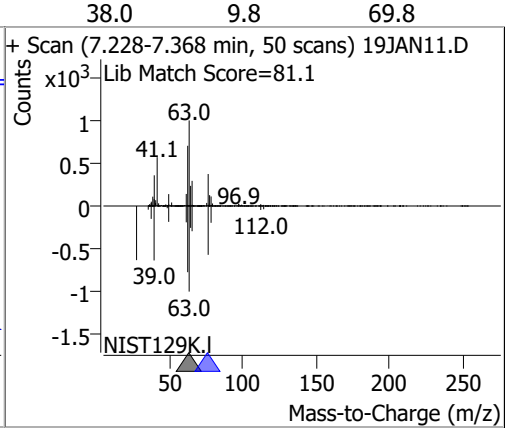




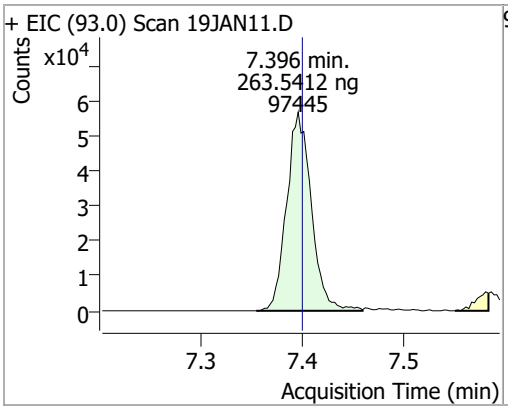
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	268.0280	7.27	0.00	235120	76.0	38.0	9.8	69.8

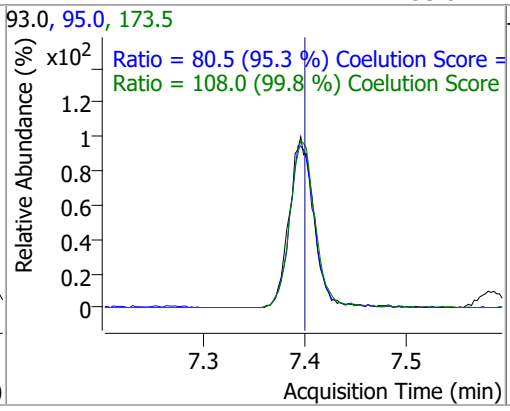


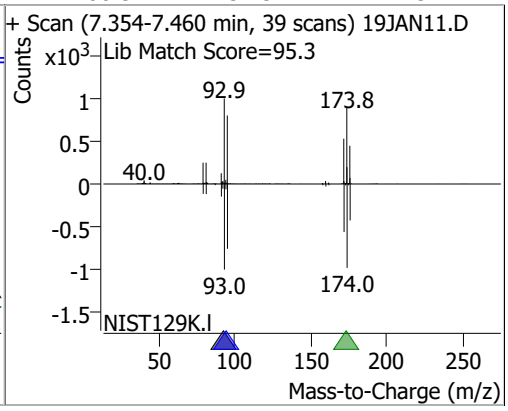




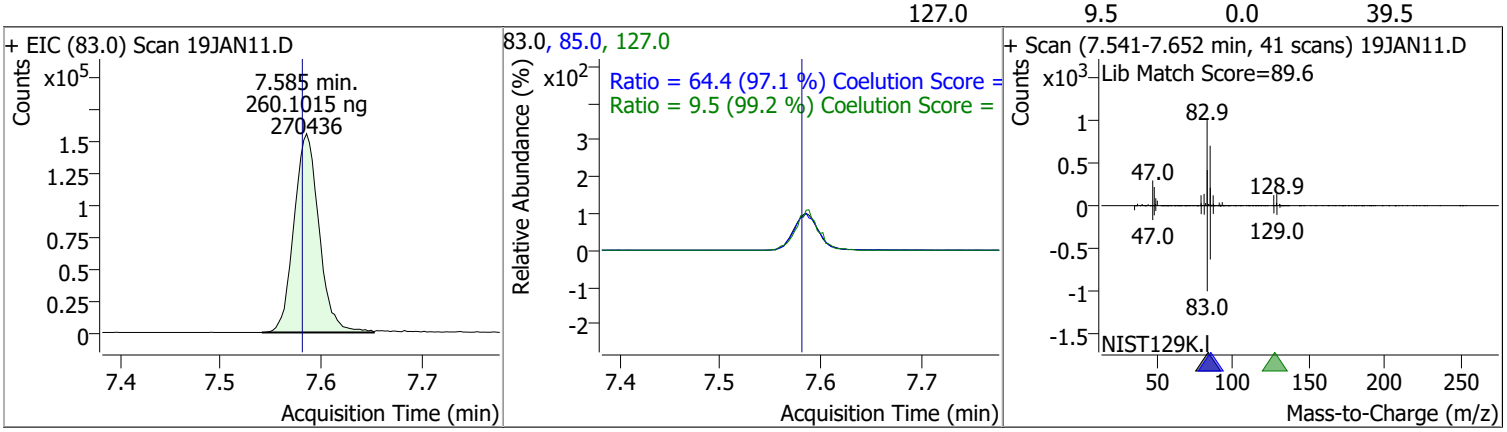
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	263.5412	7.40	0.00	97445	173.5	108.0	78.2	138.2
					95.0	80.5	54.5	114.5



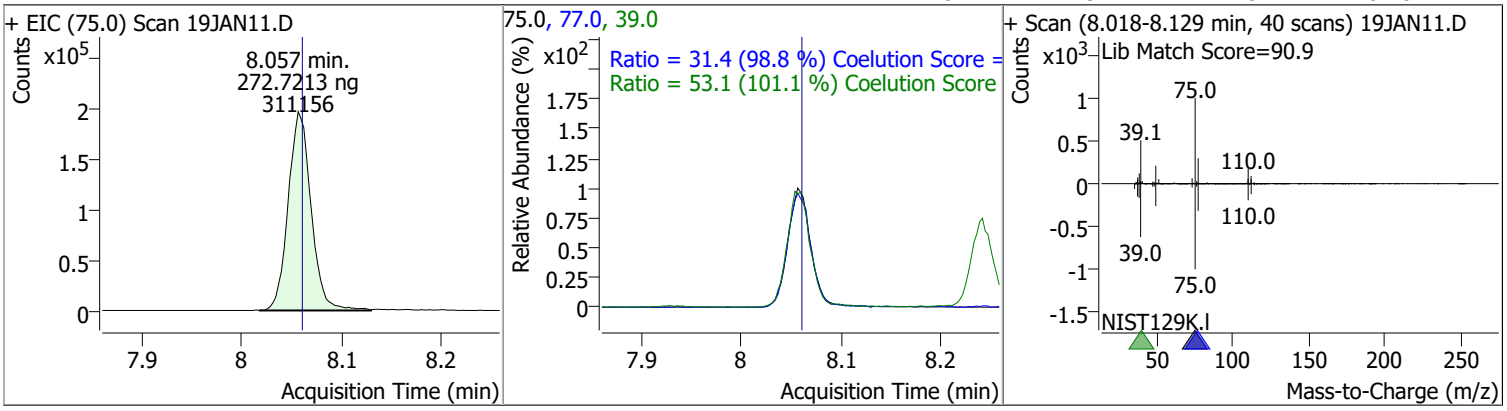




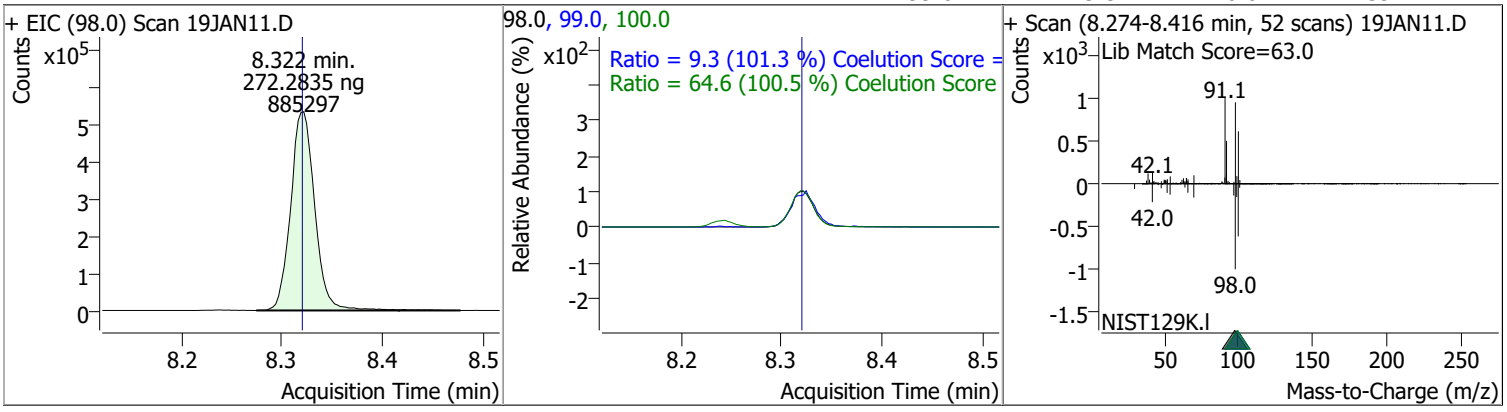
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	260.1015	7.59	0.01	270436	85.0	64.4	36.3	96.3
					127.0	9.5	0.0	39.5



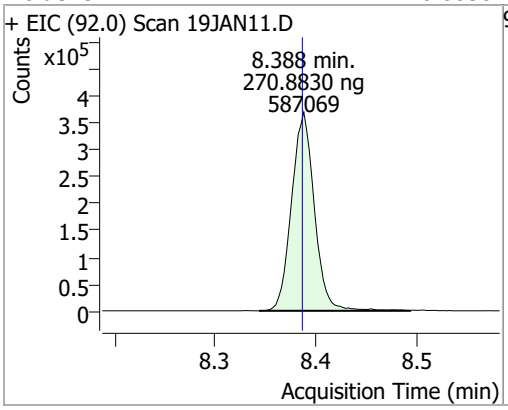
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	272.7213	8.06	0.00	311156	39.0	53.1	22.5	82.5
					77.0	31.4	1.8	61.8

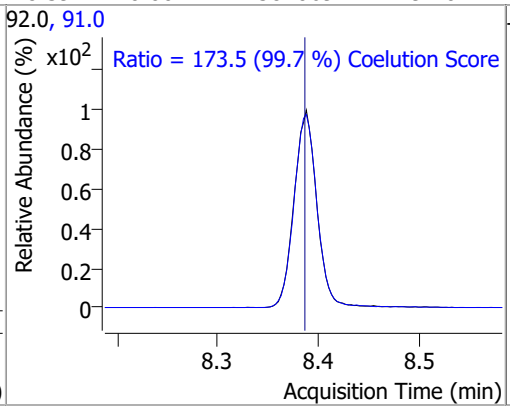


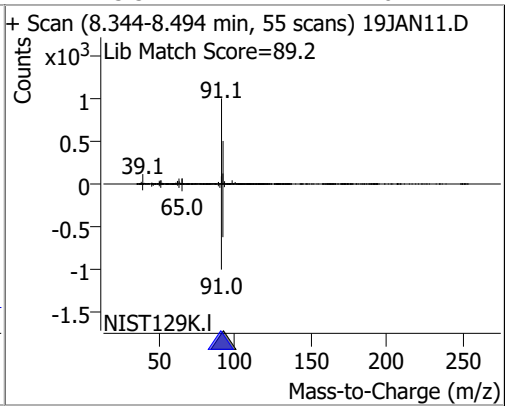
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	272.2835	8.32	0.00	885297	100.0	64.6	34.3	94.3
					99.0	9.3	0.0	39.2



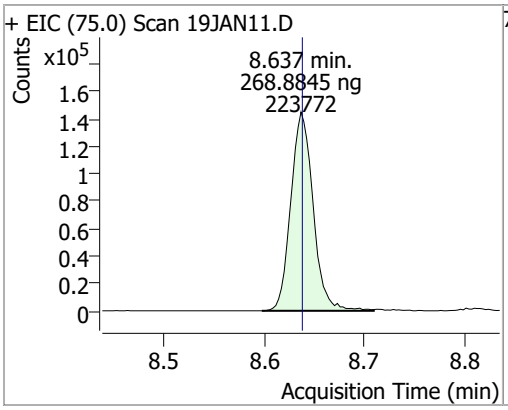
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	270.8830	8.39	0.00	587069	91.0	173.5	144.1	204.1

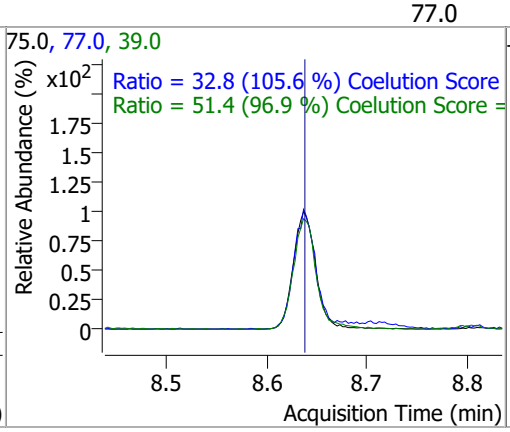


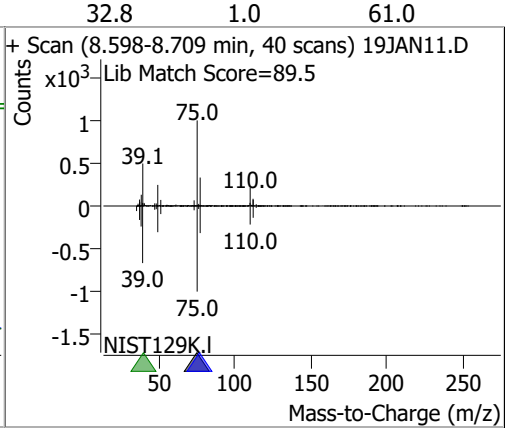




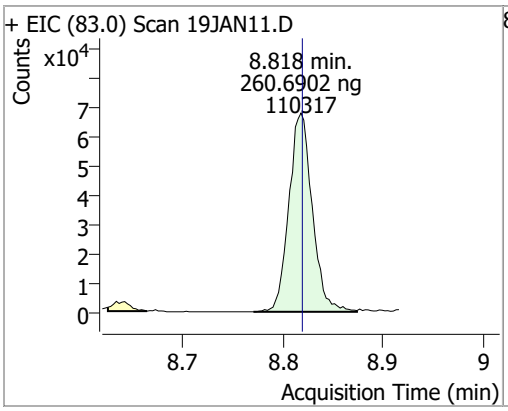
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	268.8845	8.64	0.00	223772	39.0	51.4	23.0	83.0
					77.0	32.8	1.0	61.0

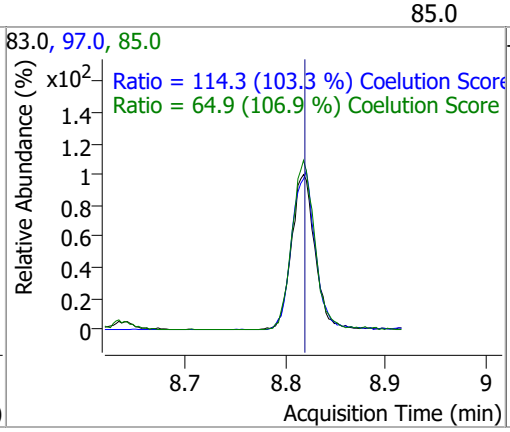


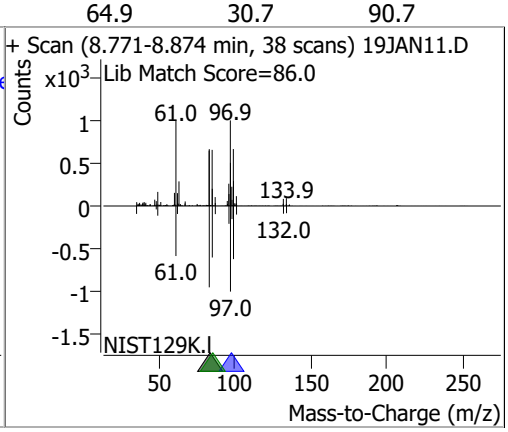




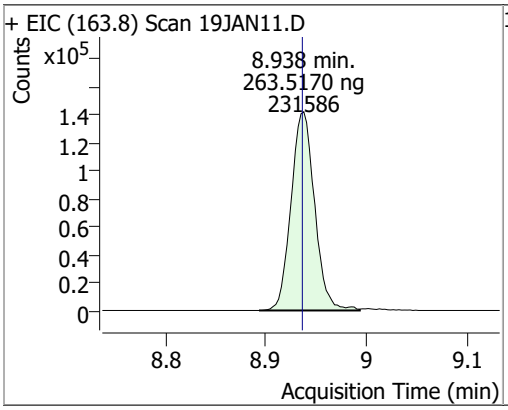
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	260.6902	8.82	0.00	110317	97.0	114.3	80.7	140.7
					85.0	64.9	30.7	90.7

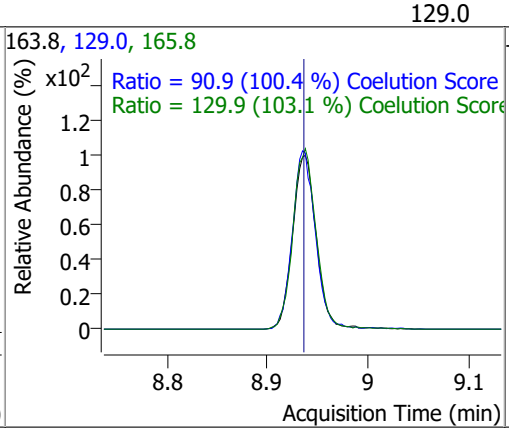


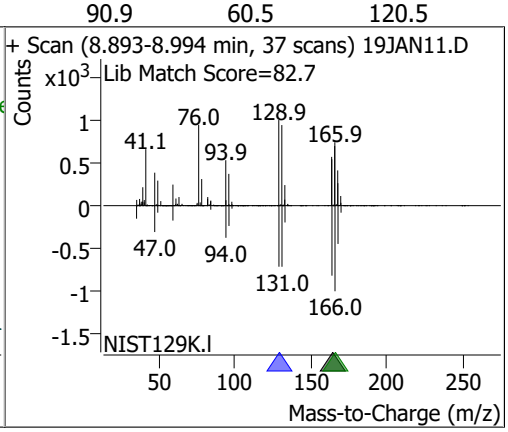




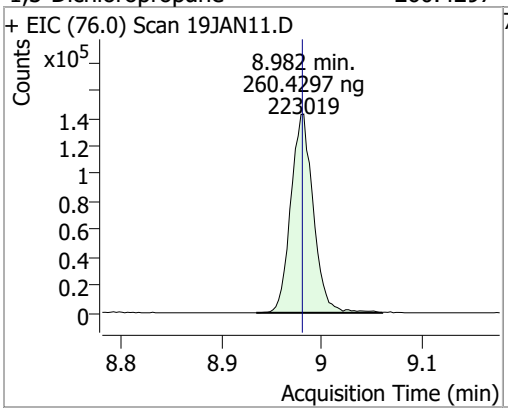
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	263.5170	8.94	0.00	231586	165.8	129.9	96.1	156.1
					129.0	90.9	60.5	120.5

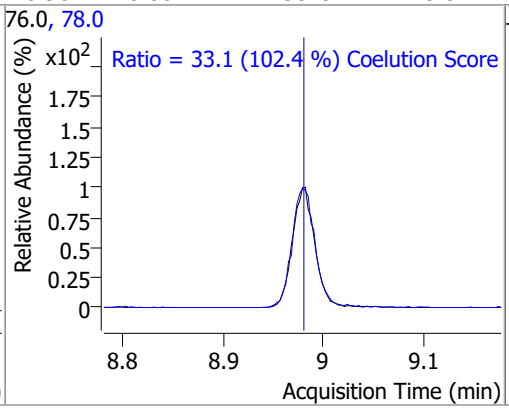


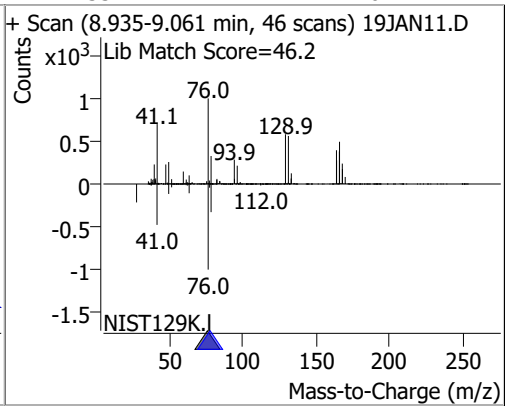




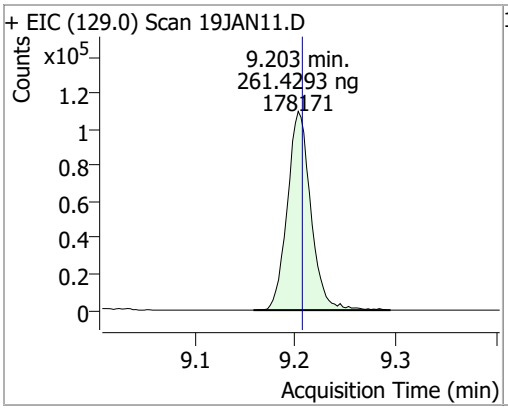
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	260.4297	8.98	0.00	223019	78.0	33.1	2.4	62.4

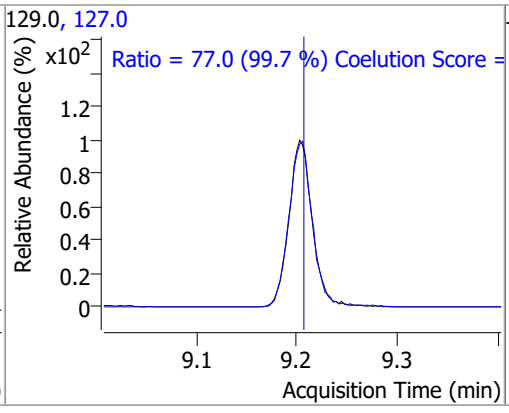


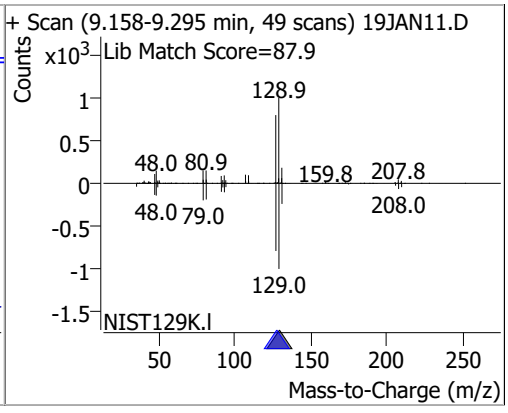




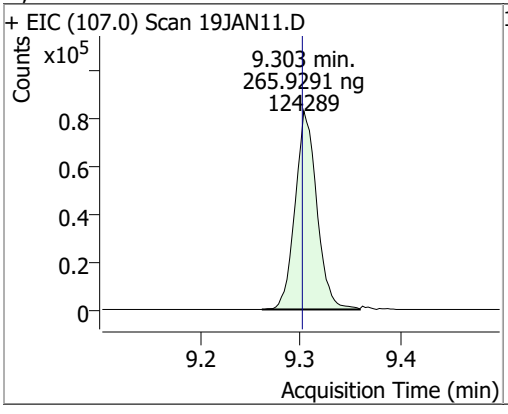
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	261.4293	9.20	0.00	178171	127.0	77.0	47.2	107.2

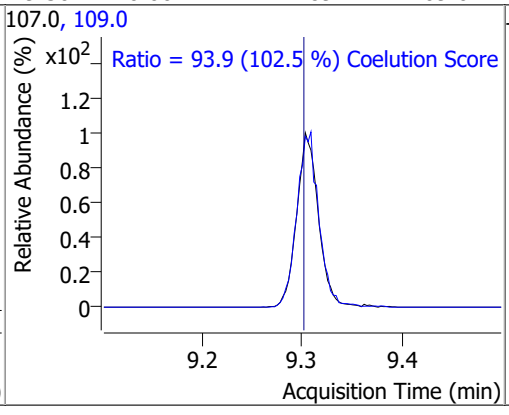


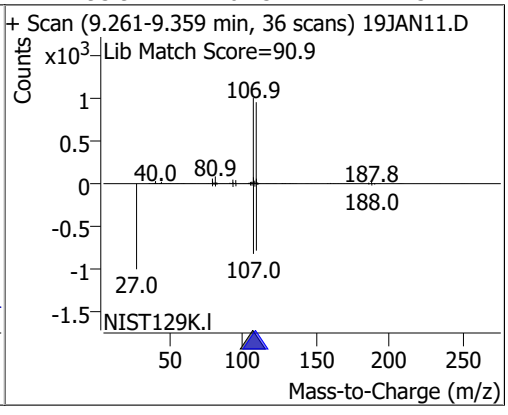




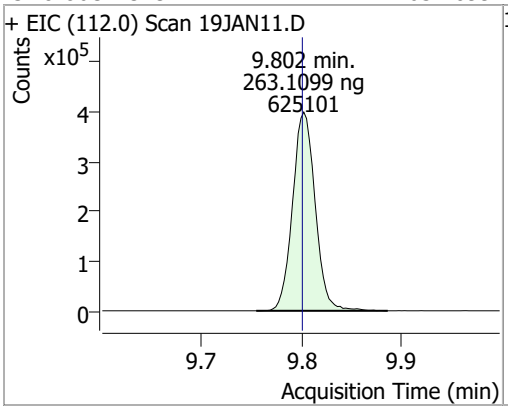
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	265.9291	9.30	0.00	124289	109.0	93.9	61.5	121.5

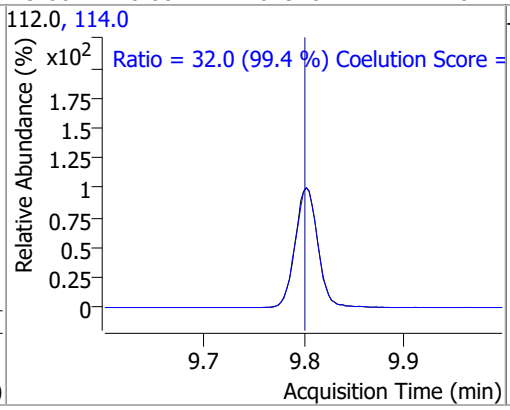


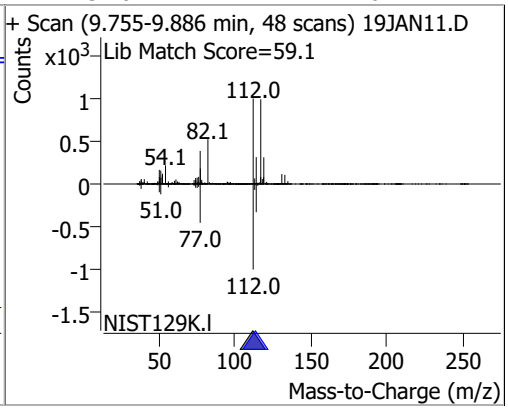




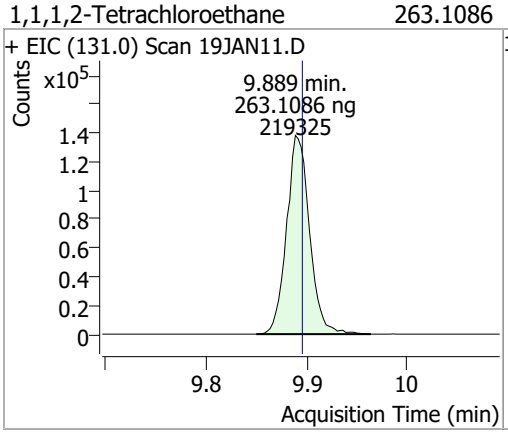
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	263.1099	9.80	0.00	625101	114.0	32.0	2.2	62.2

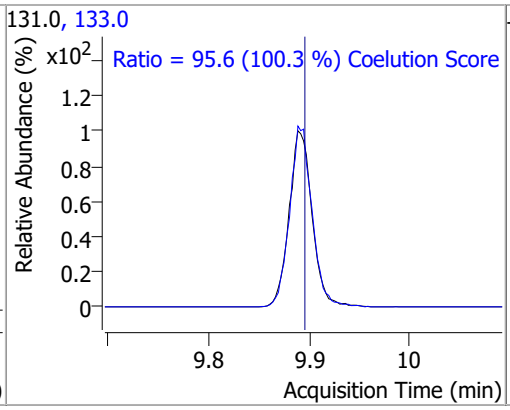


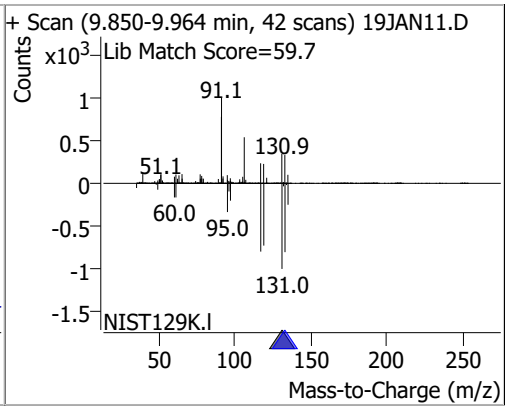




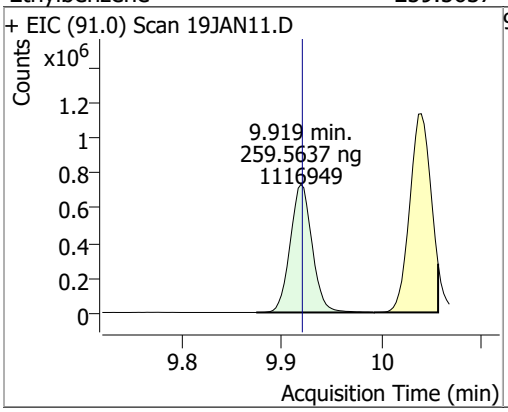
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	263.1086	9.89	-0.01	219325	133.0	95.6	65.3	125.3

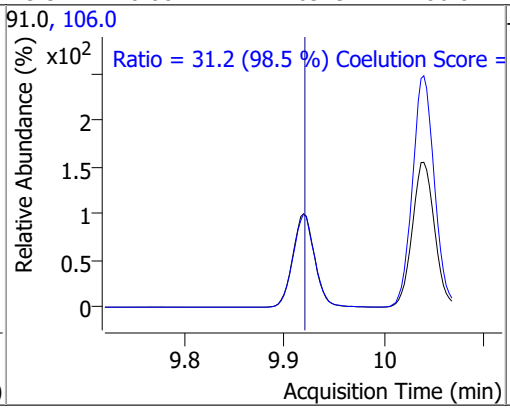


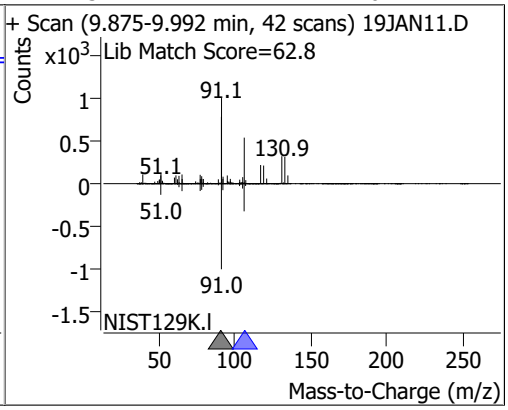




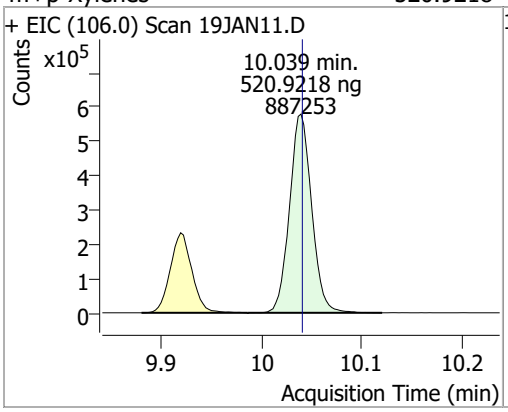
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	259.5637	9.92	0.00	1116949	106.0	31.2	1.7	61.7

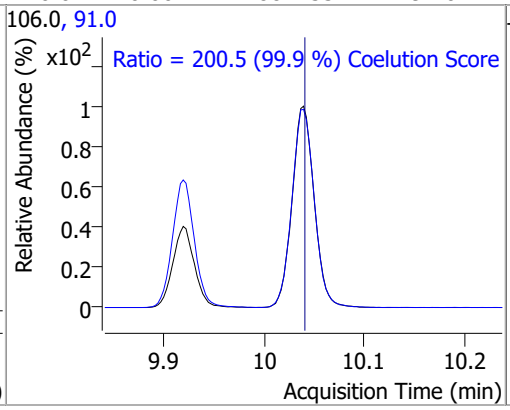


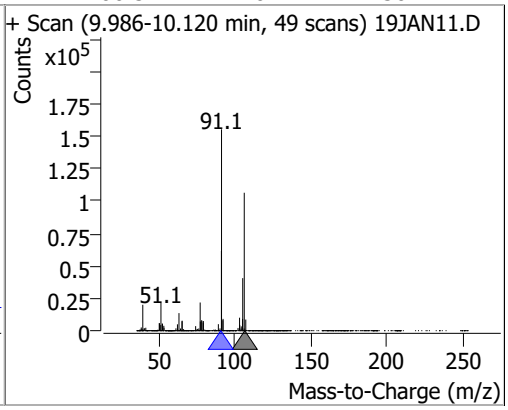




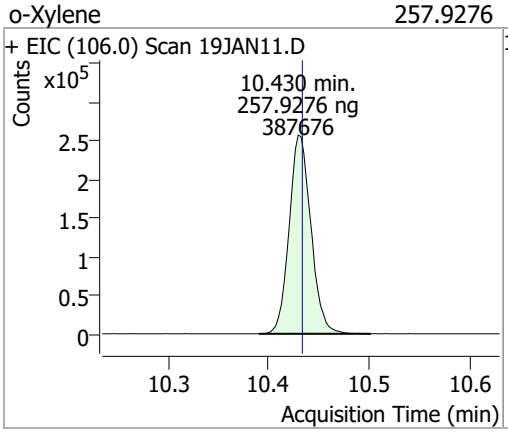
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	520.9218	10.04	0.00	887253	91.0	200.5	170.7	230.7

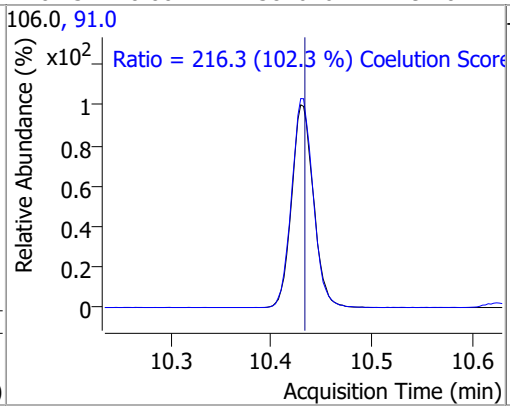


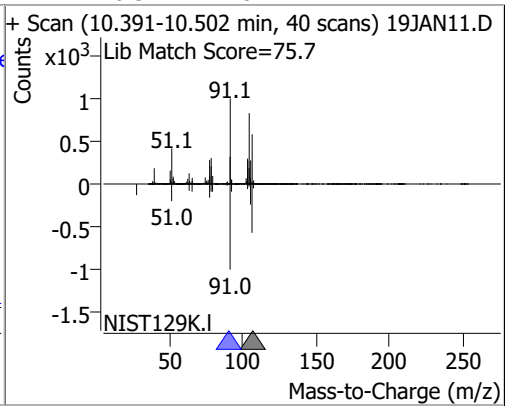




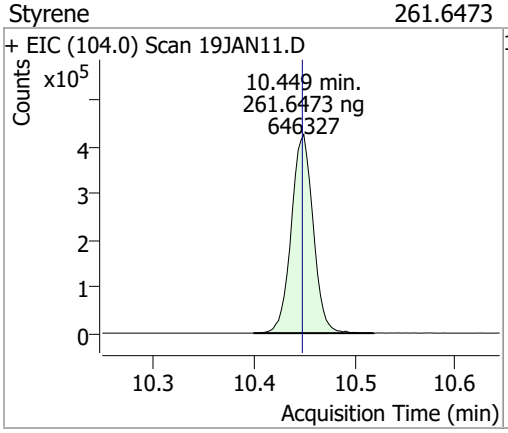
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	257.9276	10.43	0.00	387676	91.0	216.3	181.4	241.4

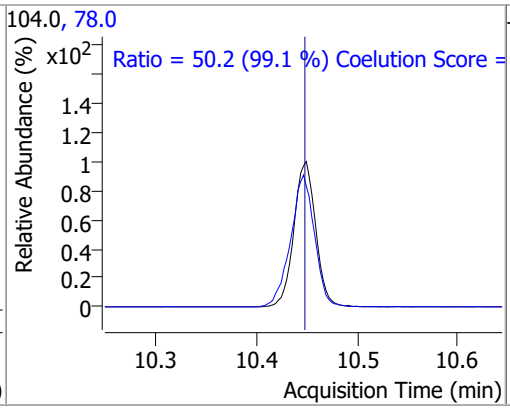


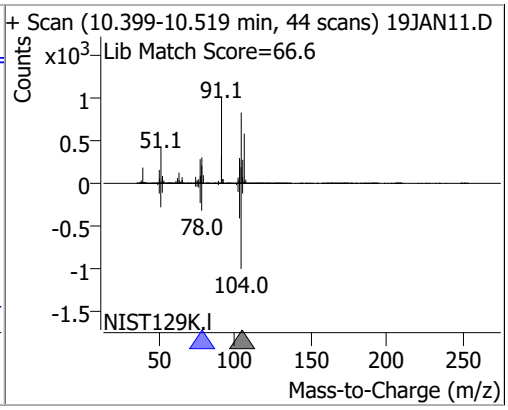




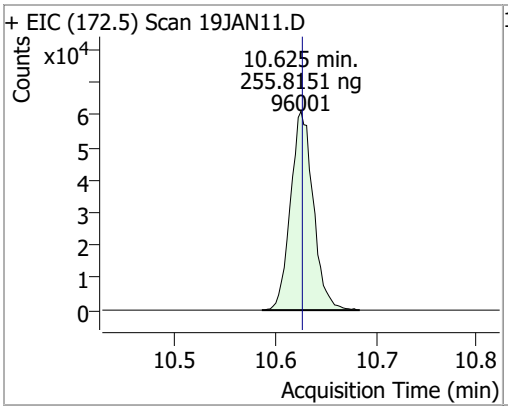
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	261.6473	10.45	0.00	646327	78.0	50.2	20.6	80.6

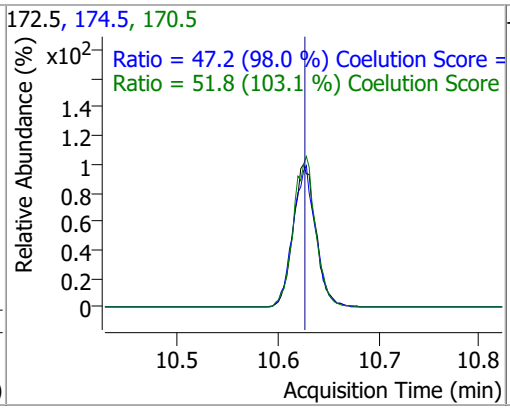


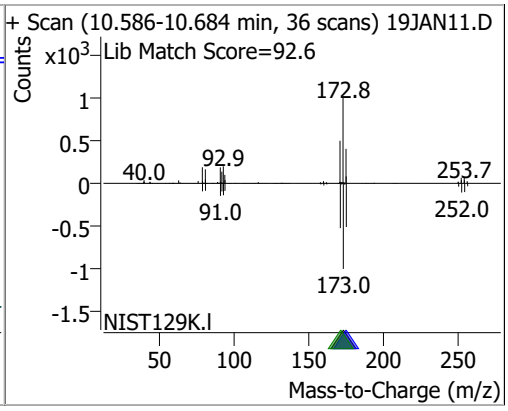




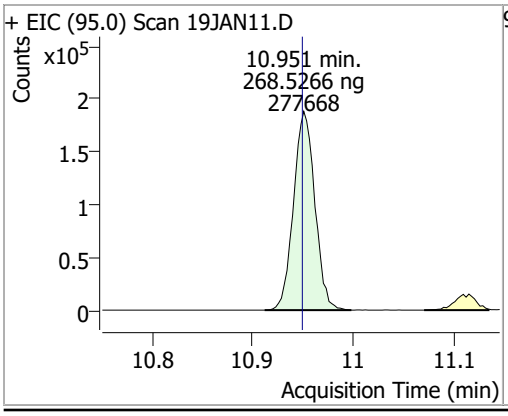
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	255.8151	10.62	0.00	96001	170.5	51.8	20.3	80.3
					174.5	47.2	18.1	78.1

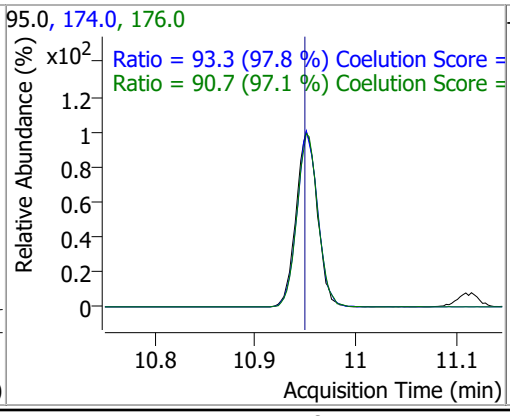


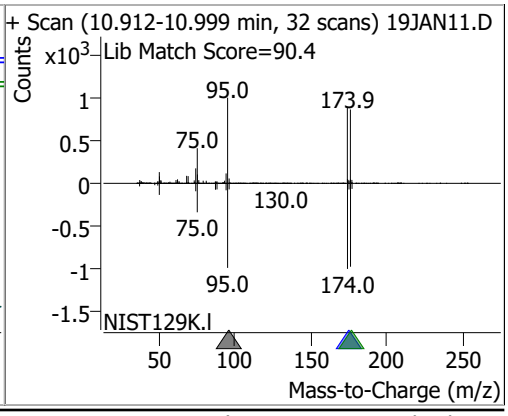




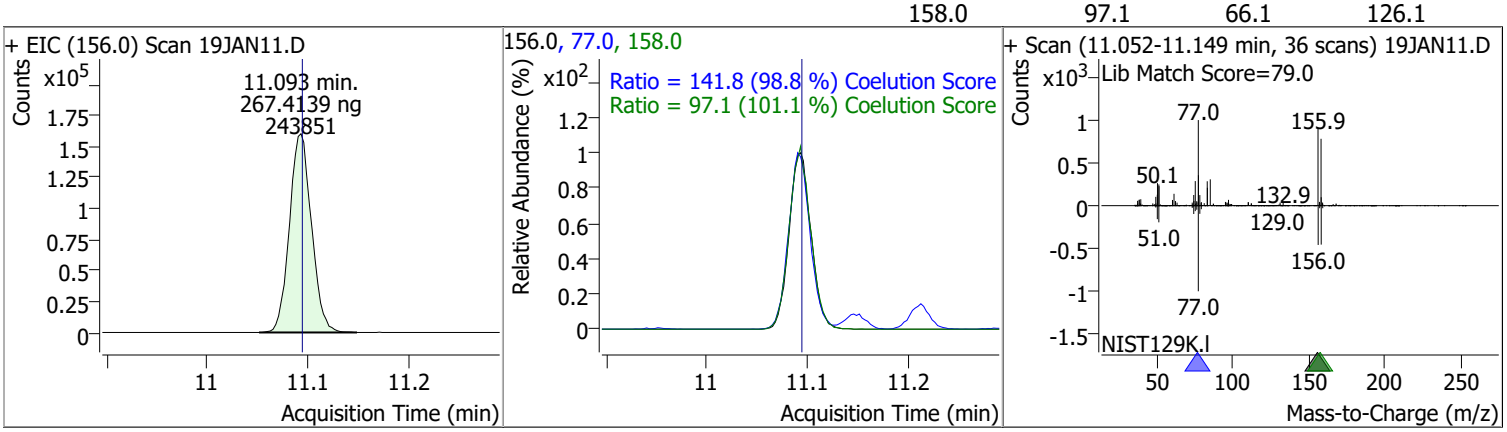
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	268.5266	10.95	0.00	277668	174.0	93.3	65.3	125.3
					176.0	90.7	63.3	123.3



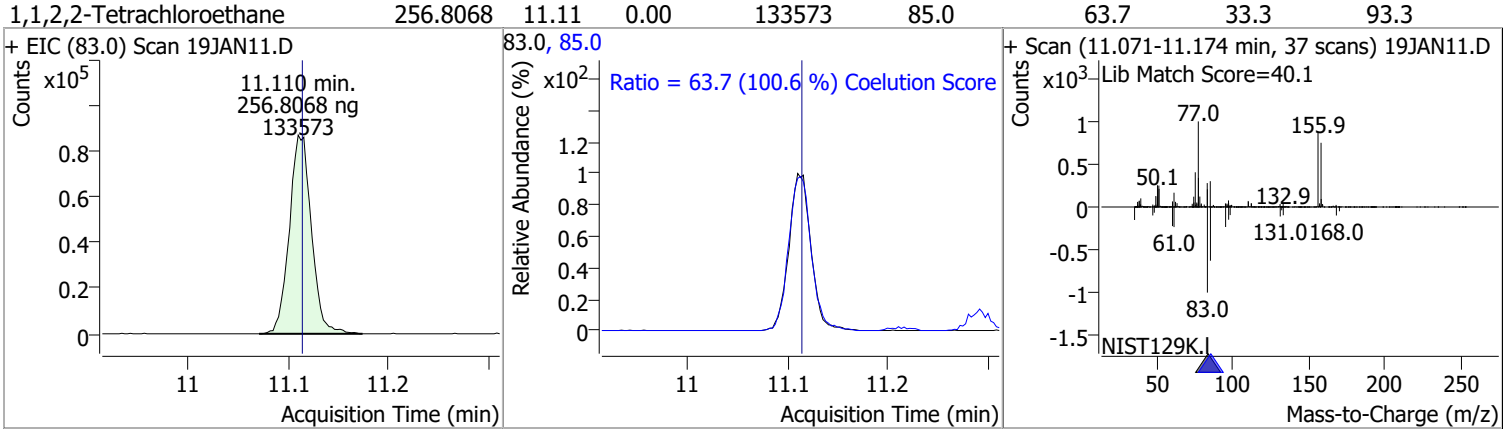




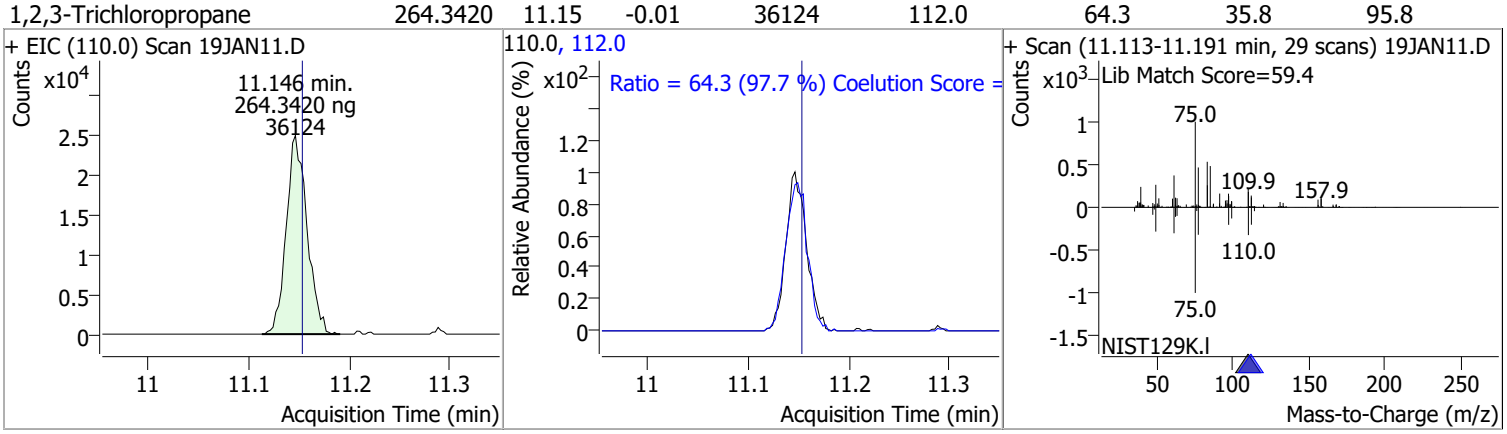
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	267.4139	11.09	0.00	243851	77.0	141.8	113.5	173.5
					158.0	97.1	66.1	126.1



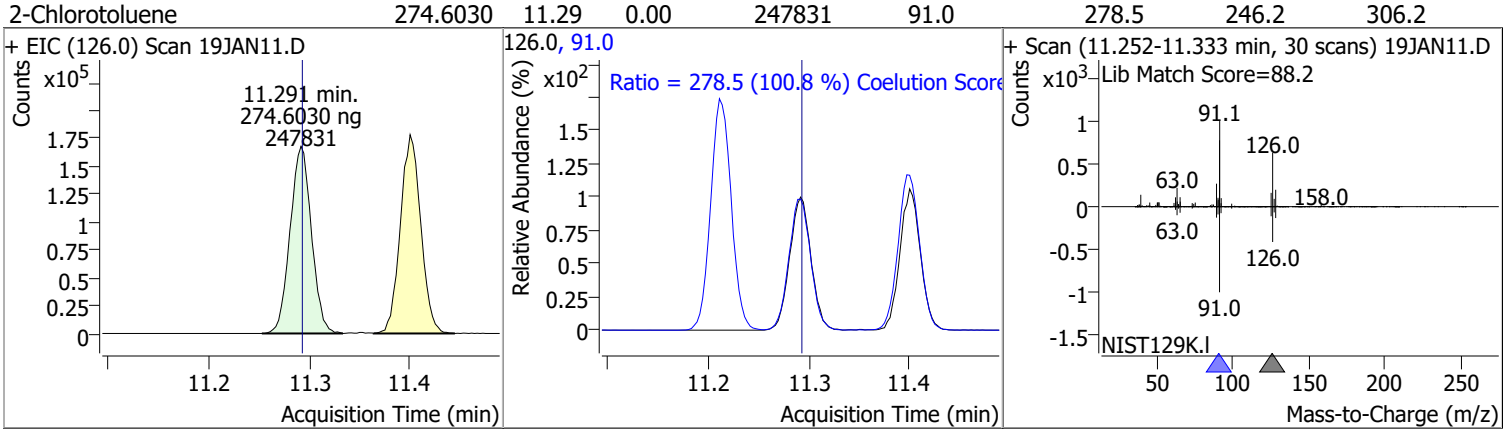
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	256.8068	11.11	0.00	133573	85.0	63.7	33.3	93.3



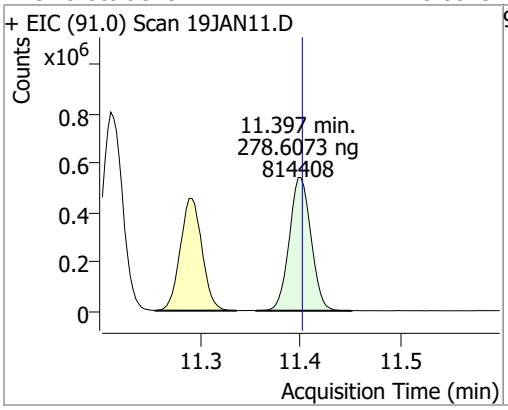
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	264.3420	11.15	-0.01	36124	112.0	64.3	35.8	95.8

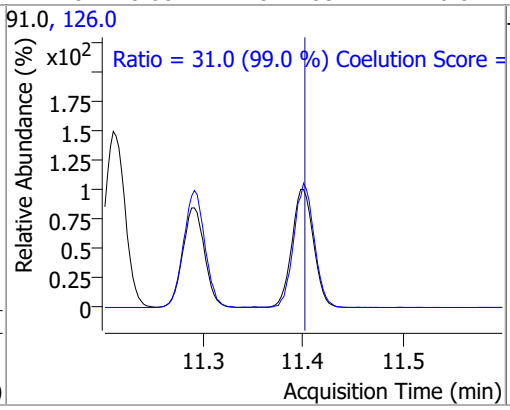


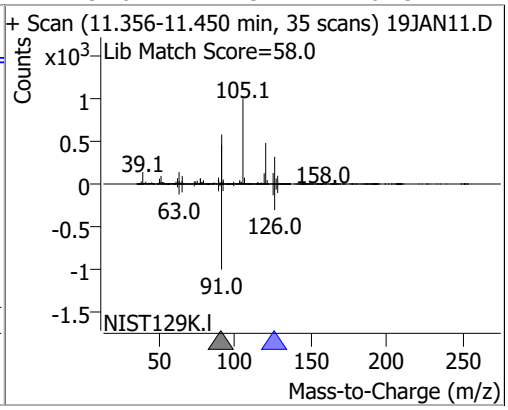
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	274.6030	11.29	0.00	247831	91.0	278.5	246.2	306.2



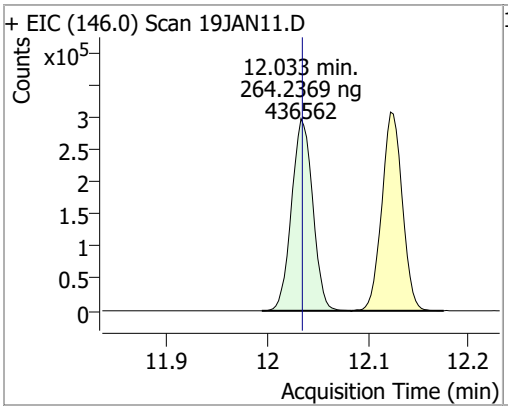
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	278.6073	11.40	0.00	814408	126.0	31.0	1.3	61.3

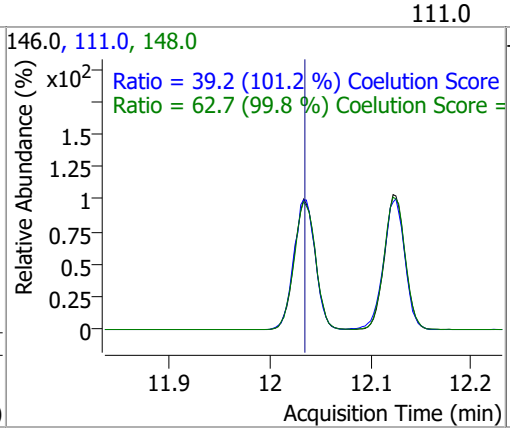


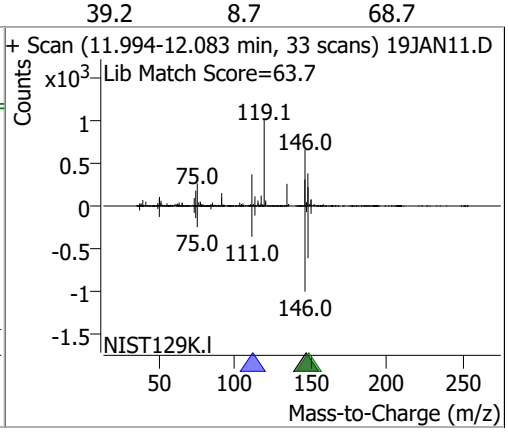




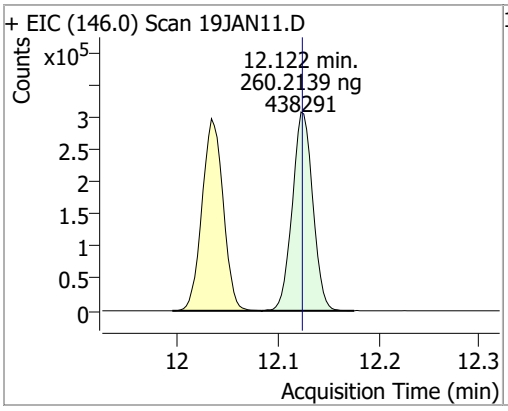
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	264.2369	12.03	0.00	436562	148.0	62.7	32.8	92.8
					111.0	39.2	8.7	68.7

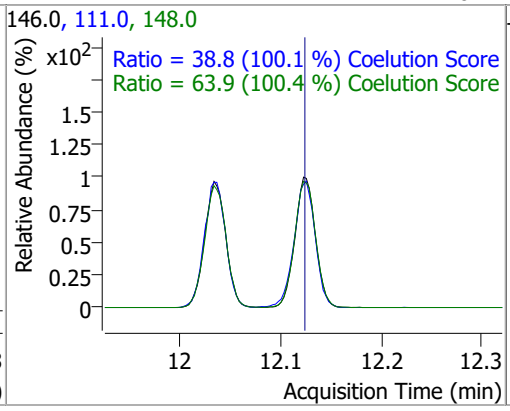


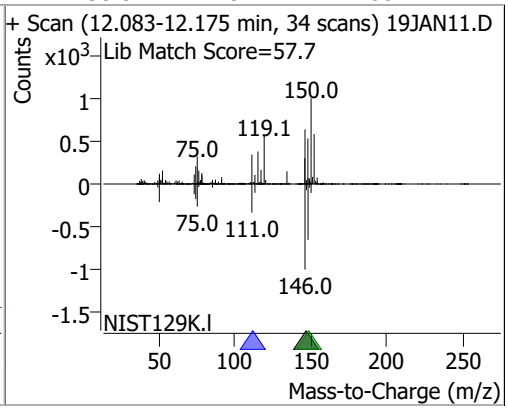




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	260.2139	12.12	0.00	438291	148.0	63.9	33.7	93.7
					111.0	38.8	8.7	68.7

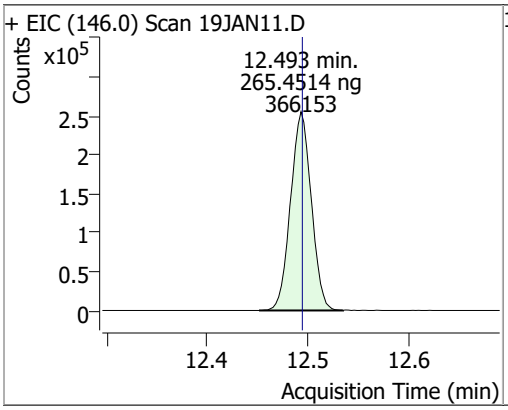


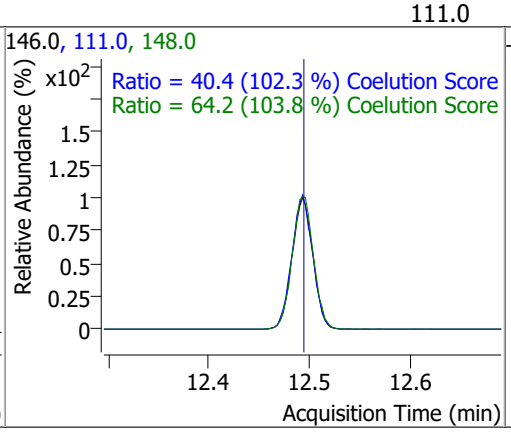


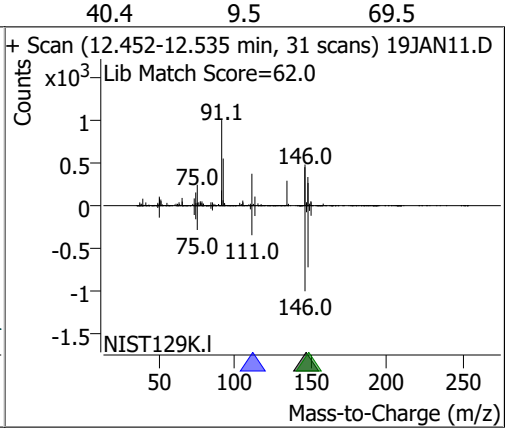


Quantitation Results Report (QT Reviewed)

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
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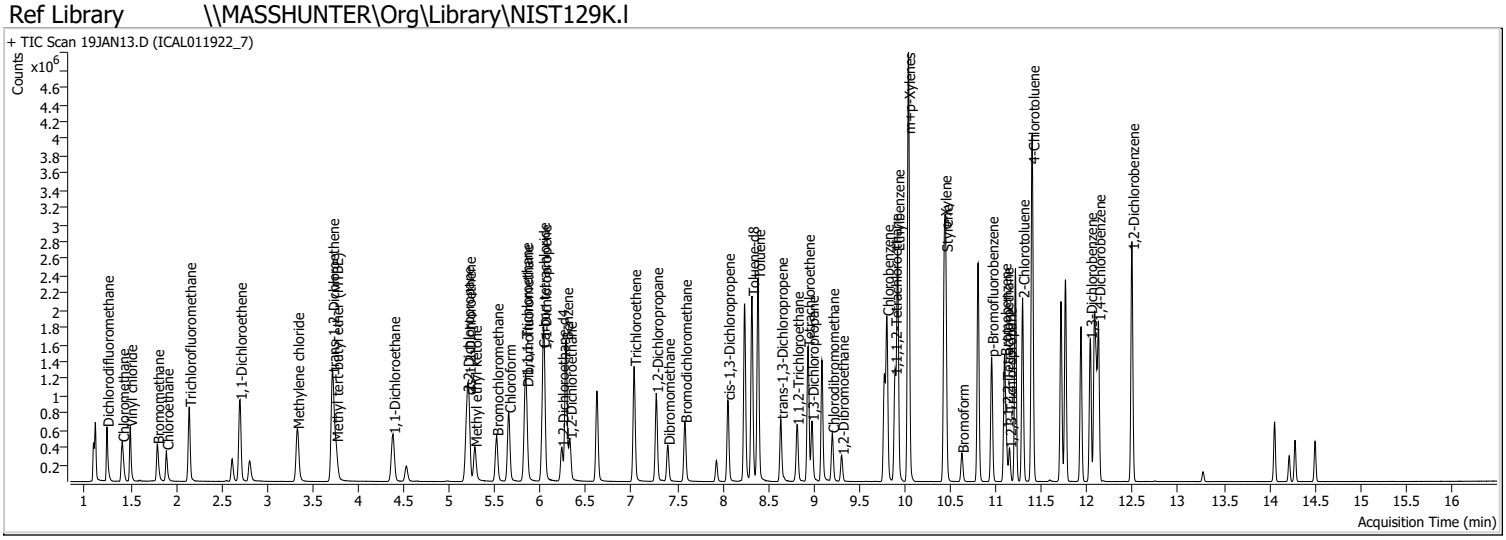
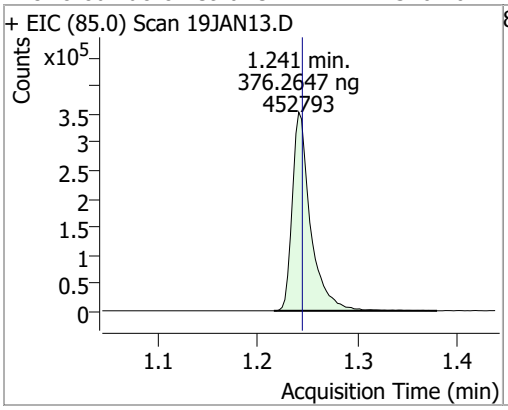


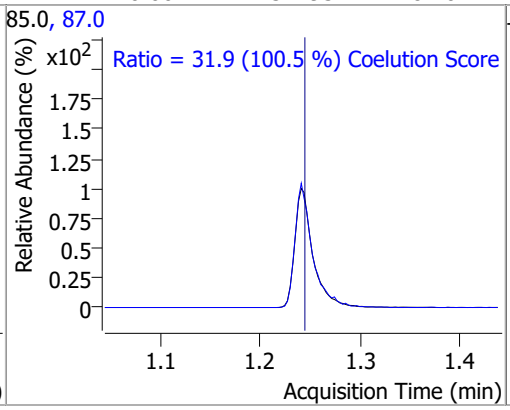
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.618	96.0	894962	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	333736	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	286959	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	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

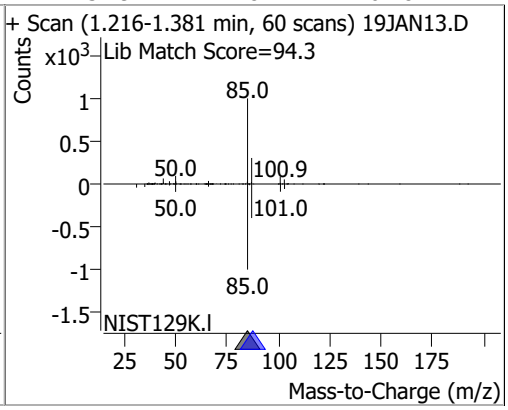
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	616756	384.8283	ng	99
T Carbon tetrachloride	6.026	117.0	604305	388.7744	ng	99
T 1,1-Dichloropropene	6.043	75.0	531739	409.1480	ng	99
T Benzene	6.280	78.0	1403257	392.4951	ng	100
T 1,2-Dichloroethane	6.322	62.0	368750	373.4220	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

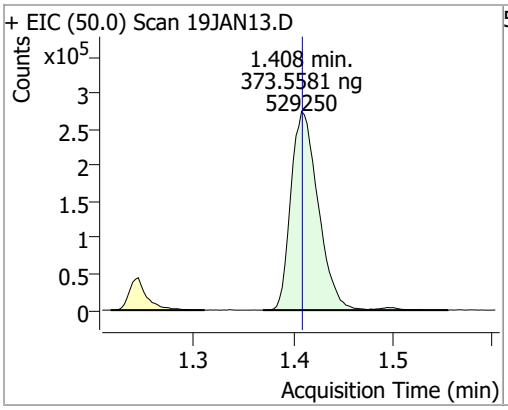
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	376.2647	1.24	0.00	452793	87.0	31.9	1.8	61.8

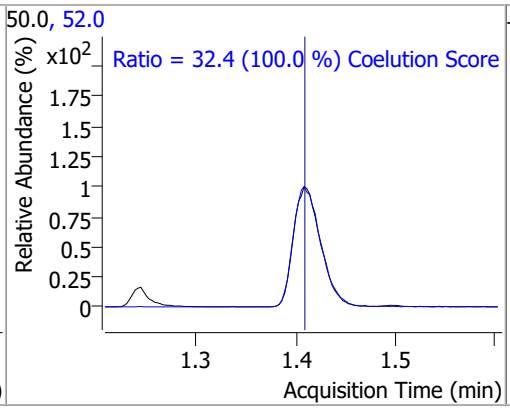


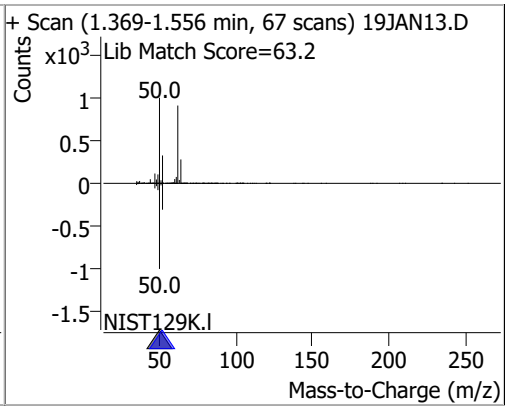




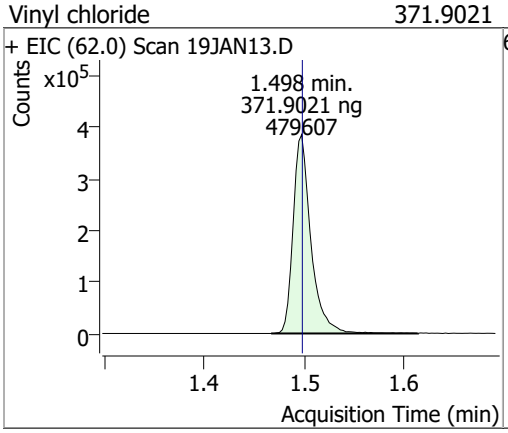
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	373.5581	1.41	0.00	529250	52.0	32.4	2.4	62.4

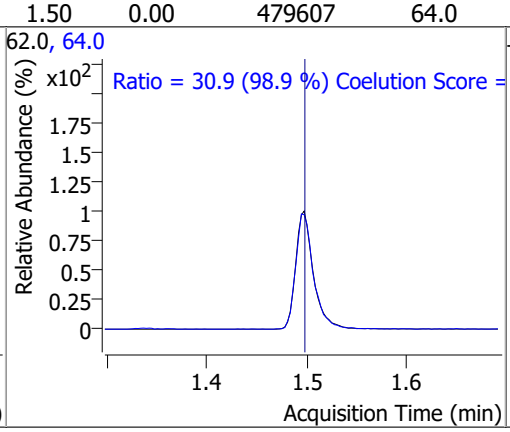


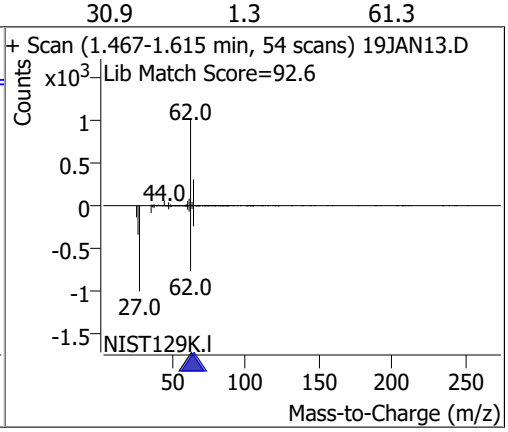




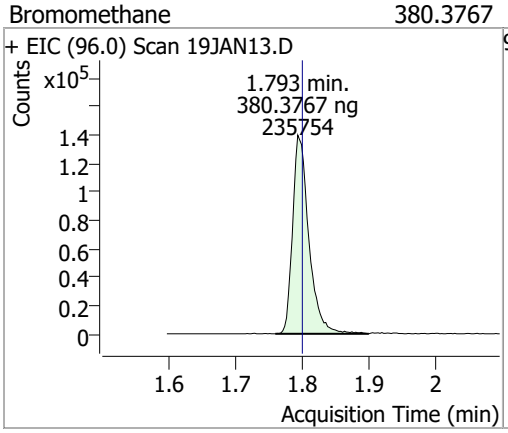
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	371.9021	1.50	0.00	479607	64.0	30.9	1.3	61.3

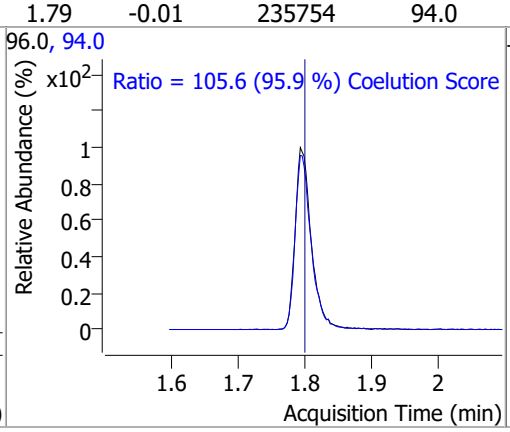


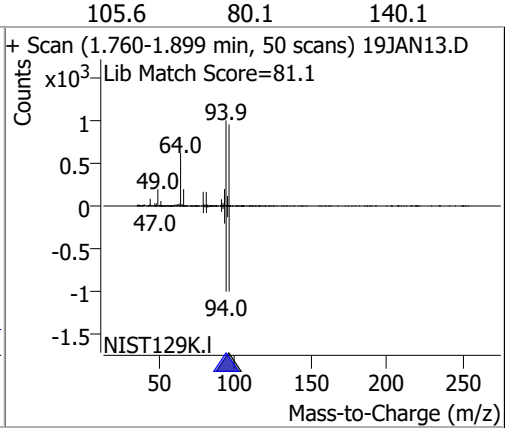




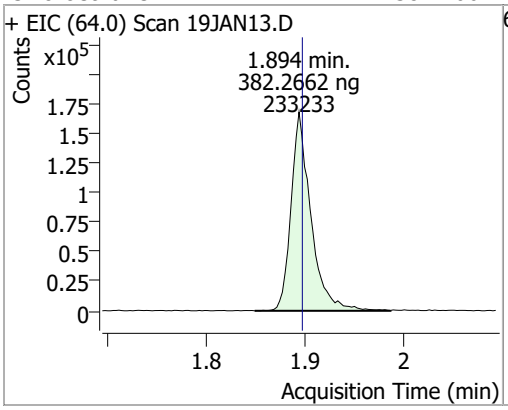
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	380.3767	1.79	-0.01	235754	94.0	105.6	80.1	140.1

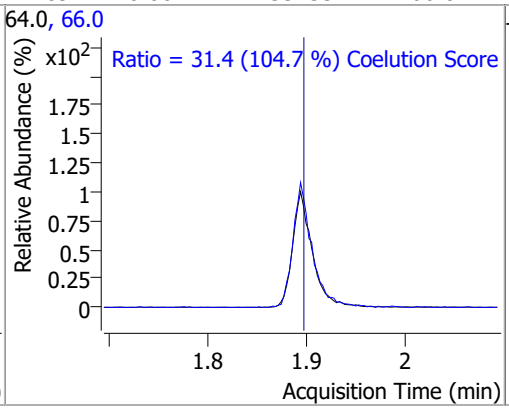


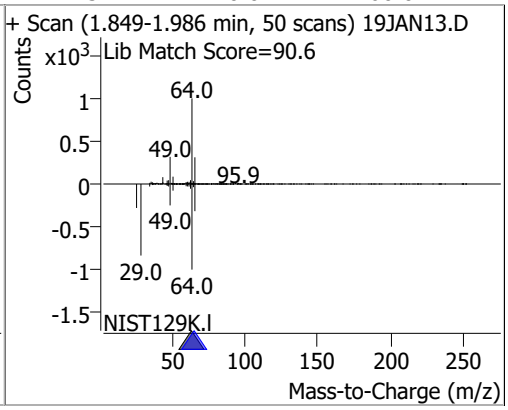




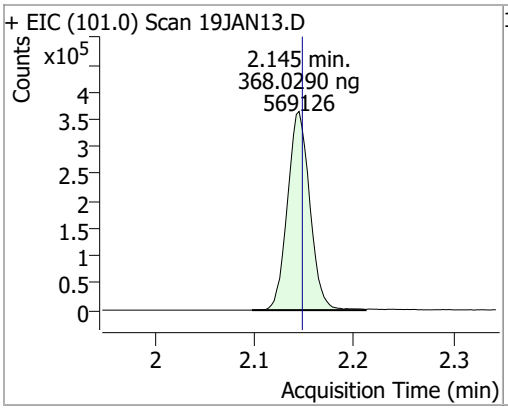
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	382.2662	1.89	0.00	233233	66.0	31.4	0.0	60.0

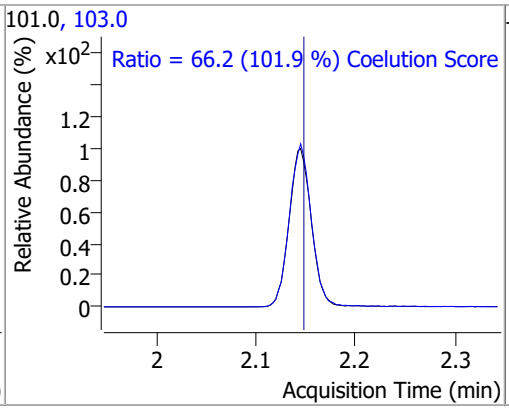


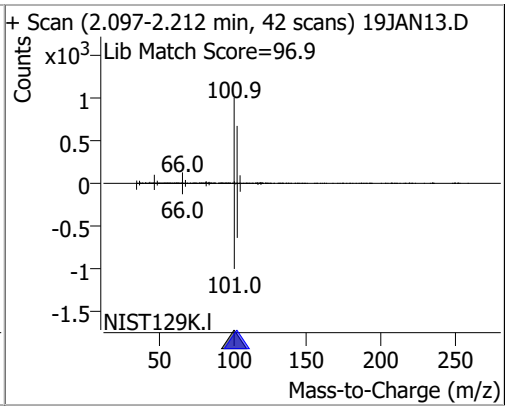




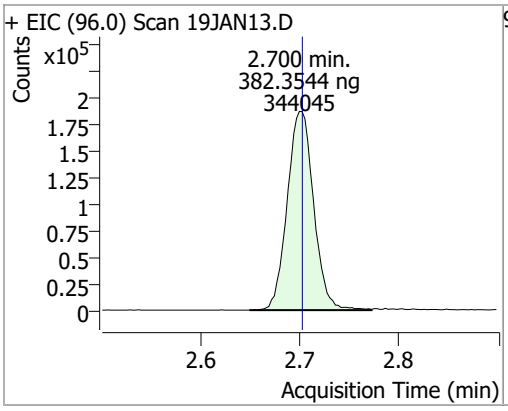
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	368.0290	2.14	0.00	569126	103.0	66.2	35.0	95.0

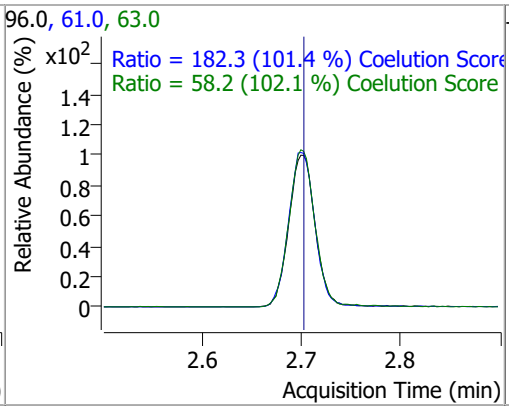


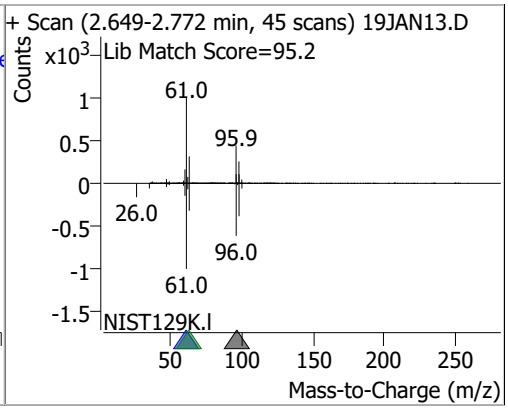




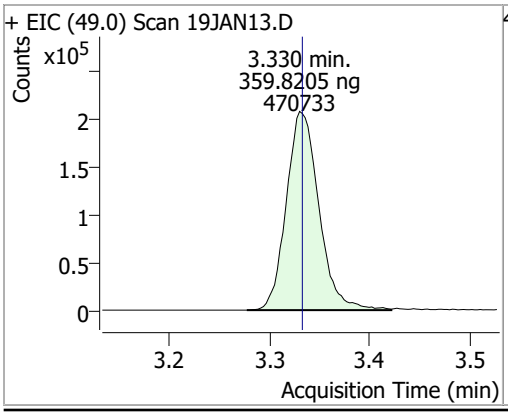
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	382.3544	2.70	0.00	344045	61.0	182.3	149.9	209.9
					63.0	58.2	27.0	87.0

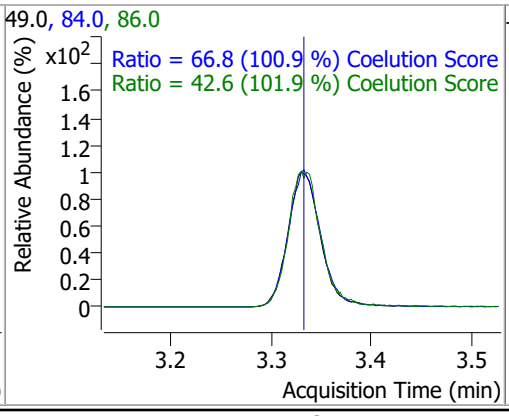


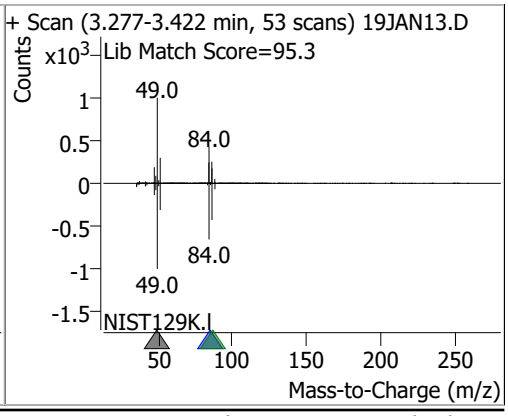




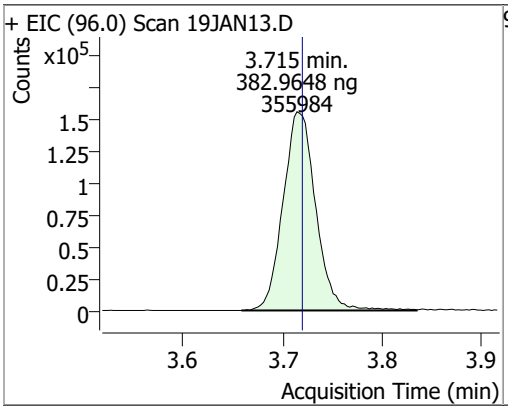
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	359.8205	3.33	0.00	470733	84.0	66.8	36.1	96.1
					86.0	42.6	11.8	71.8

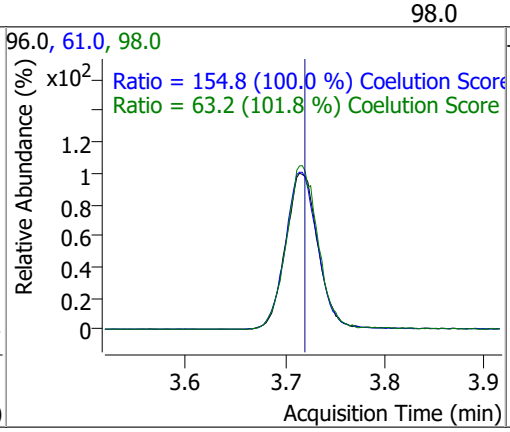


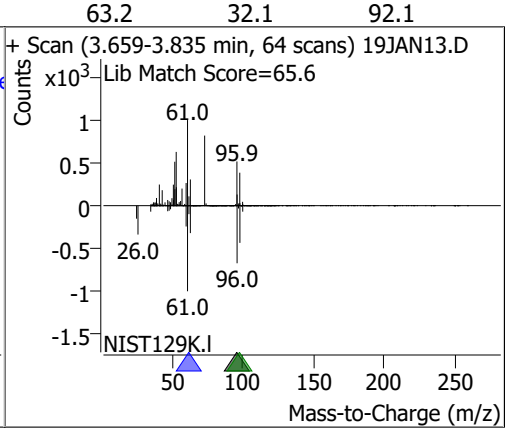




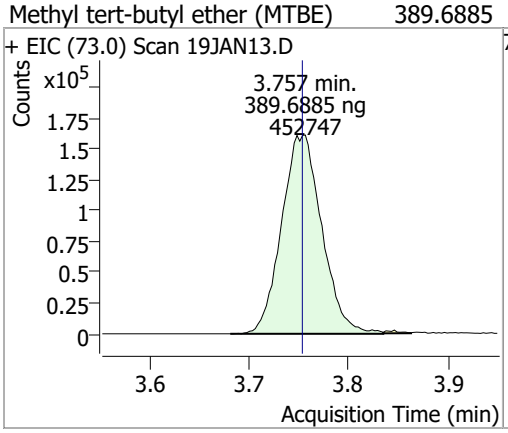
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	382.9648	3.71	-0.01	355984	61.0	154.8	124.8	184.8
					98.0	63.2	32.1	92.1

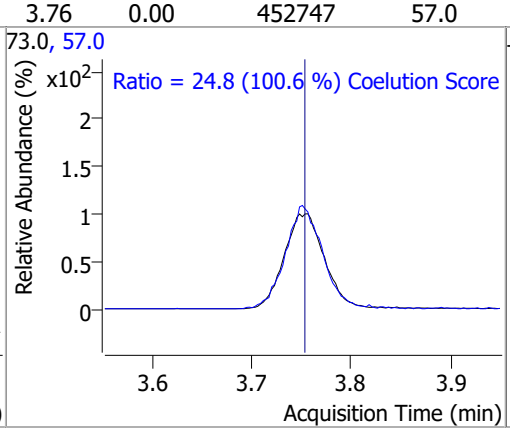


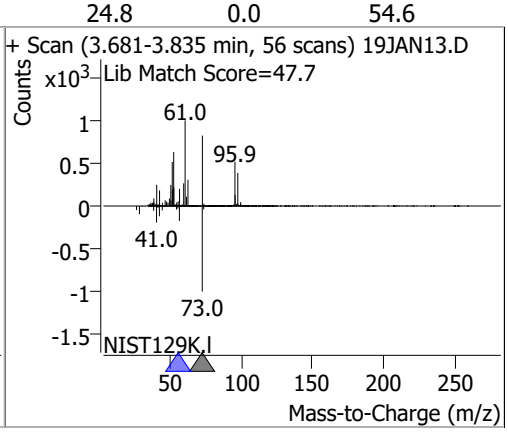




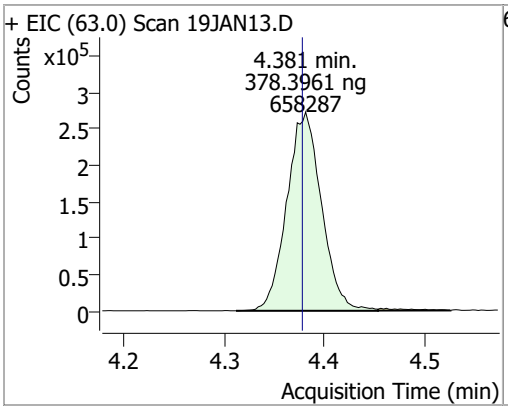
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	389.6885	3.76	0.00	452747	57.0	24.8	0.0	54.6

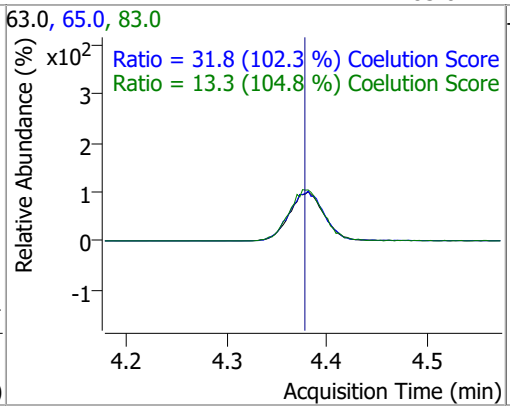


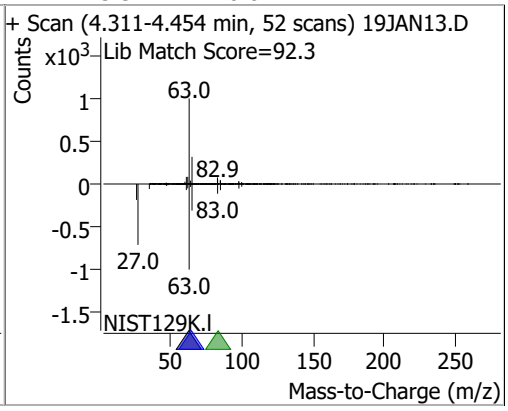




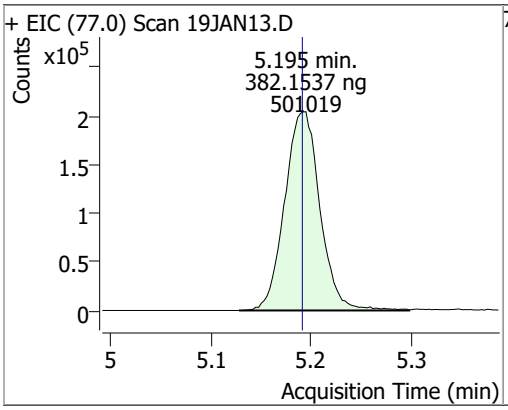
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	378.3961	4.38	0.00	658287	65.0	31.8	1.0	61.0
					83.0	13.3	0.0	42.7

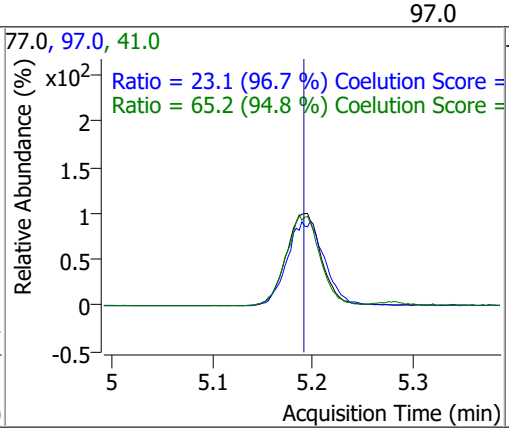


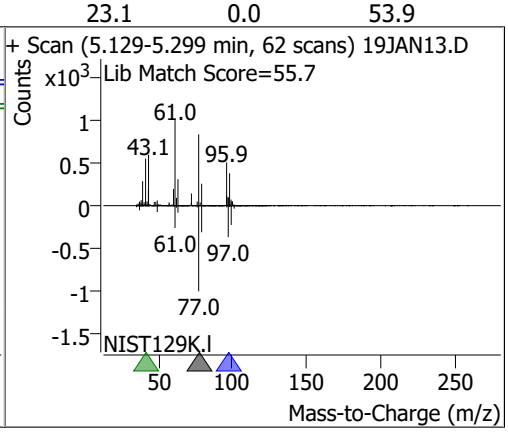




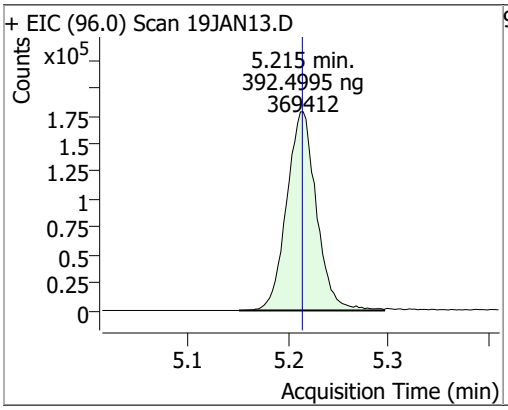
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	382.1537	5.20	0.00	501019	41.0	65.2	38.8	98.8
					97.0	23.1	0.0	53.9

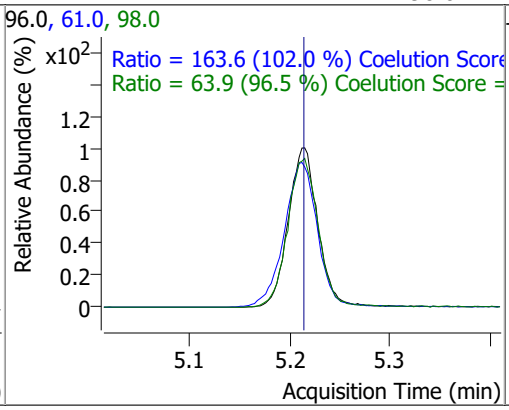


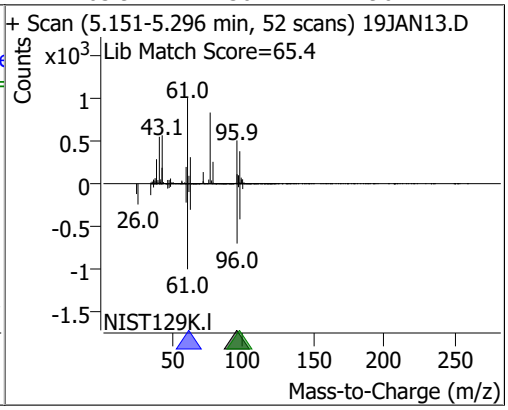




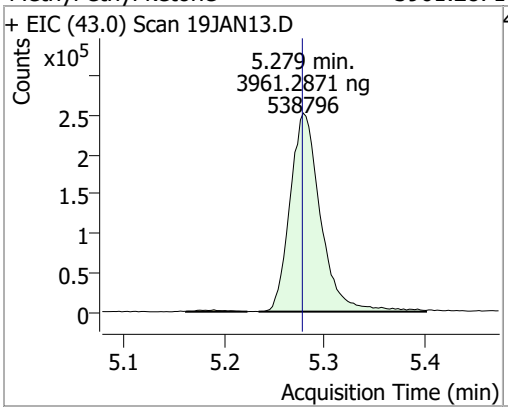
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	392.4995	5.21	0.00	369412	61.0	163.6	130.4	190.4
					98.0	63.9	36.2	96.2

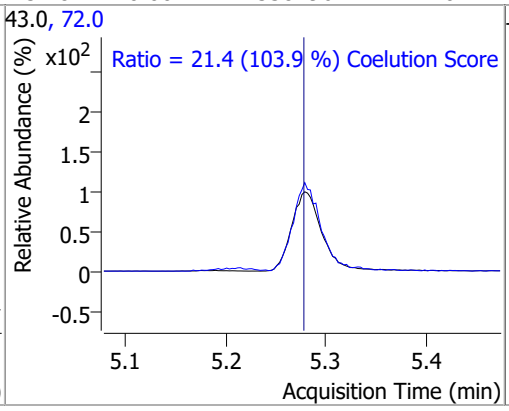


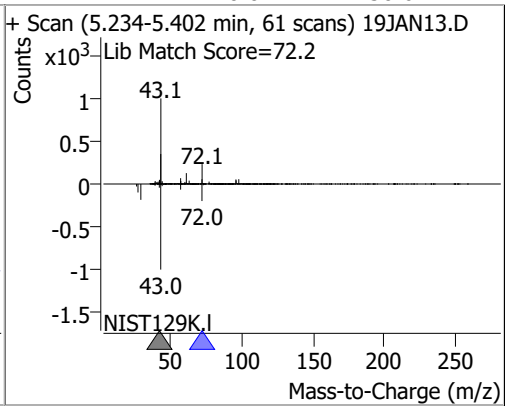




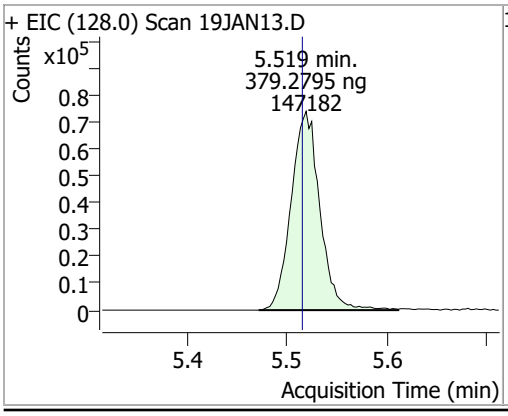
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	3961.2871	5.28	0.00	538796	72.0	21.4	0.0	50.6

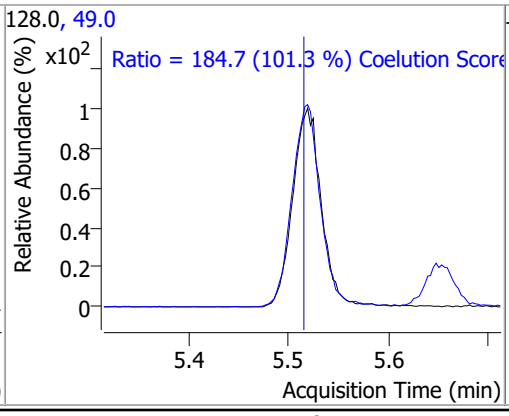


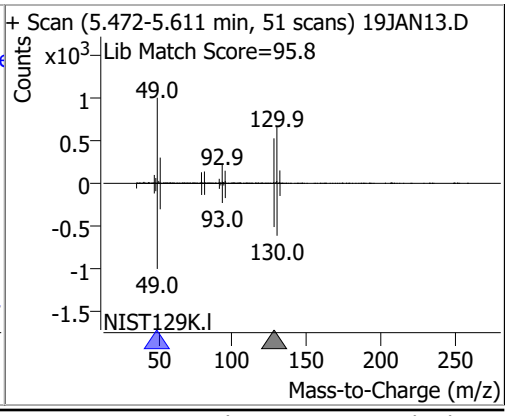




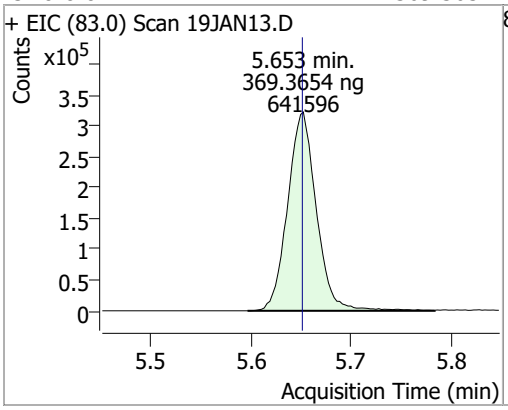
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	379.2795	5.52	0.00	147182	49.0	184.7	152.2	212.2

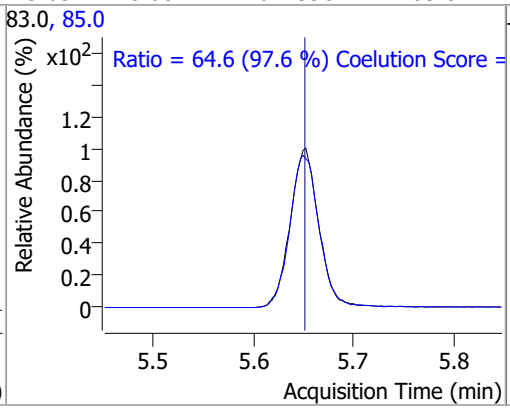


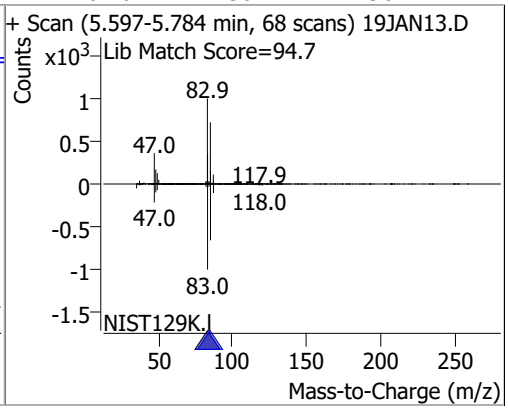




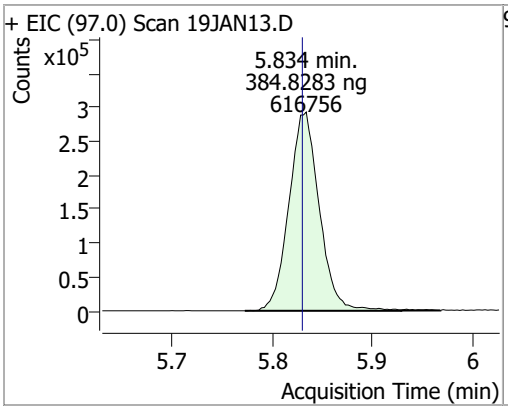
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	369.3654	5.65	0.00	641596	85.0	64.6	36.2	96.2

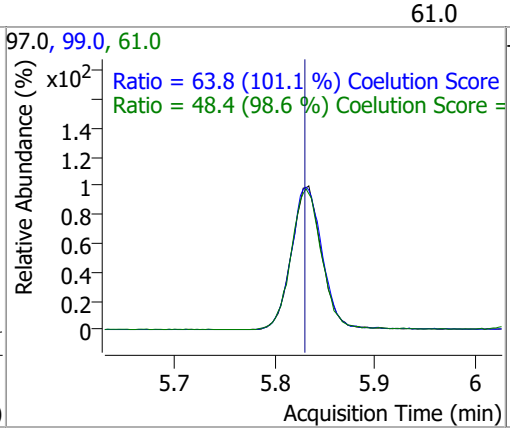


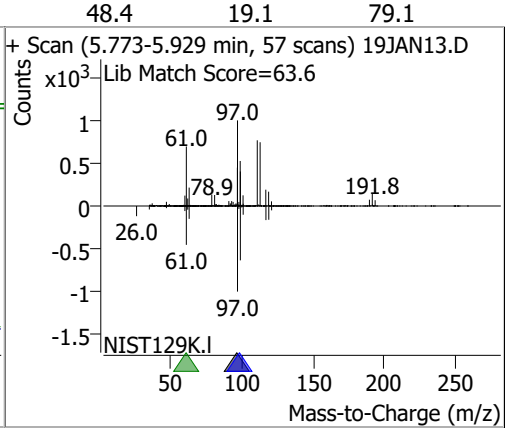




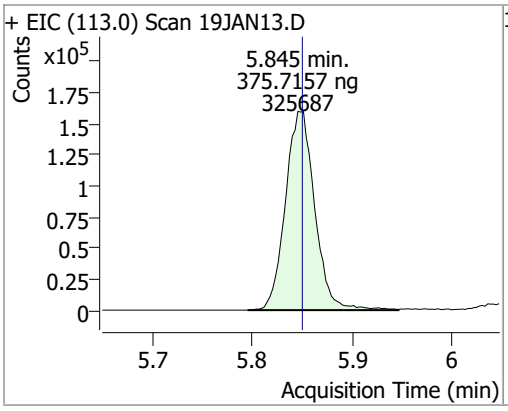
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	384.8283	5.83	0.00	616756	99.0	63.8	33.1	93.1
					61.0	48.4	19.1	79.1

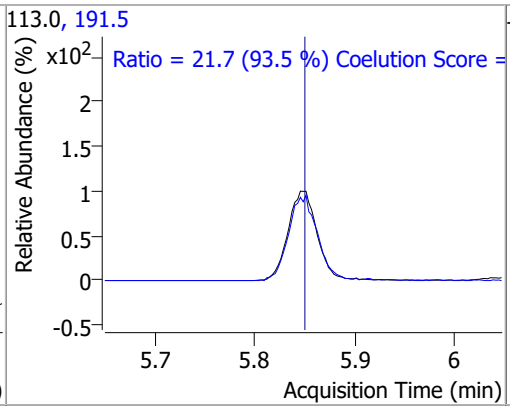


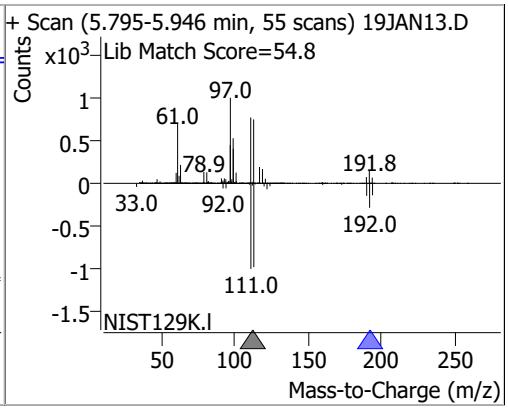




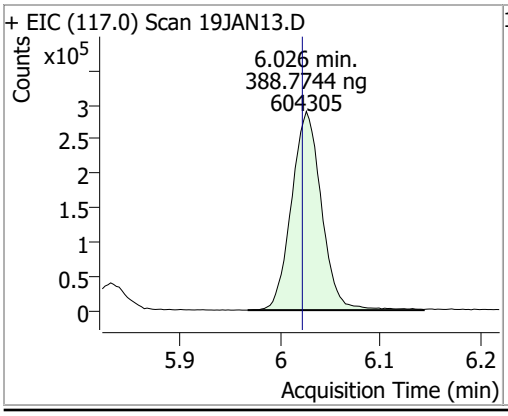
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	375.7157	5.85	-0.01	325687	191.5	21.7	0.0	53.2

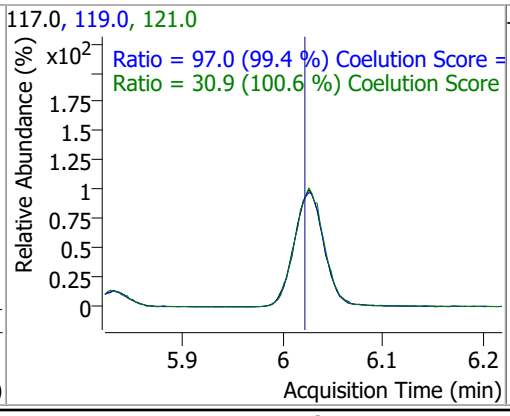


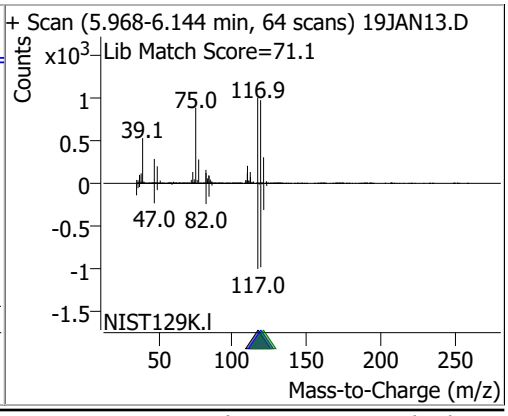




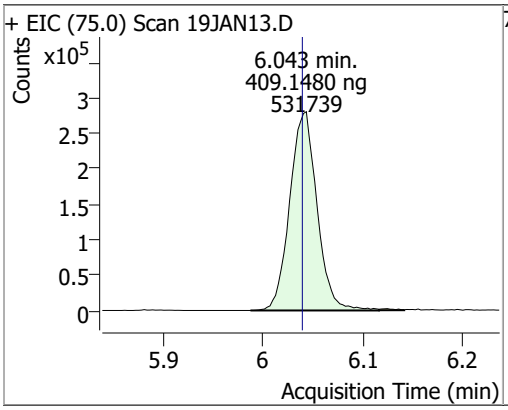
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	388.7744	6.03	0.00	604305	119.0	97.0	67.6	127.6
					121.0	30.9	0.7	60.7

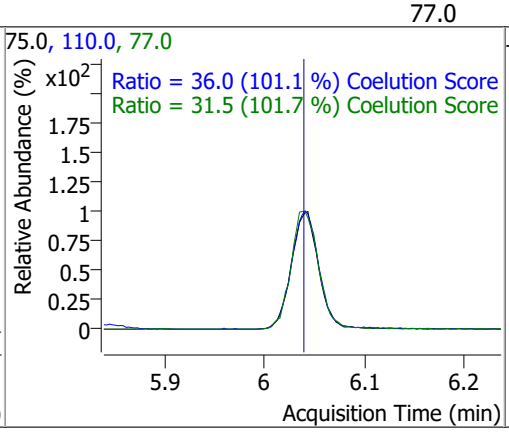


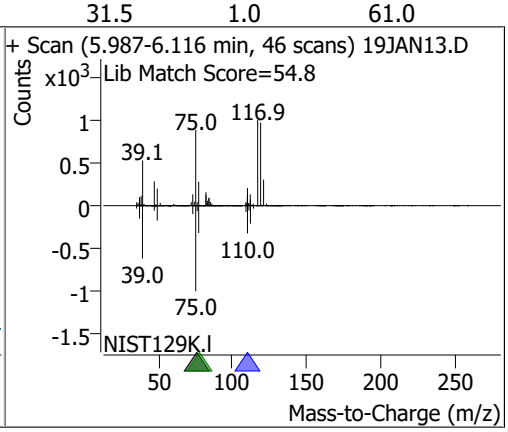




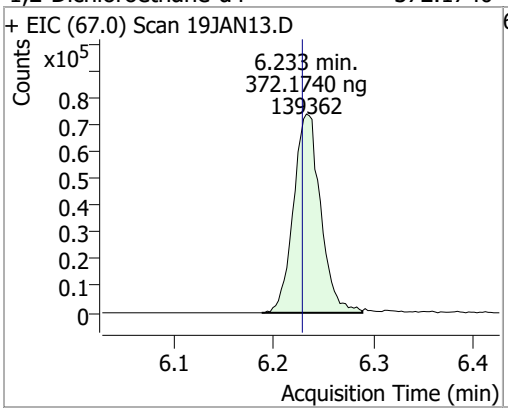
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	409.1480	6.04	0.00	531739	110.0	36.0	5.6	65.6
					77.0	31.5	1.0	61.0

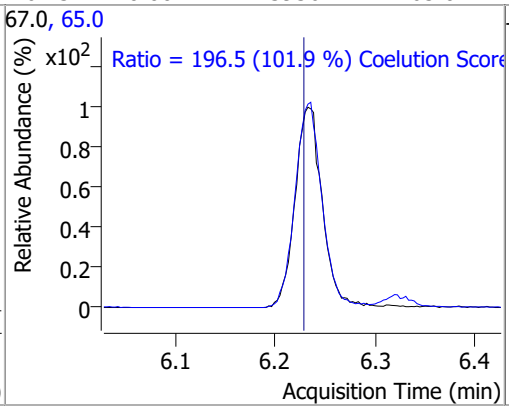


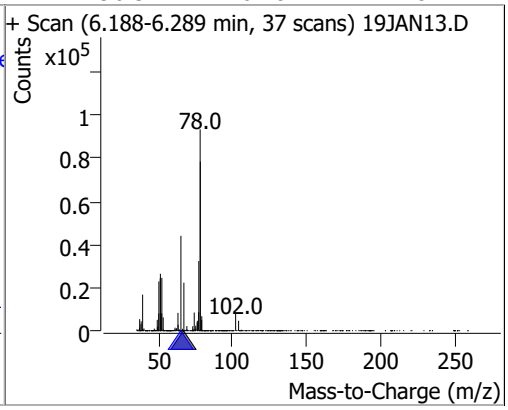




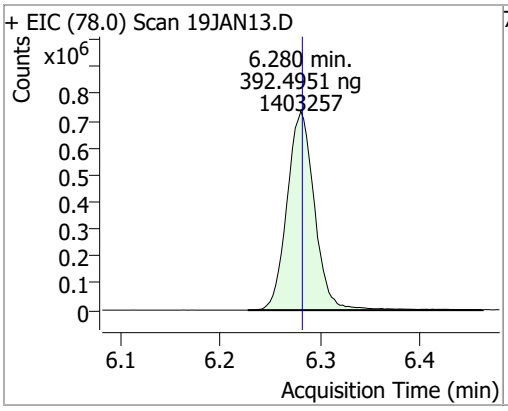
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	372.1740	6.23	0.00	139362	65.0	196.5	162.8	222.8

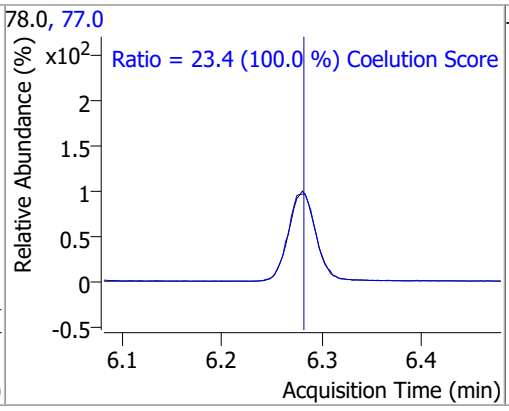


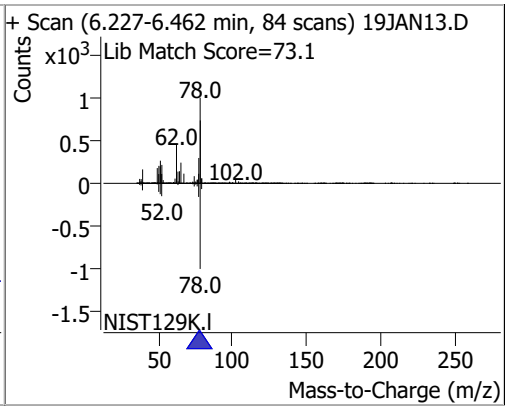




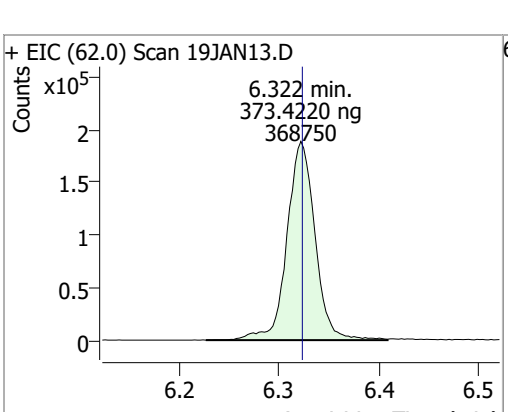
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	392.4951	6.28	0.00	1403257	77.0	23.4	0.0	53.3

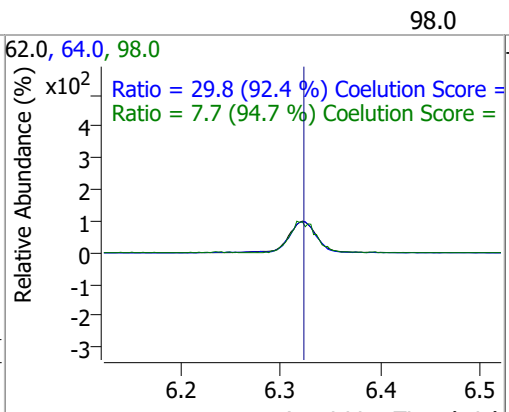


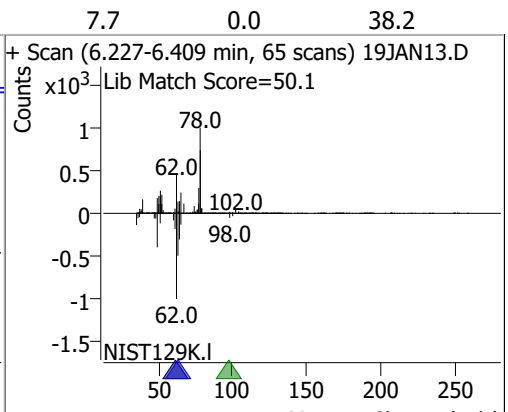




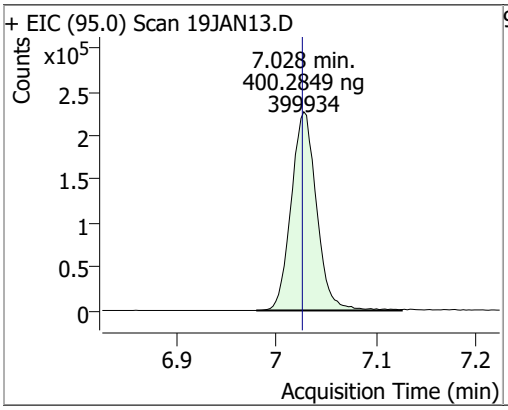
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	373.4220	6.32	0.00	368750	64.0	29.8	2.2	62.2
					98.0	7.7	0.0	38.2

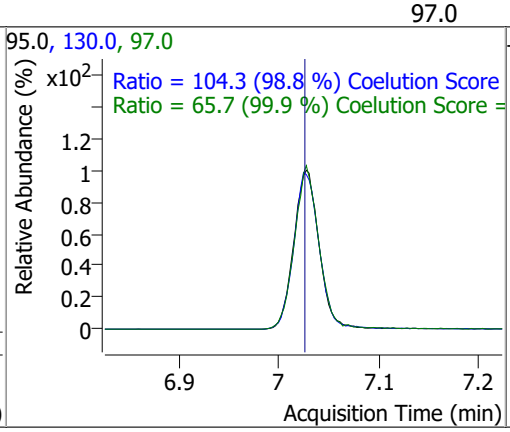


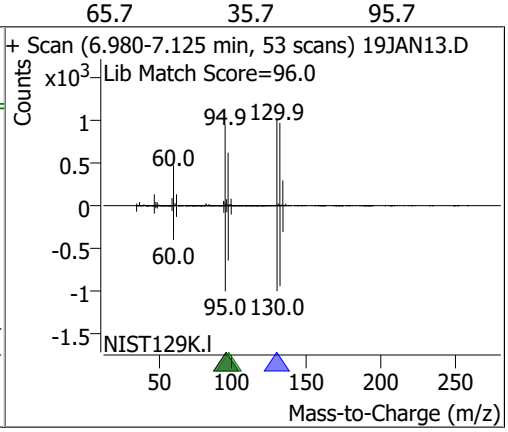




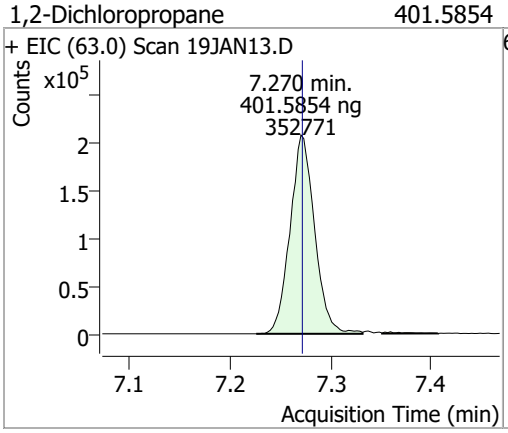
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	400.2849	7.03	0.00	399934	130.0	104.3	75.6	135.6
					97.0	65.7	35.7	95.7

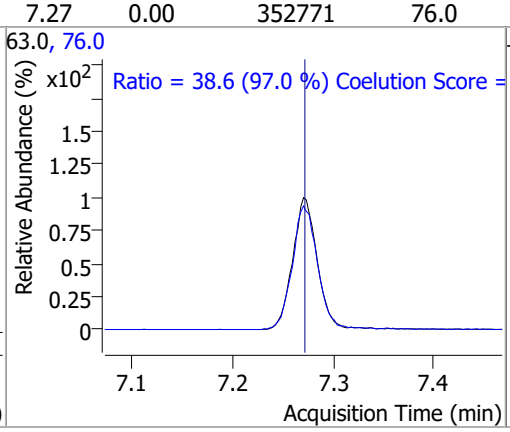


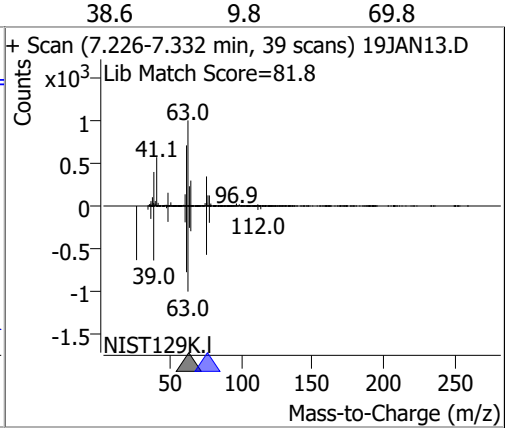




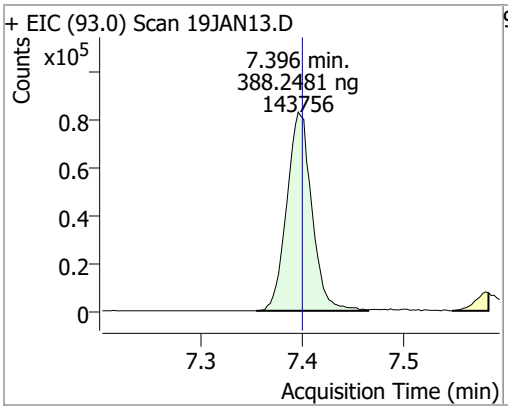
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	401.5854	7.27	0.00	352771	76.0	38.6	9.8	69.8

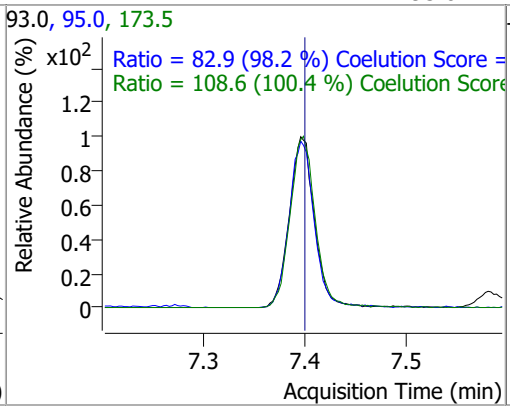


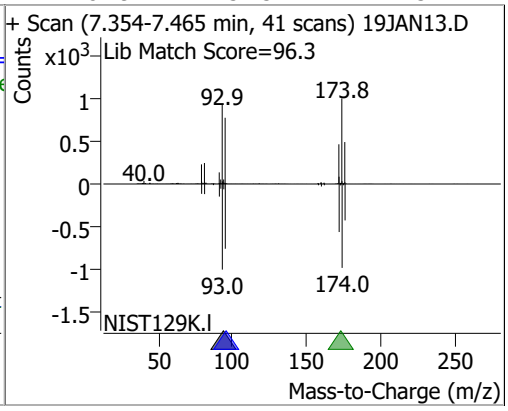




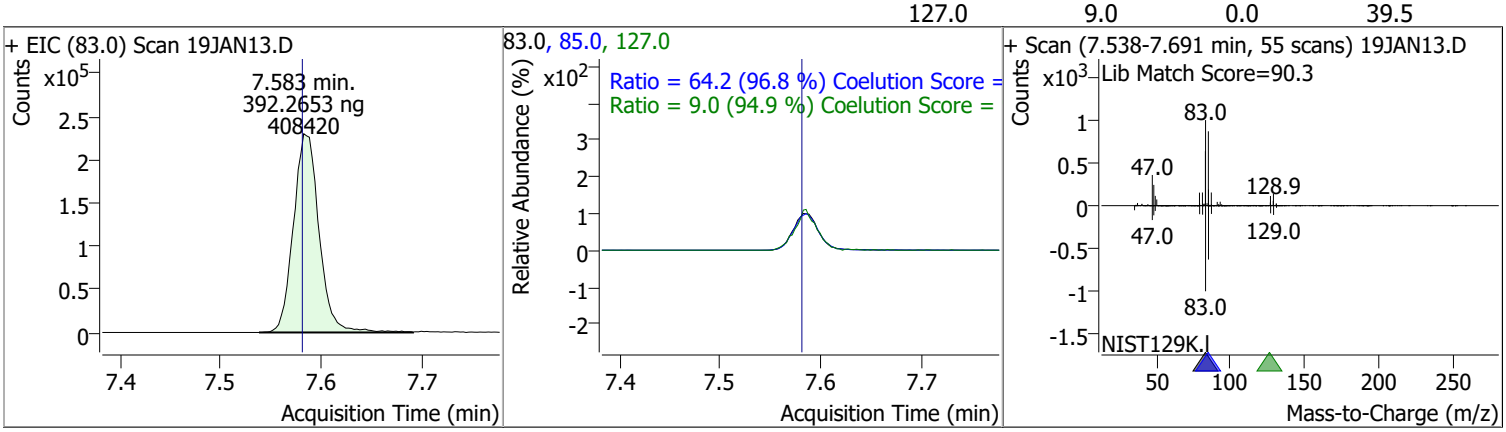
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	388.2481	7.40	0.00	143756	173.5	108.6	78.2	138.2
					95.0	82.9	54.5	114.5



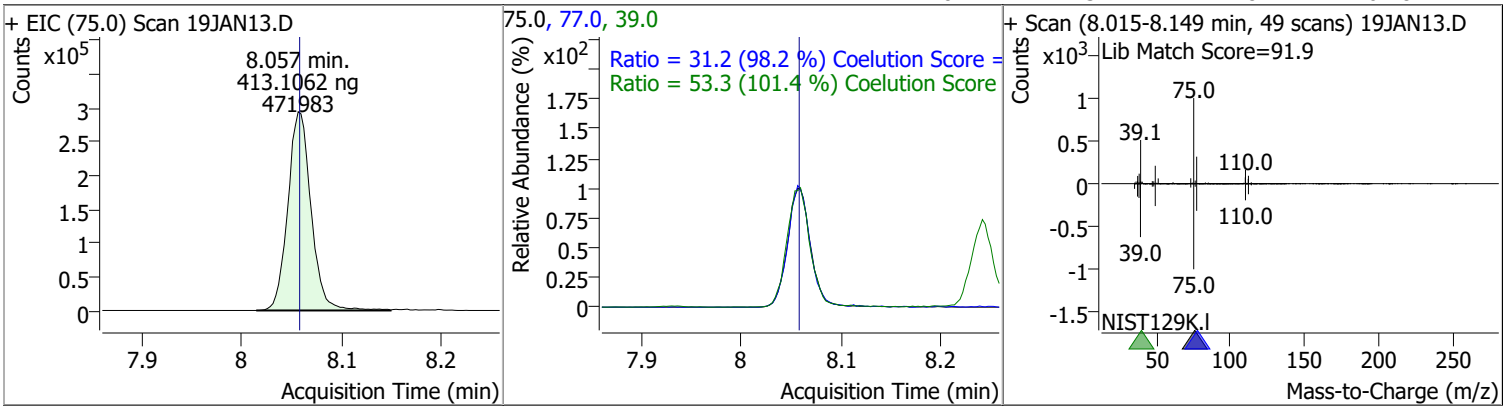




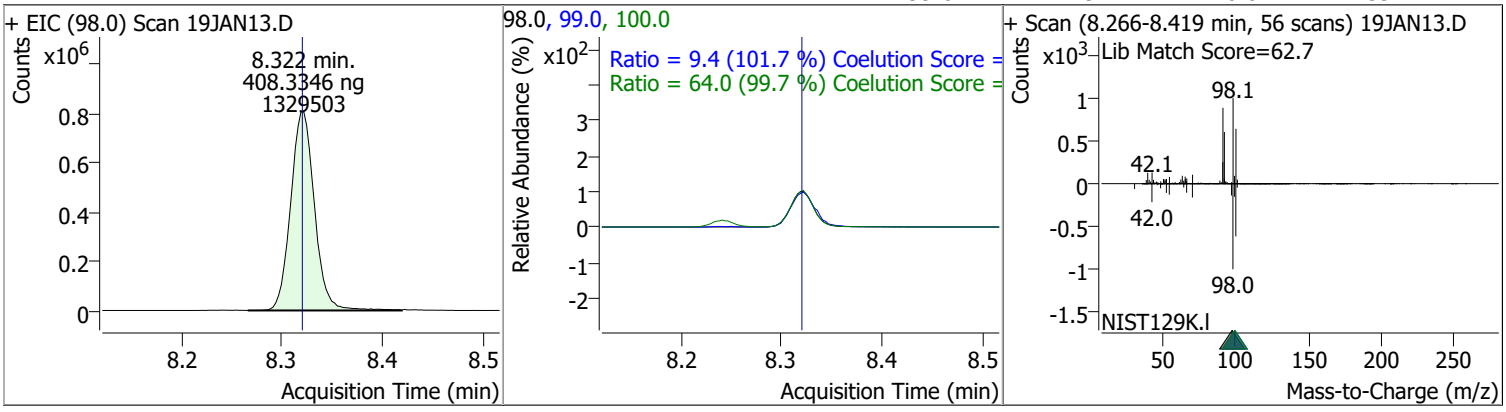
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	392.2653	7.58	0.00	408420	85.0	64.2	36.3	96.3
					127.0	9.0	0.0	39.5



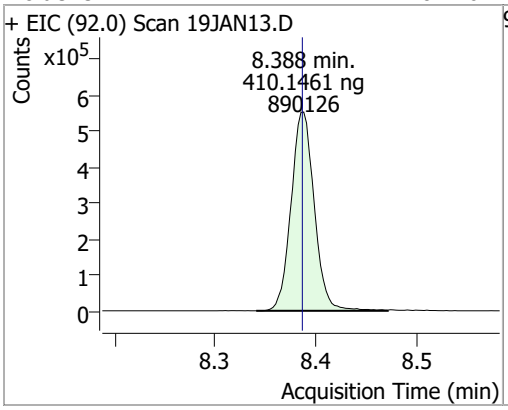
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	413.1062	8.06	0.00	471983	39.0	53.3	22.5	82.5
					77.0	31.2	1.8	61.8

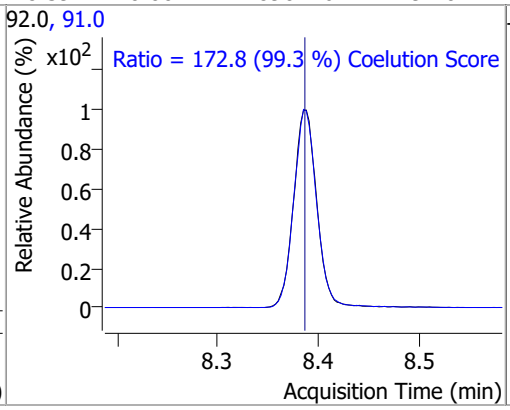


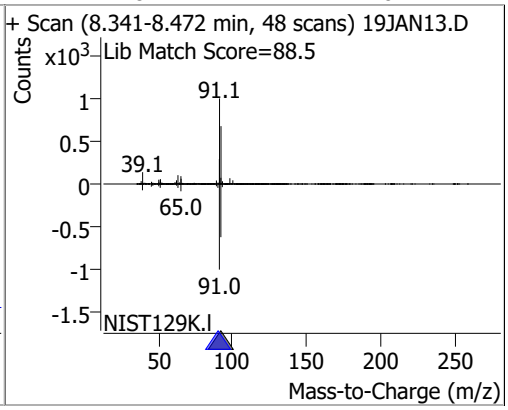
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	408.3346	8.32	0.00	1329503	100.0	64.0	34.3	94.3
					99.0	9.4	0.0	39.2



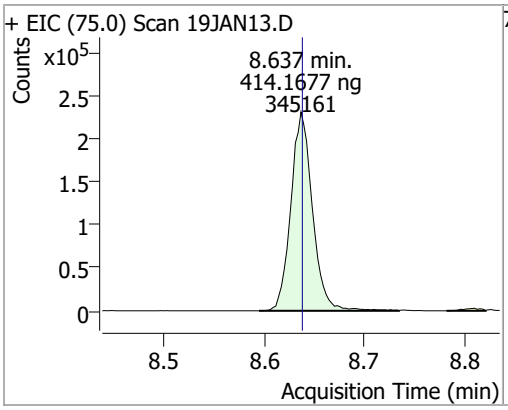
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	410.1461	8.39	0.00	890126	91.0	172.8	144.1	204.1

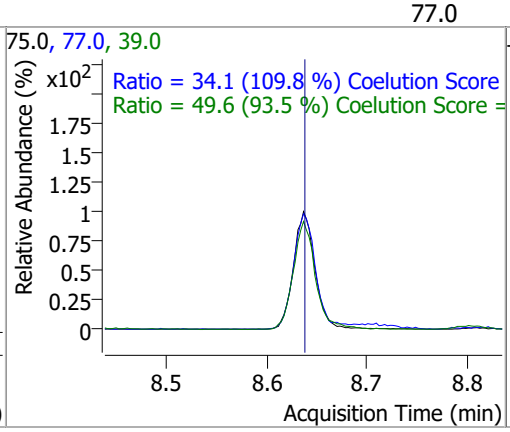


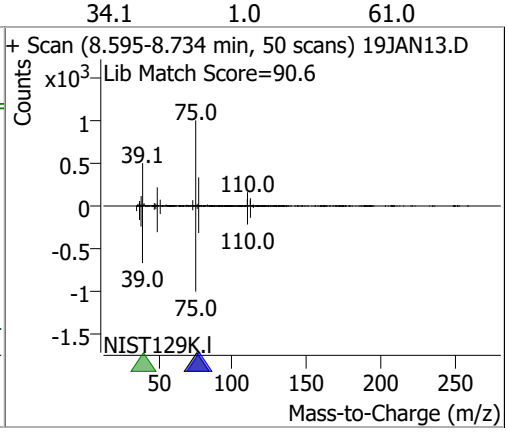




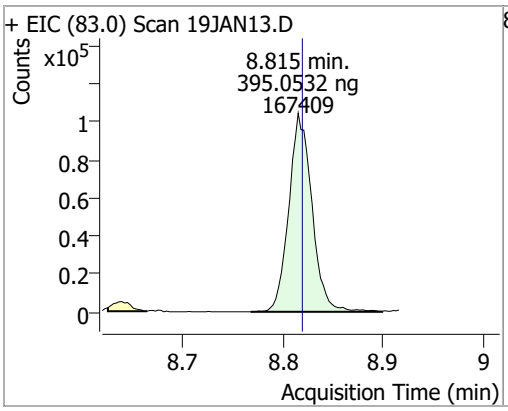
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	414.1677	8.64	0.00	345161	39.0	49.6	23.0	83.0
					77.0	34.1	1.0	61.0

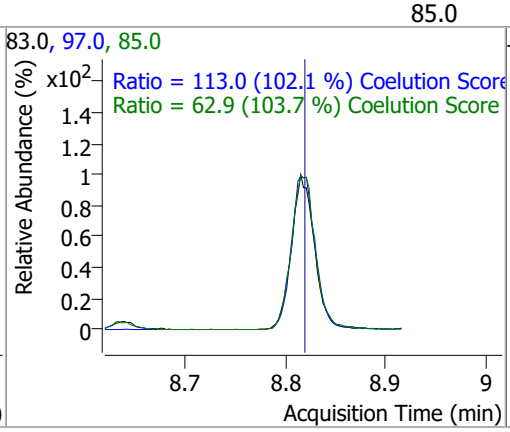


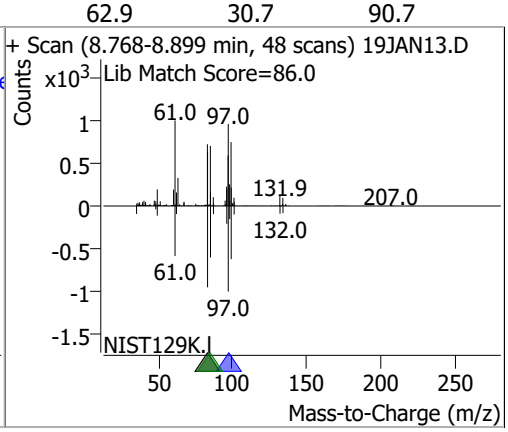




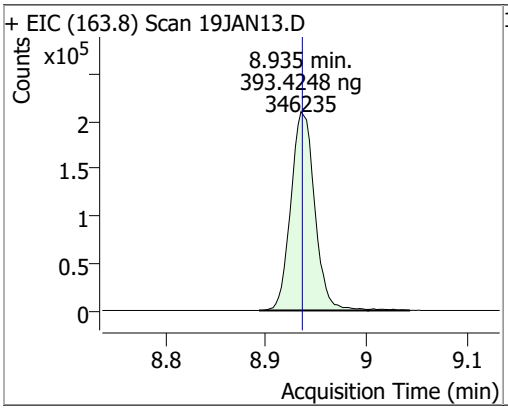
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	395.0532	8.82	0.00	167409	97.0	113.0	80.7	140.7
					85.0	62.9	30.7	90.7

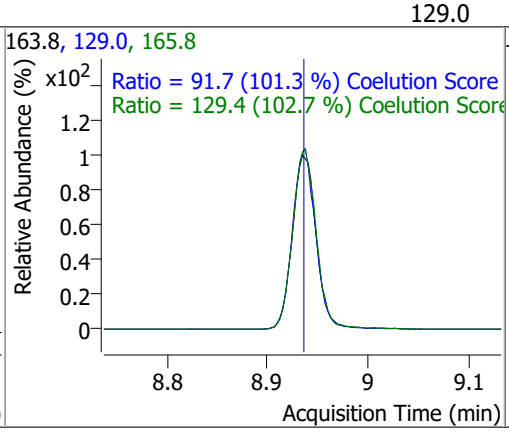


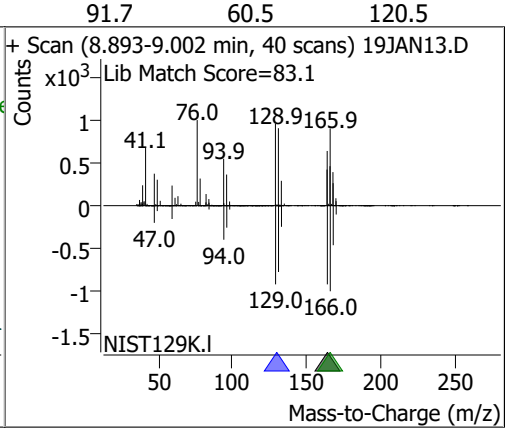




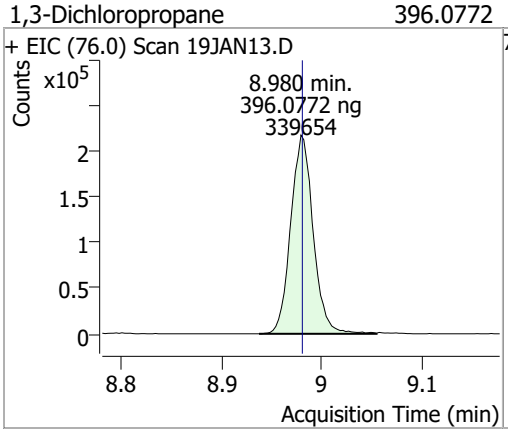
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	393.4248	8.94	0.00	346235	165.8	129.4	96.1	156.1
					129.0	91.7	60.5	120.5

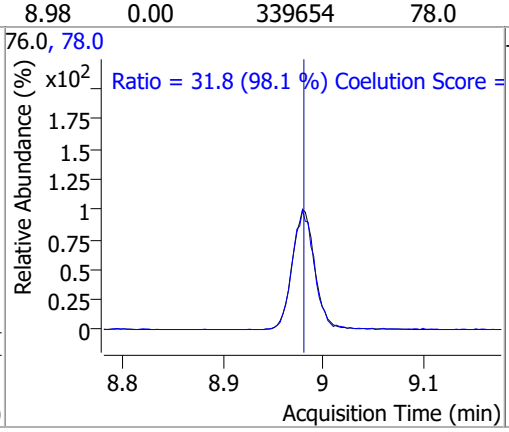


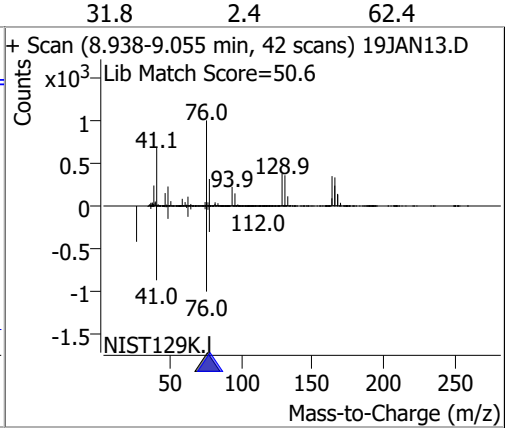




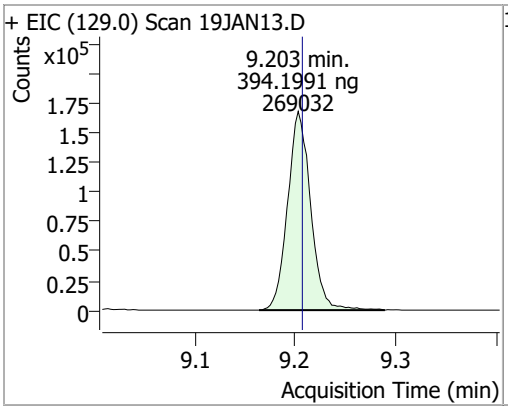
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	396.0772	8.98	0.00	339654	78.0	31.8	2.4	62.4

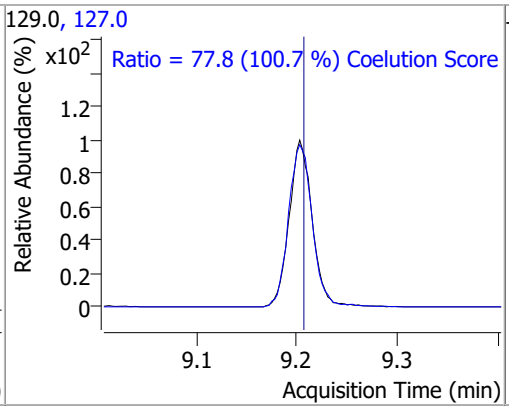


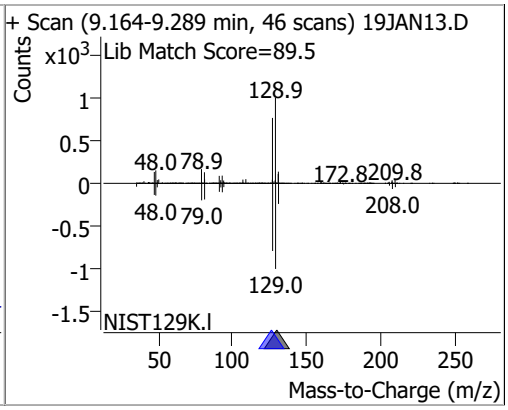




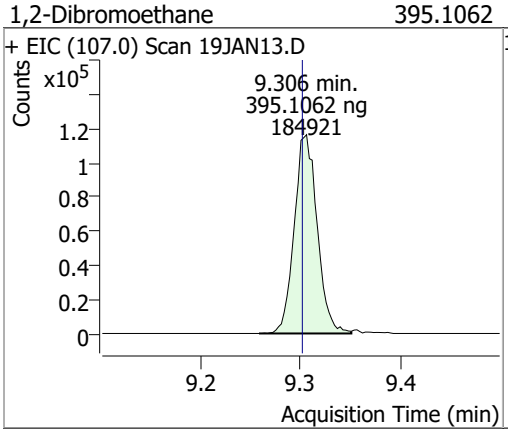
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	394.1991	9.20	0.00	269032	127.0	77.8	47.2	107.2

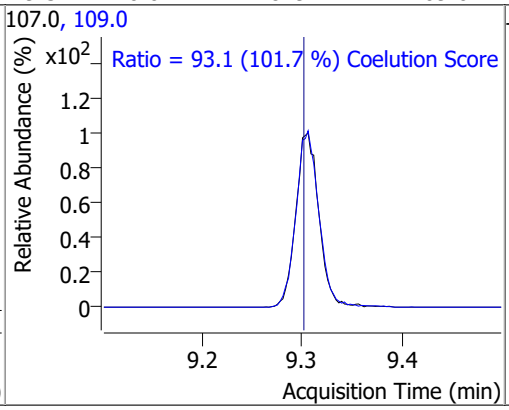


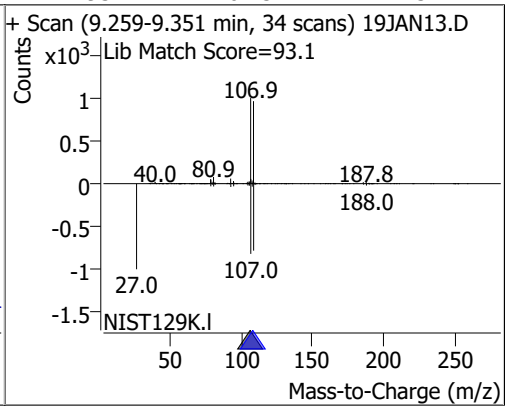




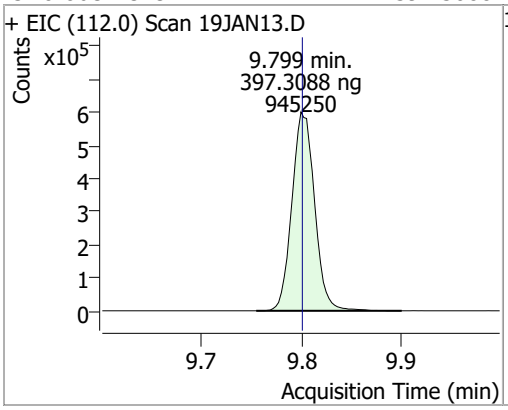
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	395.1062	9.31	0.01	184921	109.0	93.1	61.5	121.5

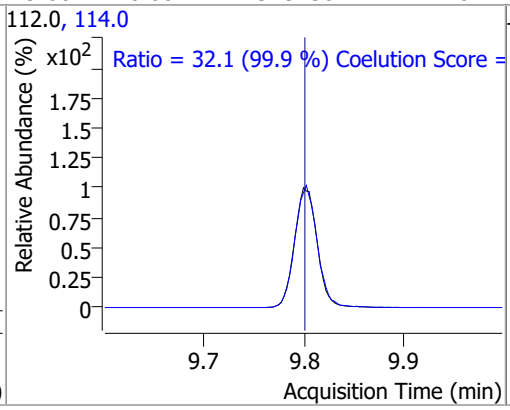


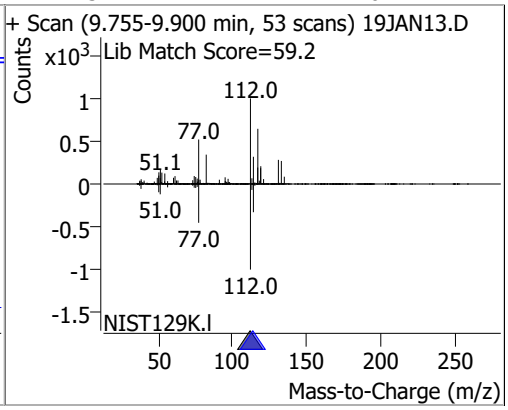




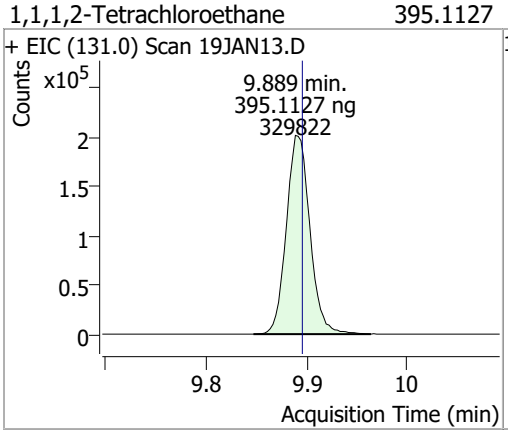
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	397.3088	9.80	0.00	945250	114.0	32.1	2.2	62.2

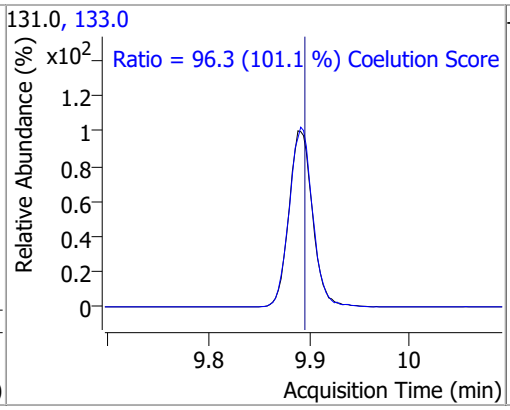


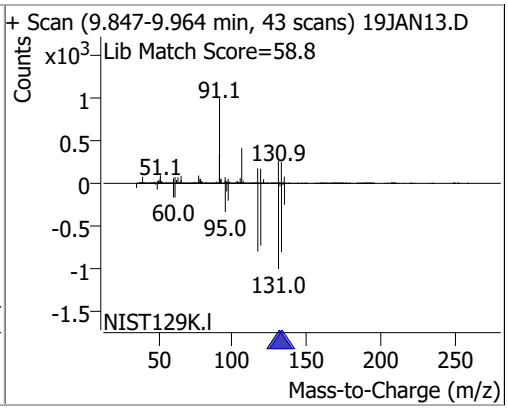




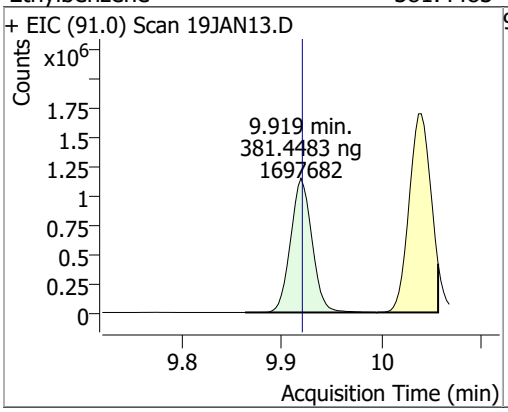
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	395.1127	9.89	-0.01	329822	133.0	96.3	65.3	125.3

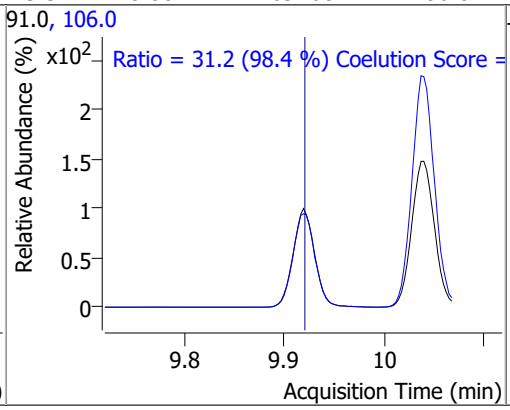


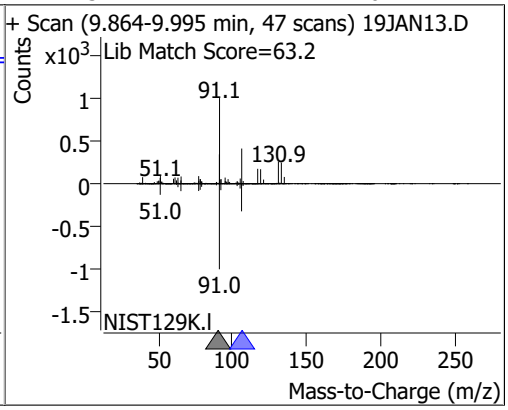




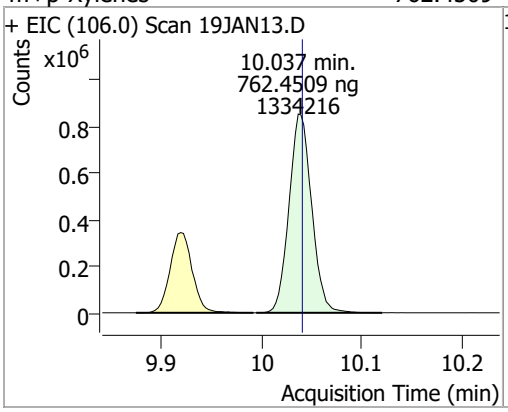
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	381.4483	9.92	0.00	1697682	106.0	31.2	1.7	61.7

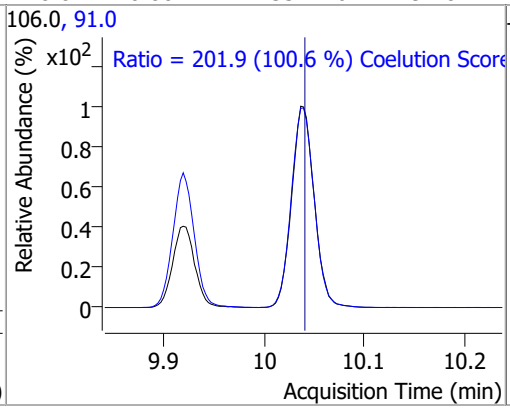


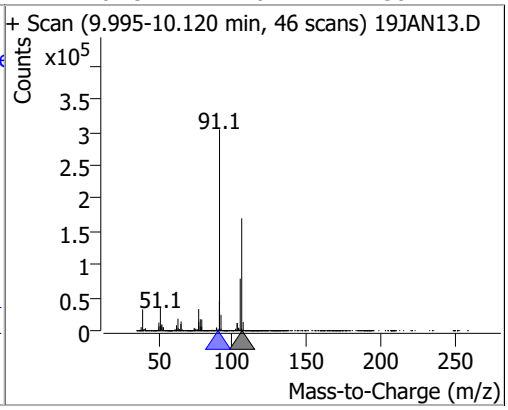




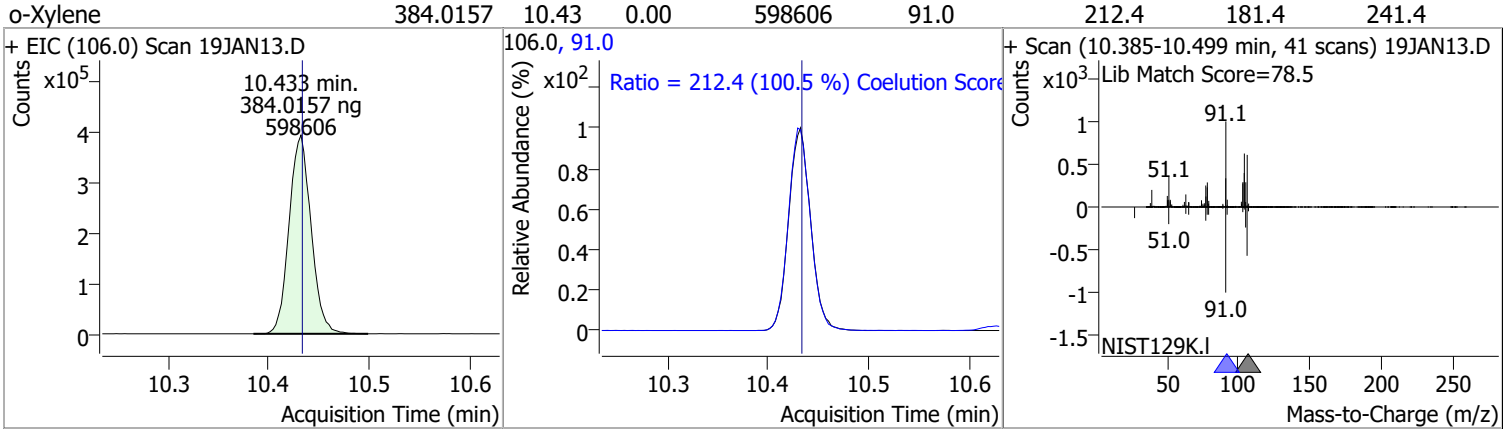
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	762.4509	10.04	0.00	1334216	91.0	201.9	170.7	230.7



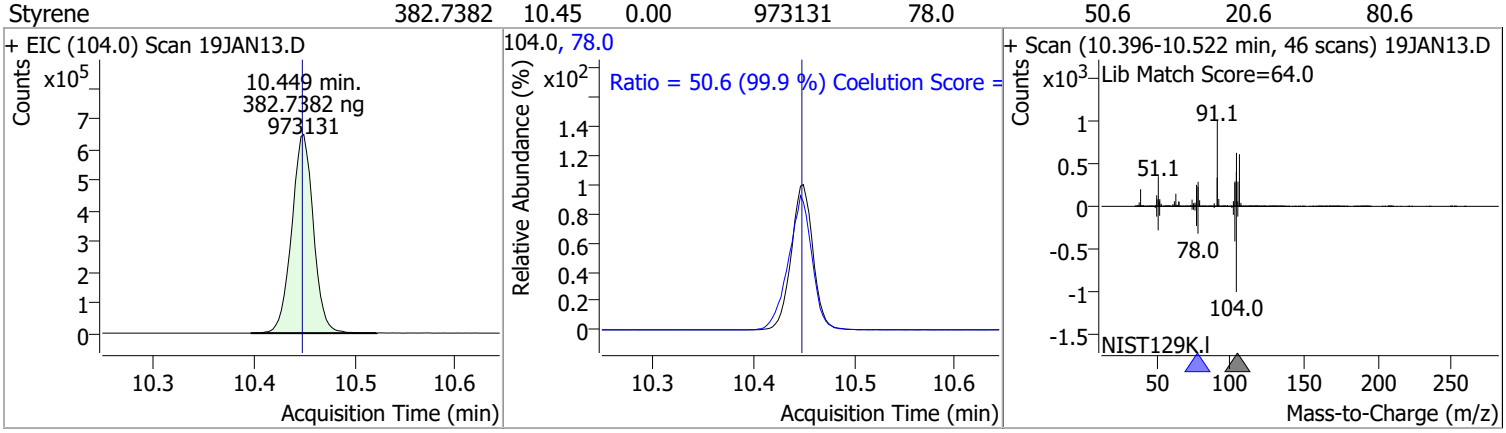




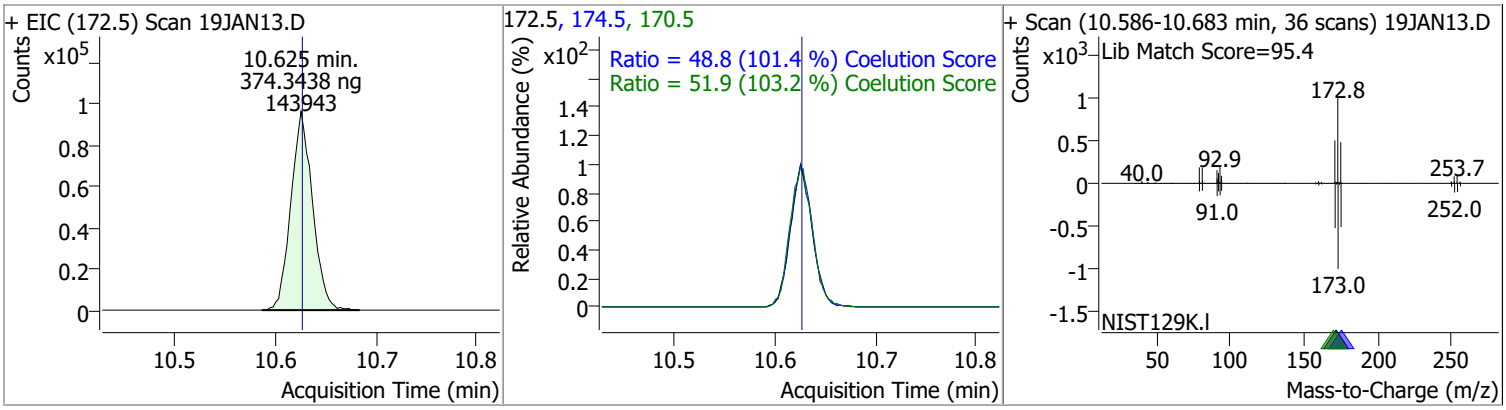
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	384.0157	10.43	0.00	598606	91.0	212.4	181.4	241.4



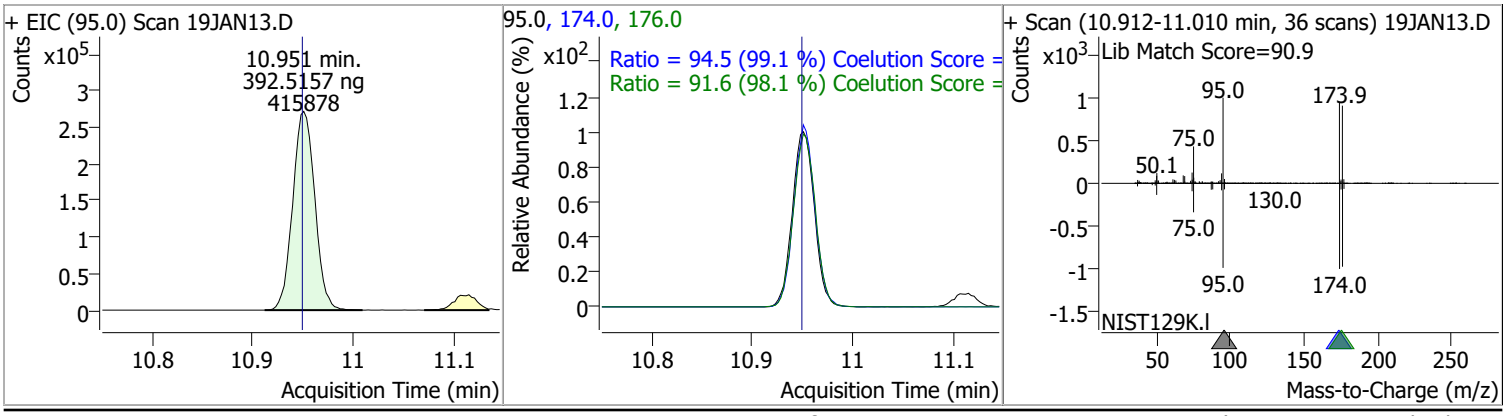
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	382.7382	10.45	0.00	973131	78.0	50.6	20.6	80.6



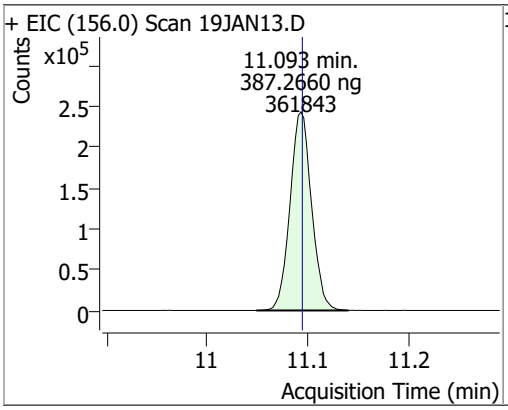
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	374.3438	10.62	0.00	143943	170.5	51.9	20.3	80.3
					174.5	48.8	18.1	78.1

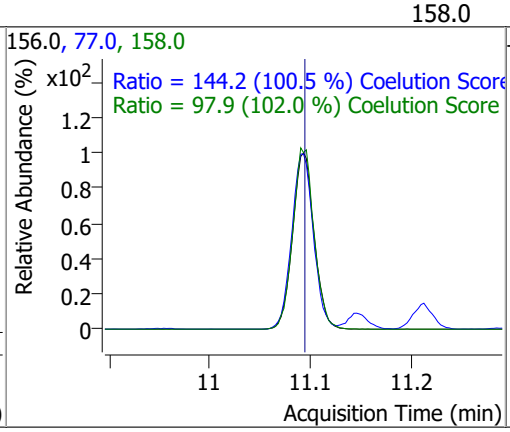


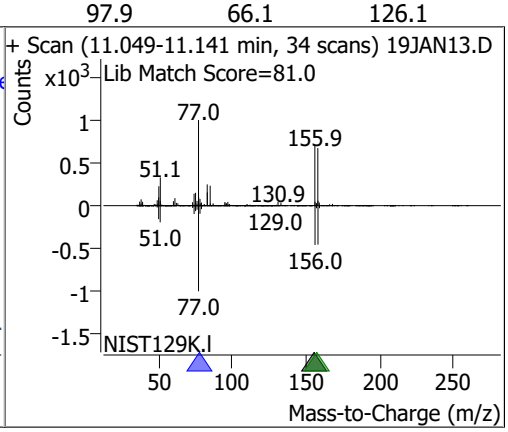
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	392.5157	10.95	0.00	415878	174.0	94.5	65.3	125.3
					176.0	91.6	63.3	123.3



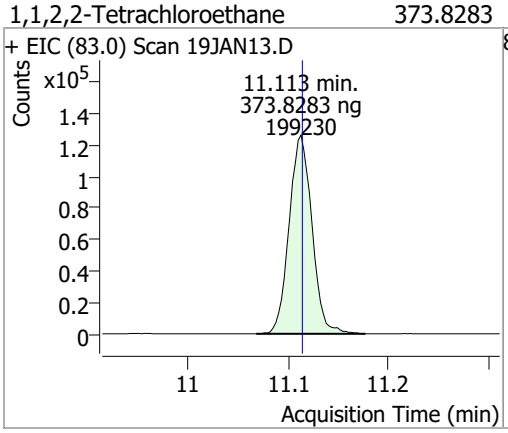
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	387.2660	11.09	0.00	361843	77.0	144.2	113.5	173.5
					158.0	97.9	66.1	126.1

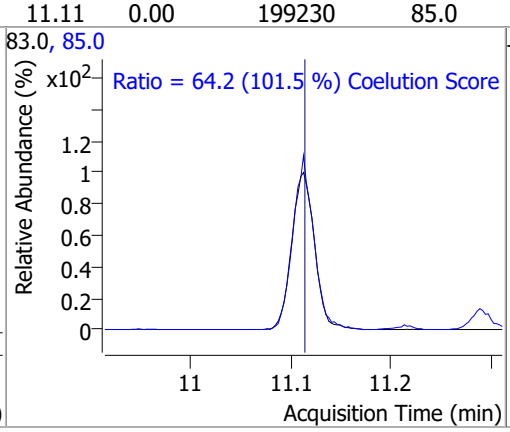


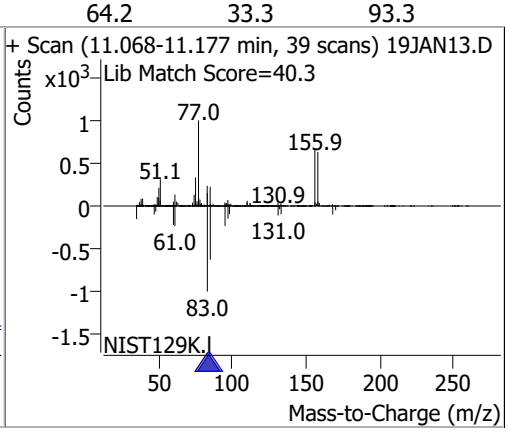




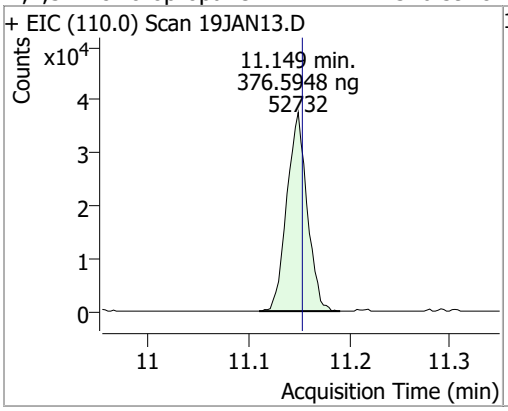
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	373.8283	11.11	0.00	199230	85.0	64.2	33.3	93.3

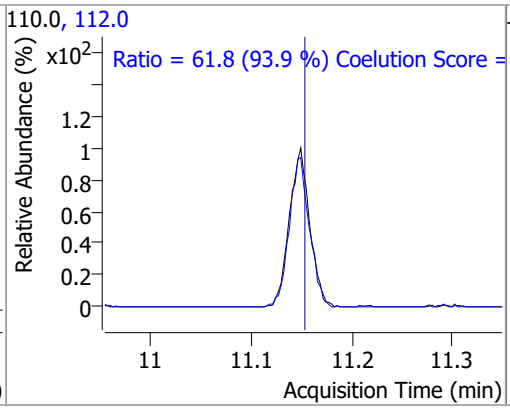


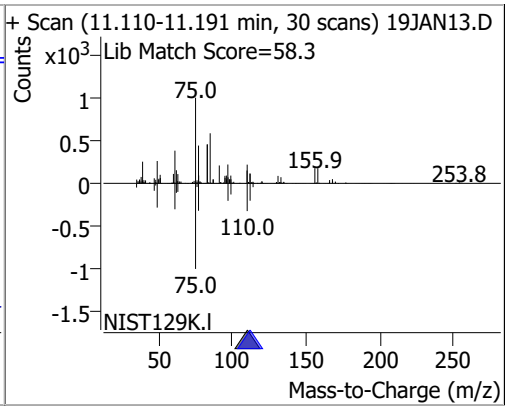




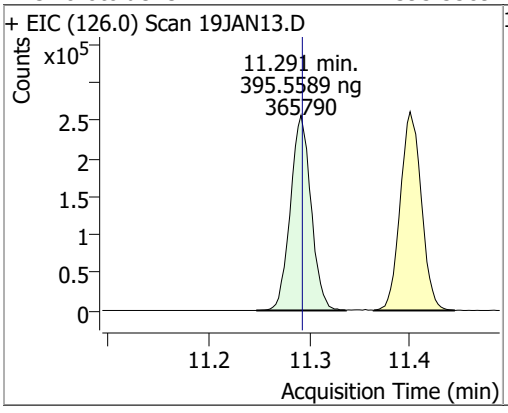
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	376.5948	11.15	0.00	52732	112.0	61.8	35.8	95.8

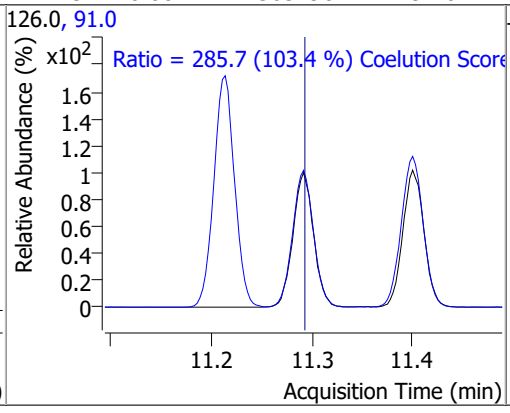


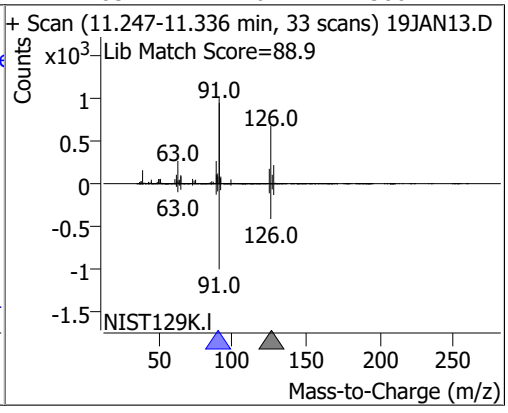




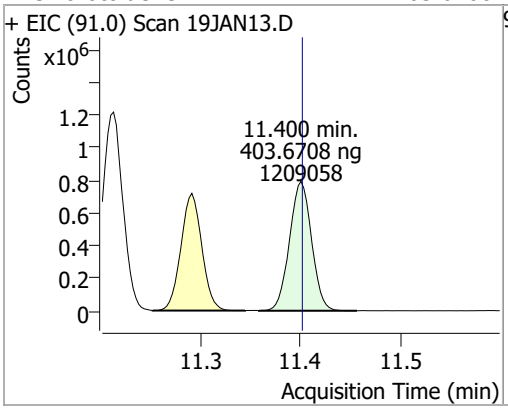
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	395.5589	11.29	0.00	365790	91.0	285.7	246.2	306.2

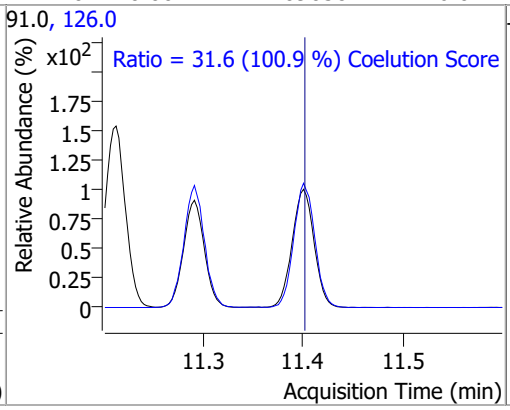


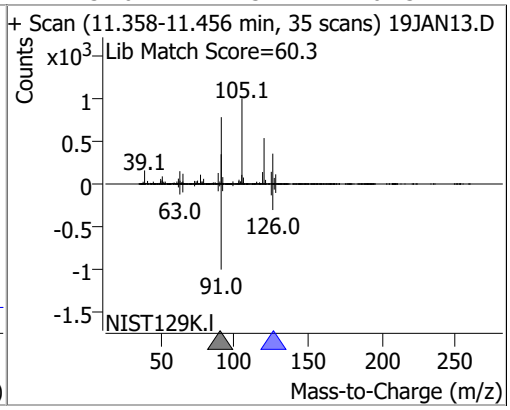




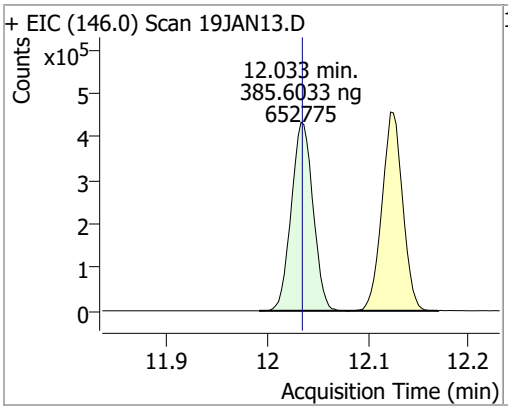
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	403.6708	11.40	0.00	1209058	126.0	31.6	1.3	61.3

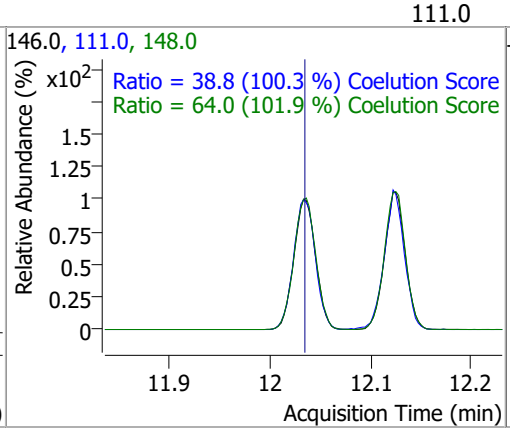


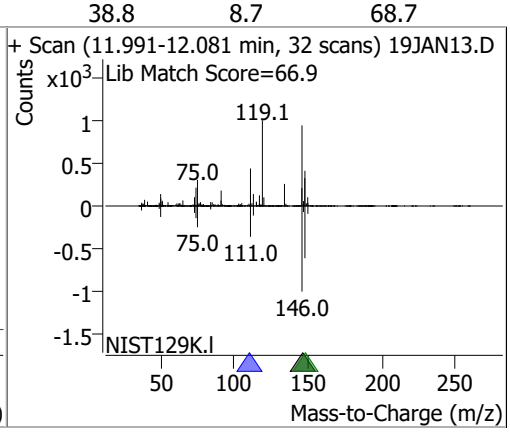




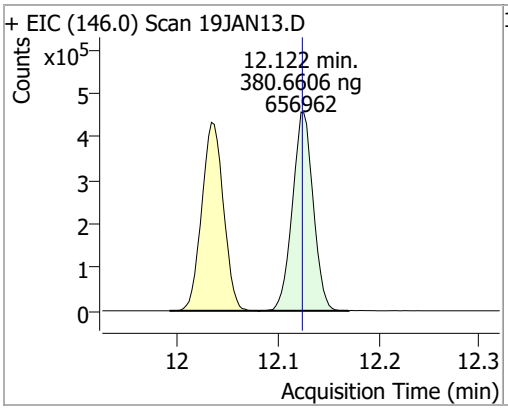
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	385.6033	12.03	0.00	652775	148.0	64.0	32.8	92.8
					111.0	38.8	8.7	68.7

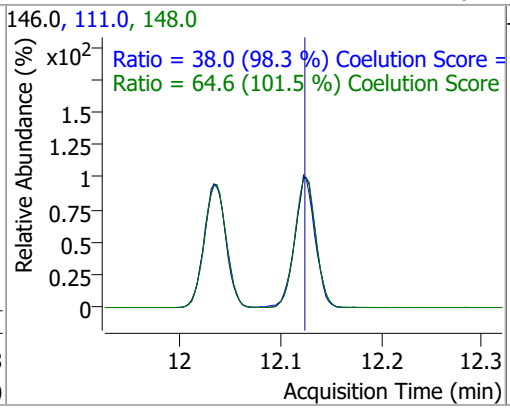


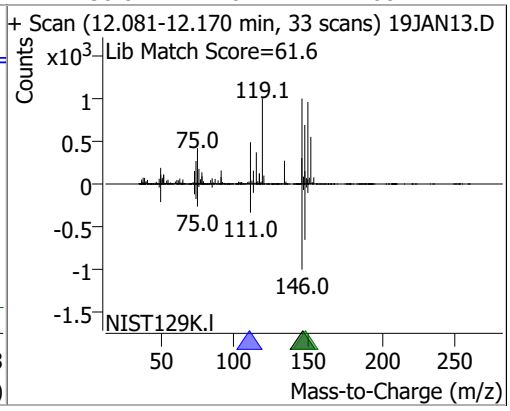




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	380.6606	12.12	0.00	656962	148.0	64.6	33.7	93.7
					111.0	38.0	8.7	68.7

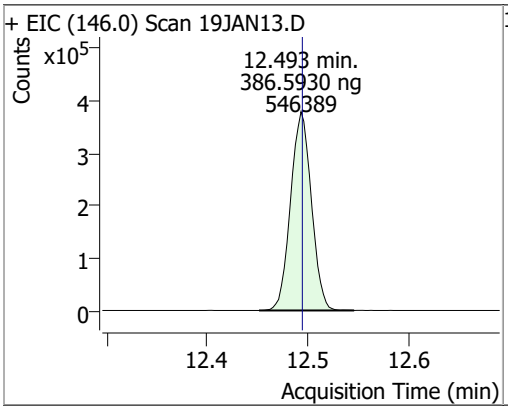


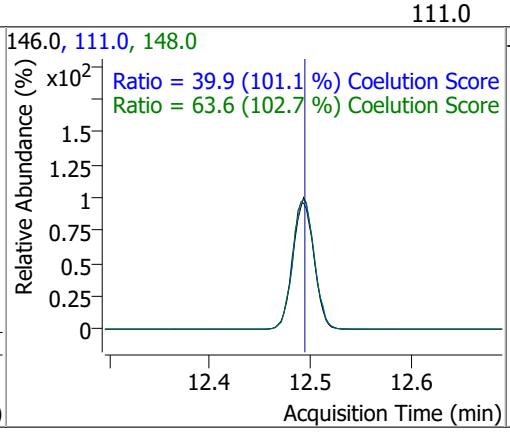


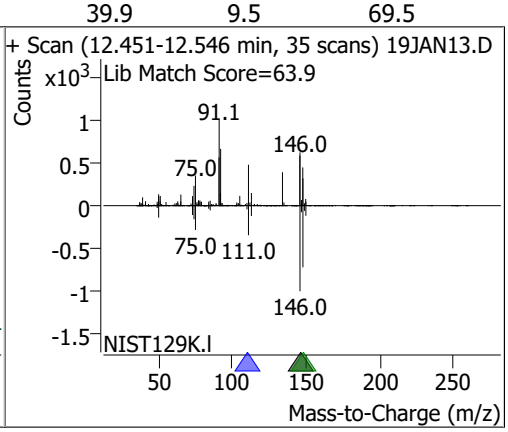


Quantitation Results Report (QT Reviewed)

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)

Agilent | Trusted Answers

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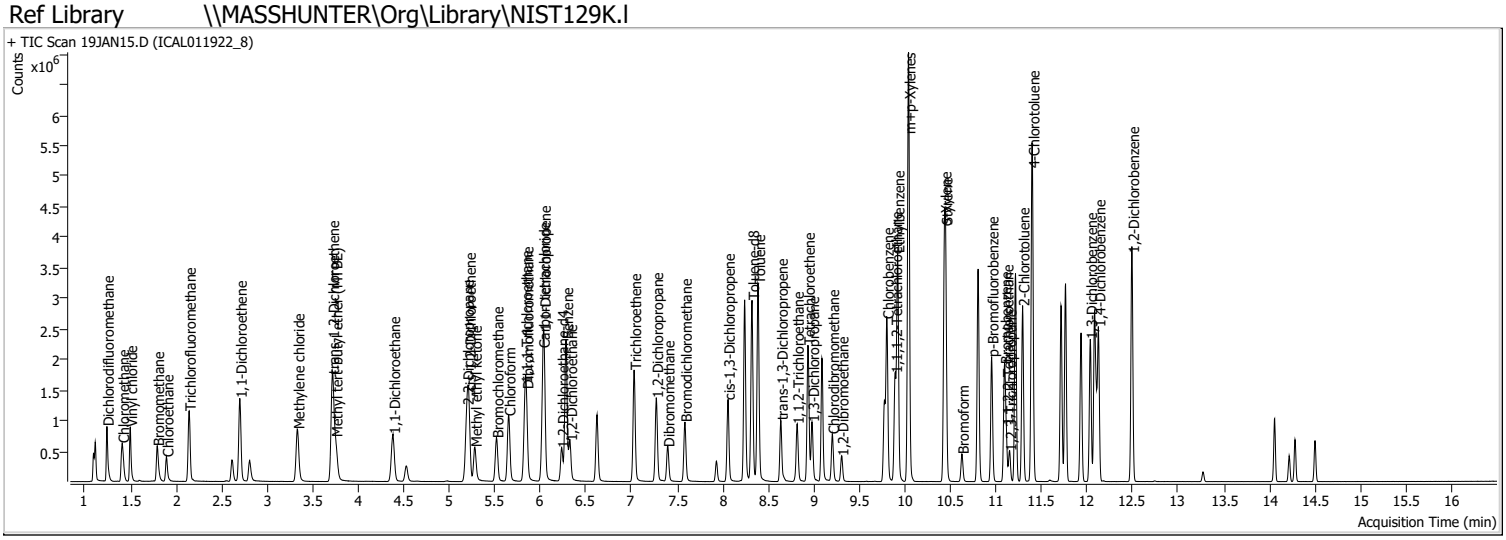
Sample Name	ICAL011922_8	Instrument	VOA5975C
Vial	15	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

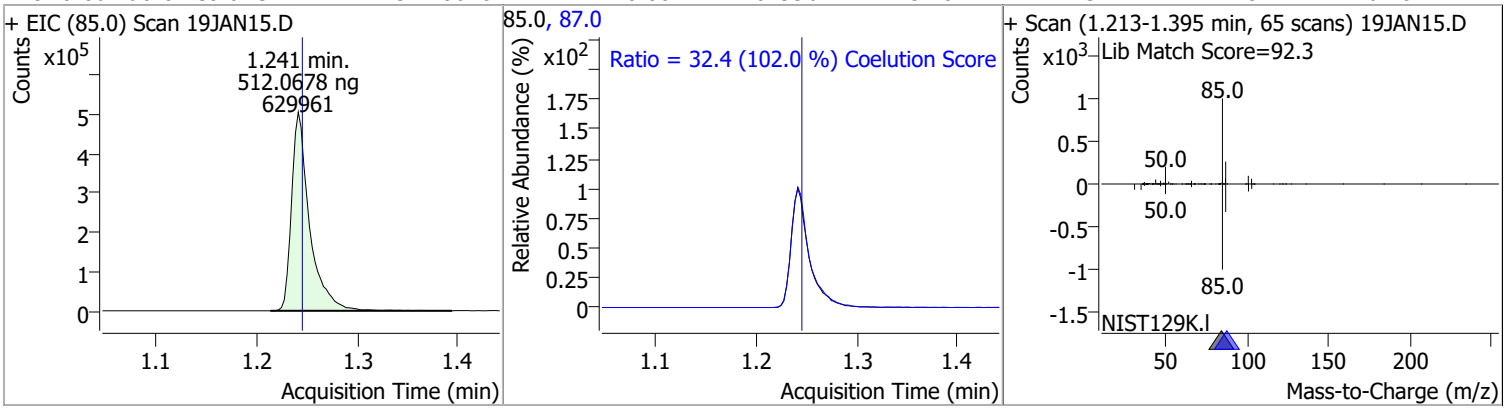


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	914923	250.0000	ng		0.000
M Chlorobenzene-d5	9.775	82.0	348824	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	291918	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	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

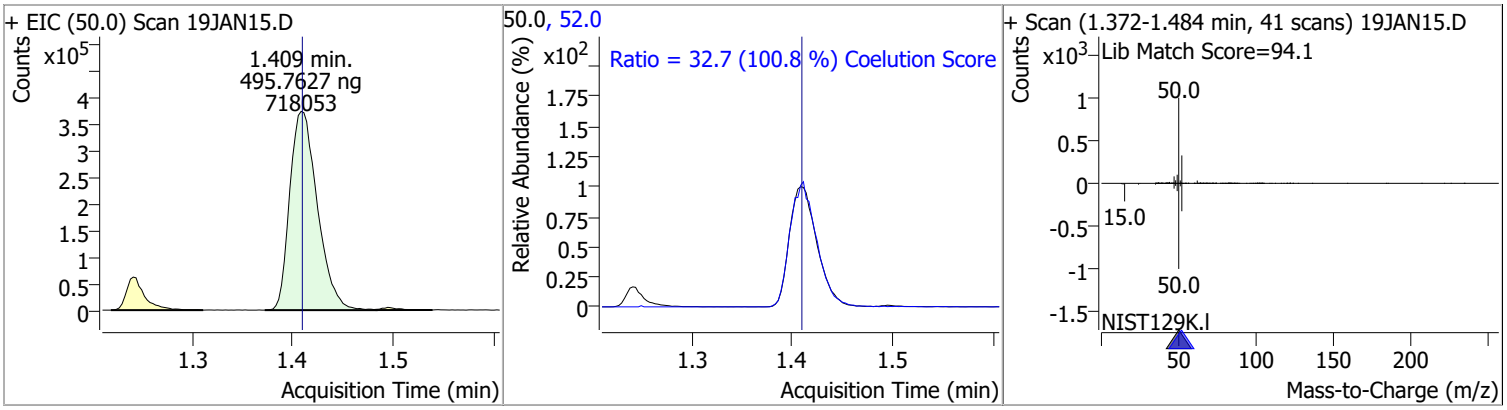
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	863441	526.9948	ng	98
T Carbon tetrachloride	6.027	117.0	851101	535.6026	ng	98
T 1,1-Dichloropropene	6.038	75.0	746500	561.8648	ng	99
T Benzene	6.280	78.0	1913180	523.4472	ng	99
T 1,2-Dichloroethane	6.325	62.0	499614	494.9057	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

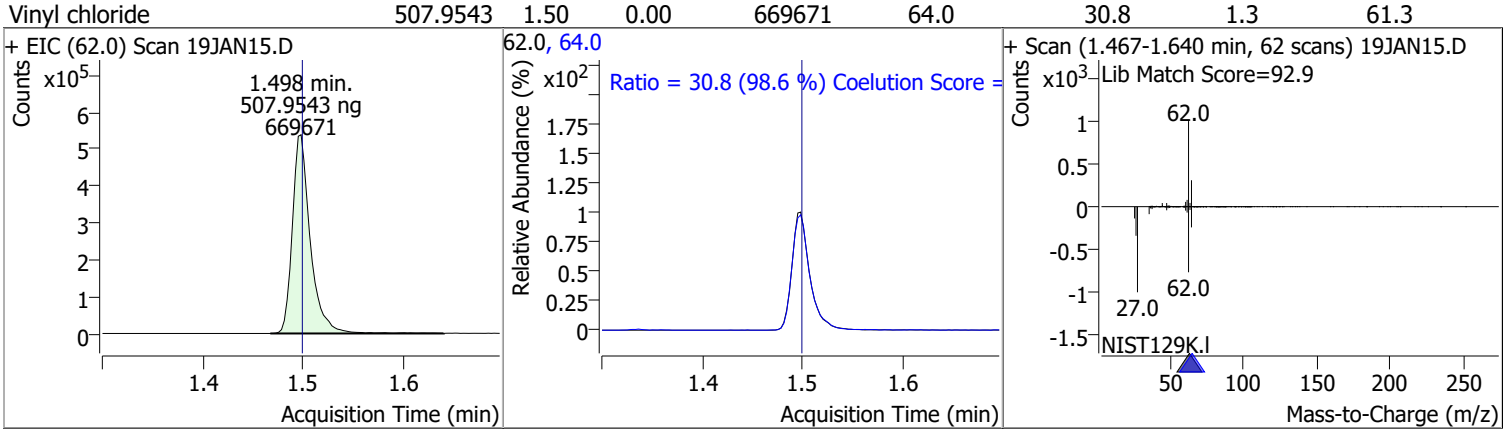
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	512.0678	1.24	0.00	629961	87.0	32.4	1.8	61.8



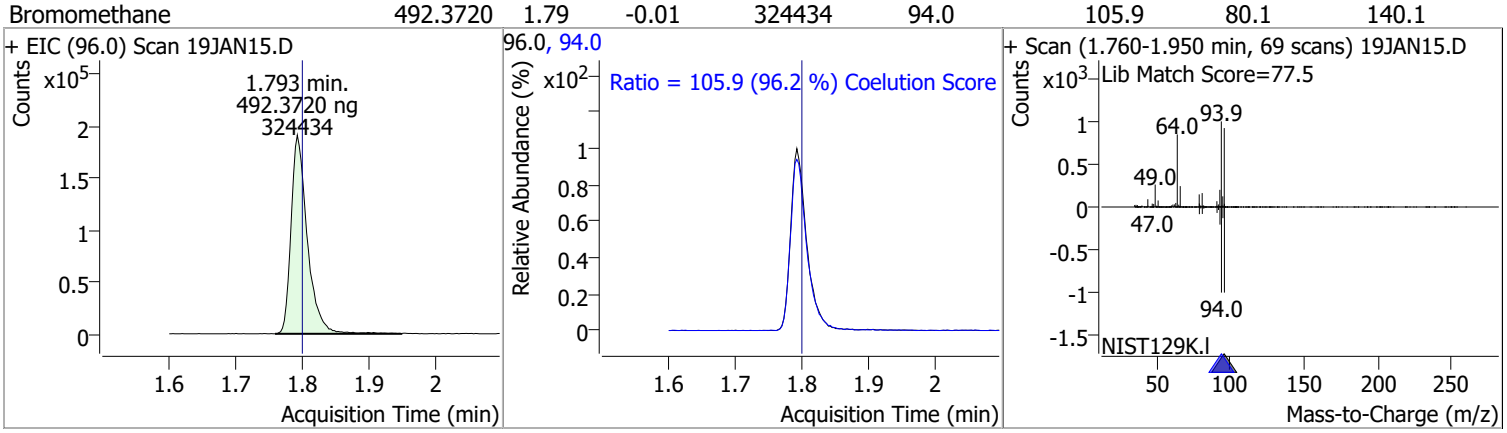
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	495.7627	1.41	0.00	718053	52.0	32.7	2.4	62.4



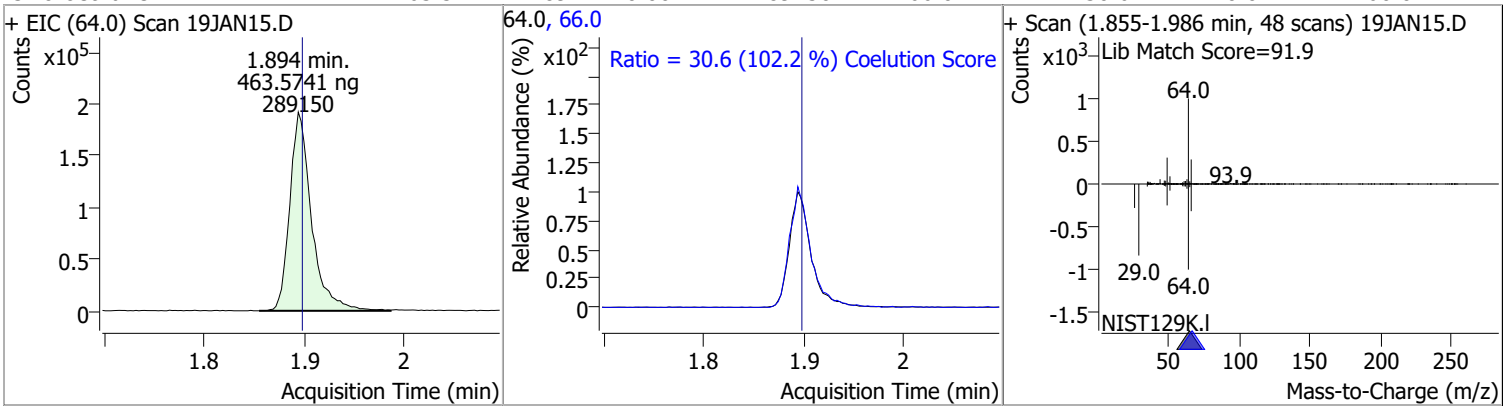
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	507.9543	1.50	0.00	669671	64.0	30.8	1.3	61.3



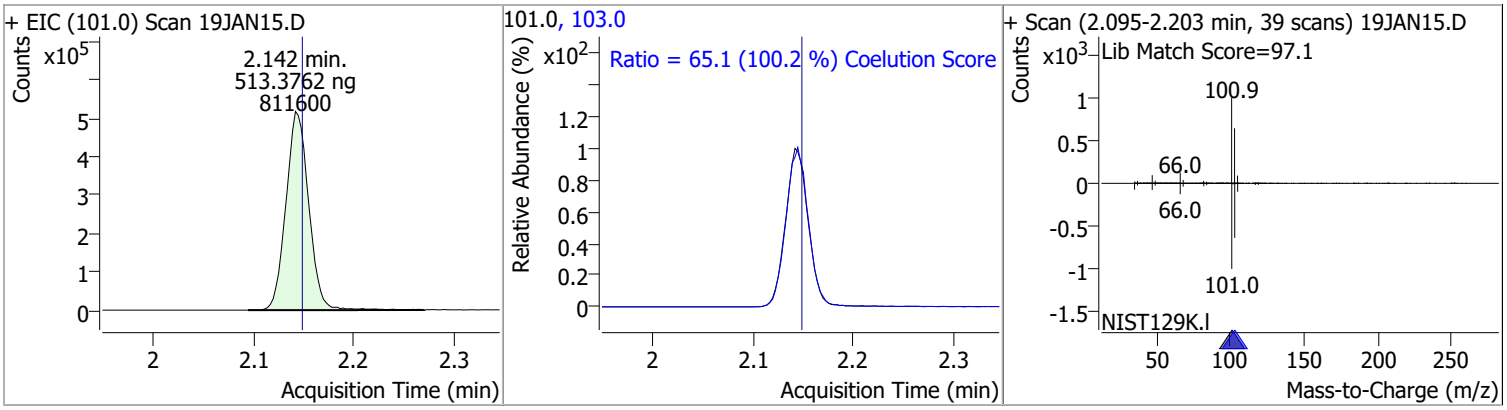
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	492.3720	1.79	-0.01	324434	94.0	105.9	80.1	140.1



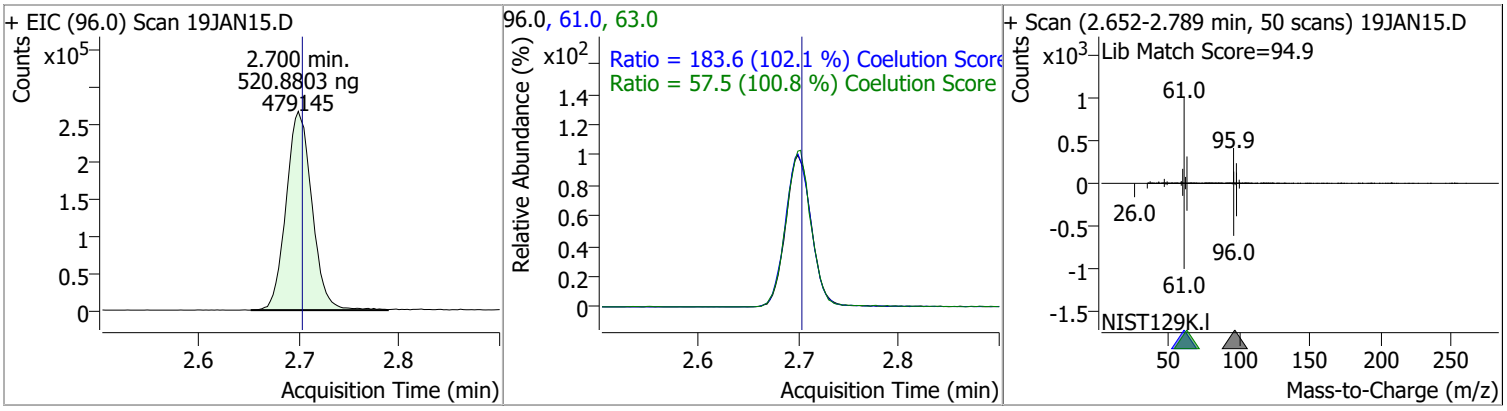
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	463.5741	1.89	0.00	289150	66.0	30.6	0.0	60.0



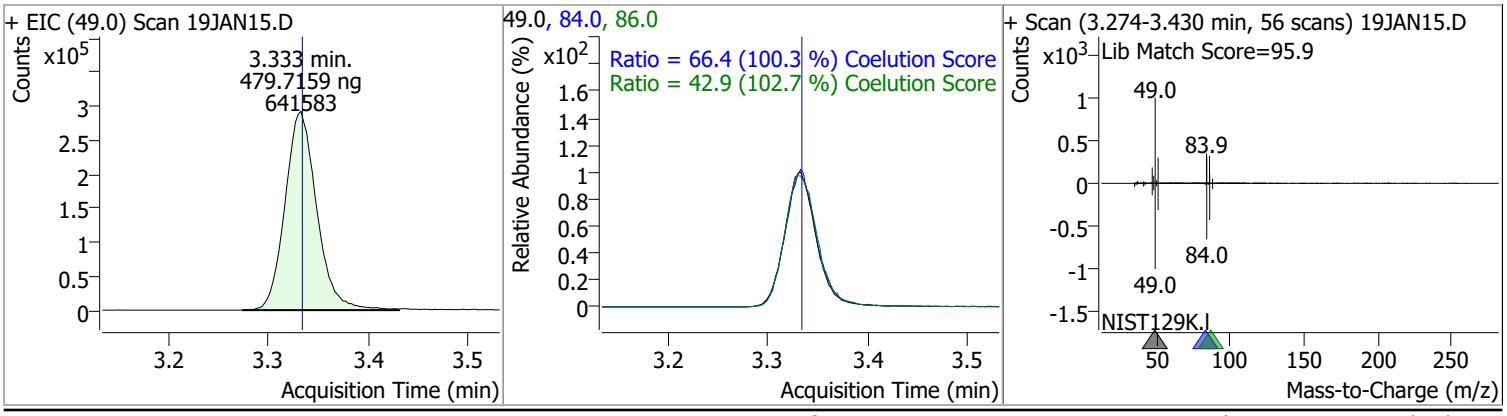
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	513.3762	2.14	-0.01	811600	103.0	65.1	35.0	95.0



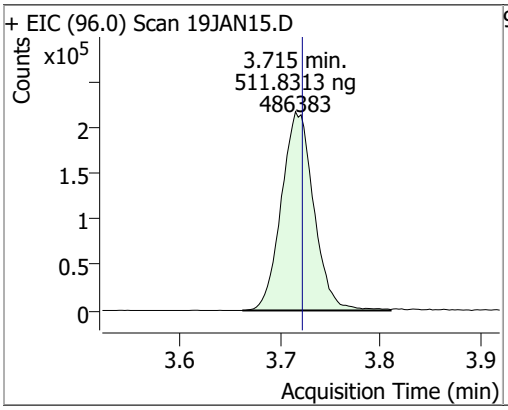
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	520.8803	2.70	0.00	479145	61.0	183.6	149.9	209.9
					63.0	57.5	27.0	87.0

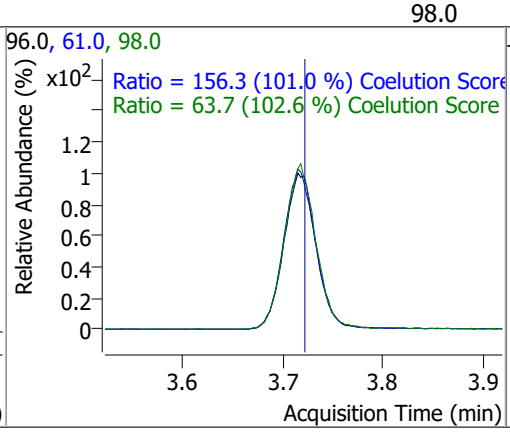


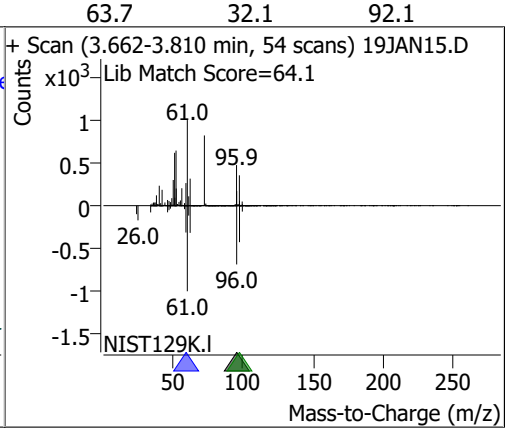
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	479.7159	3.33	0.00	641583	84.0	66.4	36.1	96.1
					86.0	42.9	11.8	71.8



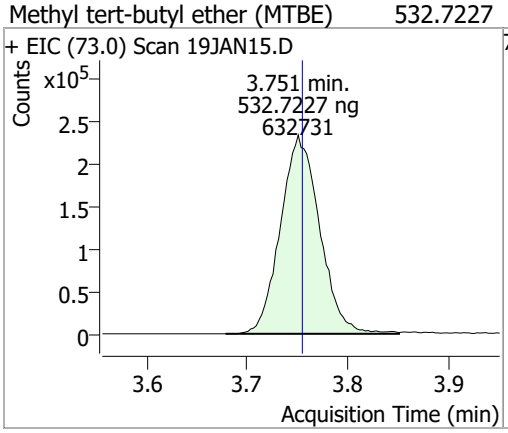
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	511.8313	3.71	-0.01	486383	61.0	156.3	124.8	184.8
					98.0	63.7	32.1	92.1

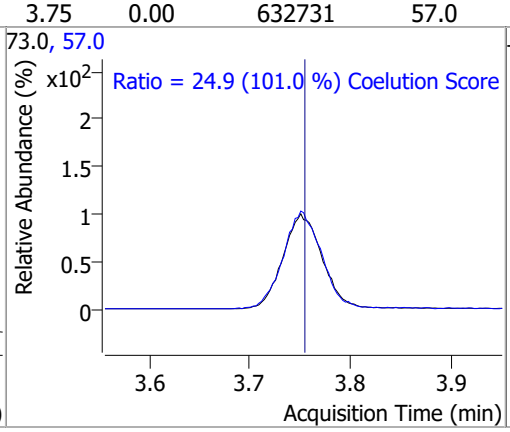


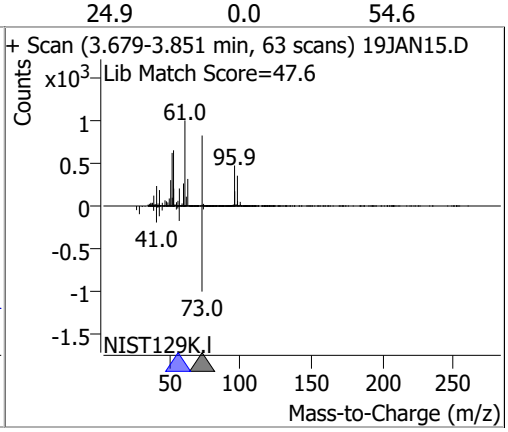




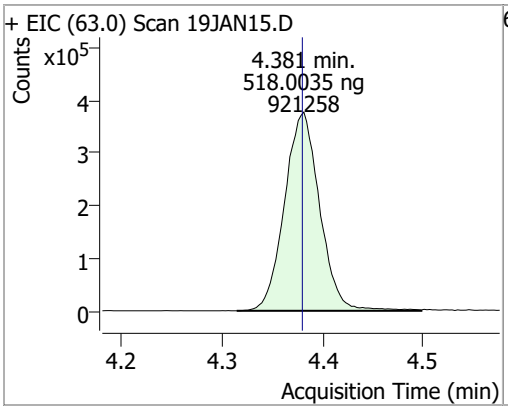
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	532.7227	3.75	0.00	632731	57.0	24.9	0.0	54.6

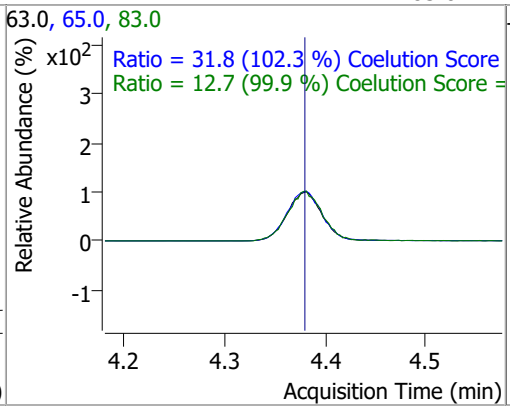


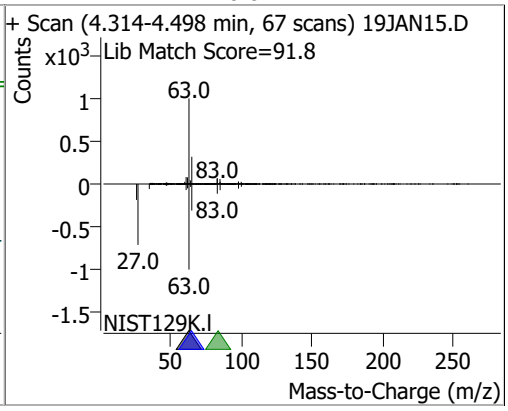




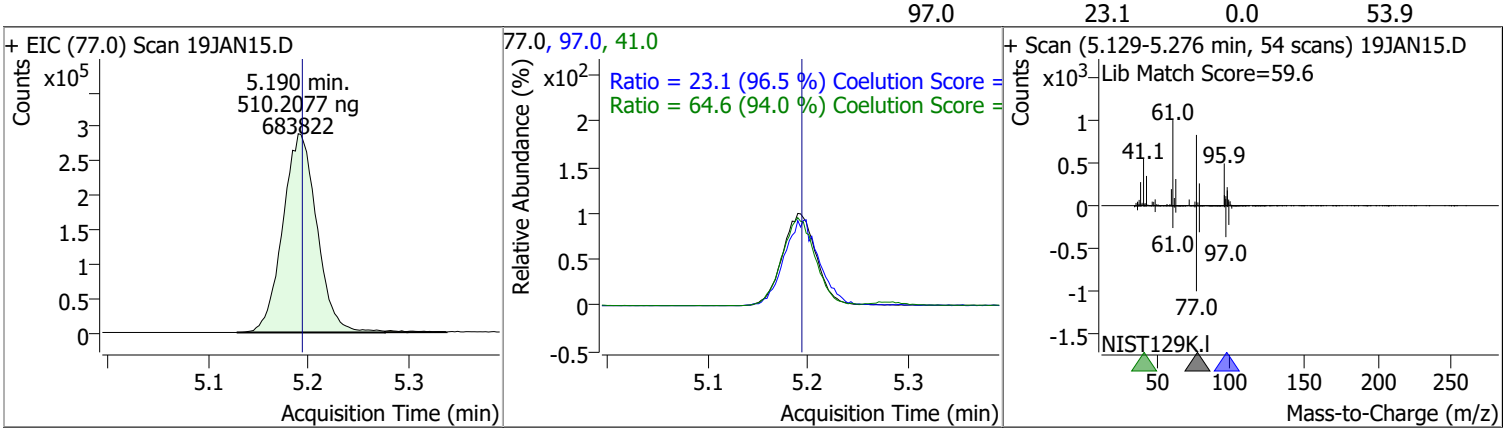
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	518.0035	4.38	0.00	921258	65.0	31.8	1.0	61.0
					83.0	12.7	0.0	42.7



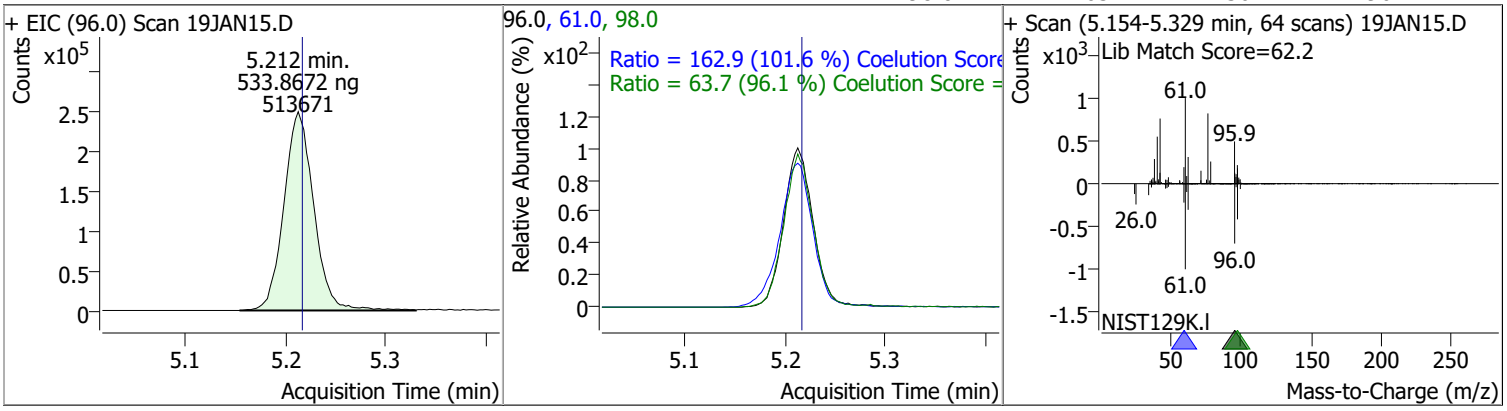




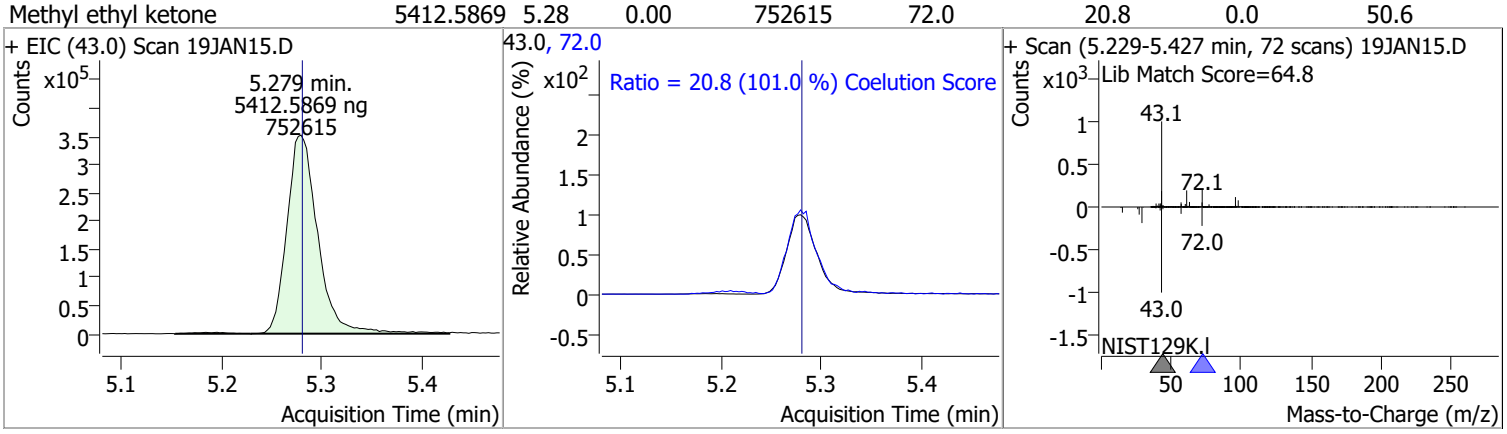
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	510.2077	5.19	0.00	683822	41.0	64.6	38.8	98.8
					97.0	23.1	0.0	53.9



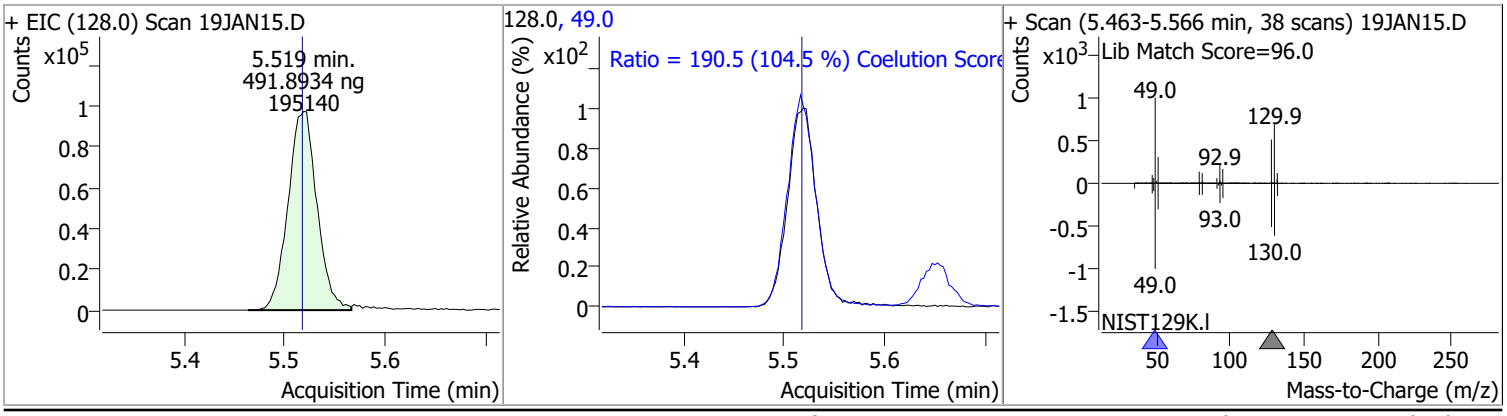
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	533.8672	5.21	0.00	513671	61.0	162.9	130.4	190.4
					98.0	63.7	36.2	96.2



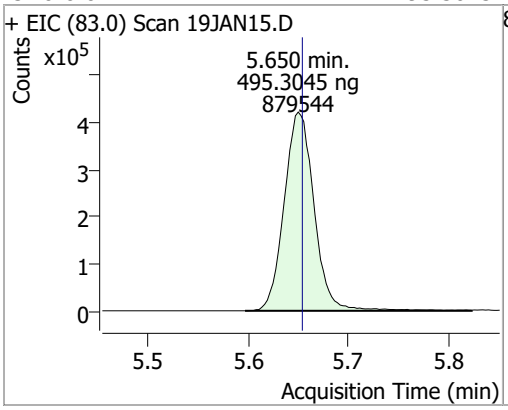
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	5412.5869	5.28	0.00	752615	72.0	20.8	0.0	50.6

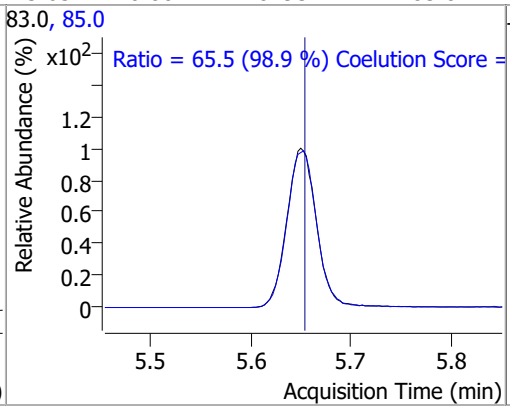


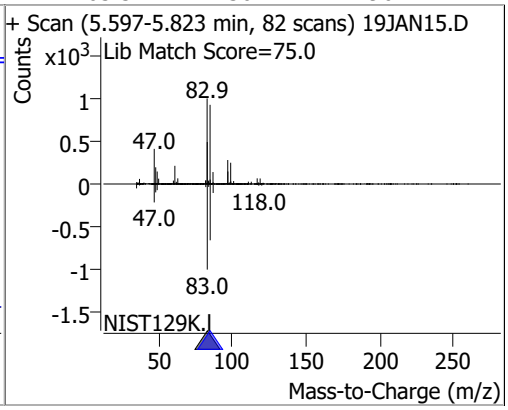
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	491.8934	5.52	0.00	195140	49.0	190.5	152.2	212.2



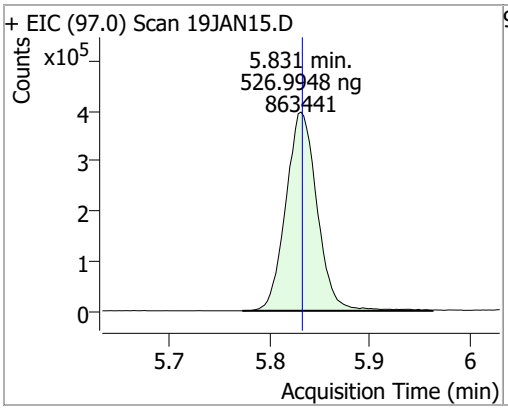
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	495.3045	5.65	0.00	879544	85.0	65.5	36.2	96.2

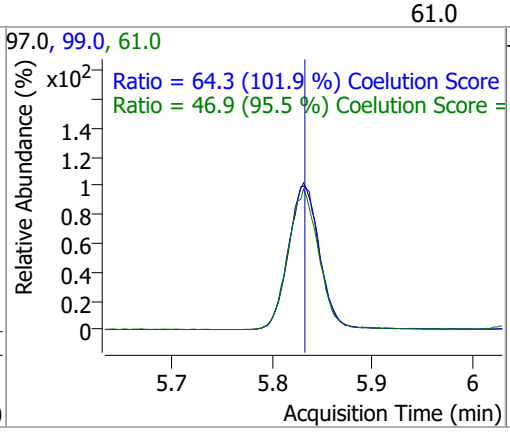


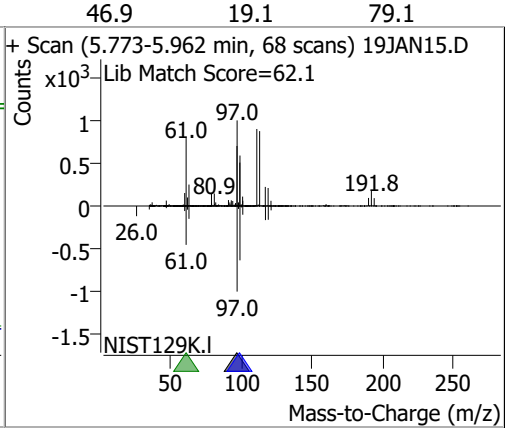




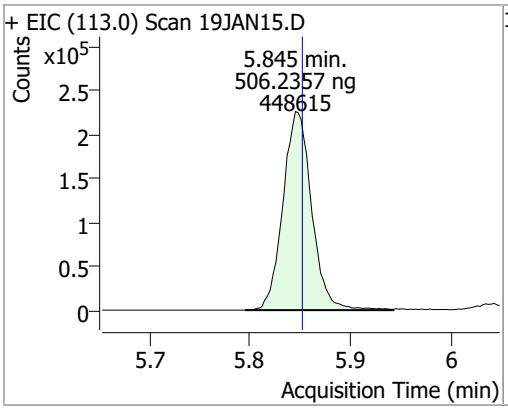
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	526.9948	5.83	0.00	863441	99.0	64.3	33.1	93.1
					61.0	46.9	19.1	79.1

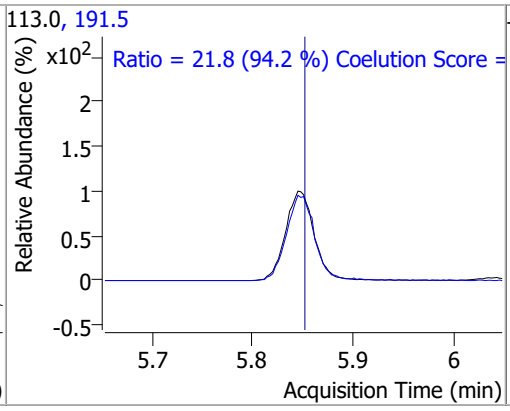


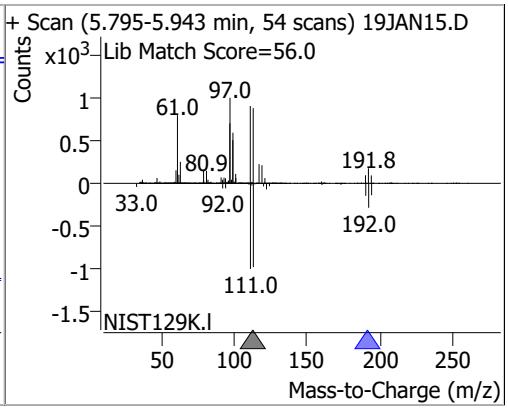




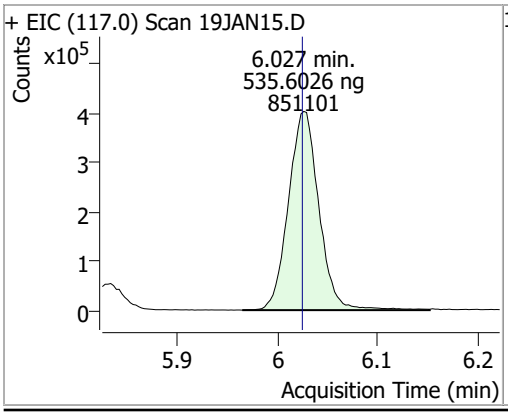
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	506.2357	5.85	-0.01	448615	191.5	21.8	0.0	53.2

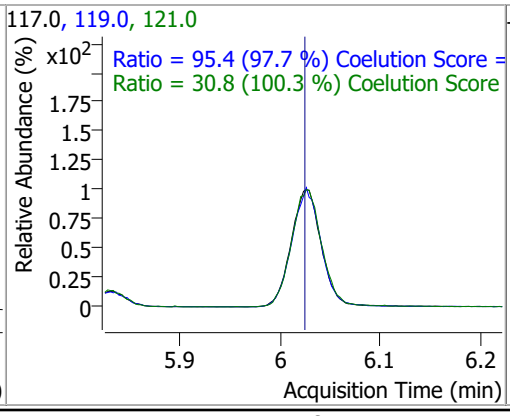


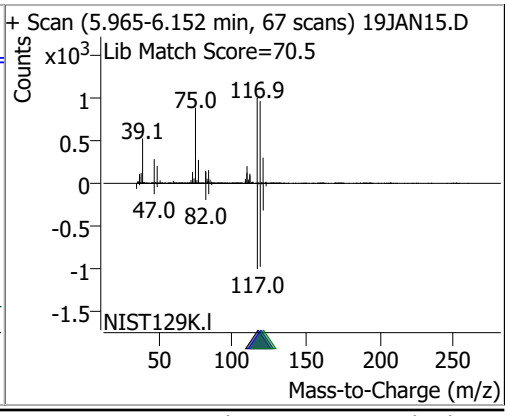




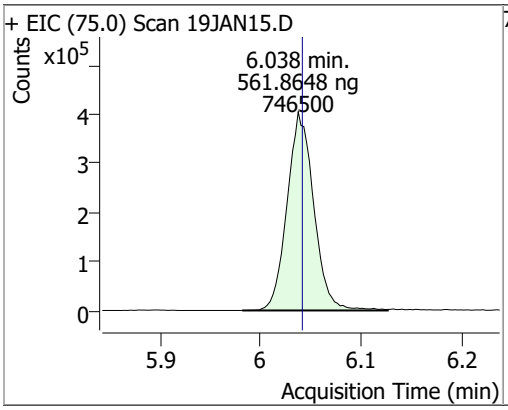
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	535.6026	6.03	0.00	851101	119.0	95.4	67.6	127.6
					121.0	30.8	0.7	60.7

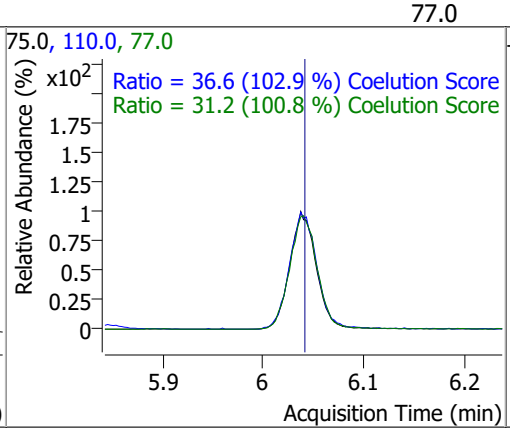


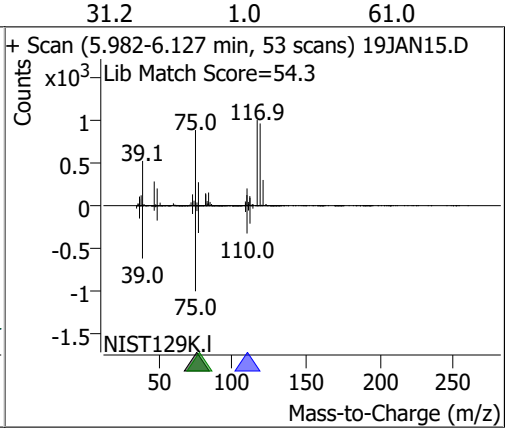




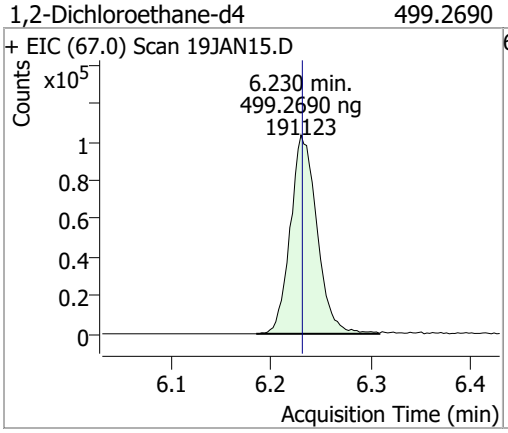
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	561.8648	6.04	0.00	746500	110.0	36.6	5.6	65.6
					77.0	31.2	1.0	61.0

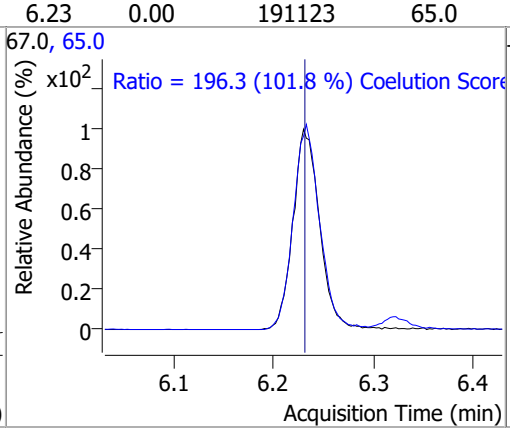


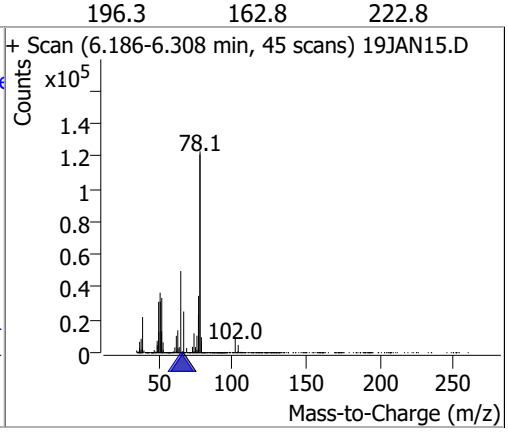




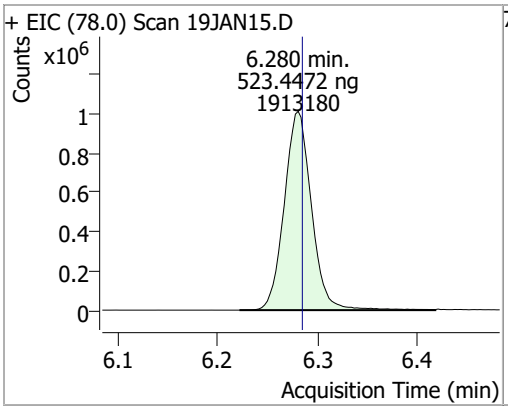
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	499.2690	6.23	0.00	191123	65.0	196.3	162.8	222.8

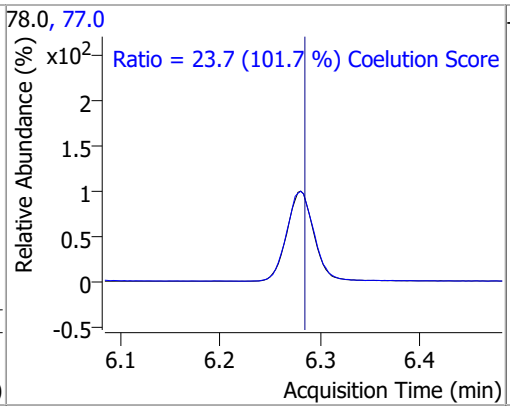


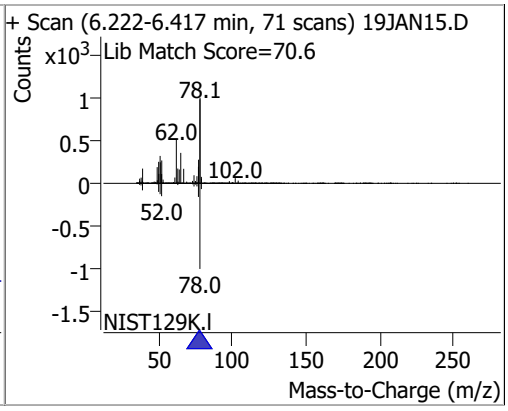




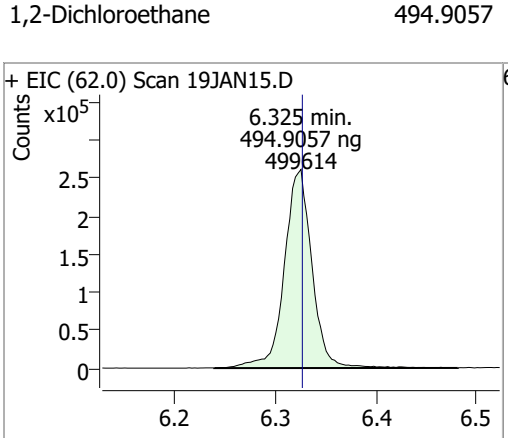
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	523.4472	6.28	0.00	1913180	77.0	23.7	0.0	53.3

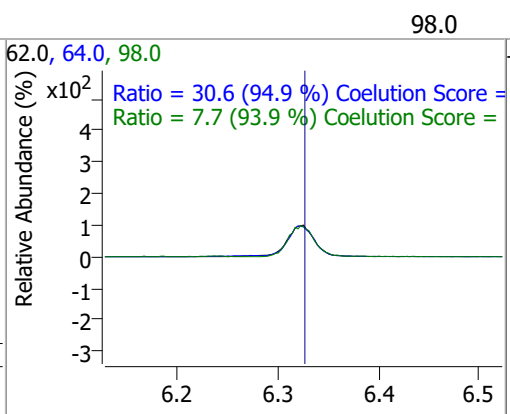


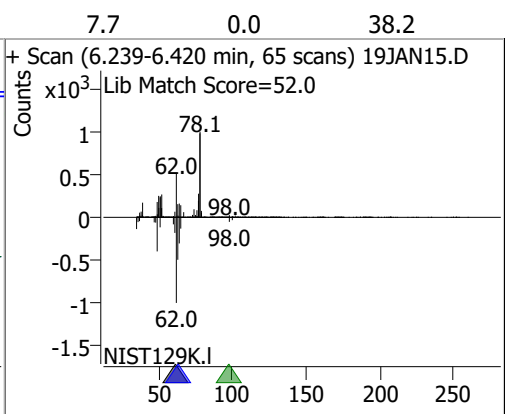




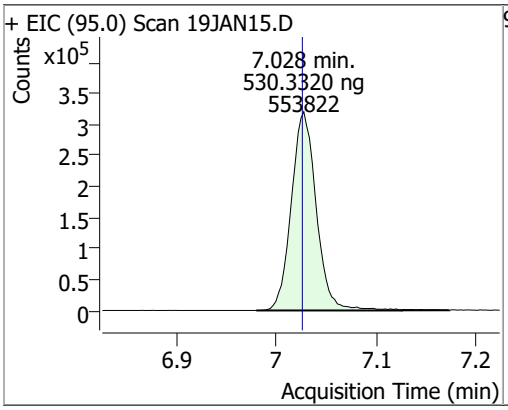
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	494.9057	6.32	0.00	499614	64.0	30.6	2.2	62.2
					98.0	7.7	0.0	38.2

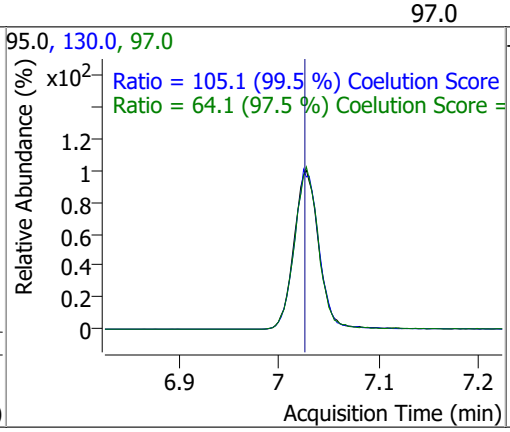


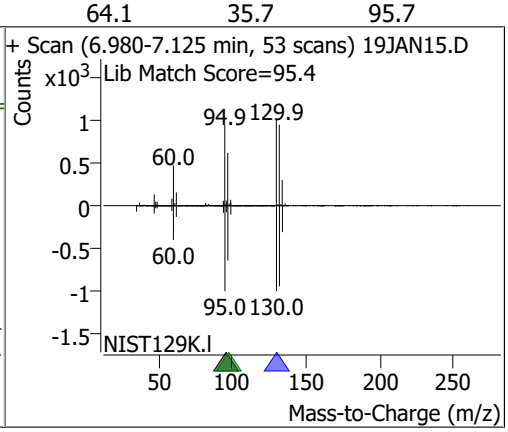




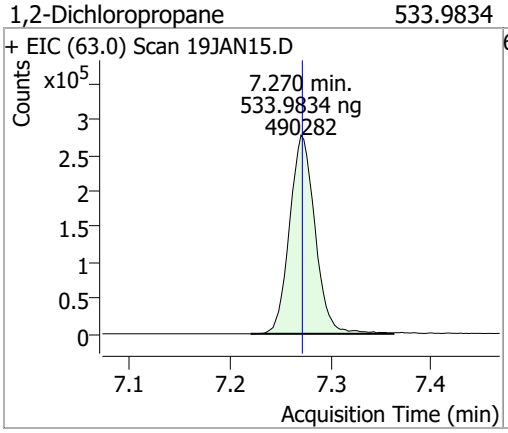
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	530.3320	7.03	0.00	553822	130.0	105.1	75.6	135.6
					97.0	64.1	35.7	95.7

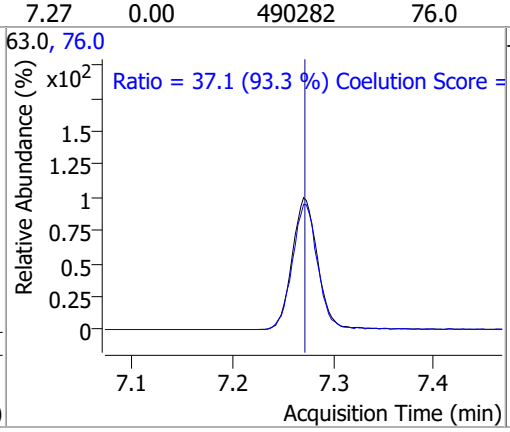


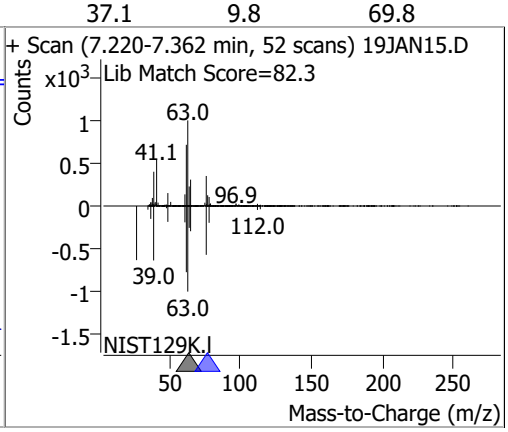




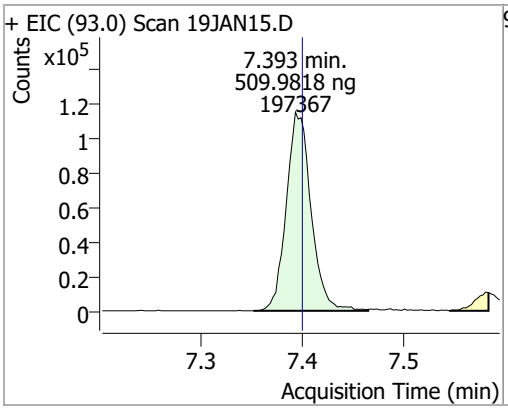
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	533.9834	7.27	0.00	490282	76.0	37.1	9.8	69.8

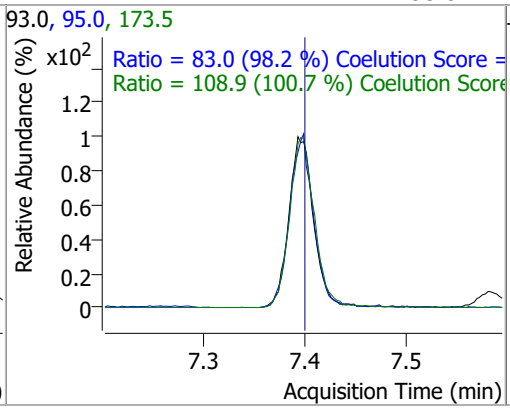


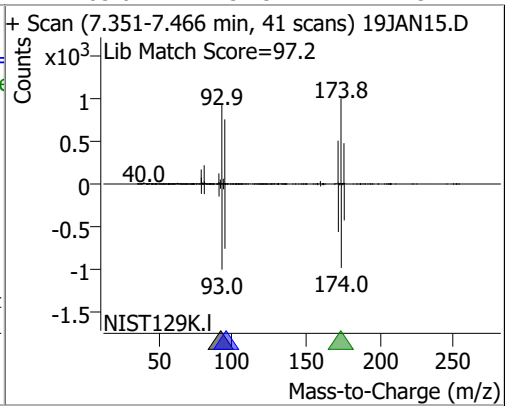




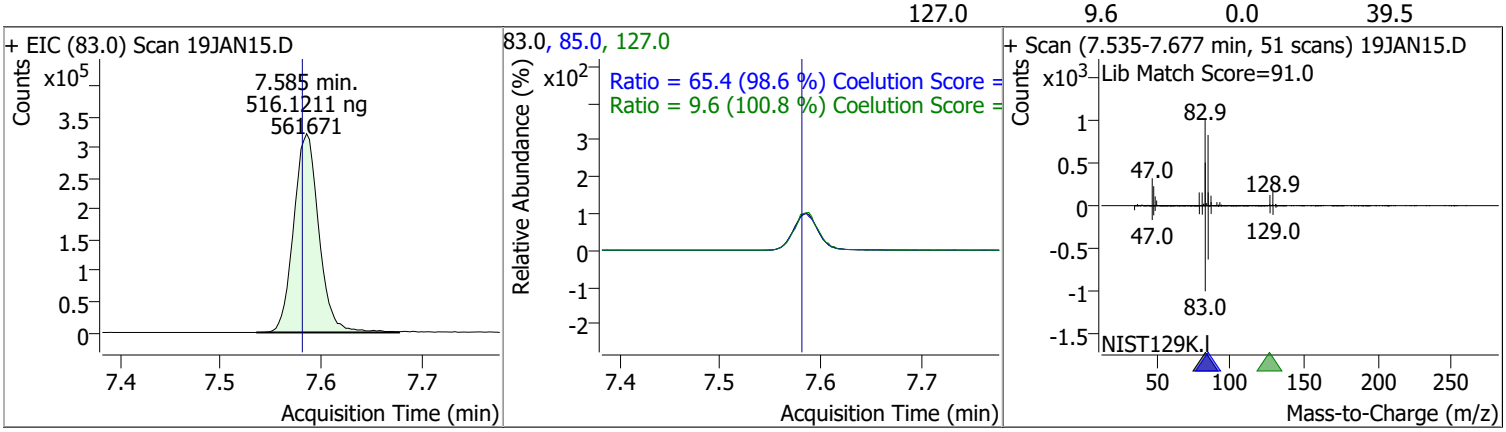
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	509.9818	7.39	-0.01	197367	173.5	108.9	78.2	138.2
					95.0	83.0	54.5	114.5



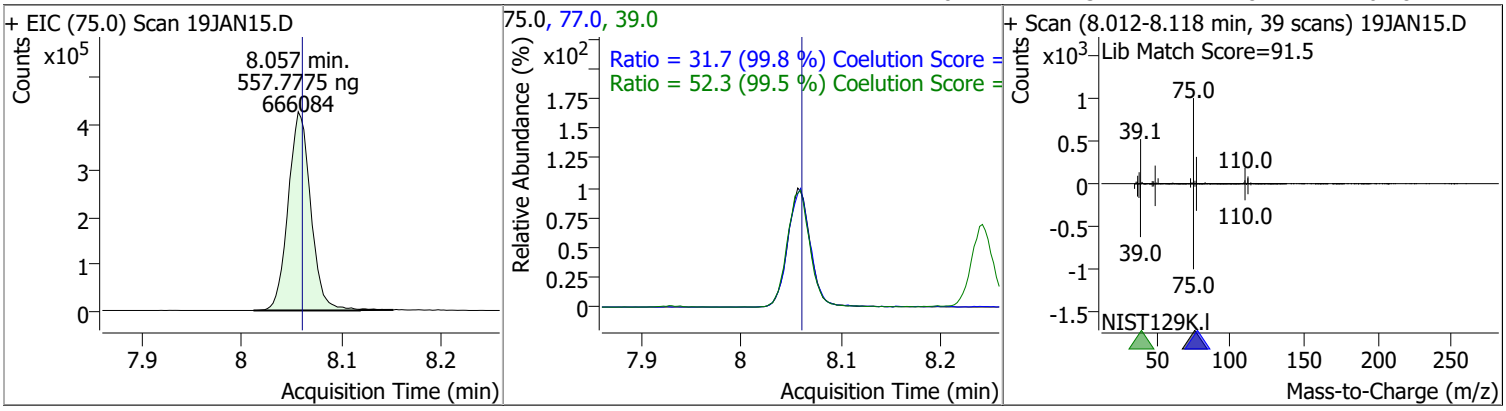




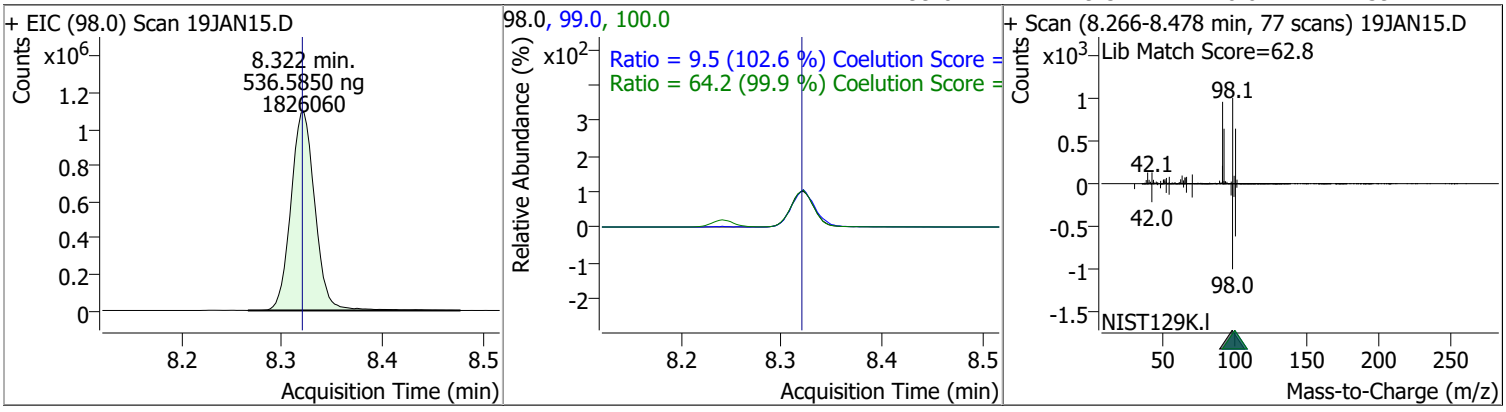
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	516.1211	7.59	0.01	561671	85.0	65.4	36.3	96.3
					127.0	9.6	0.0	39.5



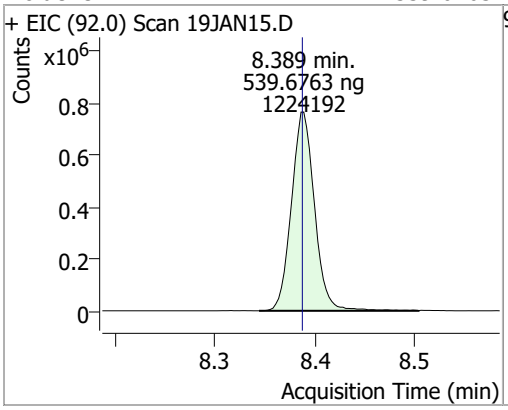
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	557.7775	8.06	0.00	666084	39.0	52.3	22.5	82.5
					77.0	31.7	1.8	61.8

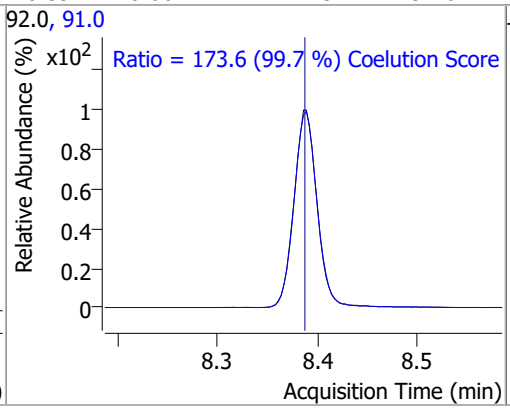


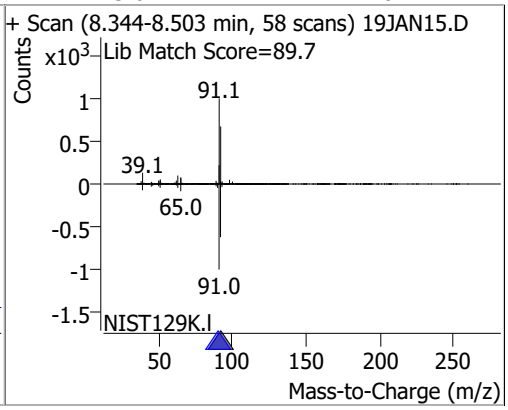
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	536.5850	8.32	0.00	1826060	100.0	64.2	34.3	94.3
					99.0	9.5	0.0	39.2



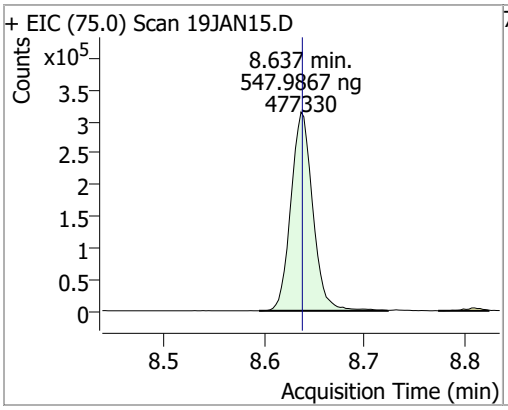
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	539.6763	8.39	0.00	1224192	91.0	173.6	144.1	204.1

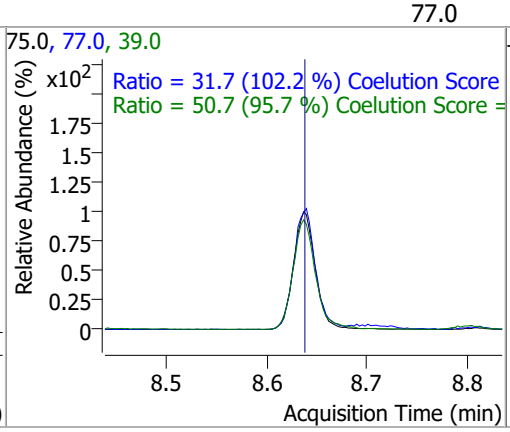


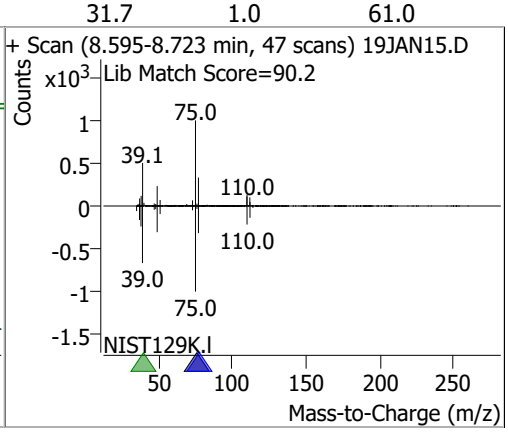




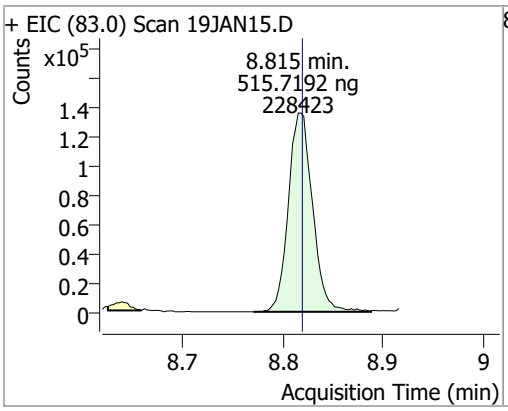
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	547.9867	8.64	0.00	477330	39.0	50.7	23.0	83.0
					77.0	31.7	1.0	61.0

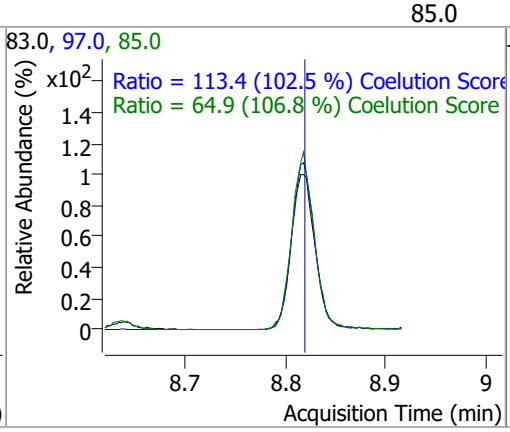


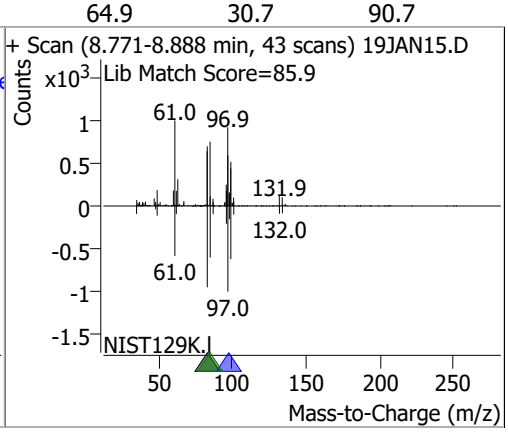




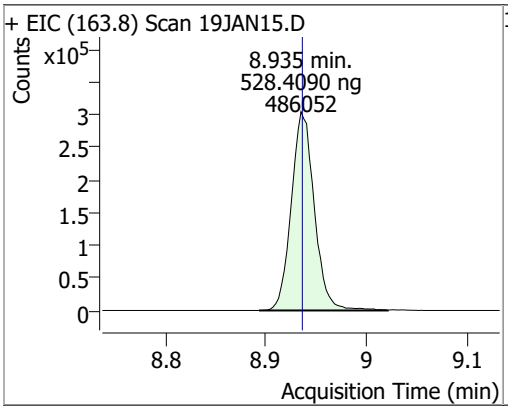
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	515.7192	8.82	0.00	228423	97.0	113.4	80.7	140.7
					85.0	64.9	30.7	90.7

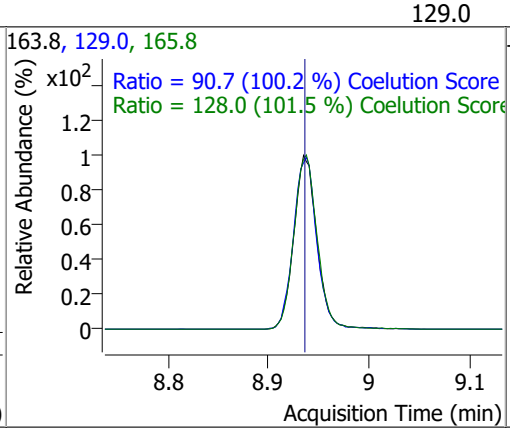


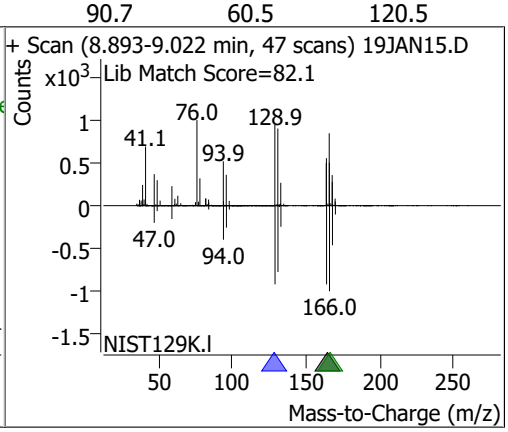




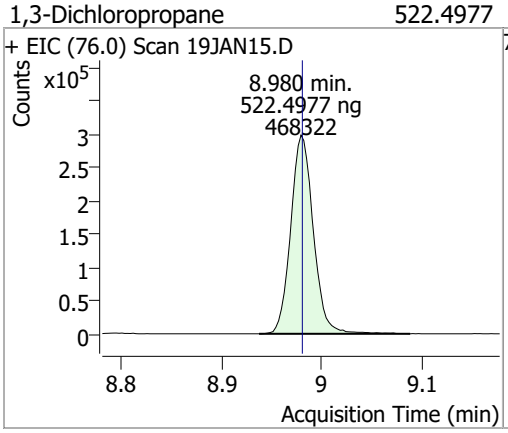
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	528.4090	8.94	0.00	486052	165.8	128.0	96.1	156.1
					129.0	90.7	60.5	120.5

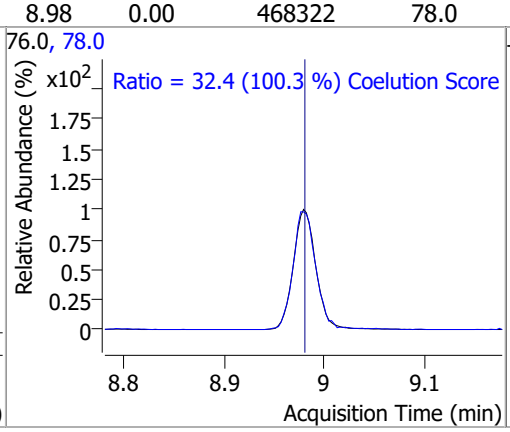


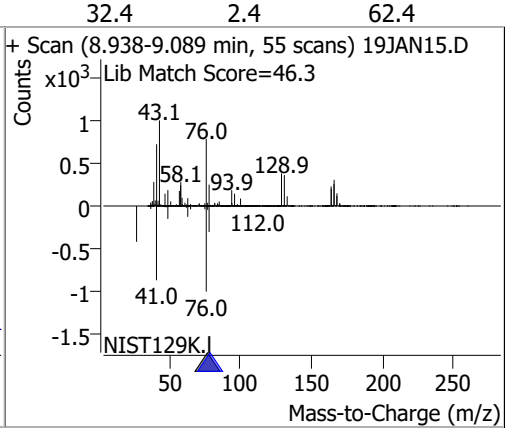




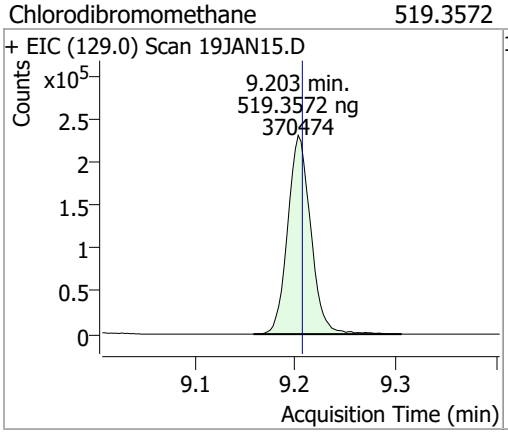
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	522.4977	8.98	0.00	468322	78.0	32.4	2.4	62.4

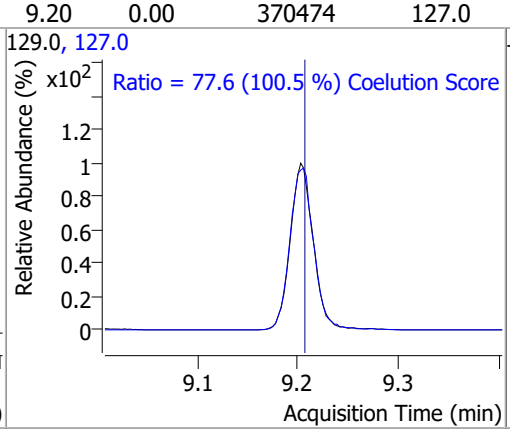


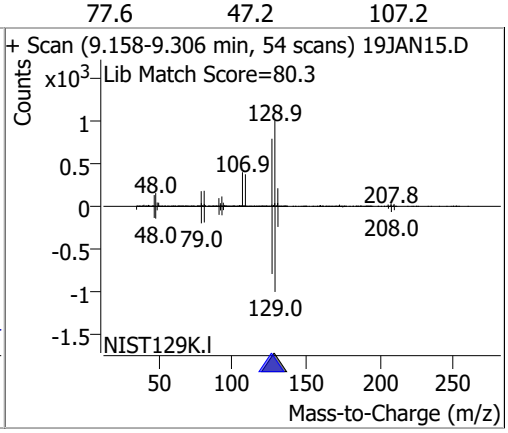




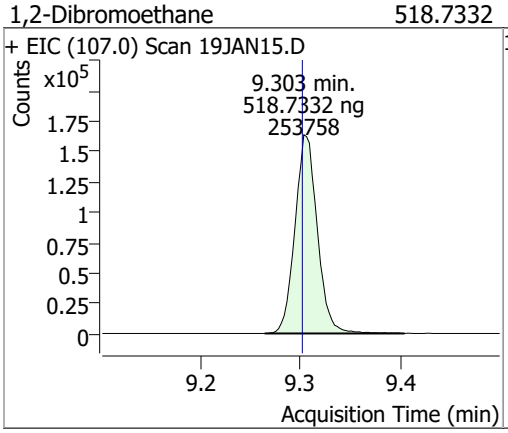
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	519.3572	9.20	0.00	370474	127.0	77.6	47.2	107.2

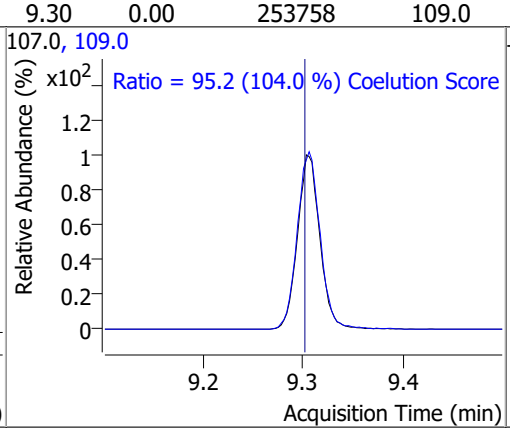


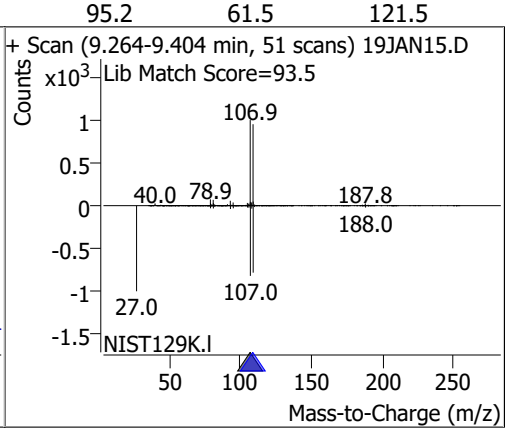




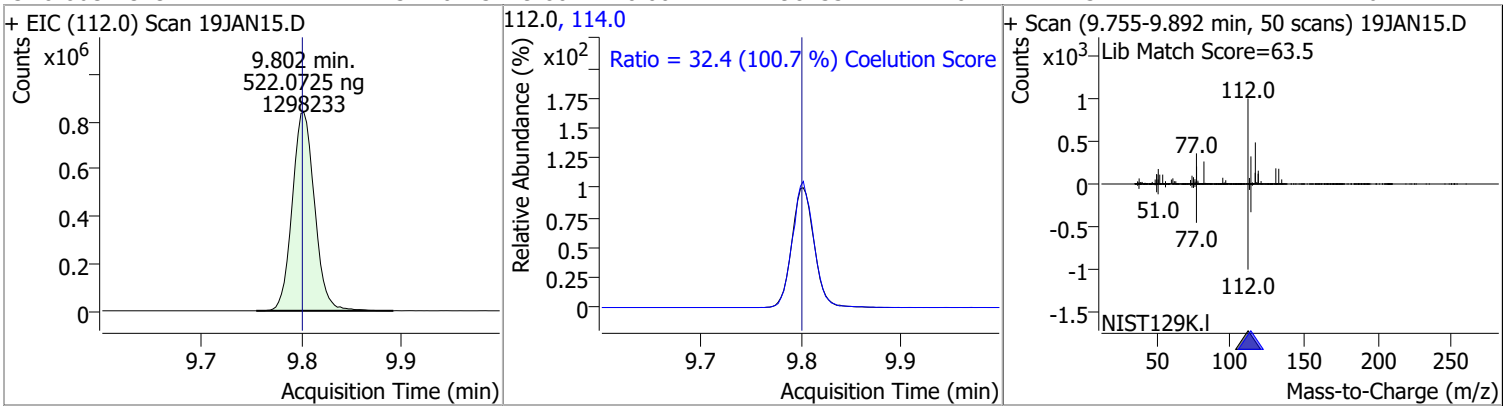
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	518.7332	9.30	0.00	253758	109.0	95.2	61.5	121.5



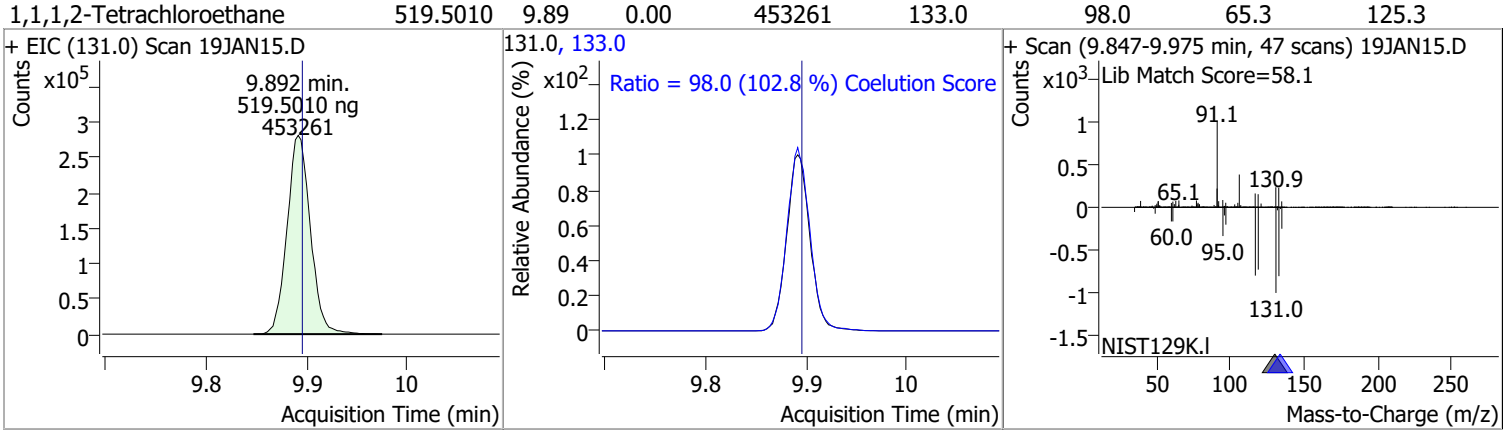




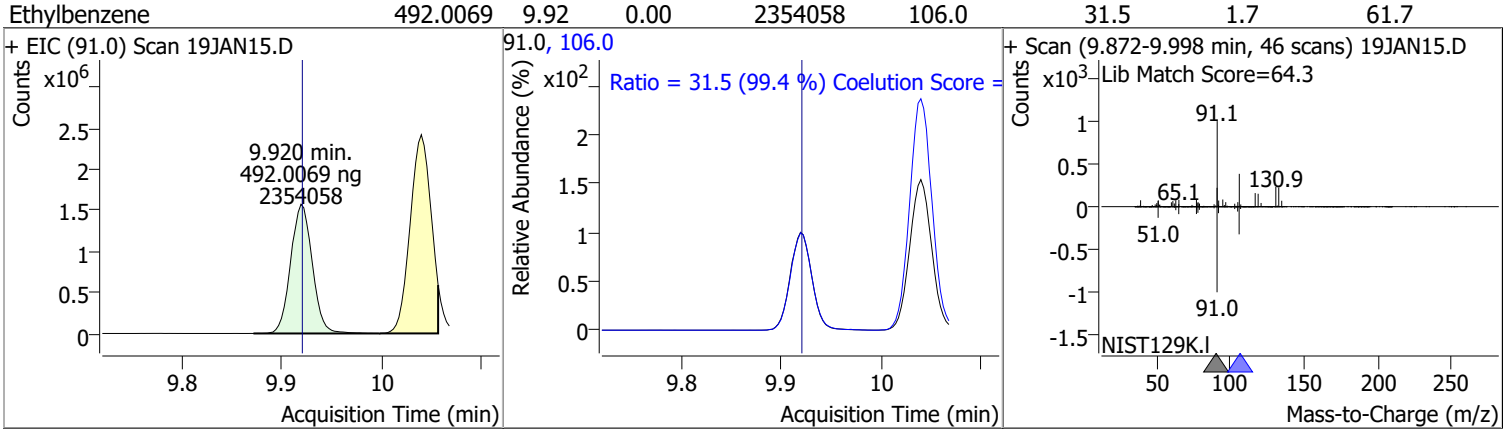
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	522.0725	9.80	0.00	1298233	114.0	32.4	2.2	62.2



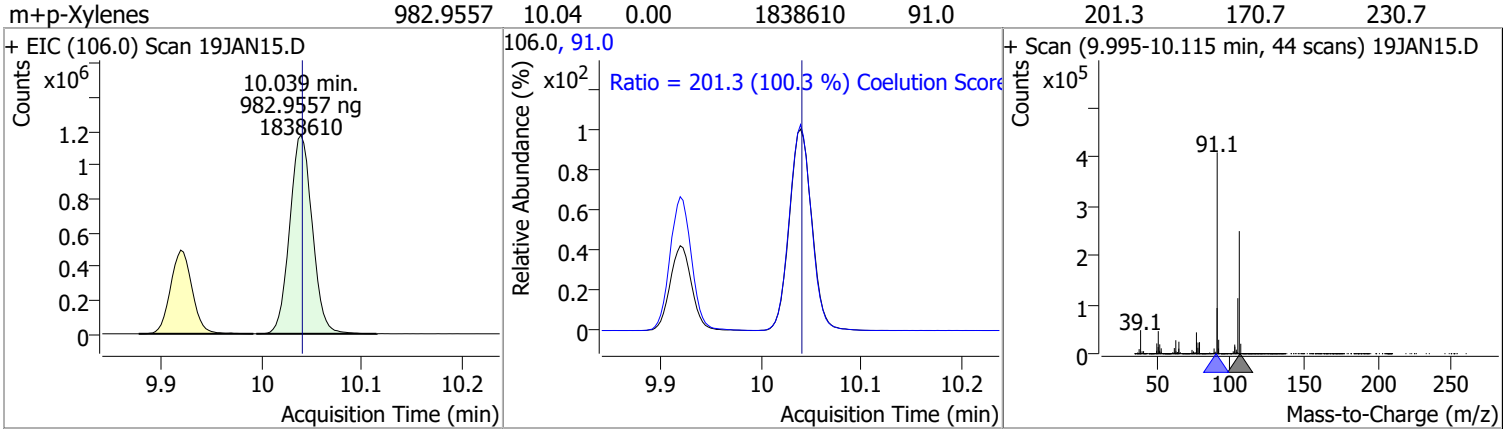
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	519.5010	9.89	0.00	453261	133.0	98.0	65.3	125.3



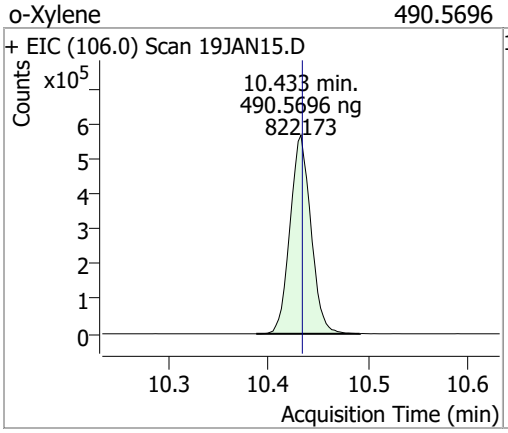
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	492.0069	9.92	0.00	2354058	106.0	31.5	1.7	61.7

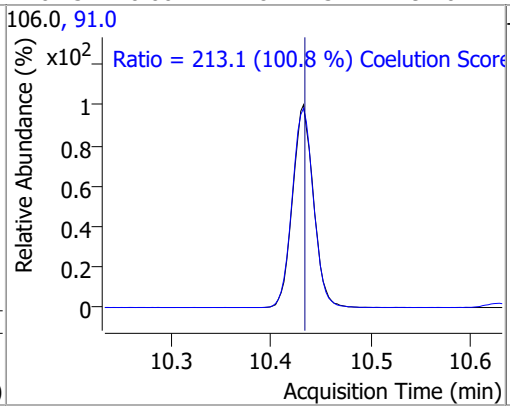


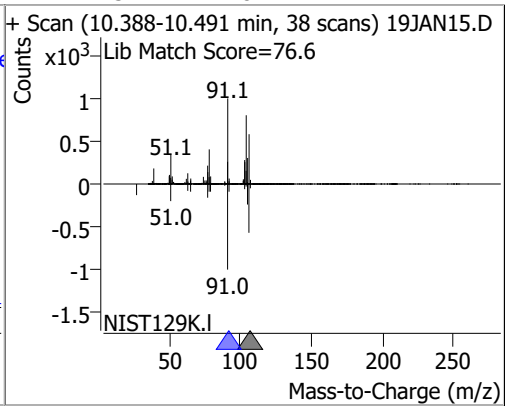
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	982.9557	10.04	0.00	1838610	91.0	201.3	170.7	230.7



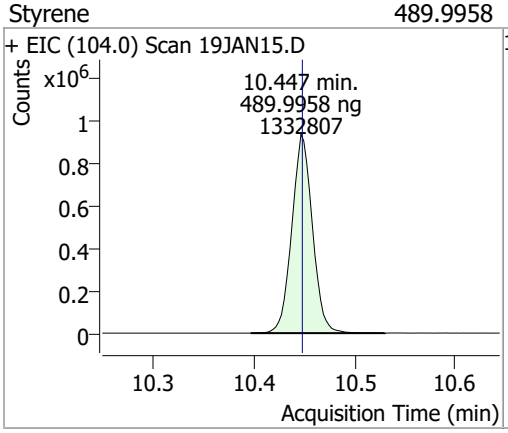
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	490.5696	10.43	0.00	822173	91.0	213.1	181.4	241.4

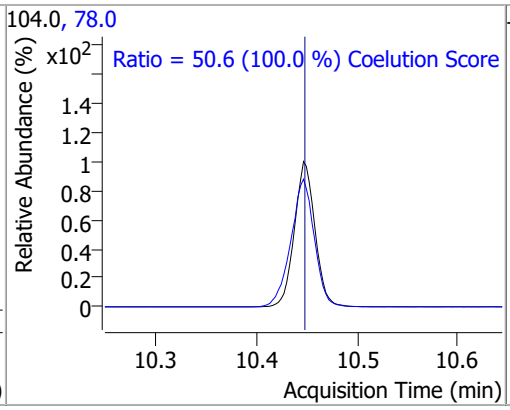


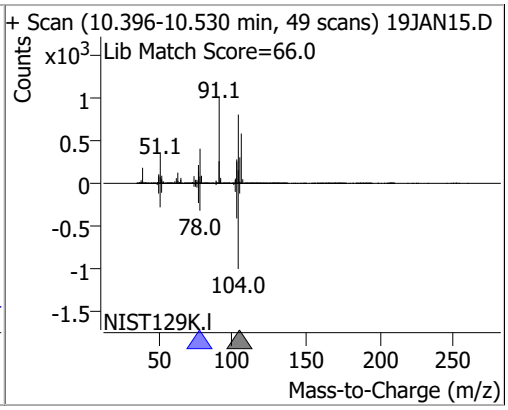




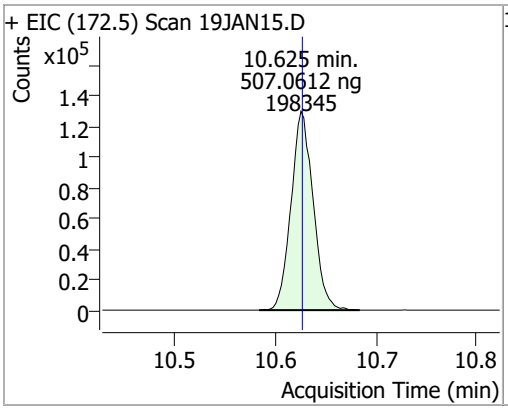
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	489.9958	10.45	0.00	1332807	78.0	50.6	20.6	80.6

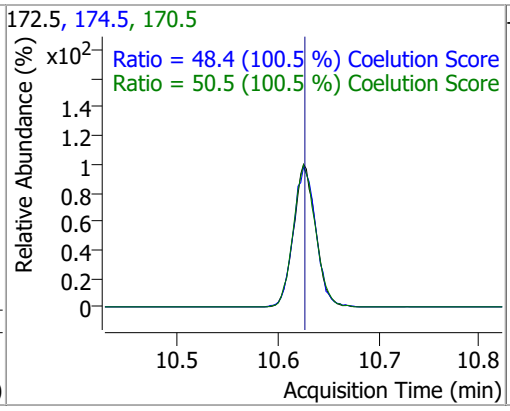


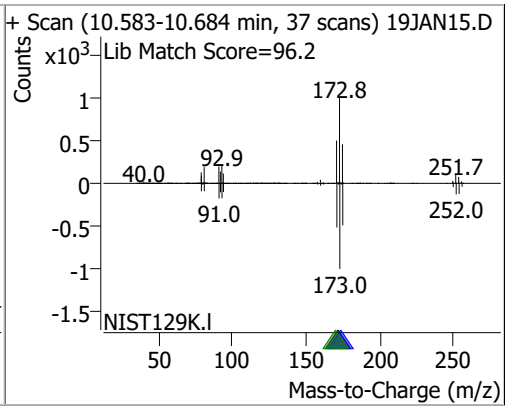




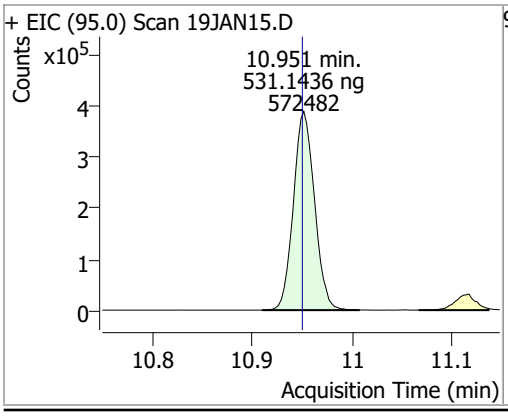
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	507.0612	10.63	0.00	198345	170.5	50.5	20.3	80.3
					174.5	48.4	18.1	78.1

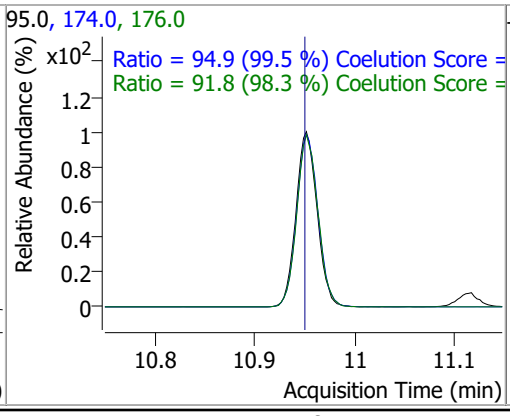


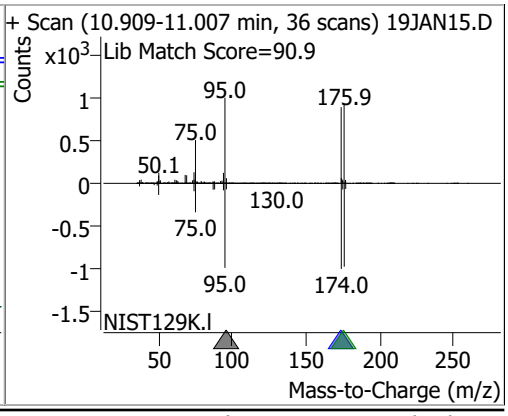




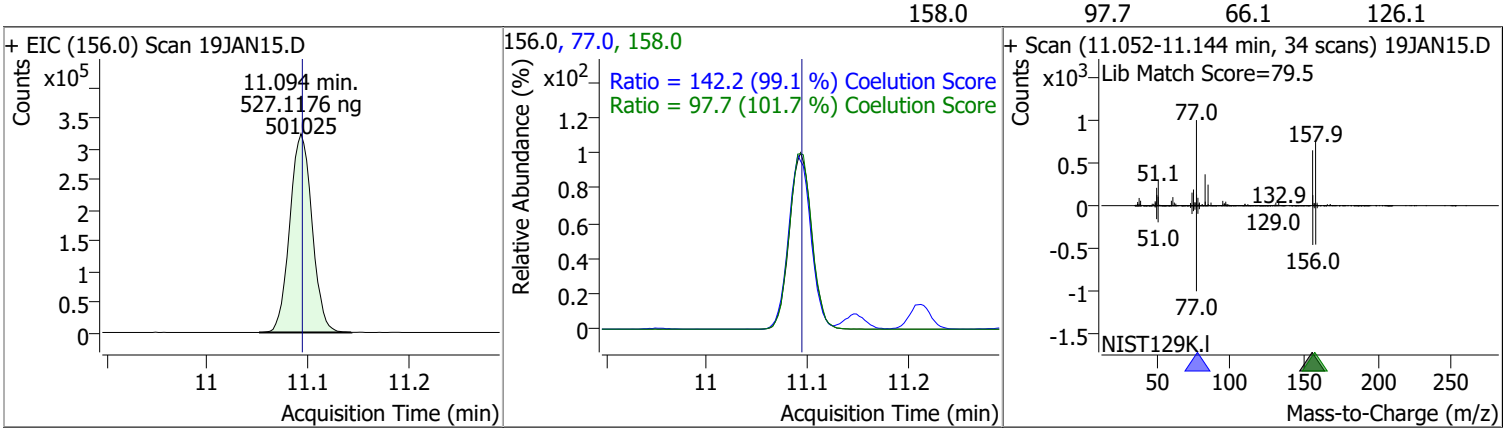
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	531.1436	10.95	0.00	572482	174.0	94.9	65.3	125.3
					176.0	91.8	63.3	123.3



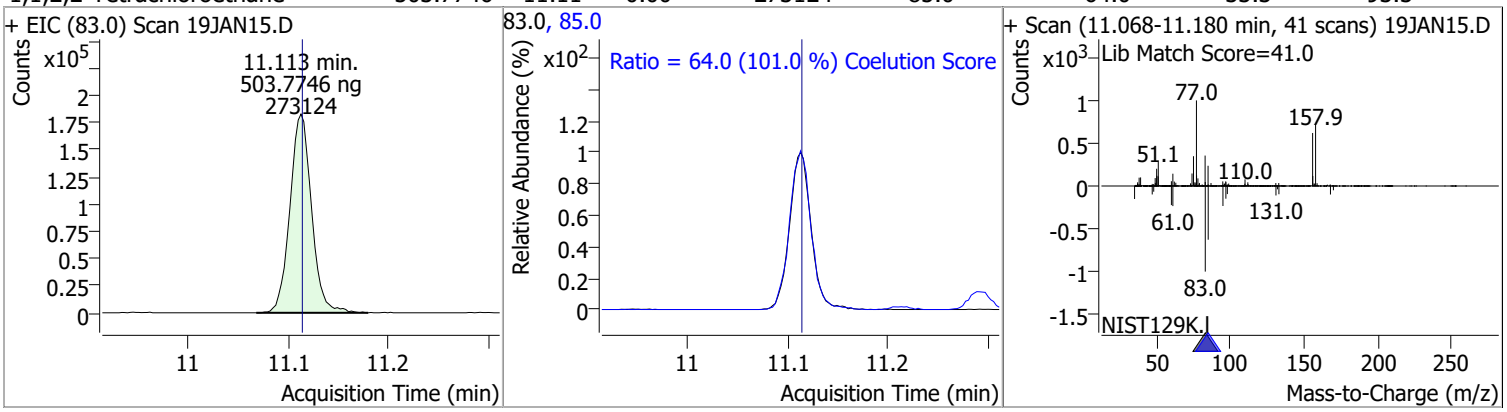




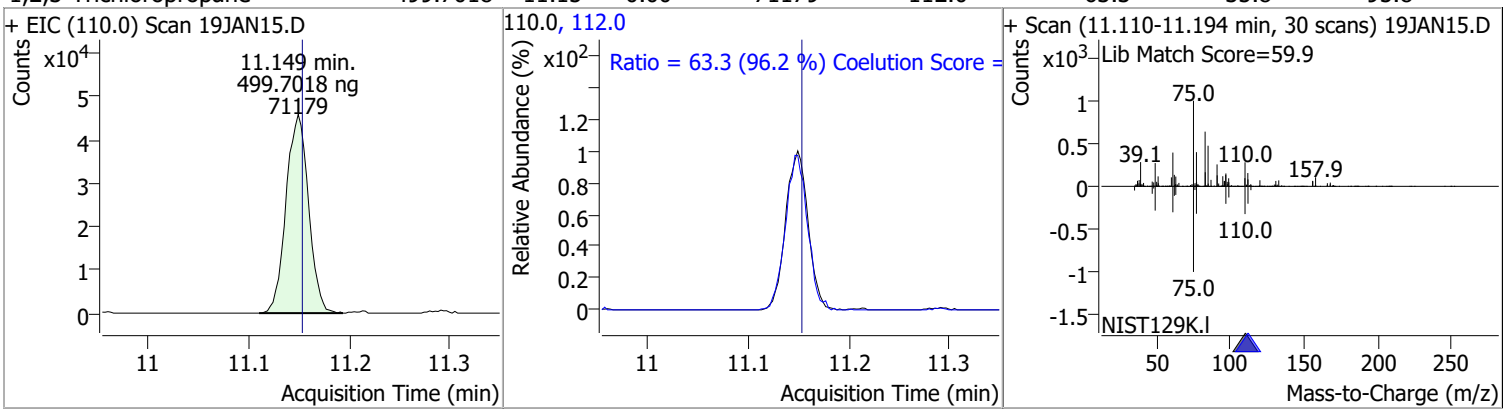
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	527.1176	11.09	0.00	501025	77.0	142.2	113.5	173.5
					158.0	97.7	66.1	126.1



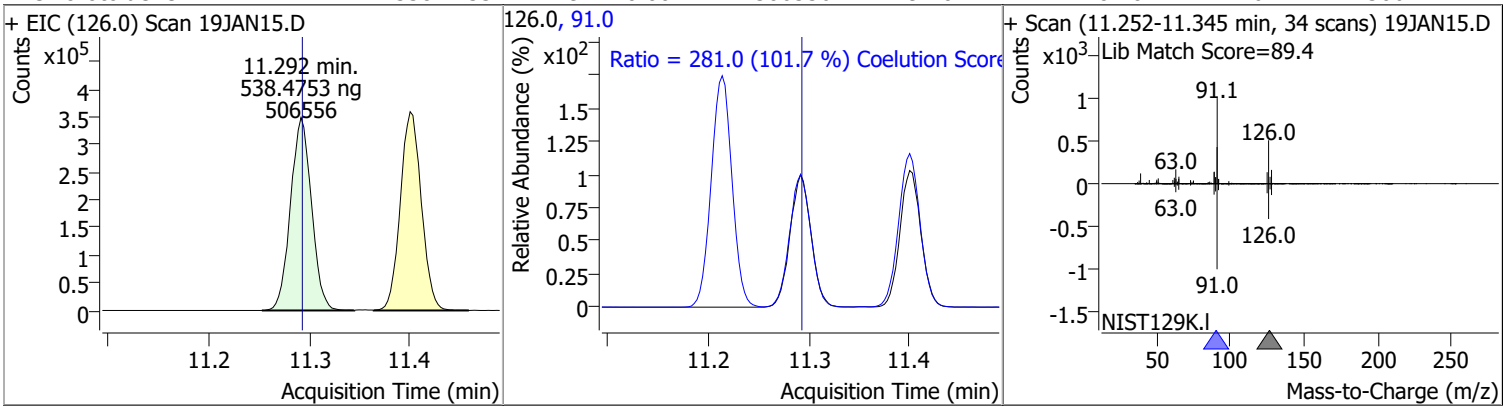
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	503.7746	11.11	0.00	273124	85.0	64.0	33.3	93.3



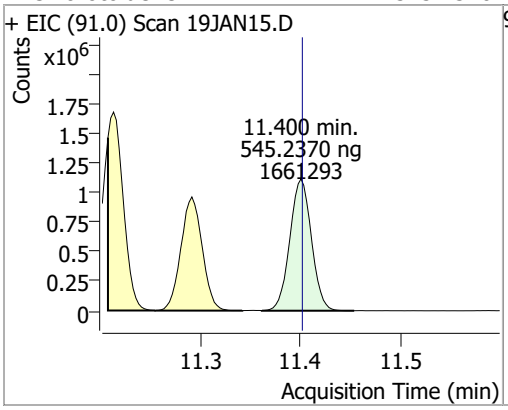
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	499.7018	11.15	0.00	71179	112.0	63.3	35.8	95.8

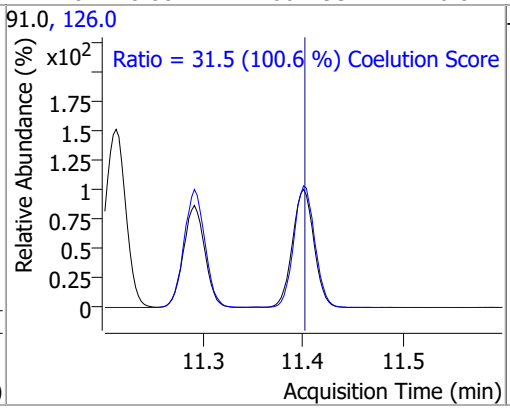


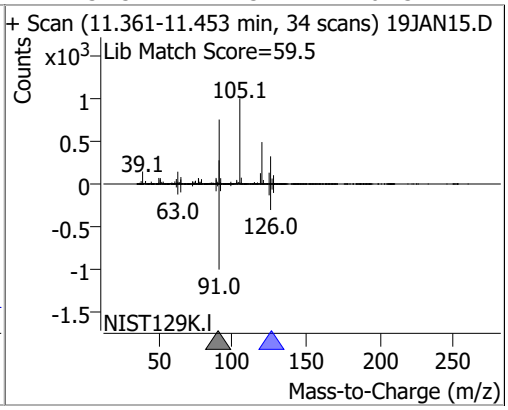
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	538.4753	11.29	0.00	506556	91.0	281.0	246.2	306.2



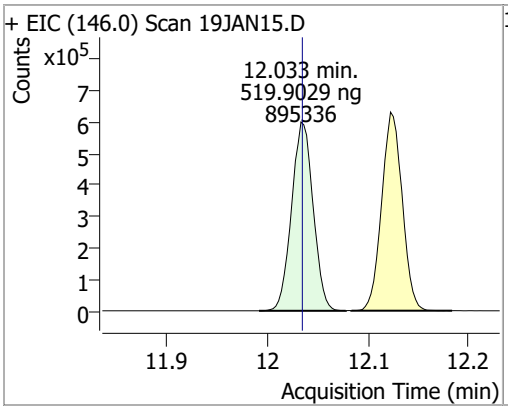
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	545.2370	11.40	0.00	1661293	126.0	31.5	1.3	61.3

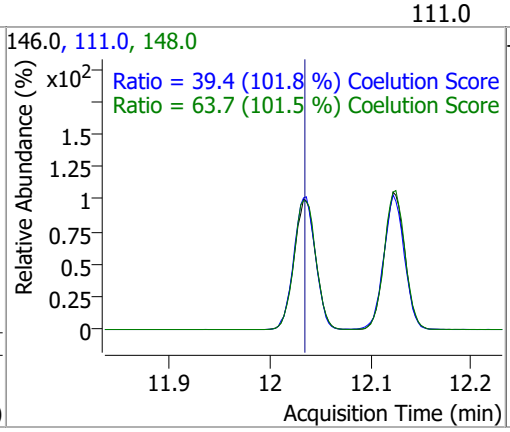


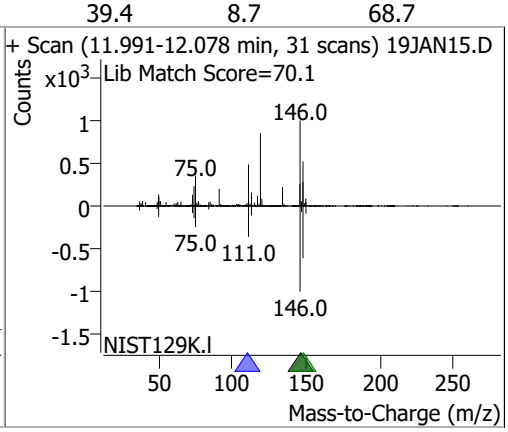




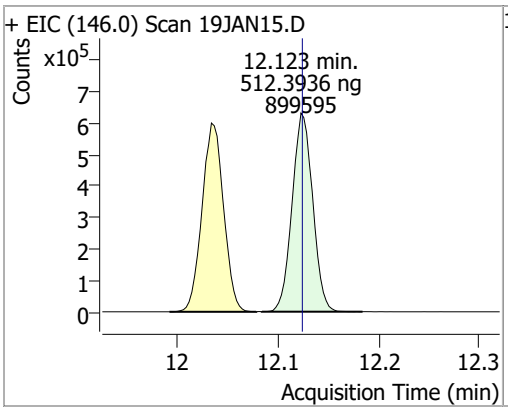
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	519.9029	12.03	0.00	895336	148.0	63.7	32.8	92.8
					111.0	39.4	8.7	68.7

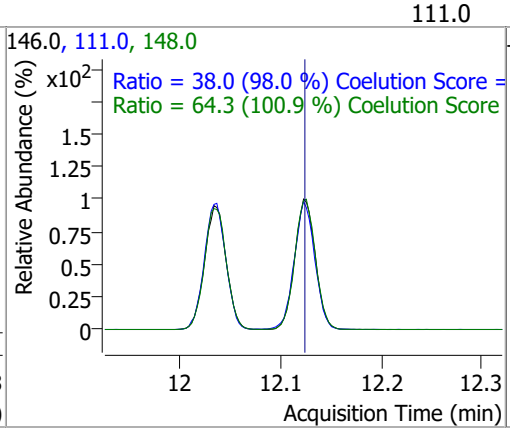


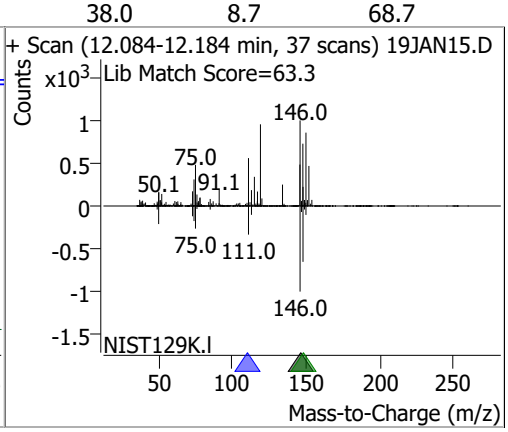




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	512.3936	12.12	0.00	899595	148.0	64.3	33.7	93.7
					111.0	38.0	8.7	68.7

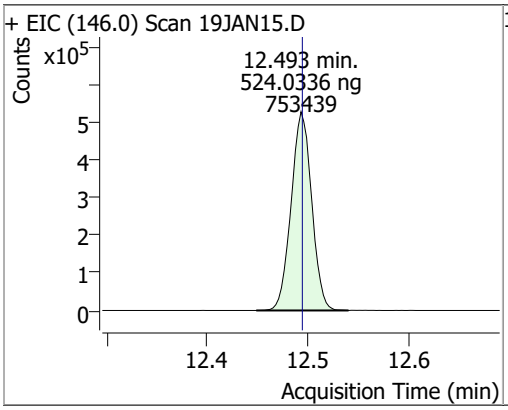


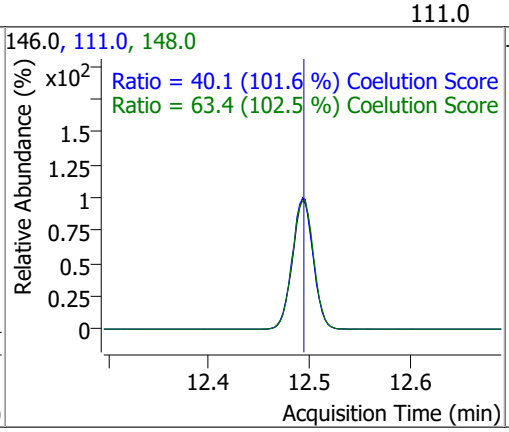


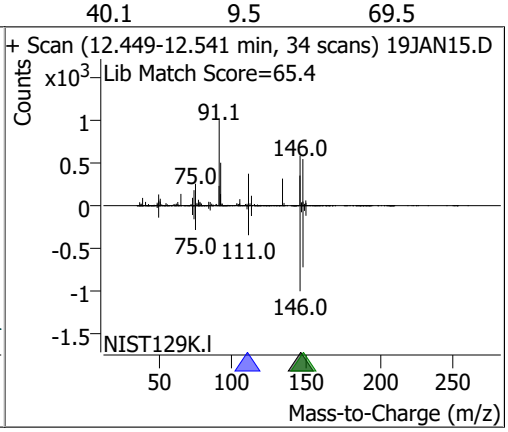


Quantitation Results Report (QT Reviewed)

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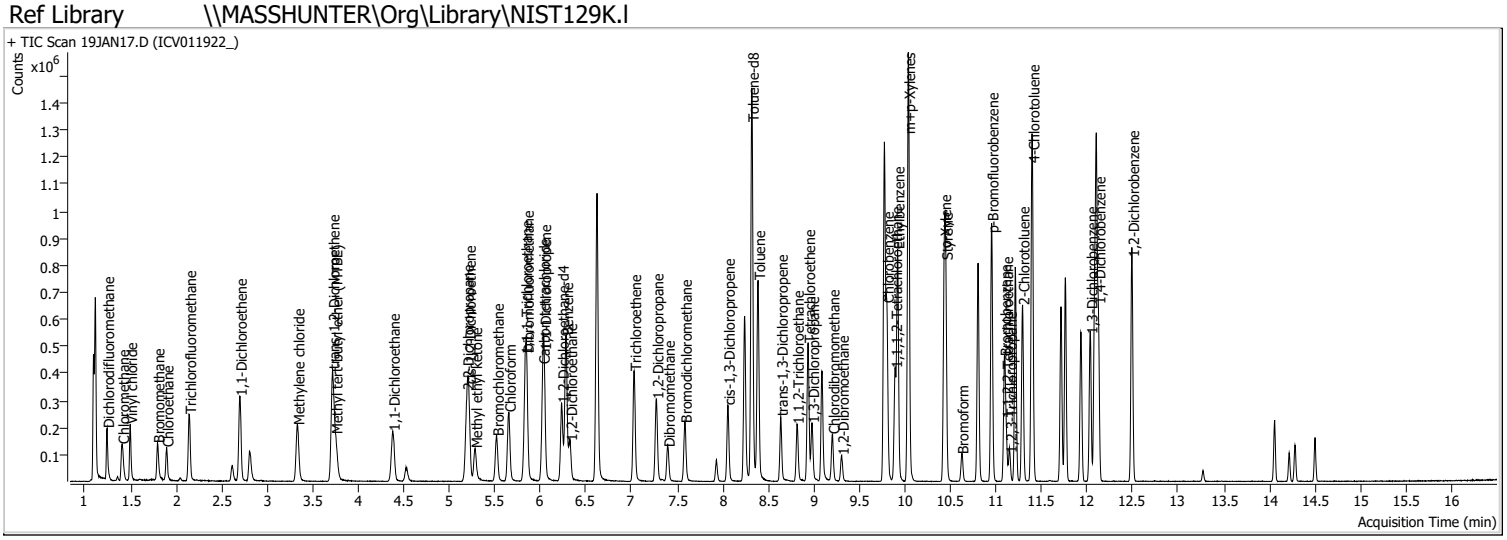
Vial	17	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG011922_8260B.batch.bin	Last Calib Update	1/20/2022 9:28:12 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

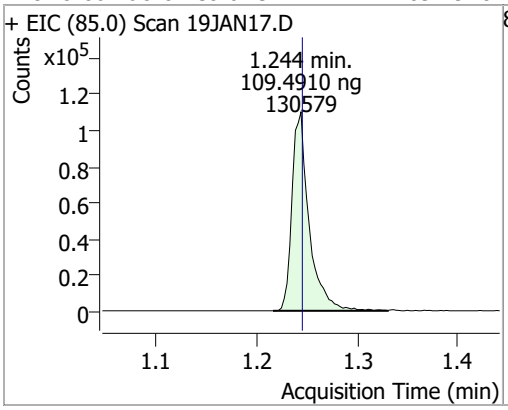


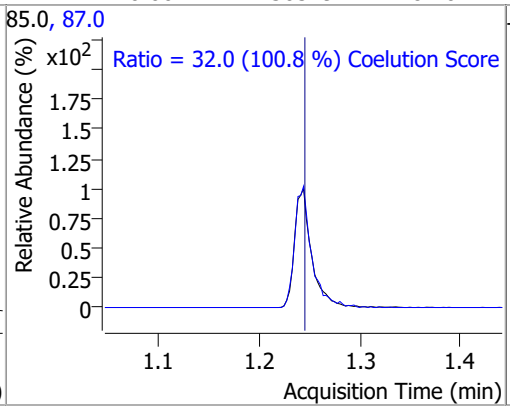
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	886938	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	337386	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	283678	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	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

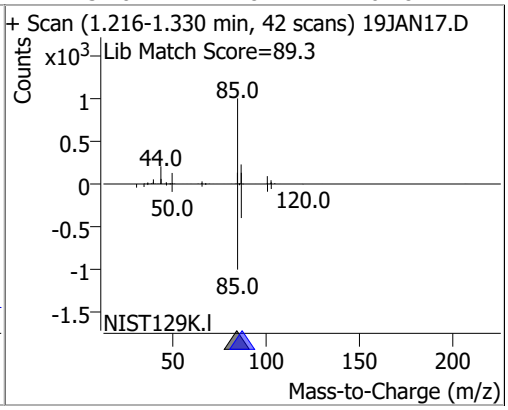
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	195526	123.1032	ng	98
T Carbon tetrachloride	6.024	117.0	187895	121.9742	ng	99
T 1,1-Dichloropropene	6.040	75.0	158033	122.6990	ng	99
T Benzene	6.280	78.0	442173	124.7960	ng	100
T 1,2-Dichloroethane	6.325	62.0	110579	112.9931	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

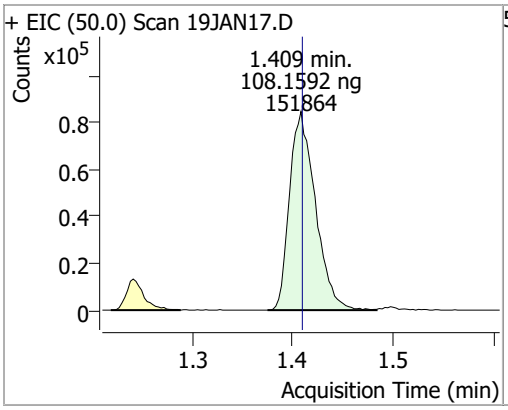
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	109.4910	1.24	0.00	130579	87.0	32.0	1.8	61.8

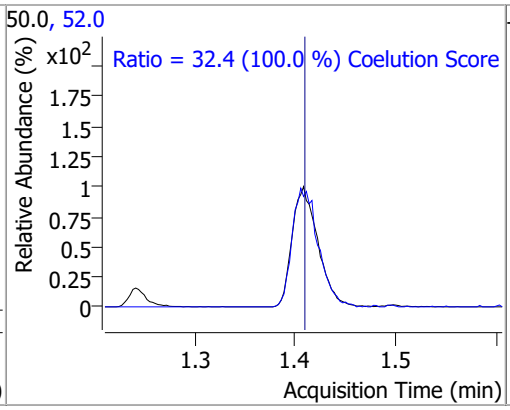


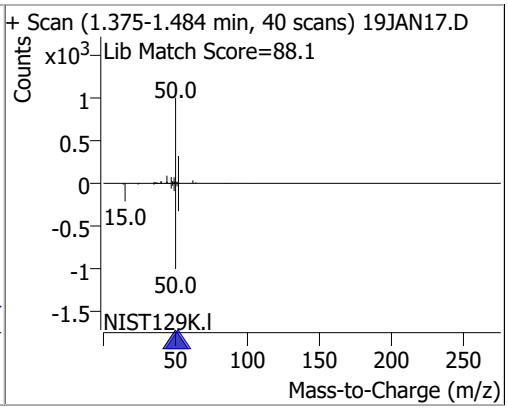




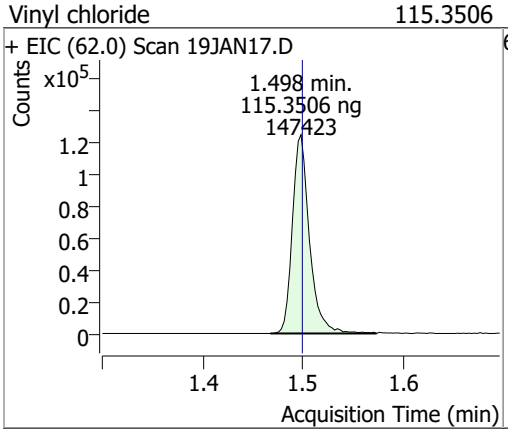
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	108.1592	1.41	0.00	151864	52.0	32.4	2.4	62.4

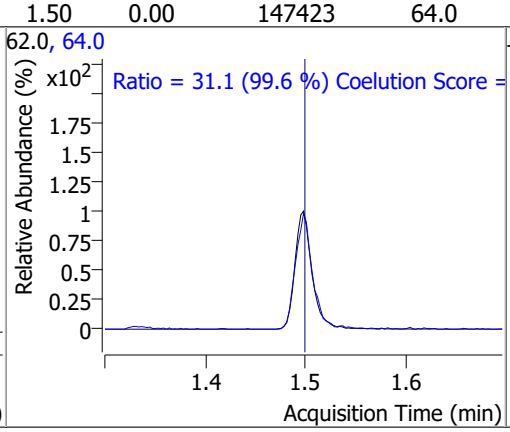


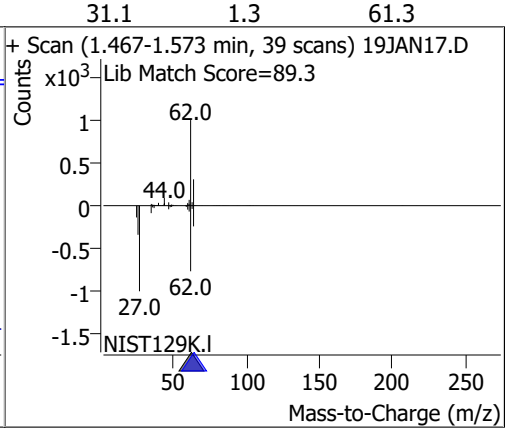




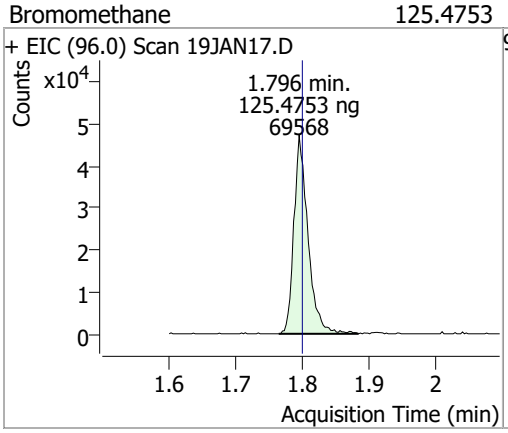
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	115.3506	1.50	0.00	147423	64.0	31.1	1.3	61.3

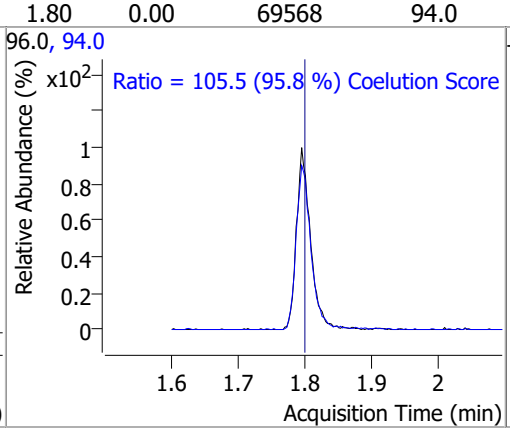


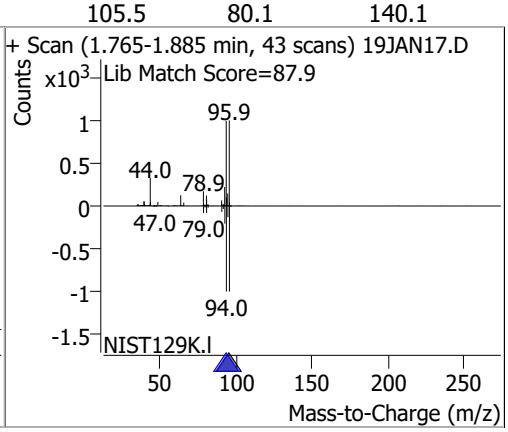




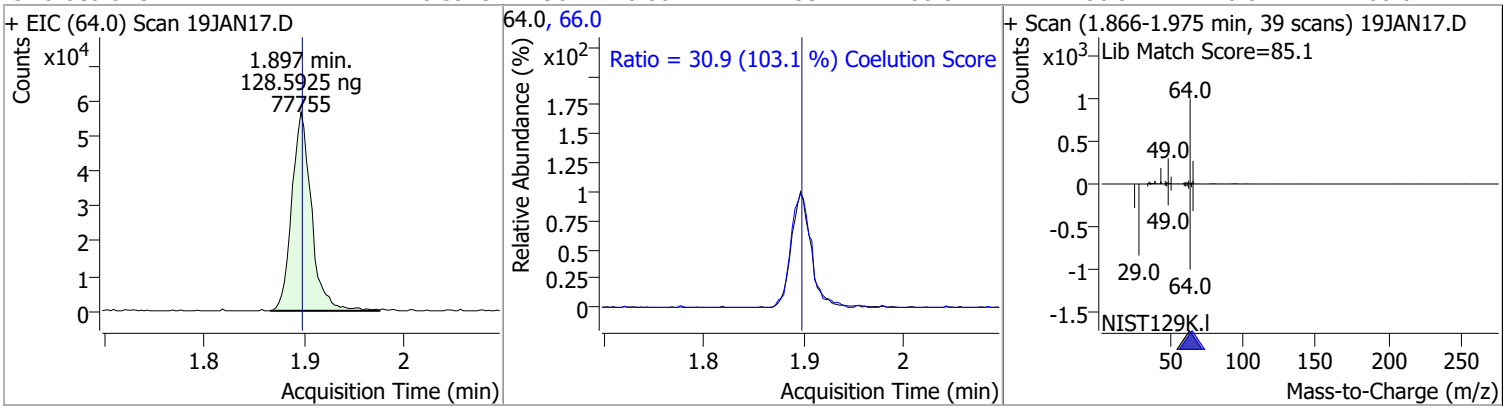
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	125.4753	1.80	0.00	69568	94.0	105.5	80.1	140.1



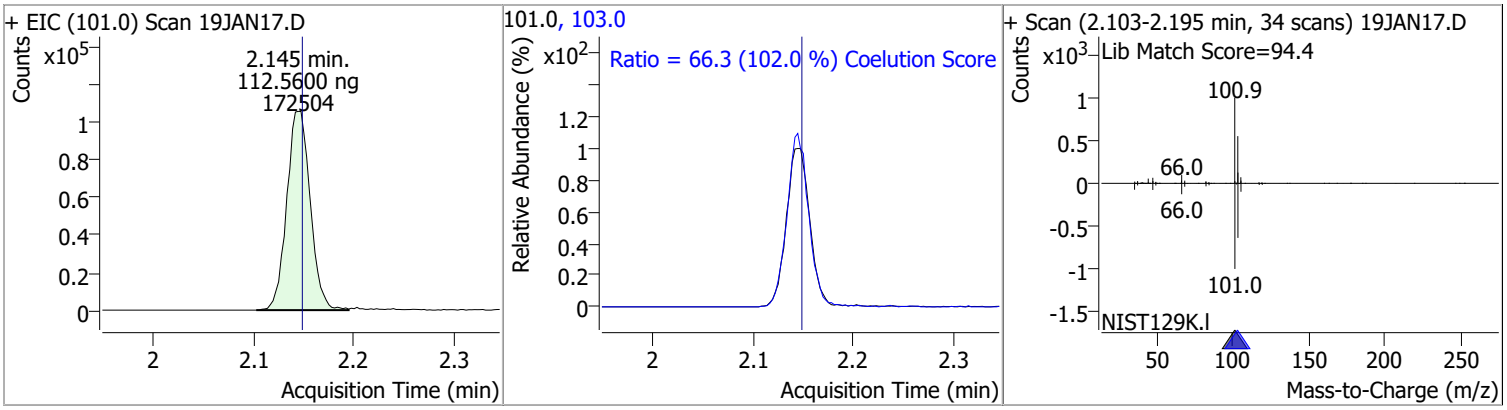




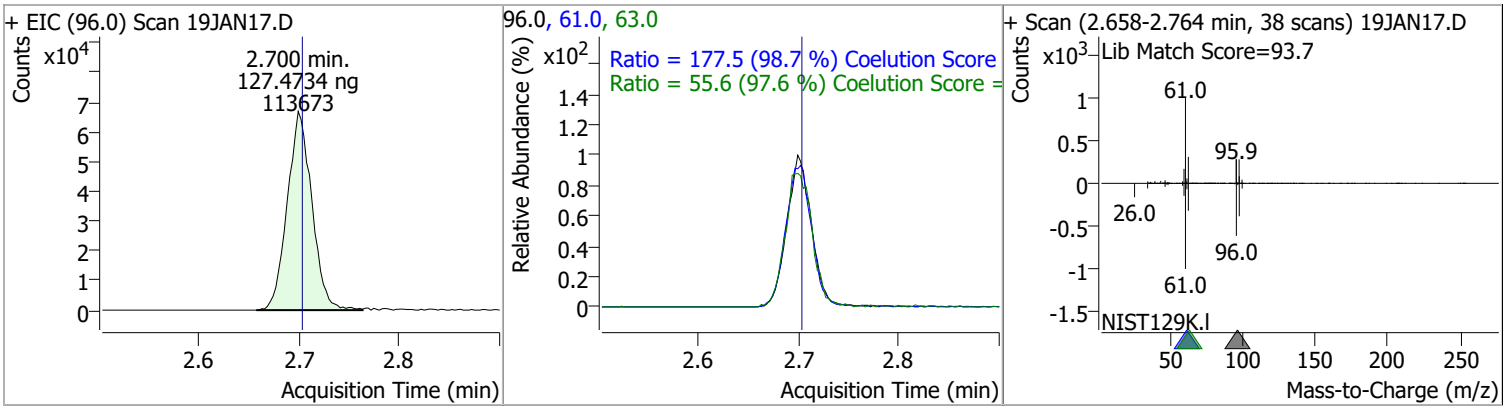
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	128.5925	1.90	0.00	77755	66.0	30.9	0.0	60.0



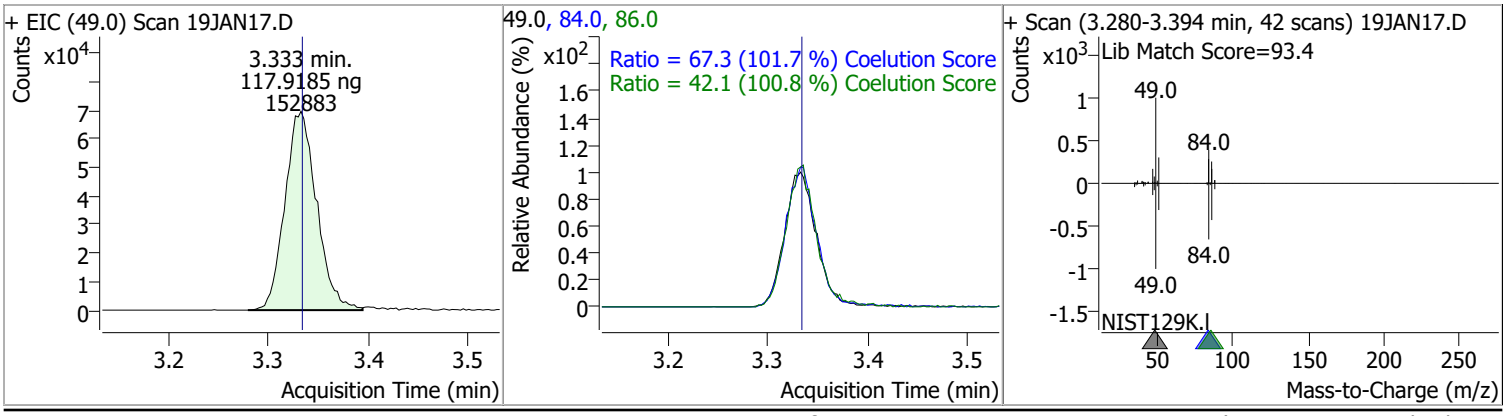
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	112.5600	2.14	0.00	172504	103.0	66.3	35.0	95.0



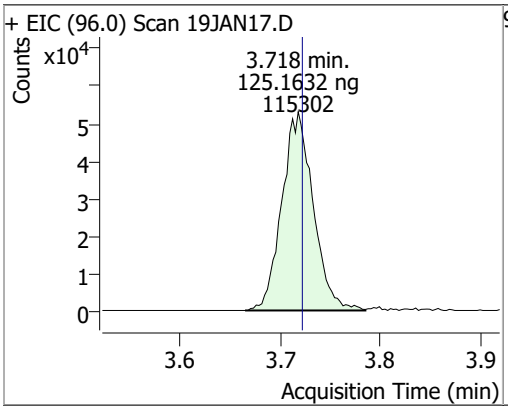
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	127.4734	2.70	0.00	113673	61.0	177.5	149.9	209.9
					63.0	55.6	27.0	87.0

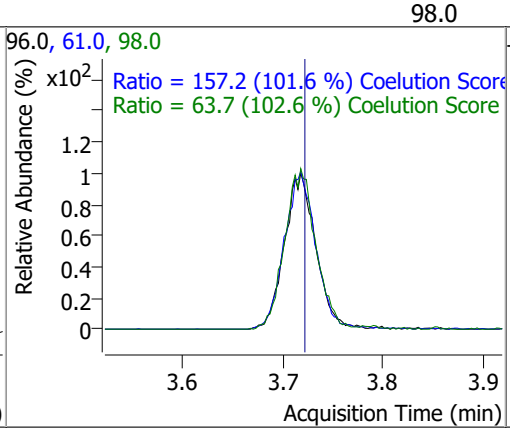


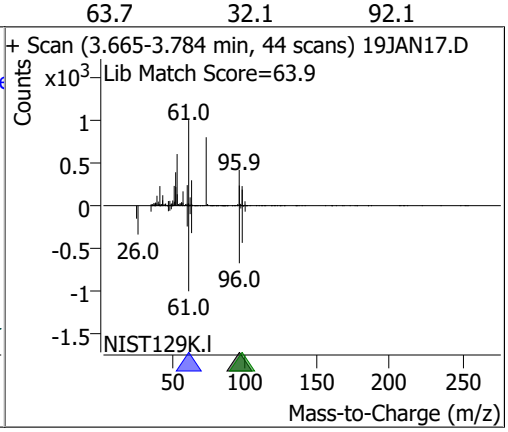
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	117.9185	3.33	0.00	152883	84.0	67.3	36.1	96.1
					86.0	42.1	11.8	71.8



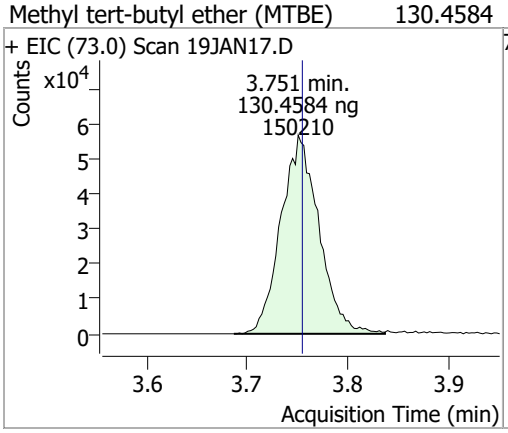
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	125.1632	3.72	0.00	115302	61.0	157.2	124.8	184.8
					98.0	63.7	32.1	92.1

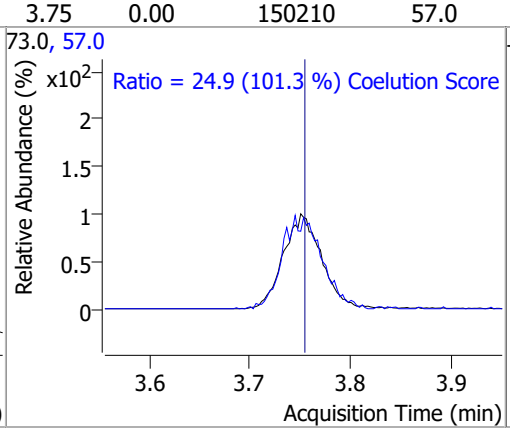


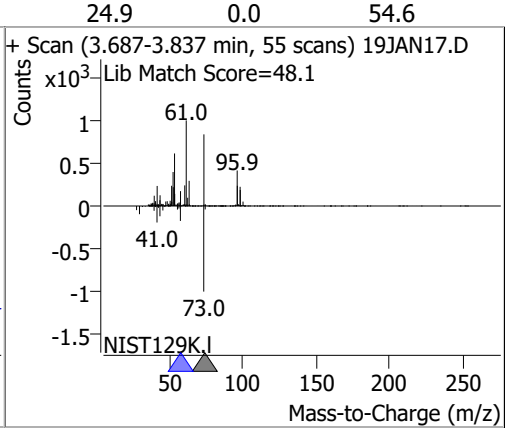




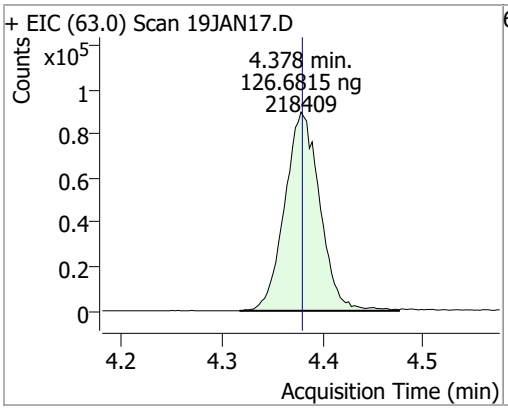
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	130.4584	3.75	0.00	150210	57.0	24.9	0.0	54.6

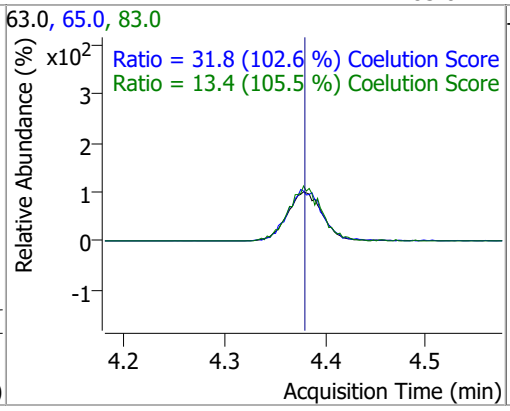


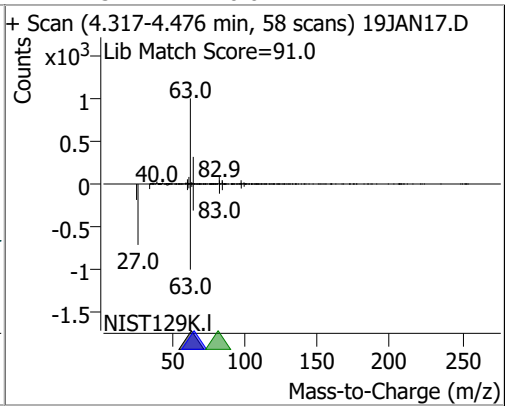




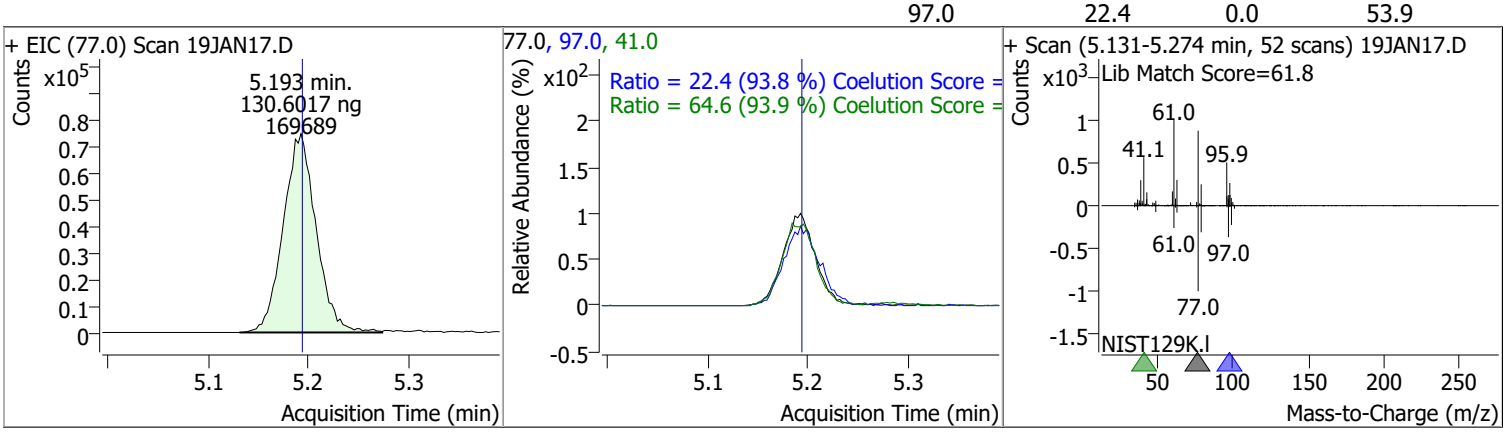
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	126.6815	4.38	0.00	218409	65.0	31.8	1.0	61.0
					83.0	13.4	0.0	42.7



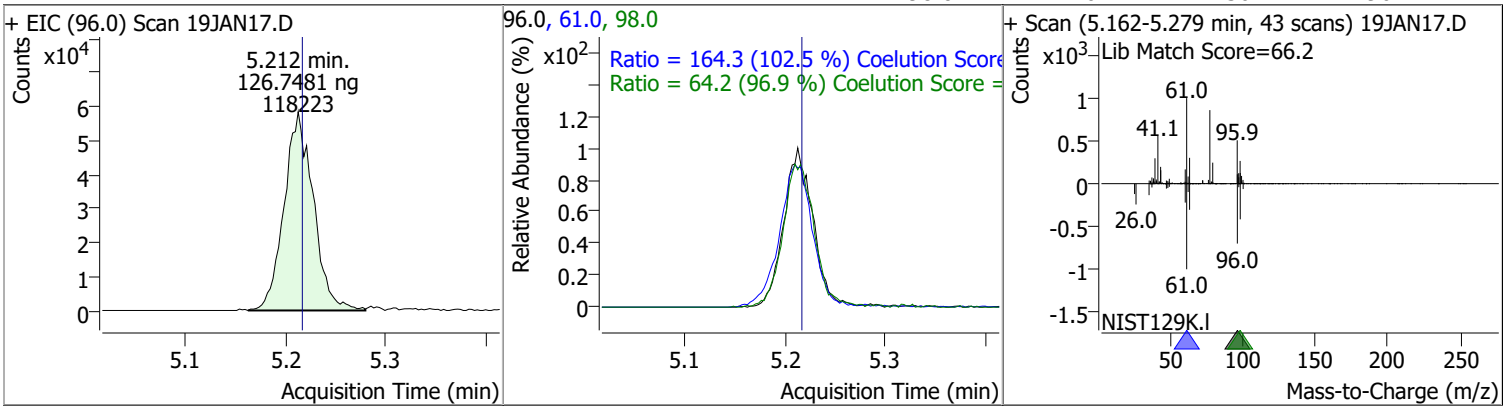




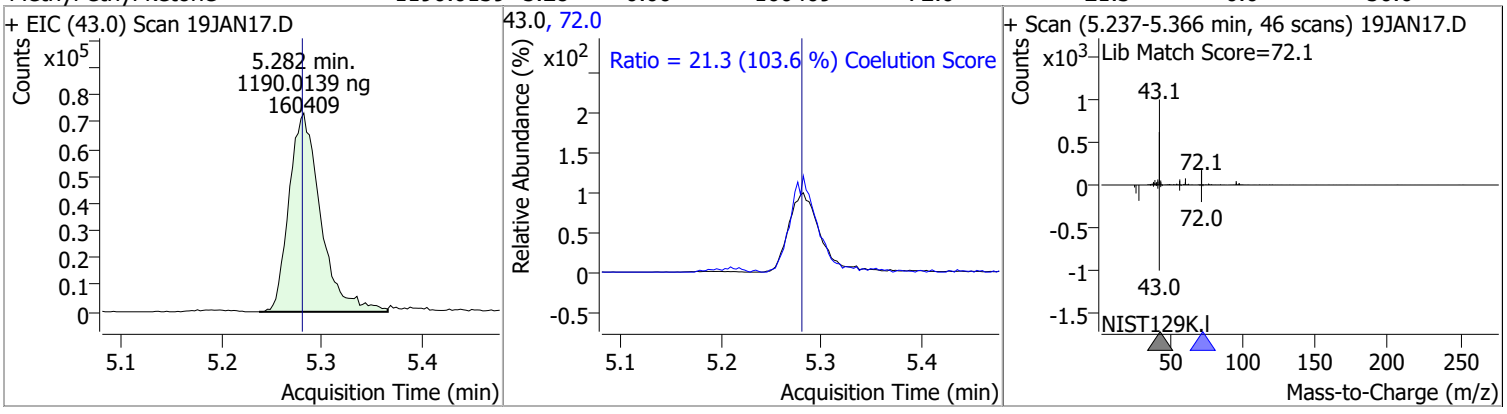
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	130.6017	5.19	0.00	169689	41.0	64.6	38.8	98.8
					97.0	22.4	0.0	53.9



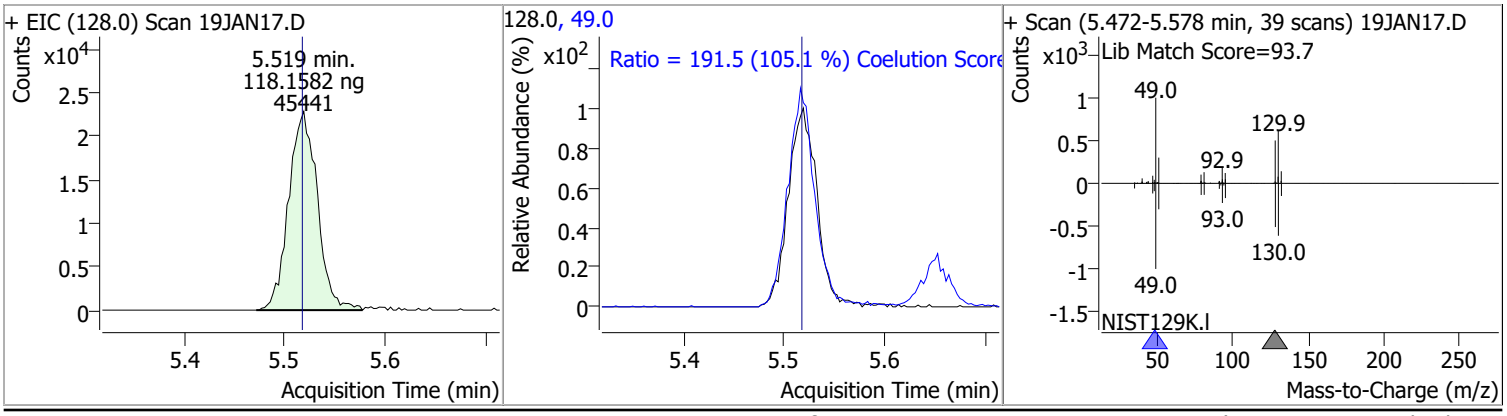
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	126.7481	5.21	0.00	118223	61.0	164.3	130.4	190.4
					98.0	64.2	36.2	96.2



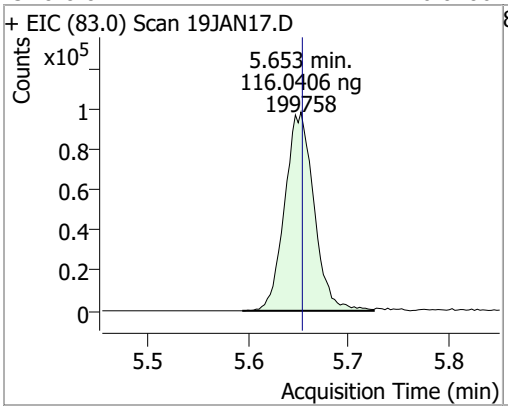
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1190.0139	5.28	0.00	160409	72.0	21.3	0.0	50.6

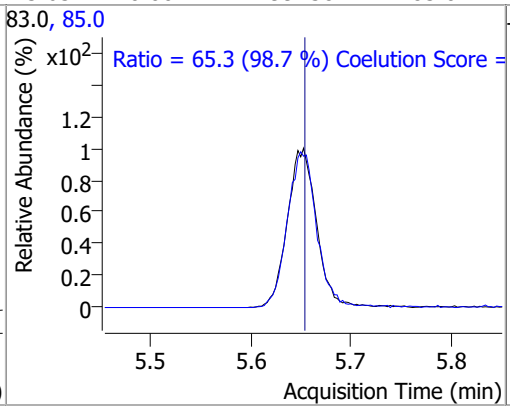


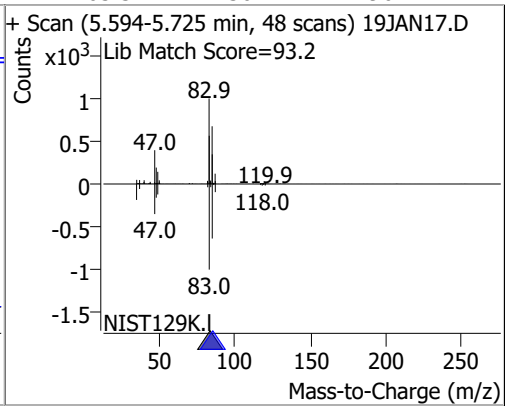
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	118.1582	5.52	0.00	45441	49.0	191.5	152.2	212.2



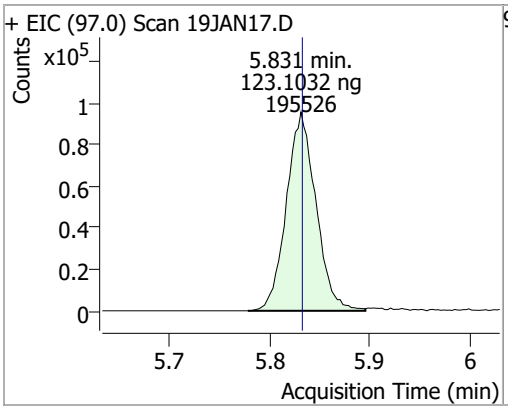
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	116.0406	5.65	0.00	199758	85.0	65.3	36.2	96.2

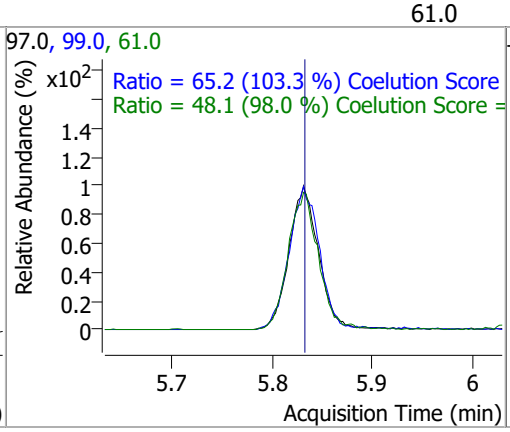


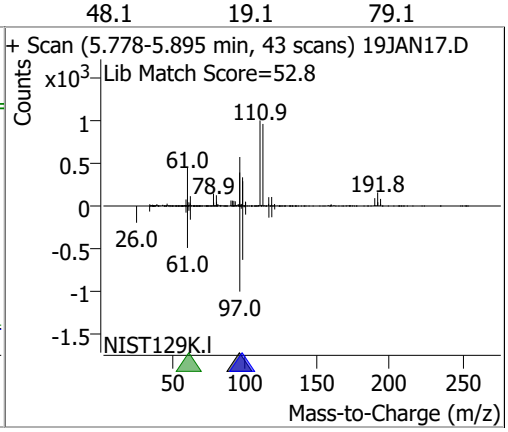




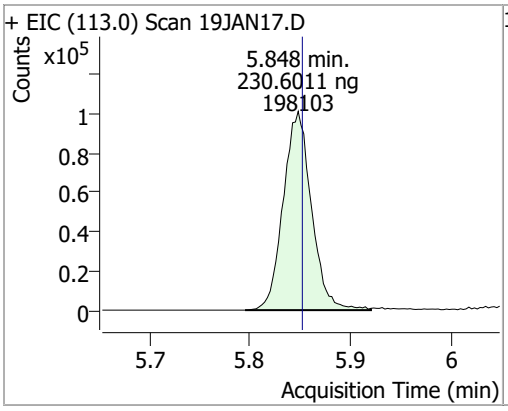
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	123.1032	5.83	0.00	195526	99.0	65.2	33.1	93.1
					61.0	48.1	19.1	79.1

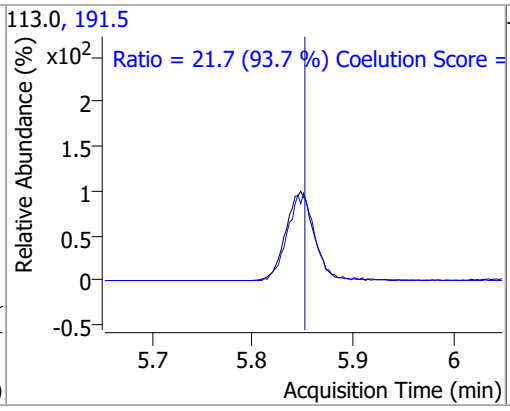


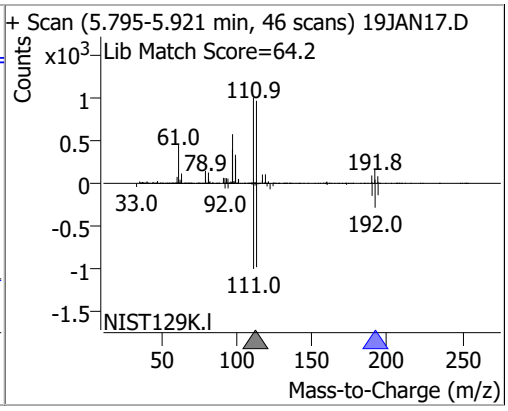




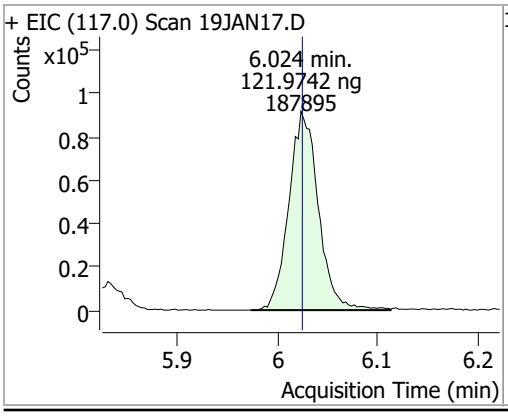
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	230.6011	5.85	0.00	198103	191.5	21.7	0.0	53.2

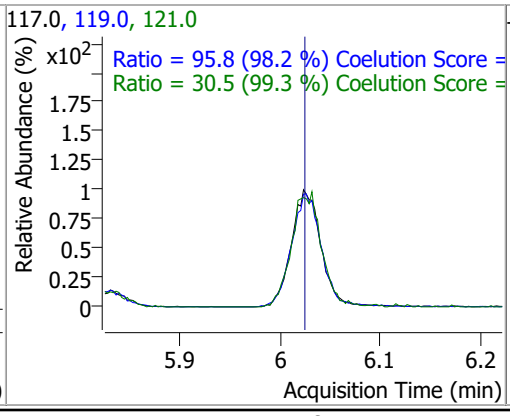


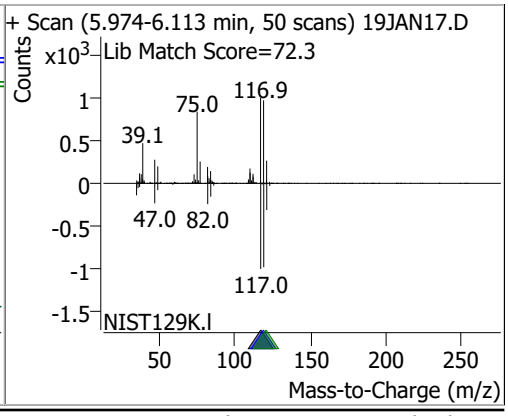




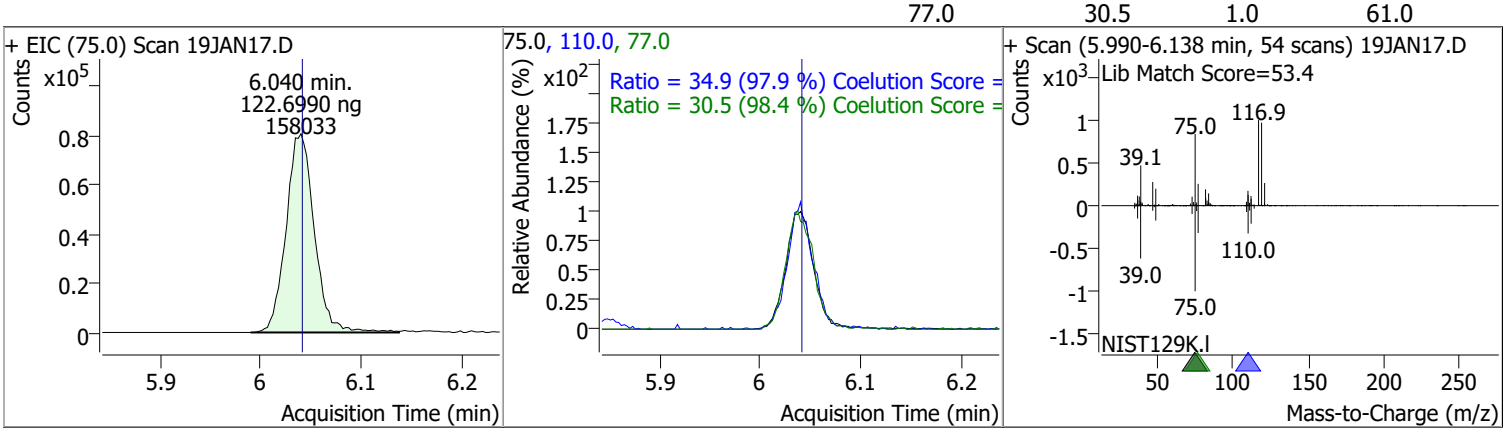
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	121.9742	6.02	0.00	187895	119.0	95.8	67.6	127.6
					121.0	30.5	0.7	60.7



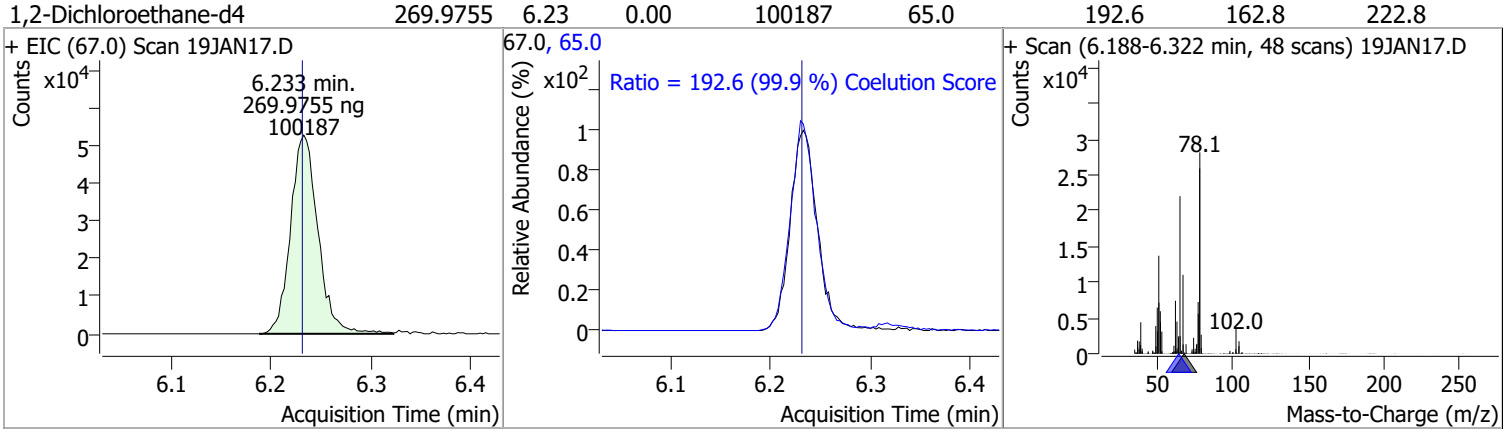




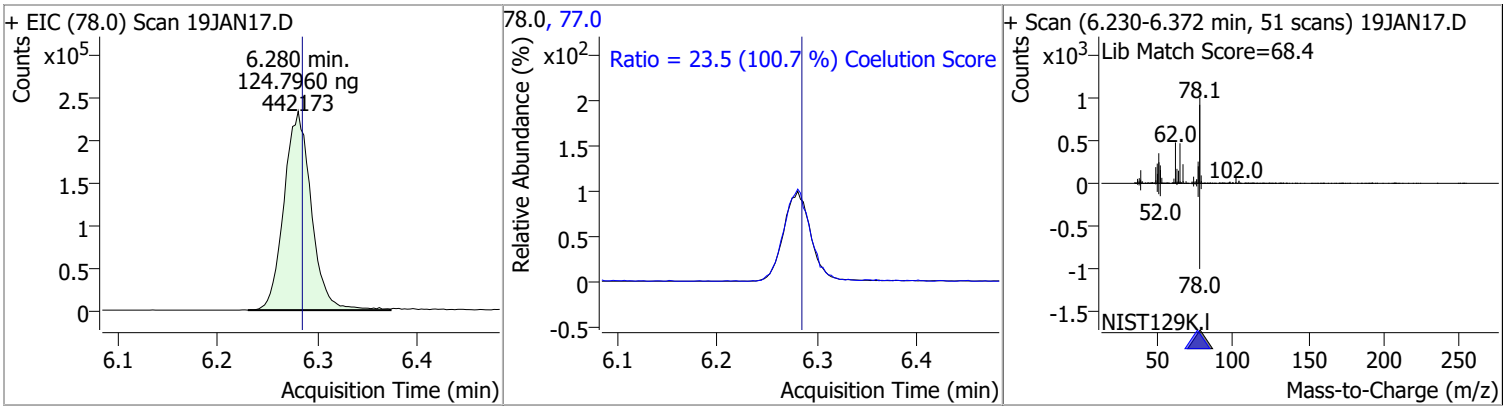
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	122.6990	6.04	0.00	158033	110.0	34.9	5.6	65.6
					77.0	30.5	1.0	61.0



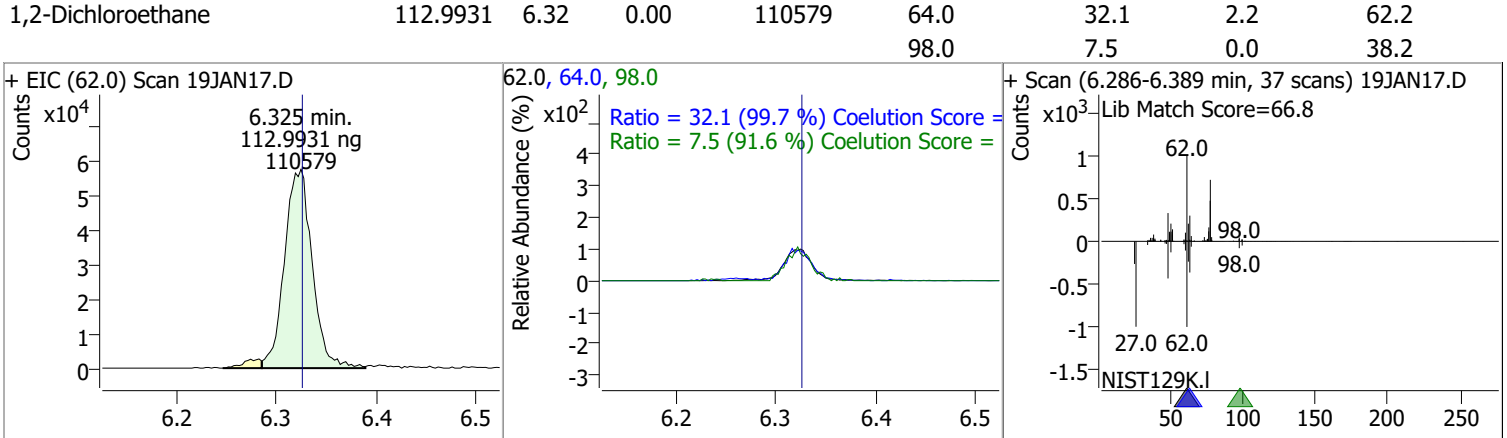
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	269.9755	6.23	0.00	100187	65.0	192.6	162.8	222.8



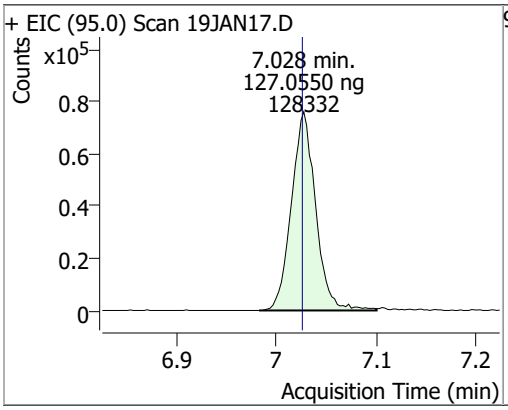
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	124.7960	6.28	0.00	442173	77.0	23.5	0.0	53.3

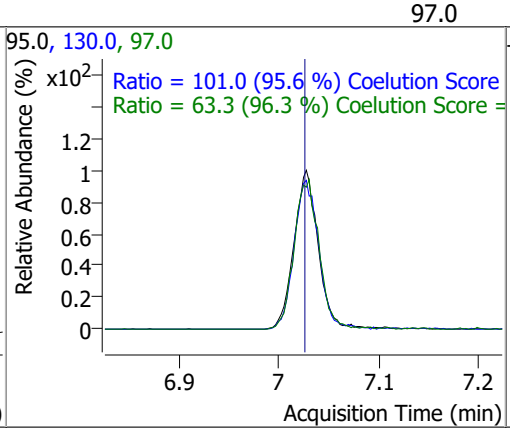


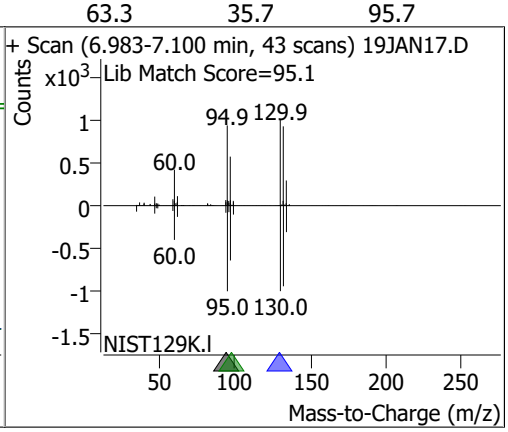
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	112.9931	6.32	0.00	110579	64.0	32.1	2.2	62.2
					98.0	7.5	0.0	38.2



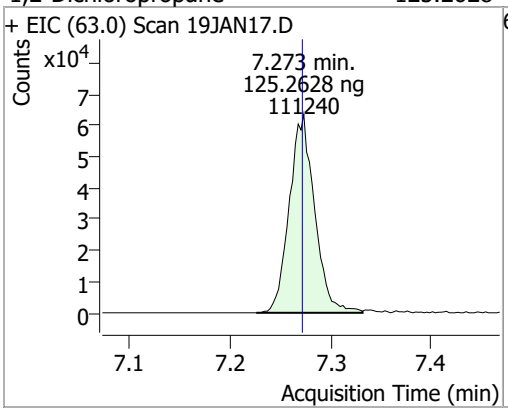
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	127.0550	7.03	0.00	128332	130.0	101.0	75.6	135.6
					97.0	63.3	35.7	95.7

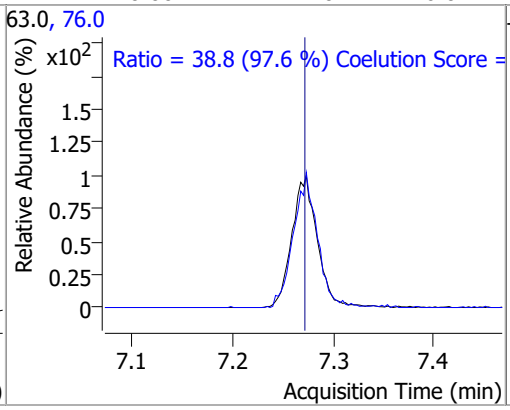


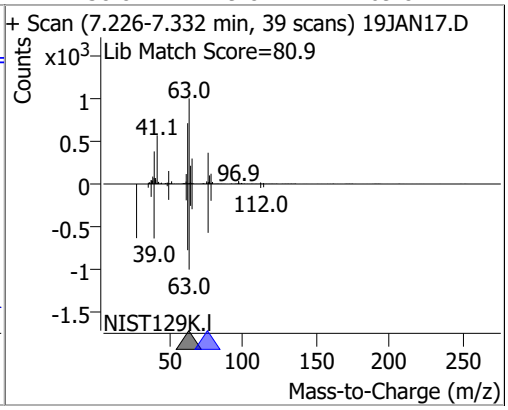




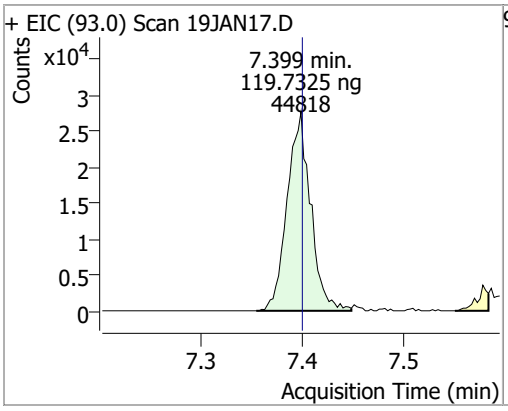
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	125.2628	7.27	0.00	111240	76.0	38.8	9.8	69.8

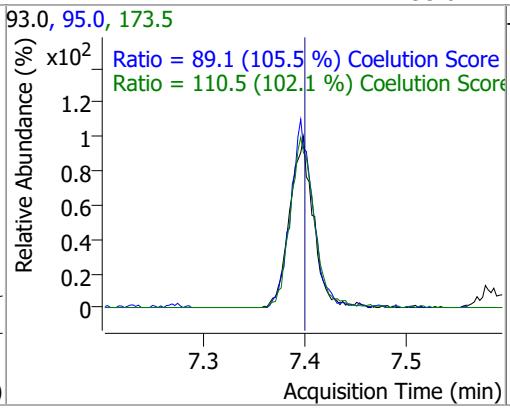


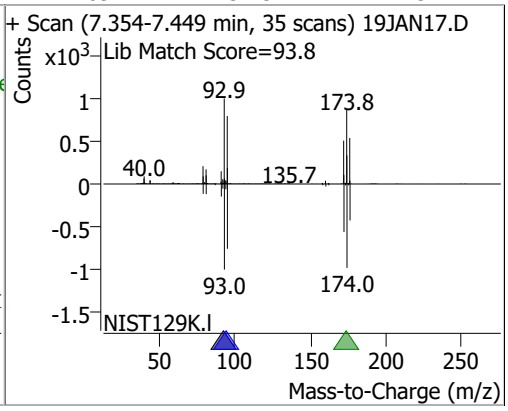




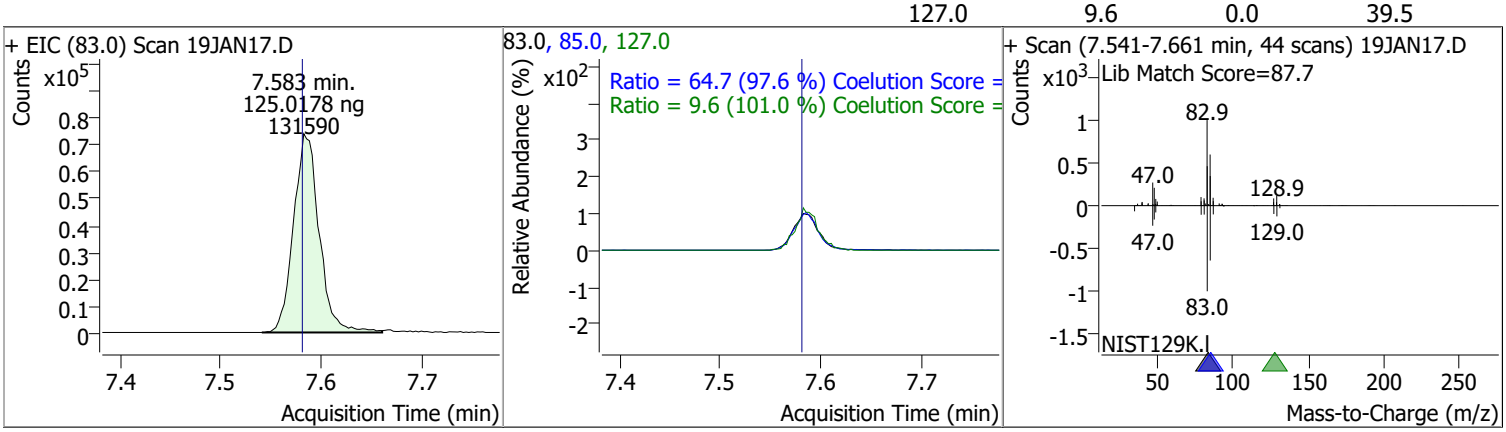
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	119.7325	7.40	0.00	44818	173.5	110.5	78.2	138.2
					95.0	89.1	54.5	114.5



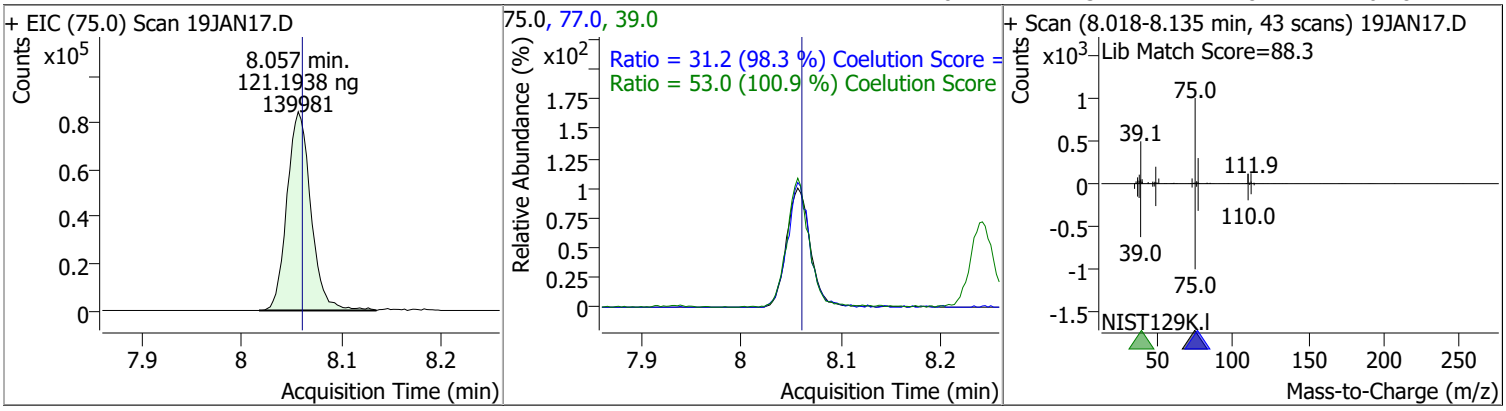




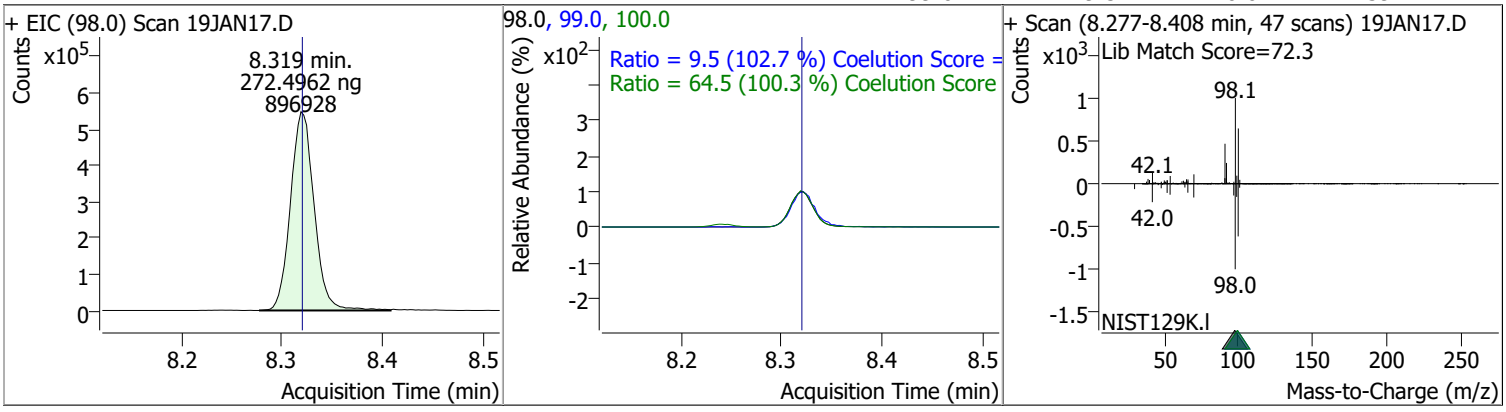
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	125.0178	7.58	0.00	131590	85.0	64.7	36.3	96.3
					127.0	9.6	0.0	39.5



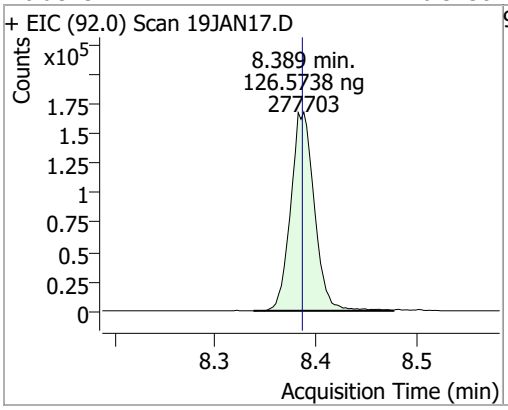
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	121.1938	8.06	0.00	139981	39.0	53.0	22.5	82.5
					77.0	31.2	1.8	61.8

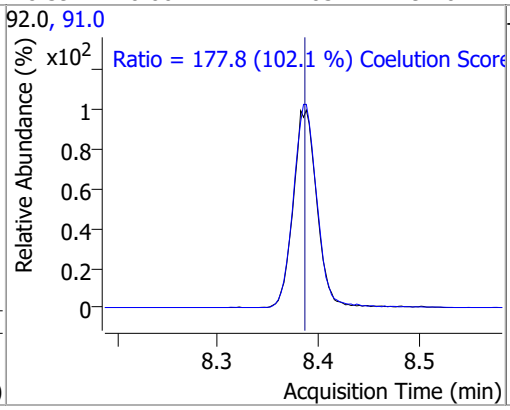


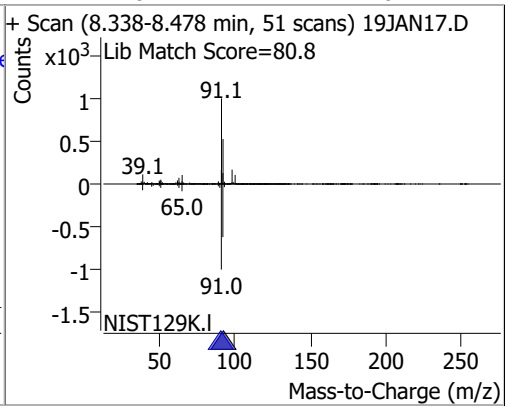
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	272.4962	8.32	0.00	896928	100.0	64.5	34.3	94.3
					99.0	9.5	0.0	39.2



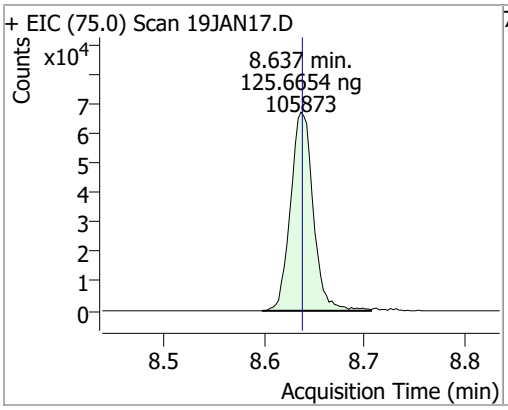
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	126.5738	8.39	0.00	277703	91.0	177.8	144.1	204.1

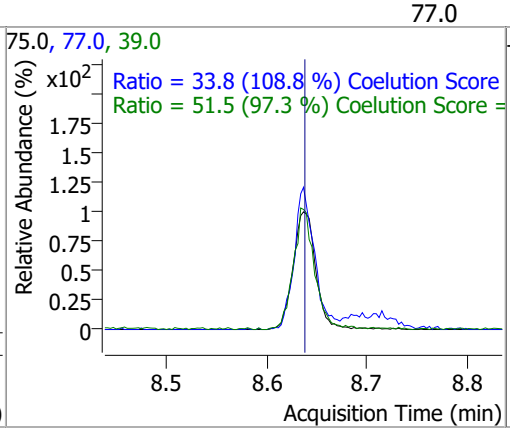


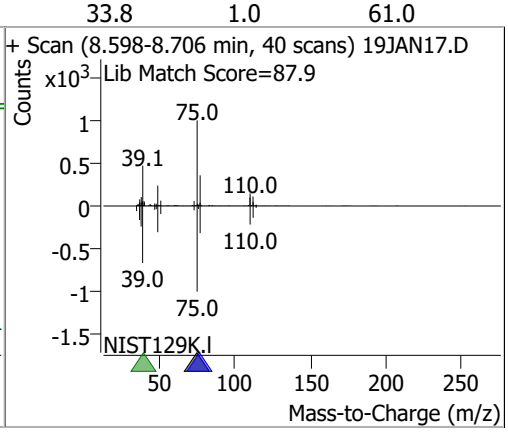




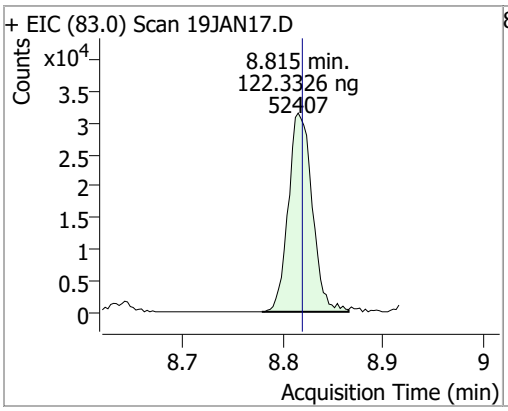
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	125.6654	8.64	0.00	105873	39.0	51.5	23.0	83.0
					77.0	33.8	1.0	61.0

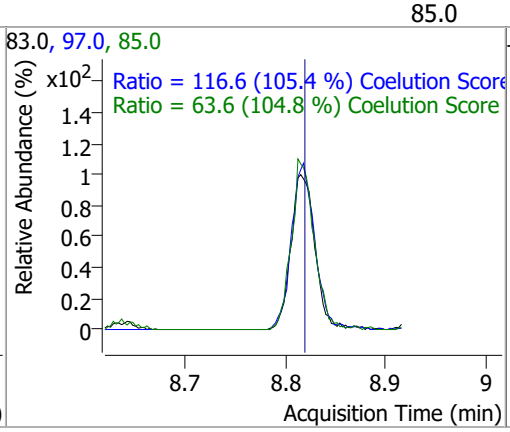


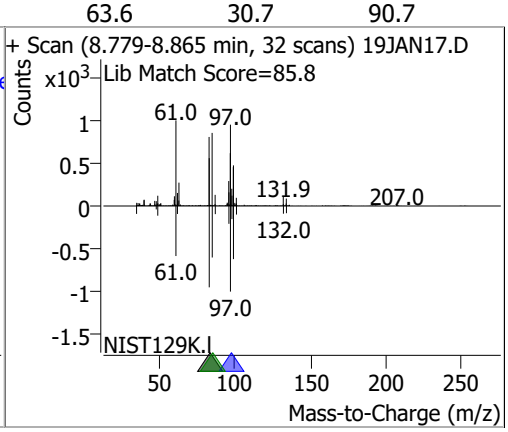




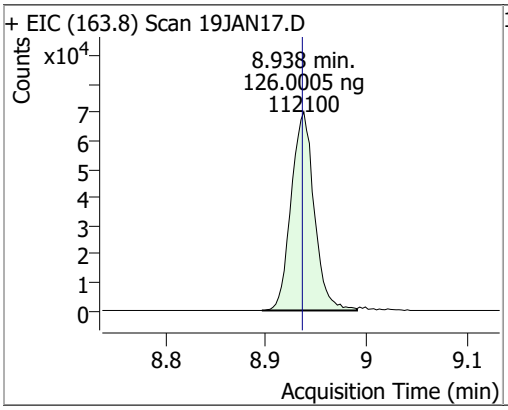
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	122.3326	8.82	0.00	52407	97.0	116.6	80.7	140.7
					85.0	63.6	30.7	90.7

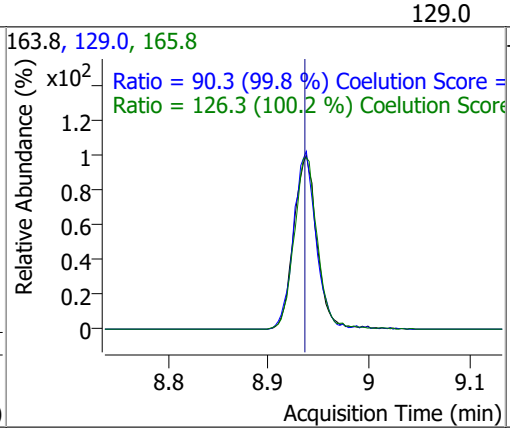


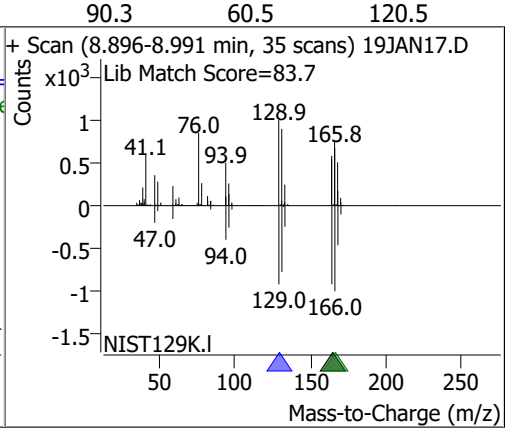




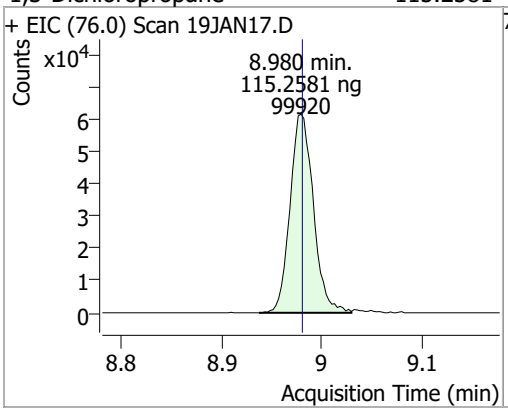
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	126.0005	8.94	0.00	112100	165.8	126.3	96.1	156.1
					129.0	90.3	60.5	120.5

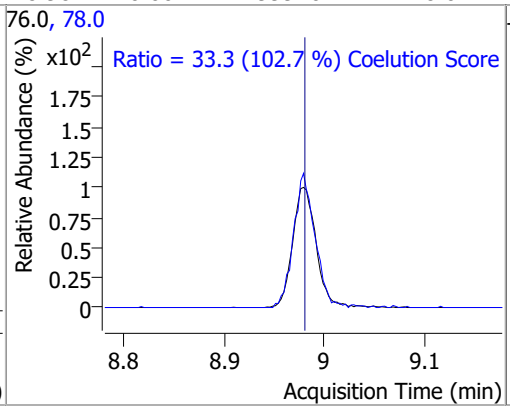


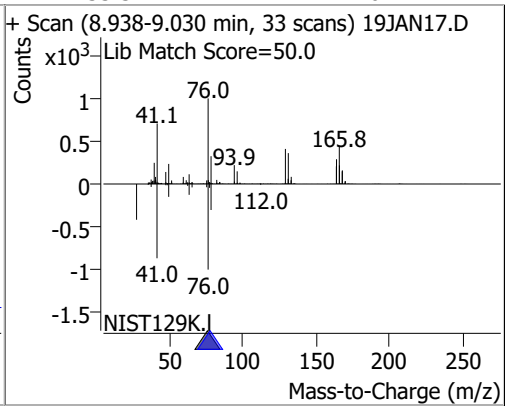




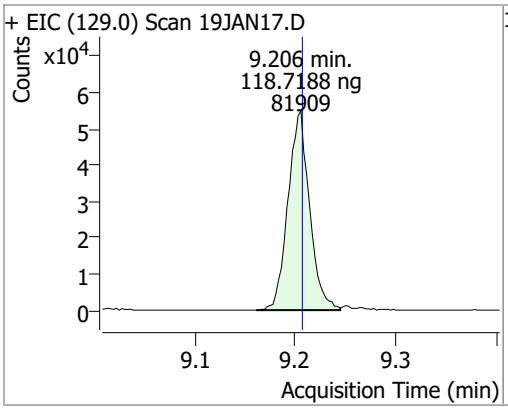
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	115.2581	8.98	0.00	99920	78.0	33.3	2.4	62.4

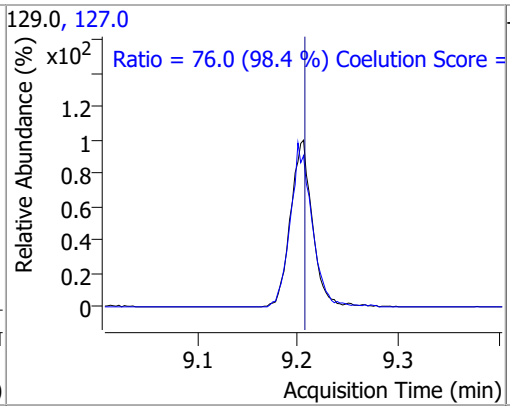


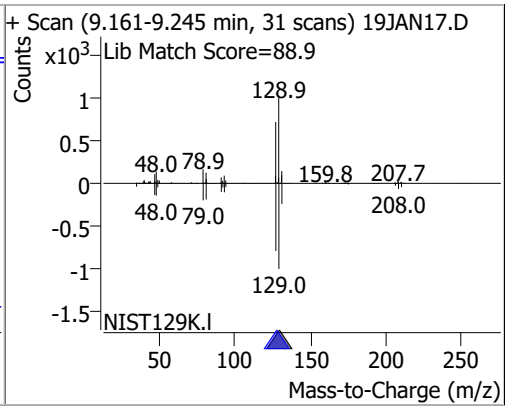




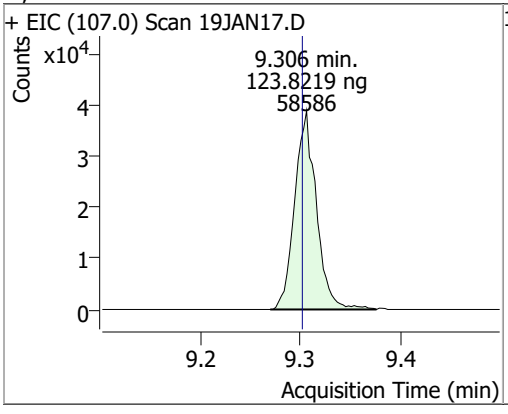
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	118.7188	9.21	0.00	81909	127.0	76.0	47.2	107.2

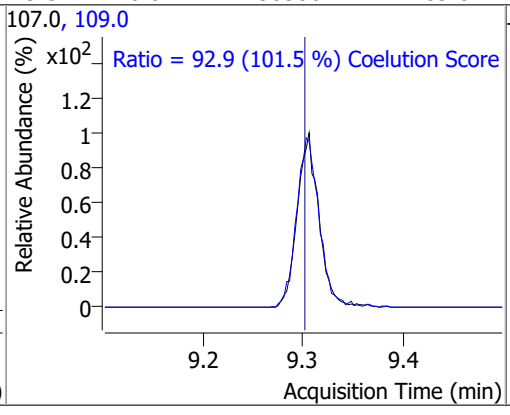


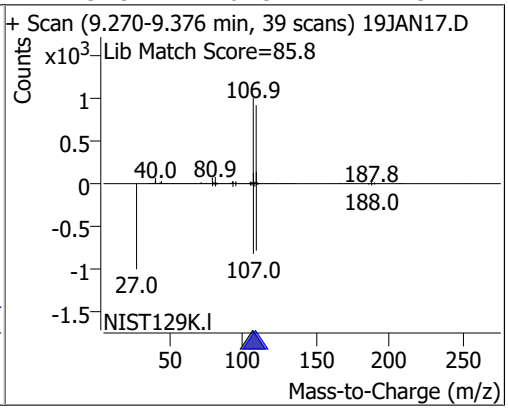




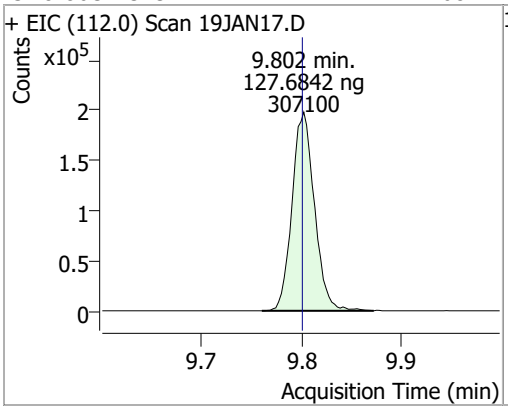
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	123.8219	9.31	0.01	58586	109.0	92.9	61.5	121.5

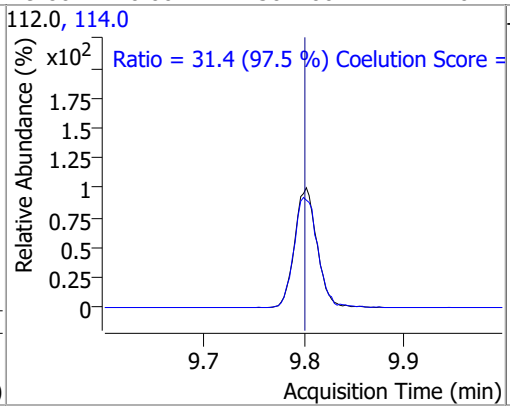


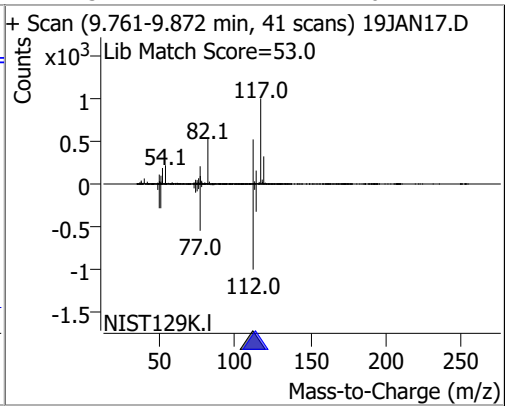




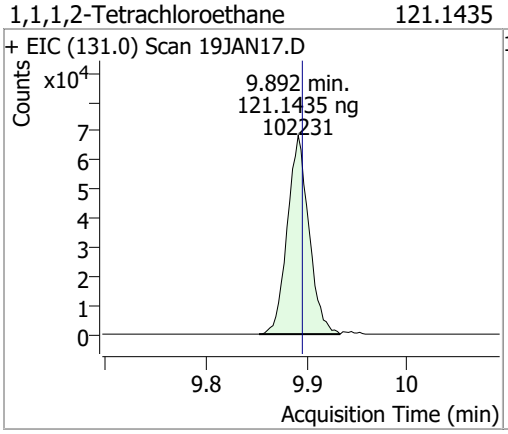
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	127.6842	9.80	0.00	307100	114.0	31.4	2.2	62.2

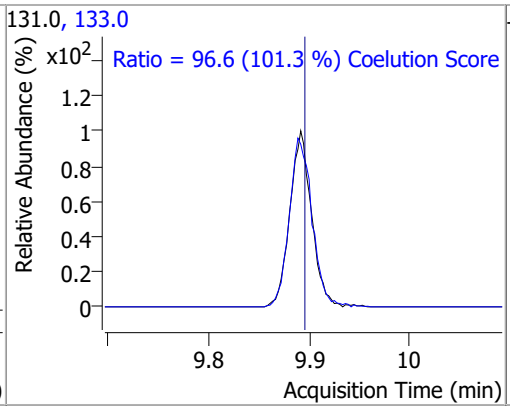


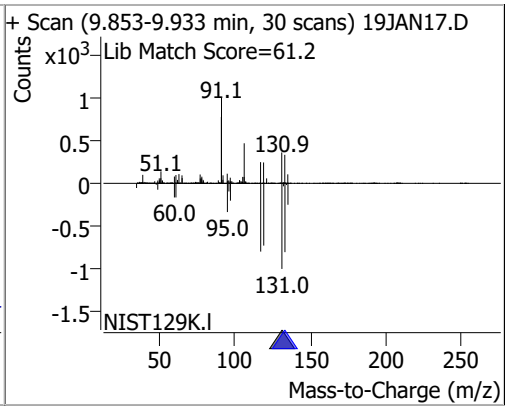




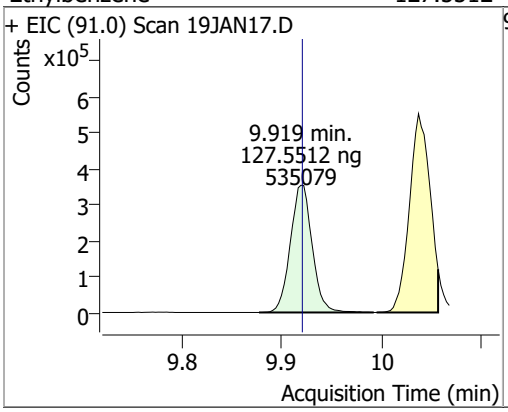
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	121.1435	9.89	0.00	102231	133.0	96.6	65.3	125.3

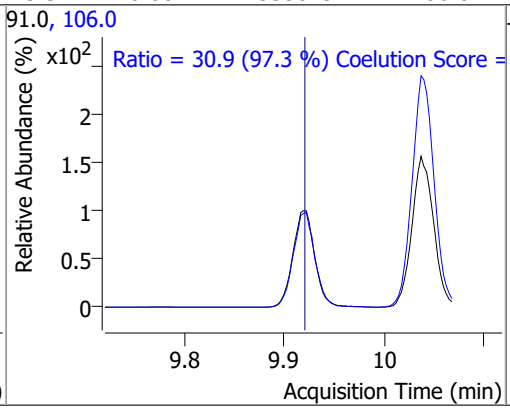


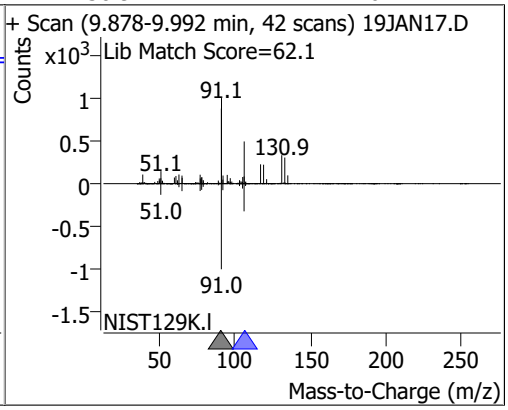




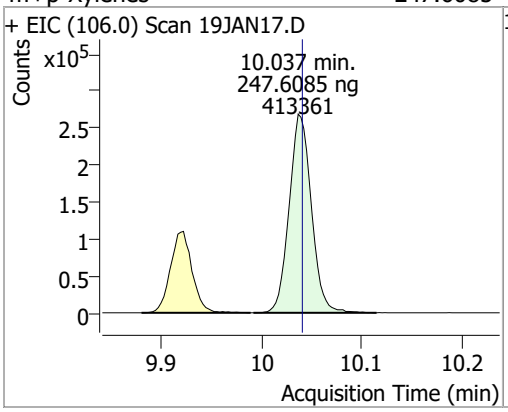
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	127.5512	9.92	0.00	535079	106.0	30.9	1.7	61.7

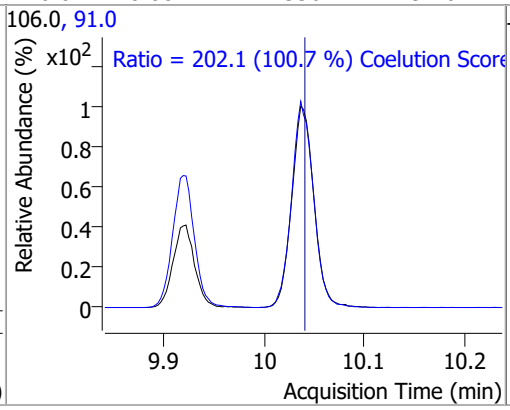


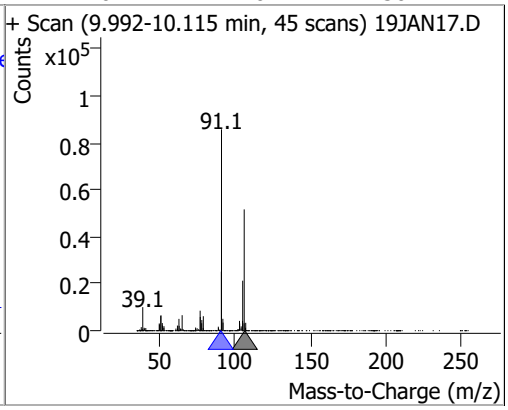




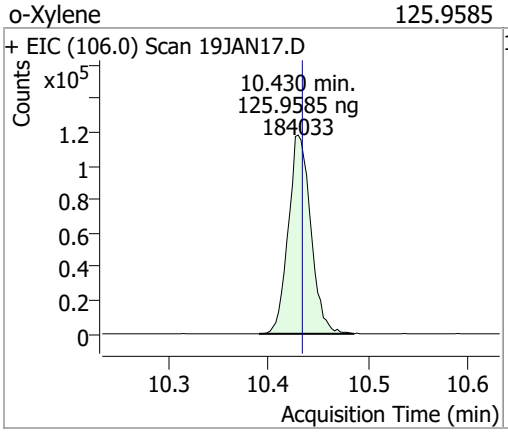
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	247.6085	10.04	0.00	413361	91.0	202.1	170.7	230.7

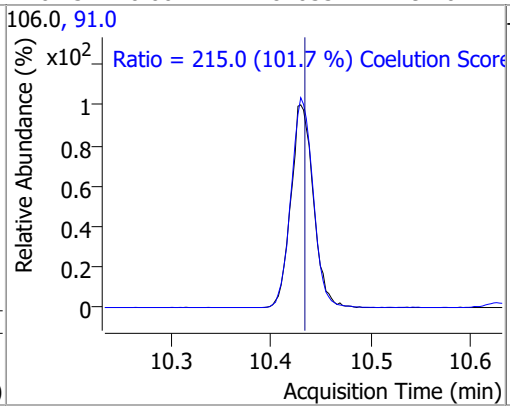


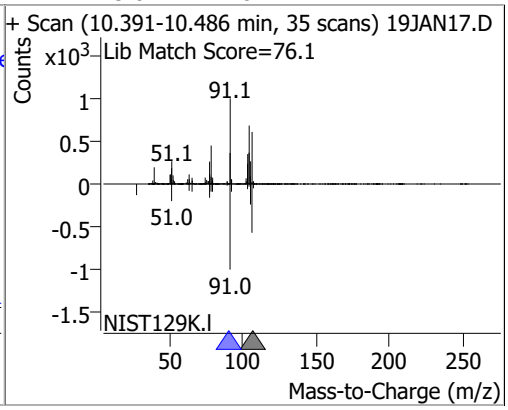




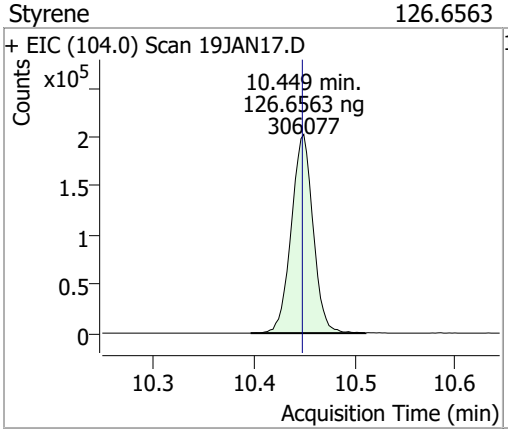
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	125.9585	10.43	0.00	184033	91.0	215.0	181.4	241.4

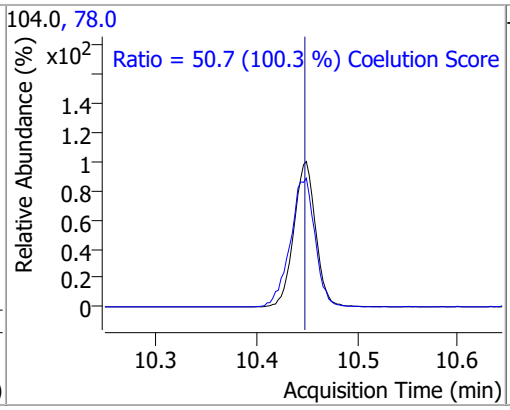


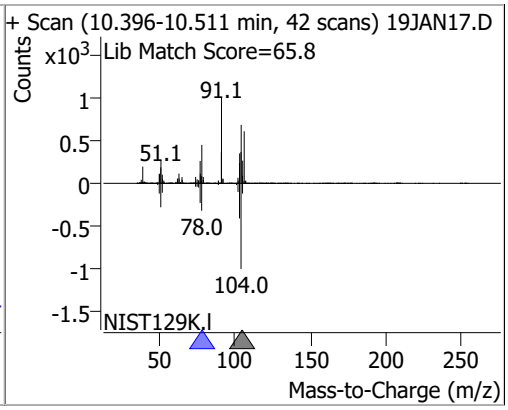




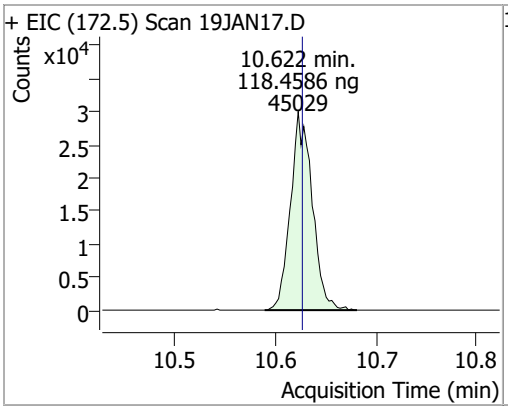
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	126.6563	10.45	0.00	306077	78.0	50.7	20.6	80.6

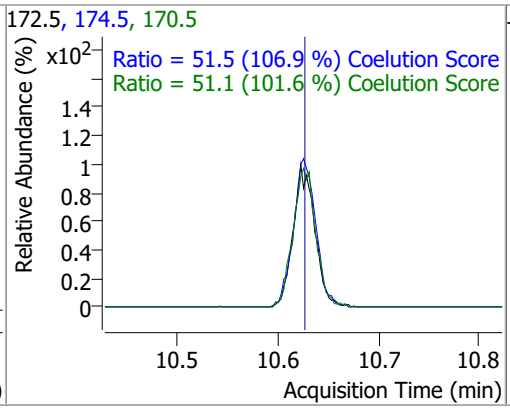


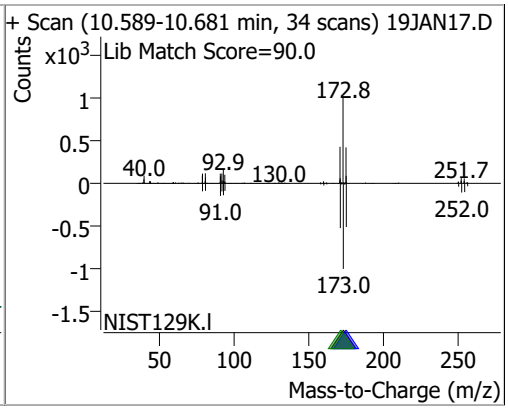




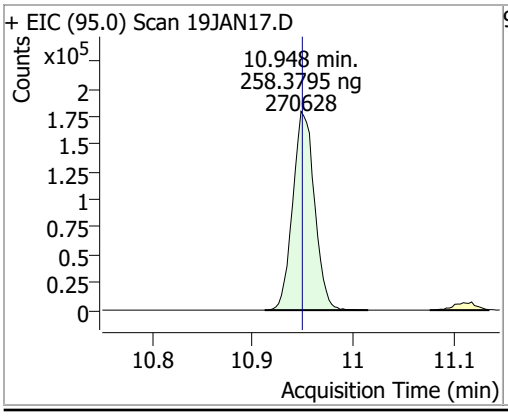
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	118.4586	10.62	0.00	45029	170.5	51.1	20.3	80.3
					174.5	51.5	18.1	78.1

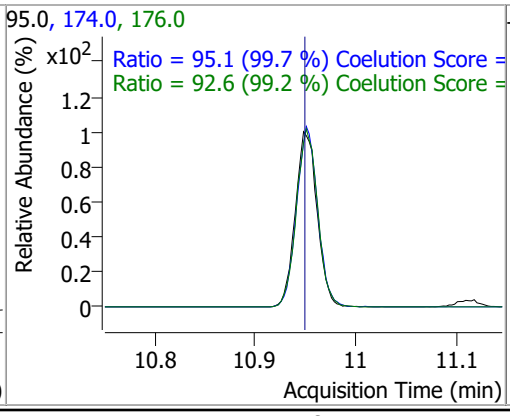


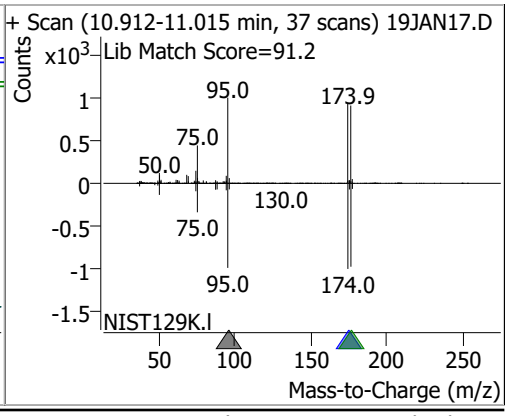




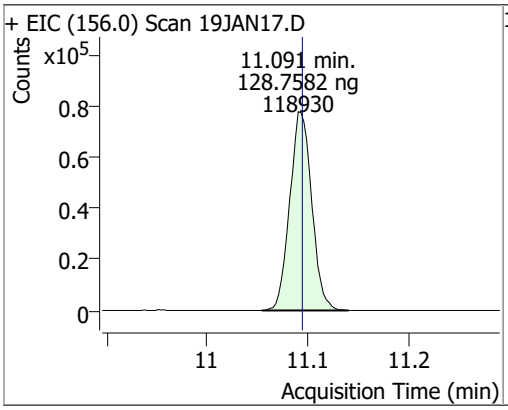
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	258.3795	10.95	0.00	270628	174.0	95.1	65.3	125.3
					176.0	92.6	63.3	123.3

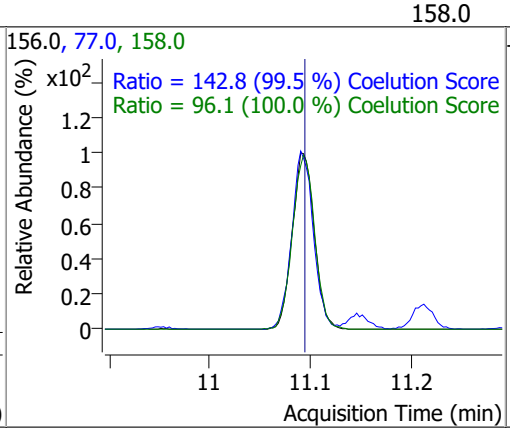


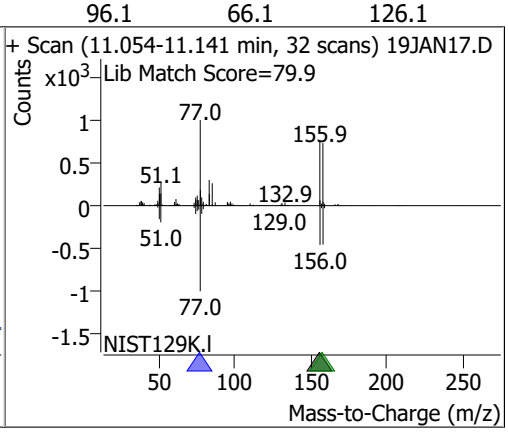




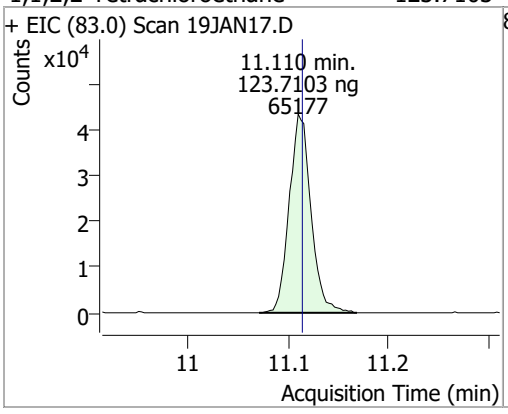
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	128.7582	11.09	0.00	118930	77.0	142.8	113.5	173.5
					158.0	96.1	66.1	126.1

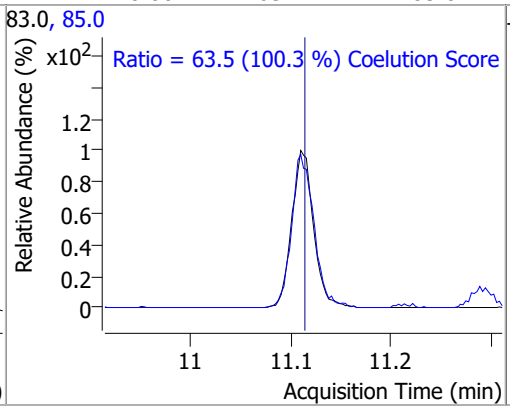


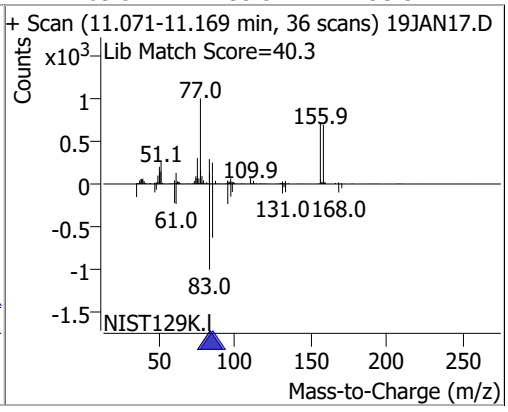




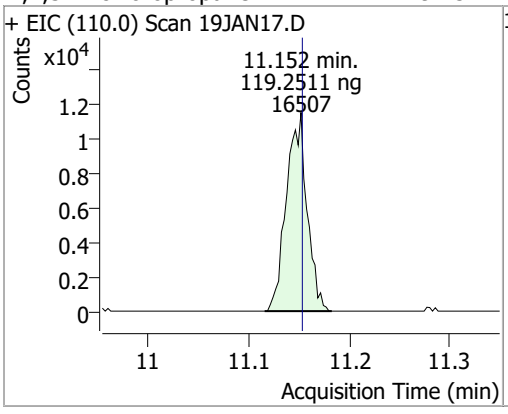
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	123.7103	11.11	0.00	65177	85.0	63.5	33.3	93.3

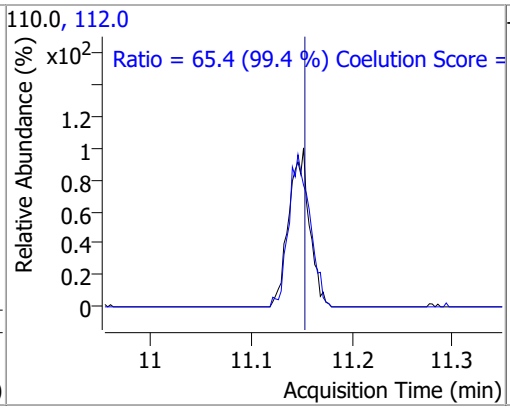


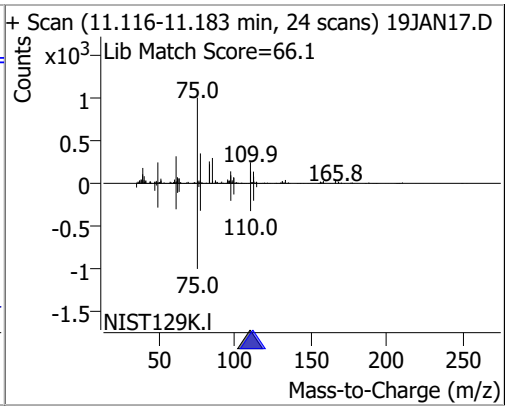




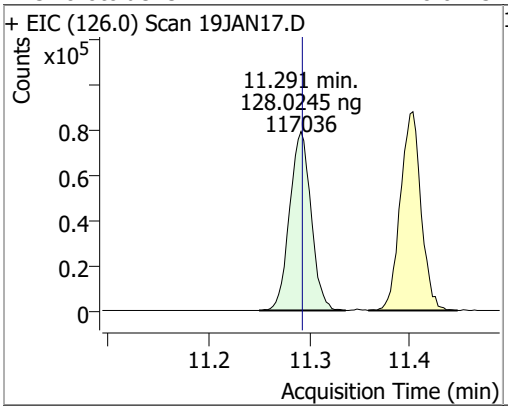
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	119.2511	11.15	0.00	16507	112.0	65.4	35.8	95.8

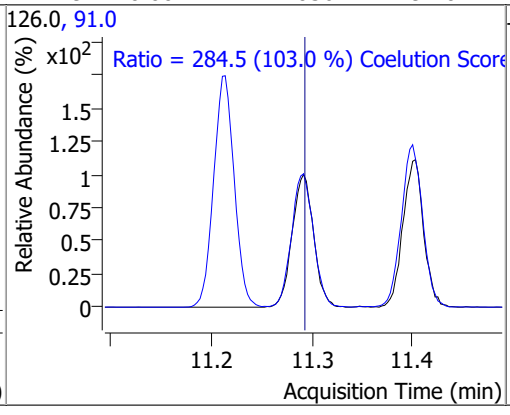


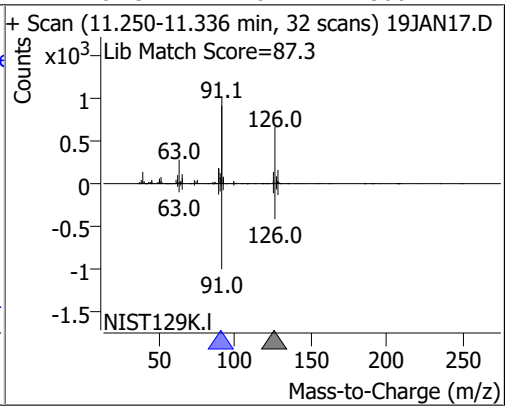




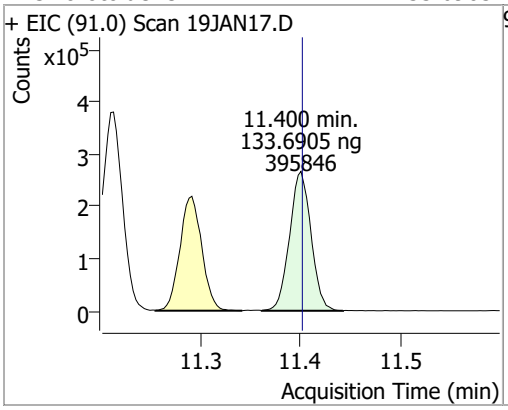
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	128.0245	11.29	0.00	117036	91.0	284.5	246.2	306.2

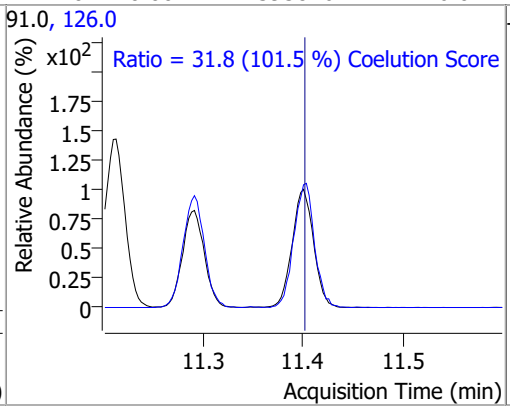


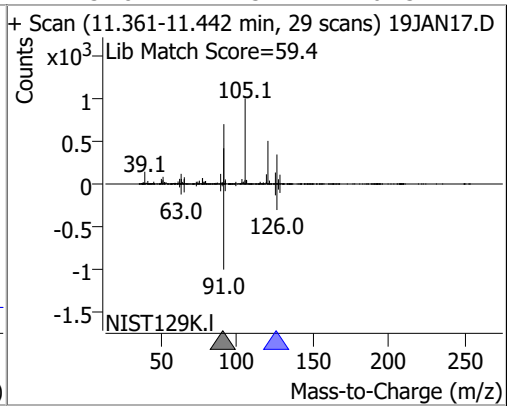




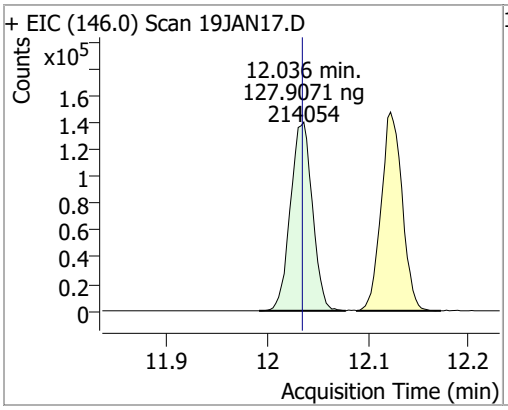
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	133.6905	11.40	0.00	395846	126.0	31.8	1.3	61.3

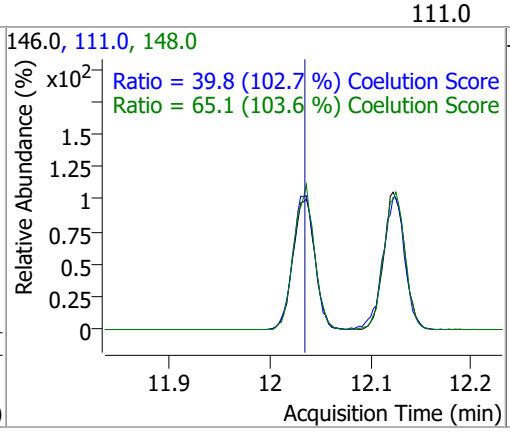


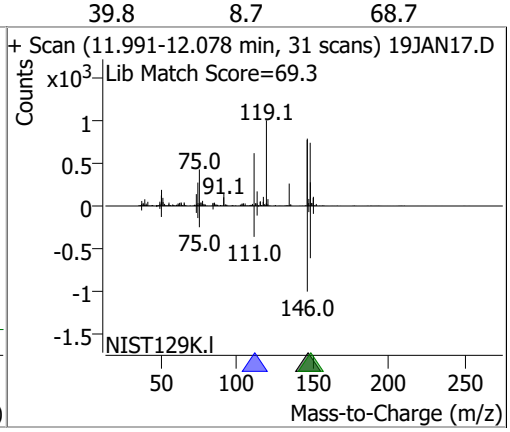




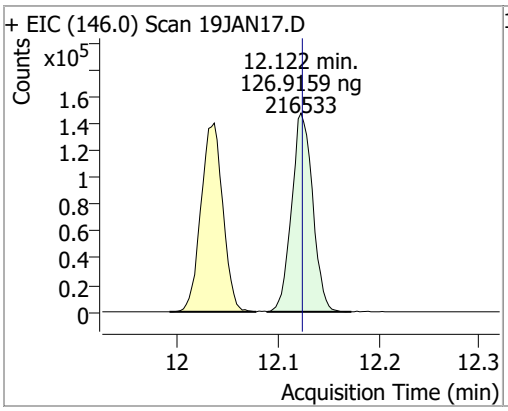
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	127.9071	12.04	0.00	214054	148.0	65.1	32.8	92.8
					111.0	39.8	8.7	68.7

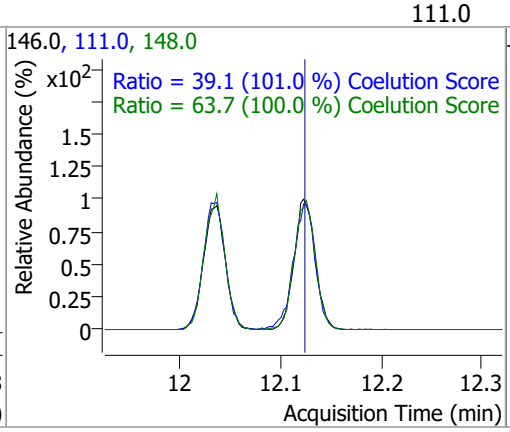


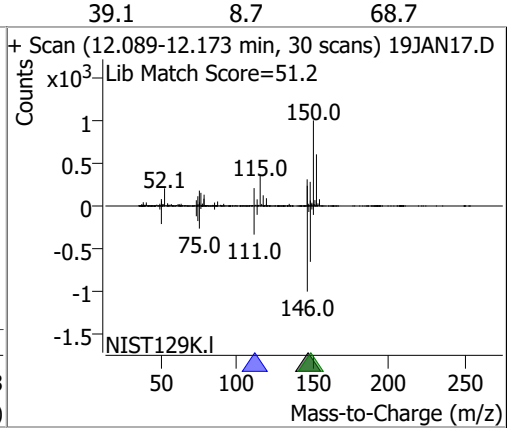




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	126.9159	12.12	0.00	216533	148.0	63.7	33.7	93.7
					111.0	39.1	8.7	68.7

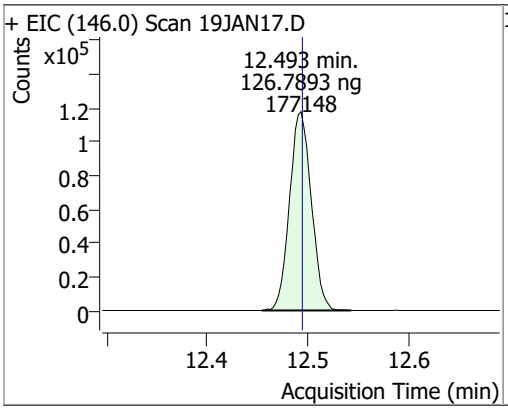


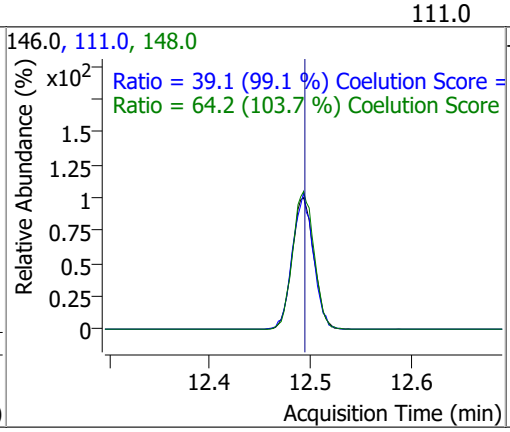


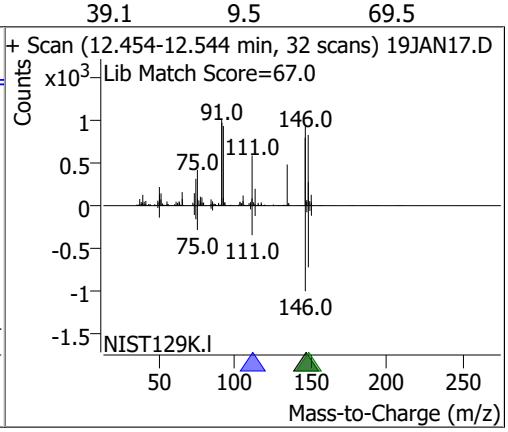


Quantitation Results Report (QT Reviewed)

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			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 10:30:30 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN03.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 10:30:34 AM	Set SampleType = Blank for sample 19JAN03.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 10:30:37 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 11:32:13 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN04.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 11:32:17 AM	Set SampleType = Calibration for sample 19JAN04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 11:32:21 AM	Set LevelName = 1 for sample 19JAN04.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 11:32:25 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 11:33:15 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN05.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 11:33:19 AM	Set SampleType = Calibration for sample 19JAN05.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 11:33:22 AM	Set LevelName = 2 for sample 19JAN05.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 11:33:26 AM	Quantitate all compounds in all samples			✓	
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			✓	
CmdOpenBatchTable	BL2000\mchavez	1/19/2022 12:10:11 PM	Open batch D:\Org\Data\VOA5975C\VG011922\VG011922_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 12:10:51 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN06.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 12:10:56 PM	Set SampleType = Calibration for sample 19JAN06.D; previous value = Sample			✓	
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
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 1:17:31 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN08.D, D:\Org\Data\VOA5975C\VG011922\19JAN07.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:17:36 PM	Set SampleType = Calibration for sample 19JAN07.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:17:39 PM	Set LevelName = 4 for sample 19JAN07.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 1:17:48 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/19/2022 1:21:29 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG011922\19JAN09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:21:35 PM	Set SampleType = Calibration for sample 19JAN09.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:21:38 PM	Set LevelName = 5 for sample 19JAN09.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/19/2022 1:21:46 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/19/2022 1:24:19 PM	Set SampleApproved = True for sample 19JAN09.D; previous value = False			✓	
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			✓	
CmdManuallyIntegrate QualifierPeak	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			✓	
CmdManuallyIntegrate QualifierPeak	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			✓	
CmdManuallyIntegrate QualifierPeak	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			✓	
CmdManuallyIntegrate QualifierPeak	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.			✓	
CmdManuallyIntegrate DropBaseline	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.			✓	
CmdManuallyIntegrate QualifierPeak	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			✓	
CmdManuallyIntegrate QualifierPeak	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			✓	
CmdManuallyIntegrate QualifierPeak	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			✓	

Audit Trail report

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

11-Mar-22

Run ID VOA5975C.I_220121A

Run Start Date: 1/21/2022
Analyst: Melissa Chavez
Ical:
Column ID:
Comments:

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3529B	2nd Source MtBE	1.05	ul	42	ml	LCS, MS, M	1/29/2022
VOCF3546B	Liquids	1.05	ul	42	ml	CCV	2/13/2022
VOCF3558B	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	2/27/2022
VOCF3559A	MtBE	1.05	ul	42	ml	CCV	1/27/2022
VOCF3563	Internals	8.4	ul	42	ml	ALL (TUNE	7/3/2022
VOCF3567A	2nd Source Ketones	1.05	ul	42	ml	LCS, MS, M	2/12/2022
VOCF3569	Ketones	1.05	ul	42	ml	CCV	2/17/2022
VOCF3570A	Gases	1.05	ul	42	ml	CCV	1/25/2022
VOCF3571A	2nd Source Gases	1.05	ul	42	ml	LCS, MS, M	1/26/2022
VOCF3573	Calibration Surrogates	2.1	ul	42	ml	ALL (TUNE	7/19/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998191	21JAN02_D_TU	VOC-8260-BFB	TUNE	)A5975C\VG012	1/21/2022 9:41:0	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	1.7	1.7		100	0	0	0	0	0	2%	0	2	0%	
174, % of mass 95	A	%	92	92		100	0	0	0	0	0	92%	50	99.99	0%	
175, % of mass 174	A	%	7	7		100	0	0	0	0	0	7%	5	9	0%	
176, % of mass 174	A	%	96.2	96.2		100	0	0	0	0	0	96%	95	101	0%	
177, % of mass 176	A	%	5.8	5.8		100	0	0	0	0	0	6%	5	9	0%	
50, % of mass 95	A	%	20.6	20.6		100	0	0	0	0	0	21%	15	40	0%	
75, % of mass 95	A	%	48.5	48.5		100	0	0	0	0	0	49%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.2	6.2		100	0	0	0	0	0	6%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998192	CCV012122_	VOC-8260-W-Q	CCV	)A5975C\VG012	1/21/2022 10:17:	1	R373695		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	123.11723	4.9246892		5	0	0	0.101	0.5	500	98%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	124.01032	4.9604128		5	0	0	0.131	0.5	500	99%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	125.18332	5.0073328		5	0	0	0.0872	0.5	500	100%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	128.35095	5.134038		5	0	0	0.108	0.5	500	103%	80	120	0%	
1,1-Dichloroethane	A	ug/L	125.08124	5.0032496		5	0	0	0.135	0.5	500	100%	80	120	0%	
1,1-Dichloroethene	A	ug/L	123.70401	4.9481604		5	0	0	0.141	0.5	500	99%	80	120	0%	
1,1-Dichloropropene	A	ug/L	126.66175	5.06647		5	0	0	0.083	0.5	500	101%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	123.22304	4.9289216		5	0	0	0.235	0.5	500	99%	80	120	0%	
1,2-Dibromoethane	A	ug/L	125.31056	5.0124224		5	0	0	0.0916	0.5	500	100%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	122.6729	4.906916		5	0	0	0.0746	0.5	500	98%	80	120	0%	
1,2-Dichloroethane	A	ug/L	123.10223	4.9240892		5	0	0	0.116	0.5	500	98%	80	120	0%	
1,2-Dichloropropane	A	ug/L	126.36463	5.0545852		5	0	0	0.0847	0.5	500	101%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	121.86484	4.8745936		5	0	0	0.0803	0.5	500	97%	80	120	0%	
1,3-Dichloropropane	A	ug/L	125.5721	5.022884		5	0	0	0.0791	0.5	500	100%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	122.58611	4.9034444		5	0	0	0.0858	0.5	500	98%	80	120	0%	
2,2-Dichloropropane	A	ug/L	128.79796	5.1519184		5	0	0	0.186	0.5	500	103%	80	120	0%	
2-Chlorotoluene	A	ug/L	123.98025	4.95921		5	0	0	0.0876	0.5	500	99%	80	120	0%	
4-Chlorotoluene	A	ug/L	126.26197	5.0504788		5	0	0	0.0728	0.5	500	101%	80	120	0%	
Benzene	A	ug/L	127.81662	5.1126648		5	0	0	0.0914	0.5	500	102%	80	120	0%	
Bromobenzene	A	ug/L	127.06443	5.0825772		5	0	0	0.0831	0.5	500	102%	80	120	0%	
Bromochloromethane	A	ug/L	125.41176	5.0164704		5	0	0	0.141	0.5	500	100%	80	120	0%	
Bromodichloromethane	A	ug/L	122.86879	4.9147516		5	0	0	0.12	0.5	500	98%	80	120	0%	
Bromoform	A	ug/L	123.73146	4.9492584		5	0	0	0.119	0.5	500	99%	80	120	0%	
Carbon tetrachloride	A	ug/L	124.60861	4.9843444		5	0	0	0.143	0.5	500	100%	80	120	0%	
Chlorobenzene	A	ug/L	124.67197	4.9868788		5	0	0	0.0914	0.5	500	100%	80	120	0%	
Chlorodibromomethane	A	ug/L	123.47367	4.9389468		5	0	0	0.0841	0.5	500	99%	80	120	0%	
Chloroethane	A	ug/L	143.1593	5.726372		5	0	0	0.169	0.5	500	115%	80	120	0%	
Chloroform	A	ug/L	119.42359	4.7769436		5	0	0	0.0789	0.5	500	96%	80	120	0%	
Chloromethane	A	ug/L	123.2442	4.929768		5	0	0	0.162	0.5	500	99%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	126.99875	5.07995		5	0	0	0.108	0.5	500	102%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	125.46026	5.0184104		5	0	0	0.073	0.5	500	100%	80	120	0%	
Dibromomethane	A	ug/L	125.93704	5.0374816		5	0	0	0.147	0.5	500	101%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	117.53489	4.7013956		5	0	0	0.175	0.5	500	94%	80	120	0%	
Ethylbenzene	A	ug/L	121.32776	4.8531104		5	0	0	0.0836	0.5	500	97%	80	120	0%	
m+p-Xylenes	A	ug/L	250.30645	10.012258		10	0	0	0.15	0.5	1000	100%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998192	CCV012122_	VOC-8260-W-Q	CCV	)A5975C\VG012	1/21/2022 10:17:	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Methyl ethyl ketone	A	ug/L	1193.03156	47.7212624		50	0	0	1.77	10	5000	95%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	123.08198	4.9232792		5	0	0	0.101	0.5	500	98%	80	120	0%	
Methylene chloride	A	ug/L	121.42174	4.8568696		5	0	0	0.338	0.5	500	97%	80	120	0%	
o-Xylene	A	ug/L	122.39614	4.8958456		5	0	0	0.0604	0.5	500	98%	80	120	0%	
Styrene	A	ug/L	124.26191	4.9704764		5	0	0	0.067	0.5	500	99%	80	120	0%	
Tetrachloroethene	A	ug/L	118.78192	4.7512768		5	0	0	0.0671	0.5	500	95%	80	120	0%	
Toluene	A	ug/L	128.04855	5.121942		5	0	0	0.0679	0.5	500	102%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	122.34956	4.8939824		5	0	0	0.125	0.5	500	98%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	129.66067	5.1864268		5	0	0	0.0846	0.5	500	104%	80	120	0%	
Trichloroethene	A	ug/L	124.41988	4.9767952		5	0	0	0.0993	0.5	500	100%	80	120	0%	
Trichlorofluoromethane	A	ug/L	119.53215	4.781286		5	0	0	0.134	0.5	500	96%	80	120	0%	
Vinyl chloride	A	ug/L	120.7504	4.830016		5	0	0	0.153	0.5	500	97%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	372.70259	14.9081036		15	0	0	0.0604	0.5	1500	99%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	271.25032	10.8500128		10	0	0	0.229	0.5	500	109%	80	120	0%	
Dibromofluoromethane	S	ug/L	256.01291	10.2405164		10	0	0	0.129	0.5	500	102%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	249.52583	9.9810332		10	0	0	0.149	0.5	500	100%	80	120	0%	
Toluene-d8	S	ug/L	258.69656	10.3478624		10	0	0	0.23	0.5	500	103%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998193	LCS012122_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG012	1/21/2022 10:53:	1	R373695		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	122.76452	4.9105808		5	0	0	0.101	0.5	500	98%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	124.08091	4.9632364		5	0	0	0.131	0.5	500	99%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	123.85362	4.9541448		5	0	0	0.0872	0.5	500	99%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	127.82531	5.1130124		5	0	0	0.108	0.5	500	102%	80	119	0%	
1,1-Dichloroethane	A	ug/L	129.60808	5.1843232		5	0	0	0.135	0.5	500	104%	77	125	0%	
1,1-Dichloroethene	A	ug/L	128.2832	5.131328		5	0	0	0.141	0.5	500	103%	71	131	0%	
1,1-Dichloropropene	A	ug/L	121.44304	4.8577216		5	0	0	0.083	0.5	500	97%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	126.81935	5.072774		5	0	0	0.235	0.5	500	101%	73	125	0%	
1,2-Dibromoethane	A	ug/L	124.83154	4.9932616		5	0	0	0.0916	0.5	500	100%	78	122	0%	
1,2-Dichlorobenzene	A	ug/L	129.34583	5.1738332		5	0	0	0.0746	0.5	500	103%	80	119	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14998193	LCS012122_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG012	1/21/2022 10:53:	1	R373695		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane	A	ug/L	120.89796	4.8359184		5	0	0	0.116	0.5	500	97%	73	128	0%	
1,2-Dichloropropane	A	ug/L	125.27662	5.0110648		5	0	0	0.0847	0.5	500	100%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	132.5522	5.302088		5	0	0	0.0803	0.5	500	106%	80	119	0%	
1,3-Dichloropropane	A	ug/L	122.22546	4.8890184		5	0	0	0.0791	0.5	500	98%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	129.03579	5.1614316		5	0	0	0.0858	0.5	500	103%	79	118	0%	
2,2-Dichloropropane	A	ug/L	125.94094	5.0376376		5	0	0	0.186	0.5	500	101%	60	139	0%	
2-Chlorotoluene	A	ug/L	130.80324	5.2321296		5	0	0	0.0876	0.5	500	105%	79	122	0%	
4-Chlorotoluene	A	ug/L	134.17571	5.3670284		5	0	0	0.0728	0.5	500	107%	78	122	0%	
Benzene	A	ug/L	126.70408	5.0681632		5	0	0	0.0914	0.5	500	101%	79	120	0%	
Bromobenzene	A	ug/L	131.31496	5.2525984		5	0	0	0.0831	0.5	500	105%	80	120	0%	
Bromochloromethane	A	ug/L	121.90061	4.8760244		5	0	0	0.141	0.5	500	98%	78	123	0%	
Bromodichloromethane	A	ug/L	124.03859	4.9615436		5	0	0	0.12	0.5	500	99%	79	125	0%	
Bromoform	A	ug/L	124.57086	4.9828344		5	0	0	0.119	0.5	500	100%	66	130	0%	
Carbon tetrachloride	A	ug/L	125.26141	5.0104564		5	0	0	0.143	0.5	500	100%	72	136	0%	
Chlorobenzene	A	ug/L	130.13819	5.2055276		5	0	0	0.0914	0.5	500	104%	82	118	0%	
Chlorodibromomethane	A	ug/L	121.86771	4.8747084		5	0	0	0.0841	0.5	500	97%	74	126	0%	
Chloroethane	A	ug/L	137.82996	5.5131984		5	0	0	0.169	0.5	500	110%	60	138	0%	
Chloroform	A	ug/L	118.604	4.74416		5	0	0	0.0789	0.5	500	95%	79	124	0%	
Chloromethane	A	ug/L	113.44159	4.5376636		5	0	0	0.162	0.5	500	91%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	129.68813	5.1875252		5	0	0	0.108	0.5	500	104%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	119.36951	4.7747804		5	0	0	0.073	0.5	500	95%	75	124	0%	
Dibromomethane	A	ug/L	123.58608	4.9434432		5	0	0	0.147	0.5	500	99%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	108.97489	4.3589956		5	0	0	0.175	0.5	500	87%	32	152	0%	
Ethylbenzene	A	ug/L	125.12083	5.0048332		5	0	0	0.0836	0.5	500	100%	79	121	0%	
m+p-Xylenes	A	ug/L	247.65028	9.9060112		10	0	0	0.15	0.5	1000	99%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1220.65603	48.8262412		50	0	0	1.77	10	5000	98%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	127.58153	5.1032612		5	0	0	0.101	0.5	500	102%	71	124	0%	
Methylene chloride	A	ug/L	120.58966	4.8235864		5	0	0	0.338	0.5	500	96%	74	124	0%	
o-Xylene	A	ug/L	126.31518	5.0526072		5	0	0	0.0604	0.5	500	101%	78	122	0%	
Styrene	A	ug/L	128.03217	5.1212868		5	0	0	0.067	0.5	500	102%	78	123	0%	
Tetrachloroethene	A	ug/L	123.68908	4.9475632		5	0	0	0.0671	0.5	500	99%	74	129	0%	
Toluene	A	ug/L	128.0704	5.122816		5	0	0	0.0679	0.5	500	102%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	126.74378	5.0697512		5	0	0	0.125	0.5	500	101%	75	124	0%	
trans-1,3-Dichloropropene	A	ug/L	130.42223	5.2168892		5	0	0	0.0846	0.5	500	104%	73	127	0%	
Trichloroethene	A	ug/L	124.46265	4.978506		5	0	0	0.0993	0.5	500	100%	79	123	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998193	LCS012122_	VOC-8260-W-Q	LCS-DOD	)A5975C\VG012	1/21/2022 10:53:	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Trichlorofluoromethane	A	ug/L	111.92129	4.4768516		5	0	0	0.134	0.5	500	90%	65	141	0%	
Vinyl chloride	A	ug/L	119.0594	4.762376		5	0	0	0.153	0.5	500	95%	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	373.96546	14.9586184		15	0	0	0.0604	0.5	1500	100%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	271.40137	10.8560548		10	0	0	0.229	0.5	500	109%	81	118	0%	
Dibromofluoromethane	S	ug/L	269.27466	10.7709864		10	0	0	0.129	0.5	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	257.48558	10.2994232		10	0	0	0.149	0.5	500	103%	85	114	0%	
Toluene-d8	S	ug/L	269.69997	10.7879988		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
14998194	MBLK012122_	VOC-8260-W-Q	MBLK	)A5975C\VG012	1/21/2022 11:47:	1	R373695		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%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998194	MBLK012122_	VOC-8260-W-Q	MBLK	)A5975C\VG012	1/21/2022 11:47:	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
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%	
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	0.5	500	0%	0	0	0%	
Chloroethane	A	ug/L	0	0		0	0	0	0.169	0.5	500	0%	0	0	0%	
Chloroform	A	ug/L	0	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	
Chloromethane	A	ug/L	0	0		0	0	0	0.162	0.5	500	0%	0	0	0%	
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	0.5	500	0%	0	0	0%	
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	0.5	500	0%	0	0	0%	
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	0.5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	0	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	1.59025	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	280.86407	11.2345628		10	0	0	0.229	0.5	500	112%	81	118	0%	
Dibromofluoromethane	S	ug/L	272.36491	10.8945964		10	0	0	0.129	0.5	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	260.27518	10.4110072		10	0	0	0.149	0.5	500	104%	85	114	0%	
Toluene-d8	S	ug/L	260.44737	10.4178948		10	0	0	0.23	0.5	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
14998195	B22011125-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 12:31:	1	R373695		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	0.05702	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	0.06861	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.42786	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	0.72916	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
14998195	B22011125-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 12:31:	1	R373695		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	1.96992	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	2.15539	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.81251	0.0725004		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0.16837	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	1.96992	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	286.91886	11.4767544		10	0	0	0.229	1	500	115%	81	118	0%	
Dibromofluoromethane	S	ug/L	276.19802	11.0479208		10	0	0	0.129	1	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	277.4831	11.099324		10	0	0	0.149	1	500	111%	85	114	0%	
Toluene-d8	S	ug/L	265.72027	10.6288108		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
14998196	B22011125-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 12:58:	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998196	B22011125-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 12:58:	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.41956	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	0.41583	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998196	B22011125-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 12:58:	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	276.67313	11.0669252		10	0	0	0.229	1	500	111%	81	118	0%	
Dibromofluoromethane	S	ug/L	268.87409	10.7549636		10	0	0	0.129	1	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	264.66963	10.5867852		10	0	0	0.149	1	500	106%	85	114	0%	
Toluene-d8	S	ug/L	263.48069	10.5392276		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
14998197	B22011126-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 1:25:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998197	B22011126-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 1:25:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	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	0.23579	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	1.90845	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	0.48984	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	0.91387	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	0.75398	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	285.50961	11.4203844		10	0	0	0.229	1	500	114%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998197	B22011126-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 1:25:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	274.58483	10.9833932		10	0	0	0.129	1	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	261.63363	10.4653452		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	252.18727	10.0874908		10	0	0	0.23	1	500	101%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998198	B22011127-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 1:53:0	1	R373695		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
14998198	B22011127-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 1:53:0	1	R373695		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	2.78522	0.1114088		0	0	0	0.0789	1	500	0%	0	0	0%	J
Chloromethane	A	ug/L	1.48642	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	0.70371	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	280.22205	11.208882		10	0	0	0.229	1	500	112%	81	118	0%	
Dibromofluoromethane	S	ug/L	272.49196	10.8996784		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.7389	10.549556		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	257.23993	10.2895972		10	0	0	0.23	1	500	103%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998199	B22011128-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 2:20:2	1	R373695		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
14998199	B22011128-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 2:20:2	1	R373695		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	0.61963	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	2.01498	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	51.81078	2.0724312		0	0	0	0.0789	1	500	0%	0	0	0%	
Chloromethane	A	ug/L	1.50287	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
14998199	B22011128-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 2:20:2	1	R373695		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	0.93569	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	0.6379	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	276.99861	11.0799444		10	0	0	0.229	1	500	111%	81	118	0%	
Dibromofluoromethane	S	ug/L	272.06344	10.8825376		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	268.64605	10.745842		10	0	0	0.149	1	500	107%	85	114	0%	
Toluene-d8	S	ug/L	259.62927	10.3851708		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
14998200	B22011129-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 2:47:3	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998200	B22011129-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 2:47:3	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	2.37592	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	0.50916	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	0.53193	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%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998200	B22011129-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 2:47:3	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	282.68936	11.3075744		10	0	0	0.229	1	500	113%	81	118	0%	
Dibromofluoromethane	S	ug/L	264.43767	10.5775068		10	0	0	0.129	1	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	262.6492	10.505968		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	253.17817	10.1271268		10	0	0	0.23	1	500	101%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998201	B22011130-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 3:14:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998201	B22011130-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 3:14:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	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	0.49744	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	290.16376	11.6065504		10	0	0	0.229	1	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
14998201	B22011130-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 3:14:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	272.22053	10.8888212		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	261.42748	10.4570992		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	258.14226	10.3256904		10	0	0	0.23	1	500	103%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998202	B22011131-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 3:42:1	1	R373695		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
14998202	B22011131-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 3:42:1	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.3049	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	0.212	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	0.39605	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	262.55759	10.5023036		10	0	0	0.229	1	500	105%	81	118	0%	
Dibromofluoromethane	S	ug/L	253.98724	10.1594896		10	0	0	0.129	1	500	102%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	252.34935	10.093974		10	0	0	0.149	1	500	101%	85	114	0%	
Toluene-d8	S	ug/L	241.18211	9.6472844		10	0	0	0.23	1	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998203	B22011132-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 4:09:2	1	R373695		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
14998203	B22011132-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 4:09:2	1	R373695		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	0.19831	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.55691	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
14998203	B22011132-001	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 4:09:2	1	R373695		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	0.55568	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	275.34126	11.0136504		10	0	0	0.229	1	500	110%	81	118	0%	
Dibromofluoromethane	S	ug/L	267.99451	10.7197804		10	0	0	0.129	1	500	107%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	262.00168	10.4800672		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	260.73995	10.429598		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
14998204	B22011126-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:04:0	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14998204	B22011126-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:04:0	1	R373695		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.17405	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	2.03788	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	0.97988	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998204	B22011126-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:04:0	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	277.9764	11.119056		10	0	0	0.229	1	500	111%	81	118	0%	
Dibromofluoromethane	S	ug/L	268.85545	10.754218		10	0	0	0.129	1	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	264.57792	10.5831168		10	0	0	0.149	1	500	106%	85	114	0%	
Toluene-d8	S	ug/L	258.95391	10.3581564		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
14998205	B22011127-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:31:2	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998205	B22011127-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:31:2	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	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	0.05615	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.30941	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	1.90445	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.53525	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	268.38628	10.7354512		10	0	0	0.229	1	500	107%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998205	B22011127-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:31:2	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	276.5294	11.061176		10	0	0	0.129	1	500	111%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.26344	10.8505376		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	262.61829	10.5047316		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
14998206	B22011128-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:58:4	1	R373695		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
14998206	B22011128-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 5:58:4	1	R373695		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	0.2857	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	1.27542	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.80927	0.0723708		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	274.30171	10.9720684		10	0	0	0.229	1	500	110%	81	118	0%	
Dibromofluoromethane	S	ug/L	268.55288	10.7421152		10	0	0	0.129	1	500	107%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	261.33796	10.4535184		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	255.35113	10.2140452		10	0	0	0.23	1	500	102%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998207	B22011129-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 6:26:0	1	R373695		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
14998207	B22011129-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 6:26:0	1	R373695		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	0.0465	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	0.24806	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.43022	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
14998207	B22011129-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 6:26:0	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.94176	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	6.03942	0.2415768		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	272.50013	10.9000052		10	0	0	0.229	1	500	109%	81	118	0%	
Dibromofluoromethane	S	ug/L	265.76676	10.6306704		10	0	0	0.129	1	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	259.93316	10.3973264		10	0	0	0.149	1	500	104%	85	114	0%	
Toluene-d8	S	ug/L	255.85287	10.2341148		10	0	0	0.23	1	500	102%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998208	B22011130-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 6:53:3	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14998208	B22011130-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 6:53:3	1	R373695		0	0					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.27155	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	1.69895	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.38956	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998208	B22011130-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 6:53:3	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	277.24535	11.089814		10	0	0	0.229	1	500	111%	81	118	0%	
Dibromofluoromethane	S	ug/L	272.63314	10.9053256		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.00229	10.8400916		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	262.56422	10.5025688		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
14998209	B22011131-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 7:20:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998209	B22011131-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 7:20:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	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	2.58053	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.42016	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	273.49323	10.9397292		10	0	0	0.229	1	500	109%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998209	B22011131-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 7:20:5	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	273.28323	10.9313292		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	254.38226	10.1752904		10	0	0	0.149	1	500	102%	85	114	0%	
Toluene-d8	S	ug/L	251.08572	10.0434288		10	0	0	0.23	1	500	100%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998210	B22011132-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 7:48:1	1	R373695		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
14998210	B22011132-002	VOC-8260-W-S	SAMP	)A5975C\VG012	1/21/2022 7:48:1	1	R373695		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	0.29121	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	1.68478	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.20364	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	273.62808	10.9451232		10	0	0	0.229	1	500	109%	81	118	0%	
Dibromofluoromethane	S	ug/L	265.32781	10.6131124		10	0	0	0.129	1	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	262.17266	10.4869064		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	262.8062	10.512248		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
14998211	B22011125-001	VOC-8260-W-Q	SAMP	)A5975C\VG012	1/21/2022 12:58:	1	R373695		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
14998211	B22011125-001	VOC-8260-W-Q	SAMP	)A5975C\VG012	1/21/2022 12:58:	1	R373695		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	0.41956	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
14998211	B22011125-001	VOC-8260-W-Q	SAMP	)A5975C\VG012	1/21/2022 12:58:	1	R373695		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	0.41583	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	276.67313	11.0669252		10	0	0	0.229	0.5	500	111%	81	118	0%	
Dibromofluoromethane	S	ug/L	268.87409	10.7549636		10	0	0	0.129	0.5	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	264.66963	10.5867852		10	0	0	0.149	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	263.48069	10.5392276		10	0	0	0.23	0.5	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
14998212	B22011125-001	VOC-8260-W-Q	MS-DOD	)A5975C\VG012	1/21/2022 8:15:3	1	R373695		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	130.85351	5.2341404		5	0	0	0.101	0.5	500	105%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	130.55463	5.2221852		5	0	0	0.131	0.5	500	104%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	131.75878	5.2703512		5	0	0	0.0872	0.5	500	105%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	128.95126	5.1580504		5	0	0	0.108	0.5	500	103%	80	119	0%	
1,1-Dichloroethane	A	ug/L	134.80262	5.3921048		5	0	0	0.135	0.5	500	108%	77	125	0%	
1,1-Dichloroethene	A	ug/L	133.73276	5.3493104		5	0	0	0.141	0.5	500	107%	71	131	0%	
1,1-Dichloropropene	A	ug/L	125.7575	5.0303		5	0	0	0.083	0.5	500	101%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	120.70133	4.8280532		5	0	0	0.235	0.5	500	97%	73	125	0%	
1,2-Dibromoethane	A	ug/L	130.67311	5.2269244		5	0	0	0.0916	0.5	500	105%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998212	B22011125-001	VOC-8260-W-Q	MS-DOD	)A5975C\VG012	1/21/2022 8:15:3	1	R373695		1E+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	130.6231	5.224924		5	0	0	0.0746	0.5	500	104%	80	119	0%	
1,2-Dichloroethane	A	ug/L	119.6625	4.7865		5	0	0	0.116	0.5	500	96%	73	128	0%	
1,2-Dichloropropane	A	ug/L	131.2765	5.25106		5	0	0	0.0847	0.5	500	105%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	134.13873	5.3655492		5	0	0	0.0803	0.5	500	107%	80	119	0%	
1,3-Dichloropropane	A	ug/L	124.19669	4.9678676		5	0	0	0.0791	0.5	500	99%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	132.41492	5.2965968		5	0	0	0.0858	0.5	500	106%	79	118	0%	
2,2-Dichloropropane	A	ug/L	127.13055	5.085222		5	0	0	0.186	0.5	500	102%	60	139	0%	
2-Chlorotoluene	A	ug/L	133.97334	5.3589336		5	0	0	0.0876	0.5	500	107%	79	122	0%	
4-Chlorotoluene	A	ug/L	138.25045	5.530018		5	0	0	0.0728	0.5	500	111%	78	122	0%	
Benzene	A	ug/L	129.61649	5.1846596		5	0	0	0.0914	0.5	500	104%	79	120	0%	
Bromobenzene	A	ug/L	132.27477	5.2909908		5	0	0	0.0831	0.5	500	106%	80	120	0%	
Bromochloromethane	A	ug/L	121.0995	4.84398		5	0	0	0.141	0.5	500	97%	78	123	0%	
Bromodichloromethane	A	ug/L	131.87267	5.2749068		5	0	0	0.12	0.5	500	105%	79	125	0%	
Bromoform	A	ug/L	127.77825	5.11113		5	0	0	0.119	0.5	500	102%	66	130	0%	
Carbon tetrachloride	A	ug/L	129.69183	5.1876732		5	0	0	0.143	0.5	500	104%	72	136	0%	
Chlorobenzene	A	ug/L	133.87807	5.3551228		5	0	0	0.0914	0.5	500	107%	82	118	0%	
Chlorodibromomethane	A	ug/L	129.4839	5.179356		5	0	0	0.0841	0.5	500	104%	74	126	0%	
Chloroethane	A	ug/L	140.18192	5.6072768		5	0	0	0.169	0.5	500	112%	60	138	0%	
Chloroform	A	ug/L	121.10215	4.844086		5	0	0	0.0789	0.5	500	97%	79	124	0%	
Chloromethane	A	ug/L	117.31468	4.6925872		5	0	0	0.162	0.5	500	94%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	128.89846	5.1559384		5	0	0	0.108	0.5	500	103%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	123.68404	4.9473616		5	0	0	0.073	0.5	500	99%	75	124	0%	
Dibromomethane	A	ug/L	128.60712	5.1442848		5	0	0	0.147	0.5	500	103%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	114.46754	4.5787016		5	0	0	0.175	0.5	500	92%	32	152	0%	
Ethylbenzene	A	ug/L	132.52883	5.3011532		5	0	0	0.0836	0.5	500	106%	79	121	0%	
m+p-Xylenes	A	ug/L	260.14194	10.4056776		10	0	0	0.15	0.5	1000	104%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1148.24843	45.9299372		50	0	0	1.77	10	5000	92%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	131.06889	5.2427556		5	0	0	0.101	0.5	500	105%	71	124	0%	
Methylene chloride	A	ug/L	123.5813	4.943252		5	0	0	0.338	0.5	500	99%	74	124	0%	
o-Xylene	A	ug/L	131.91305	5.276522		5	0	0	0.0604	0.5	500	106%	78	122	0%	
Styrene	A	ug/L	133.13966	5.3255864		5	0	0	0.067	0.5	500	107%	78	123	0%	
Tetrachloroethene	A	ug/L	132.11799	5.2847196		5	0	0	0.0671	0.5	500	106%	74	129	0%	
Toluene	A	ug/L	135.72994	5.4291976		5	0	0	0.0679	0.5	500	109%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	125.84732	5.0338928		5	0	0	0.125	0.5	500	101%	75	124	0%	
trans-1,3-Dichloropropene	A	ug/L	130.71535	5.228614		5	0	0	0.0846	0.5	500	105%	73	127	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998212	B22011125-001	VOC-8260-W-Q	MS-DOD	)A5975C\VG012	1/21/2022 8:15:3	1	R373695		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Trichloroethene	A	ug/L	132.87383	5.3149532		5	0	0	0.0993	0.5	500	106%	79	123	0%	
Trichlorofluoromethane	A	ug/L	126.81642	5.0726568		5	0	0	0.134	0.5	500	101%	65	141	0%	
Vinyl chloride	A	ug/L	120.70164	4.8280656		5	0	0	0.153	0.5	500	97%	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	392.05499	15.6821996		15	0	0	0.0604	0.5	1500	105%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	248.88511	9.9554044		10	0	0	0.229	0.5	500	100%	81	118	0%	
Dibromofluoromethane	S	ug/L	243.36613	9.7346452		10	0	0	0.129	0.5	500	97%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	240.9805	9.63922		10	0	0	0.149	0.5	500	96%	85	114	0%	
Toluene-d8	S	ug/L	256.02136	10.2408544		10	0	0	0.23	0.5	500	102%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998213	B22011125-001	VOC-8260-W-Q	MSD-DOD	)A5975C\VG012	1/21/2022 8:42:5	1	R373695		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	128.03949	5.1215796		5	0	5.2341404	0.101	0.5	500	102%	78	124	2%	
1,1,1-Trichloroethane	A	ug/L	132.71564	5.3086256		5	0	5.2221852	0.131	0.5	500	106%	74	131	2%	
1,1,2,2-Tetrachloroethane	A	ug/L	133.02164	5.3208656		5	0	5.2703512	0.0872	0.5	500	106%	71	121	1%	
1,1,2-Trichloroethane	A	ug/L	127.77645	5.111058		5	0	5.1580504	0.108	0.5	500	102%	80	119	1%	
1,1-Dichloroethane	A	ug/L	135.28381	5.4113524		5	0	5.3921048	0.135	0.5	500	108%	77	125	0%	
1,1-Dichloroethene	A	ug/L	134.11483	5.3645932		5	0	5.3493104	0.141	0.5	500	107%	71	131	0%	
1,1-Dichloropropene	A	ug/L	129.86233	5.1944932		5	0	5.0303	0.083	0.5	500	104%	79	125	3%	
1,2,3-Trichloropropane	A	ug/L	132.87982	5.3151928		5	0	4.8280532	0.235	0.5	500	106%	73	125	10%	
1,2-Dibromoethane	A	ug/L	126.23541	5.0494164		5	0	5.2269244	0.0916	0.5	500	101%	78	122	3%	
1,2-Dichlorobenzene	A	ug/L	134.47022	5.3788088		5	0	5.224924	0.0746	0.5	500	108%	80	119	3%	
1,2-Dichloroethane	A	ug/L	122.07567	4.8830268		5	0	4.7865	0.116	0.5	500	98%	73	128	2%	
1,2-Dichloropropane	A	ug/L	126.8808	5.075232		5	0	5.25106	0.0847	0.5	500	102%	78	122	3%	
1,3-Dichlorobenzene	A	ug/L	137.31013	5.4924052		5	0	5.3655492	0.0803	0.5	500	110%	80	119	2%	
1,3-Dichloropropane	A	ug/L	122.68527	4.9074108		5	0	4.9678676	0.0791	0.5	500	98%	80	119	1%	
1,4-Dichlorobenzene	A	ug/L	133.62566	5.3450264		5	0	5.2965968	0.0858	0.5	500	107%	79	118	1%	
2,2-Dichloropropane	A	ug/L	126.56397	5.0625588		5	0	5.085222	0.186	0.5	500	101%	60	139	0%	
2-Chlorotoluene	A	ug/L	137.8179	5.512716		5	0	5.3589336	0.0876	0.5	500	110%	79	122	3%	
4-Chlorotoluene	A	ug/L	140.12068	5.6048272		5	0	5.530018	0.0728	0.5	500	112%	78	122	1%	
Benzene	A	ug/L	133.41732	5.3366928		5	0	5.1846596	0.0914	0.5	500	107%	79	120	3%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998213	B22011125-001	VOC-8260-W-Q	MSD-DOD	)A5975C\VG012	1/21/2022 8:42:5	1	R373695		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Bromobenzene	A	ug/L	134.69012	5.3876048		5	0	5.2909908	0.0831	0.5	500	108%	80	120	2%	
Bromochloromethane	A	ug/L	127.80626	5.1122504		5	0	4.84398	0.141	0.5	500	102%	78	123	5%	
Bromodichloromethane	A	ug/L	132.14686	5.2858744		5	0	5.2749068	0.12	0.5	500	106%	79	125	0%	
Bromoform	A	ug/L	125.67957	5.0271828		5	0	5.11113	0.119	0.5	500	101%	66	130	2%	
Carbon tetrachloride	A	ug/L	134.55185	5.382074		5	0	5.1876732	0.143	0.5	500	108%	72	136	4%	
Chlorobenzene	A	ug/L	134.71656	5.3886624		5	0	5.3551228	0.0914	0.5	500	108%	82	118	1%	
Chlorodibromomethane	A	ug/L	127.88004	5.1152016		5	0	5.179356	0.0841	0.5	500	102%	74	126	1%	
Chloroethane	A	ug/L	134.17636	5.3670544		5	0	5.6072768	0.169	0.5	500	107%	60	138	4%	
Chloroform	A	ug/L	120.21126	4.8084504		5	0	4.844086	0.0789	0.5	500	96%	79	124	1%	
Chloromethane	A	ug/L	119.78129	4.7912516		5	0	4.6925872	0.162	0.5	500	96%	50	139	2%	
cis-1,2-Dichloroethene	A	ug/L	130.9324	5.237296		5	0	5.1559384	0.108	0.5	500	105%	78	123	2%	
cis-1,3-Dichloropropene	A	ug/L	116.78638	4.6714552		5	0	4.9473616	0.073	0.5	500	93%	75	124	6%	
Dibromomethane	A	ug/L	128.67798	5.1471192		5	0	5.1442848	0.147	0.5	500	103%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	118.38184	4.7352736		5	0	4.5787016	0.175	0.5	500	95%	32	152	3%	
Ethylbenzene	A	ug/L	131.71566	5.2686264		5	0	5.3011532	0.0836	0.5	500	105%	79	121	1%	
m+p-Xylenes	A	ug/L	260.03473	10.4013892		10	0	10.405678	0.15	0.5	1000	104%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1280.29017	51.2116068		50	0	45.929937	1.77	10	5000	102%	56	143	11%	
Methyl tert-butyl ether (MTBE)	A	ug/L	128.46327	5.1385308		5	0	5.2427556	0.101	0.5	500	103%	71	124	2%	
Methylene chloride	A	ug/L	124.2421	4.969684		5	0	4.943252	0.338	0.5	500	99%	74	124	1%	
o-Xylene	A	ug/L	131.87993	5.2751972		5	0	5.276522	0.0604	0.5	500	106%	78	122	0%	
Styrene	A	ug/L	132.12861	5.2851444		5	0	5.3255864	0.067	0.5	500	106%	78	123	1%	
Tetrachloroethene	A	ug/L	133.45513	5.3382052		5	0	5.2847196	0.0671	0.5	500	107%	74	129	1%	
Toluene	A	ug/L	135.16156	5.4064624		5	0	5.4291976	0.0679	0.5	500	108%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	132.9792	5.319168		5	0	5.0338928	0.125	0.5	500	106%	75	124	6%	
trans-1,3-Dichloropropene	A	ug/L	129.41349	5.1765396		5	0	5.228614	0.0846	0.5	500	104%	73	127	1%	
Trichloroethene	A	ug/L	132.14565	5.285826		5	0	5.3149532	0.0993	0.5	500	106%	79	123	1%	
Trichlorofluoromethane	A	ug/L	126.22296	5.0489184		5	0	5.0726568	0.134	0.5	500	101%	65	141	0%	
Vinyl chloride	A	ug/L	129.04589	5.1618356		5	0	4.8280656	0.153	0.5	500	103%	58	137	7%	
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	391.91466	15.6765864		15	0	15.6822	0.0604	0.5	1500	105%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	262.1864	10.487456		10	0	0	0.229	0.5	500	105%	81	118	0%	
Dibromofluoromethane	S	ug/L	256.86274	10.2745096		10	0	0	0.129	0.5	500	103%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	259.3704	10.374816		10	0	0	0.149	0.5	500	104%	85	114	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998213	B22011125-001	VOC-8260-W-Q	MSD-DOD	)A5975C\VG012	1/21/2022 8:42:5	1	R373695		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Toluene-d8	S	ug/L	265.23017	10.6092068		10	0	0	0.23	0.5	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
14998214	CCV012122_Cl	VOC-8260-W-Q	CCV	)A5975C\VG012	1/21/2022 9:37:3	1	R373695		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	131.96434	5.2785736		5	0	0	0.101	0.5	500	106%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	132.97171	5.3188684		5	0	0	0.131	0.5	500	106%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	127.18503	5.0874012		5	0	0	0.0872	0.5	500	102%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	125.92833	5.0371332		5	0	0	0.108	0.5	500	101%	50	150	0%	
1,1-Dichloroethane	A	ug/L	132.09694	5.2838776		5	0	0	0.135	0.5	500	106%	50	150	0%	
1,1-Dichloroethene	A	ug/L	129.78254	5.1913016		5	0	0	0.141	0.5	500	104%	50	150	0%	
1,1-Dichloropropene	A	ug/L	135.30357	5.4121428		5	0	0	0.083	0.5	500	108%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	124.7155	4.98862		5	0	0	0.235	0.5	500	100%	50	150	0%	
1,2-Dibromoethane	A	ug/L	127.97787	5.1191148		5	0	0	0.0916	0.5	500	102%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	132.33999	5.2935996		5	0	0	0.0746	0.5	500	106%	50	150	0%	
1,2-Dichloroethane	A	ug/L	122.73055	4.909222		5	0	0	0.116	0.5	500	98%	50	150	0%	
1,2-Dichloropropane	A	ug/L	131.61437	5.2645748		5	0	0	0.0847	0.5	500	105%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	131.07046	5.2428184		5	0	0	0.0803	0.5	500	105%	50	150	0%	
1,3-Dichloropropane	A	ug/L	131.96931	5.2787724		5	0	0	0.0791	0.5	500	106%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	132.42374	5.2969496		5	0	0	0.0858	0.5	500	106%	50	150	0%	
2,2-Dichloropropane	A	ug/L	124.20987	4.9683948		5	0	0	0.186	0.5	500	99%	50	150	0%	
2-Chlorotoluene	A	ug/L	134.84408	5.3937632		5	0	0	0.0876	0.5	500	108%	50	150	0%	
4-Chlorotoluene	A	ug/L	137.23516	5.4894064		5	0	0	0.0728	0.5	500	110%	50	150	0%	
Benzene	A	ug/L	132.75061	5.3100244		5	0	0	0.0914	0.5	500	106%	50	150	0%	
Bromobenzene	A	ug/L	132.0584	5.282336		5	0	0	0.0831	0.5	500	106%	50	150	0%	
Bromochloromethane	A	ug/L	132.99505	5.319802		5	0	0	0.141	0.5	500	106%	50	150	0%	
Bromodichloromethane	A	ug/L	132.78658	5.3114632		5	0	0	0.12	0.5	500	106%	50	150	0%	
Bromoform	A	ug/L	126.75806	5.0703224		5	0	0	0.119	0.5	500	101%	50	150	0%	
Carbon tetrachloride	A	ug/L	135.45729	5.4182916		5	0	0	0.143	0.5	500	108%	50	150	0%	
Chlorobenzene	A	ug/L	133.99467	5.3597868		5	0	0	0.0914	0.5	500	107%	50	150	0%	
Chlorodibromomethane	A	ug/L	129.59085	5.183634		5	0	0	0.0841	0.5	500	104%	50	150	0%	
Chloroethane	A	ug/L	106.40062	4.2560248		5	0	0	0.169	0.5	500	85%	50	150	0%	
Chloroform	A	ug/L	126.98545	5.079418		5	0	0	0.0789	0.5	500	102%	50	150	0%	
Chloromethane	A	ug/L	118.9901	4.759604		5	0	0	0.162	0.5	500	95%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14998214	CCV012122_Cl	VOC-8260-W-Q	CCV	)A5975C\VG012	1/21/2022 9:37:3	1	R373695		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
cis-1,2-Dichloroethene	A	ug/L	129.36914	5.1747656		5	0	0	0.108	0.5	500	103%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	127.74655	5.109862		5	0	0	0.073	0.5	500	102%	50	150	0%	
Dibromomethane	A	ug/L	130.12451	5.2049804		5	0	0	0.147	0.5	500	104%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	121.64159	4.8656636		5	0	0	0.175	0.5	500	97%	50	150	0%	
Ethylbenzene	A	ug/L	133.53979	5.3415916		5	0	0	0.0836	0.5	500	107%	50	150	0%	
m+p-Xylenes	A	ug/L	263.70181	10.5480724		10	0	0	0.15	0.5	1000	105%	50	150	0%	
Methyl ethyl ketone	A	ug/L	1220.74841	48.8299364		50	0	0	1.77	10	5000	98%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	116.87067	4.6748268		5	0	0	0.101	0.5	500	93%	50	150	0%	
Methylene chloride	A	ug/L	125.90587	5.0362348		5	0	0	0.338	0.5	500	101%	50	150	0%	
o-Xylene	A	ug/L	135.10128	5.4040512		5	0	0	0.0604	0.5	500	108%	50	150	0%	
Styrene	A	ug/L	134.4419	5.377676		5	0	0	0.067	0.5	500	108%	50	150	0%	
Tetrachloroethene	A	ug/L	134.26707	5.3706828		5	0	0	0.0671	0.5	500	107%	50	150	0%	
Toluene	A	ug/L	136.95995	5.478398		5	0	0	0.0679	0.5	500	110%	50	150	0%	
trans-1,2-Dichloroethene	A	ug/L	128.52291	5.1409164		5	0	0	0.125	0.5	500	103%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	131.69401	5.2677604		5	0	0	0.0846	0.5	500	105%	50	150	0%	
Trichloroethene	A	ug/L	136.62437	5.4649748		5	0	0	0.0993	0.5	500	109%	50	150	0%	
Trichlorofluoromethane	A	ug/L	126.17722	5.0470888		5	0	0	0.134	0.5	500	101%	50	150	0%	
Vinyl chloride	A	ug/L	122.47801	4.8991204		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%	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	398.80309	15.9521236		15	0	0	0.0604	0.5	1500	106%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	265.06576	10.6026304		10	0	0	0.229	0.5	500	106%	50	150	0%	
Dibromofluoromethane	S	ug/L	258.79406	10.3517624		10	0	0	0.129	0.5	500	104%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	254.22715	10.169086		10	0	0	0.149	0.5	500	102%	50	150	0%	
Toluene-d8	S	ug/L	266.73908	10.6695632		10	0	0	0.23	0.5	500	107%	50	150	0%	

```
Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN01.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 21 Jan 2022   9:14 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\VG012122\21JAN02.D
Sample Name    : BFB012122_
Operator       : MSC
Date injected  : 21 Jan 2022   9:41 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\VG012122\21JAN03.D
Sample Name    : CCV012122_
Operator       : MSC
Date injected  : 21 Jan 2022  10:17 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\VG012122\21JAN04.D
Sample Name    : LCS012122_
Operator       : MSC
Date injected  : 21 Jan 2022  10:53 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\VG012122\21JAN05.D
Sample Name    : BLK
Operator       : MSC
```

```
Date injected  : 21 Jan 2022  11:20 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\VG012122\21JAN06.D
Sample Name    : MBLK012122_
Operator       : MSC
Date injected  : 21 Jan 2022  11:47 am
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 6
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN07.D
Sample Name    : B22011125-002A
Operator       : MSC
Date injected  : 21 Jan 2022  12:31 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\VG012122\21JAN08.D
Sample Name    : B22011125-001F
Operator       : MSC
Date injected  : 21 Jan 2022  12:58 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\VG012122\21JAN09.D
Sample Name    : B22011126-001F
Operator       : MSC
Date injected  : 21 Jan 2022   1:25 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\VG012122\21JAN10.D
Sample Name    : B22011127-001F
Operator       : MSC
Date injected  : 21 Jan 2022   1:53 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\VG012122\21JAN11.D
Sample Name    : B22011128-001F
Operator       : MSC
Date injected  : 21 Jan 2022   2:20 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\VG012122\21JAN12.D
Sample Name    : B22011129-001F
Operator       : MSC
Date injected  : 21 Jan 2022   2:47 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\VG012122\21JAN13.D
Sample Name    : B22011130-001F
Operator       : MSC
Date injected  : 21 Jan 2022   3:14 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\VG012122\21JAN14.D
Sample Name    : B22011131-001F
Operator       : MSC
Date injected  : 21 Jan 2022   3:42 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\VG012122\21JAN15.D
Sample Name    : B22011132-001F
Operator       : MSC
Date injected  : 21 Jan 2022   4:09 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\VG012122\21JAN16.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 21 Jan 2022   4:36 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\VG012122\21JAN17.D
Sample Name    : B22011126-002A
Operator       : MSC
Date injected  : 21 Jan 2022   5:04 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 17
---------------------------------------------------------------
```

```
Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN18.D
Sample Name    : B22011127-002A
Operator       : MSC
Date injected  : 21 Jan 2022   5:31 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 18
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN19.D
Sample Name    : B22011128-002A
Operator       : MSC
Date injected  : 21 Jan 2022   5:58 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\VG012122\21JAN20.D
Sample Name    : B22011129-002A
Operator       : MSC
Date injected  : 21 Jan 2022   6:26 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\VG012122\21JAN21.D
Sample Name    : B22011130-002A
Operator       : MSC
Date injected  : 21 Jan 2022   6:53 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\VG012122\21JAN22.D
Sample Name    : B22011131-002A
Operator       : MSC
```

Date injected : 21 Jan 2022   7:20 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\VG012122\21JAN23.D
Sample Name   : B22011132-002A
Operator   : MSC
Date injected : 21 Jan 2022   7:48 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 23

Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN24.D
Sample Name   : B22011125-001FMS
Operator   : MSC
Date injected : 21 Jan 2022   8:15 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 24

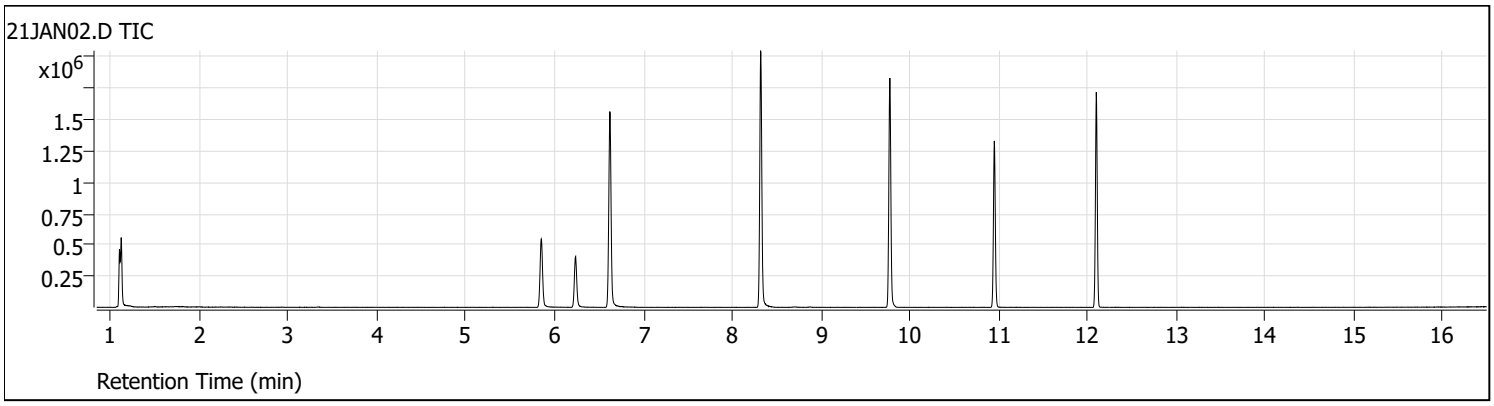
Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN25.D
Sample Name   : B22011125-001FMSD
Operator   : MSC
Date injected : 21 Jan 2022   8:42 pm
Instrument   : VOA5975C
Method used   : 5975CACQF
No of spectra : 5616
Start Time   : 0.840
End Time   : 16.498
Vial Number   : 25

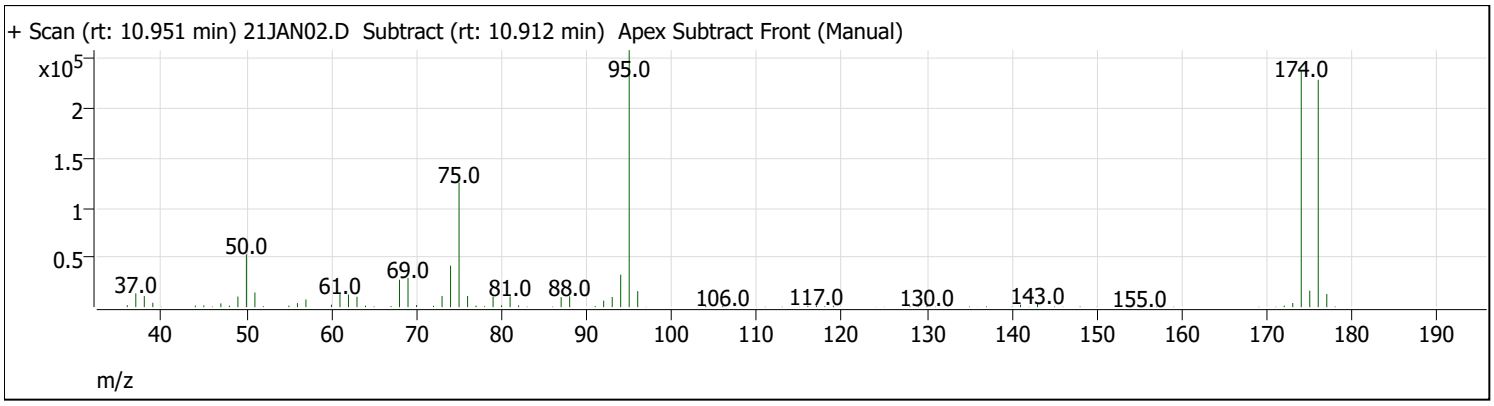
Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN26.D
Sample Name   : BLK
Operator   : MSC
Date injected : 21 Jan 2022   9:10 pm
Instrument   : VOA5975C
Method used   : 5975CACQF

```
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 26
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN27.D
Sample Name    : CCV012122_Closing
Operator       : MSC
Date injected  : 21 Jan 2022   9:37 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 27
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN28.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 21 Jan 2022  10:04 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 28
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG012122\21JAN29.D
Sample Name    : BLK
Operator       : MSC
Date injected  : 21 Jan 2022  10:32 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 29
---------------------------------------------------------------
```

Tune Evaluation Report

Data Path:	D:\Org\Data\VOA5975C\VG012122\21JAN02.D
Acq on:	1/21/2022 9:41:30 AM
Operator:	MSC
Sample:	BFB012122_
Inst Name:	VOA5975C
ALS Vial:	2
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	20.6	53192	Pass
75	95	30	60	48.5	125320	Pass
95	95	100	100	100.0	258432	Pass
96	95	5	9	6.2	16096	Pass
173	174	0	2	1.7	4140	Pass
174	95	50	100	92.0	237760	Pass
175	174	5	9	7.0	16560	Pass
176	174	95	101	96.2	228672	Pass
177	176	5	9	5.8	13192	Pass

Continuing Calibration Report

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Batch Name D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_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\VG01212221JAN03.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	1/21/2022 10:17:33 AM	D:\Org\Data\VOA5975C\VG012122\21JAN03.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	845168	806368	838361	103.97	M
Chlorobenzene-d5	327060	318877	328837	103.12	M
1,4-Dichlorobenzene-d4	269016	262955	280039	106.50	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3362	0.3161	125.00	117.53	5.97	89.30	Avg RF
Chloromethane	0.3958	0.3902	125.00	123.24	1.40	96.11	Avg RF
Vinyl chloride	0.3602	0.3480	125.00	120.75	3.40	94.89	Avg RF
Bromomethane	0.9976	0.1738	125.00	138.15	-10.52	122.40	Quadratic
Chloroethane	0.1704	0.1952	125.00	143.16	-14.53	125.10	Avg RF
Trichlorofluoromethane	0.4320	0.4131	125.00	119.53	4.37	89.45	Avg RF
1,1-Dichloroethene	0.2514	0.2487	125.00	123.70	1.04	98.69	Avg RF
Methylene chloride	0.3654	0.3550	125.00	121.42	2.86	99.23	Avg RF
trans-1,2-Dichloroethene	0.2597	0.2542	125.00	122.35	2.12	96.63	Avg RF
Methyl tert-butyl ether (MTBE)	0.3245	0.3196	125.00	123.08	1.53	97.80	Avg RF
1,1-Dichloroethane	0.4860	0.4863	125.00	125.08	-0.06	99.11	Avg RF
2,2-Dichloropropane	0.3662	0.3774	125.00	128.80	-3.04	103.08	Avg RF
cis-1,2-Dichloroethene	0.2629	0.2671	125.00	127.00	-1.60	99.26	Avg RF
Methyl ethyl ketone	0.0380	0.0363 #	1250.00	1193.03	4.56	98.64	Avg RF
Bromochloromethane	0.1084	0.1088	125.00	125.41	-0.33	99.20	Avg RF
Chloroform	0.4852	0.4636	125.00	119.42	4.46	99.01	Avg RF
1,1,1-Trichloroethane	0.4477	0.4441	125.00	124.01	0.79	98.26	Avg RF
Dibromofluoromethane	0.2421	0.2480	250.00	256.01	-2.41	206.20	Avg RF
Carbon tetrachloride	0.4342	0.4328	125.00	124.61	0.31	98.62	Avg RF
1,1-Dichloropropene	0.3630	0.3679	125.00	126.66	-1.33	98.64	Avg RF
1,2-Dichloroethane-d4	0.1046	0.1135	250.00	271.25	-8.50	209.97	Avg RF
Benzene	0.9987	1.0212	125.00	127.82	-2.25	100.75	Avg RF
1,2-Dichloroethane	0.2758	0.2717	125.00	123.10	1.52	104.43	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.7484	0.7450	125.00	124.42	0.46	101.64	Avg RF
1,2-Dichloropropane	0.6580	0.6652	125.00	126.36	-1.09	102.26	Avg RF
Dibromomethane	0.2774	0.2794	125.00	125.94	-0.75	102.89	Avg RF
Bromodichloromethane	0.7799	0.7666	125.00	122.87	1.70	100.86	Avg RF
cis-1,3-Dichloropropene	0.8559	0.8590	125.00	125.46	-0.37	101.17	Avg RF
Toluene-d8	2.4390	2.5238	250.00	258.70	-3.48	201.05	Avg RF
Toluene	1.6257	1.6654	125.00	128.05	-2.44	101.58	Avg RF
trans-1,3-Dichloropropene	0.6243	0.6476	125.00	129.66	-3.73	103.52	Avg RF
1,1,2-Trichloroethane	0.3174	0.3259	125.00	128.35	-2.68	101.54	Avg RF
Tetrachloroethene	0.6592	0.6265	125.00	118.78	4.97	94.33	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6424	0.6453	125.00	125.57	-0.46	104.65	Avg RF
Chlorodibromomethane	0.5112	0.5050	125.00	123.47	1.22	99.83	Avg RF
1,2-Dibromoethane	0.3506	0.3515	125.00	125.31	-0.25	98.80	Avg RF
Chlorobenzene	1.7822	1.7775	125.00	124.67	0.26	101.01	Avg RF
1,1,1,2-Tetrachloroethane	0.6253	0.6159	125.00	123.12	1.51	99.77	Avg RF
Ethylbenzene	0.9989	3.0113	125.00	121.33	2.94	98.02	Quadratic
m+p-Xylenes	0.9987	1.2390	250.00	250.31	-0.12	100.42	Quadratic
o-Xylene	0.9987	1.0588	125.00	122.40	2.08	97.19	Quadratic
Styrene	0.9983	1.7789	125.00	124.26	0.59	99.92	Quadratic
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3350	0.3316	125.00	123.73	1.01	103.07	Avg RF
p-Bromofluorobenzene	0.9231	0.9213	250.00	249.53	0.19	201.05	Avg RF
Bromobenzene	0.8140	0.8275	125.00	127.06	-1.65	102.77	Avg RF
1,1,2,2-Tetrachloroethane	0.4643	0.4650	125.00	125.18	-0.15	103.94	Avg RF
1,2,3-Trichloropropane	0.1220	0.1203	125.00	123.22	1.42	102.95	Avg RF
2-Chlorotoluene	0.8056	0.7991	125.00	123.98	0.82	98.03	Avg RF
4-Chlorotoluene	2.6094	2.6357	125.00	126.26	-1.01	98.17	Avg RF
1,3-Dichlorobenzene	1.4748	1.4378	125.00	121.86	2.51	100.46	Avg RF
1,4-Dichlorobenzene	1.5036	1.4745	125.00	122.59	1.93	100.28	Avg RF
1,2-Dichlorobenzene	1.2313	1.2084	125.00	122.67	1.86	99.69	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Continuing Calibration Report

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Batch Name D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_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\VG01212221JAN27.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	1/21/2022 9:37:32 PM	D:\Org\Data\VOA5975C\VG012122\21JAN27.D <======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	845168	806368	848373	105.21	M
Chlorobenzene-d5	327060	318877	324669	101.82	M
1,4-Dichlorobenzene-d4	269016	262955	275784	104.88	M

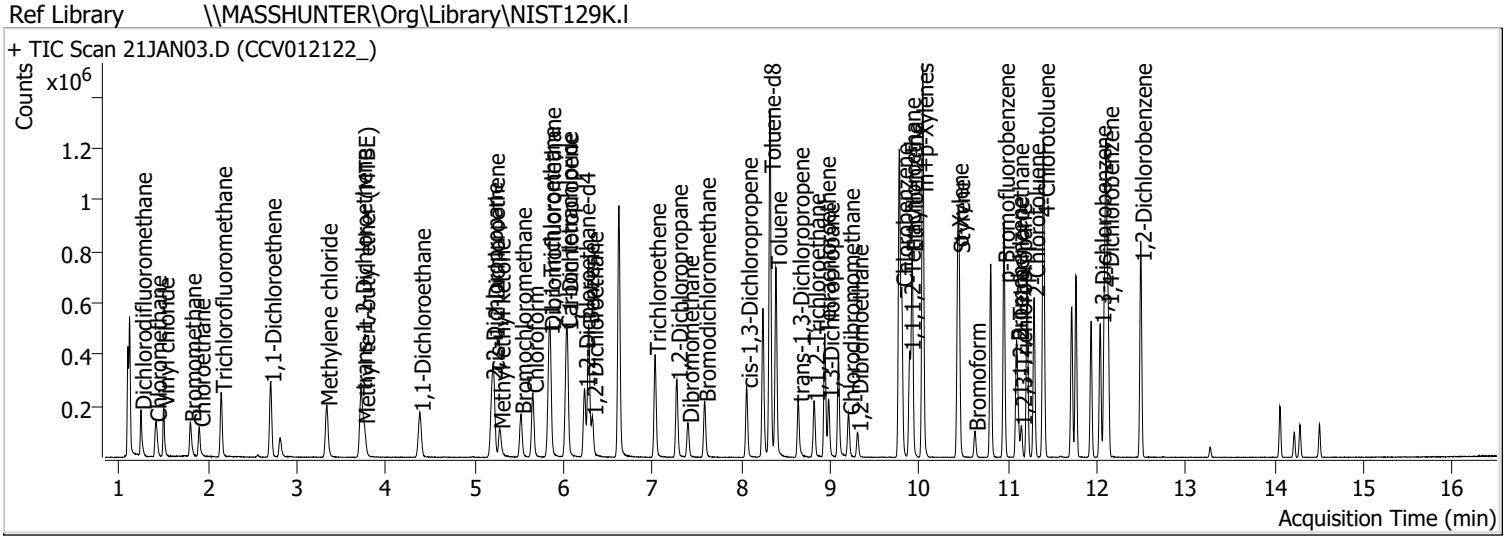
Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3362	0.3271	125.00	121.64	2.69	93.53	Avg RF
Chloromethane	0.3958	0.3767	125.00	118.99	4.81	93.90	Avg RF
Vinyl chloride	0.3602	0.3530	125.00	122.48	2.02	97.39	Avg RF
Bromomethane	0.9976	0.1612	125.00	128.74	-2.99	114.89	Quadratic
Chloroethane	0.1704	0.1451	125.00	106.40	14.88	94.09	Avg RF
Trichlorofluoromethane	0.4320	0.4360	125.00	126.18	-0.94	95.55	Avg RF
1,1-Dichloroethene	0.2514	0.2610	125.00	129.78	-3.83	104.78	Avg RF
Methylene chloride	0.3654	0.3681	125.00	125.91	-0.72	104.12	Avg RF
trans-1,2-Dichloroethene	0.2597	0.2670	125.00	128.52	-2.82	102.72	Avg RF
Methyl tert-butyl ether (MTBE)	0.3245	0.3034	125.00	116.87	6.50	93.97	Avg RF
1,1-Dichloroethane	0.4860	0.5136	125.00	132.10	-5.68	105.92	Avg RF
2,2-Dichloropropane	0.3662	0.3639	125.00	124.21	0.63	100.60	Avg RF
cis-1,2-Dichloroethene	0.2629	0.2721	125.00	129.37	-3.50	102.32	Avg RF
Methyl ethyl ketone	0.0380	0.0371 #	1250.00	1220.75	2.34	102.14	Avg RF
Bromochloromethane	0.1084	0.1153	125.00	133.00	-6.40	106.45	Avg RF
Chloroform	0.4852	0.4929	125.00	126.99	-1.59	106.54	Avg RF
1,1,1-Trichloroethane	0.4477	0.4762	125.00	132.97	-6.38	106.62	Avg RF
Dibromofluoromethane	0.2421	0.2507	250.00	258.79	-3.52	210.92	Avg RF
Carbon tetrachloride	0.4342	0.4705	125.00	135.46	-8.37	108.49	Avg RF
1,1-Dichloropropene	0.3630	0.3930	125.00	135.30	-8.24	106.63	Avg RF
1,2-Dichloroethane-d4	0.1046	0.1109	250.00	265.07	-6.03	207.64	Avg RF
Benzene	0.9987	1.0606	125.00	132.75	-6.20	105.89	Avg RF
1,2-Dichloroethane	0.2758	0.2708	125.00	122.73	1.82	105.36	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.7484	0.8180	125.00	136.62	-9.30	110.19	Avg RF
1,2-Dichloropropane	0.6580	0.6929	125.00	131.61	-5.29	105.16	Avg RF
Dibromomethane	0.2774	0.2887	125.00	130.12	-4.10	104.96	Avg RF
Bromodichloromethane	0.7799	0.8285	125.00	132.79	-6.23	107.61	Avg RF
cis-1,3-Dichloropropene	0.8559	0.8747	125.00	127.75	-2.20	101.71	Avg RF
Toluene-d8	2.4390	2.6023	250.00	266.74	-6.70	204.67	Avg RF
Toluene	1.6257	1.7813	125.00	136.96	-9.57	107.28	Avg RF
trans-1,3-Dichloropropene	0.6243	0.6577	125.00	131.69	-5.36	103.82	Avg RF
1,1,2-Trichloroethane	0.3174	0.3198	125.00	125.93	-0.74	98.36	Avg RF
Tetrachloroethene	0.6592	0.7081	125.00	134.27	-7.41	105.27	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6424	0.6782	125.00	131.97	-5.58	108.59	Avg RF
Chlorodibromomethane	0.5112	0.5300	125.00	129.59	-3.67	103.45	Avg RF
1,2-Dibromoethane	0.3506	0.3590	125.00	127.98	-2.38	99.63	Avg RF
Chlorobenzene	1.7822	1.9104	125.00	133.99	-7.20	107.19	Avg RF
1,1,1,2-Tetrachloroethane	0.6253	0.6601	125.00	131.96	-5.57	105.58	Avg RF
Ethylbenzene	0.9989	3.3270	125.00	133.54	-6.83	106.92	Quadratic
m+p-Xylenes	0.9987	1.3076	250.00	263.70	-5.48	104.64	Quadratic
o-Xylene	0.9987	1.1738	125.00	135.10	-8.08	106.38	Quadratic
Styrene	0.9983	1.9302	125.00	134.44	-7.55	107.04	Quadratic
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3350	0.3397	125.00	126.76	-1.41	103.99	Avg RF
p-Bromofluorobenzene	0.9231	0.9387	250.00	254.23	-1.69	201.72	Avg RF
Bromobenzene	0.8140	0.8600	125.00	132.06	-5.65	105.19	Avg RF
1,1,2,2-Tetrachloroethane	0.4643	0.4724	125.00	127.19	-1.75	104.00	Avg RF
1,2,3-Trichloropropane	0.1220	0.1217	125.00	124.72	0.23	102.62	Avg RF
2-Chlorotoluene	0.8056	0.8691	125.00	134.84	-7.88	105.00	Avg RF
4-Chlorotoluene	2.6094	2.8648	125.00	137.24	-9.79	105.08	Avg RF
1,3-Dichlorobenzene	1.4748	1.5465	125.00	131.07	-4.86	106.41	Avg RF
1,4-Dichlorobenzene	1.5036	1.5929	125.00	132.42	-5.94	106.68	Avg RF
1,2-Dichlorobenzene	1.2313	1.3036	125.00	132.34	-5.87	105.91	Avg RF

A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;

Quantitation Results Report (QT Reviewed)

Data File	21JAN03.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 10:17:33 AM
Sample Name	CCV012122_	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

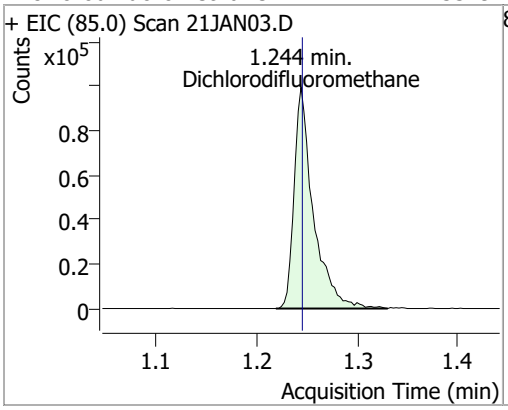


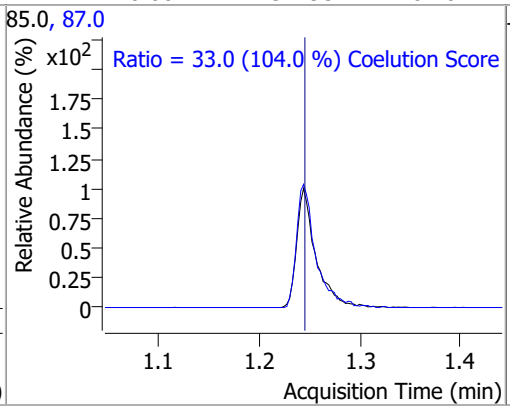
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	838361	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	328837	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	280039	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	207888	256.0129	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 102.41%		
S 1,2-Dichloroethane-d4	6.233	67.0	95147	271.2503	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 108.50%		
S Toluene-d8	8.319	98.0	829930	258.6966	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.48%		
S p-Bromofluorobenzene	10.951	95.0	258002	249.5258	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 99.81%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.244	85.0	132495	117.5349	ng	98
T Chloromethane	1.411	50.0	163567	123.2442	ng	99
T Vinyl chloride	1.498	62.0	145872	120.7504	ng	99
T Bromomethane	1.802	96.0	72850	138.1517	ng	98
T Chloroethane	1.902	64.0	81822	143.1593	ng	98
T Trichlorofluoromethane	2.148	101.0	173156	119.5321	ng	99
T 1,1-Dichloroethene	2.702	96.0	104270	123.7040	ng	99
T Methylene chloride	3.333	49.0	148803	121.4217	ng	100
T trans-1,2-Dichloroethene	3.720	96.0	106537	122.3496	ng	98
T Methyl tert-butyl ether (MTBE)	3.757	73.0	133955	123.0820	ng	100
T 1,1-Dichloroethane	4.381	63.0	203839	125.0812	ng	99
T 2,2-Dichloropropane	5.193	77.0	158180	128.7980	ng	98
T cis-1,2-Dichloroethene	5.212	96.0	111969	126.9987	ng	99
T Methyl ethyl ketone	5.276	43.0	152008	1193.0316	ng	98
T Bromochloromethane	5.519	128.0	45589	125.4118	ng	96
T Chloroform	5.653	83.0	194322	119.4236	ng	100

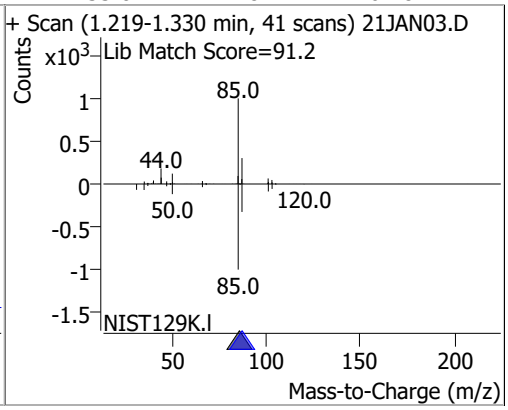
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	186179	124.0103	ng	99
T Carbon tetrachloride	6.029	117.0	181440	124.6086	ng	100
T 1,1-Dichloropropene	6.040	75.0	154202	126.6618	ng	100
T Benzene	6.280	78.0	428072	127.8166	ng	99
T 1,2-Dichloroethane	6.322	62.0	113874	123.1022	ng	97
T Trichloroethene	7.028	95.0	122486	124.4199	ng	97
T 1,2-Dichloropropane	7.270	63.0	109375	126.3646	ng	97
T Dibromomethane	7.399	93.0	45946	125.9370	ng	97
T Bromodichloromethane	7.585	83.0	126051	122.8688	ng	99
T cis-1,3-Dichloropropene	8.059	75.0	141237	125.4603	ng	99
T Toluene	8.389	92.0	273820	128.0486	ng	99
T trans-1,3-Dichloropropene	8.639	75.0	106471	129.6607	ng	100
T 1,1,2-Trichloroethane	8.818	83.0	53592	128.3509	ng	97
T Tetrachloroethene	8.938	163.8	103000	118.7819	ng	99
T 1,3-Dichloropropane	8.980	76.0	106103	125.5721	ng	100
T Chlorodibromomethane	9.206	129.0	83031	123.4737	ng	98
T 1,2-Dibromoethane	9.306	107.0	57788	125.3106	ng	95
T Chlorobenzene	9.802	112.0	292257	124.6720	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	101264	123.1172	ng	99
T Ethylbenzene	9.919	91.0	495114	121.3278	ng	100
T m+p-Xylenes	10.037	106.0	407425	250.3064	ng	98
T o-Xylene	10.430	106.0	174082	122.3961	ng	98
T Styrene	10.449	104.0	292478	124.2619	ng	99
T Bromoform	10.625	172.5	46430	123.7315	ng	99
T Bromobenzene	11.093	156.0	115860	127.0644	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	65107	125.1833	ng	98
T 1,2,3-Trichloropropane	11.146	110.0	16838	123.2230	ng	97
T 2-Chlorotoluene	11.291	126.0	111885	123.9803	ng	99
T 4-Chlorotoluene	11.400	91.0	369055	126.2620	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	201326	121.8648	ng	100
T 1,4-Dichlorobenzene	12.125	146.0	206463	122.5861	ng	98
T 1,2-Dichlorobenzene	12.493	146.0	169198	122.6729	ng	98

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

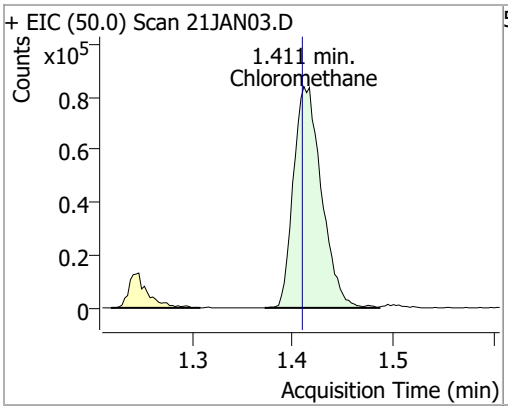
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	117.5349	1.24	0.00	132495	87.0	33.0	1.8	61.8

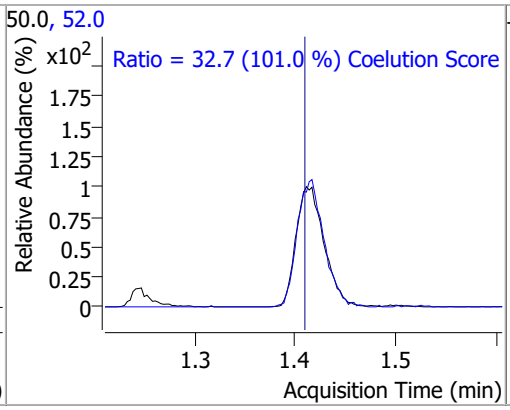


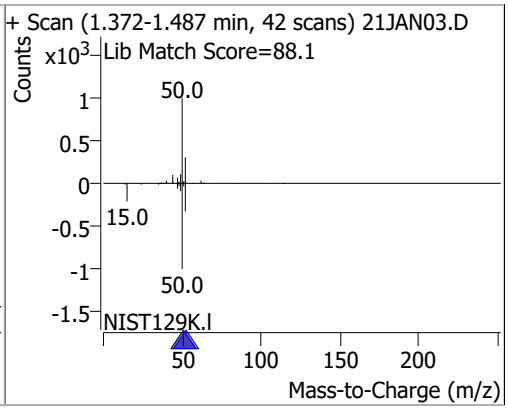




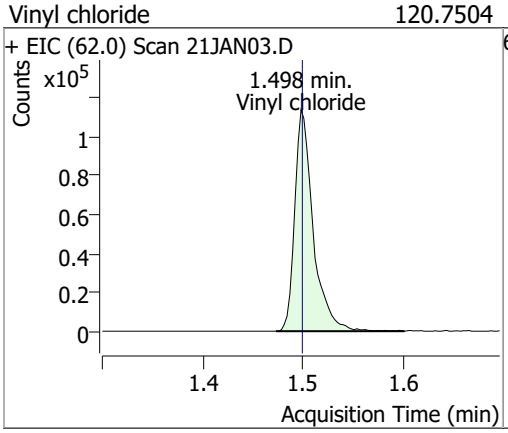
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	123.2442	1.41	0.00	163567	52.0	32.7	2.4	62.4

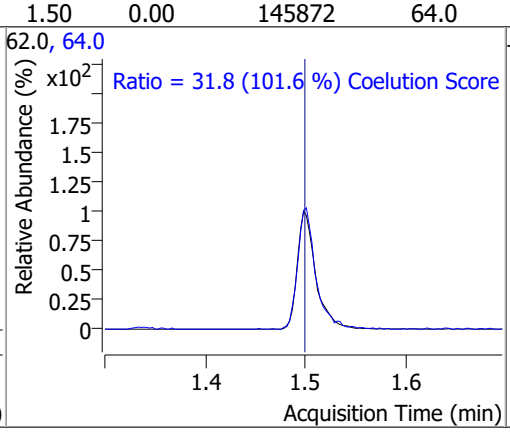


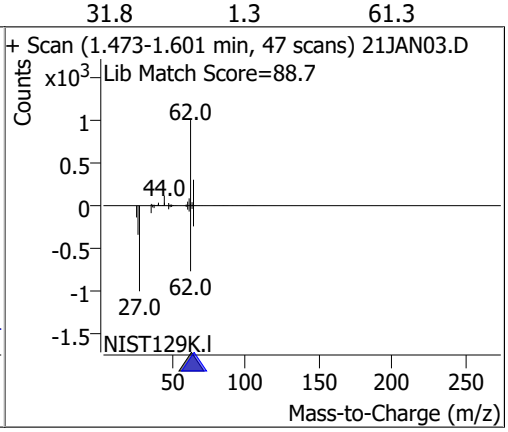




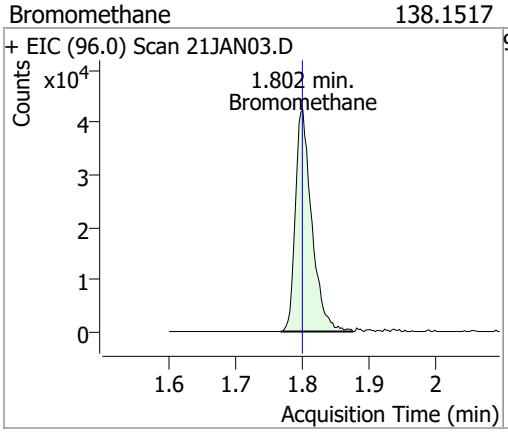
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	120.7504	1.50	0.00	145872	64.0	31.8	1.3	61.3

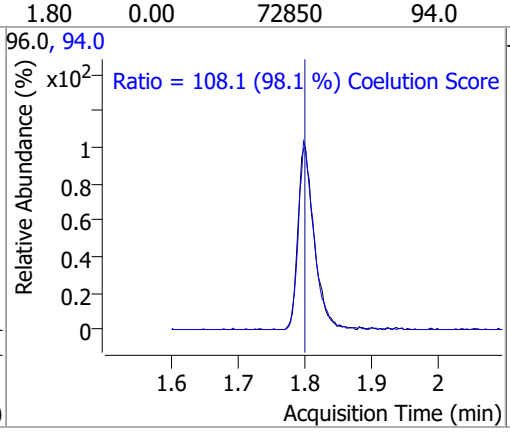


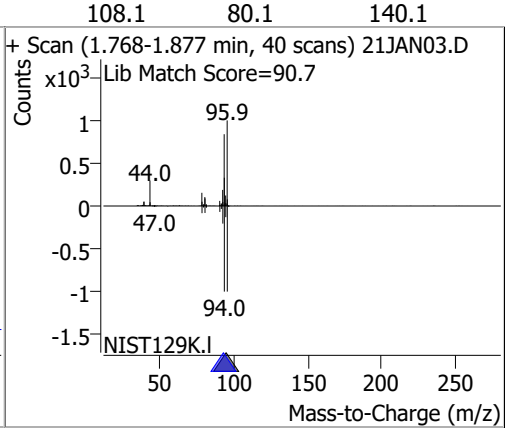




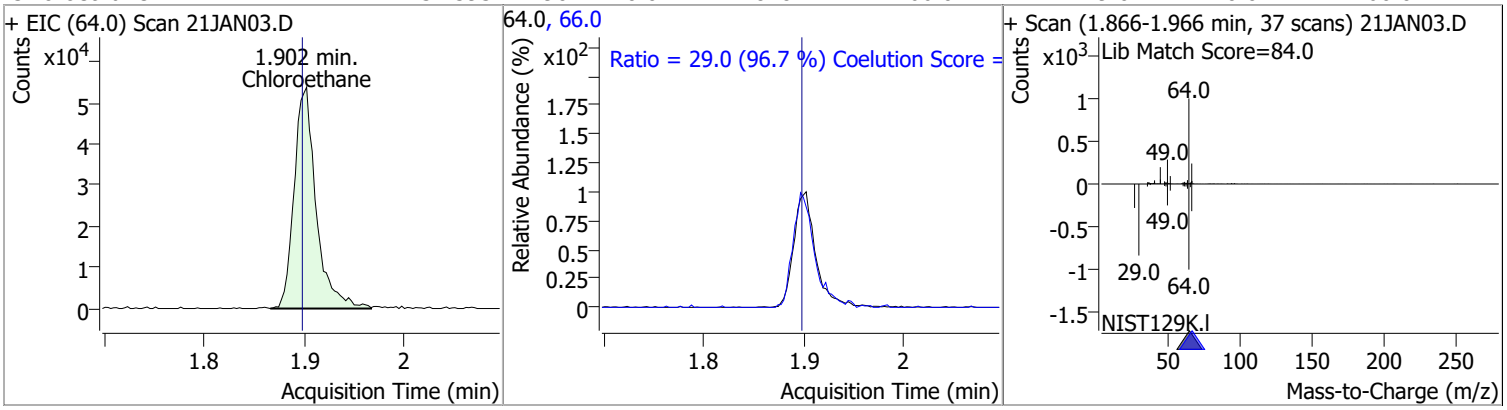
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	138.1517	1.80	0.00	72850	94.0	108.1	80.1	140.1



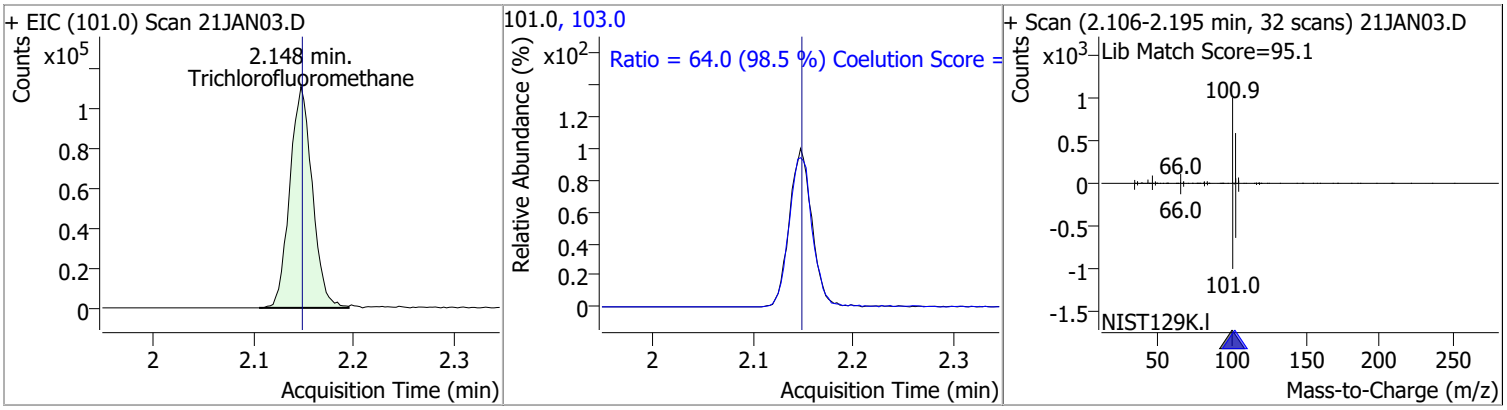




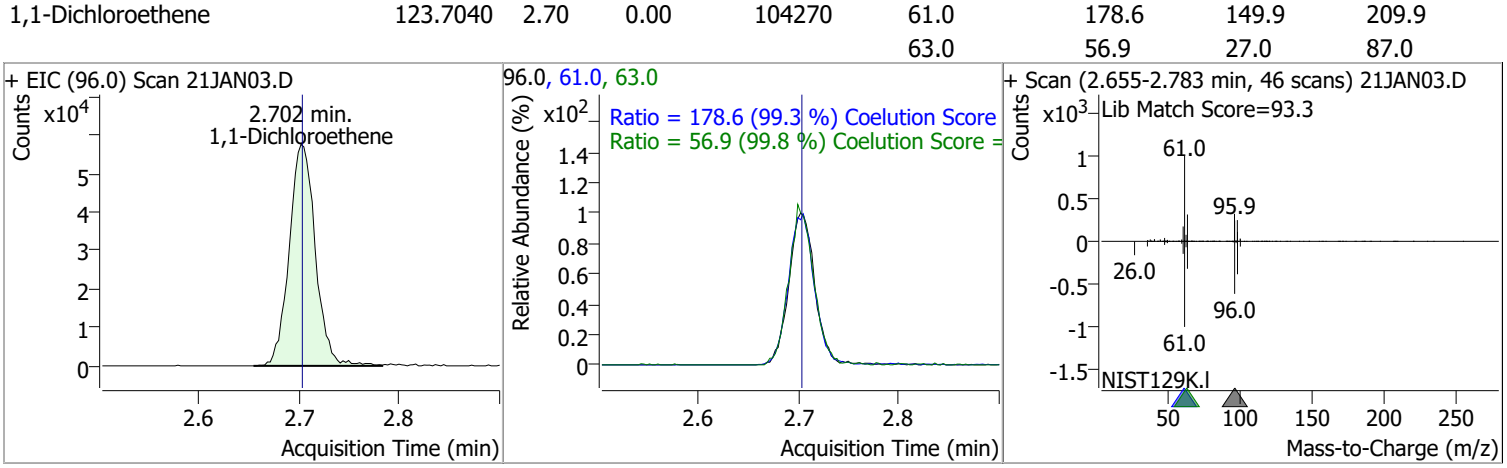
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	143.1593	1.90	0.01	81822	66.0	29.0	0.0	60.0



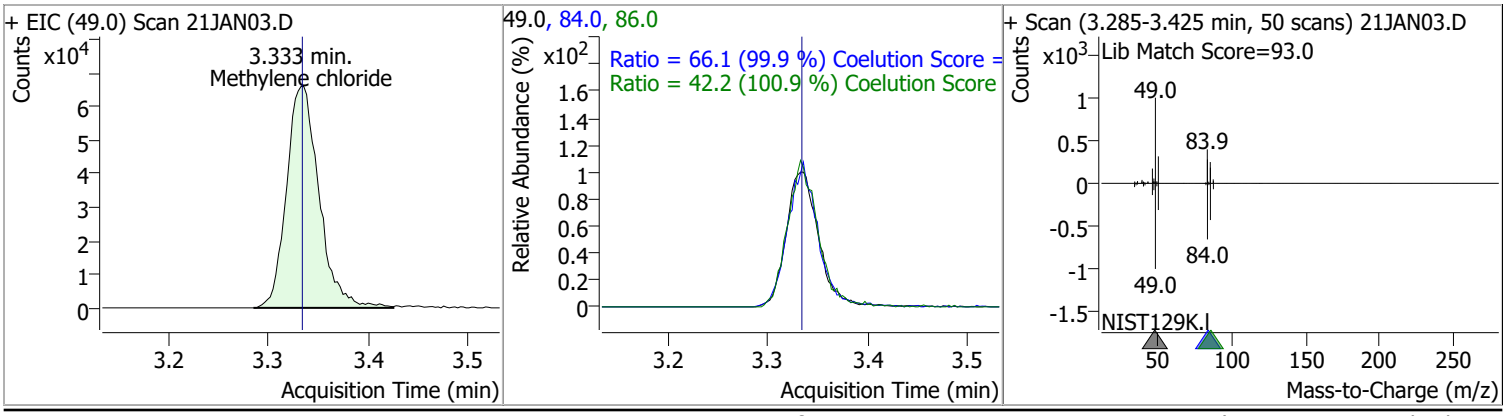
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	119.5321	2.15	0.00	173156	103.0	64.0	35.0	95.0



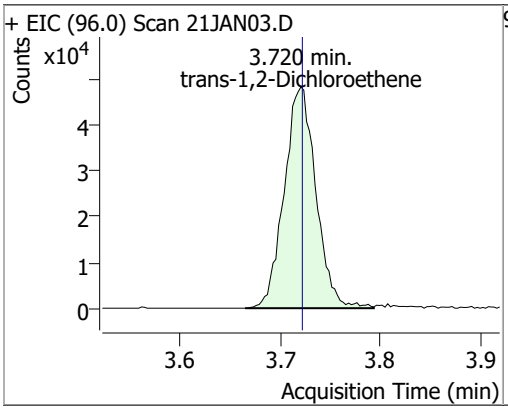
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	123.7040	2.70	0.00	104270	61.0	178.6	149.9	209.9
					63.0	56.9	27.0	87.0

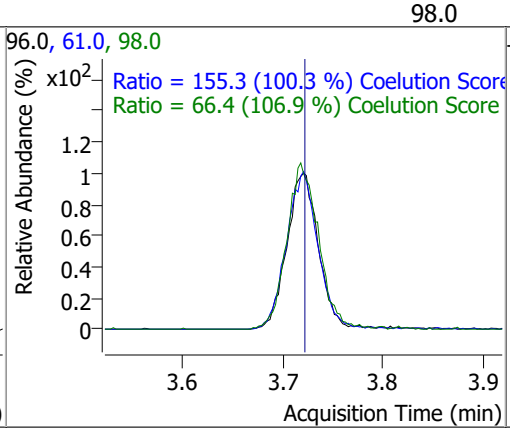


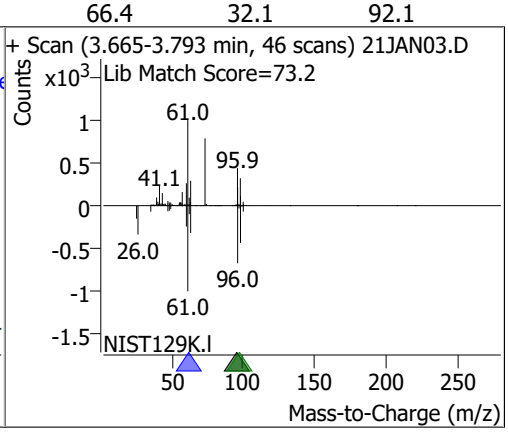
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	121.4217	3.33	0.00	148803	84.0	66.1	36.1	96.1
					86.0	42.2	11.8	71.8



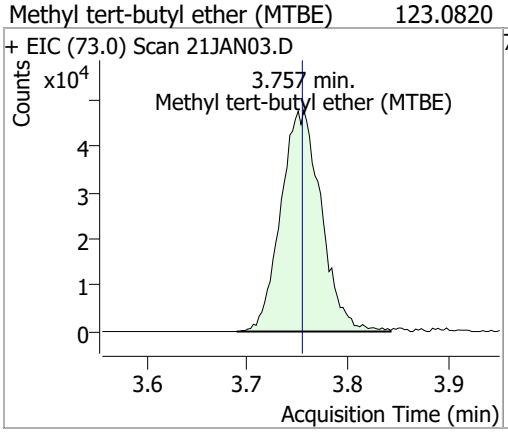
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	122.3496	3.72	0.00	106537	61.0	155.3	124.8	184.8
					98.0	66.4	32.1	92.1

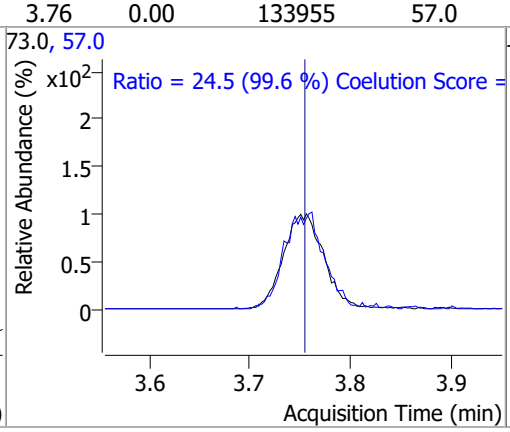


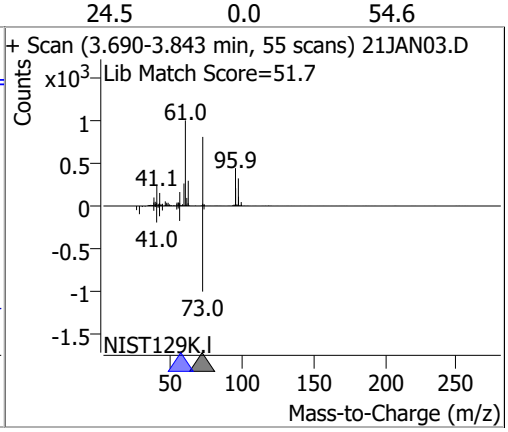




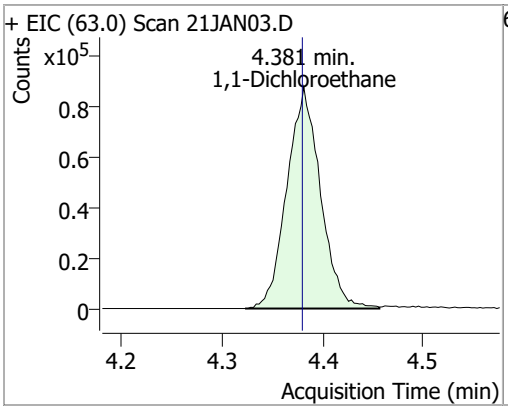
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	123.0820	3.76	0.00	133955	57.0	24.5	0.0	54.6

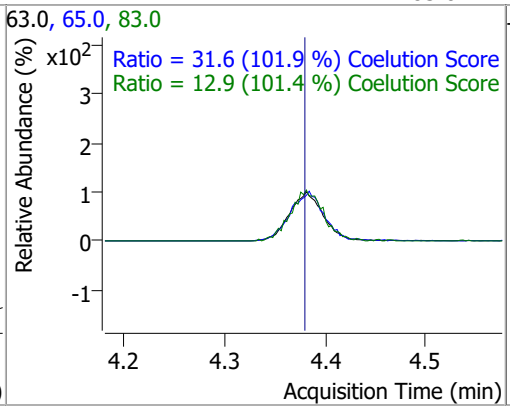


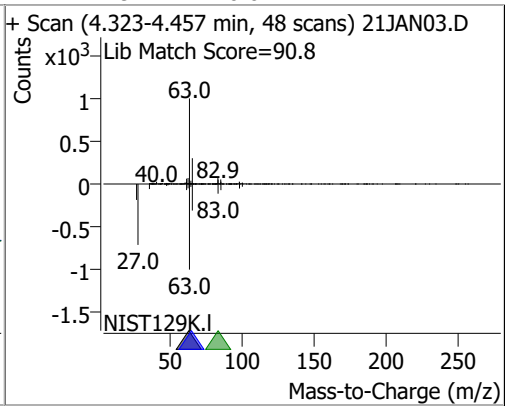




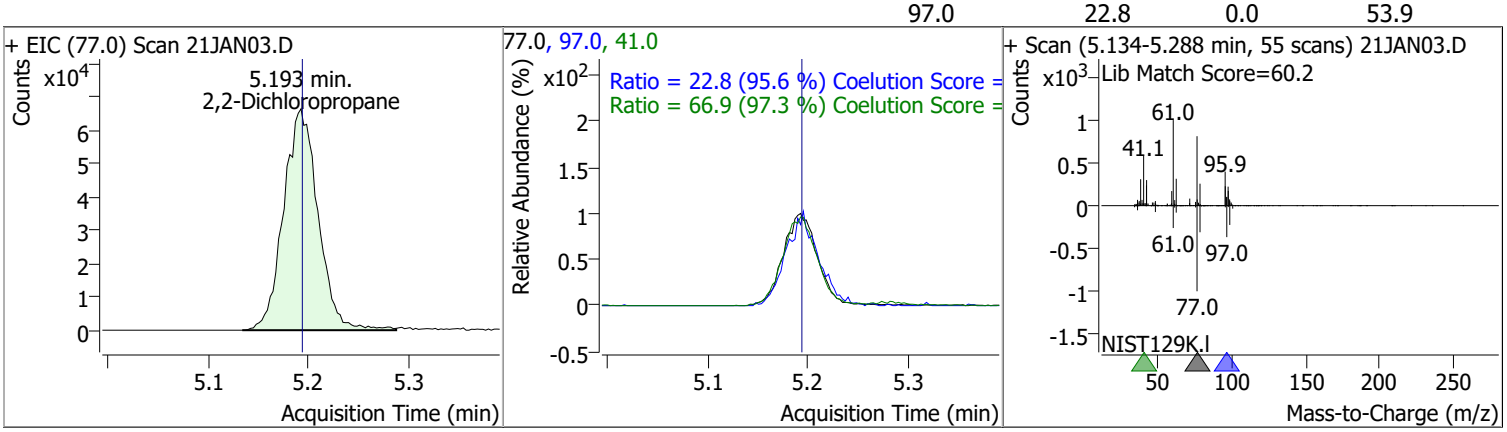
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	125.0812	4.38	0.00	203839	65.0	31.6	1.0	61.0
					83.0	12.9	0.0	42.7



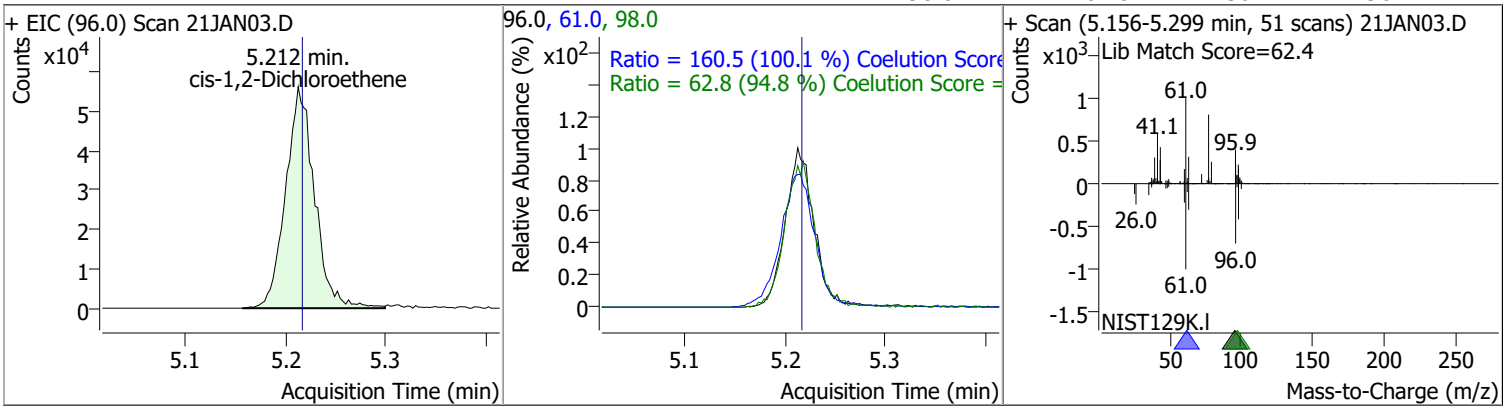




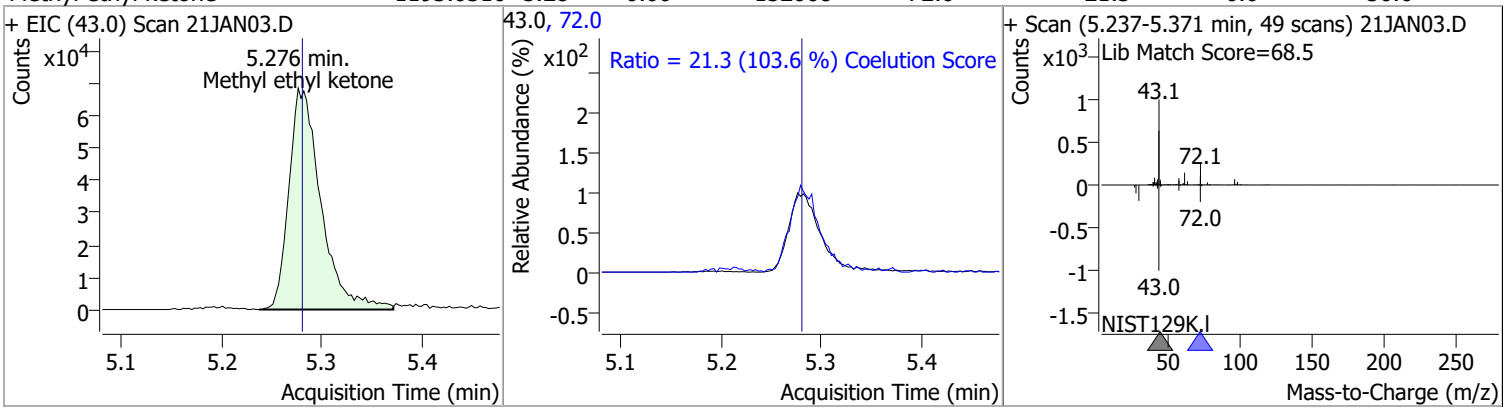
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	128.7980	5.19	0.00	158180	41.0	66.9	38.8	98.8
					97.0	22.8	0.0	53.9



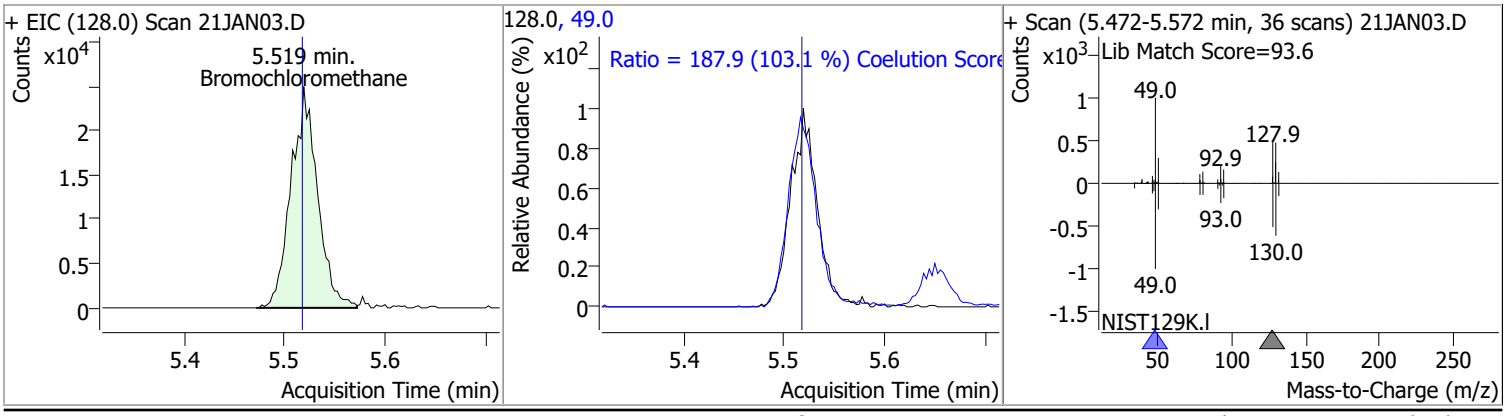
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	126.9987	5.21	0.00	111969	61.0	160.5	130.4	190.4
					98.0	62.8	36.2	96.2



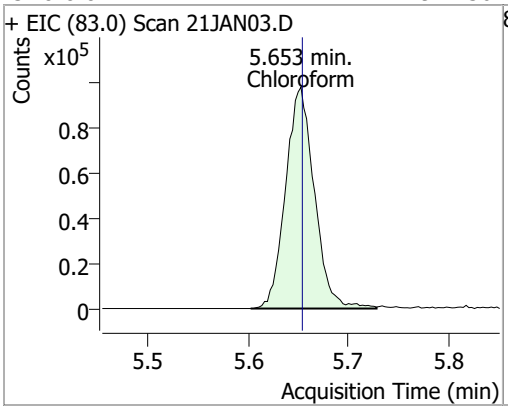
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1193.0316	5.28	0.00	152008	72.0	21.3	0.0	50.6

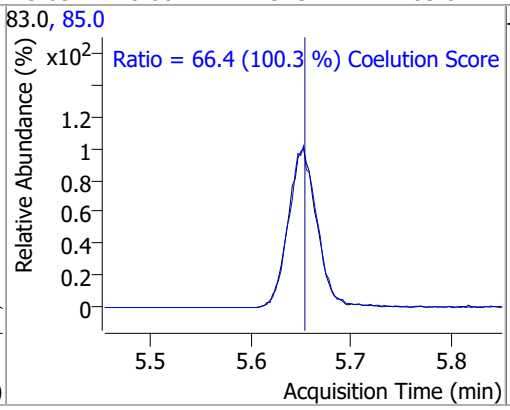


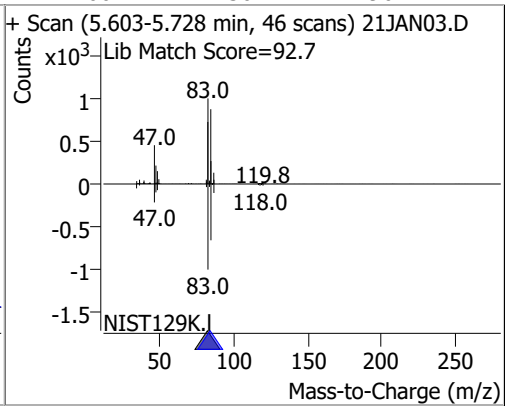
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	125.4118	5.52	0.00	45589	49.0	187.9	152.2	212.2



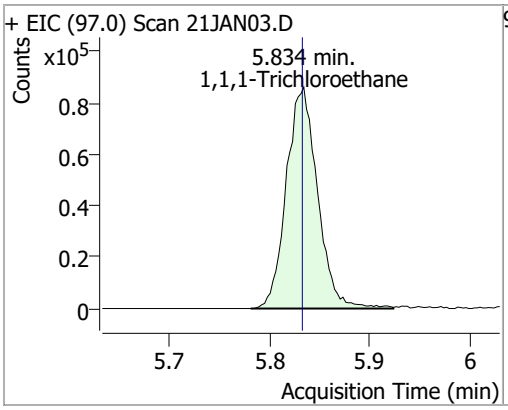
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	119.4236	5.65	0.00	194322	85.0	66.4	36.2	96.2

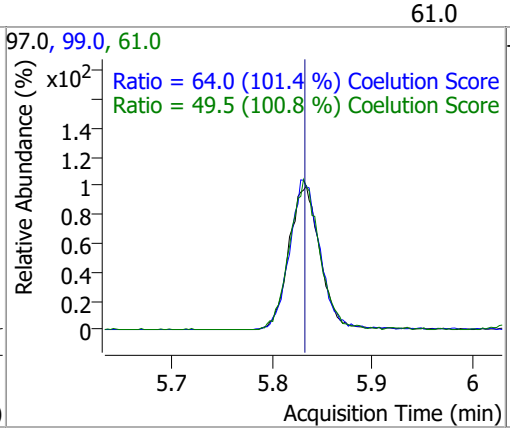


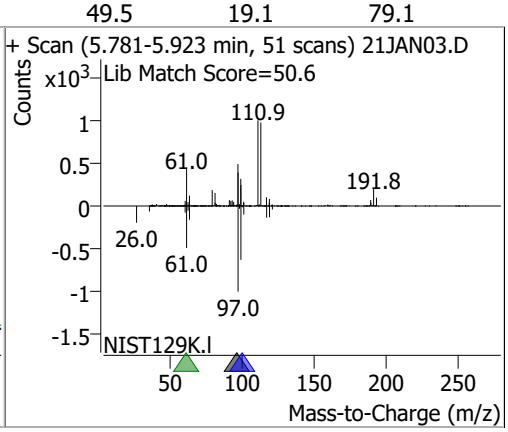




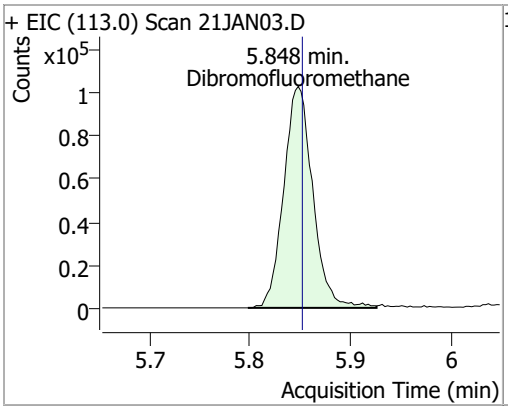
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	124.0103	5.83	0.00	186179	99.0	64.0	33.1	93.1
					61.0	49.5	19.1	79.1

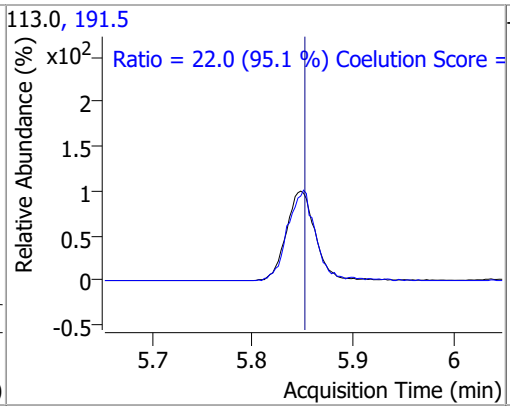


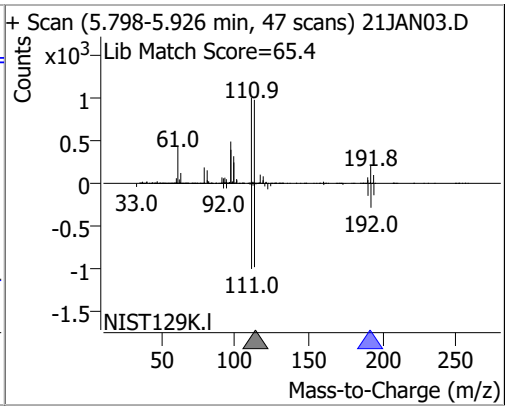




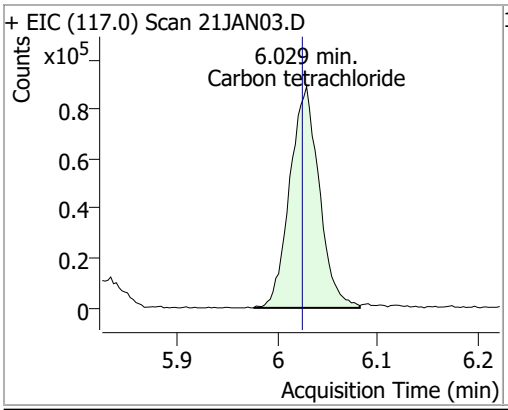
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	256.0129	5.85	0.00	207888	191.5	22.0	0.0	53.2

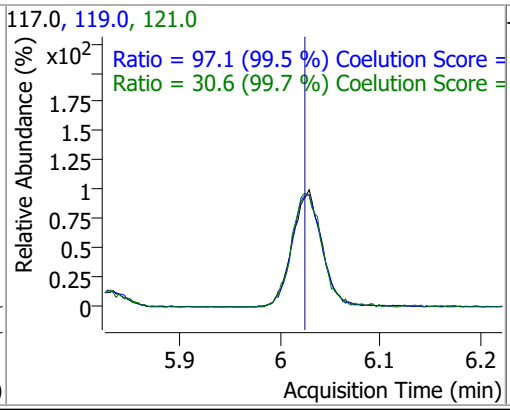


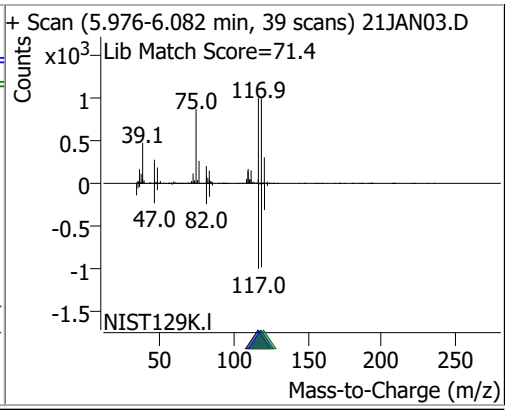




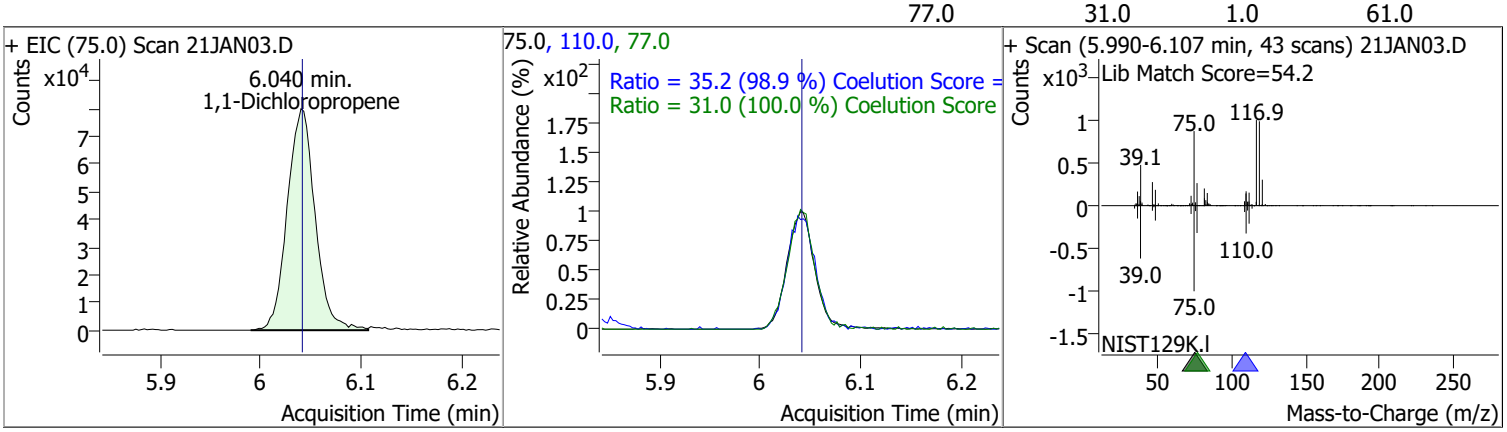
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	124.6086	6.03	0.01	181440	119.0	97.1	67.6	127.6
					121.0	30.6	0.7	60.7



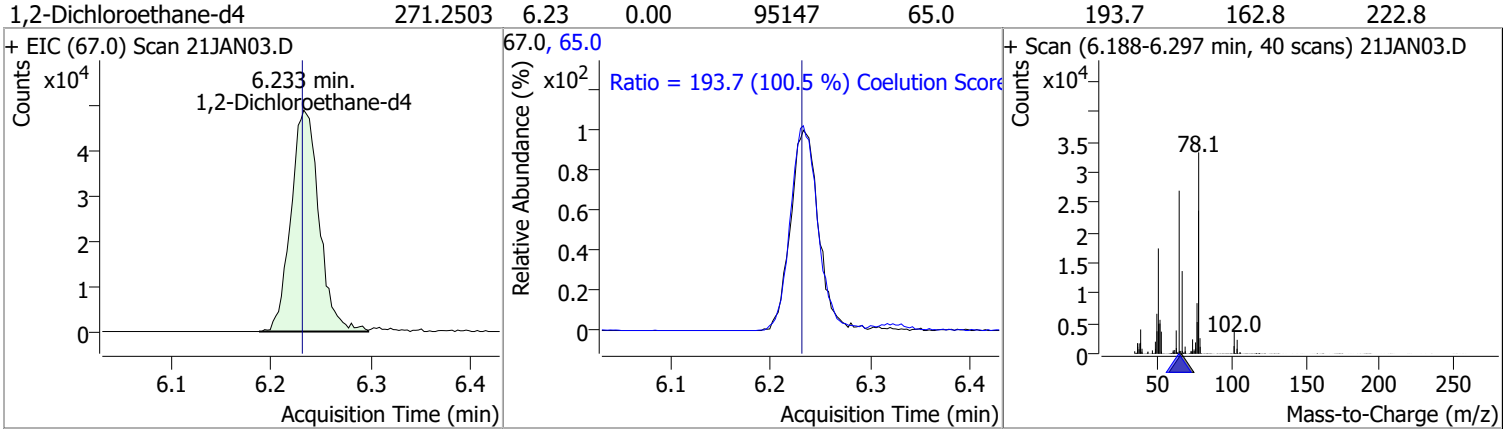




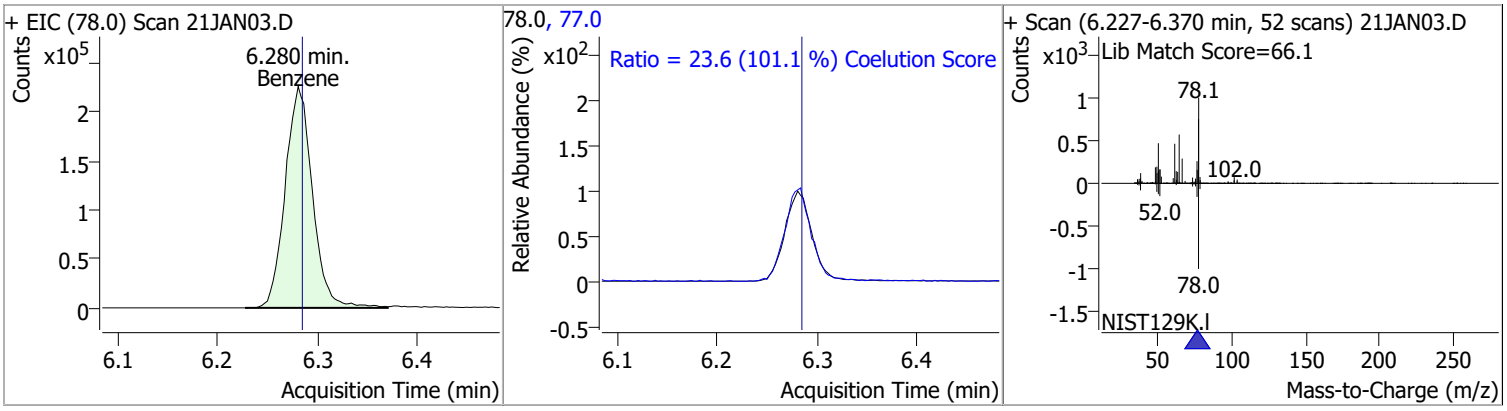
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	126.6618	6.04	0.00	154202	110.0	35.2	5.6	65.6
					77.0	31.0	1.0	61.0



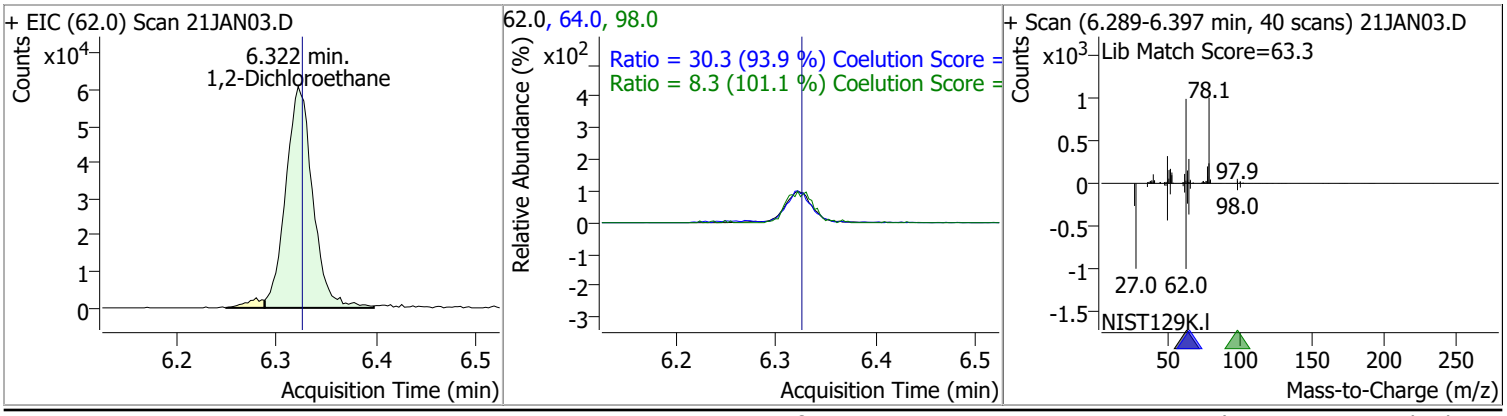
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	271.2503	6.23	0.00	95147	65.0	193.7	162.8	222.8



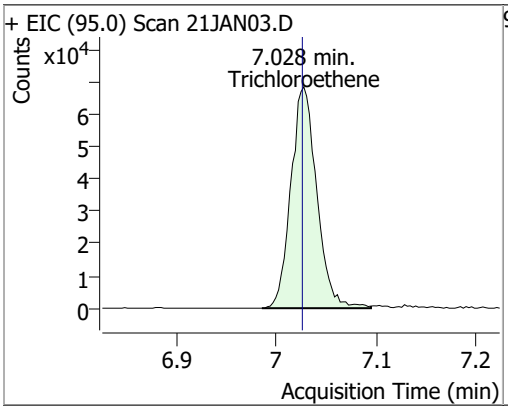
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	127.8166	6.28	0.00	428072	77.0	23.6	0.0	53.3

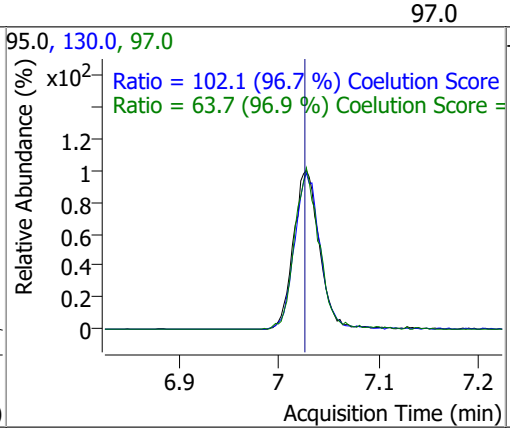


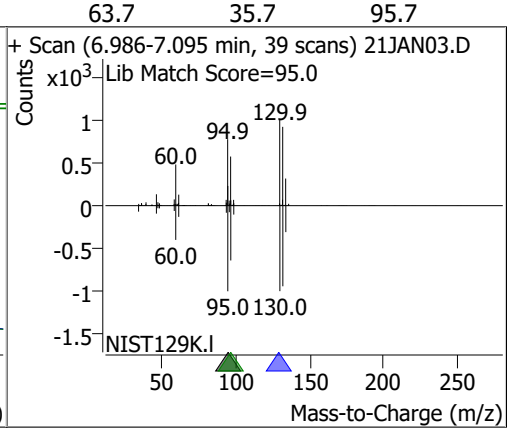
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	123.1022	6.32	0.00	113874	64.0	30.3	2.2	62.2
					98.0	8.3	0.0	38.2



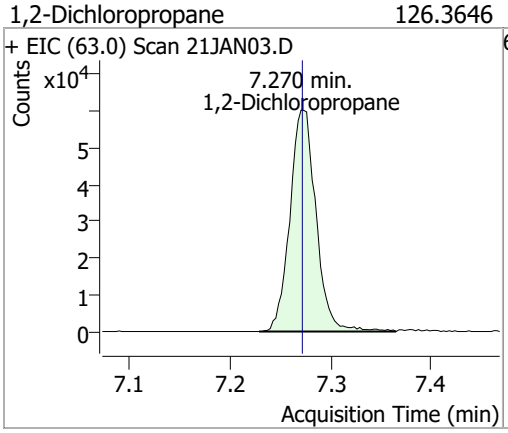
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	124.4199	7.03	0.00	122486	130.0	102.1	75.6	135.6
					97.0	63.7	35.7	95.7

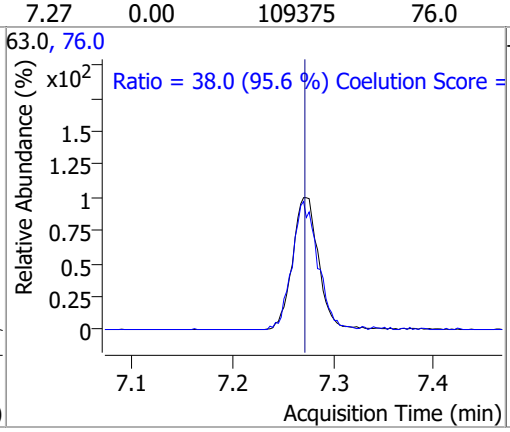


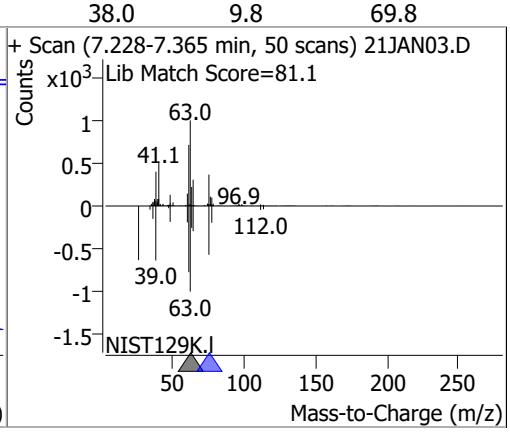




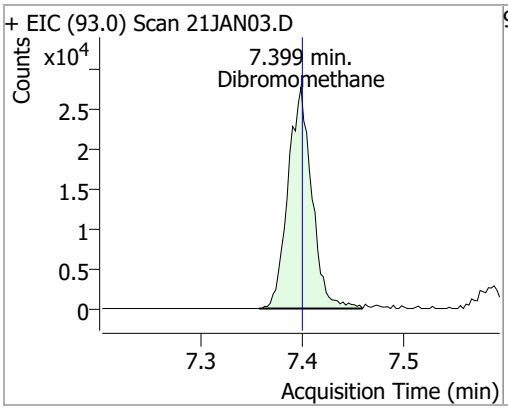
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	126.3646	7.27	0.00	109375	76.0	38.0	9.8	69.8

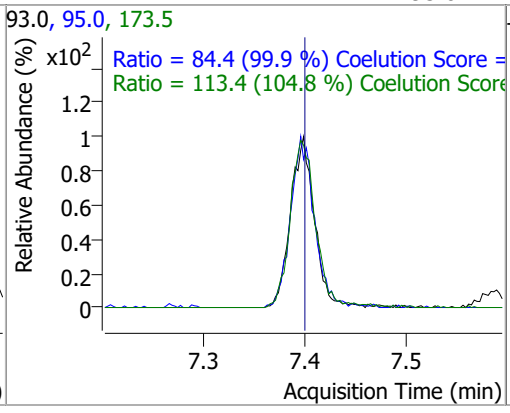


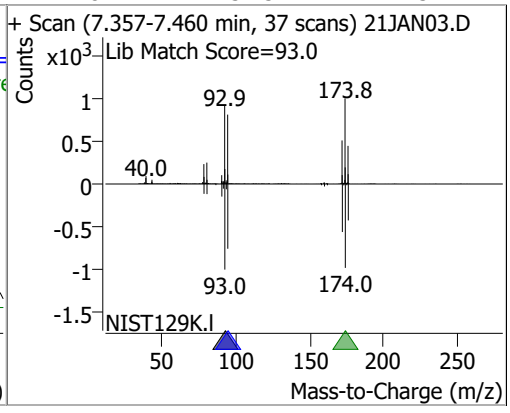




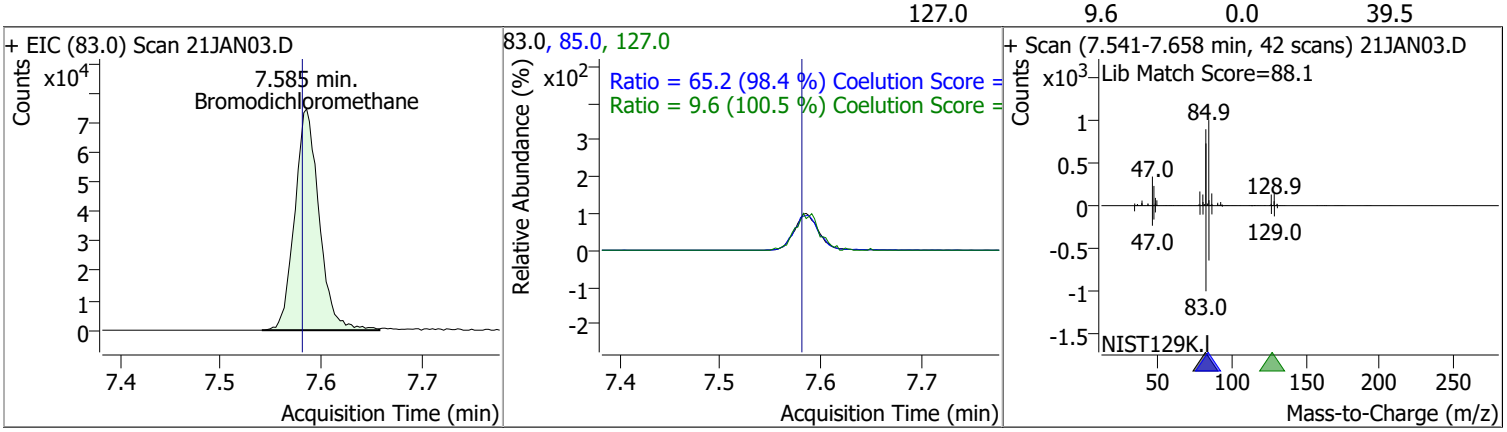
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	125.9370	7.40	0.00	45946	173.5	113.4	78.2	138.2
					95.0	84.4	54.5	114.5



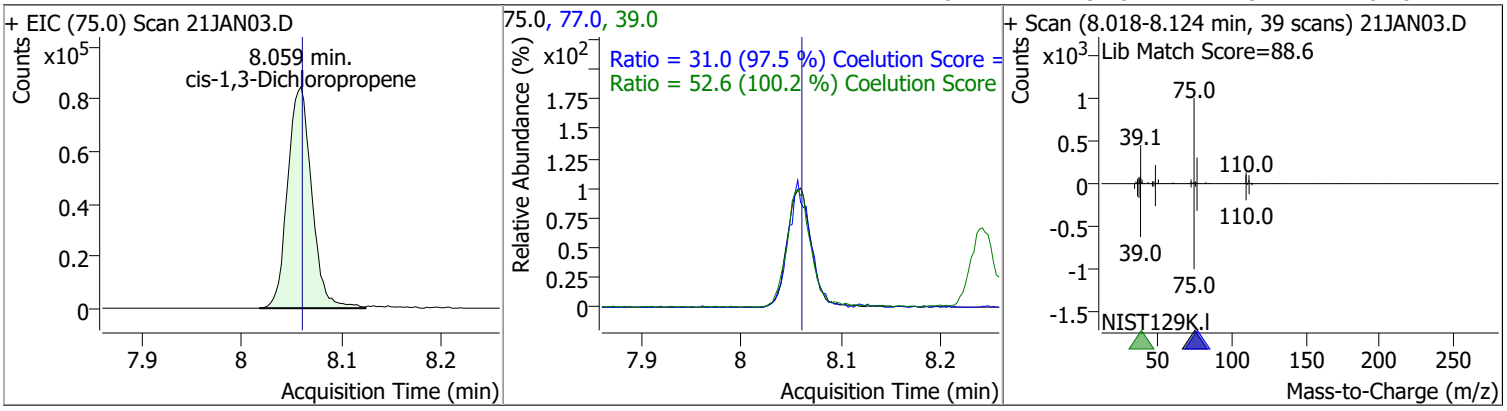




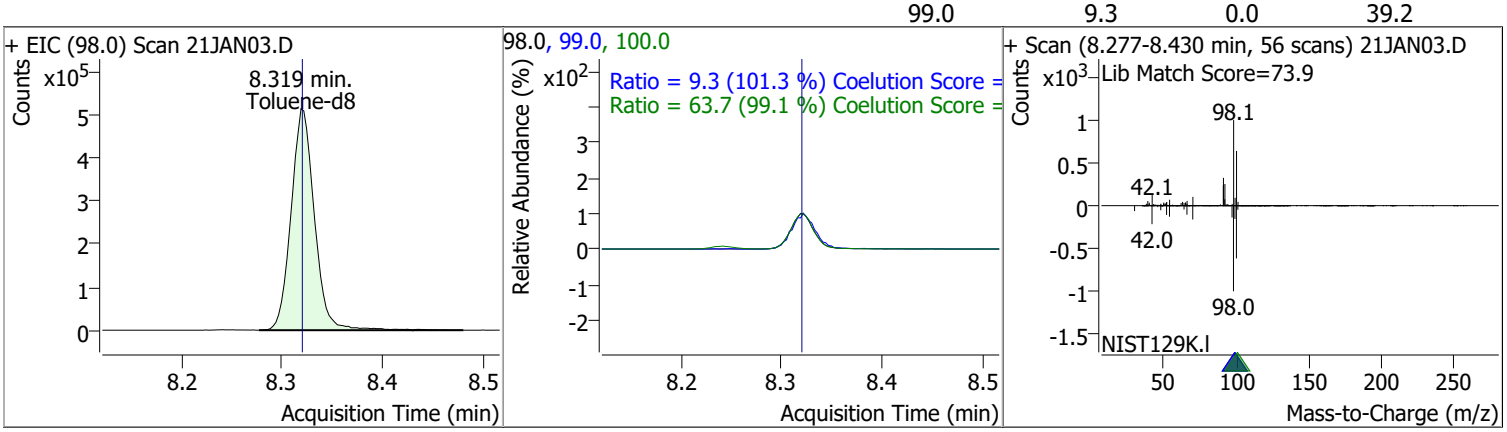
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	122.8688	7.59	0.01	126051	85.0	65.2	36.3	96.3
					127.0	9.6	0.0	39.5



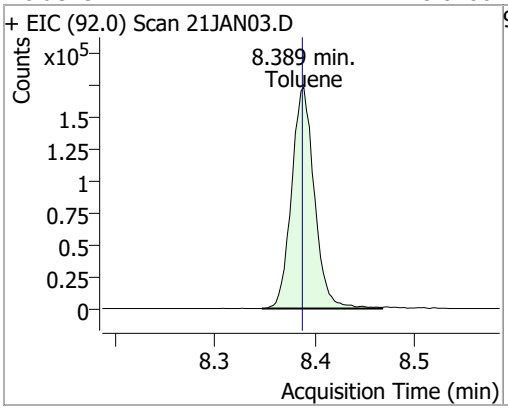
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	125.4603	8.06	0.00	141237	39.0	52.6	22.5	82.5
					77.0	31.0	1.8	61.8

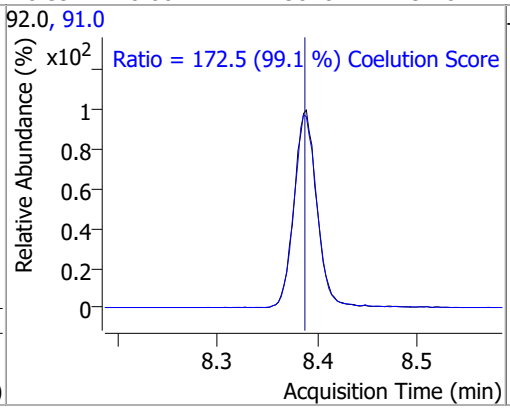


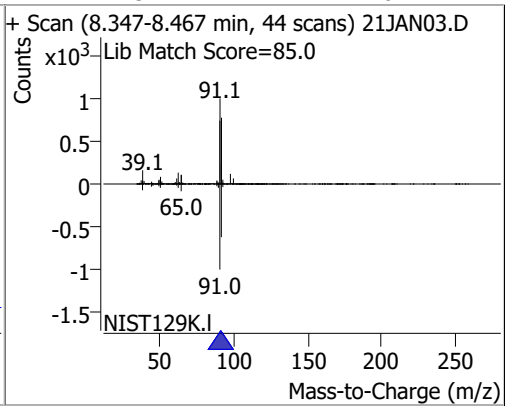
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	258.6966	8.32	0.00	829930	100.0	63.7	34.3	94.3
					99.0	9.3	0.0	39.2



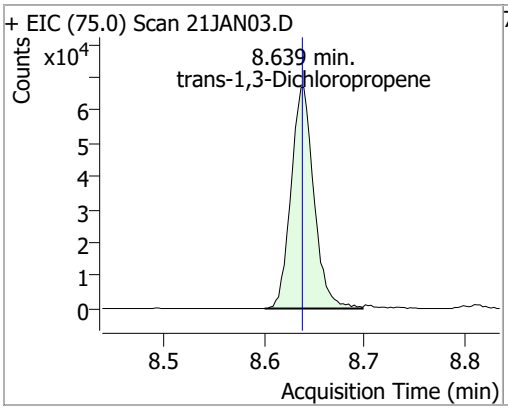
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	128.0486	8.39	0.00	273820	91.0	172.5	144.1	204.1

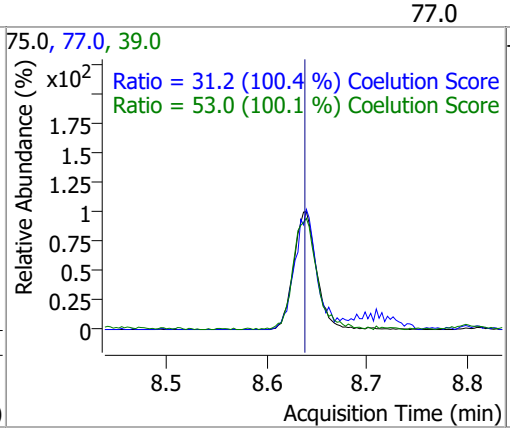


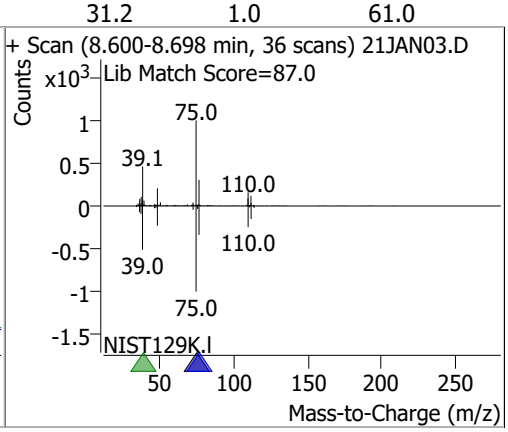




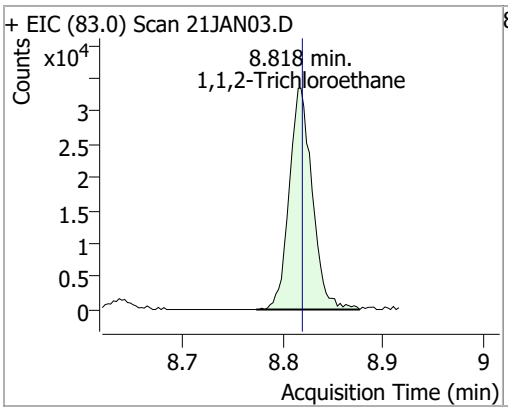
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	129.6607	8.64	0.00	106471	39.0	53.0	23.0	83.0
					77.0	31.2	1.0	61.0

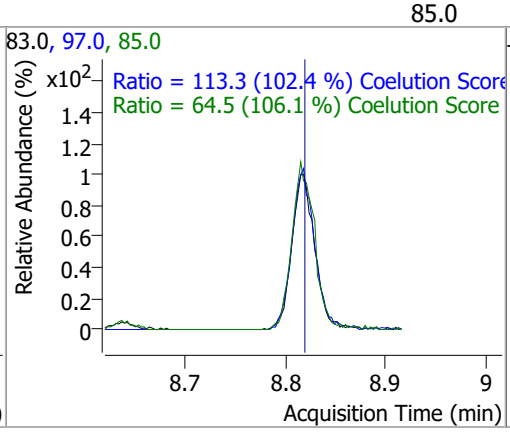


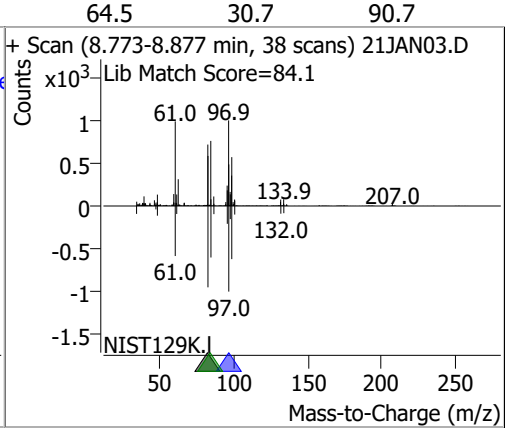




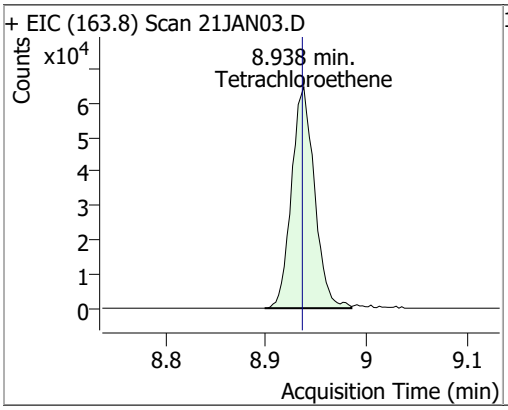
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	128.3509	8.82	0.00	53592	97.0	113.3	80.7	140.7
					85.0	64.5	30.7	90.7

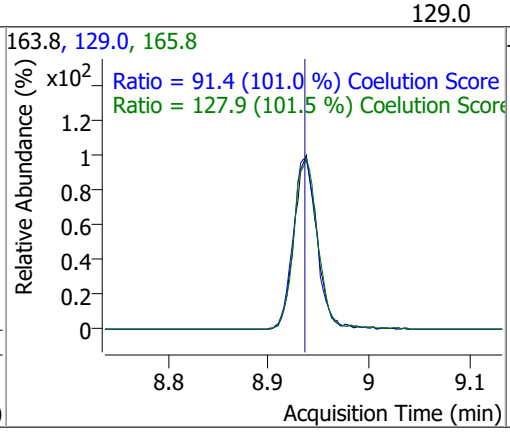


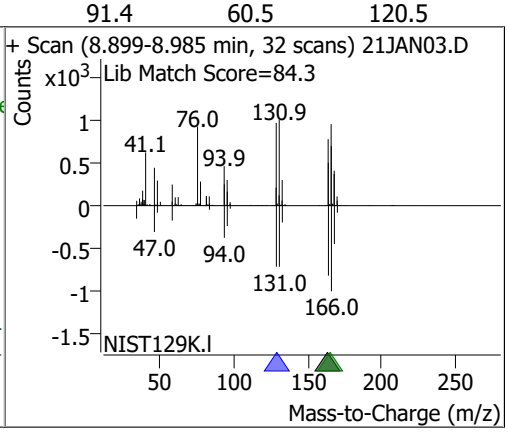




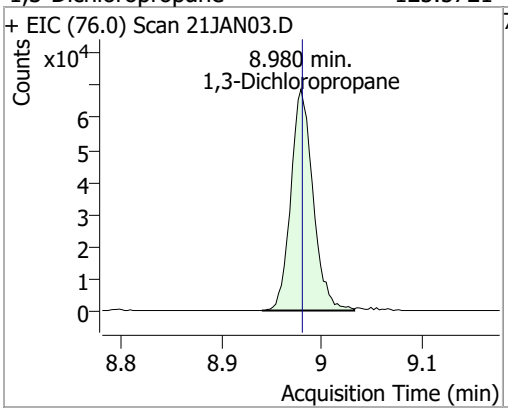
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	118.7819	8.94	0.00	103000	165.8	127.9	96.1	156.1
					129.0	91.4	60.5	120.5

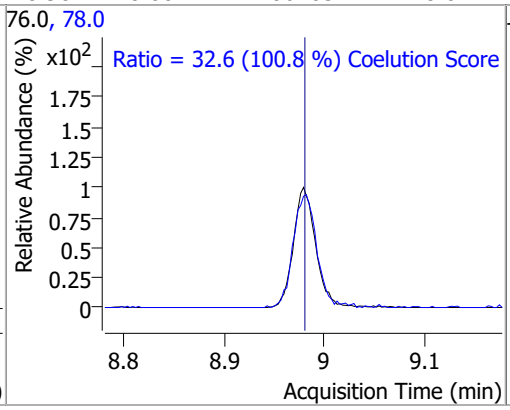


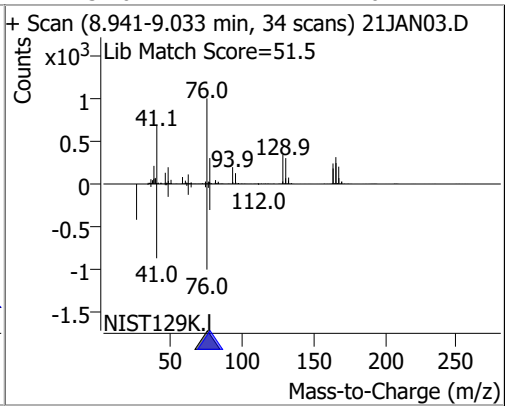




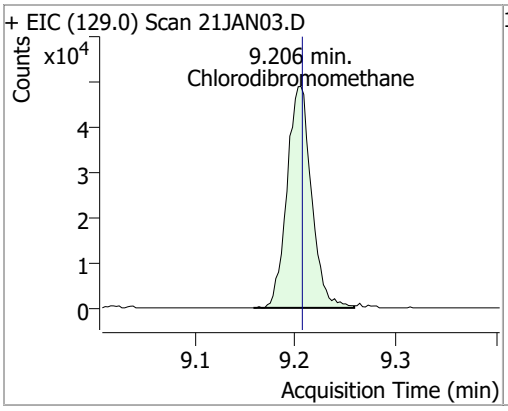
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	125.5721	8.98	0.00	106103	78.0	32.6	2.4	62.4

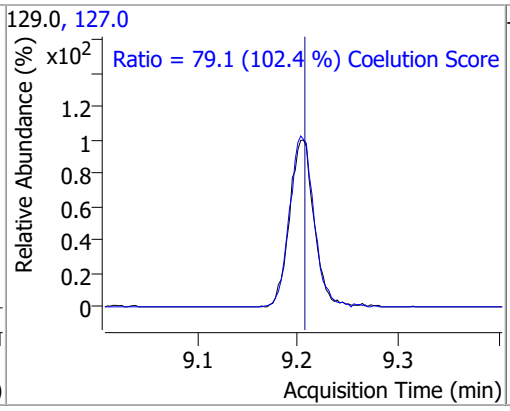


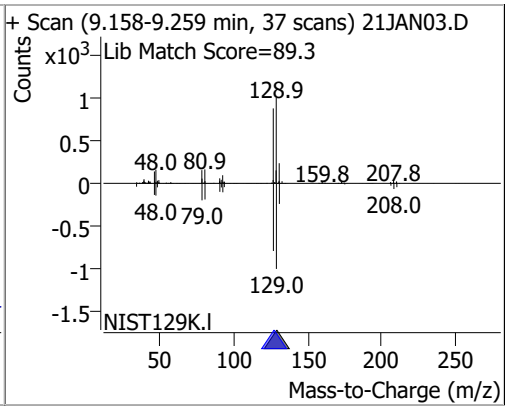




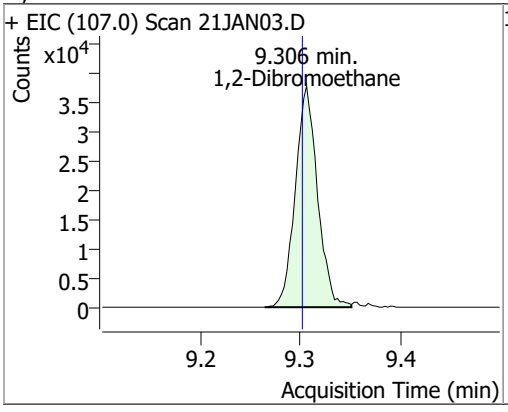
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	123.4737	9.21	0.00	83031	127.0	79.1	47.2	107.2

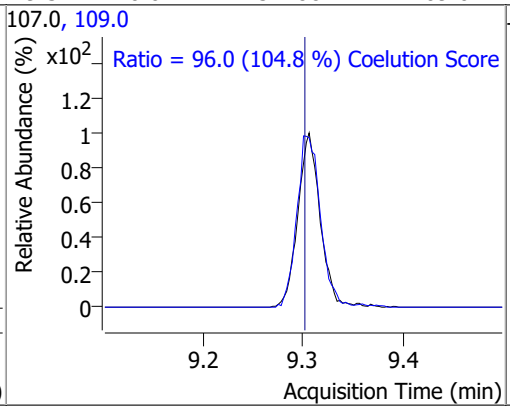


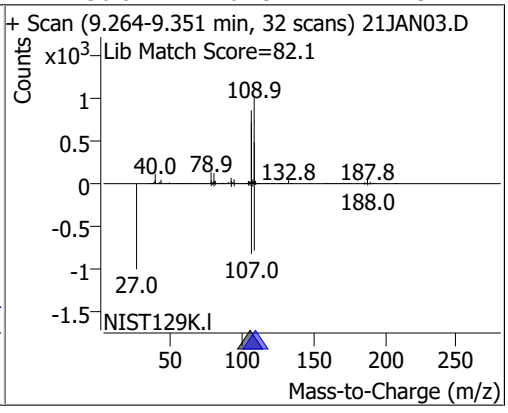




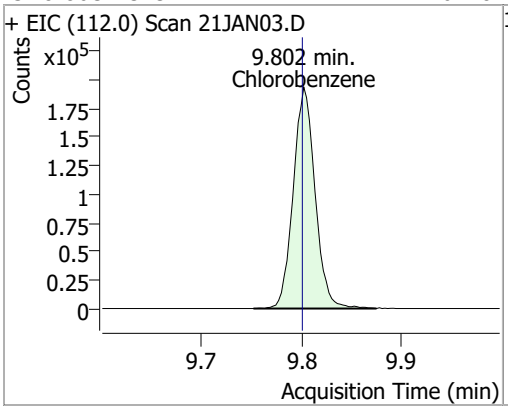
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	125.3106	9.31	0.01	57788	109.0	96.0	61.5	121.5

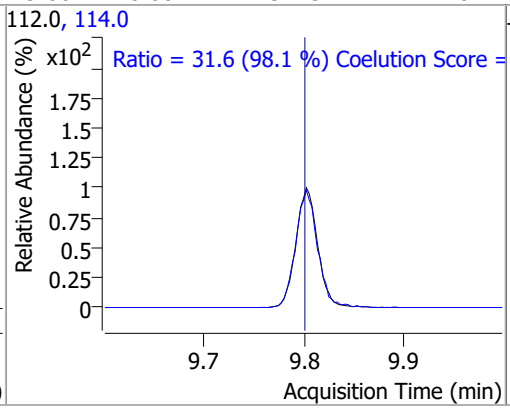


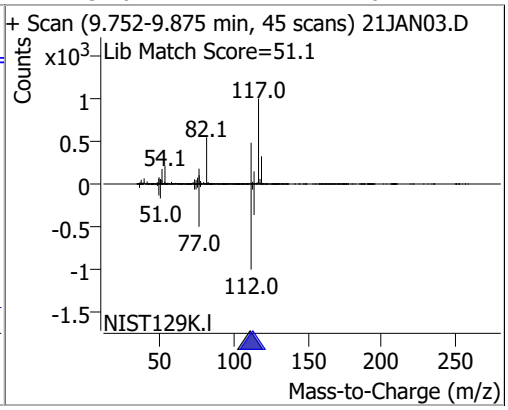




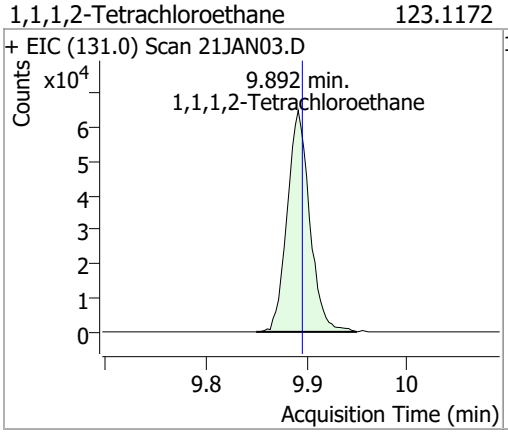
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	124.6720	9.80	0.00	292257	114.0	31.6	2.2	62.2

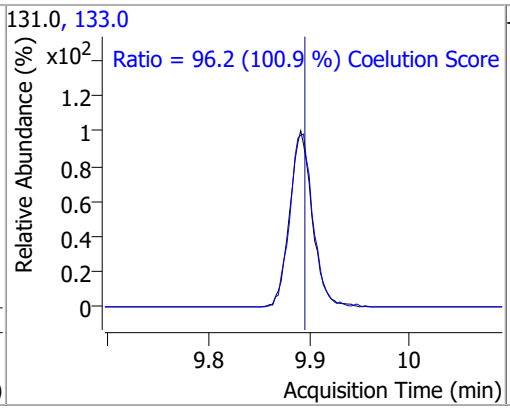


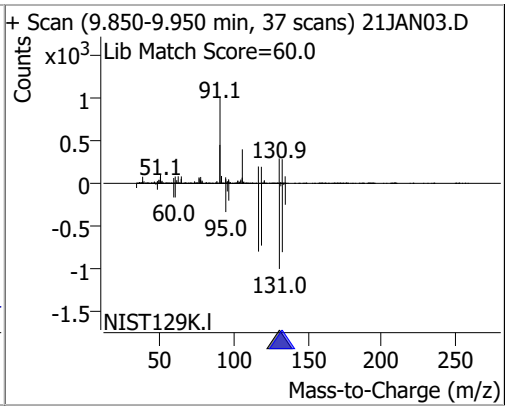




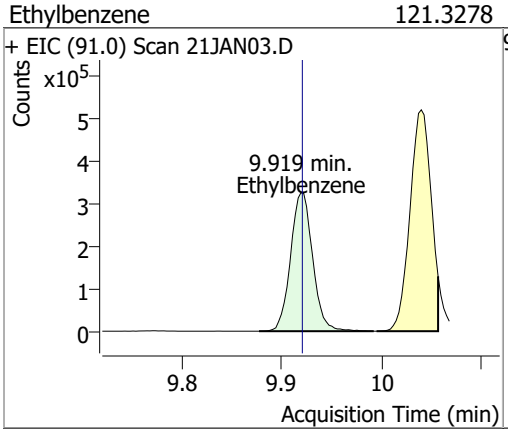
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	123.1172	9.89	0.00	101264	133.0	96.2	65.3	125.3

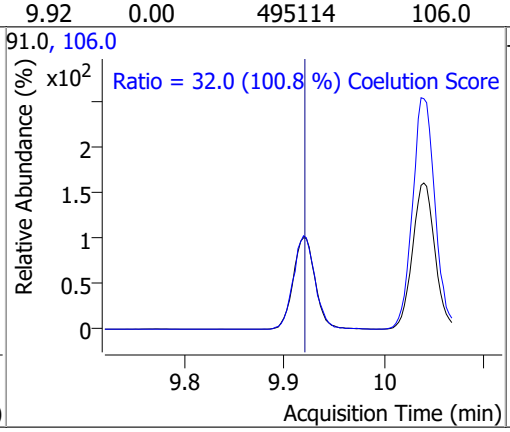


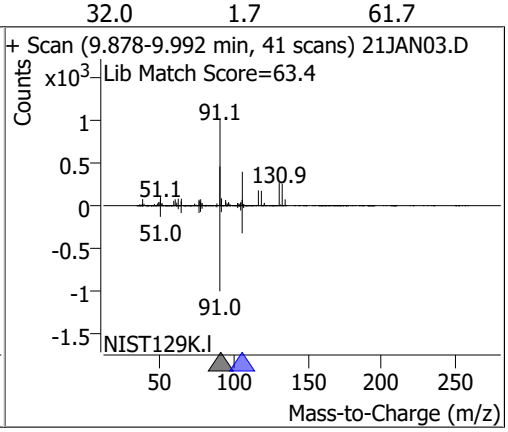




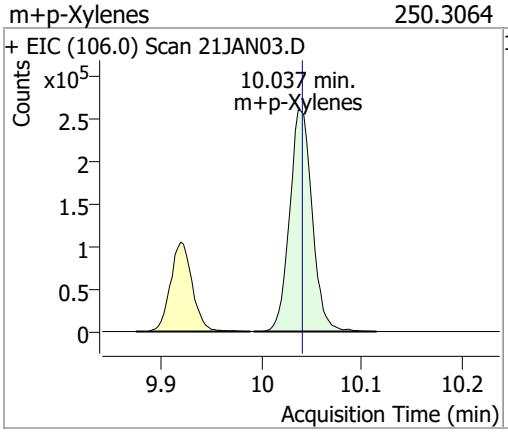
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	121.3278	9.92	0.00	495114	106.0	32.0	1.7	61.7

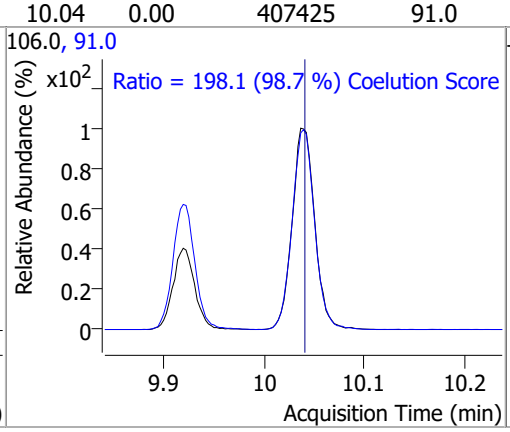


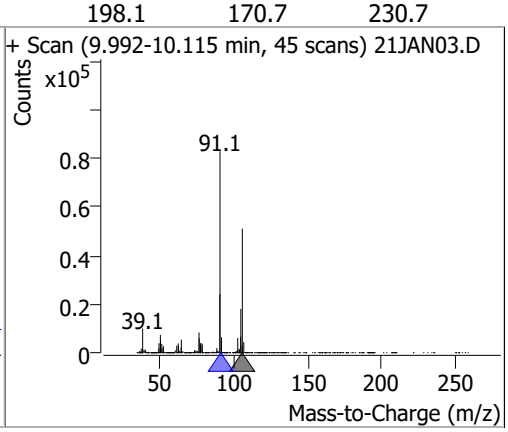




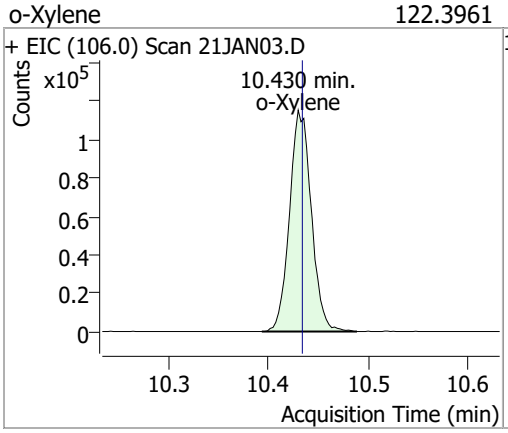
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	250.3064	10.04	0.00	407425	91.0	198.1	170.7	230.7

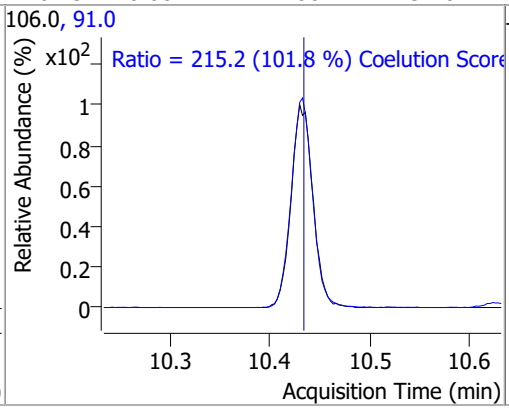


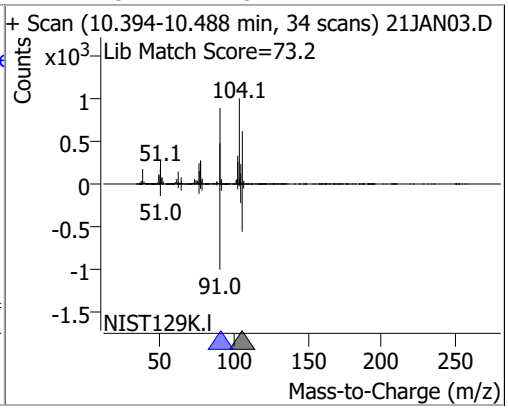




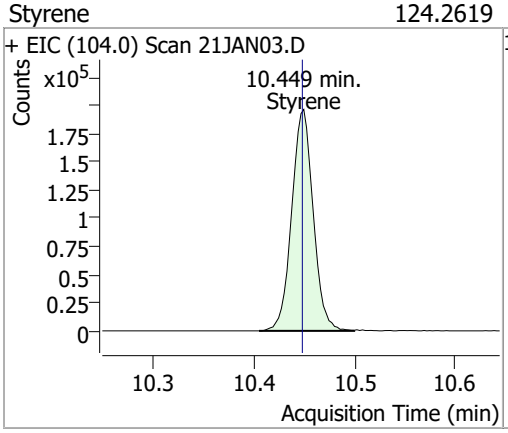
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	122.3961	10.43	0.00	174082	91.0	215.2	181.4	241.4

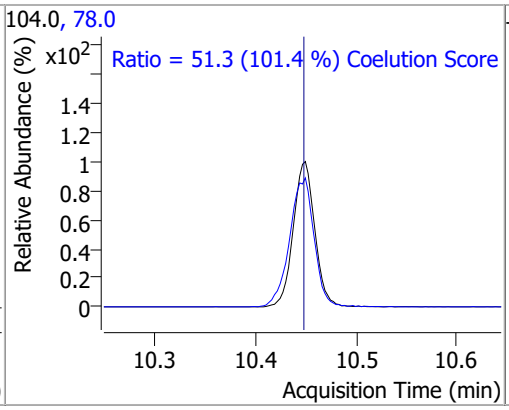


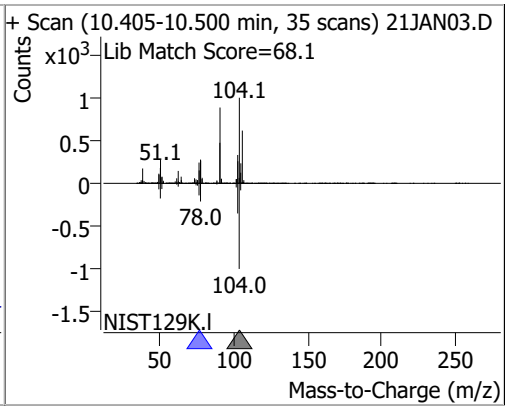




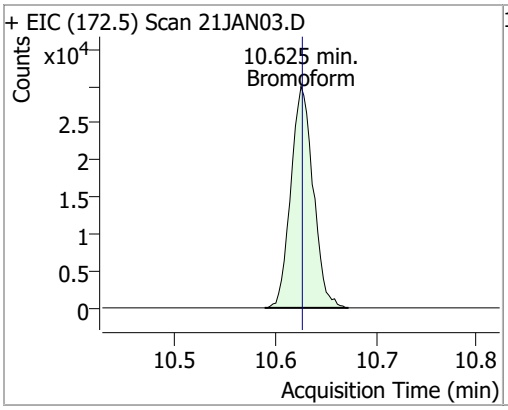
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	124.2619	10.45	0.00	292478	78.0	51.3	20.6	80.6

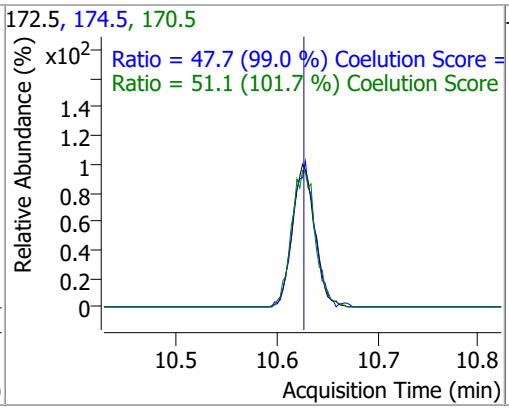


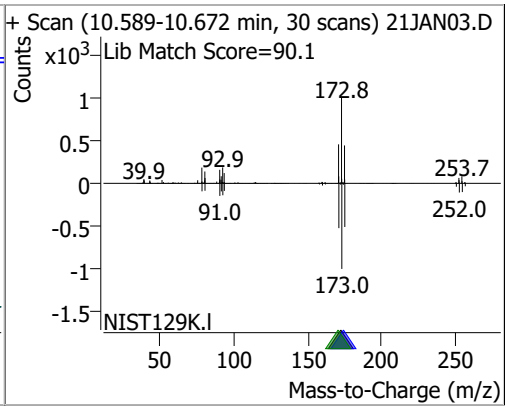




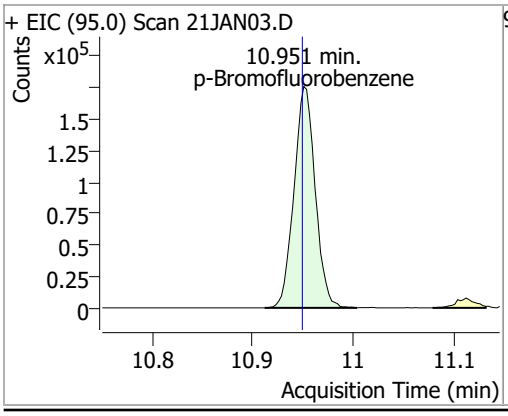
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	123.7315	10.63	0.00	46430	170.5	51.1	20.3	80.3
					174.5	47.7	18.1	78.1

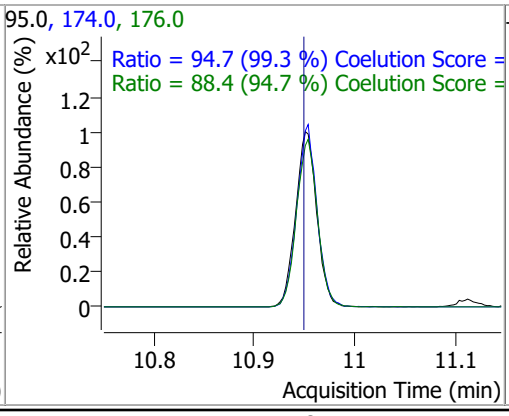


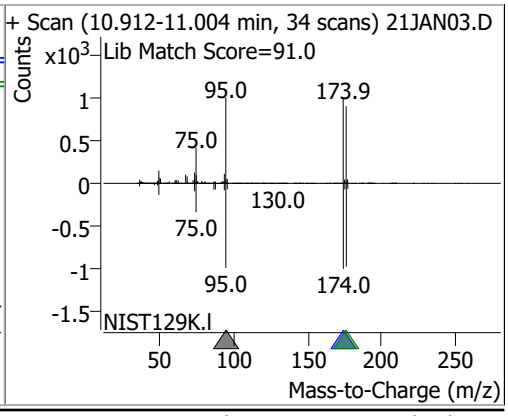




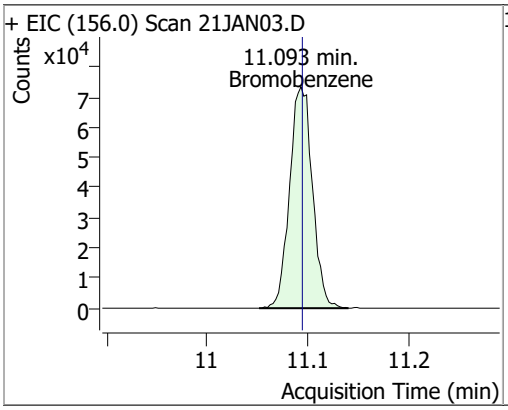
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	249.5258	10.95	0.00	258002	174.0	94.7	65.3	125.3
					176.0	88.4	63.3	123.3

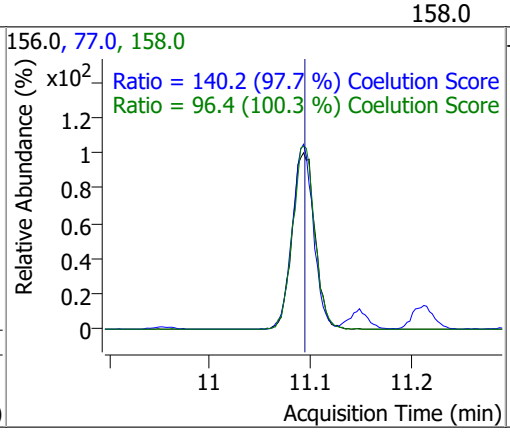


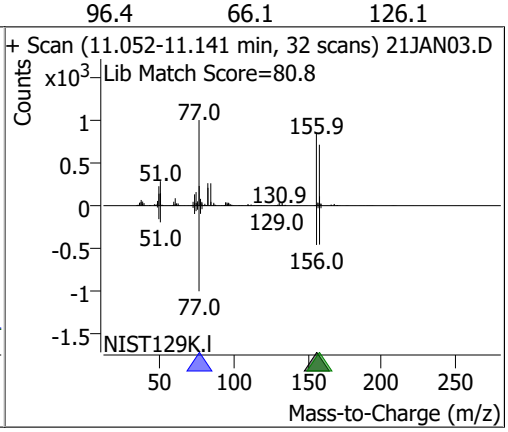




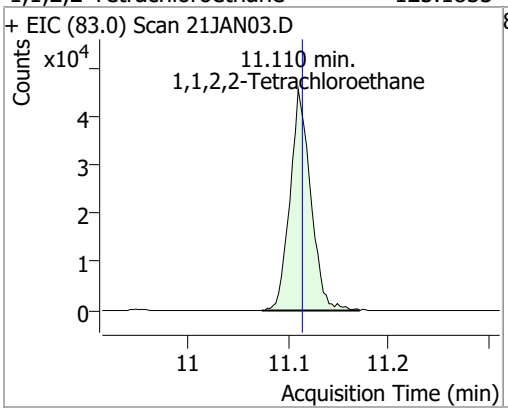
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	127.0644	11.09	0.00	115860	77.0	140.2	113.5	173.5
					158.0	96.4	66.1	126.1

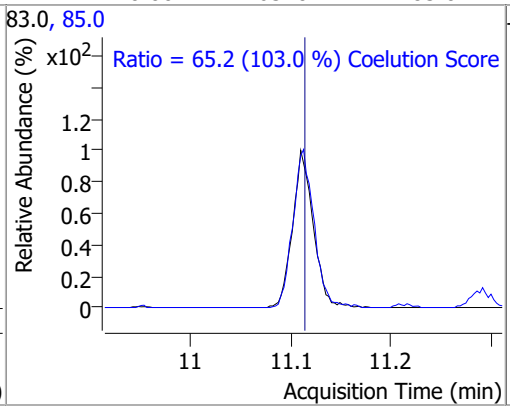


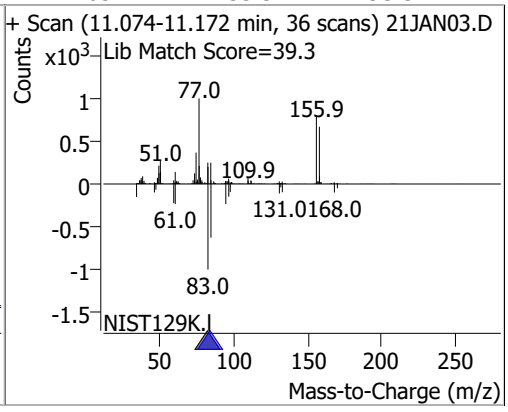




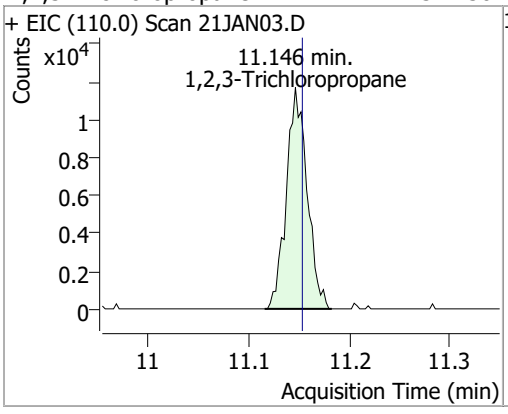
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	125.1833	11.11	0.00	65107	85.0	65.2	33.3	93.3

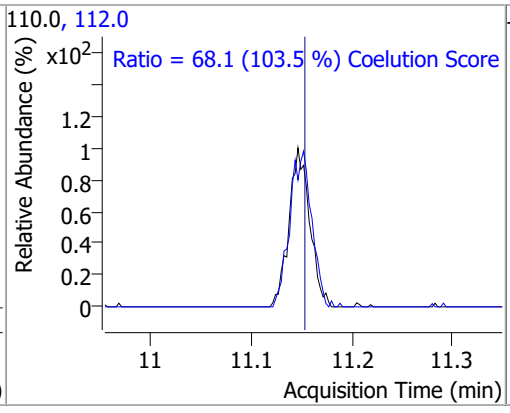


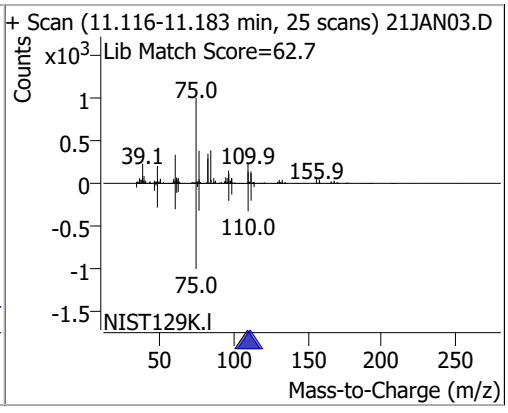




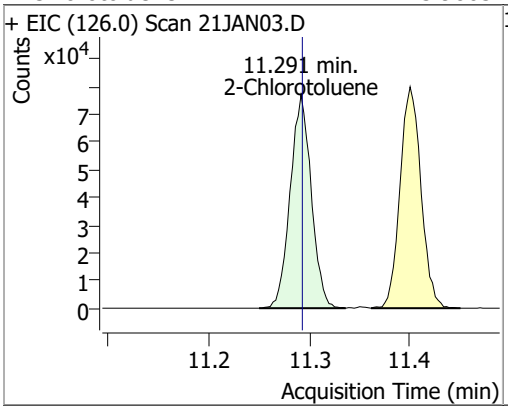
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	123.2230	11.15	-0.01	16838	112.0	68.1	35.8	95.8

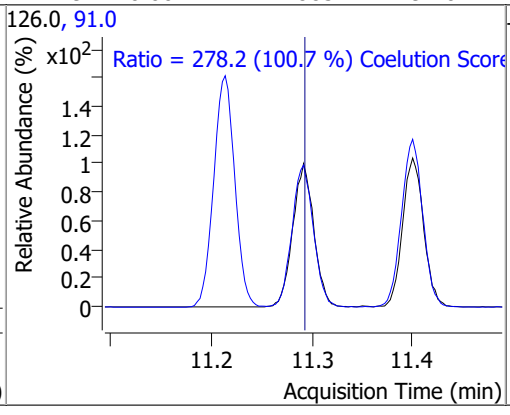


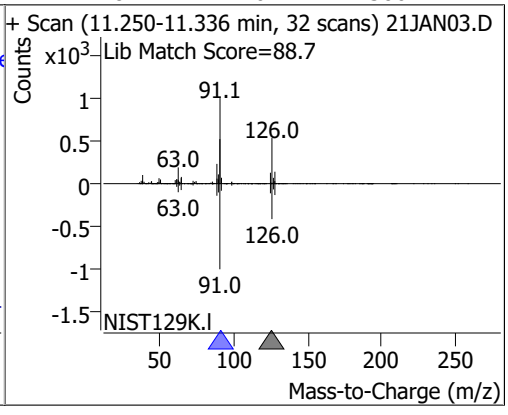




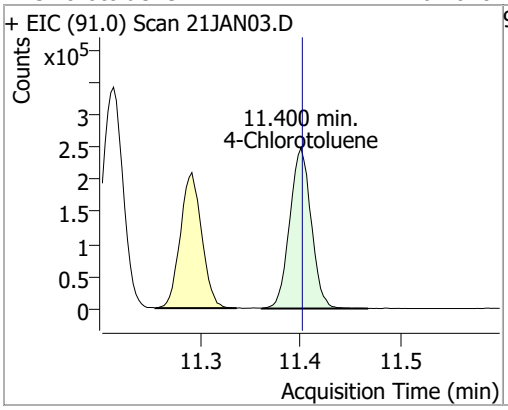
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	123.9803	11.29	0.00	111885	91.0	278.2	246.2	306.2

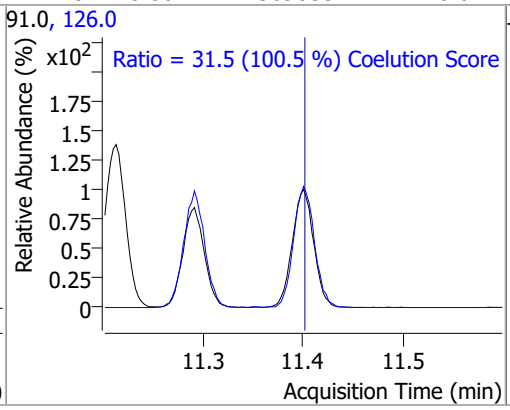


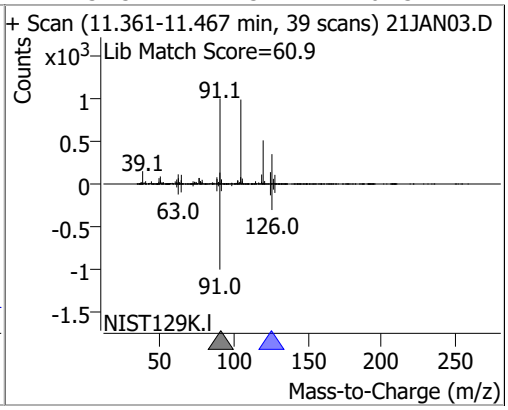




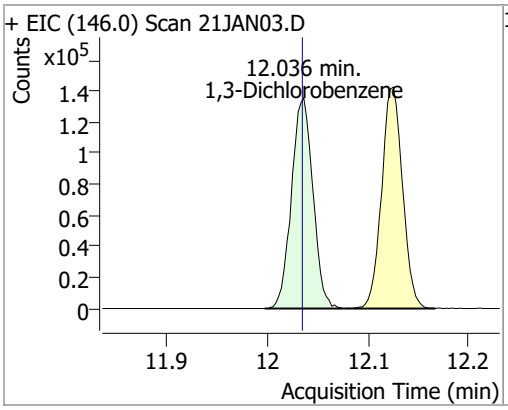
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	126.2620	11.40	0.00	369055	126.0	31.5	1.3	61.3

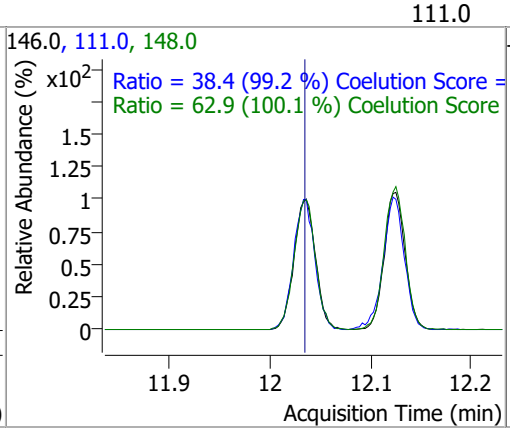


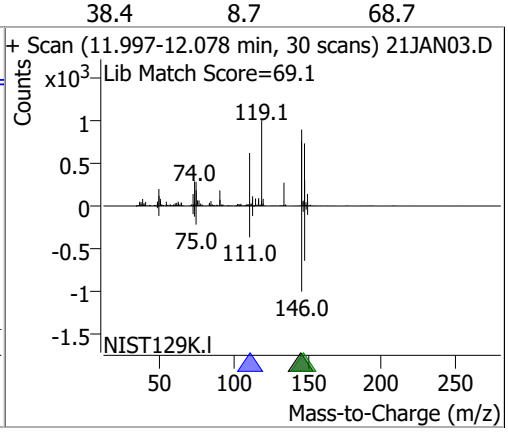




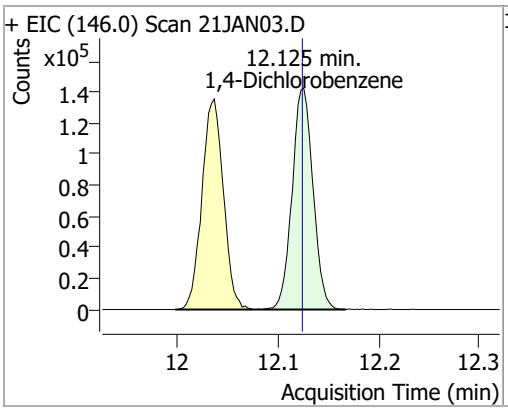
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	121.8648	12.04	0.00	201326	148.0	62.9	32.8	92.8
					111.0	38.4	8.7	68.7

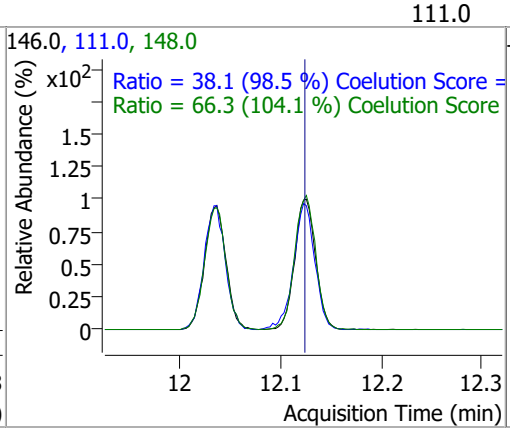


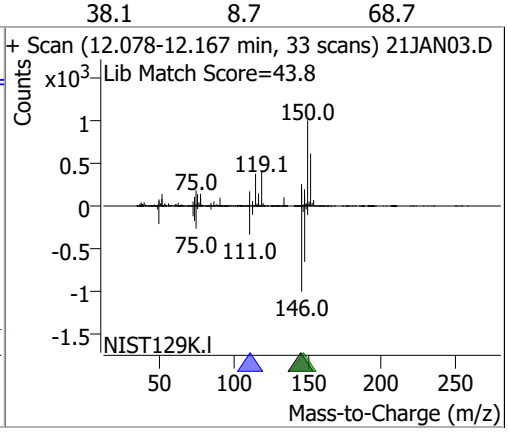




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	122.5861	12.13	0.00	206463	148.0	66.3	33.7	93.7
					111.0	38.1	8.7	68.7

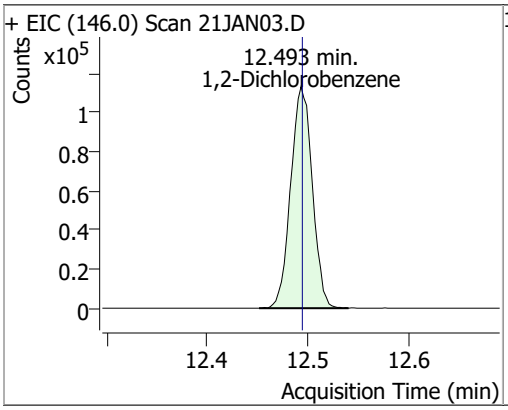


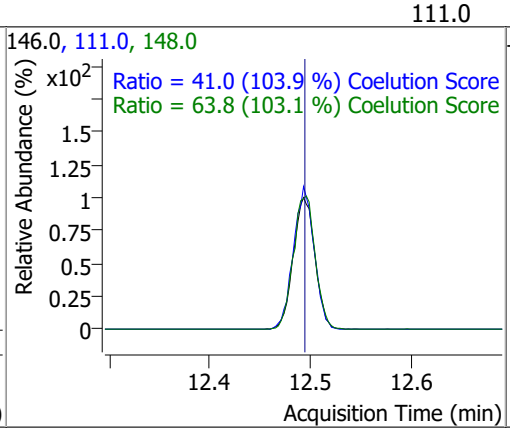


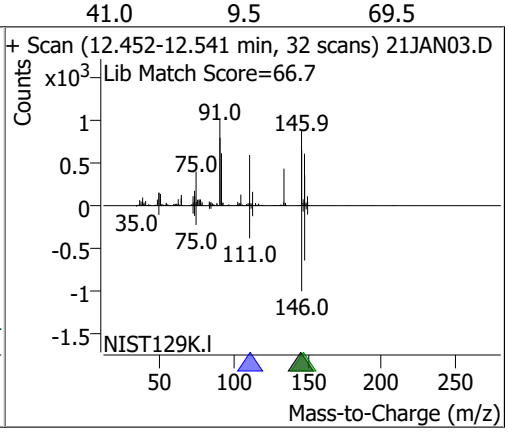


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	122.6729	12.49	0.00	169198	148.0	63.8	31.9	91.9
					111.0	41.0	9.5	69.5







Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	21JAN04.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 10:53:05 AM
Sample Name	LCS012122_	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
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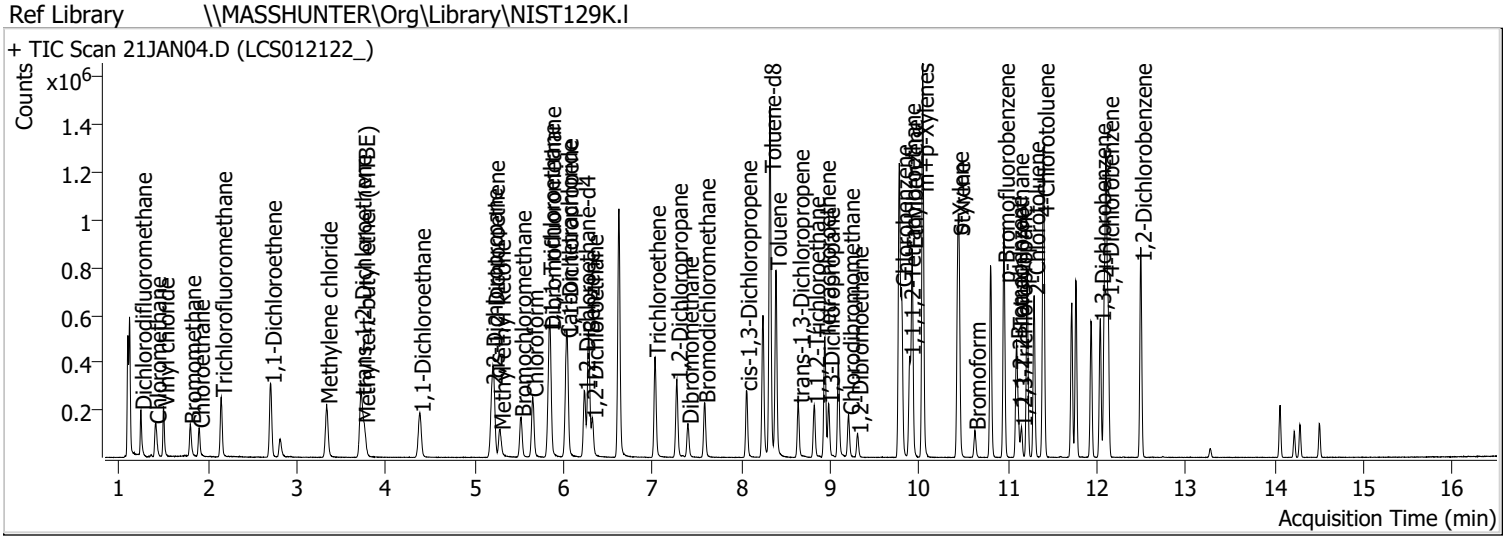
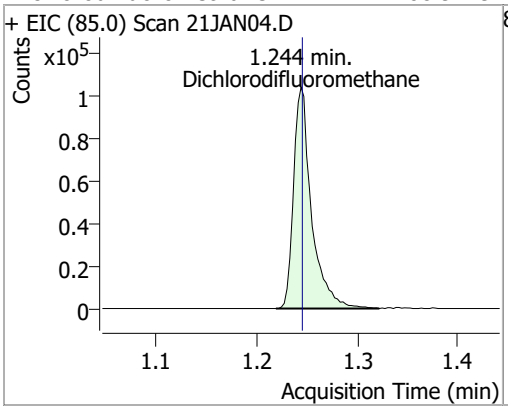


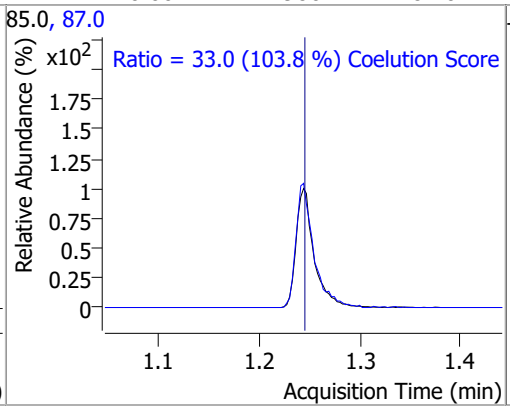
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	885836	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	341649	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	286593	250.0000	ng	0.003
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	231039	269.2747	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.71%		
S 1,2-Dichloroethane-d4	6.233	67.0	100591	271.4014	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 108.56%		
S Toluene-d8	8.322	98.0	898941	269.7000	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.88%		
S p-Bromofluorobenzene	10.951	95.0	272463	257.4856	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.99%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.244	85.0	129802	108.9749	ng	98
T Chloromethane	1.409	50.0	159083	113.4416	ng	100
T Vinyl chloride	1.498	62.0	151974	119.0594	ng	100
T Bromomethane	1.799	96.0	68697	124.1414	ng	96
T Chloroethane	1.897	64.0	83237	137.8300	ng	99
T Trichlorofluoromethane	2.148	101.0	171312	111.9213	ng	97
T 1,1-Dichloroethene	2.705	96.0	114253	128.2832	ng	97
T Methylene chloride	3.333	49.0	156152	120.5897	ng	99
T trans-1,2-Dichloroethene	3.715	96.0	116613	126.7438	ng	99
T Methyl tert-butyl ether (MTBE)	3.757	73.0	146715	127.5815	ng	100
T 1,1-Dichloroethane	4.381	63.0	223177	129.6081	ng	99
T 2,2-Dichloropropane	5.190	77.0	163430	125.9409	ng	98
T cis-1,2-Dichloroethene	5.215	96.0	120815	129.6881	ng	99
T Methyl ethyl ketone	5.282	43.0	164335	1220.6560	ng	100
T Bromochloromethane	5.513	128.0	46822	121.9006	ng	94
T Chloroform	5.650	83.0	203917	118.6040	ng	99

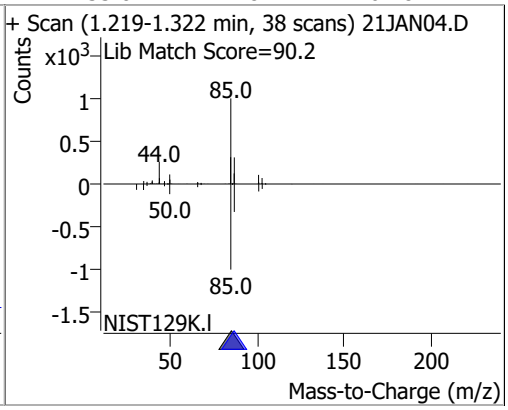
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	196834	124.0809	ng	99
T Carbon tetrachloride	6.029	117.0	192719	125.2614	ng	97
T 1,1-Dichloropropene	6.040	75.0	156221	121.4430	ng	99
T Benzene	6.280	78.0	448376	126.7041	ng	99
T 1,2-Dichloroethane	6.325	62.0	118168	120.8980	ng	98
T Trichloroethene	7.025	95.0	127302	124.4627	ng	98
T 1,2-Dichloropropane	7.270	63.0	112658	125.2766	ng	100
T Dibromomethane	7.396	93.0	46845	123.5861	ng	98
T Bromodichloromethane	7.583	83.0	132209	124.0386	ng	99
T cis-1,3-Dichloropropene	8.054	75.0	139616	119.3695	ng	99
T Toluene	8.386	92.0	284537	128.0704	ng	98
T trans-1,3-Dichloropropene	8.640	75.0	111269	130.4222	ng	96
T 1,1,2-Trichloroethane	8.818	83.0	55452	127.8253	ng	99
T Tetrachloroethene	8.935	163.8	111434	123.6891	ng	98
T 1,3-Dichloropropane	8.983	76.0	107299	122.2255	ng	100
T Chlorodibromomethane	9.206	129.0	85144	121.8677	ng	96
T 1,2-Dibromoethane	9.303	107.0	59810	124.8315	ng	96
T Chlorobenzene	9.800	112.0	316957	130.1382	ng	100
T 1,1,1,2-Tetrachloroethane	9.894	131.0	104908	122.7645	ng	98
T Ethylbenzene	9.919	91.0	531115	125.1208	ng	100
T m+p-Xylenes	10.039	106.0	418657	247.6503	ng	99
T o-Xylene	10.433	106.0	186909	126.3152	ng	97
T Styrene	10.447	104.0	313436	128.0322	ng	100
T Bromoform	10.625	172.5	47839	124.5709	ng	97
T Bromobenzene	11.094	156.0	122538	131.3150	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	65923	123.8536	ng	96
T 1,2,3-Trichloropropane	11.149	110.0	17735	126.8194	ng	97
T 2-Chlorotoluene	11.292	126.0	120805	130.8032	ng	96
T 4-Chlorotoluene	11.397	91.0	401365	134.1757	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	224107	132.5522	ng	99
T 1,4-Dichlorobenzene	12.123	146.0	222412	129.0358	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	182577	129.3458	ng	100

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

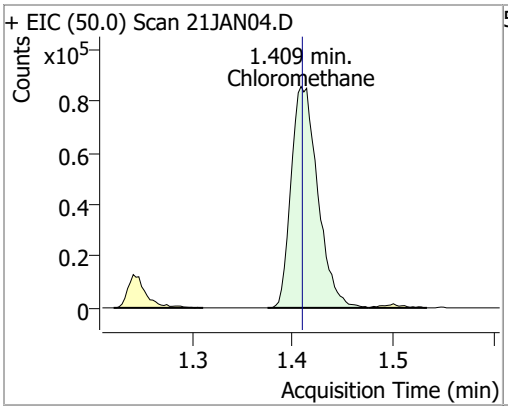
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	108.9749	1.24	0.00	129802	87.0	33.0	1.8	61.8

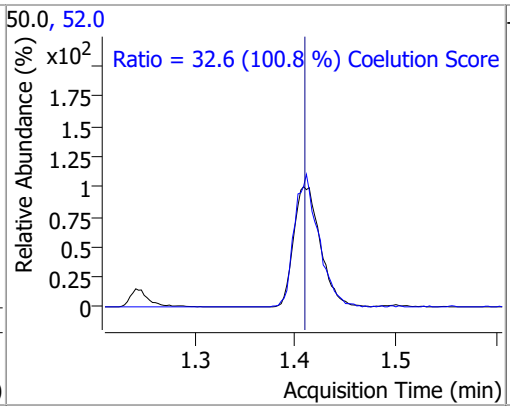


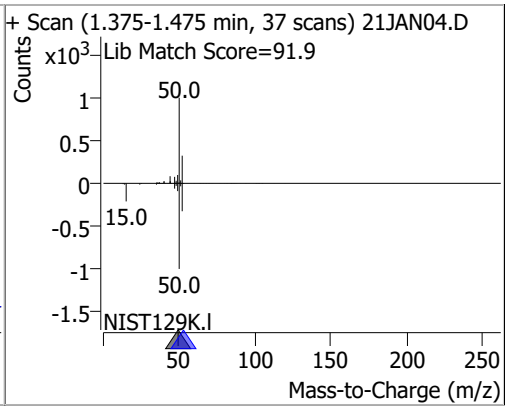




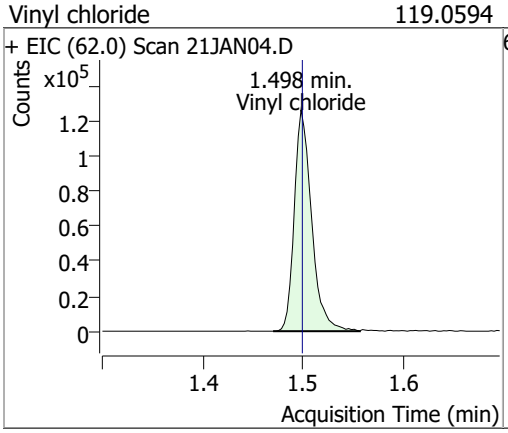
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	113.4416	1.41	0.00	159083	52.0	32.6	2.4	62.4

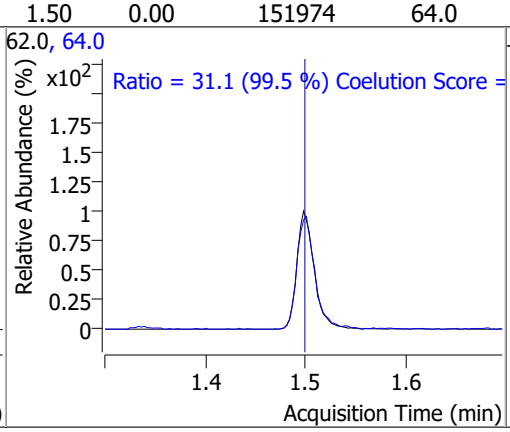


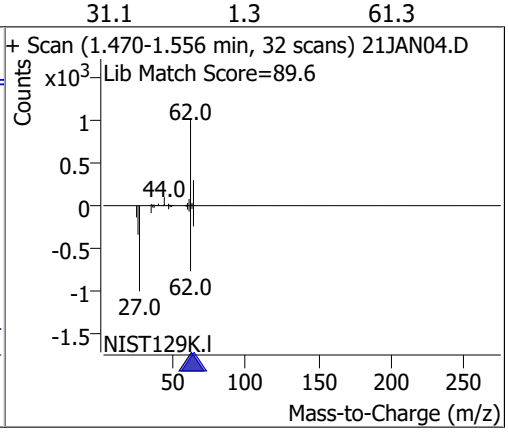




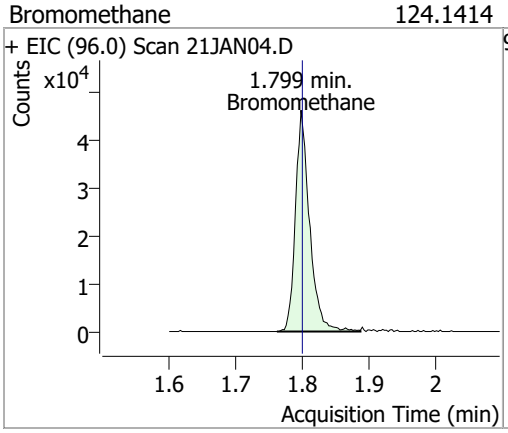
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	119.0594	1.50	0.00	151974	64.0	31.1	1.3	61.3

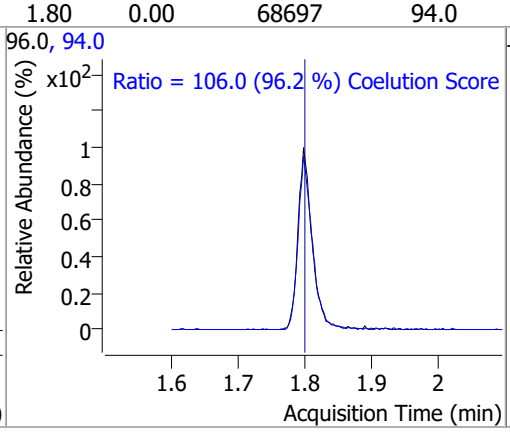


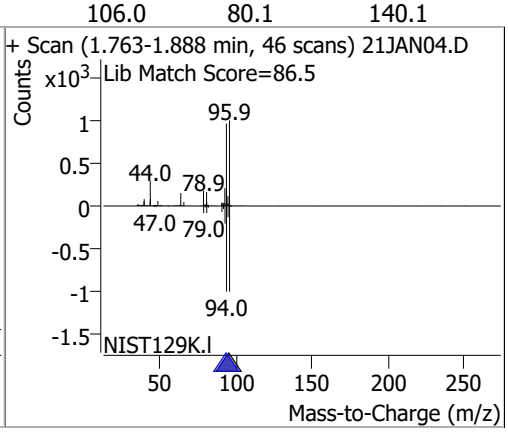




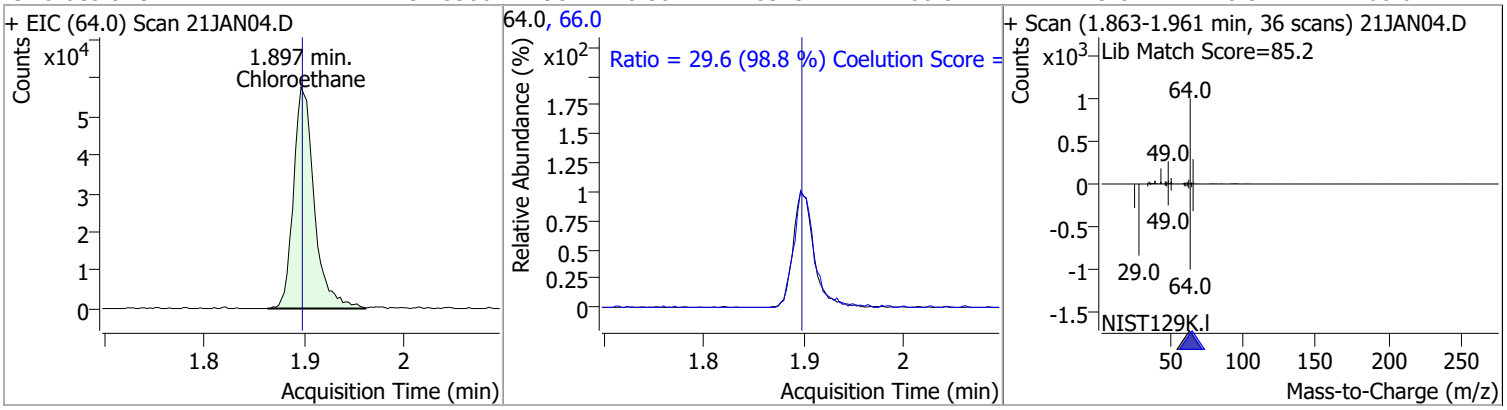
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	124.1414	1.80	0.00	68697	94.0	106.0	80.1	140.1



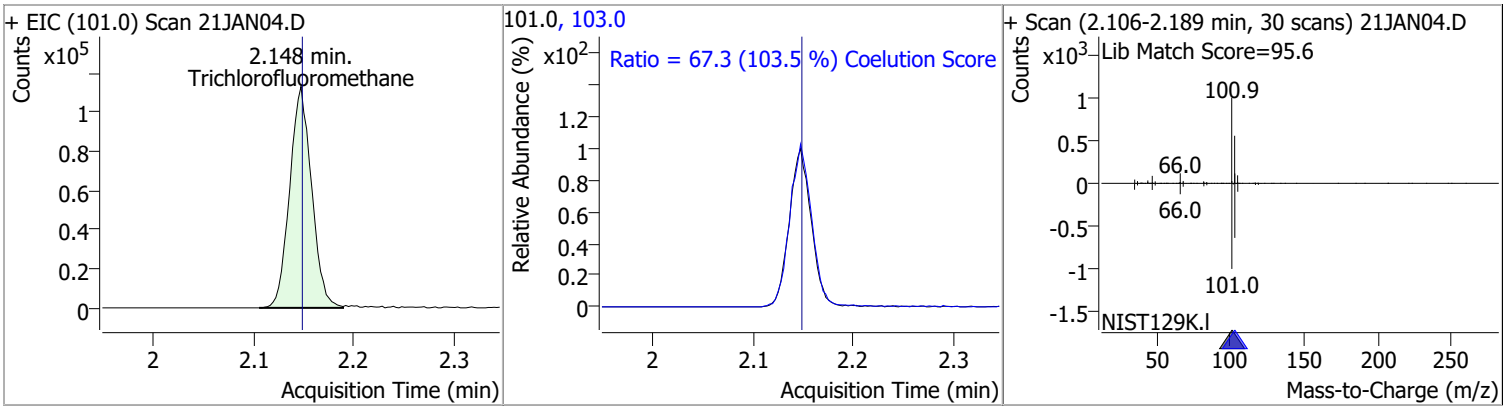




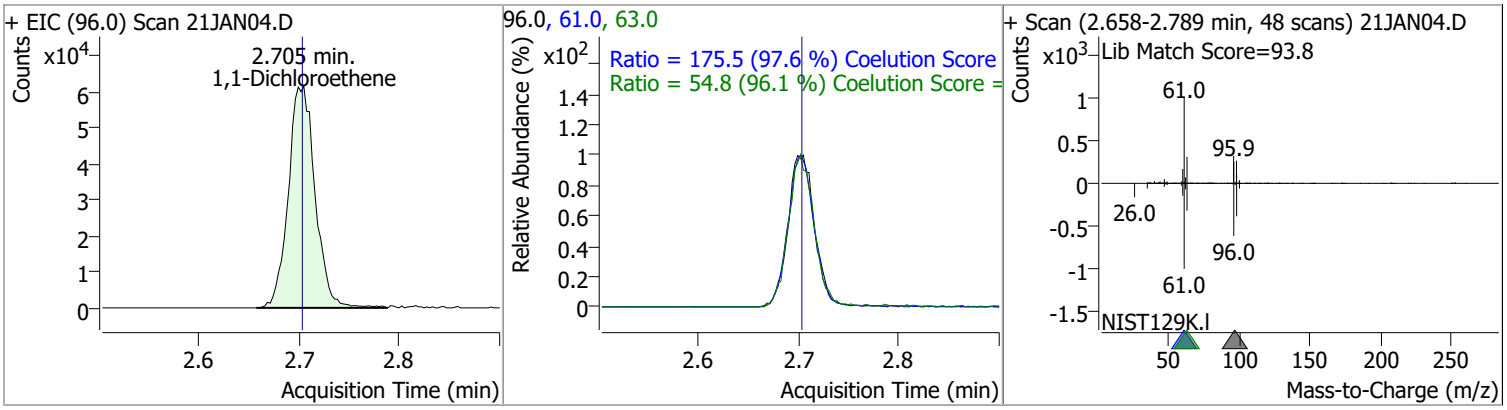
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	137.8300	1.90	0.00	83237	66.0	29.6	0.0	60.0



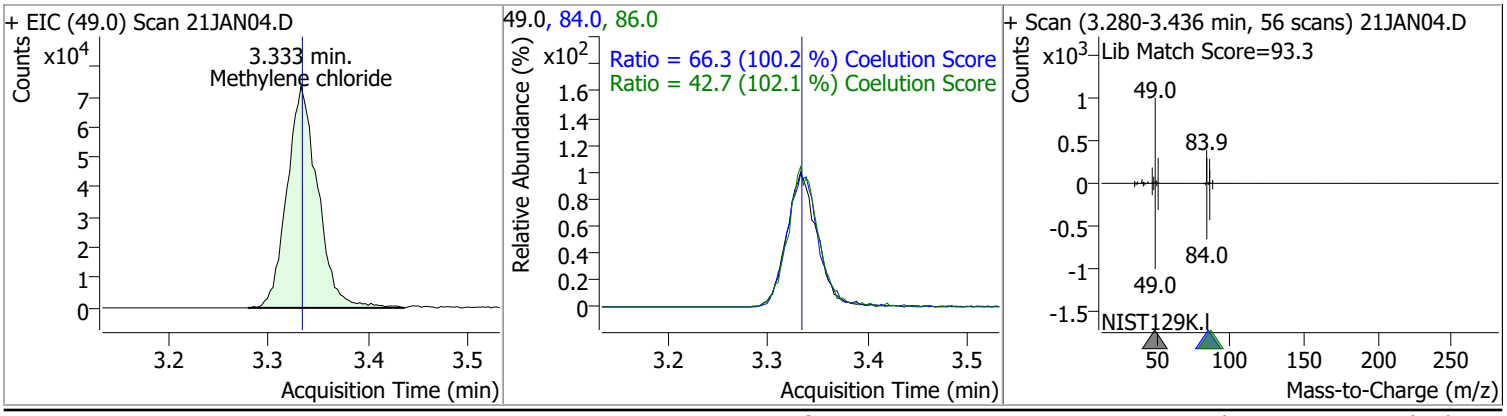
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	111.9213	2.15	0.00	171312	103.0	67.3	35.0	95.0



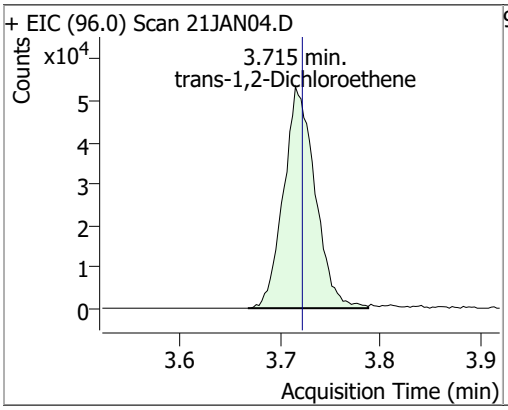
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	128.2832	2.71	0.00	114253	61.0	175.5	149.9	209.9
					63.0	54.8	27.0	87.0

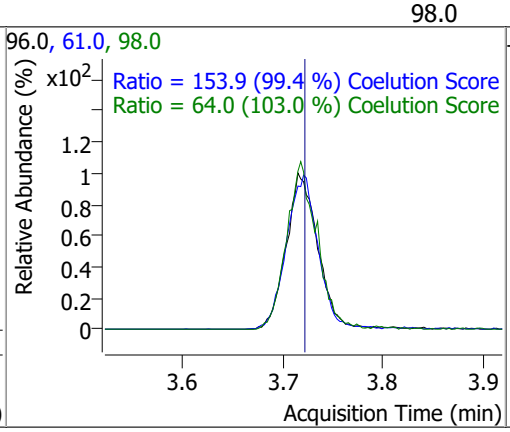


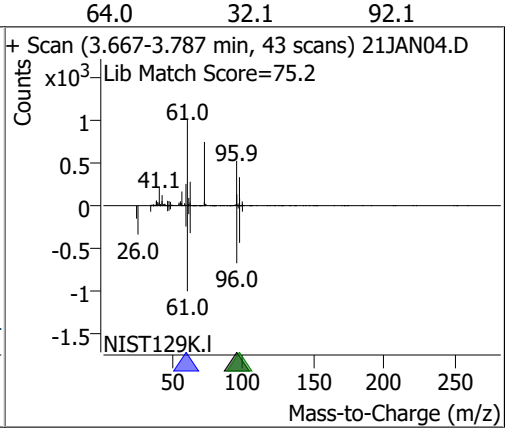
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	120.5897	3.33	0.00	156152	84.0	66.3	36.1	96.1
					86.0	42.7	11.8	71.8



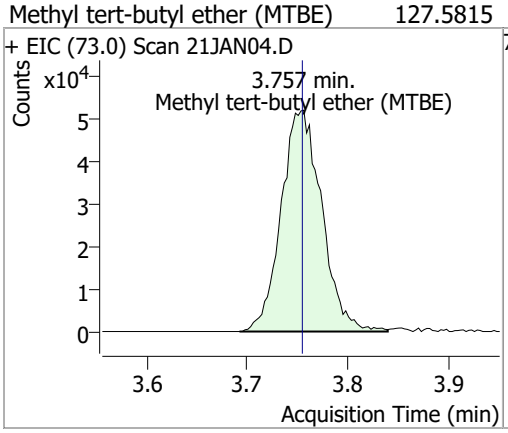
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	126.7438	3.71	-0.01	116613	61.0	153.9	124.8	184.8
					98.0	64.0	32.1	92.1

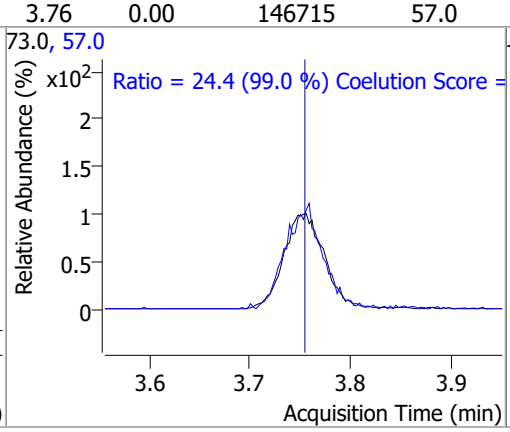


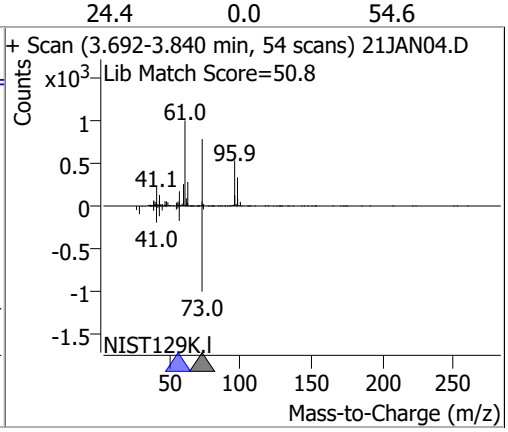




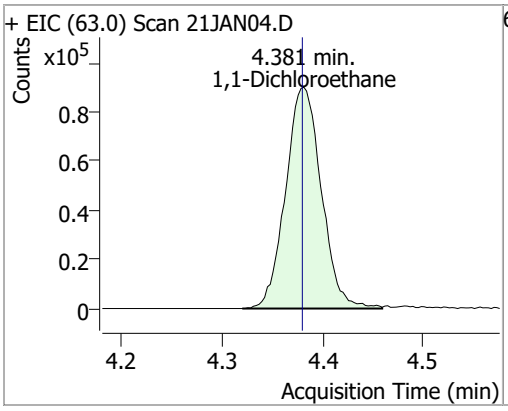
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	127.5815	3.76	0.00	146715	57.0	24.4	0.0	54.6

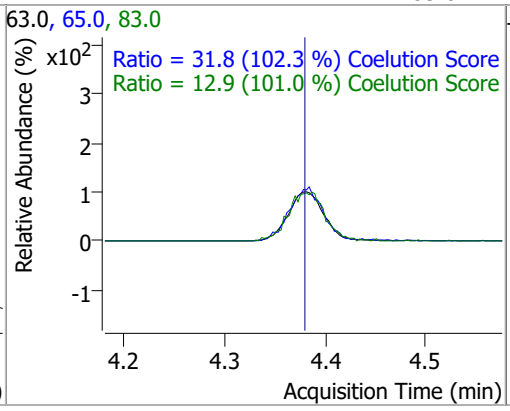


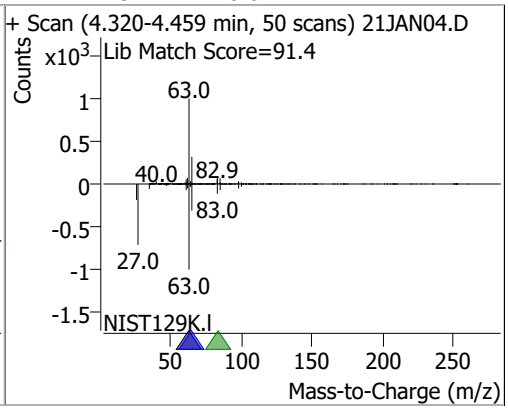




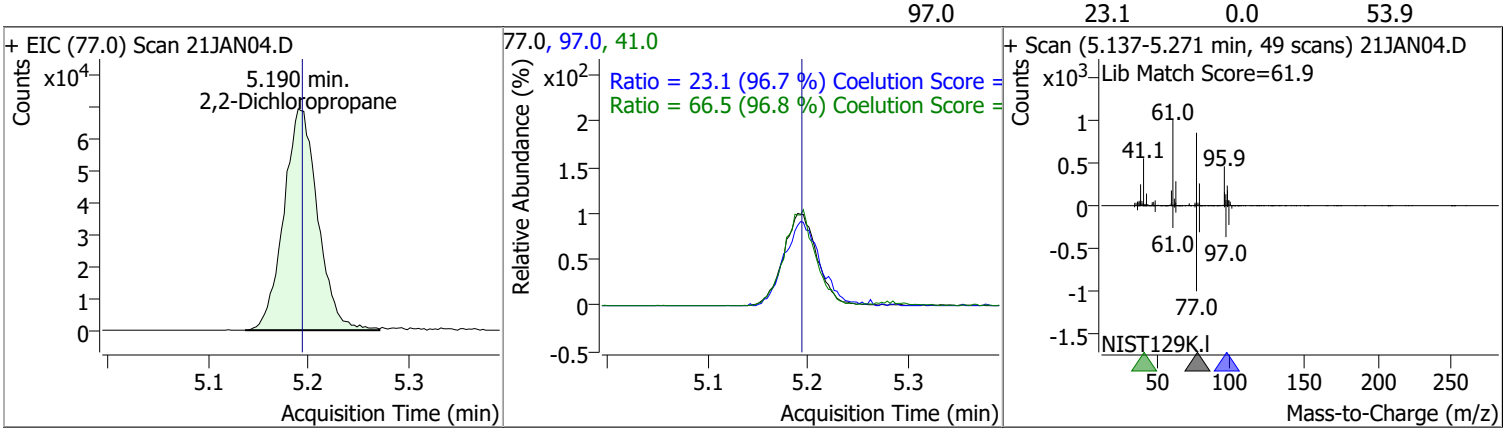
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	129.6081	4.38	0.00	223177	65.0	31.8	1.0	61.0
					83.0	12.9	0.0	42.7



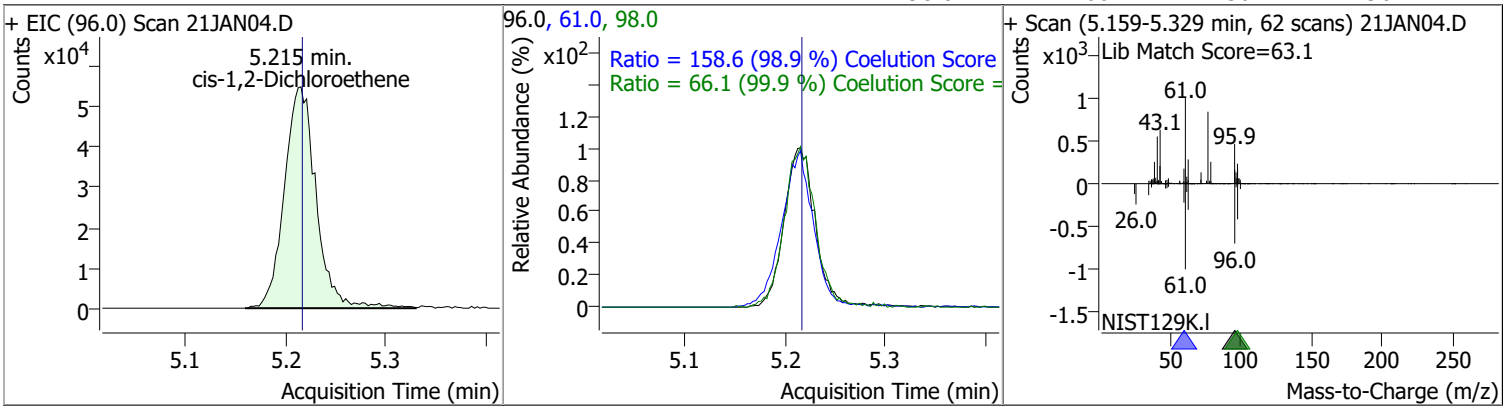




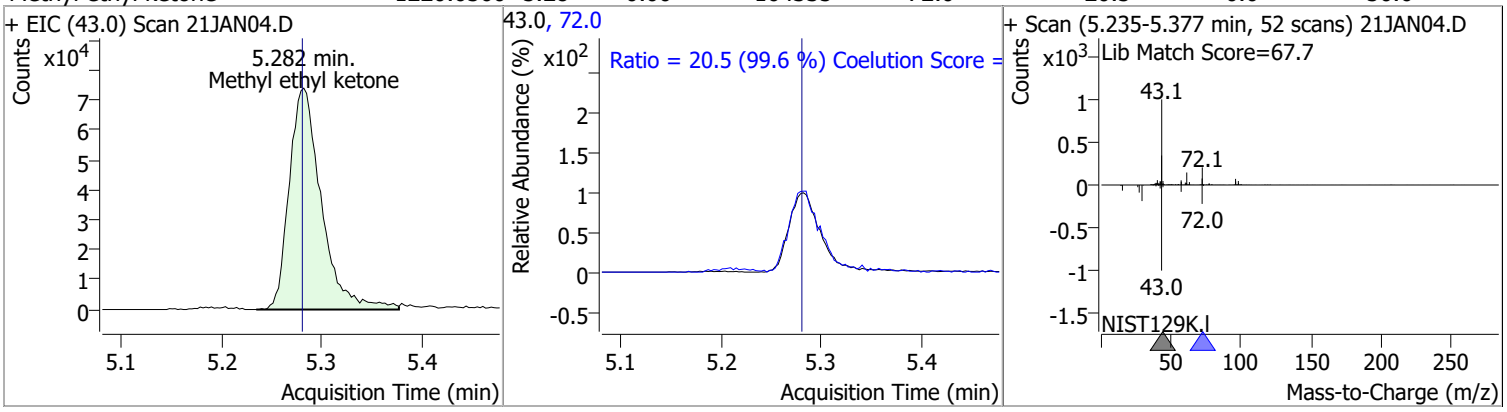
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	125.9409	5.19	0.00	163430	41.0	66.5	38.8	98.8
					97.0	23.1	0.0	53.9



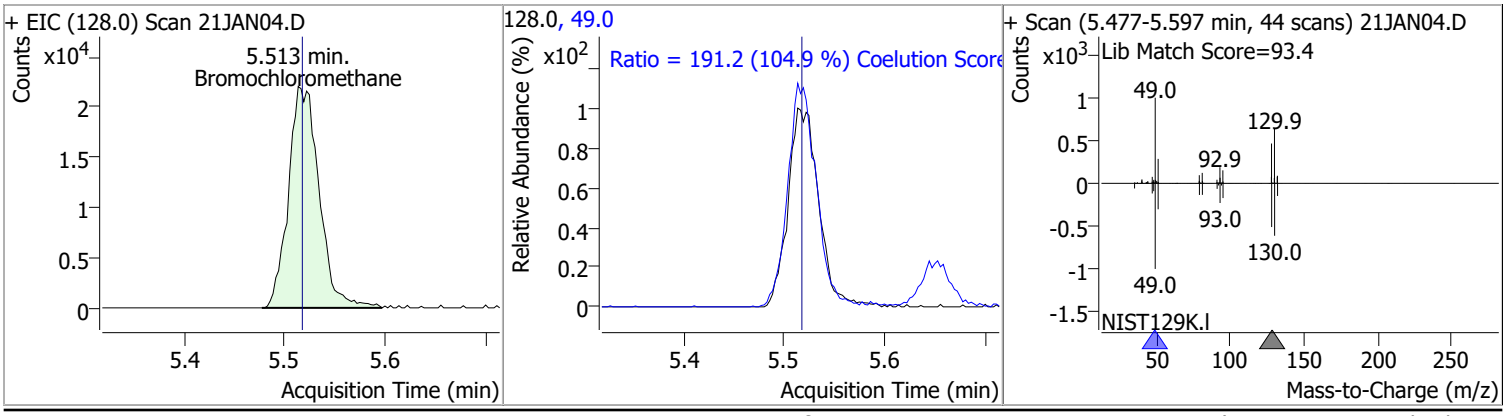
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	129.6881	5.22	0.00	120815	61.0	158.6	130.4	190.4
					98.0	66.1	36.2	96.2



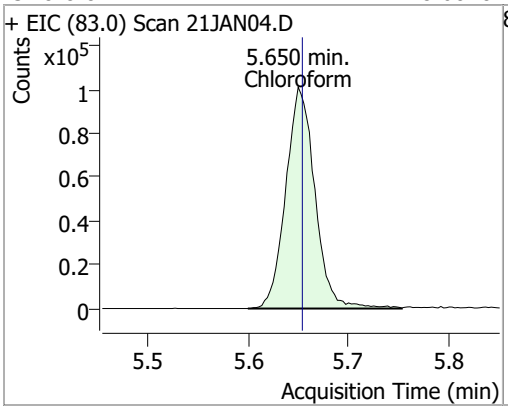
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1220.6560	5.28	0.00	164335	72.0	20.5	0.0	50.6

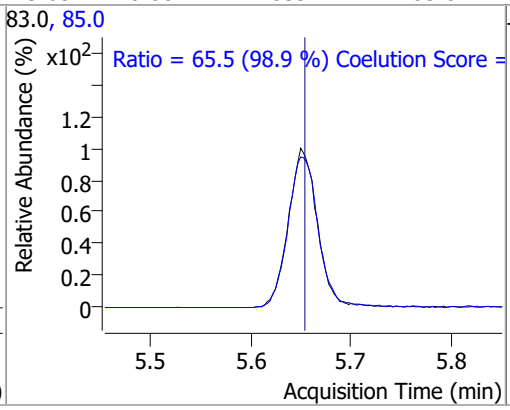


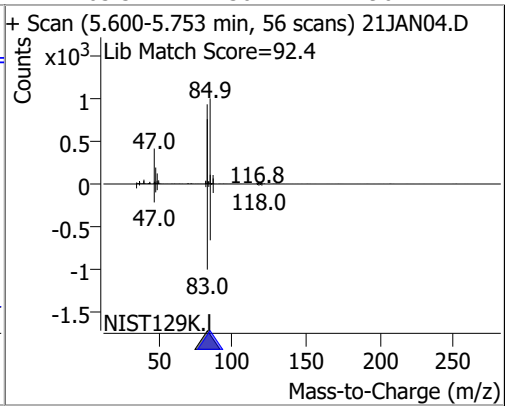
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	121.9006	5.51	0.00	46822	49.0	191.2	152.2	212.2



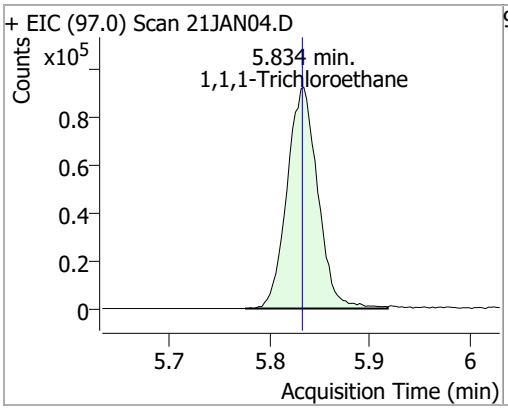
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	118.6040	5.65	0.00	203917	85.0	65.5	36.2	96.2

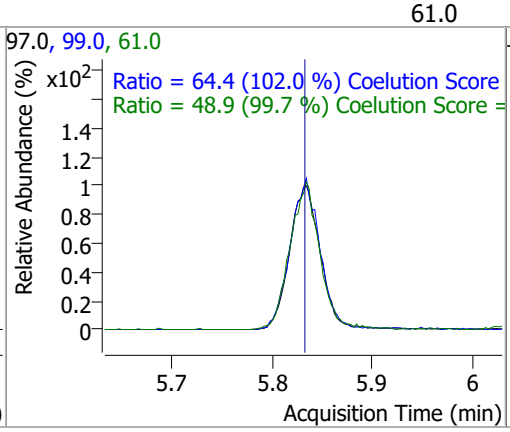


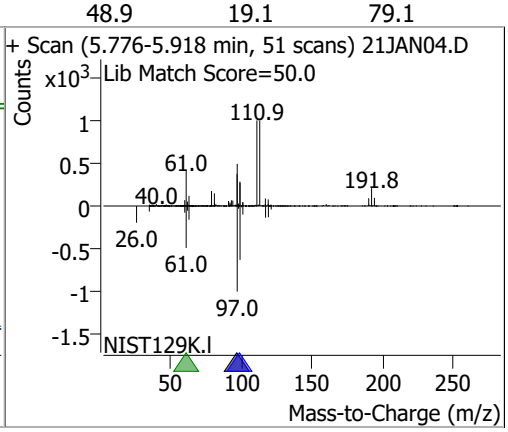




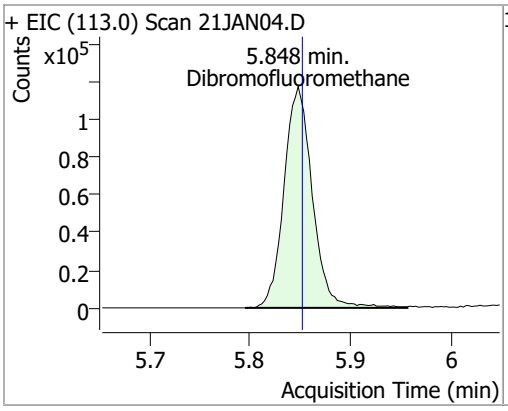
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	124.0809	5.83	0.00	196834	99.0	64.4	33.1	93.1
					61.0	48.9	19.1	79.1

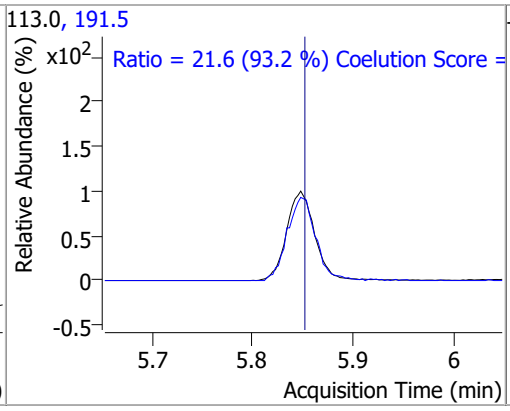


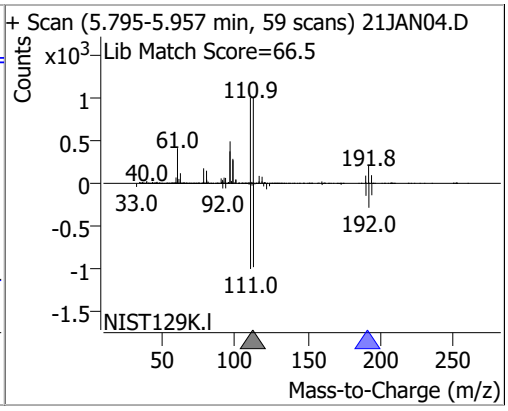




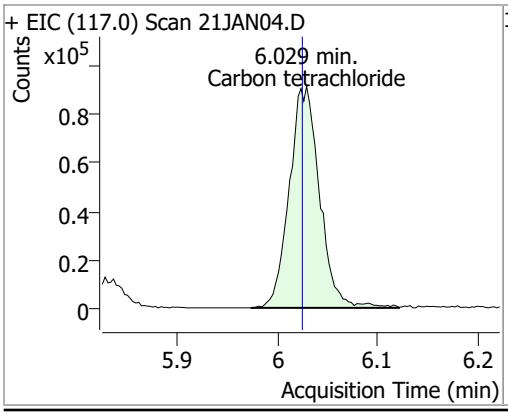
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	269.2747	5.85	0.00	231039	191.5	21.6	0.0	53.2

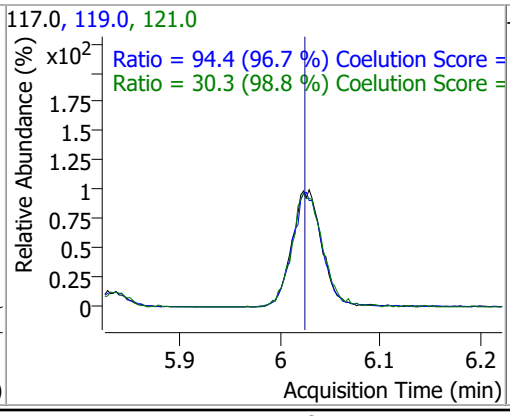


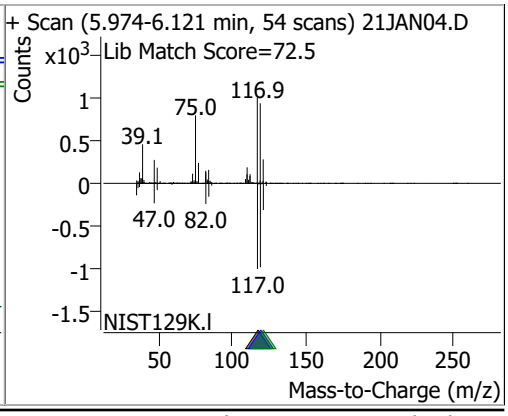




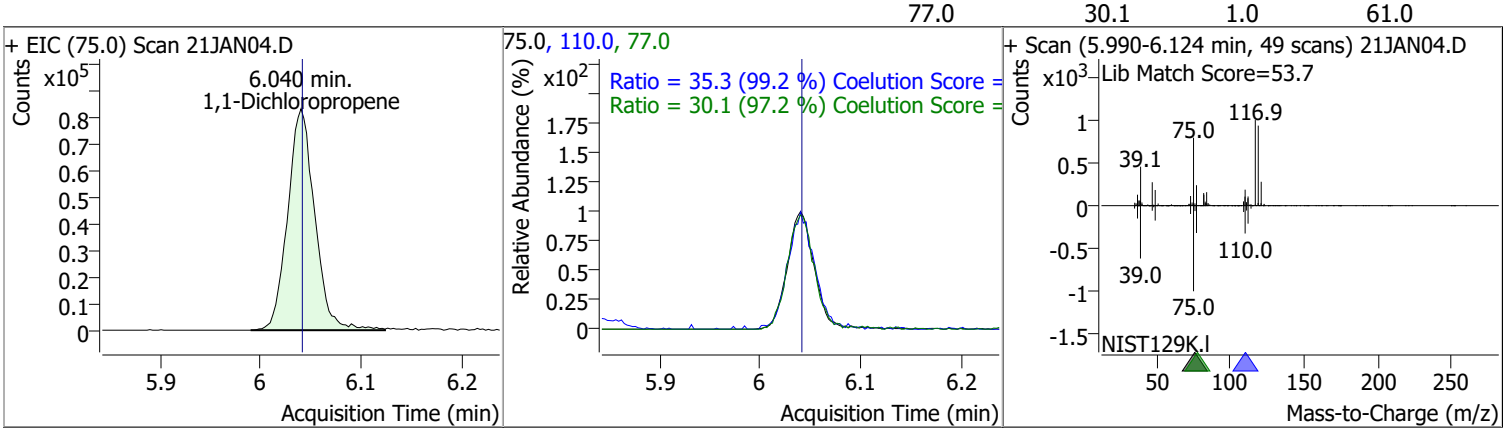
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	125.2614	6.03	0.01	192719	119.0	94.4	67.6	127.6
					121.0	30.3	0.7	60.7



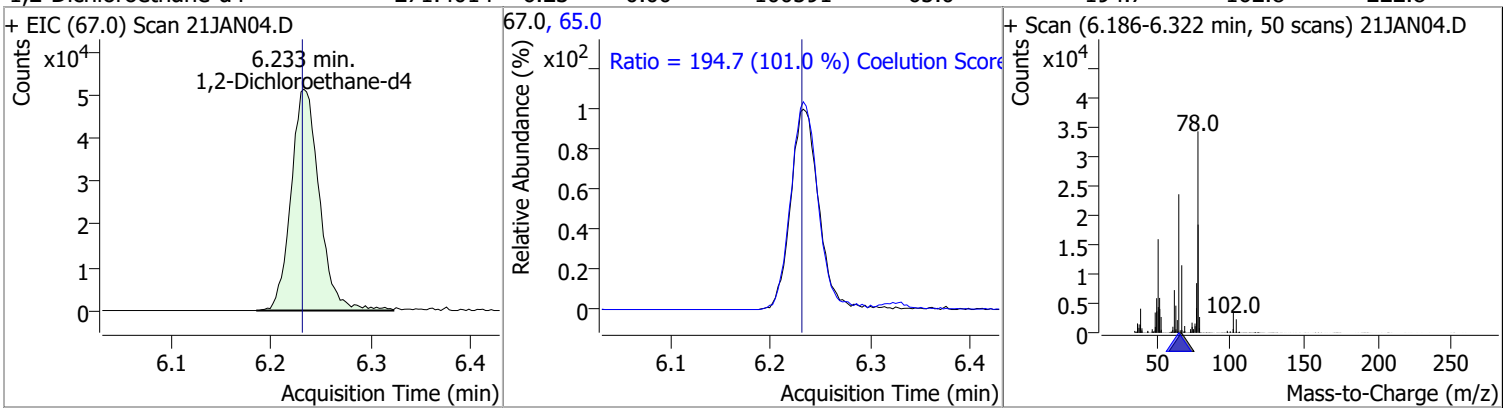




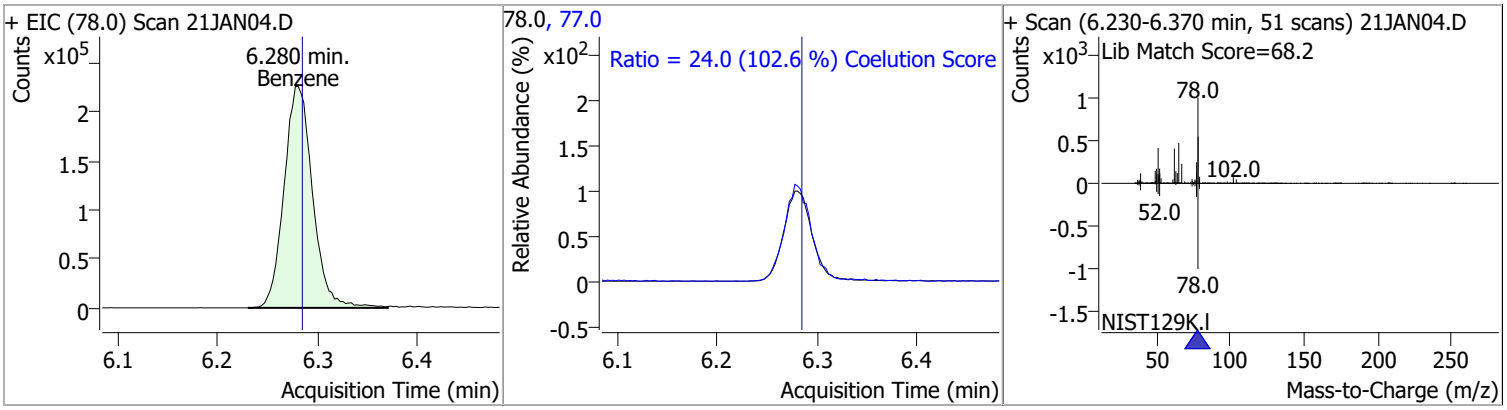
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	121.4430	6.04	0.00	156221	110.0	35.3	5.6	65.6
					77.0	30.1	1.0	61.0



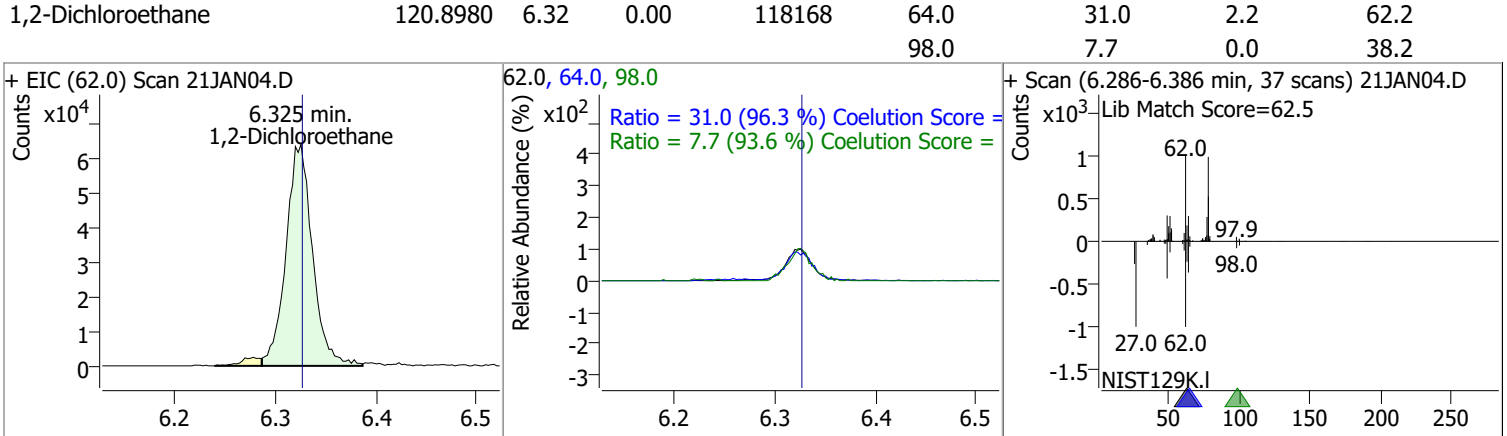
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	271.4014	6.23	0.00	100591	65.0	194.7	162.8	222.8



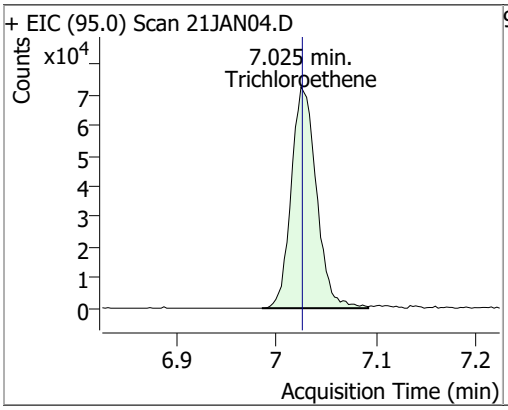
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	126.7041	6.28	0.00	448376	77.0	24.0	0.0	53.3

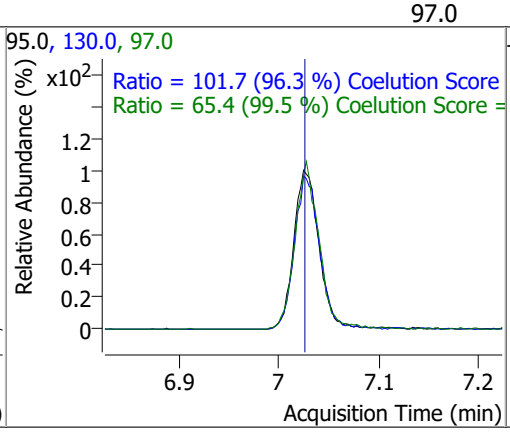


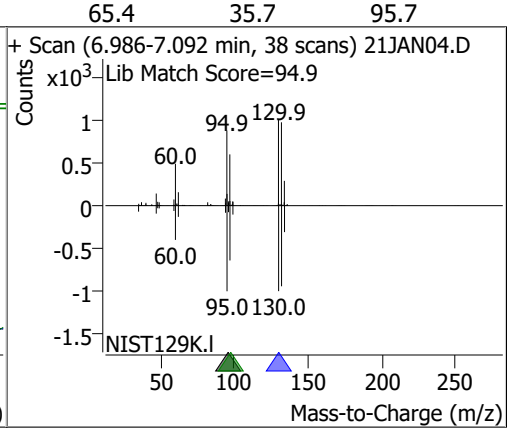
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	120.8980	6.32	0.00	118168	64.0	31.0	2.2	62.2
					98.0	7.7	0.0	38.2



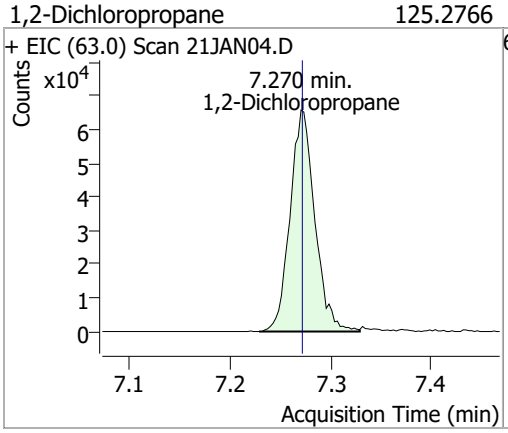
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	124.4627	7.02	0.00	127302	130.0	101.7	75.6	135.6
					97.0	65.4	35.7	95.7

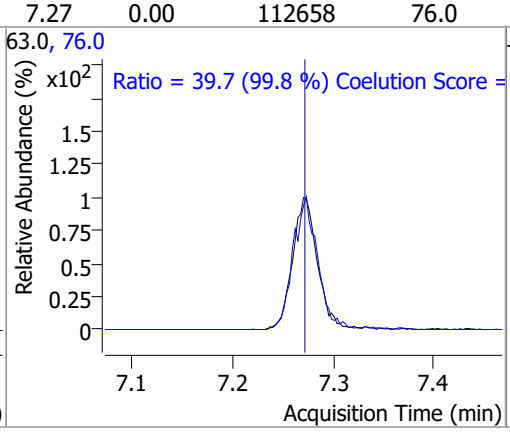


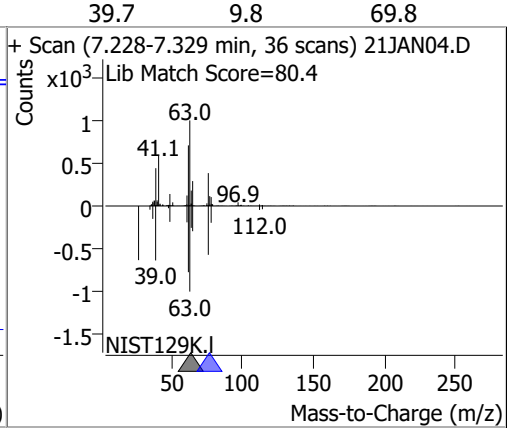




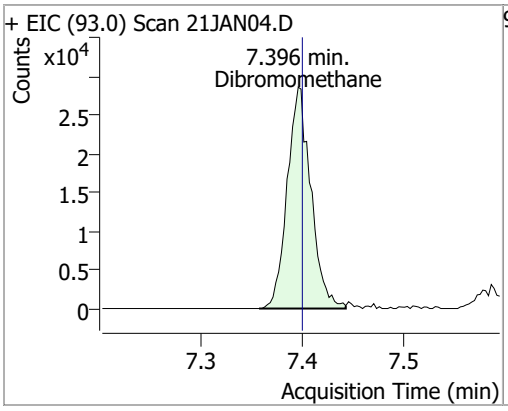
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	125.2766	7.27	0.00	112658	76.0	39.7	9.8	69.8

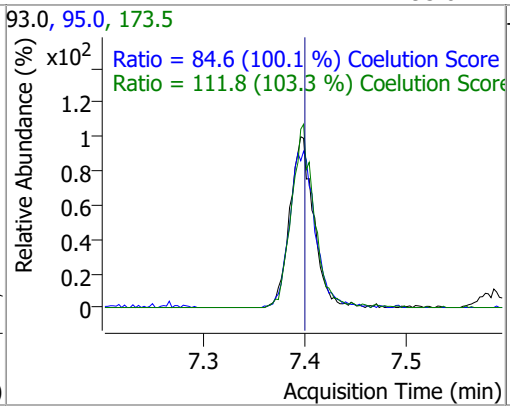


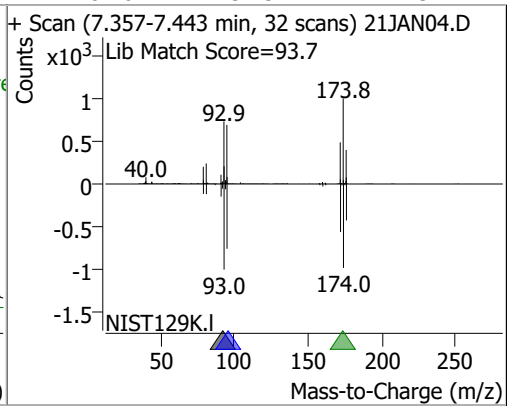




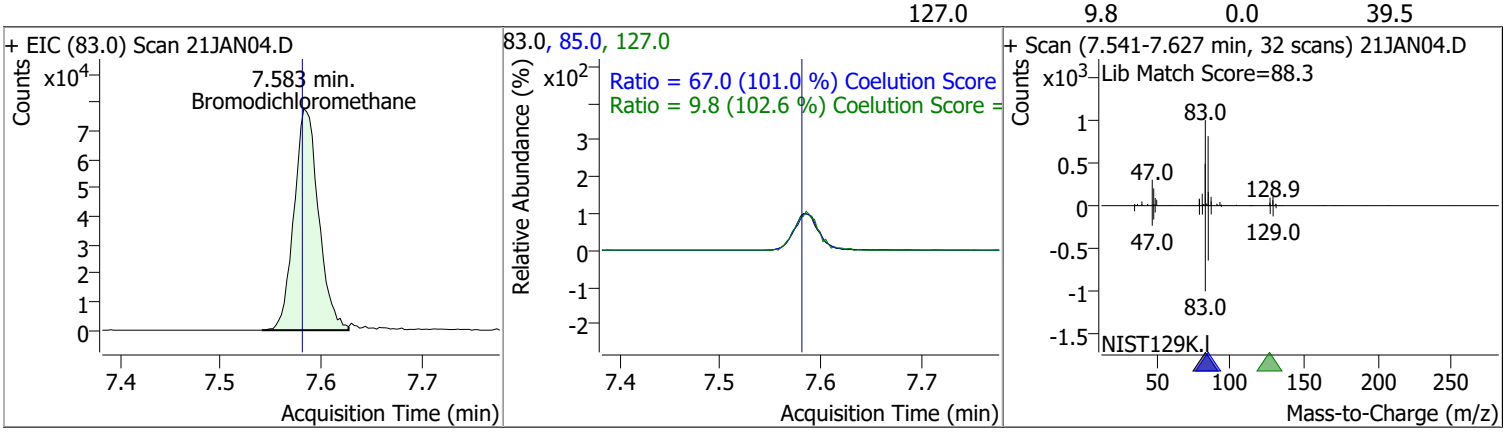
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	123.5861	7.40	0.00	46845	173.5	111.8	78.2	138.2
					95.0	84.6	54.5	114.5



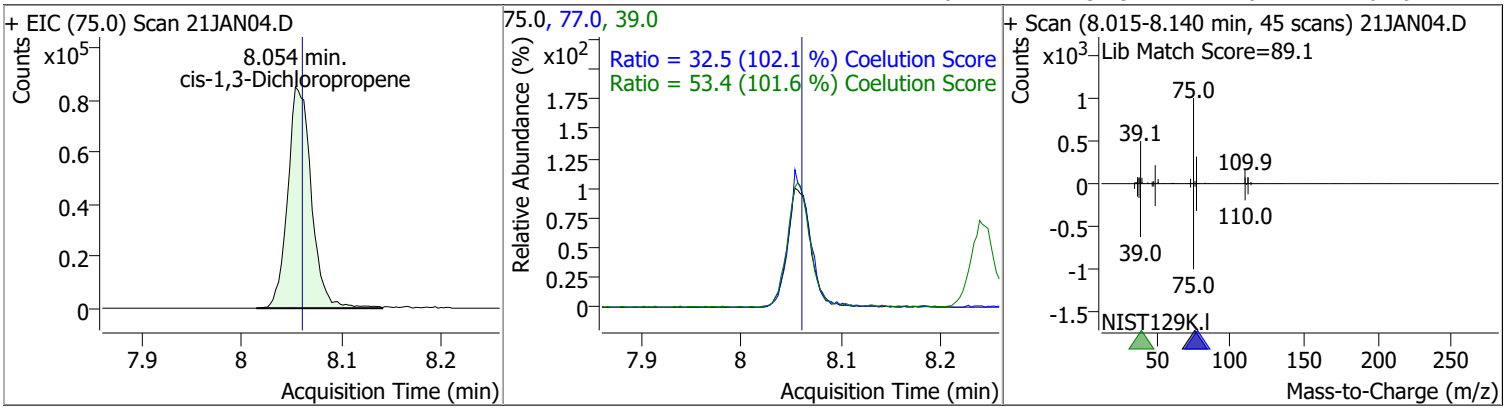




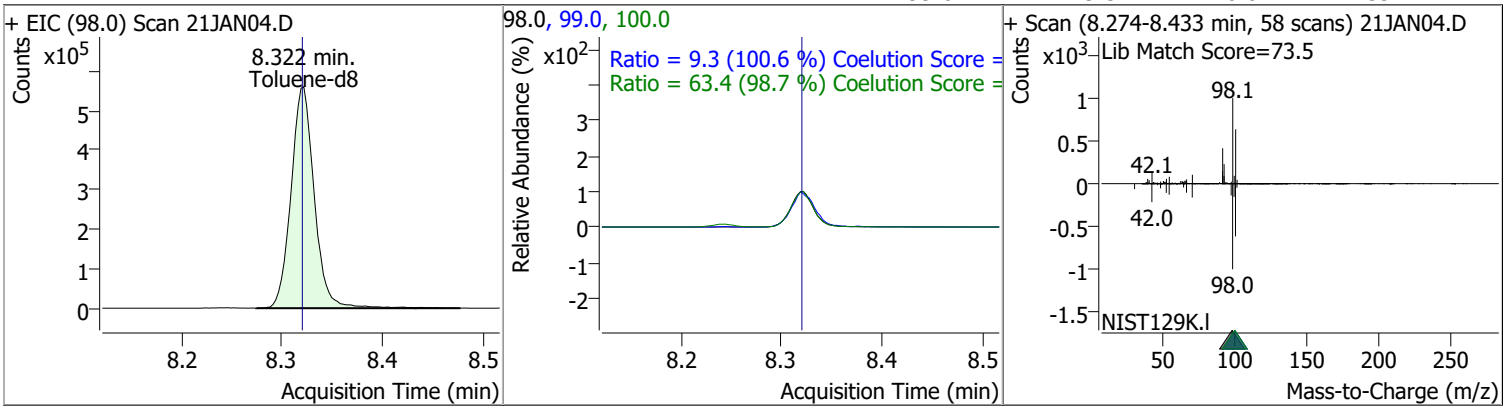
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	124.0386	7.58	0.00	132209	85.0	67.0	36.3	96.3
					127.0	9.8	0.0	39.5



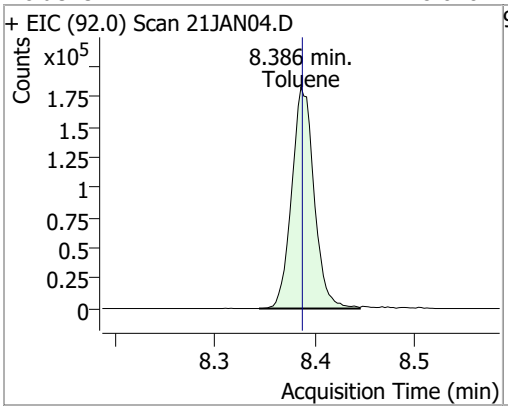
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	119.3695	8.05	-0.01	139616	39.0	53.4	22.5	82.5
					77.0	32.5	1.8	61.8

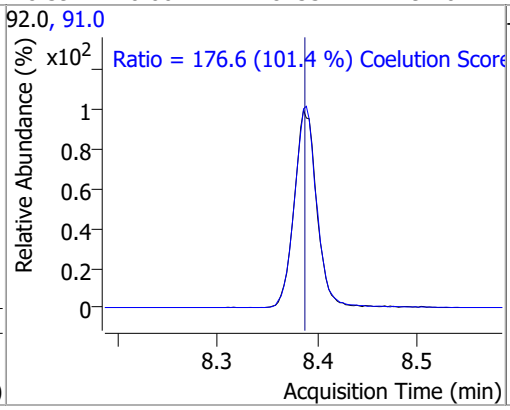


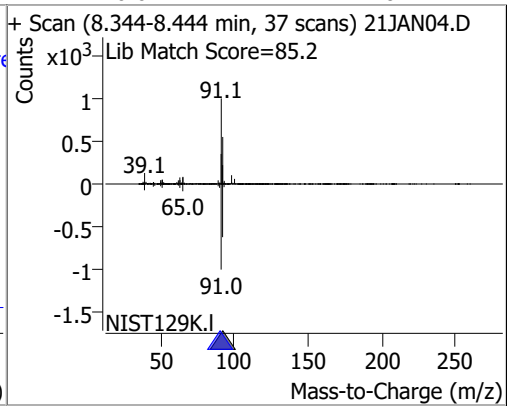
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	269.7000	8.32	0.00	898941	100.0	63.4	34.3	94.3
					99.0	9.3	0.0	39.2



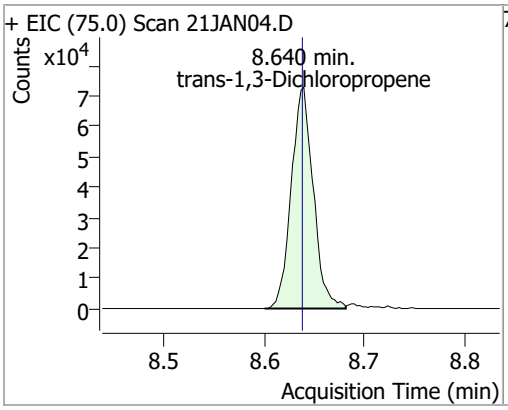
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	128.0704	8.39	0.00	284537	91.0	176.6	144.1	204.1

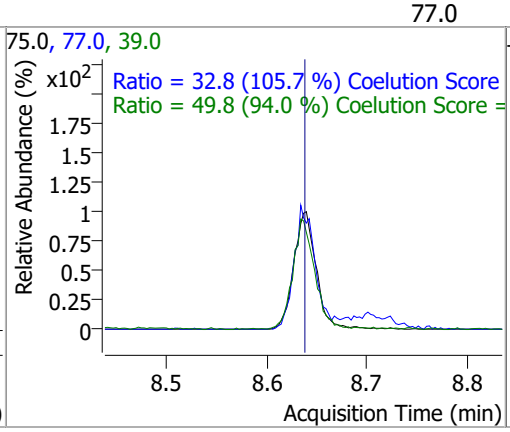


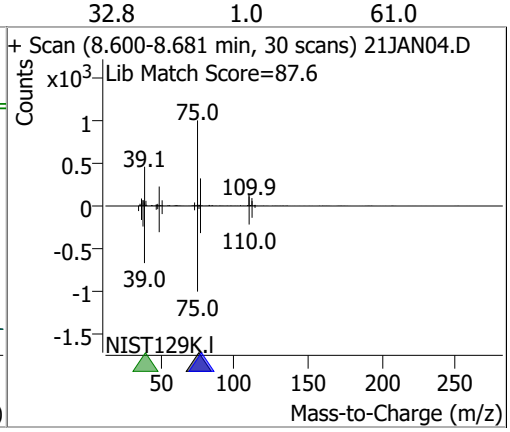




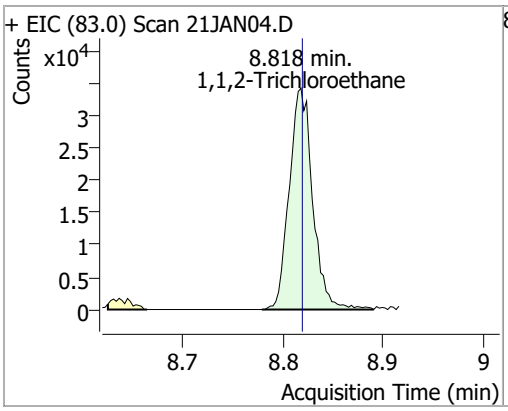
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	130.4222	8.64	0.00	111269	39.0	49.8	23.0	83.0
					77.0	32.8	1.0	61.0

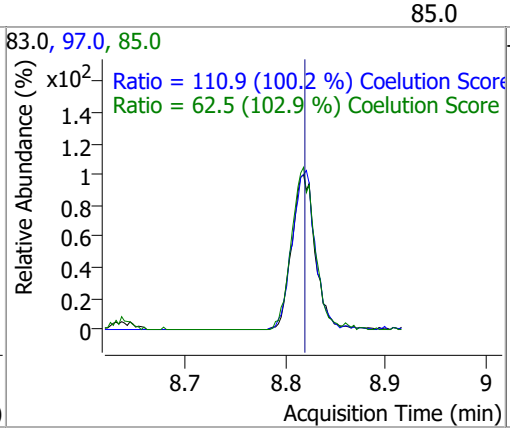


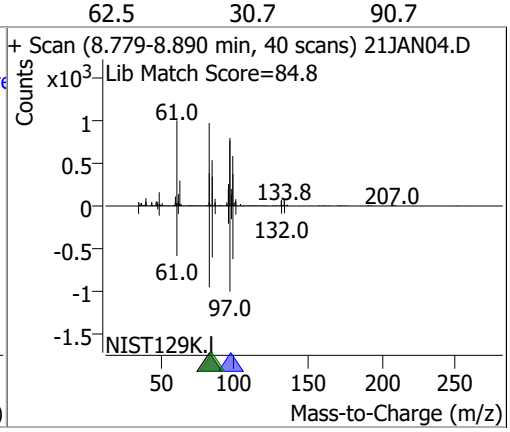




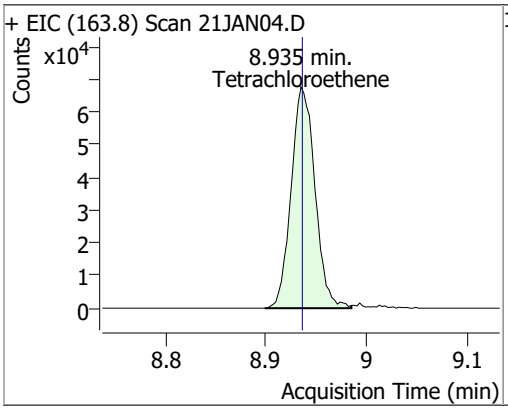
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	127.8253	8.82	0.00	55452	97.0	110.9	80.7	140.7
					85.0	62.5	30.7	90.7

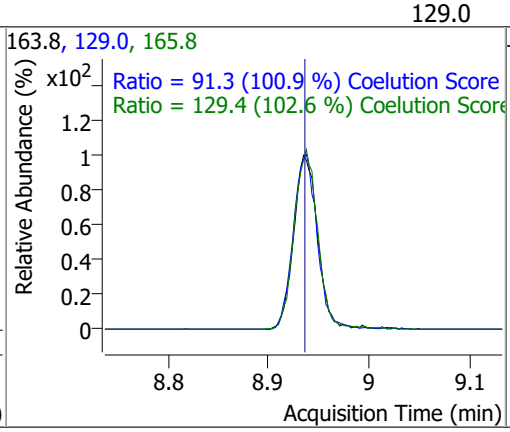


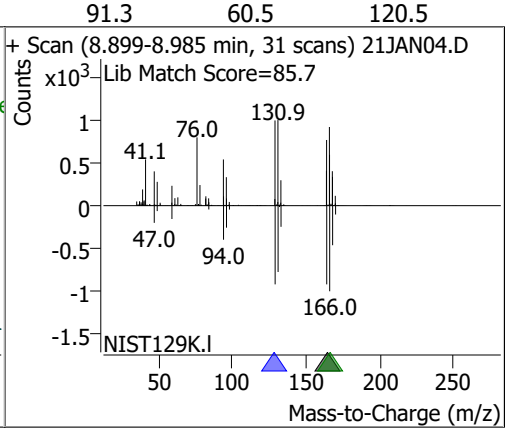




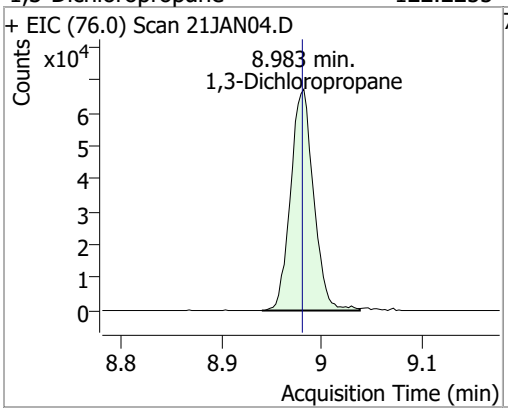
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	123.6891	8.94	0.00	111434	165.8	129.4	96.1	156.1
					129.0	91.3	60.5	120.5

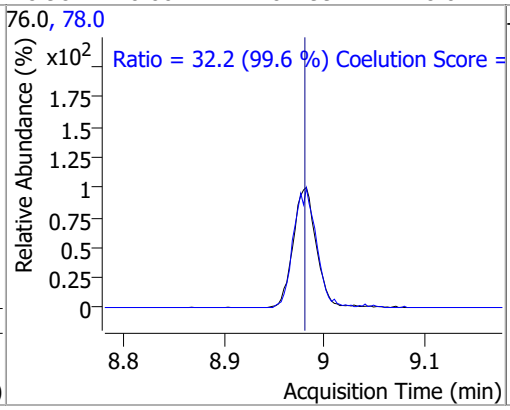


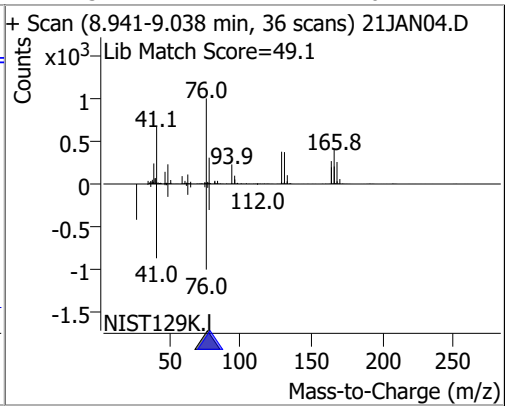




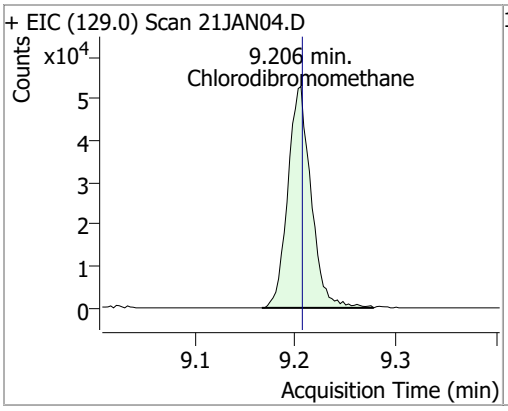
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	122.2255	8.98	0.00	107299	78.0	32.2	2.4	62.4

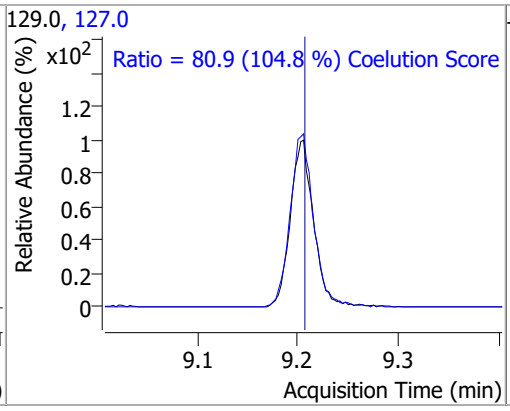


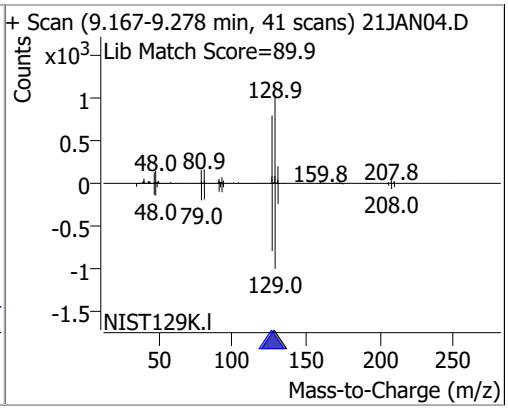




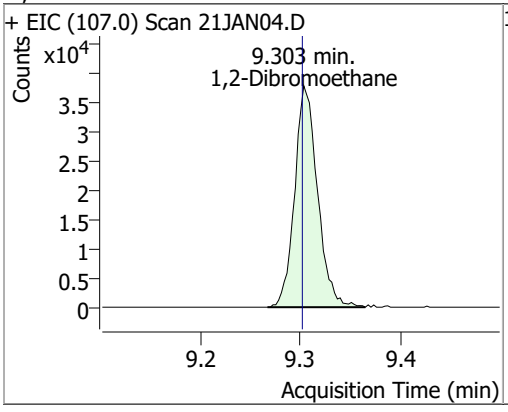
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	121.8677	9.21	0.00	85144	127.0	80.9	47.2	107.2

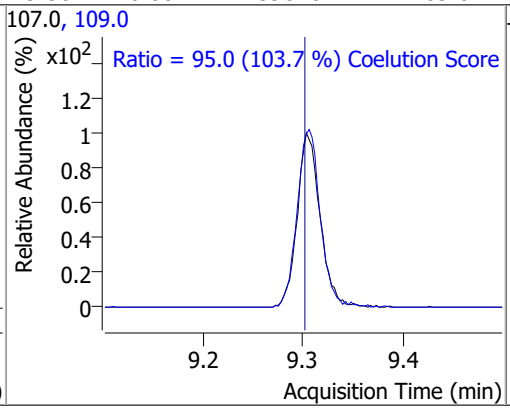


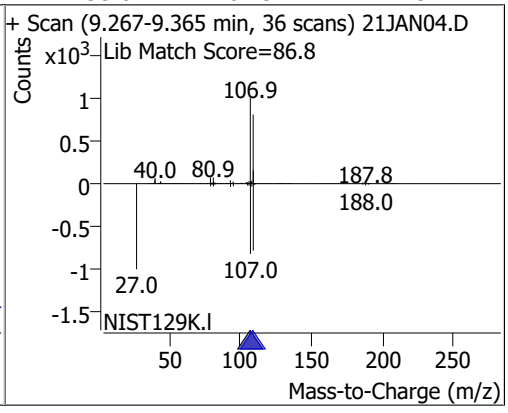




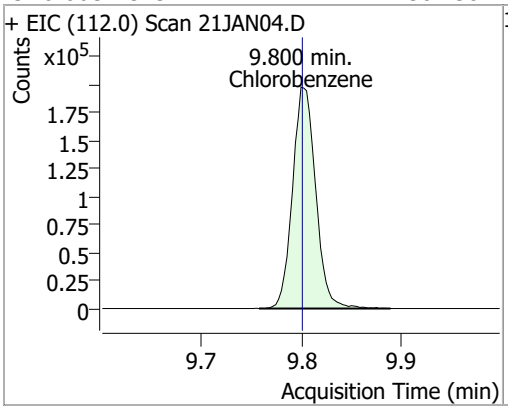
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	124.8315	9.30	0.00	59810	109.0	95.0	61.5	121.5

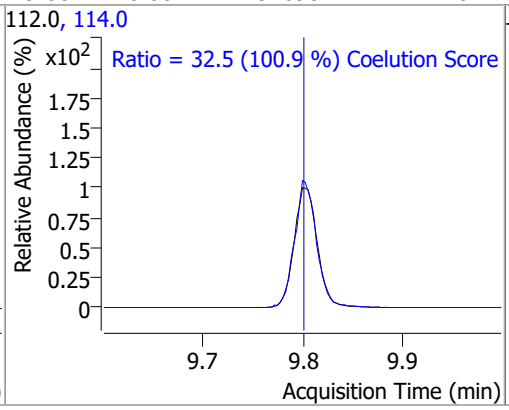


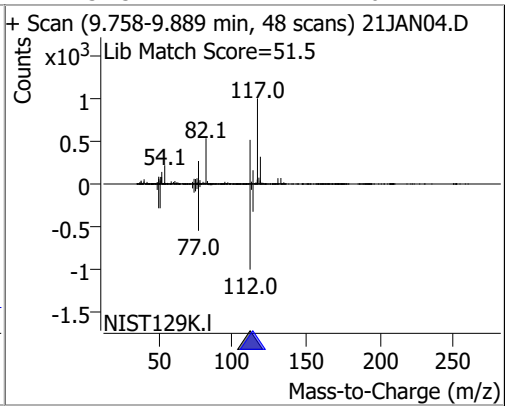




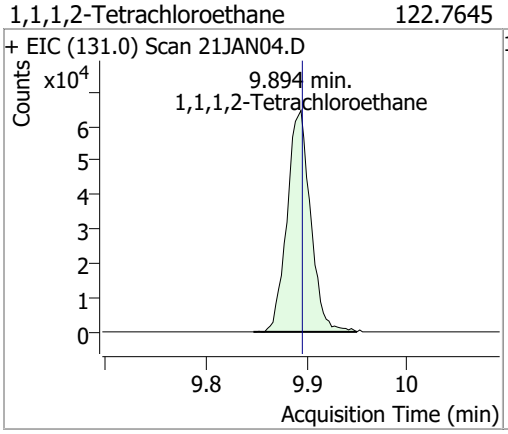
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	130.1382	9.80	0.00	316957	114.0	32.5	2.2	62.2

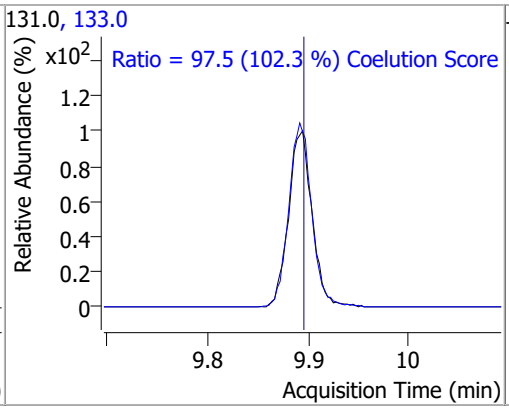


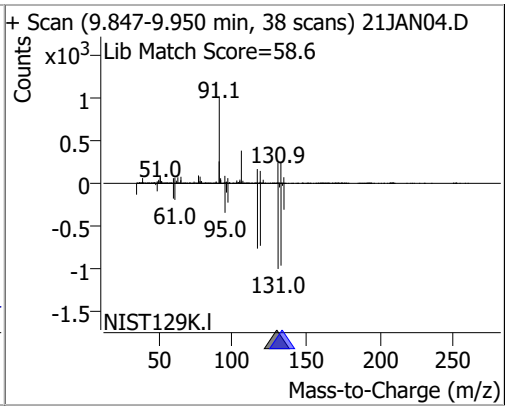




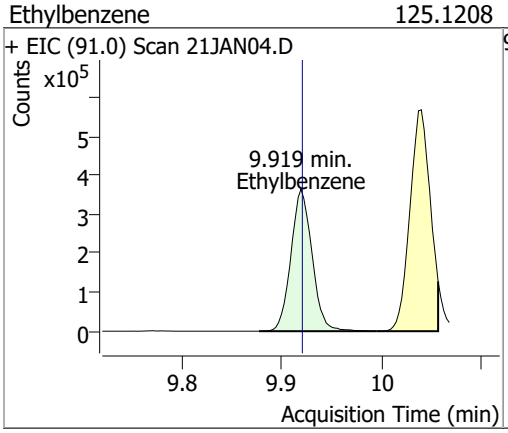
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	122.7645	9.89	0.00	104908	133.0	97.5	65.3	125.3

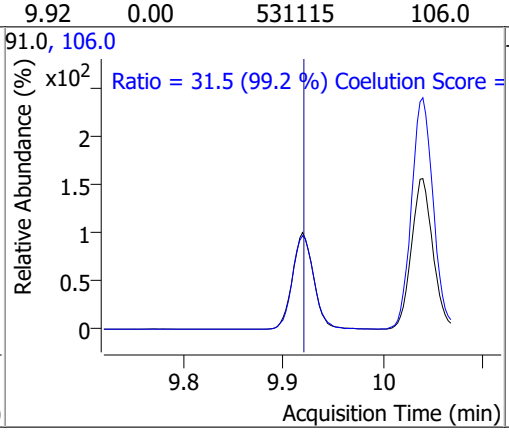


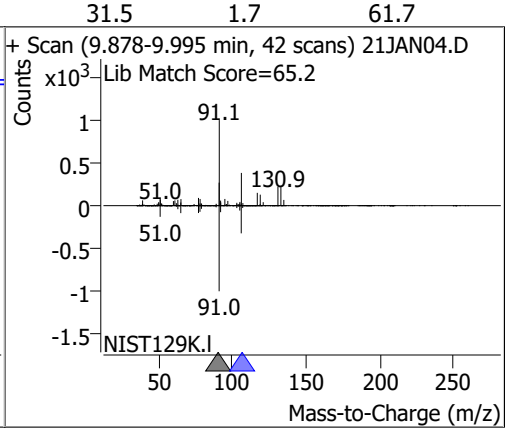




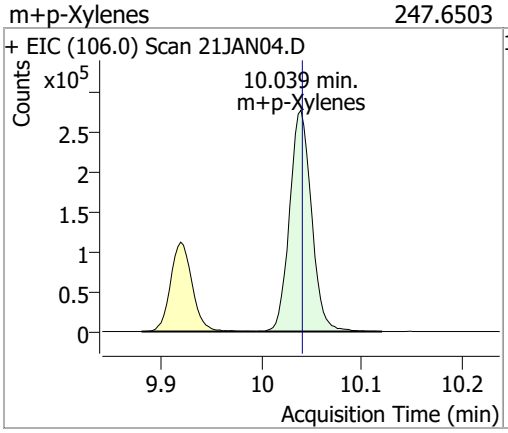
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	125.1208	9.92	0.00	531115	106.0	31.5	1.7	61.7

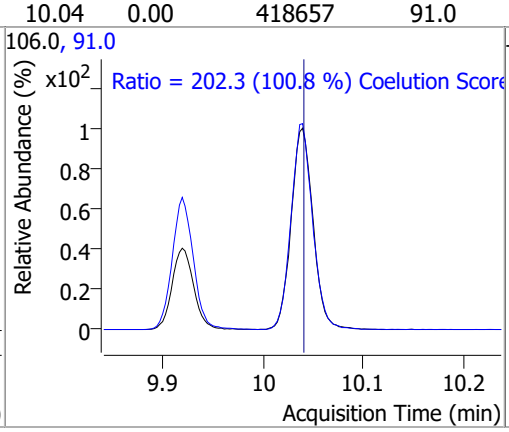


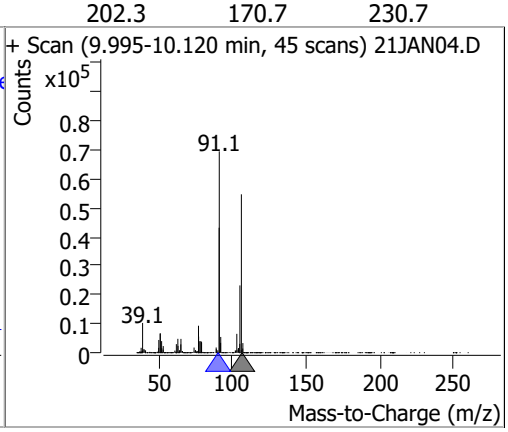




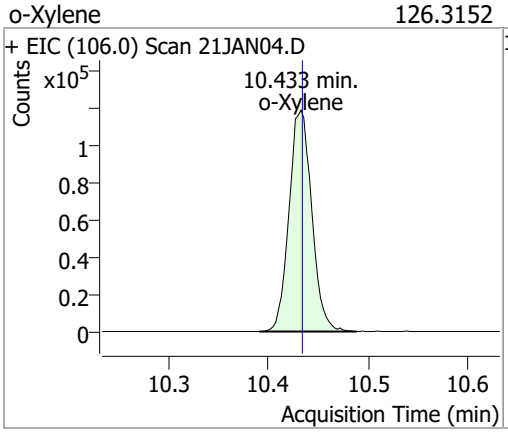
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	247.6503	10.04	0.00	418657	91.0	202.3	170.7	230.7

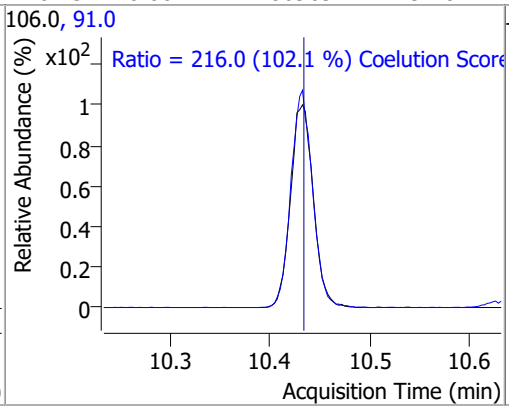


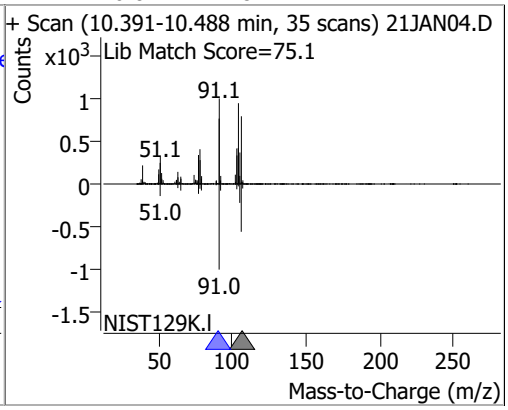




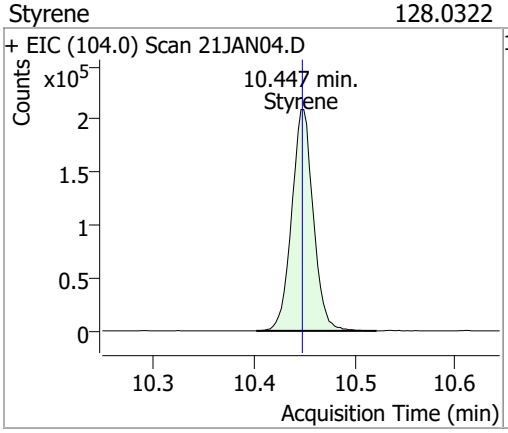
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	126.3152	10.43	0.00	186909	91.0	216.0	181.4	241.4

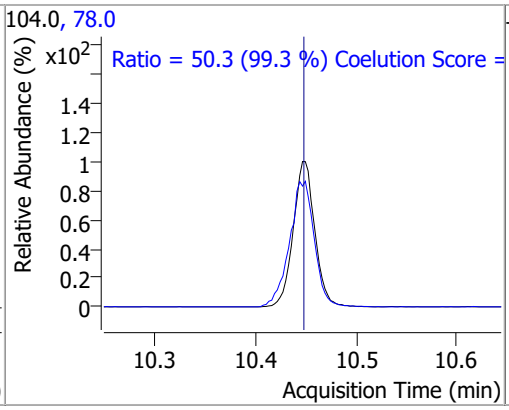


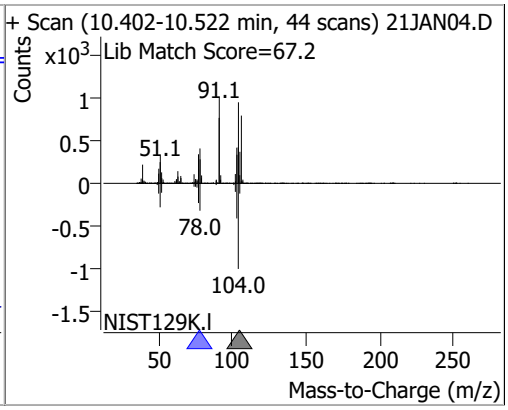




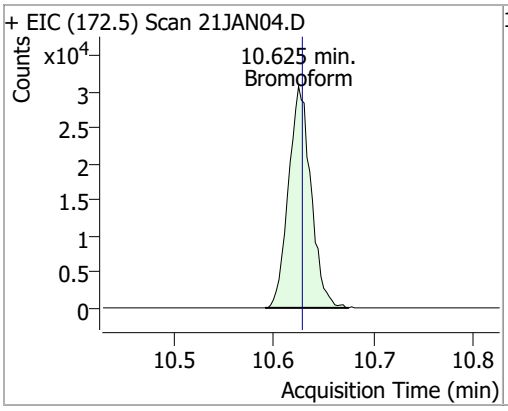
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	128.0322	10.45	0.00	313436	78.0	50.3	20.6	80.6

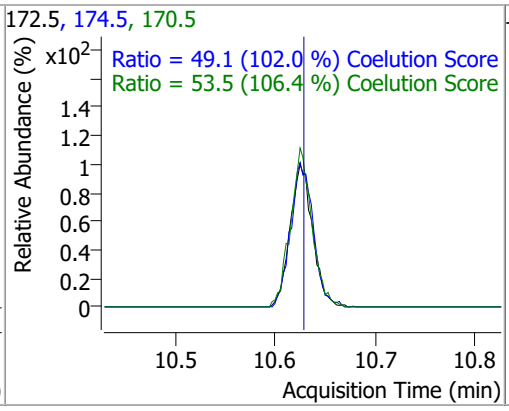


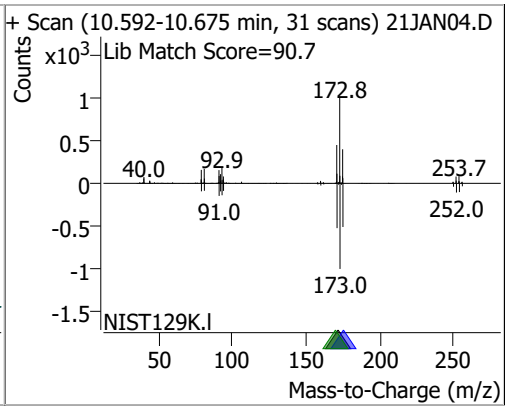




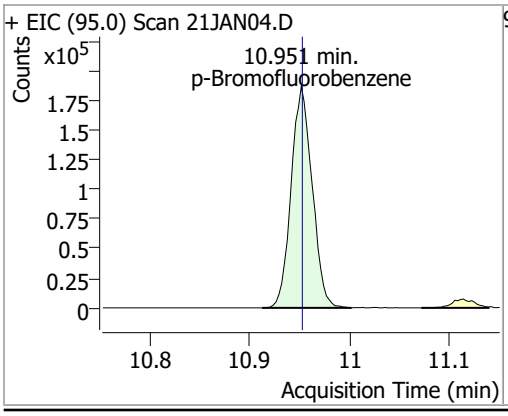
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	124.5709	10.63	0.00	47839	170.5	53.5	20.3	80.3
					174.5	49.1	18.1	78.1

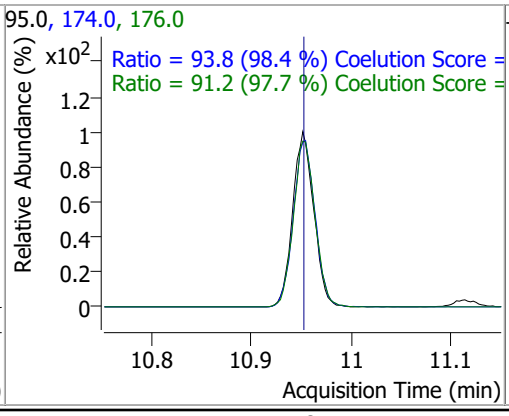


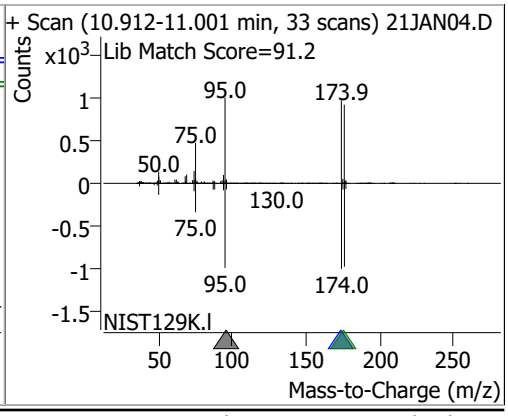




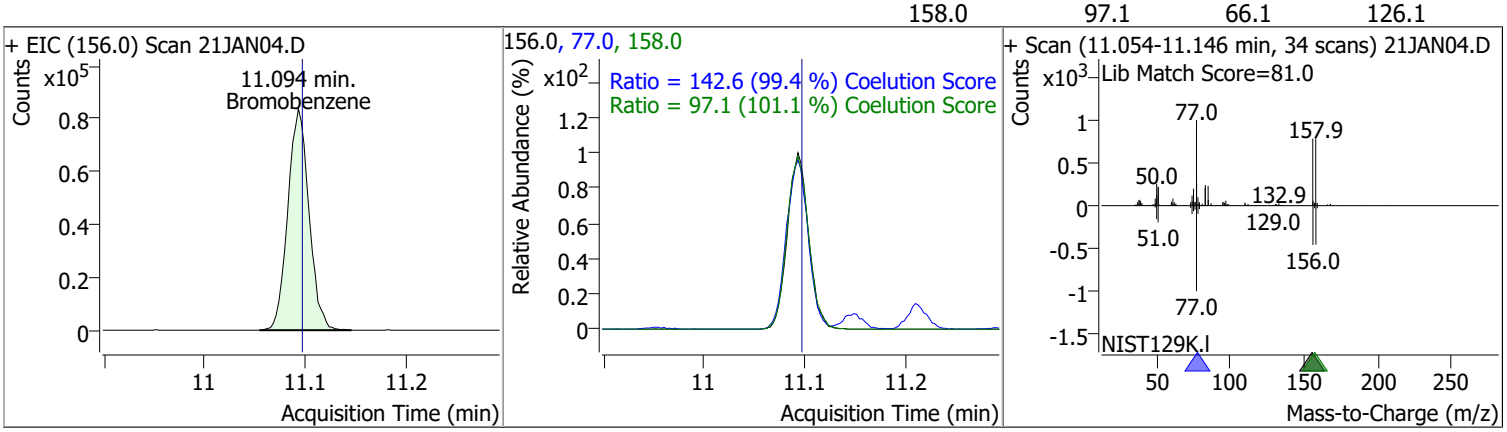
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	257.4856	10.95	0.00	272463	174.0	93.8	65.3	125.3
					176.0	91.2	63.3	123.3



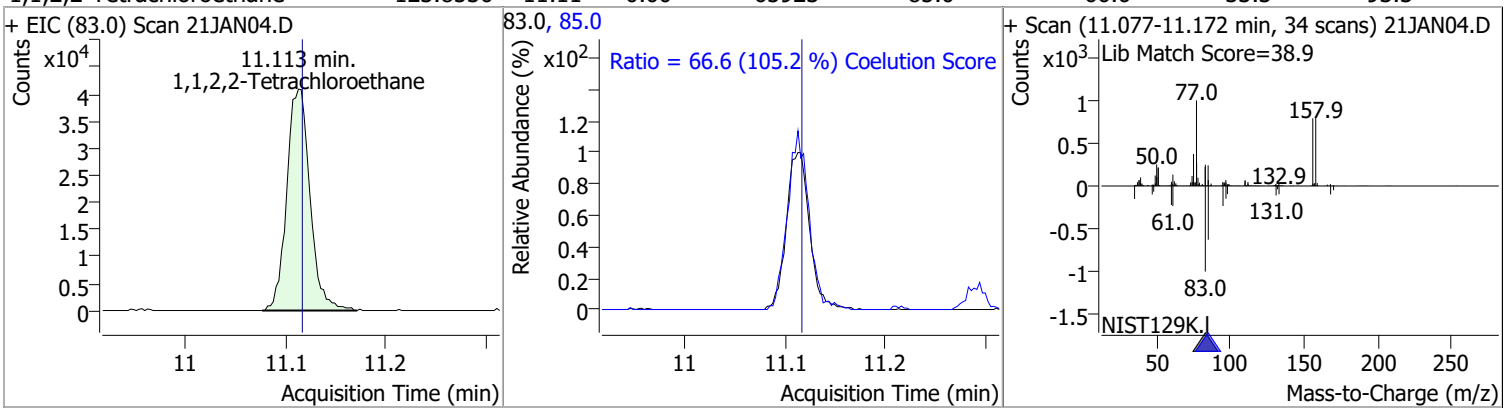




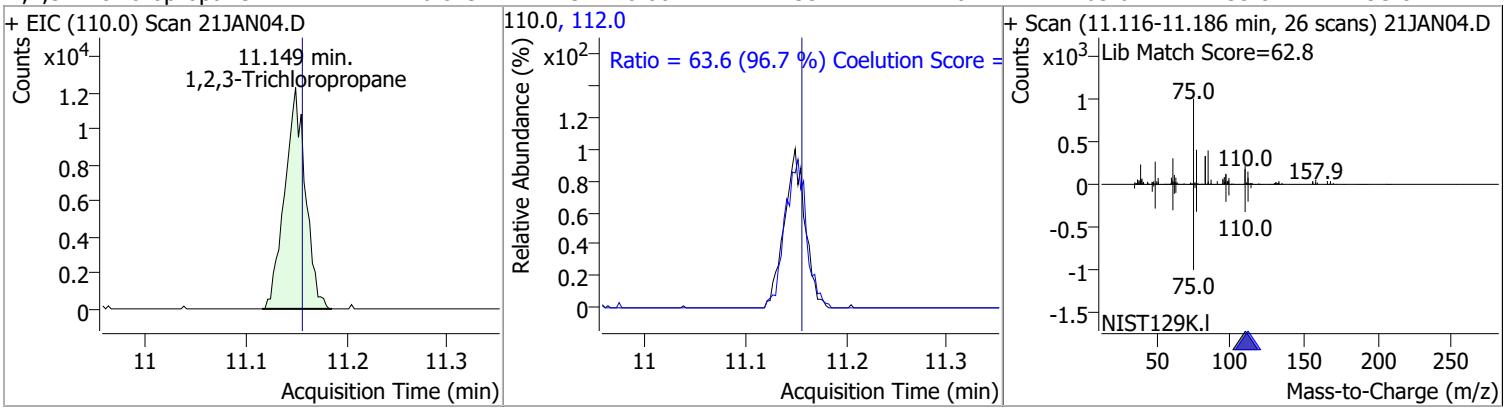
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	131.3150	11.09	0.00	122538	77.0	142.6	113.5	173.5
					158.0	97.1	66.1	126.1



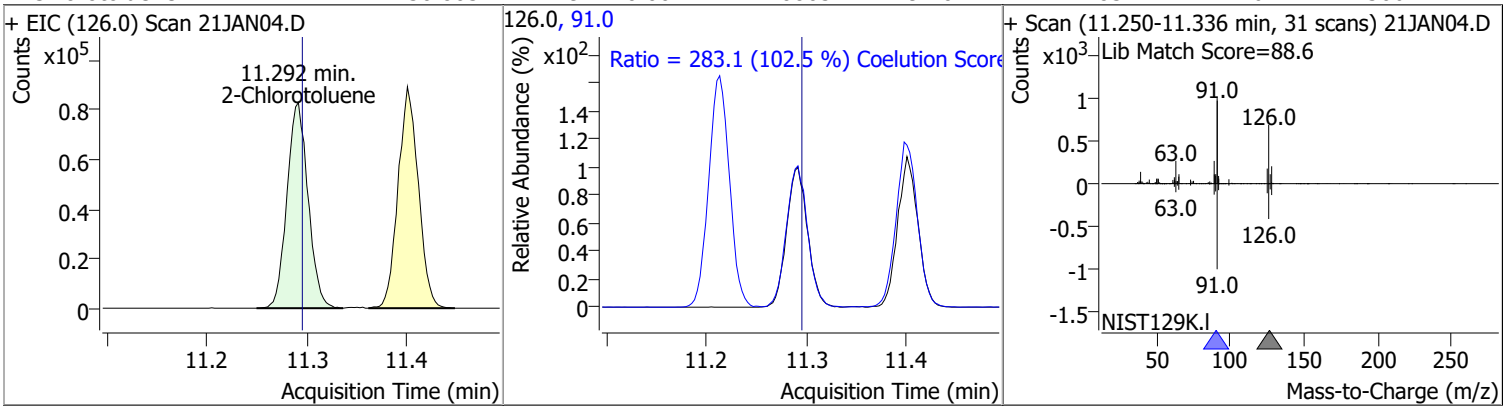
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	123.8536	11.11	0.00	65923	85.0	66.6	33.3	93.3



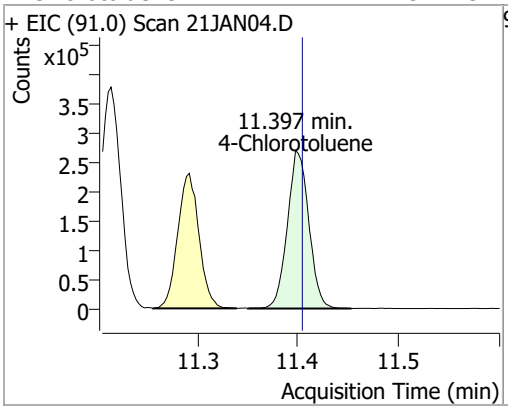
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	126.8194	11.15	0.00	17735	112.0	63.6	35.8	95.8

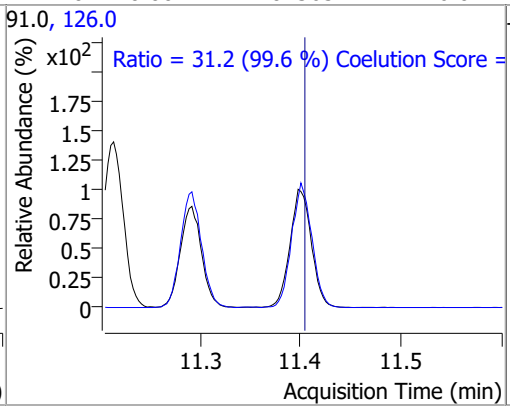


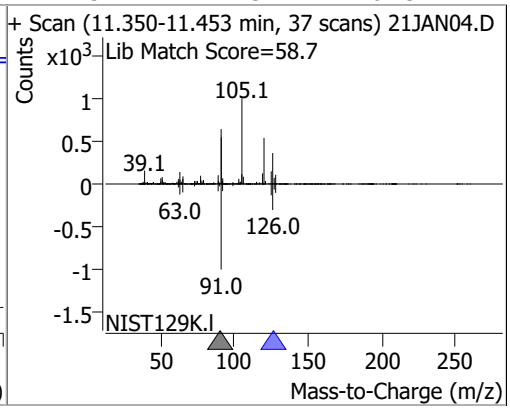
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	130.8032	11.29	0.00	120805	91.0	283.1	246.2	306.2



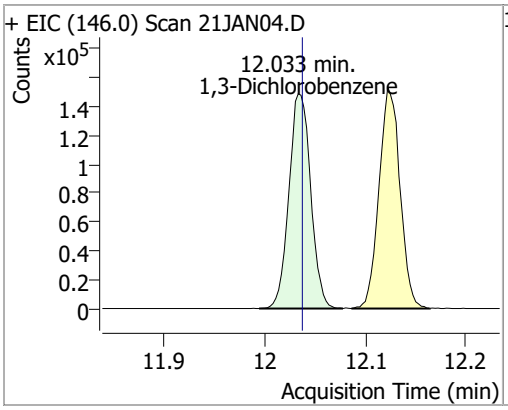
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	134.1757	11.40	0.00	401365	126.0	31.2	1.3	61.3

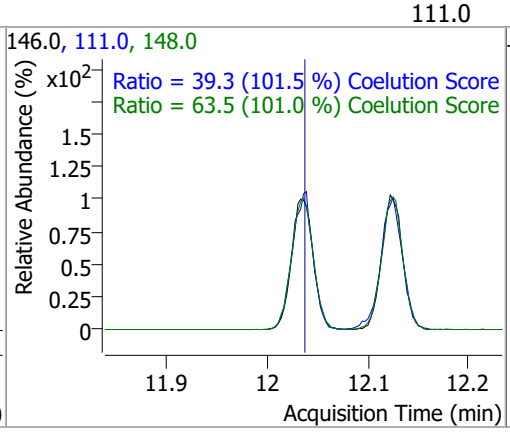


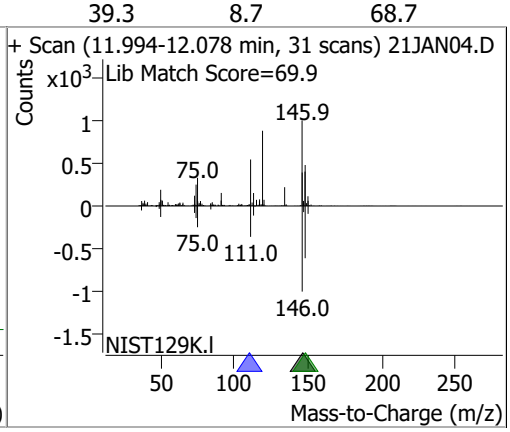




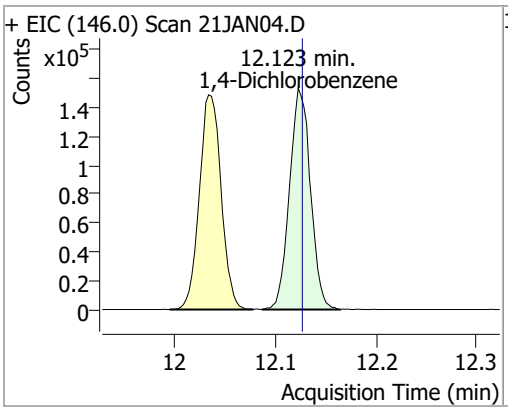
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	132.5522	12.03	0.00	224107	148.0	63.5	32.8	92.8
					111.0	39.3	8.7	68.7

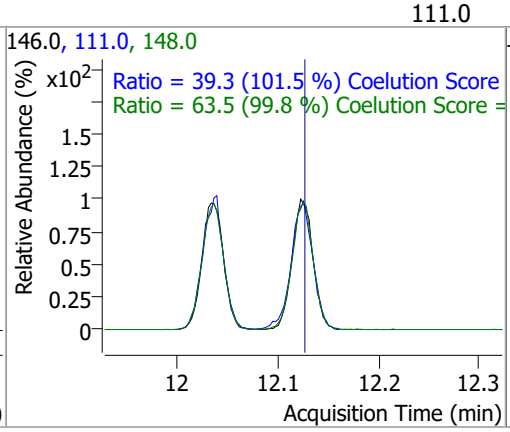


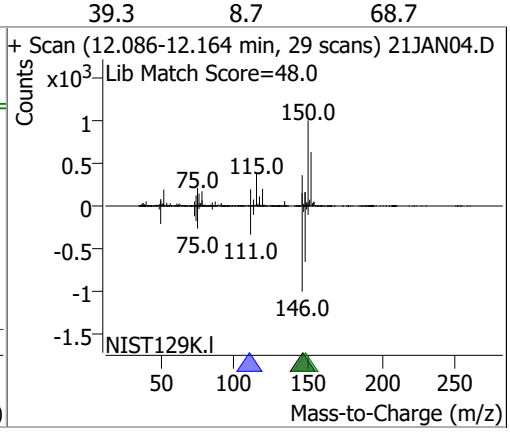




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	129.0358	12.12	0.00	222412	148.0	63.5	33.7	93.7
					111.0	39.3	8.7	68.7

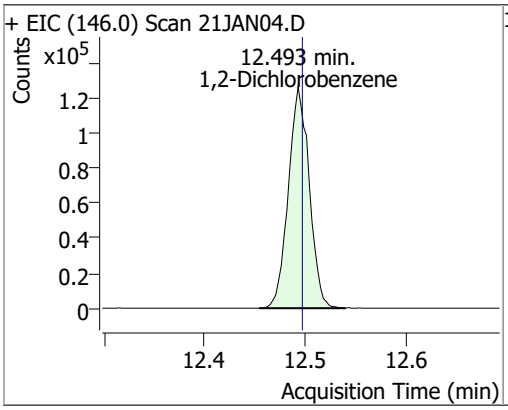


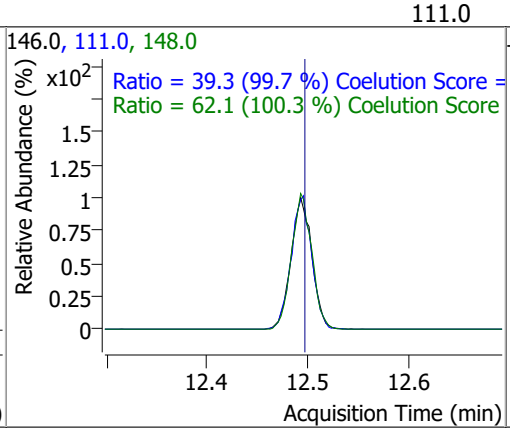


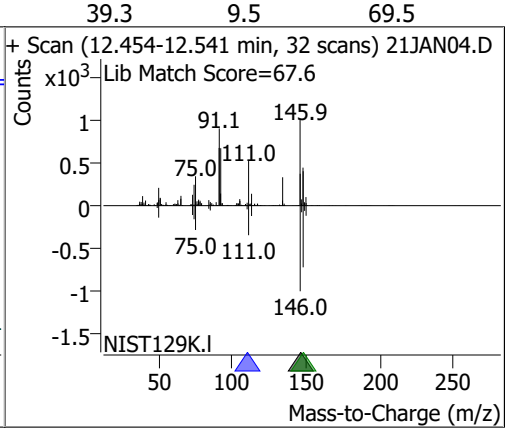


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	129.3458	12.49	0.00	182577	148.0	62.1	31.9	91.9
					111.0	39.3	9.5	69.5

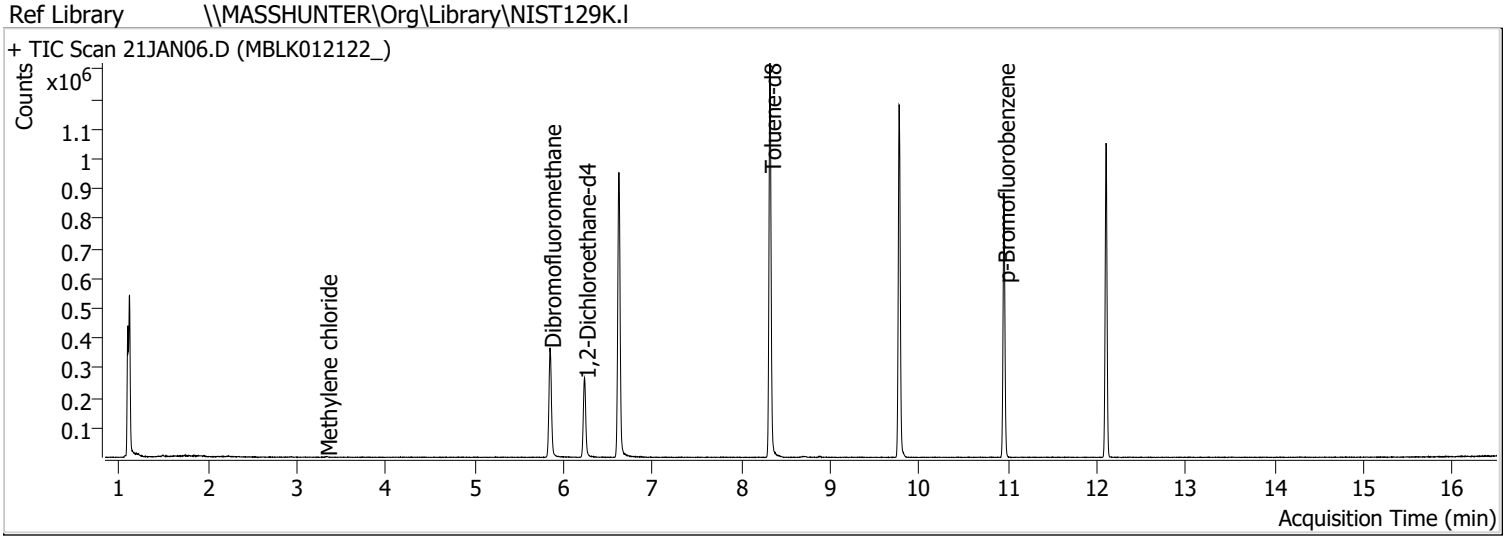






Quantitation Results Report (QT Reviewed)

Data File	21JAN06.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 11:47:31 AM
Sample Name	MBLK012122_	Instrument	VOA5975C
Vial	6	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

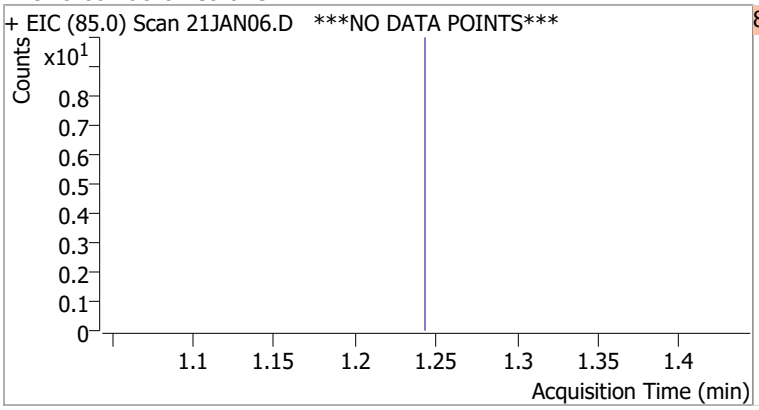


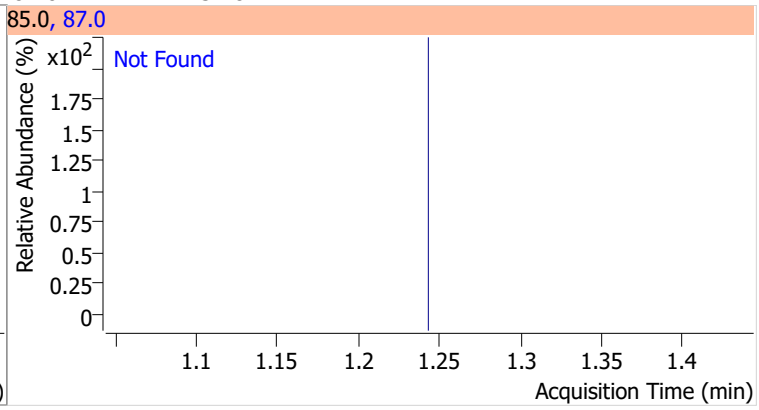
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	828607	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	323330	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	251362	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	218593	272.3649	ng		-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.95%			
S 1,2-Dichloroethane-d4	6.235	67.0	97373	280.8641	ng		0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 112.35%			
S Toluene-d8	8.321	98.0	821554	260.4474	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.18%			
S p-Bromofluorobenzene	10.951	95.0	241558	260.2752	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.11%			
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	3.327	49.0	1926	1.5903	ng	m	88
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	8.383	92.0	0		ng	md	1
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	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.			

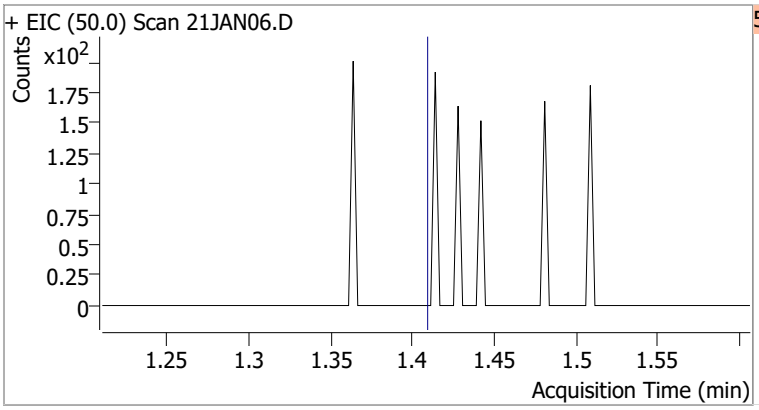
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

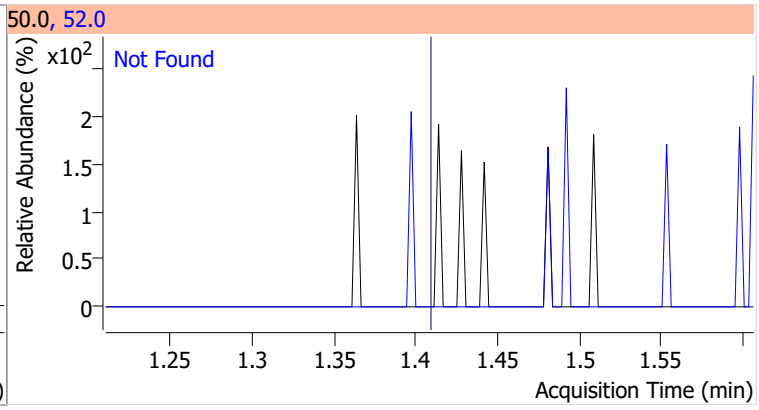
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



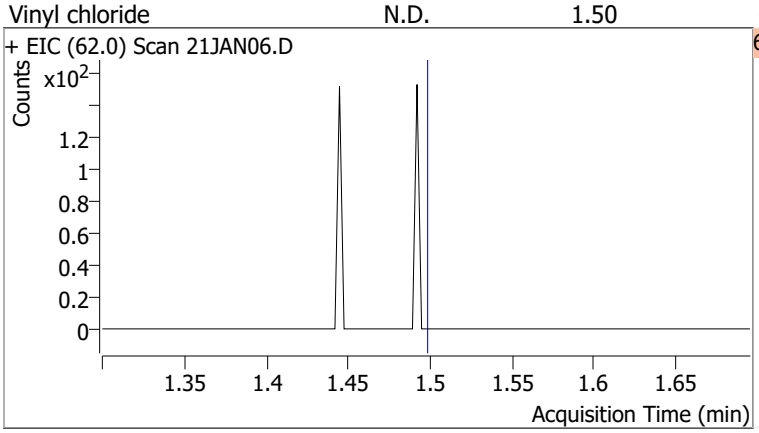


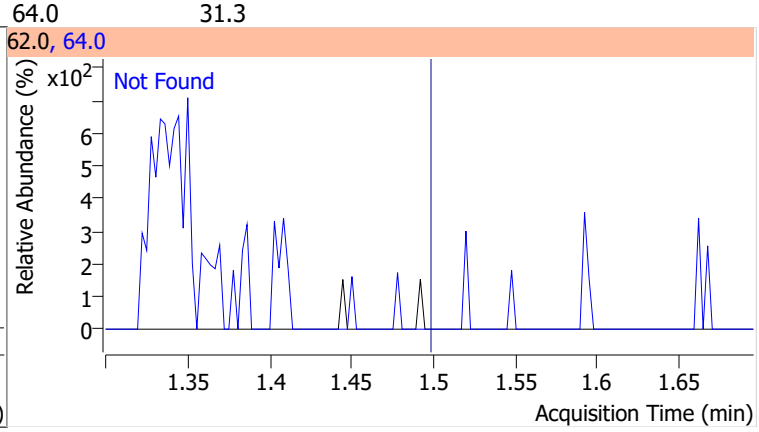
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



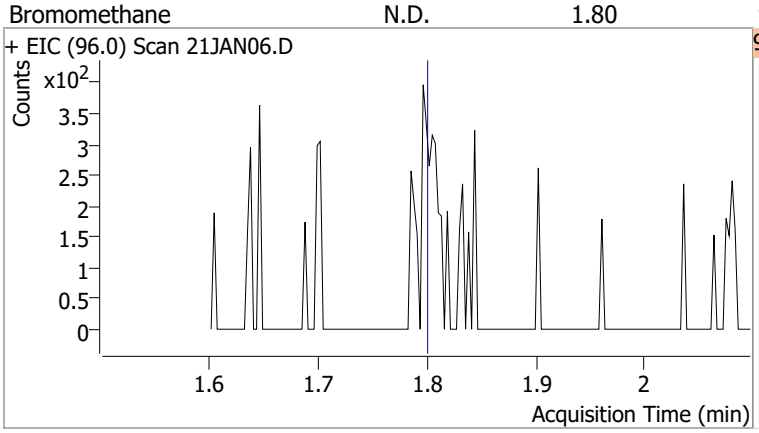


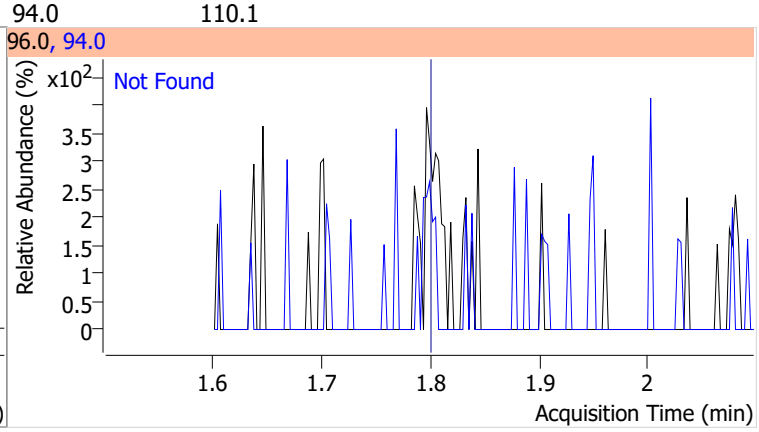
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



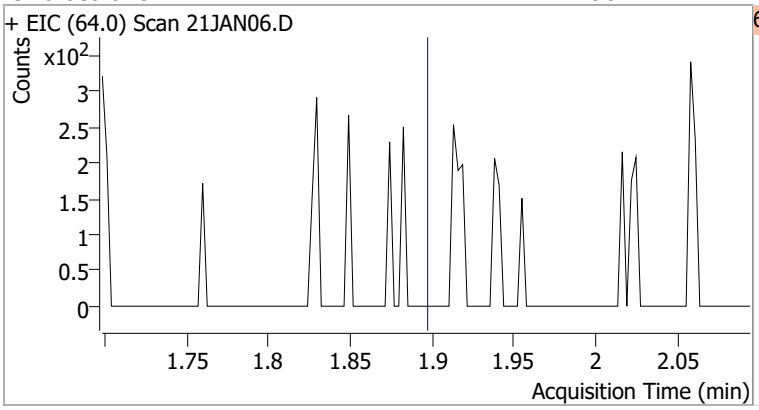


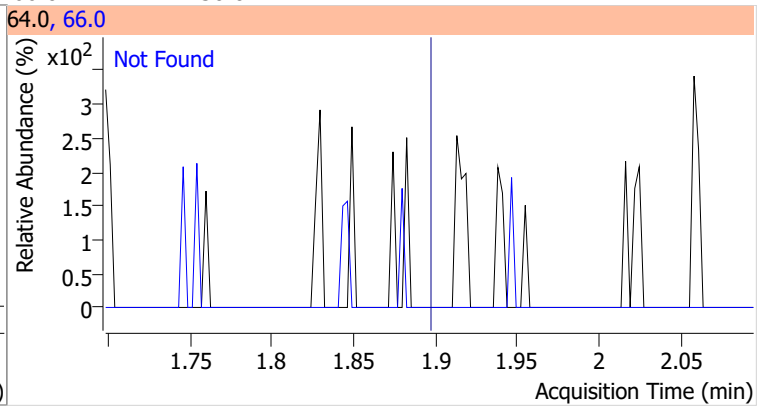
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



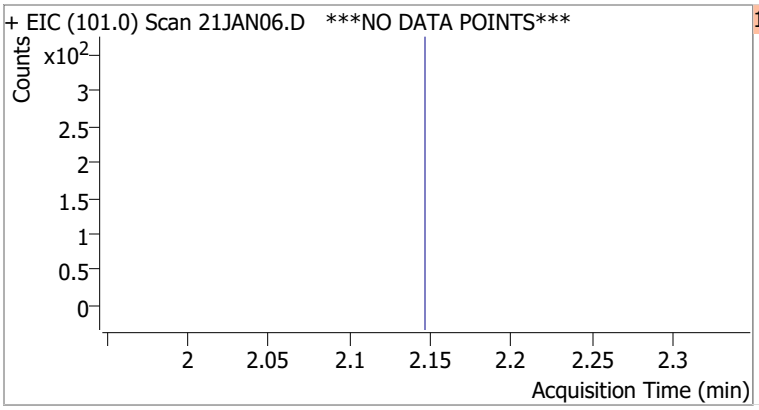


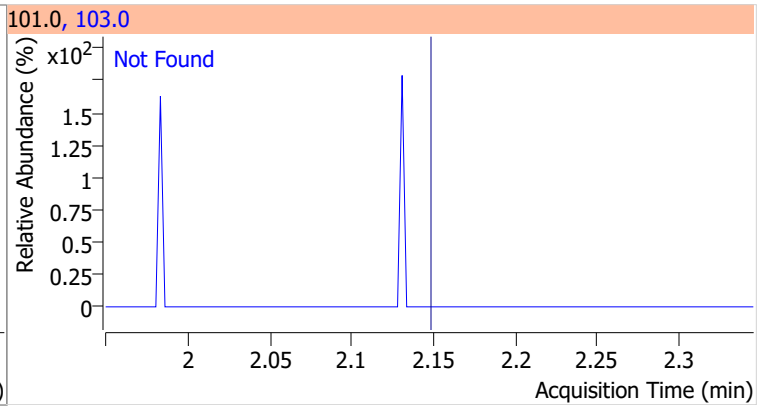
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



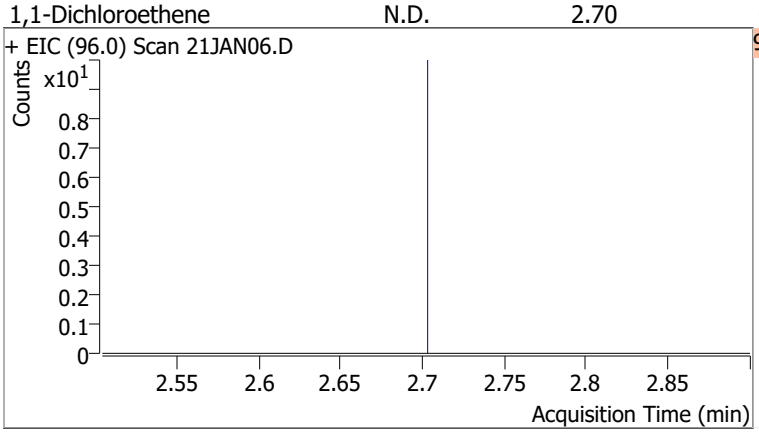


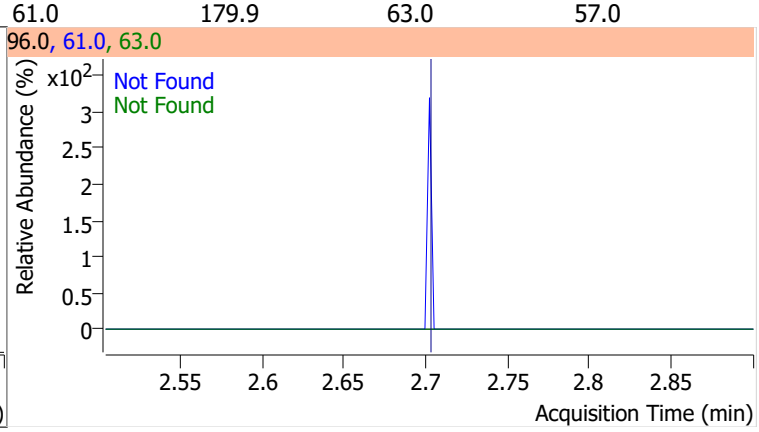
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



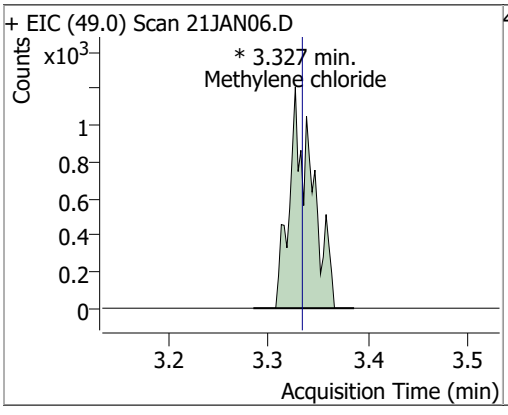


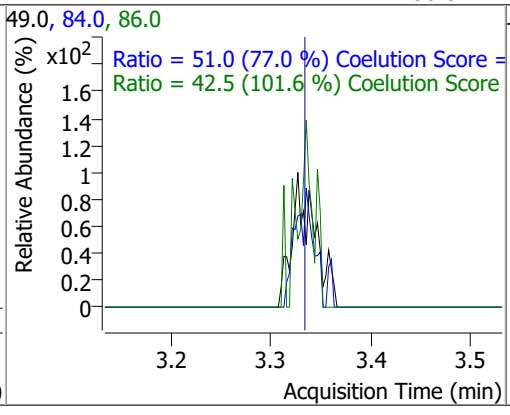
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

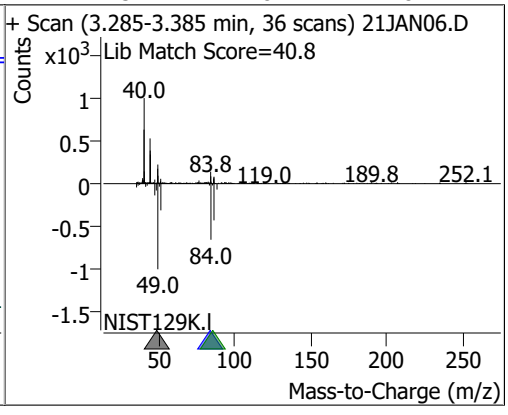




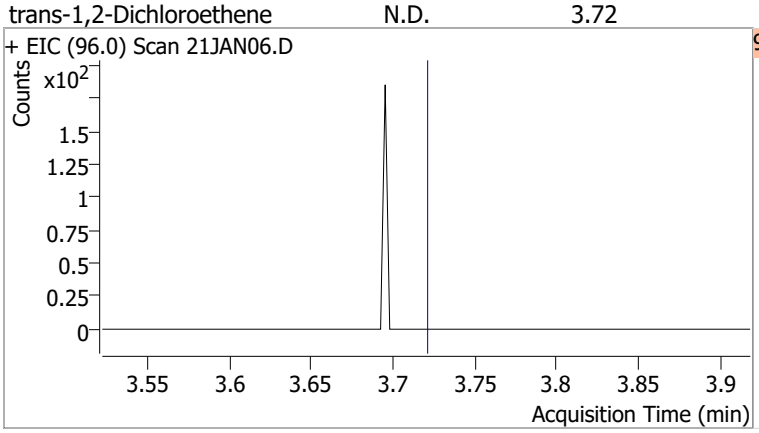
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.5903	3.33	-0.01	1926 (m)	84.0	51.0	36.1	96.1
					86.0	42.5	11.8	71.8

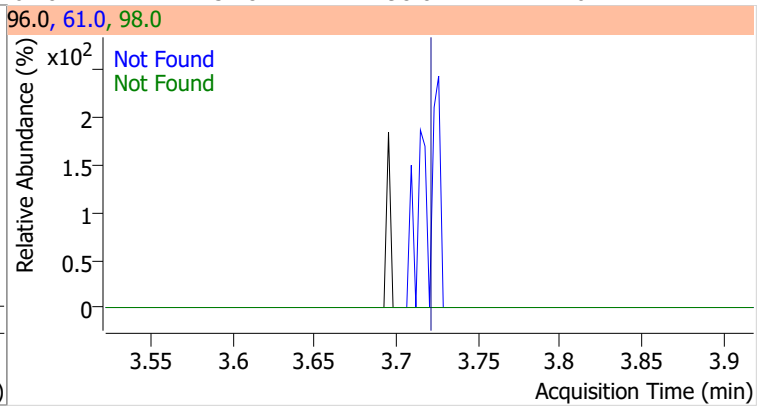




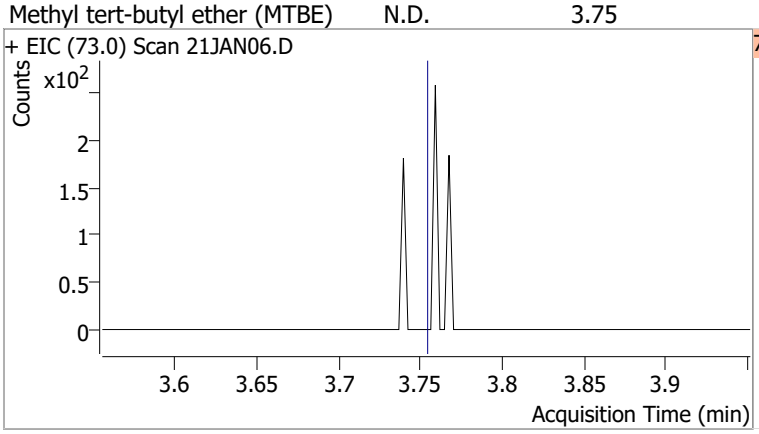


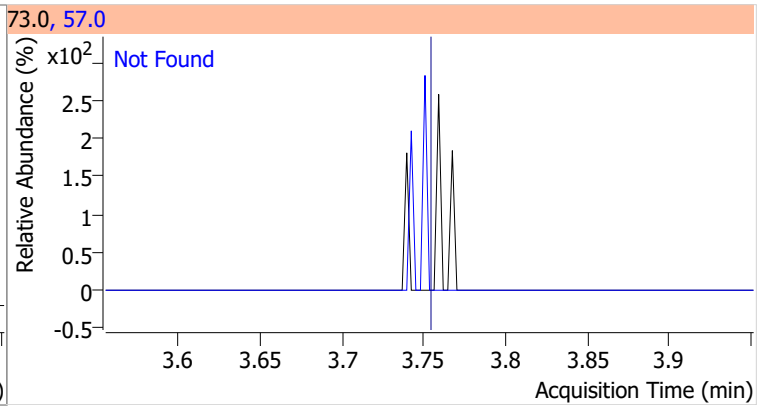
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



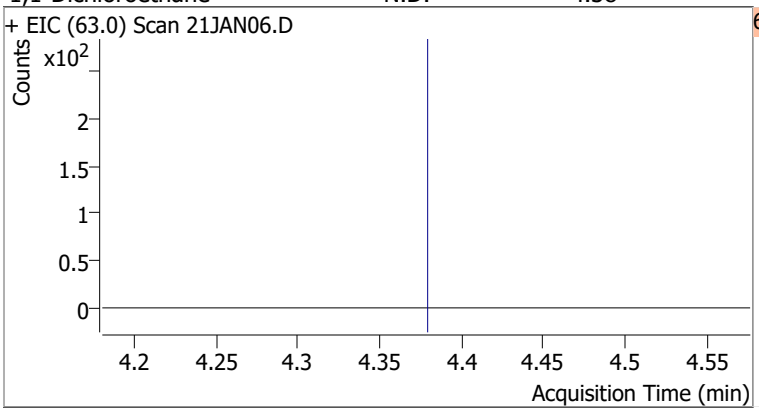


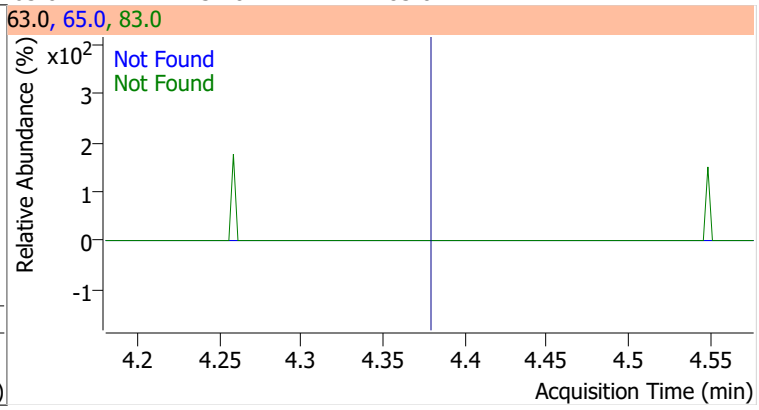
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



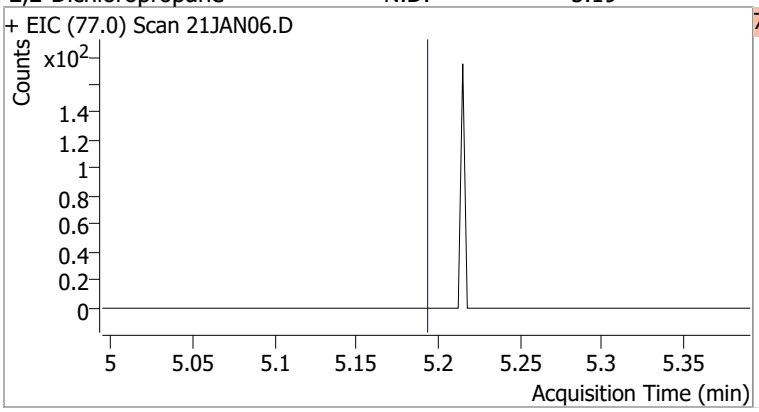


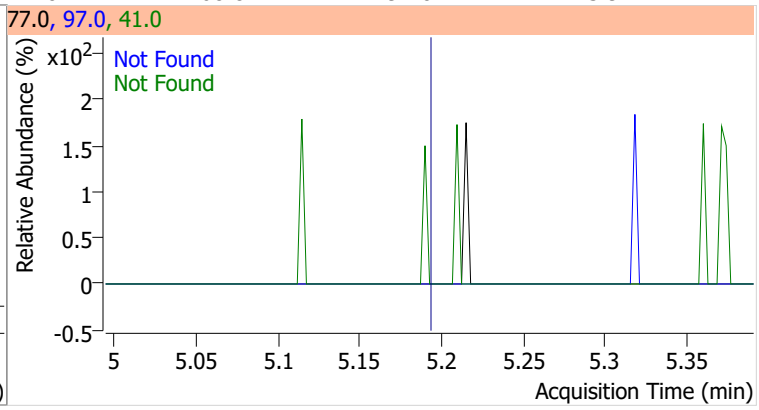
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



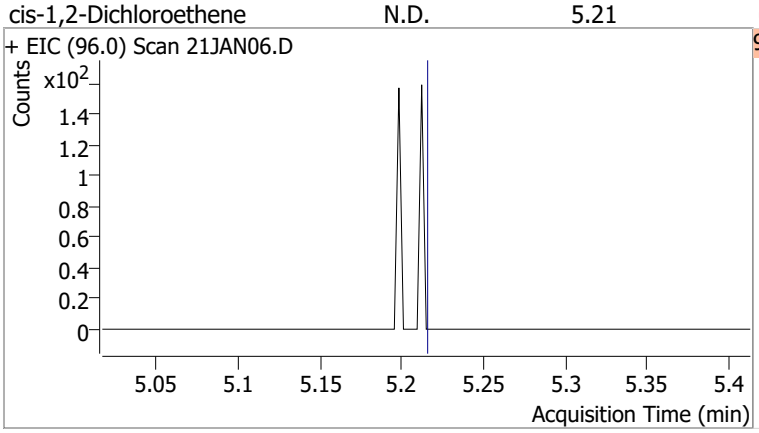


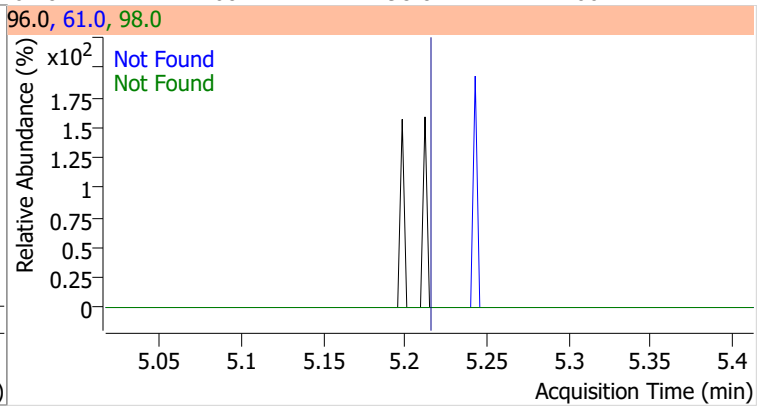
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



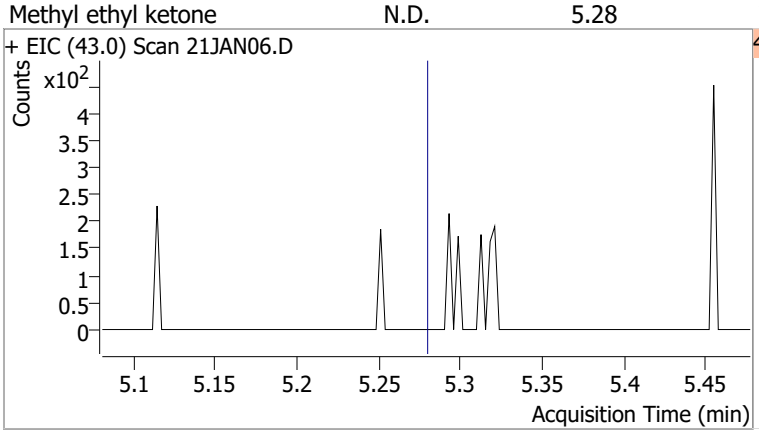


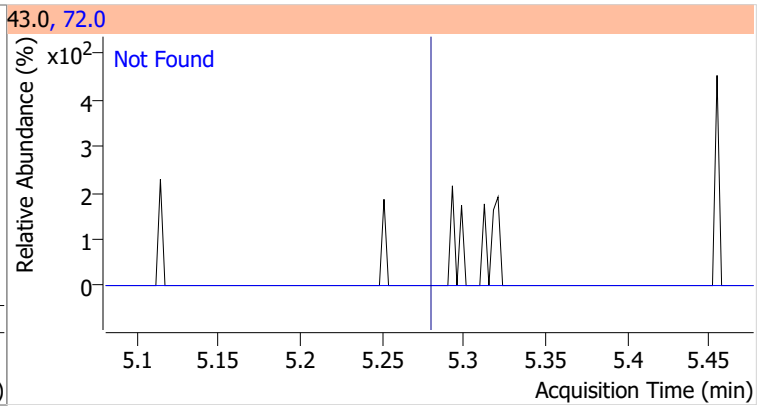
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



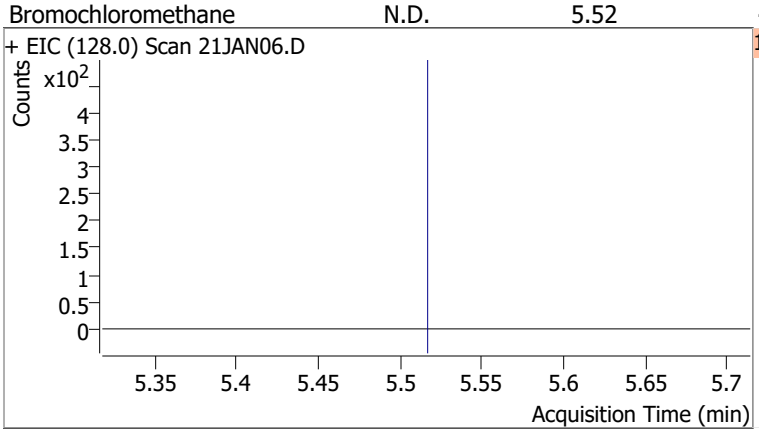


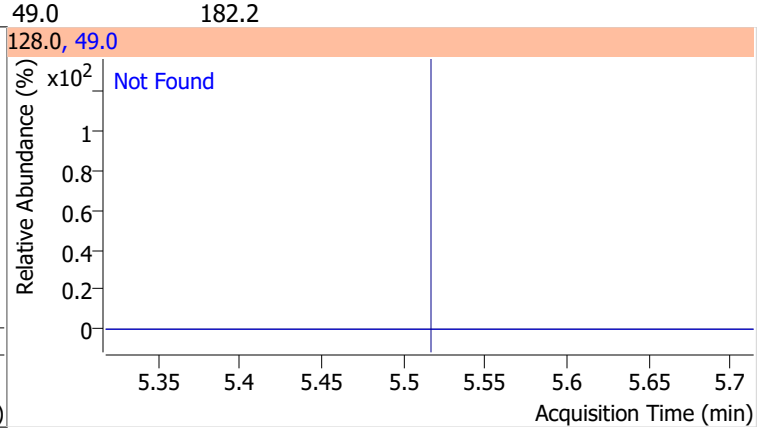
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



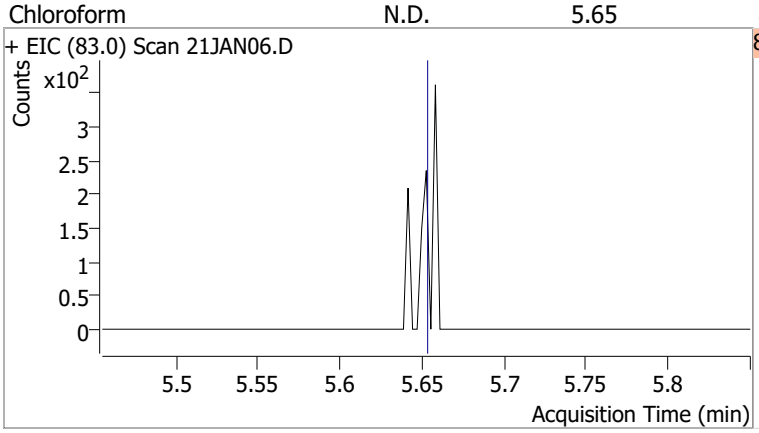


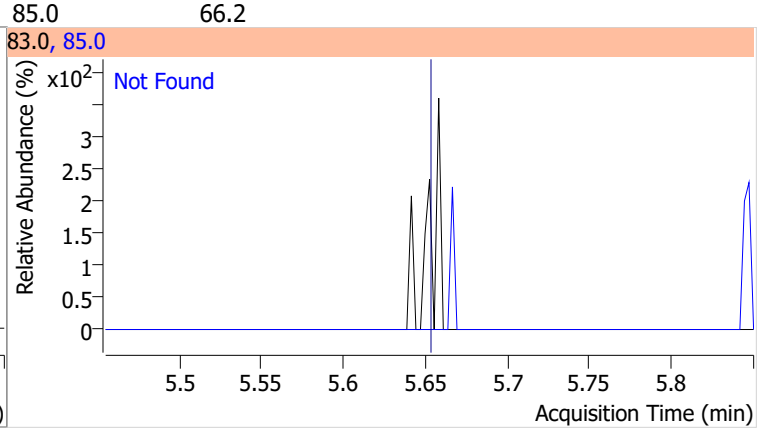
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



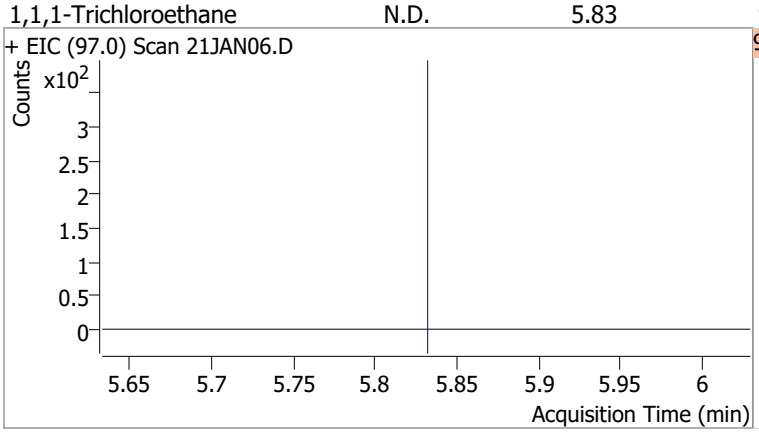


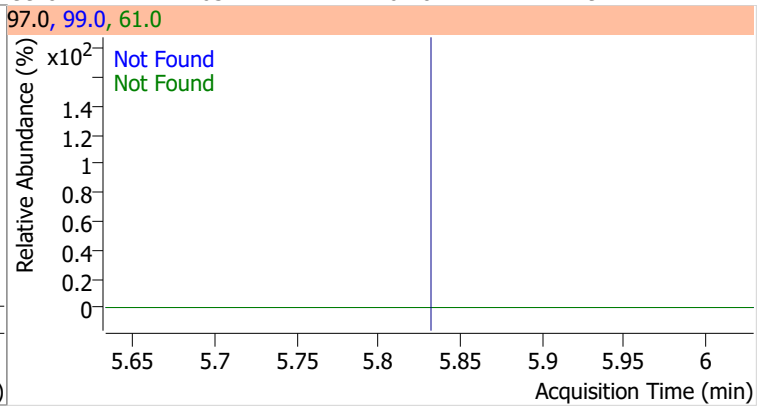
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



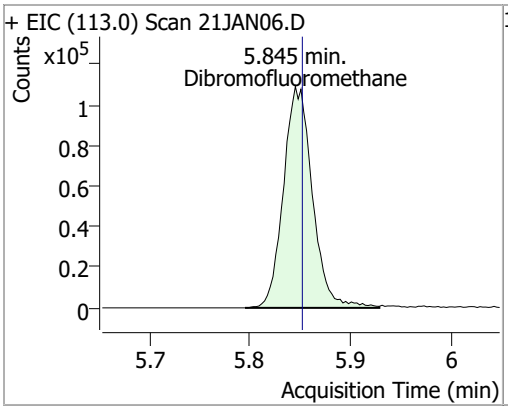


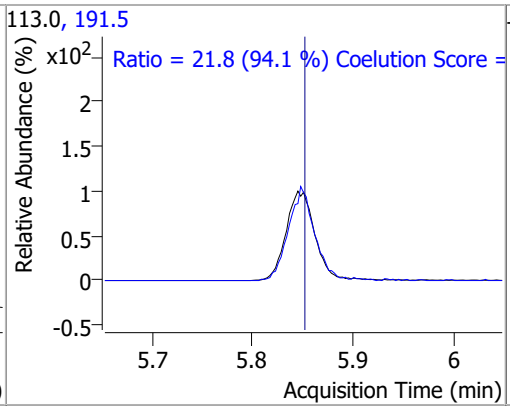
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

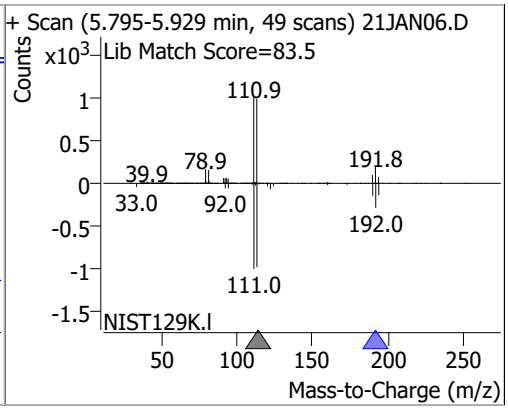




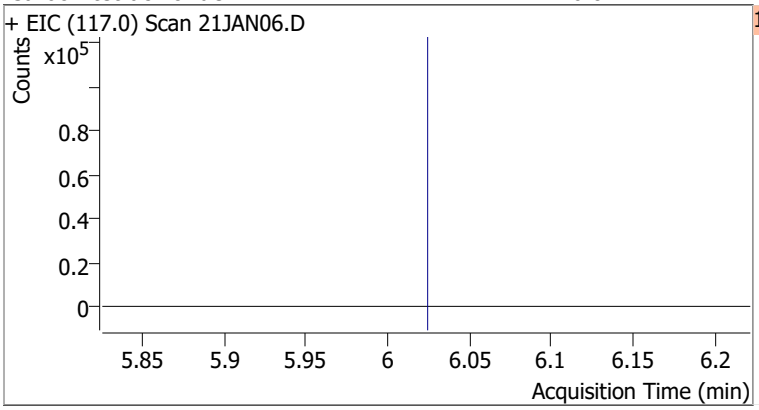
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	272.3649	5.85	-0.01	218593	191.5	21.8	0.0	53.2

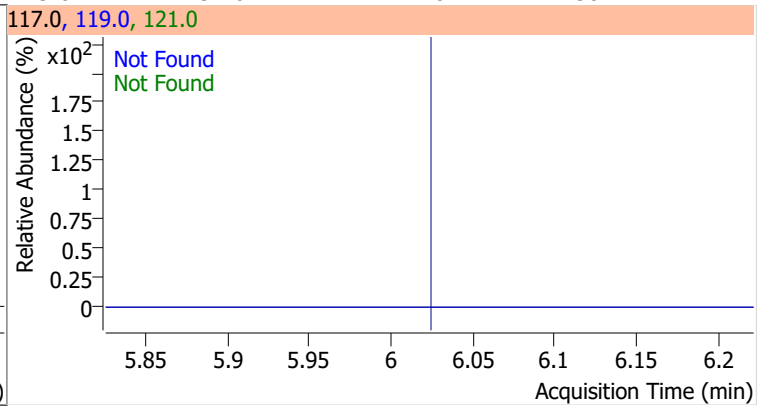




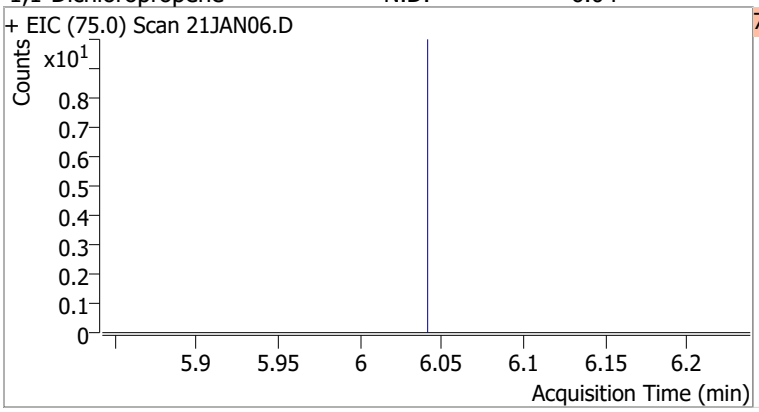


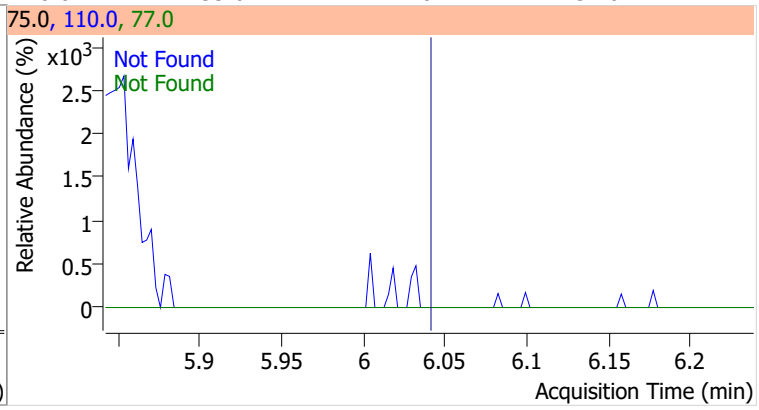
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



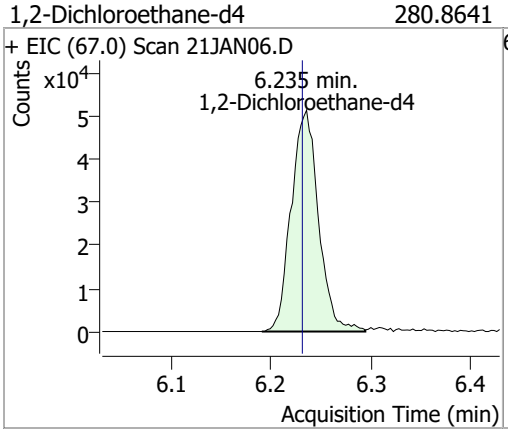


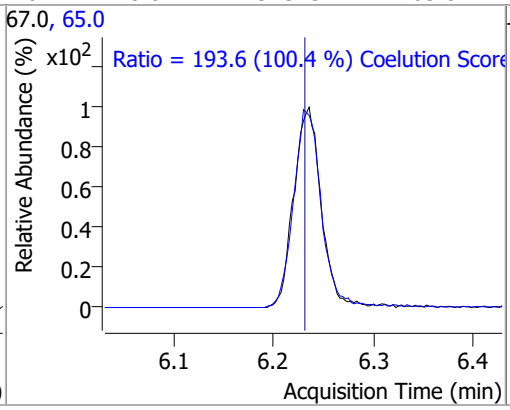
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

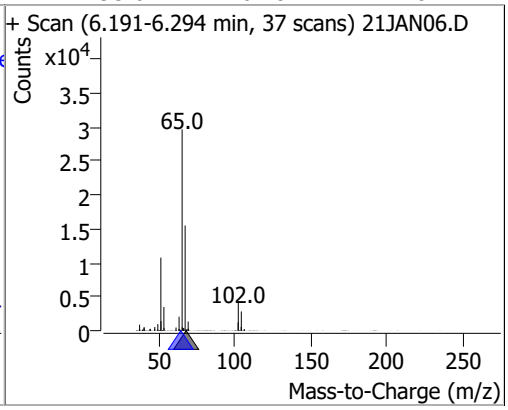




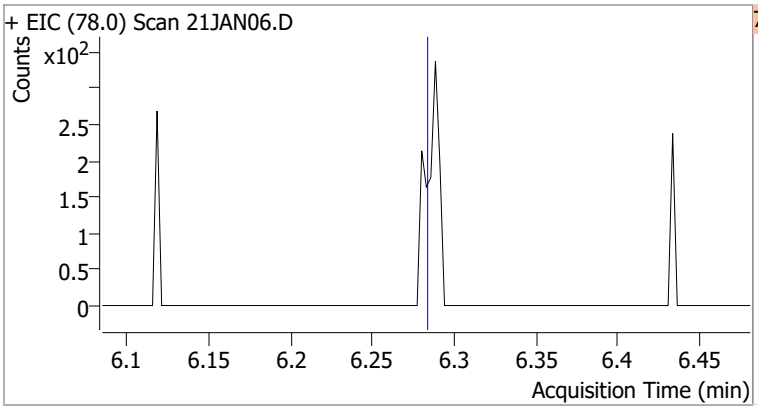
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	280.8641	6.24	0.01	97373	65.0	193.6	162.8	222.8

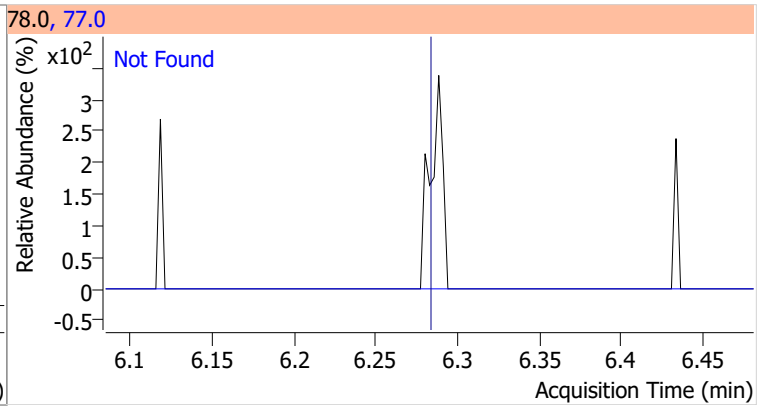




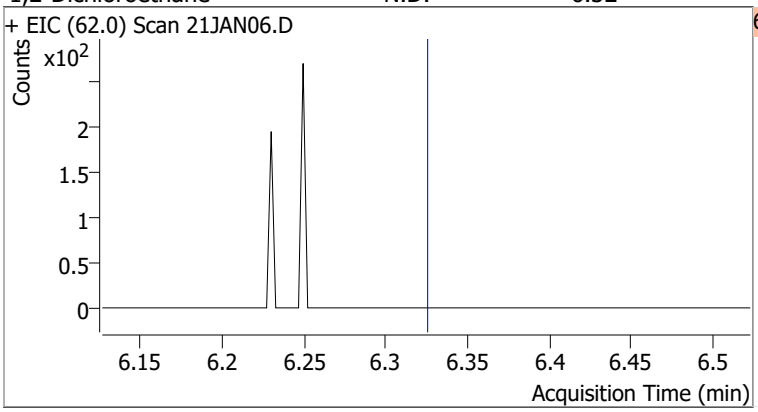


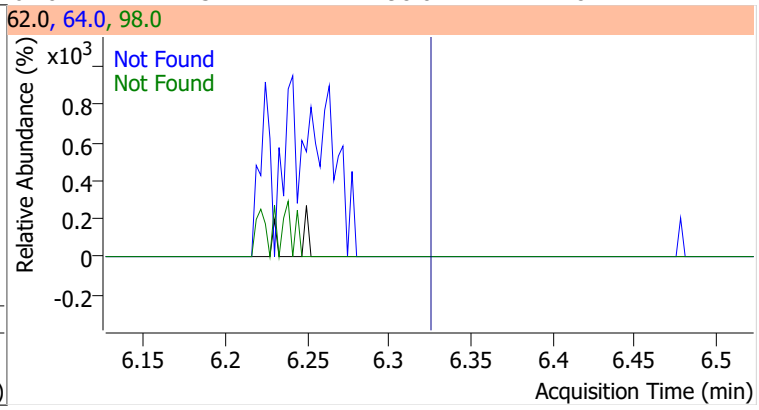
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



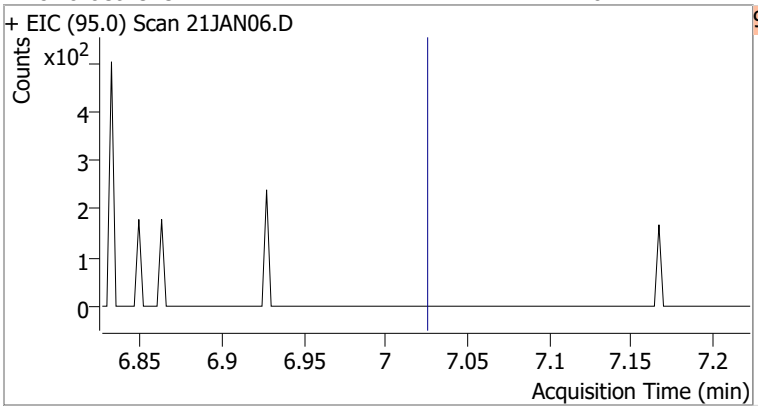


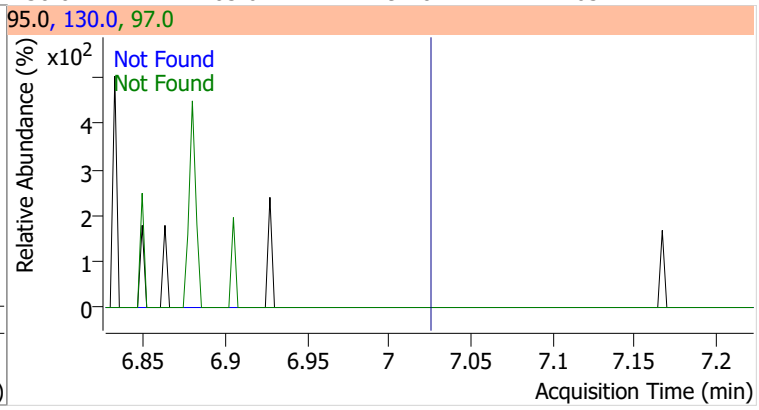
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



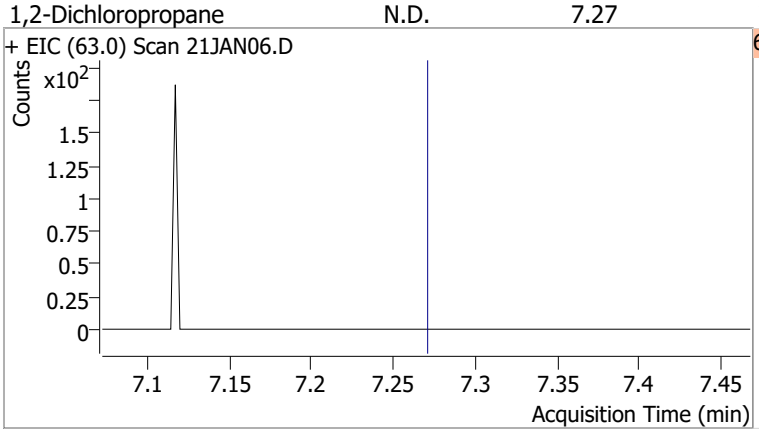


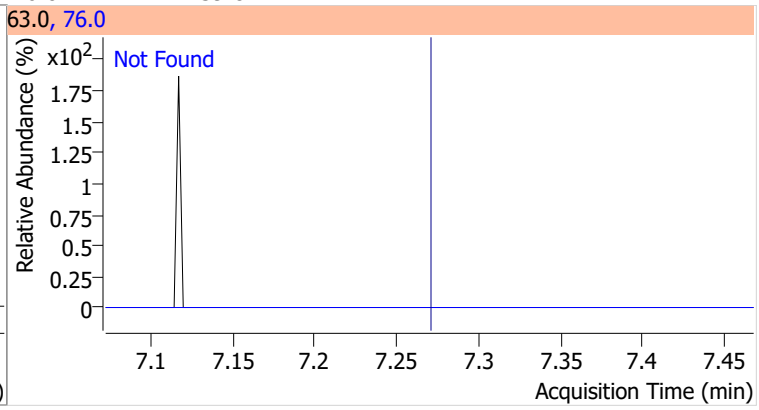
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



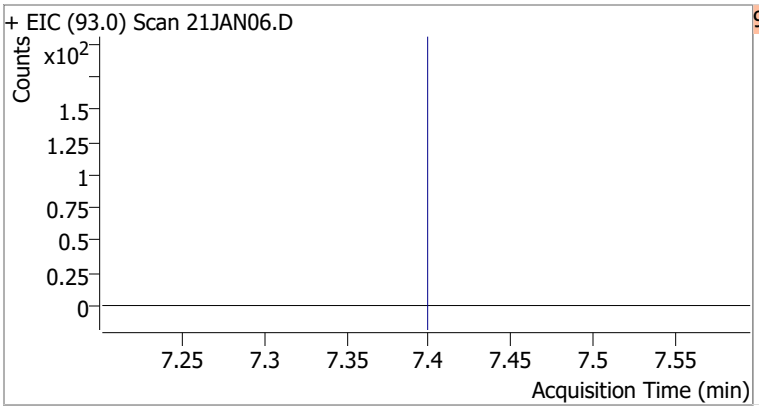


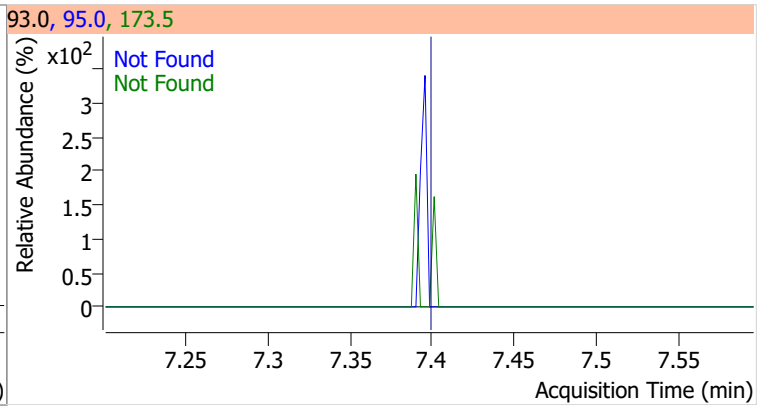
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



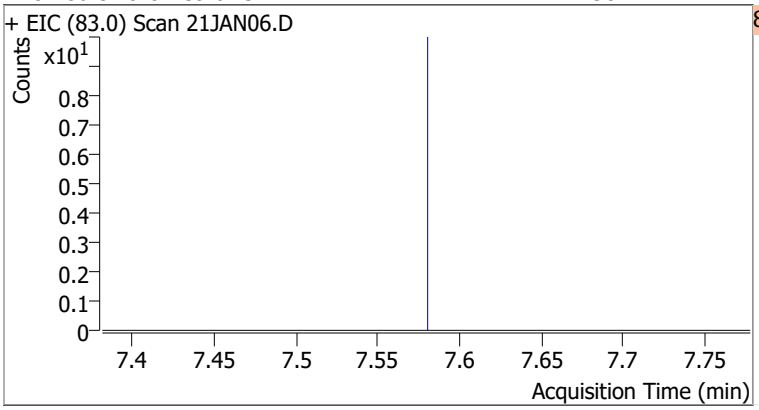


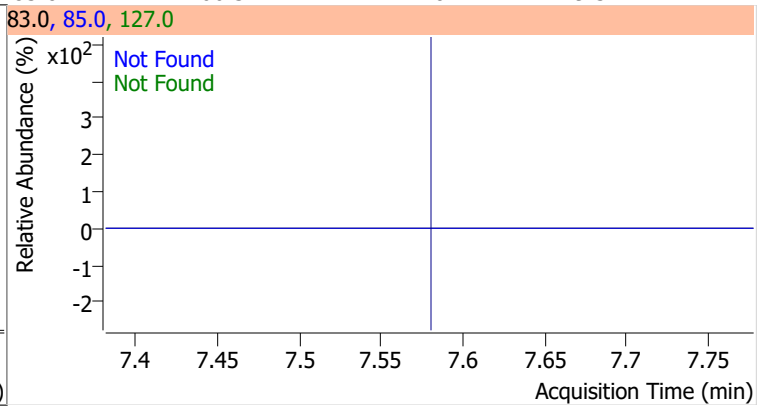
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



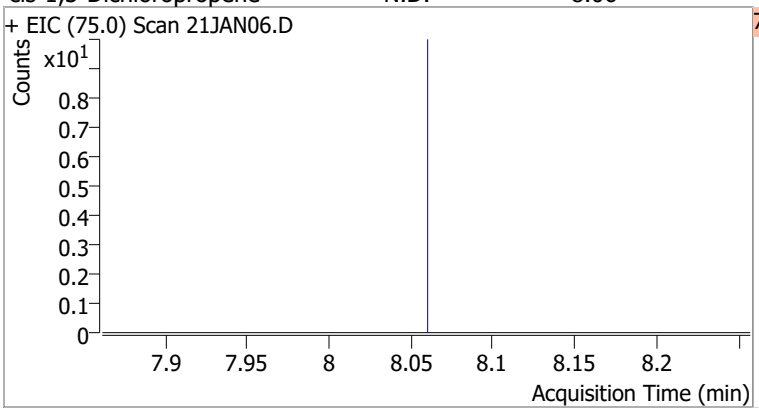


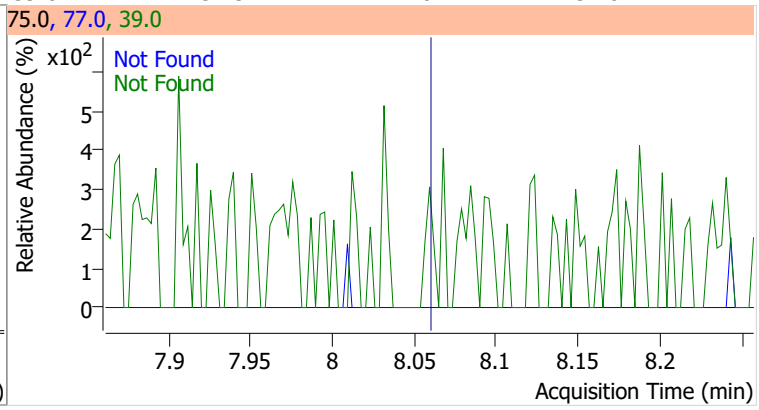
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



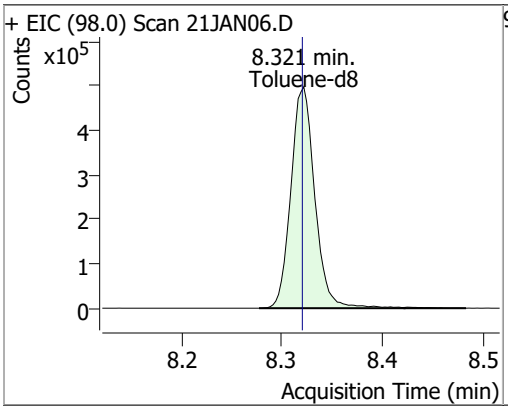


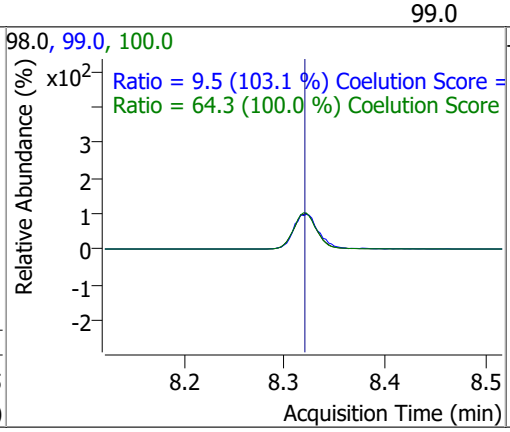
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

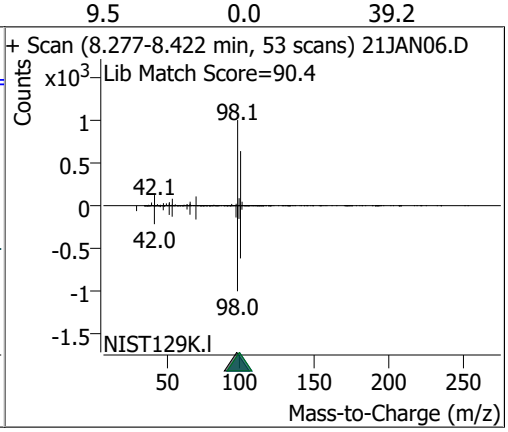




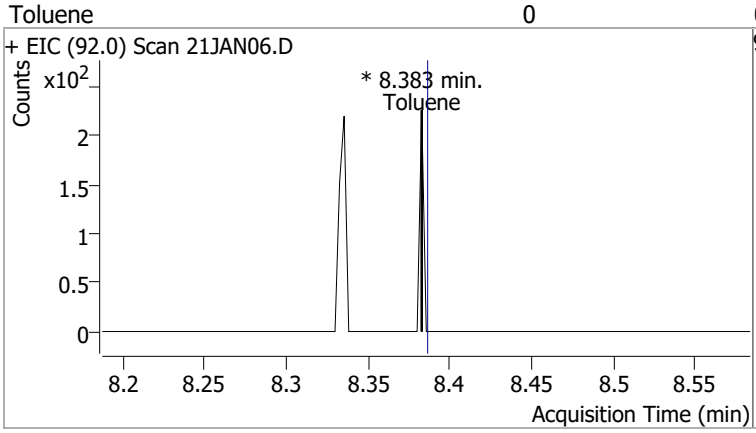
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	260.4474	8.32	0.00	821554	100.0	64.3	34.3	94.3
					99.0	9.5	0.0	39.2

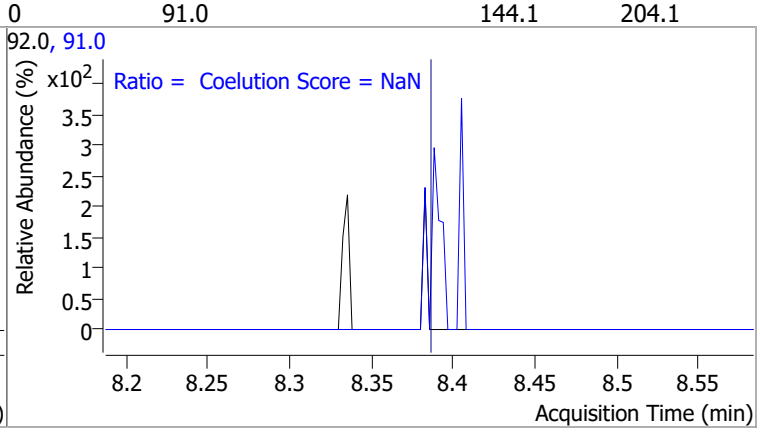




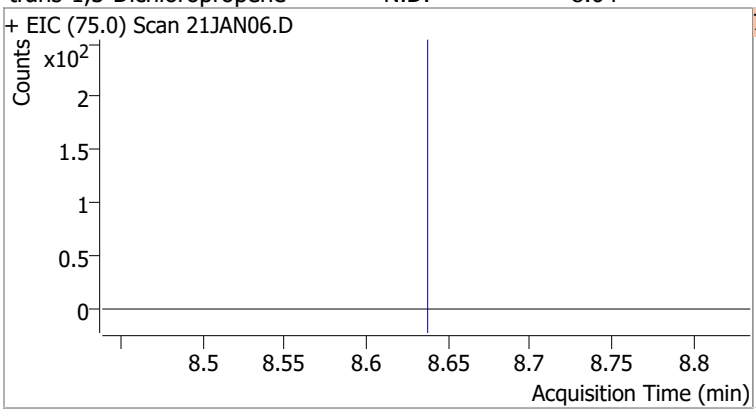


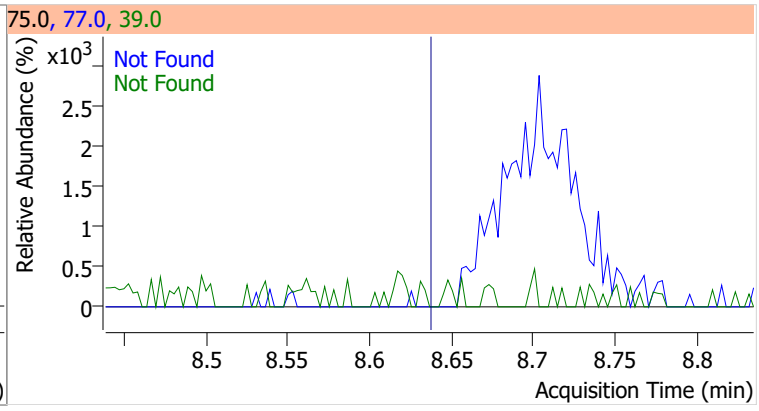
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



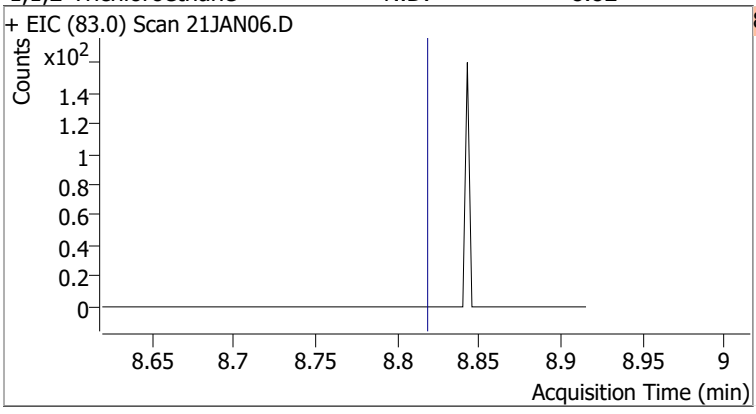


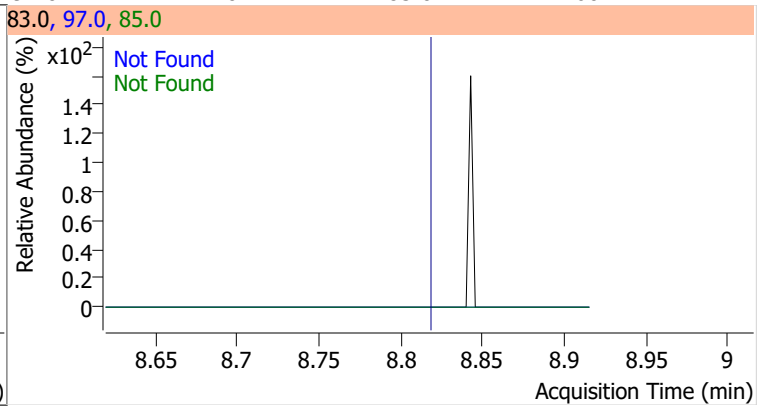
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



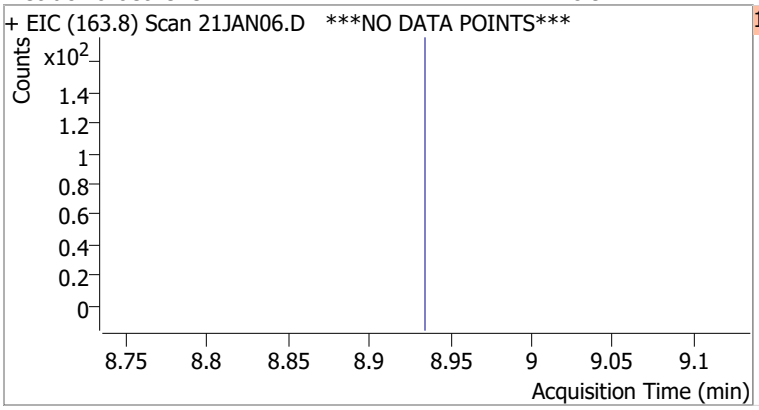


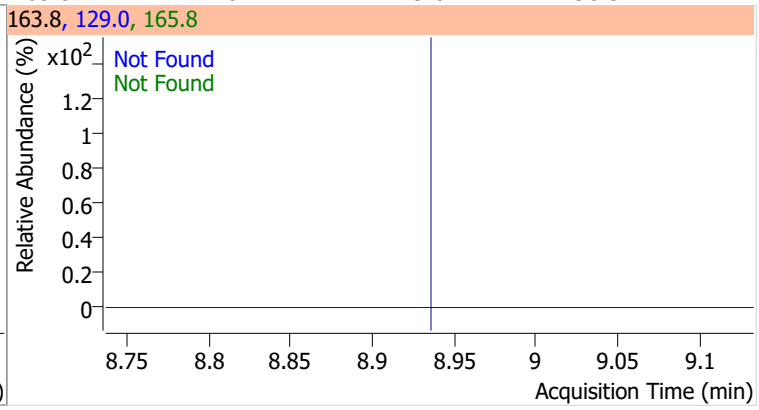
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



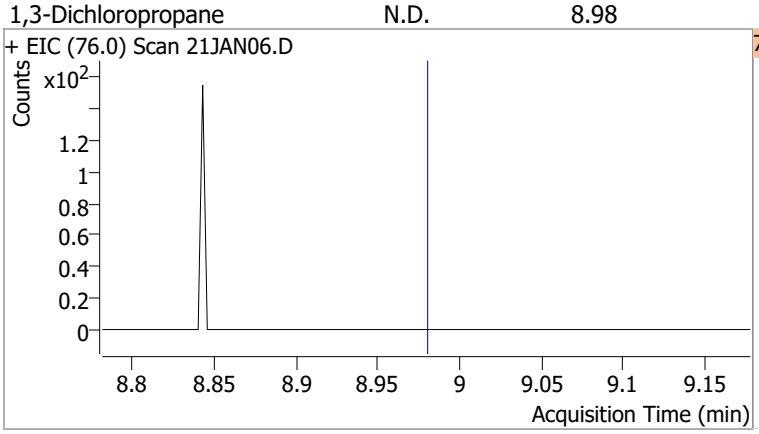


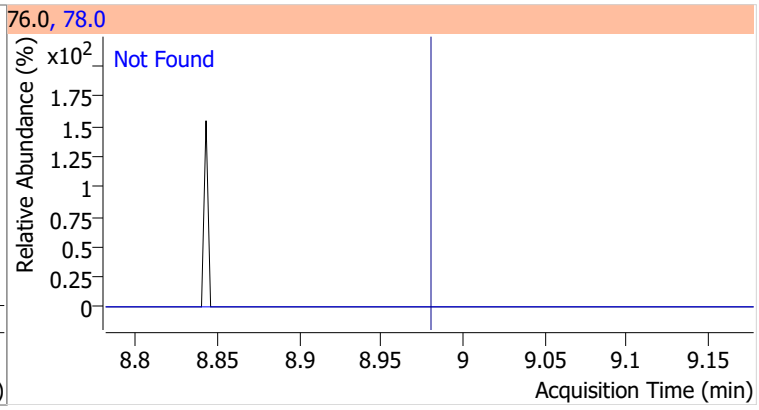
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



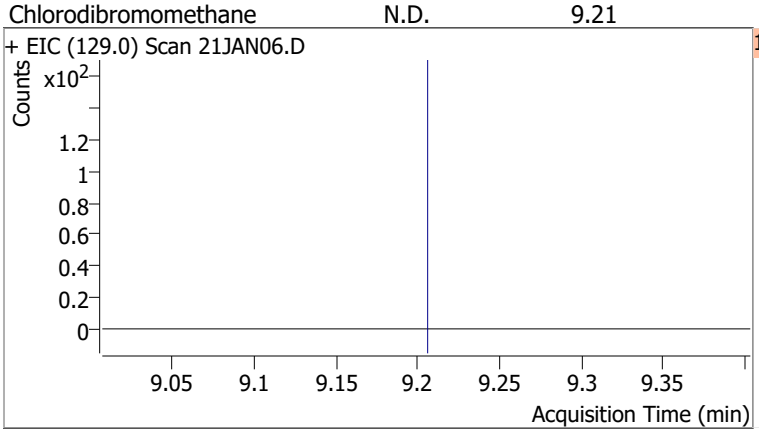


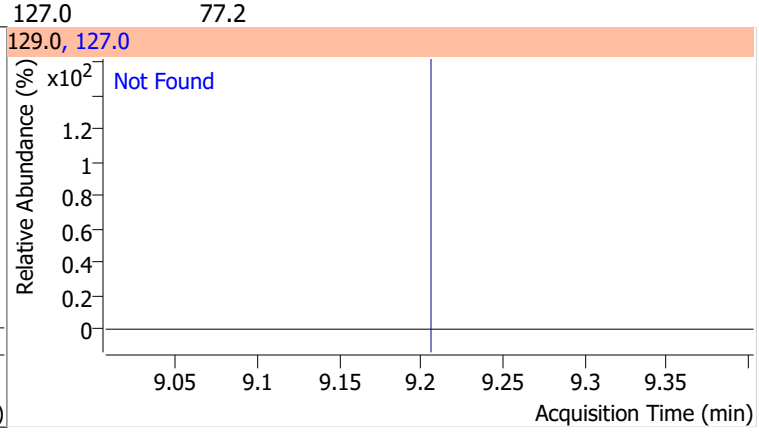
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



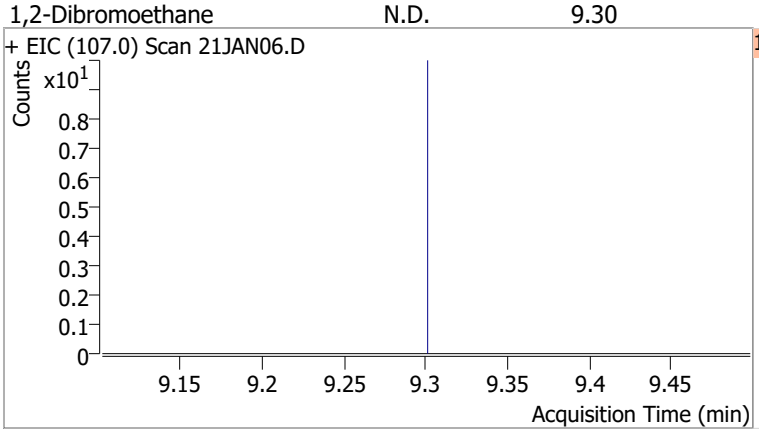


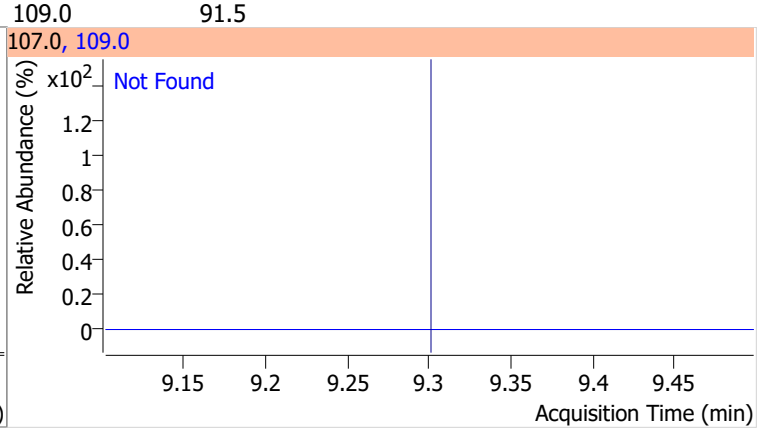
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



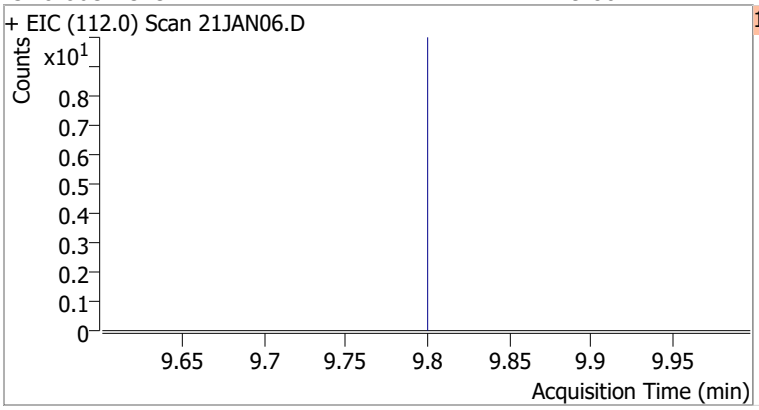


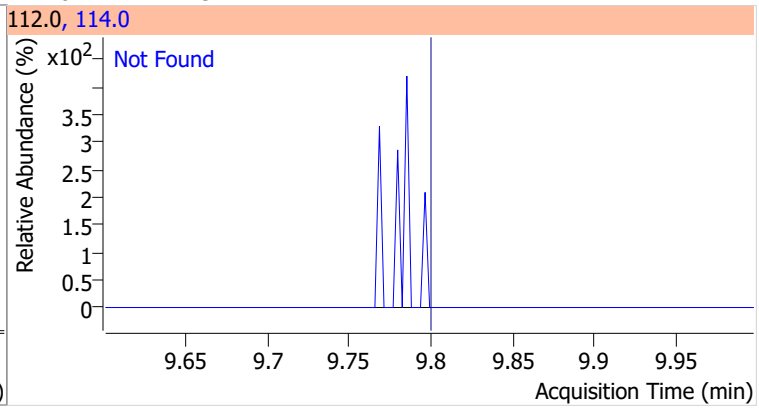
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



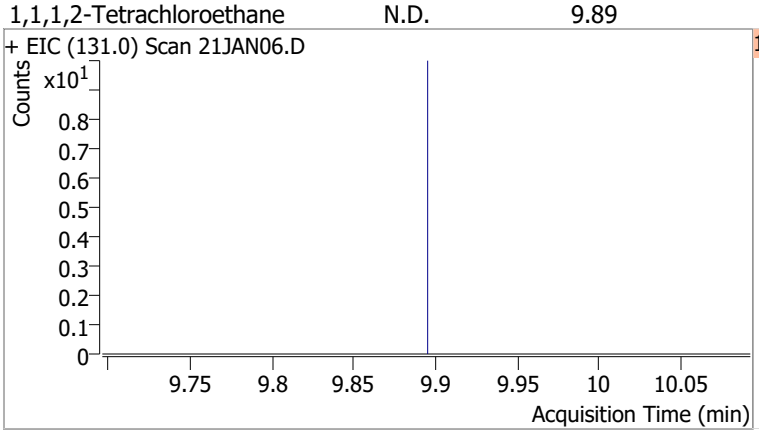


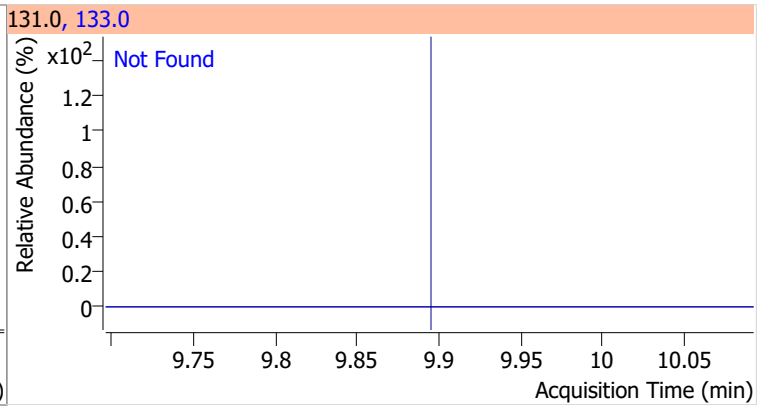
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



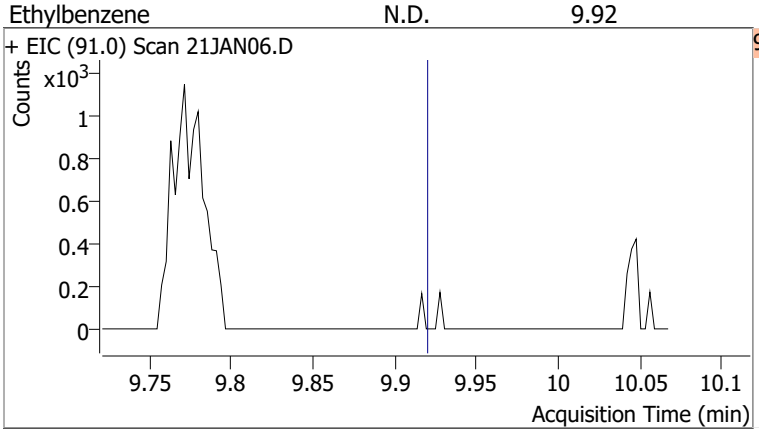


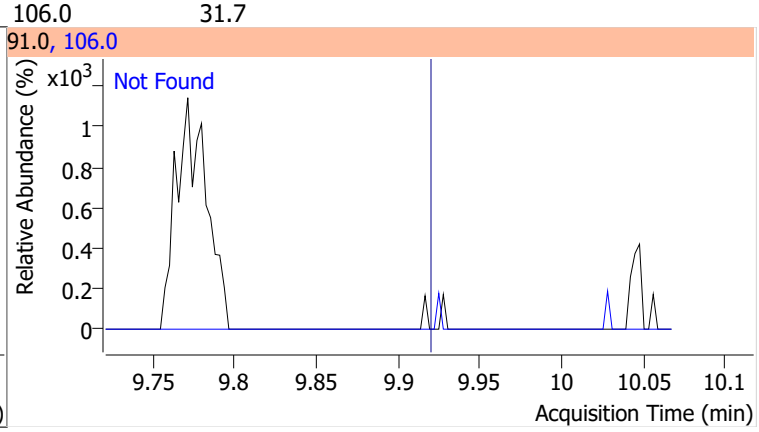
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



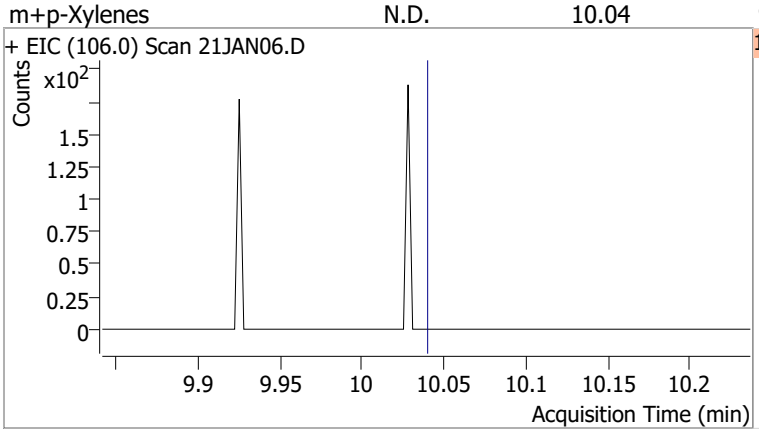


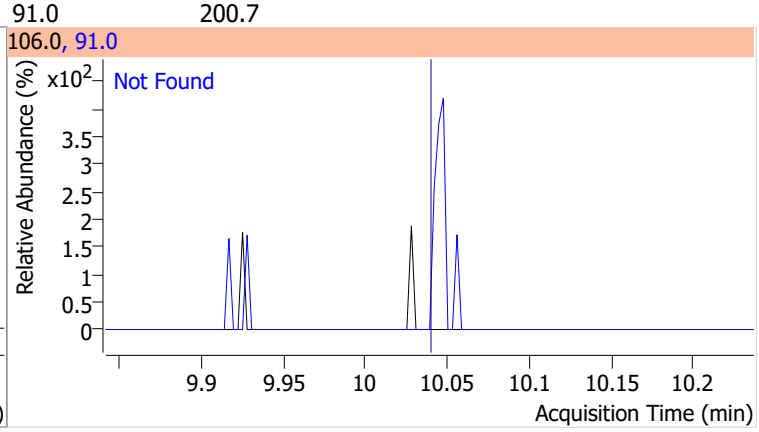
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



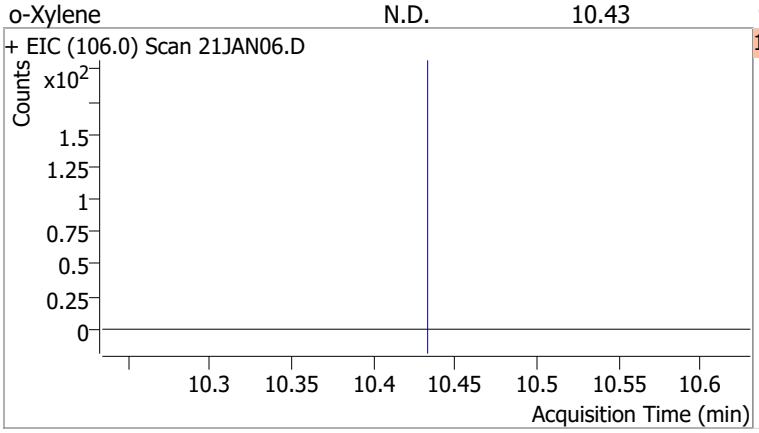


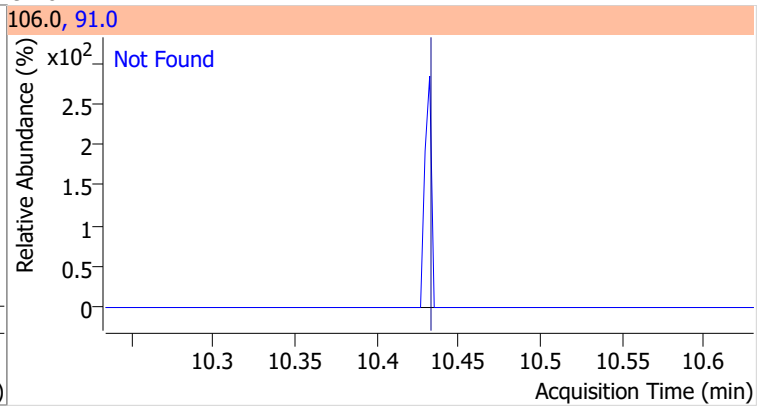
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



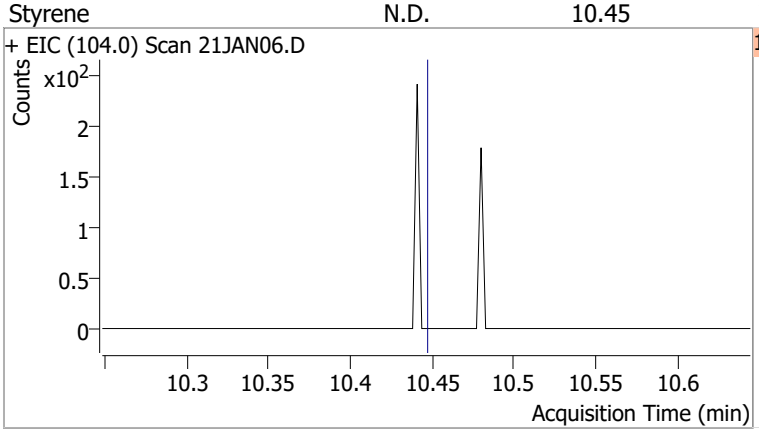


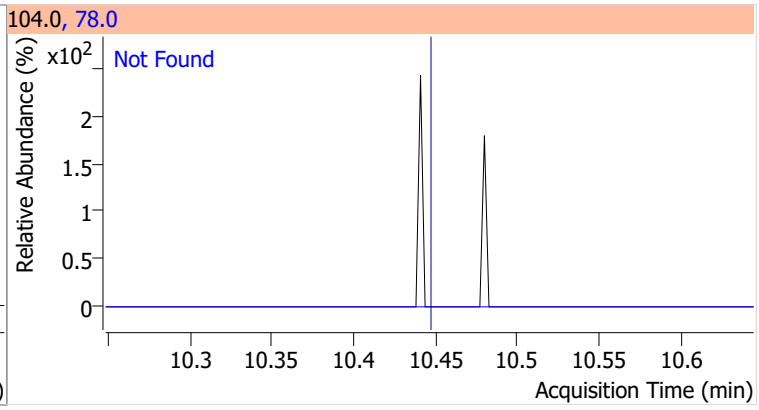
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



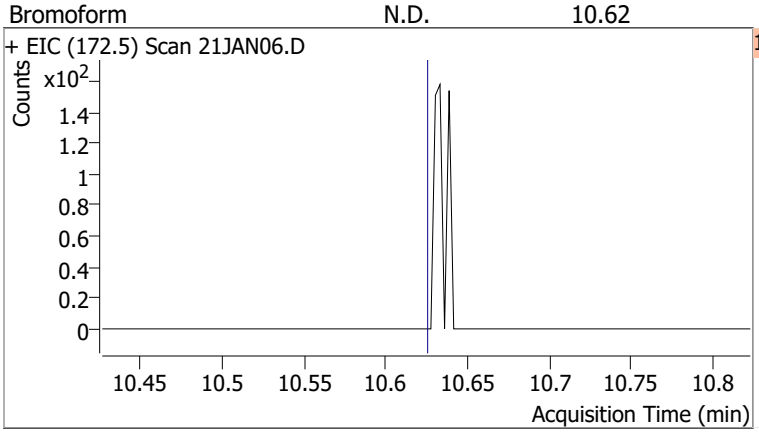


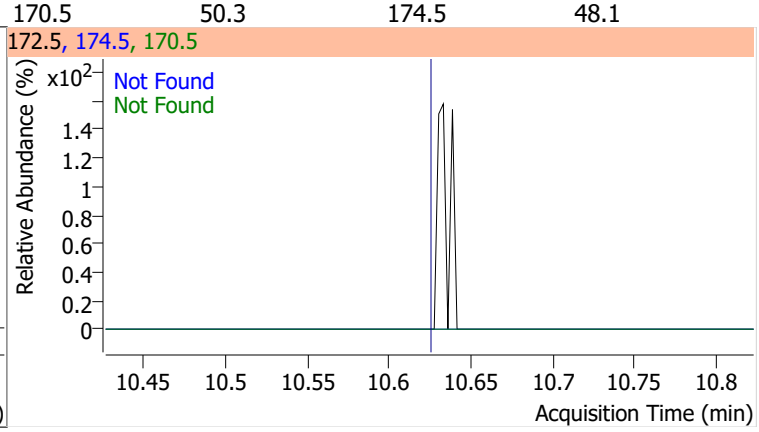
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



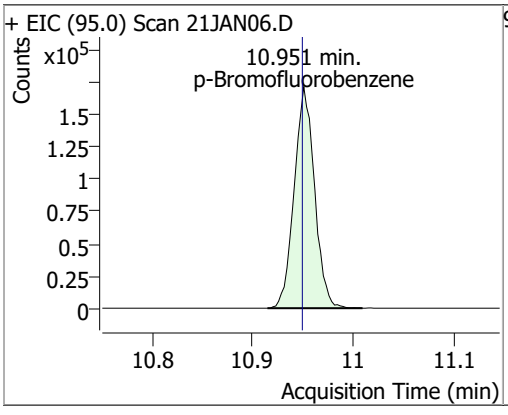


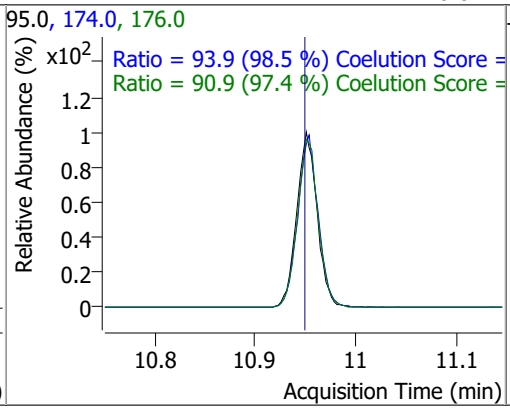
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

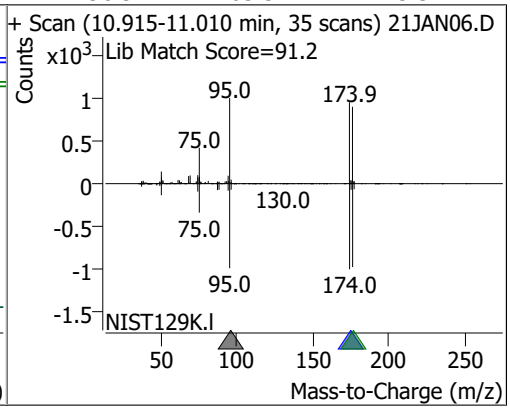




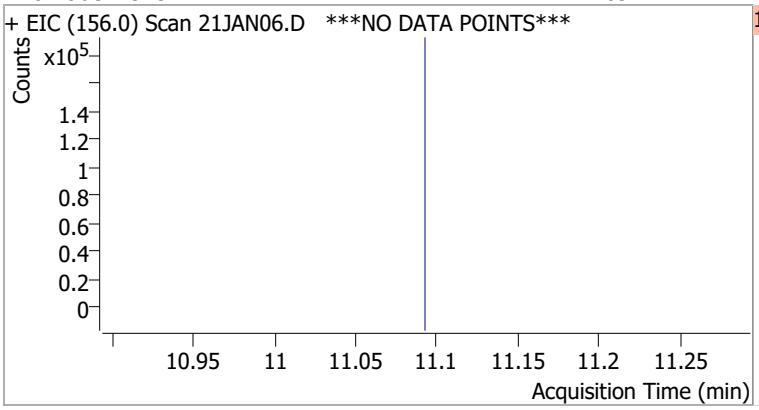
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	260.2752	10.95	0.00	241558	174.0	93.9	65.3	125.3
					176.0	90.9	63.3	123.3

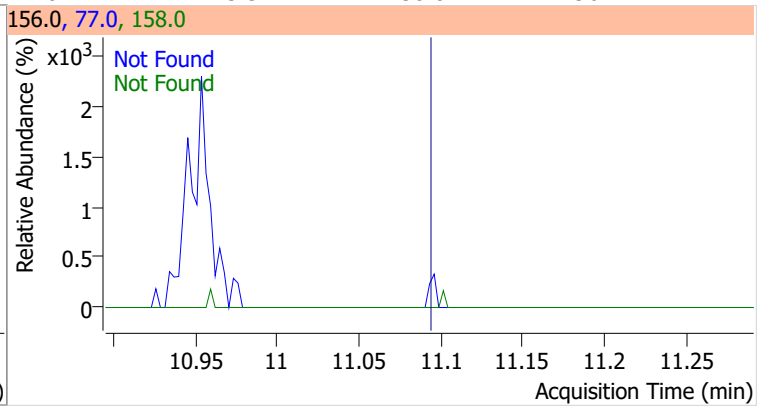




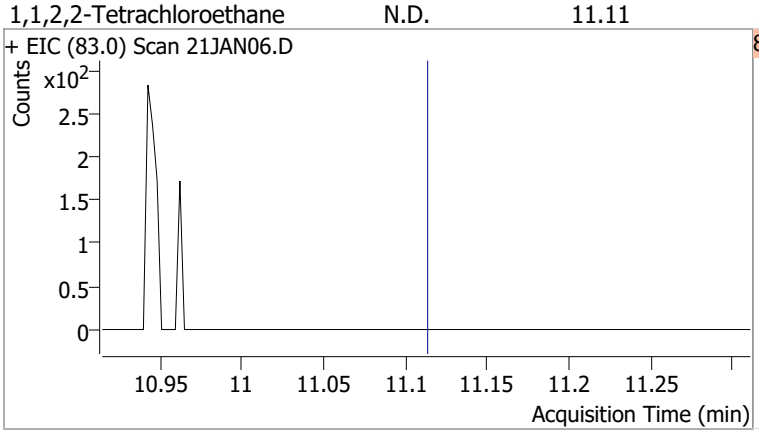


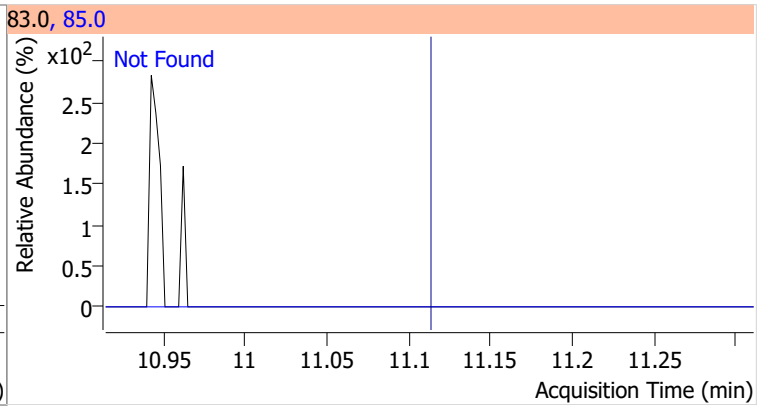
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



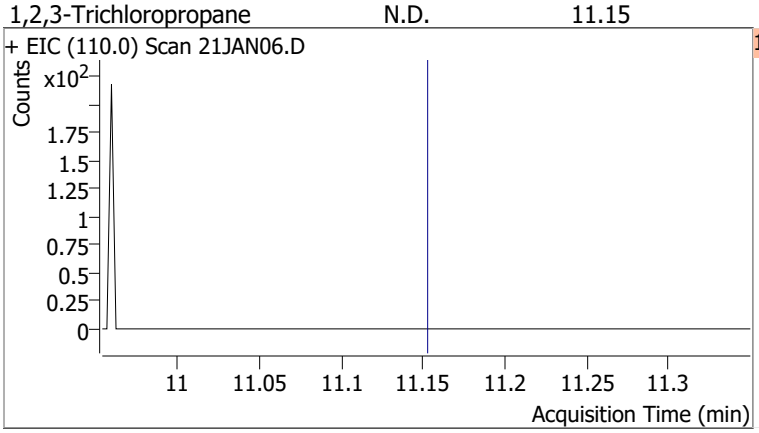


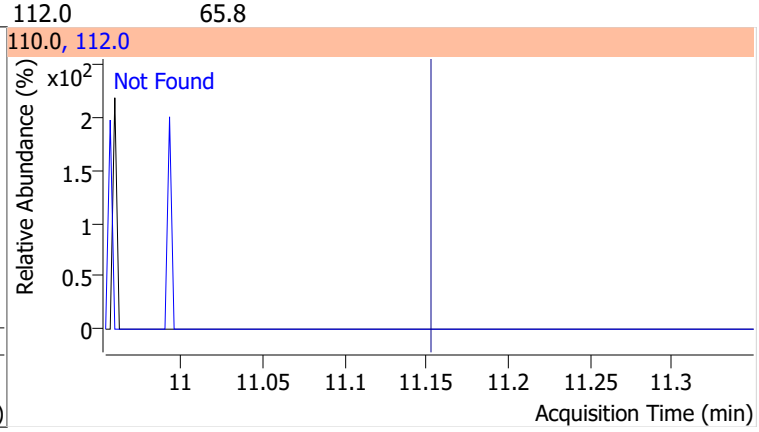
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



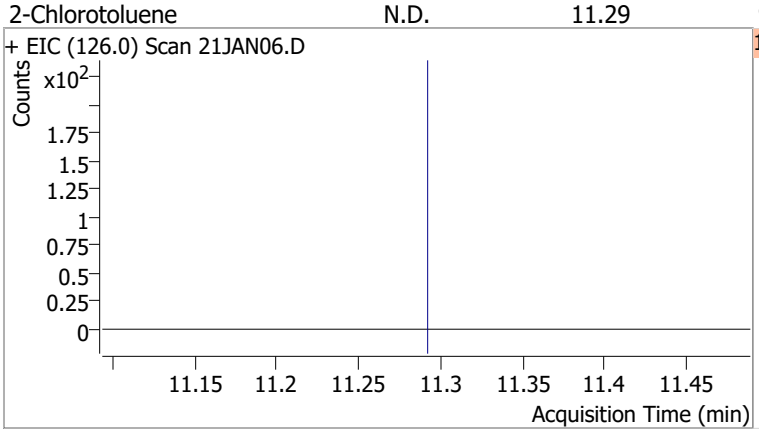


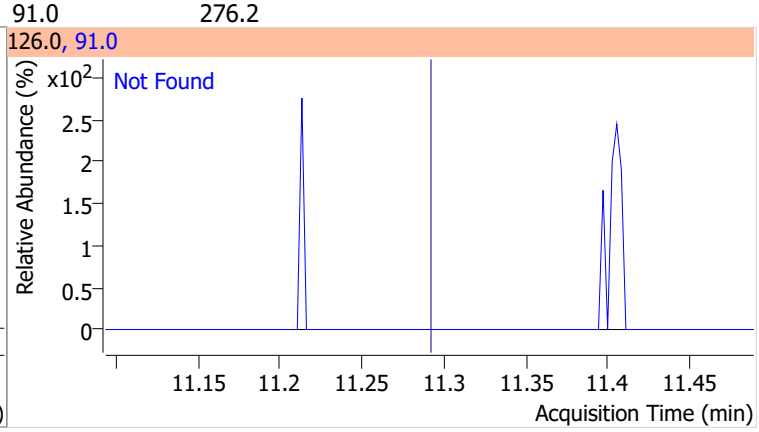
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



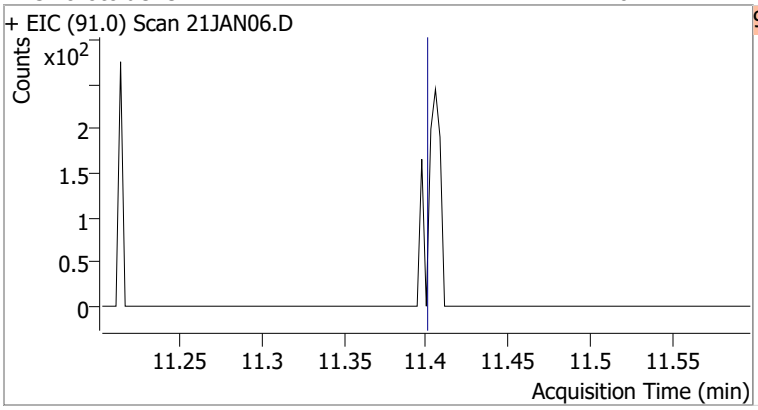


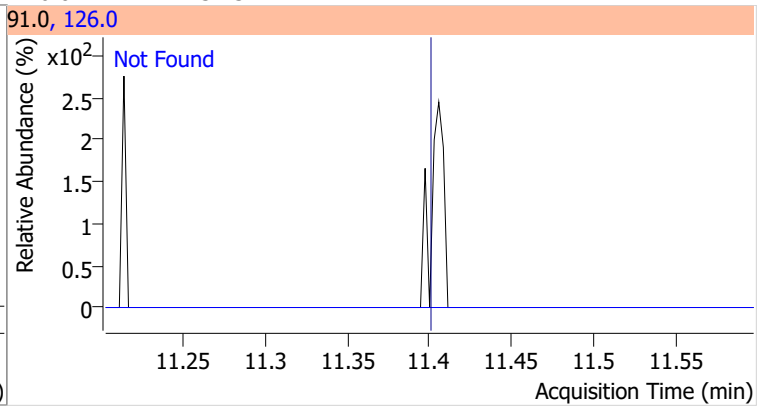
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



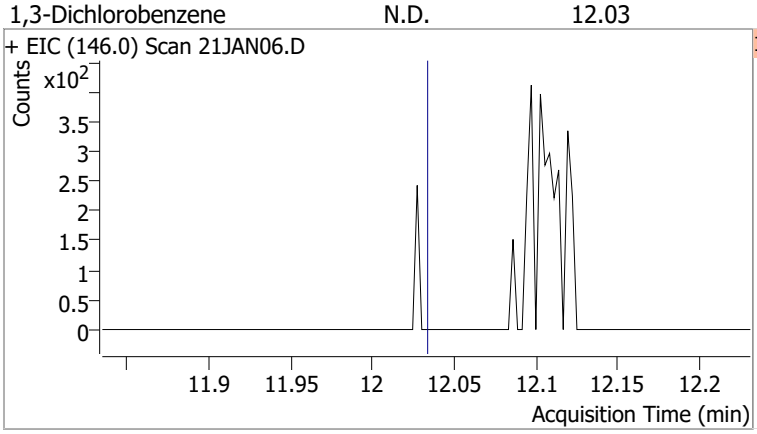


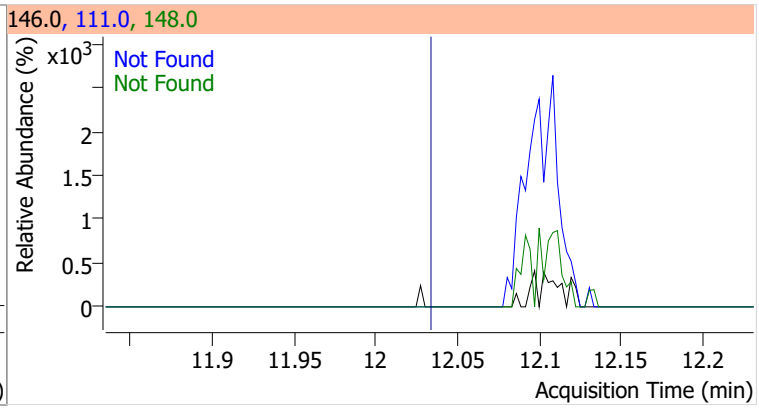
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



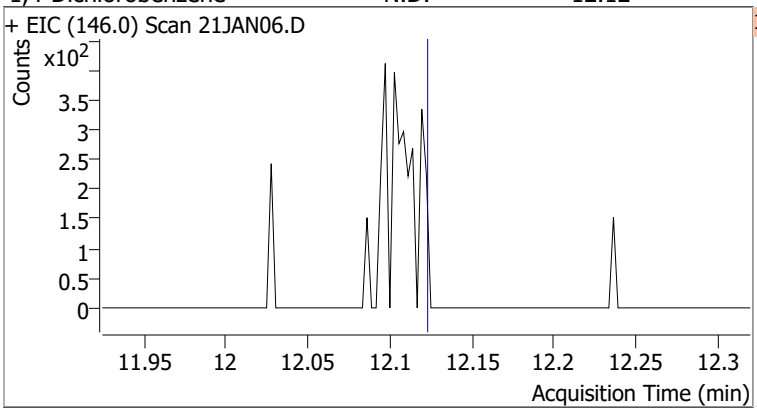


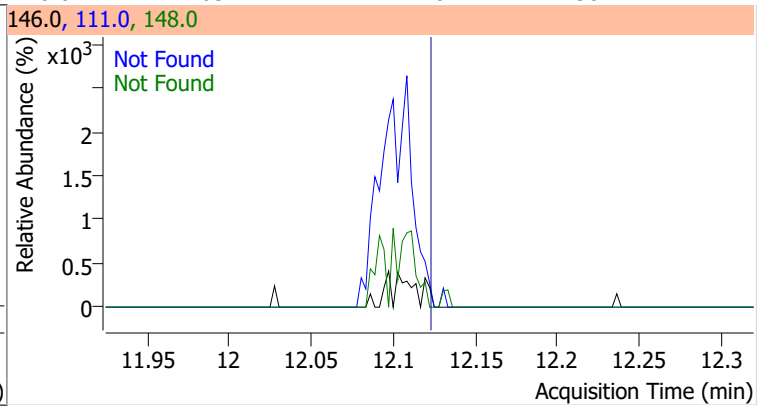
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



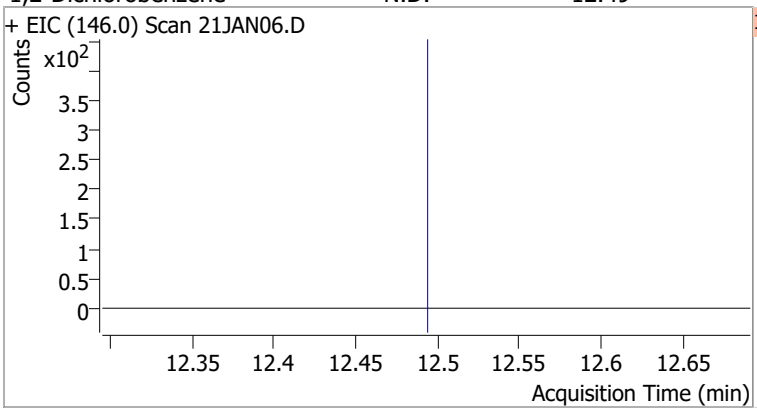


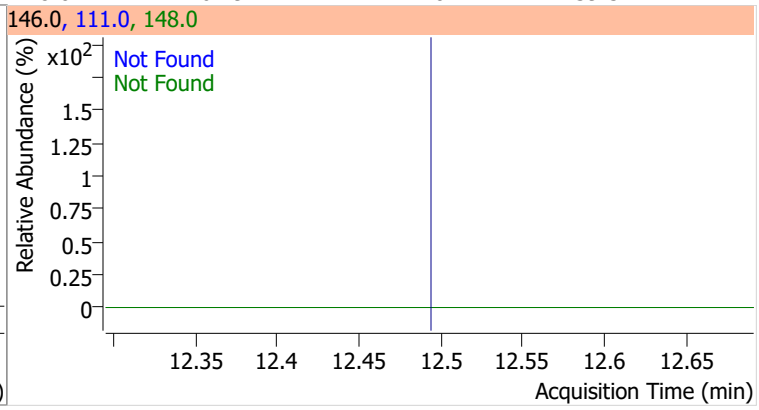
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





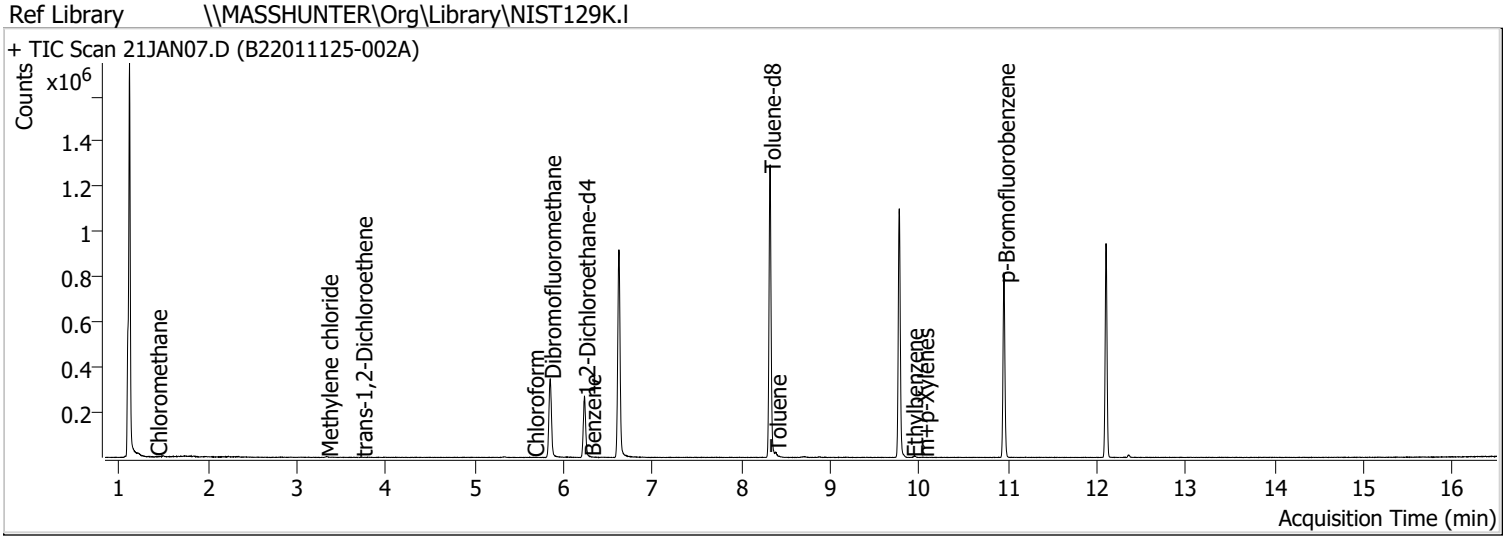
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN07.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 12:31:38 PM
Sample Name	B22011125-002A	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

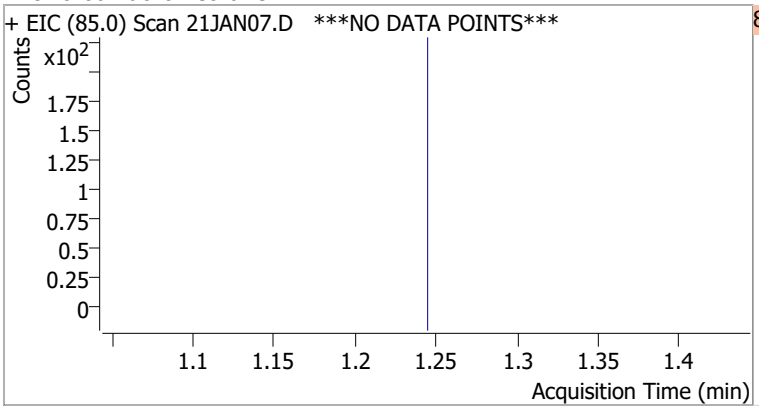


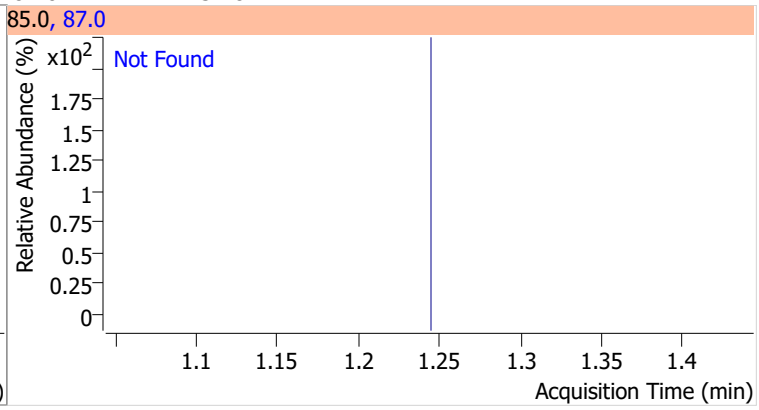
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	790246	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	306869	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	222076	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	211407	276.1980	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 110.48%			
S 1,2-Dichloroethane-d4	6.233	67.0	94867	286.9189	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.77%			
S Toluene-d8	8.319	98.0	795514	265.7203	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.29%			
S p-Bromofluorobenzene	10.951	95.0	227524	277.4831	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 110.99%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.414	50.0	535	0.4279	ng	m	75
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	2490	2.1554	ng	m	94
T trans-1,2-Dichloroethene	3.723	96.0	138	0.1684	ng	m	89
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.656	83.0	105	0.0686	ng	m	98

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.297	78.0	180	0.0570	ng	m	68
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	8.380	92.0	3617	1.8125	ng	m	93
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.919	91.0	493	0.7292	ng	m	58
T m+p-Xylenes	10.042	106.0	274	1.9699	ng	m	82
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.			

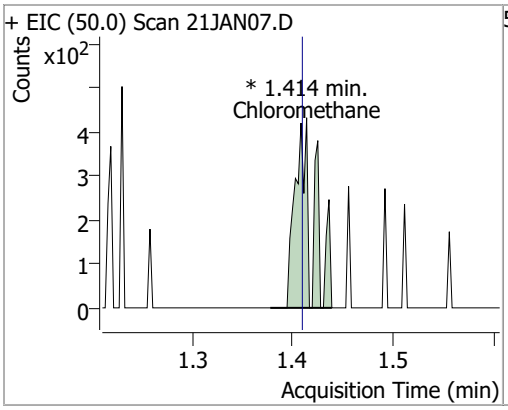
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

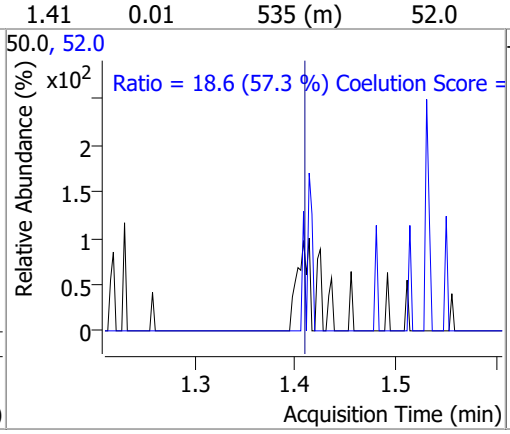
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

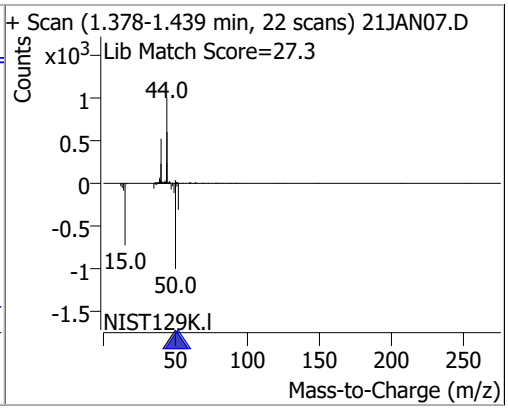




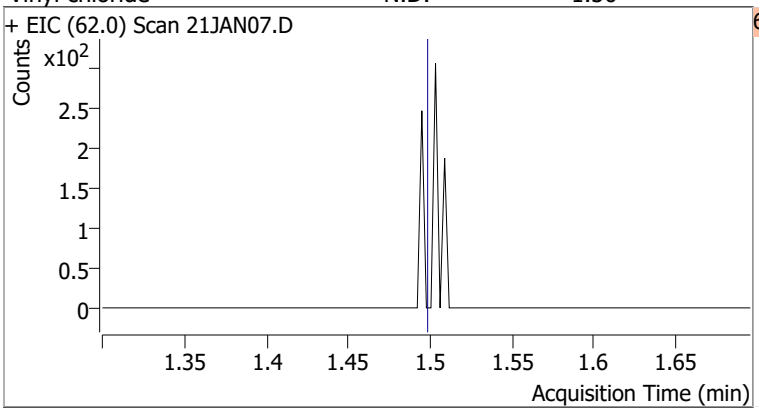
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.4279	1.41	0.01	535 (m)	52.0	18.6	2.4	62.4

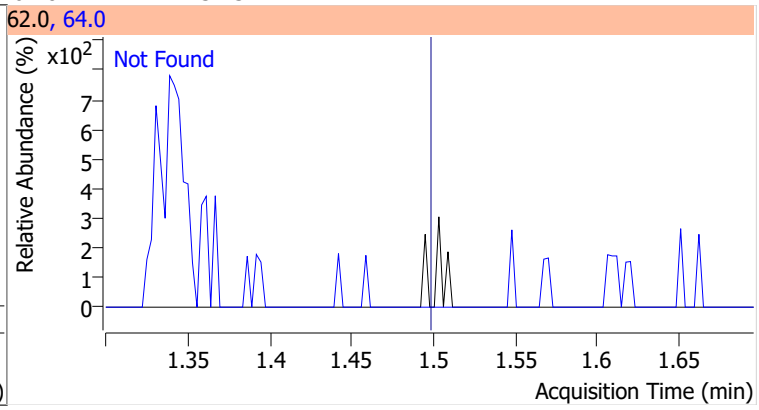




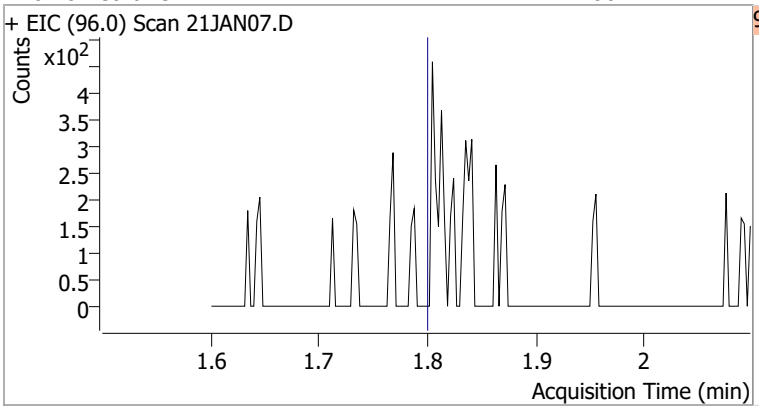


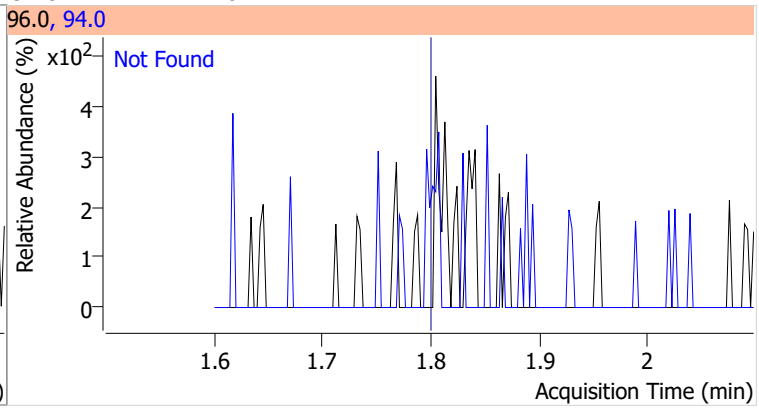
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



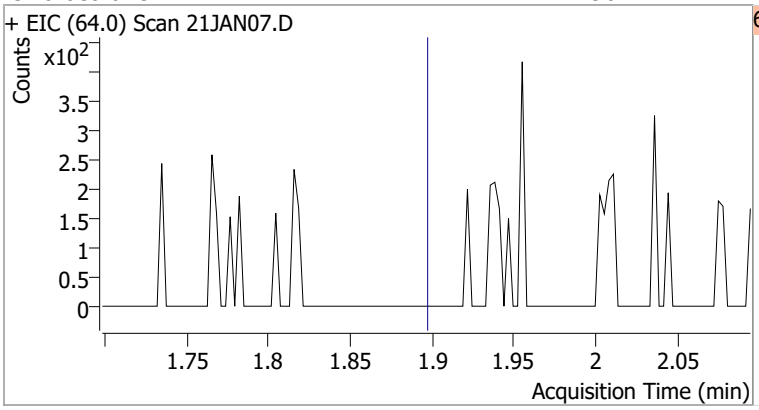


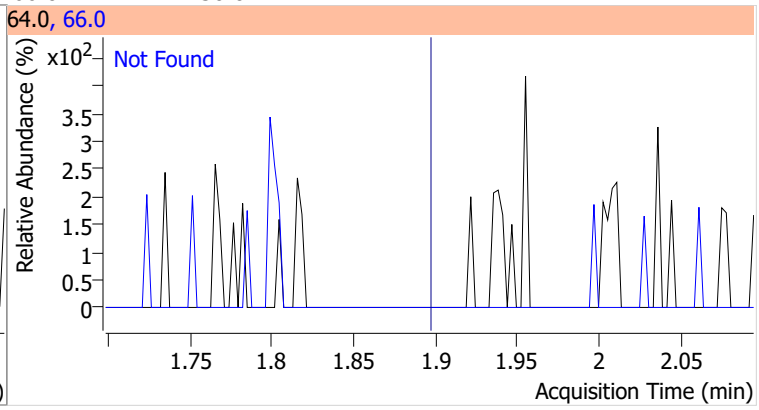
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



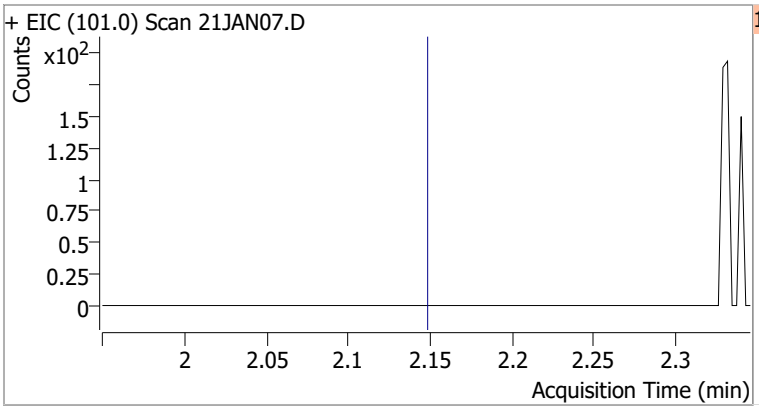


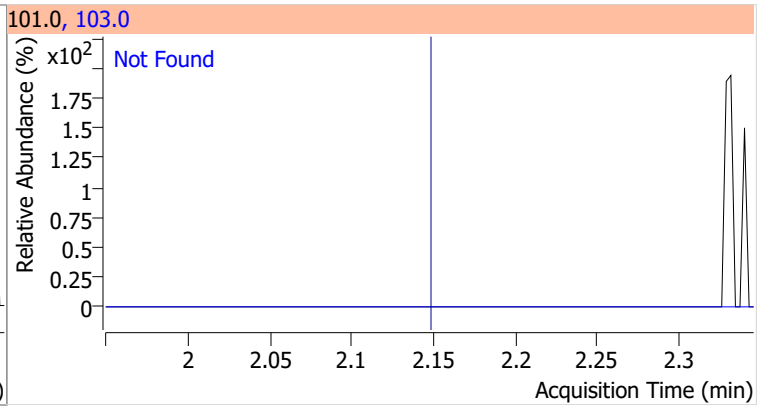
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



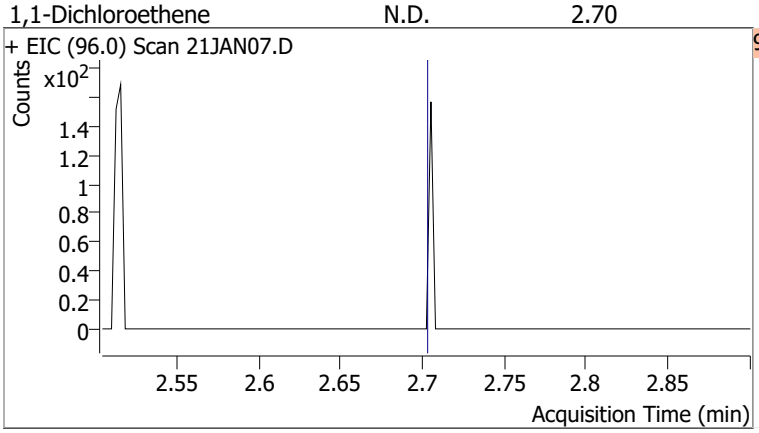


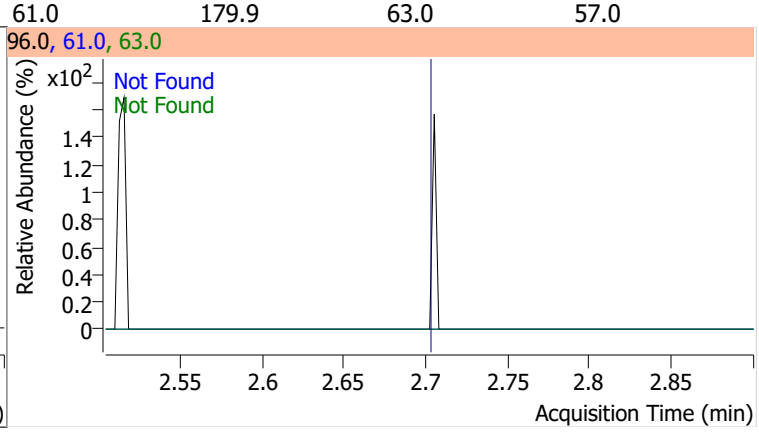
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



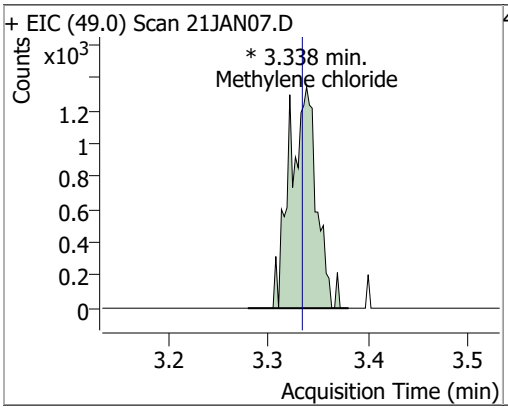


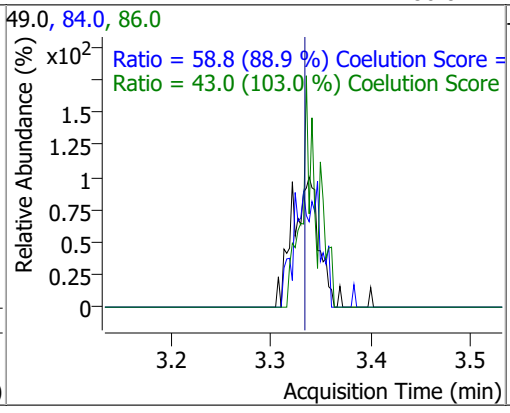
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

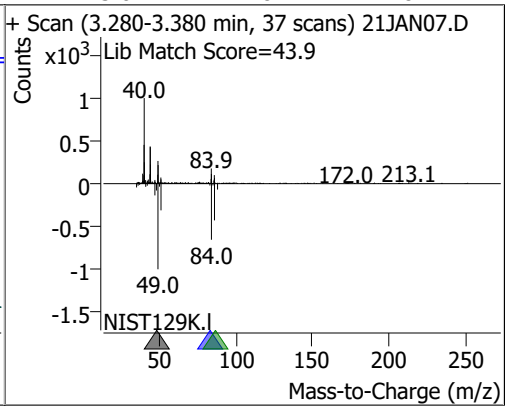




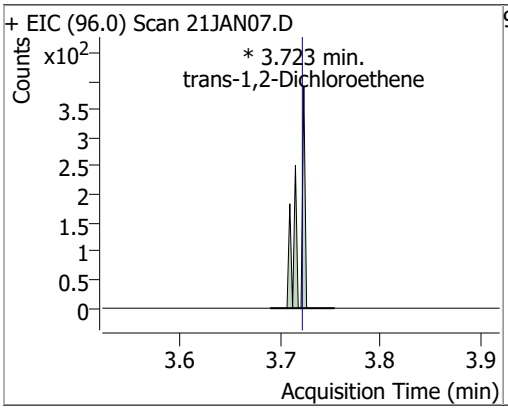
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	2.1554	3.34	0.01	2490 (m)	84.0	58.8	36.1	96.1
					86.0	43.0	11.8	71.8

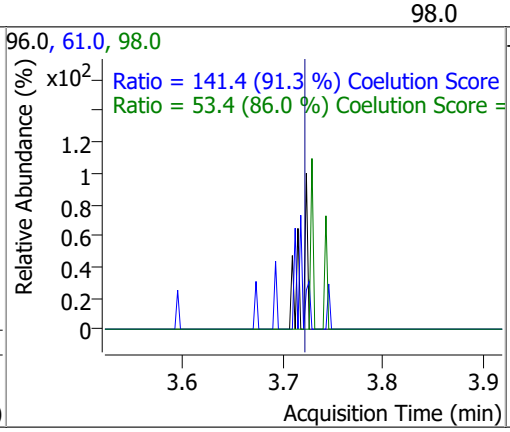


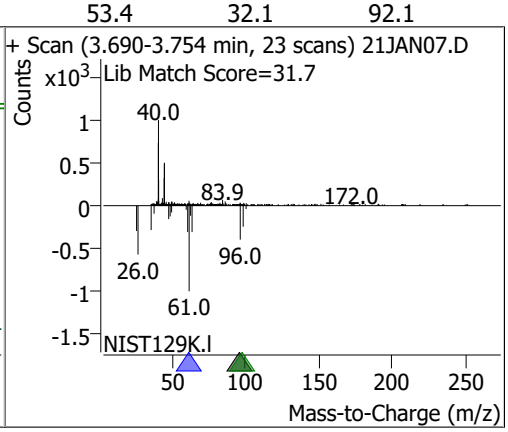




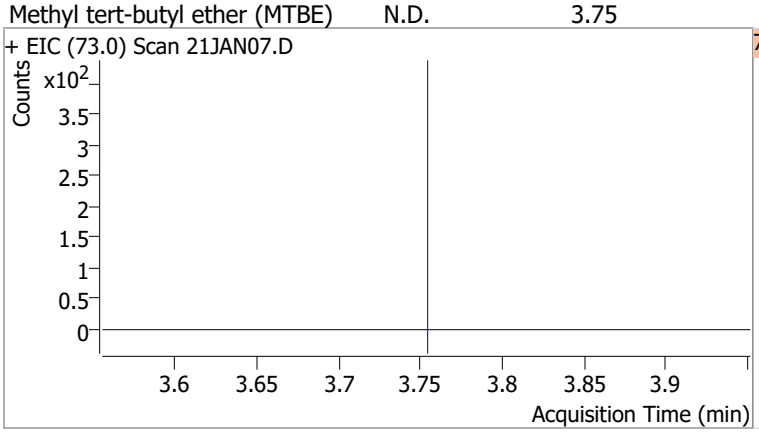
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	0.1684	3.72	0.00	138 (m)	61.0	141.4	124.8	184.8
					98.0	53.4	32.1	92.1

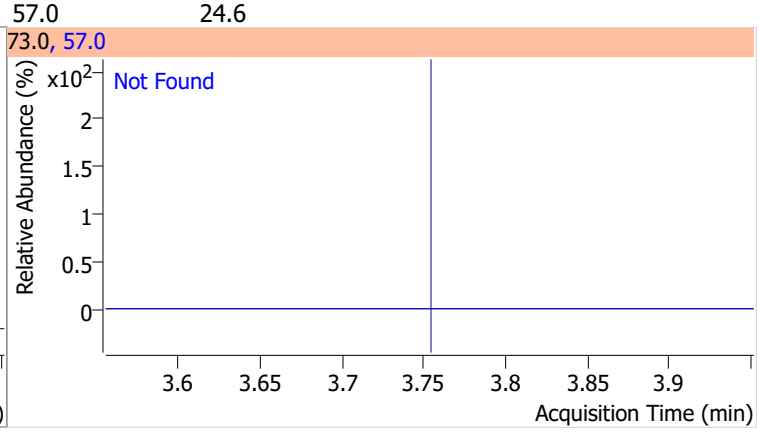




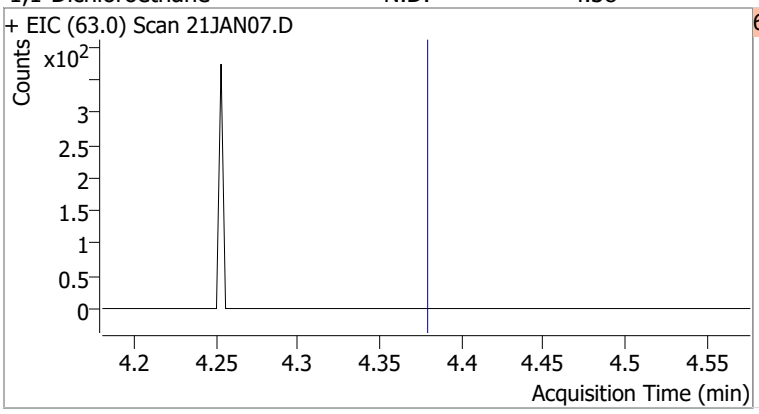


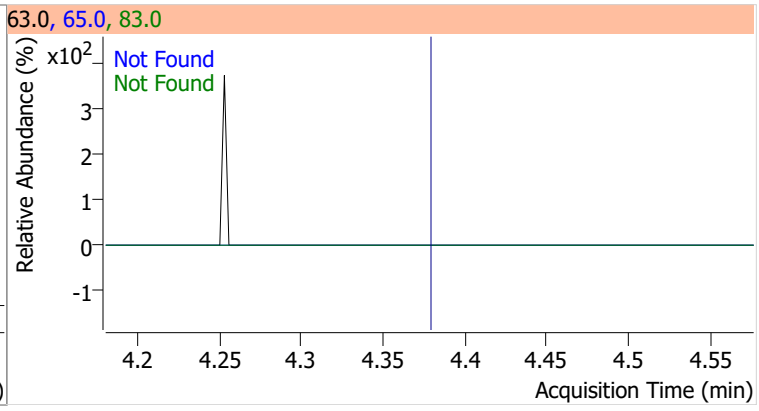
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



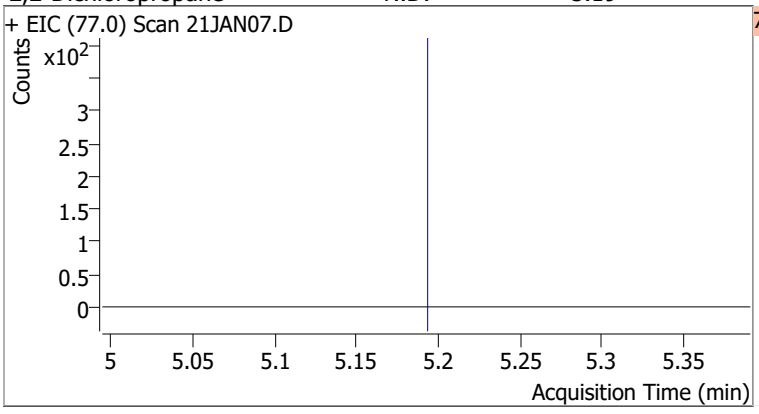


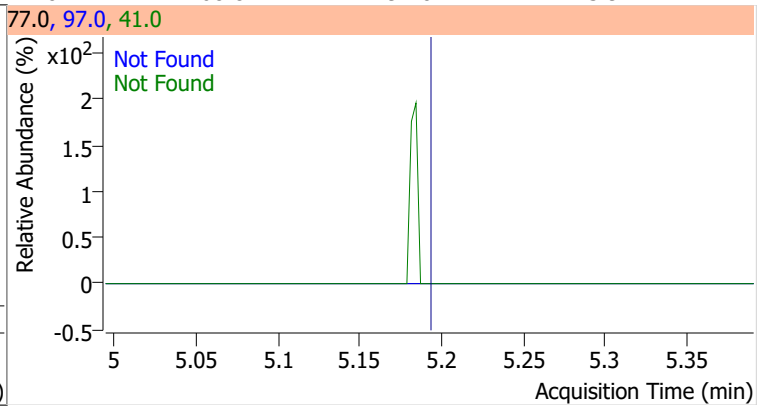
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



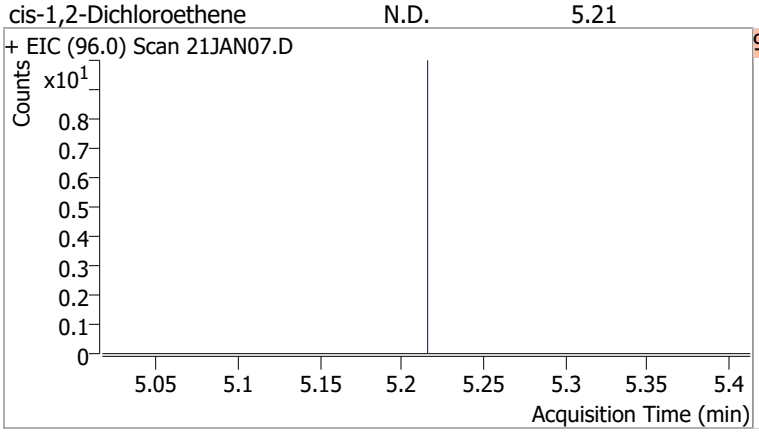


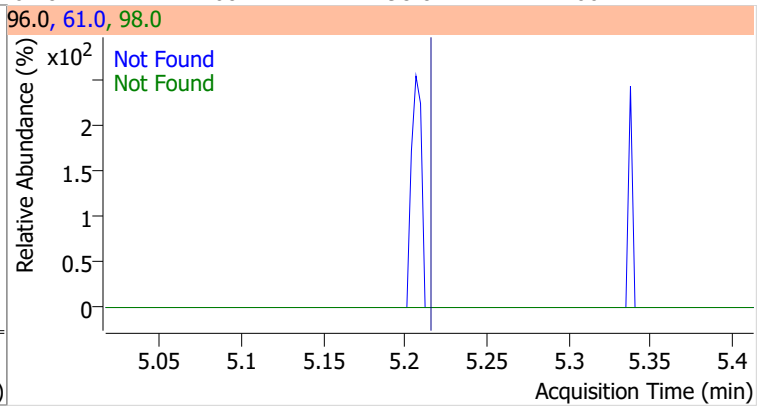
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



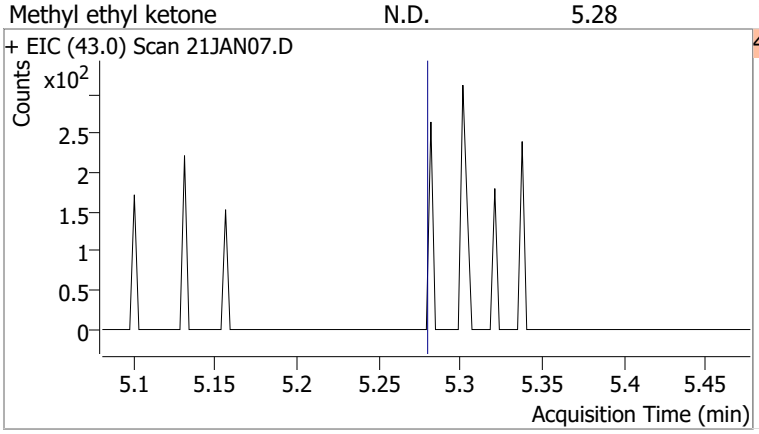


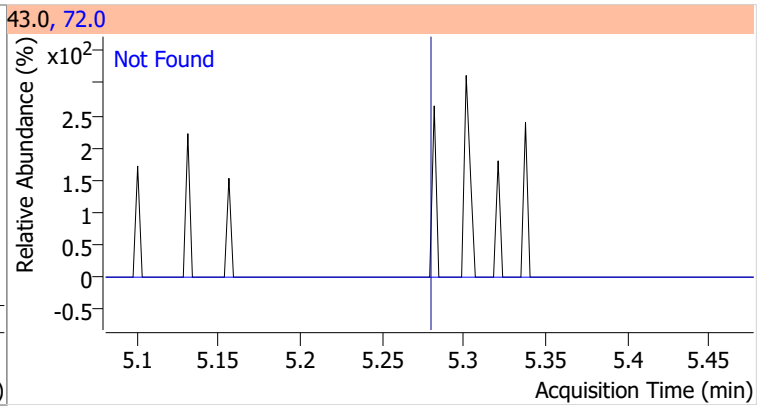
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



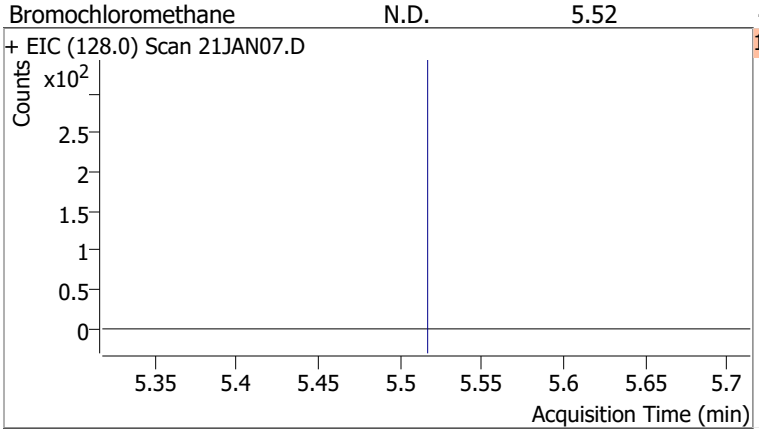


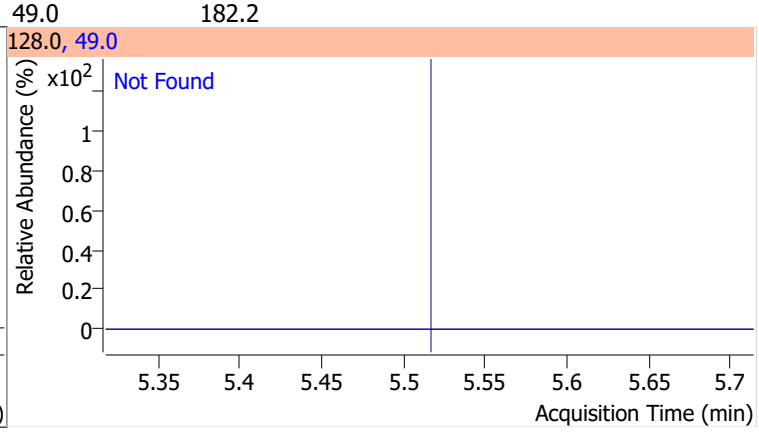
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



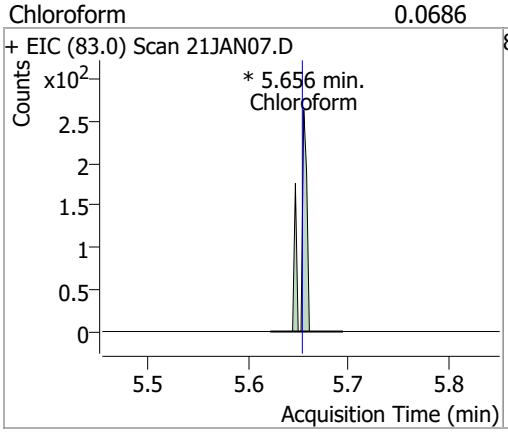


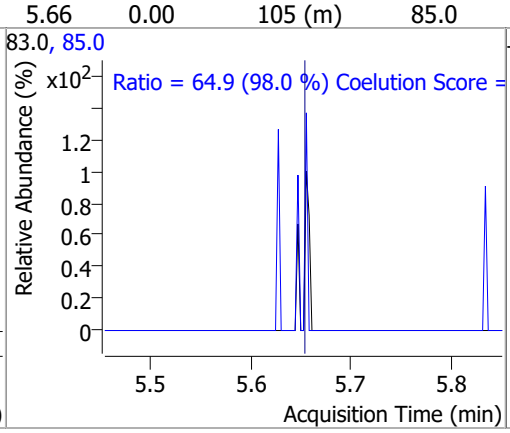
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

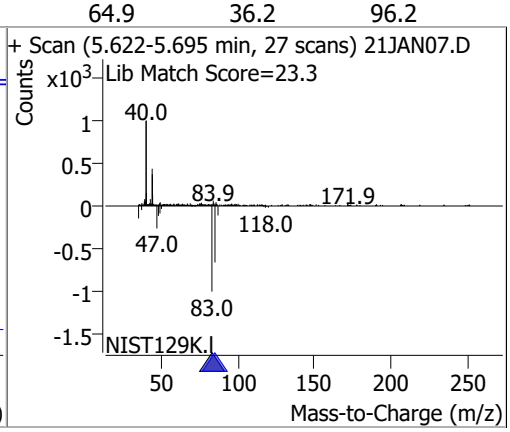




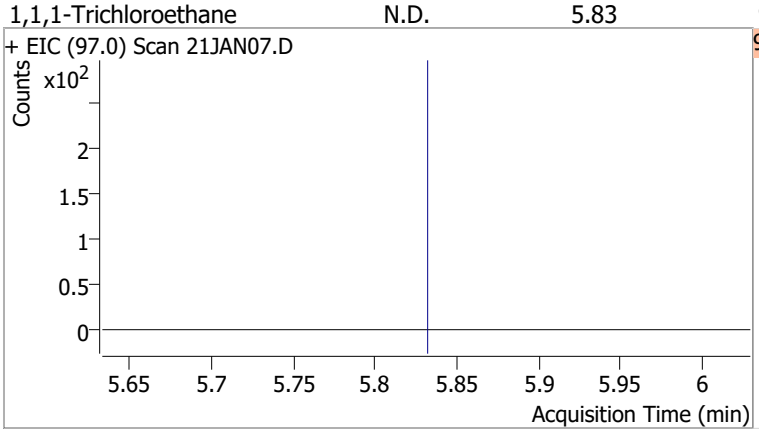
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.0686	5.66	0.00	105 (m)	85.0	64.9	36.2	96.2

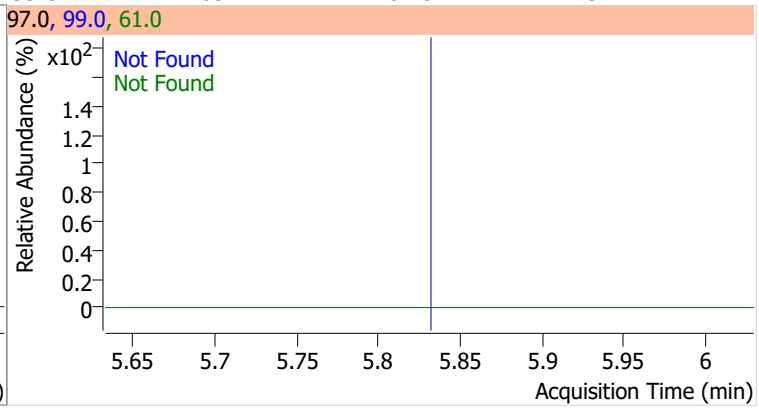




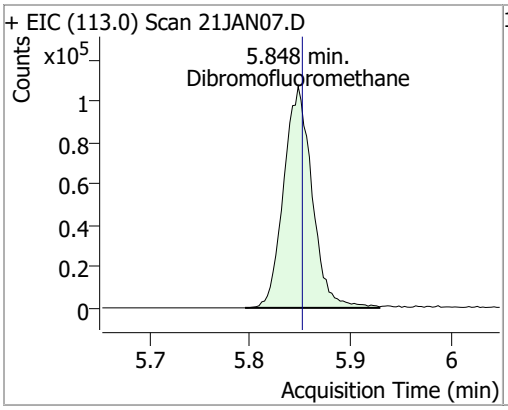


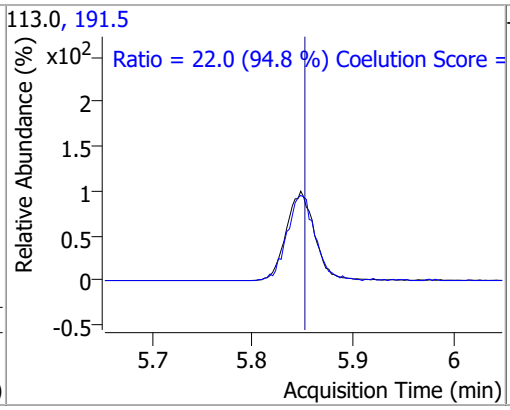
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

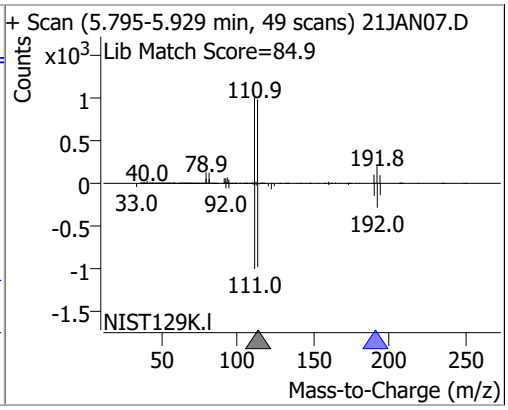




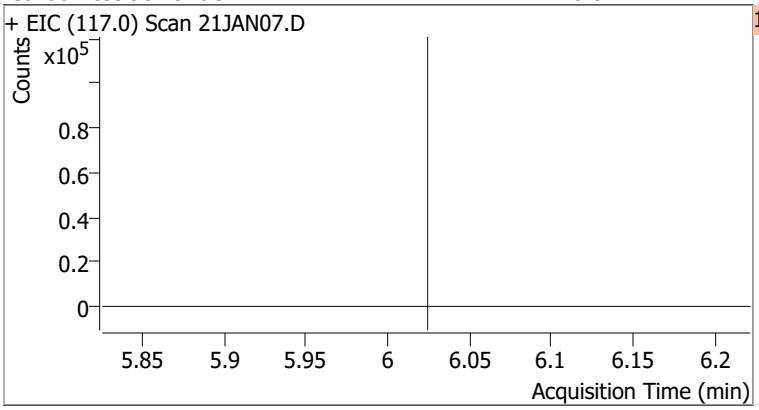
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	276.1980	5.85	0.00	211407	191.5	22.0	0.0	53.2

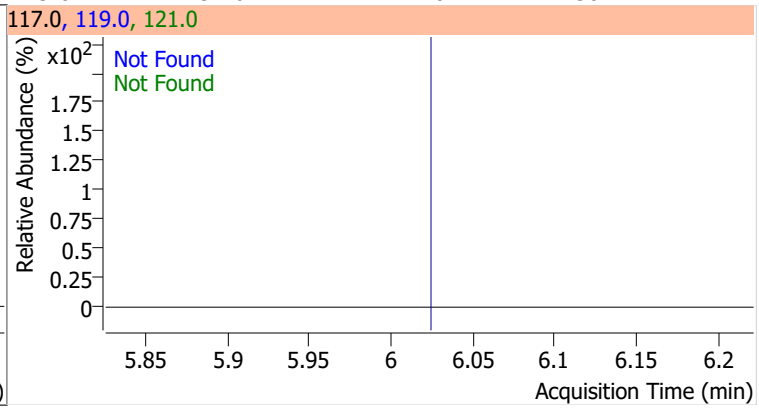




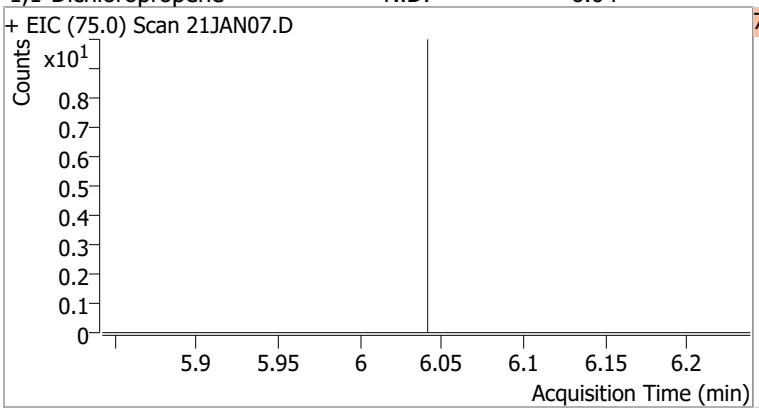


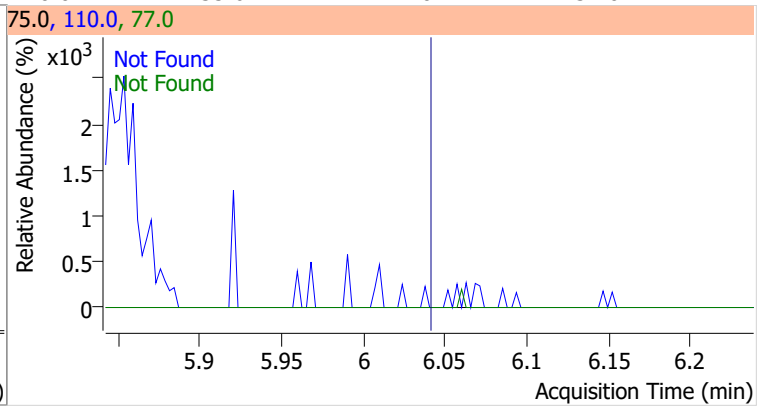
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



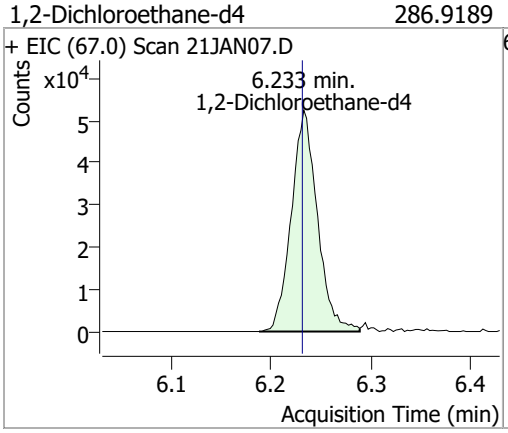


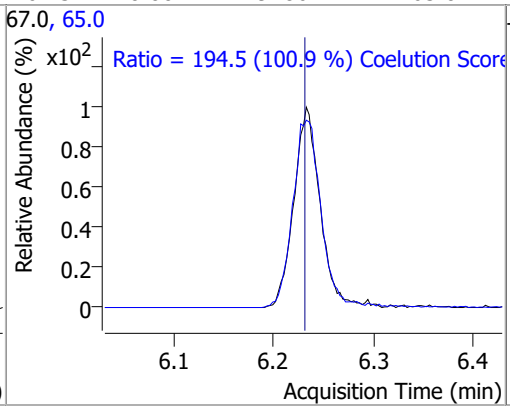
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

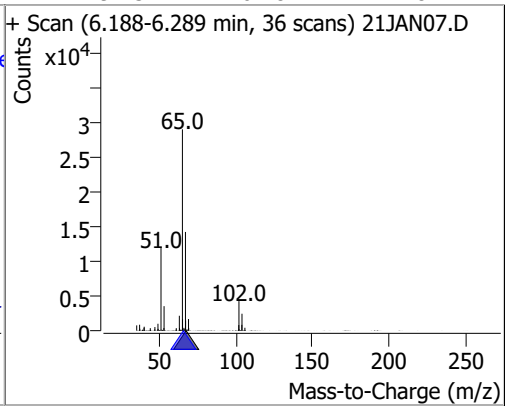




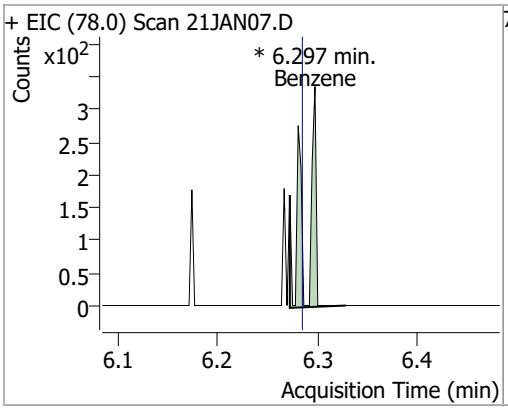
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	286.9189	6.23	0.00	94867	65.0	194.5	162.8	222.8

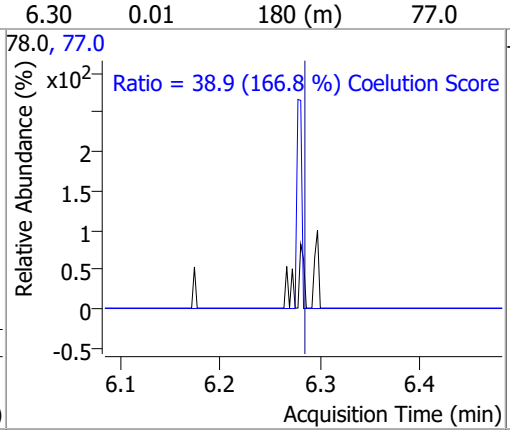


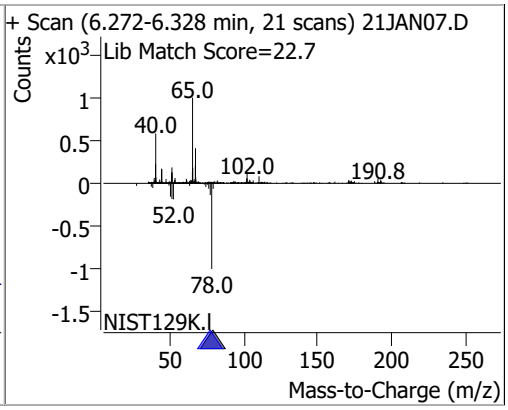




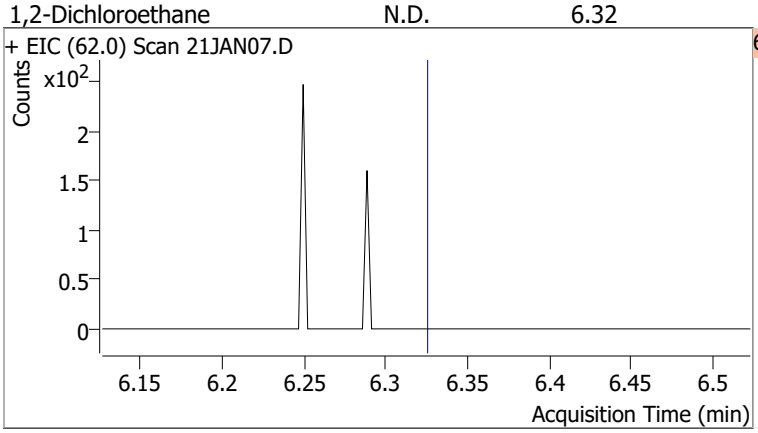
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.0570	6.30	0.01	180 (m)	77.0	38.9	0.0	53.3

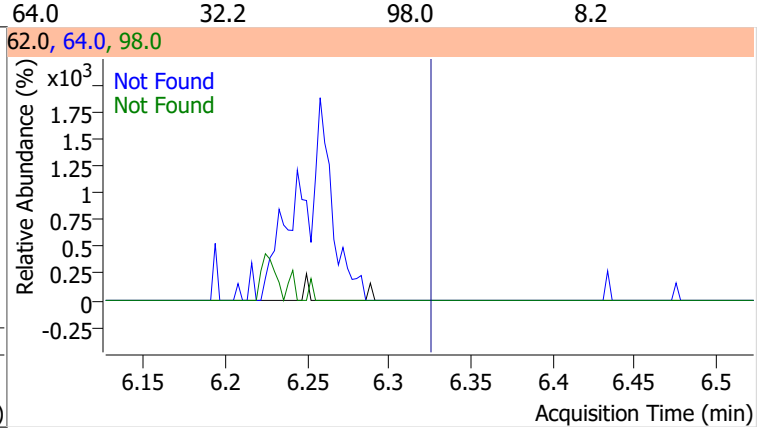




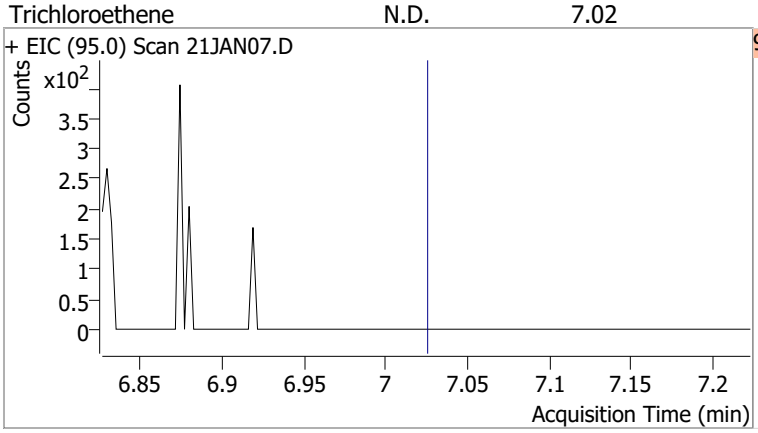


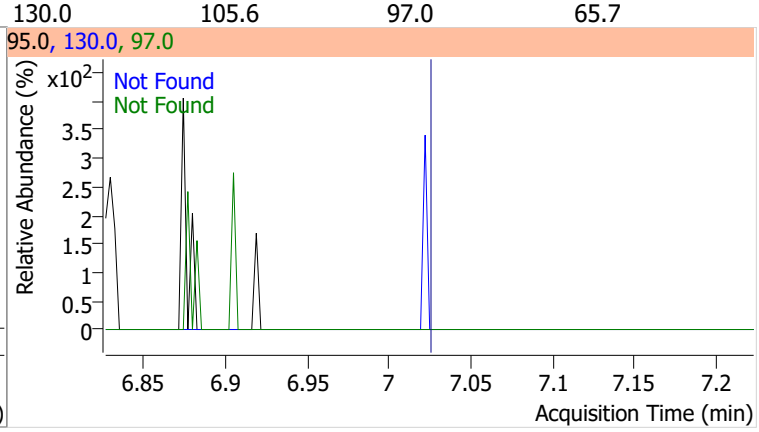
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



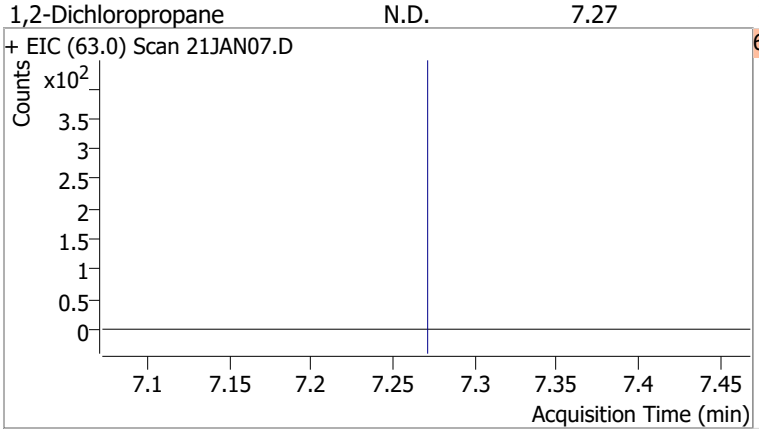


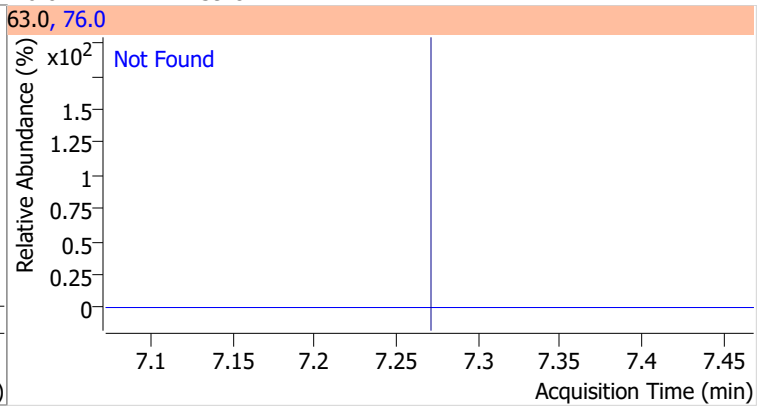
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



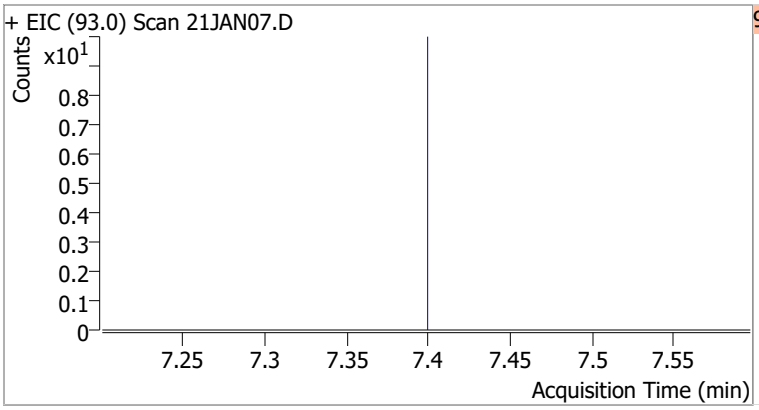


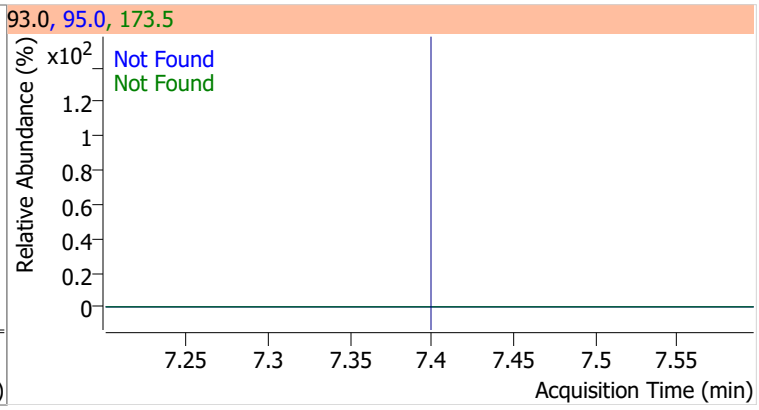
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



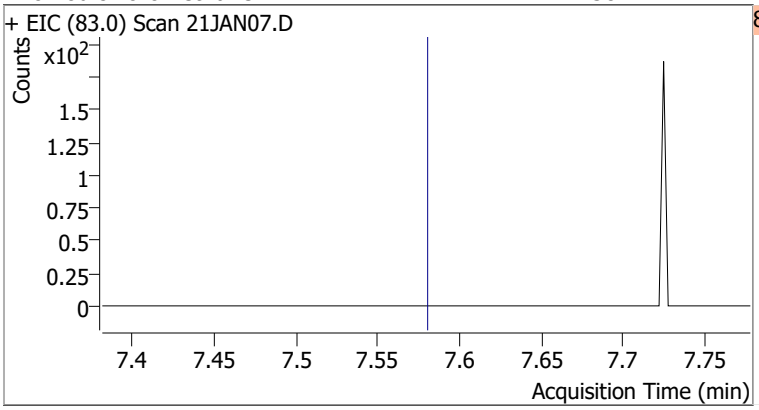


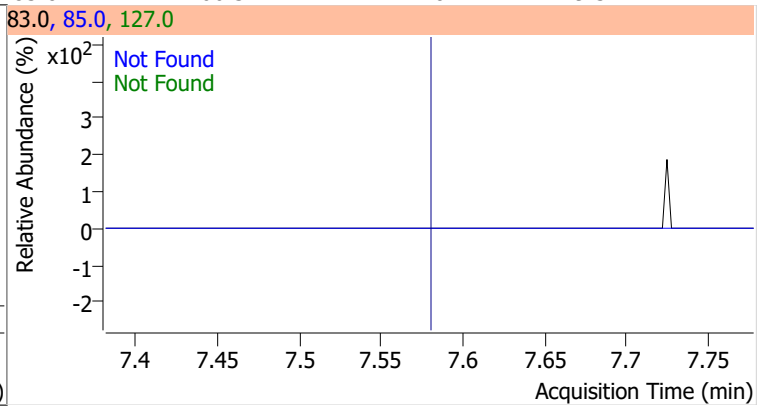
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



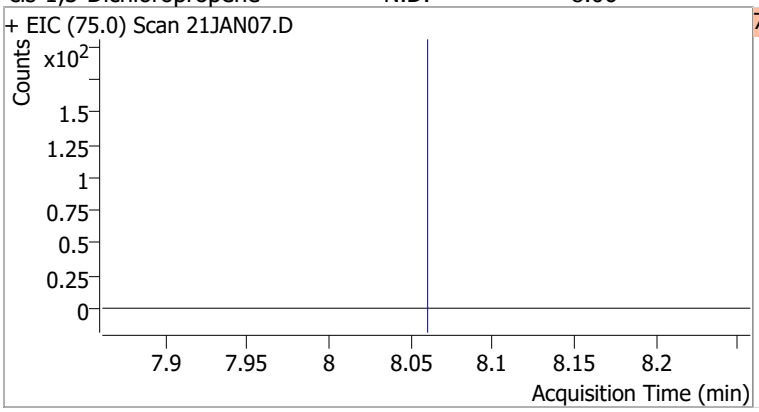


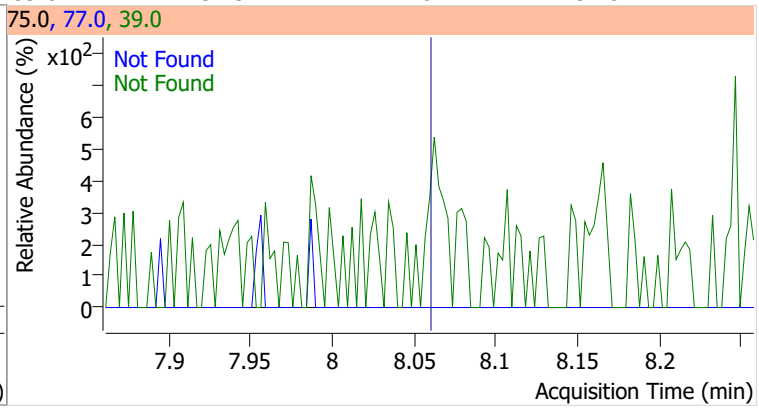
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



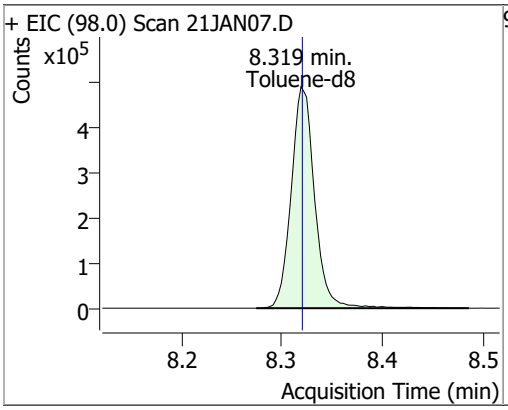


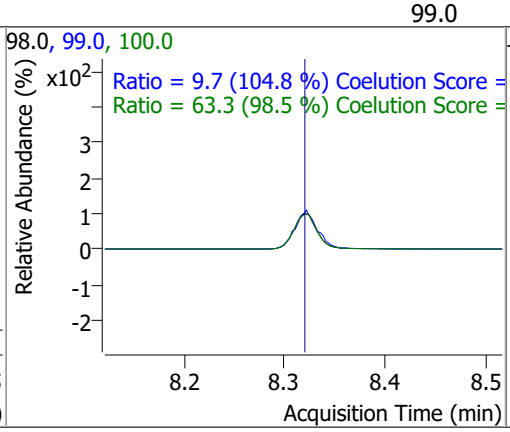
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

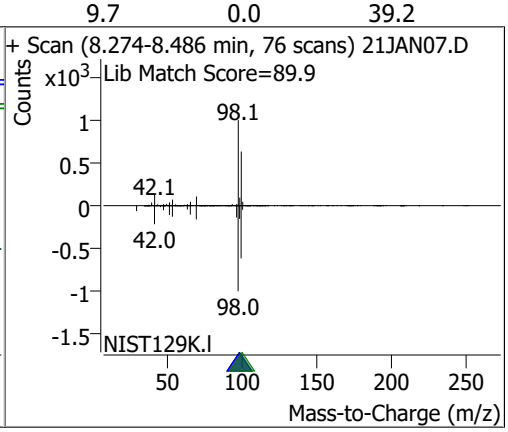




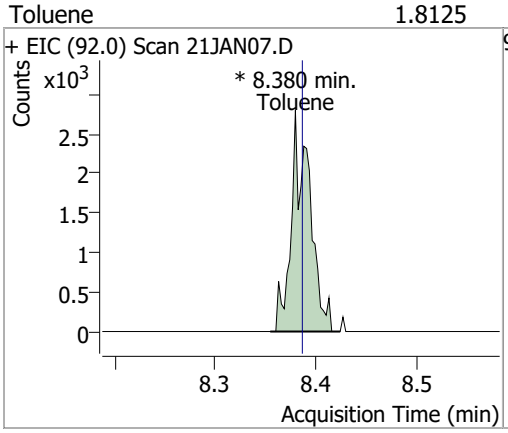
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.7203	8.32	0.00	795514	100.0	63.3	34.3	94.3
					99.0	9.7	0.0	39.2

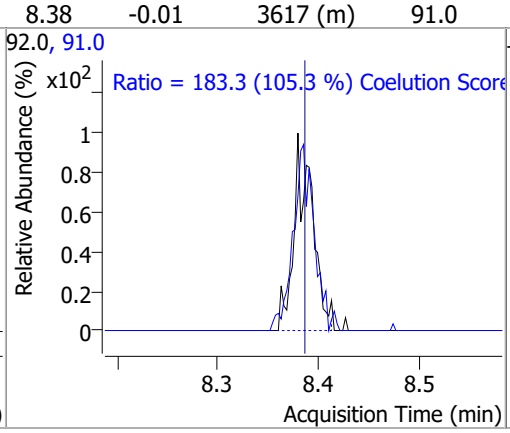


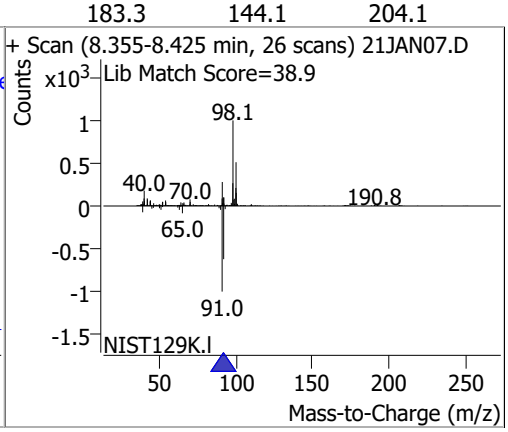




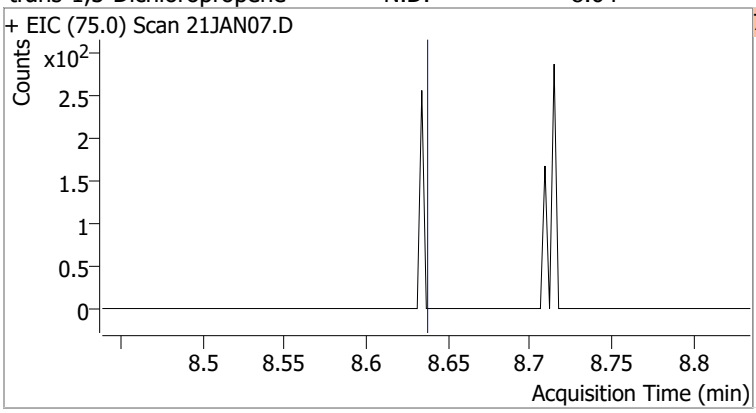
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.8125	8.38	-0.01	3617 (m)	91.0	183.3	144.1	204.1

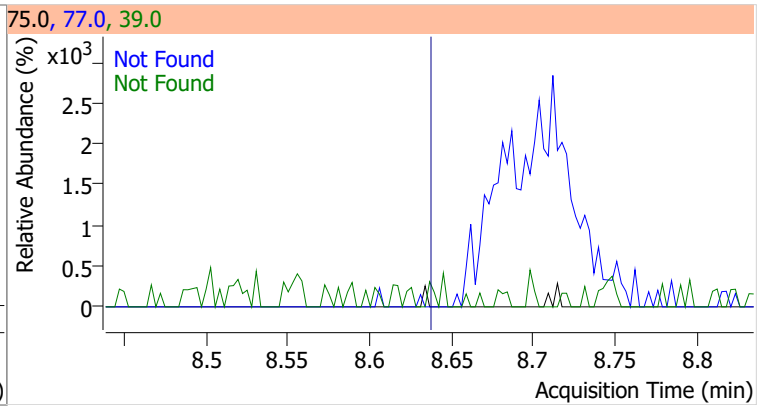




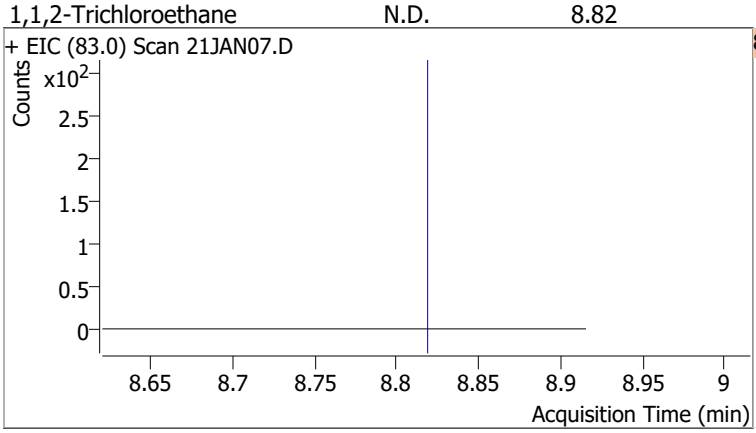


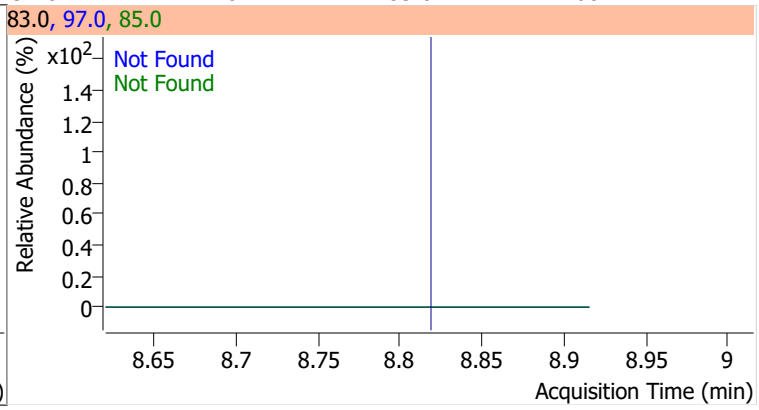
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



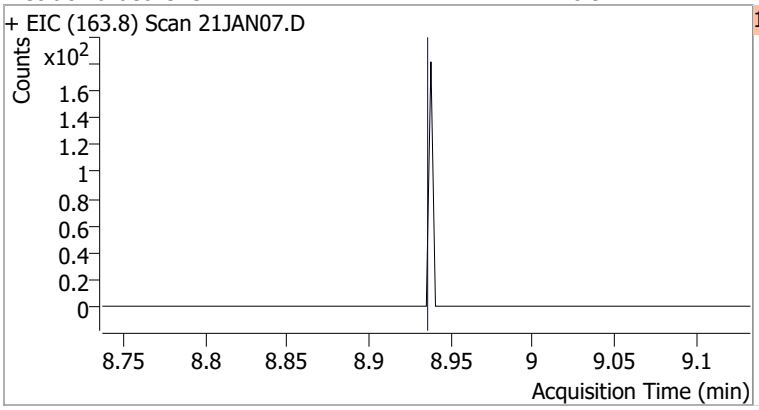


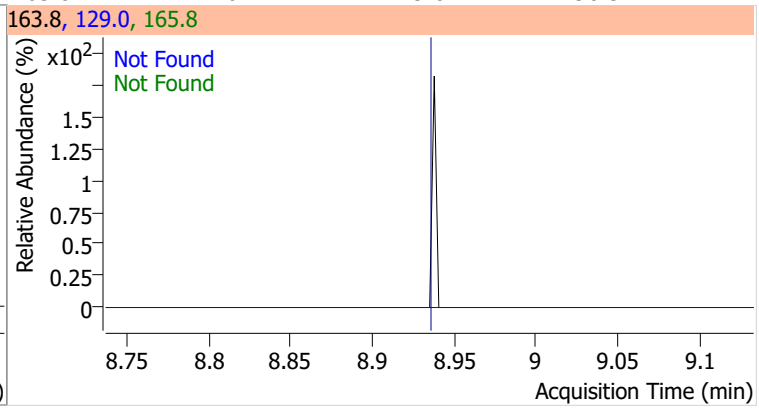
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



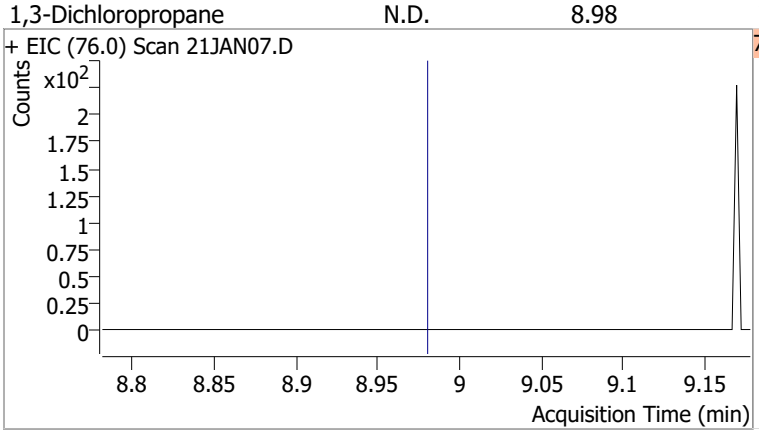


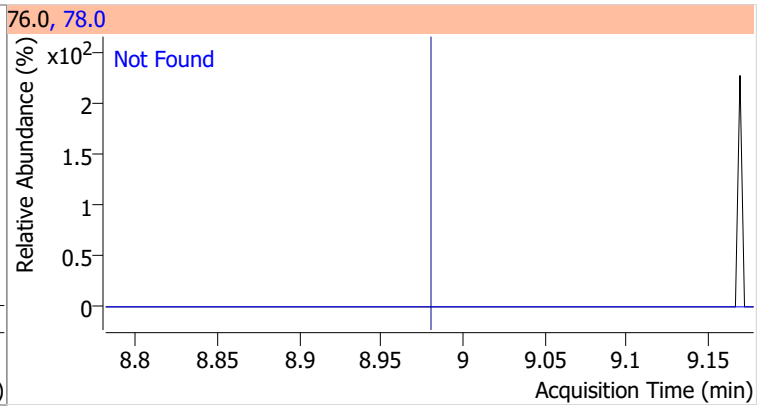
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



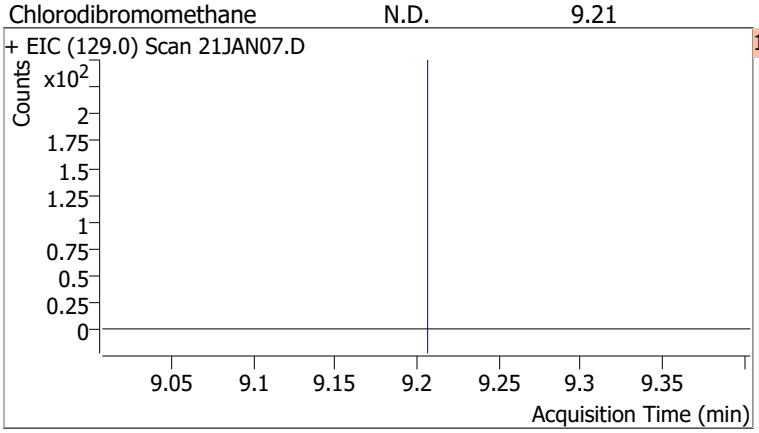


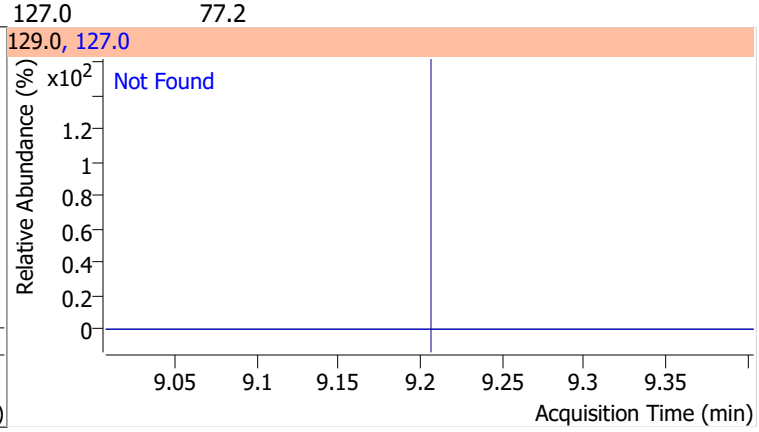
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



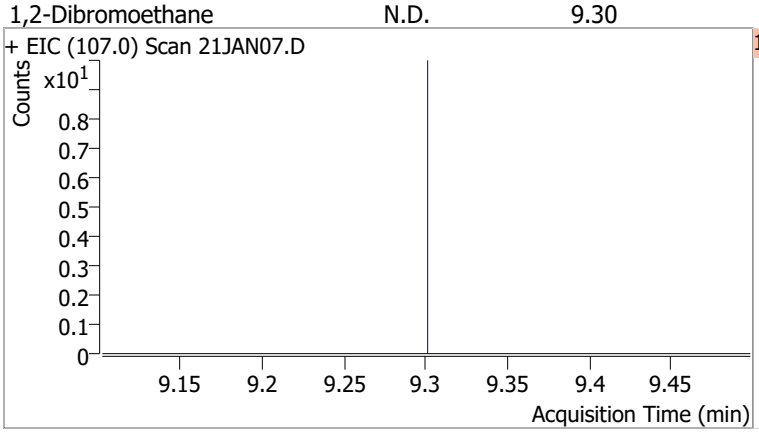


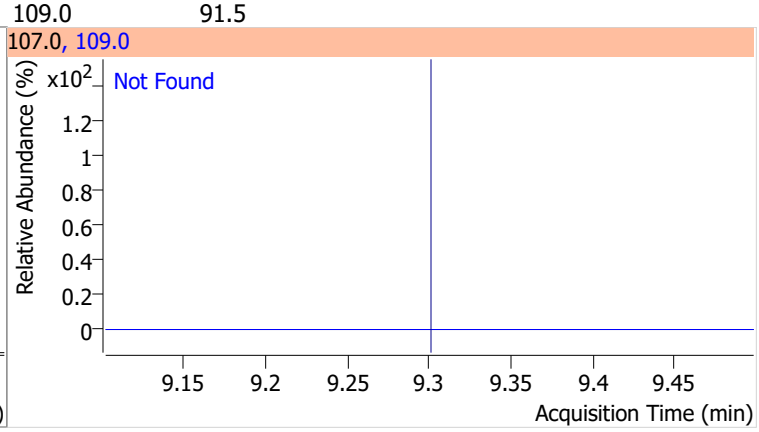
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



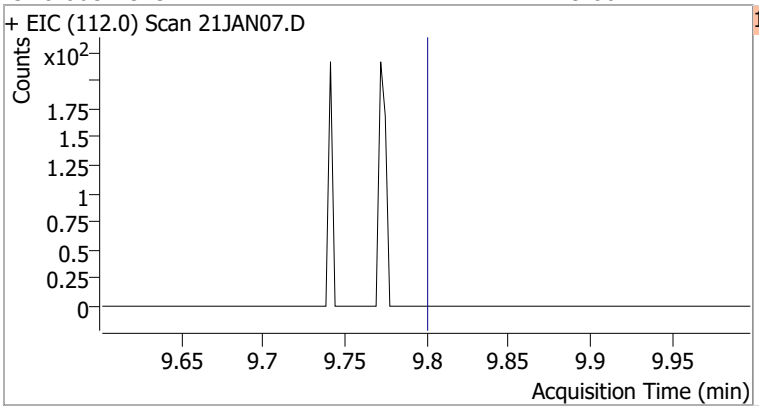


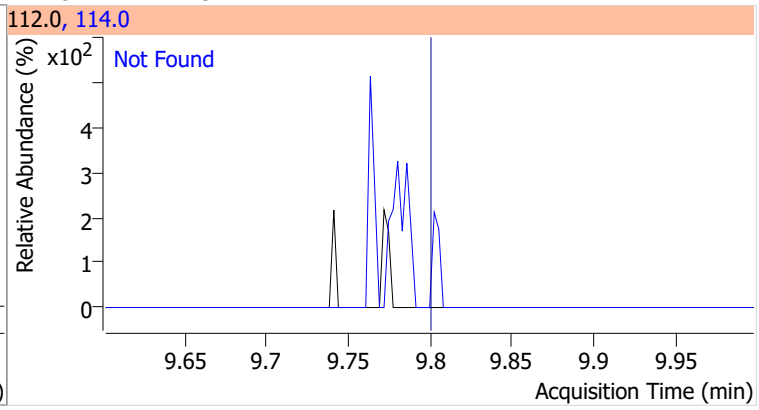
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



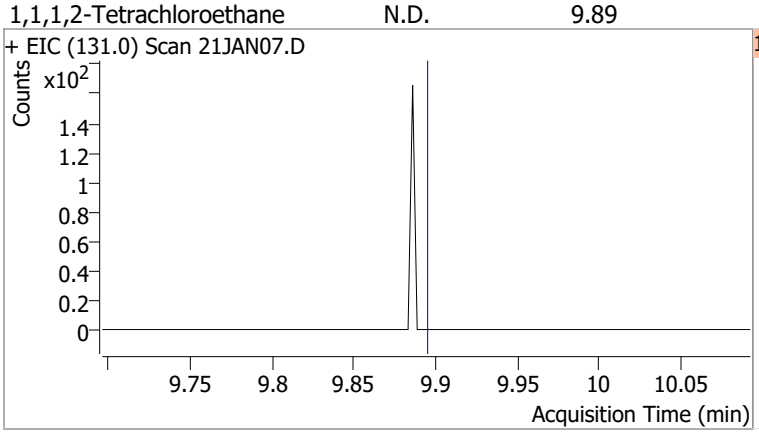


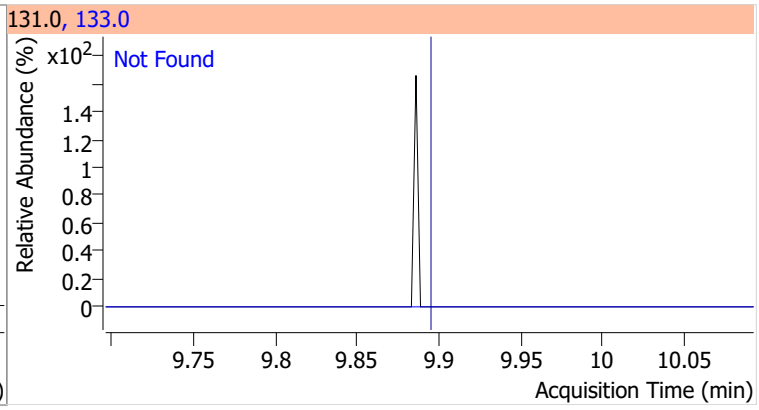
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



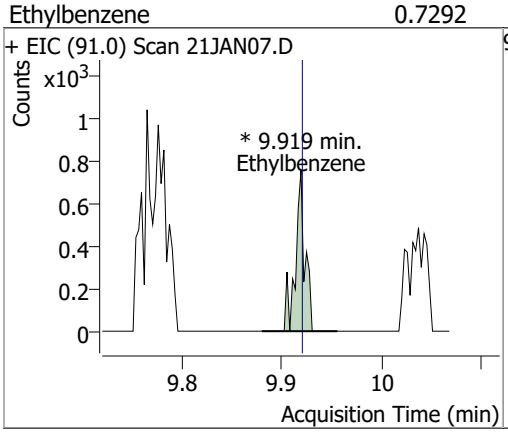


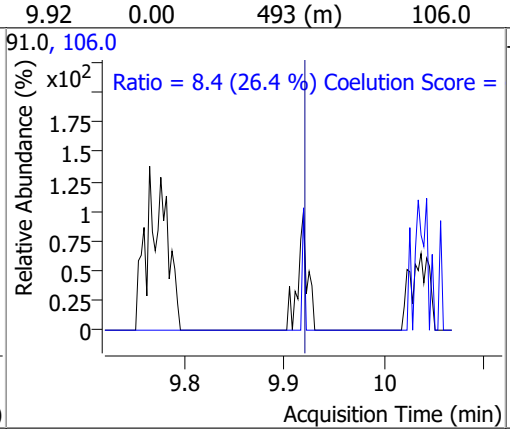
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3

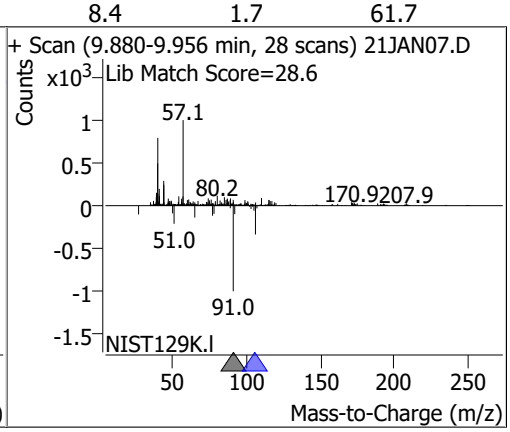




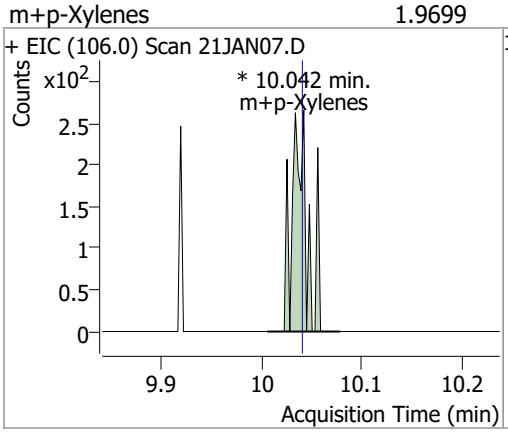
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.7292	9.92	0.00	493 (m)	106.0	8.4	1.7	61.7

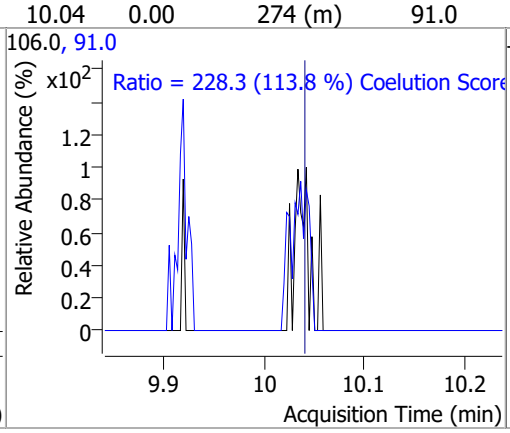


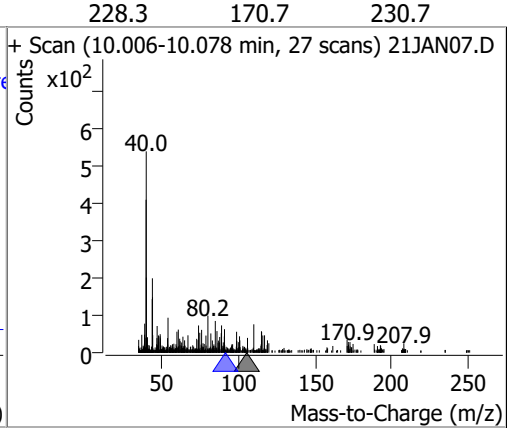




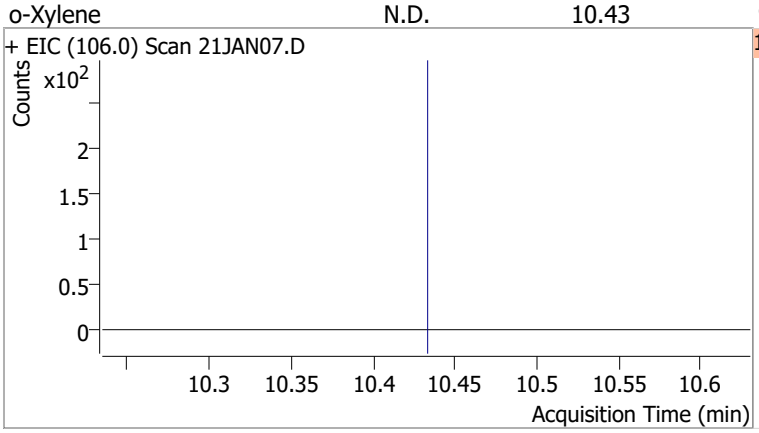
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	1.9699	10.04	0.00	274 (m)	91.0	228.3	170.7	230.7

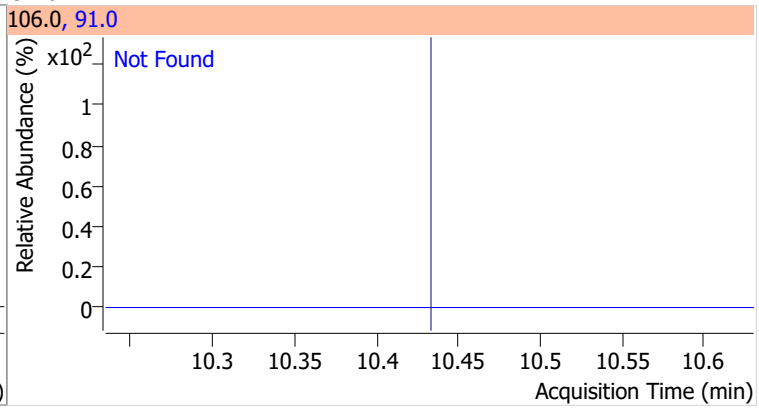




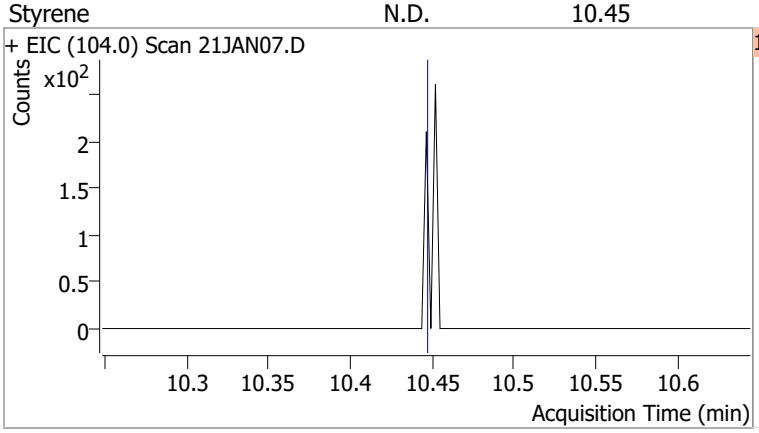


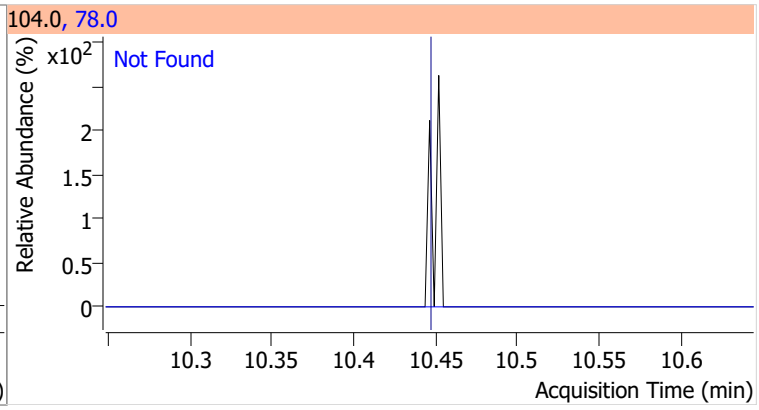
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



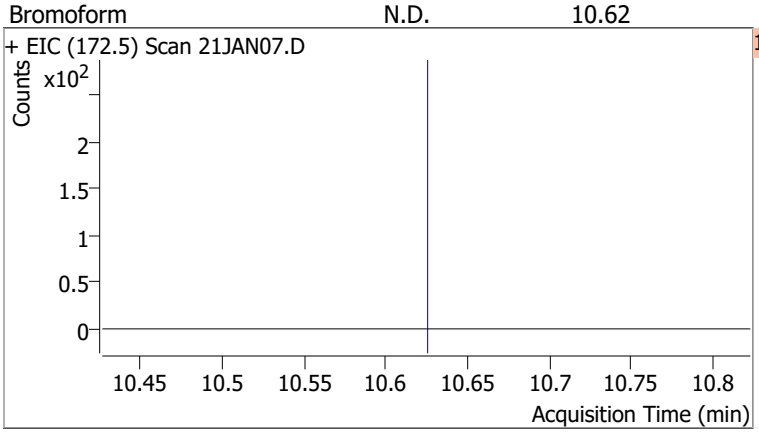


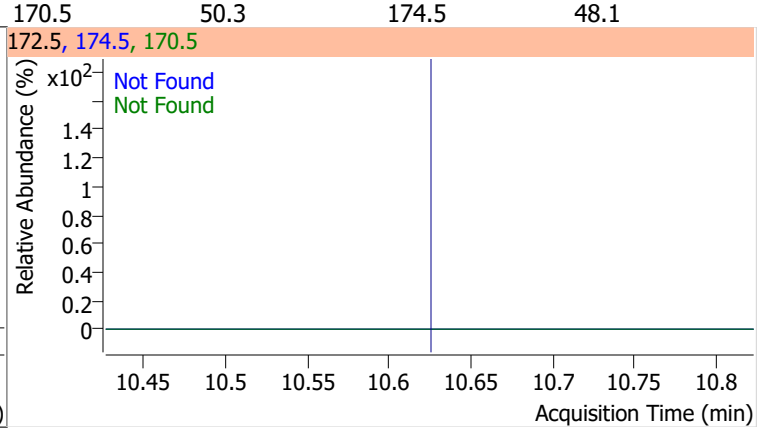
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



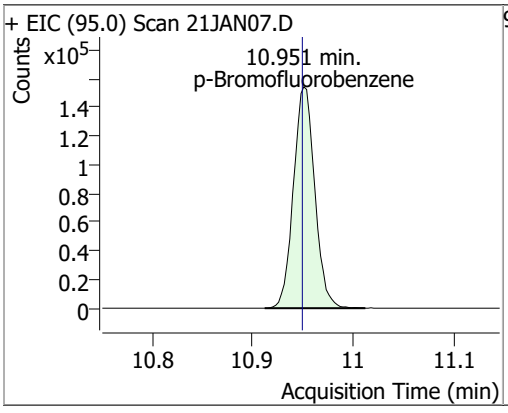


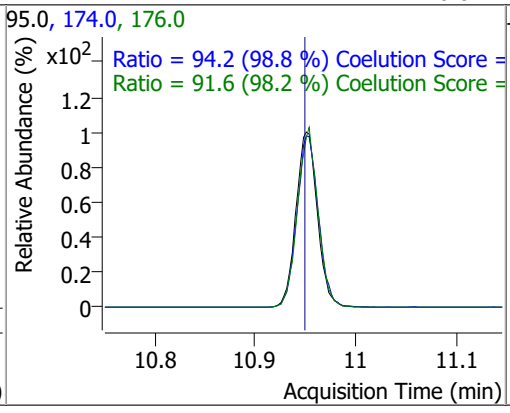
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

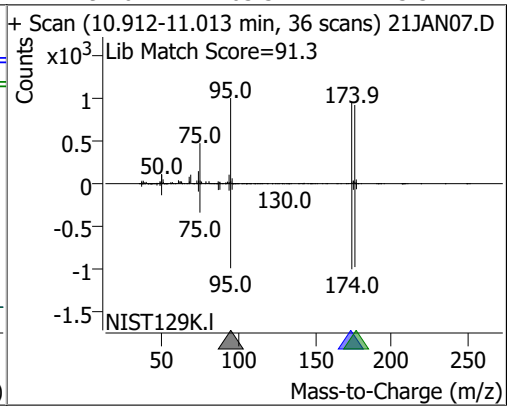




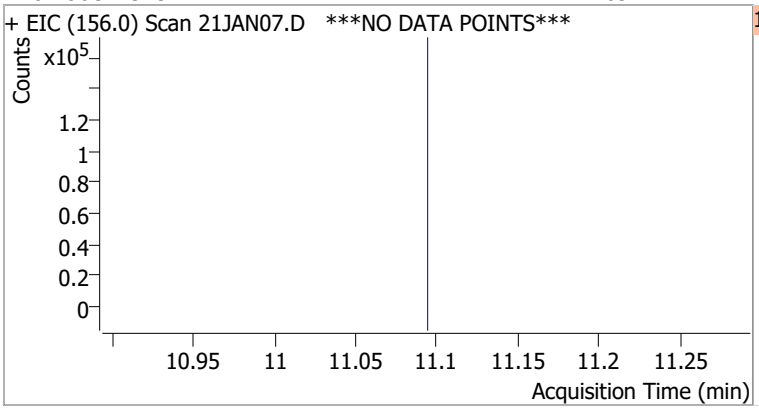
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	277.4831	10.95	0.00	227524	174.0	94.2	65.3	125.3
					176.0	91.6	63.3	123.3

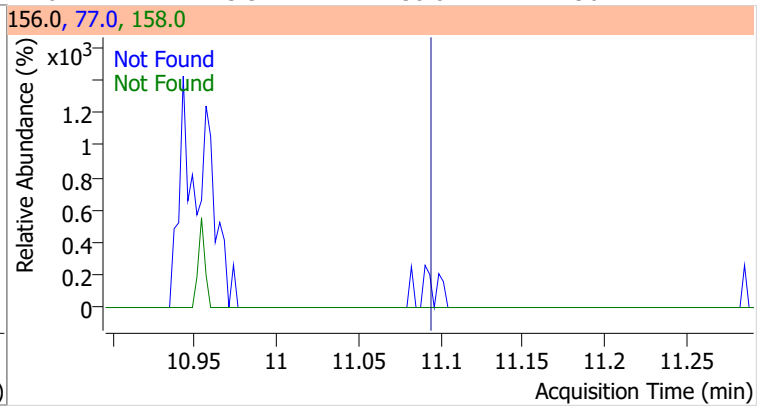




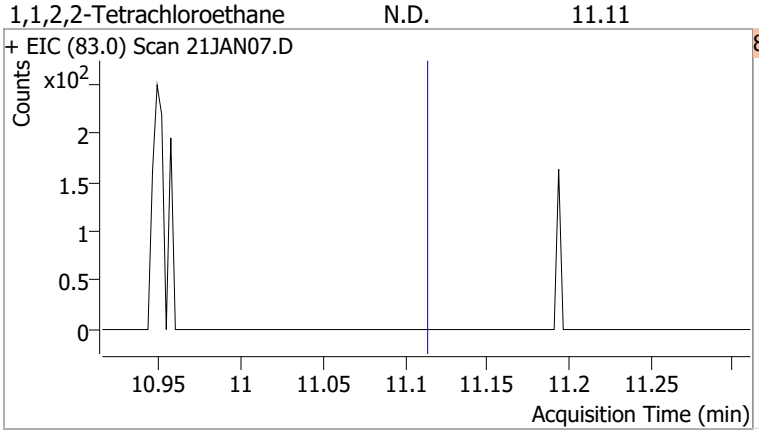


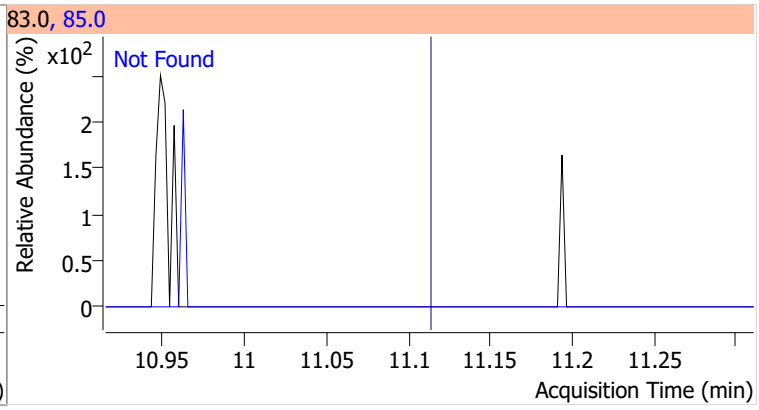
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



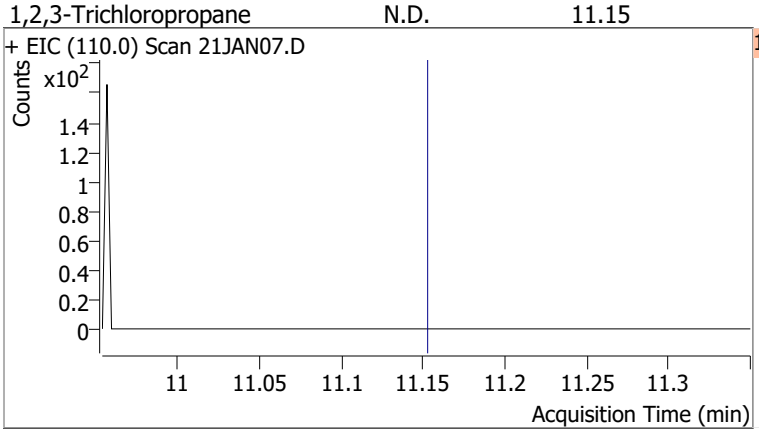


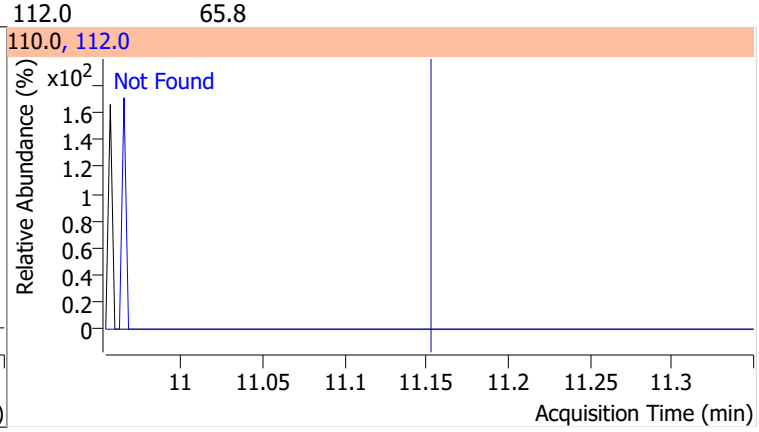
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



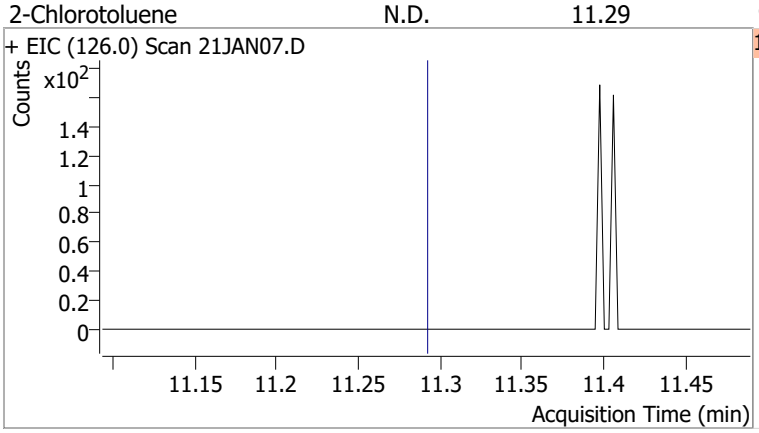


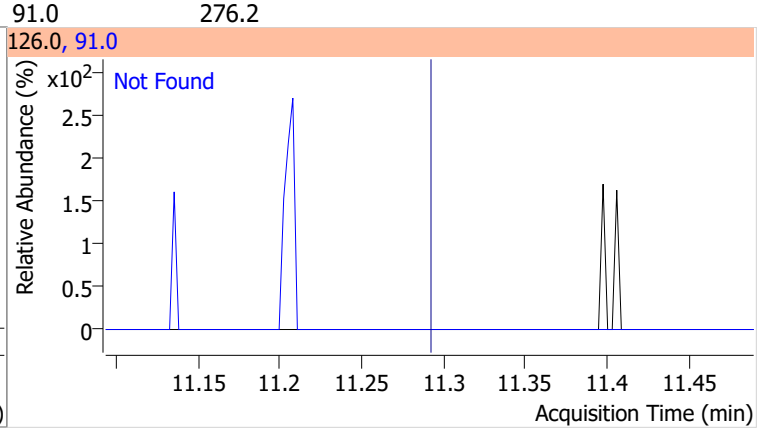
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



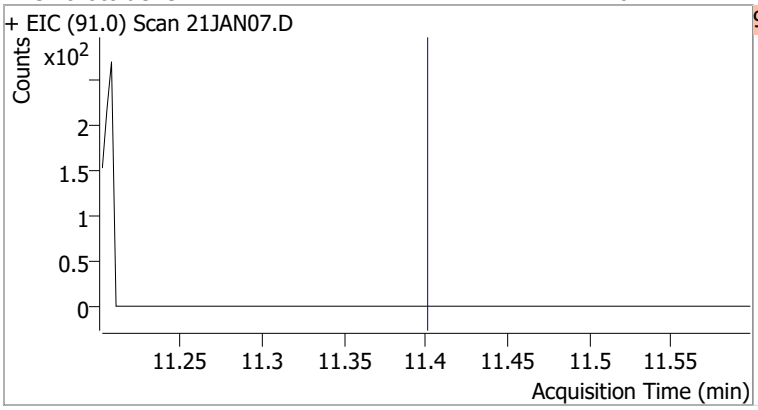


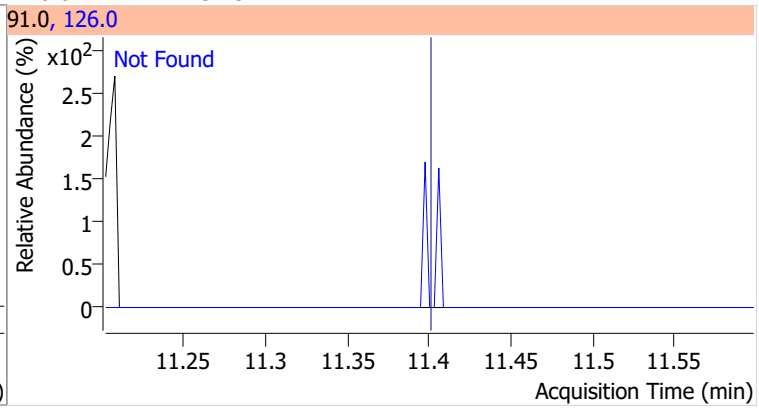
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



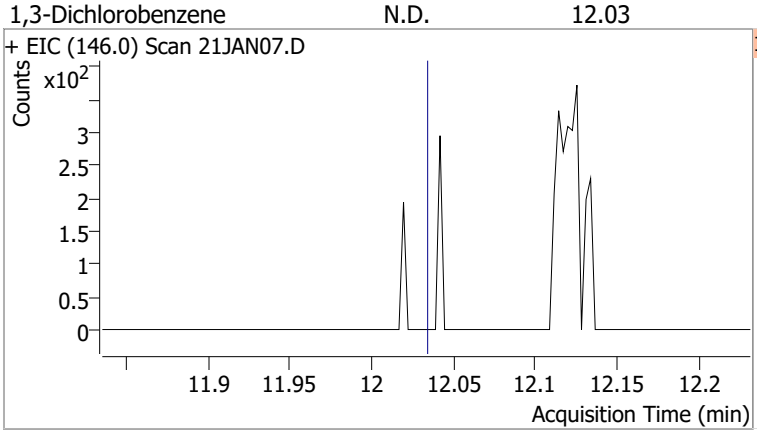


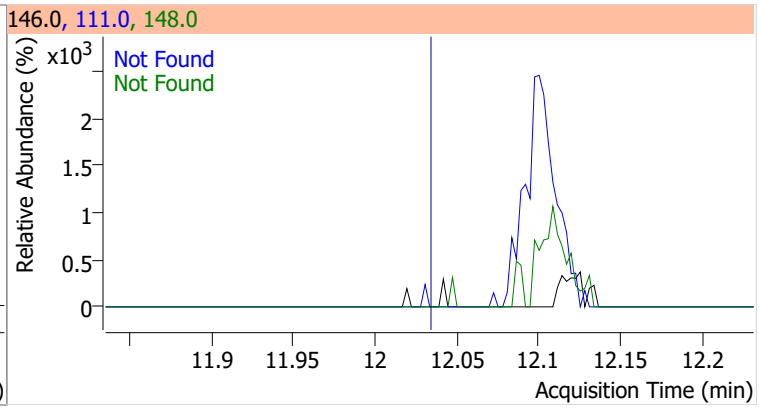
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



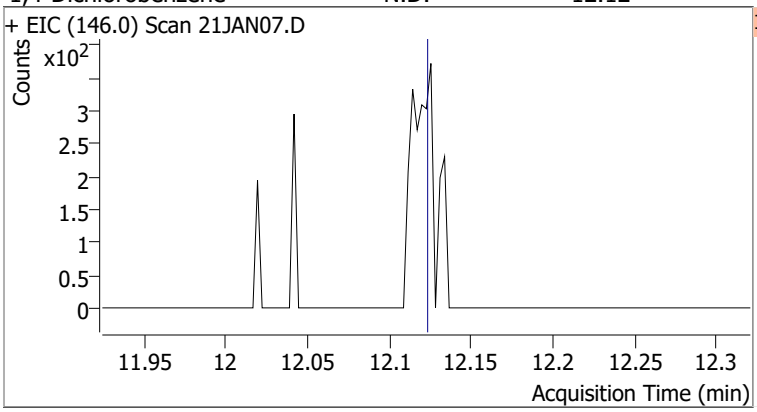


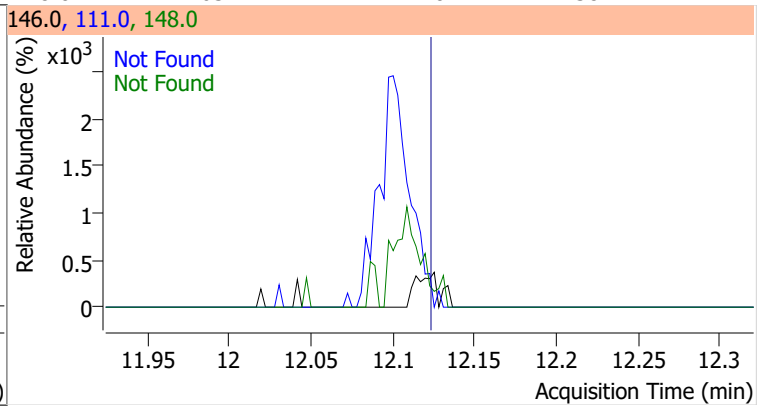
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



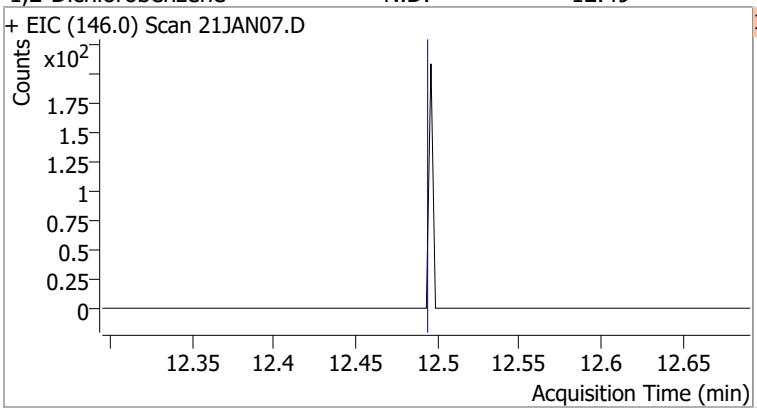


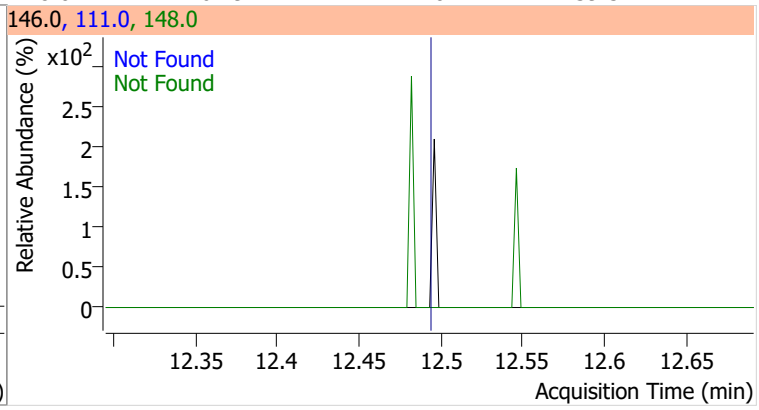
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





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

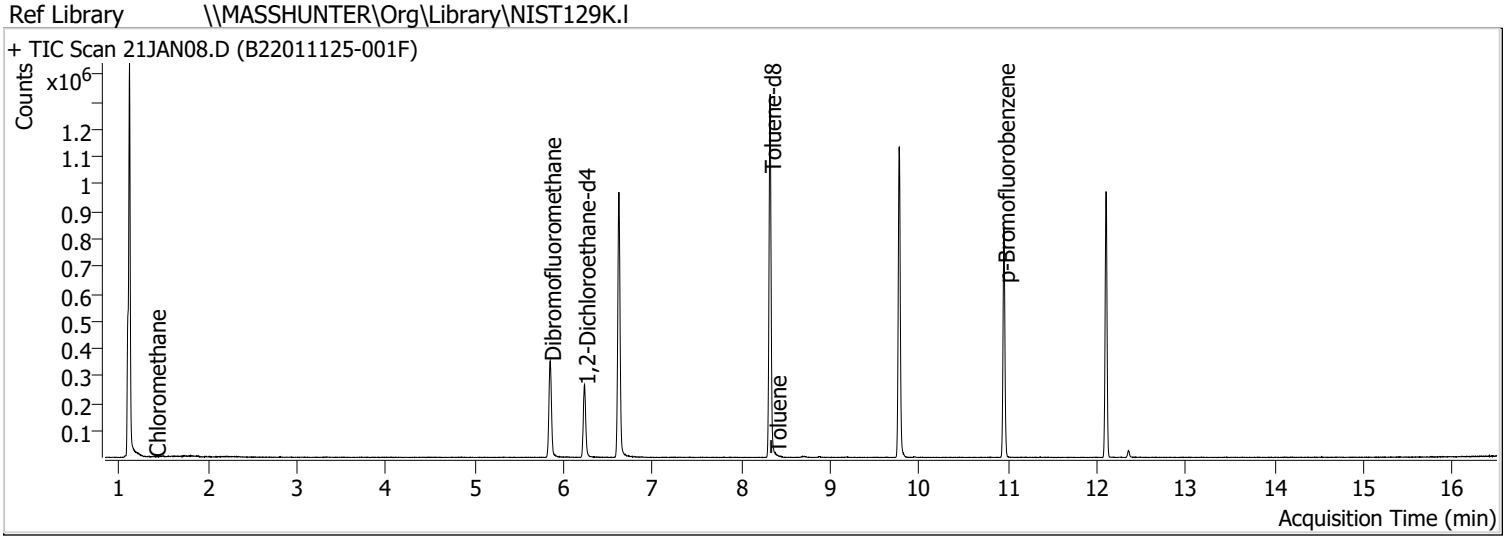




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	21JAN08.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 12:58:48 PM
Sample Name	B22011125-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

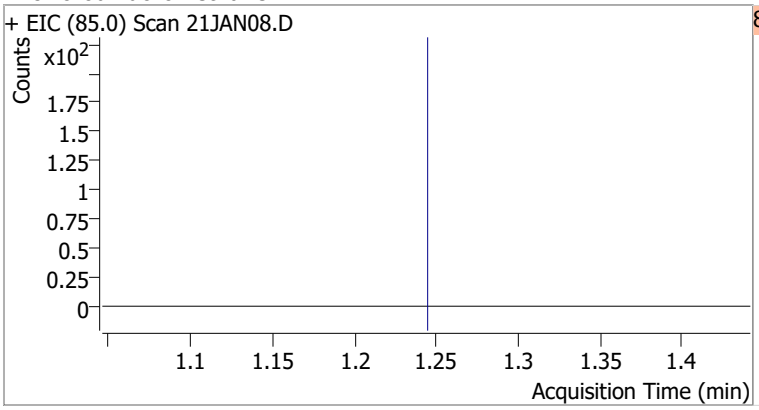


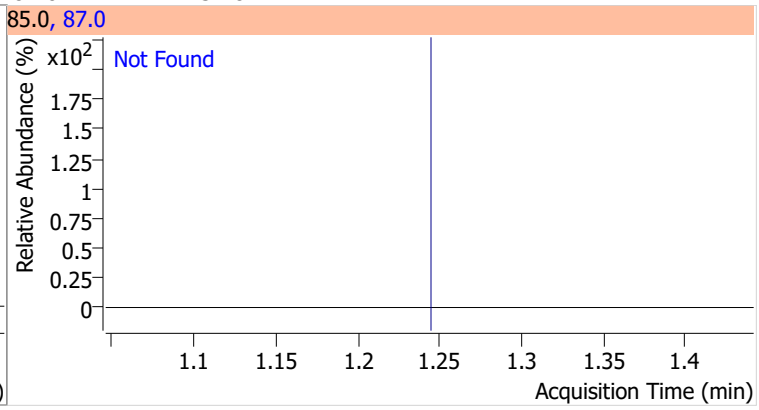
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	814690	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	314022	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	237069	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	212167	268.8741	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.55%			
S 1,2-Dichloroethane-d4	6.233	67.0	94309	276.6731	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 110.67%			
S Toluene-d8	8.322	98.0	807196	263.4807	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.39%			
S p-Bromofluorobenzene	10.951	95.0	231669	264.6696	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.87%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.400	50.0	541	0.4196	ng	m	75
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	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	8.383	92.0	849	0.4158	ng	m	98
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.			

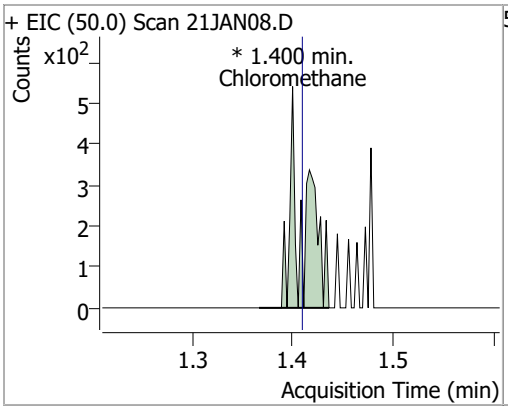
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

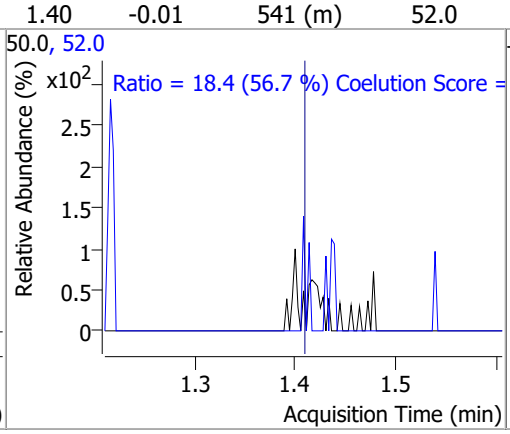
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

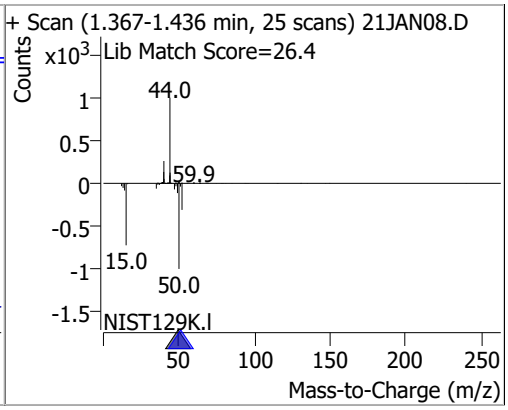




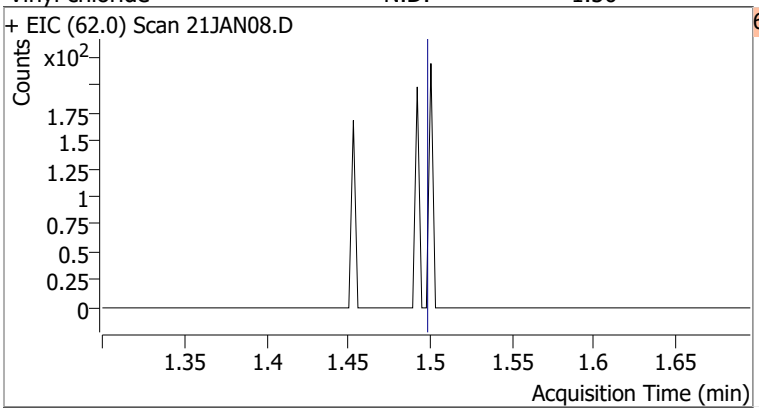
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.4196	1.40	-0.01	541 (m)	52.0	18.4	2.4	62.4

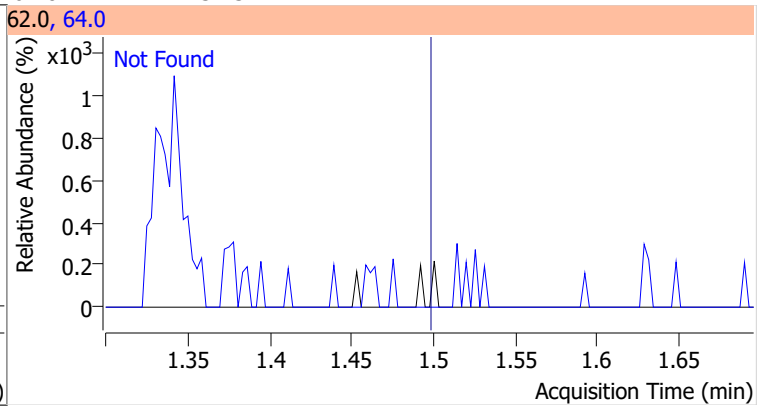




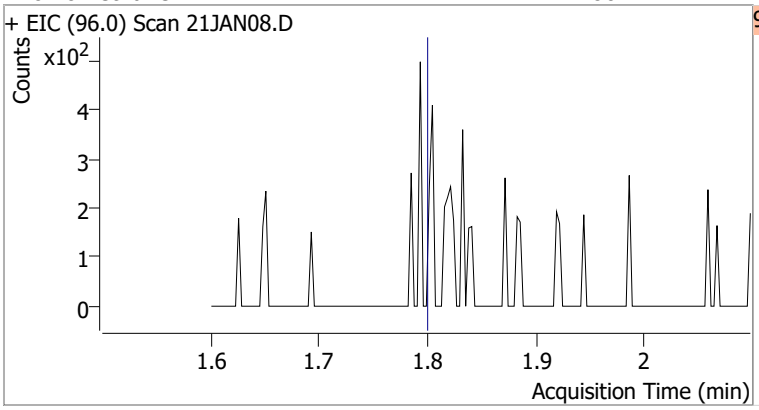


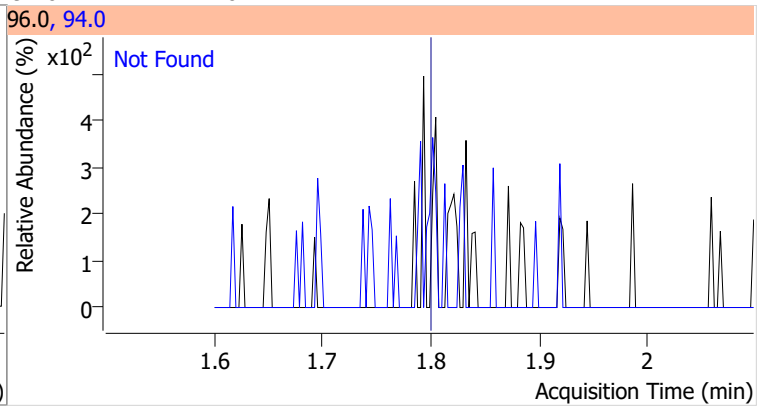
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



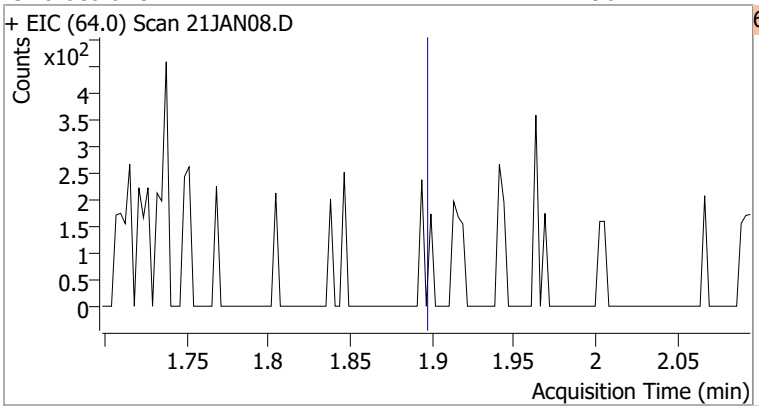


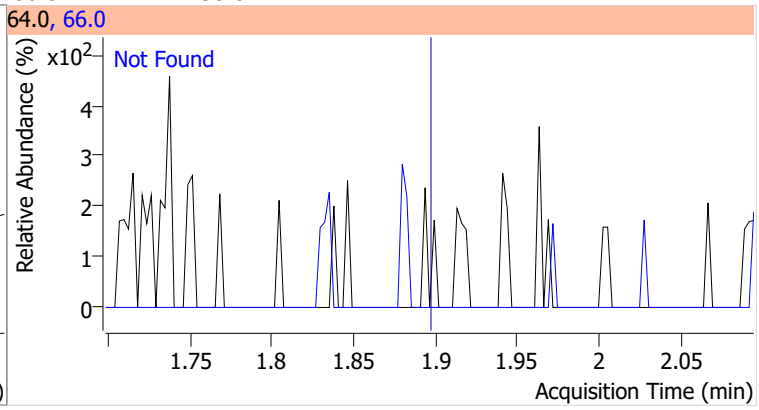
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



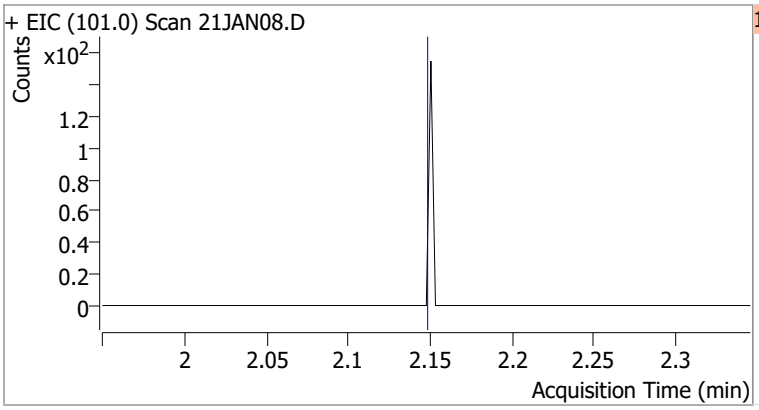


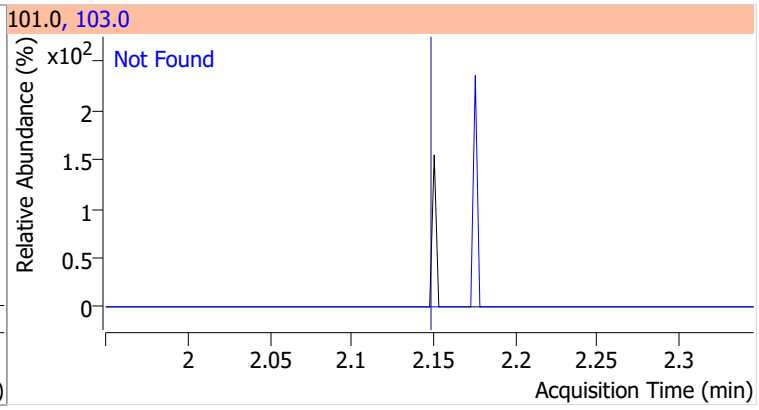
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



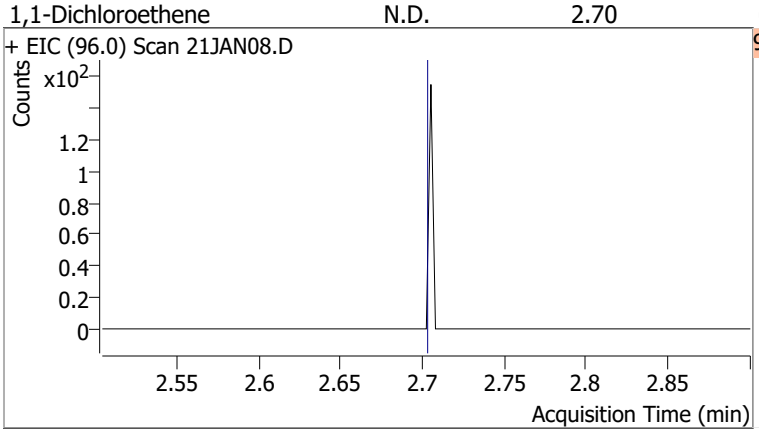


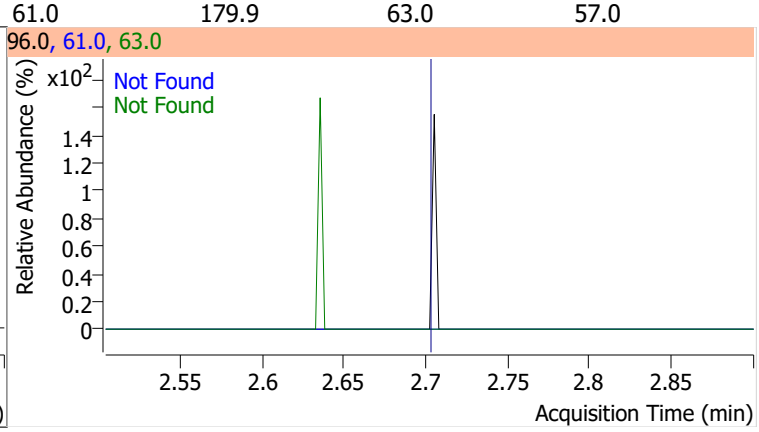
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



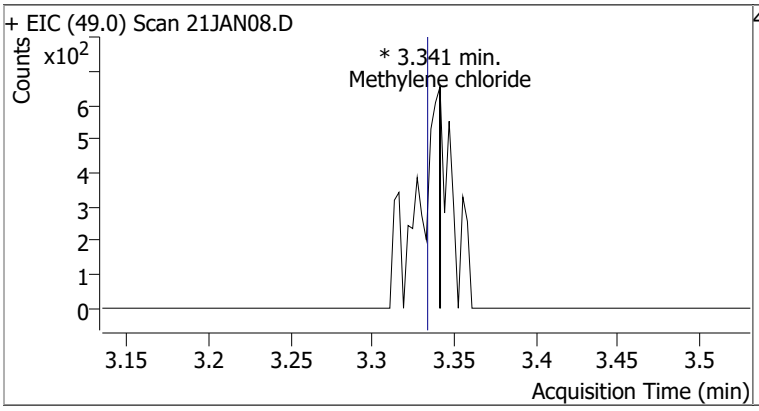


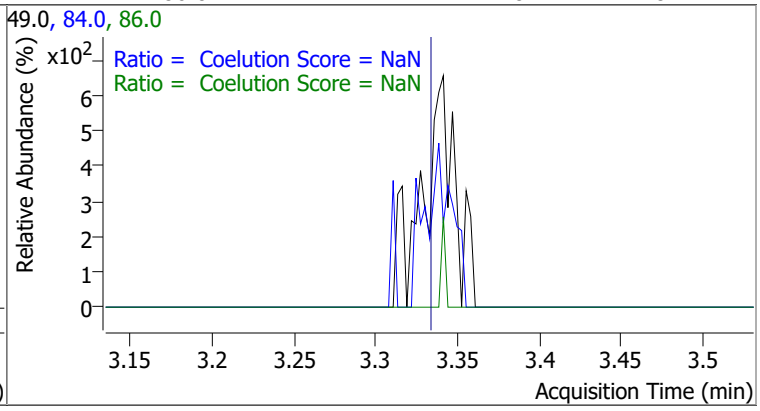
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0



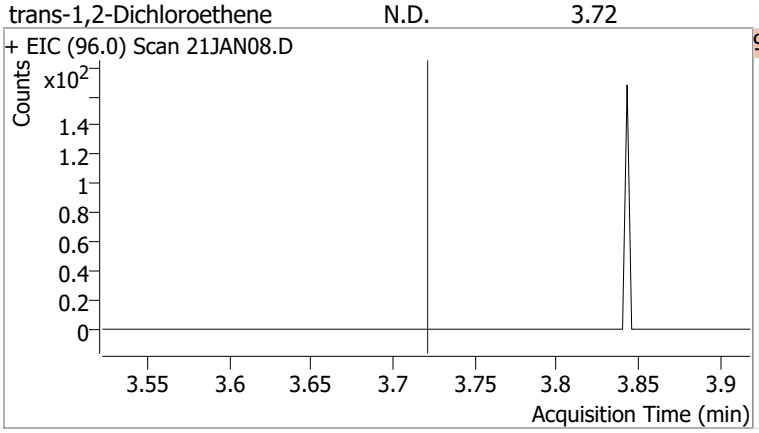


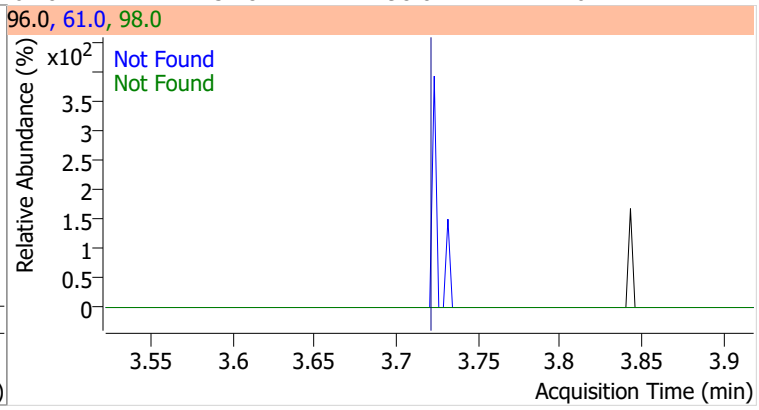
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride		0		0	84.0		36.1	96.1
					86.0		11.8	71.8



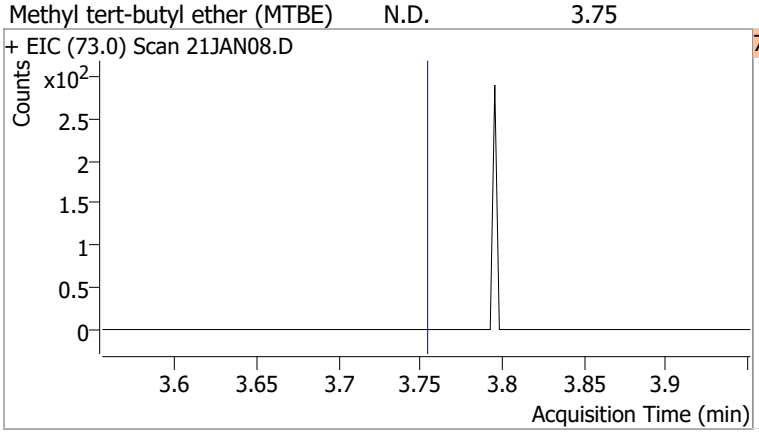


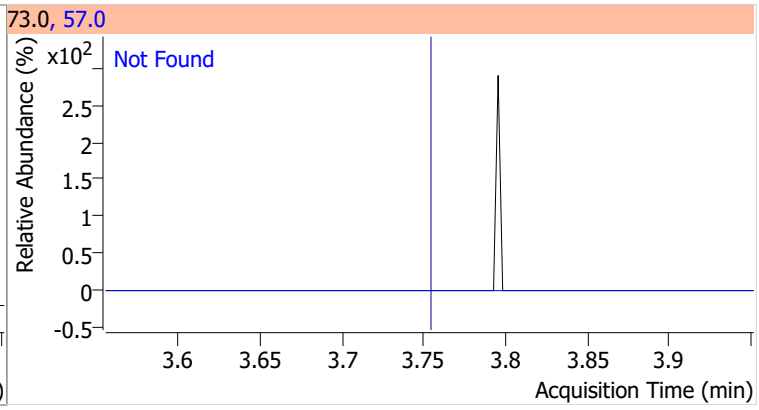
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



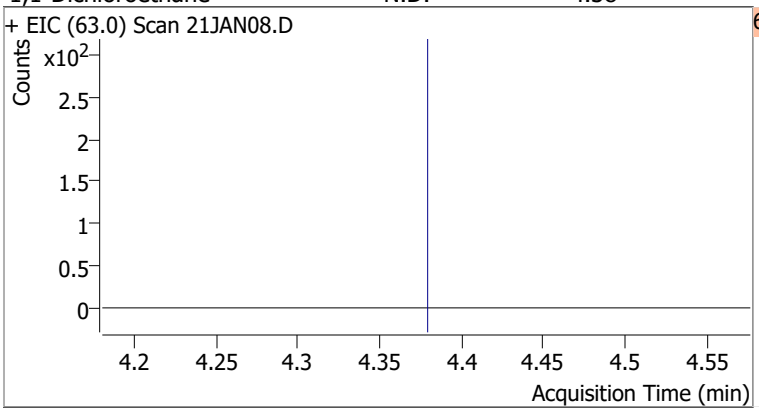


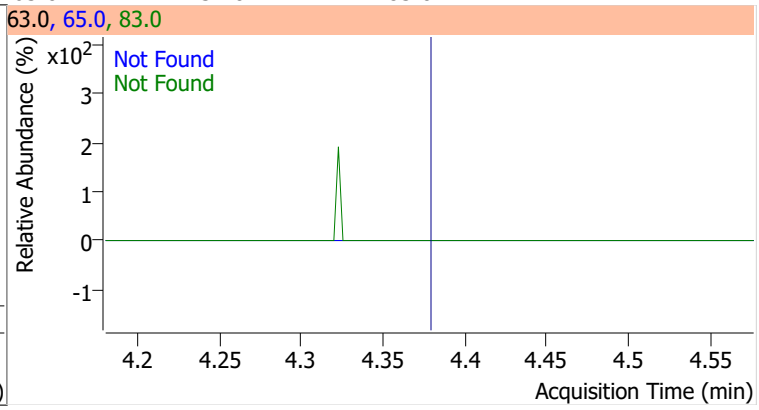
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



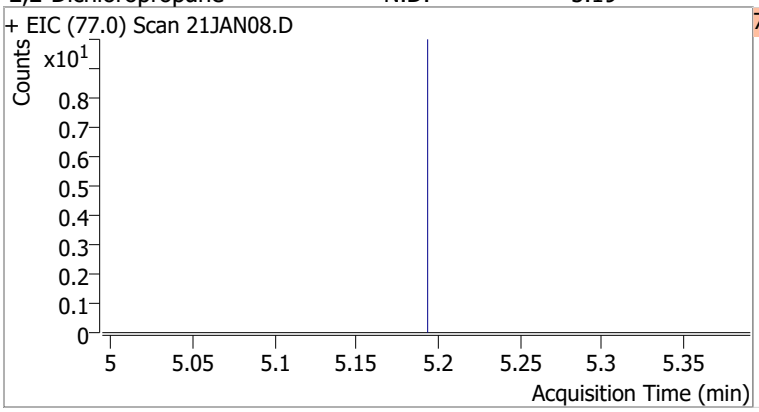


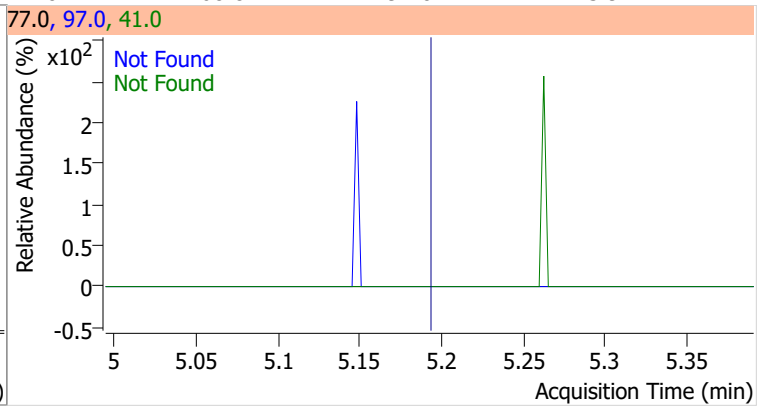
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



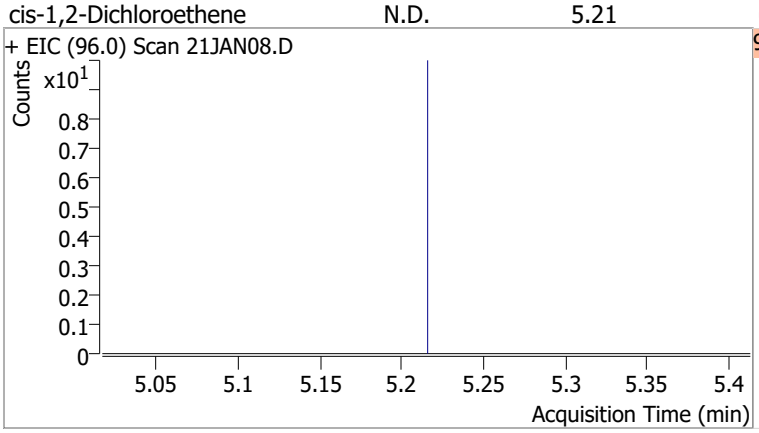


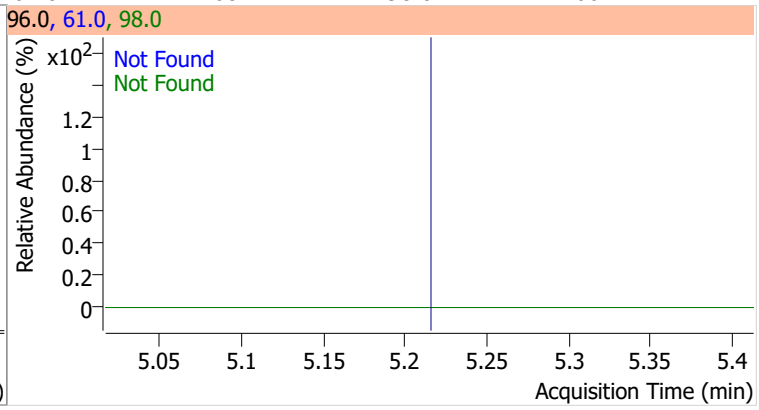
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



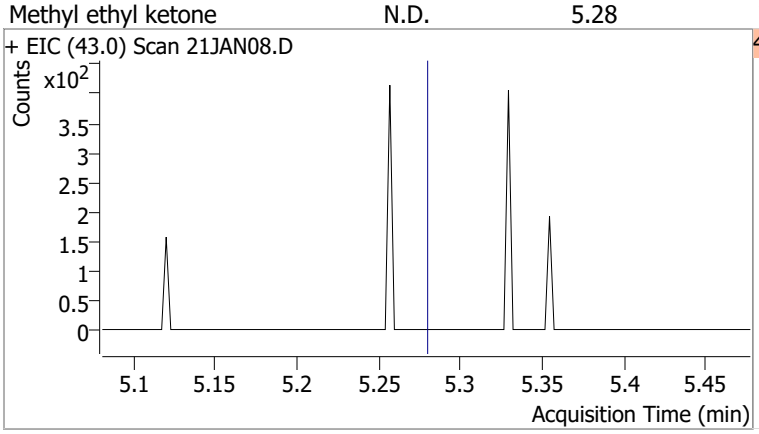


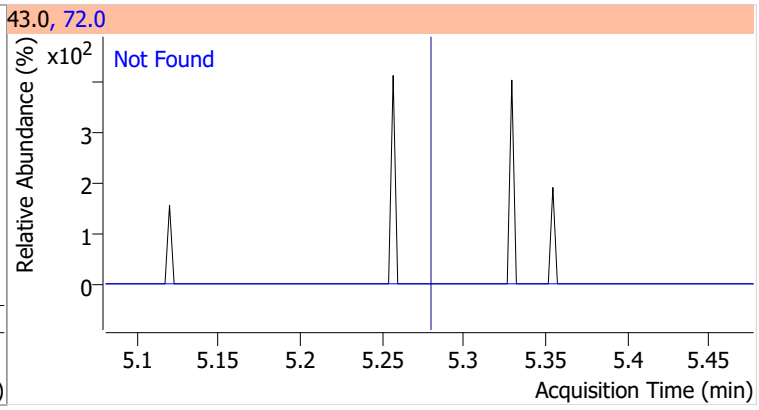
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



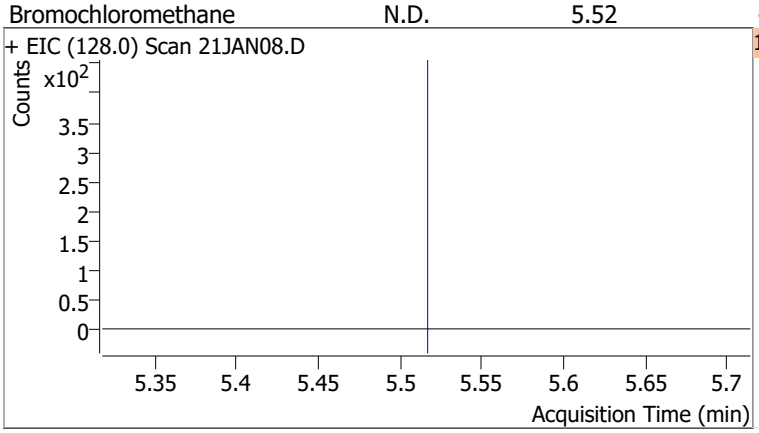


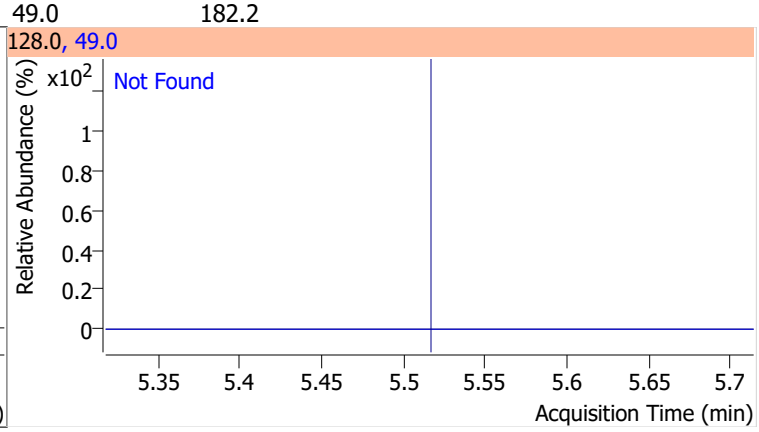
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



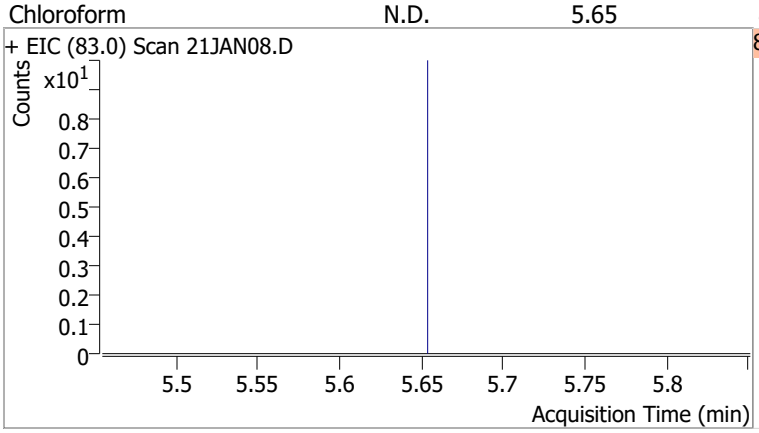


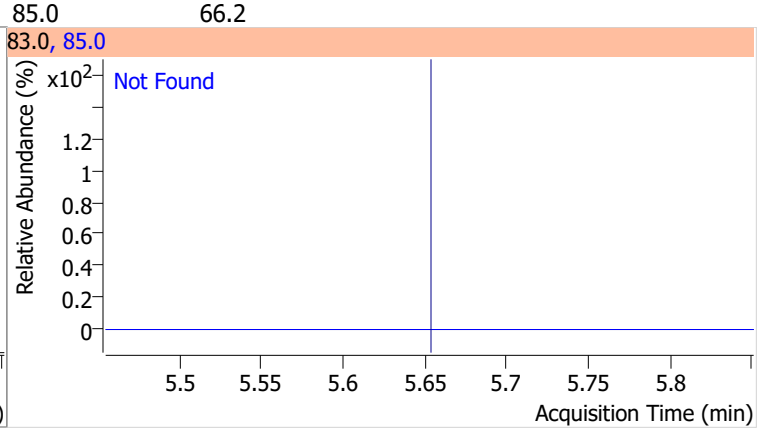
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



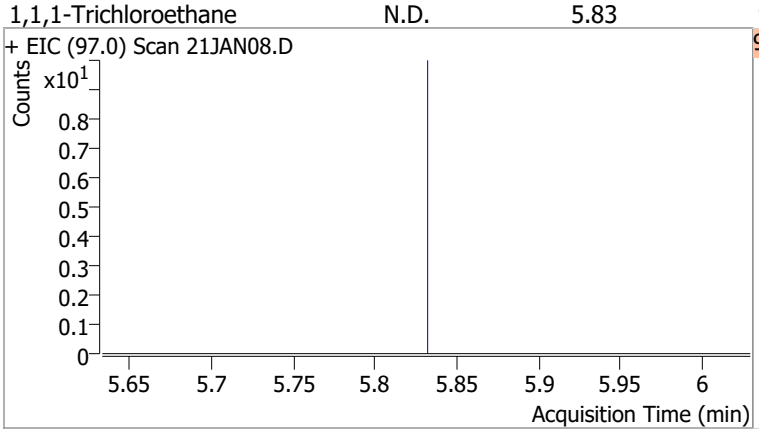


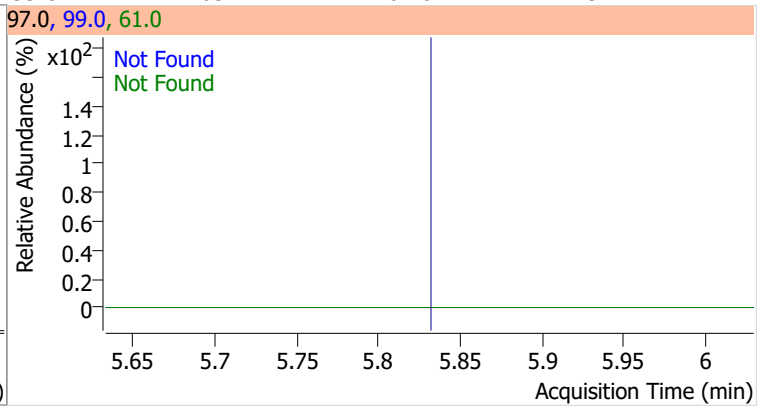
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



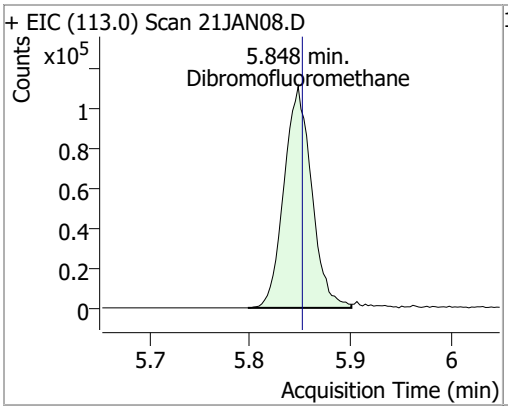


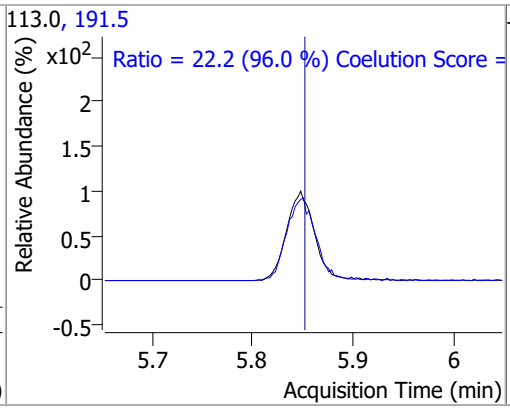
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

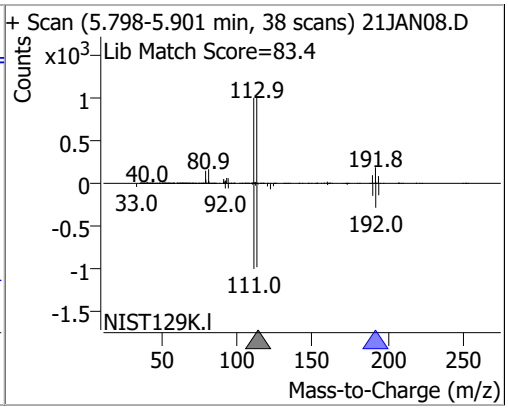




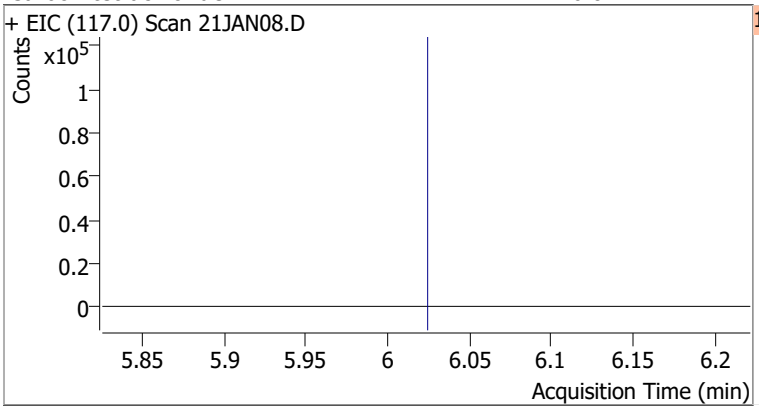
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	268.8741	5.85	0.00	212167	191.5	22.2	0.0	53.2

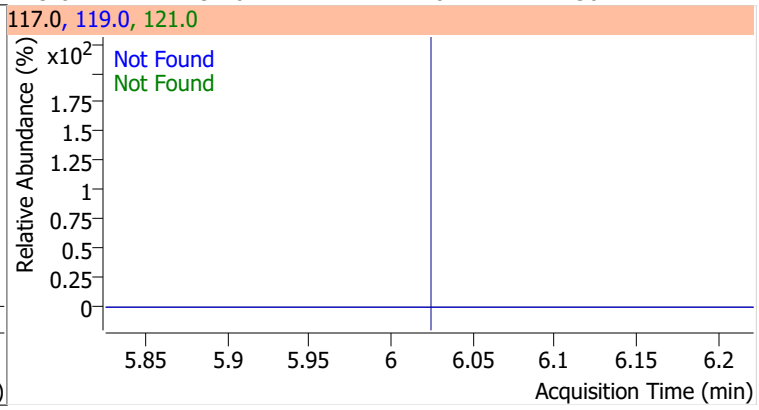




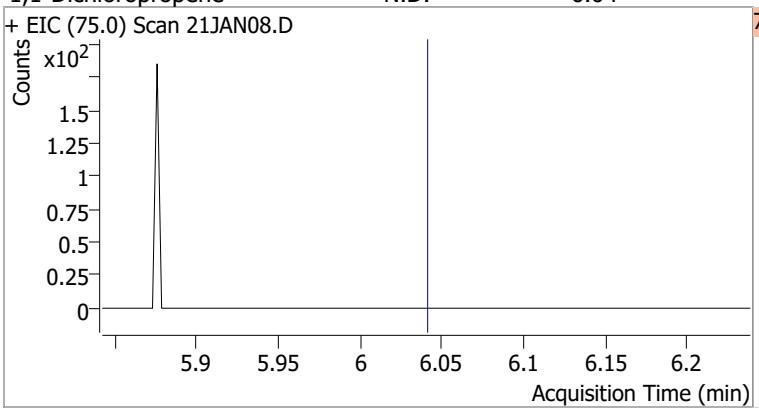


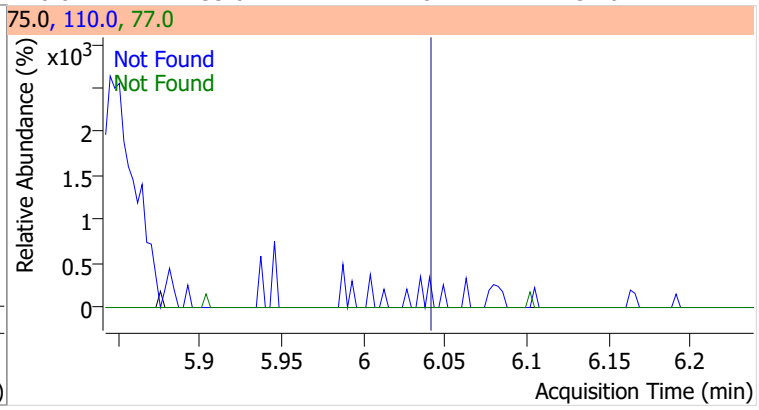
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



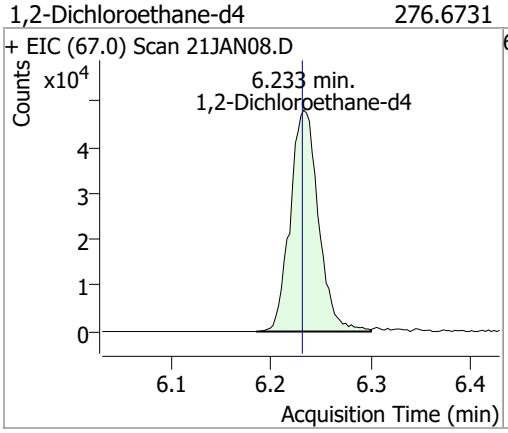


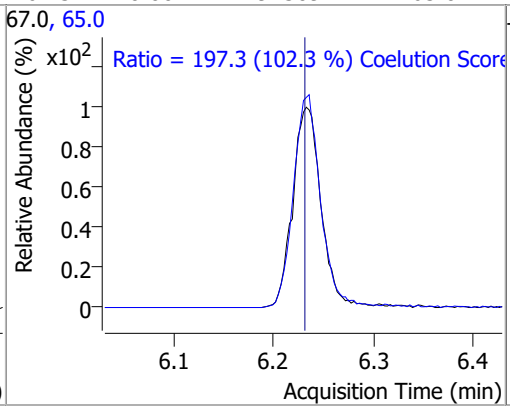
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

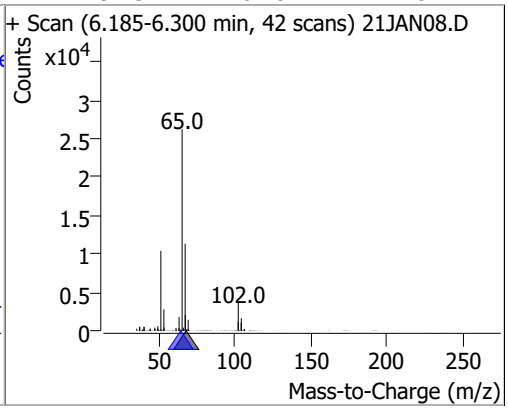




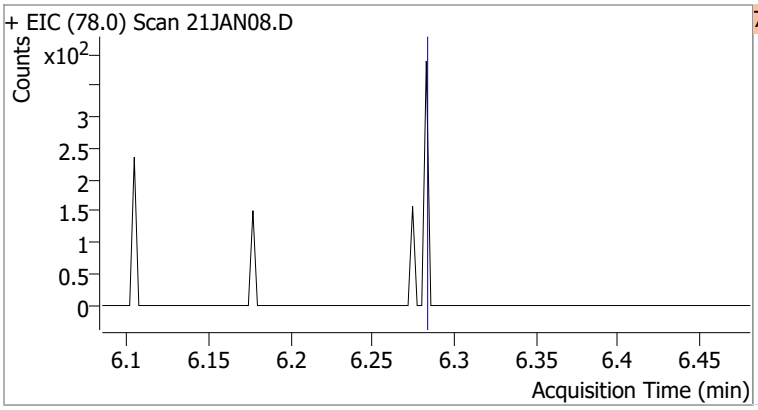
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	276.6731	6.23	0.00	94309	65.0	197.3	162.8	222.8

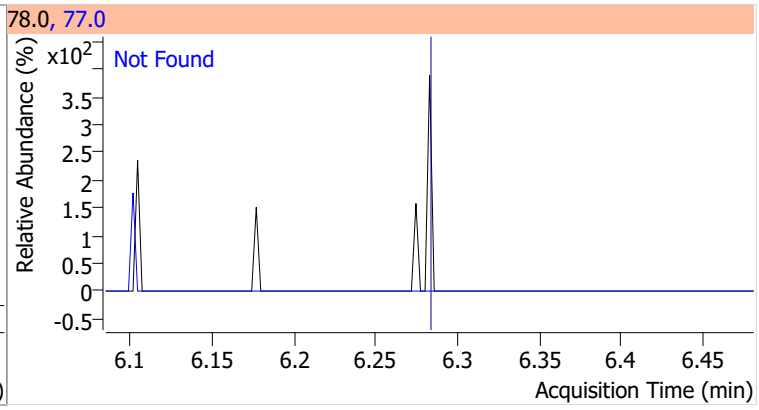




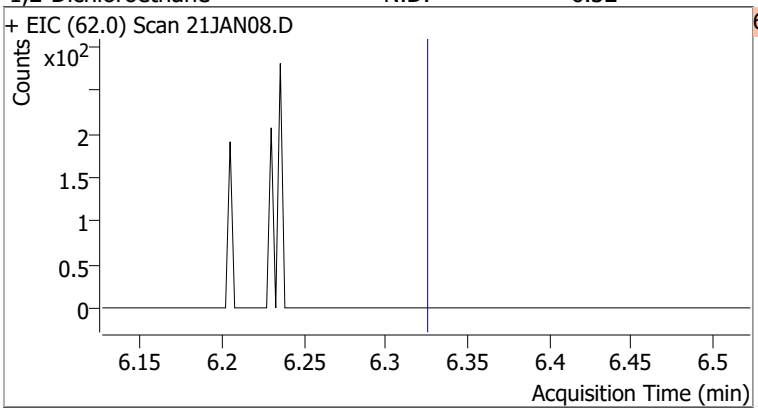


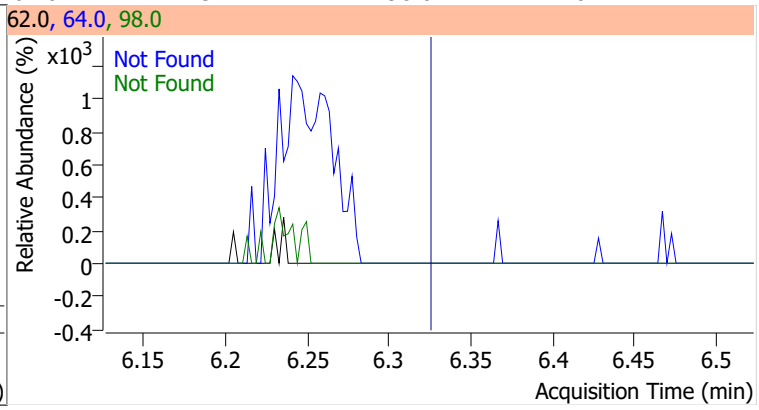
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



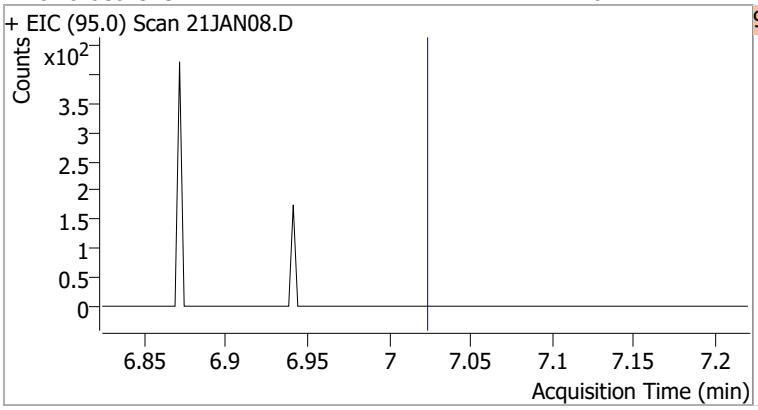


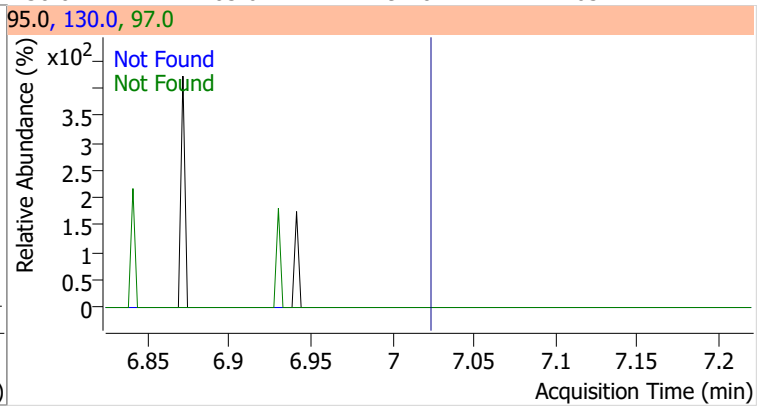
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



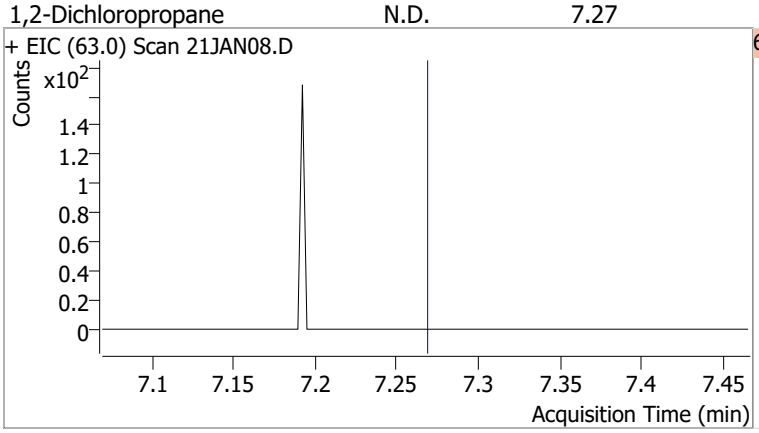


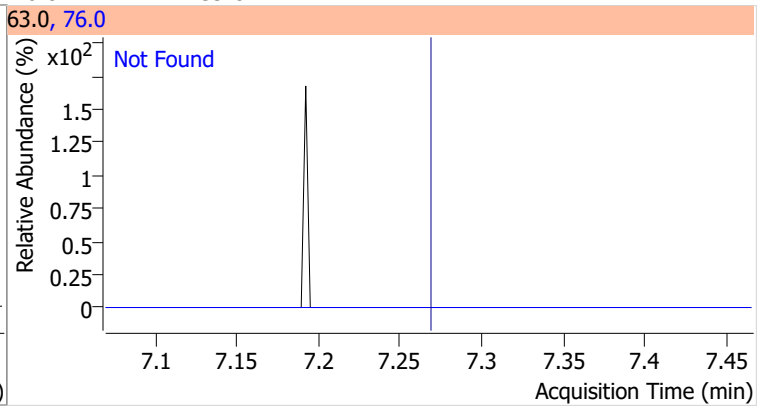
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



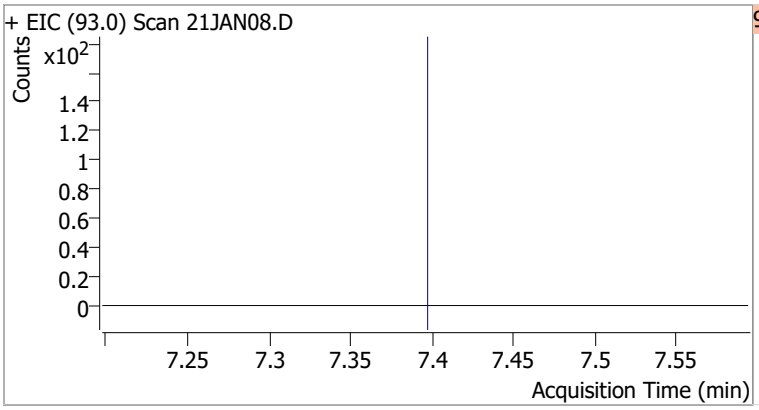


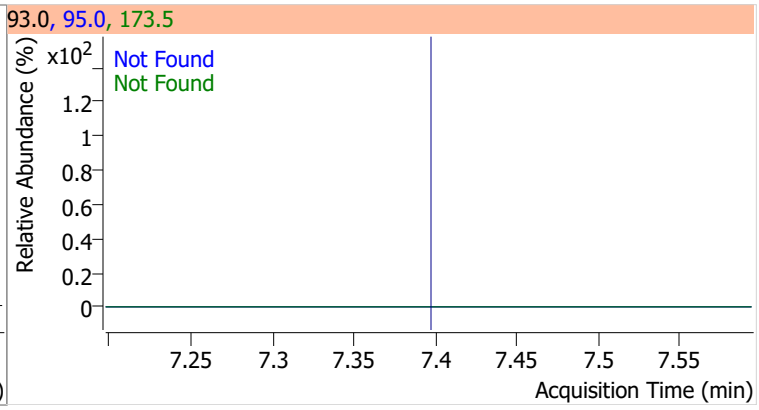
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



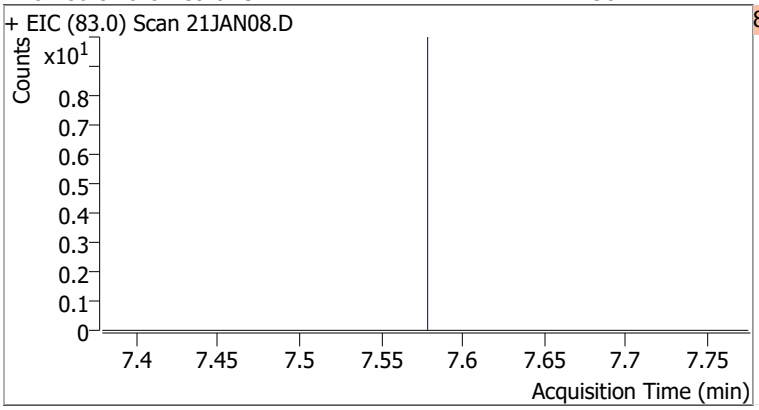


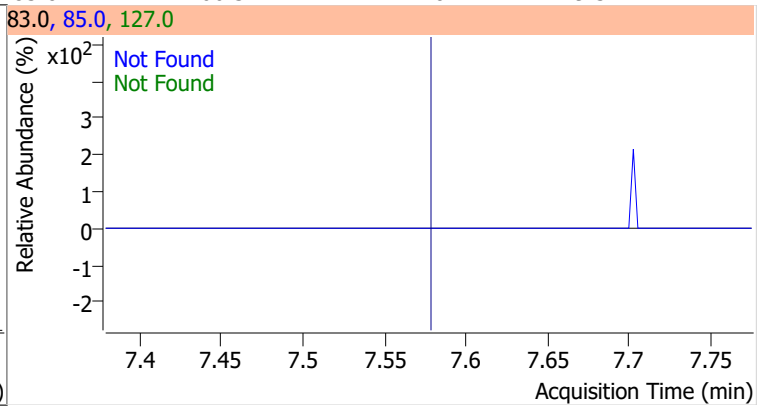
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



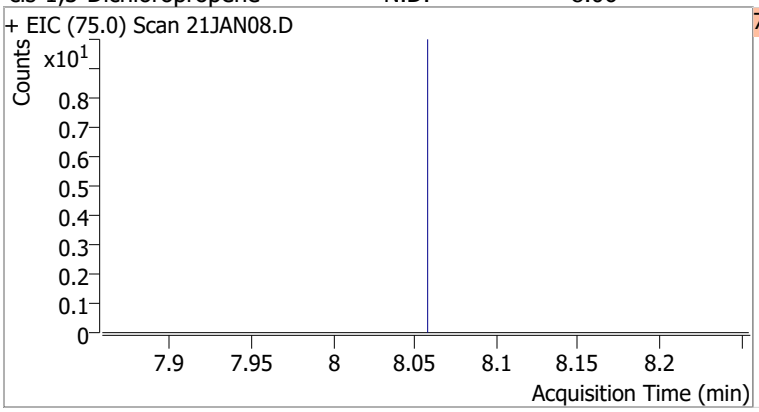


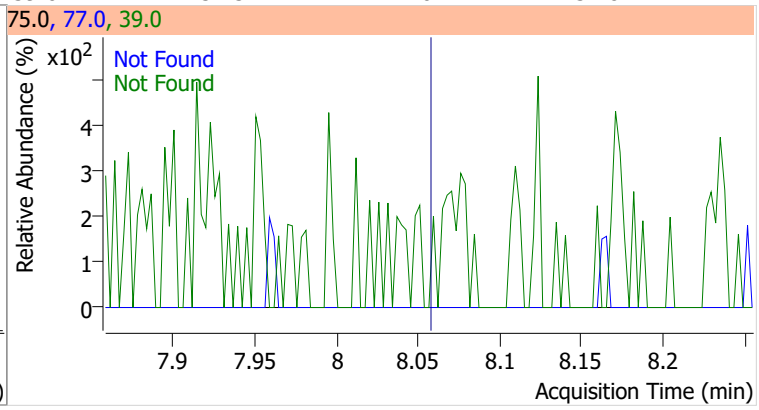
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



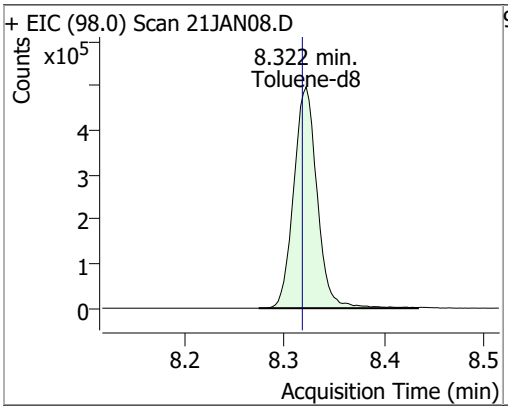


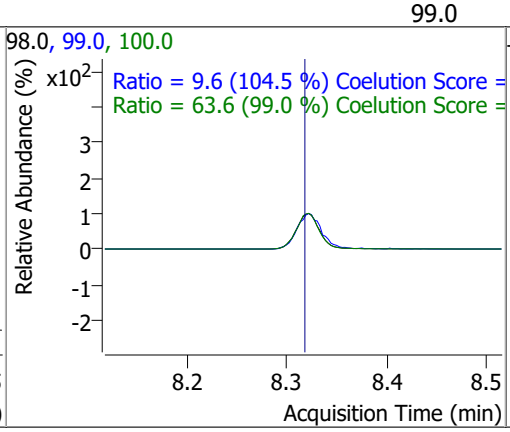
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

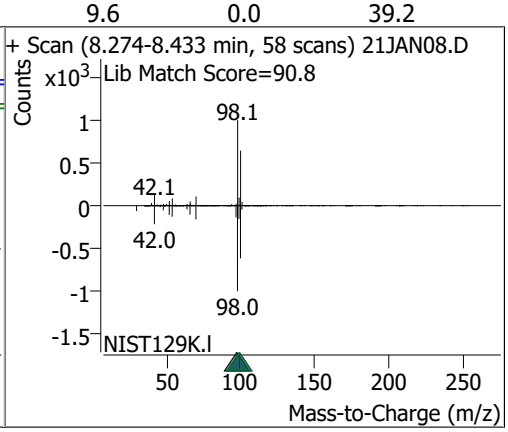




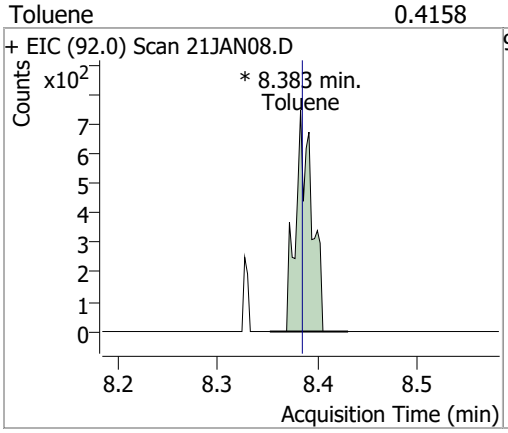
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	263.4807	8.32	0.00	807196	100.0	63.6	34.3	94.3
					99.0	9.6	0.0	39.2

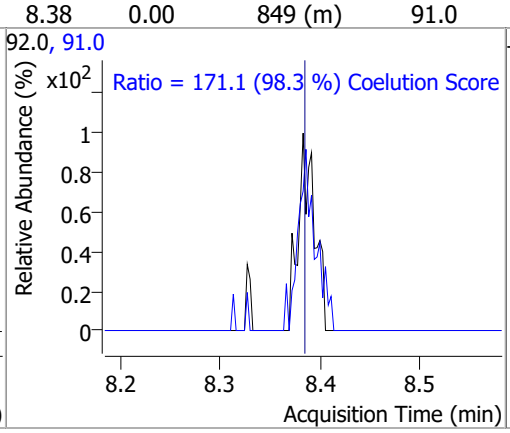


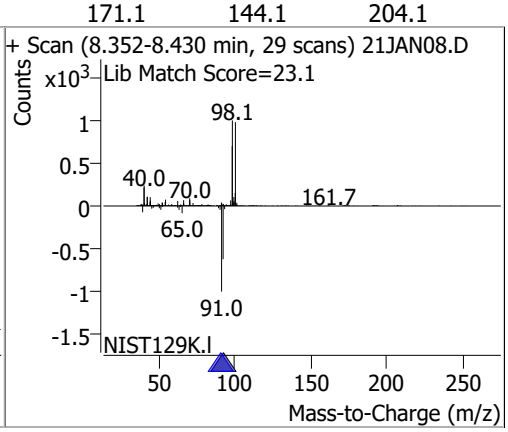




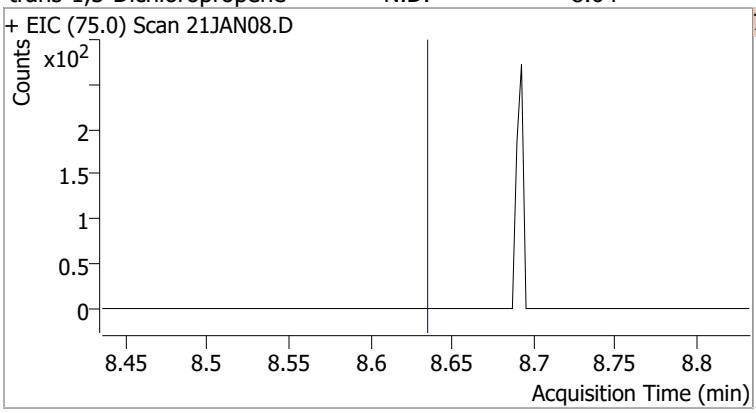
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.4158	8.38	0.00	849 (m)	91.0	171.1	144.1	204.1

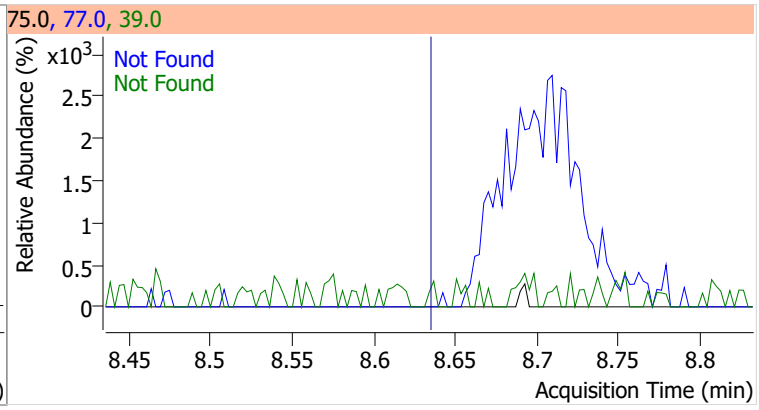




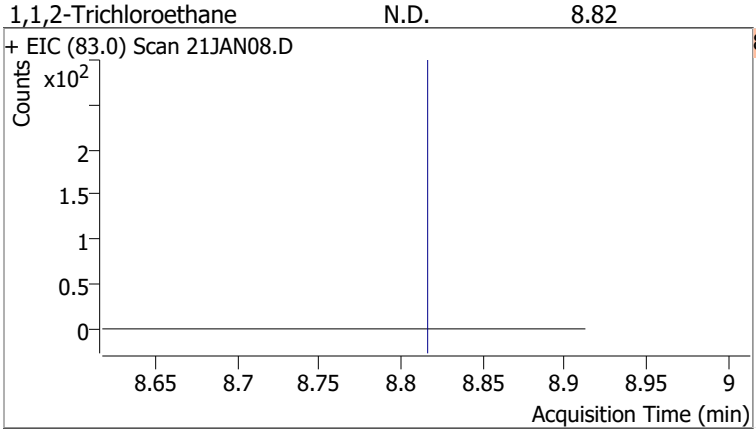


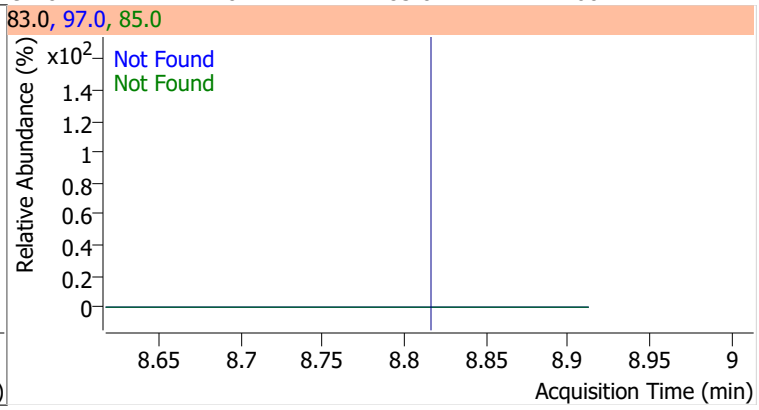
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



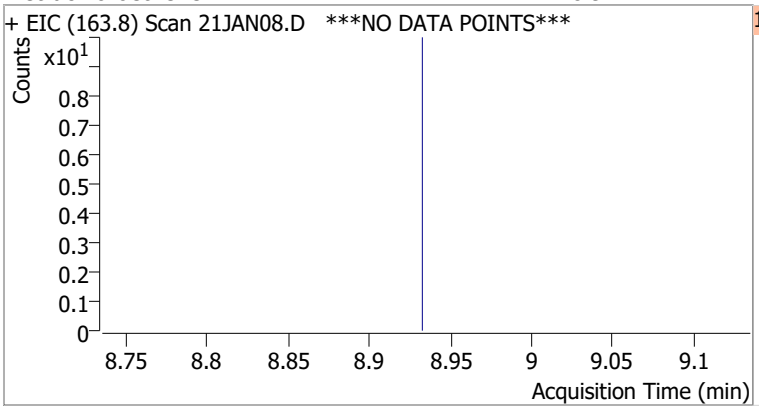


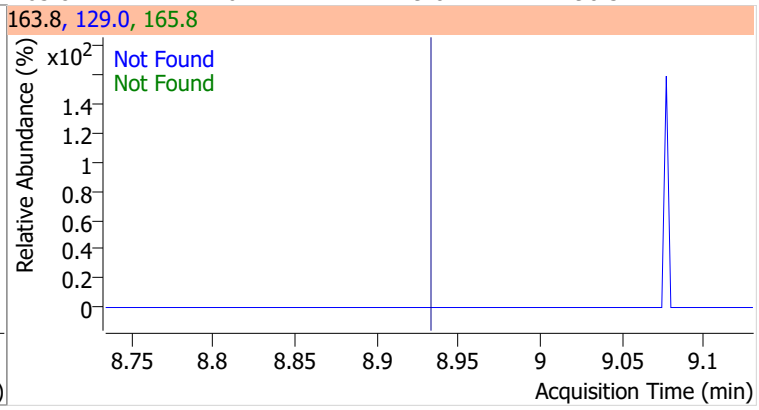
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



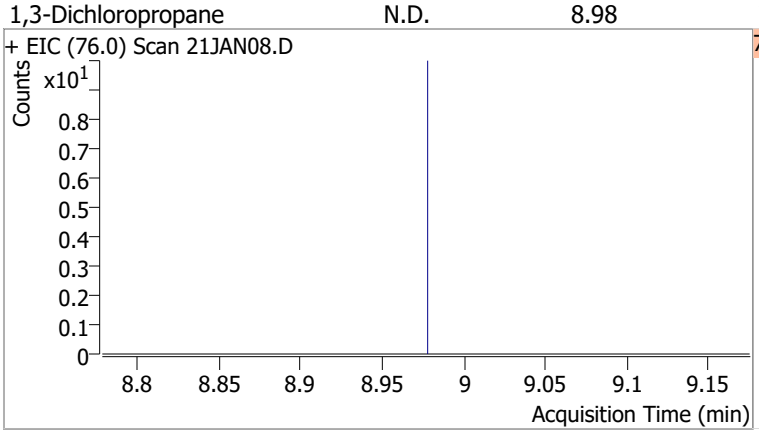


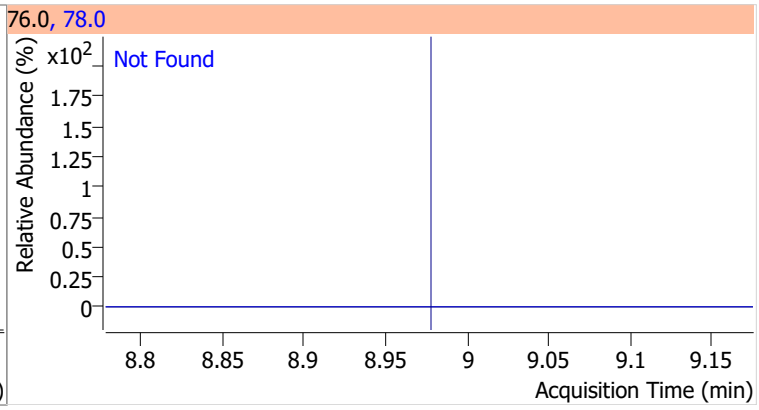
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



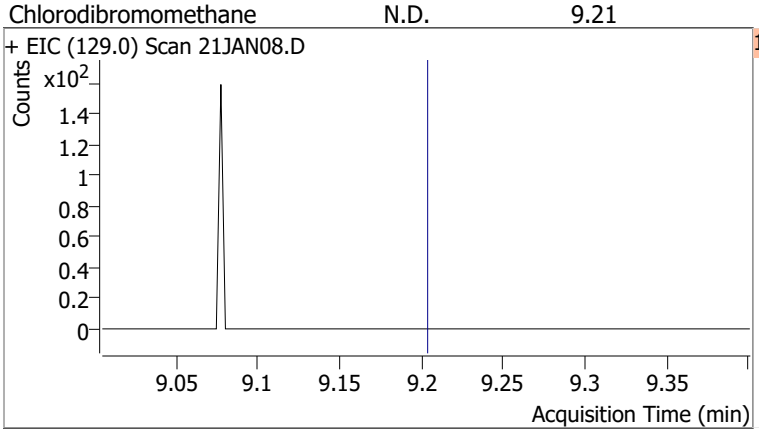


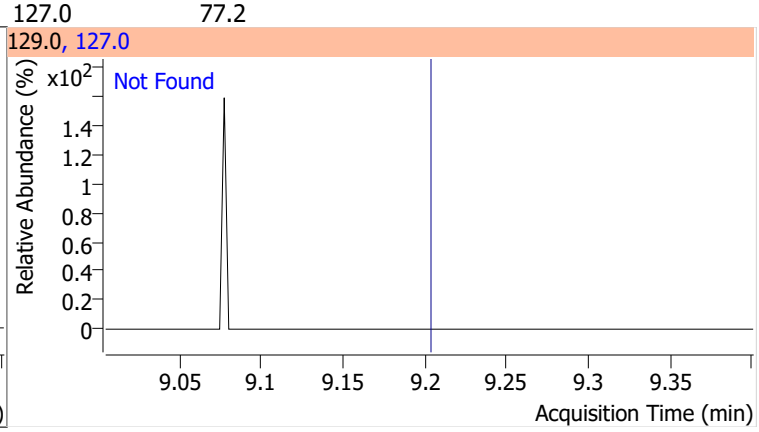
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



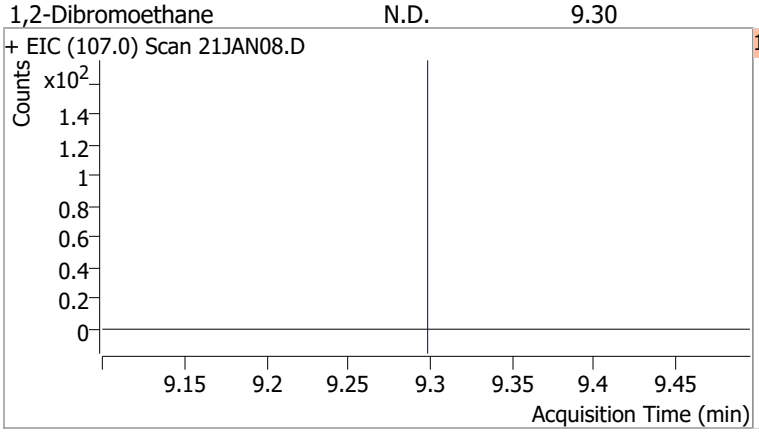


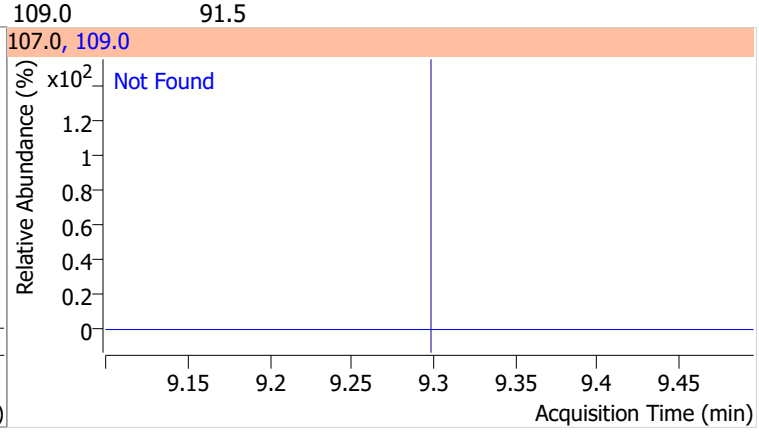
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



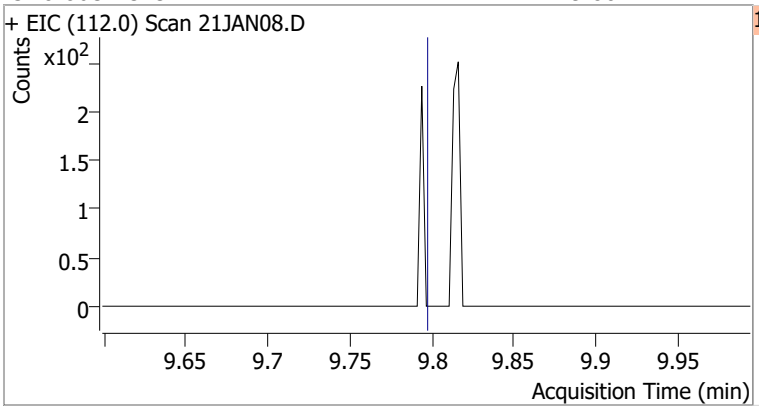


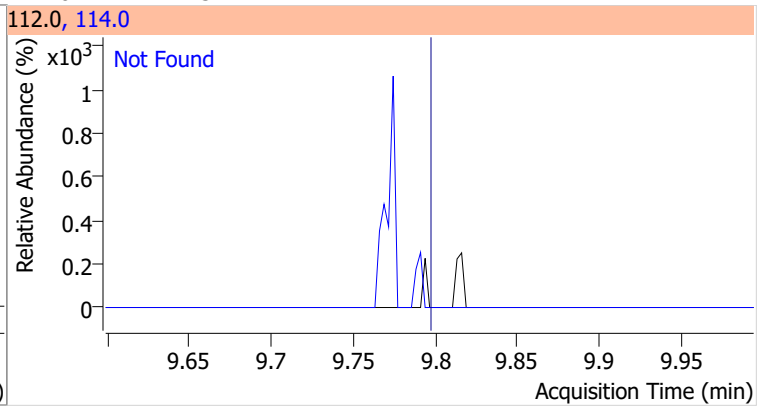
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



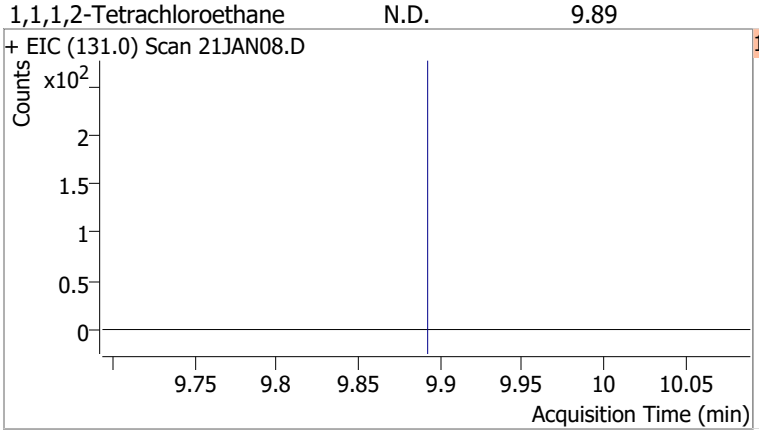


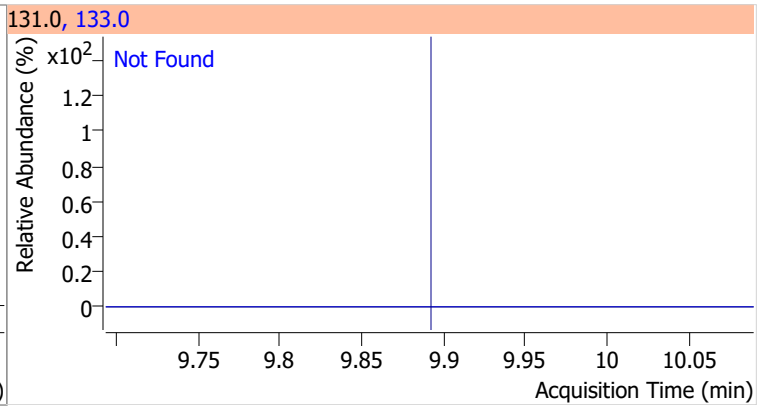
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



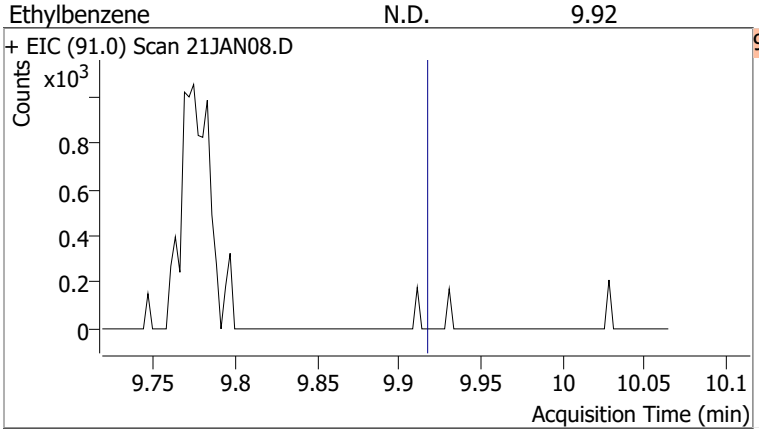


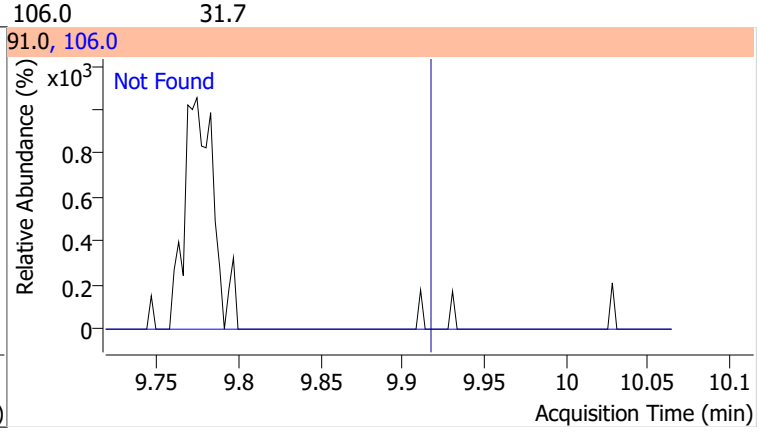
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



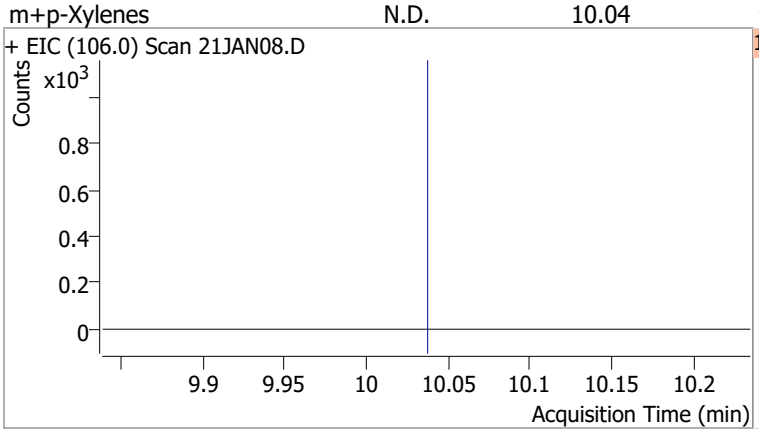


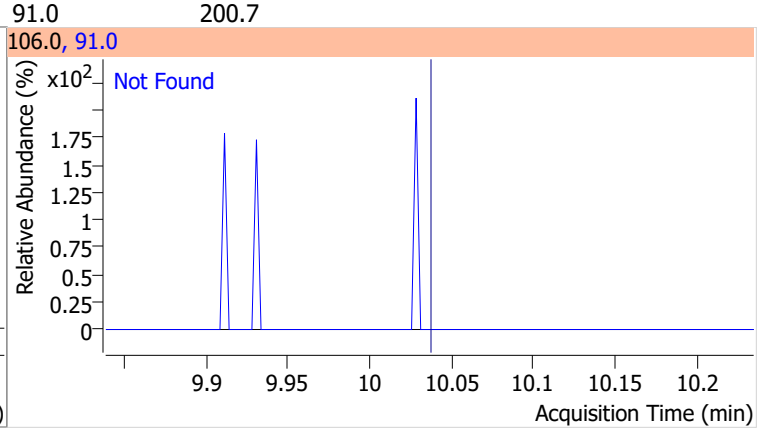
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



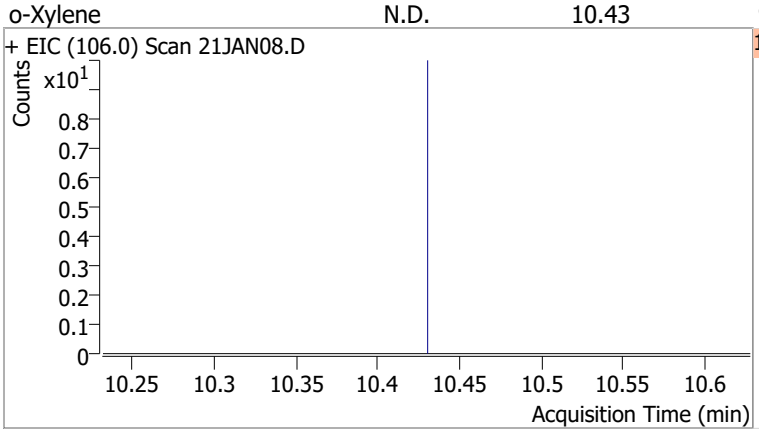


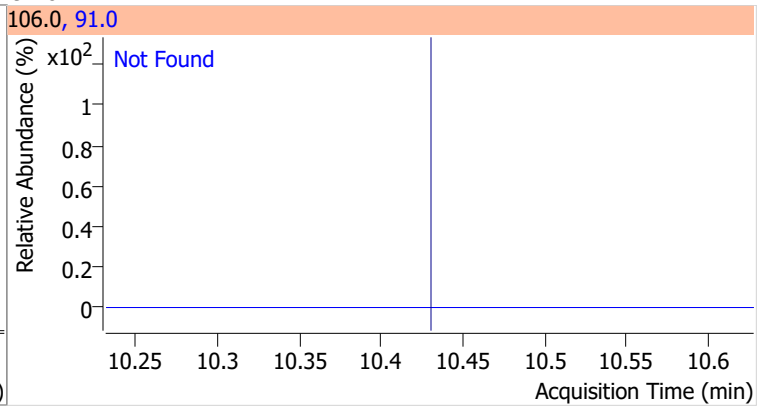
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



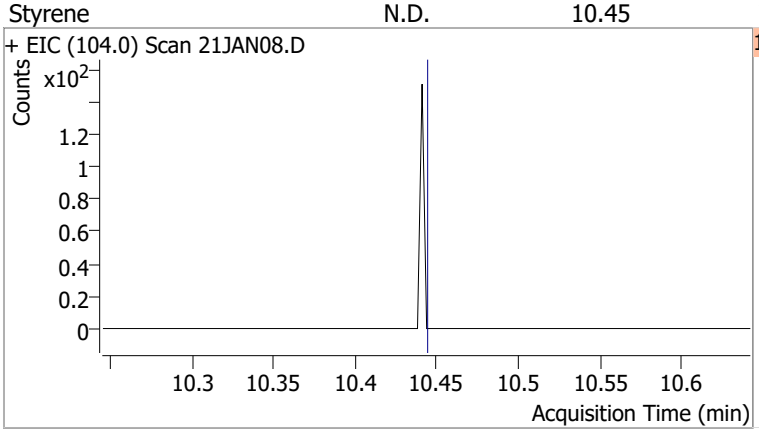


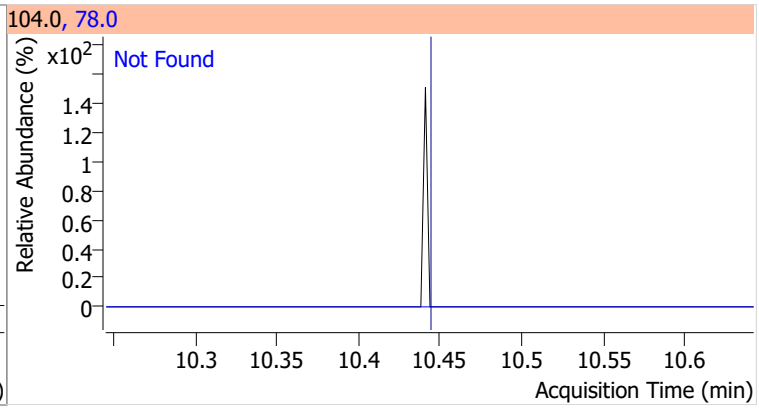
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



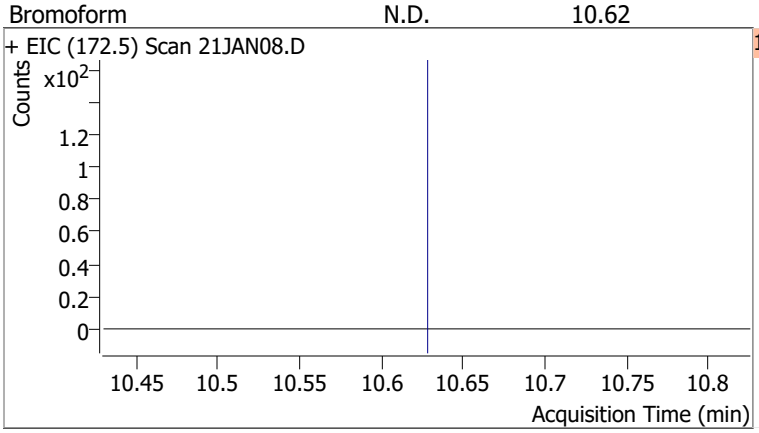


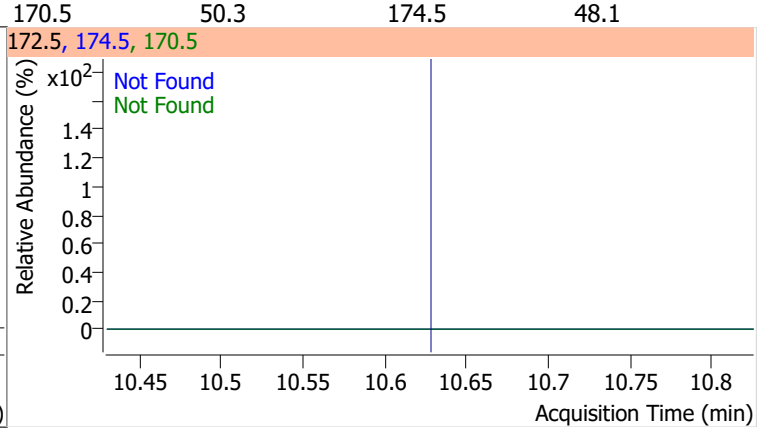
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



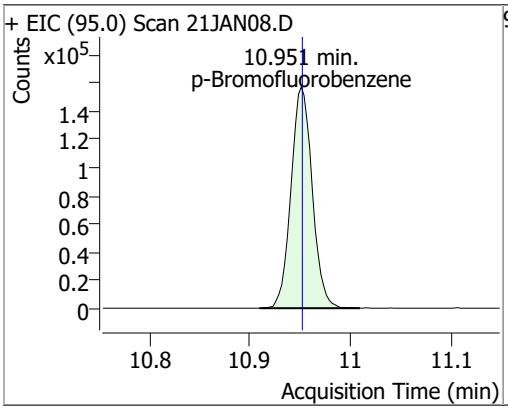


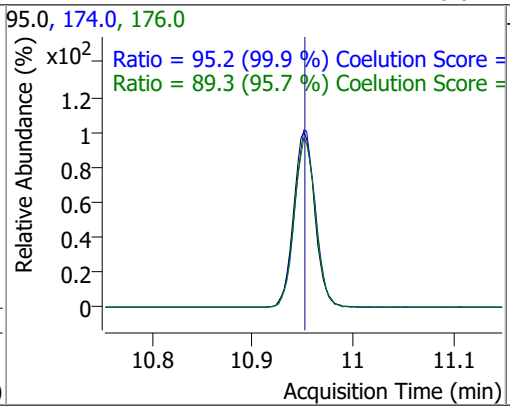
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

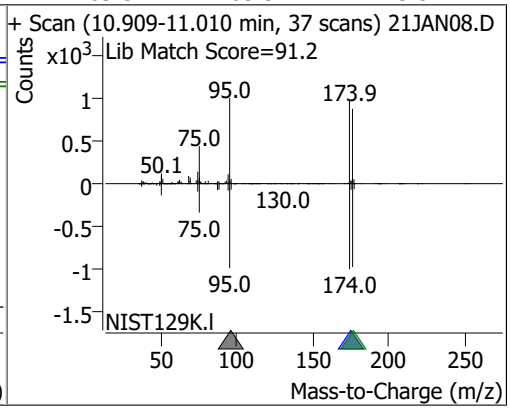




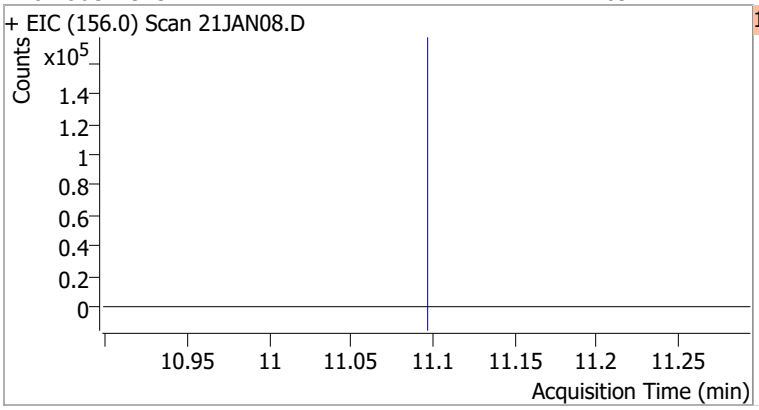
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.6696	10.95	0.00	231669	174.0	95.2	65.3	125.3
					176.0	89.3	63.3	123.3

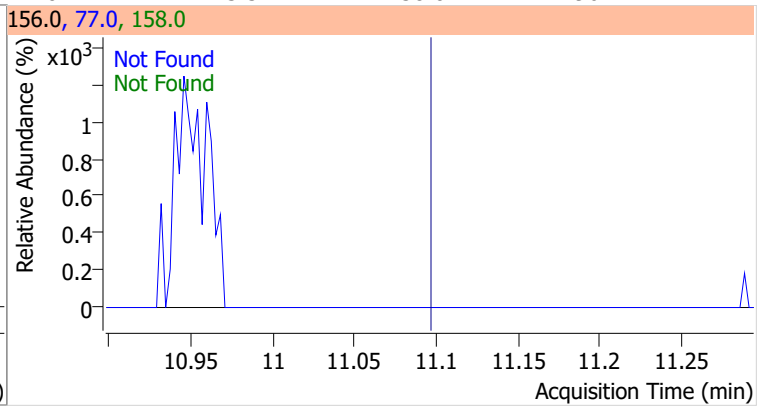




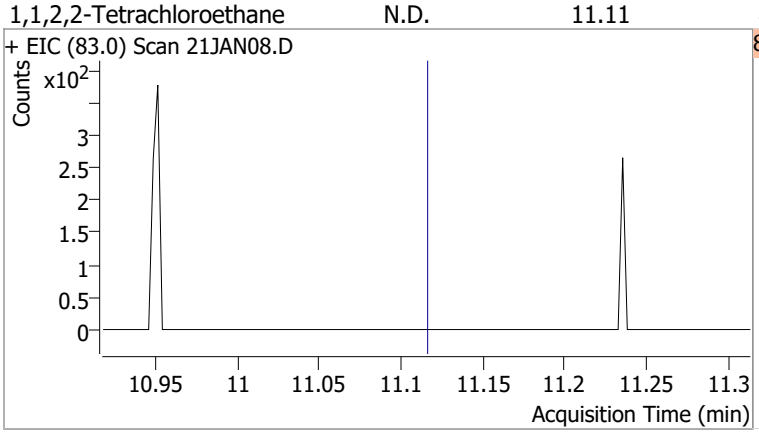


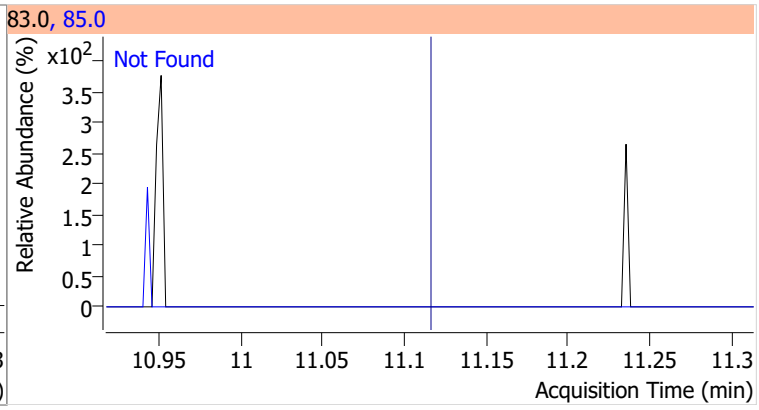
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



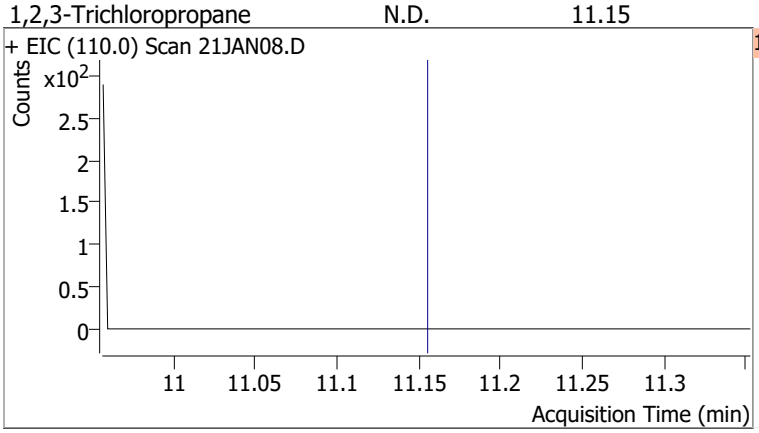


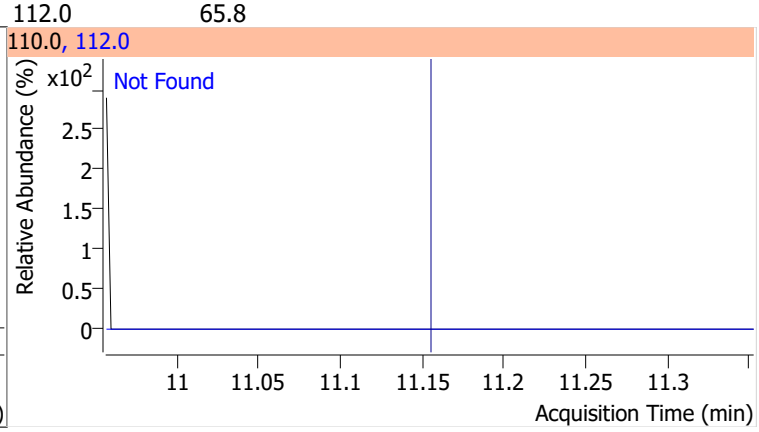
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



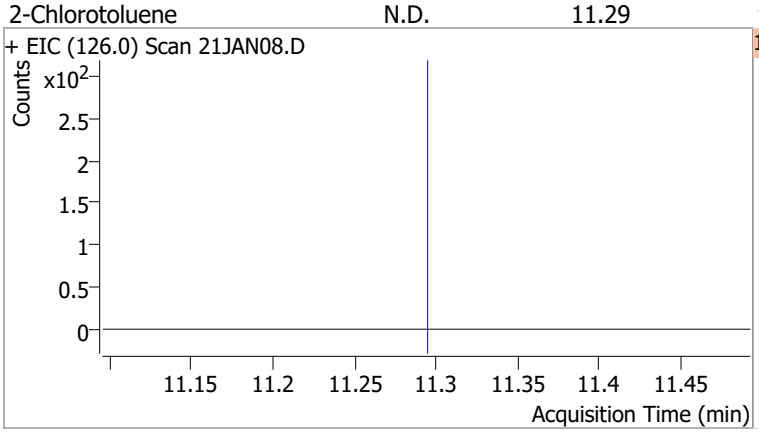


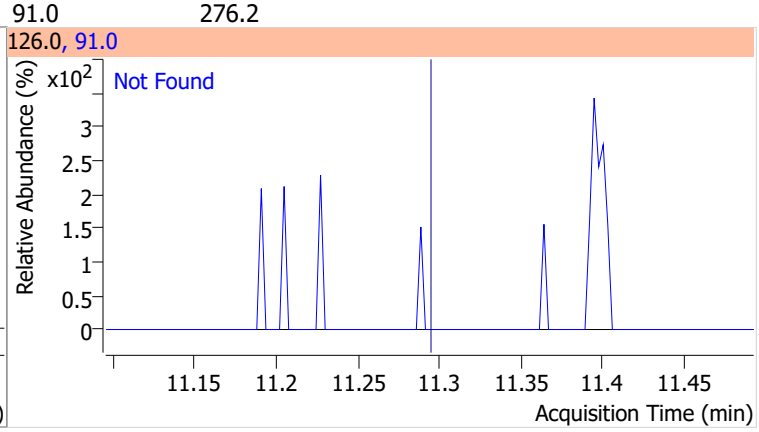
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



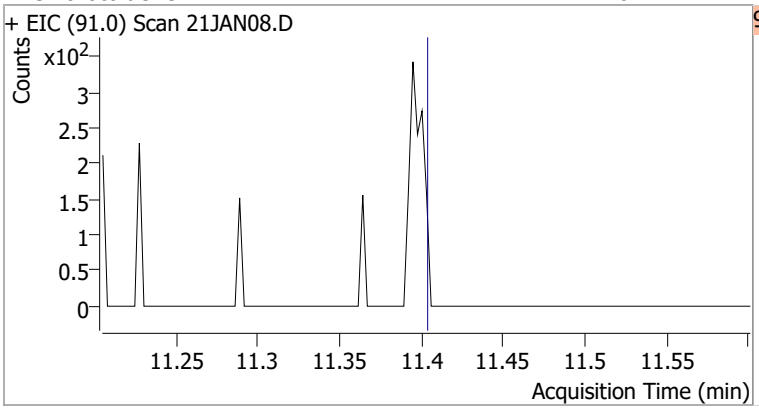


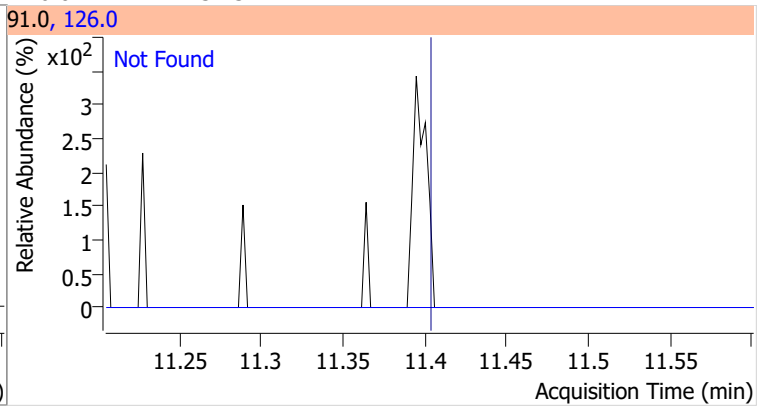
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



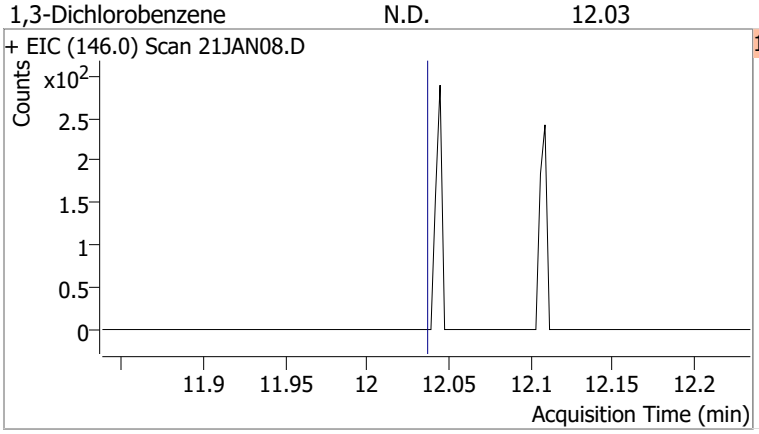


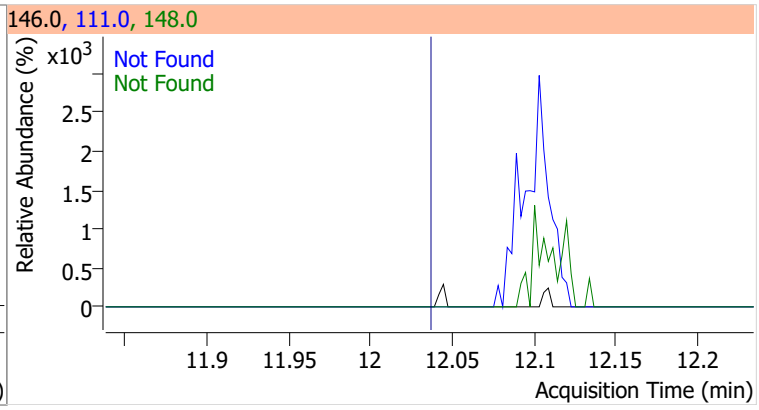
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



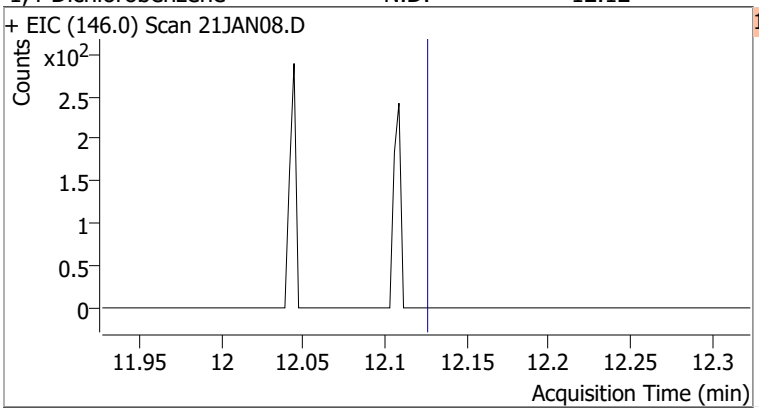


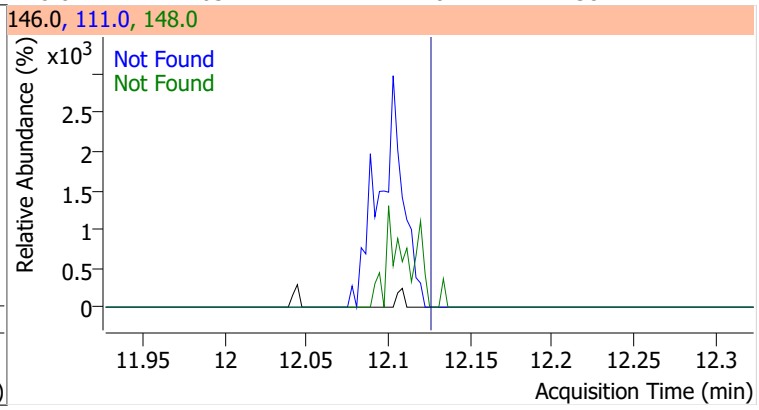
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



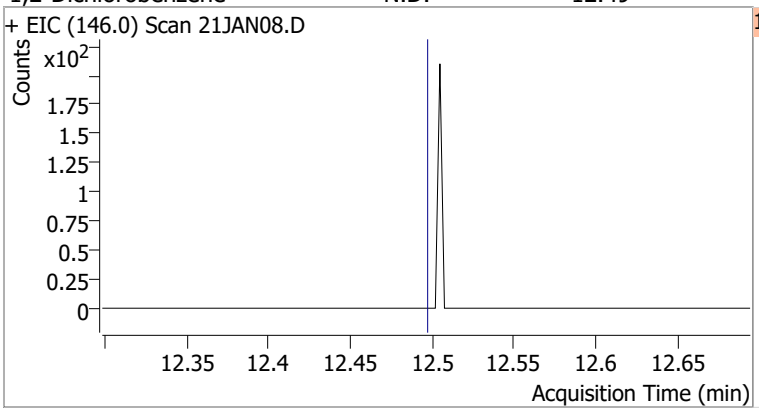


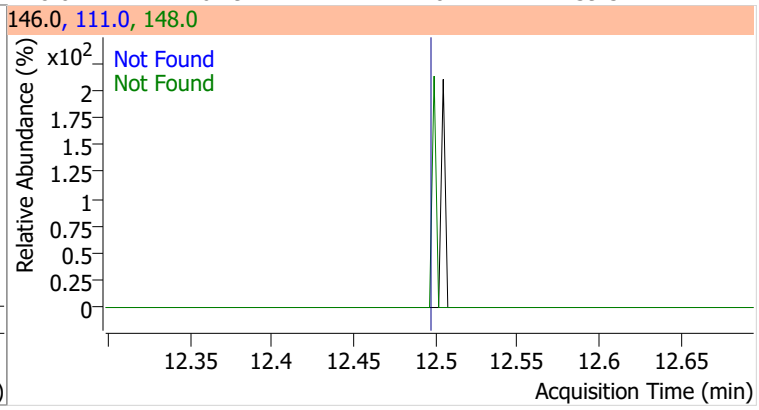
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





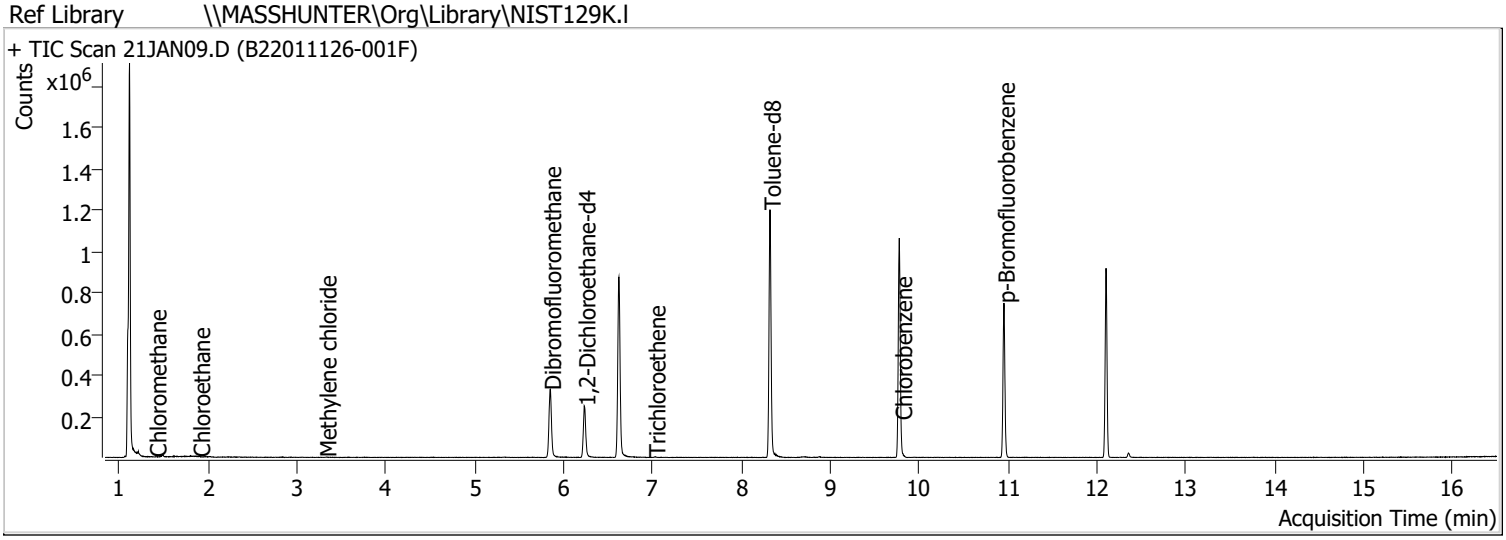
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 1:25:55 PM
Sample Name	B22011126-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

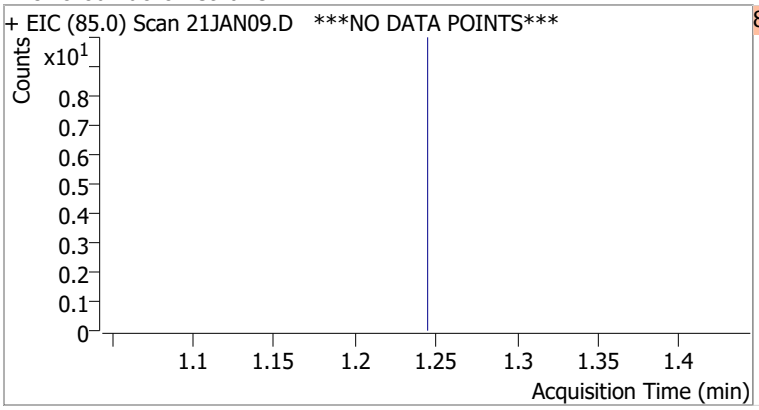


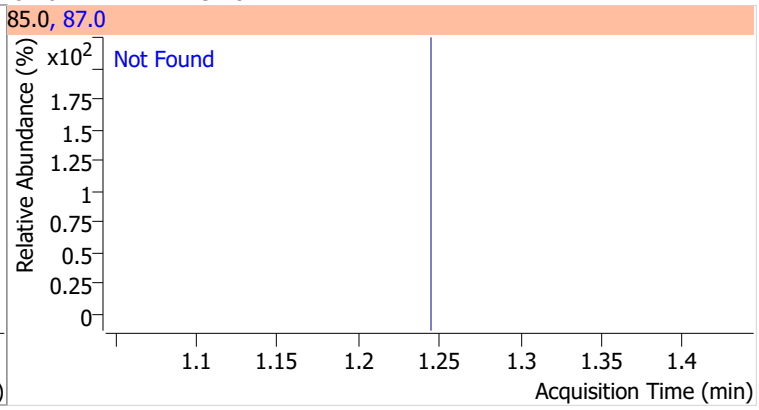
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	737139	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	295195	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	218755	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	196048	274.5848	ng		-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.83%			
S 1,2-Dichloroethane-d4	6.233	67.0	88057	285.5096	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 114.20%			
S Toluene-d8	8.319	98.0	726277	252.1873	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 100.87%			
S p-Bromofluorobenzene	10.951	95.0	211320	261.6336	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.65%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.409	50.0	572	0.4898	ng	m	60
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	1.899	64.0	959	1.9085	ng	m	82
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.319	49.0	985	0.9139	ng	m	91
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	7.022	95.0	666	0.7540	ng	m	88
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	7.401	93.0	0		ng	md	1
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.386	92.0	0		ng	md	1
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	8.823	83.0	0		ng	md	1
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	9.794	112.0	496	0.2358	ng	m	87
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.034	106.0	0		ng	md	1
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

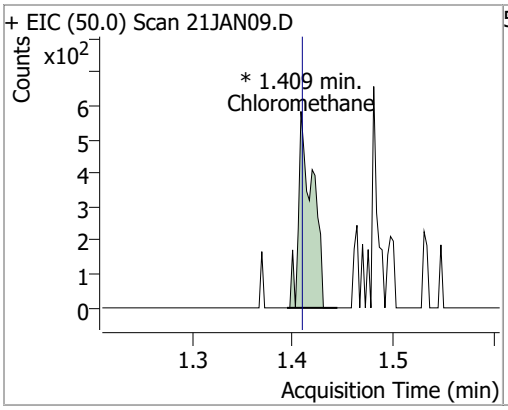
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

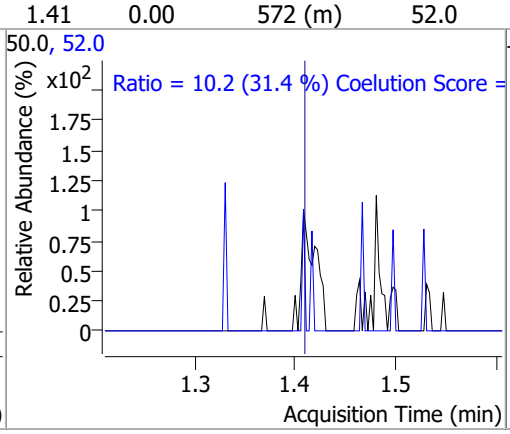
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

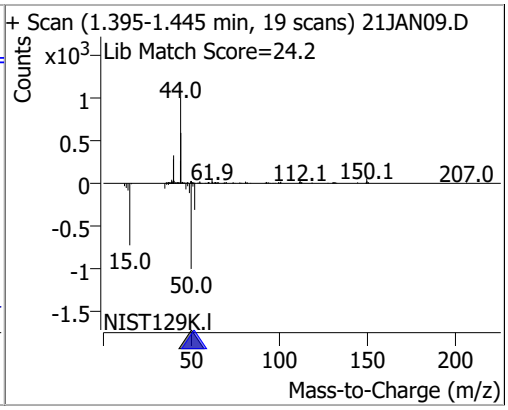




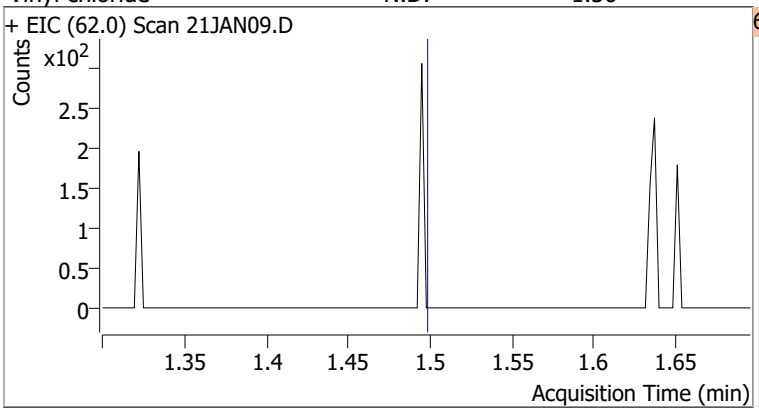
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.4898	1.41	0.00	572 (m)	52.0	10.2	2.4	62.4

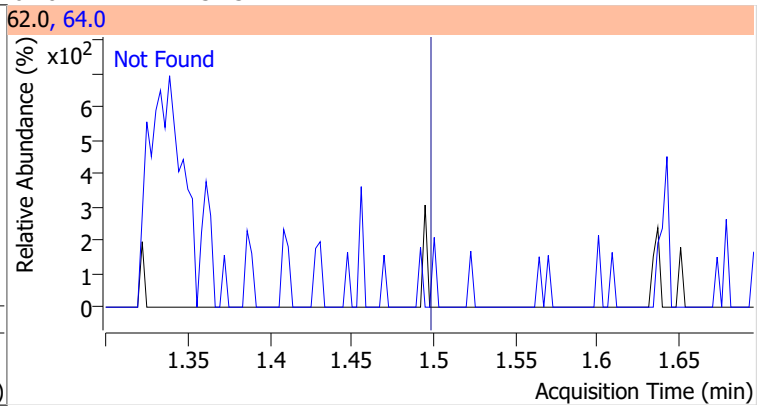




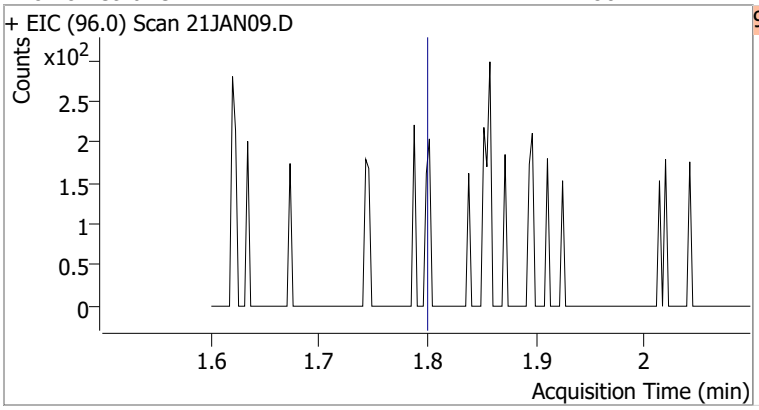


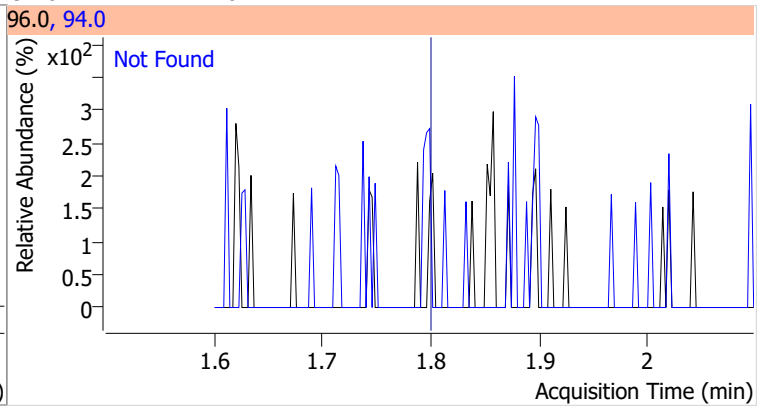
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



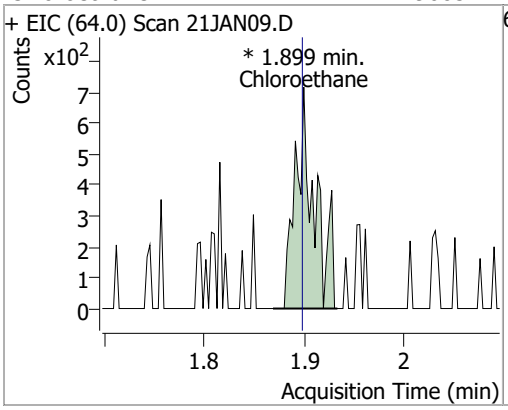


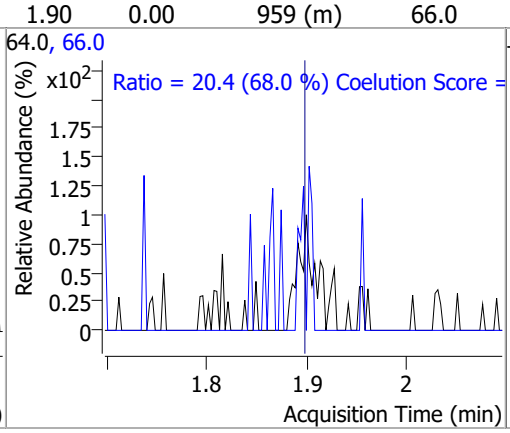
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1

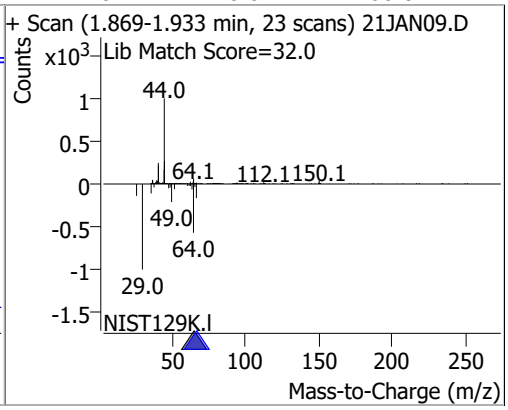




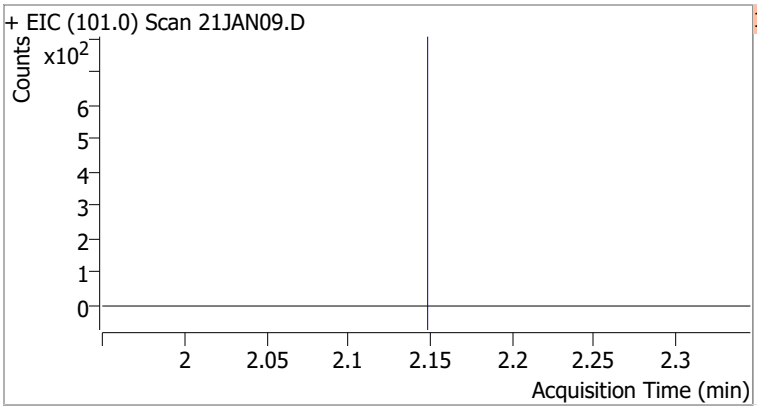
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	1.9085	1.90	0.00	959 (m)	66.0	20.4	0.0	60.0

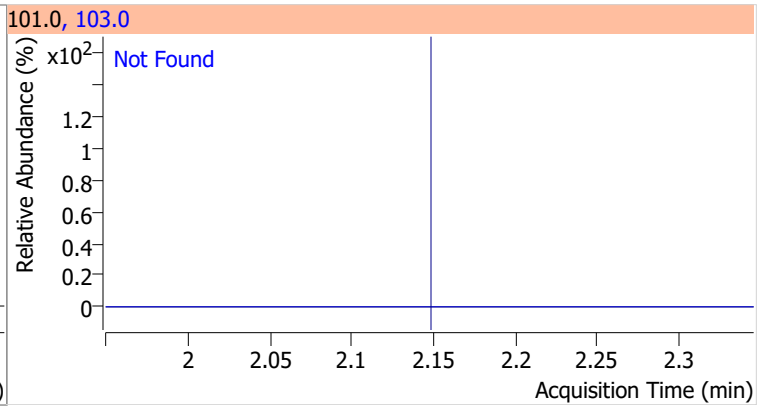




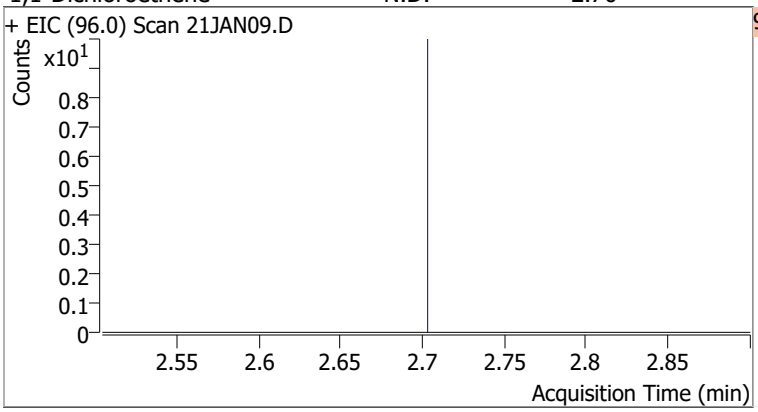


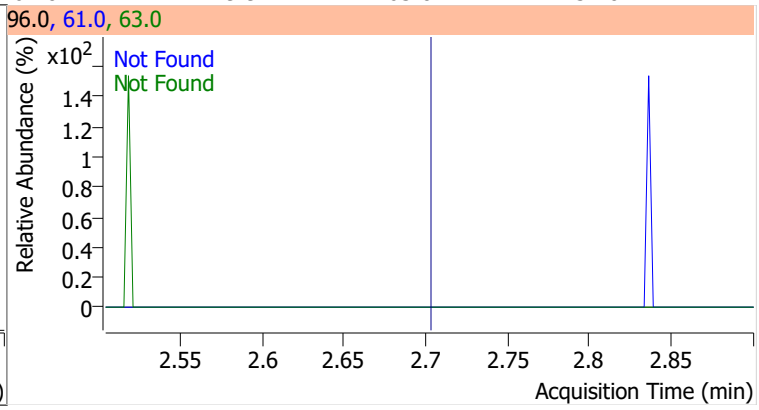
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



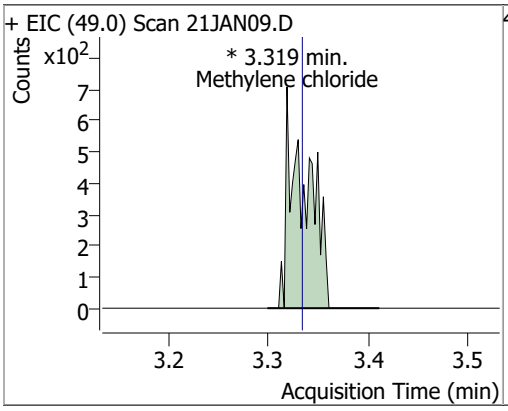


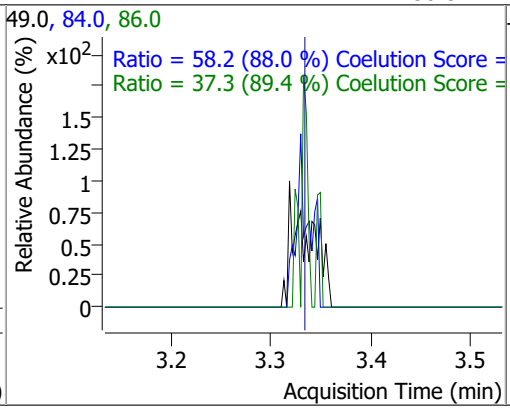
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

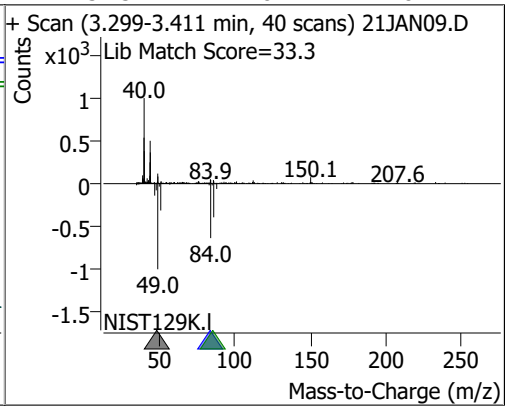




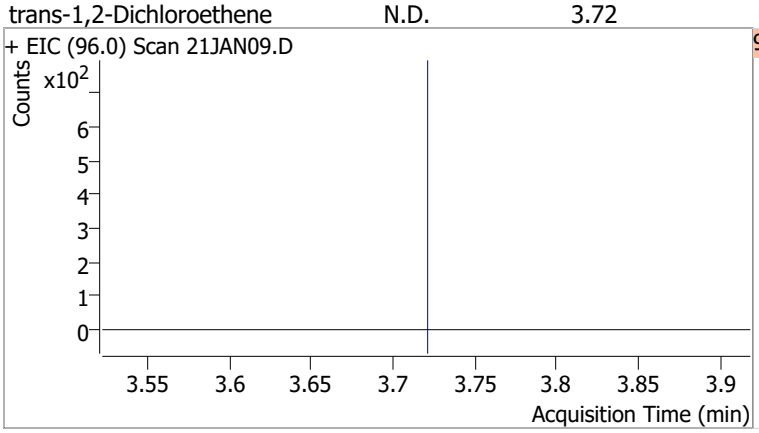
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.9139	3.32	-0.01	985 (m)	84.0	58.2	36.1	96.1
					86.0	37.3	11.8	71.8

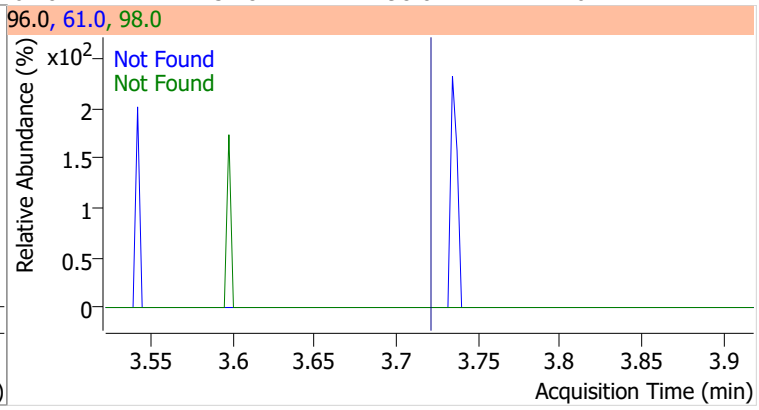




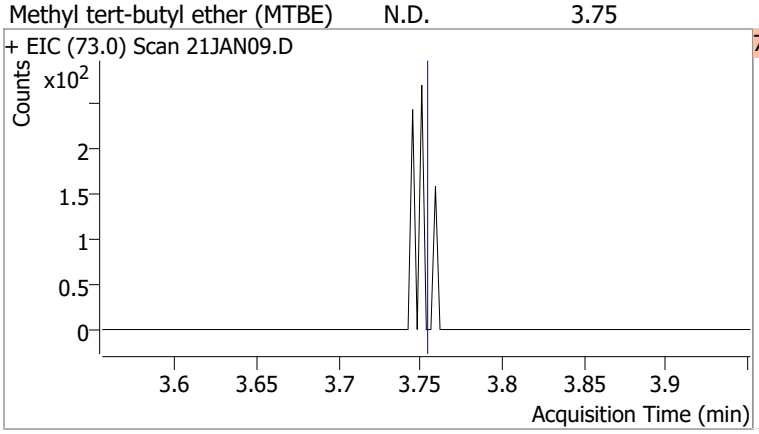


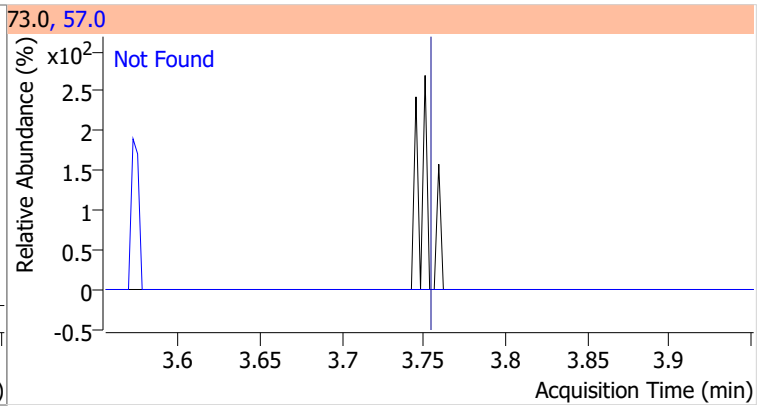
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



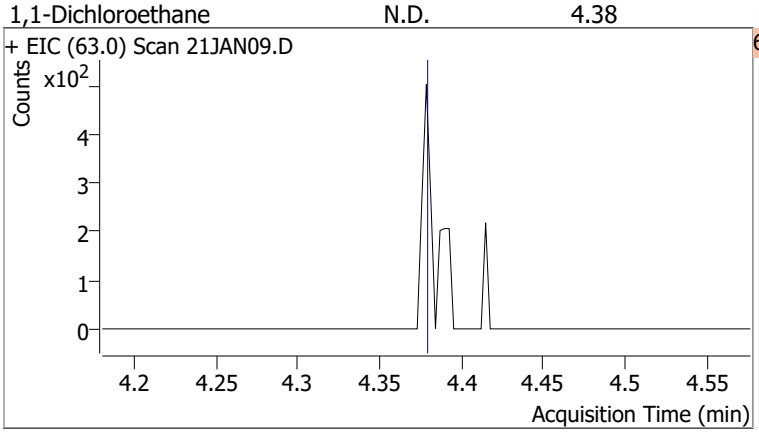


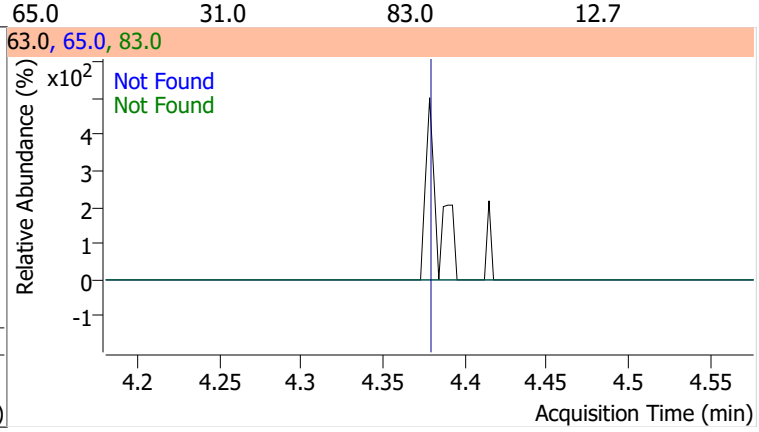
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



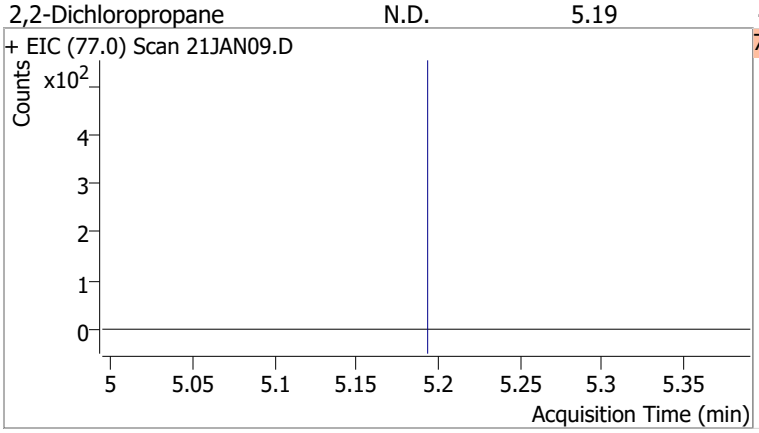


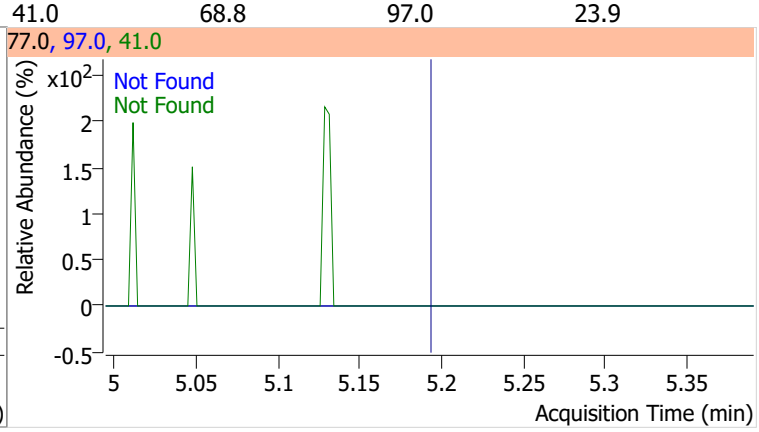
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



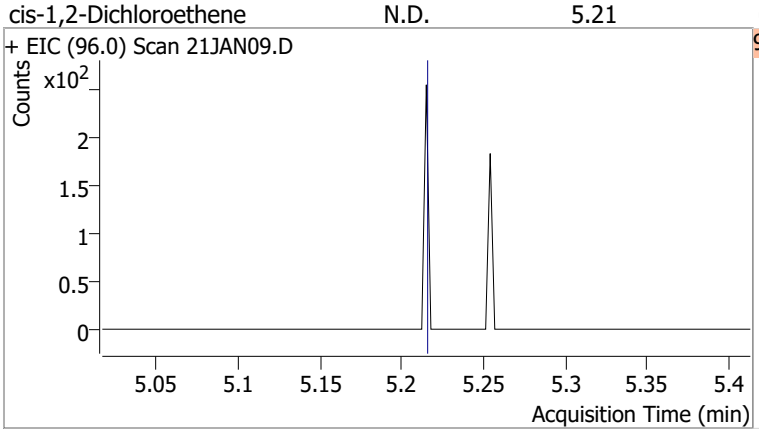


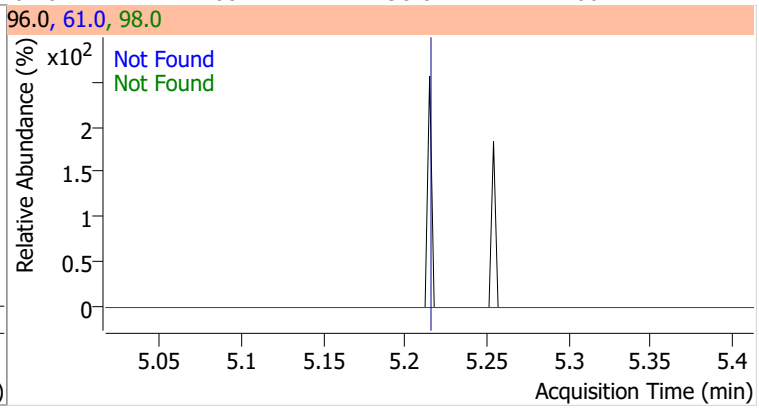
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



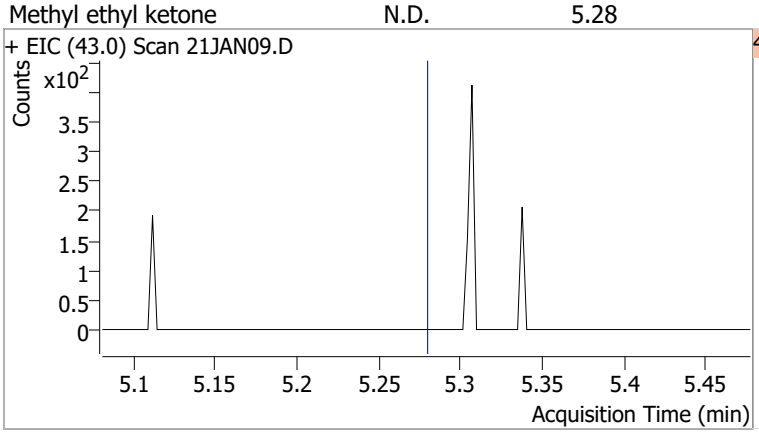


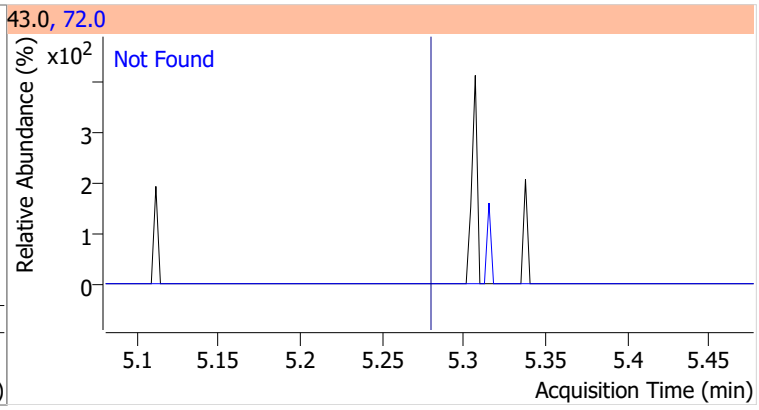
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



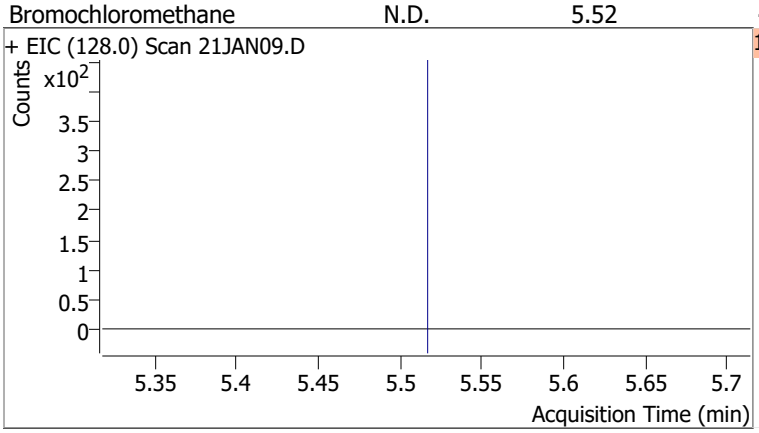


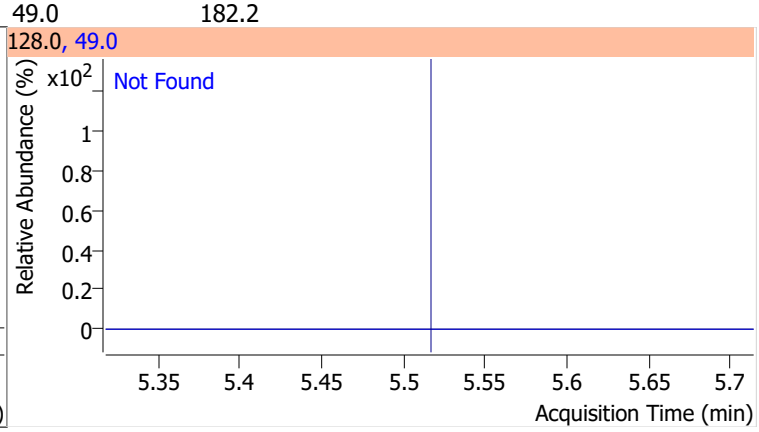
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



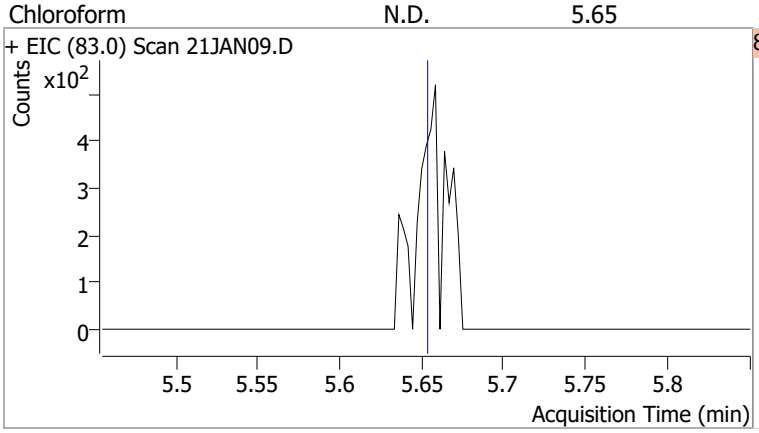


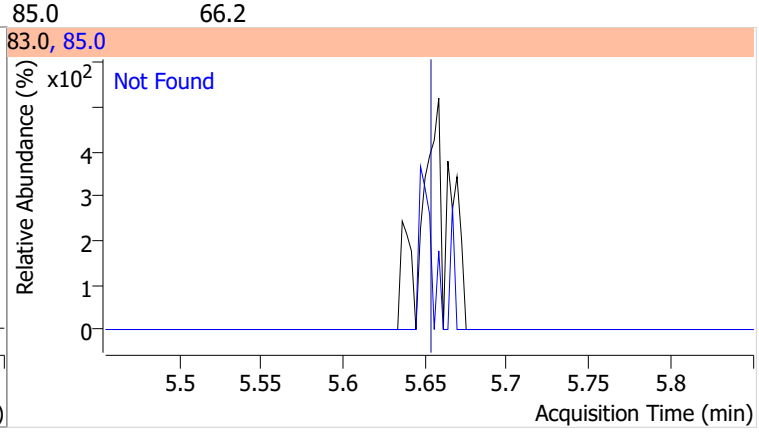
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



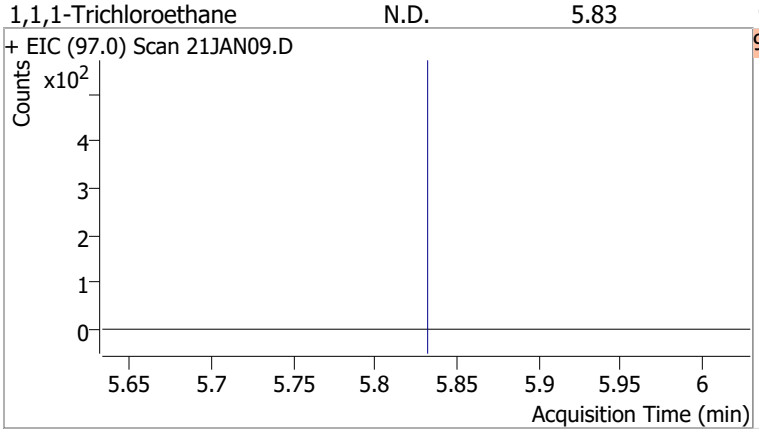


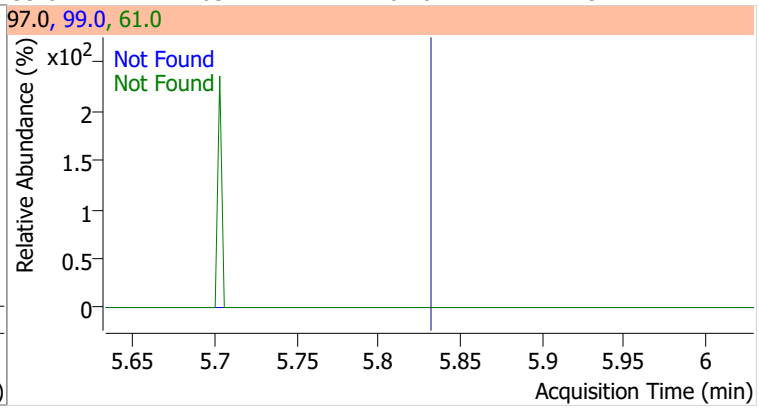
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



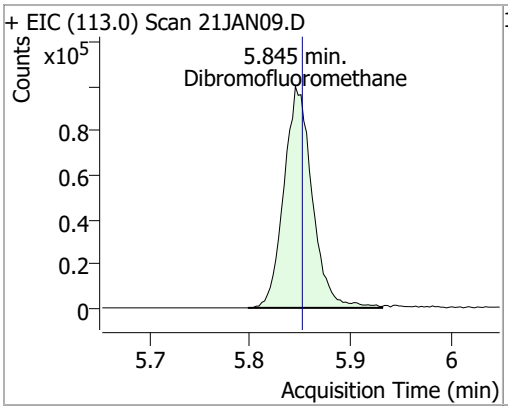


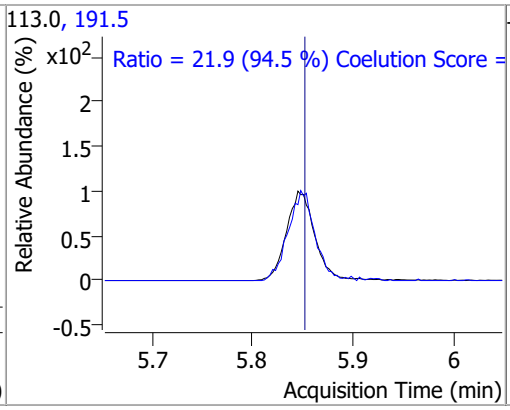
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

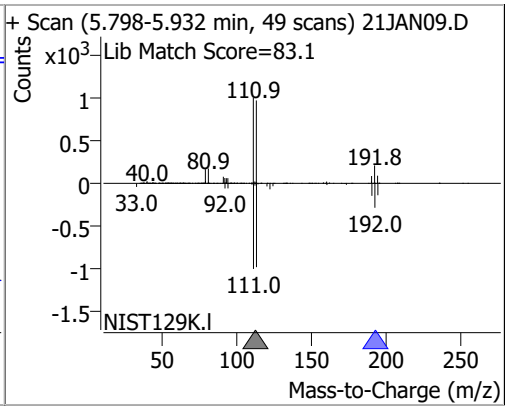




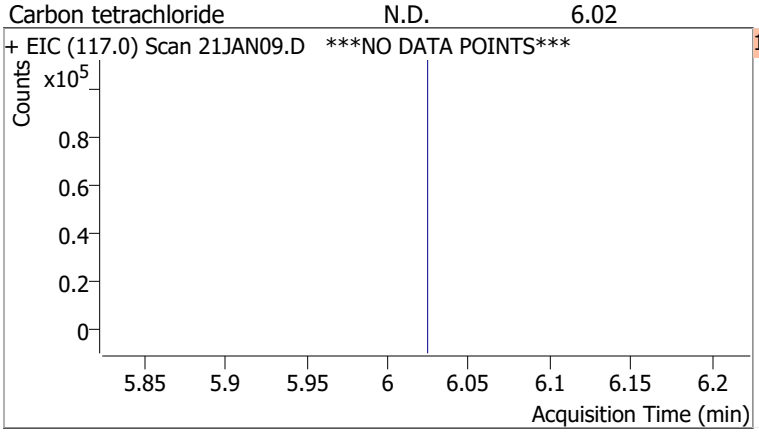
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	274.5848	5.85	-0.01	196048	191.5	21.9	0.0	53.2

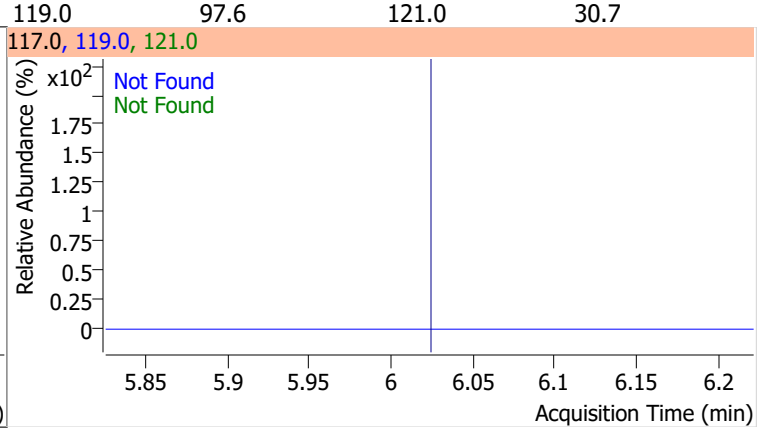




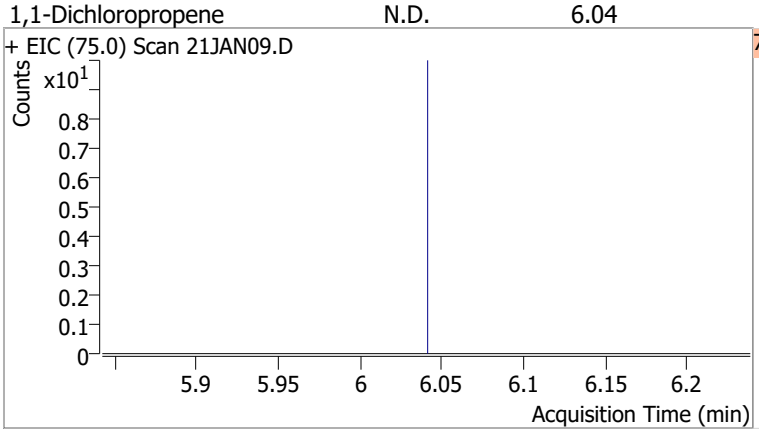


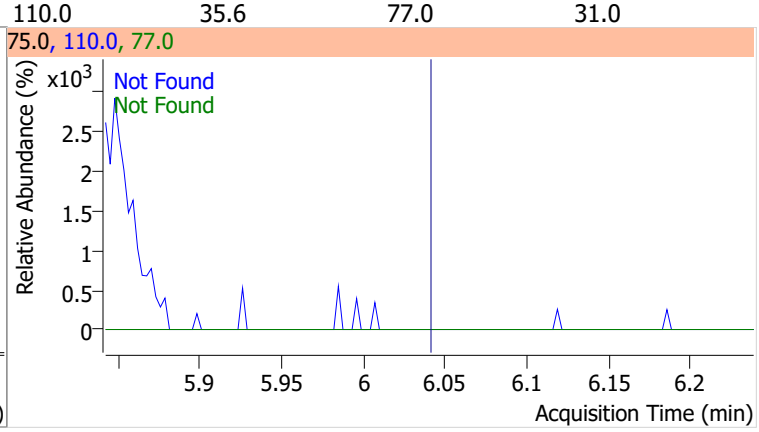
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



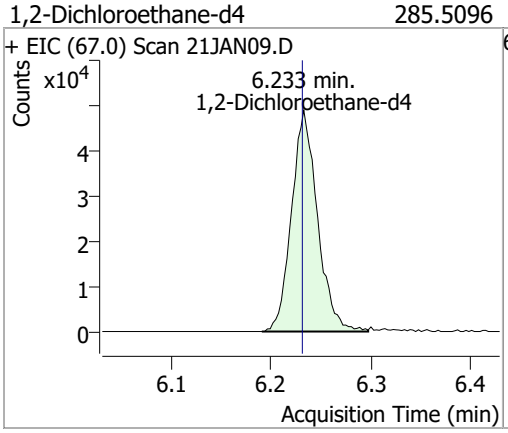


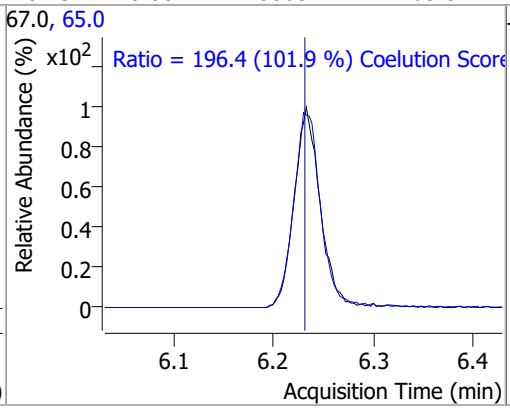
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

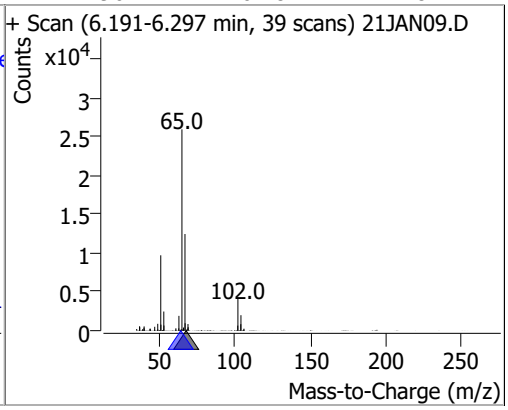




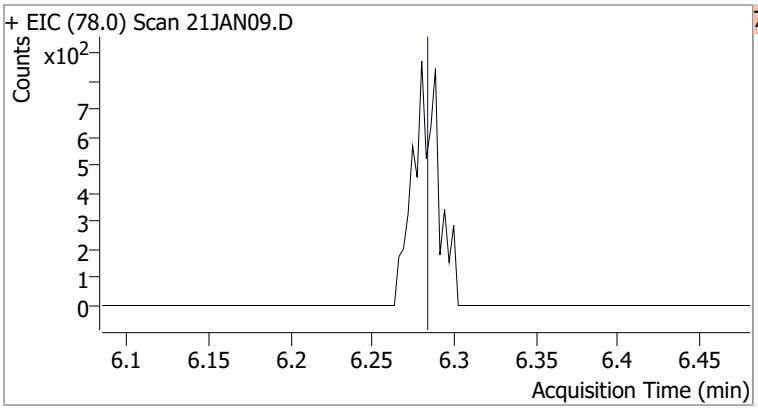
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	285.5096	6.23	0.00	88057	65.0	196.4	162.8	222.8

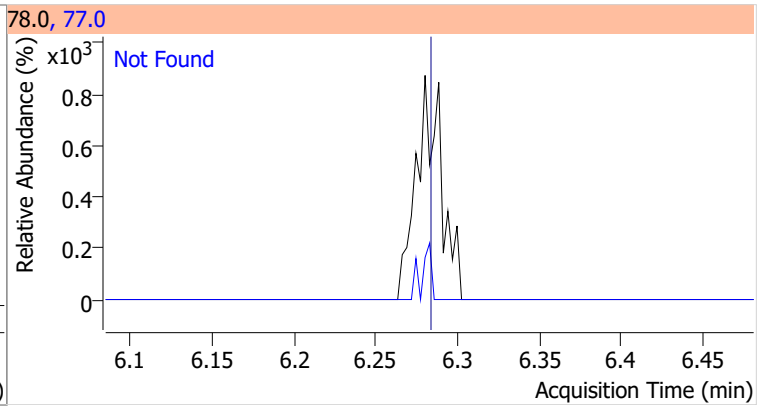




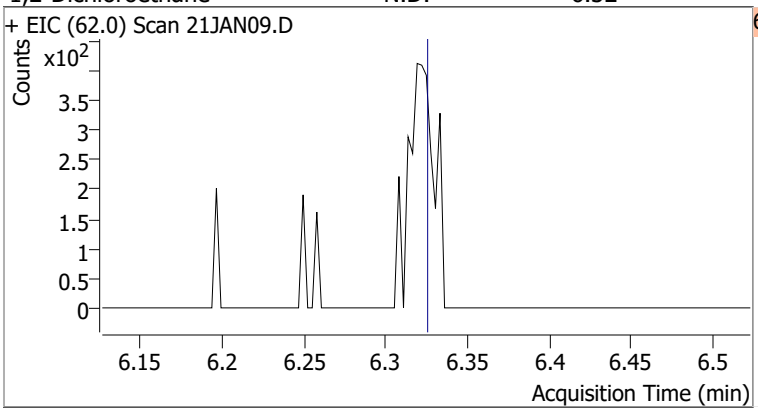


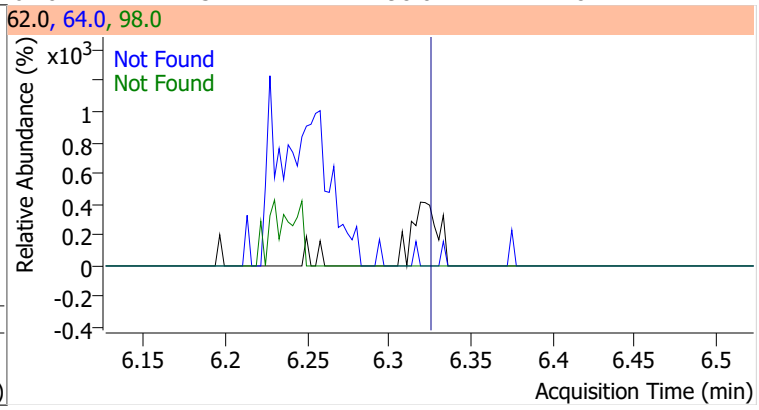
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



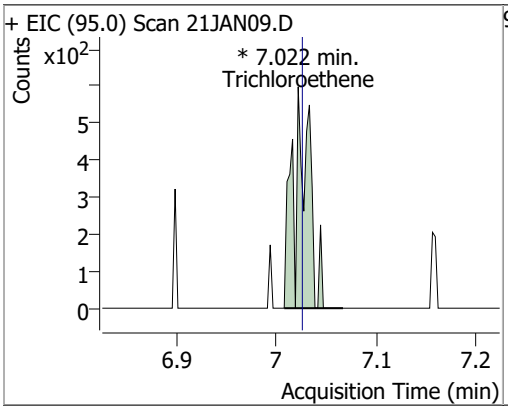


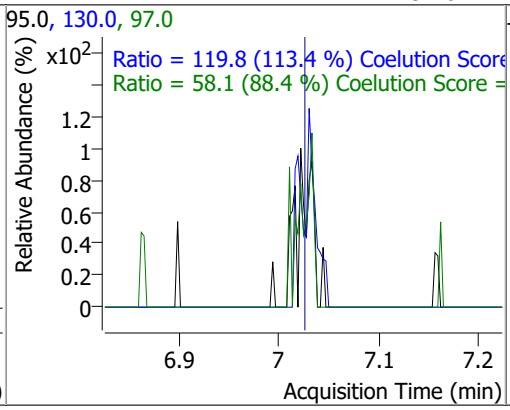
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2

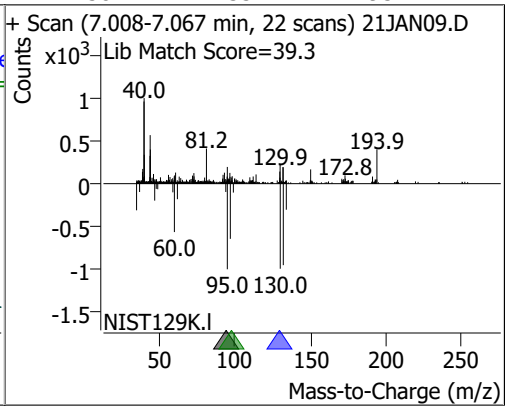




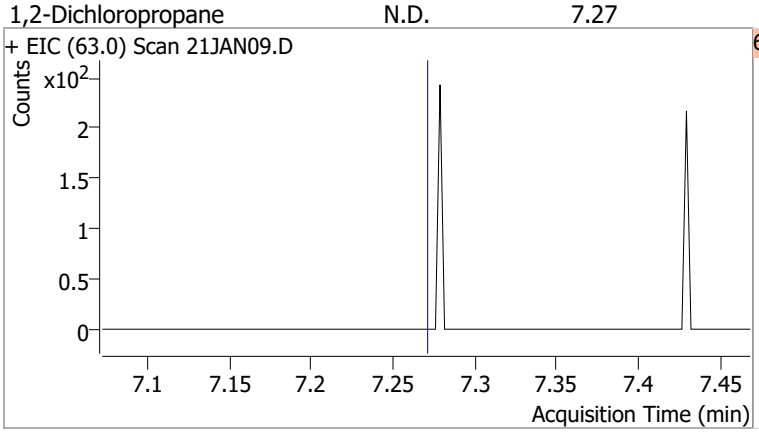
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	0.7540	7.02	0.00	666 (m)	130.0	119.8	75.6	135.6
					97.0	58.1	35.7	95.7

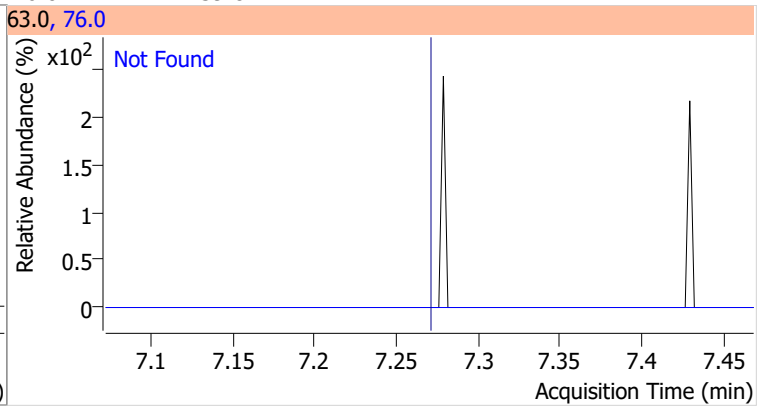




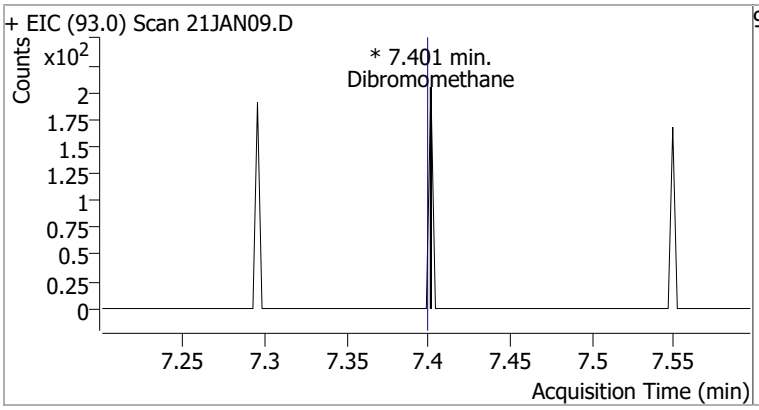


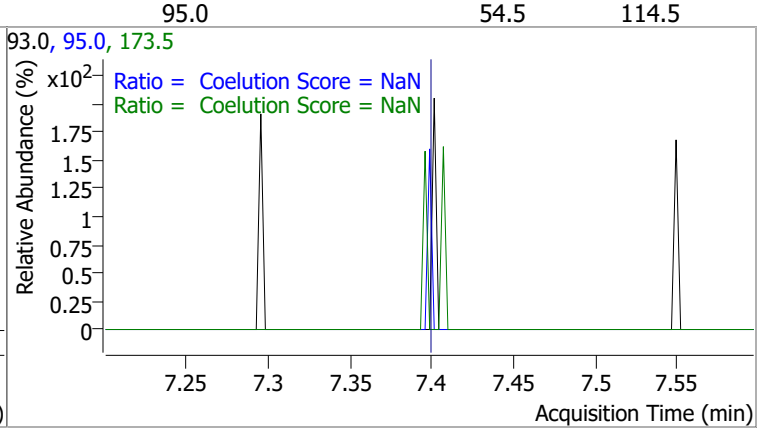
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



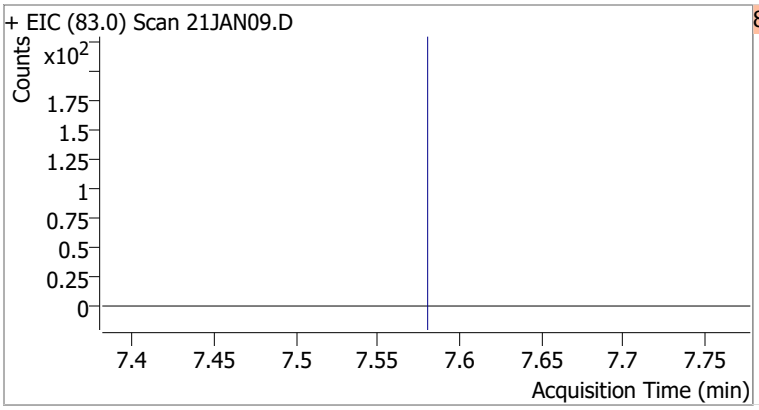


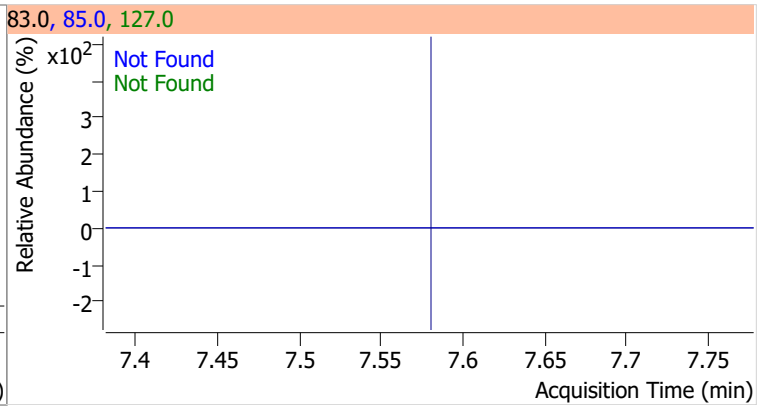
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane		0		0	173.5		78.2	138.2
					95.0		54.5	114.5



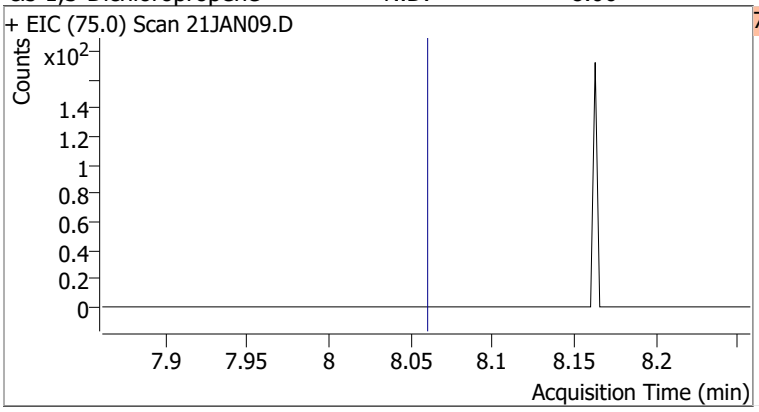


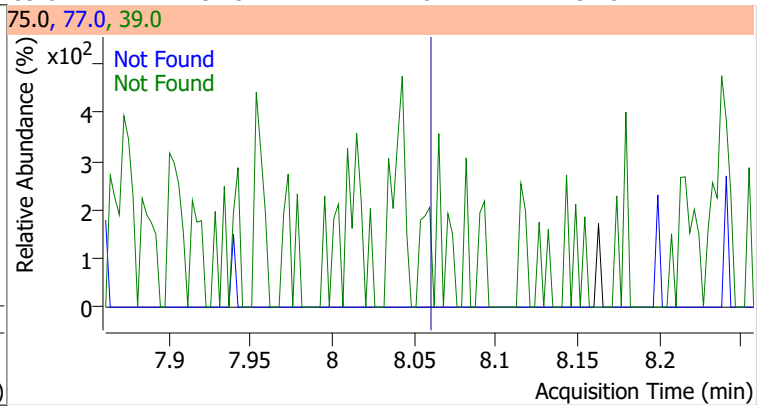
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5





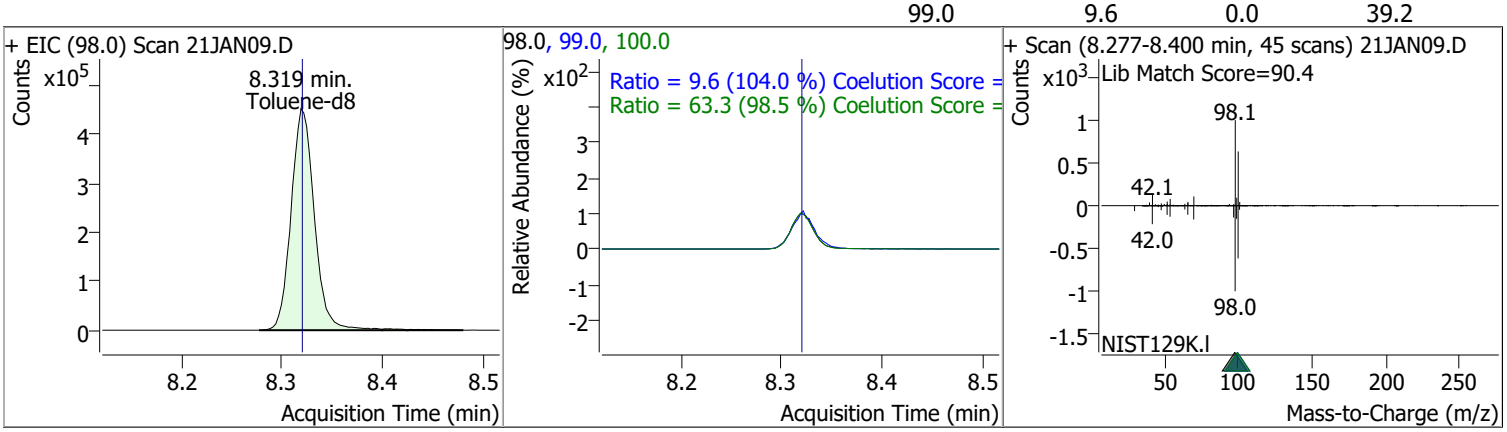
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8



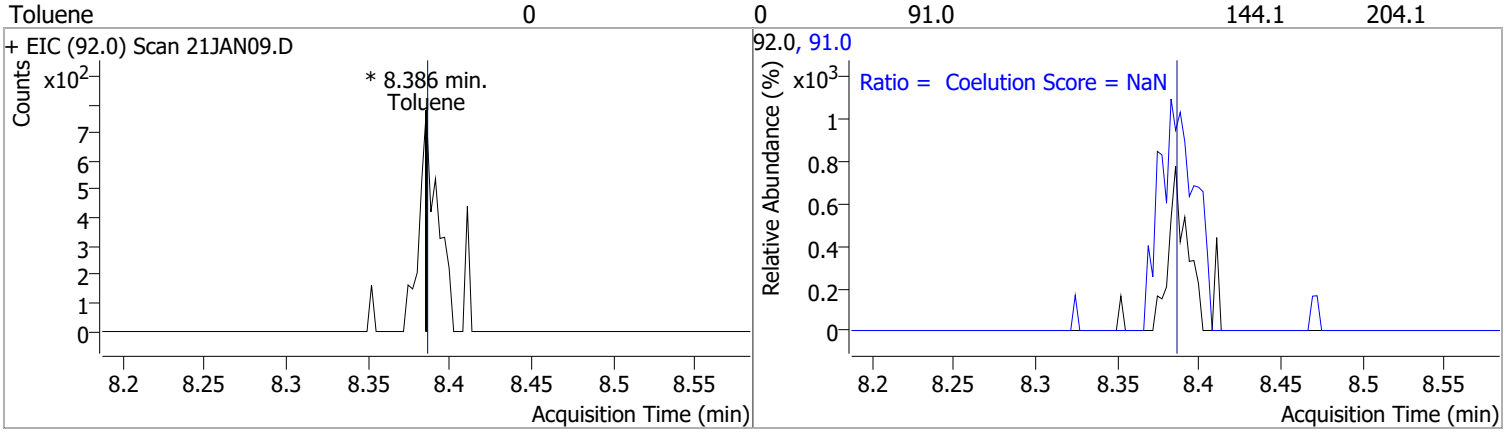


Quantitation Results Report (QT Reviewed)

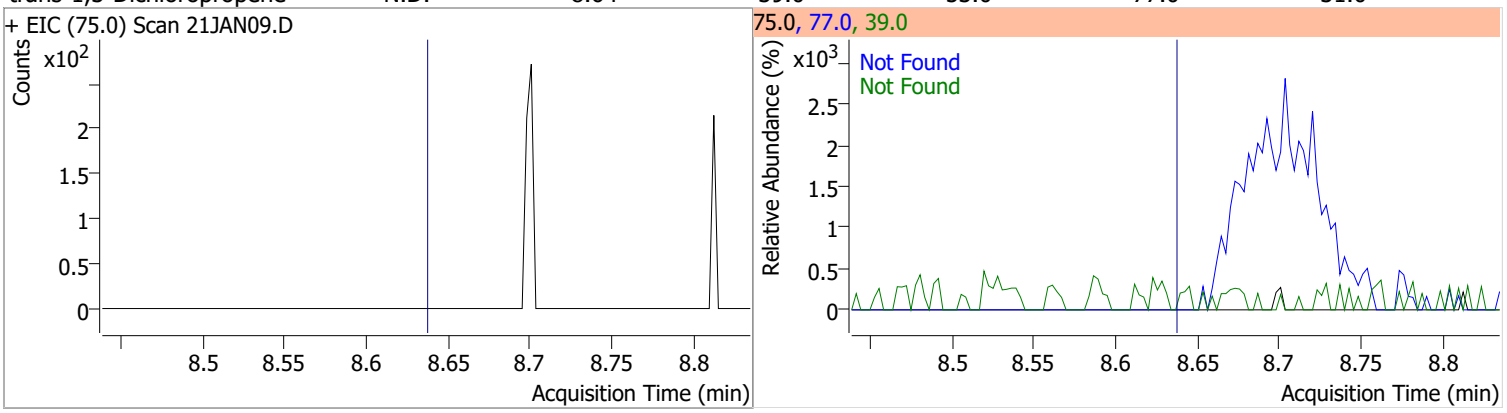
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	252.1873	8.32	0.00	726277	100.0	63.3	34.3	94.3
					99.0	9.6	0.0	39.2



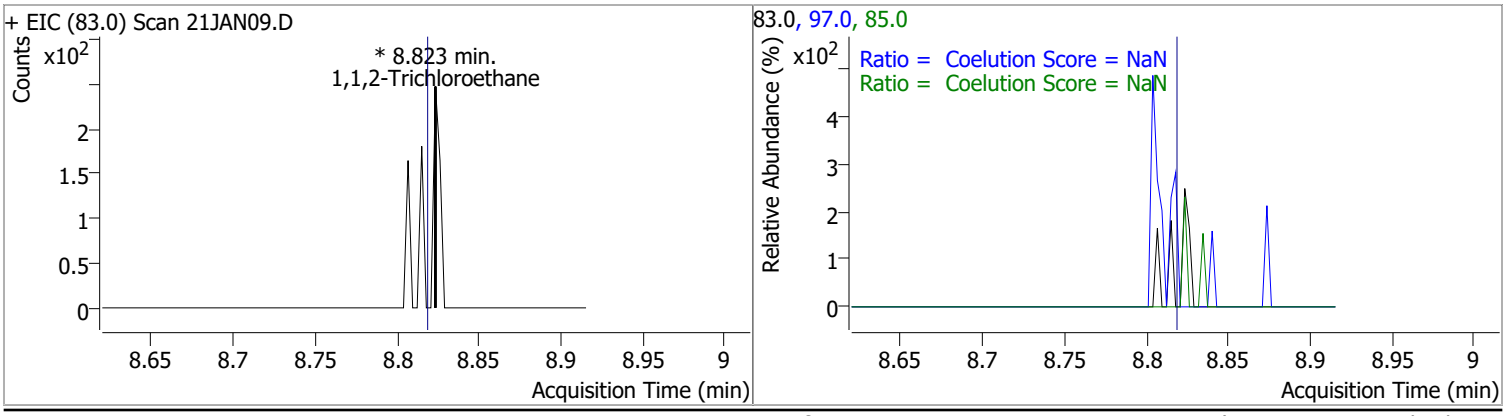
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



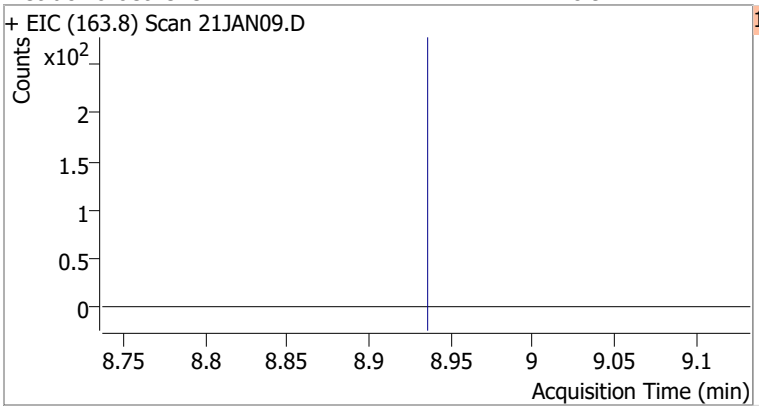
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0

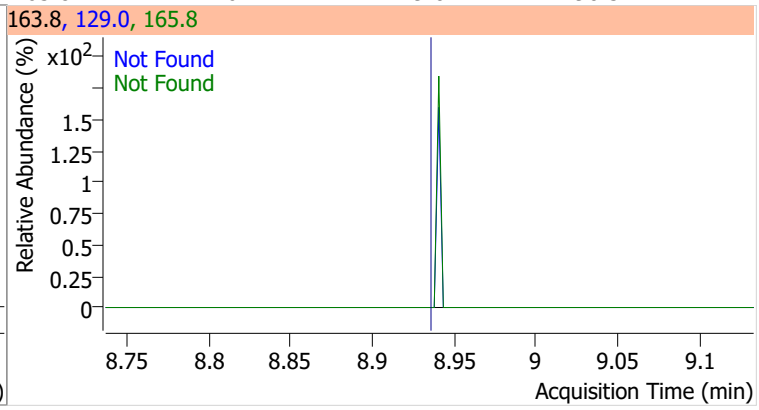


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane		0		0	97.0		80.7	140.7
					85.0		30.7	90.7

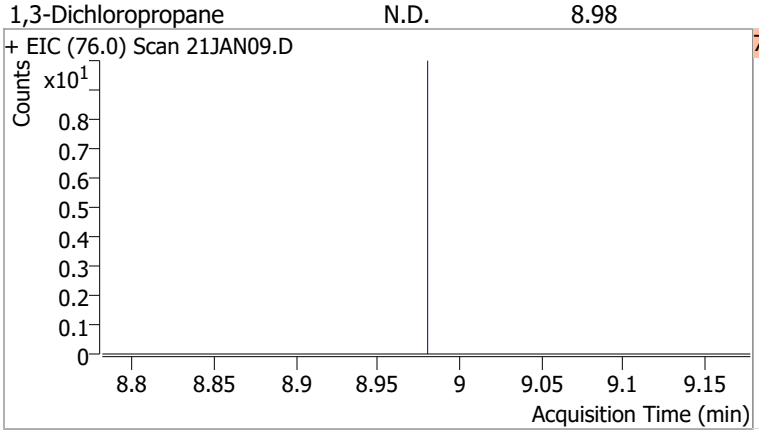


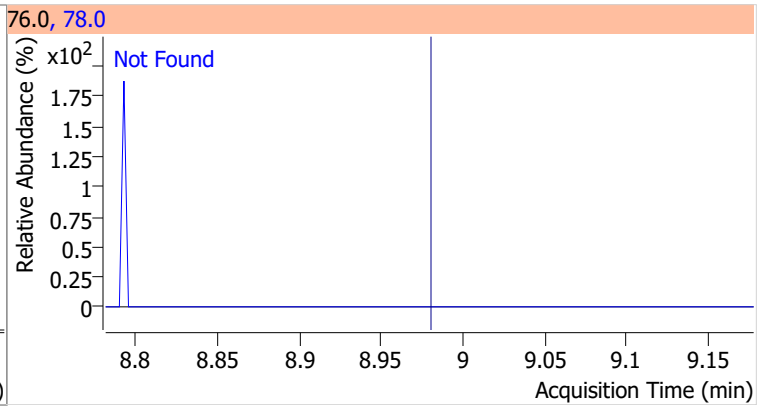
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



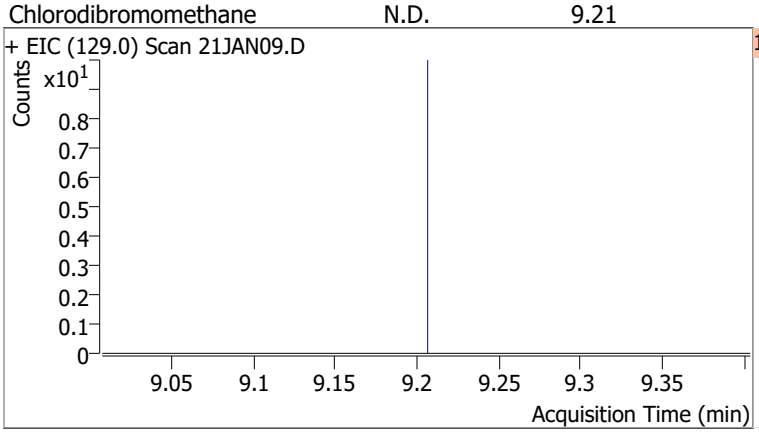


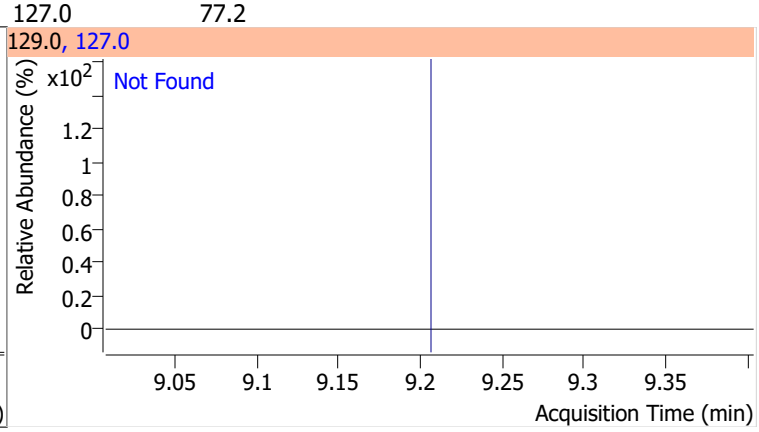
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



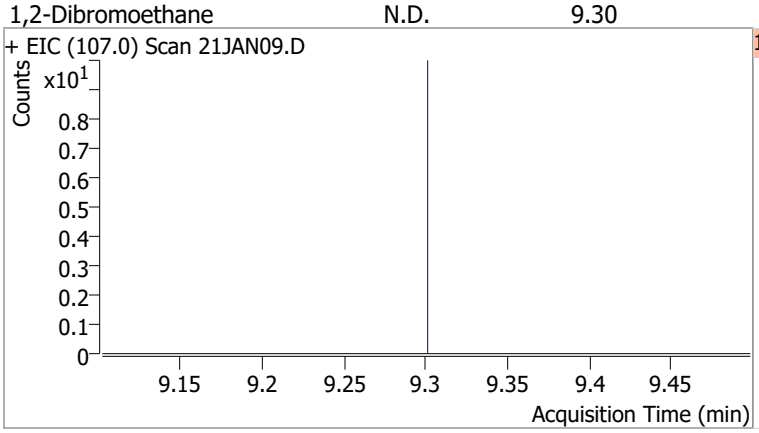


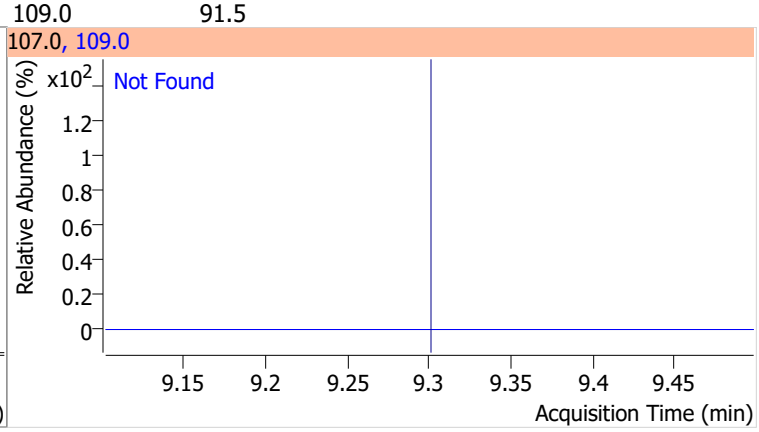
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



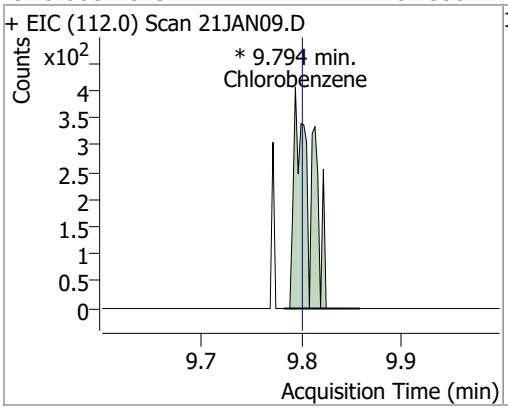


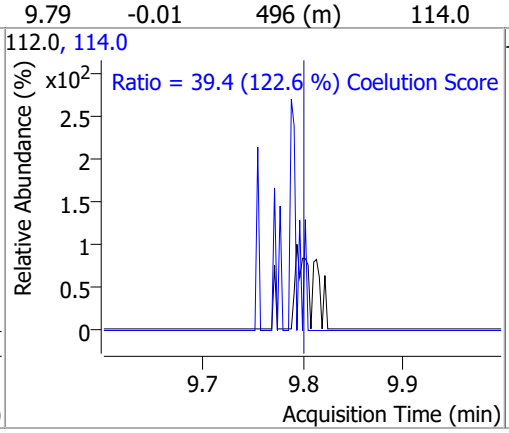
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5

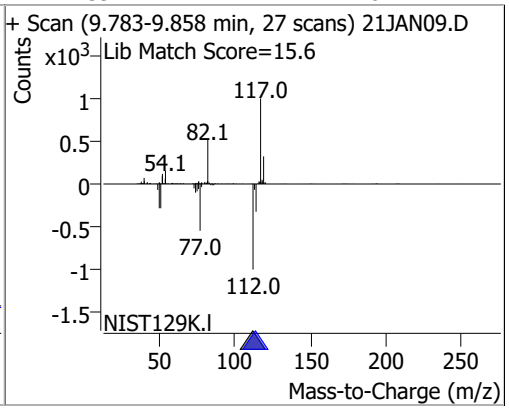




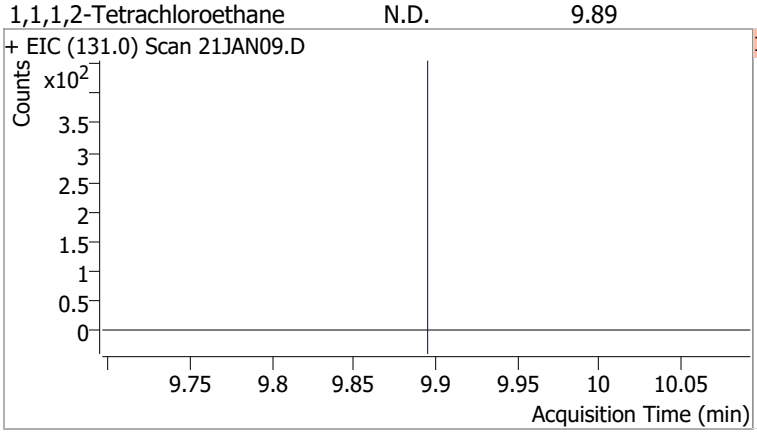
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	0.2358	9.79	-0.01	496 (m)	114.0	39.4	2.2	62.2

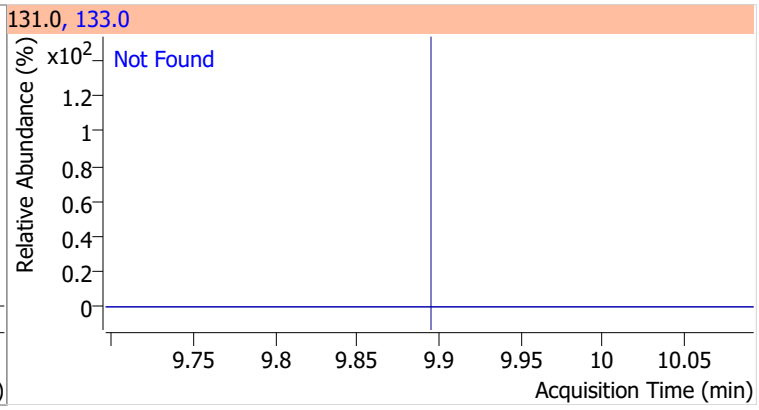




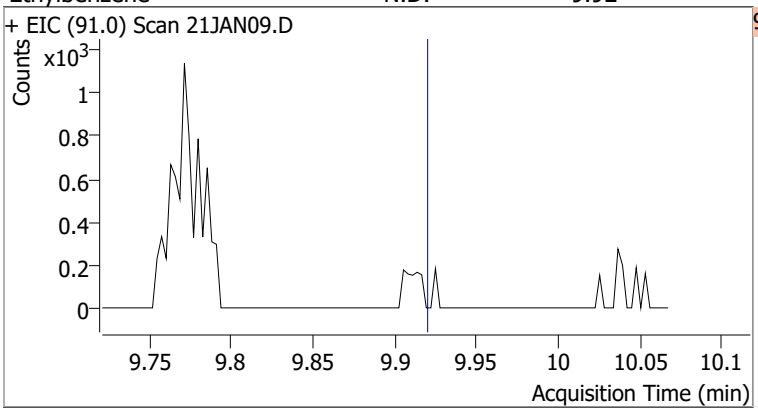


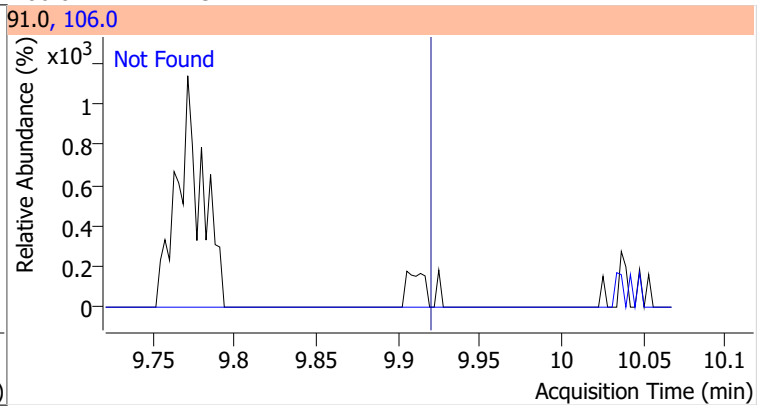
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



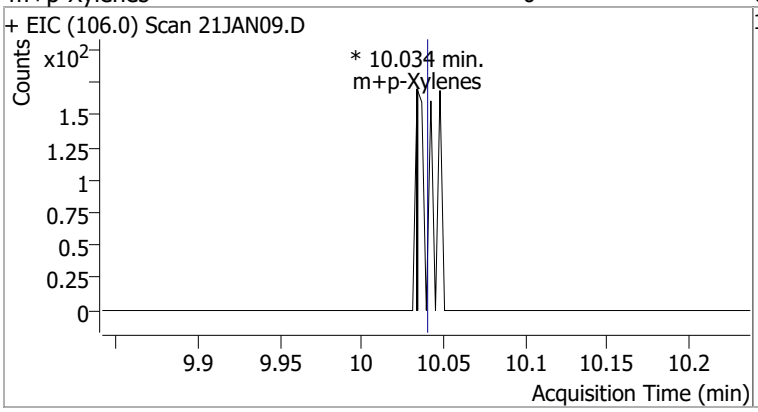


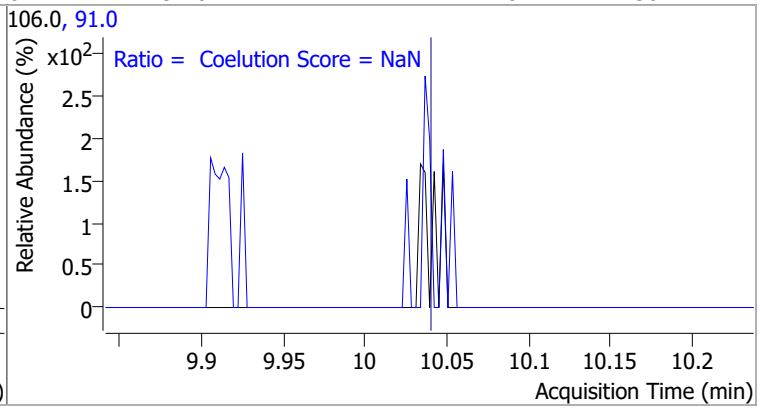
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



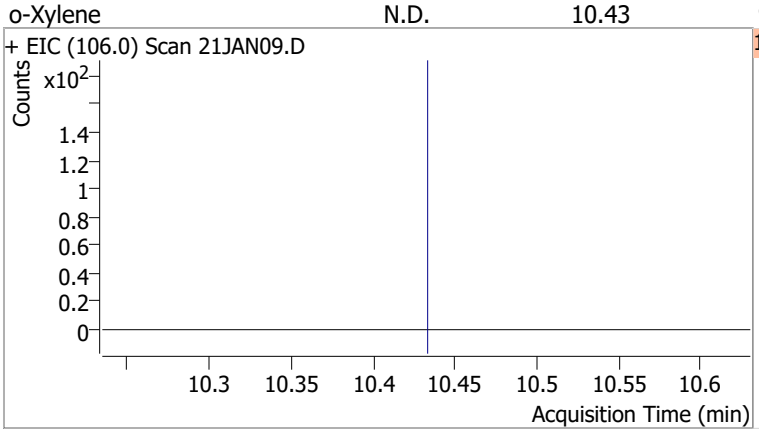


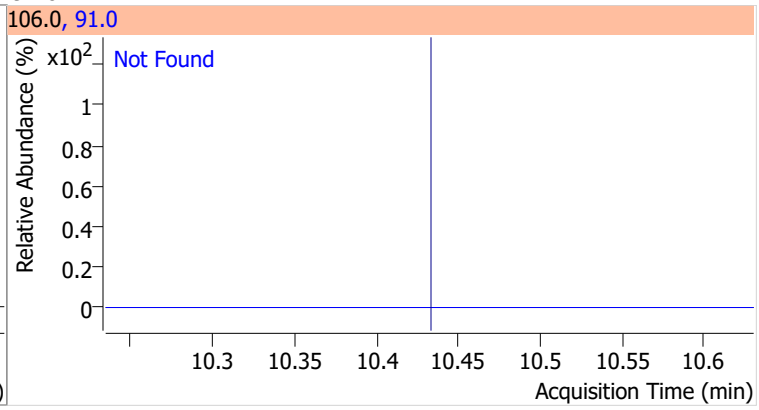
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		170.7	230.7



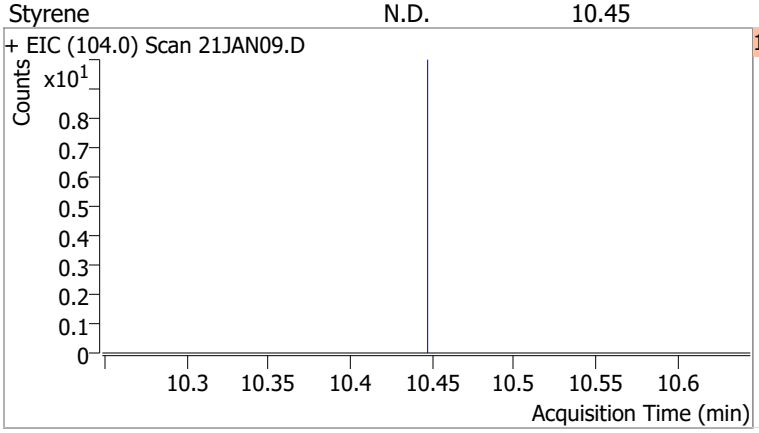


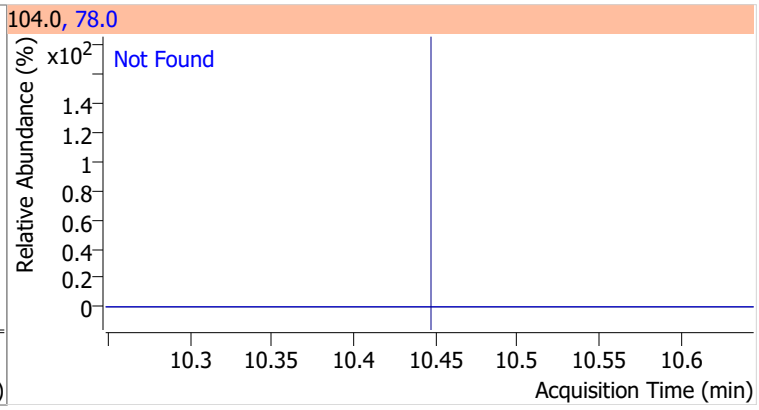
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



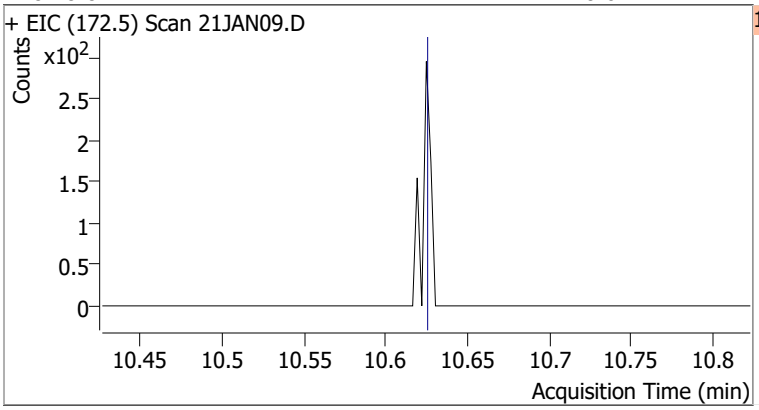


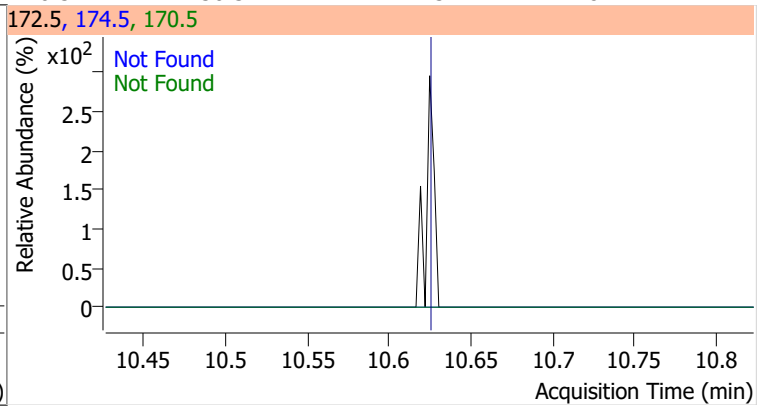
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



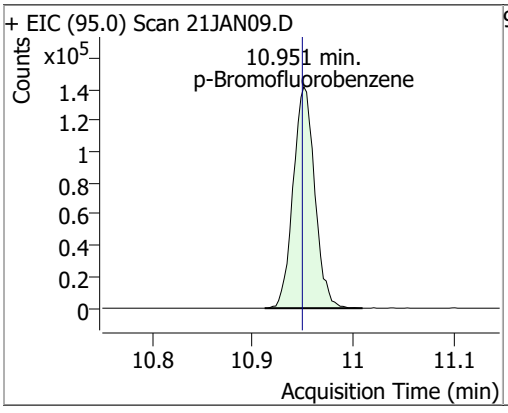


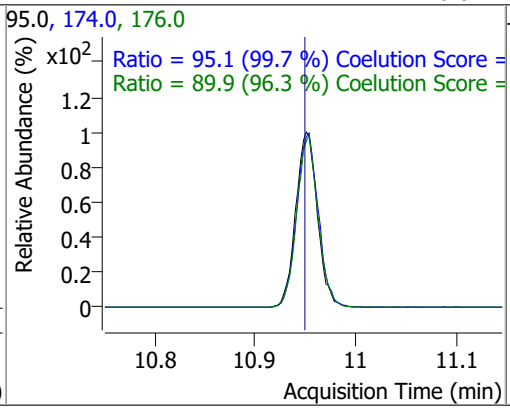
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

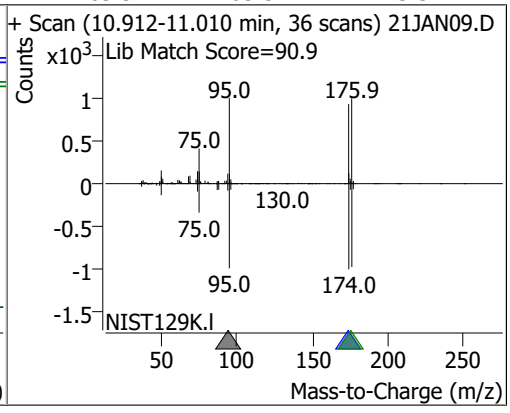




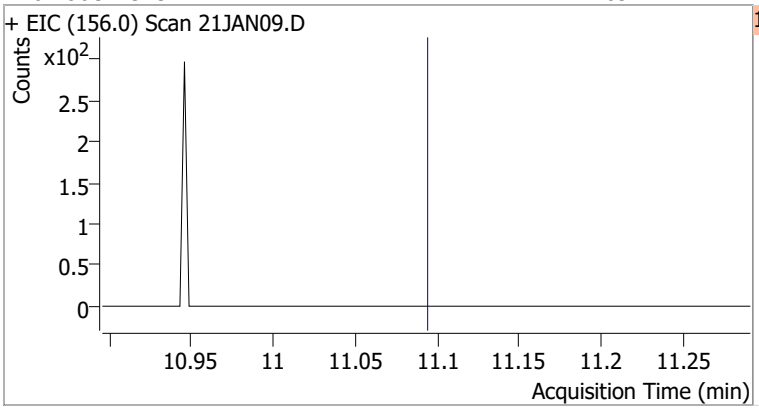
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	261.6336	10.95	0.00	211320	174.0	95.1	65.3	125.3
					176.0	89.9	63.3	123.3

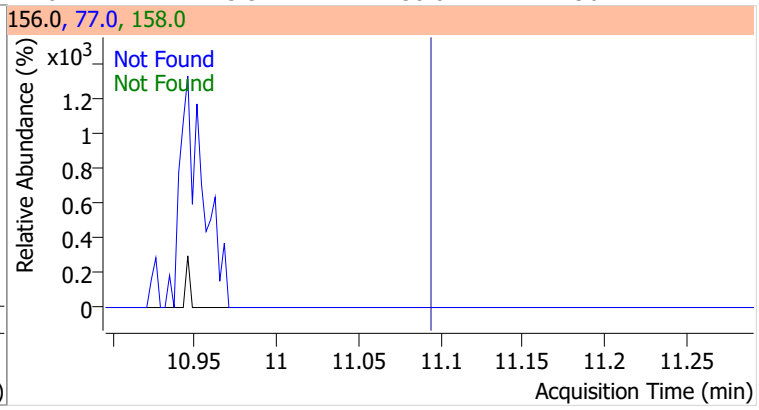




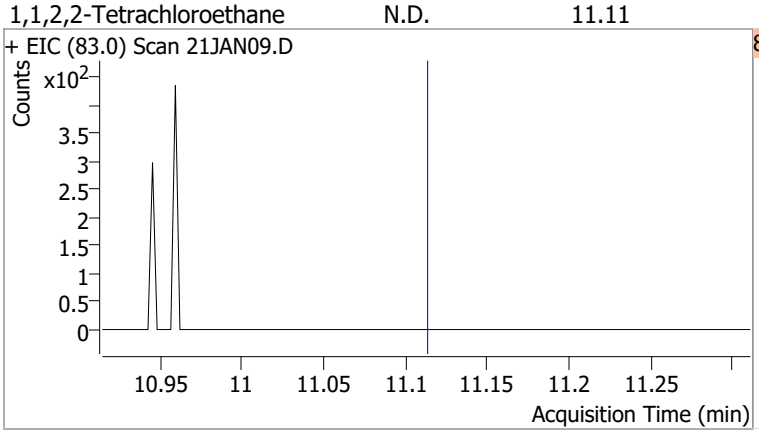


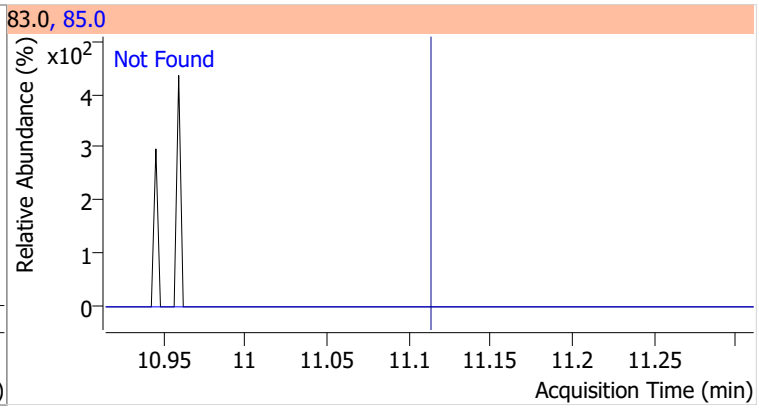
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



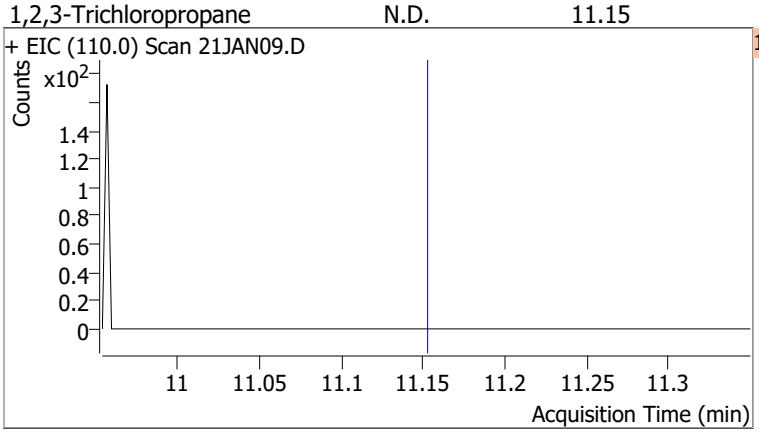


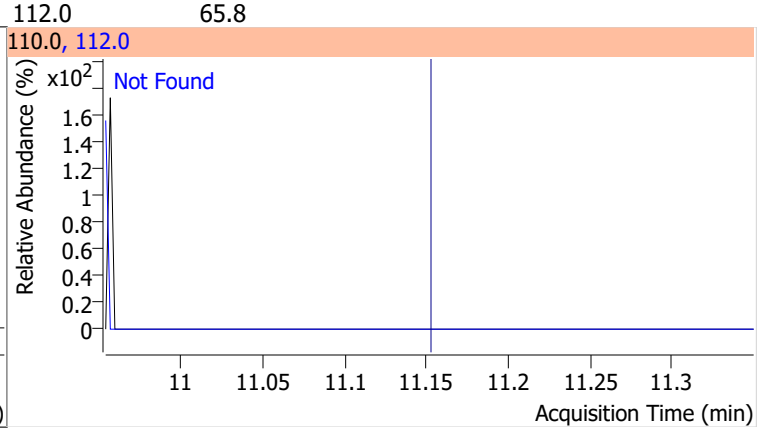
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



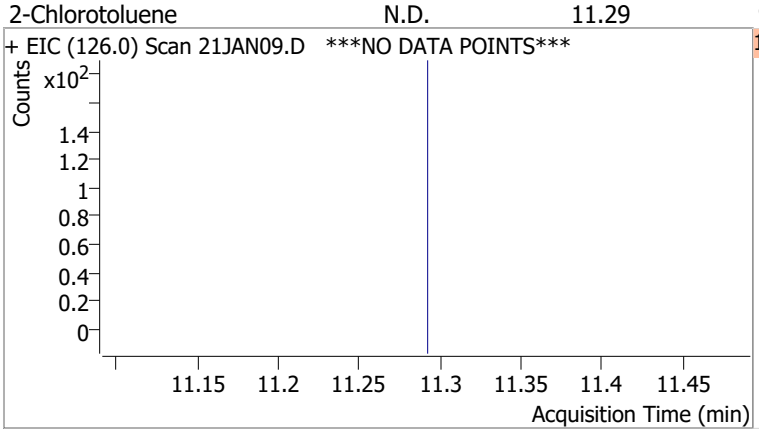


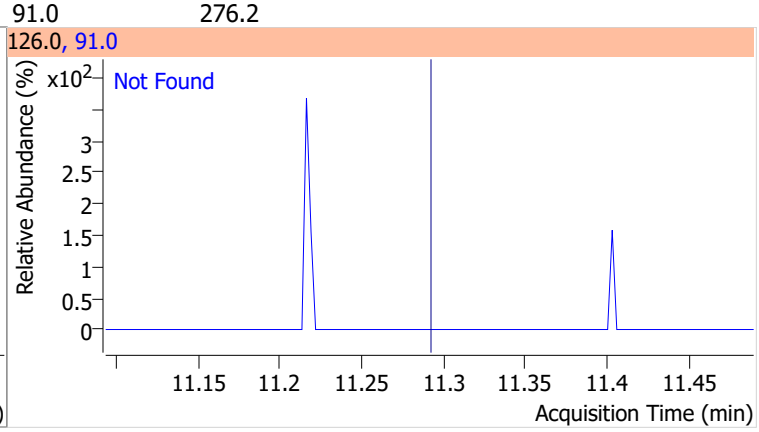
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



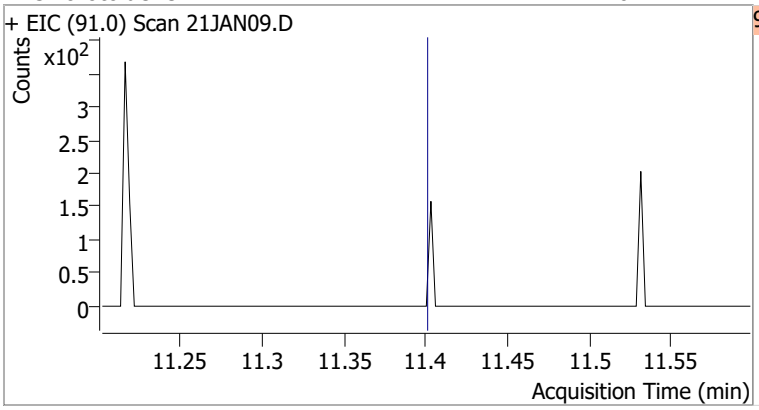


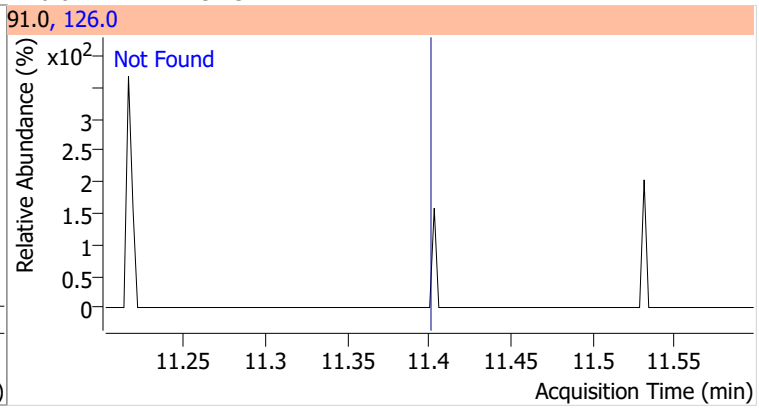
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



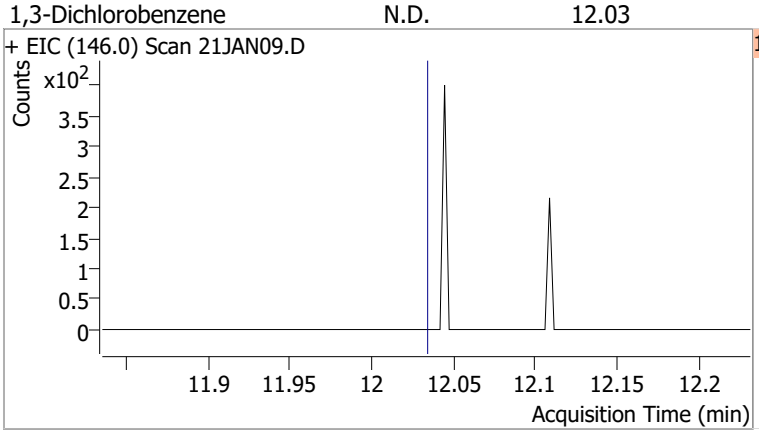


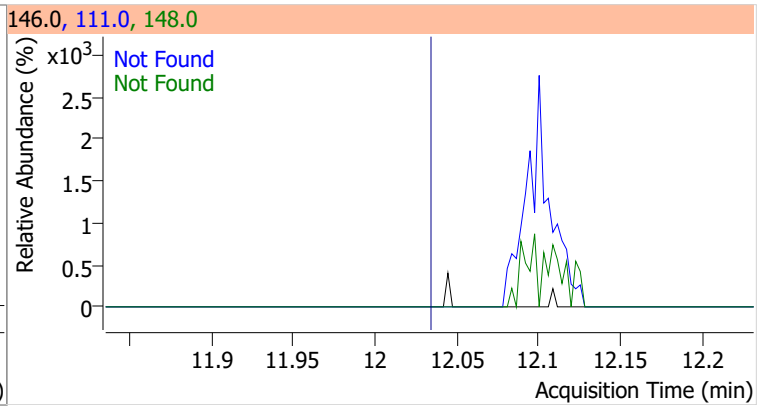
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



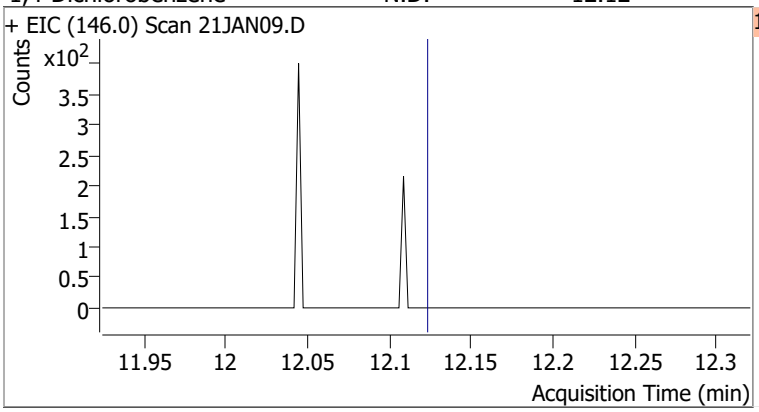


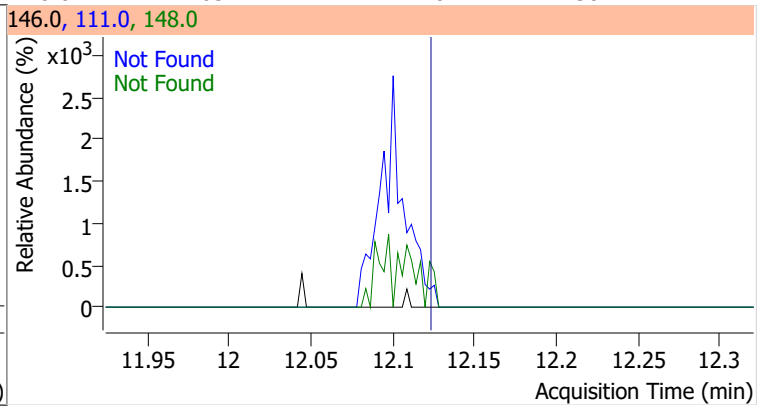
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



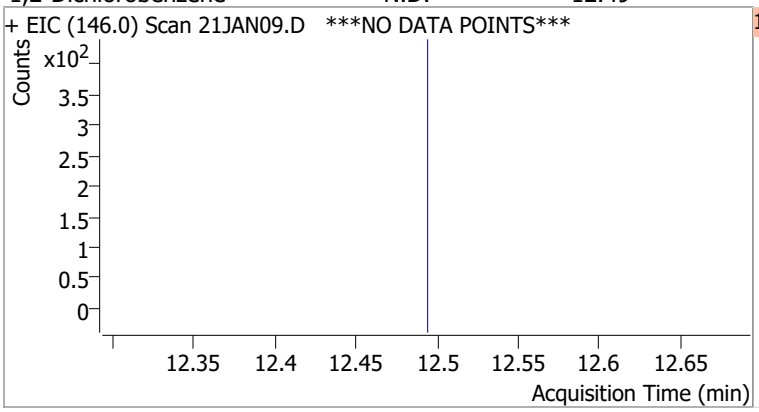


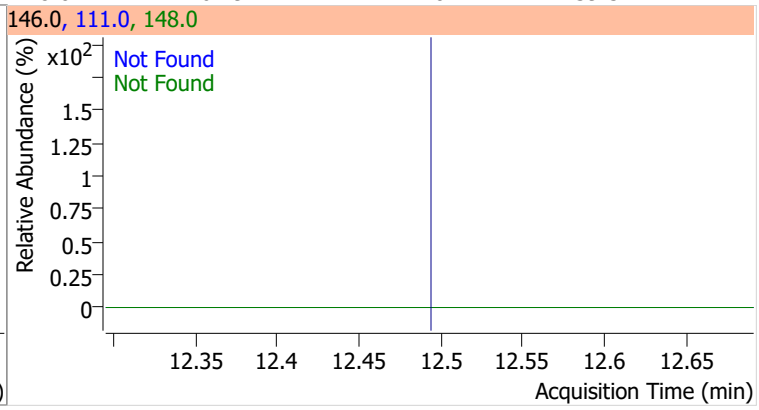
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





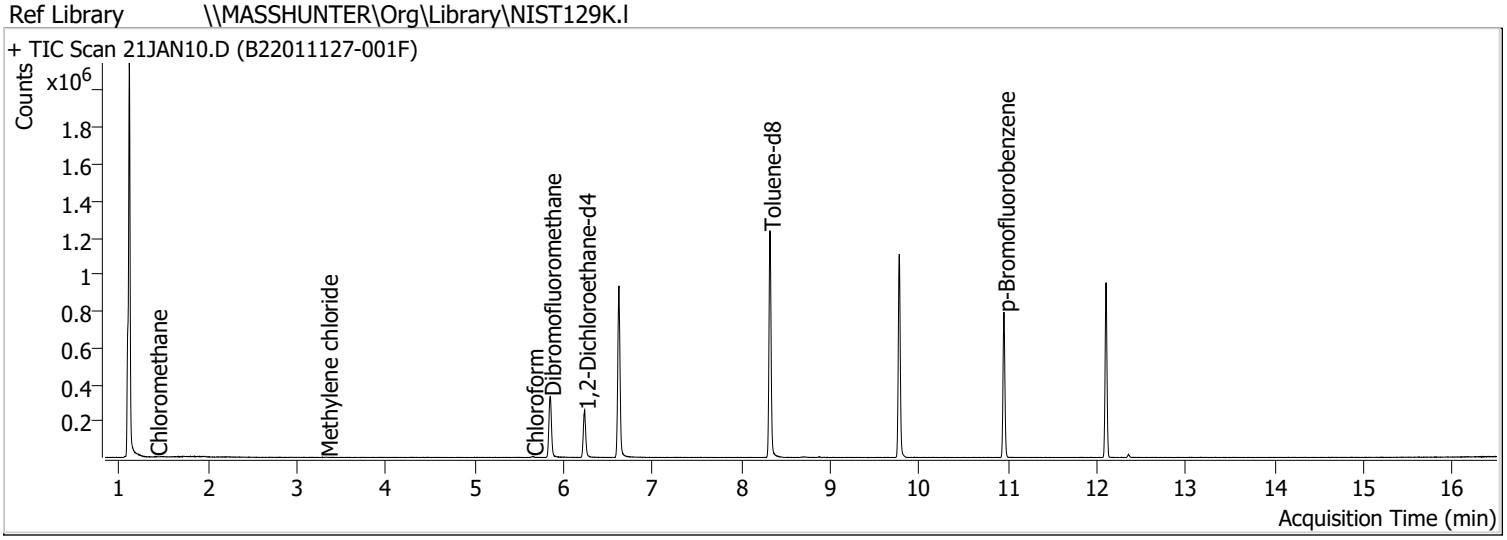
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN10.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 1:53:05 PM
Sample Name	B22011127-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

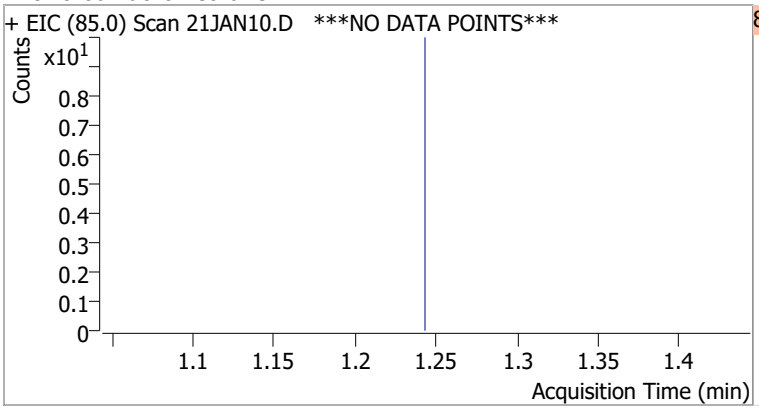


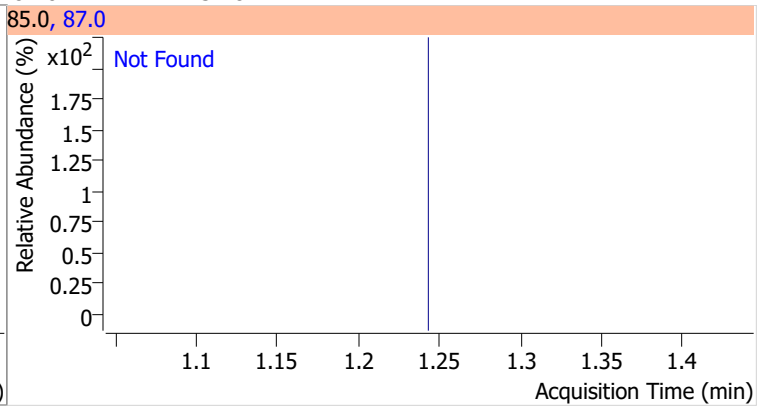
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	773983	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	306189	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	230825	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	204278	272.4920	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.00%			
S 1,2-Dichloroethane-d4	6.236	67.0	90746	280.2220	ng		0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 112.09%			
S Toluene-d8	8.319	98.0	768419	257.2399	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 102.90%			
S p-Bromofluorobenzene	10.951	95.0	224774	263.7389	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.50%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.414	50.0	1821	1.4864	ng	m	95
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.335	49.0	796	0.7037	ng	m	78
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.647	83.0	4184	2.7852	ng		93

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	6.283	78.0	0		ng	md	1
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.			

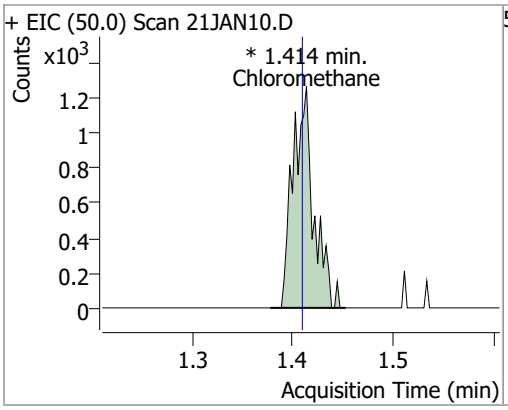
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

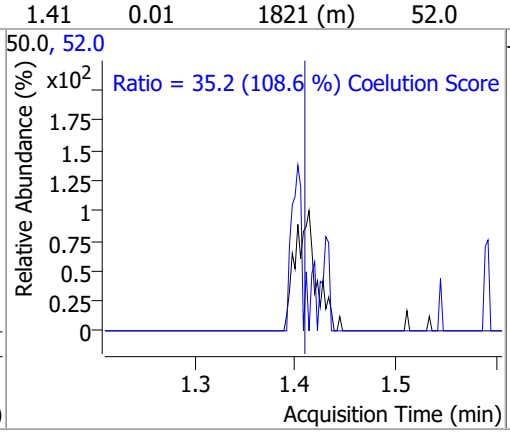
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

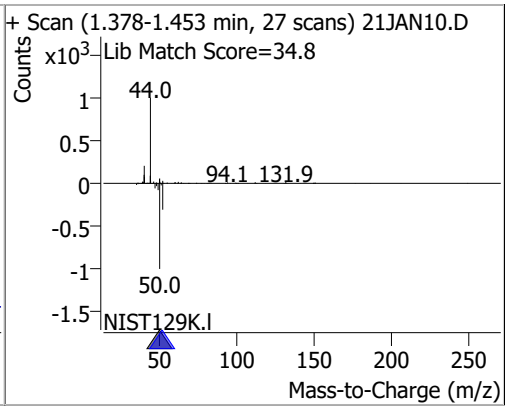




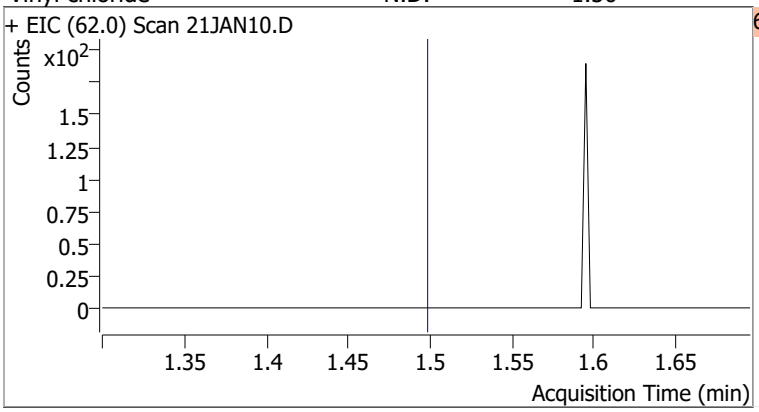
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.4864	1.41	0.01	1821 (m)	52.0	35.2	2.4	62.4

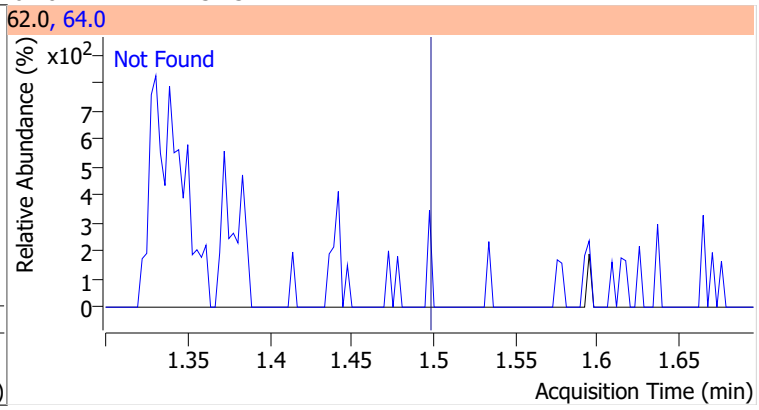




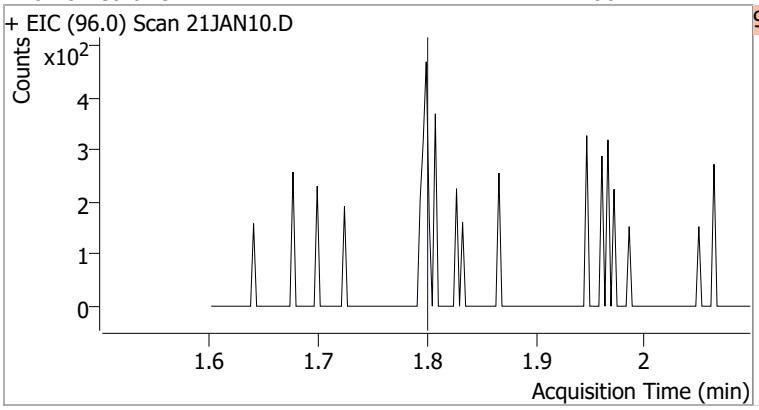


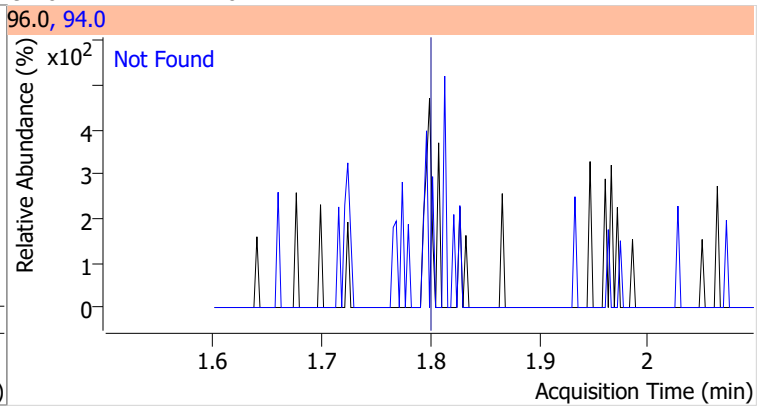
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



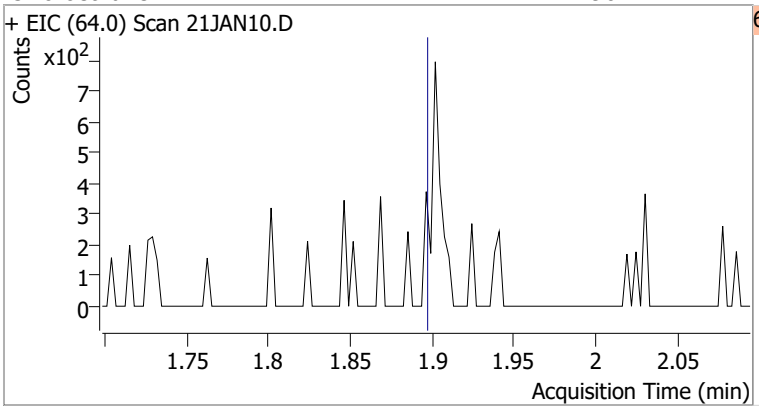


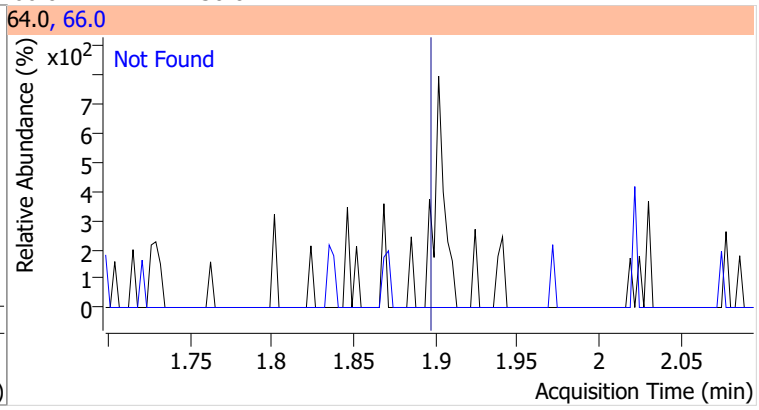
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



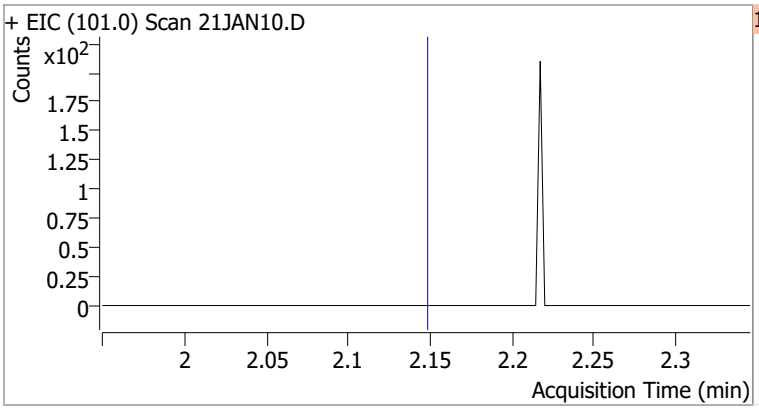


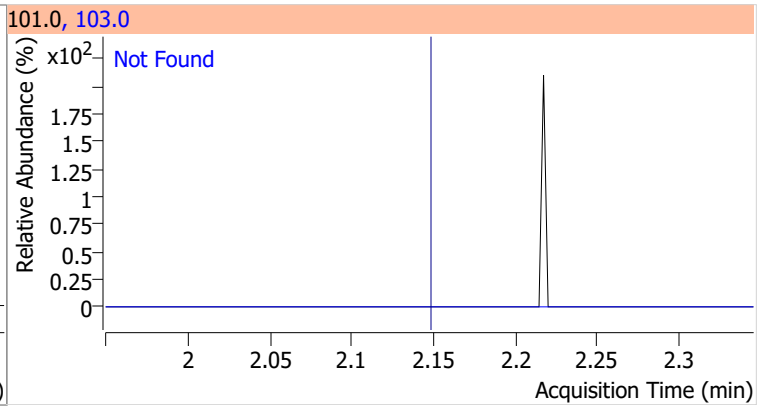
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



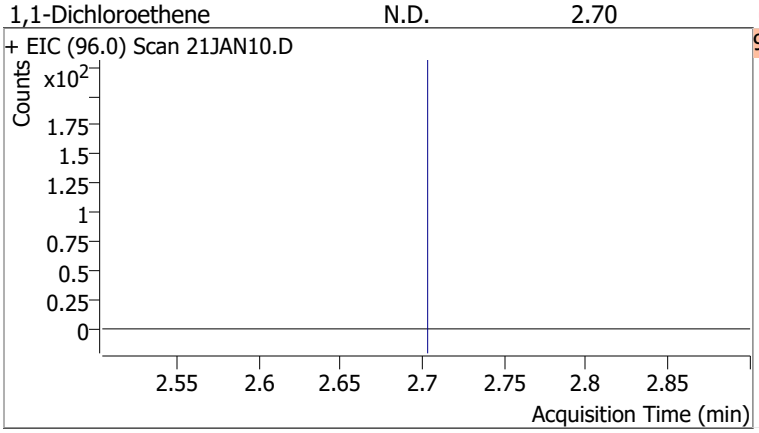


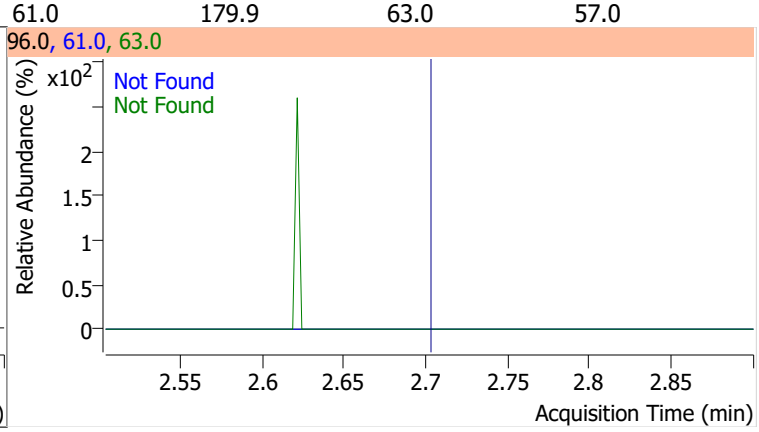
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



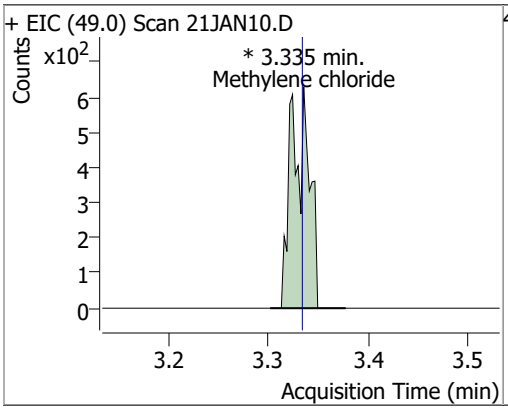


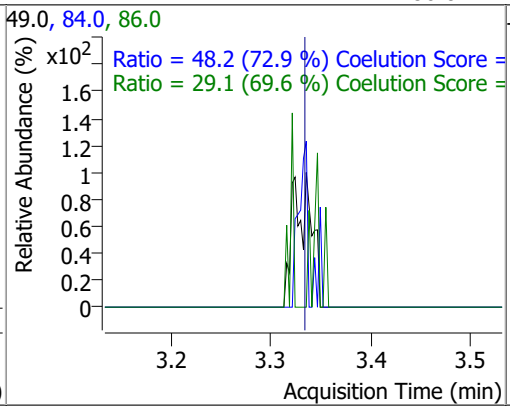
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

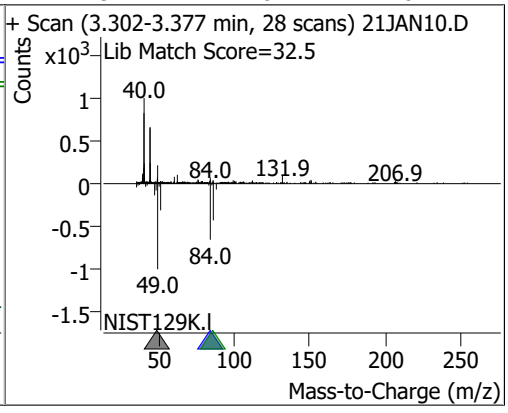




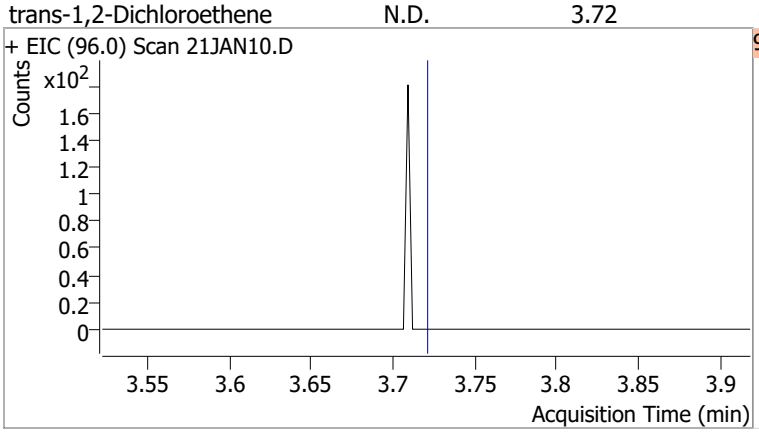
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.7037	3.34	0.00	796 (m)	84.0	48.2	36.1	96.1
					86.0	29.1	11.8	71.8

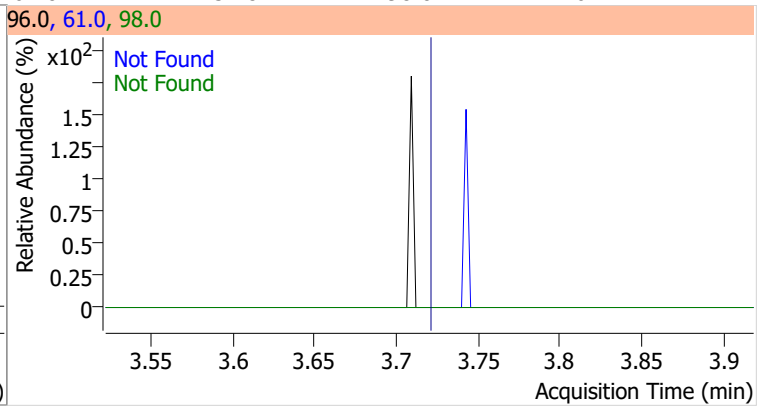




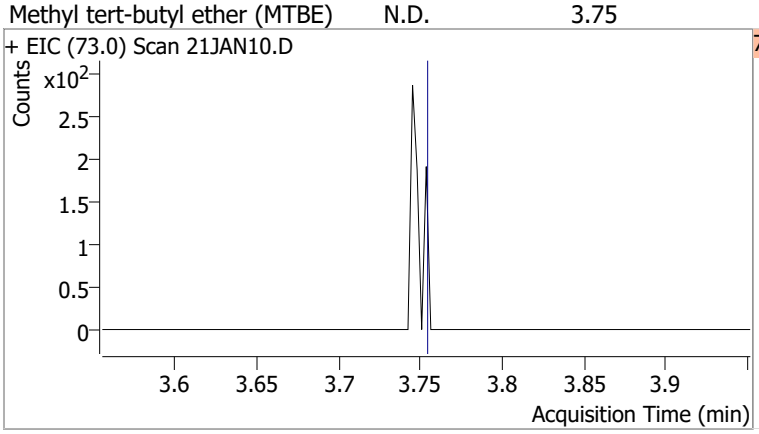


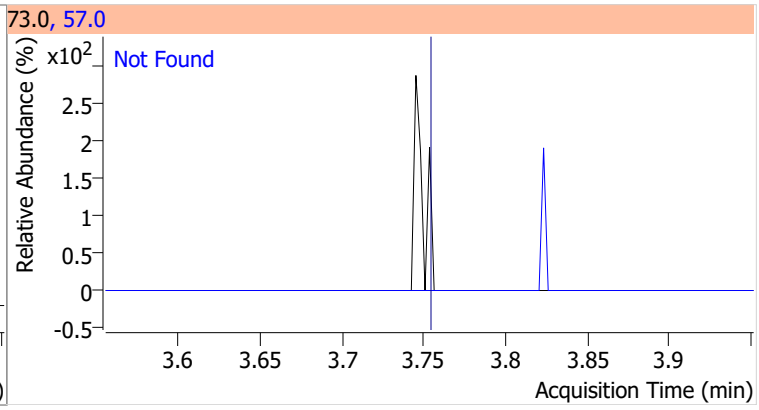
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



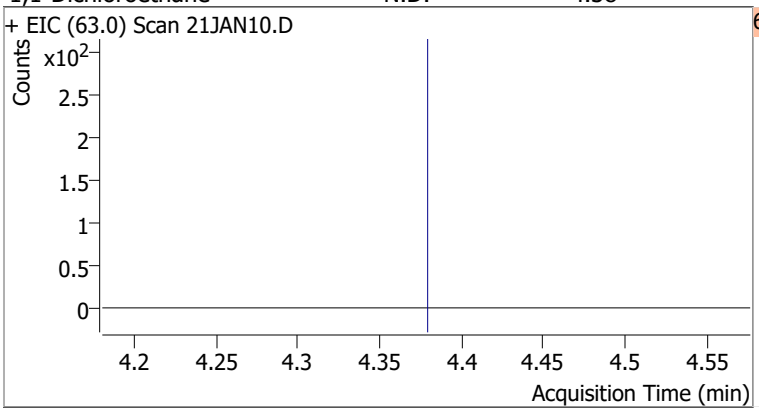


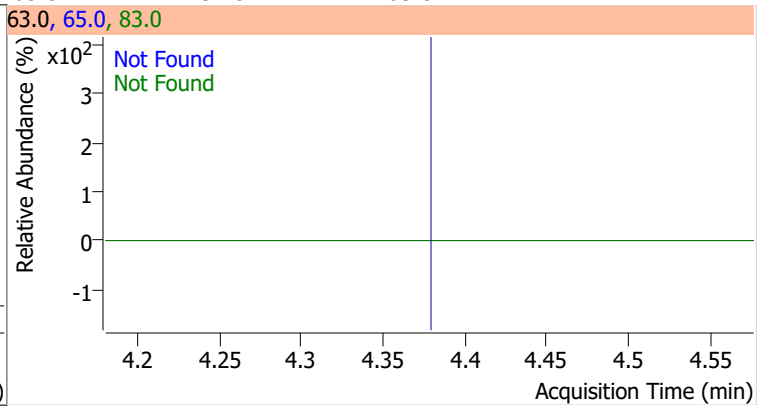
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



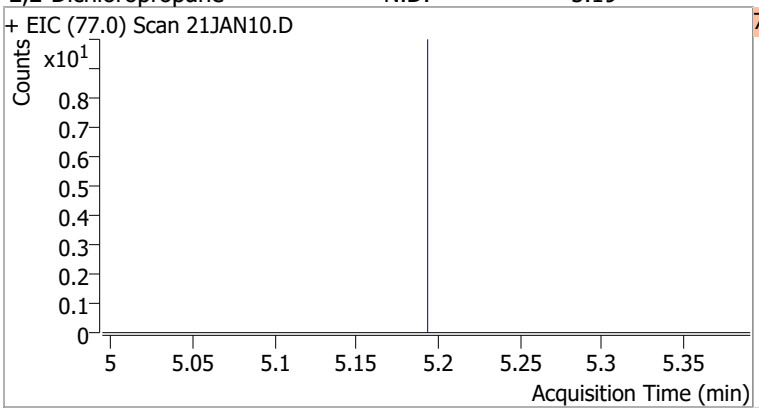


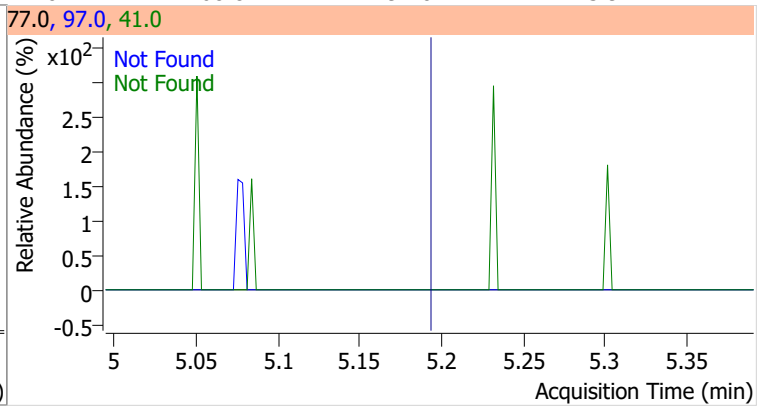
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



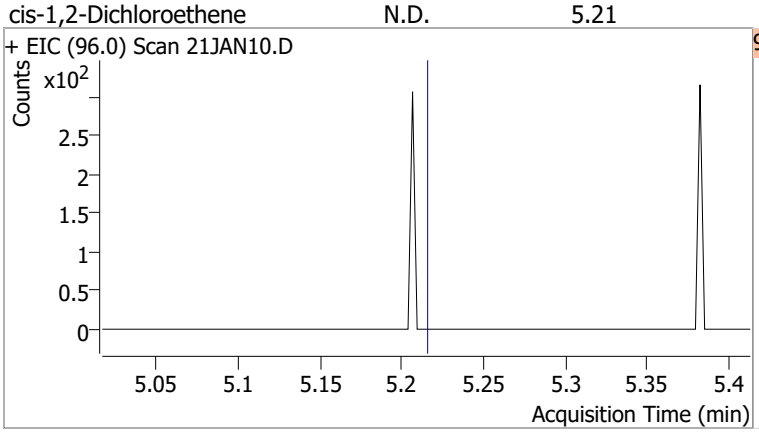


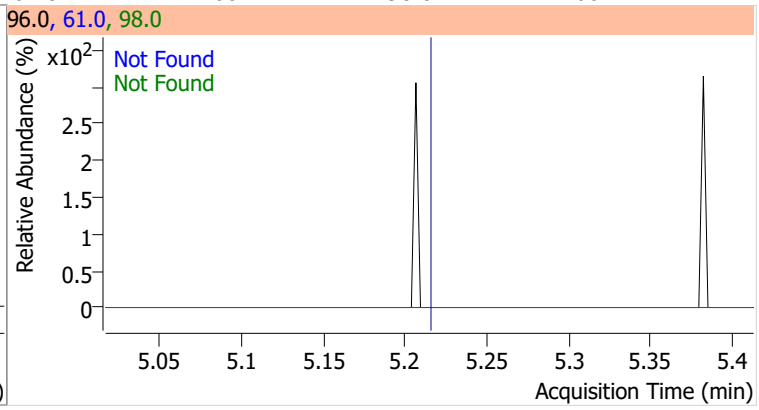
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



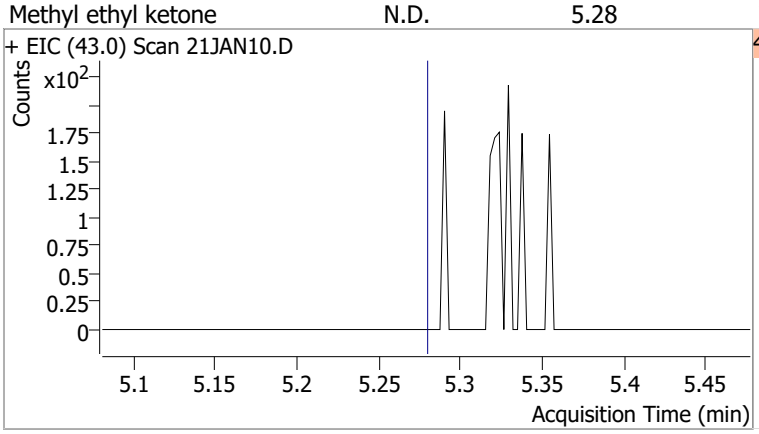


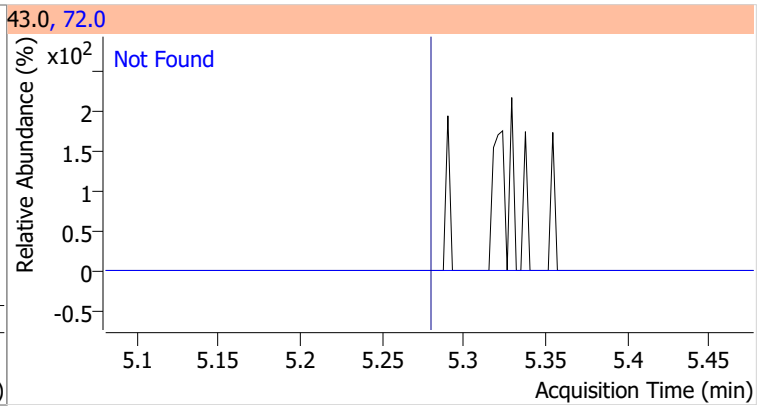
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



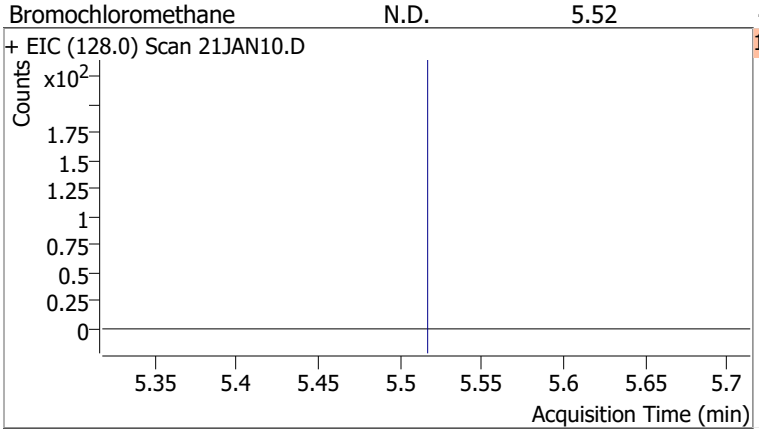


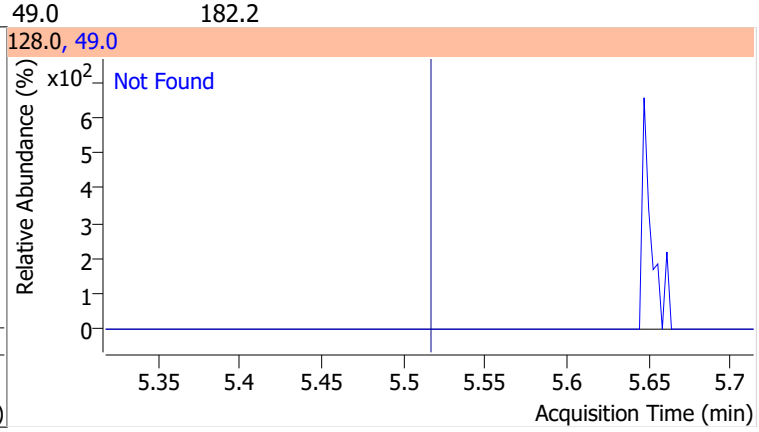
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



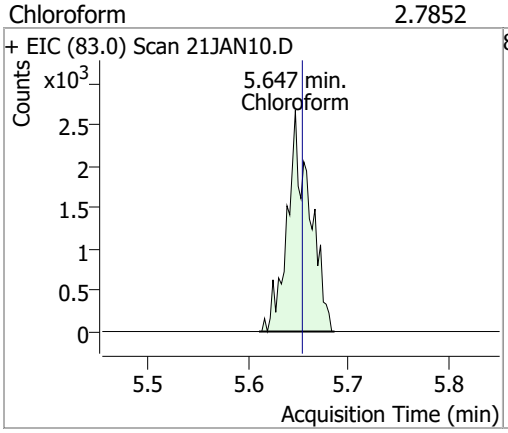


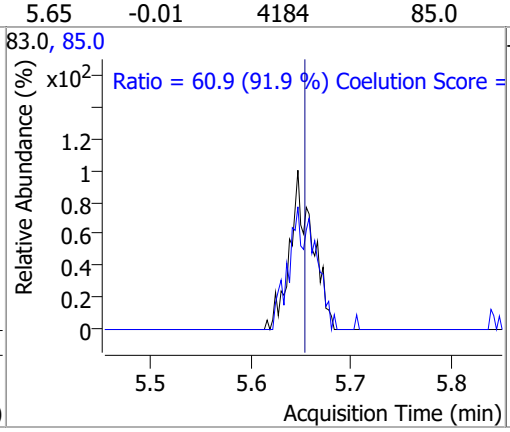
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

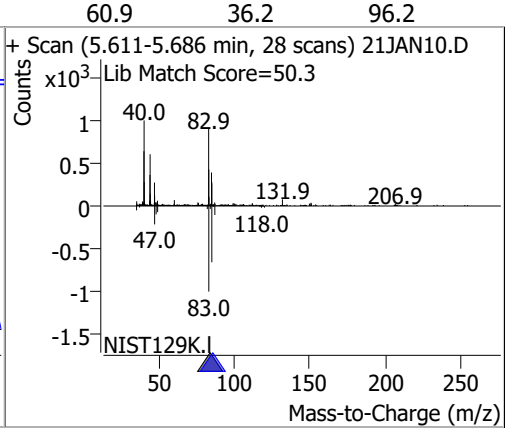




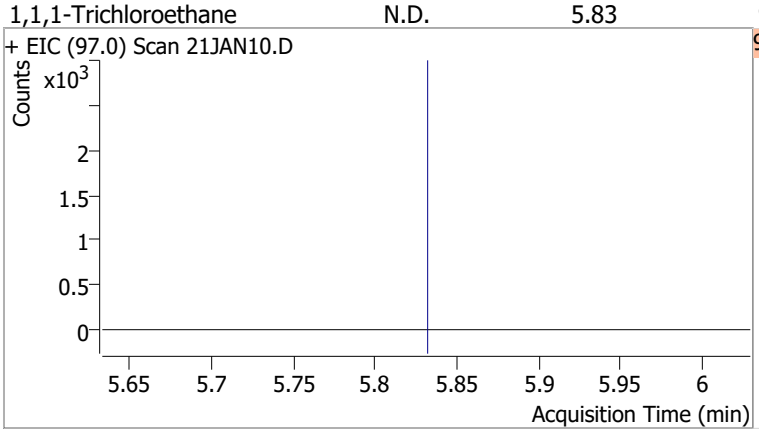
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	2.7852	5.65	-0.01	4184	85.0	60.9	36.2	96.2

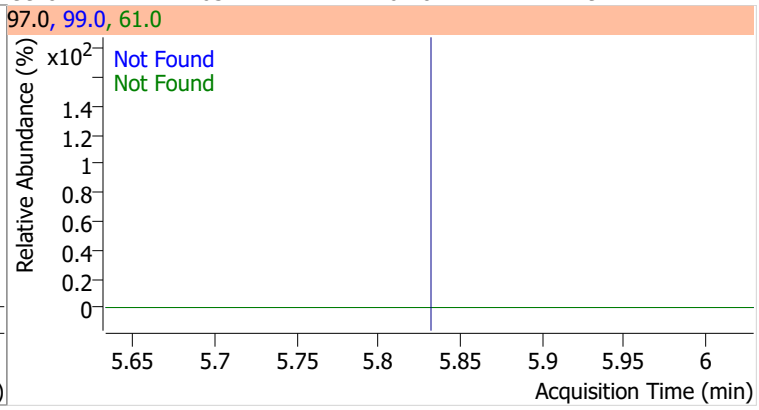




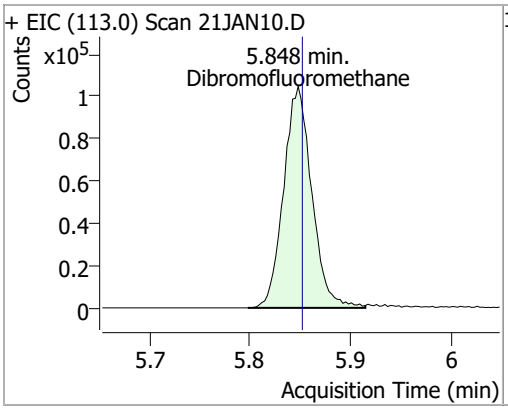


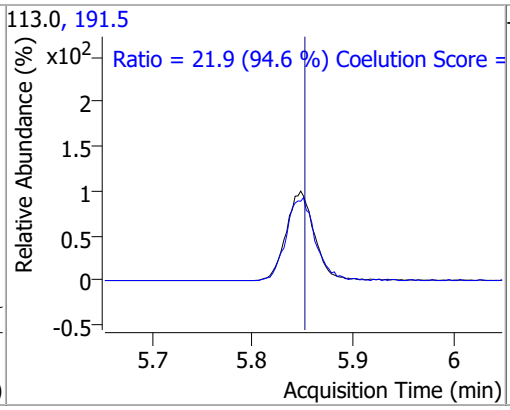
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

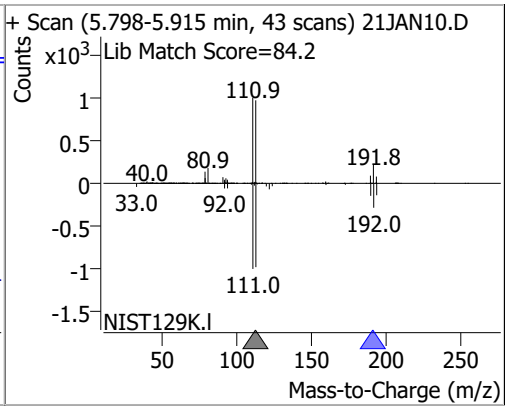




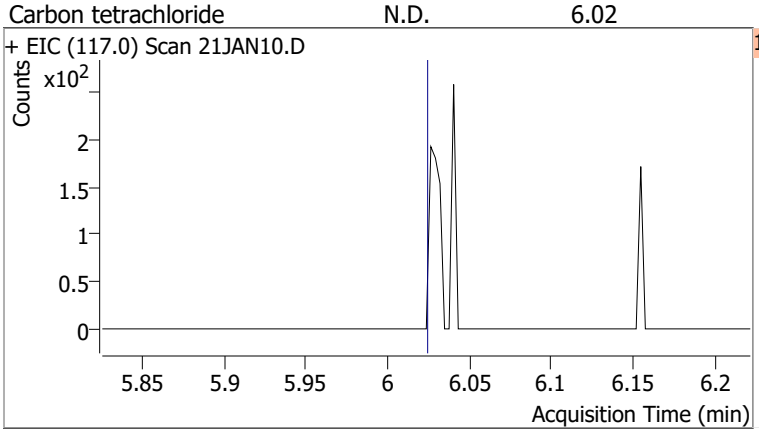
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	272.4920	5.85	0.00	204278	191.5	21.9	0.0	53.2

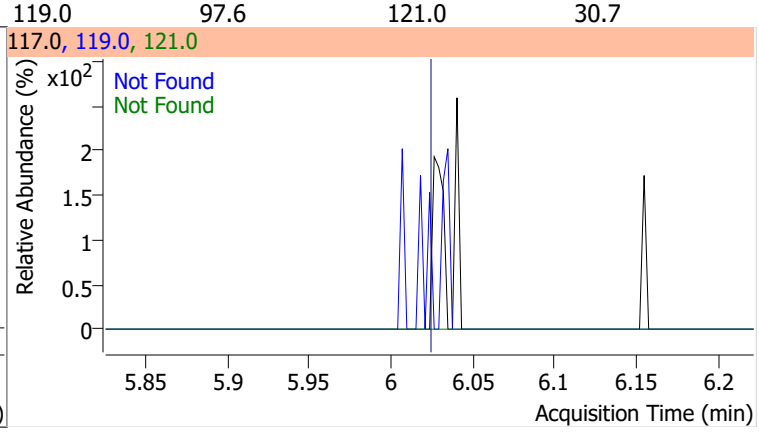




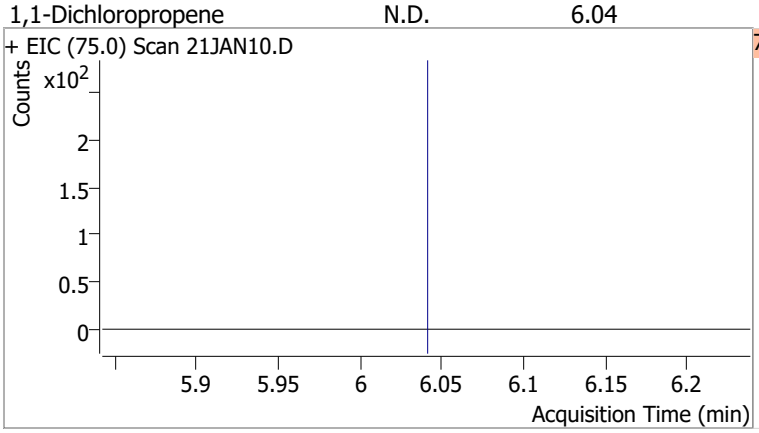


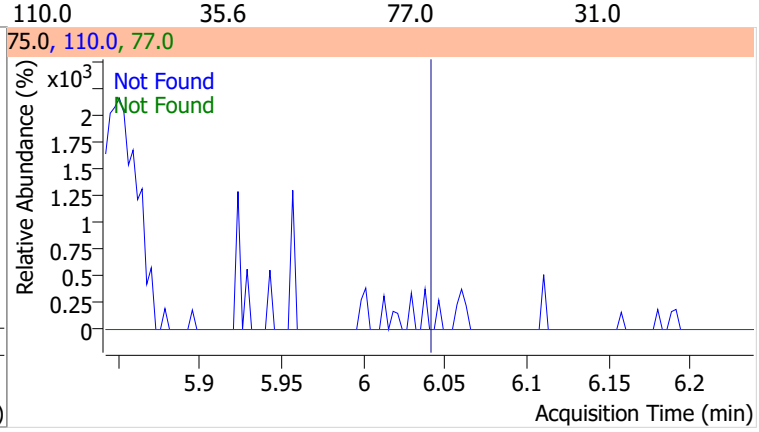
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



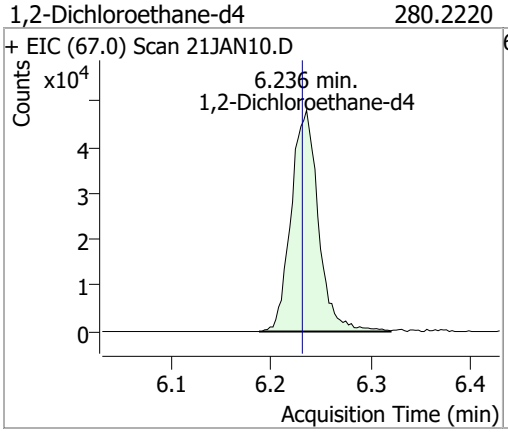


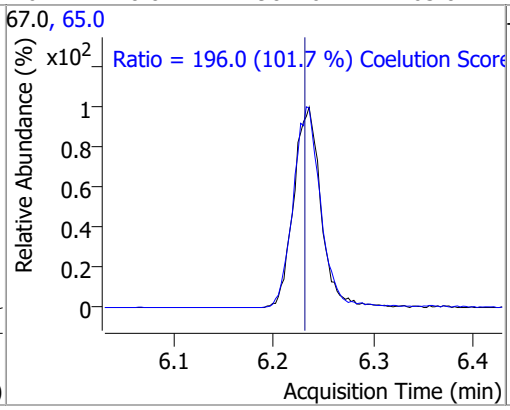
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

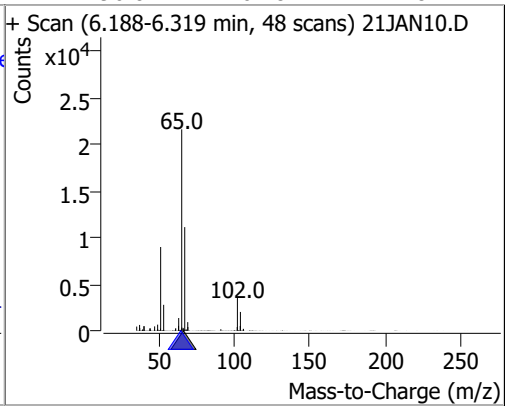




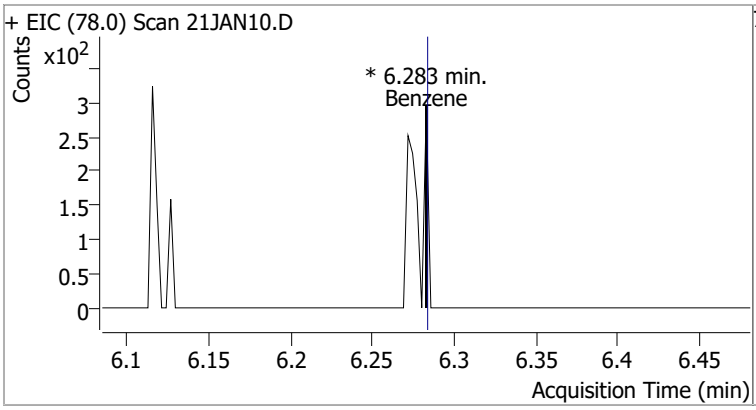
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	280.2220	6.24	0.01	90746	65.0	196.0	162.8	222.8

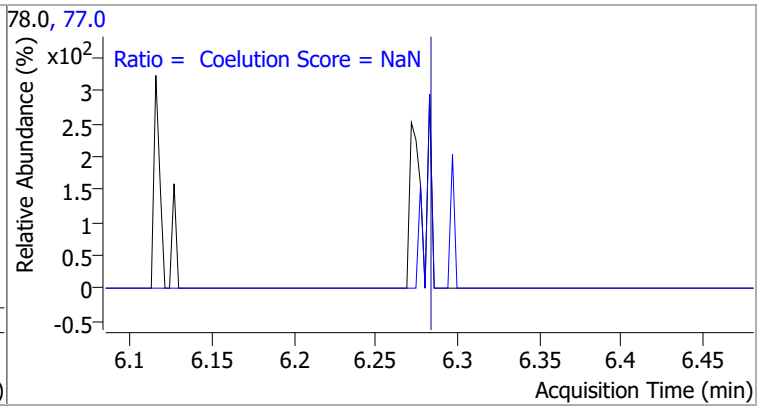




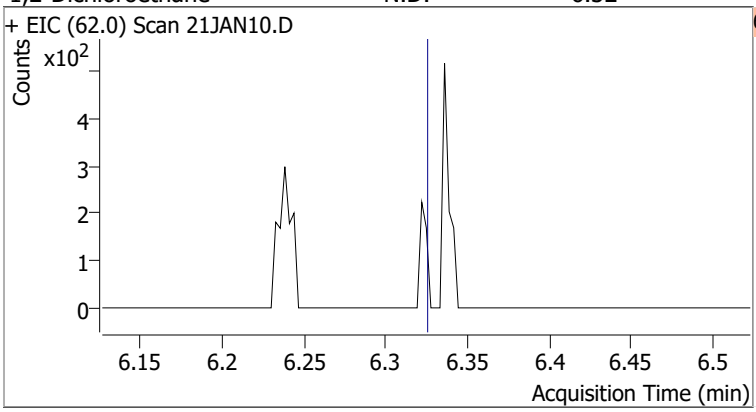


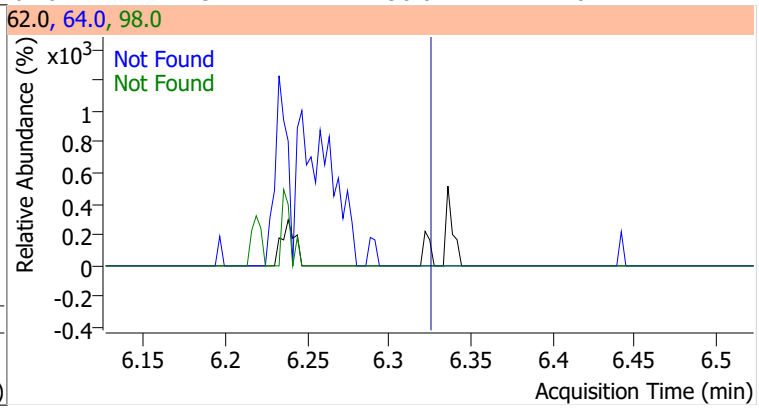
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene		0		0	77.0		0.0	53.3



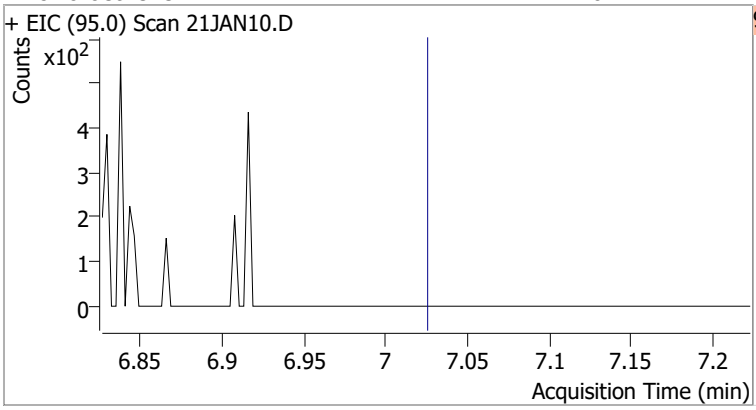


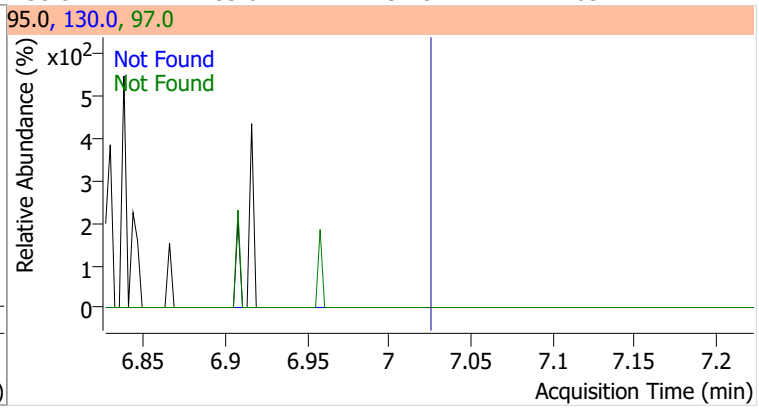
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



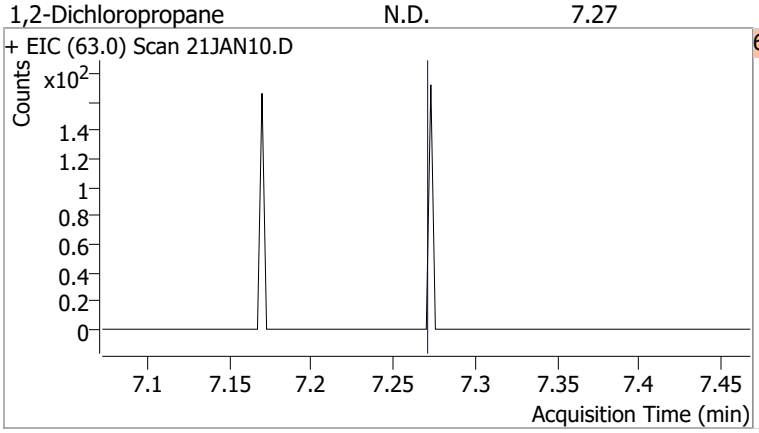


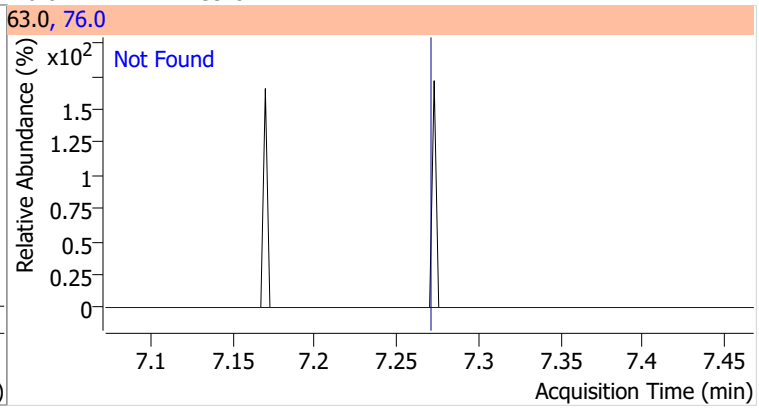
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



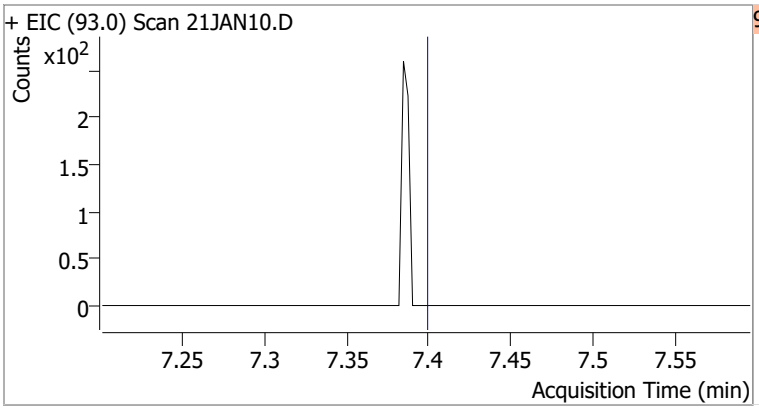


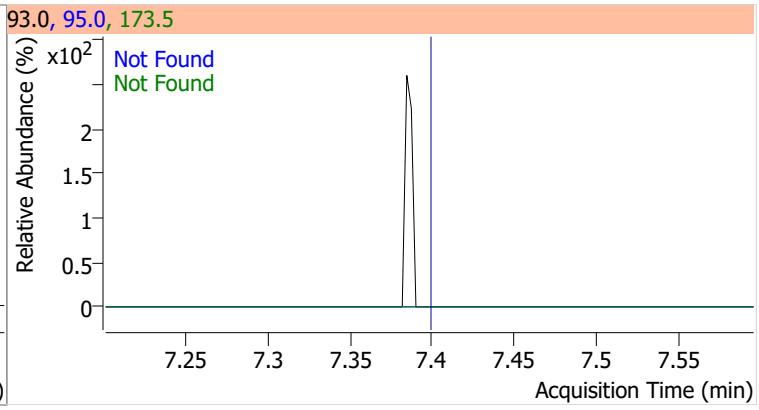
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



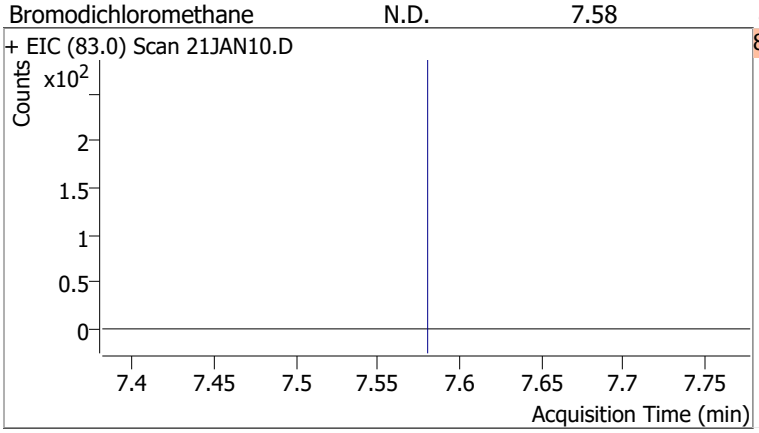


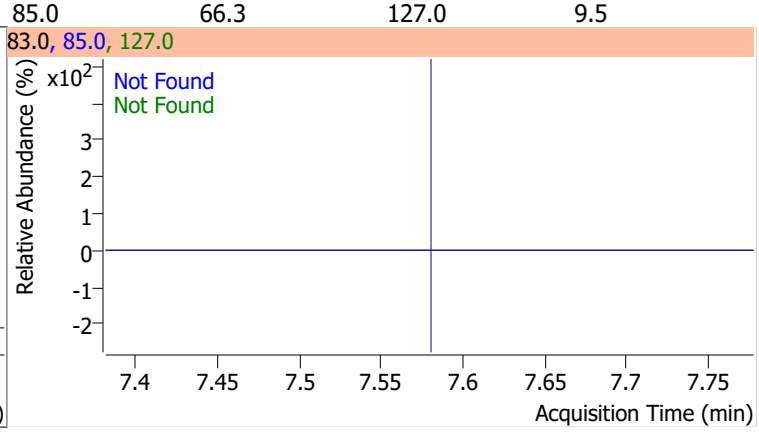
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



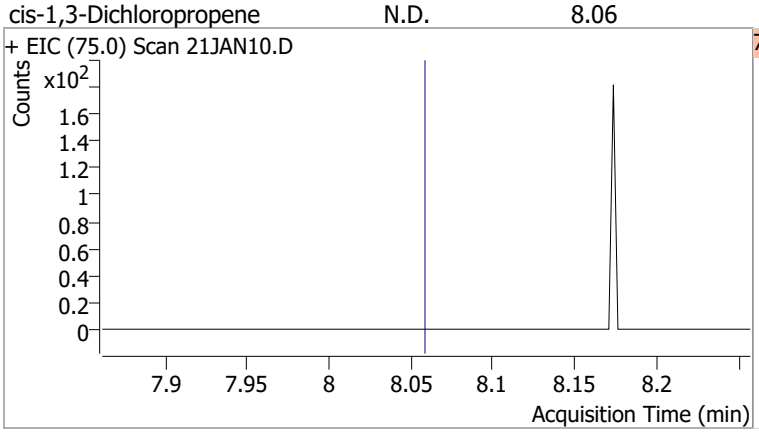


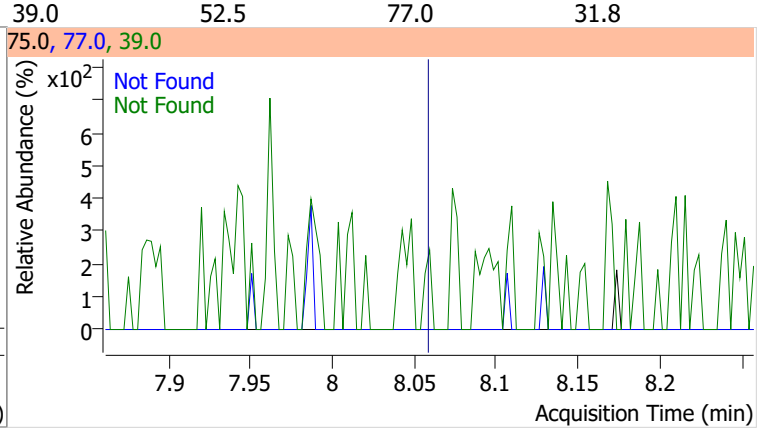
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



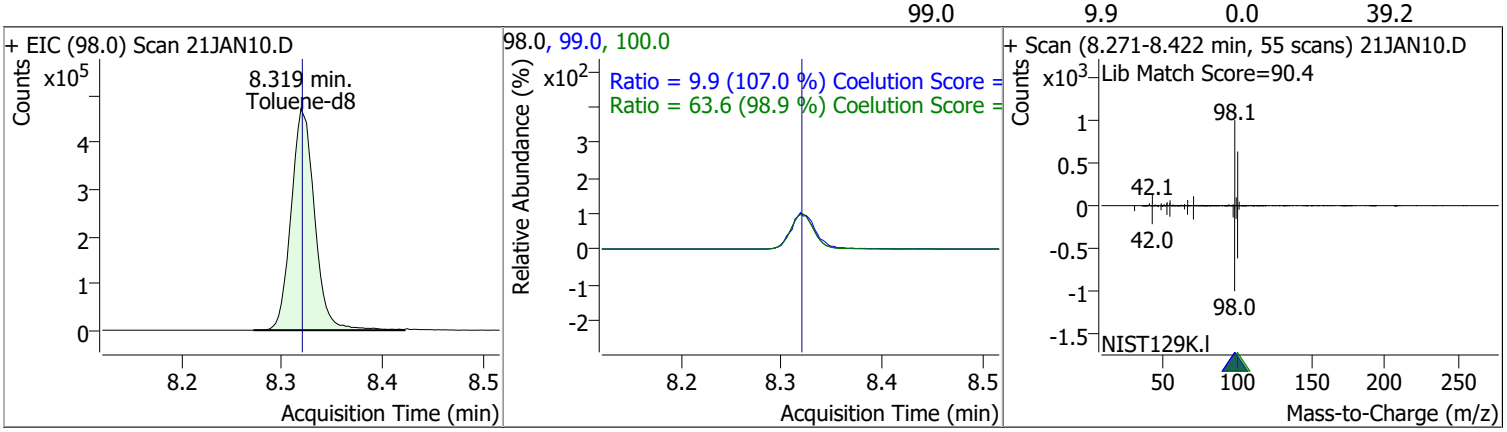


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

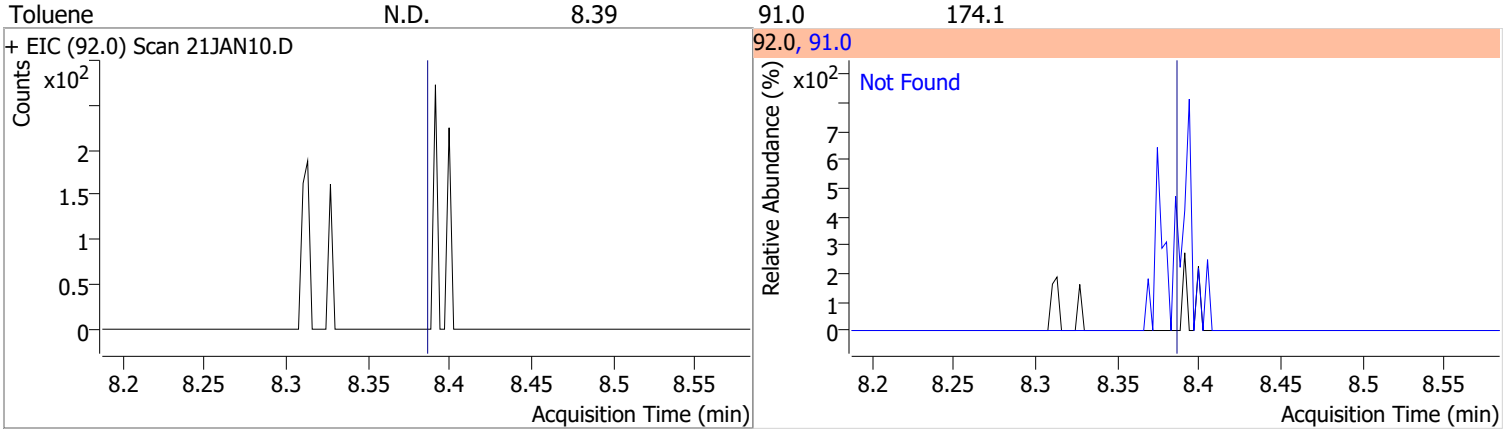




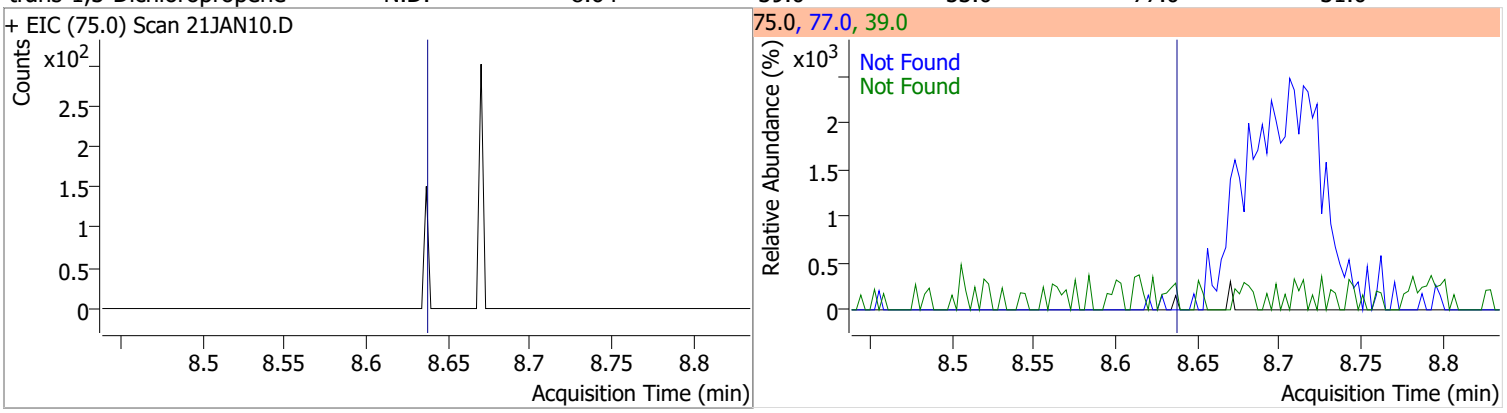
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	257.2399	8.32	0.00	768419	100.0	63.6	34.3	94.3
					99.0	9.9	0.0	39.2



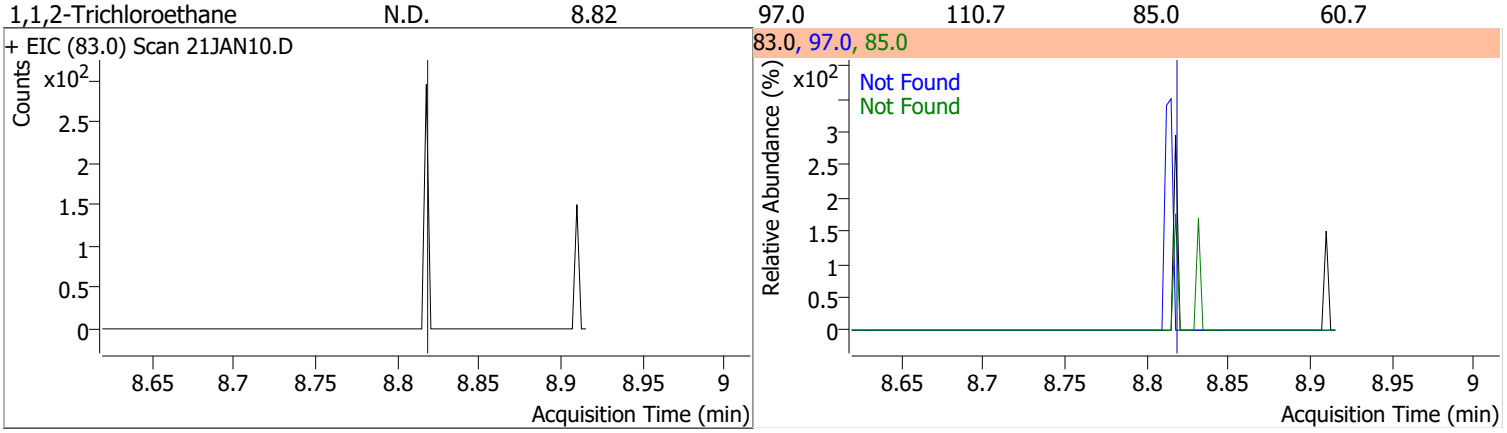
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	174.1



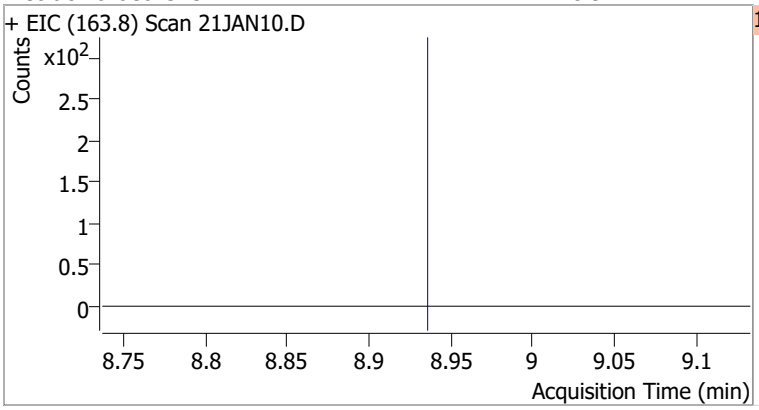
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0

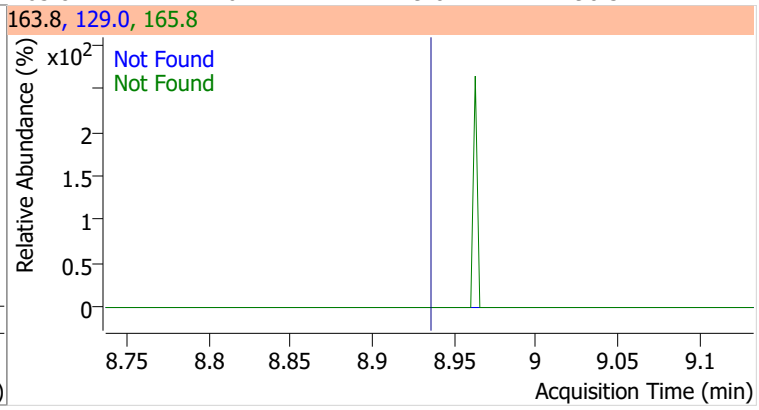


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7

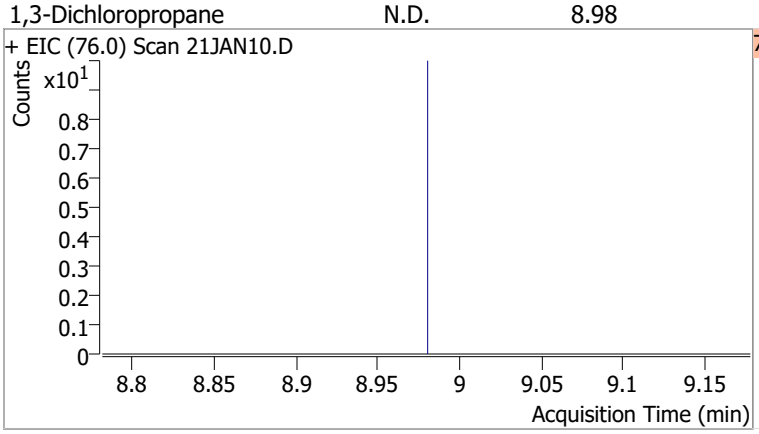


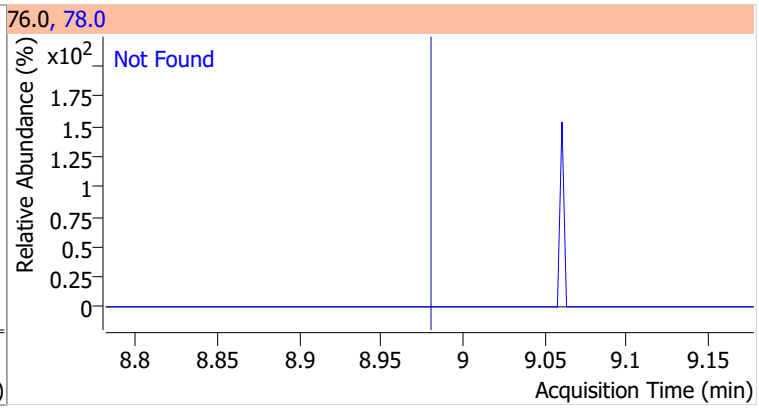
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



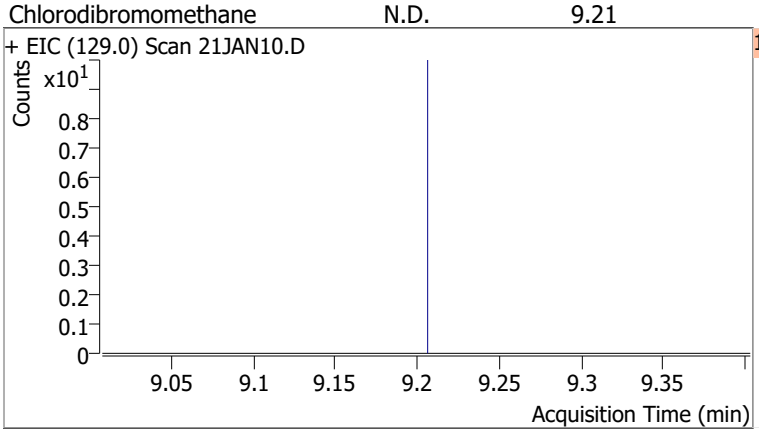


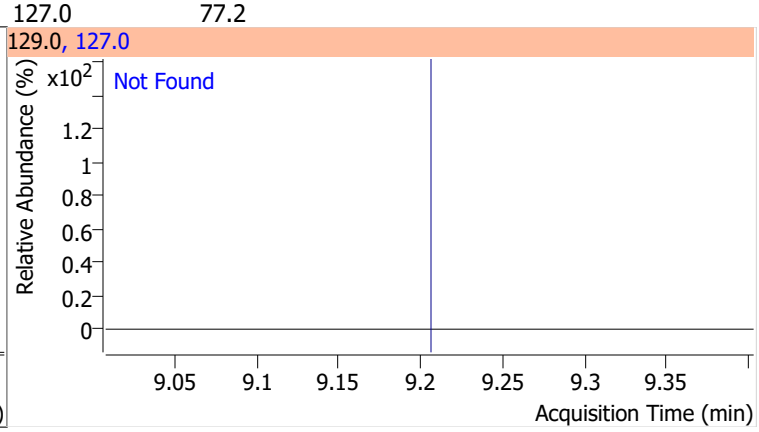
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



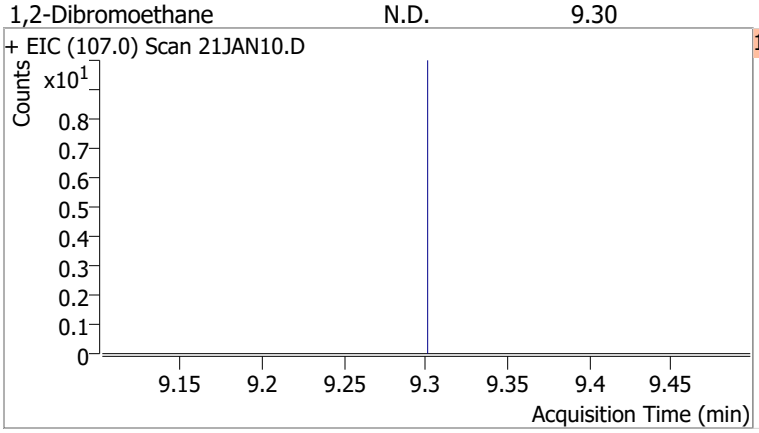


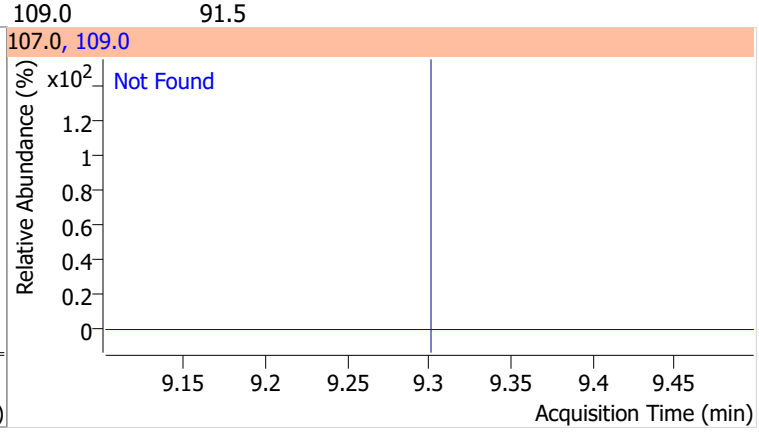
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



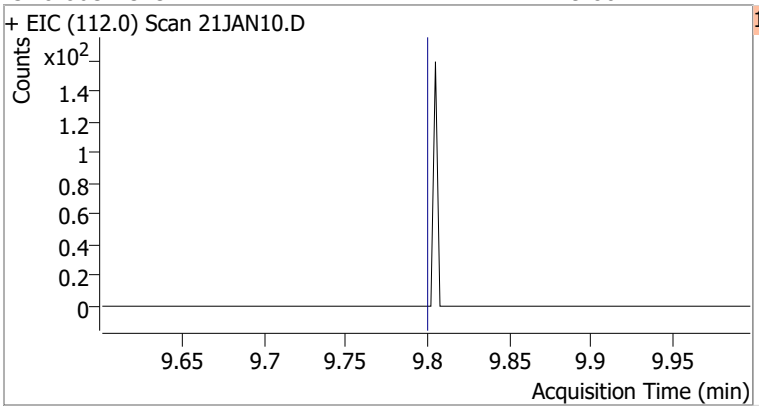


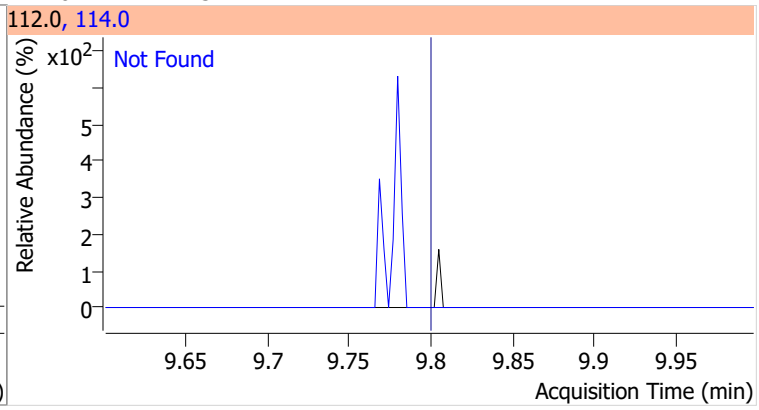
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



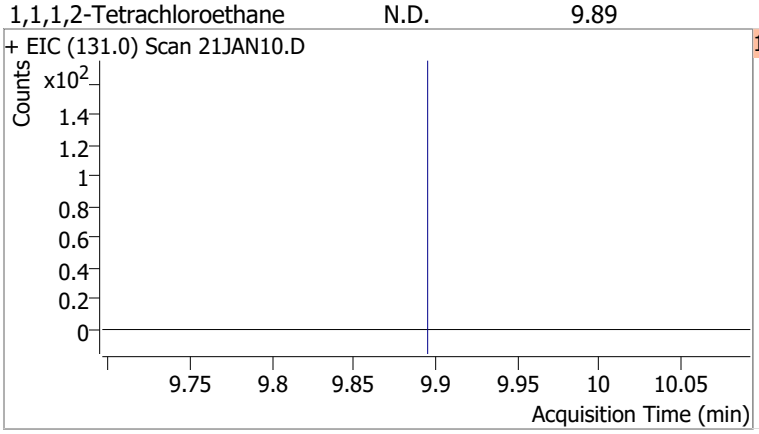


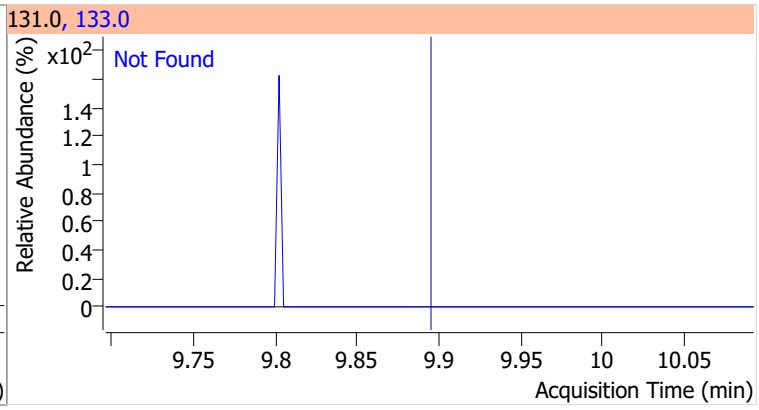
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



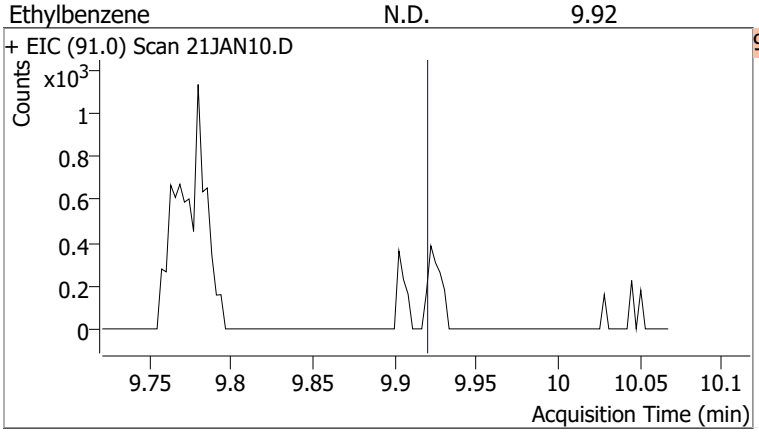


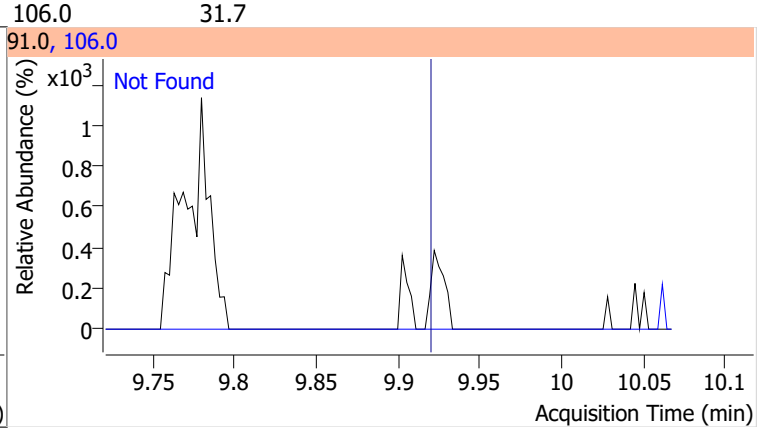
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



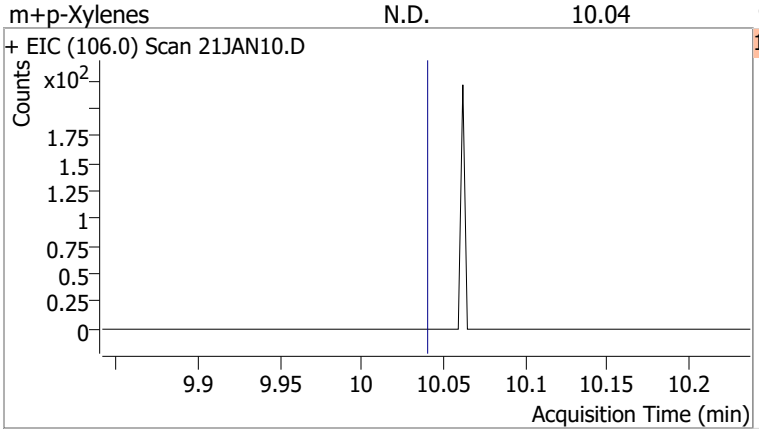


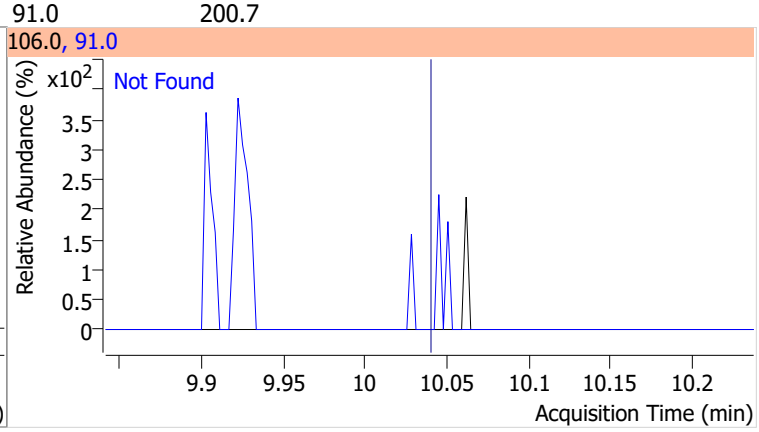
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



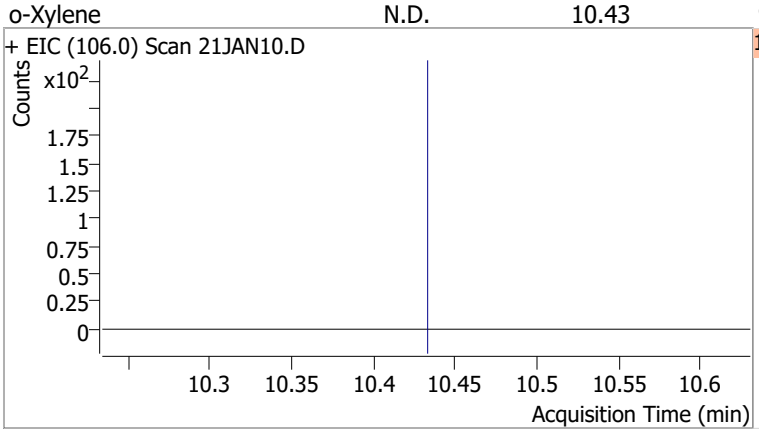


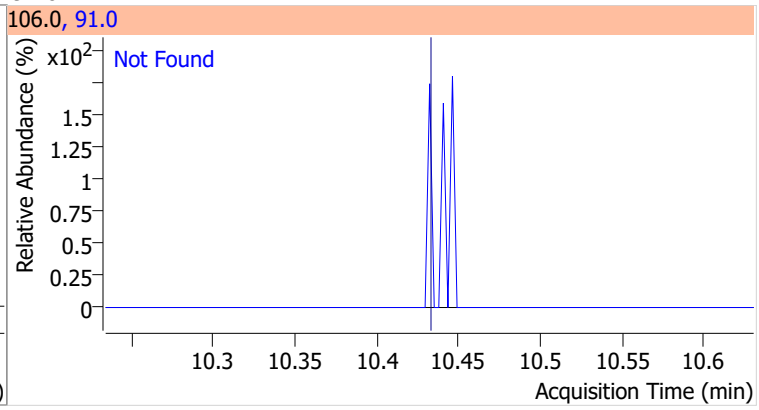
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



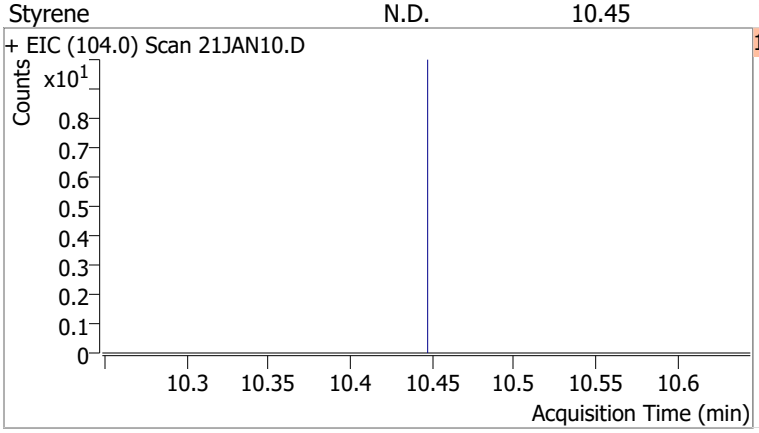


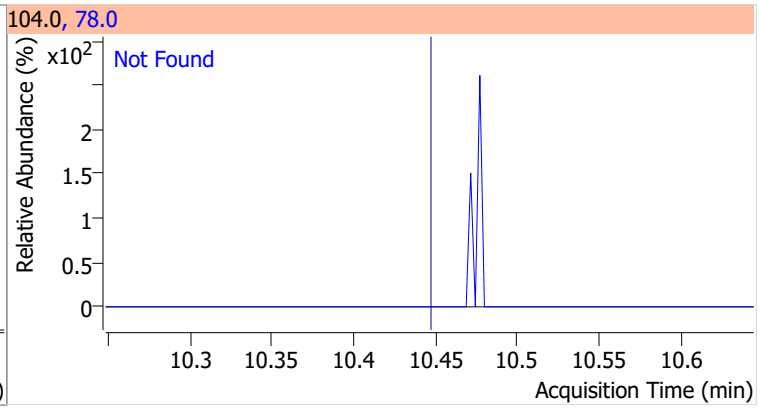
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



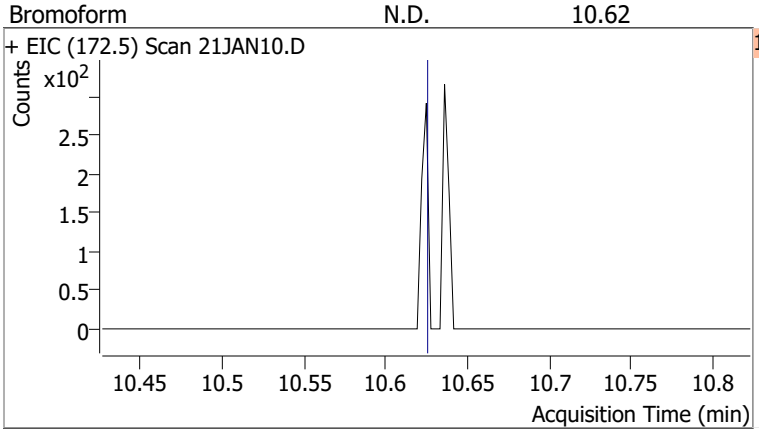


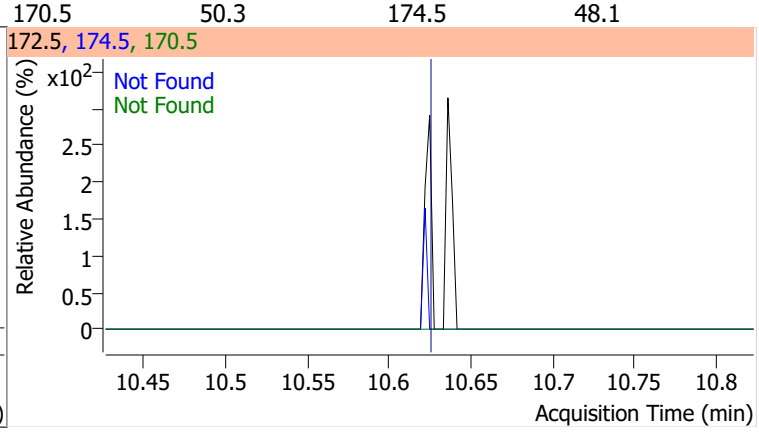
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



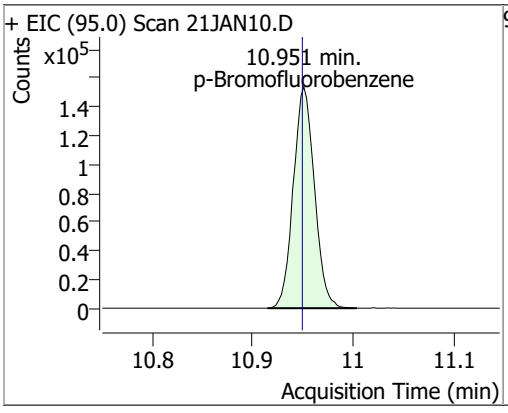


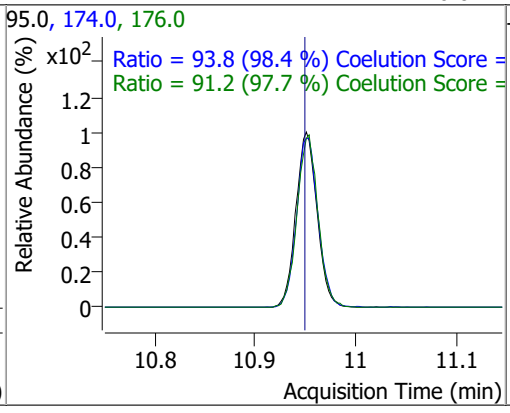
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

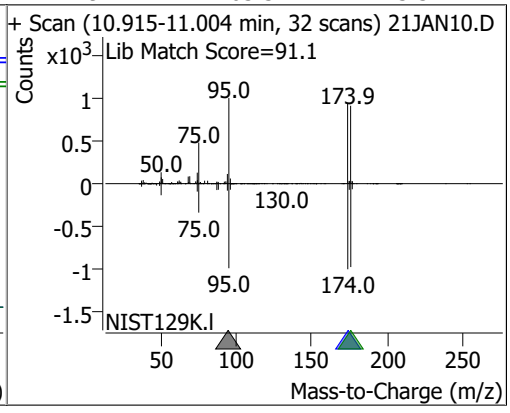




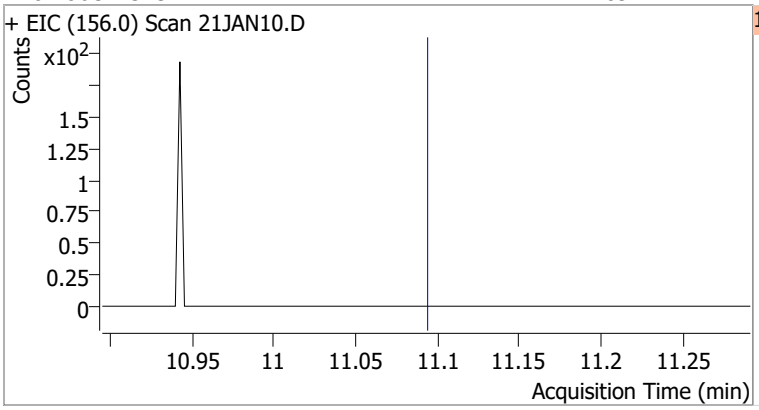
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.7389	10.95	0.00	224774	174.0	93.8	65.3	125.3
					176.0	91.2	63.3	123.3

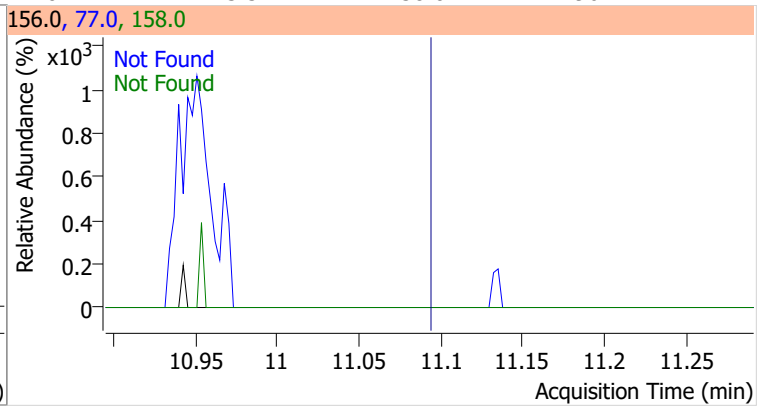




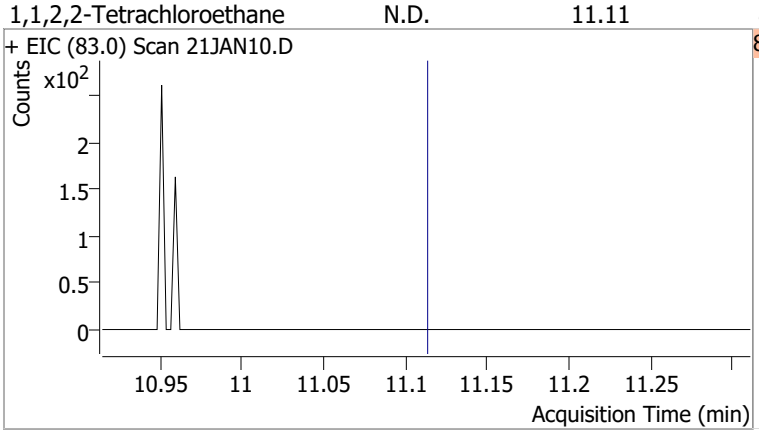


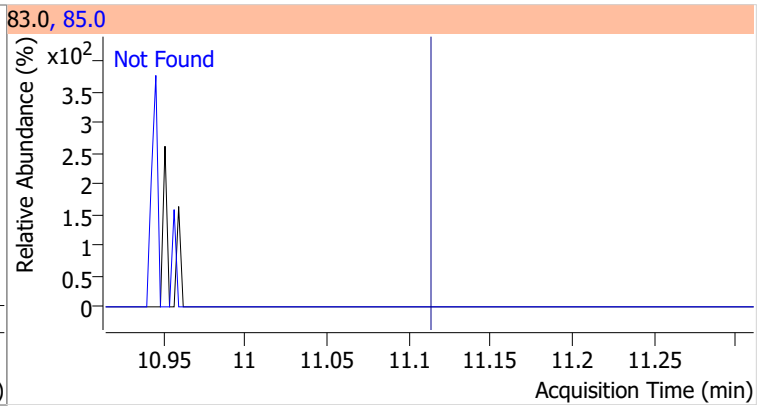
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



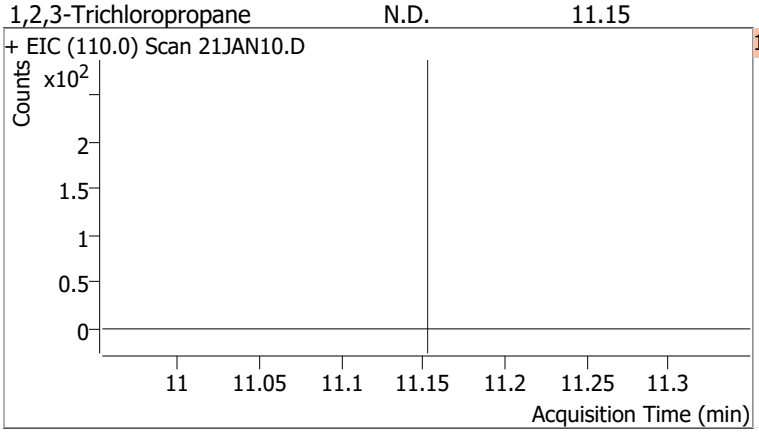


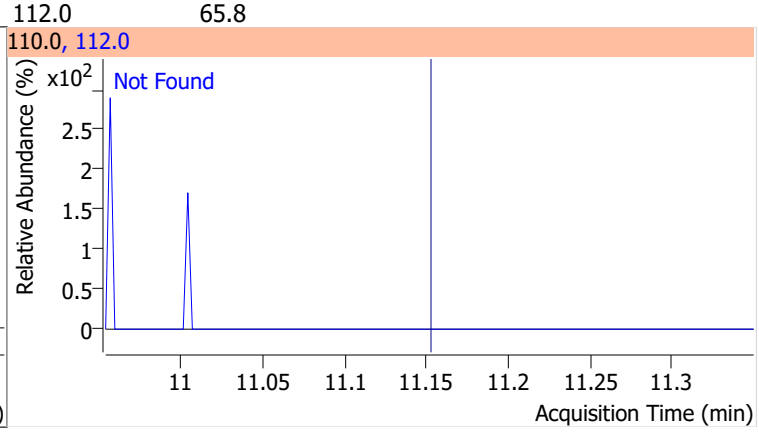
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



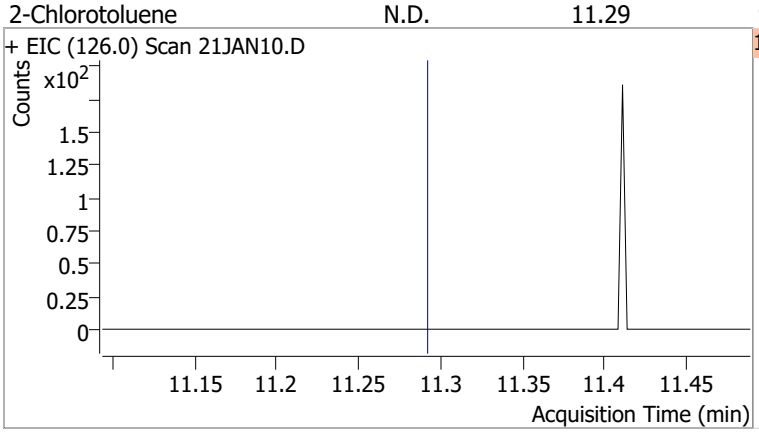


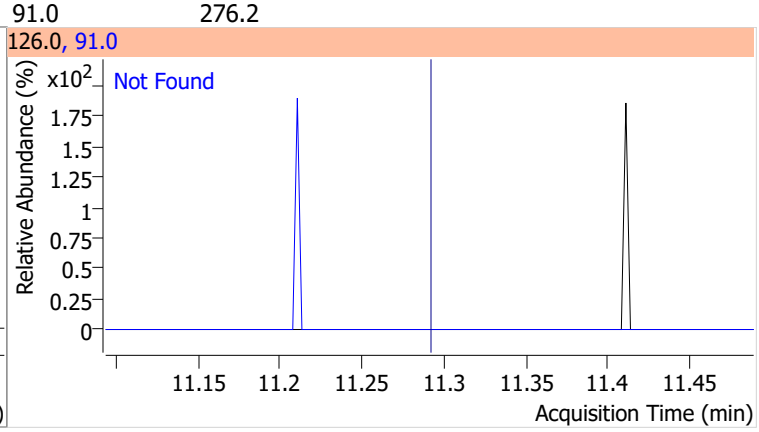
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



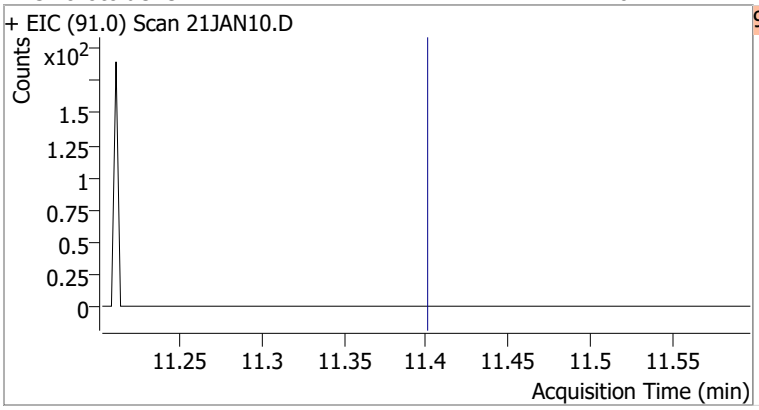


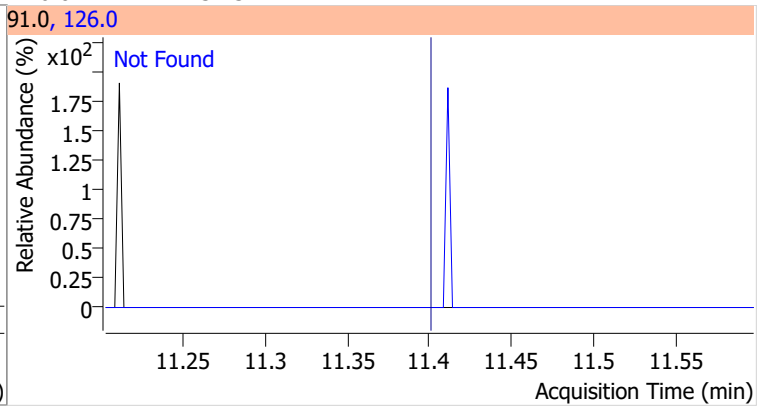
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



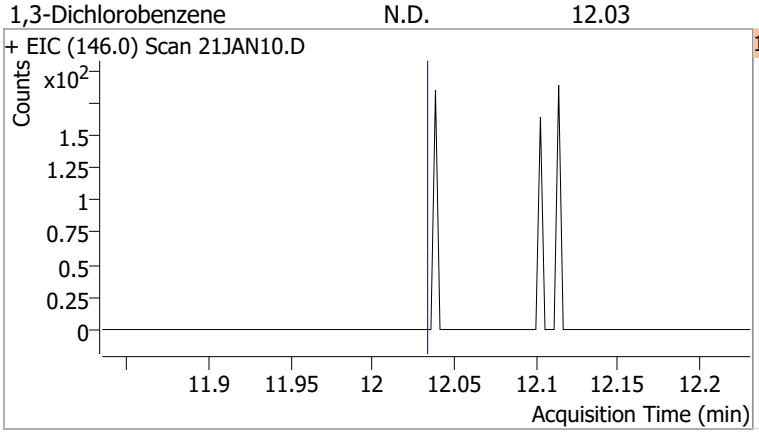


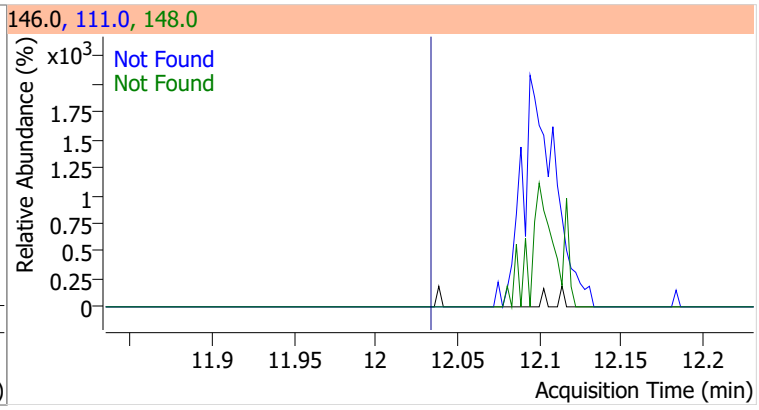
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



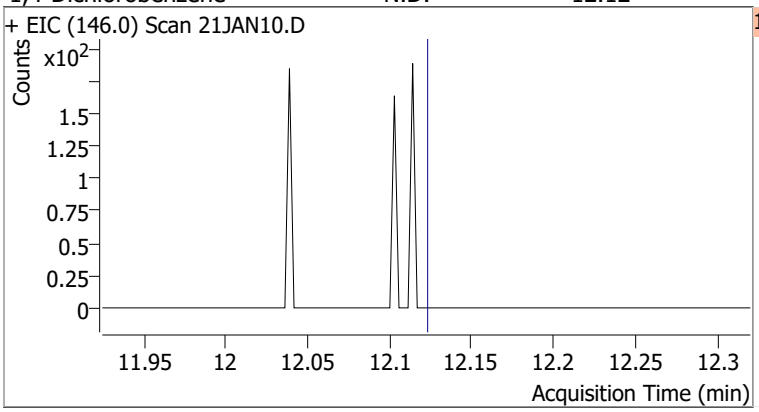


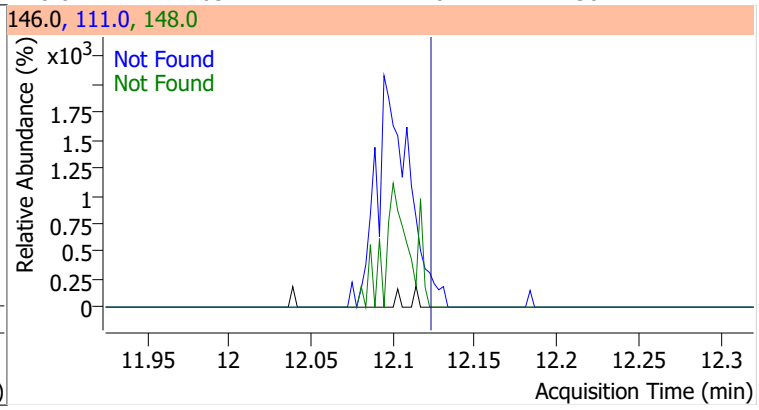
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



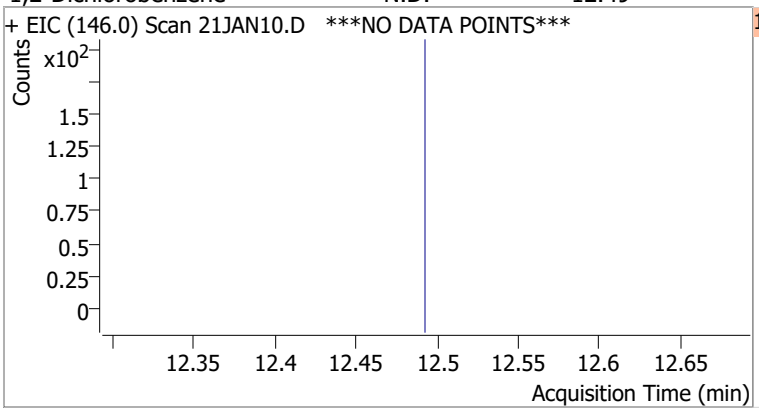


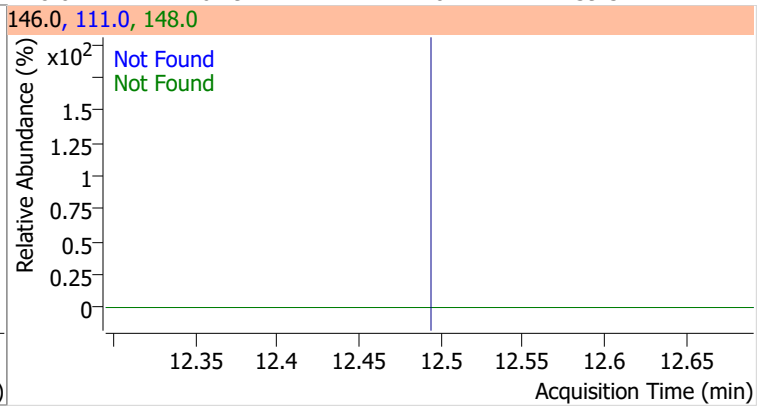
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





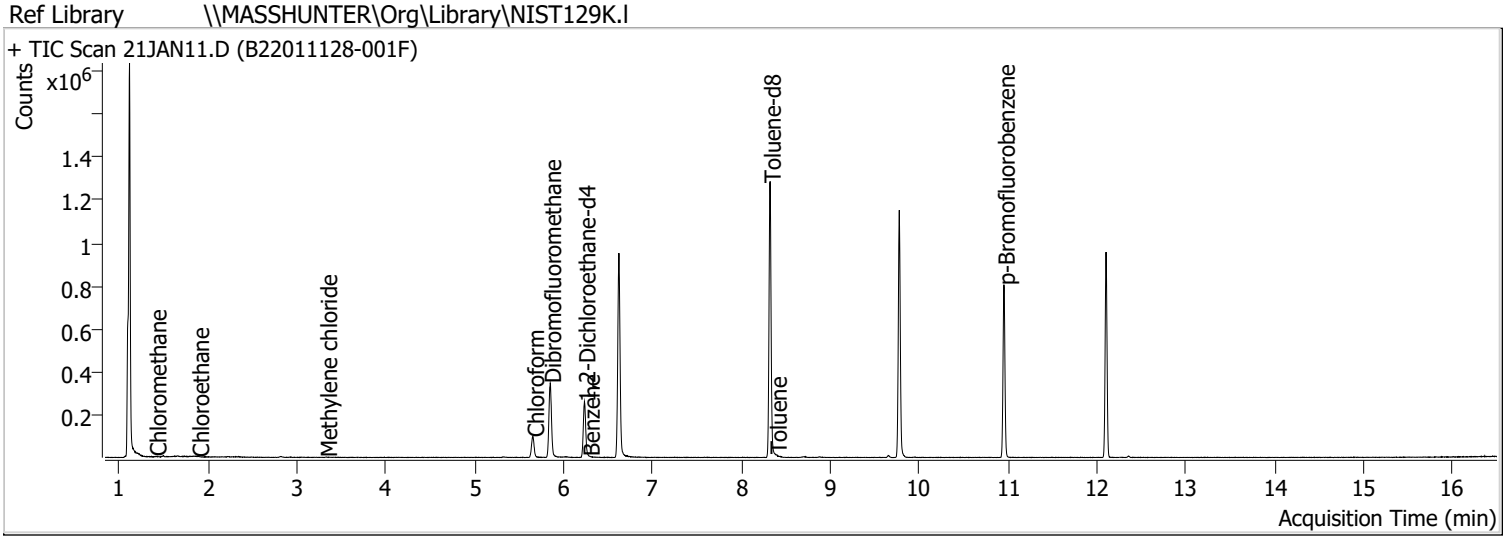
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 2:20:23 PM
Sample Name	B22011128-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

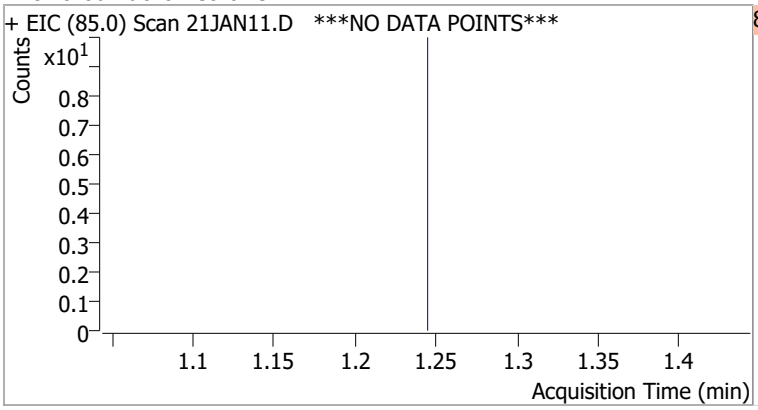


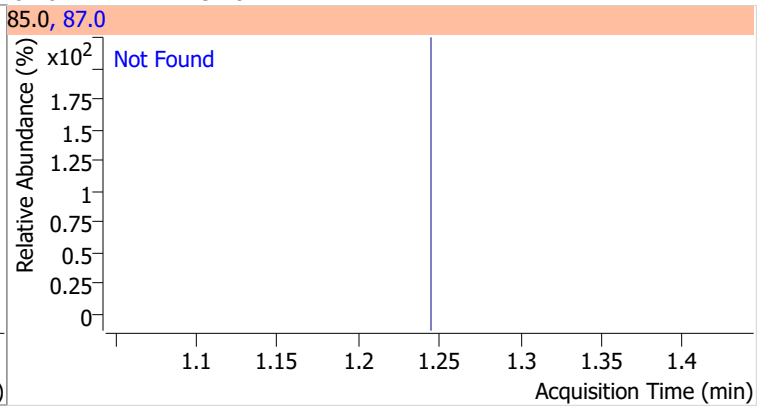
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	793922	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	312069	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	232698	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	209211	272.0634	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.83%			
S 1,2-Dichloroethane-d4	6.233	67.0	92013	276.9986	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 110.80%			
S Toluene-d8	8.319	98.0	790450	259.6293	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.85%			
S p-Bromofluorobenzene	10.951	95.0	230814	268.6460	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.46%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.408	50.0	1889	1.5029	ng	m	95
T Vinyl chloride	1.503	62.0	0		ng	md	1
T Bromomethane	1.804	96.0	0		ng	md	1
T Chloroethane	1.888	64.0	1091	2.0150	ng	m	52
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.327	49.0	1086	0.9357	ng	m	75
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.656	83.0	79836	51.8108	ng		97

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	6.029	117.0	0		ng	md	1
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.283	78.0	1965	0.6196	ng	m	93
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	7.390	93.0	0		ng	md	1
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.386	92.0	1295	0.6379	ng	m	93
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	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.			

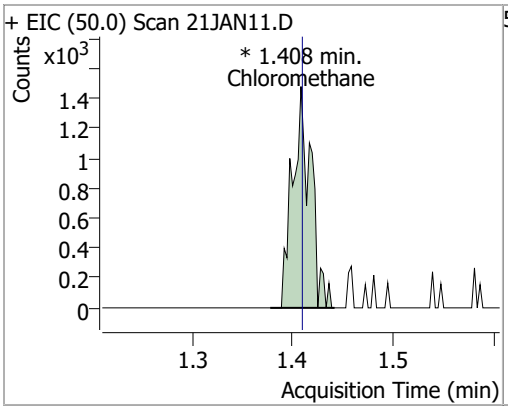
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

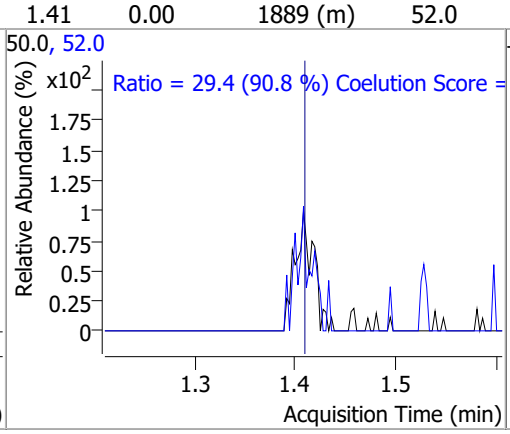
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

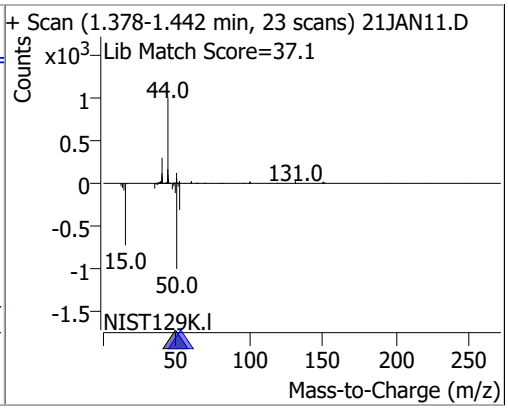




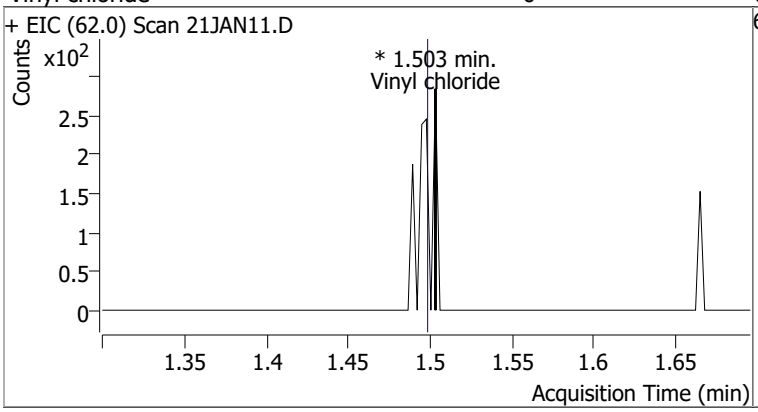
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.5029	1.41	0.00	1889 (m)	52.0	29.4	2.4	62.4

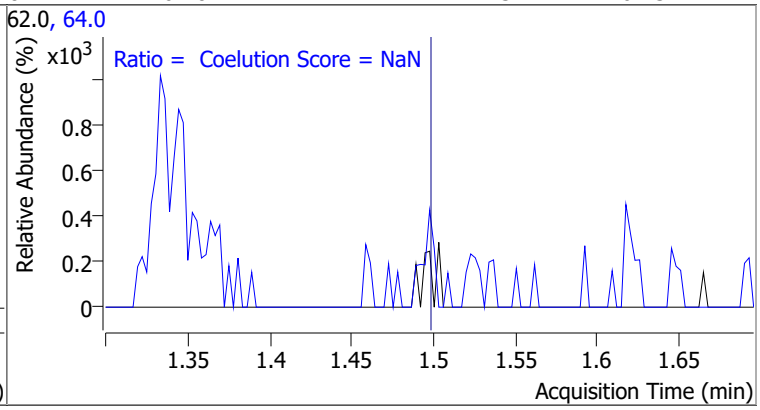




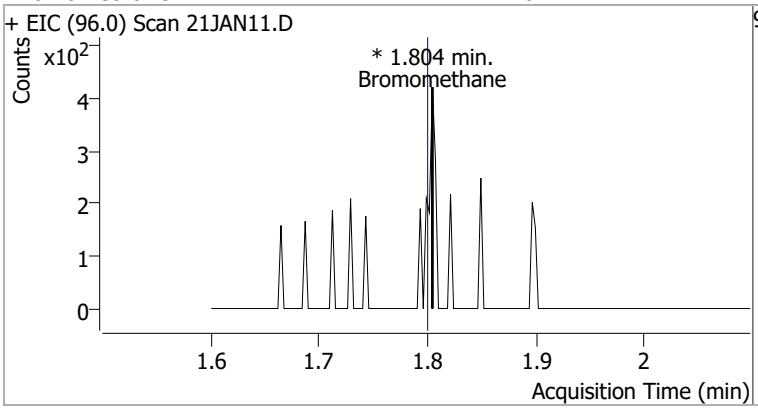


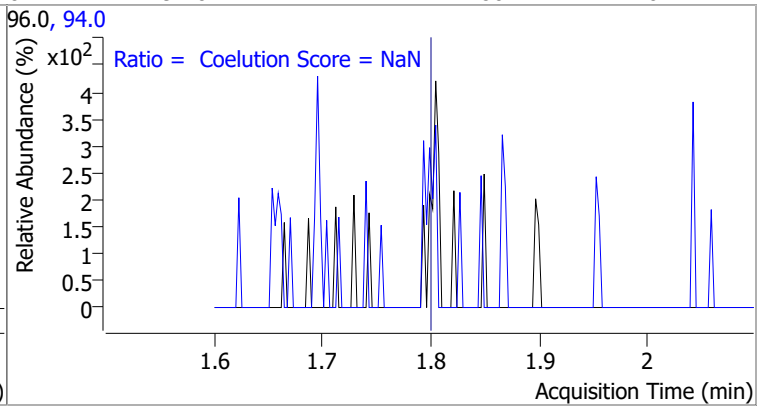
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride		0		0	64.0		1.3	61.3



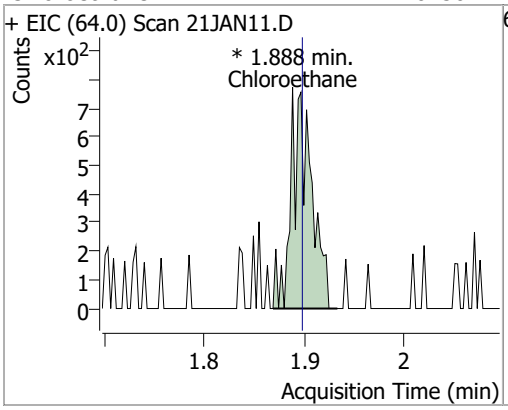


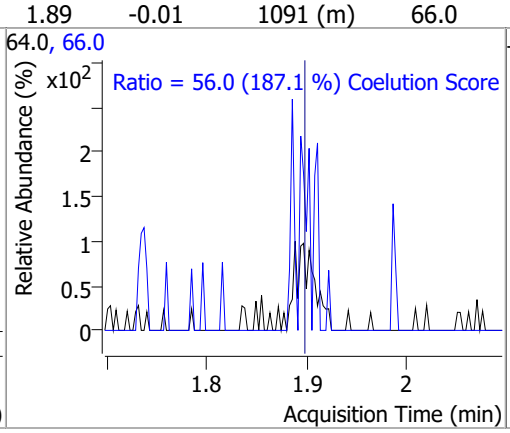
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane		0		0	94.0		80.1	140.1

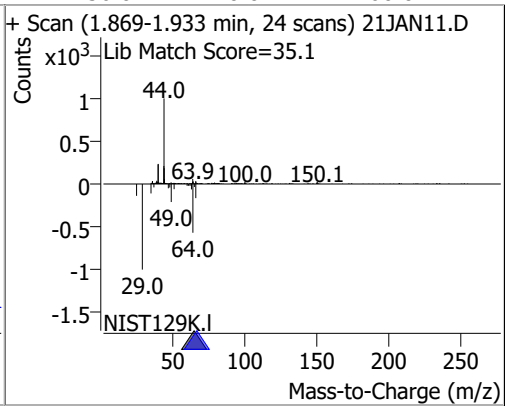




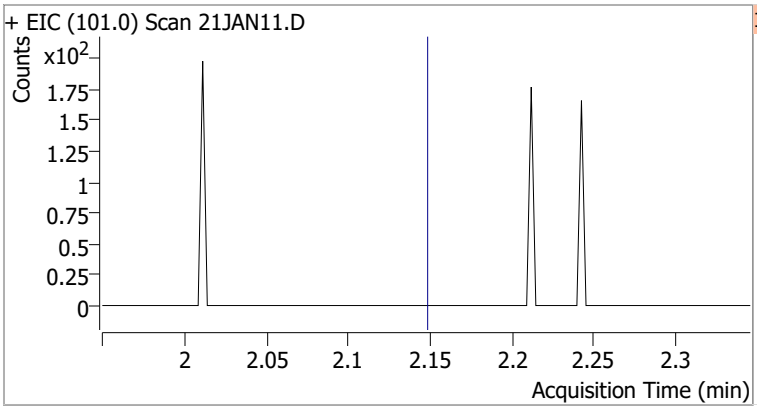
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	2.0150	1.89	-0.01	1091 (m)	66.0	56.0	0.0	60.0

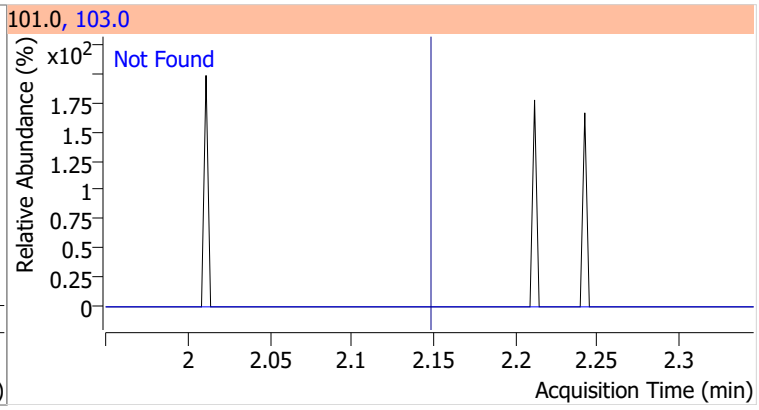




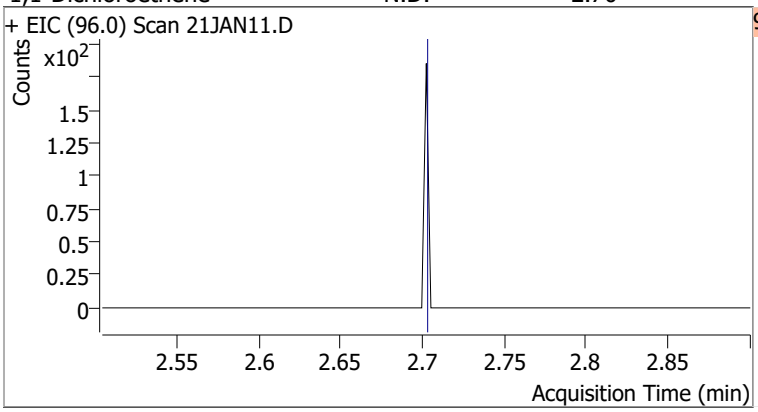


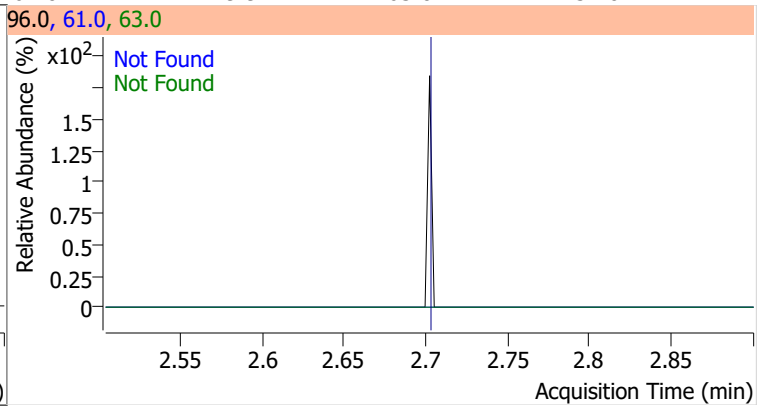
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



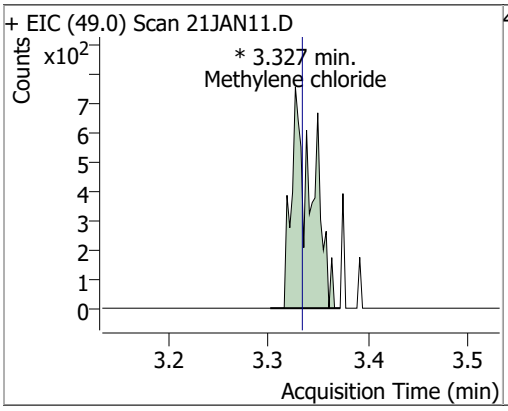


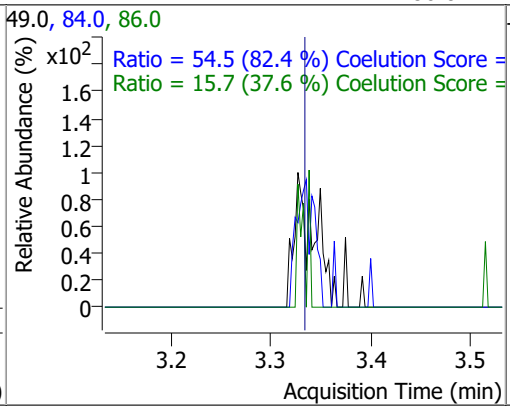
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

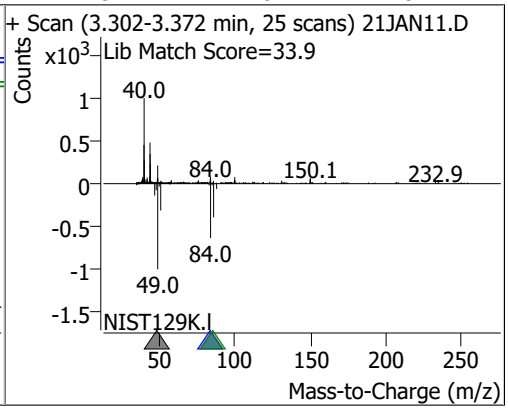




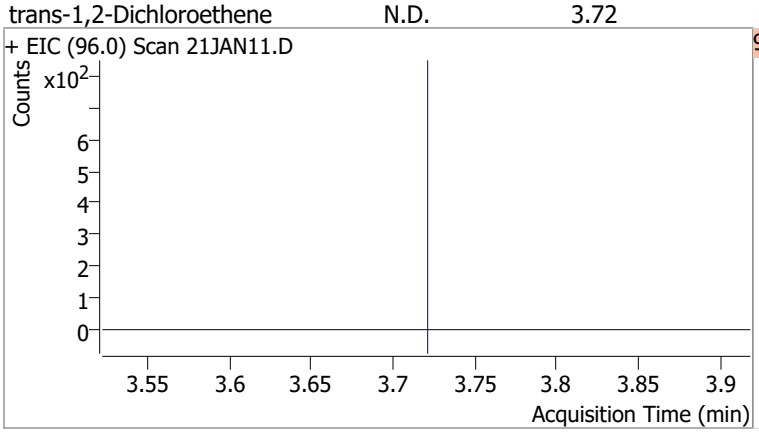
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.9357	3.33	-0.01	1086 (m)	84.0	54.5	36.1	96.1
					86.0	15.7	11.8	71.8

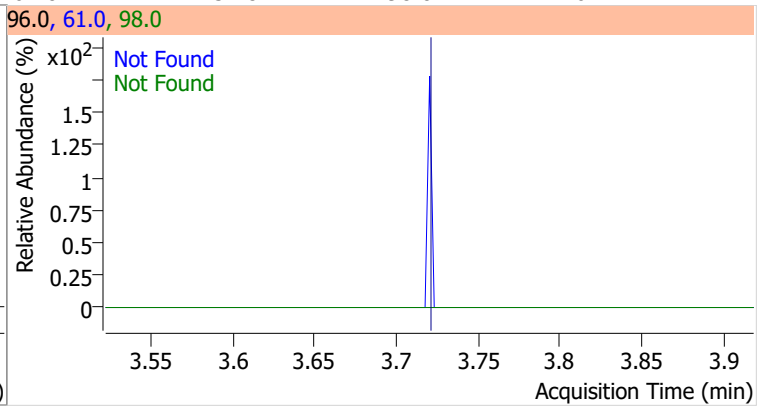




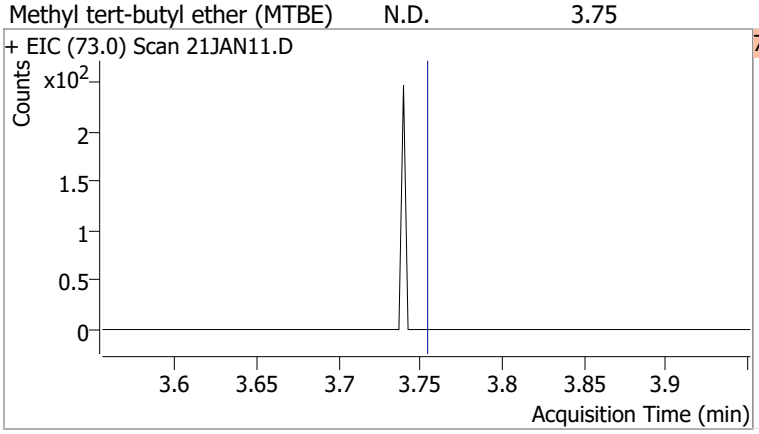


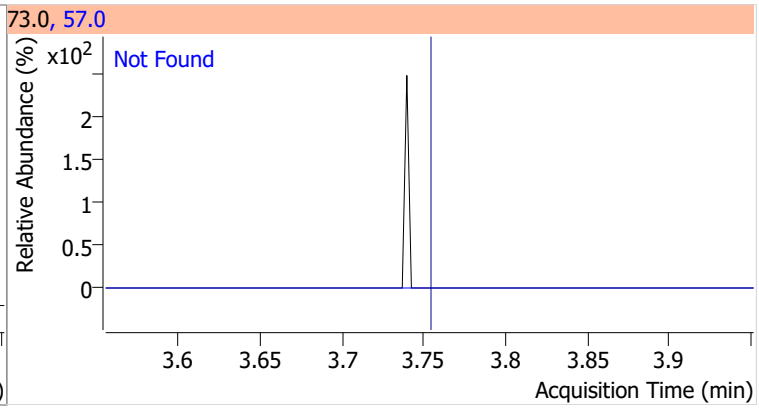
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



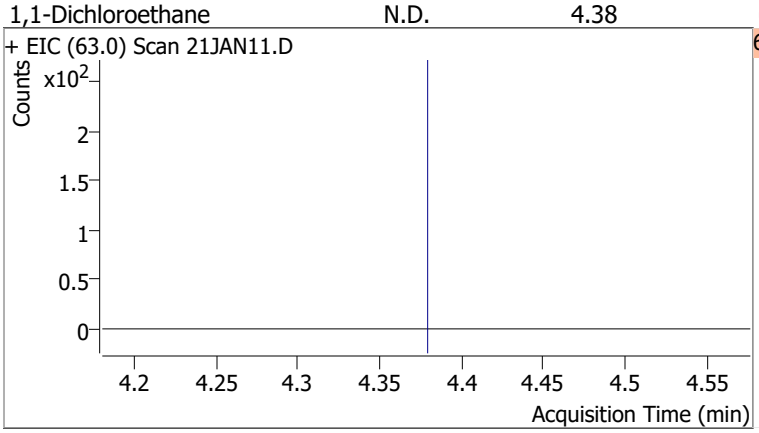


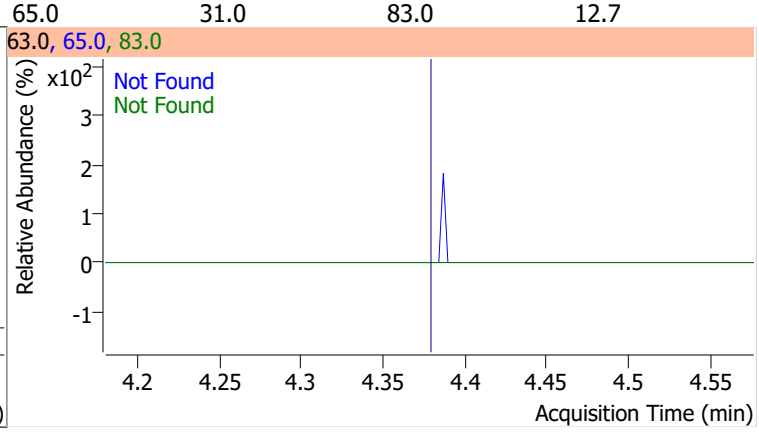
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



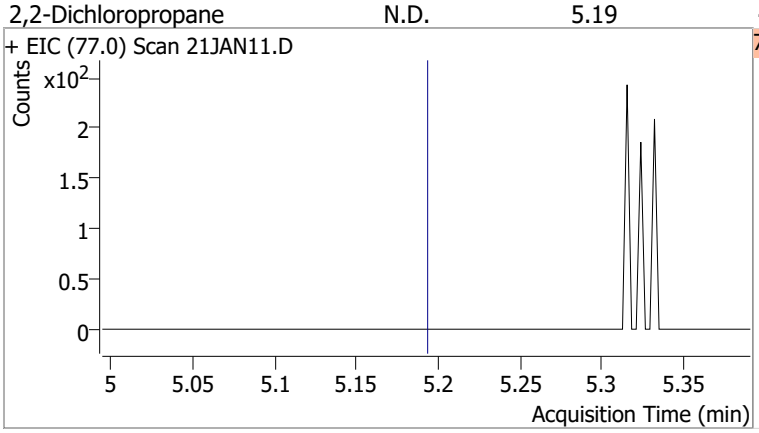


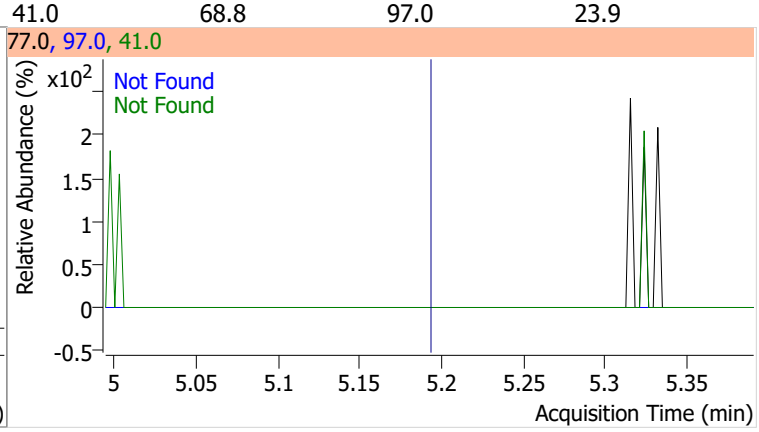
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



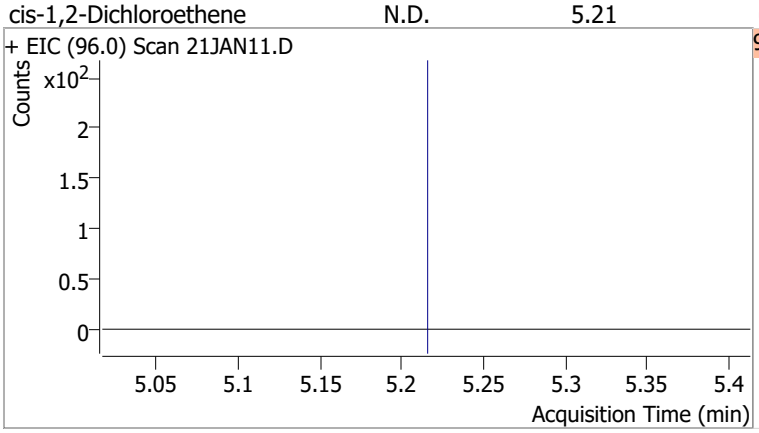


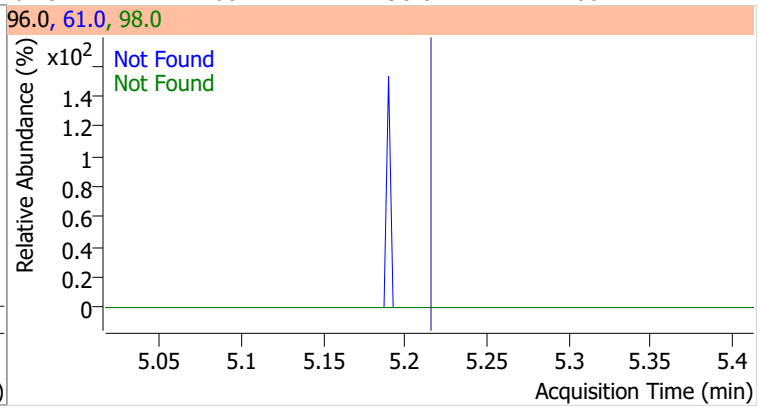
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



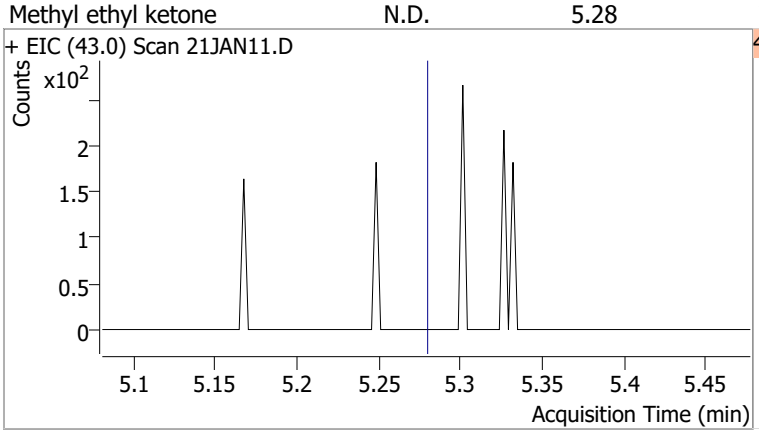


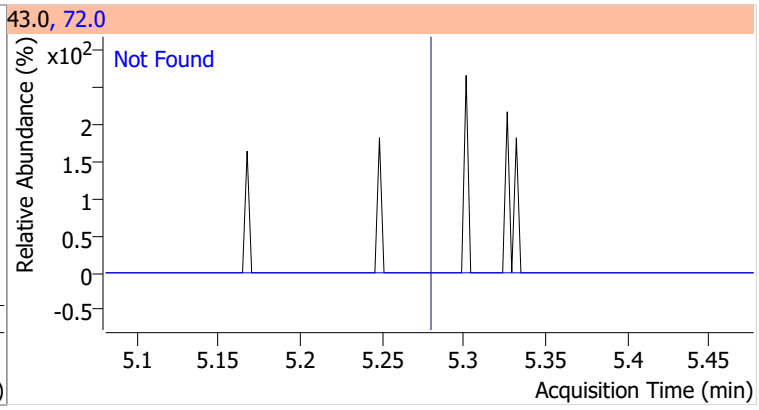
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



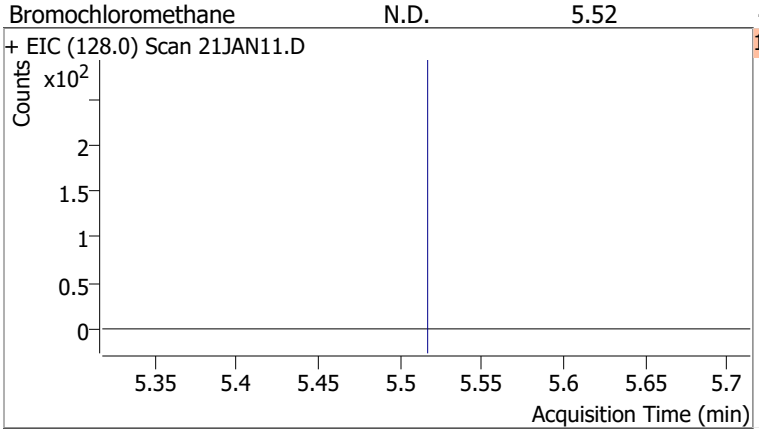


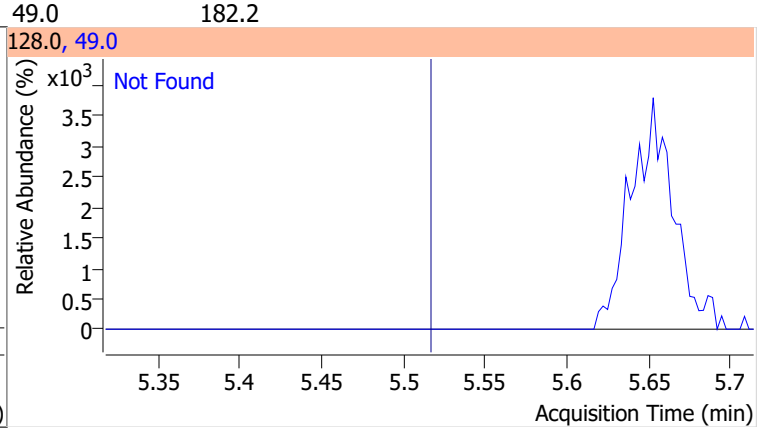
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



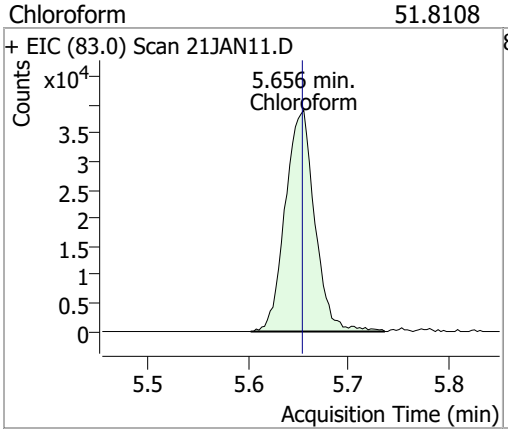


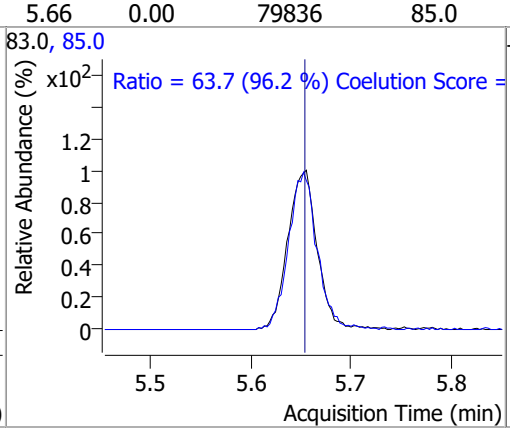
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

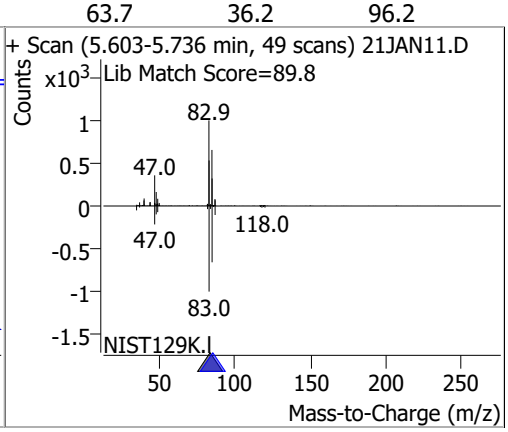




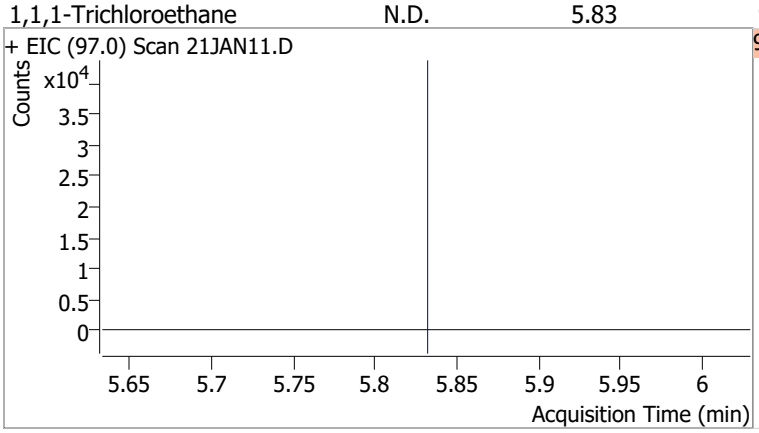
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	51.8108	5.66	0.00	79836	85.0	63.7	36.2	96.2

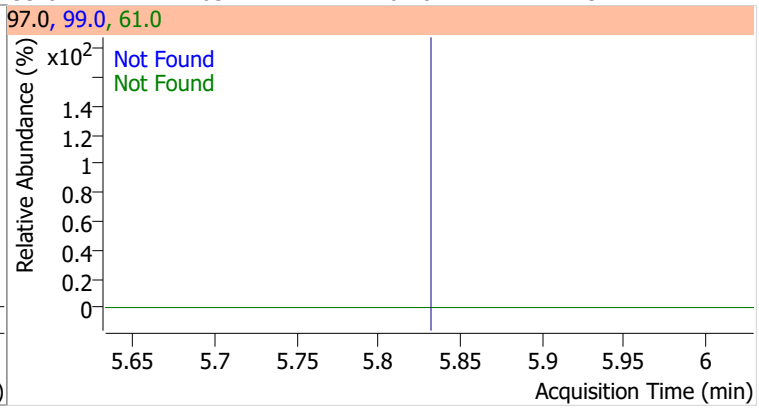




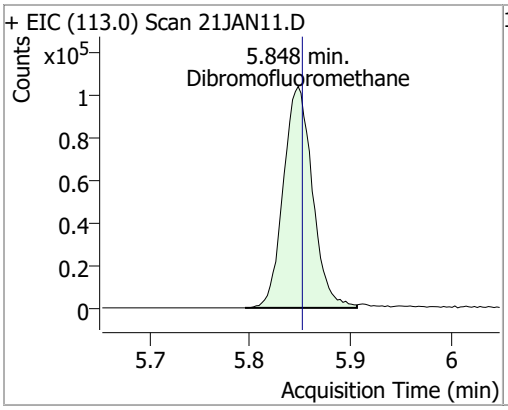


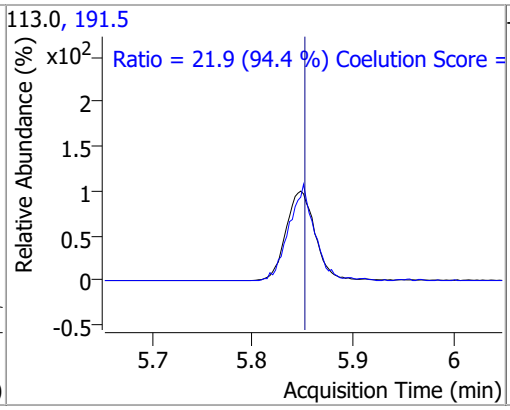
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

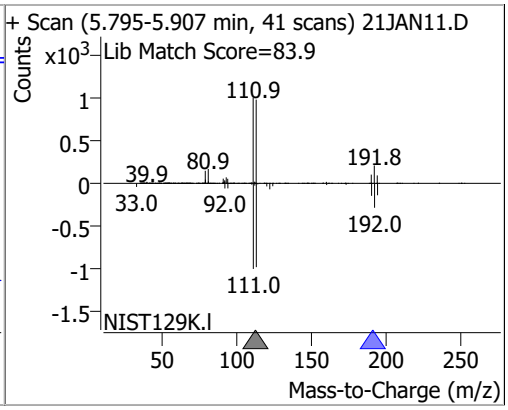




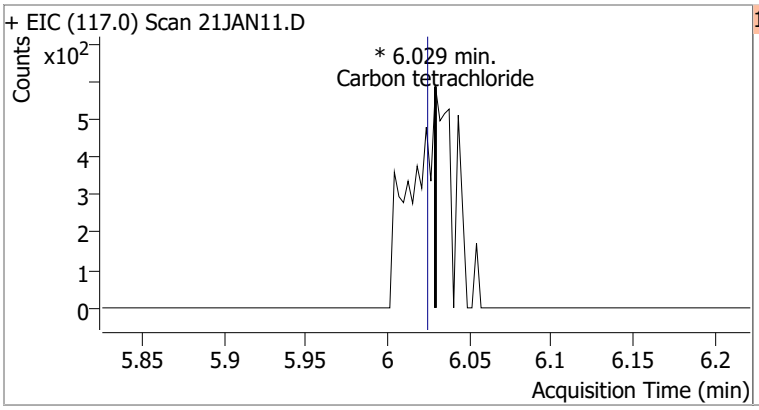
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	272.0634	5.85	0.00	209211	191.5	21.9	0.0	53.2

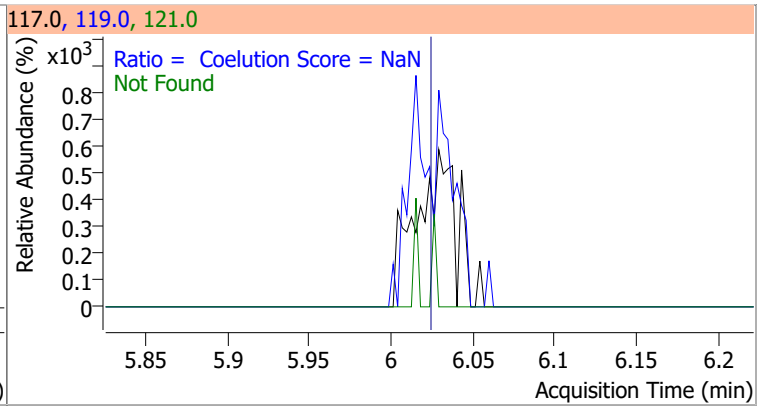




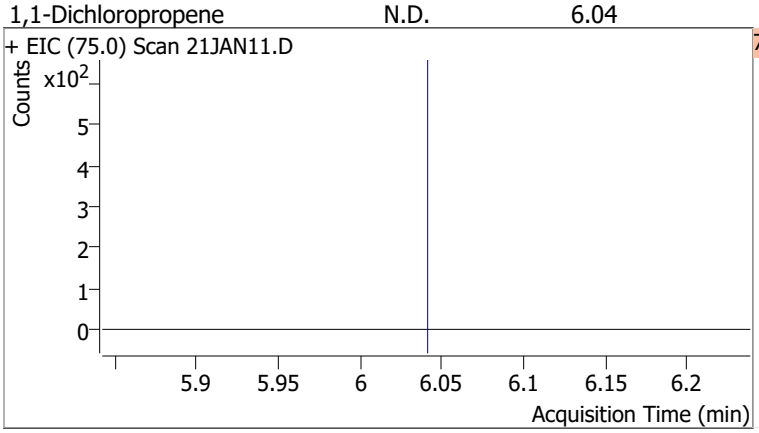


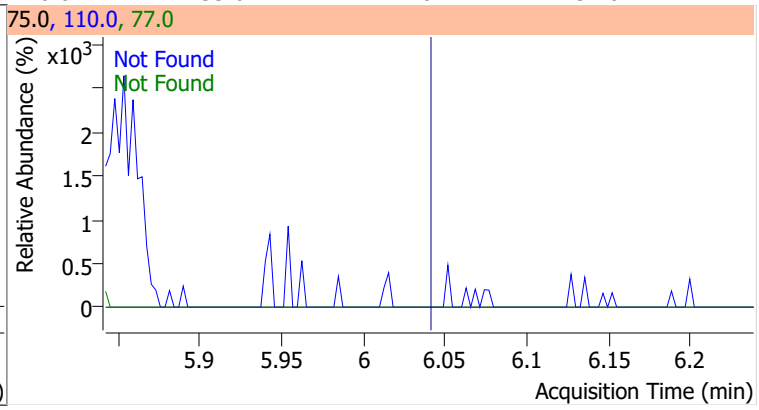
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride		0		0	119.0		67.6	127.6
					121.0		0.7	60.7



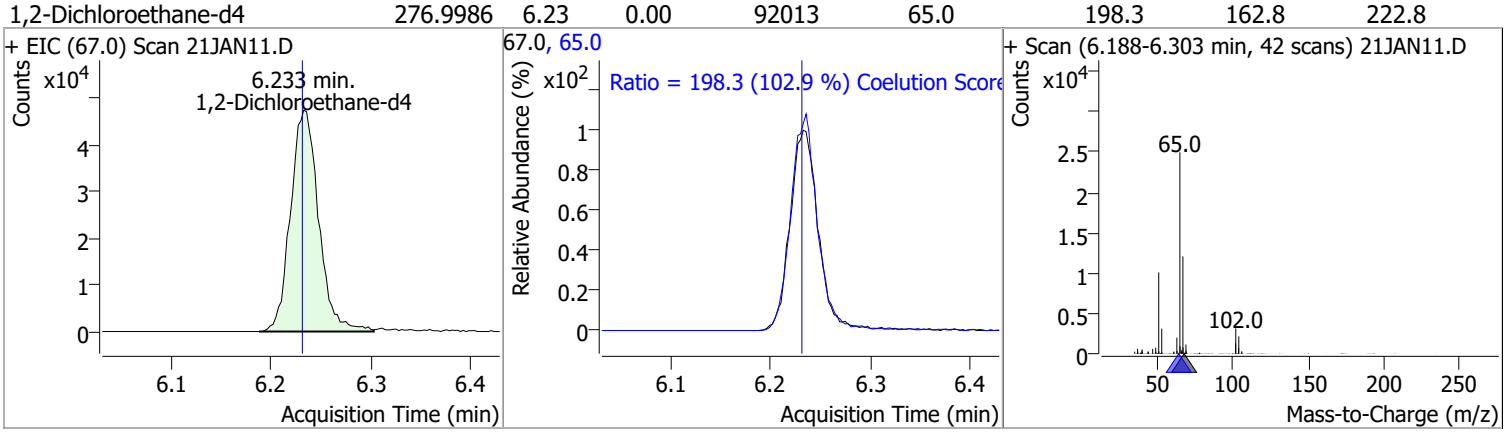


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

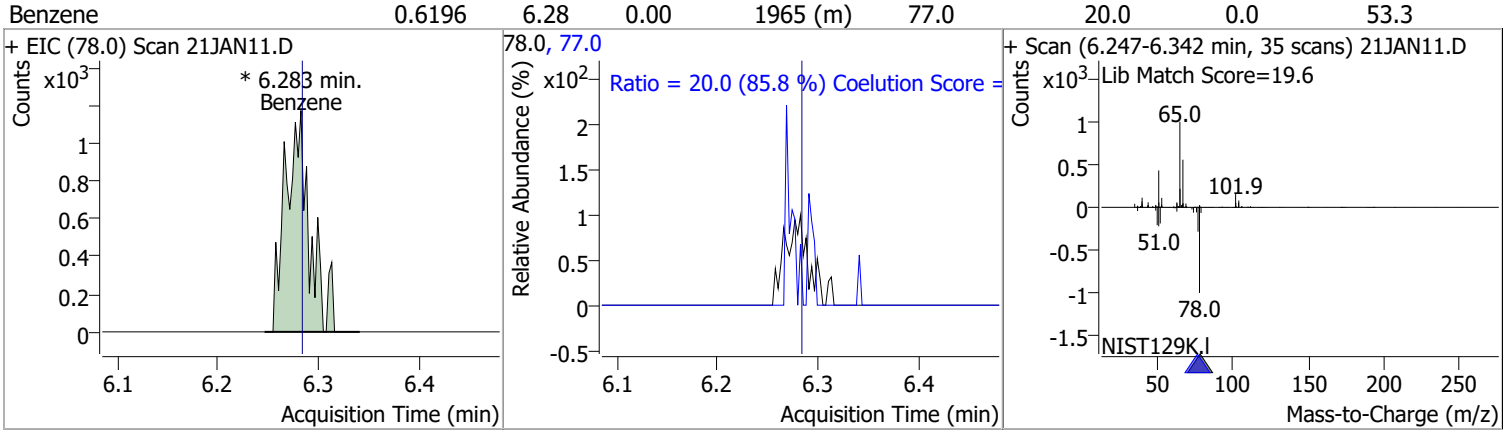




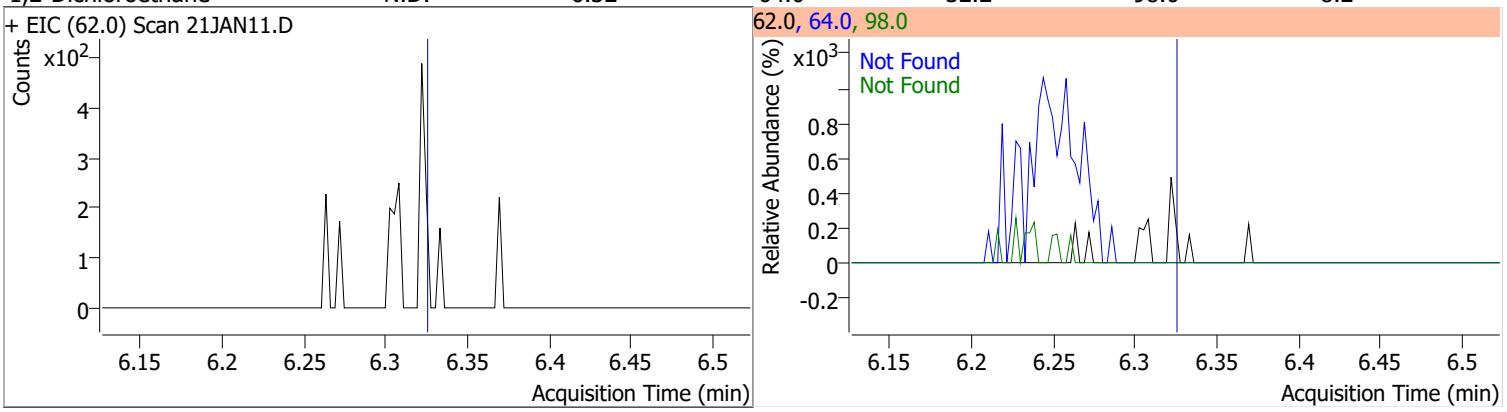
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	276.9986	6.23	0.00	92013	65.0	198.3	162.8	222.8



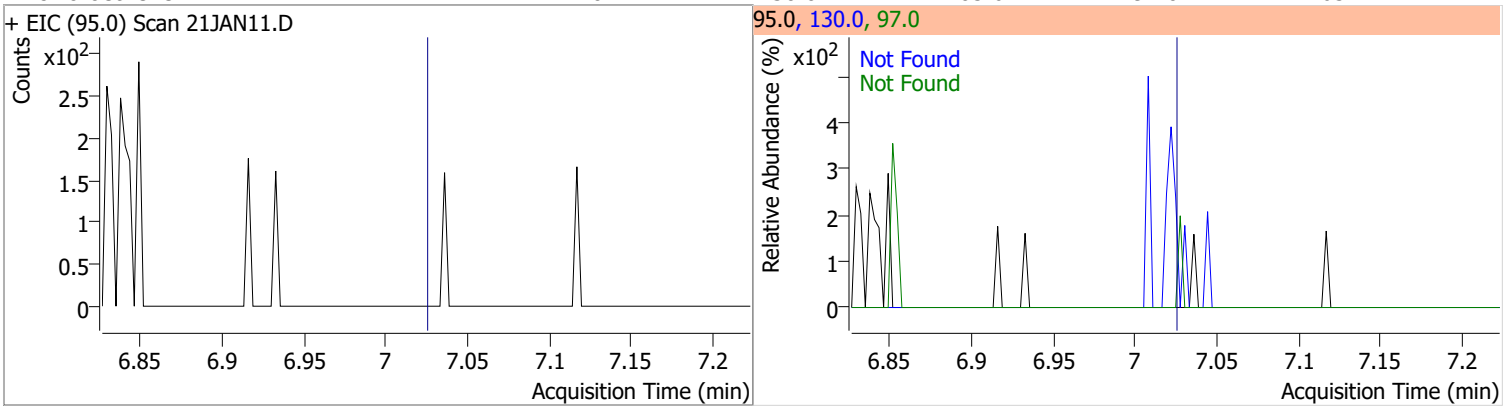
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.6196	6.28	0.00	1965 (m)	77.0	20.0	0.0	53.3



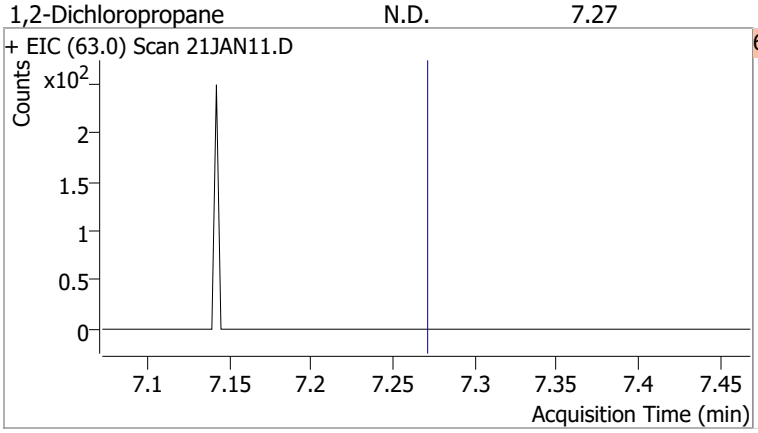
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2

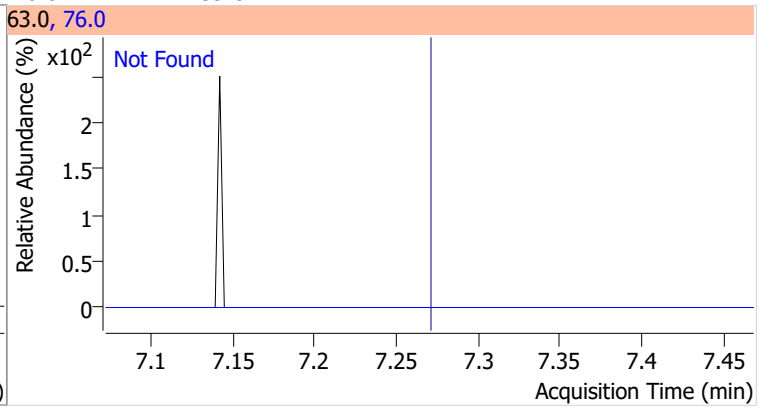


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7

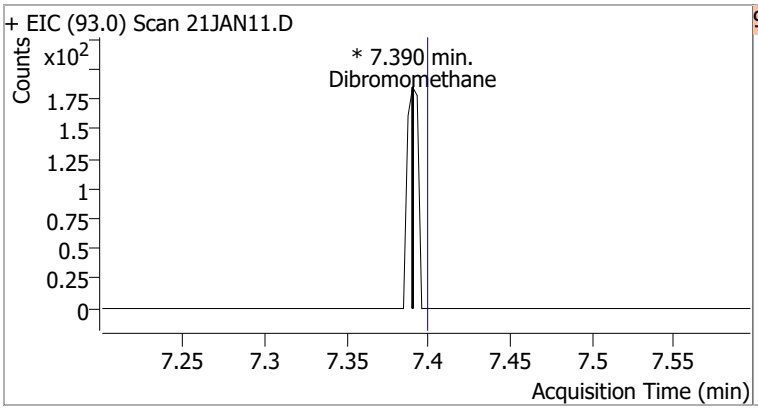


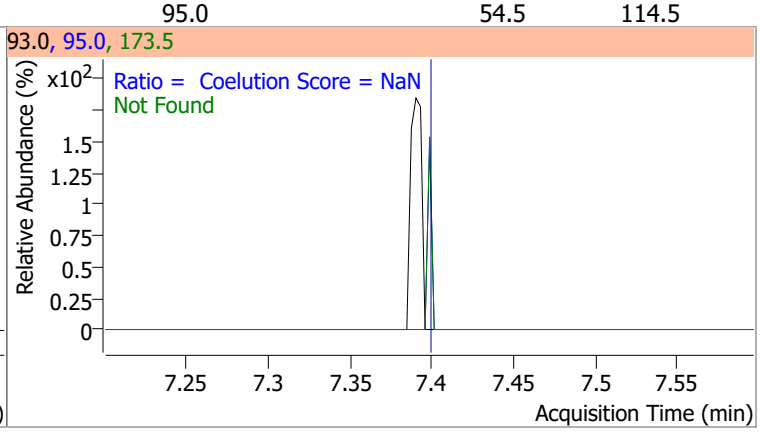
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



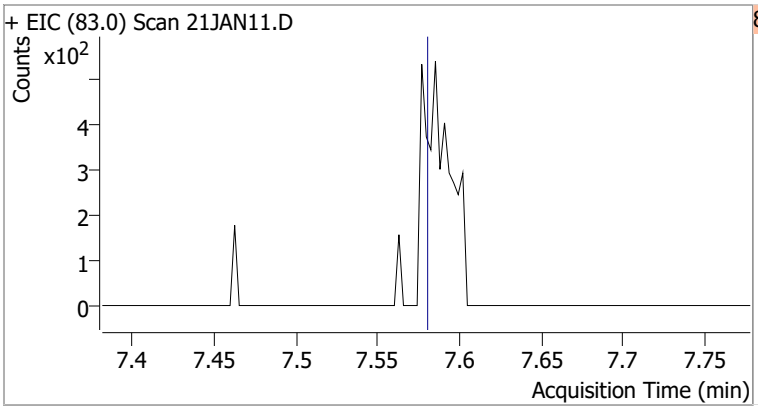


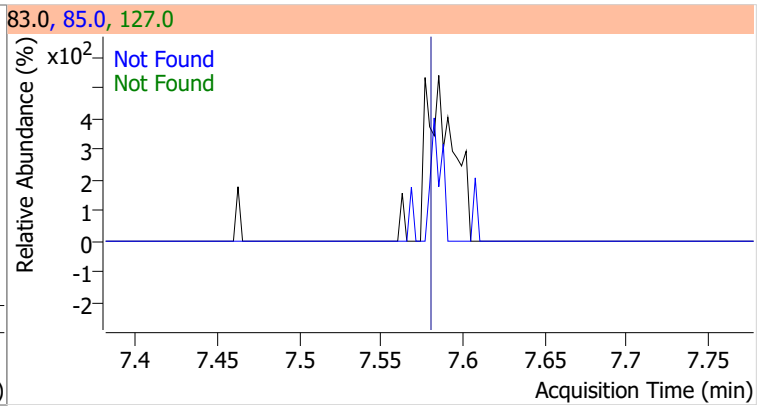
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane		0		0	173.5		78.2	138.2
					95.0		54.5	114.5



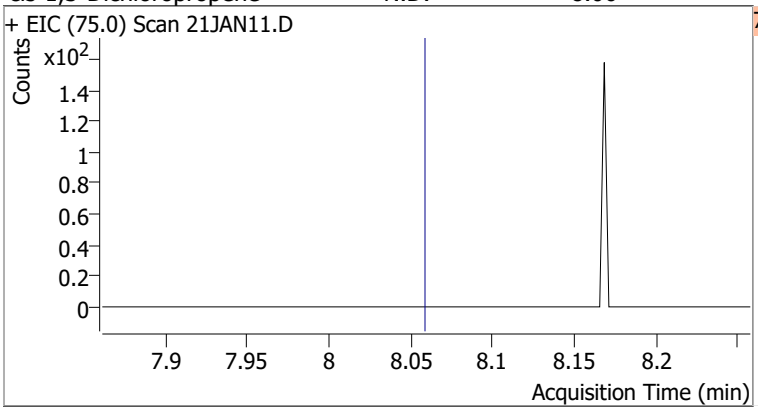


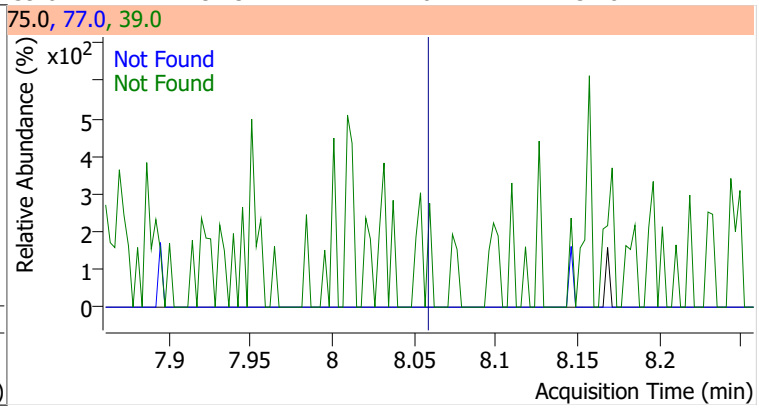
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



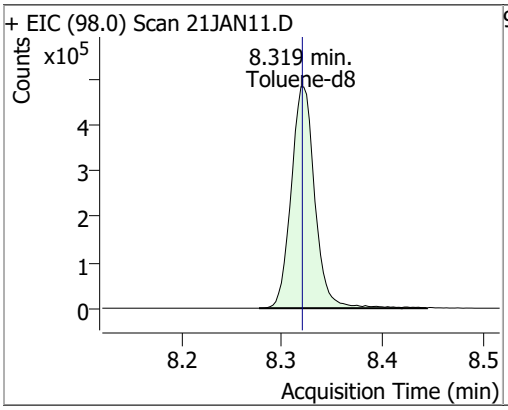


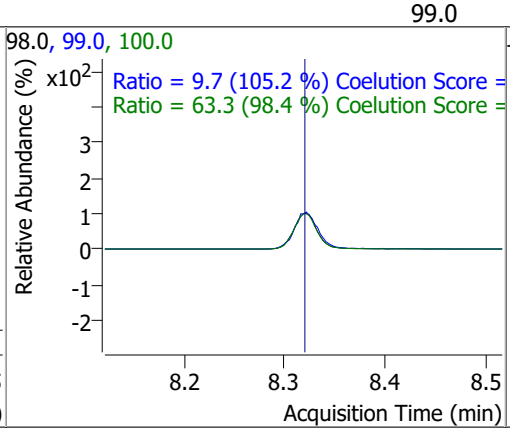
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

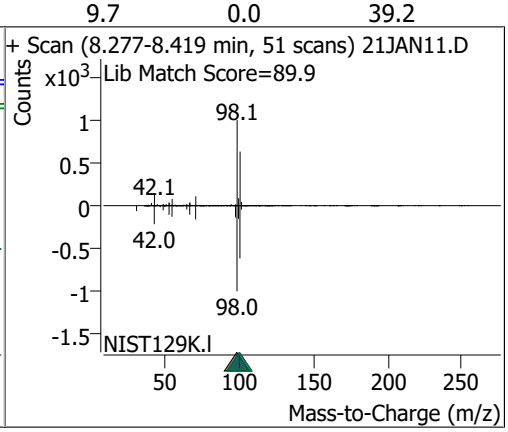




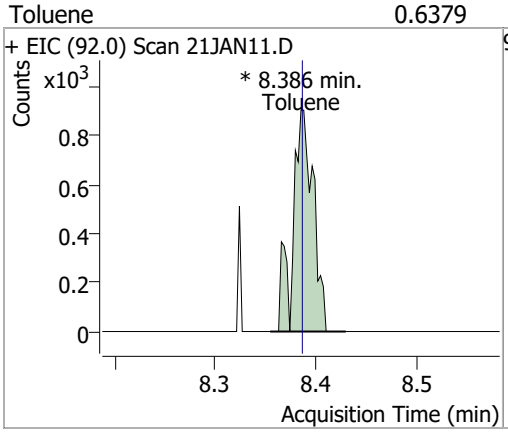
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	259.6293	8.32	0.00	790450	100.0	63.3	34.3	94.3
					99.0	9.7	0.0	39.2

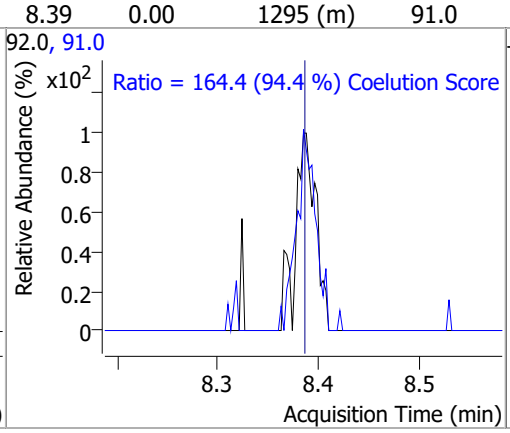


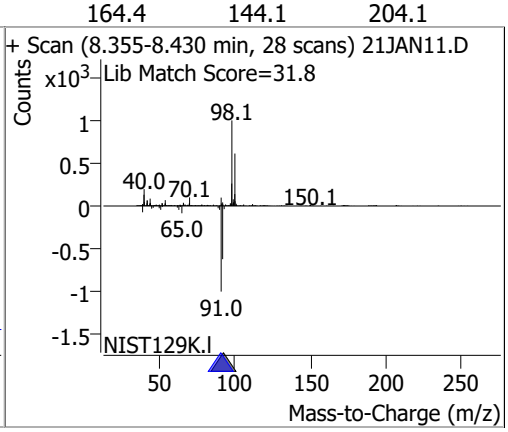




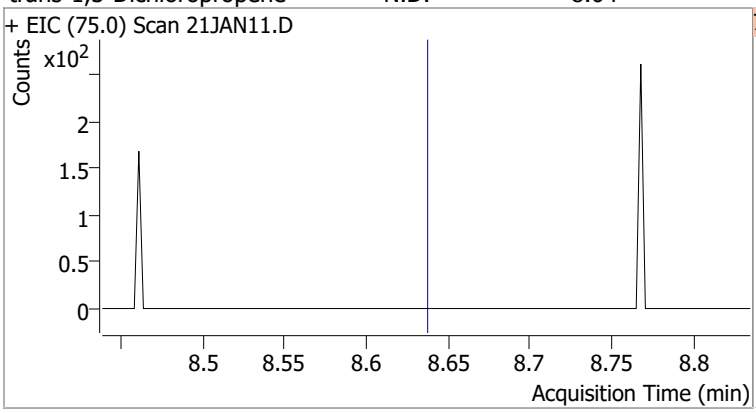
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.6379	8.39	0.00	1295 (m)	91.0	164.4	144.1	204.1

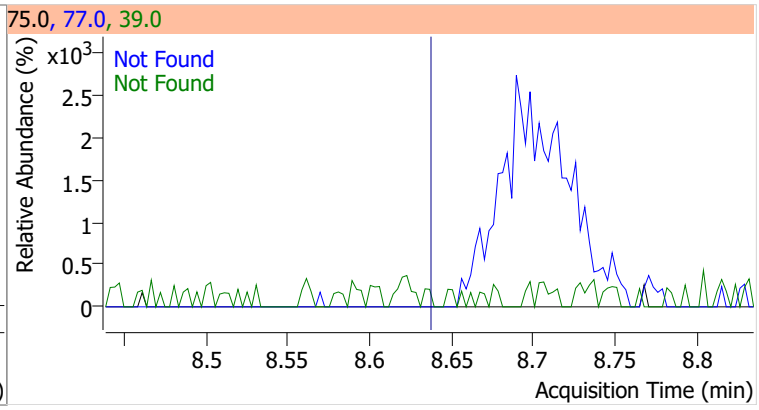




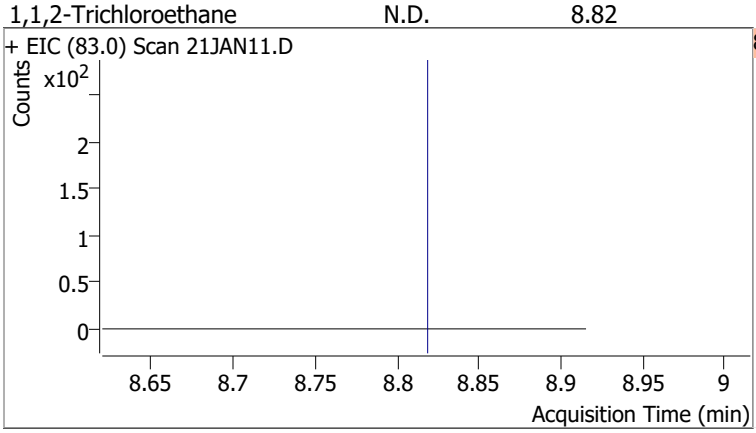


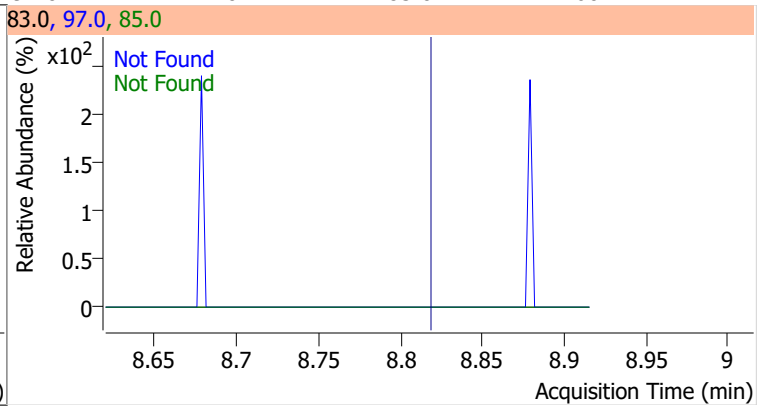
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



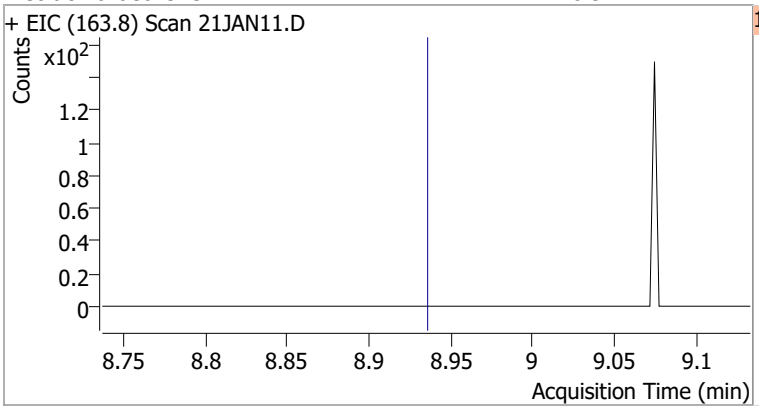


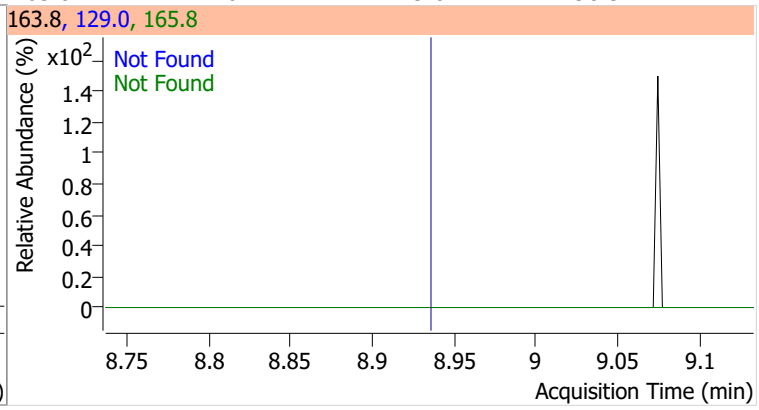
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



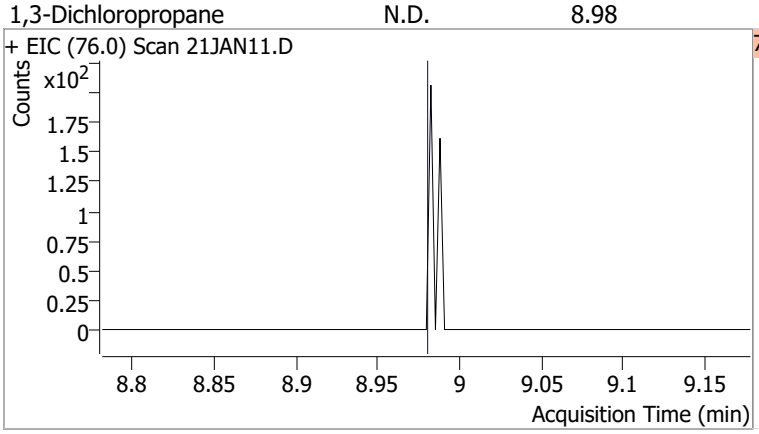


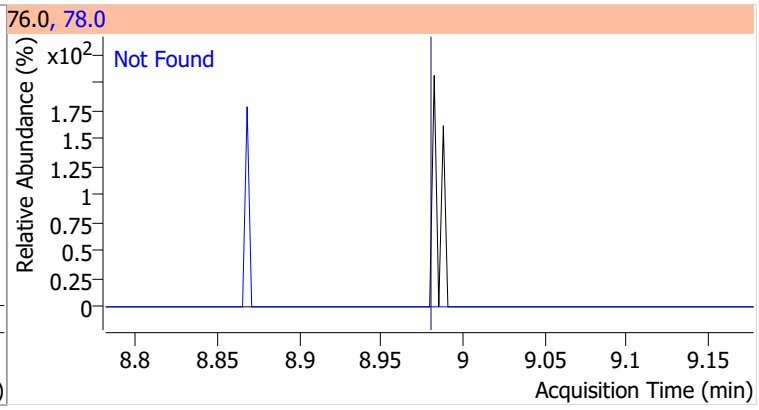
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



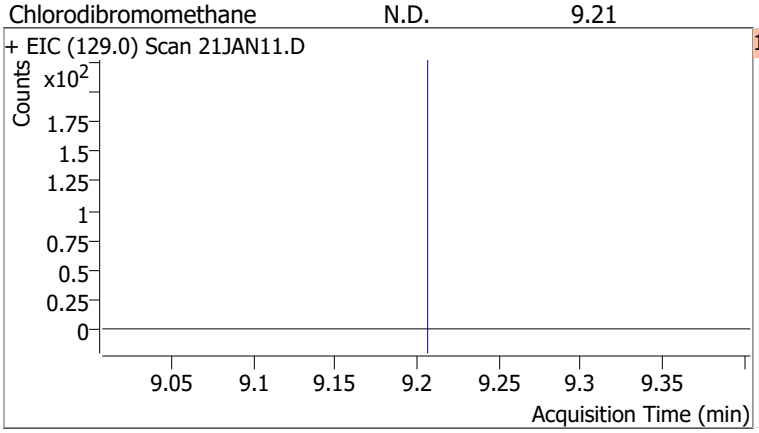


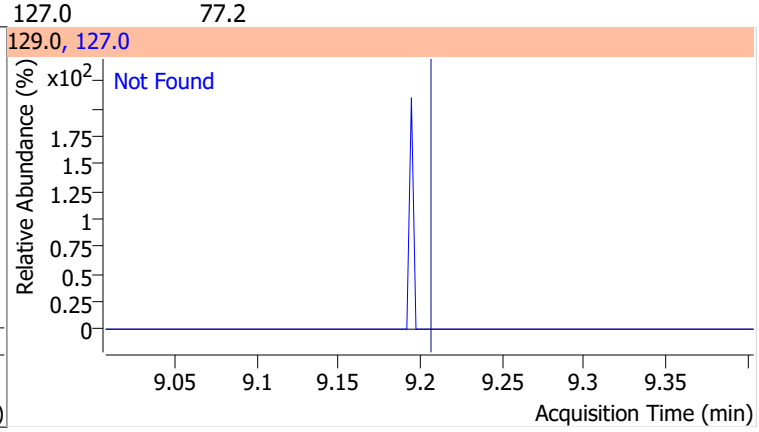
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



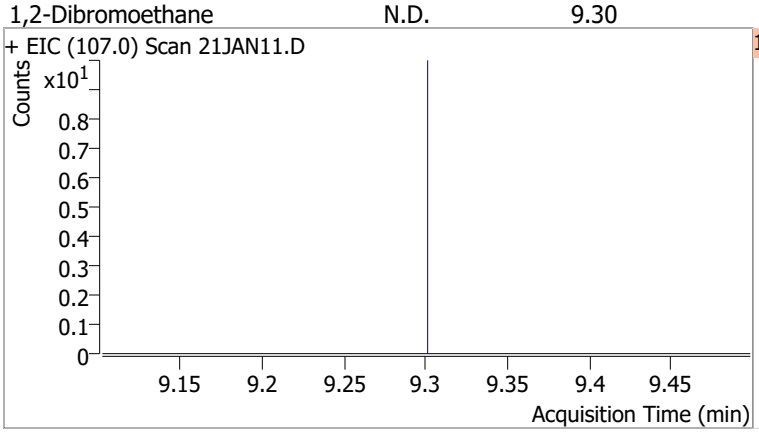


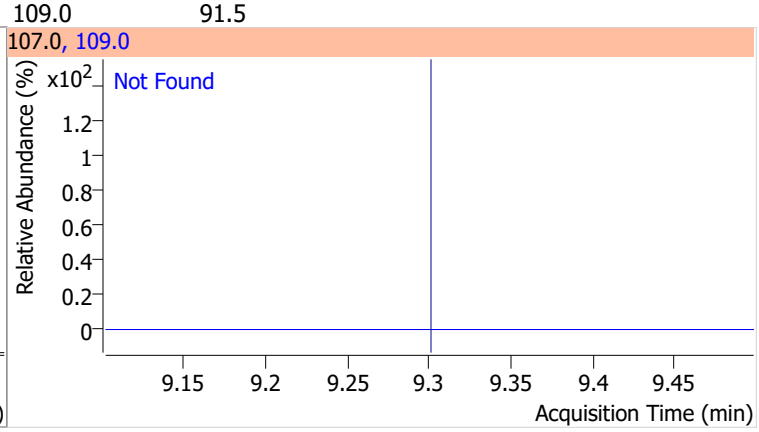
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



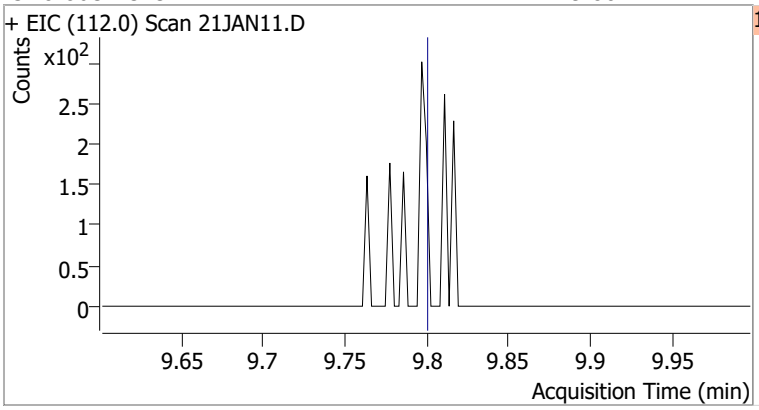


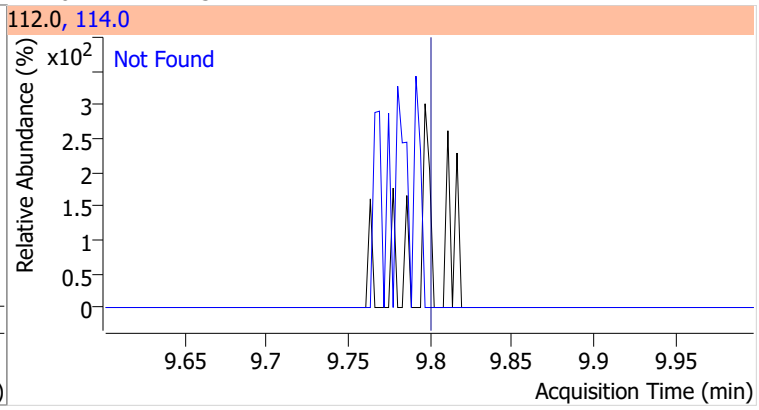
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



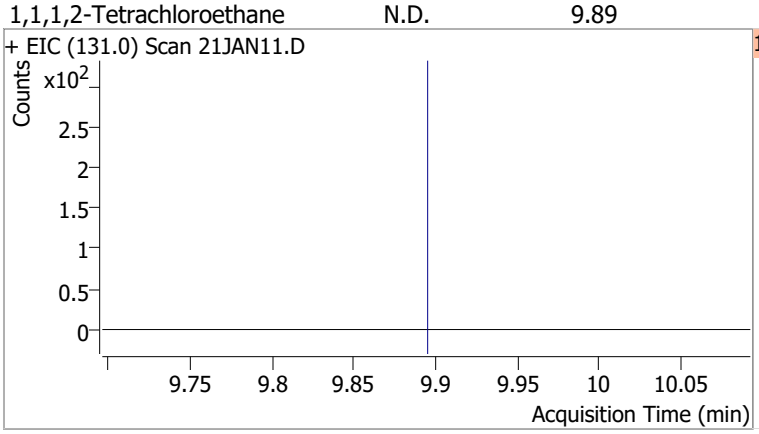


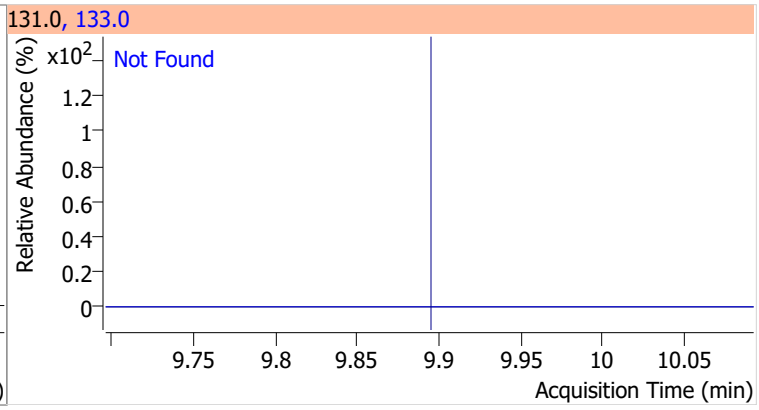
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



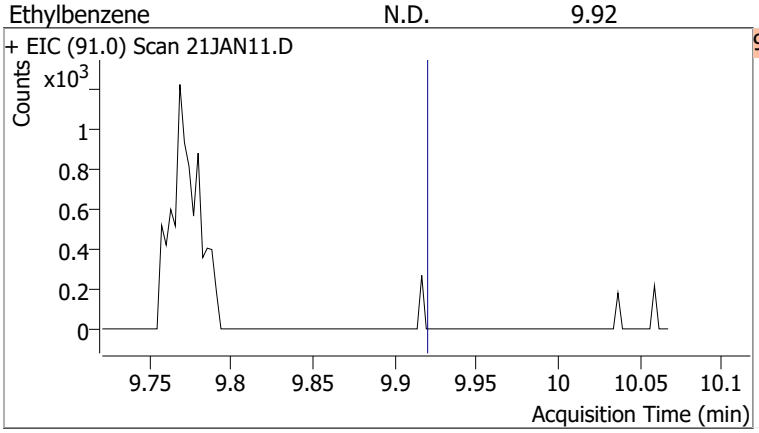


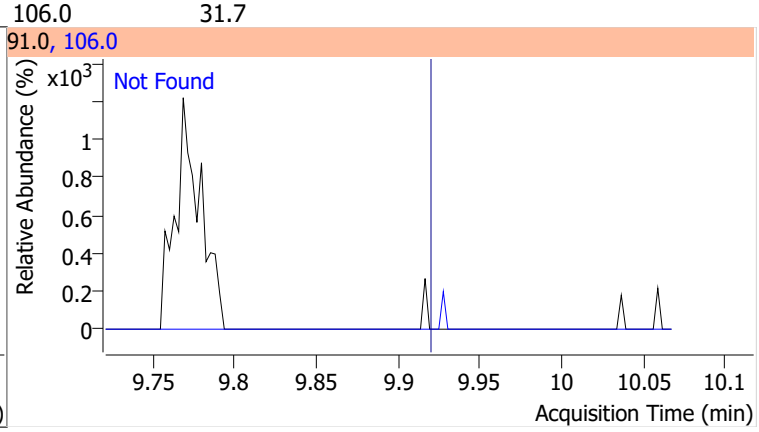
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



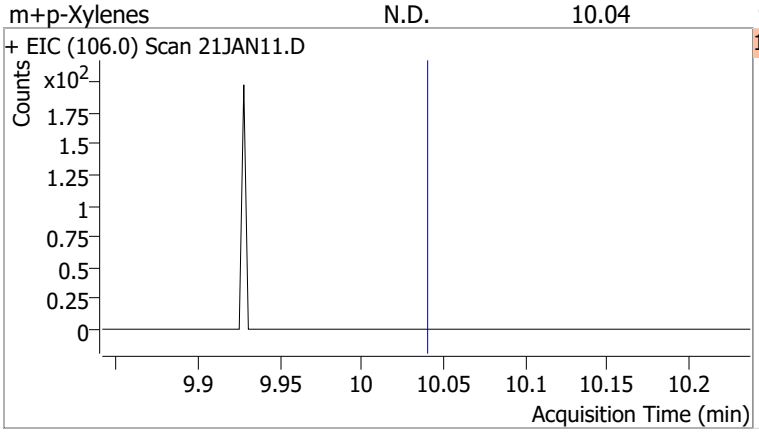


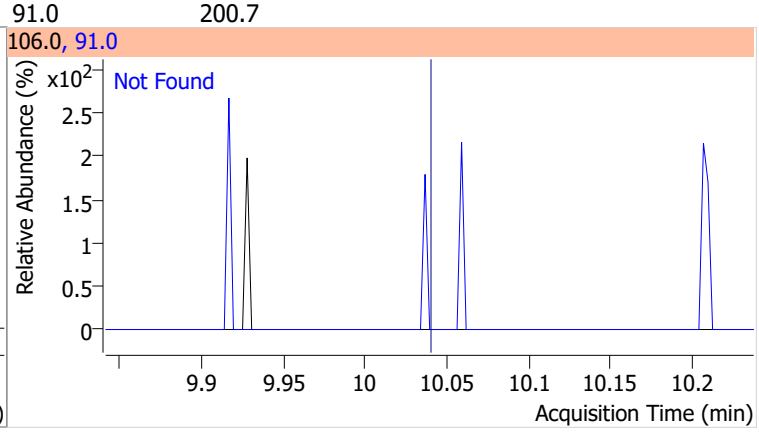
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



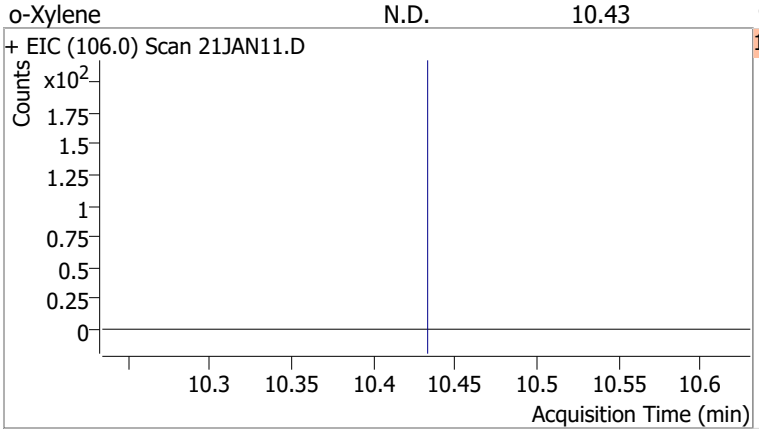


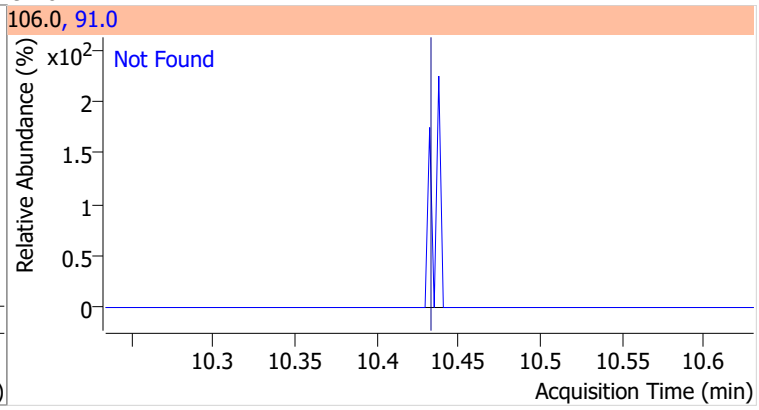
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



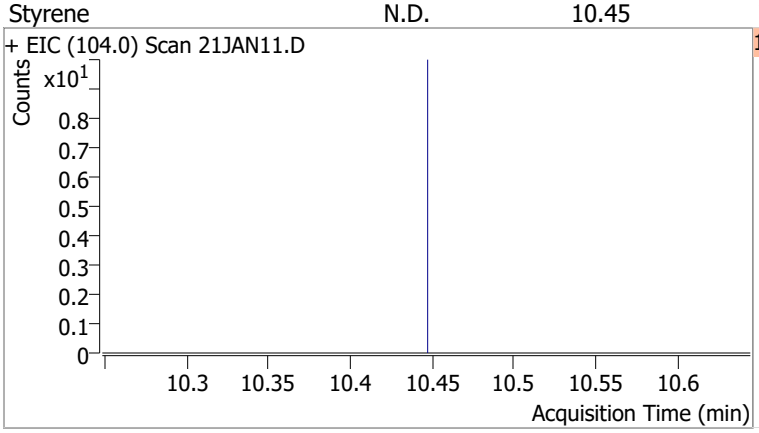


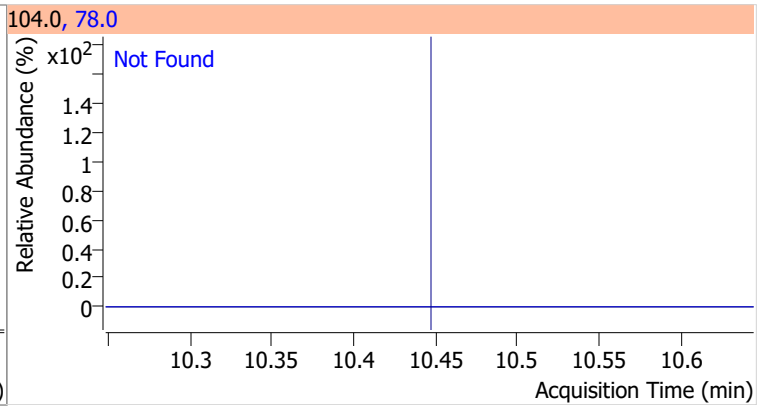
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



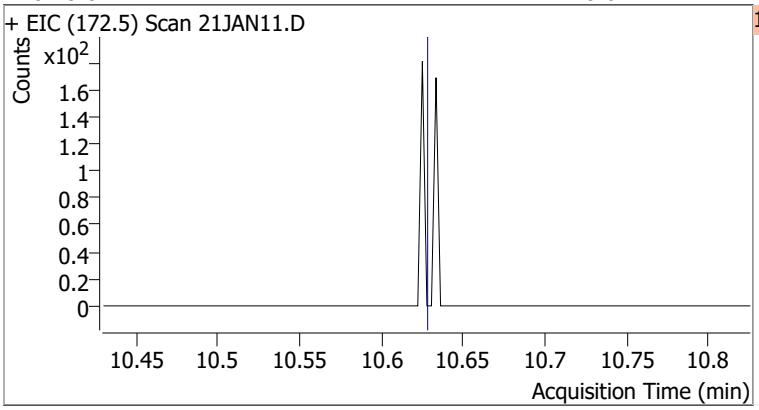


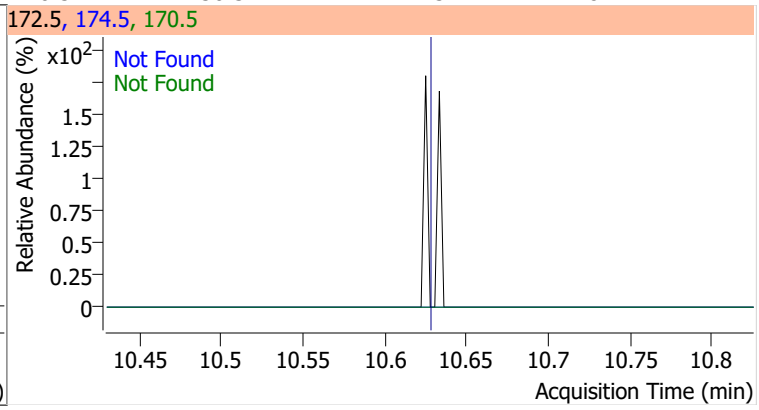
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



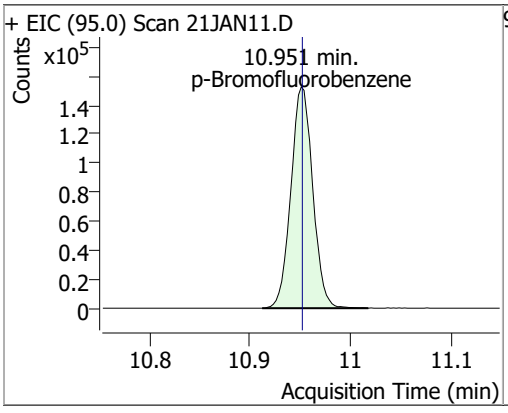


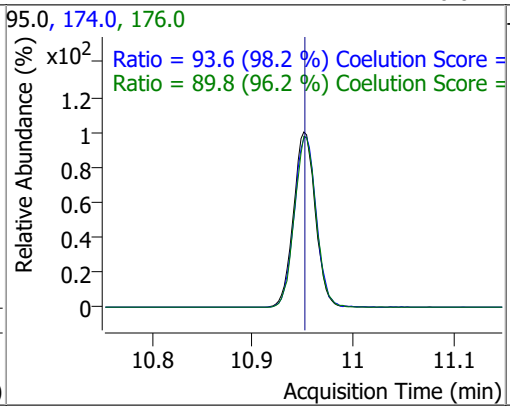
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

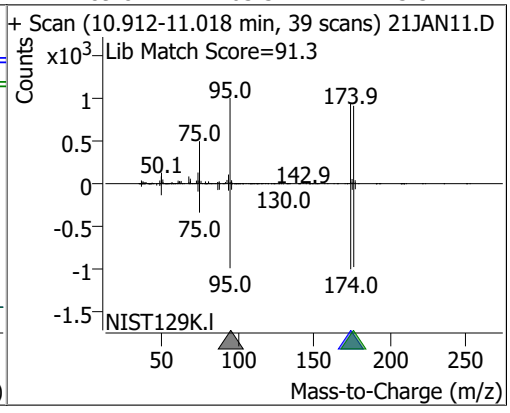




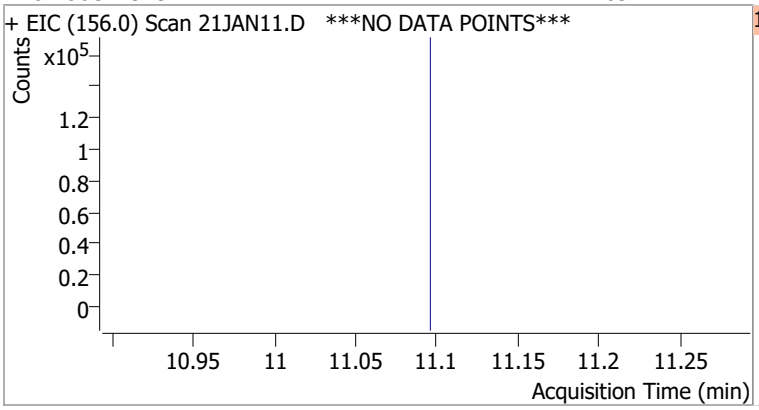
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	268.6460	10.95	0.00	230814	174.0	93.6	65.3	125.3
					176.0	89.8	63.3	123.3

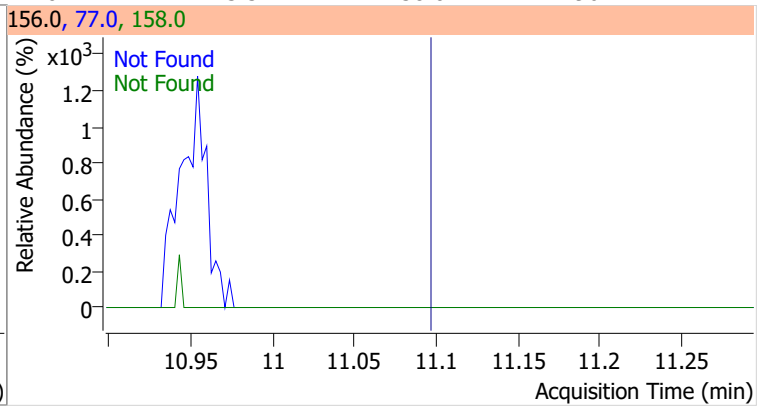




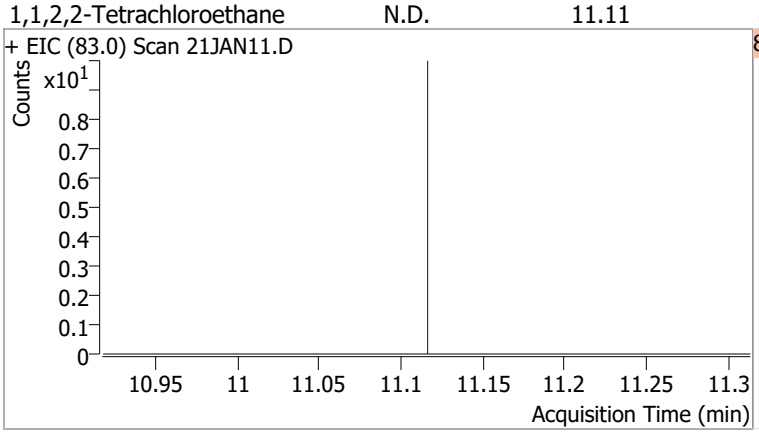


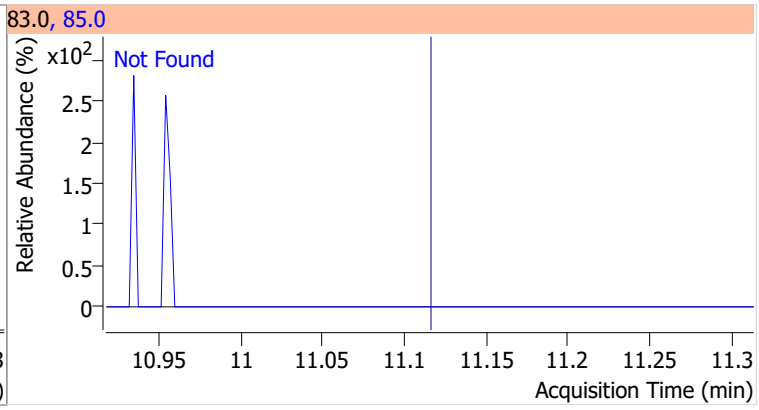
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



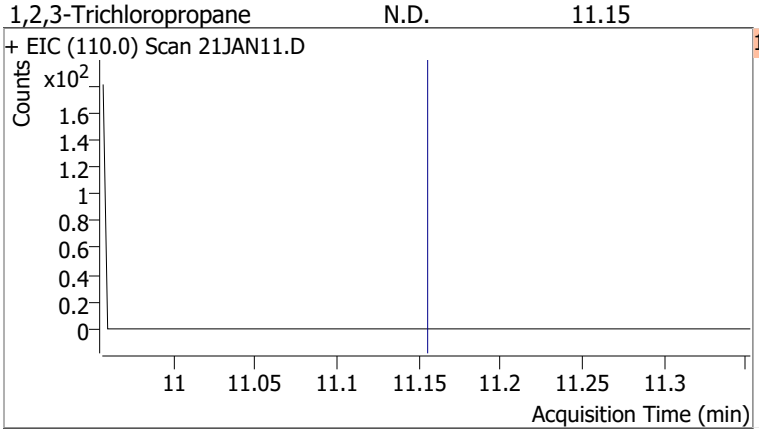


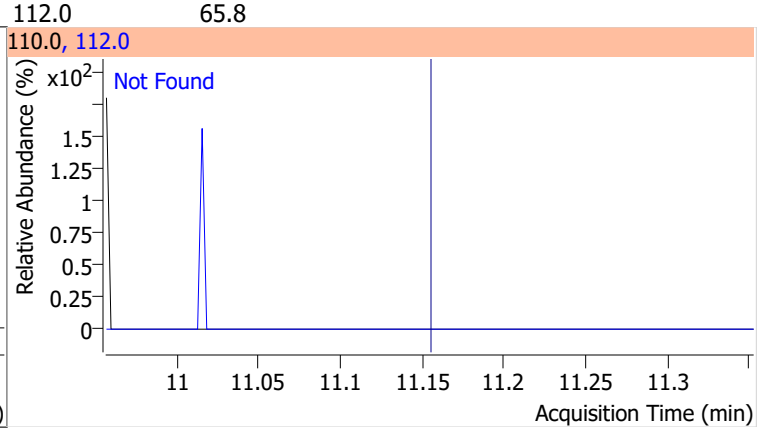
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



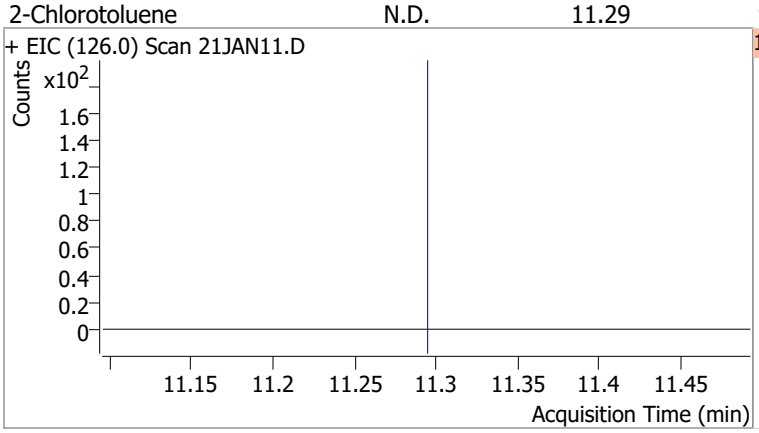


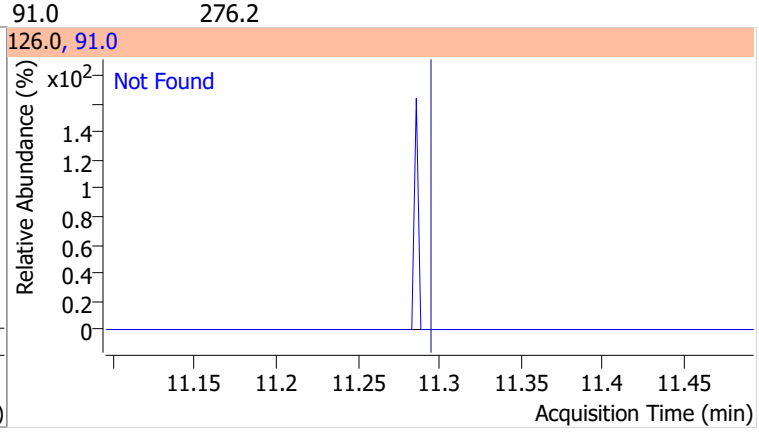
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



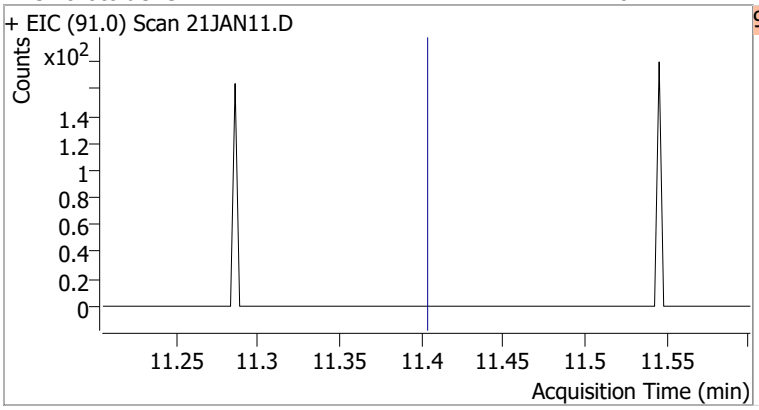


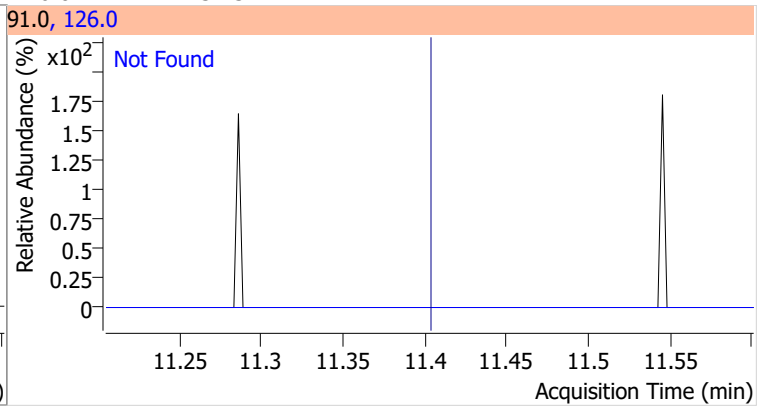
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



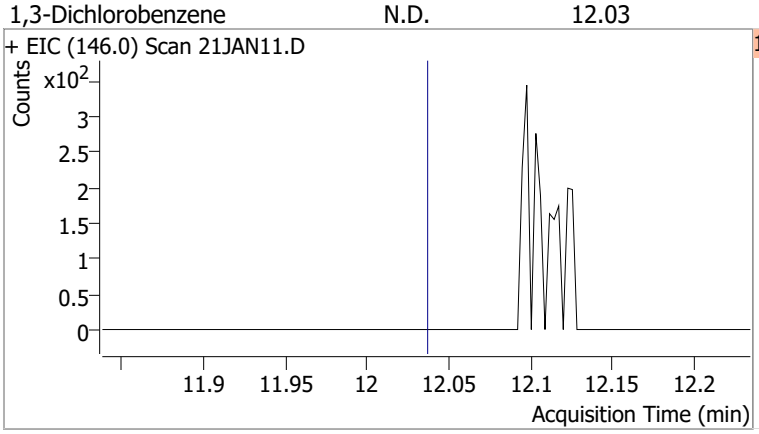


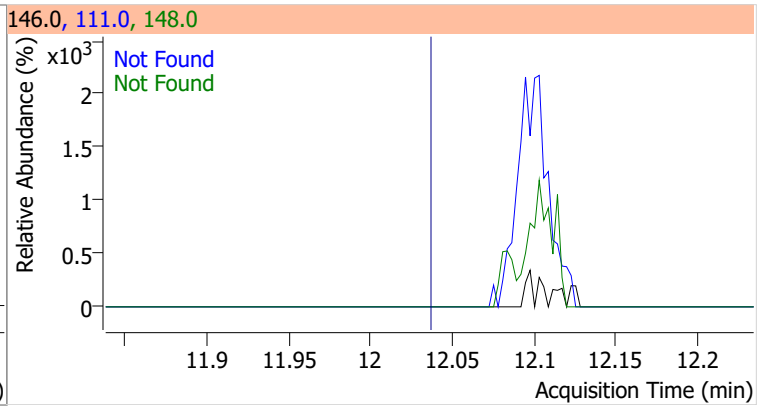
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



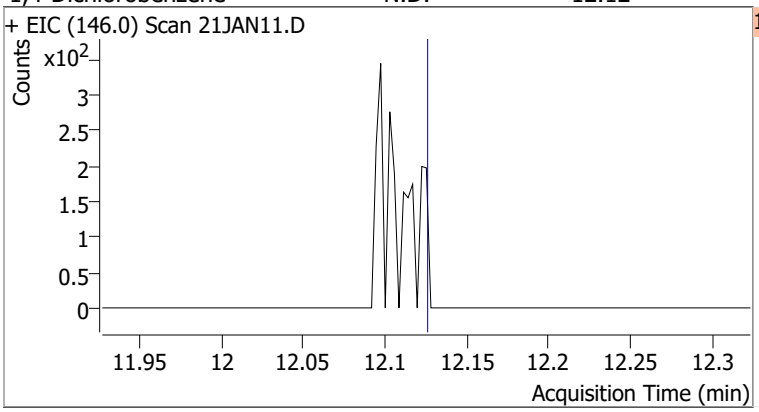


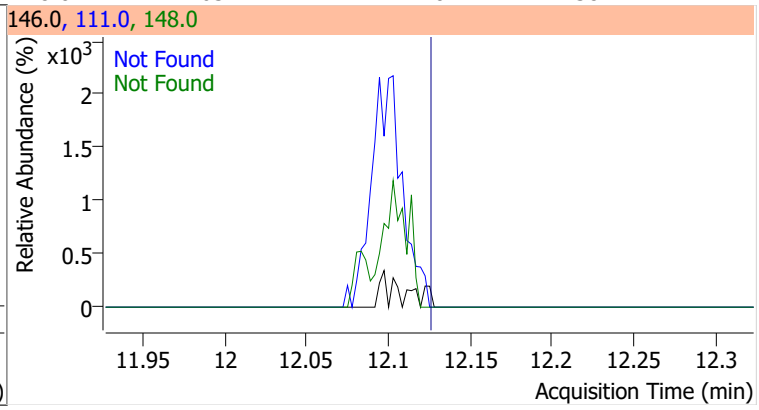
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



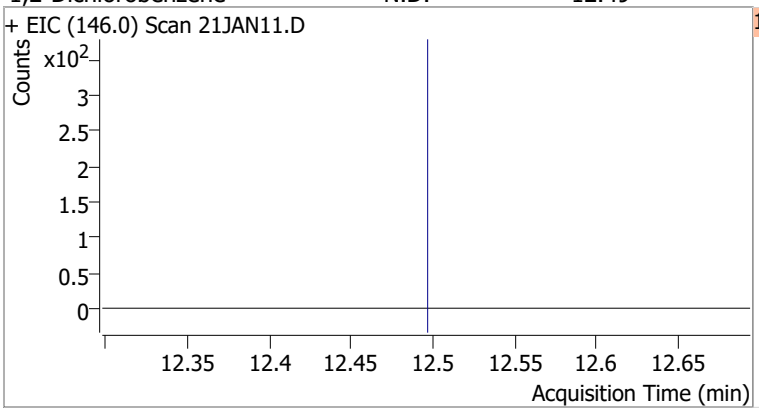


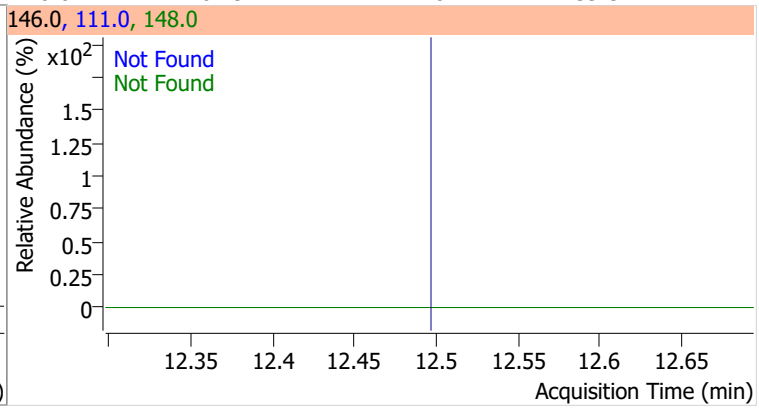
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





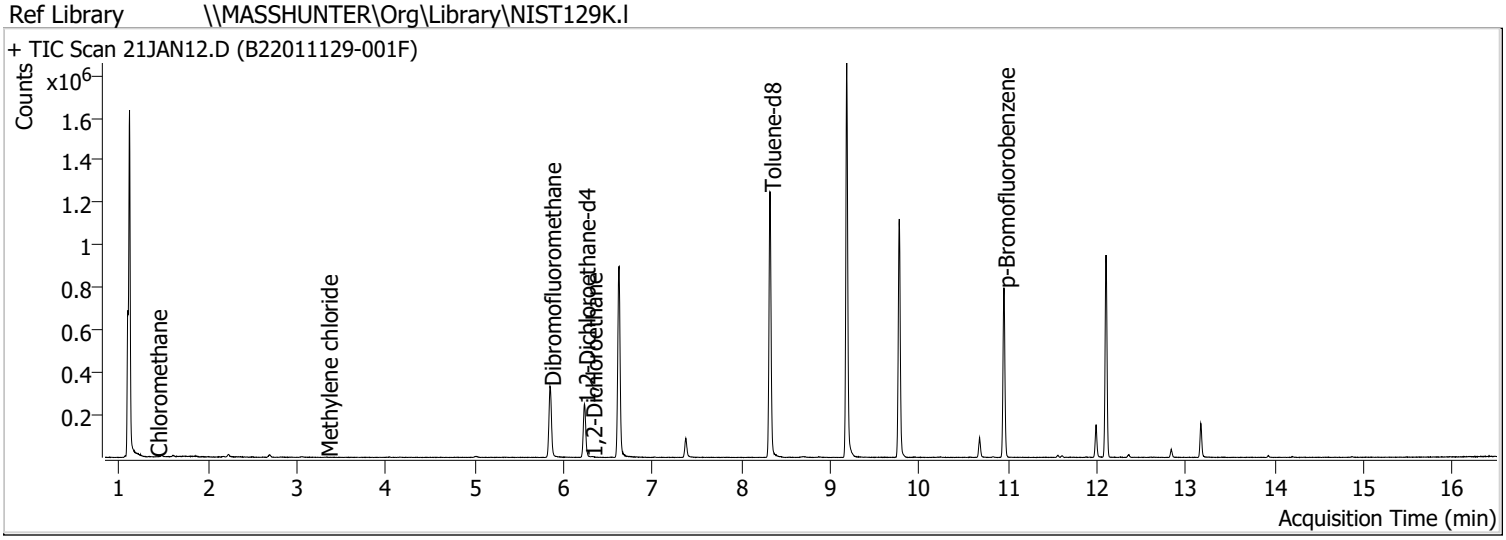
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN12.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 2:47:39 PM
Sample Name	B22011129-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

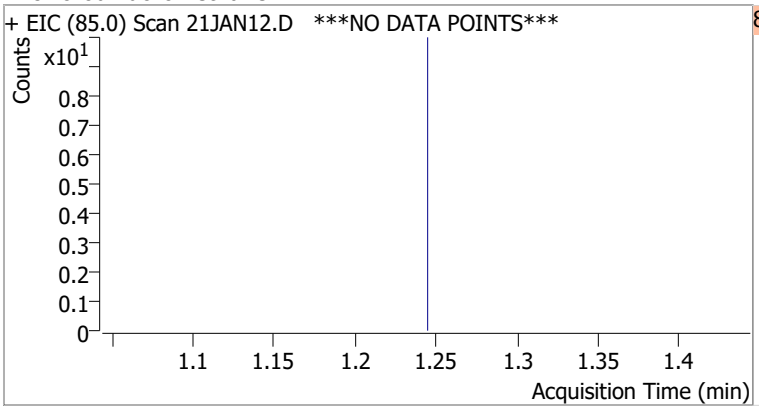


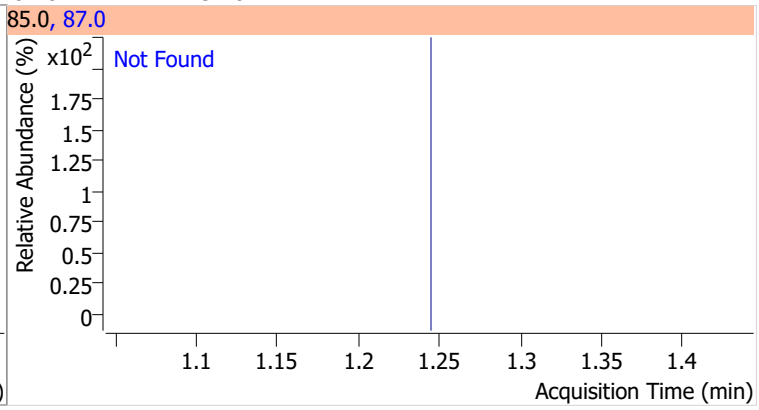
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.623	96.0	770153	250.0000	ng		0.003
M Chlorobenzene-d5	9.775	82.0	308617	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	234175	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	197259	264.4377	ng		-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 105.78%			
S 1,2-Dichloroethane-d4	6.233	67.0	91092	282.6894	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 113.08%			
S Toluene-d8	8.322	98.0	762283	253.1782	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 101.27%			
S p-Bromofluorobenzene	10.951	95.0	227094	262.6492	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.06%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.414	50.0	621	0.5092	ng	m	66
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.336	49.0	599	0.5319	ng	m	76
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	6.311	62.0	2019	2.3759	ng		91
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	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.			

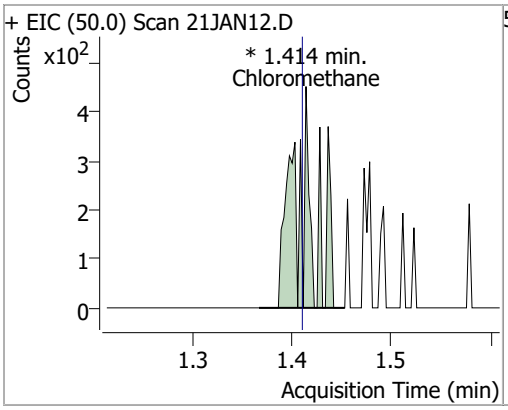
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

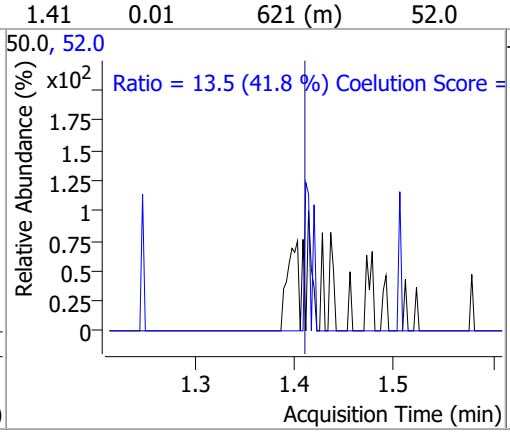
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

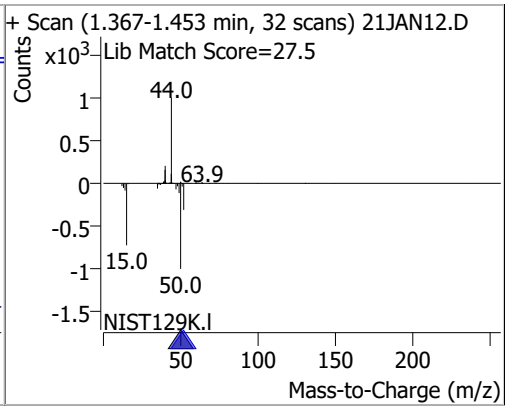




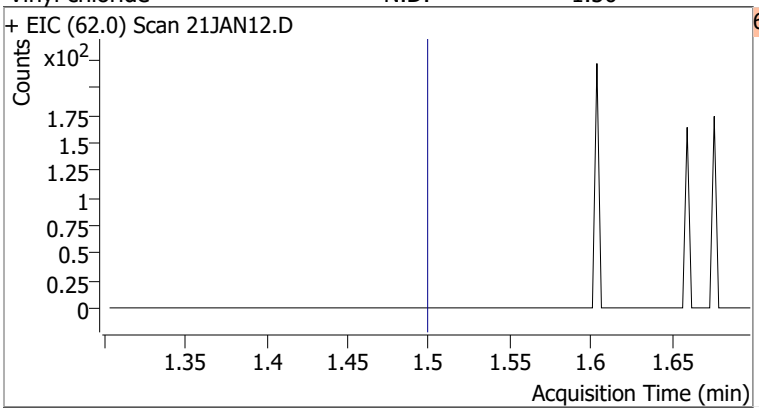
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.5092	1.41	0.01	621 (m)	52.0	13.5	2.4	62.4

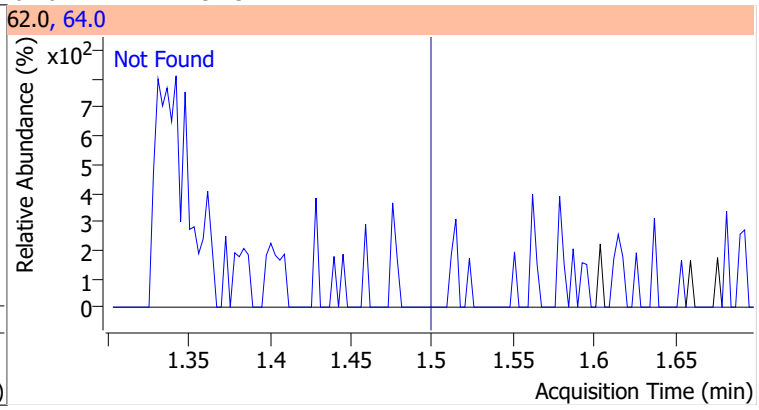




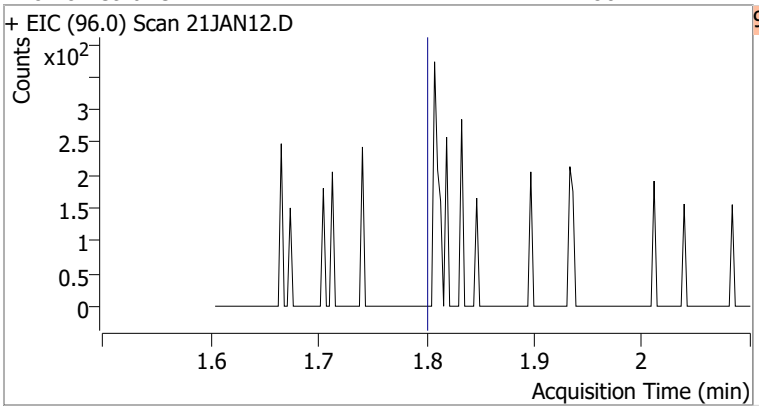


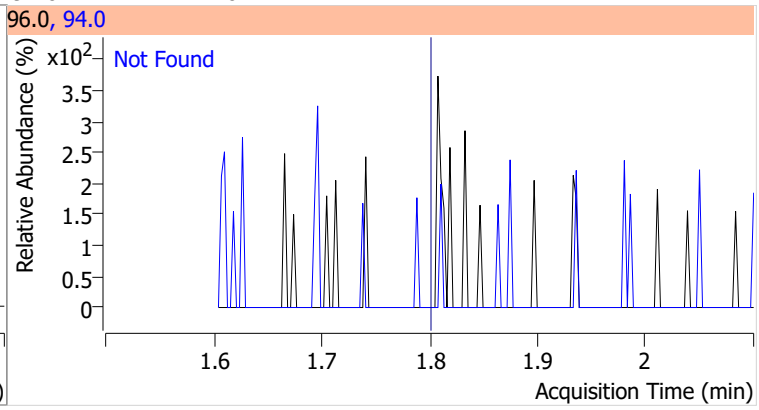
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



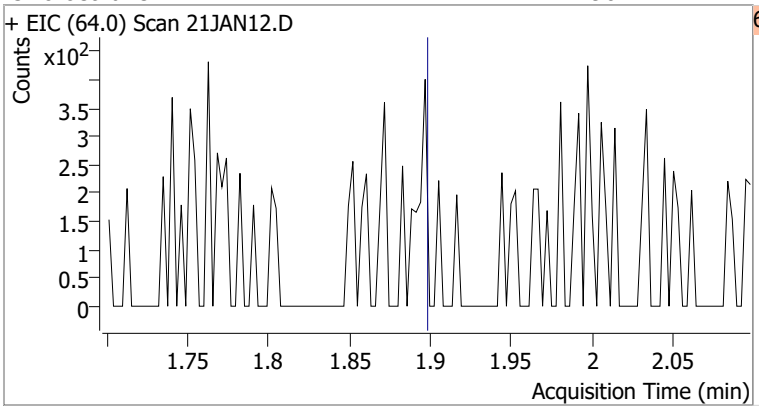


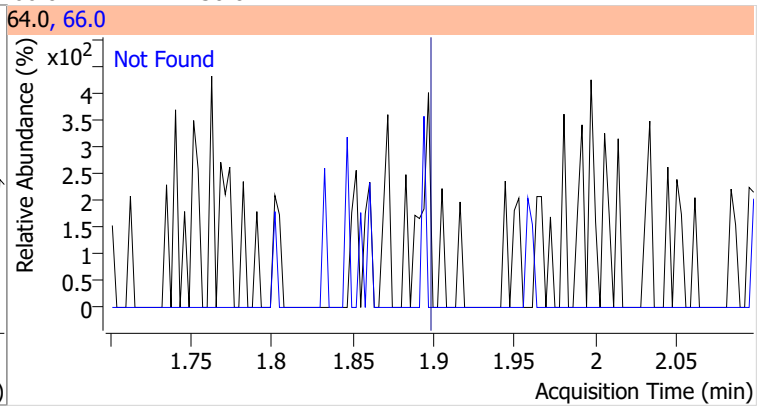
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



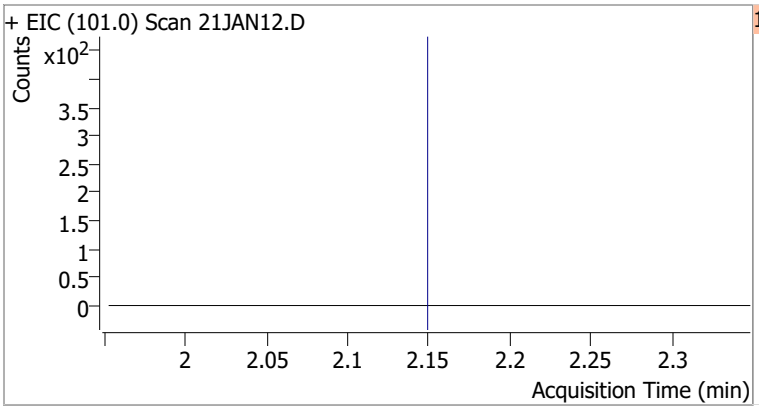


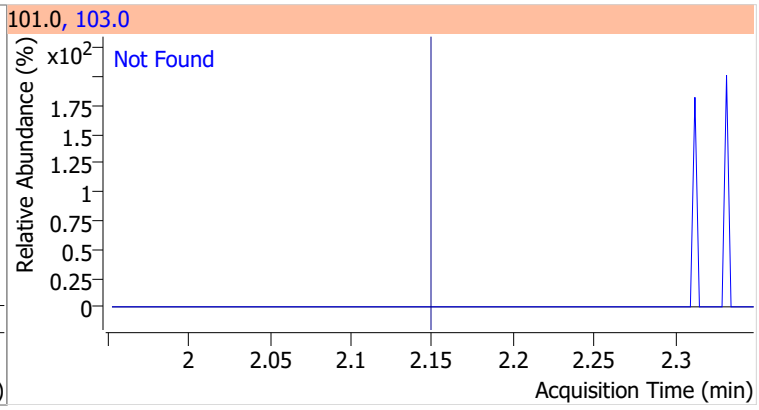
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



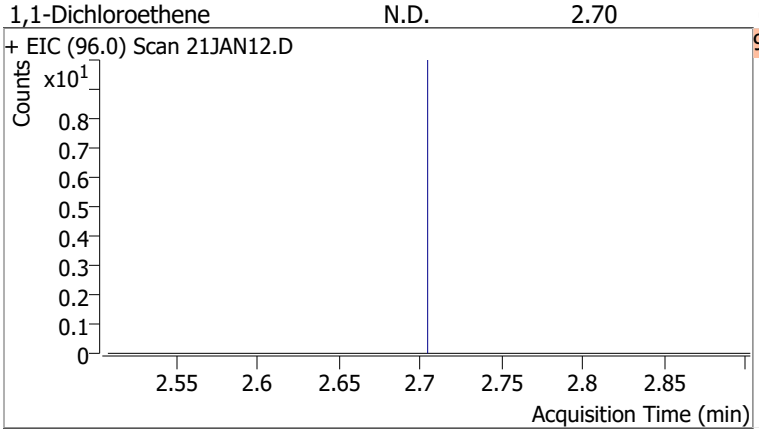


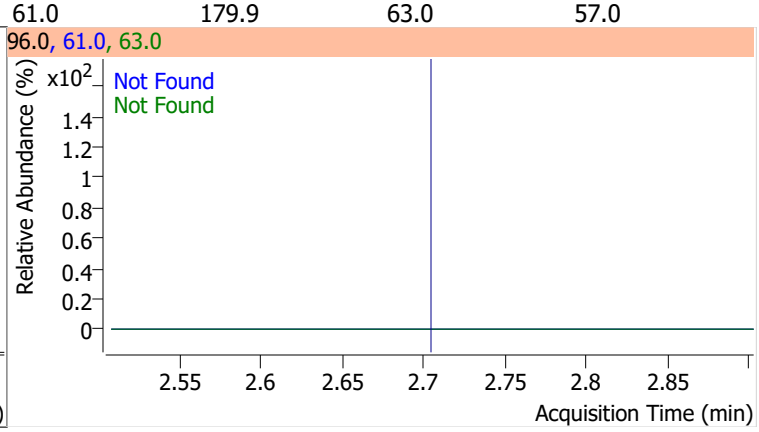
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



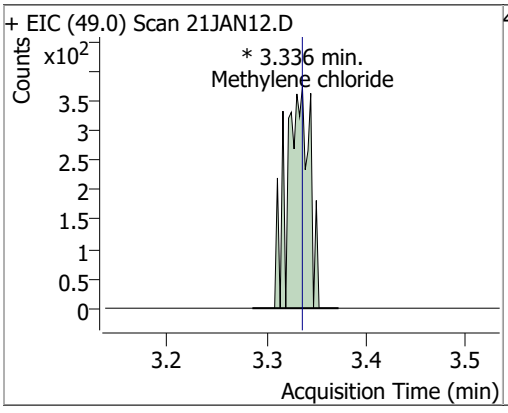


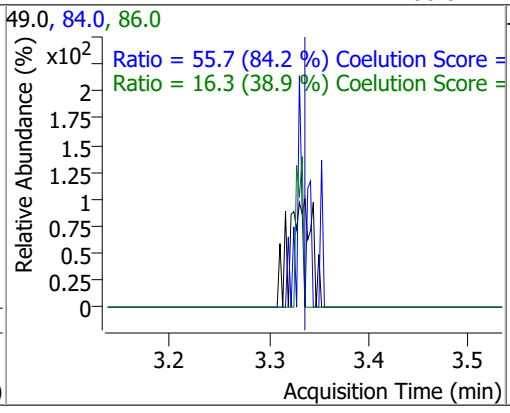
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

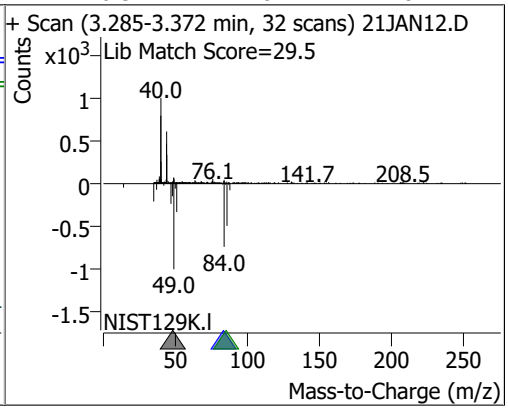




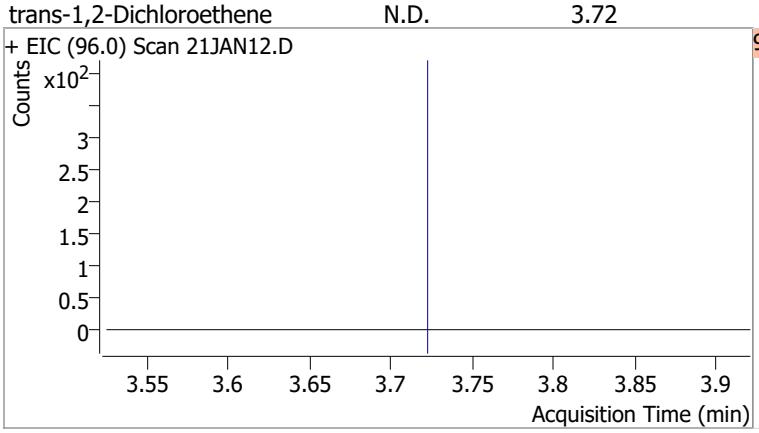
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.5319	3.34	0.00	599 (m)	84.0	55.7	36.1	96.1
					86.0	16.3	11.8	71.8

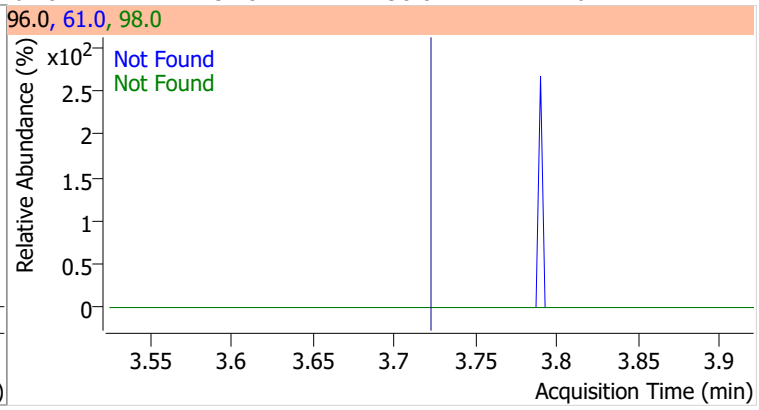




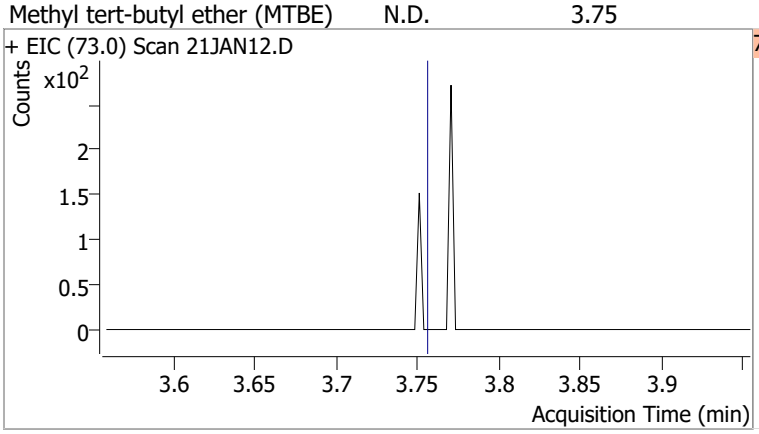


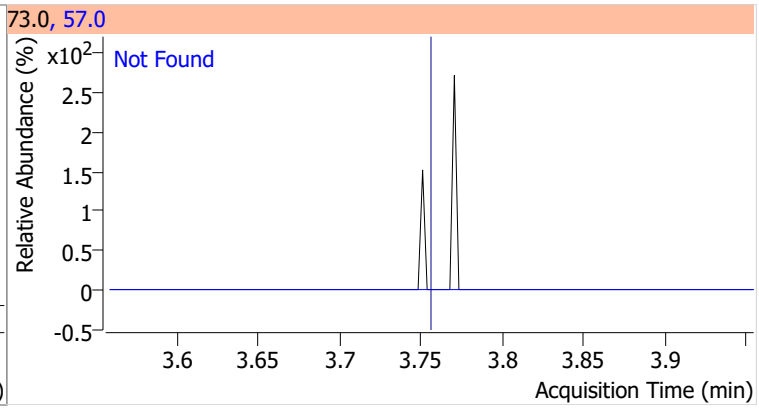
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



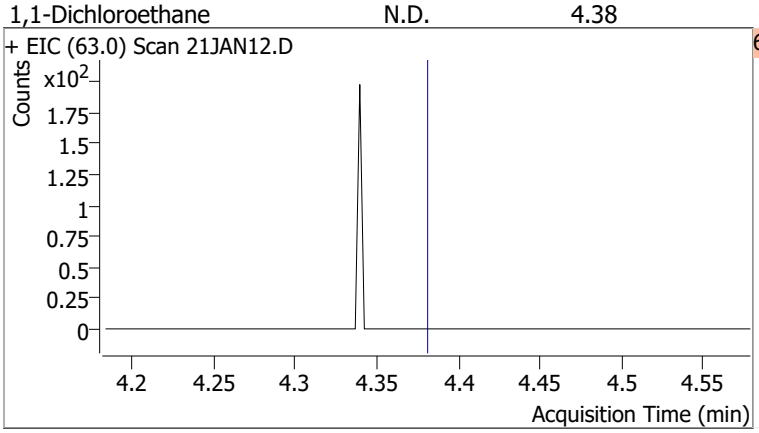


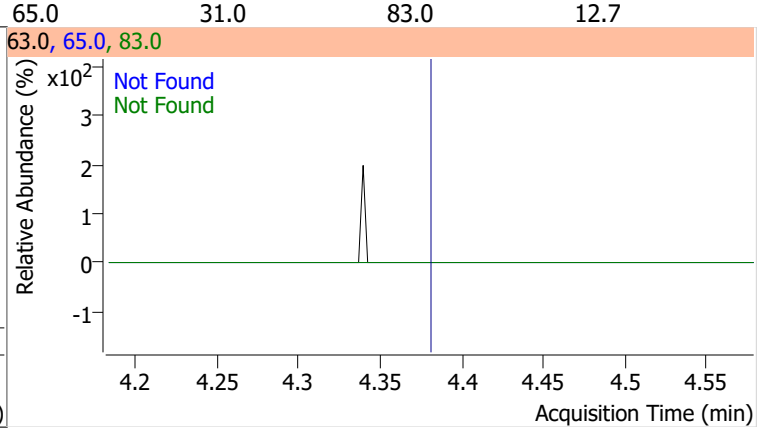
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



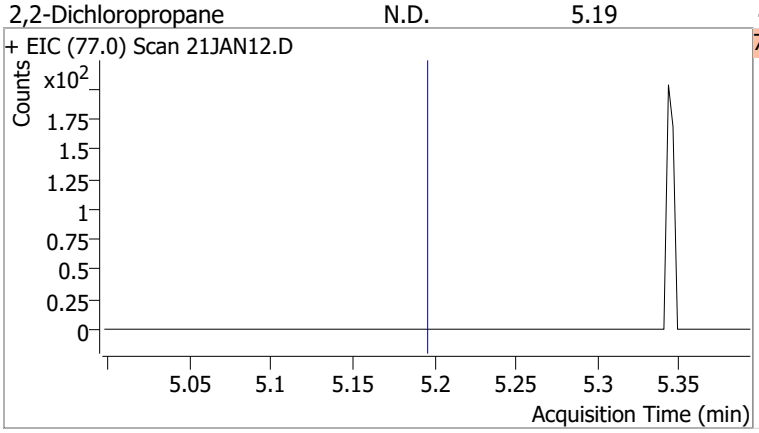


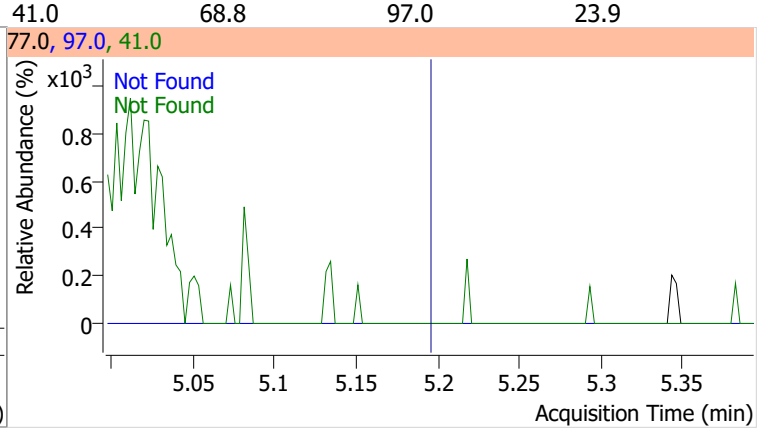
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



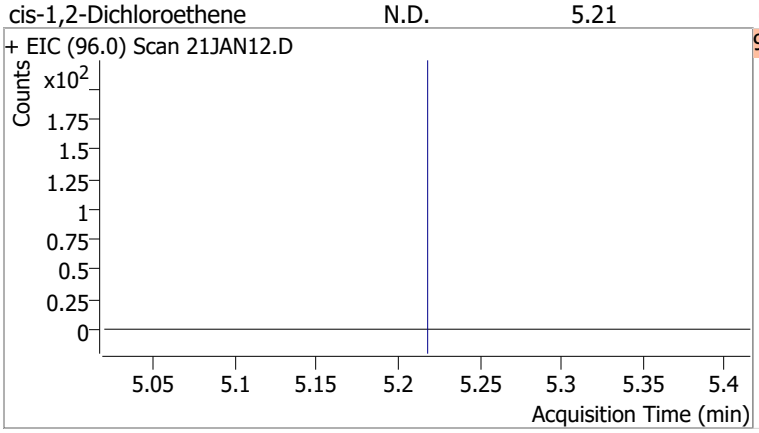


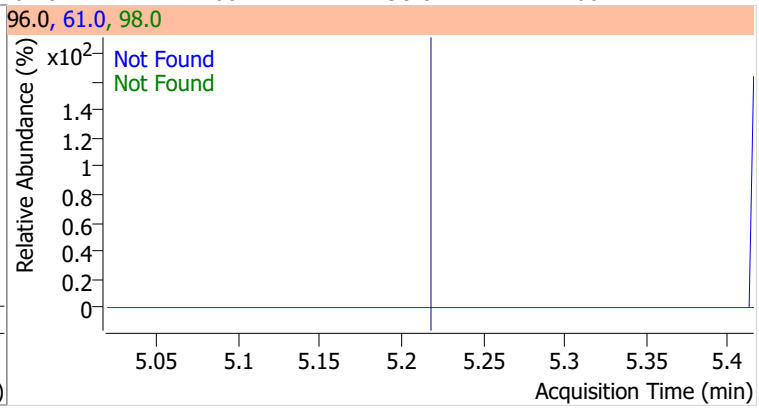
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



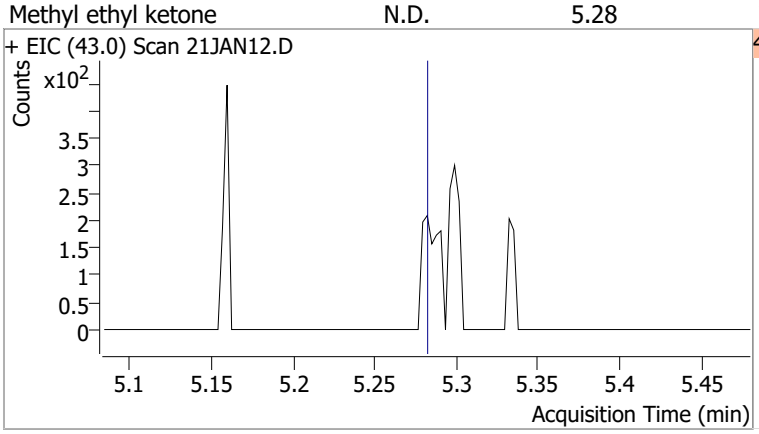


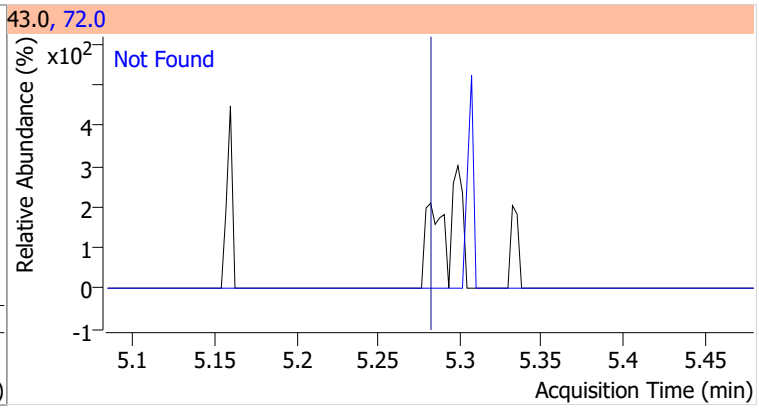
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



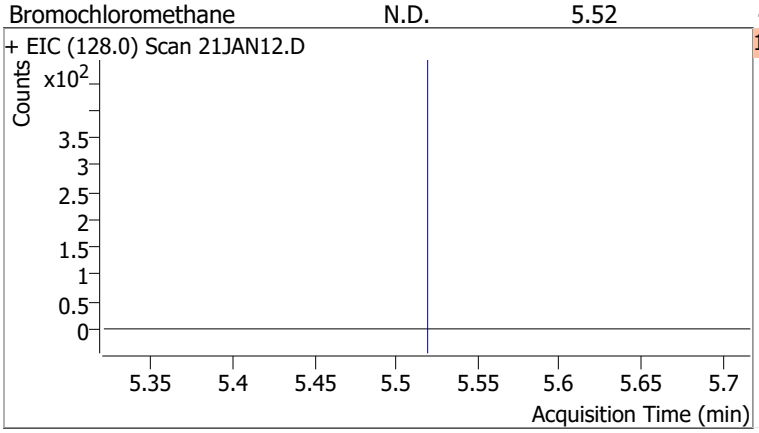


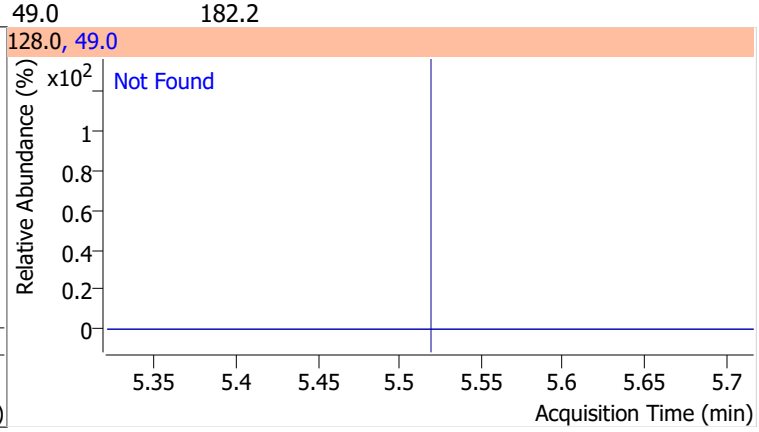
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



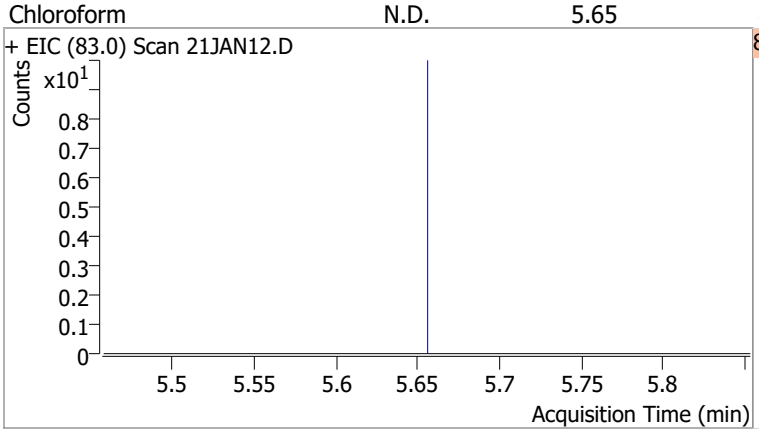


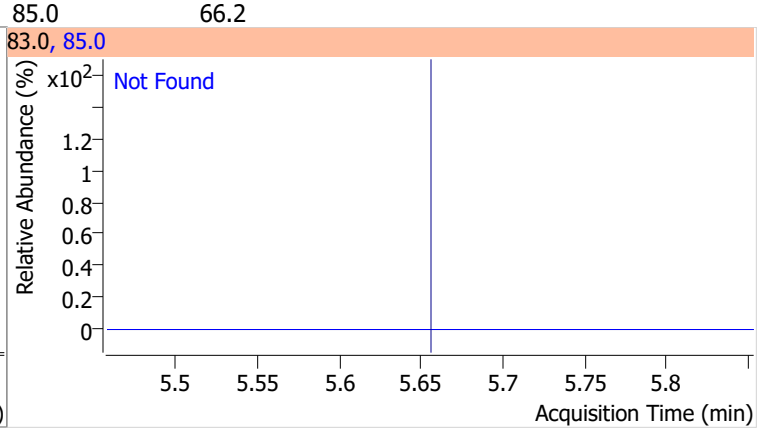
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



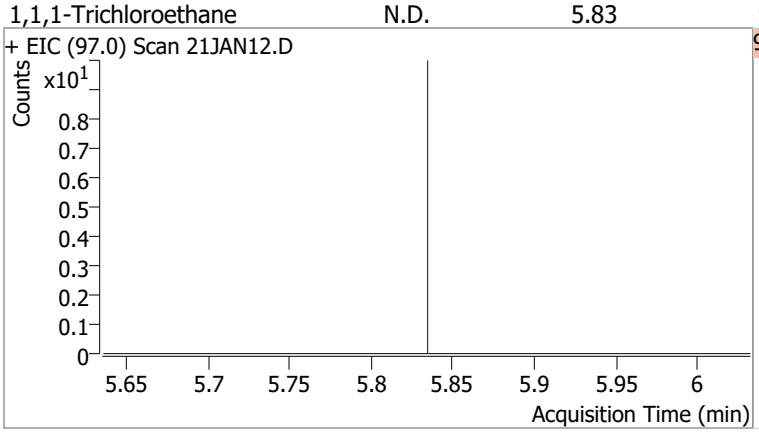


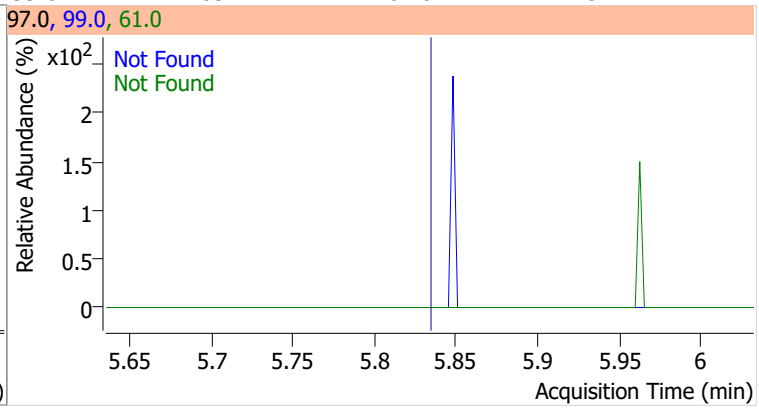
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



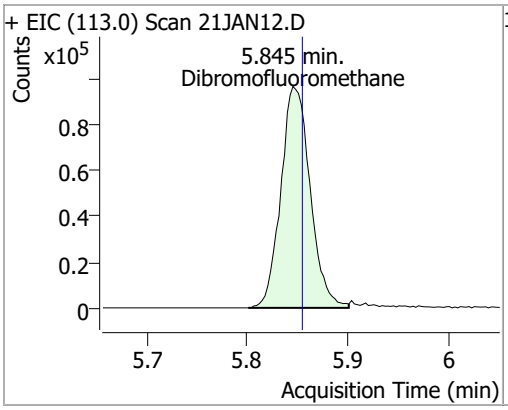


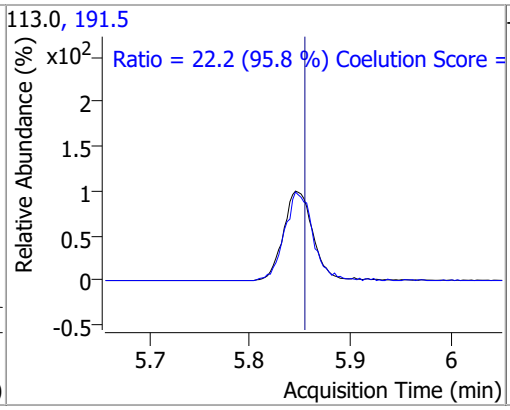
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

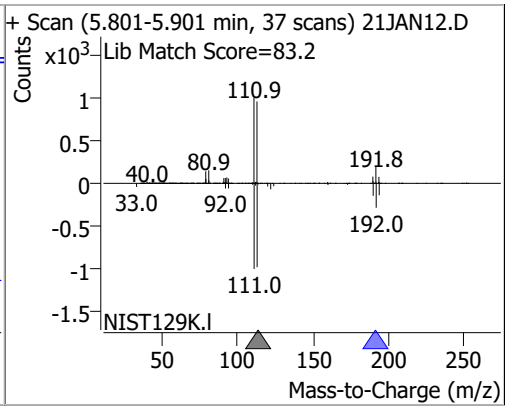




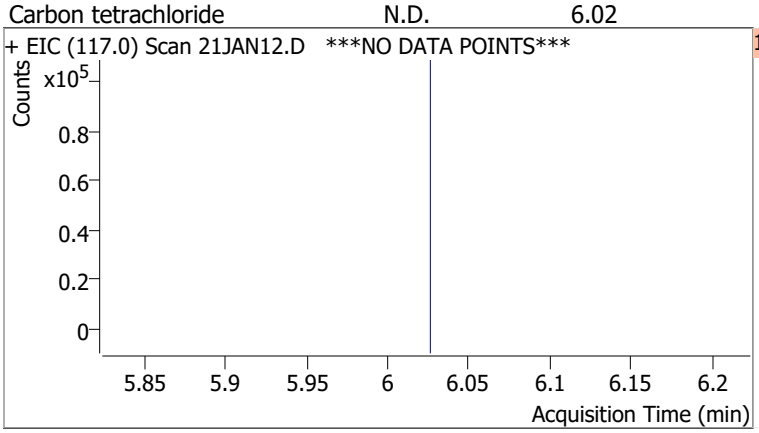
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	264.4377	5.85	-0.01	197259	191.5	22.2	0.0	53.2

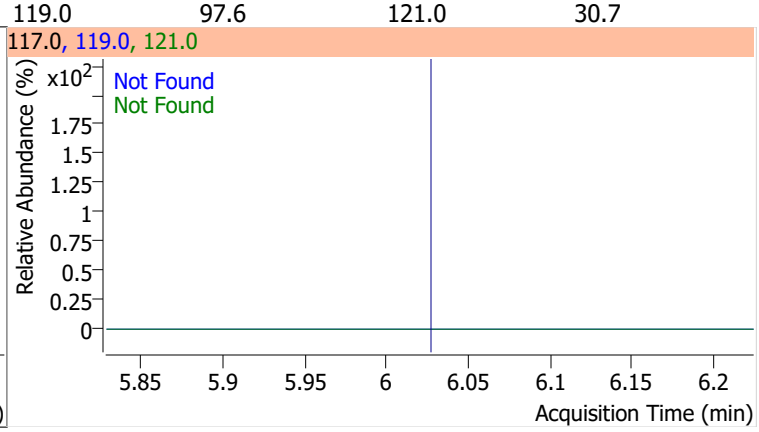




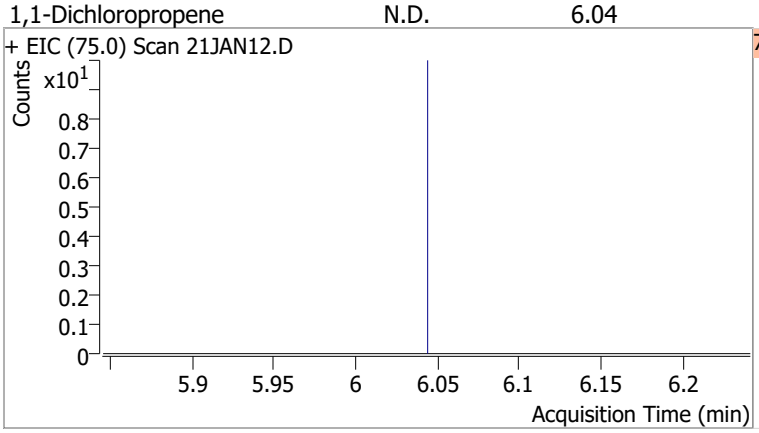


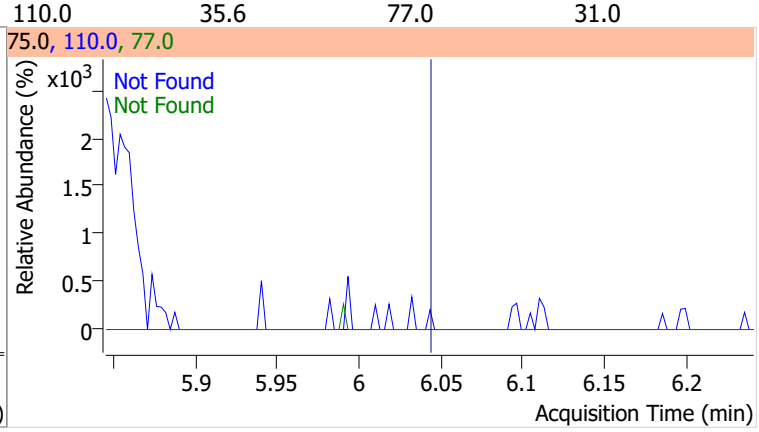
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



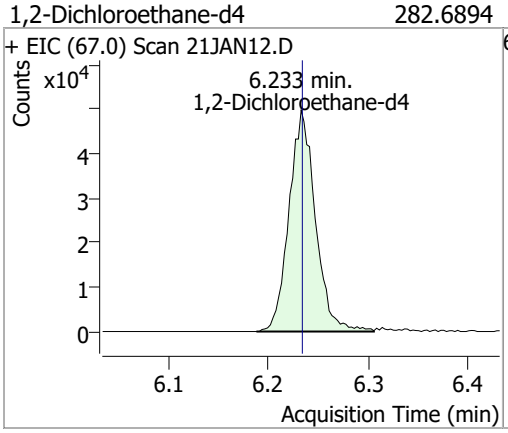


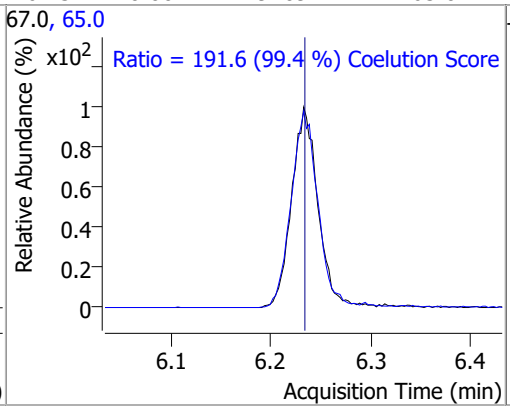
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

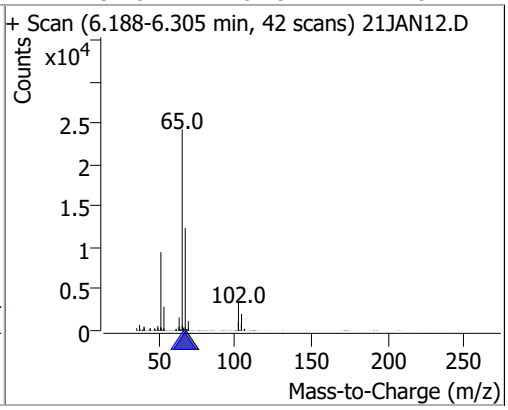




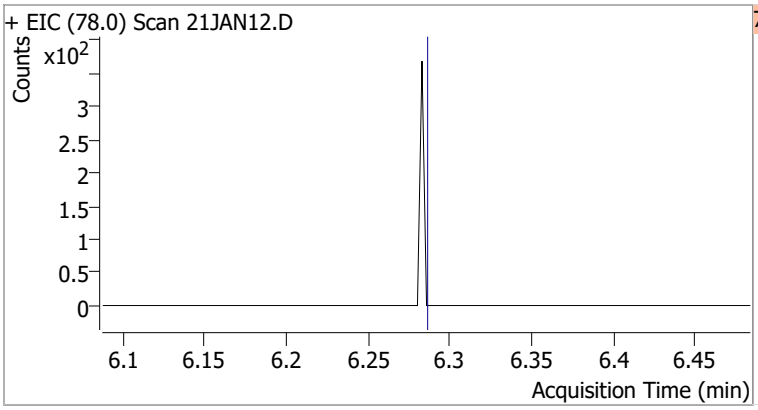
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	282.6894	6.23	0.00	91092	65.0	191.6	162.8	222.8

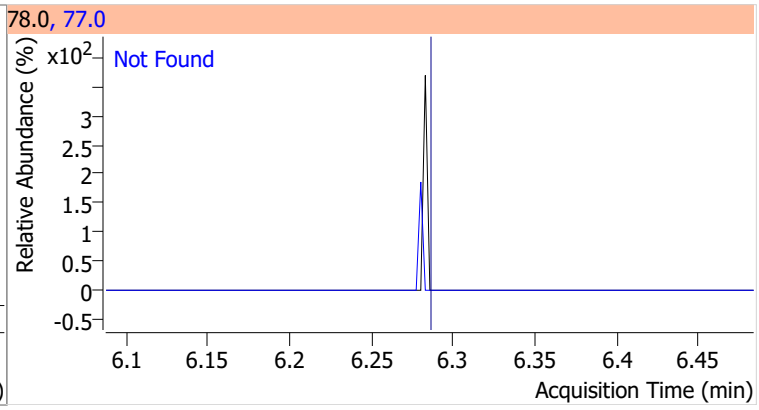




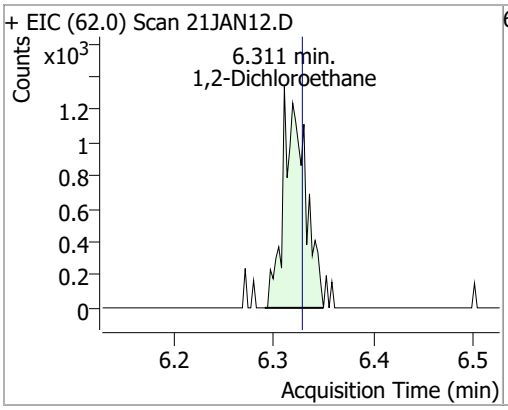


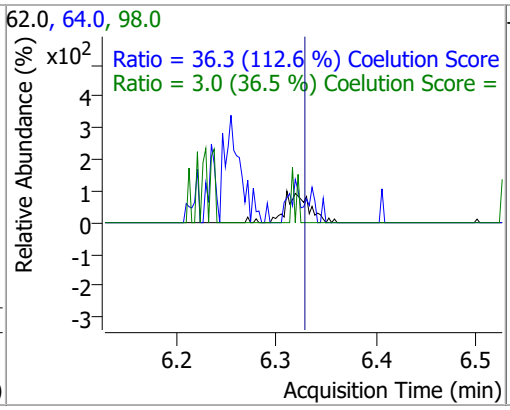
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3

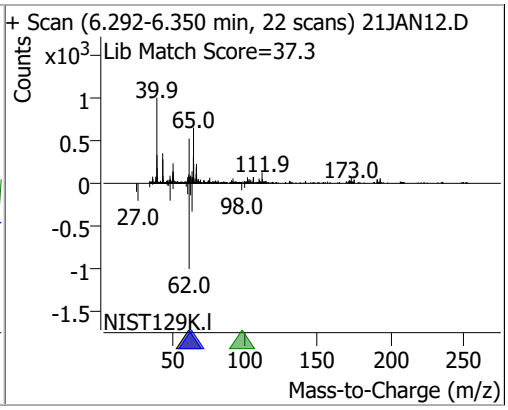




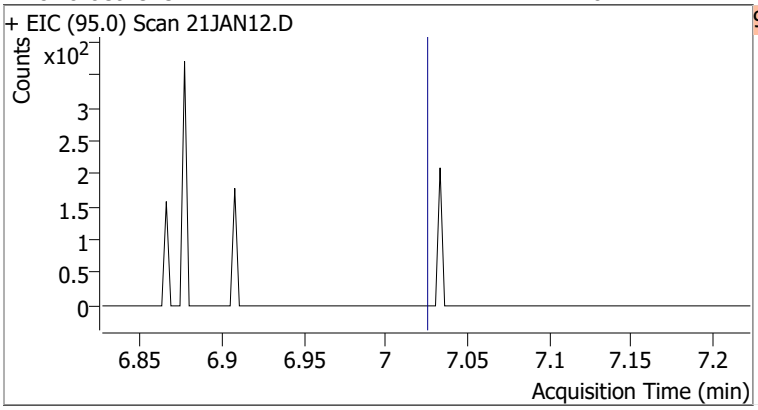
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.3759	6.31	-0.01	2019	64.0	36.3	2.2	62.2
					98.0	3.0	0.0	38.2

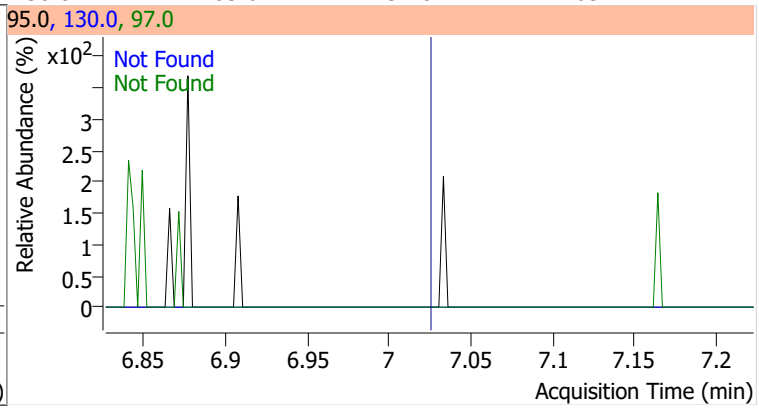




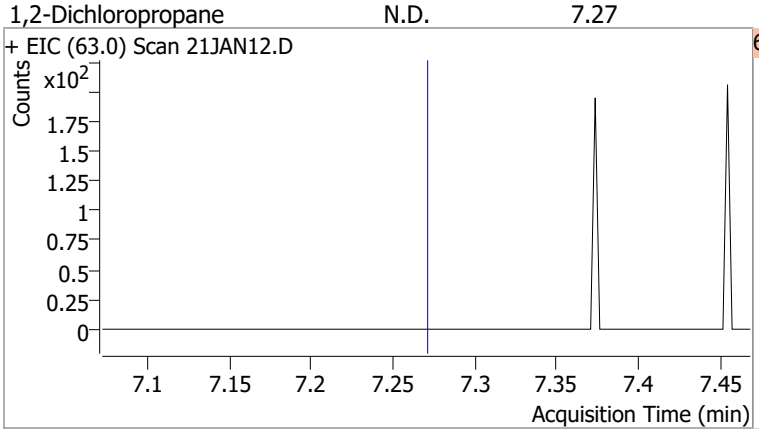


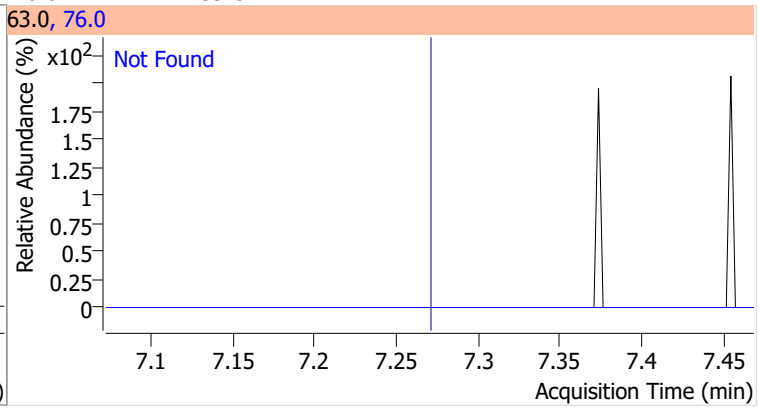
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



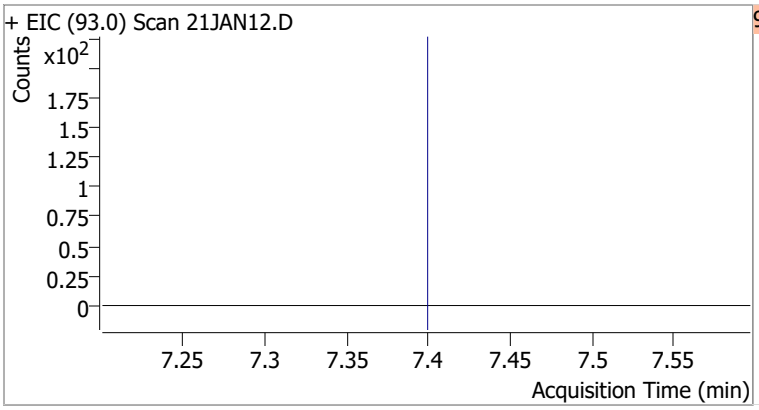


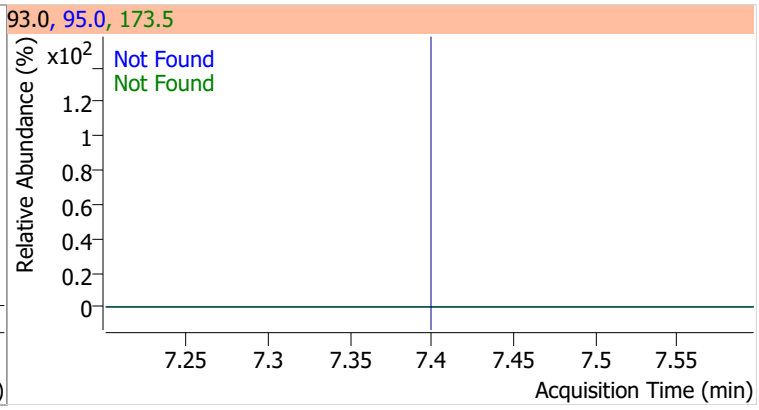
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



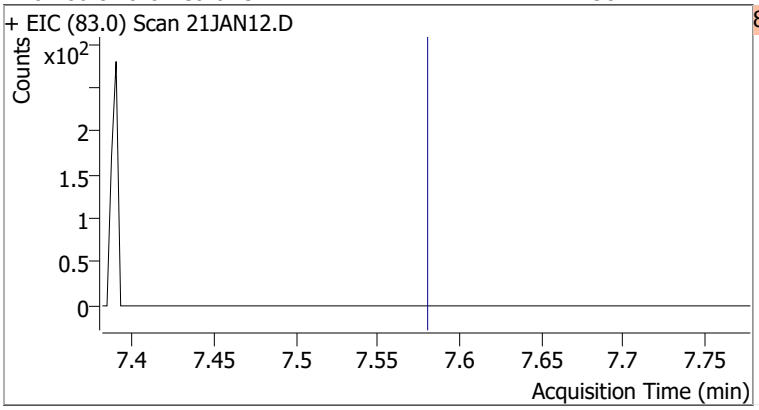


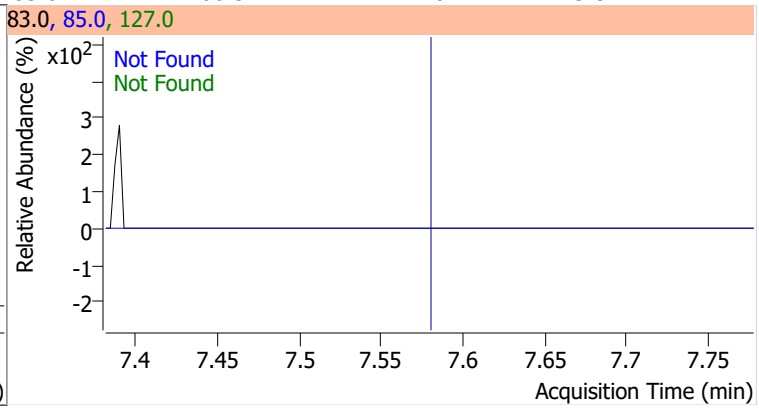
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



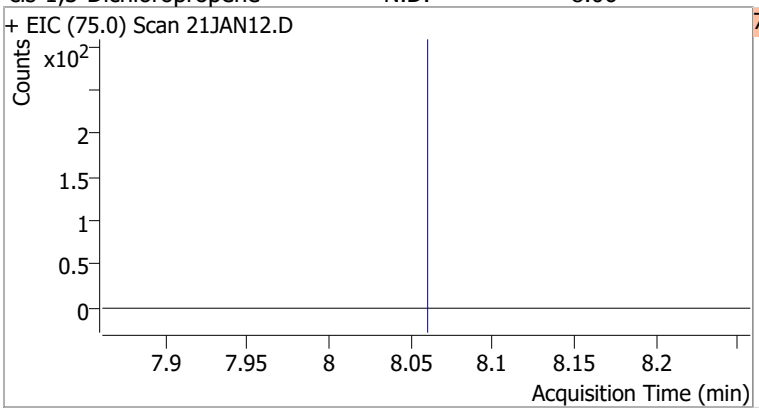


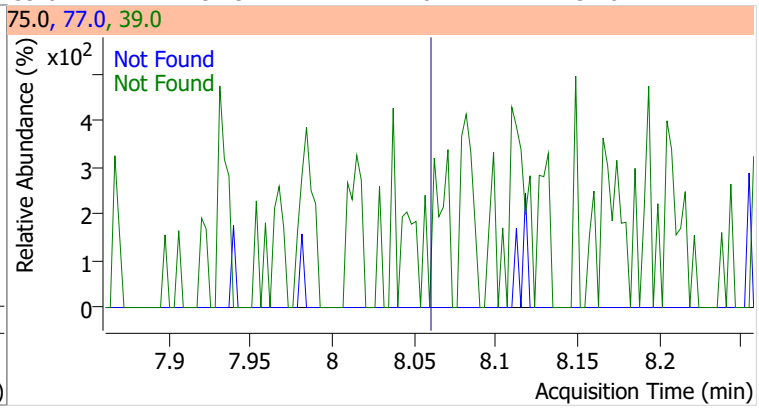
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



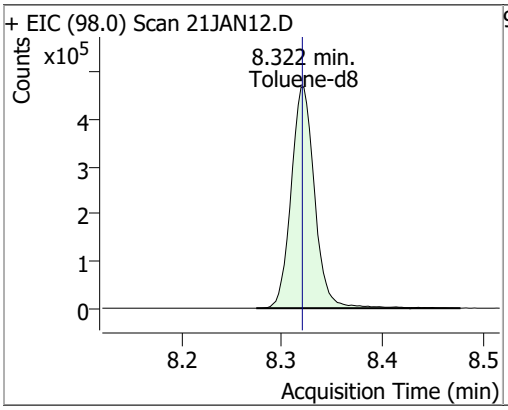


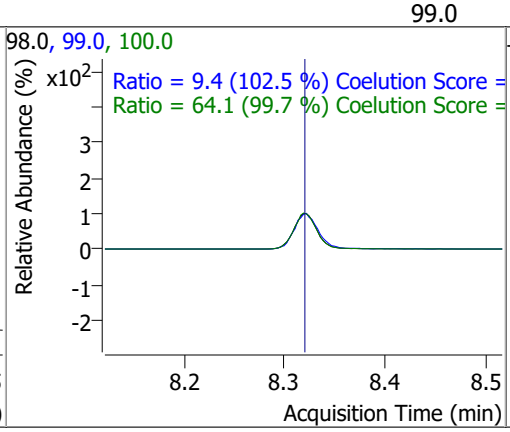
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

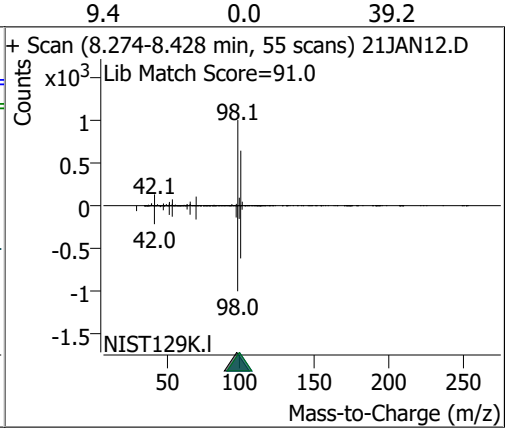




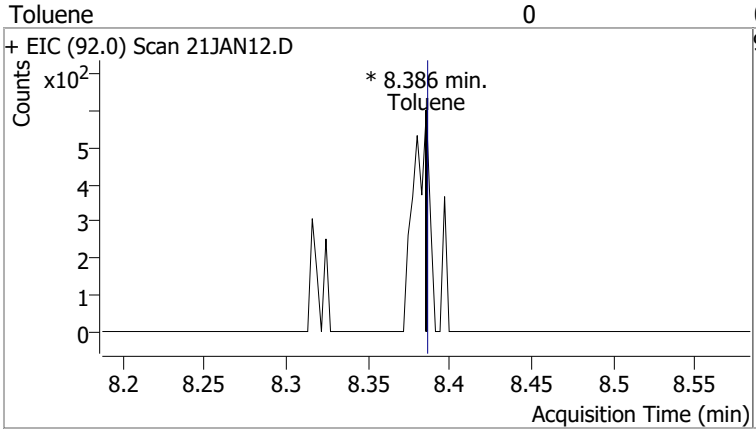
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	253.1782	8.32	0.00	762283	100.0	64.1	34.3	94.3
					99.0	9.4	0.0	39.2

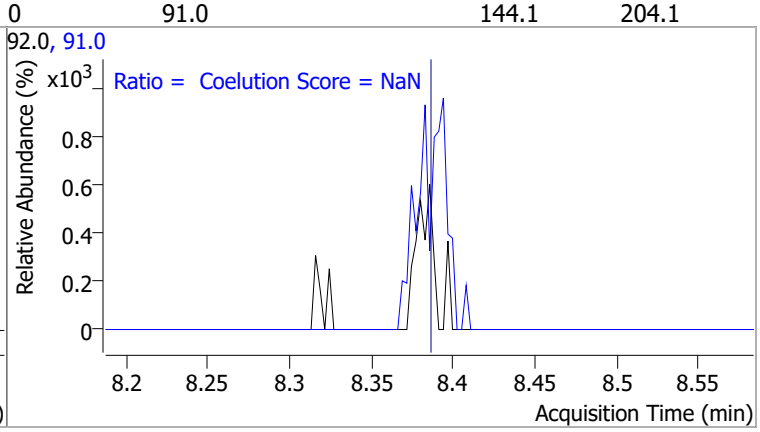




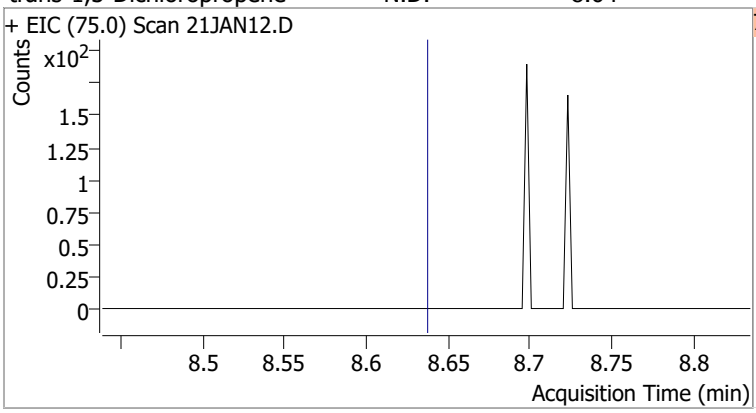


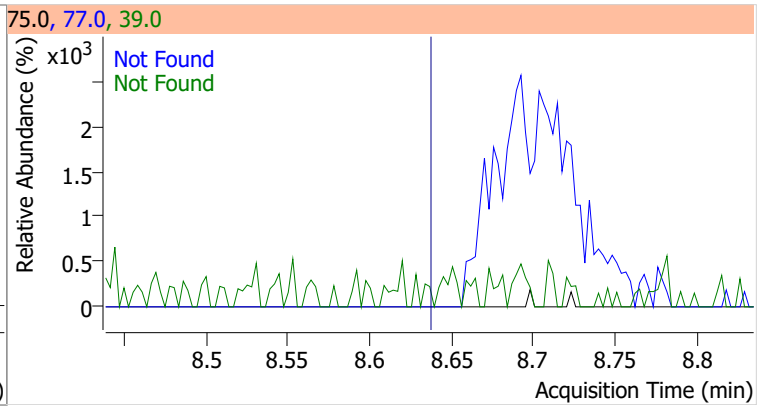
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



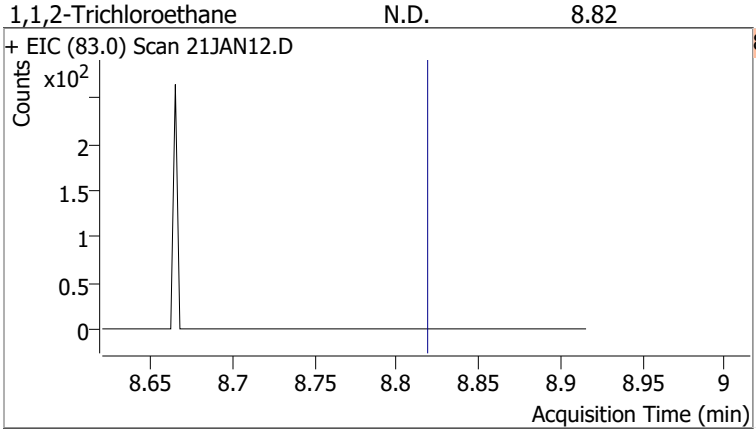


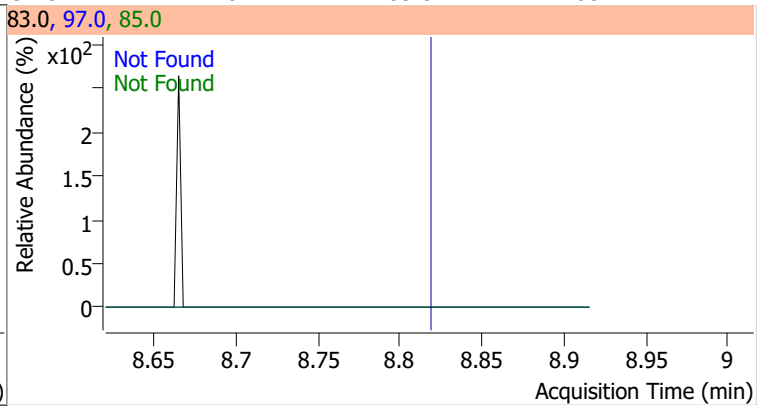
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



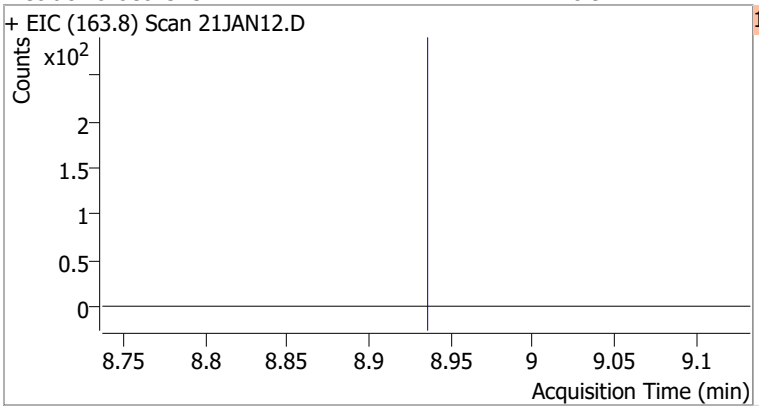


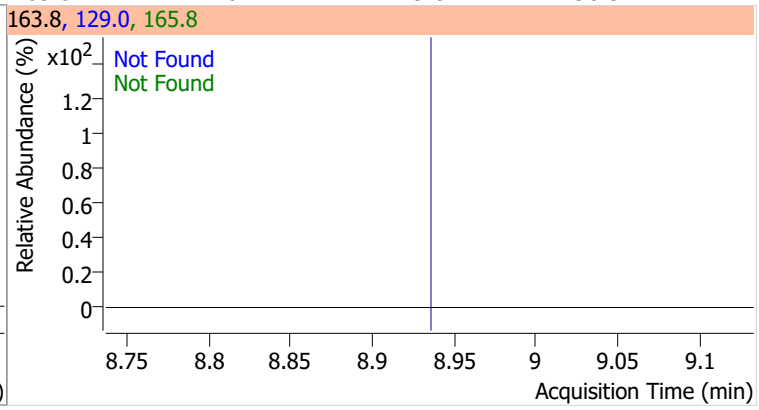
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



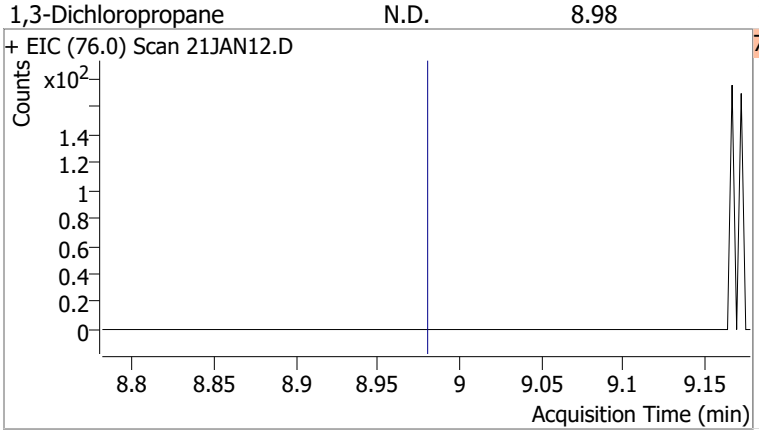


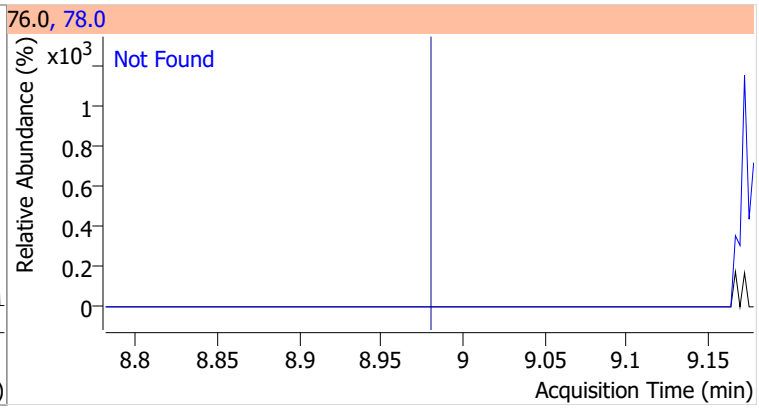
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



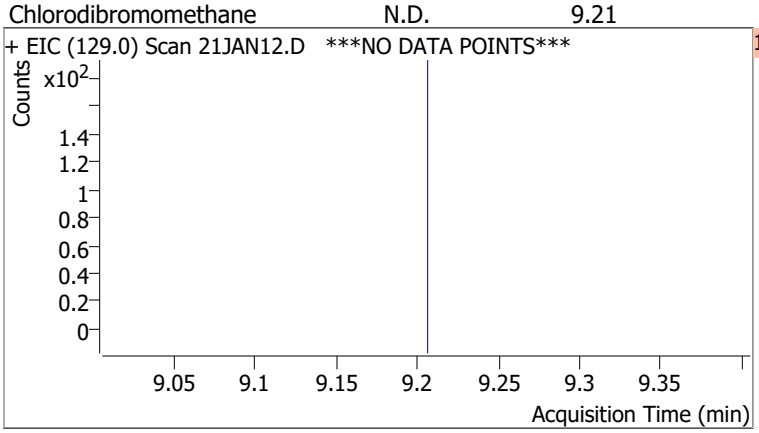


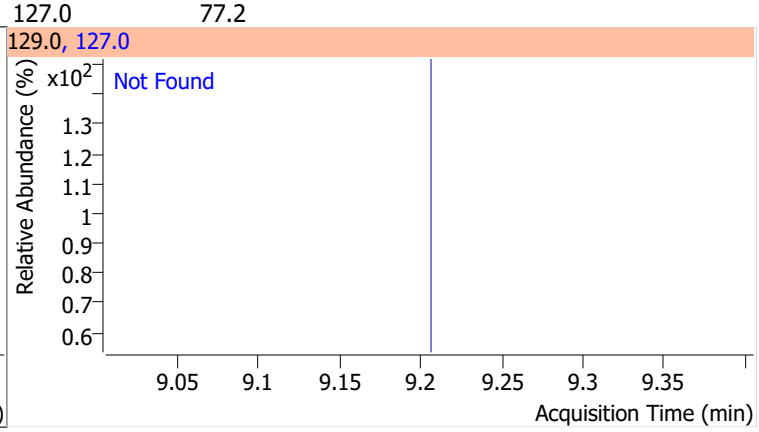
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



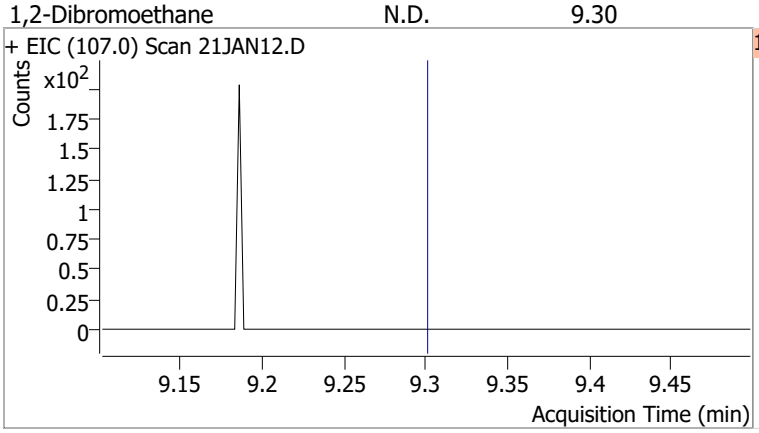


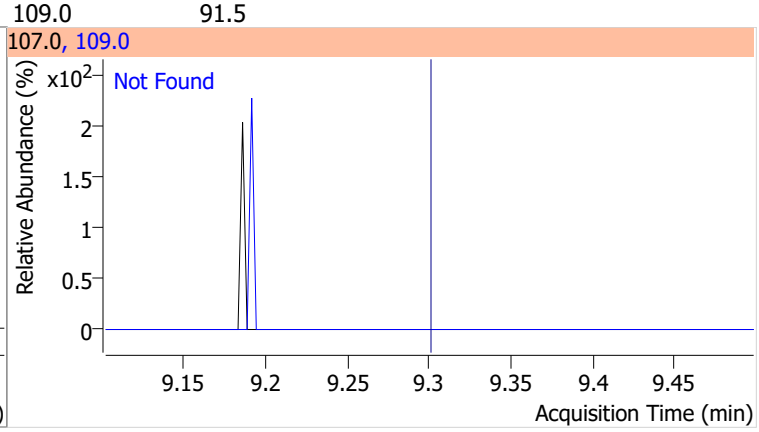
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



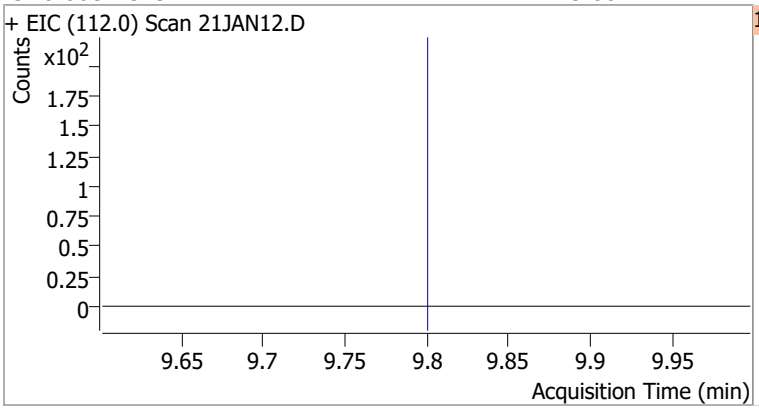


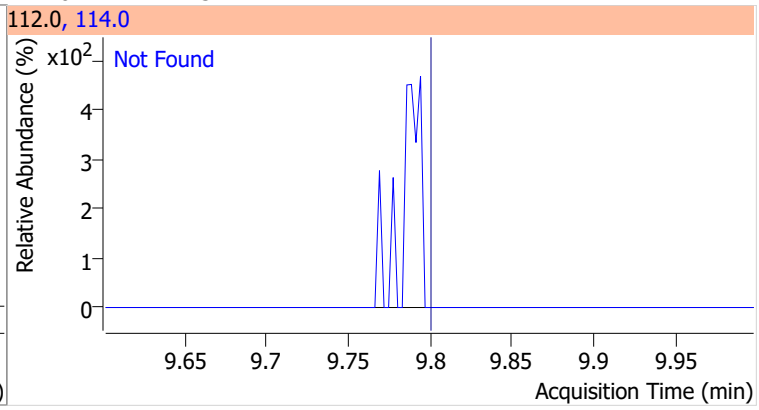
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



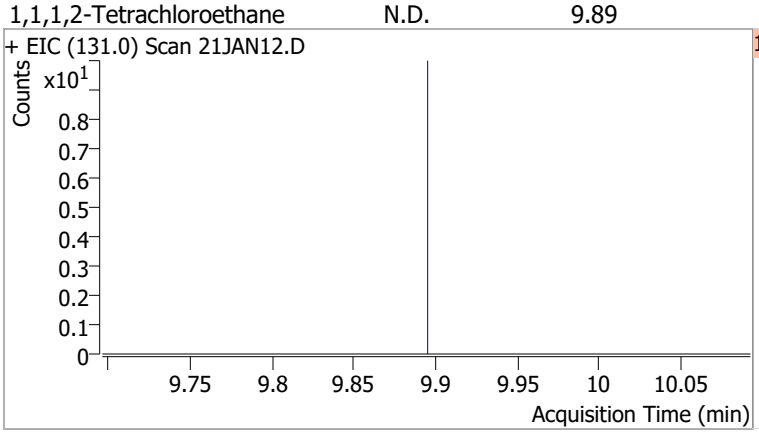


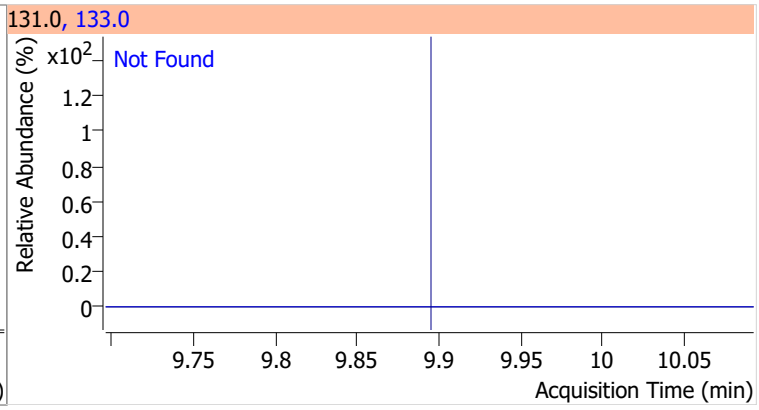
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



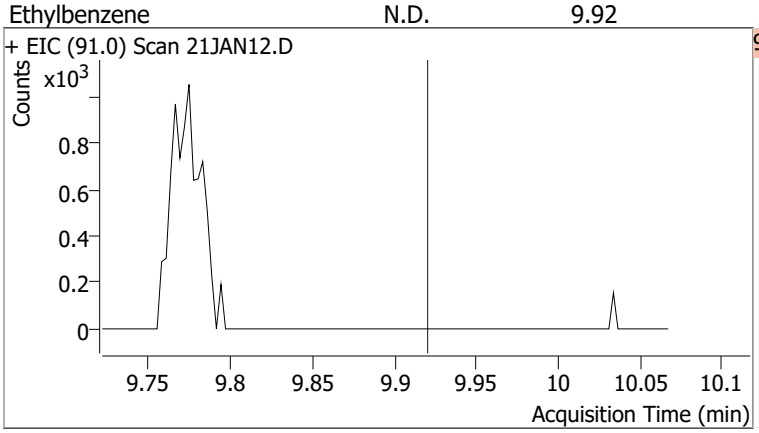


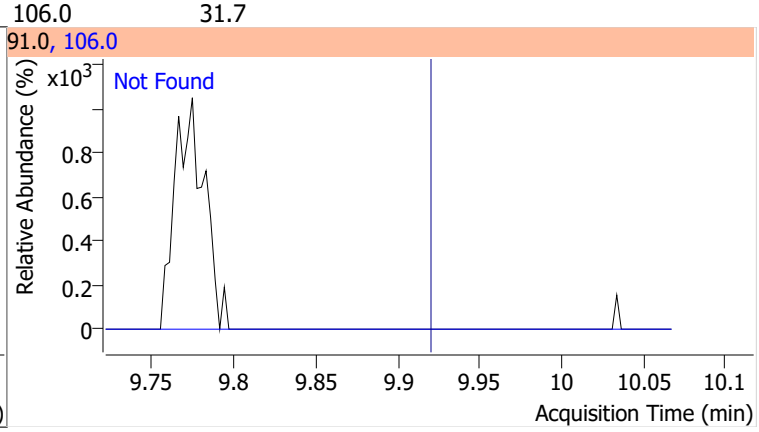
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



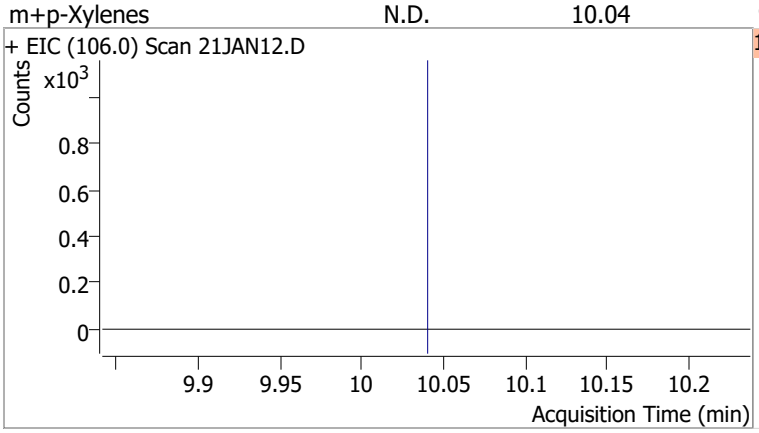


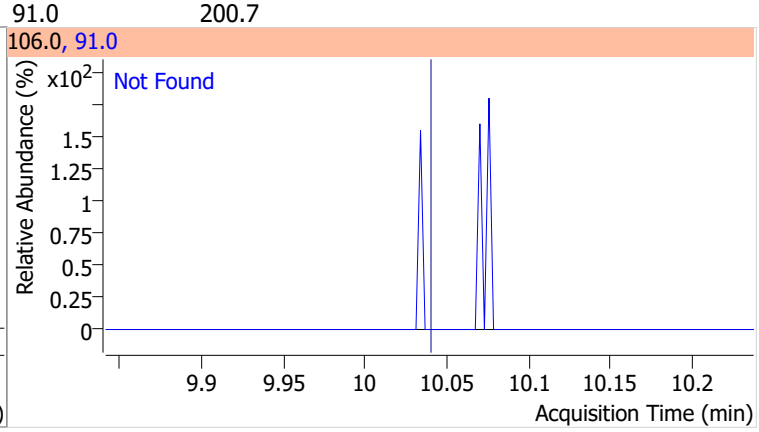
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



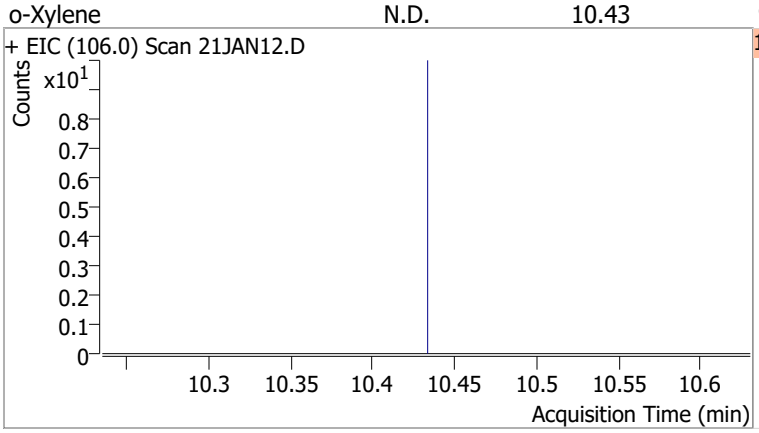


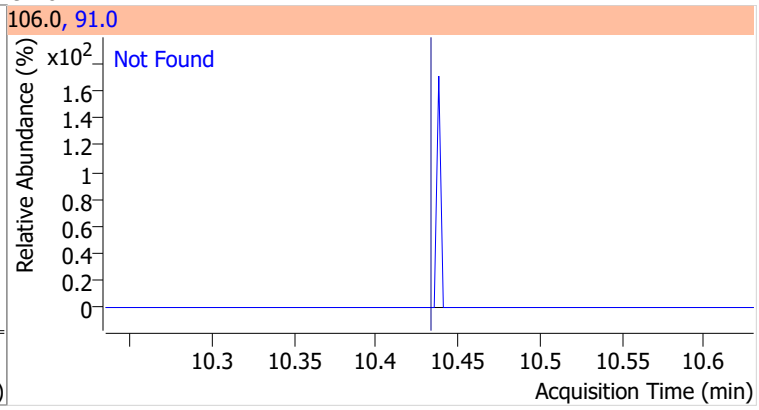
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



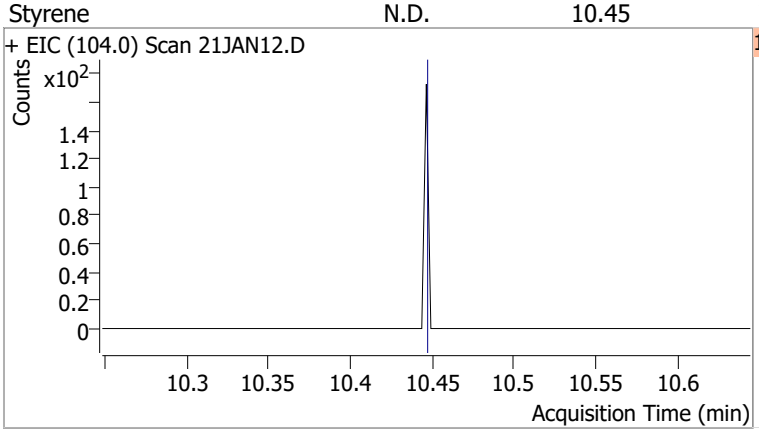


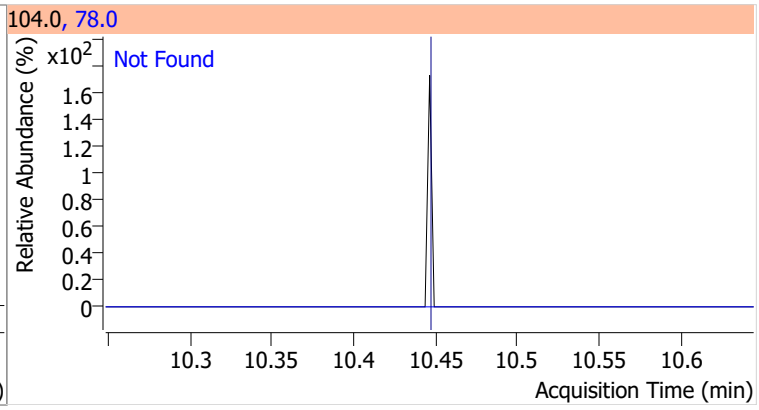
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



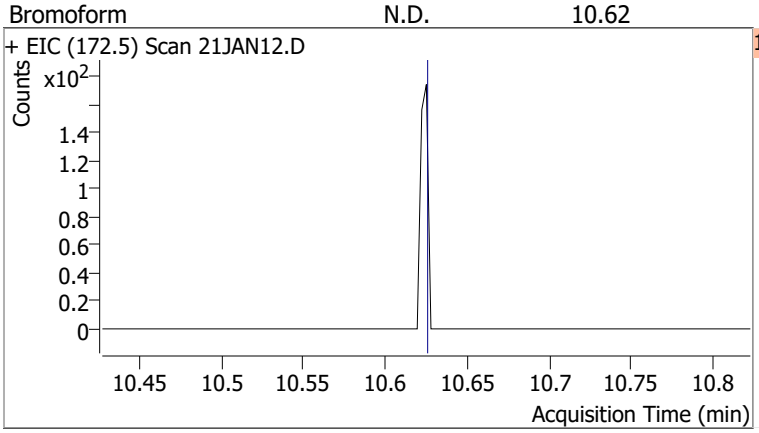


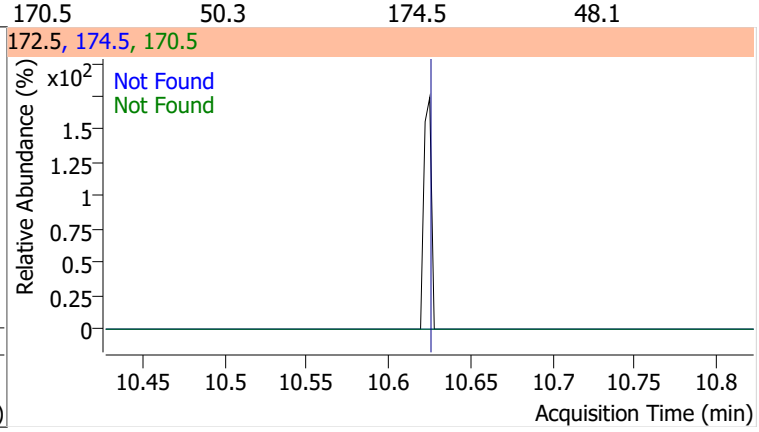
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



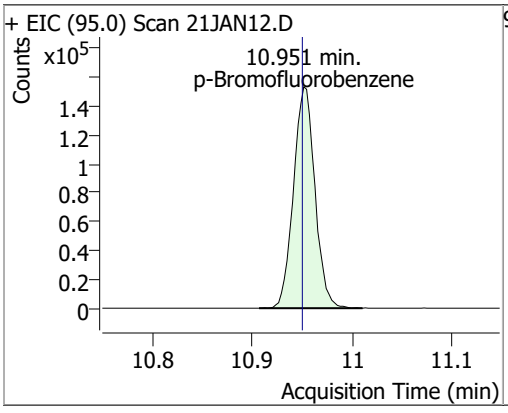


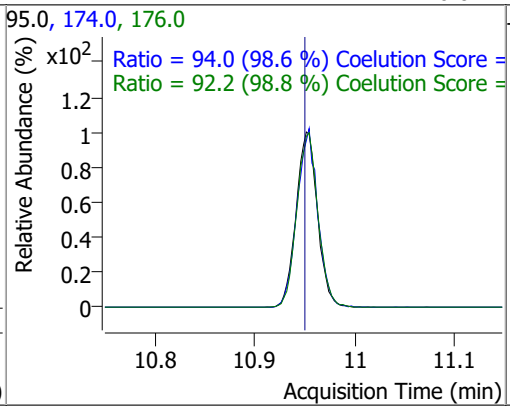
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

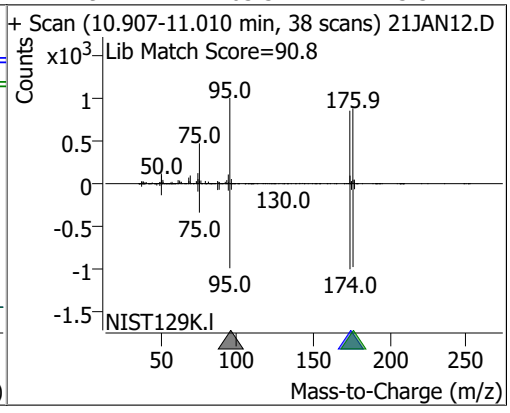




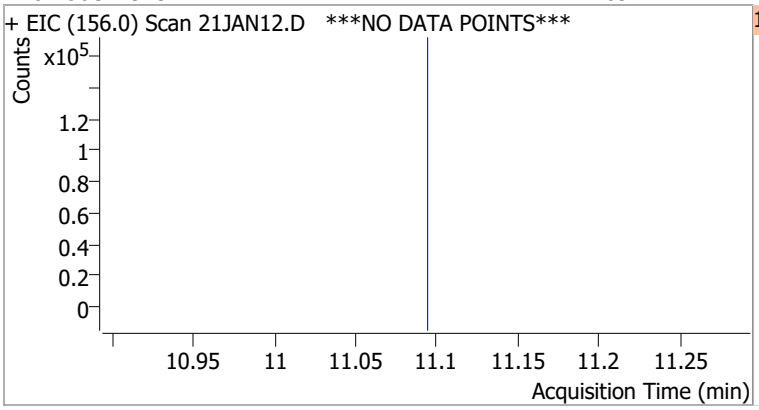
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	262.6492	10.95	0.00	227094	174.0	94.0	65.3	125.3
					176.0	92.2	63.3	123.3

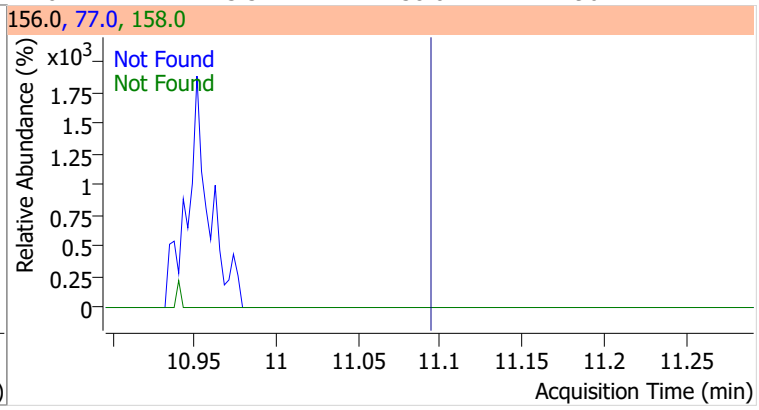




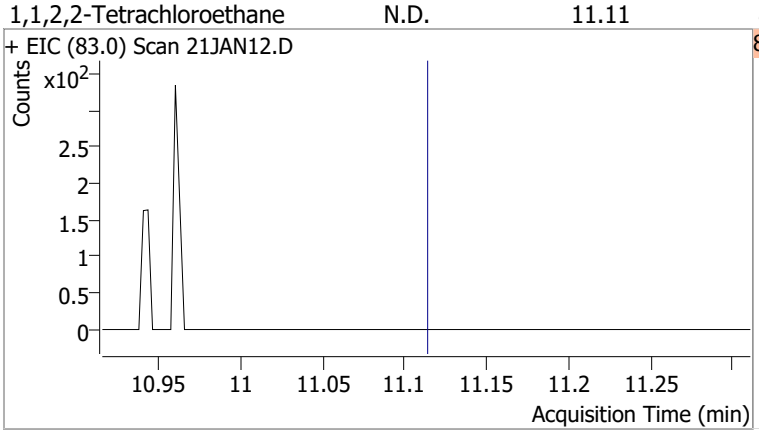


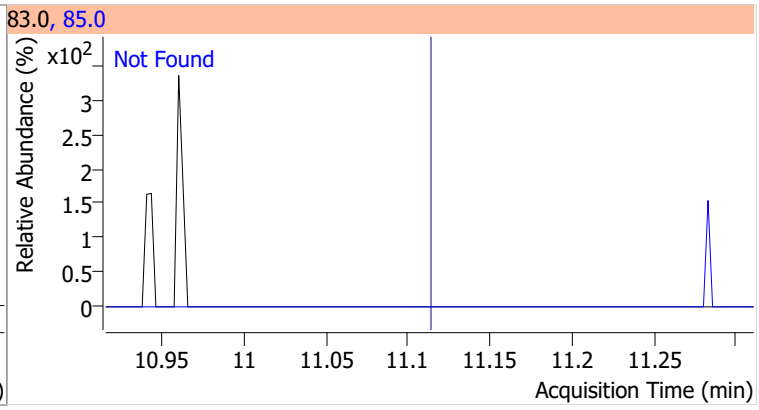
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



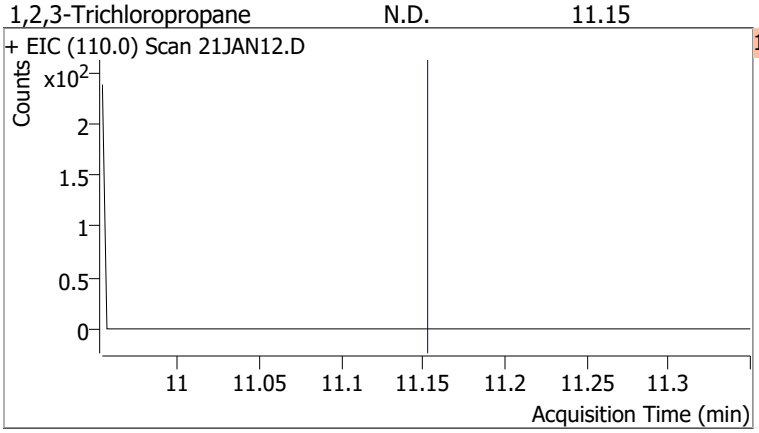


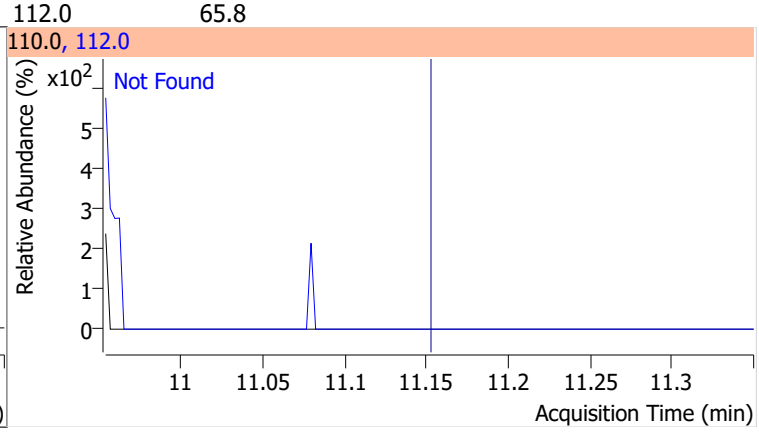
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



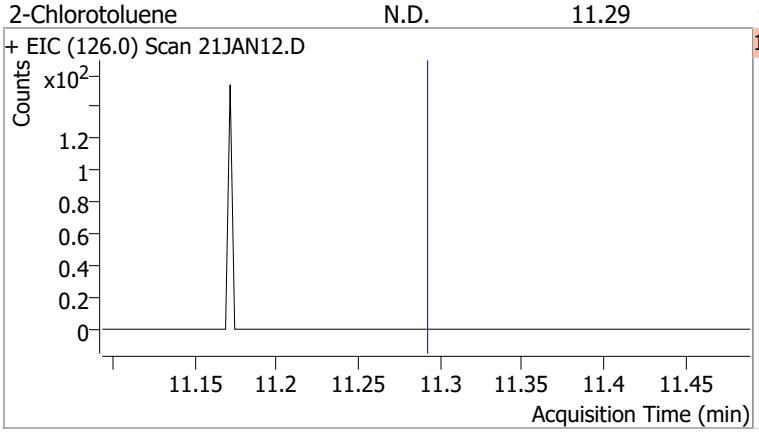


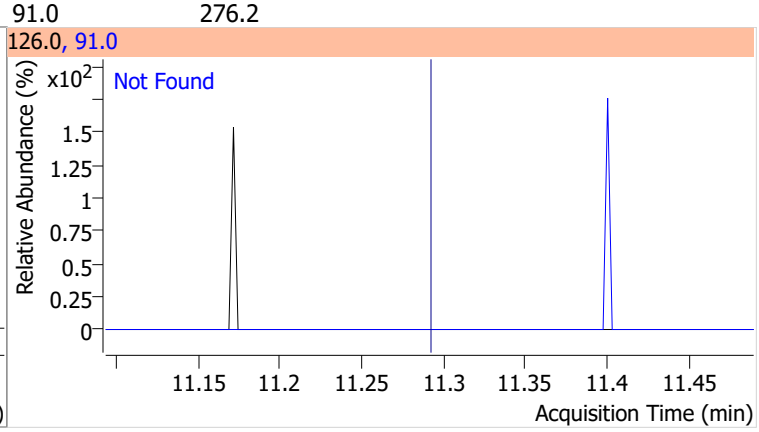
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



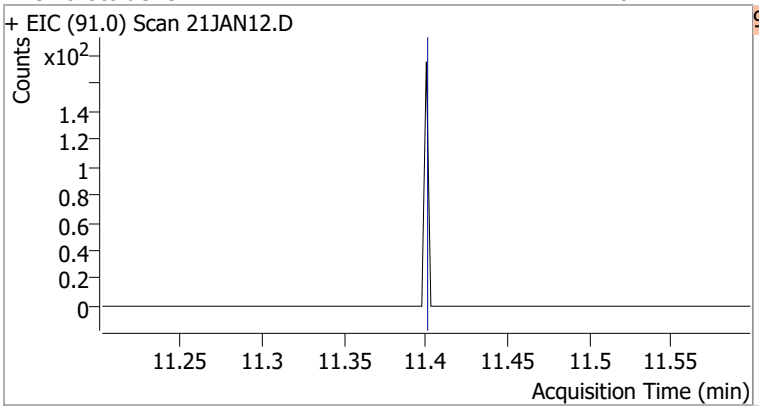


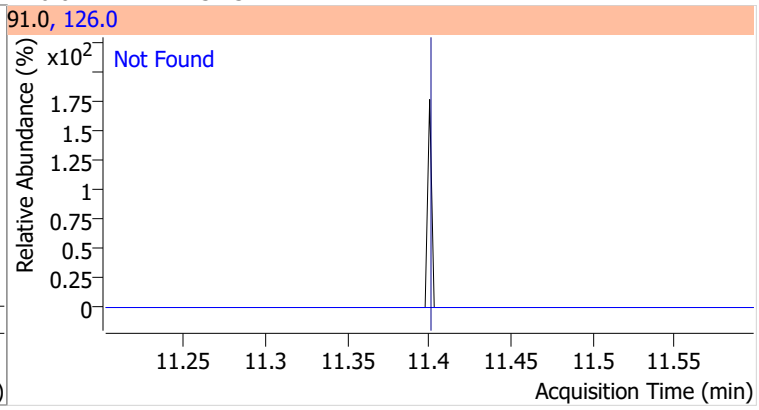
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



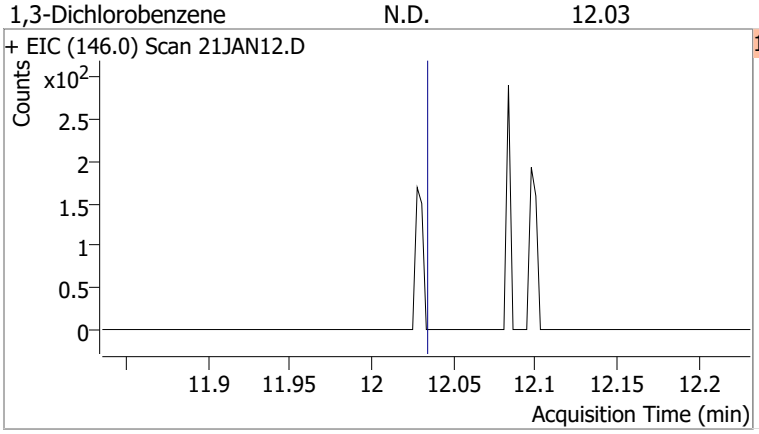


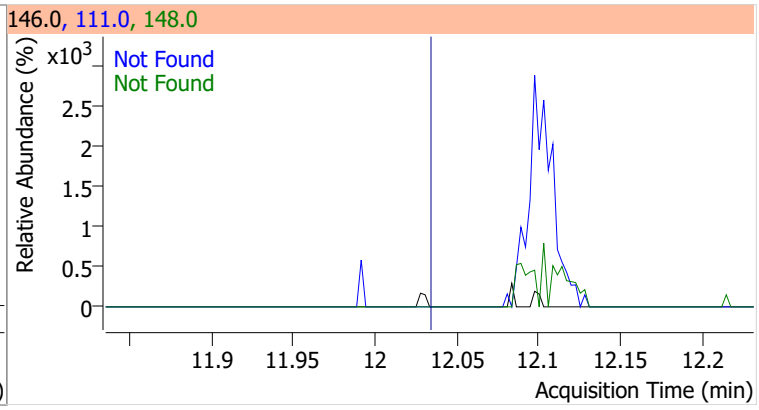
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



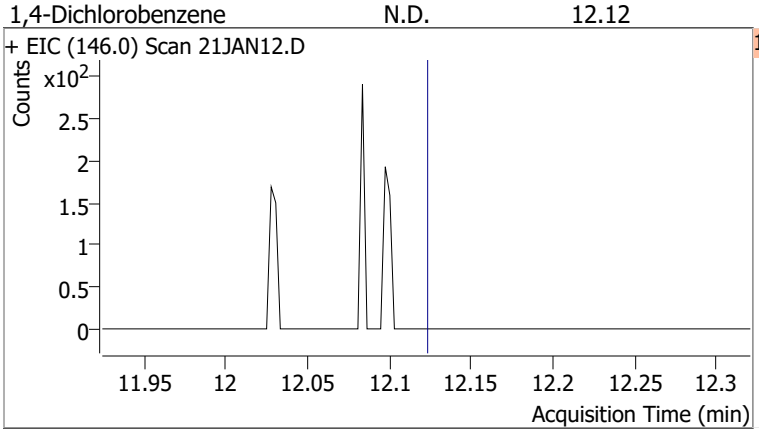


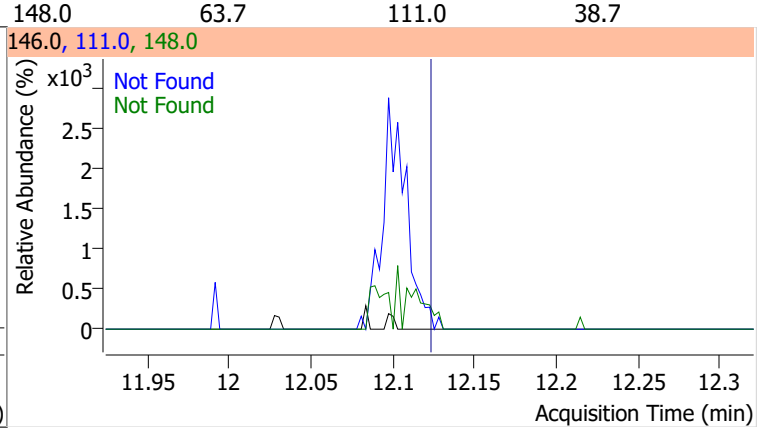
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



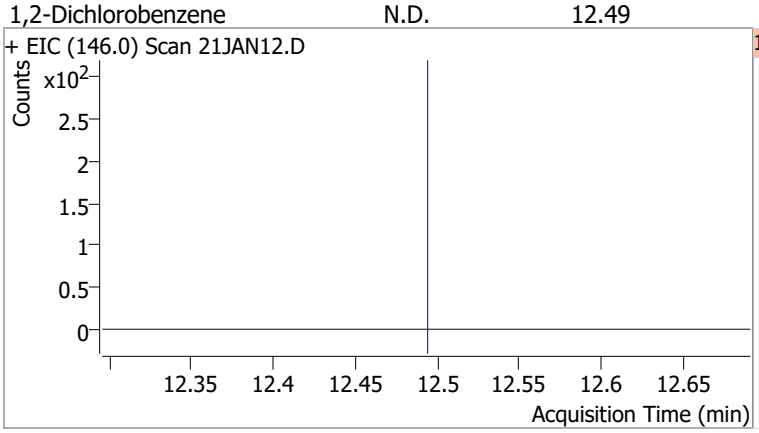


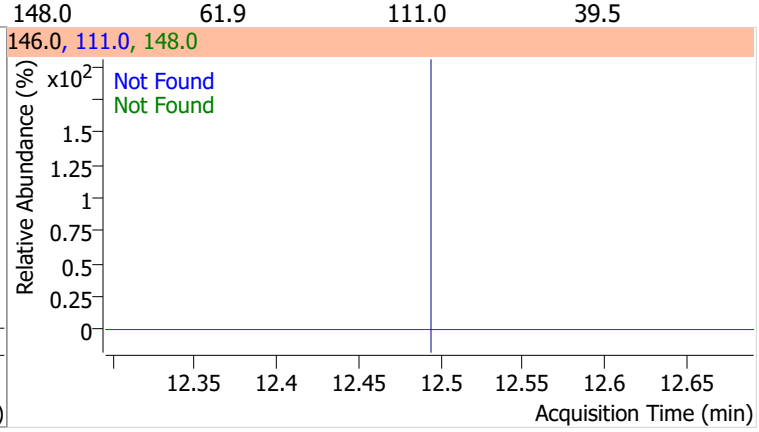
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





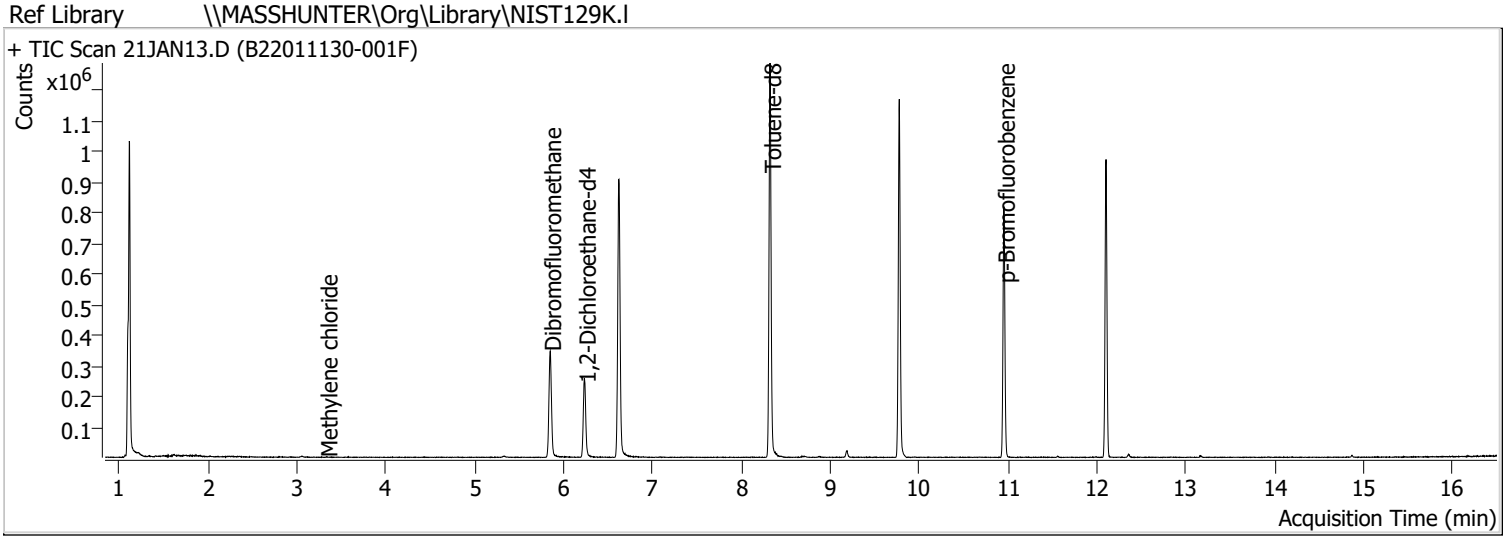
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 3:14:54 PM
Sample Name	B22011130-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

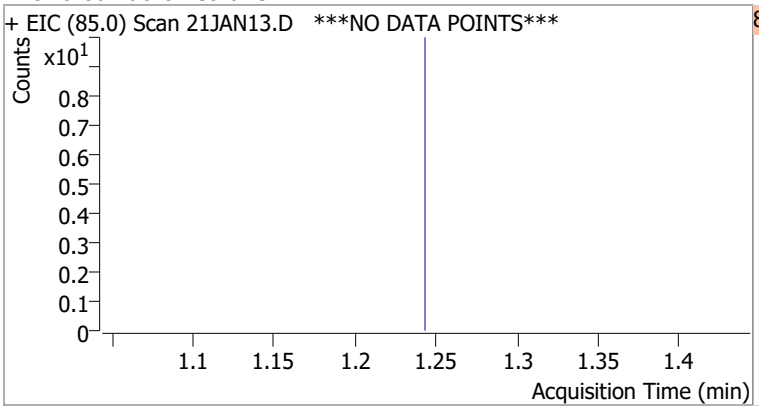


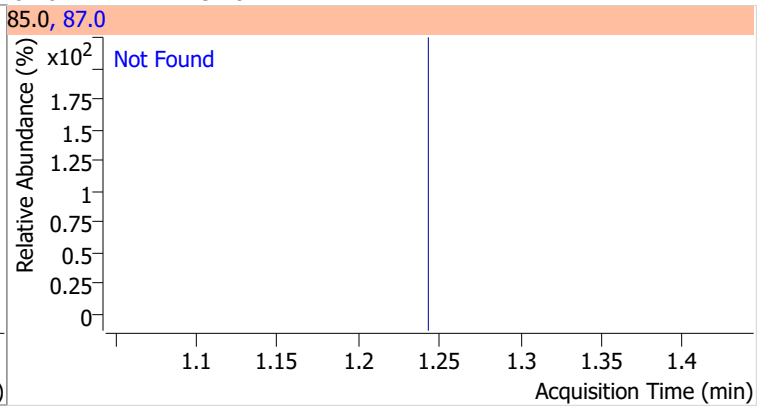
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.618	96.0	778847	250.0000	ng		-0.003
M Chlorobenzene-d5	9.774	82.0	307251	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.097	152.0	235633	250.0000	ng		-0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	205357	272.2205	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.89%			
S 1,2-Dichloroethane-d4	6.238	67.0	94556	290.1638	ng		0.008
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 116.07%			
S Toluene-d8	8.322	98.0	773789	258.1423	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.26%			
S p-Bromofluorobenzene	10.951	95.0	227445	261.4275	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.57%			
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	3.330	49.0	566	0.4974	ng	m	75
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	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	8.391	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.			

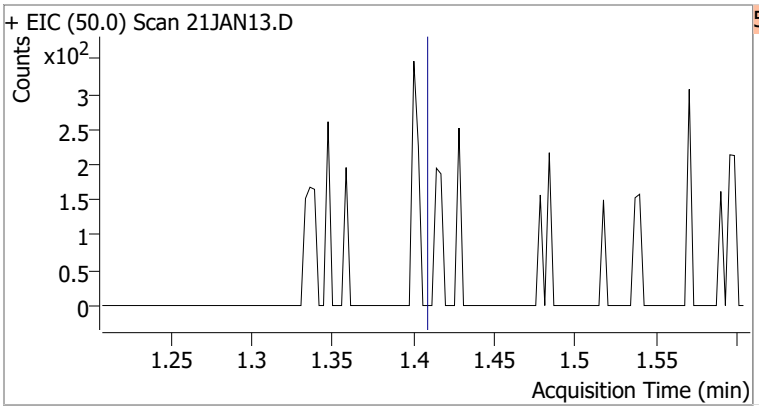
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

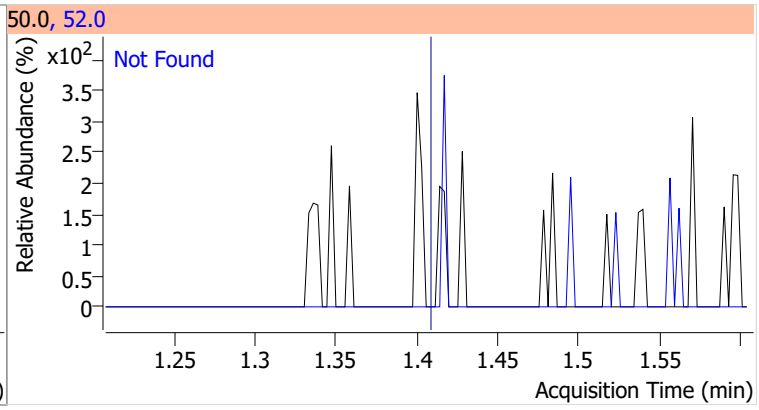
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



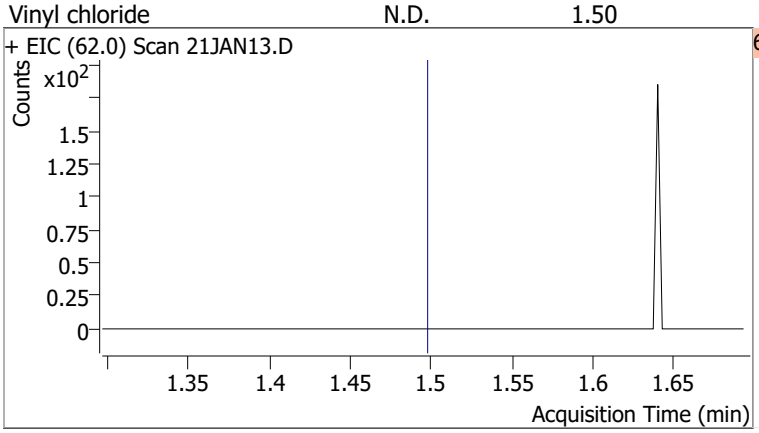


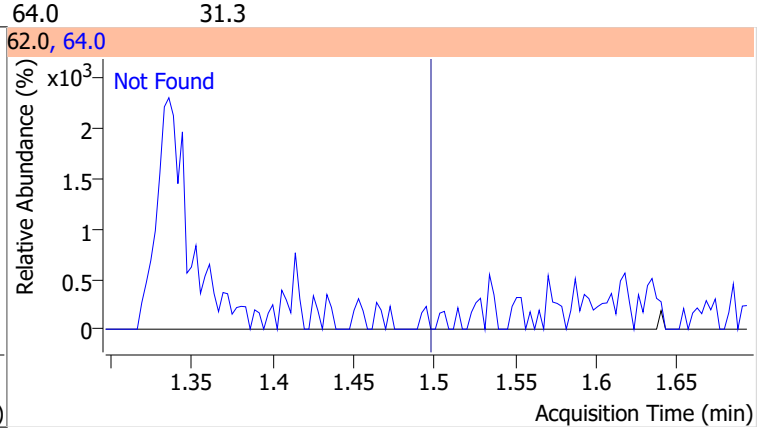
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



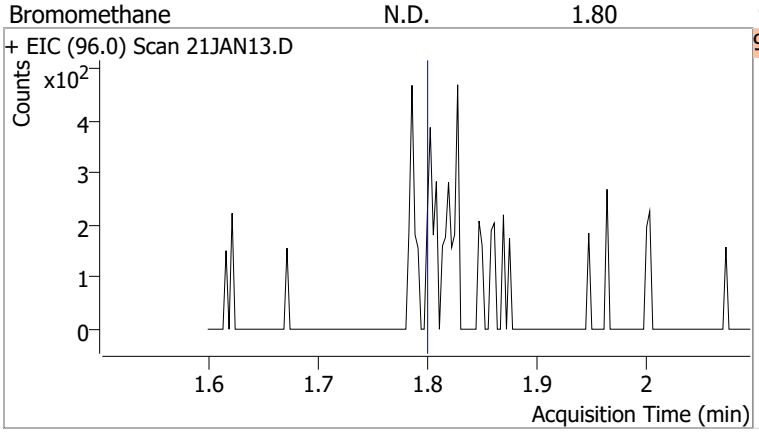


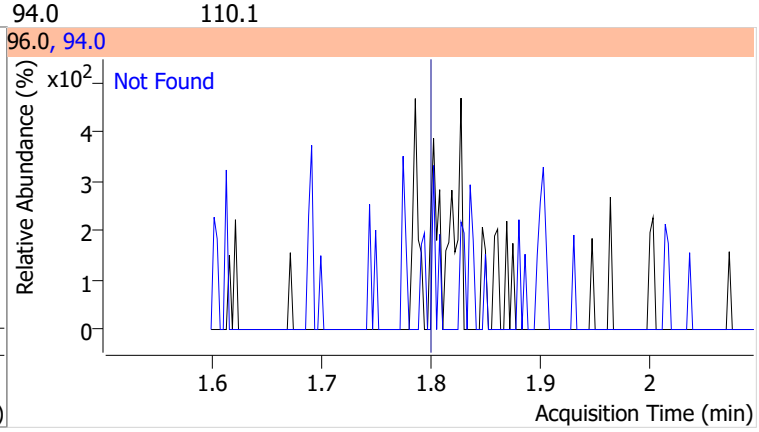
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



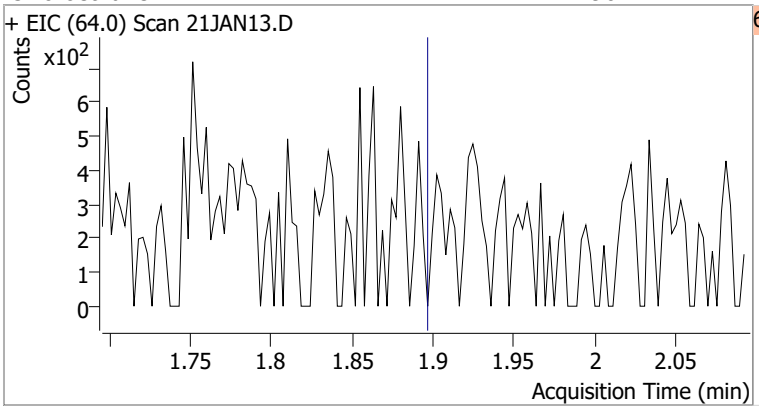


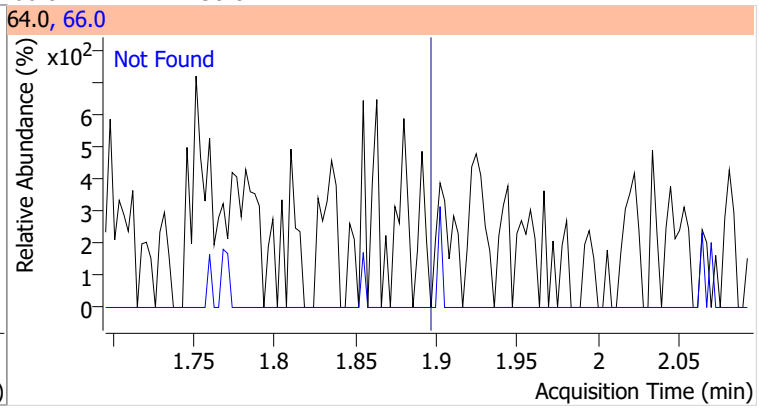
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



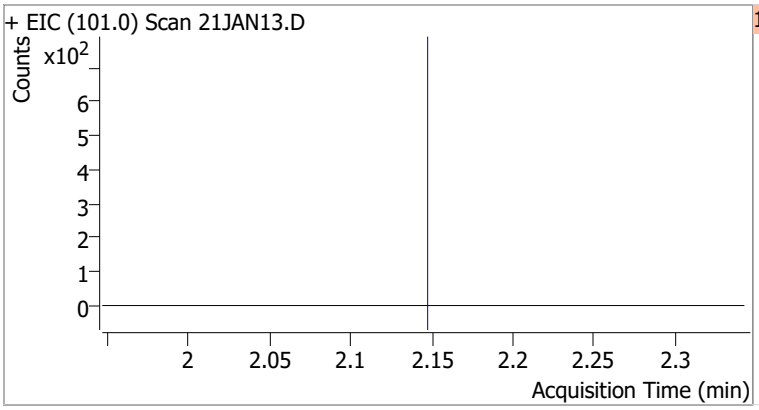


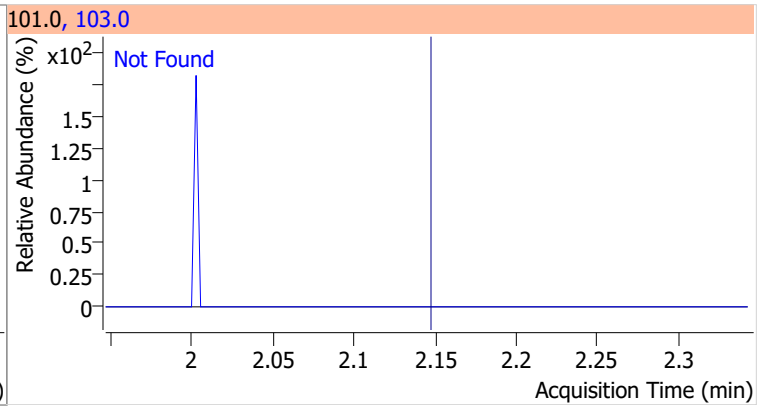
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



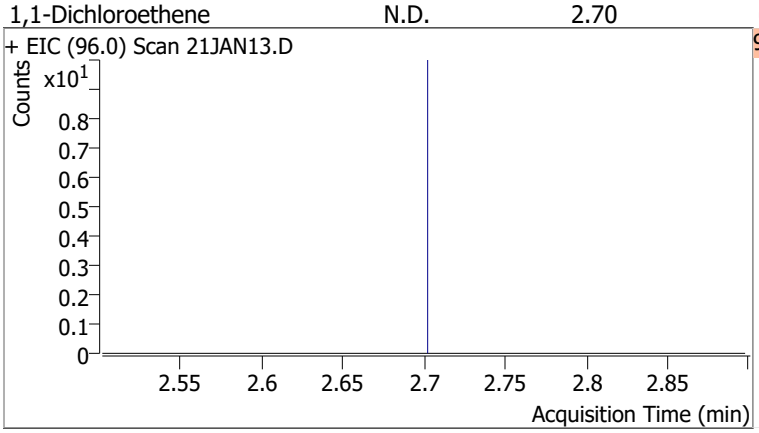


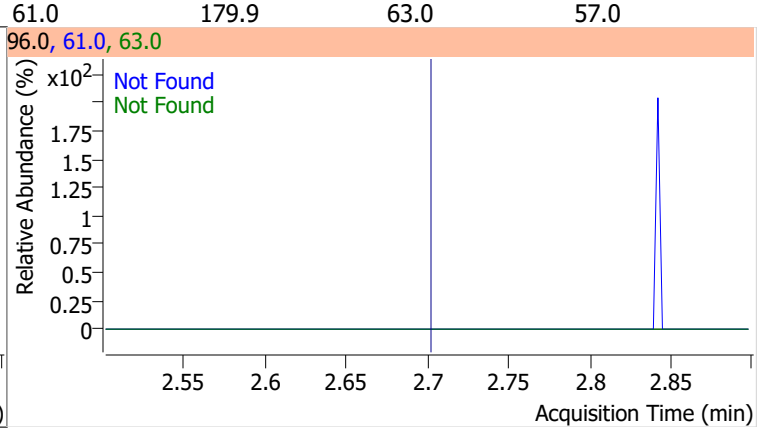
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



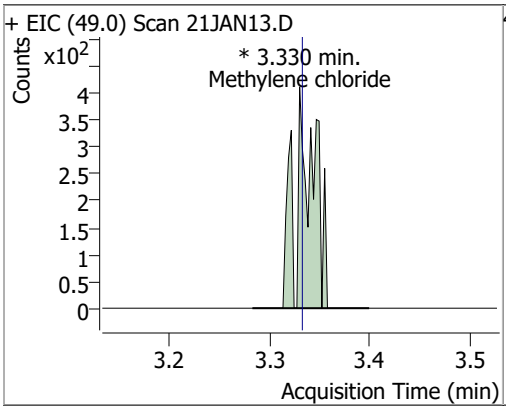


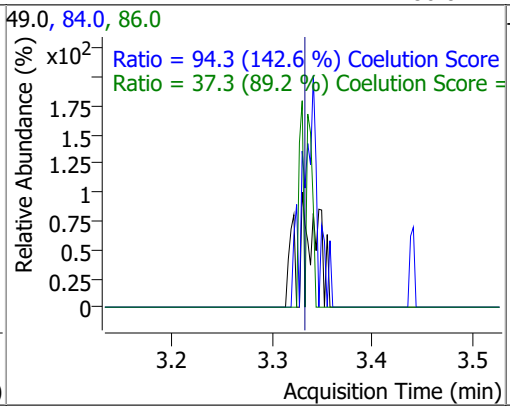
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

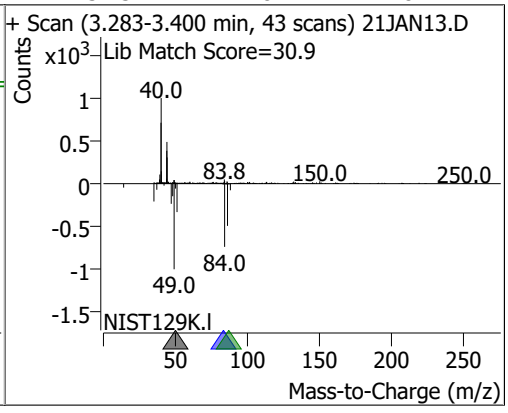




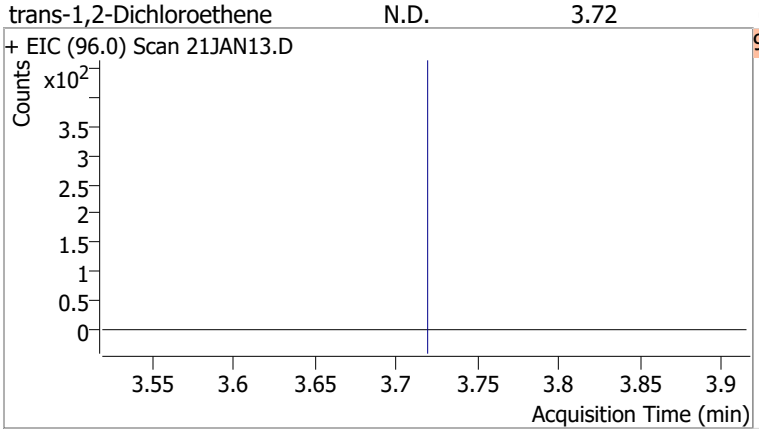
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.4974	3.33	0.00	566 (m)	84.0	94.3	36.1	96.1
					86.0	37.3	11.8	71.8

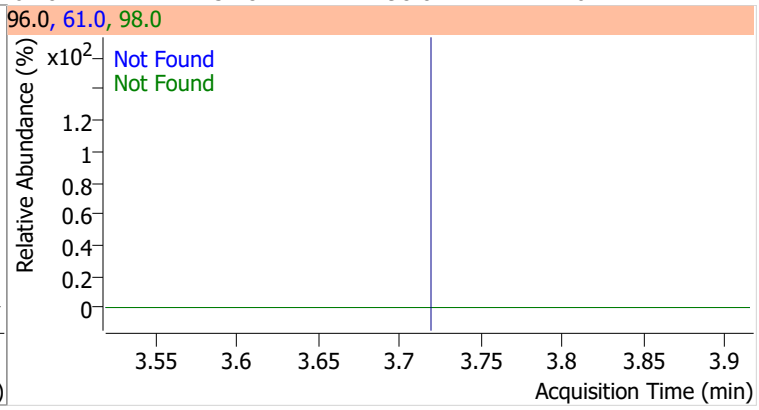




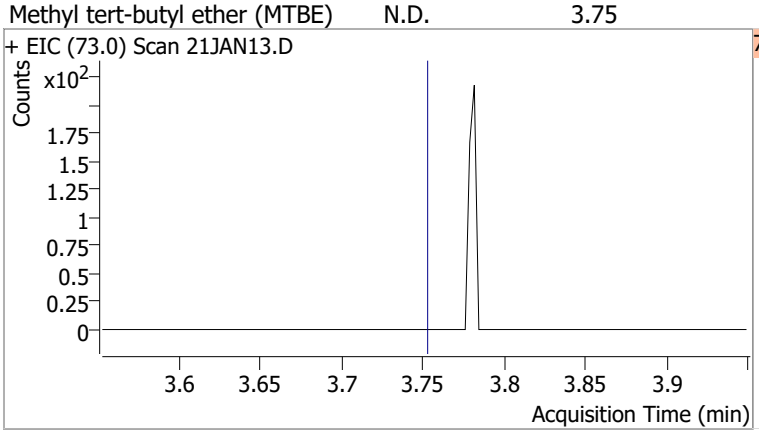


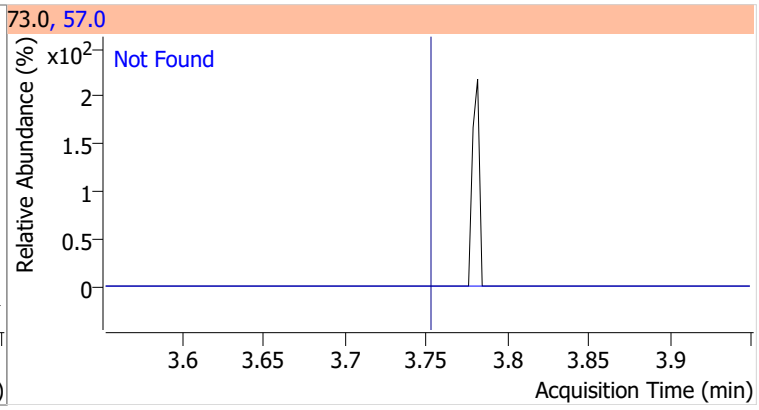
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



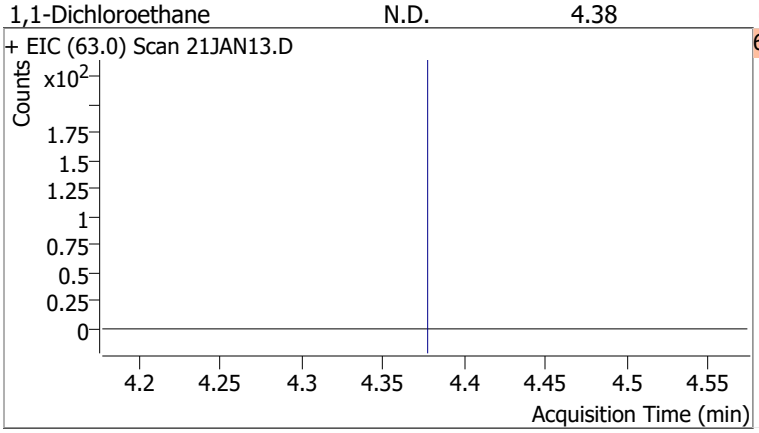


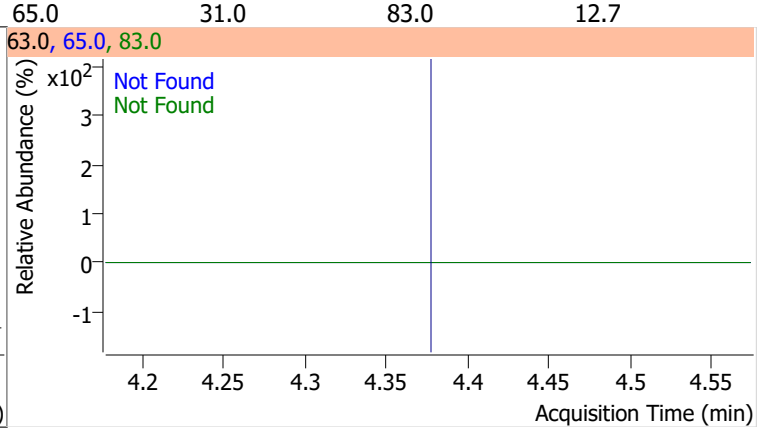
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



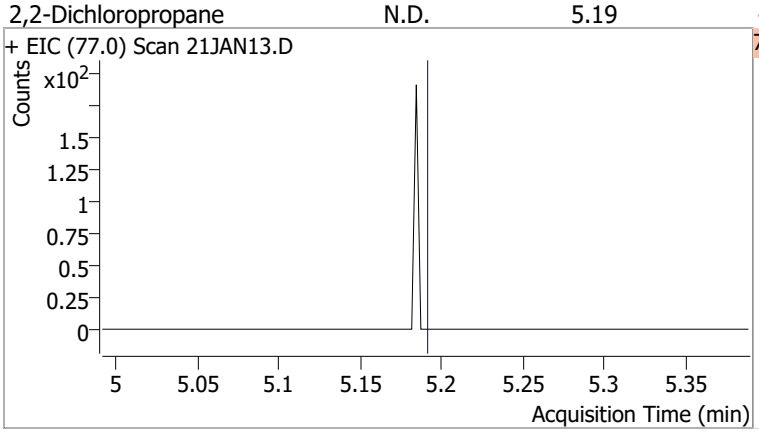


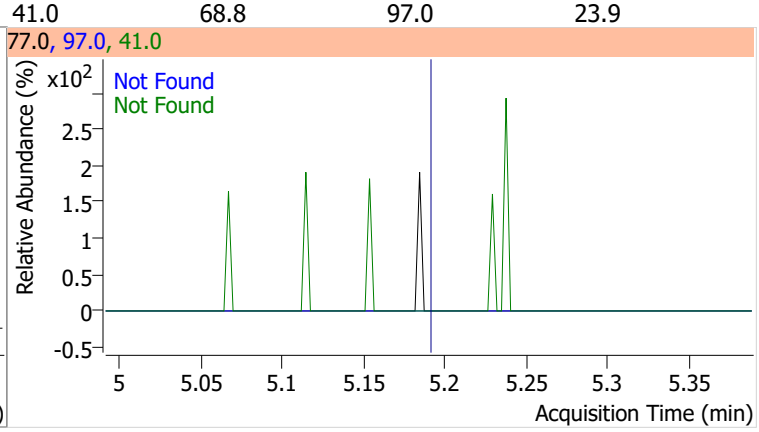
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



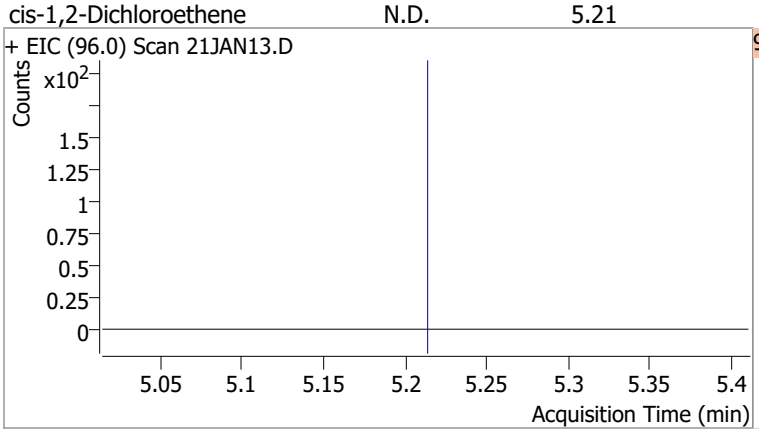


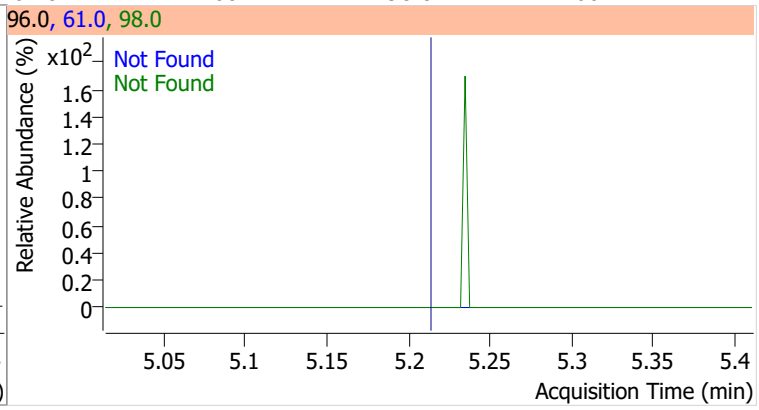
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



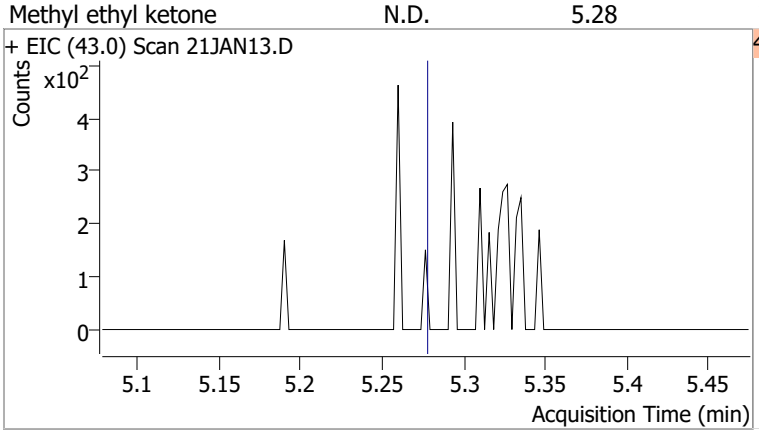


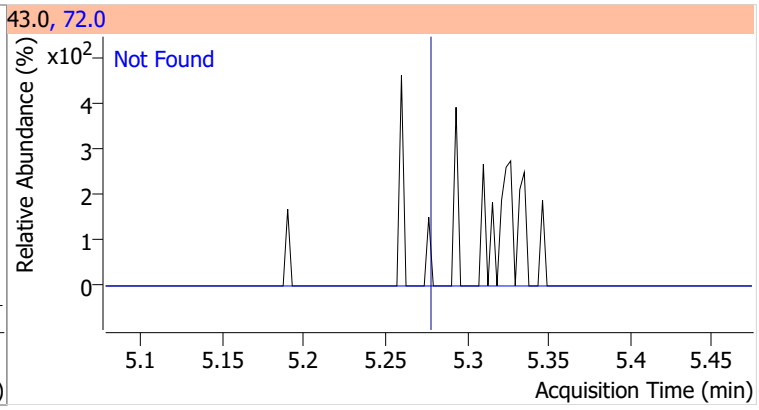
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



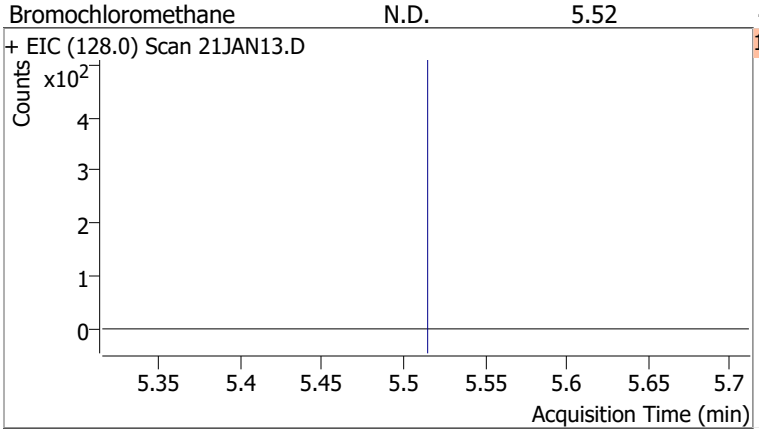


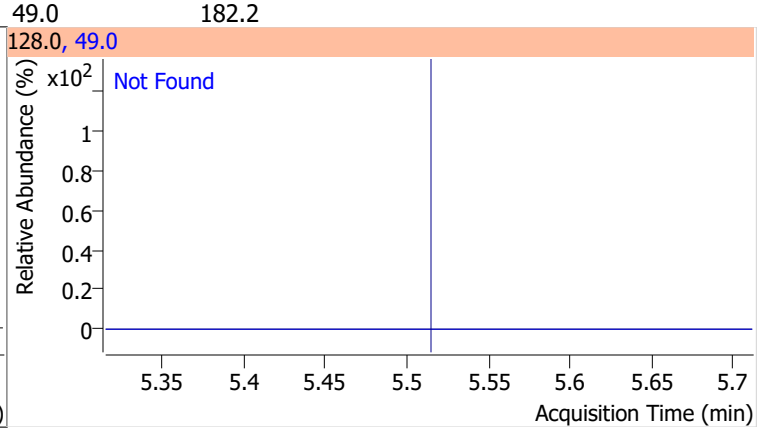
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



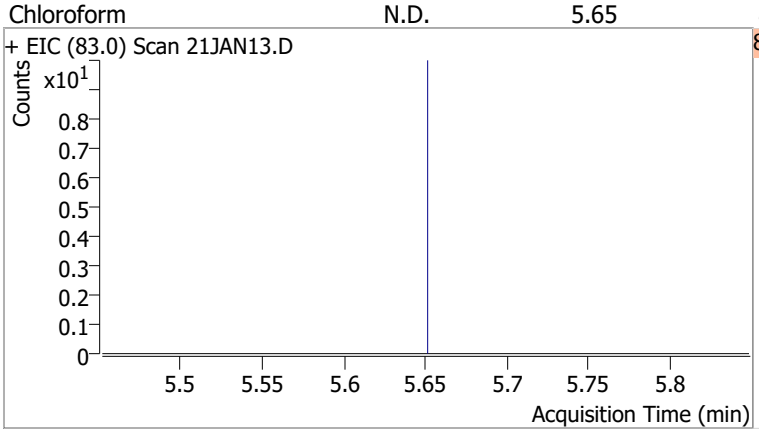


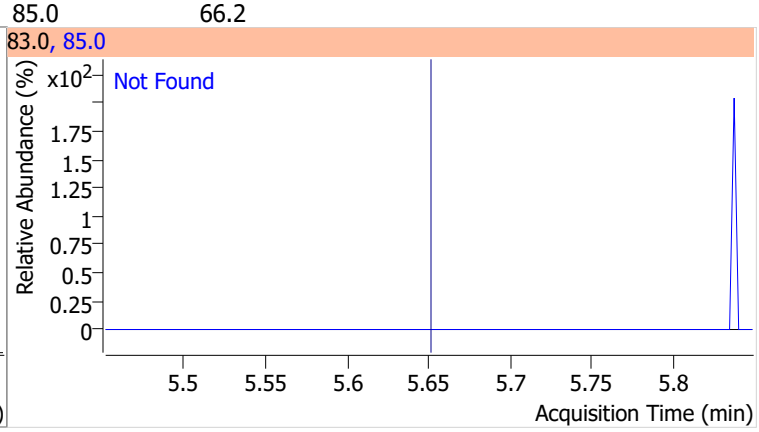
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



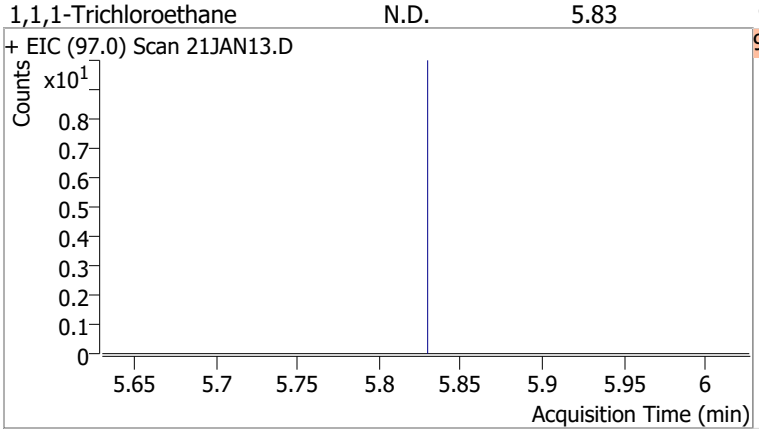


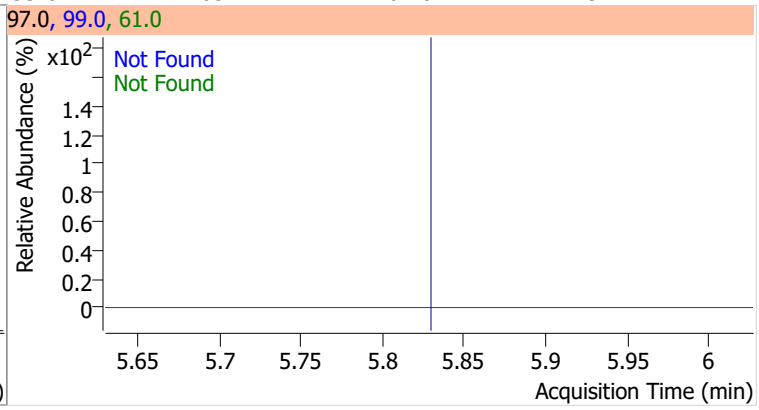
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



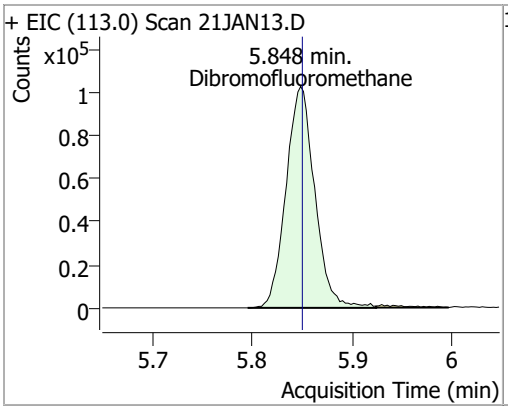


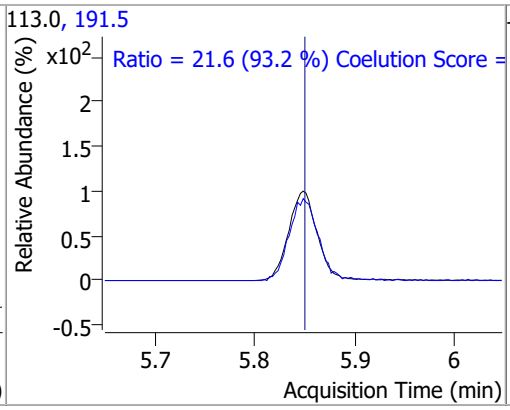
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

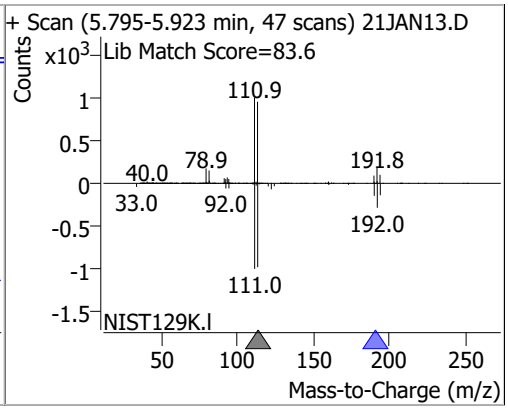




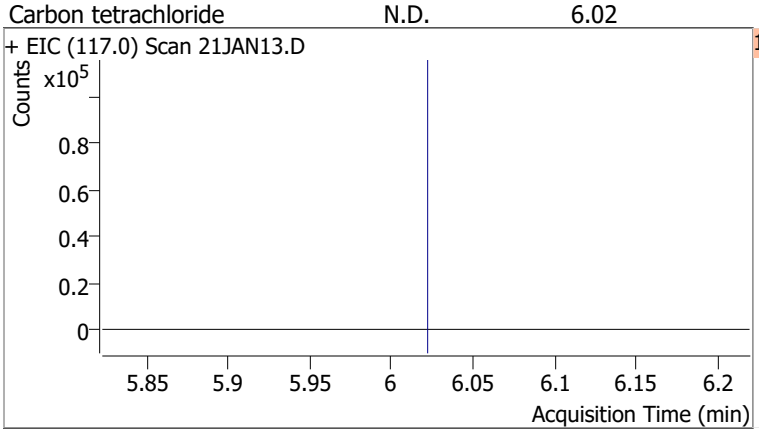
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	272.2205	5.85	0.00	205357	191.5	21.6	0.0	53.2

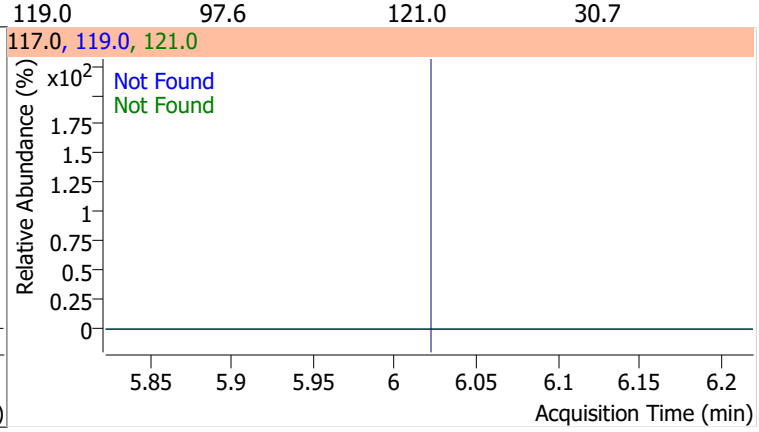




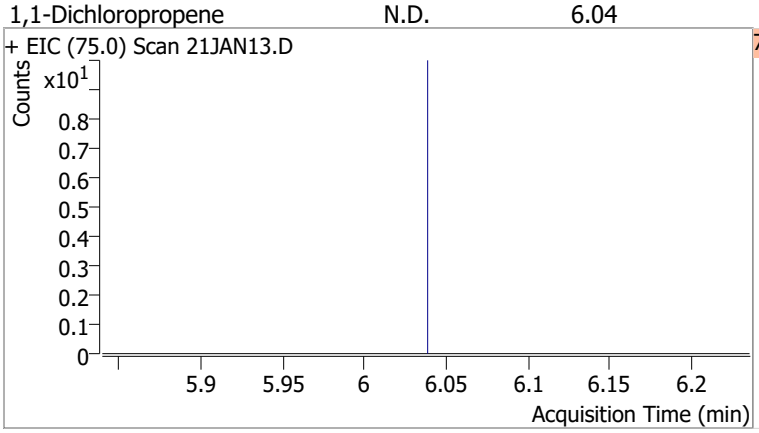


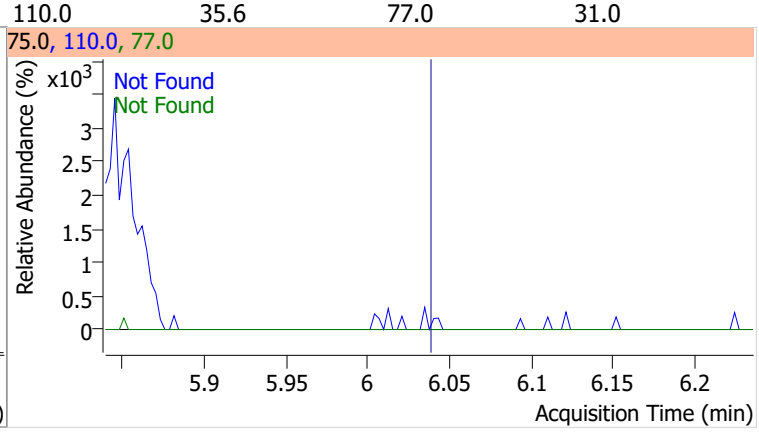
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



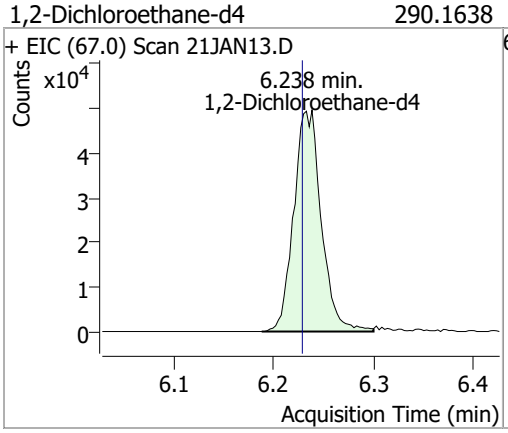


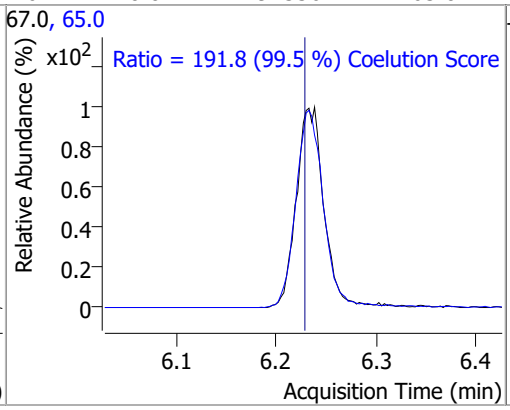
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

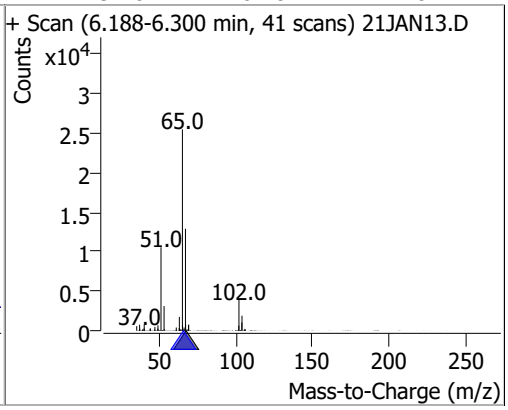




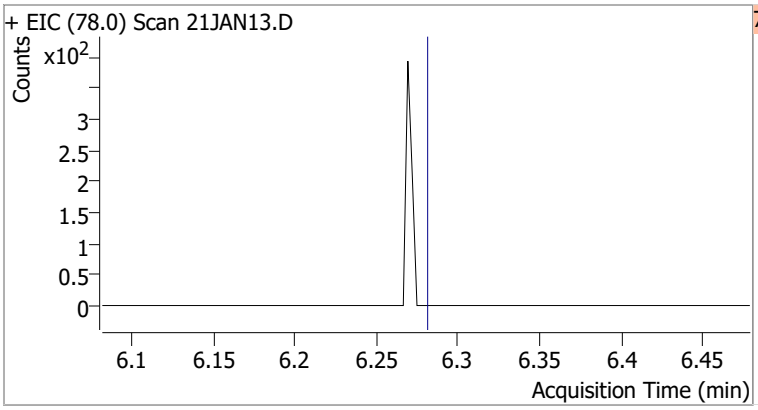
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	290.1638	6.24	0.01	94556	65.0	191.8	162.8	222.8

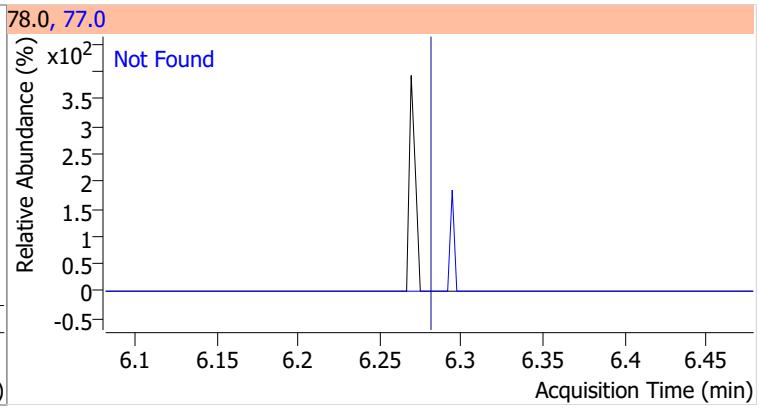




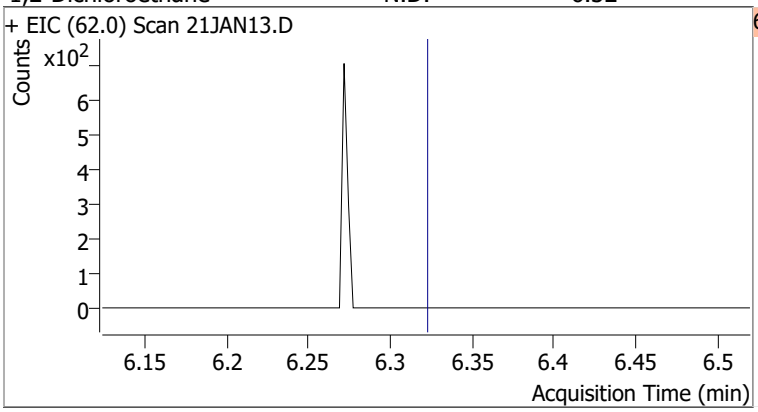


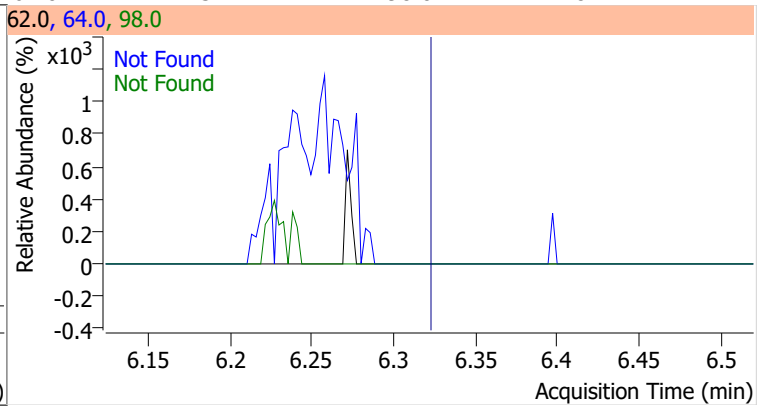
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



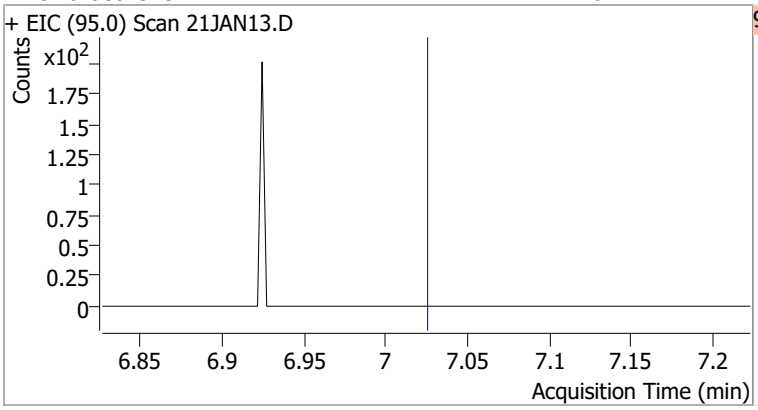


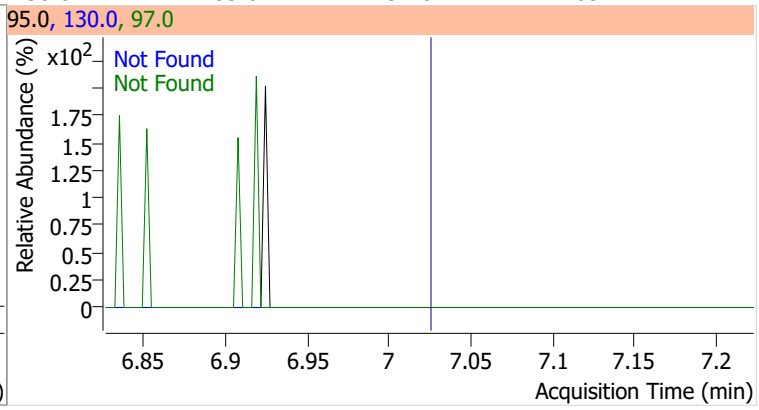
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



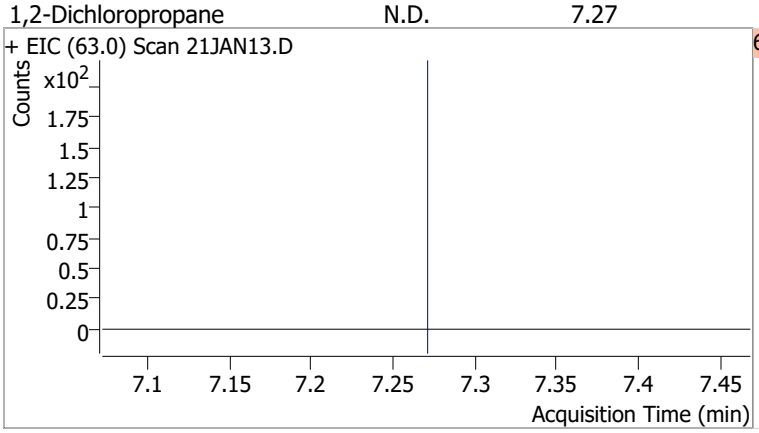


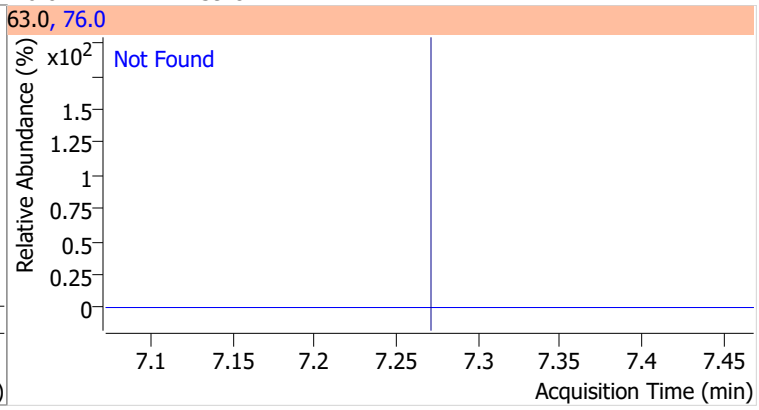
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



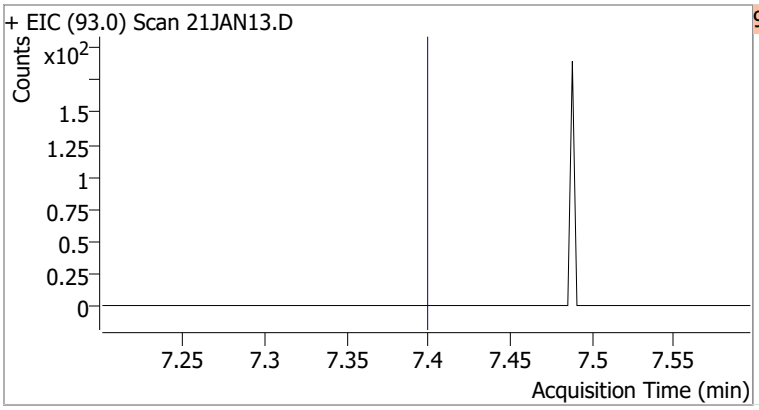


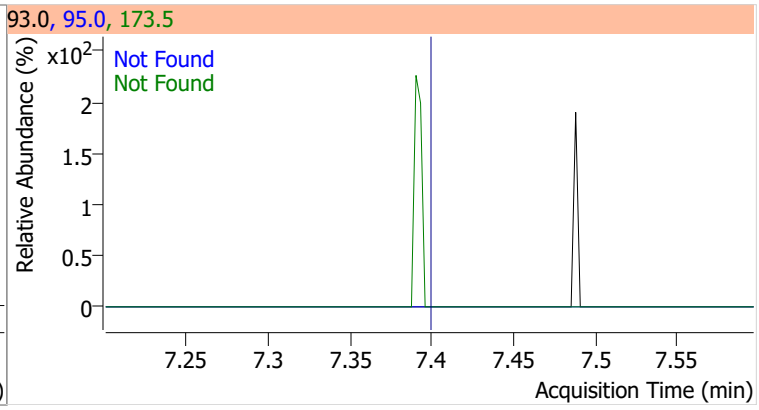
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



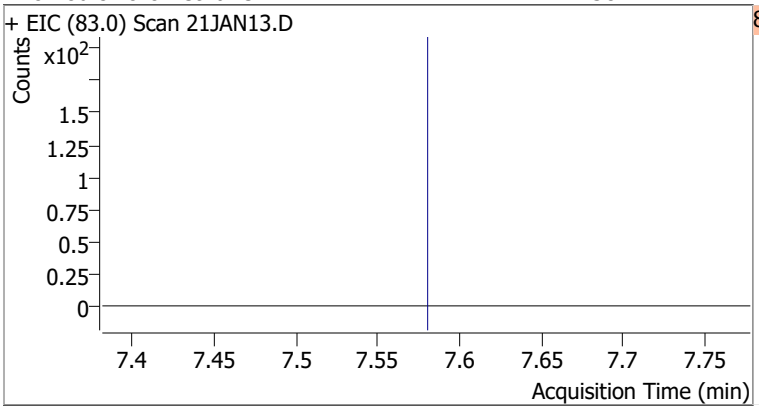


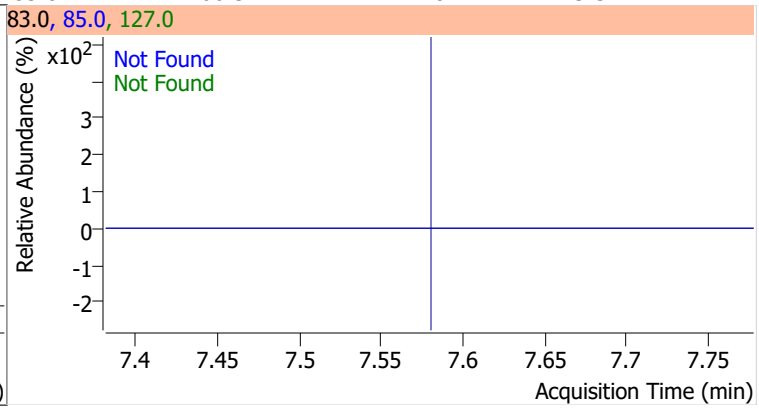
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



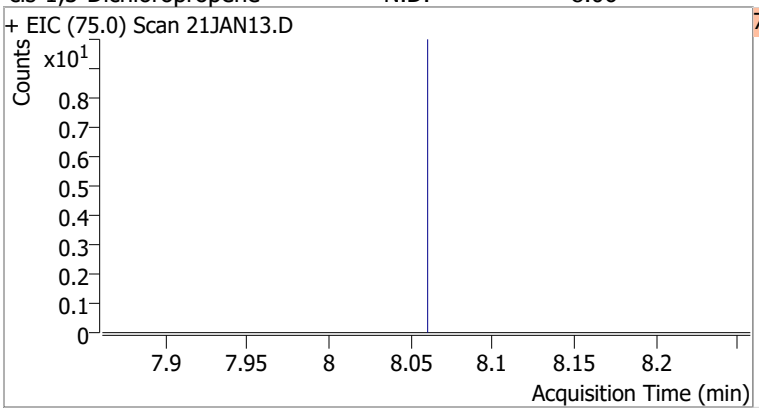


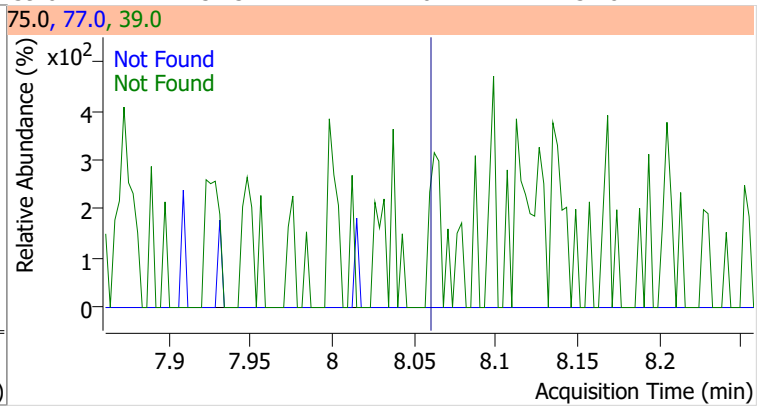
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



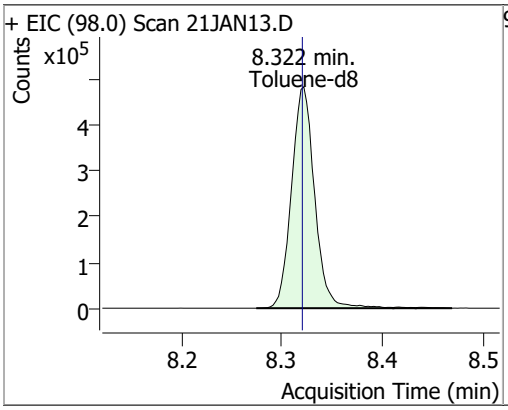


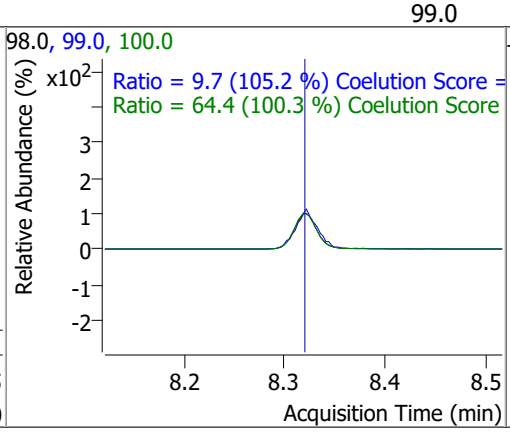
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

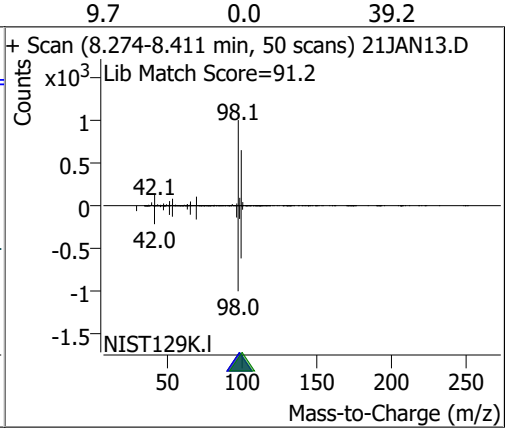




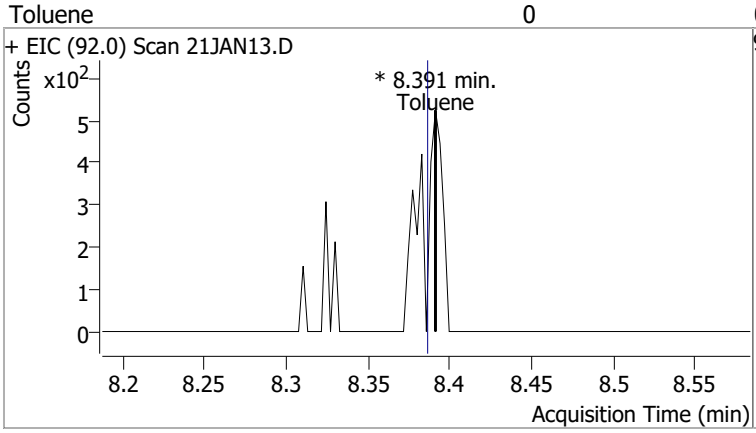
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	258.1423	8.32	0.00	773789	100.0	64.4	34.3	94.3
					99.0	9.7	0.0	39.2

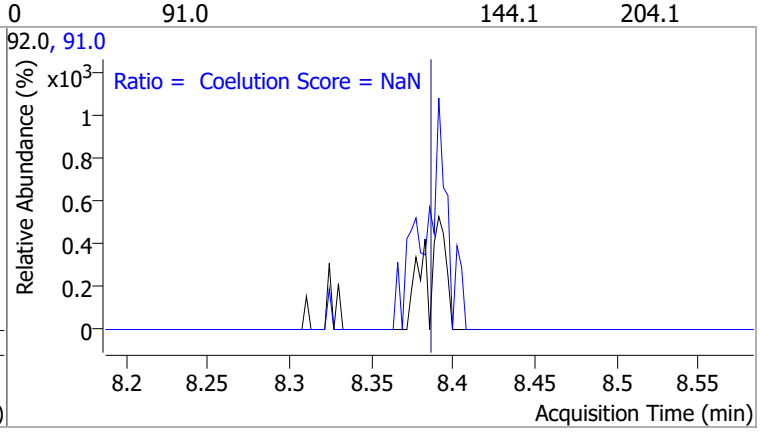




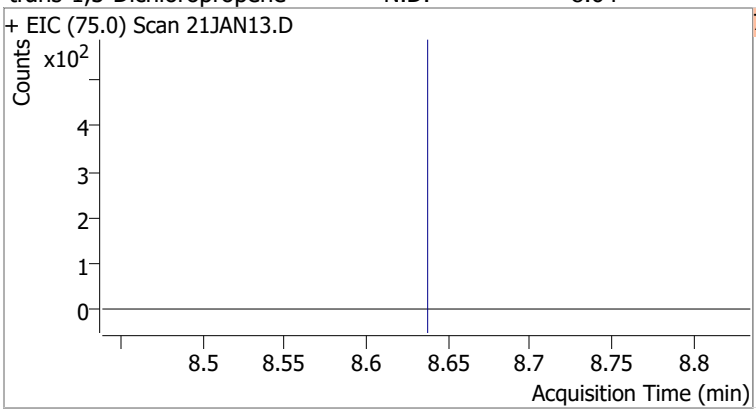


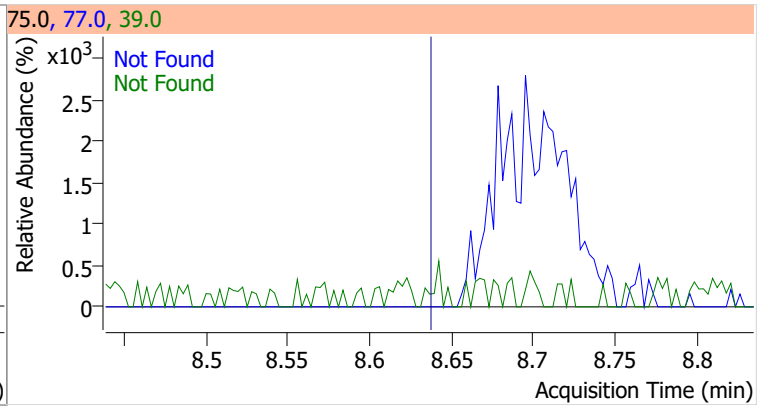
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



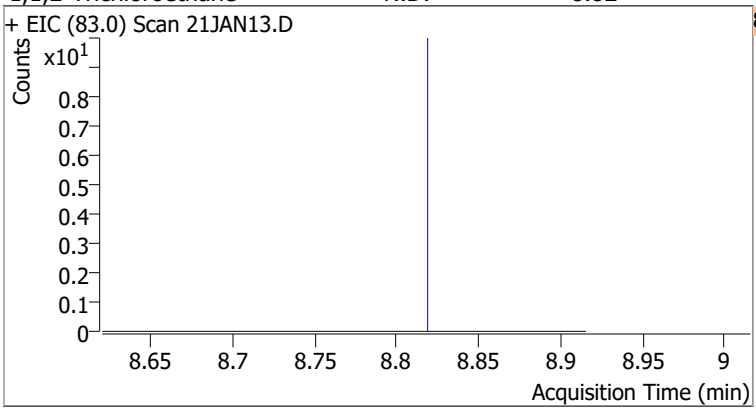


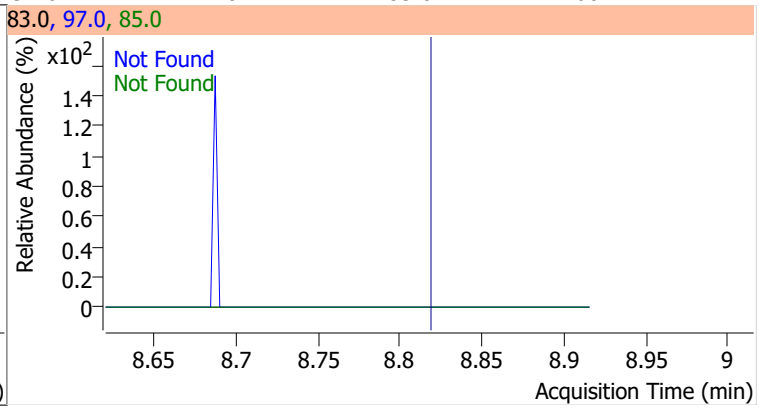
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



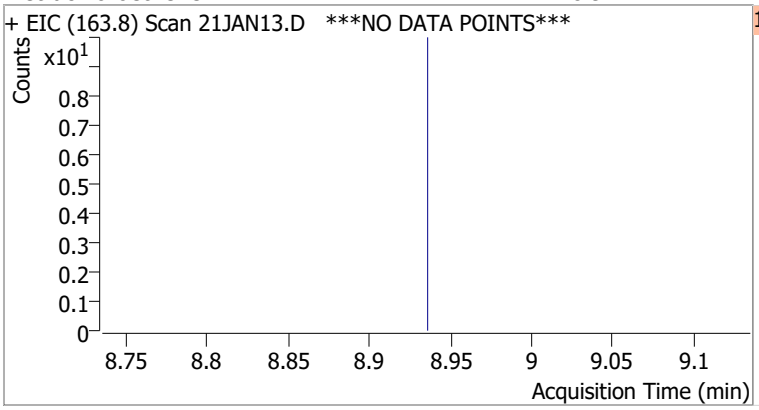


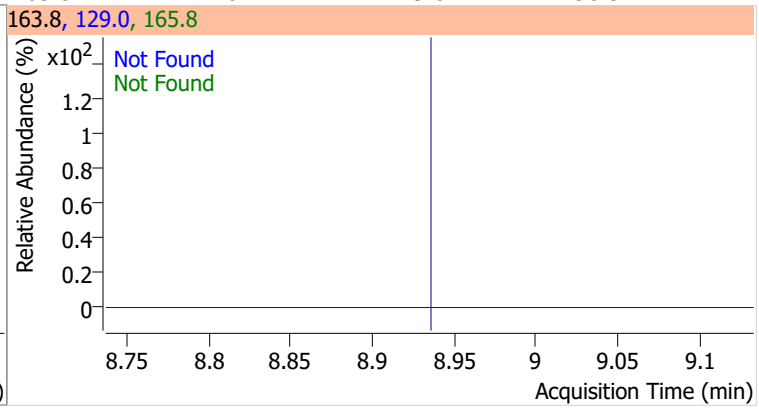
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



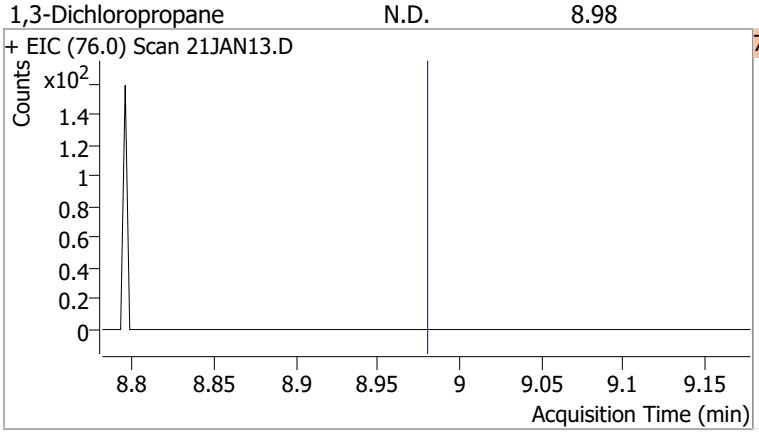


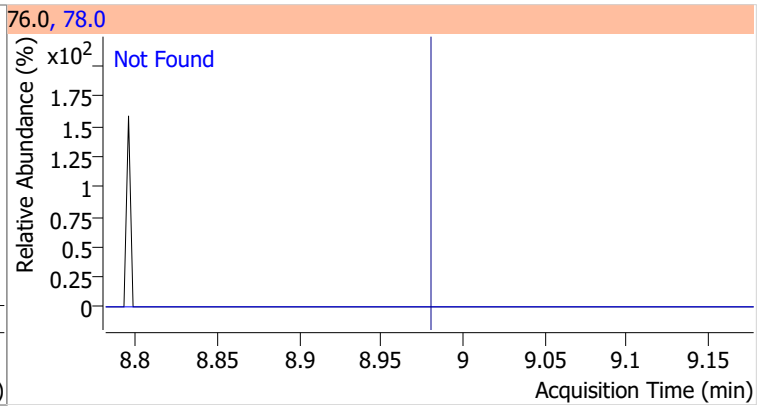
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



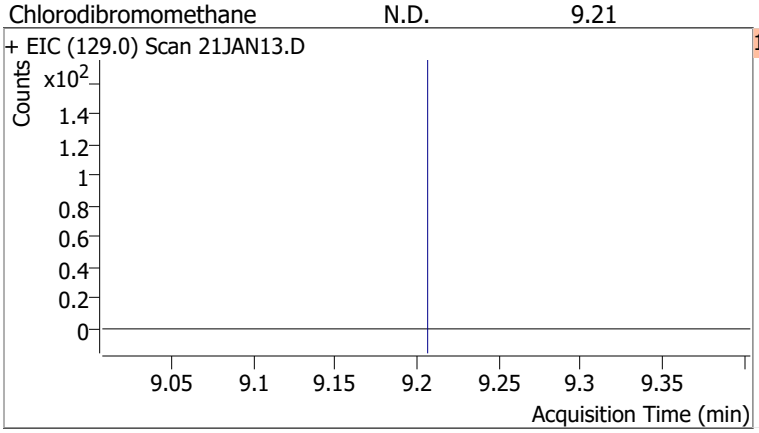


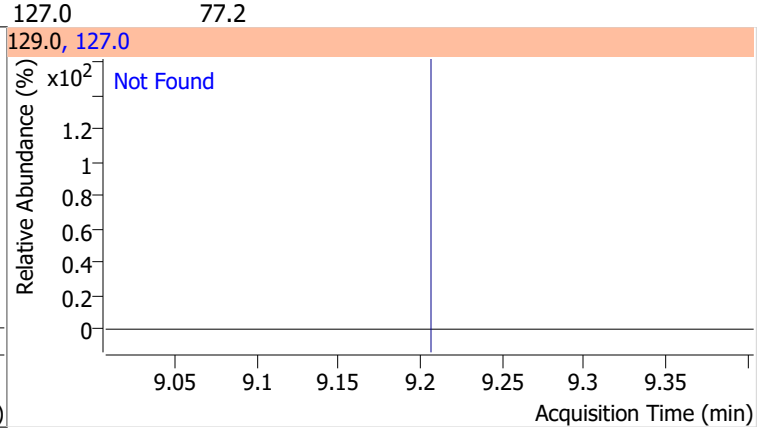
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



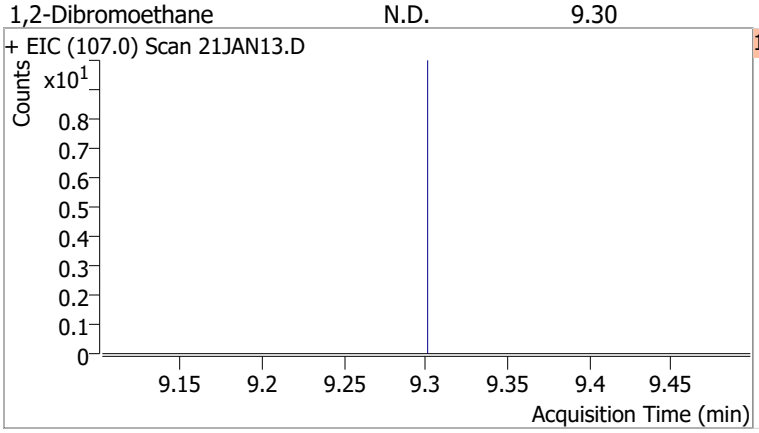


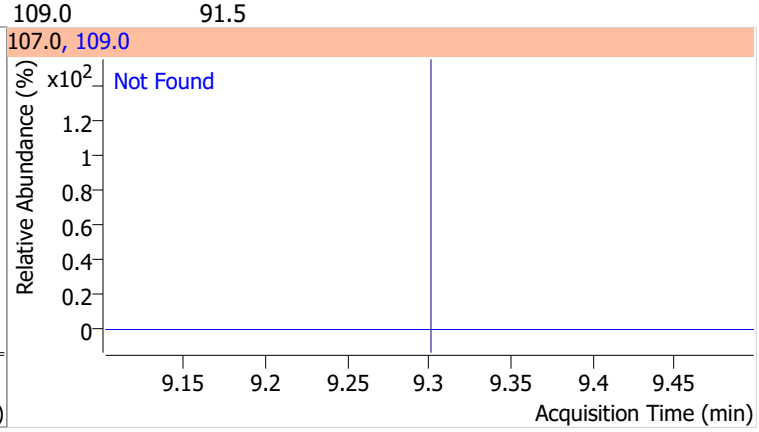
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



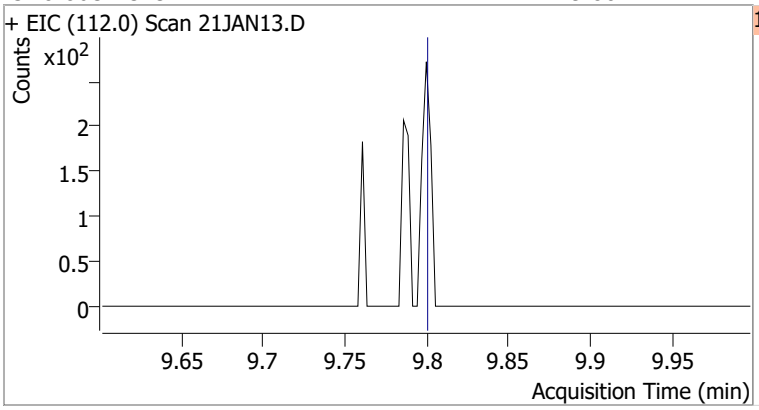


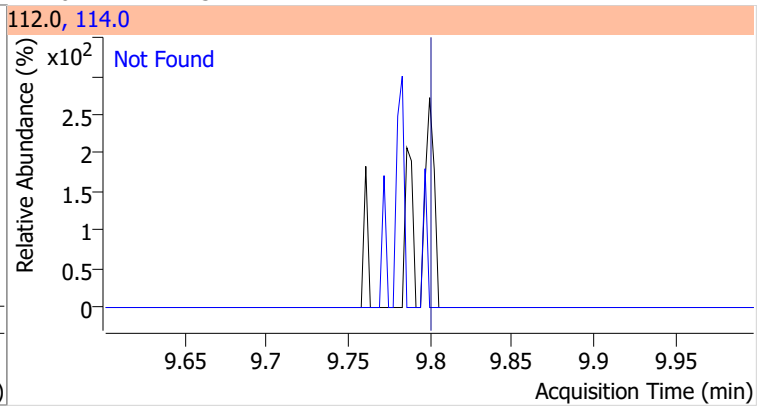
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



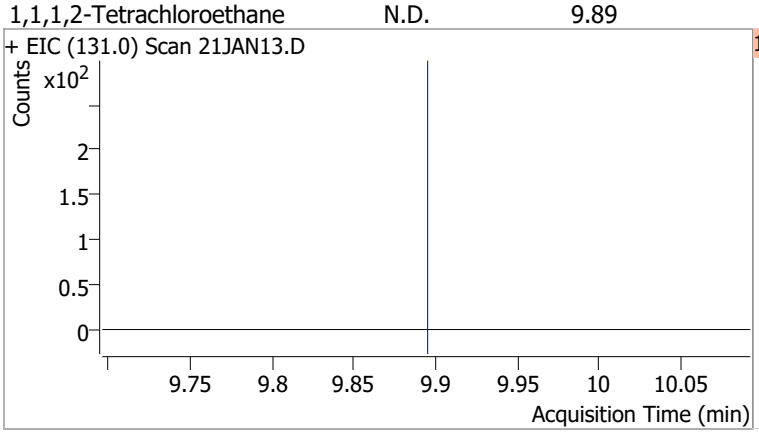


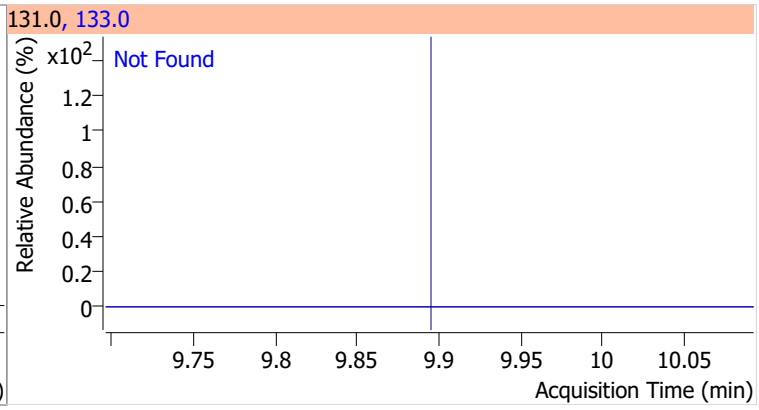
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



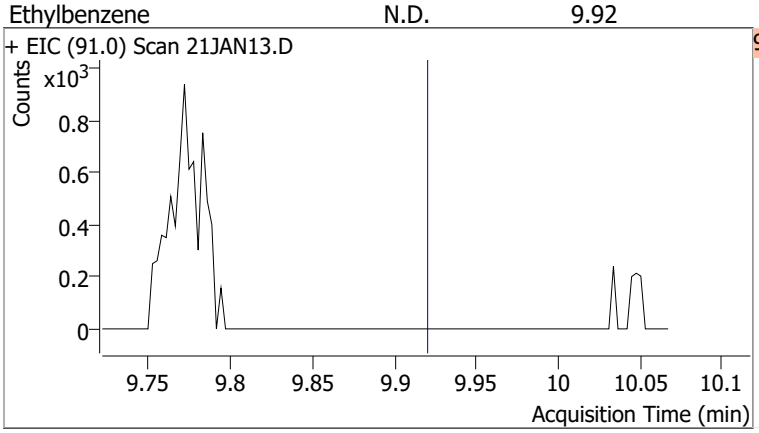


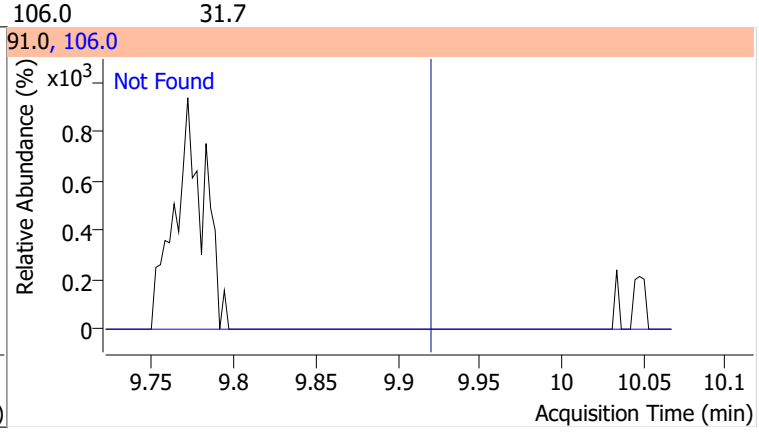
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



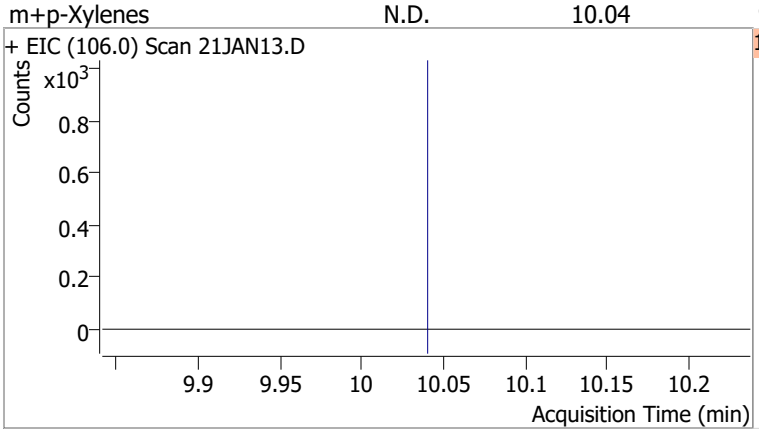


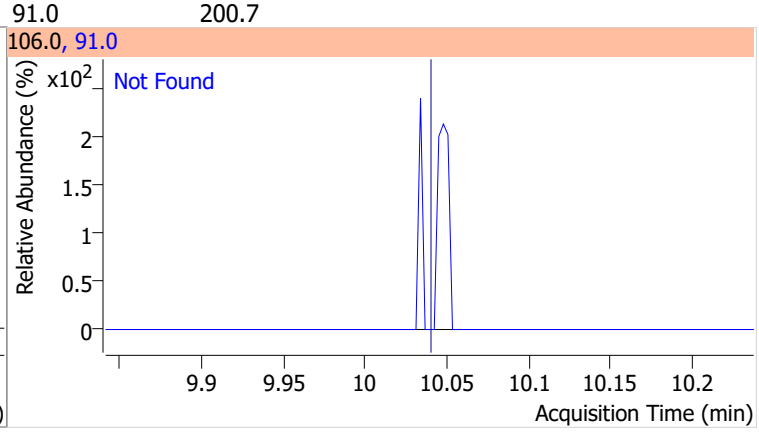
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



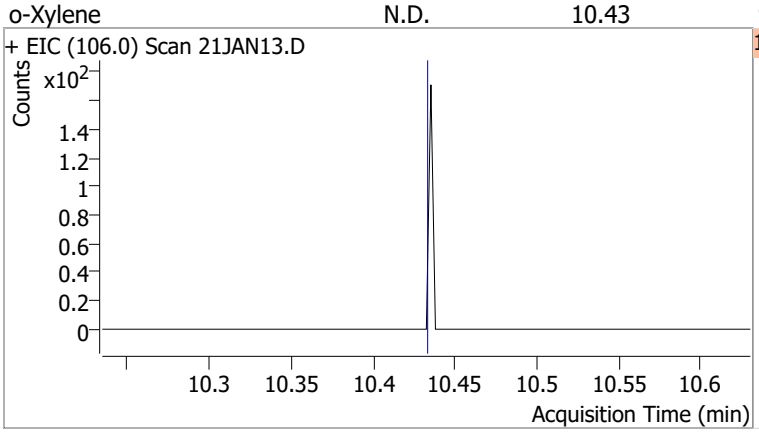


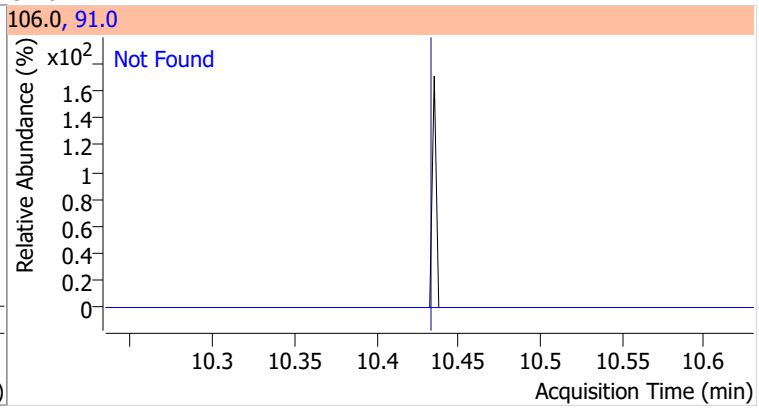
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



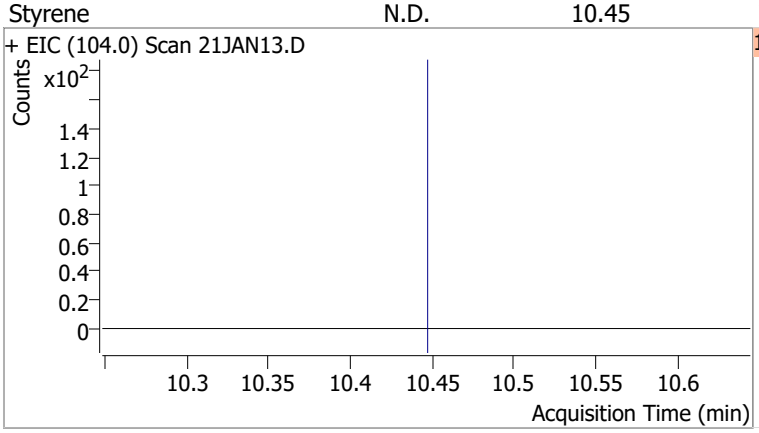


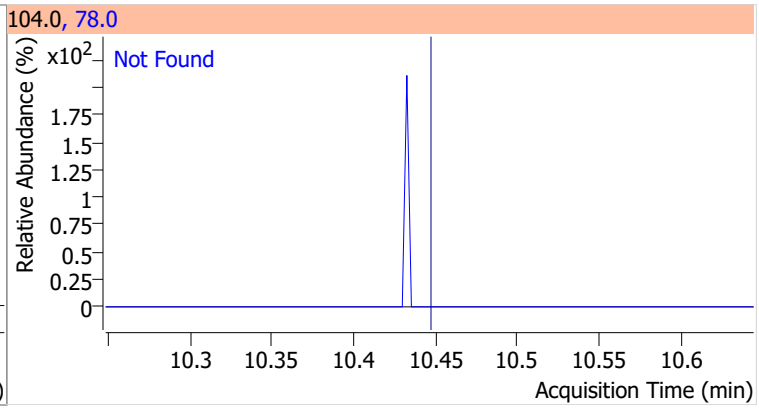
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



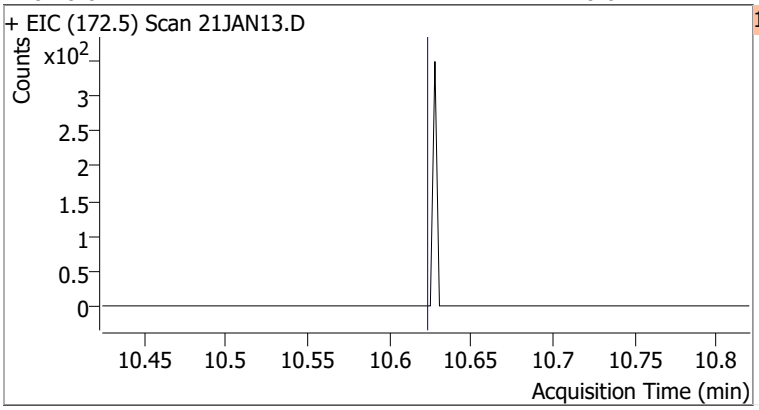


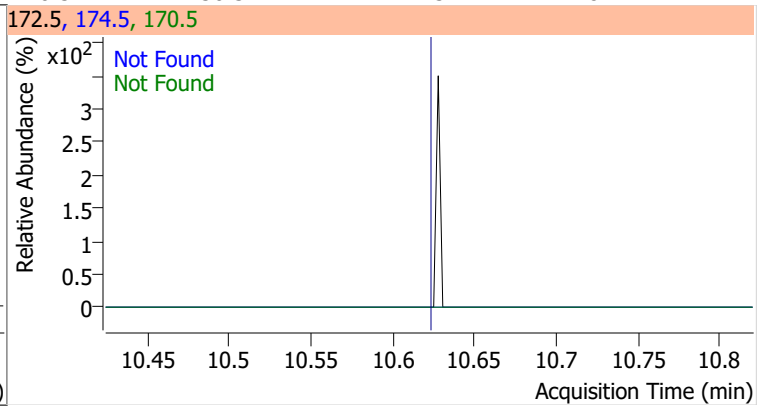
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



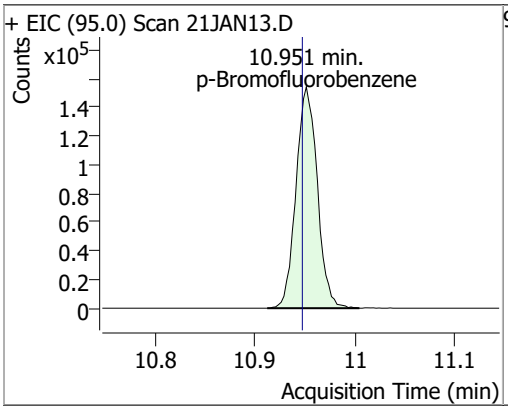


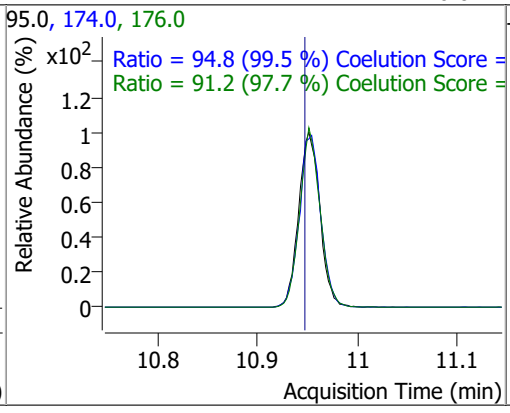
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

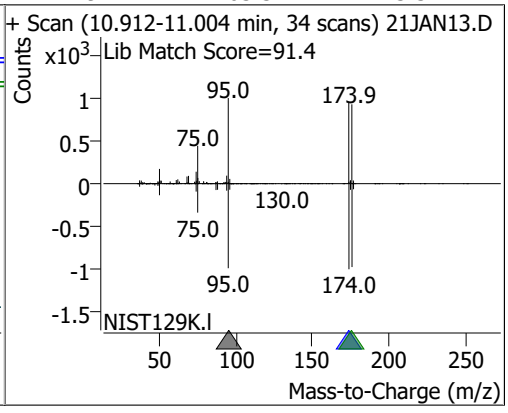




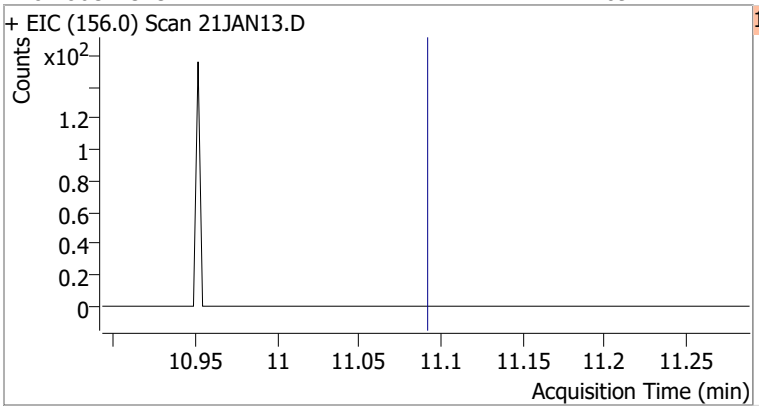
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	261.4275	10.95	0.00	227445	174.0	94.8	65.3	125.3
					176.0	91.2	63.3	123.3

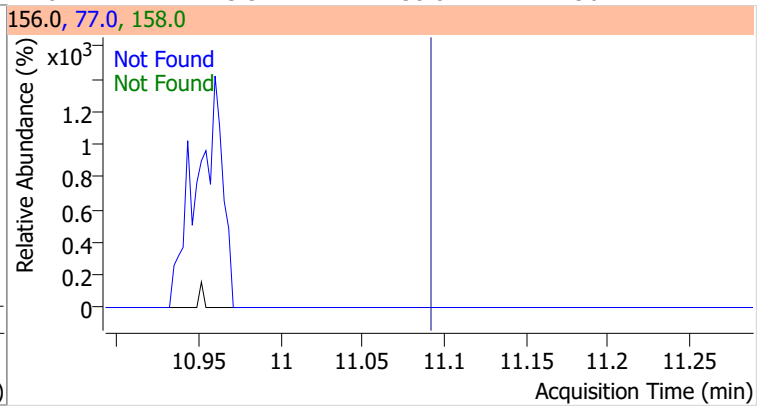




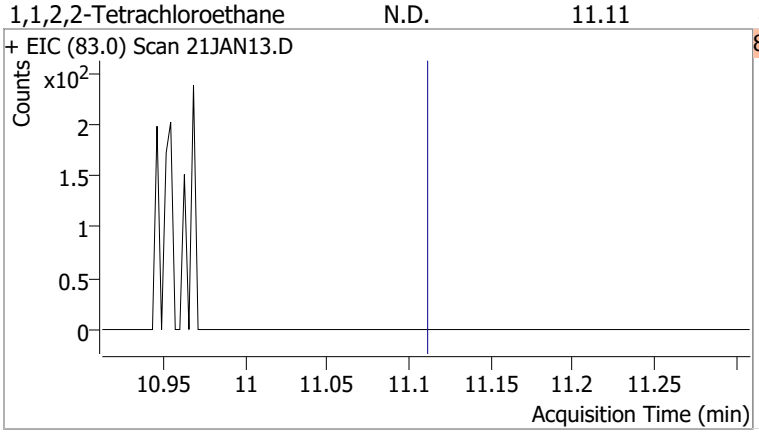


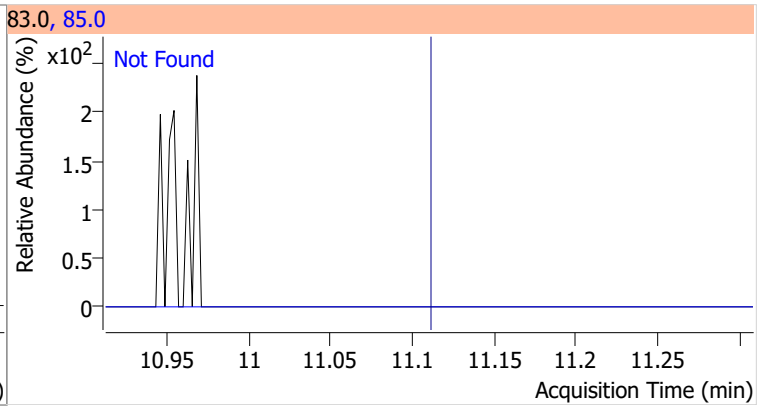
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



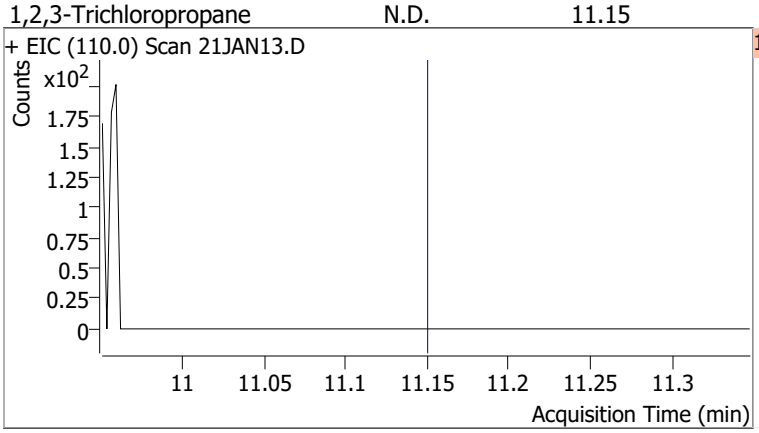


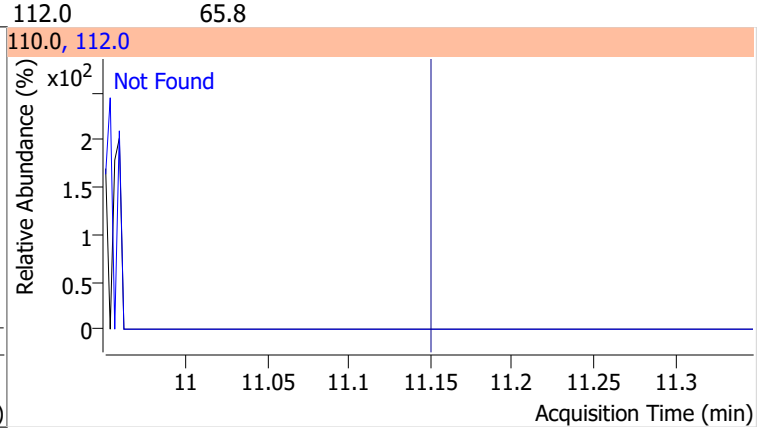
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



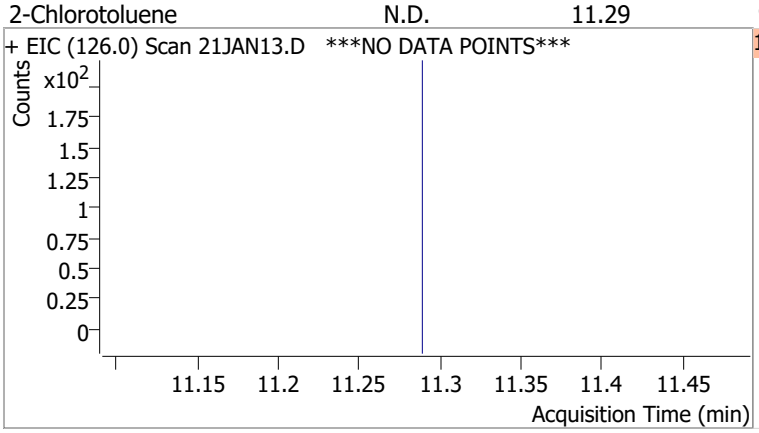


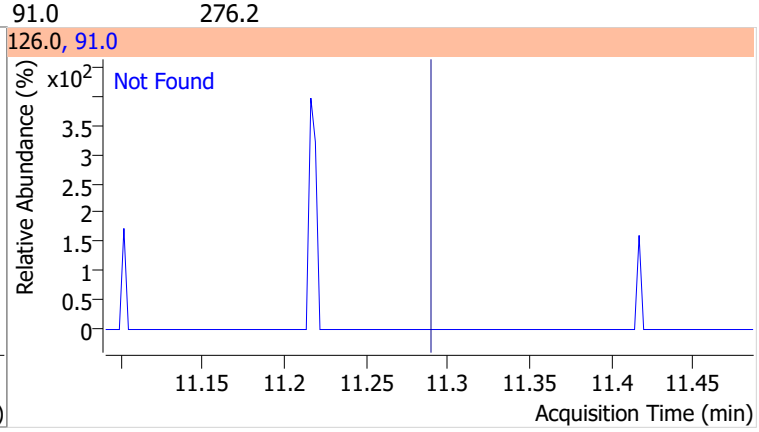
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



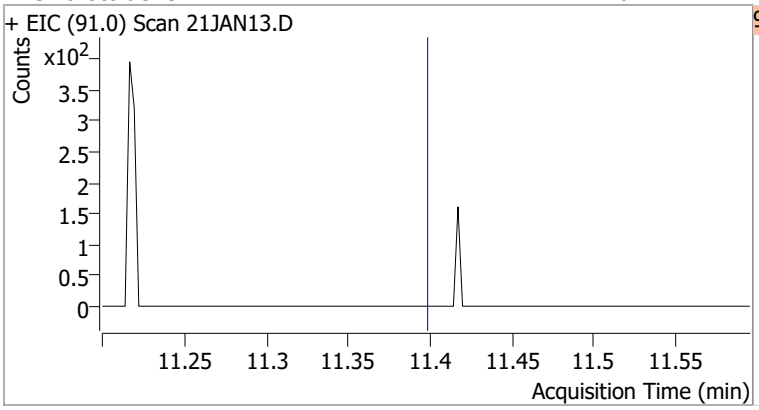


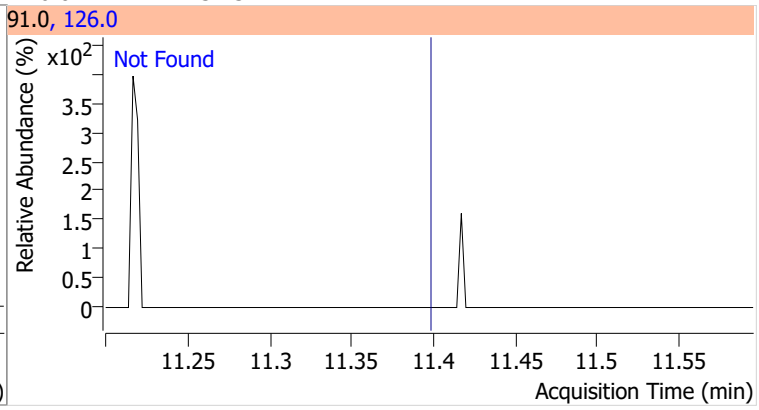
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



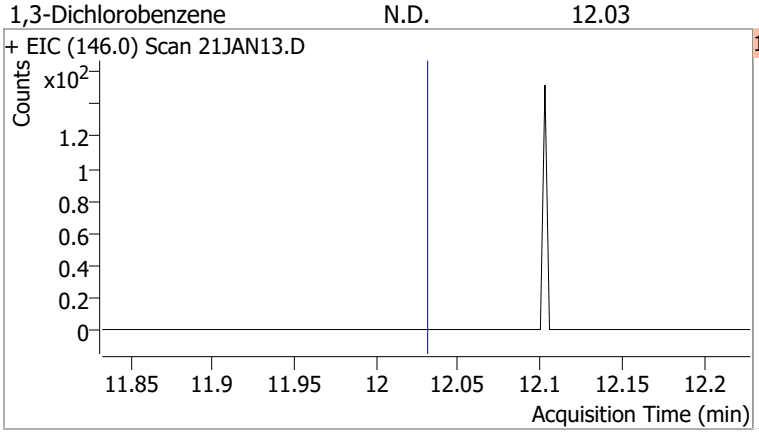


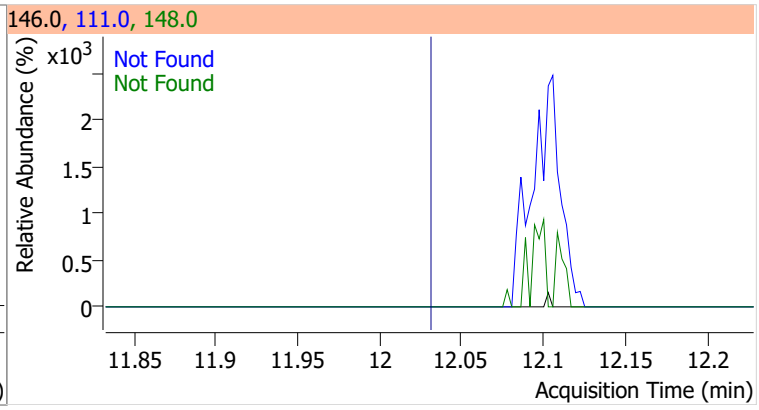
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



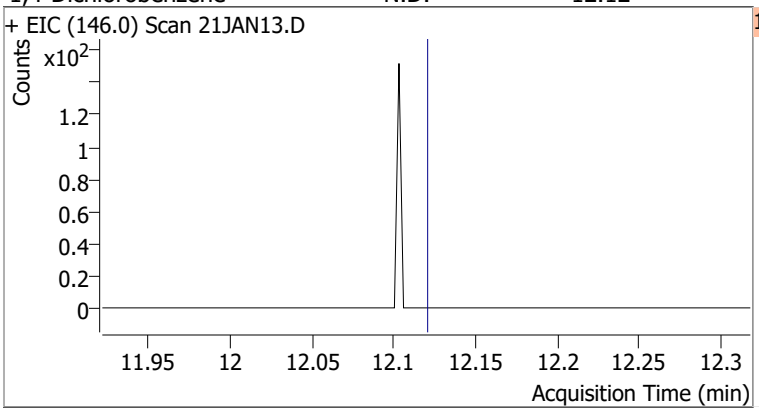


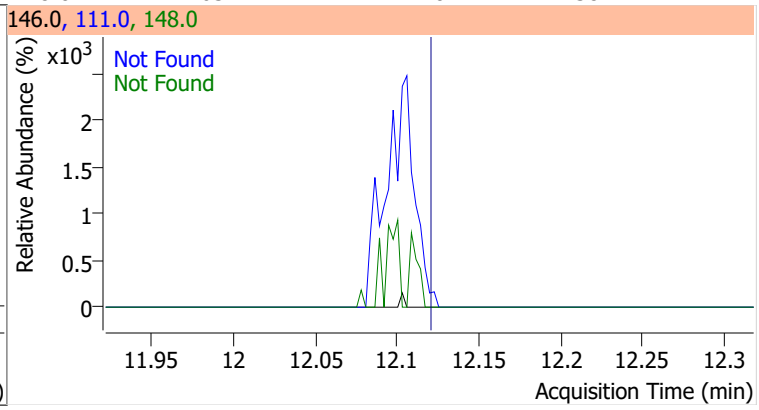
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



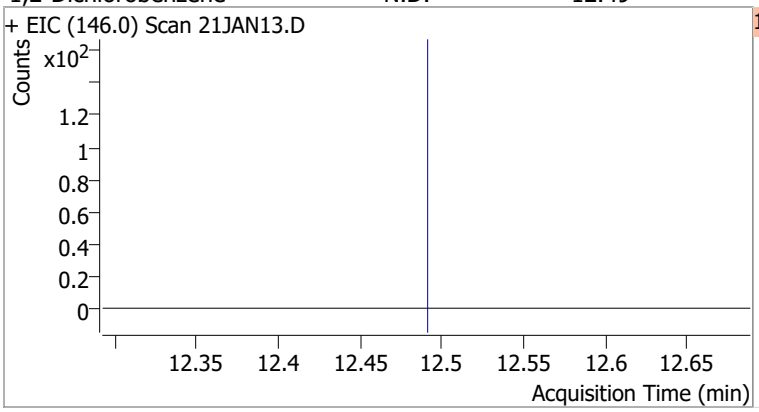


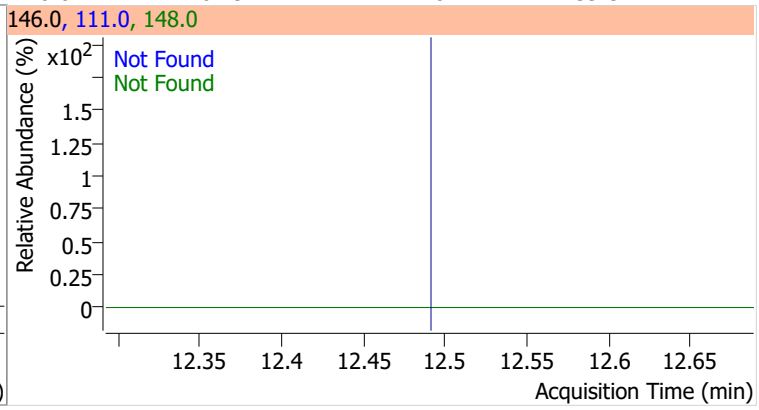
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





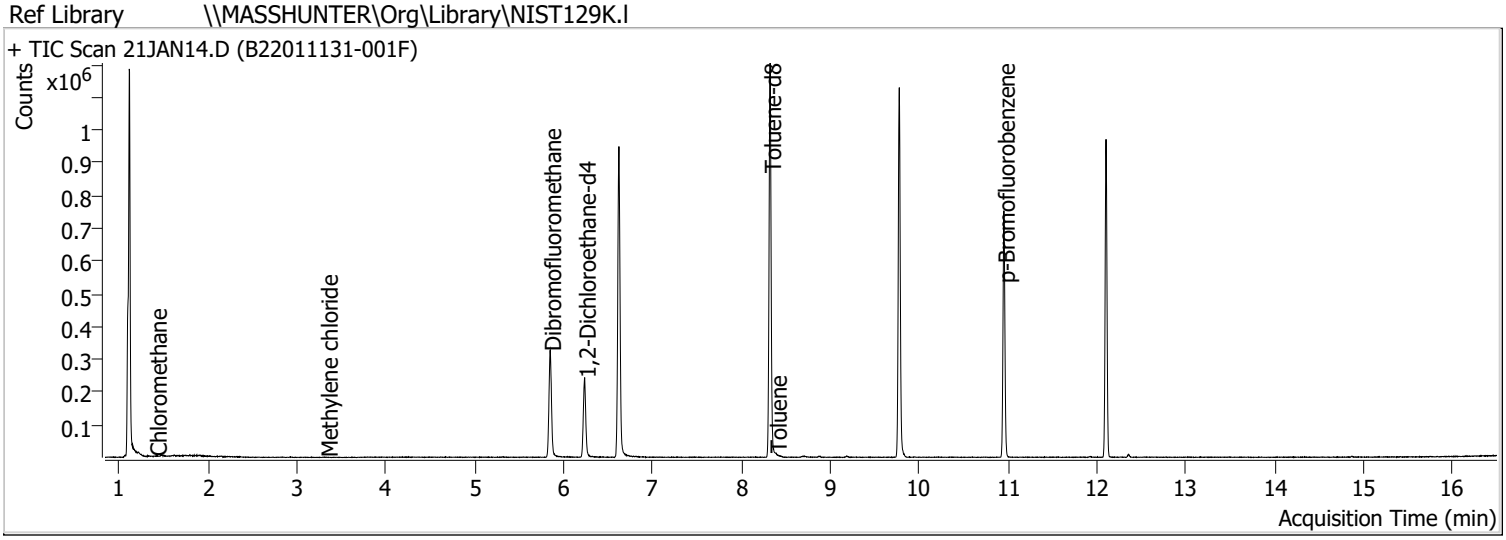
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN14.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 3:42:11 PM
Sample Name	B22011131-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

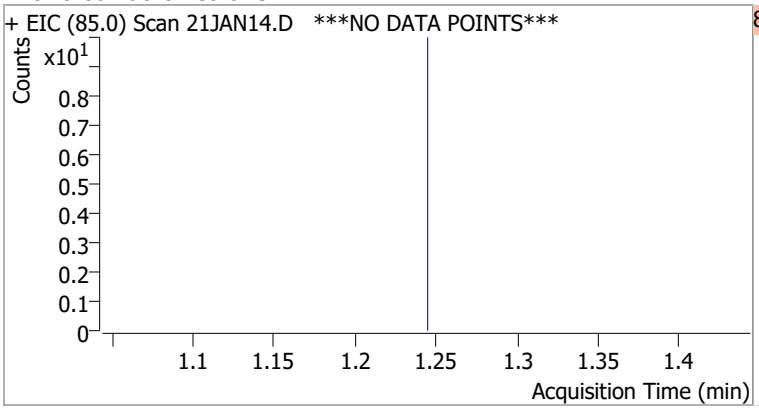


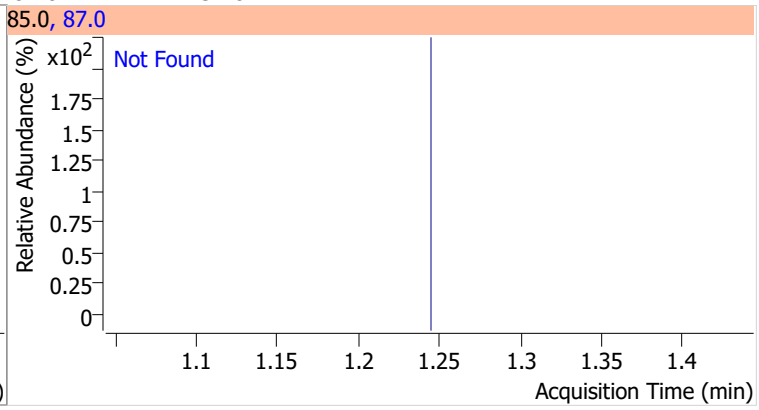
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	788797	250.0000	ng		0.000
M Chlorobenzene-d5	9.775	82.0	308077	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	230461	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	194050	253.9872	ng		-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 101.59%			
S 1,2-Dichloroethane-d4	6.236	67.0	86653	262.5576	ng		0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 105.02%			
S Toluene-d8	8.322	98.0	724894	241.1821	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 96.47%			
S p-Bromofluorobenzene	10.951	95.0	214728	252.3494	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 100.94%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.411	50.0	1629	1.3049	ng	m	95
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.336	49.0	244	0.2120	ng	m	72
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	0.000		0	N.D.			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.386	92.0	793	0.3961	ng	m	81
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.			

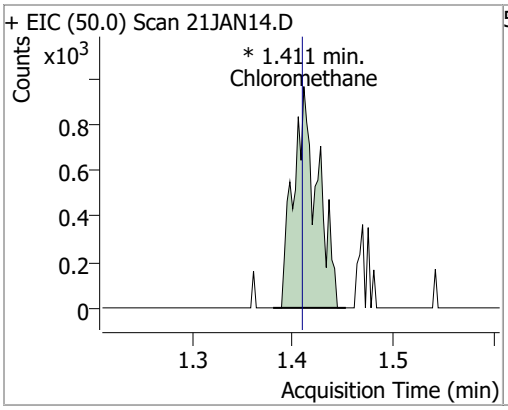
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

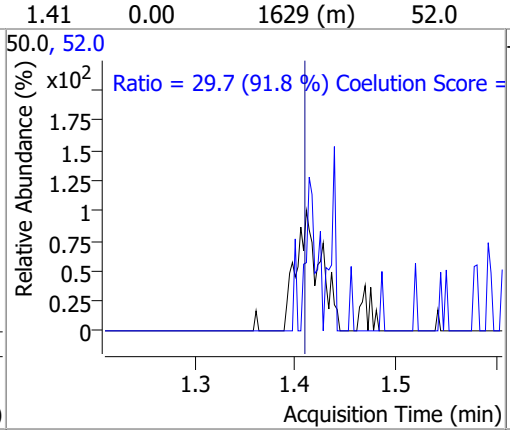
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

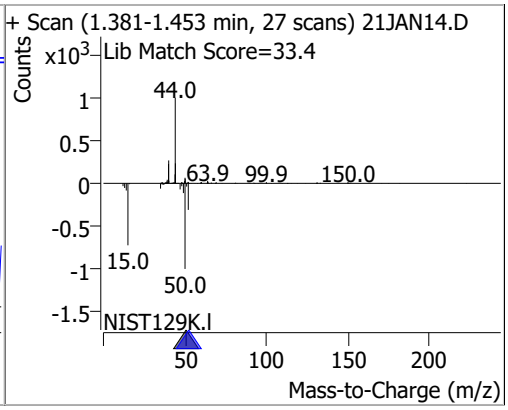




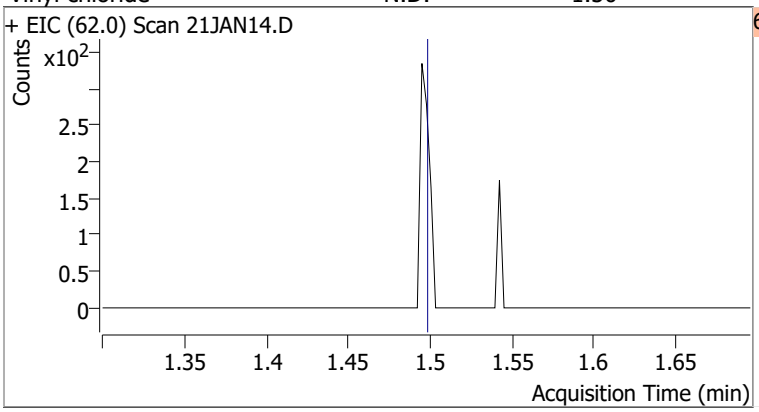
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1.3049	1.41	0.00	1629 (m)	52.0	29.7	2.4	62.4

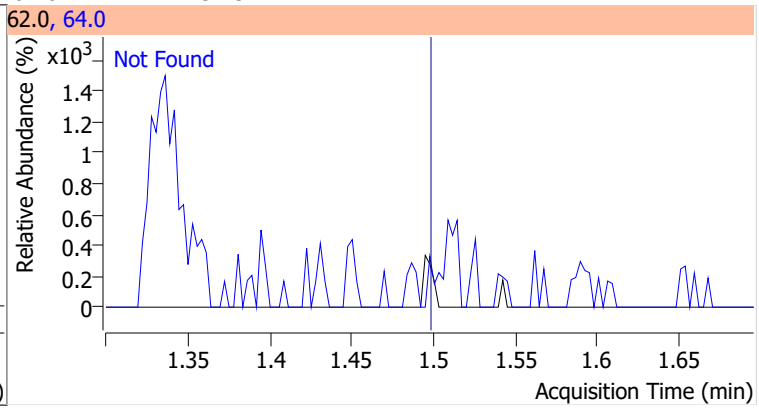




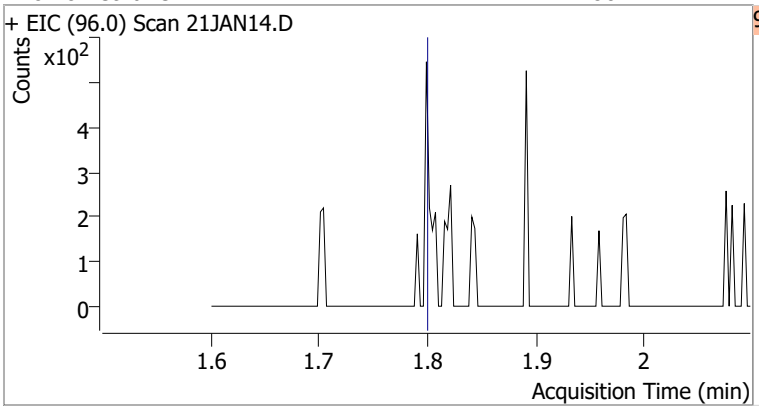


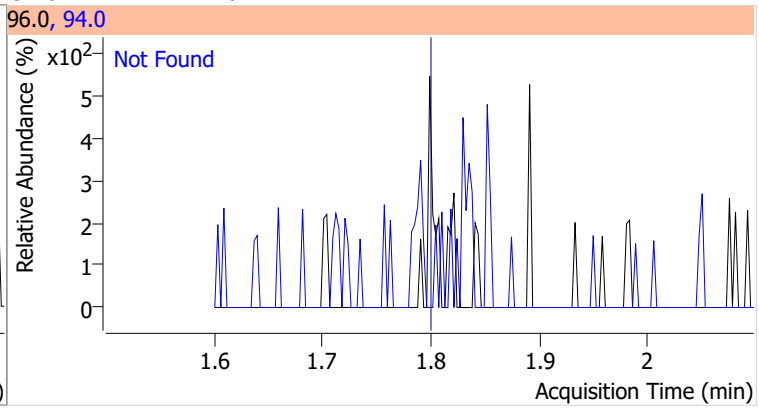
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



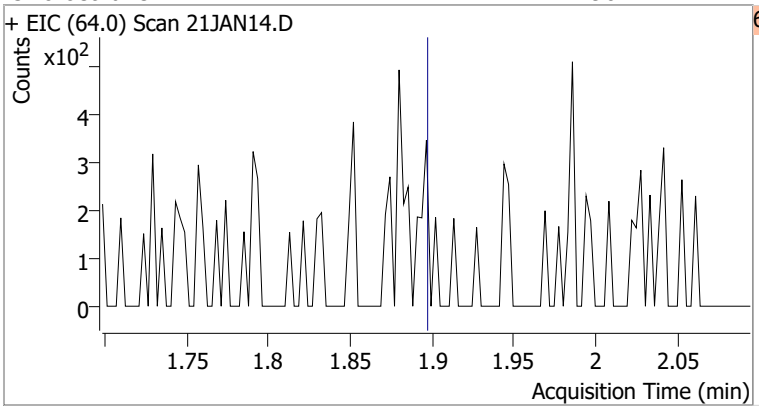


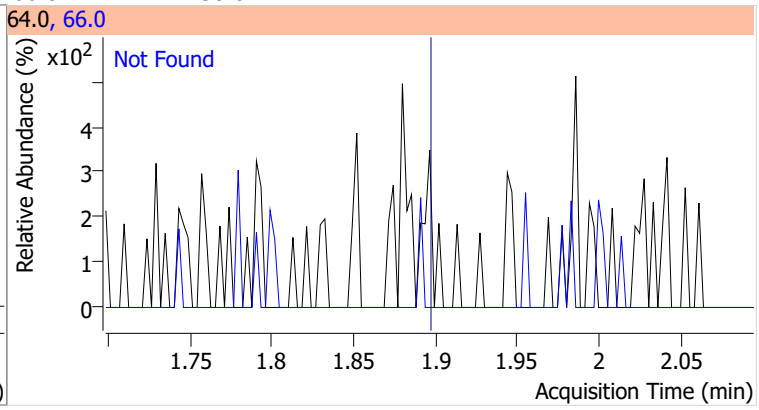
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



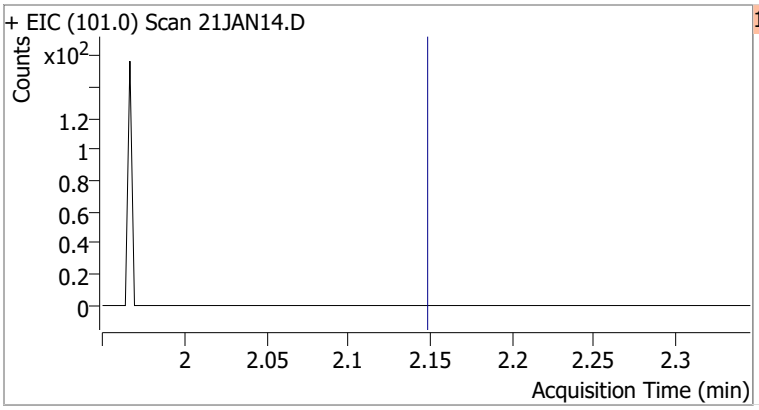


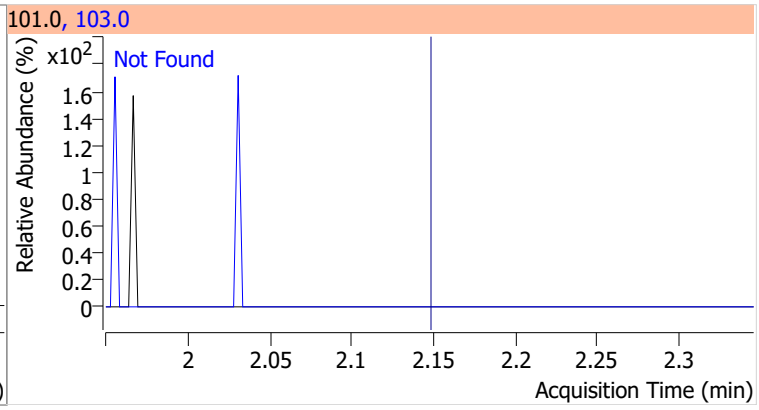
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



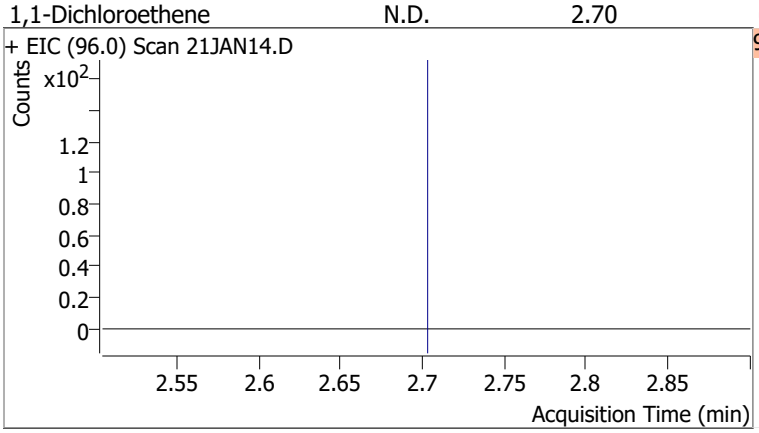


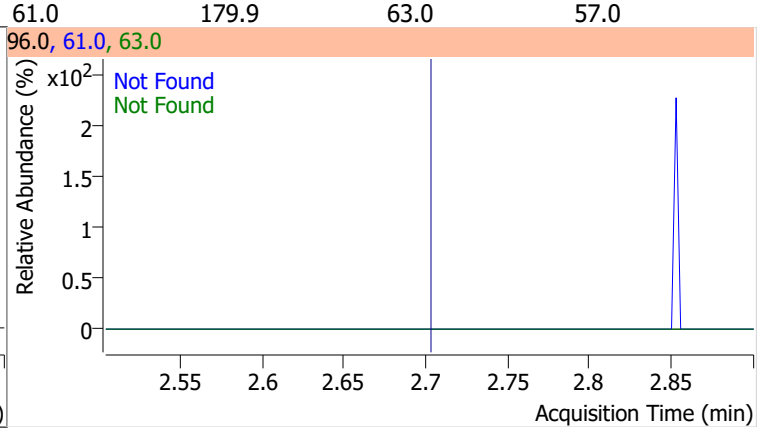
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



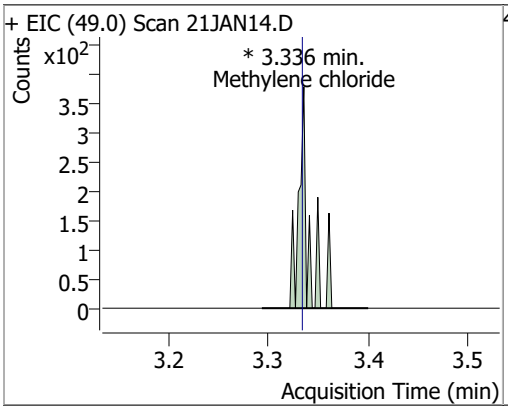


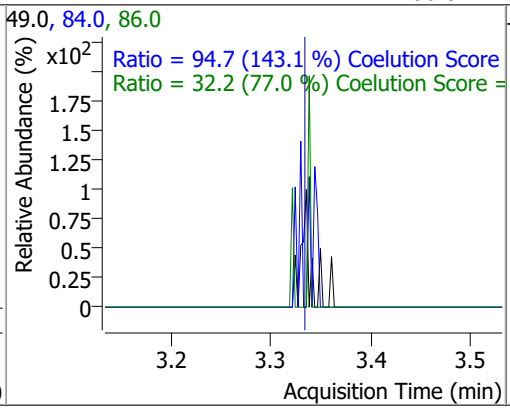
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

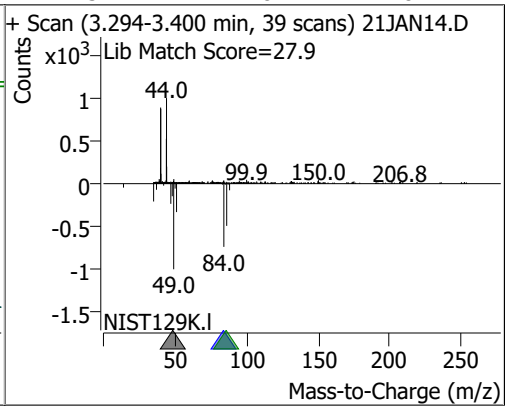




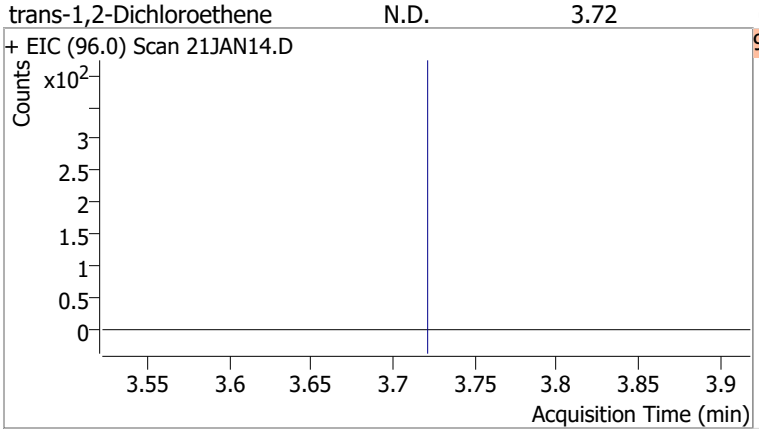
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.2120	3.34	0.00	244 (m)	84.0	94.7	36.1	96.1
					86.0	32.2	11.8	71.8

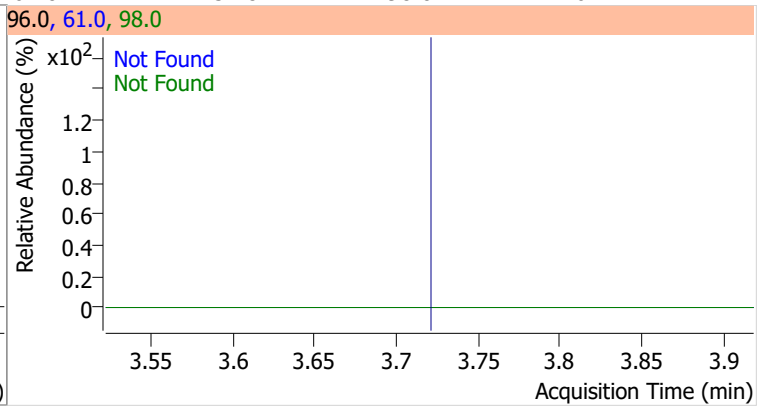




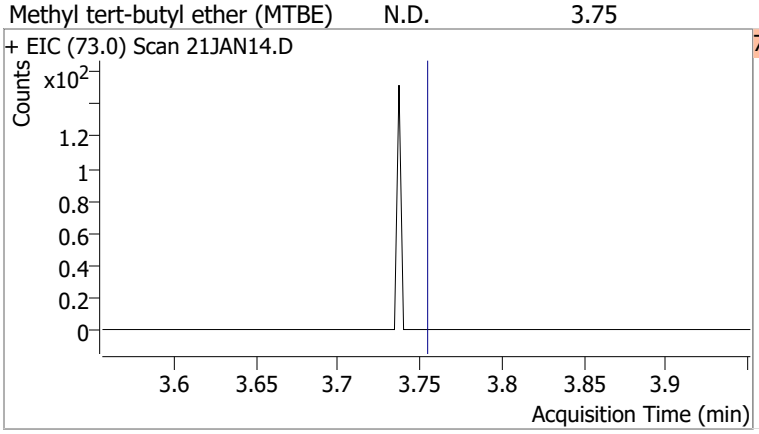


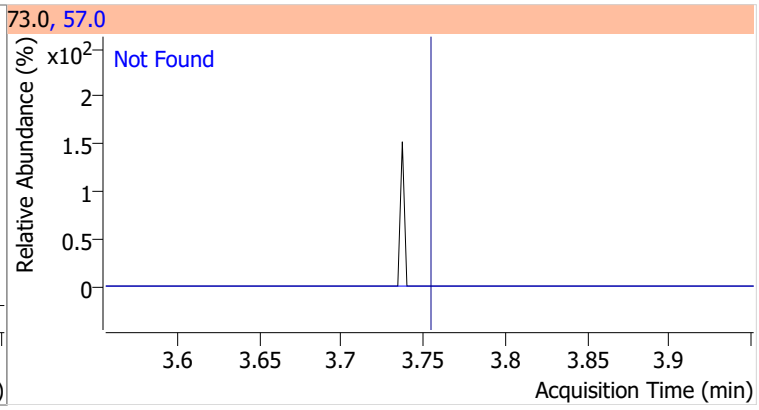
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



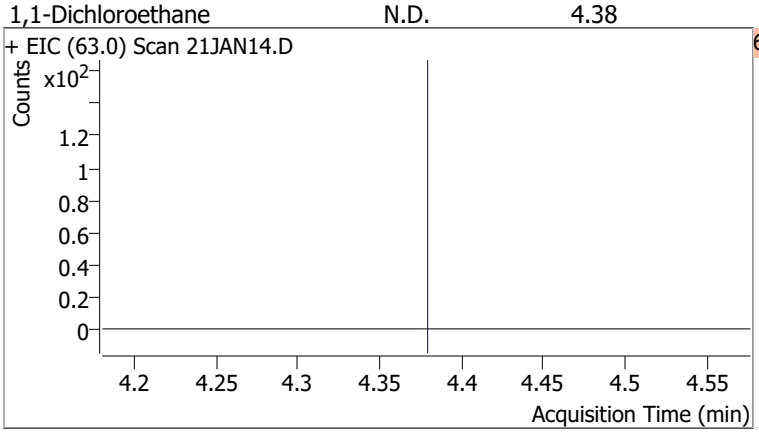


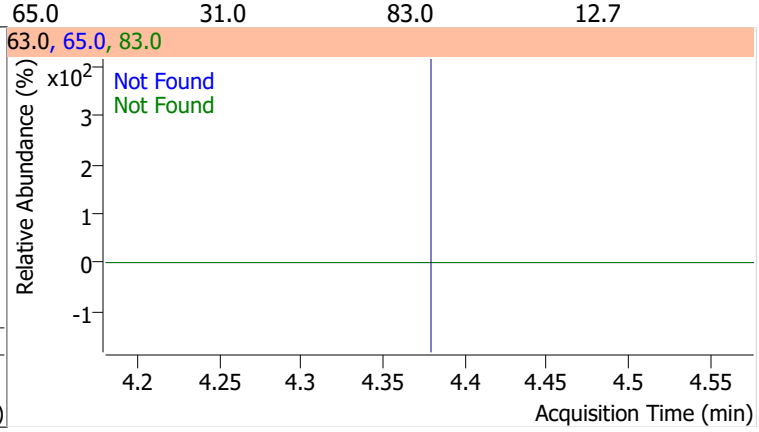
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



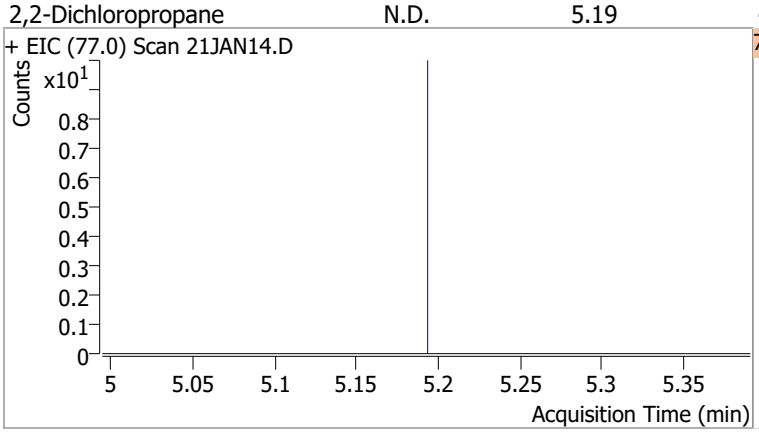


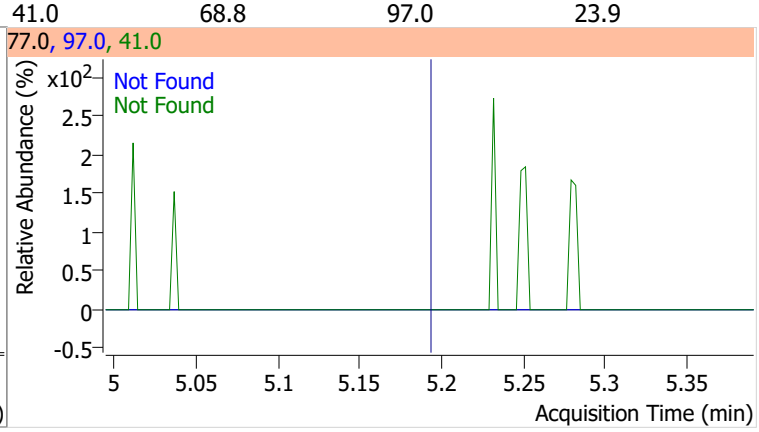
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



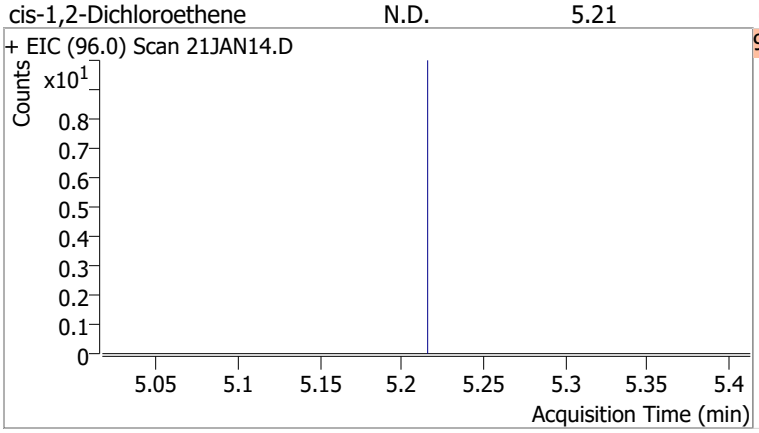


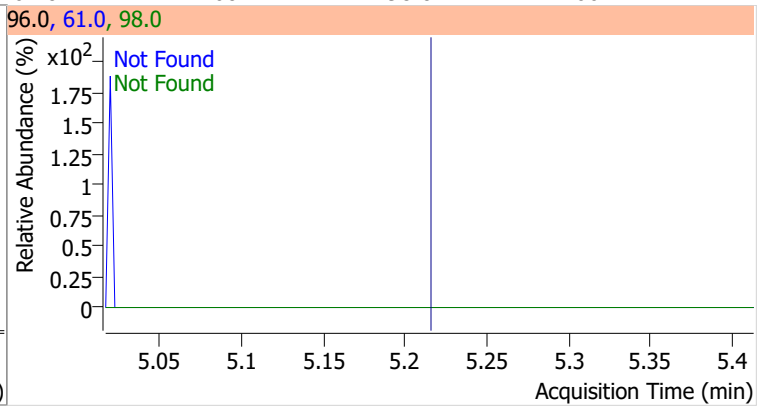
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



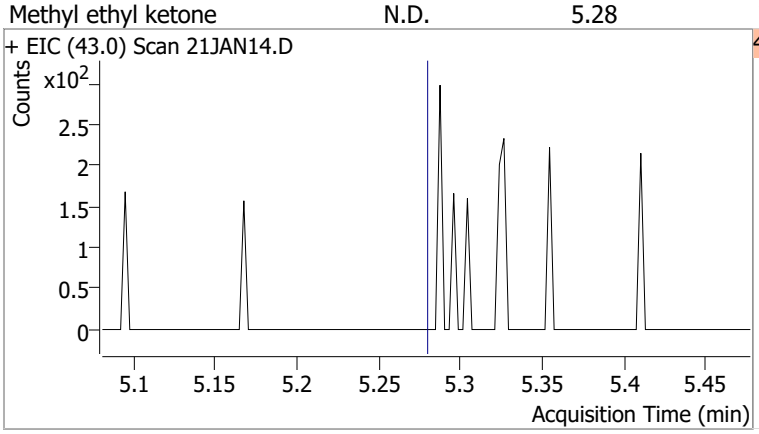


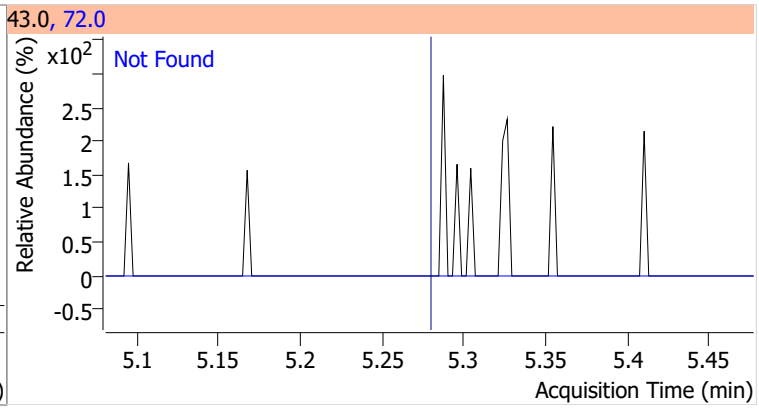
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



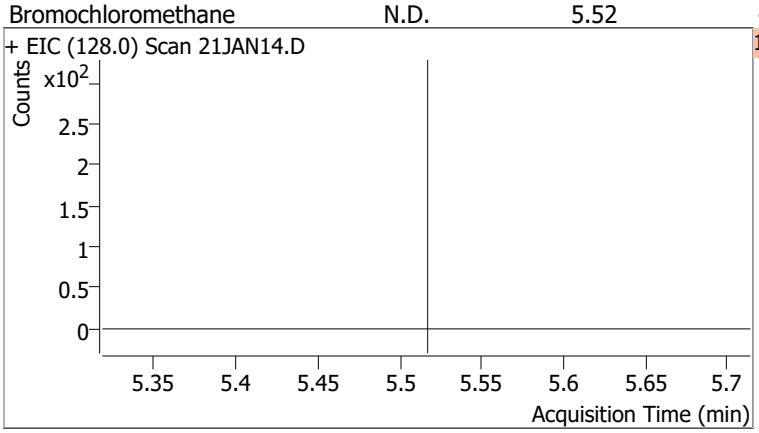


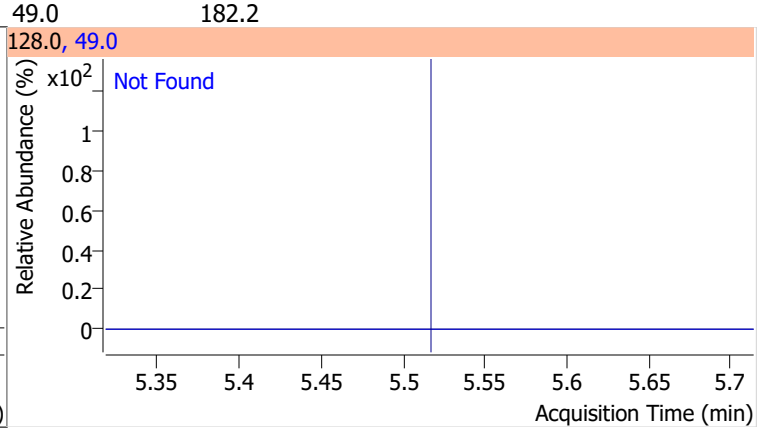
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



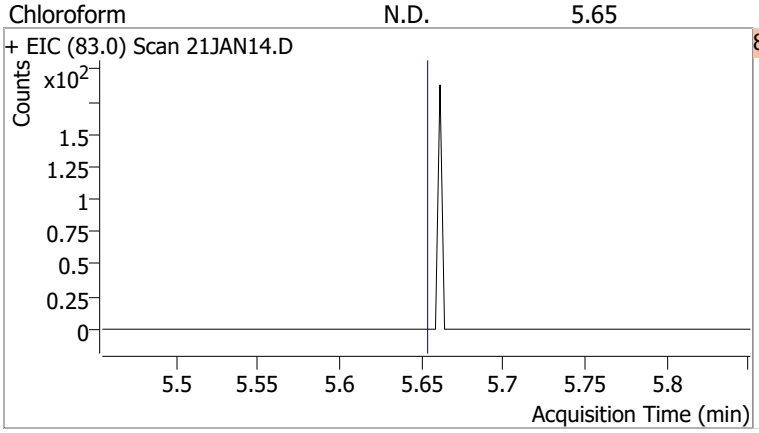


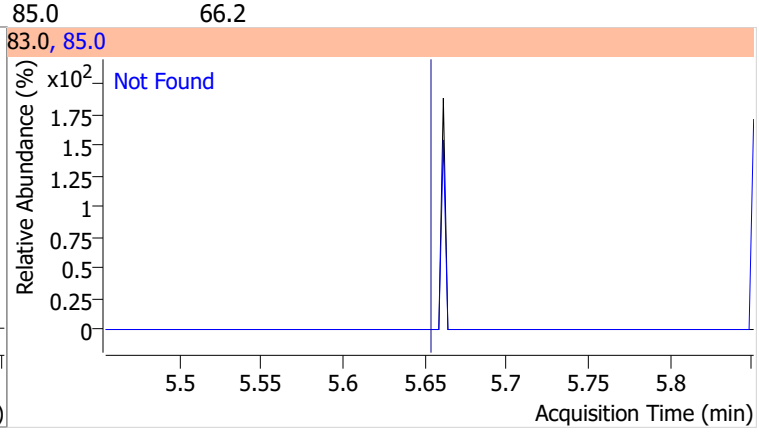
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



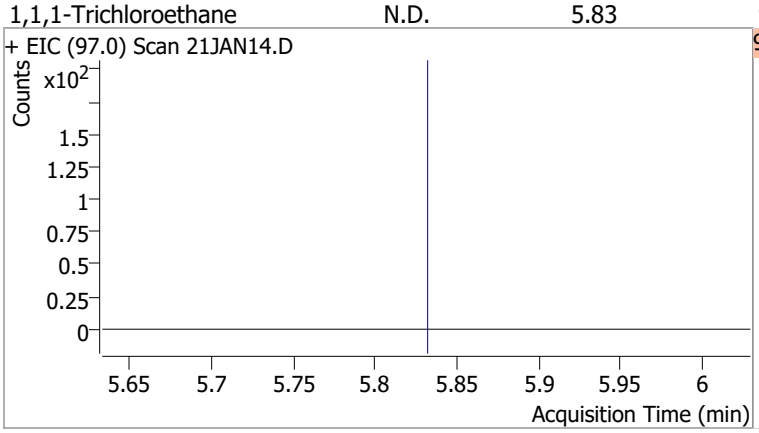


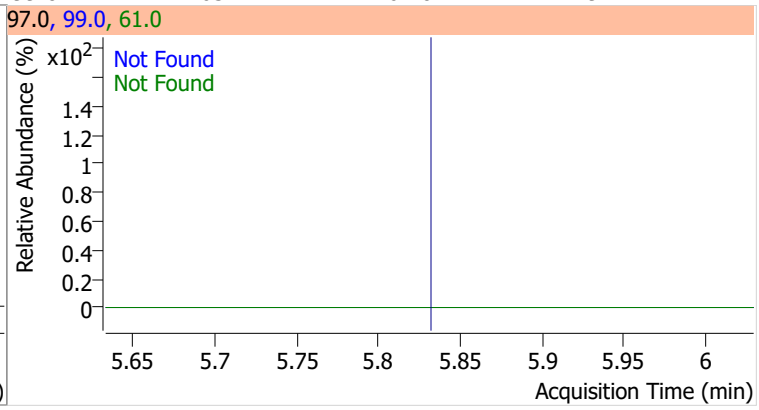
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



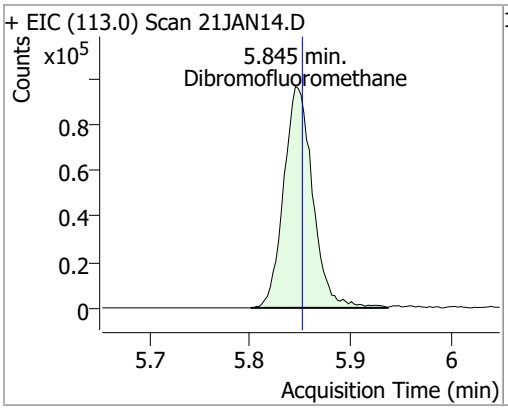


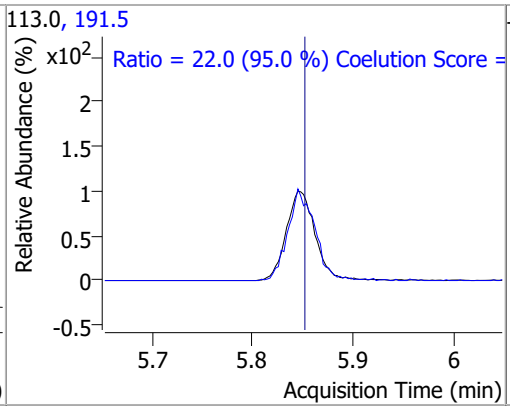
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

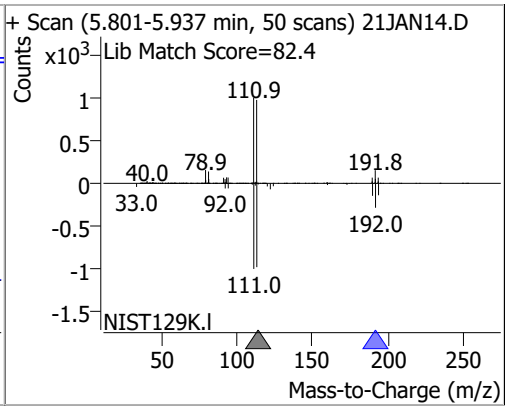




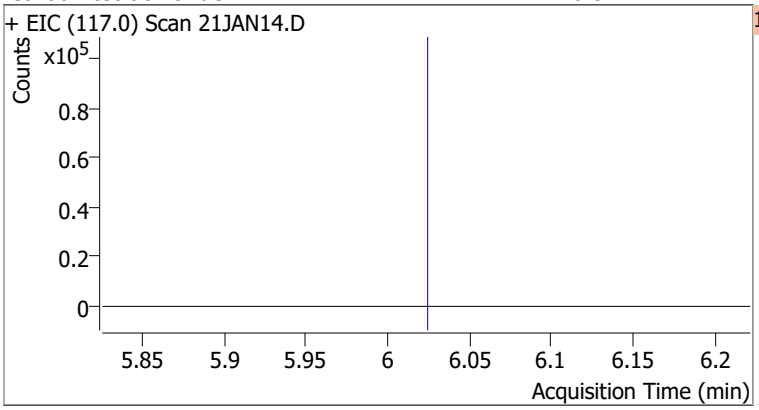
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	253.9872	5.85	-0.01	194050	191.5	22.0	0.0	53.2

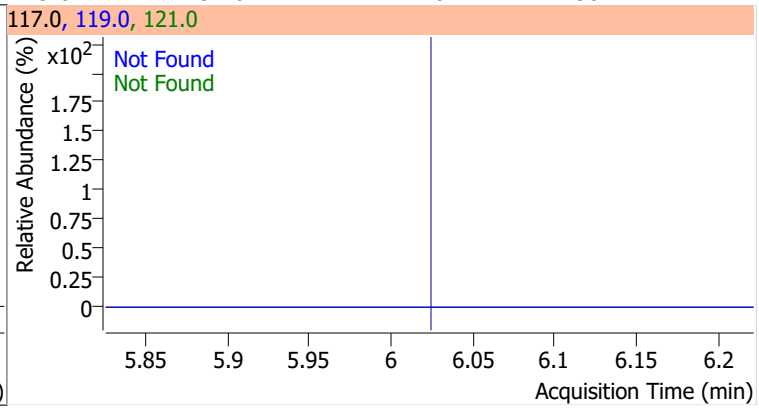




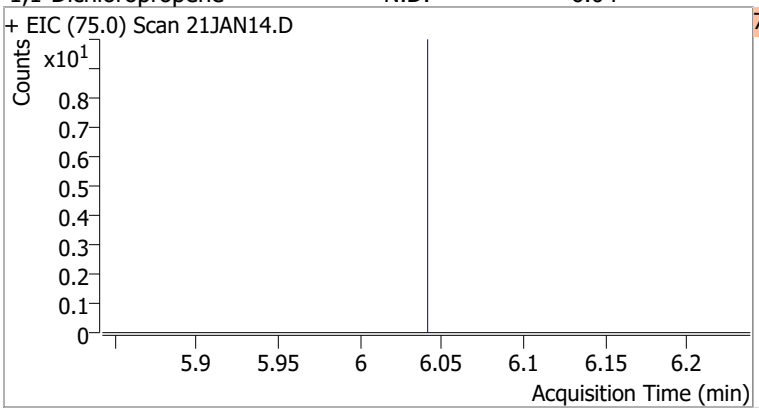


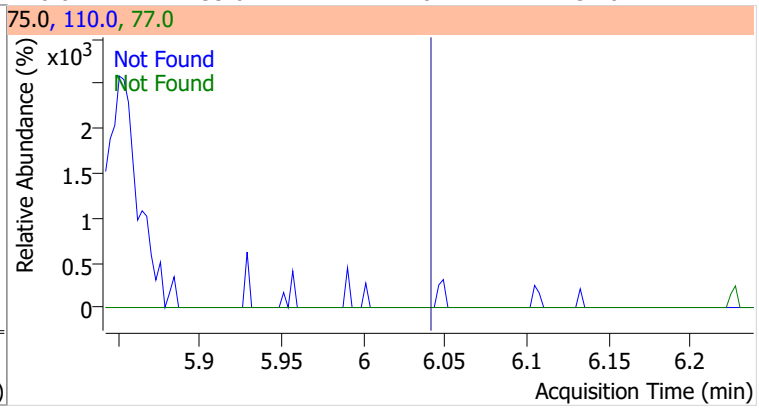
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



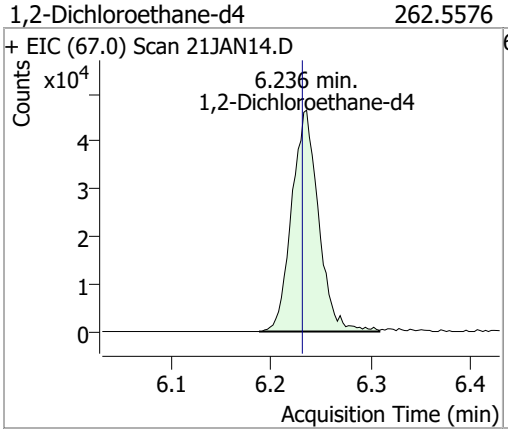


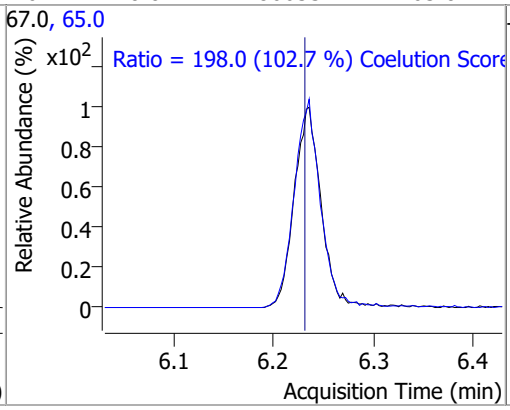
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

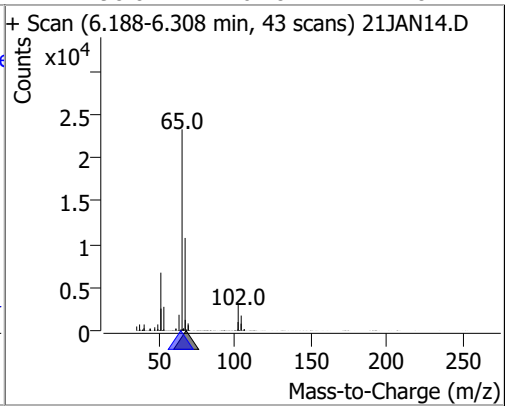




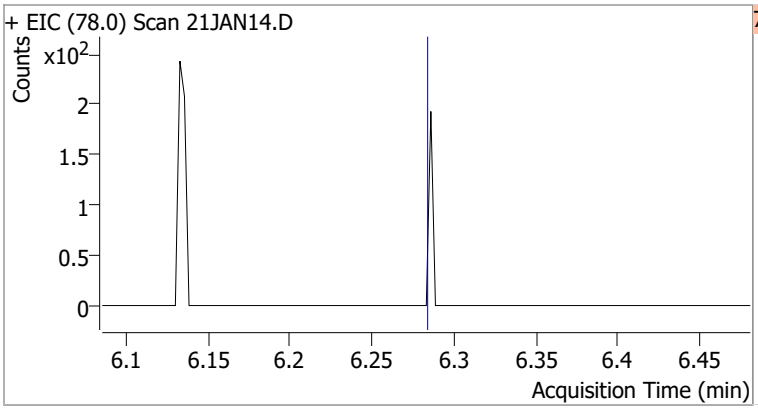
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	262.5576	6.24	0.01	86653	65.0	198.0	162.8	222.8

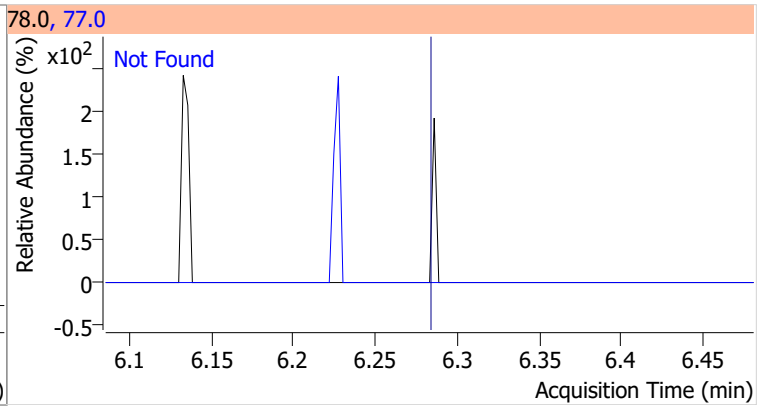




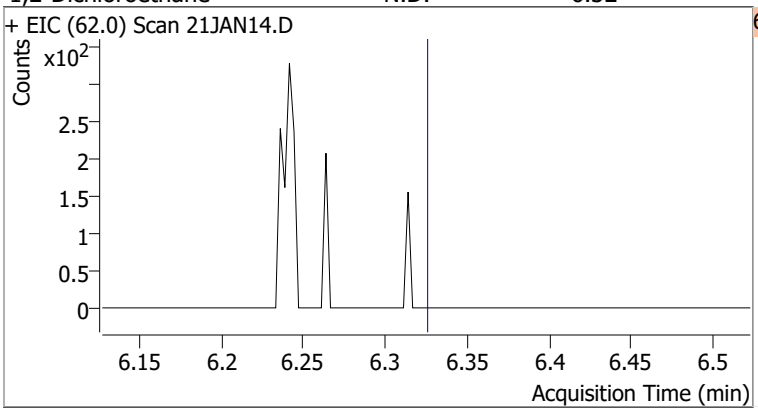


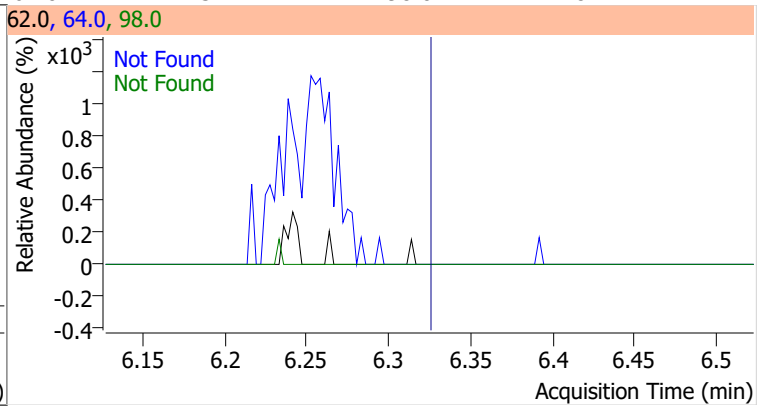
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



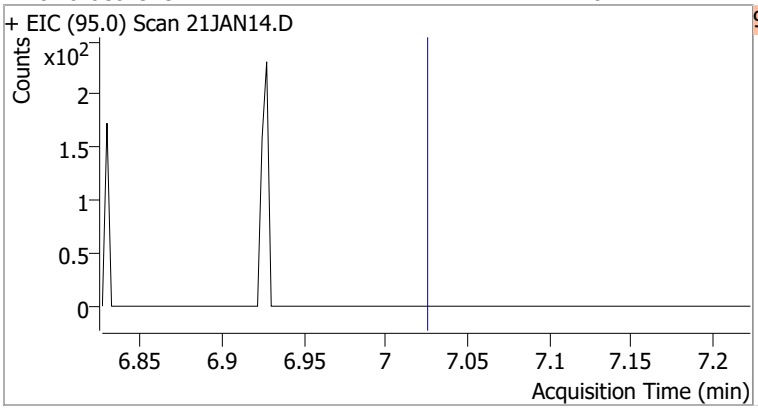


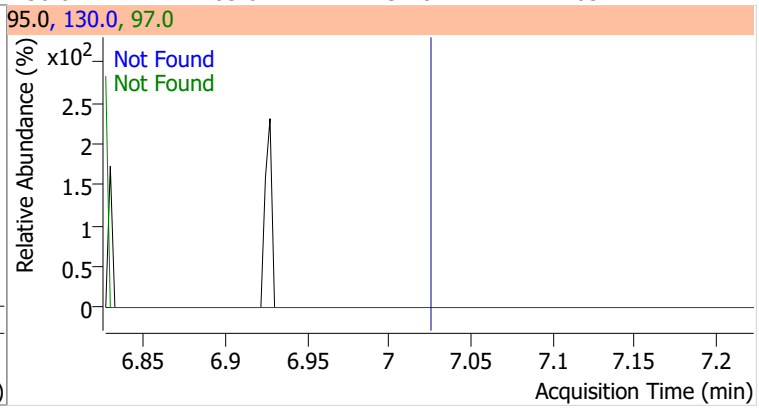
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



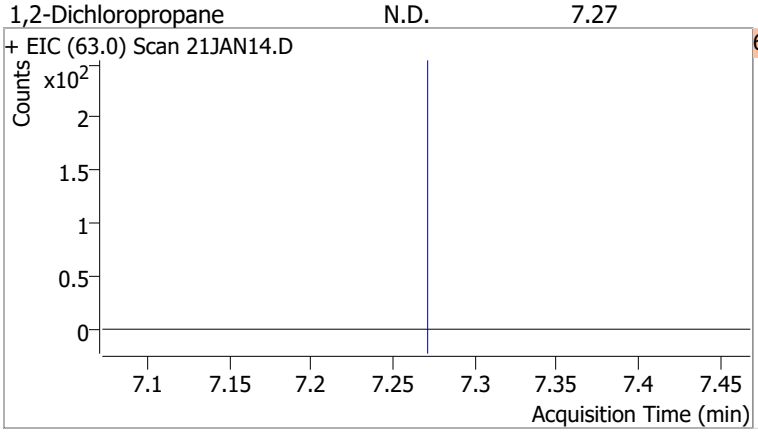


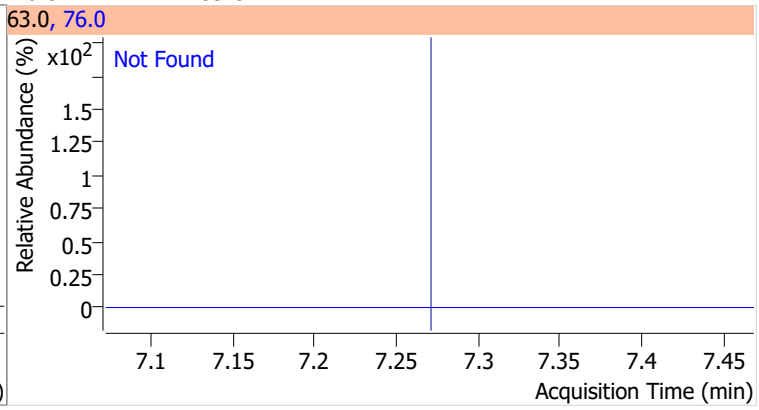
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



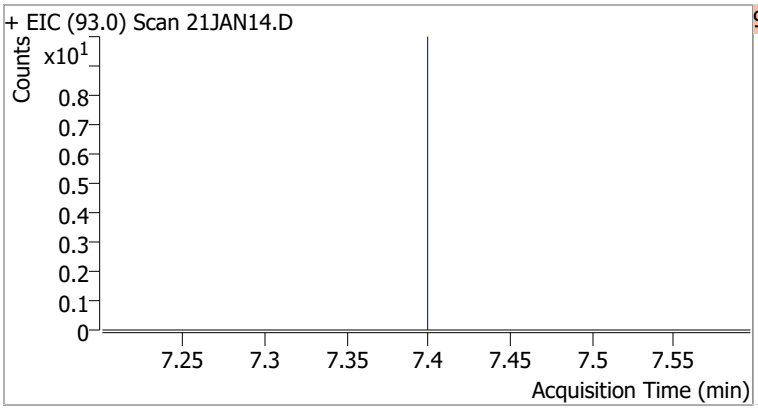


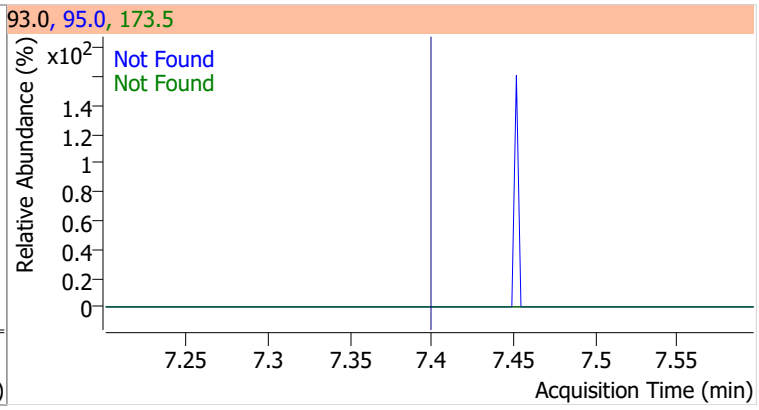
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



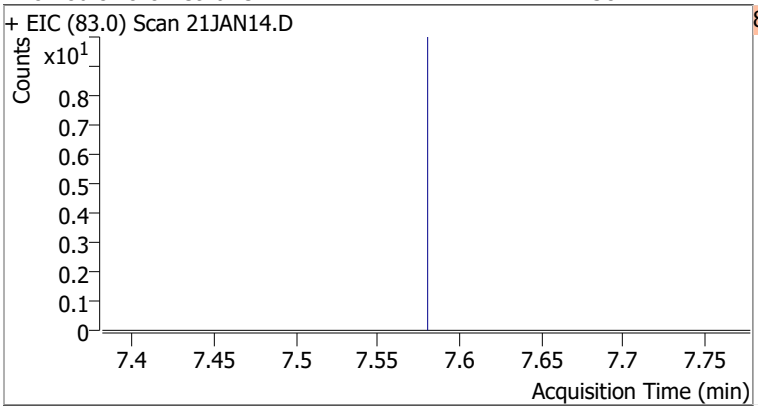


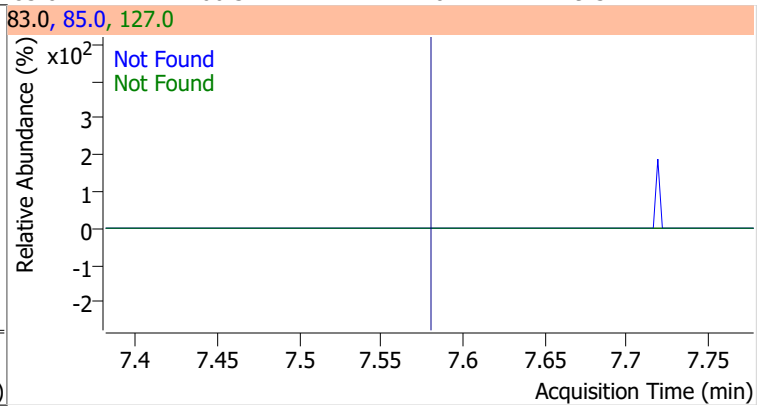
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



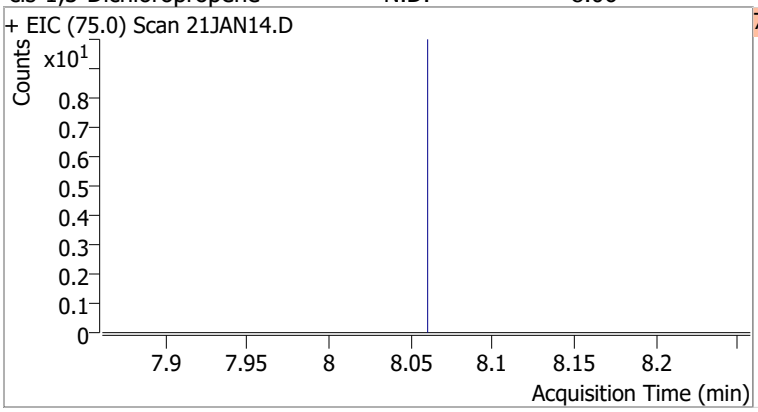


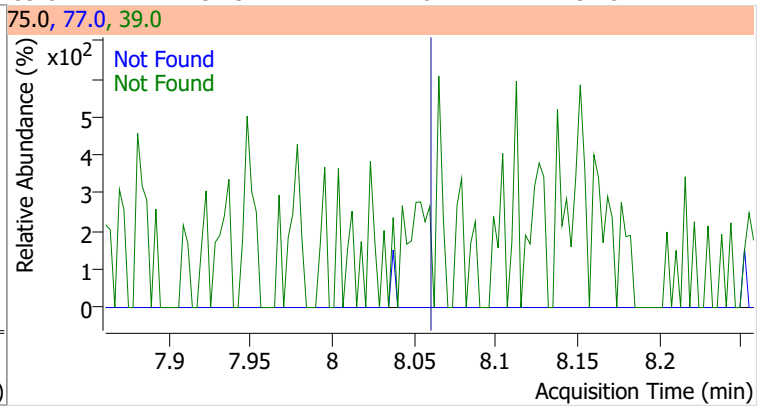
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



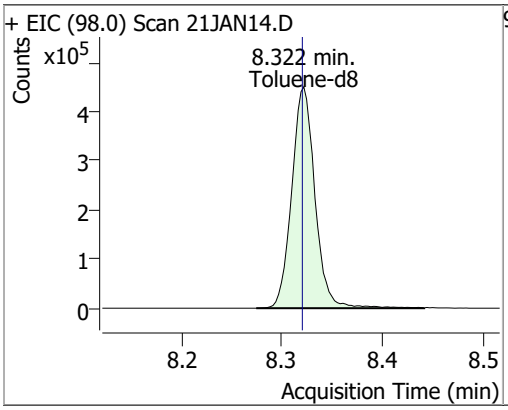


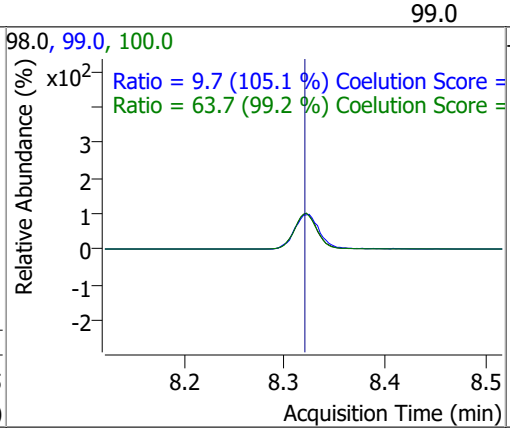
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

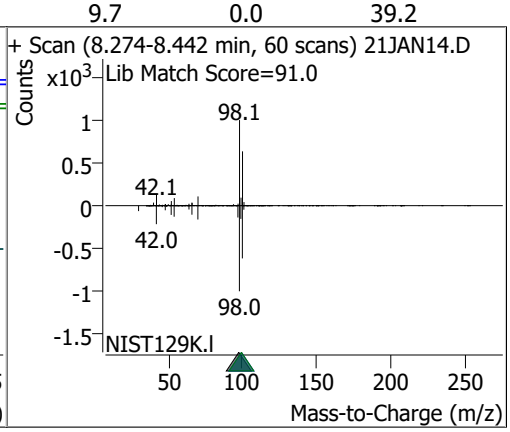




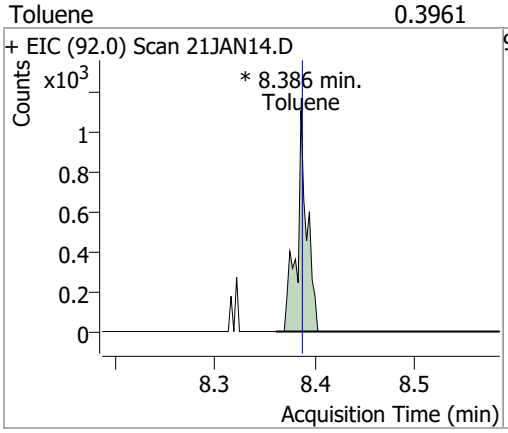
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	241.1821	8.32	0.00	724894	100.0	63.7	34.3	94.3
					99.0	9.7	0.0	39.2

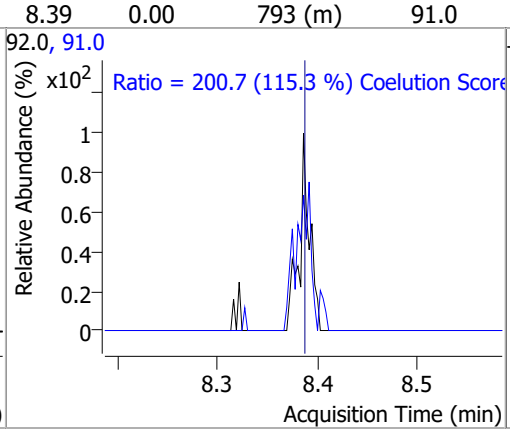


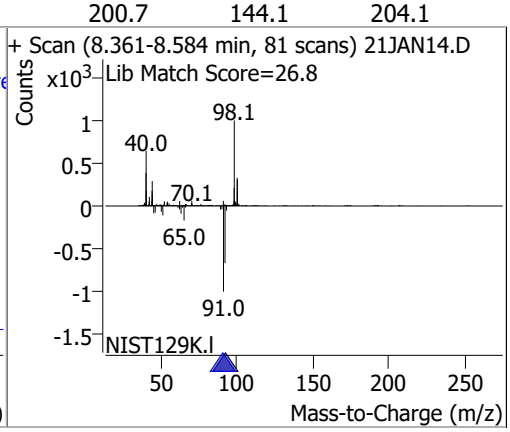




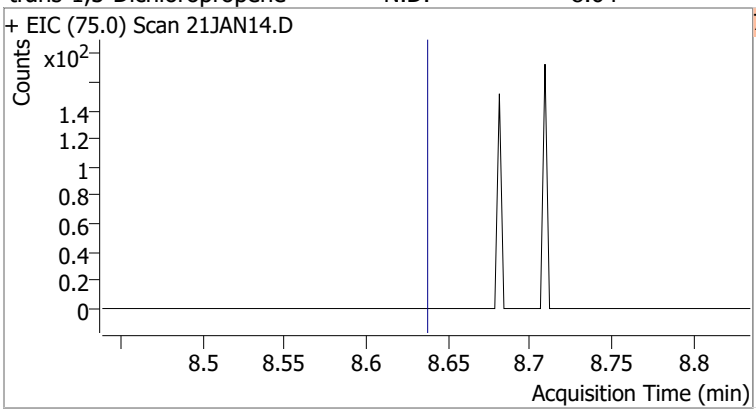
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.3961	8.39	0.00	793 (m)	91.0	200.7	144.1	204.1

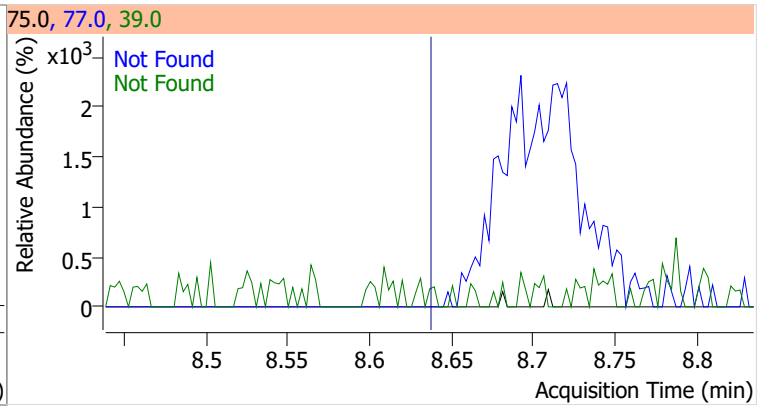




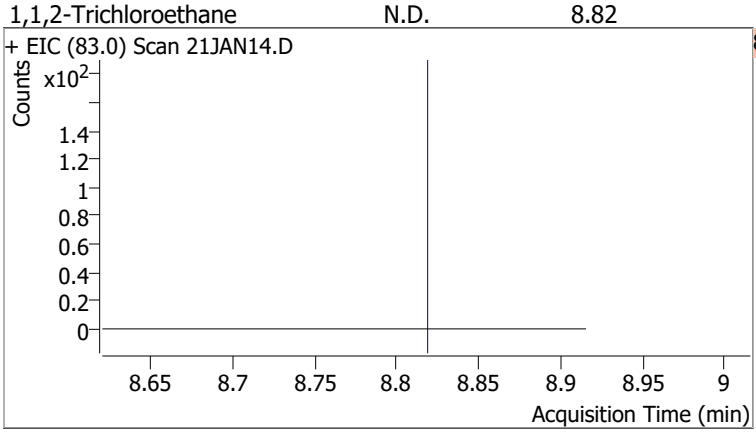


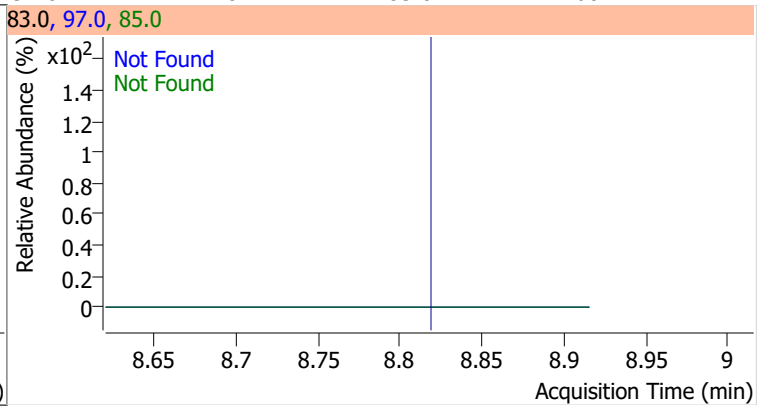
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



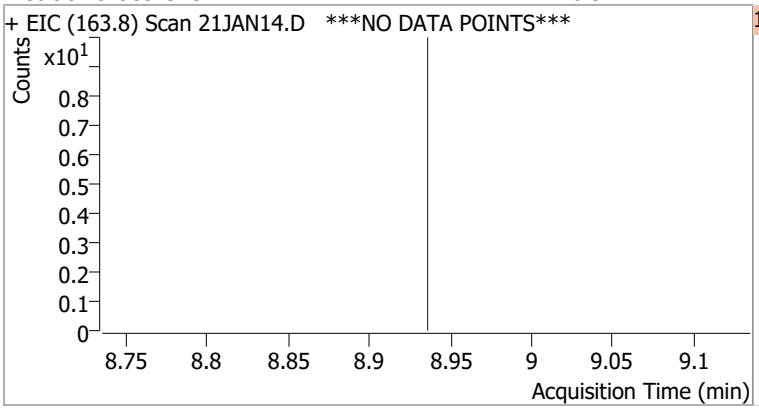


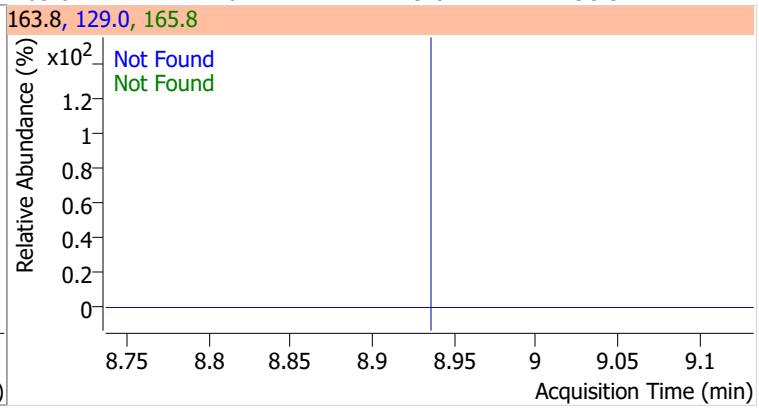
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



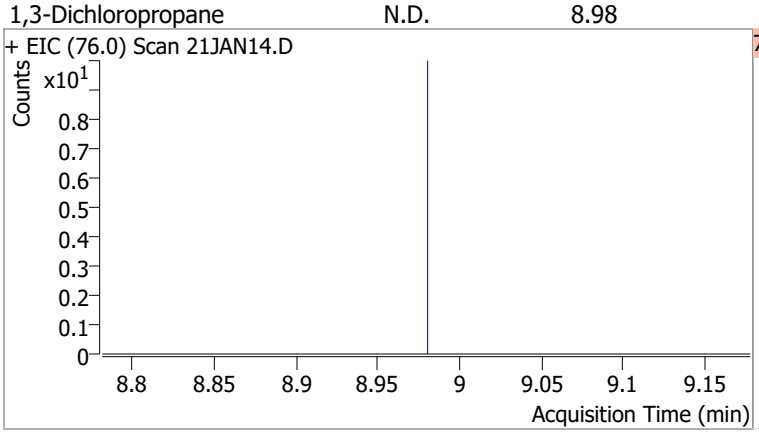


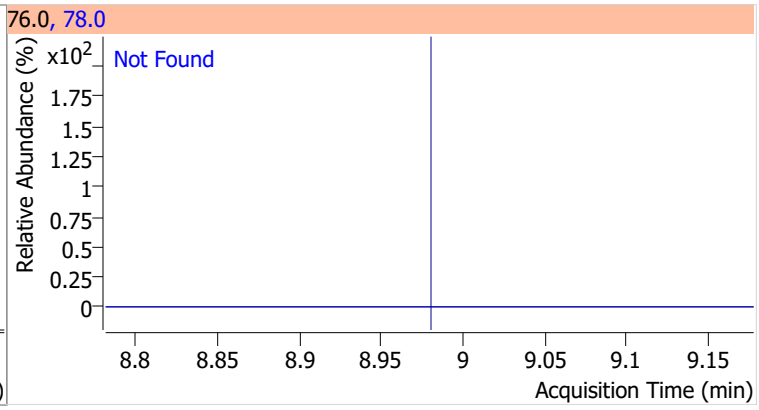
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



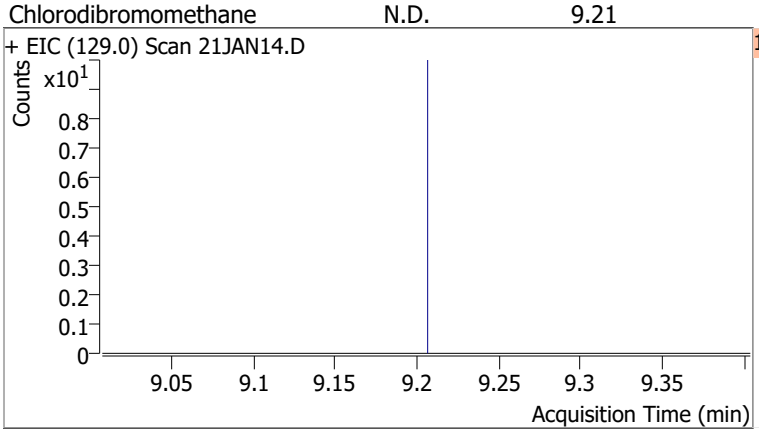


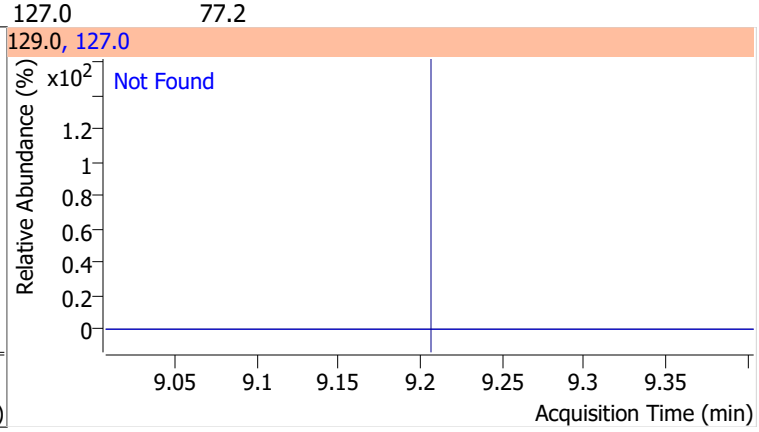
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



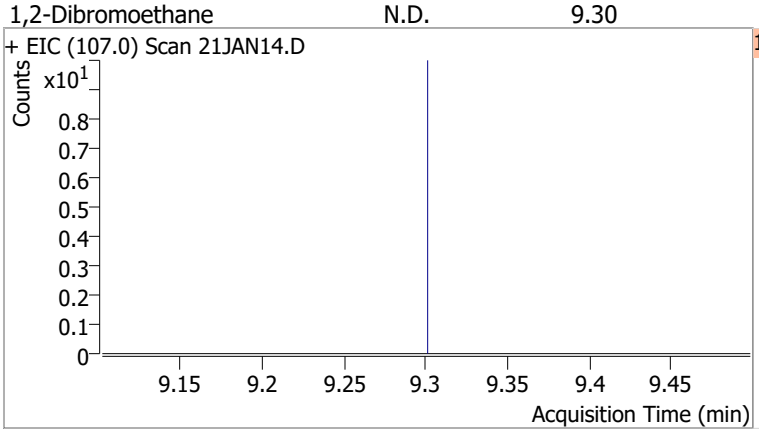


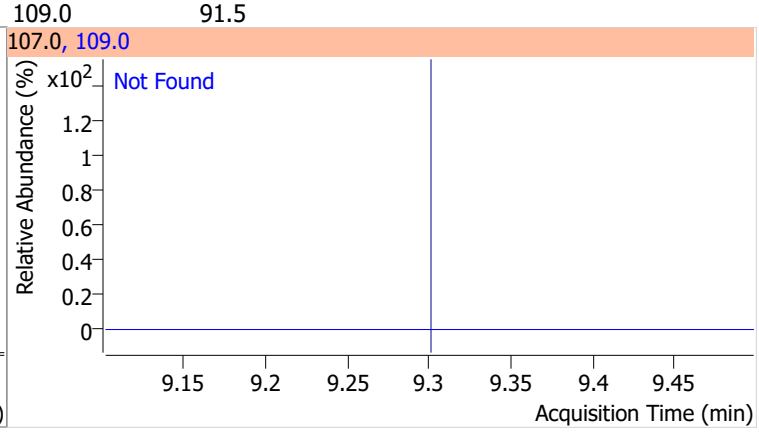
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



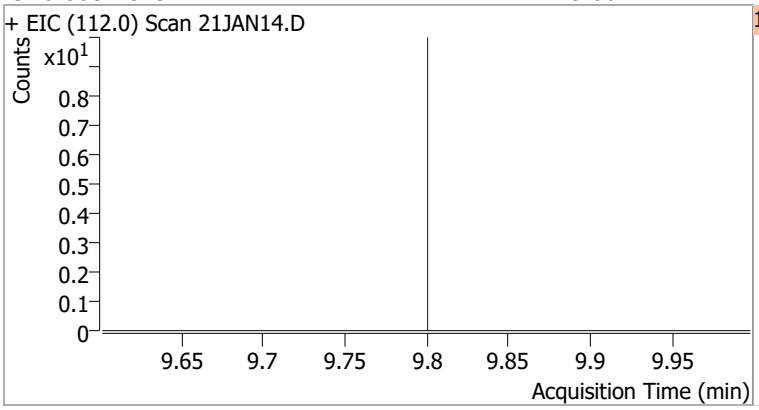


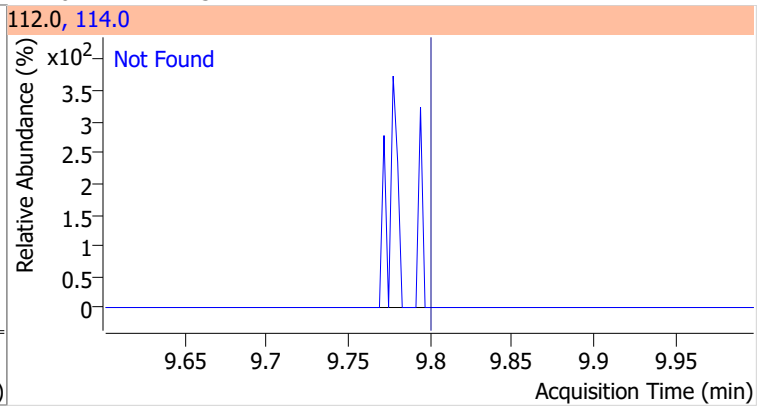
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



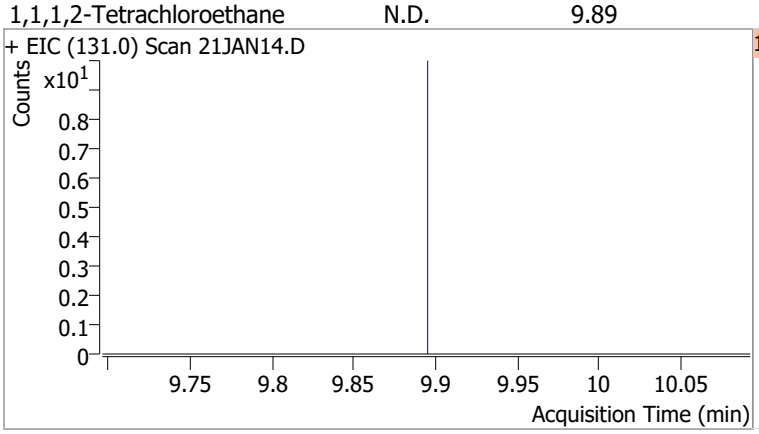


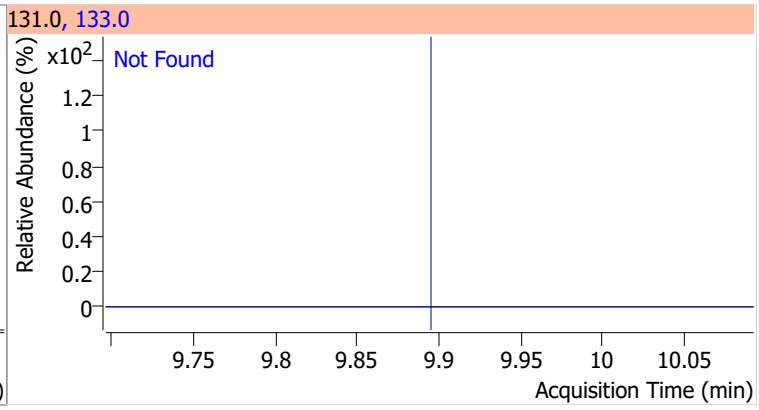
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



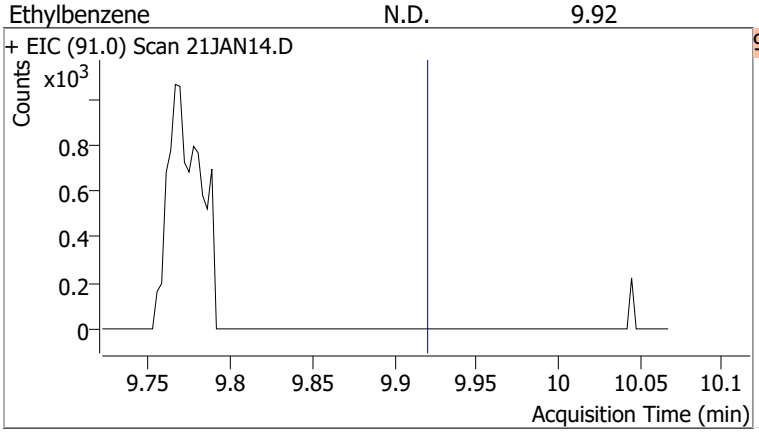


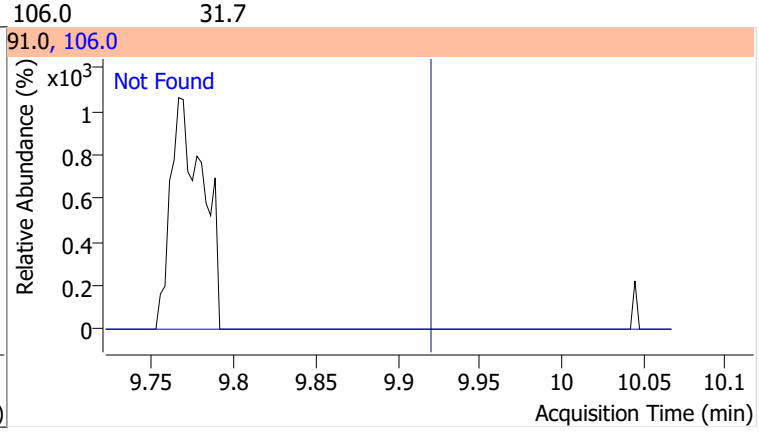
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



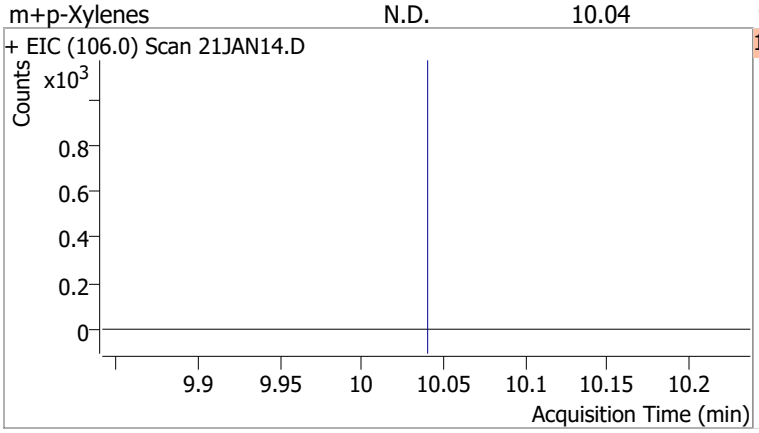


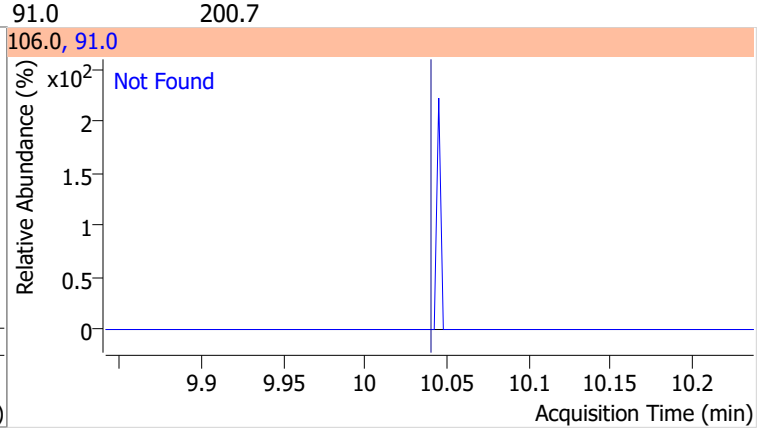
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



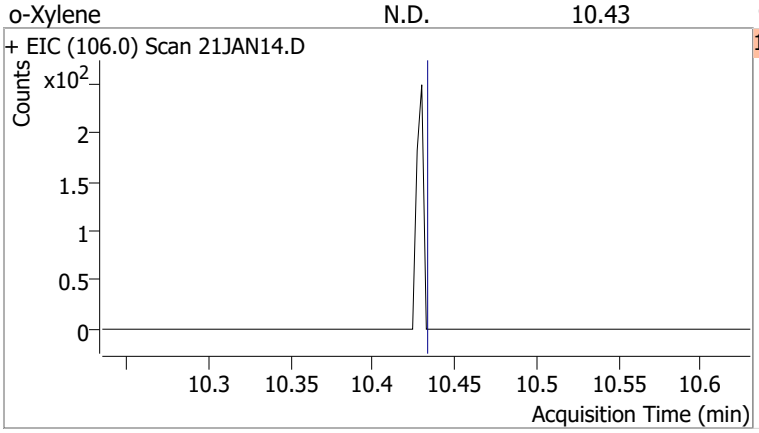


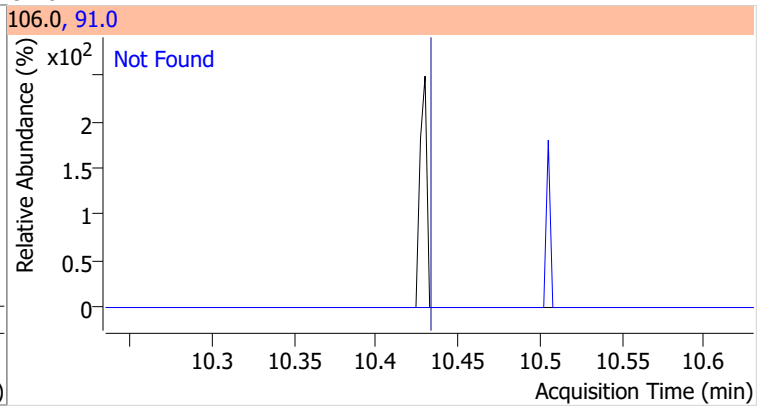
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



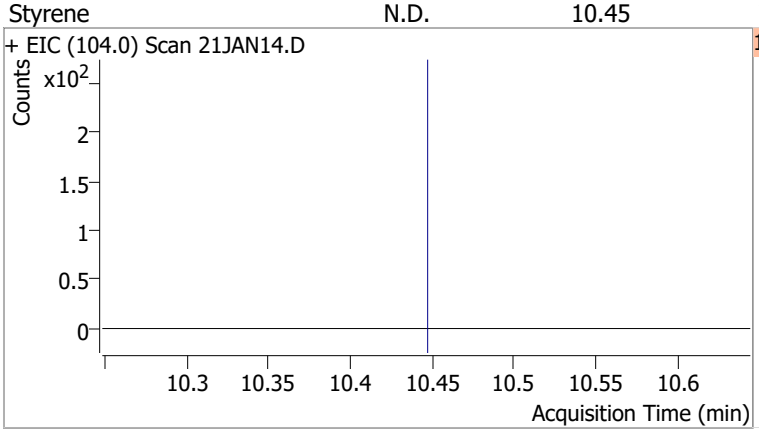


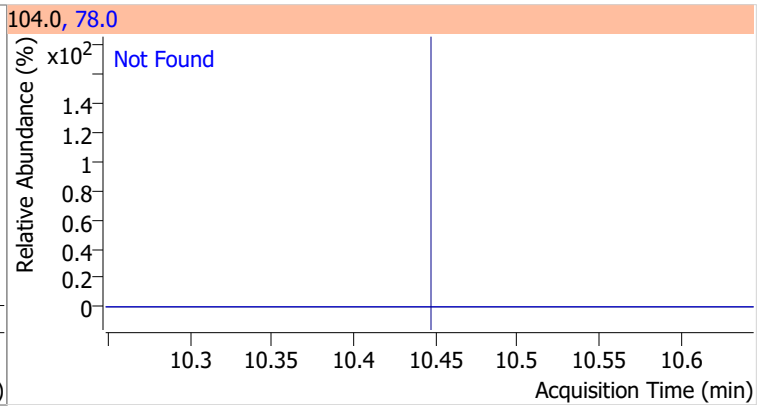
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



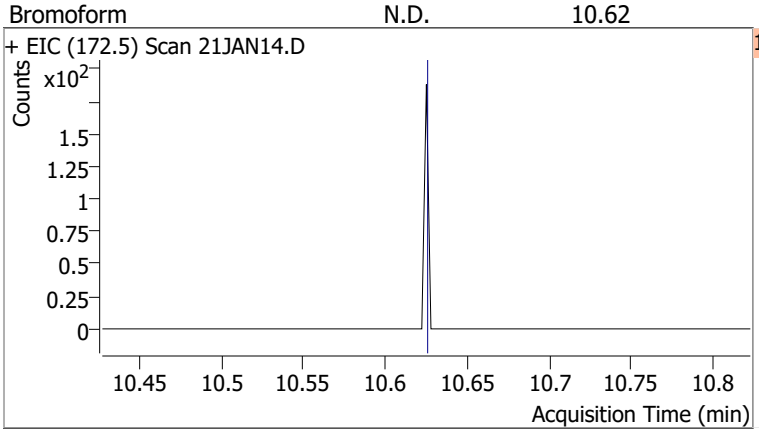


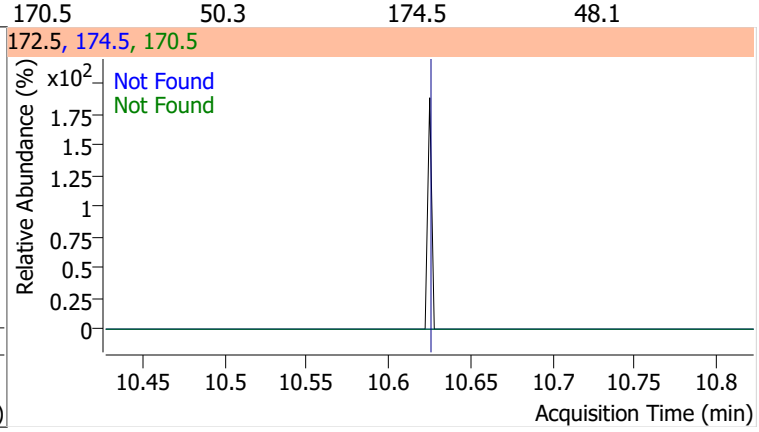
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



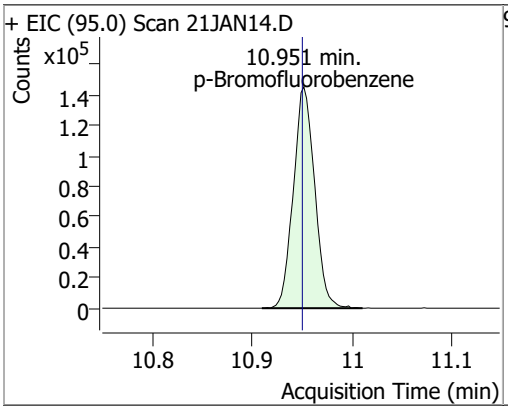


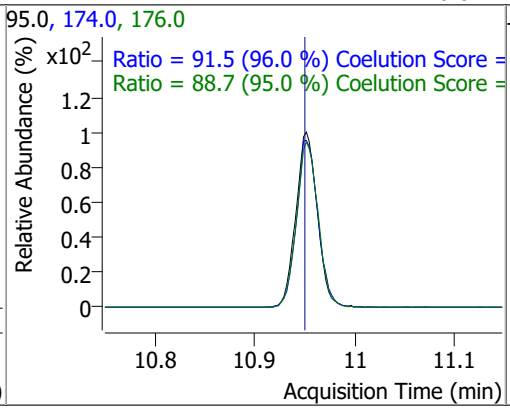
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

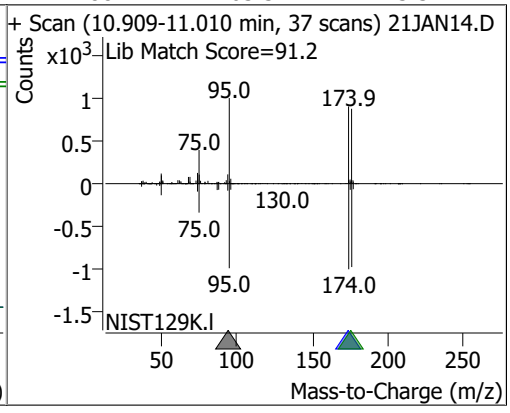




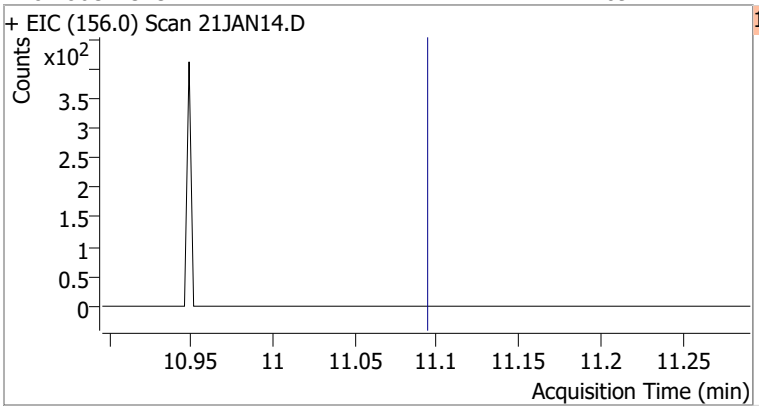
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	252.3494	10.95	0.00	214728	174.0	91.5	65.3	125.3
					176.0	88.7	63.3	123.3

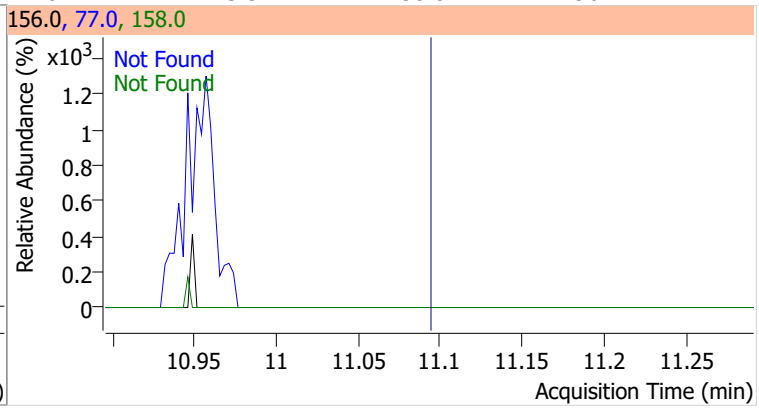




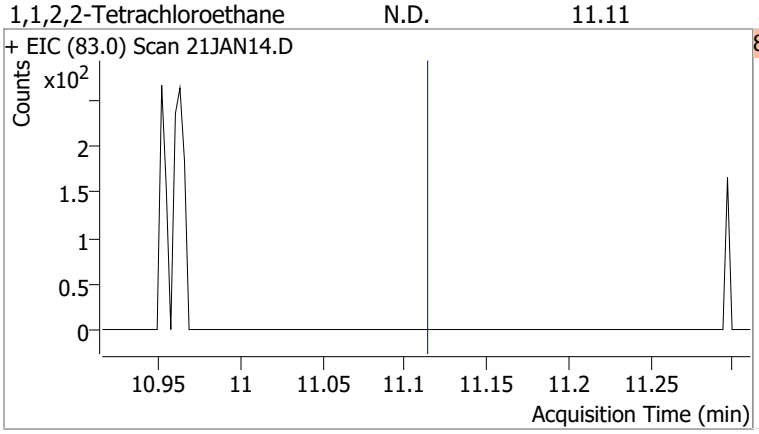


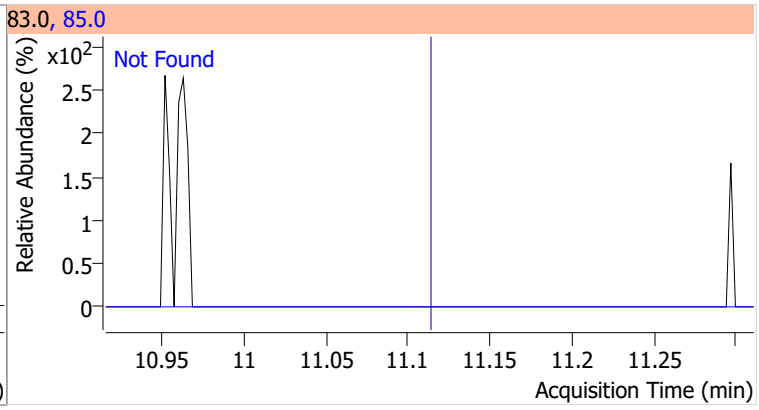
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



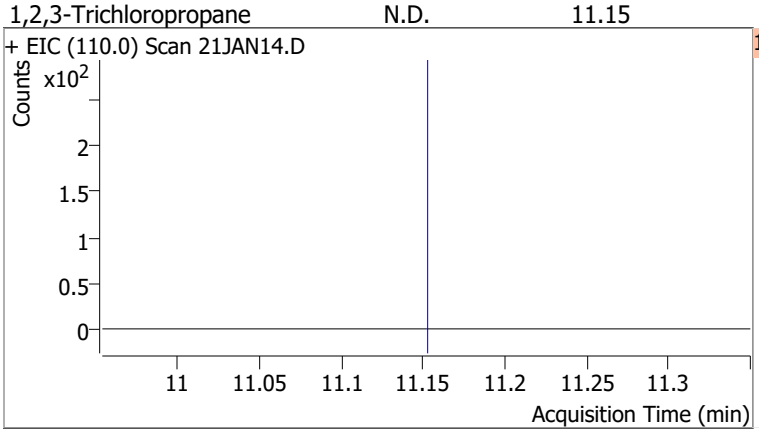


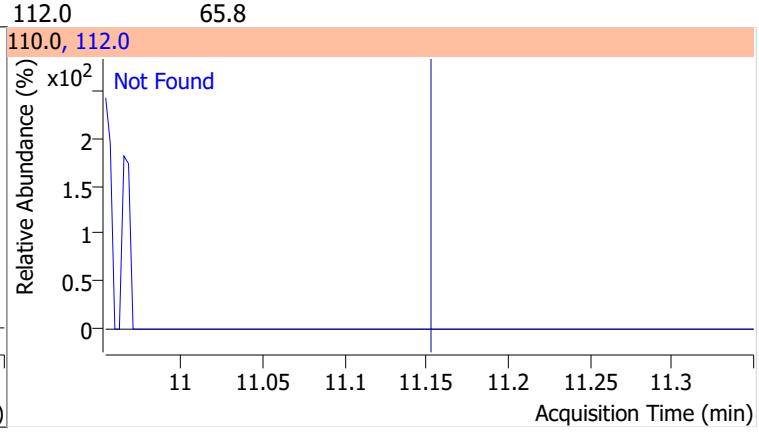
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



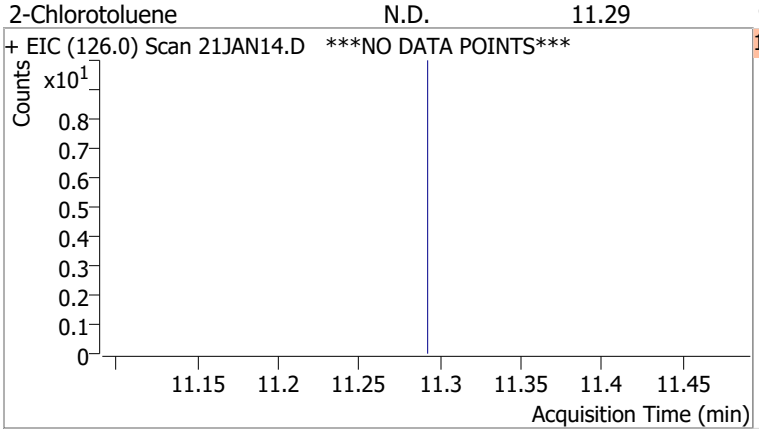


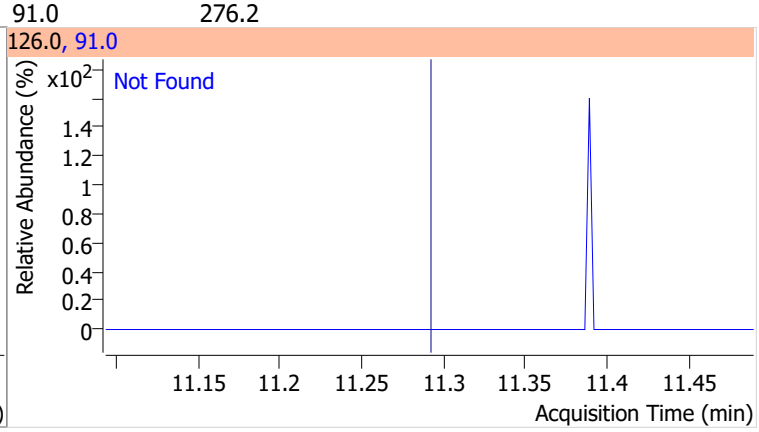
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



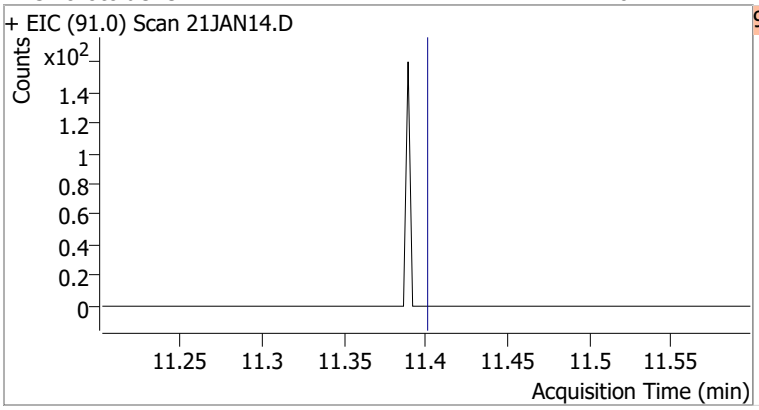


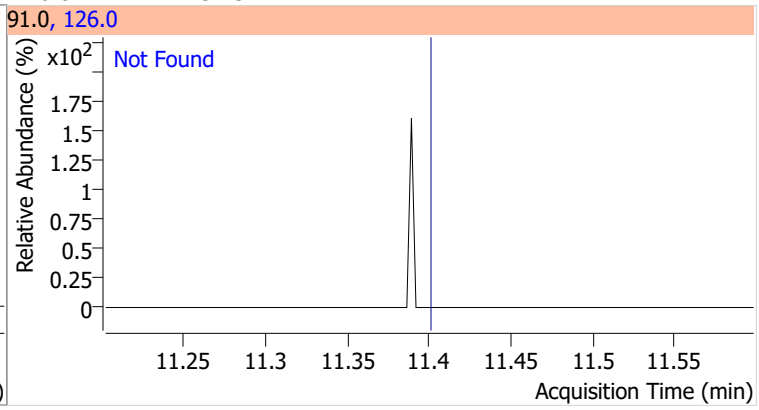
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



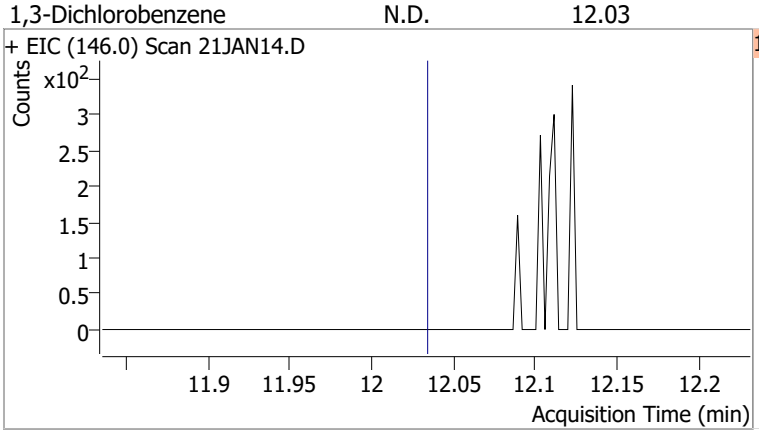


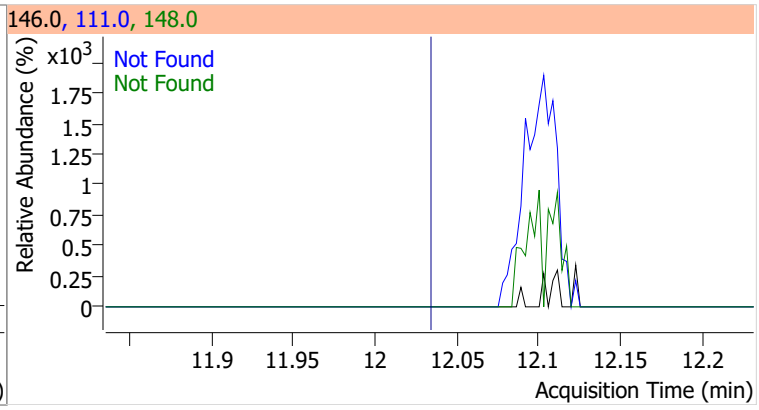
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



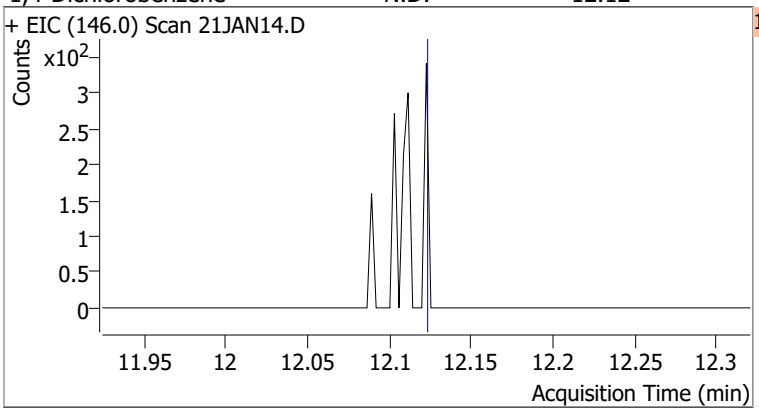


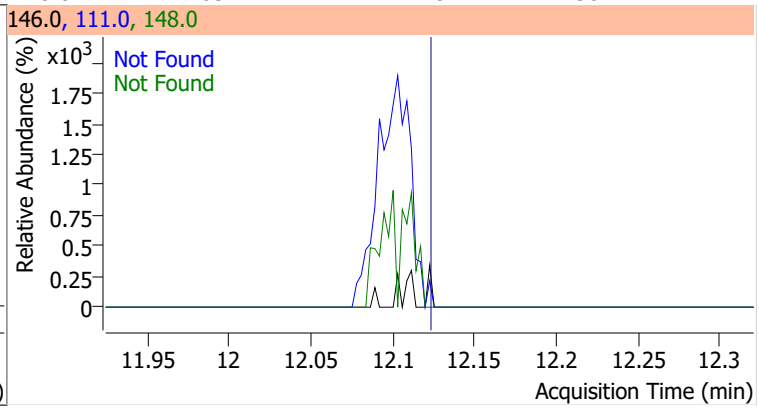
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



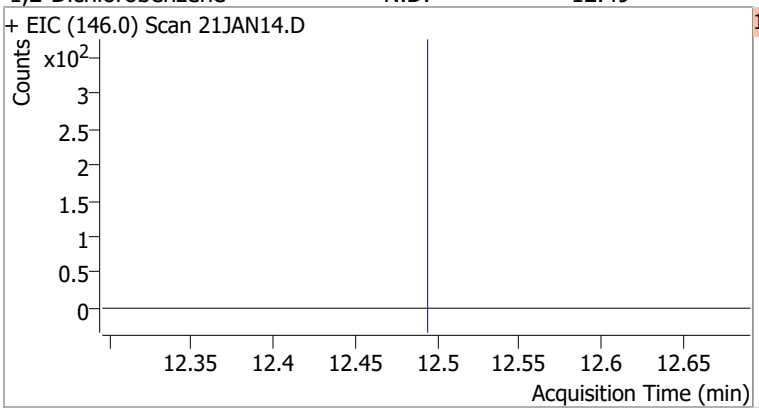


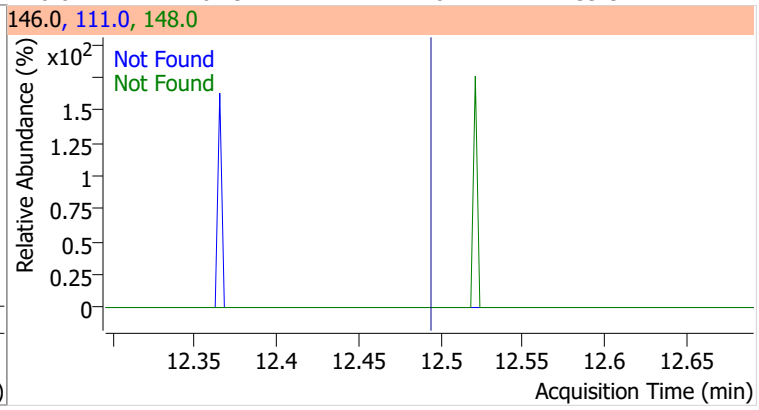
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





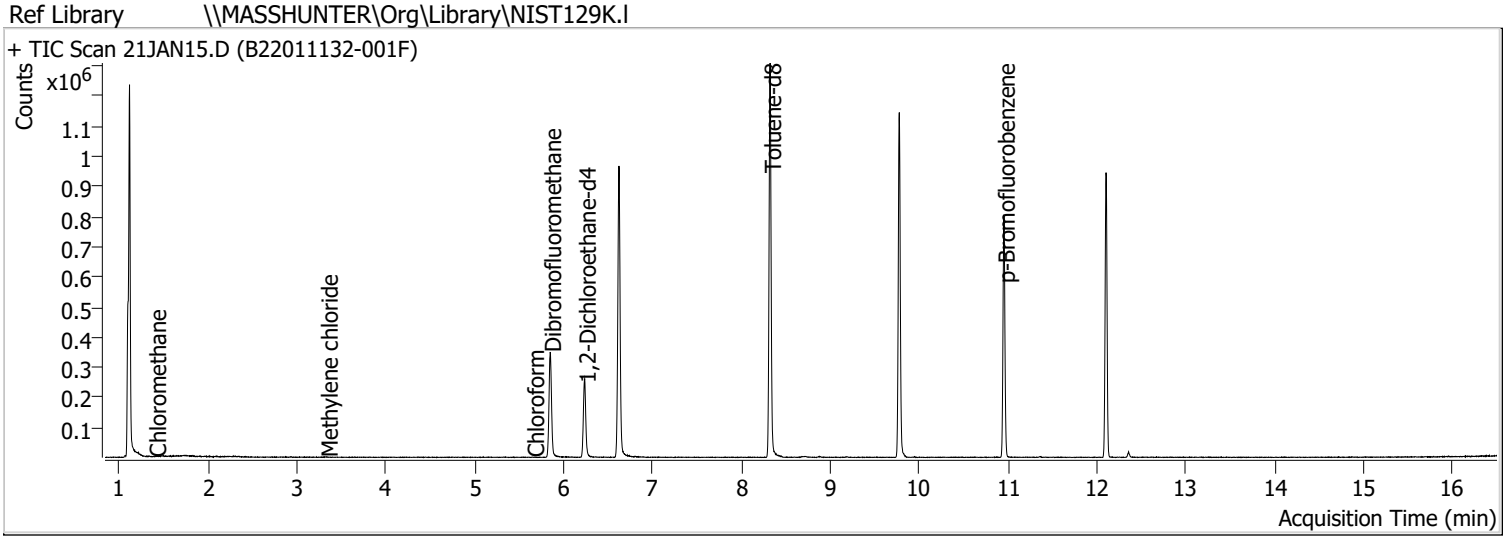
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN15.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 4:09:28 PM
Sample Name	B22011132-001F	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

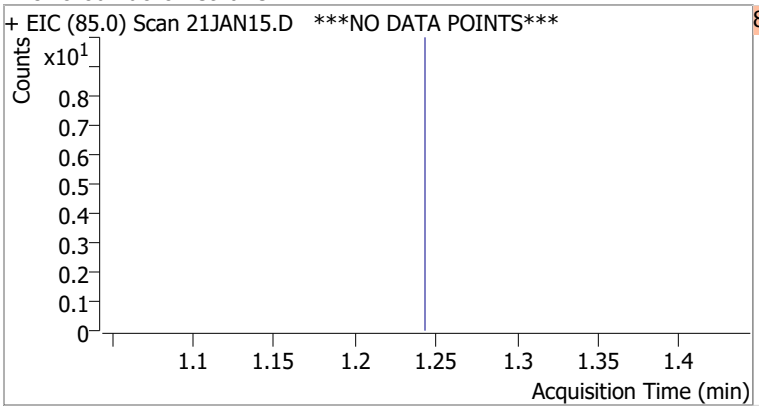


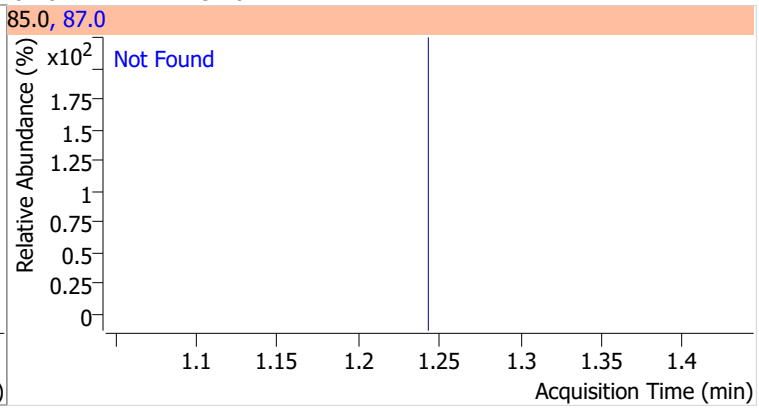
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	798614	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	312057	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	232708	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	207300	267.9945	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.20%			
S 1,2-Dichloroethane-d4	6.238	67.0	92003	275.3413	ng		0.008
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 110.14%			
S Toluene-d8	8.321	98.0	793801	260.7400	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.30%			
S p-Bromofluorobenzene	10.951	95.0	225115	262.0017	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.80%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.406	50.0	704	0.5569	ng	m	93
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	649	0.5557	ng	m	80
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.656	83.0	307	0.1983	ng	m	88

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	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.			

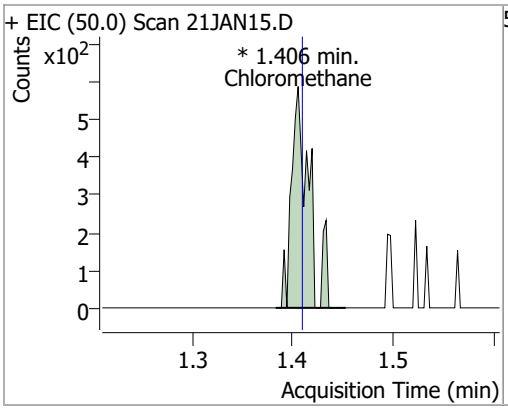
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

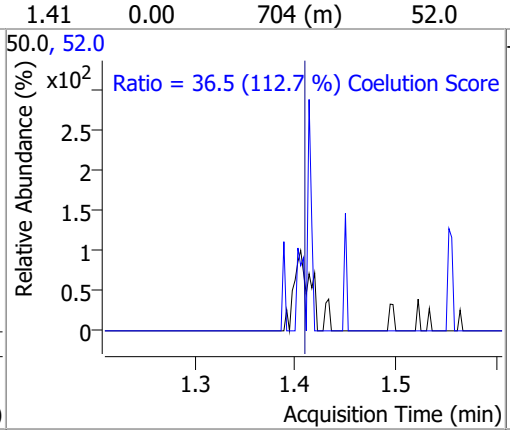
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

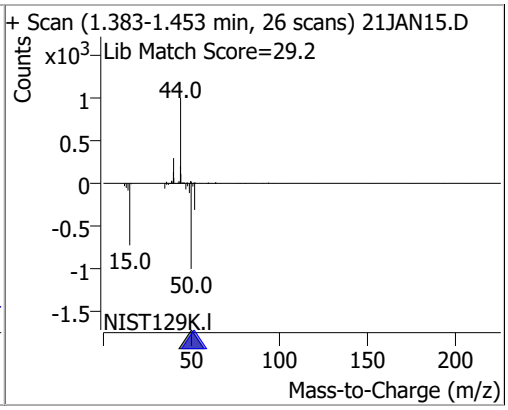




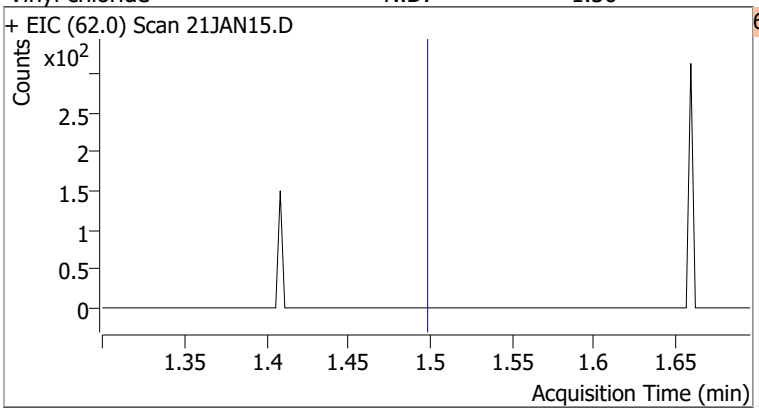
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.5569	1.41	0.00	704 (m)	52.0	36.5	2.4	62.4

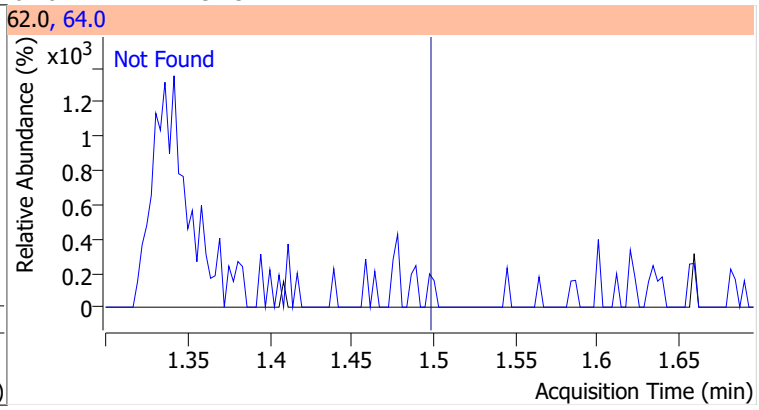




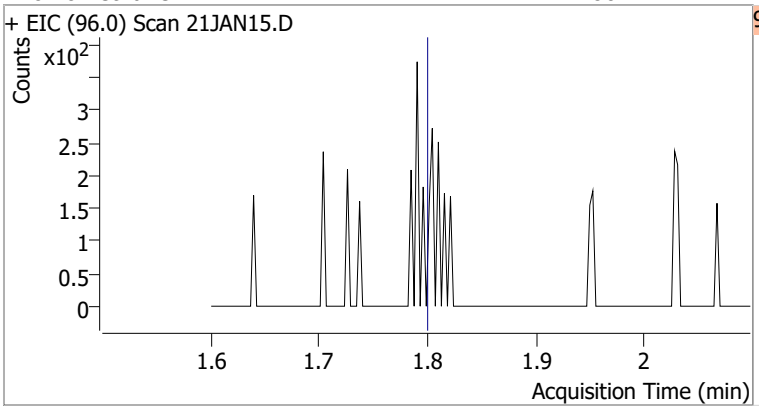


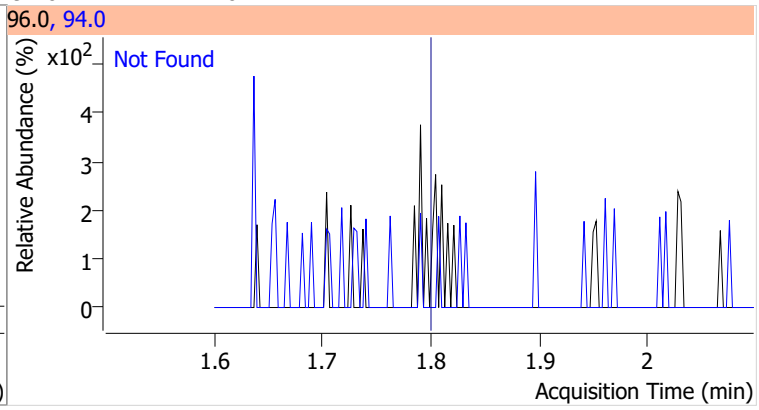
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



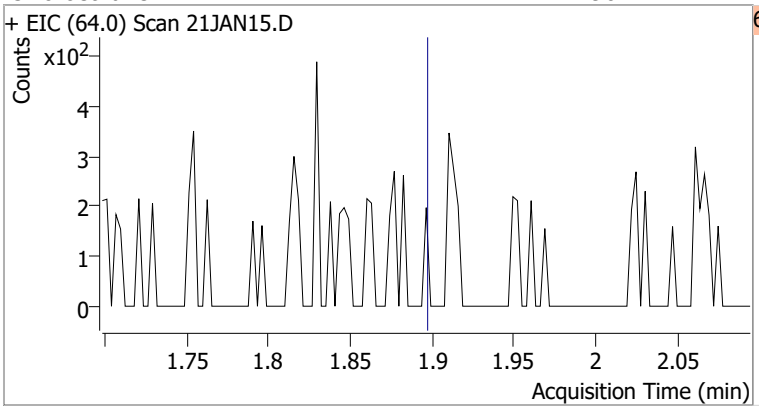


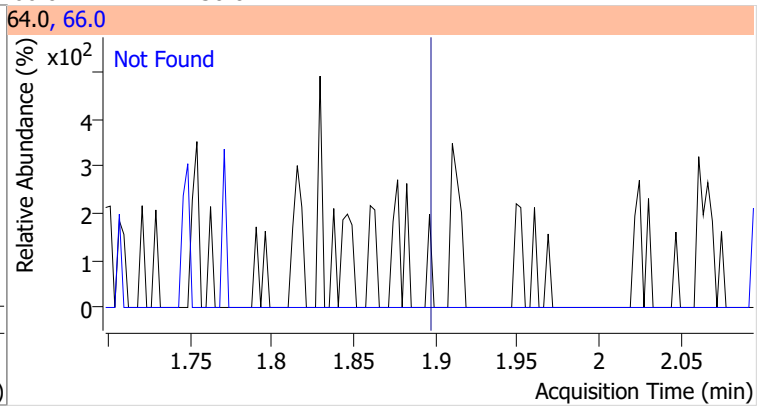
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



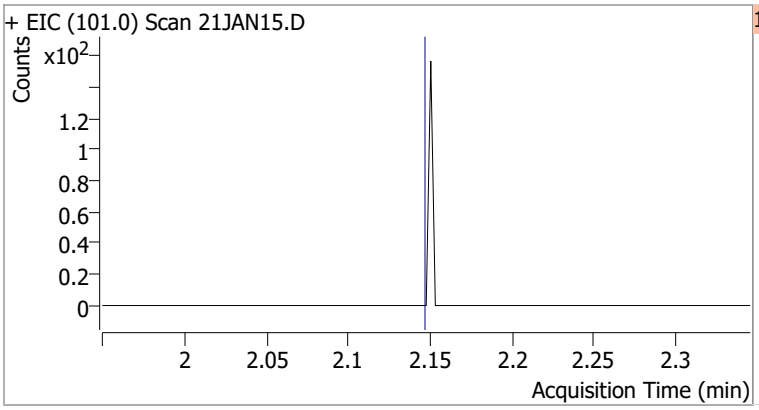


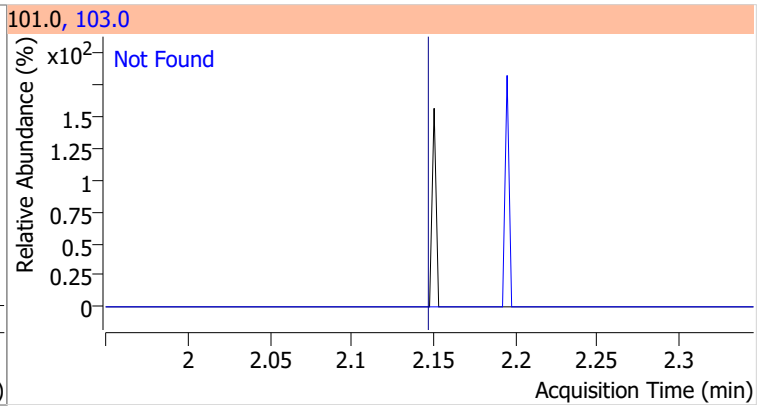
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



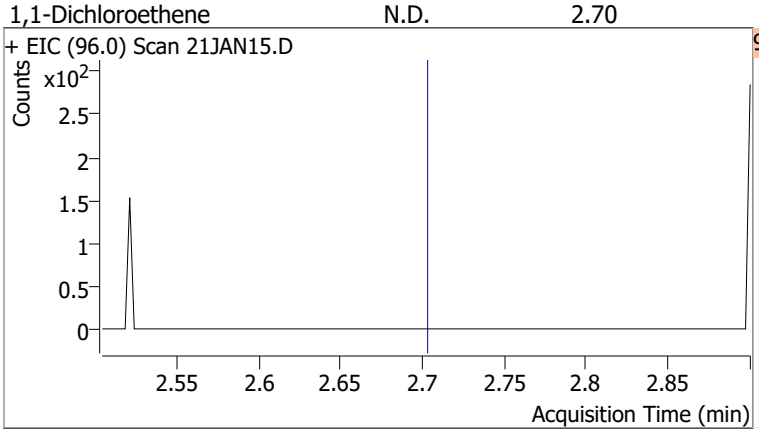


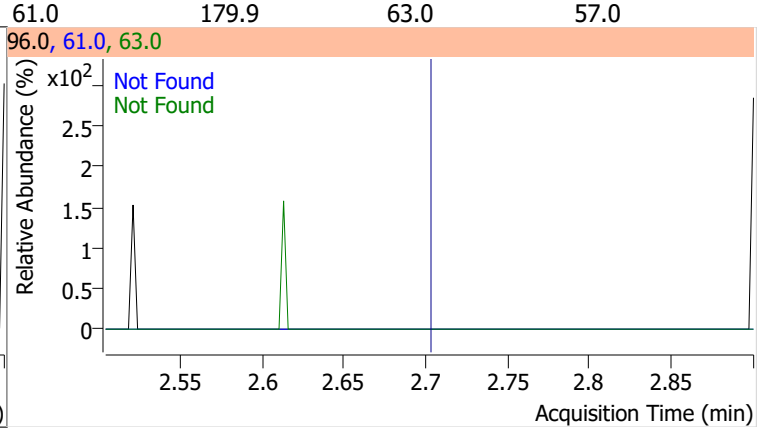
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



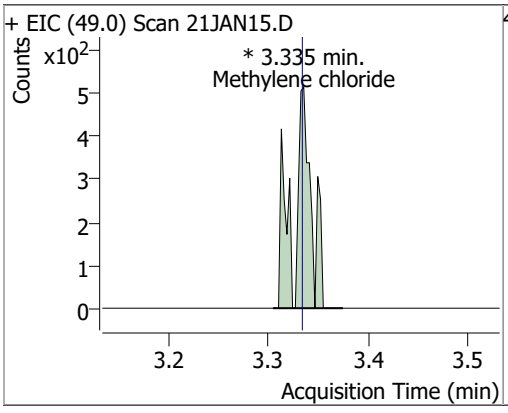


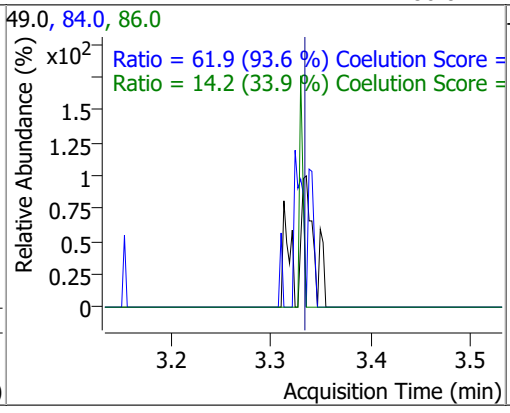
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

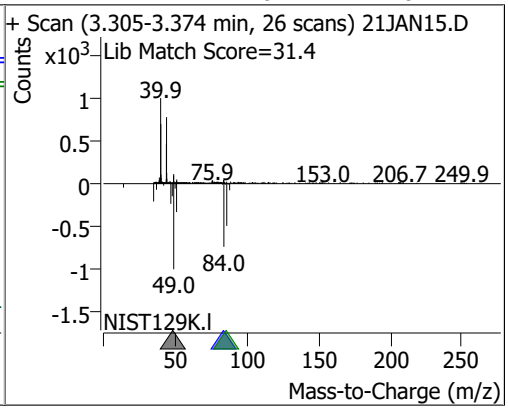




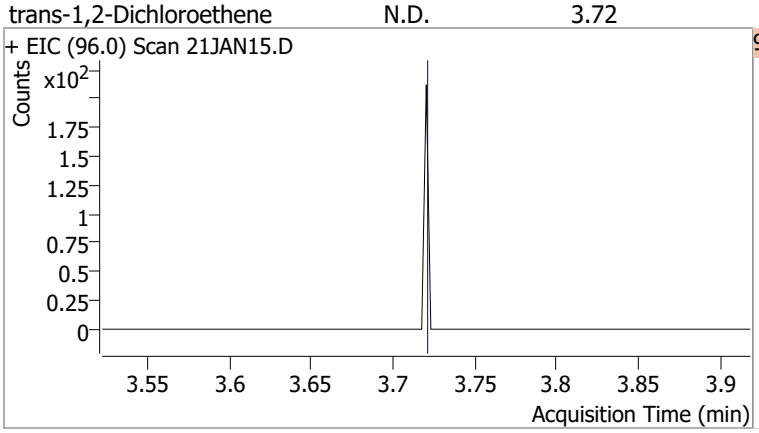
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.5557	3.34	0.00	649 (m)	84.0	61.9	36.1	96.1
					86.0	14.2	11.8	71.8

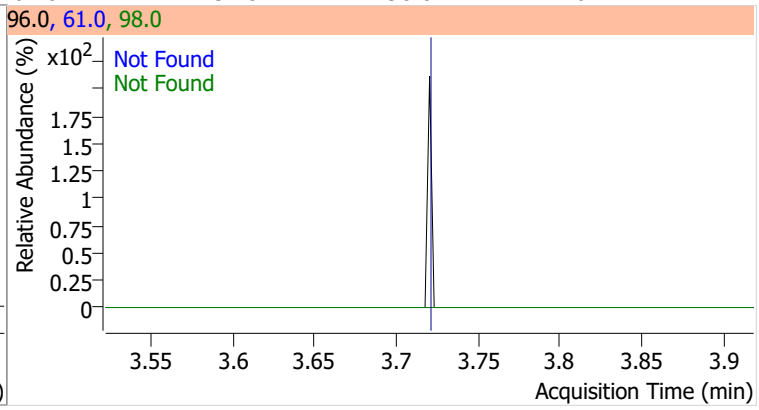




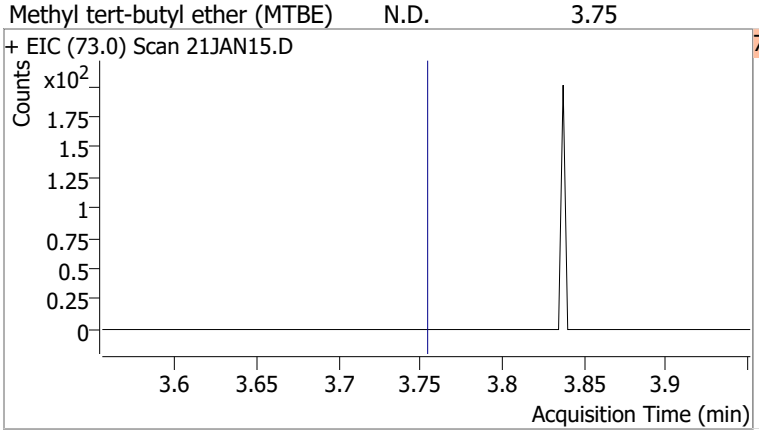


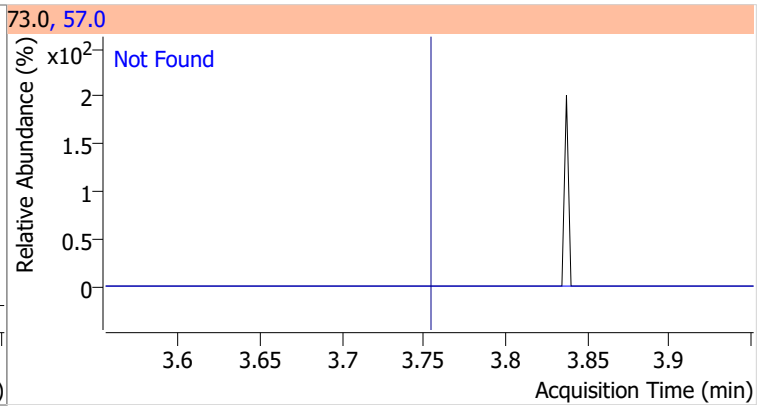
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



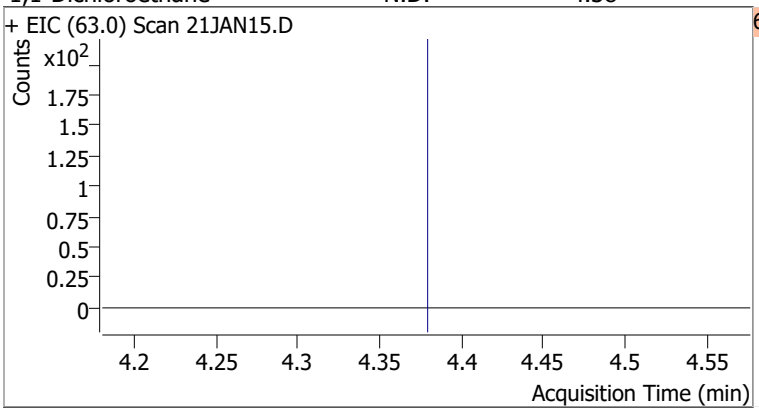


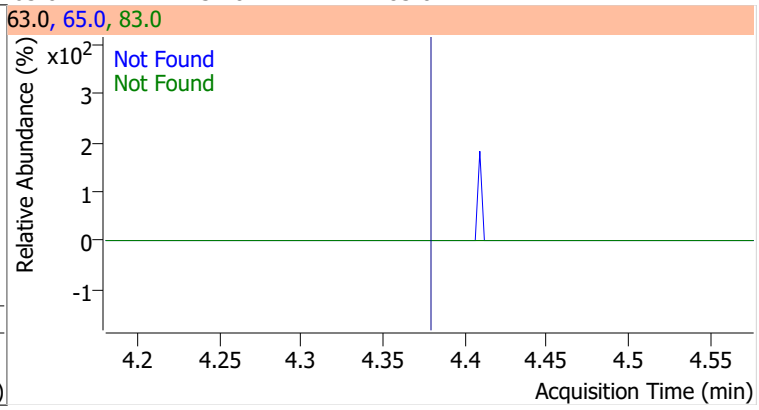
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



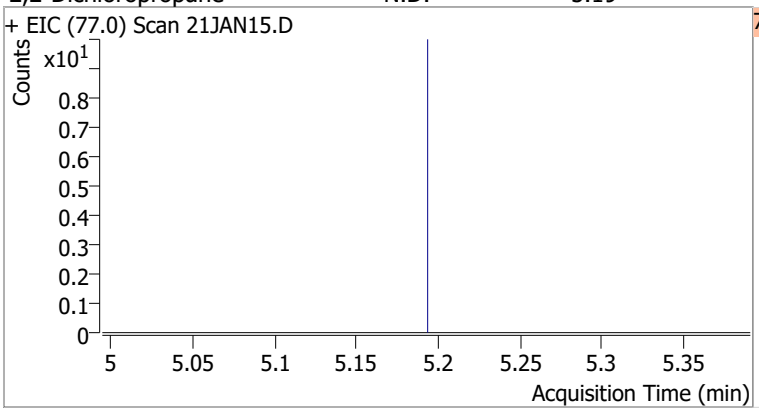


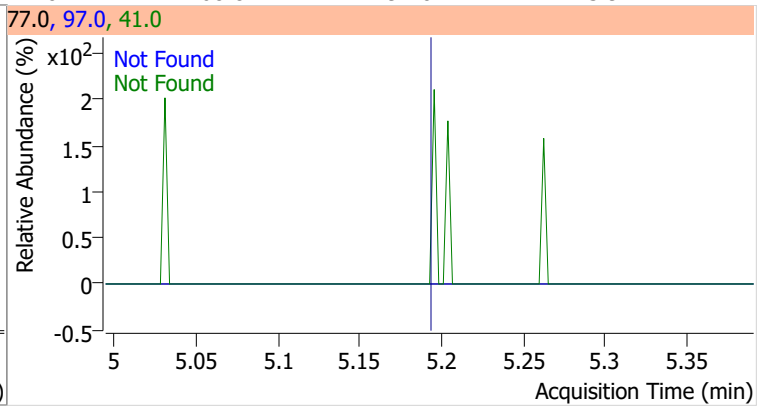
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



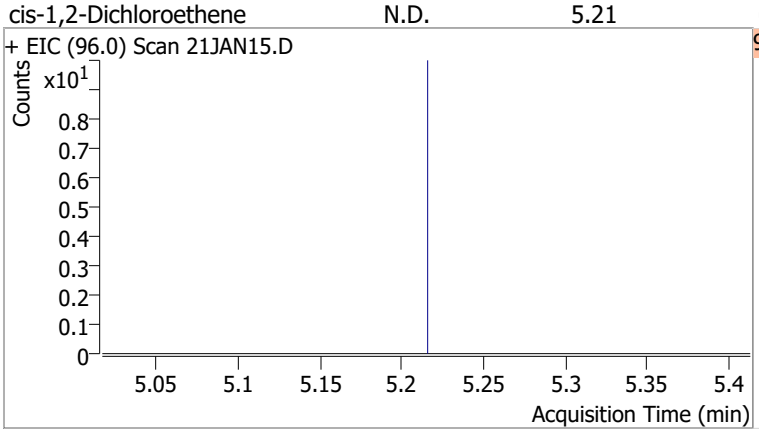


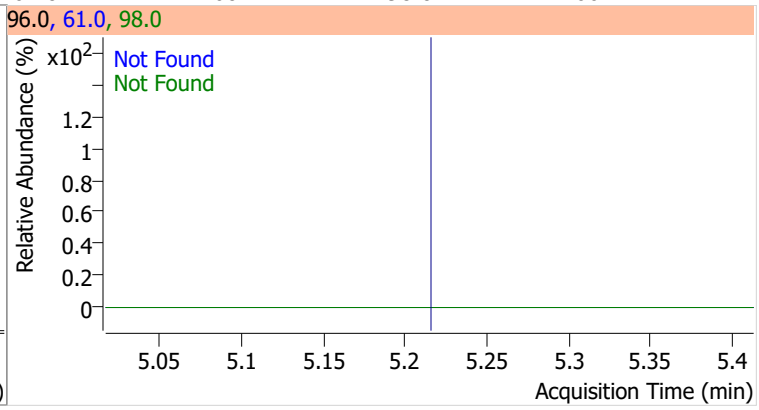
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



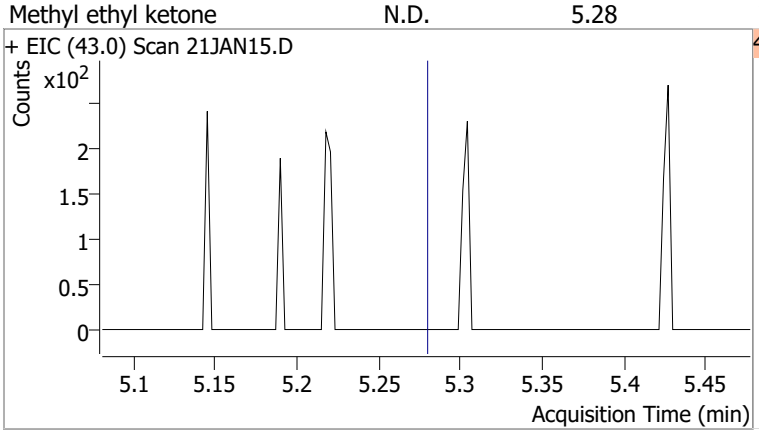


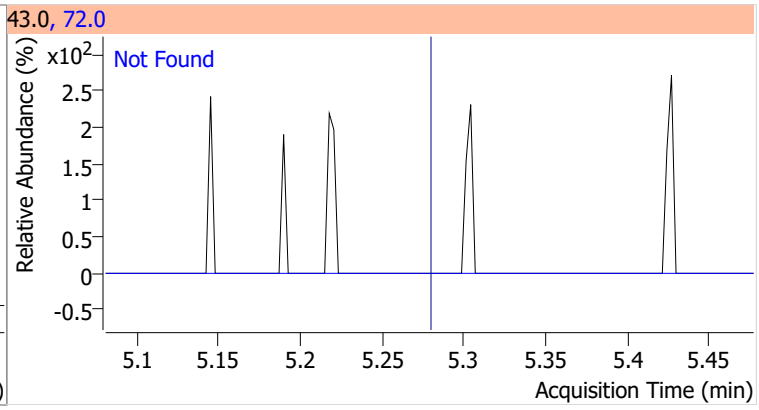
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



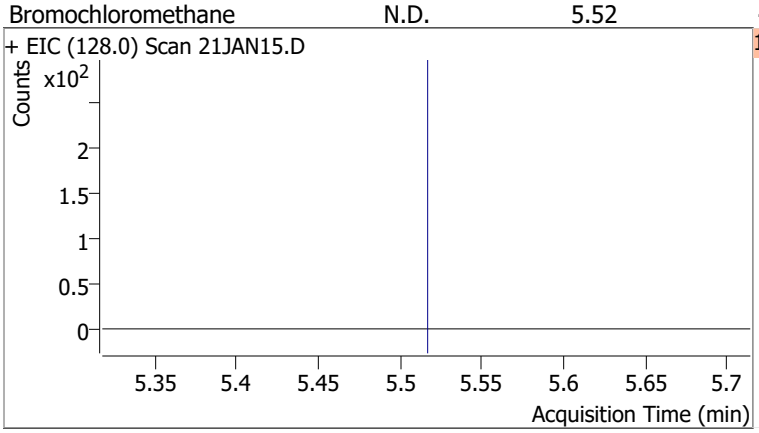


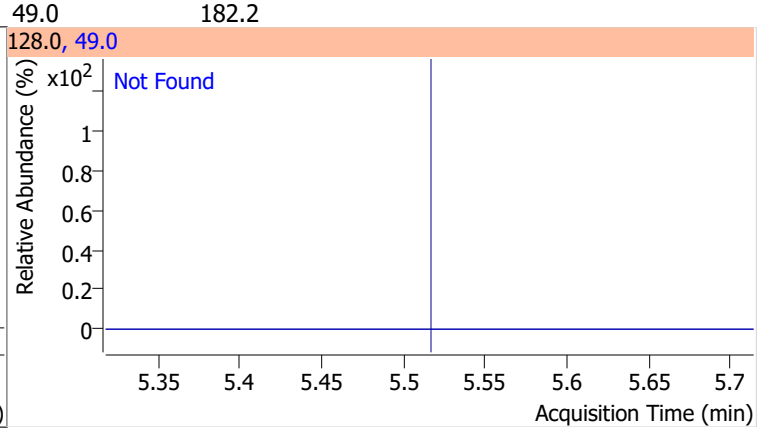
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



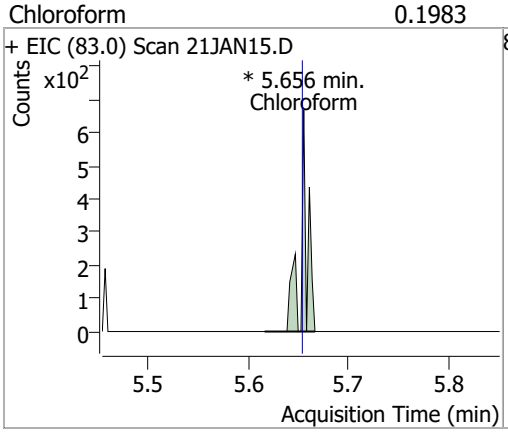


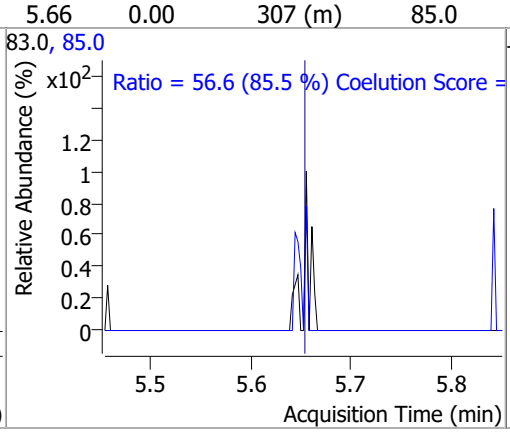
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

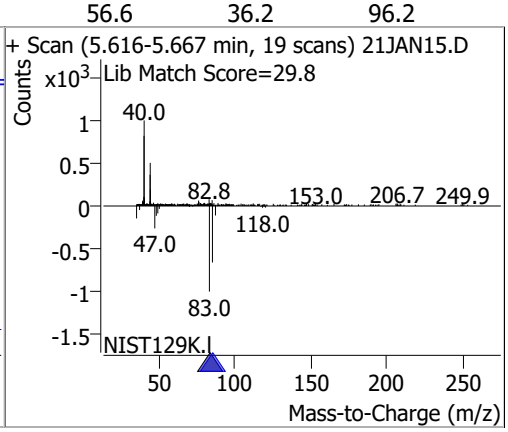




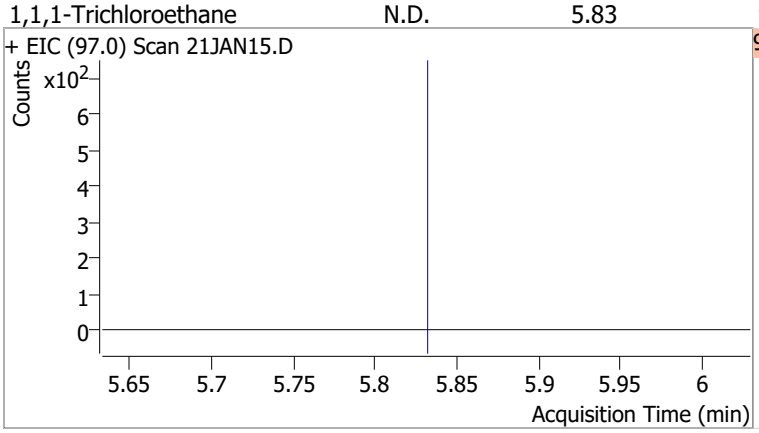
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.1983	5.66	0.00	307 (m)	85.0	56.6	36.2	96.2

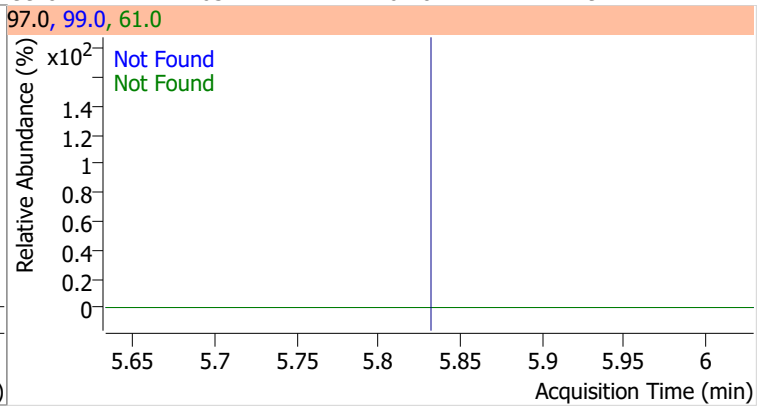




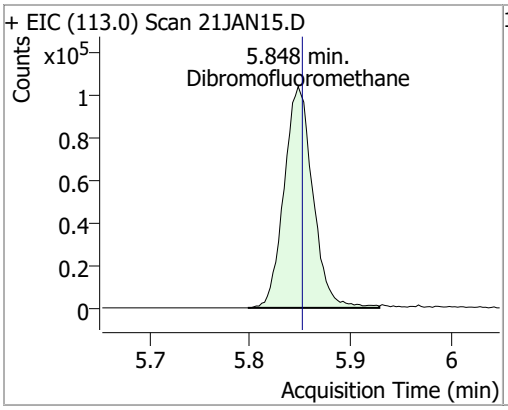


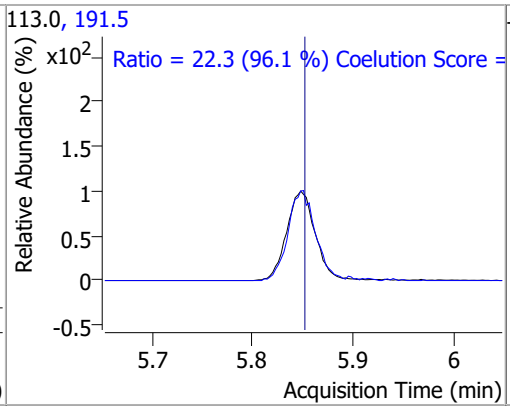
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

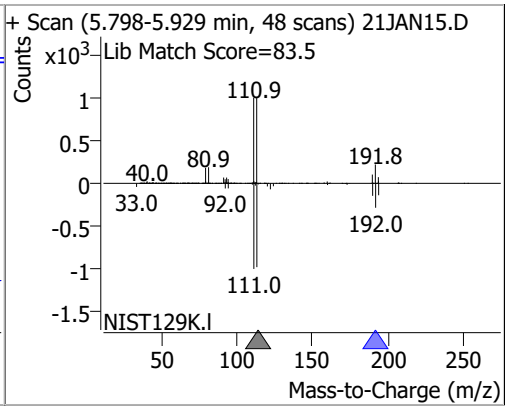




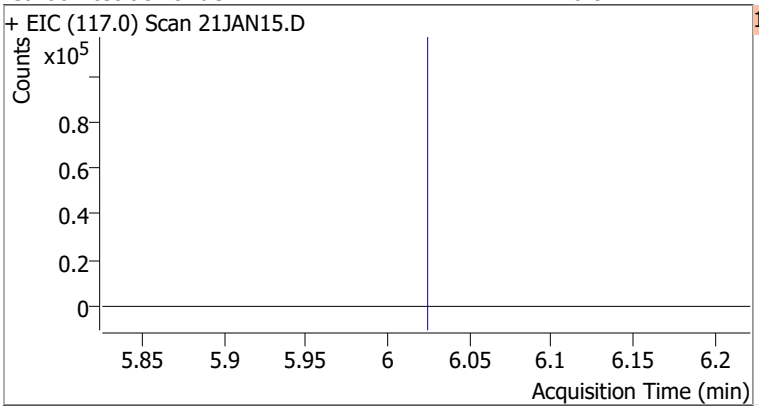
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	267.9945	5.85	0.00	207300	191.5	22.3	0.0	53.2

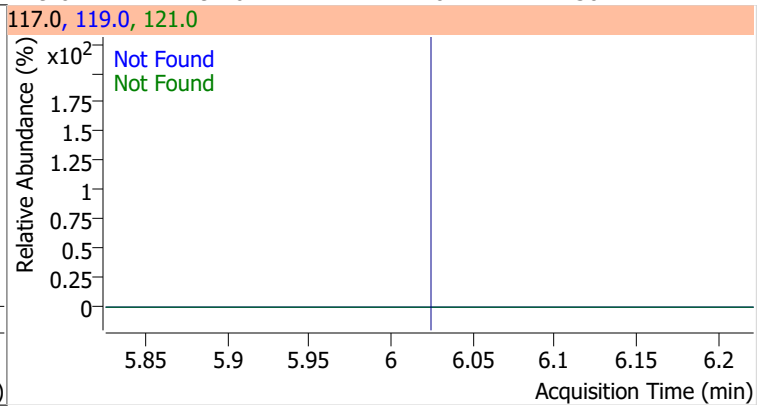




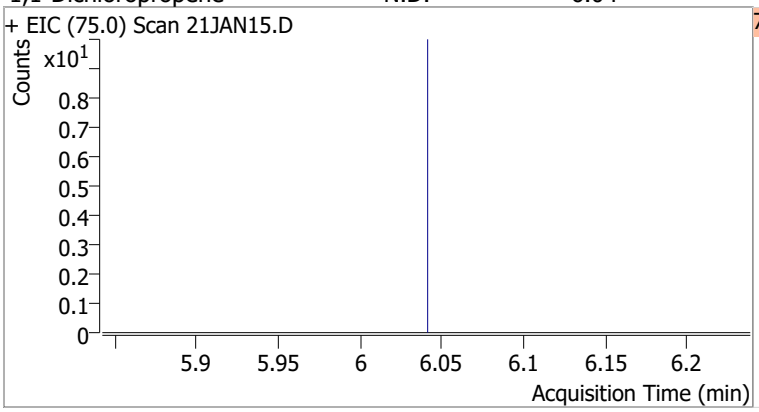


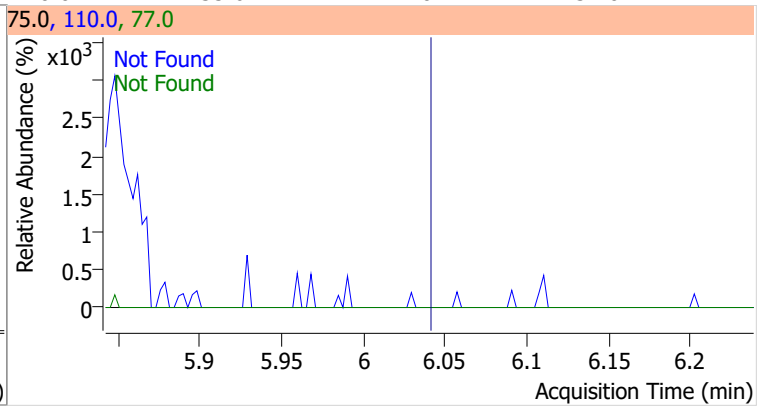
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



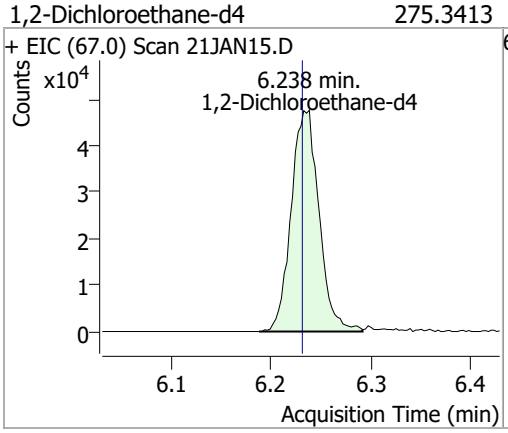


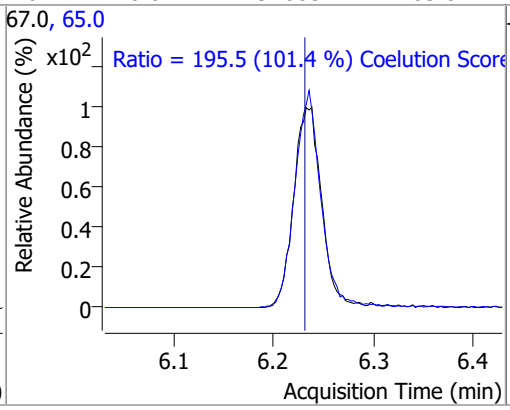
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

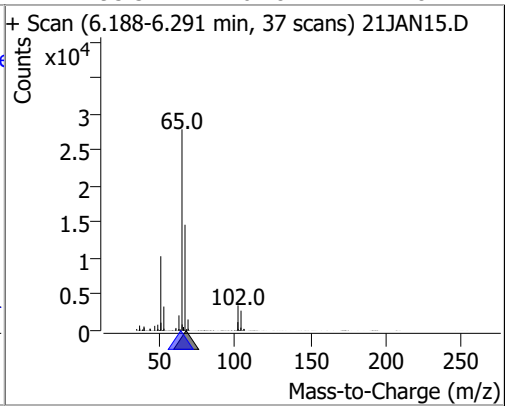




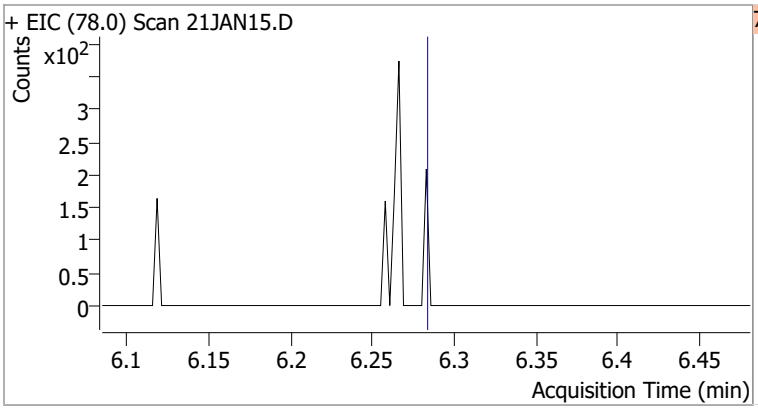
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	275.3413	6.24	0.01	92003	65.0	195.5	162.8	222.8

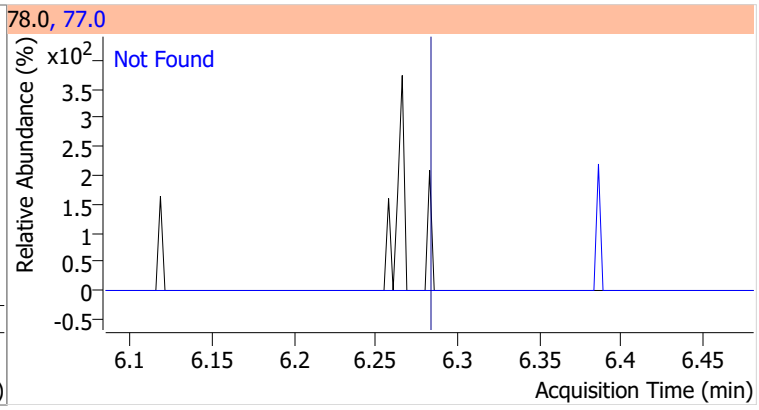




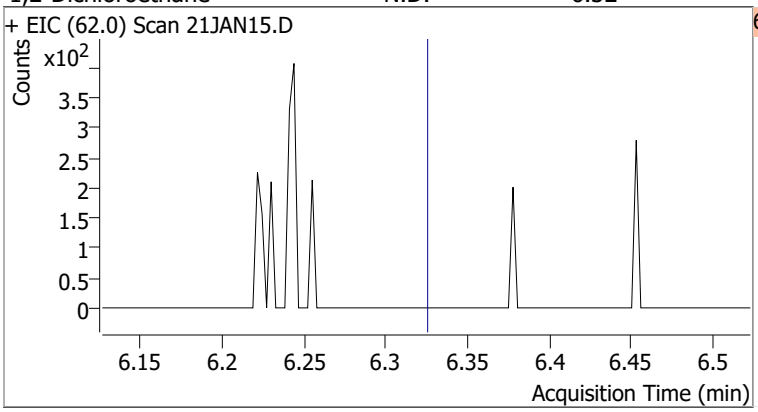


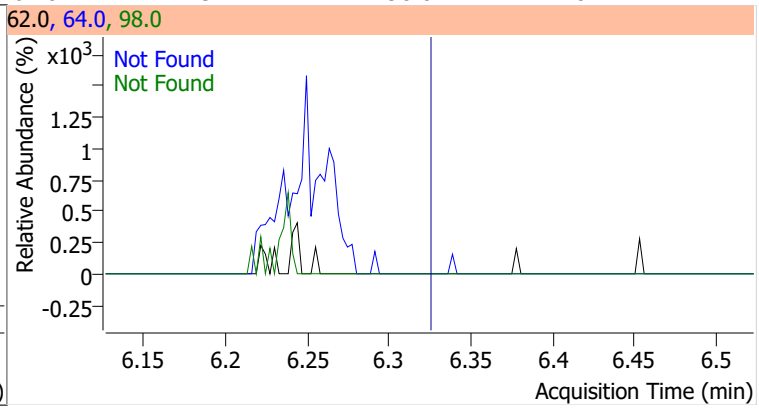
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



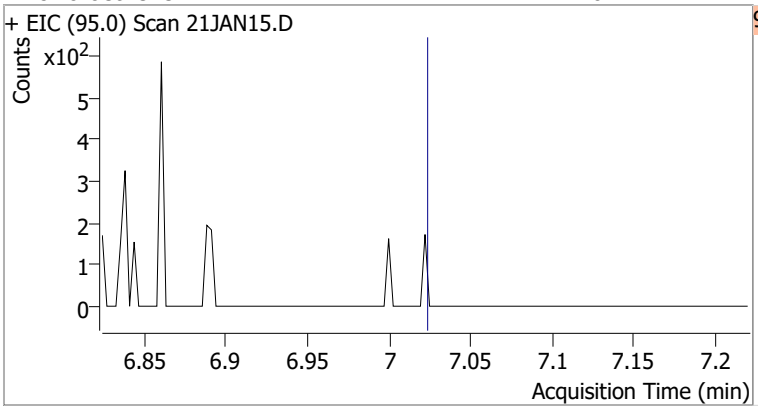


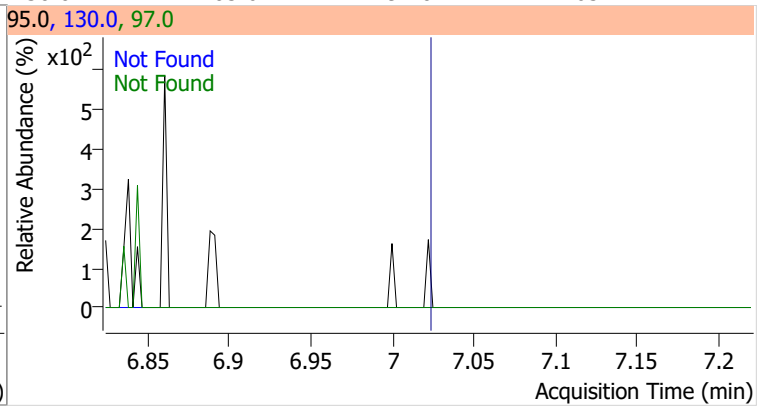
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



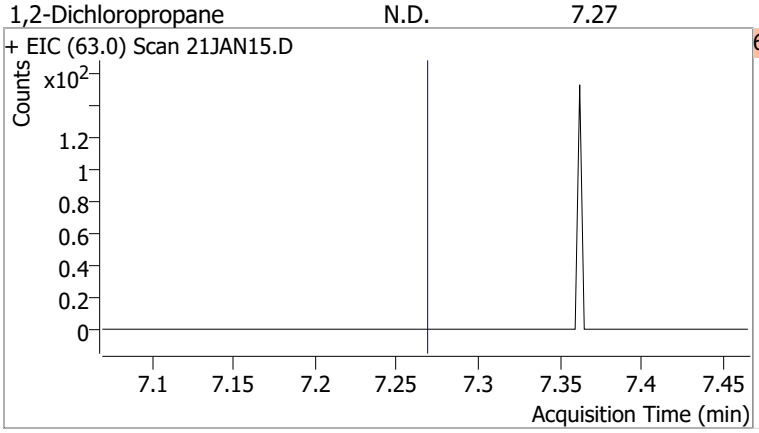


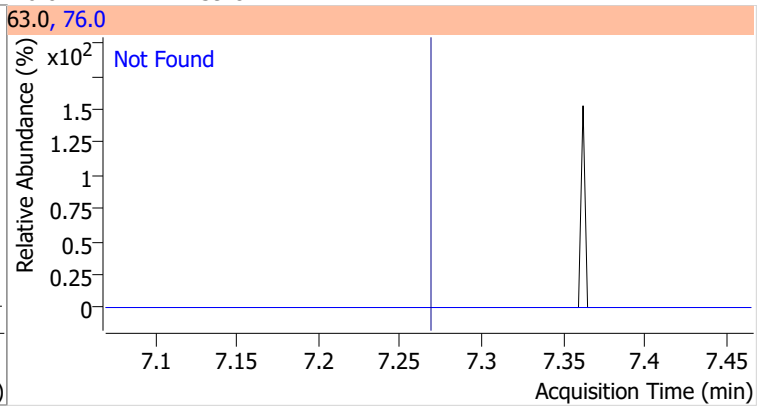
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



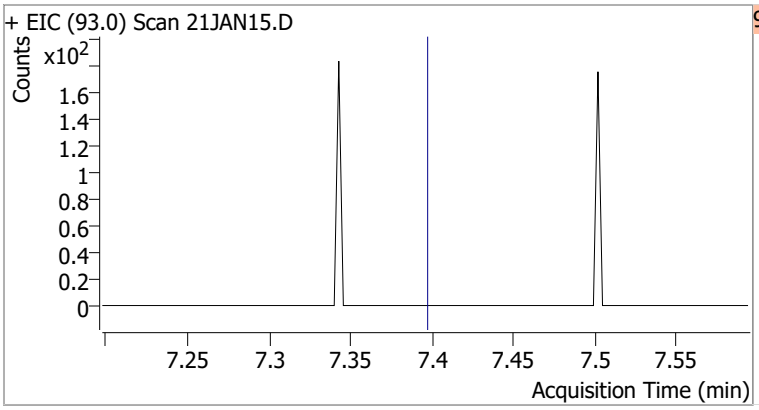


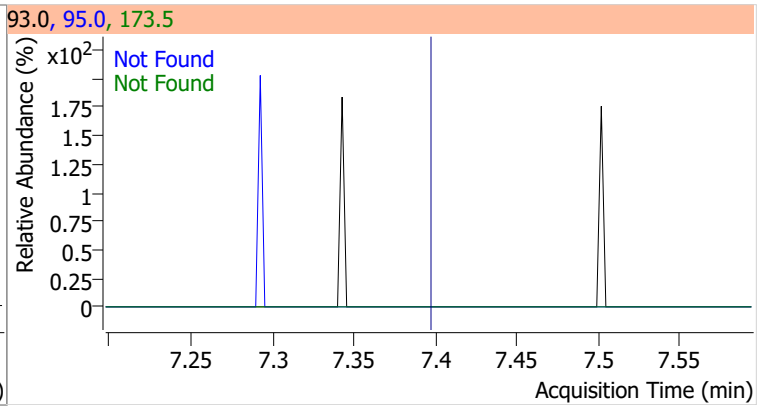
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



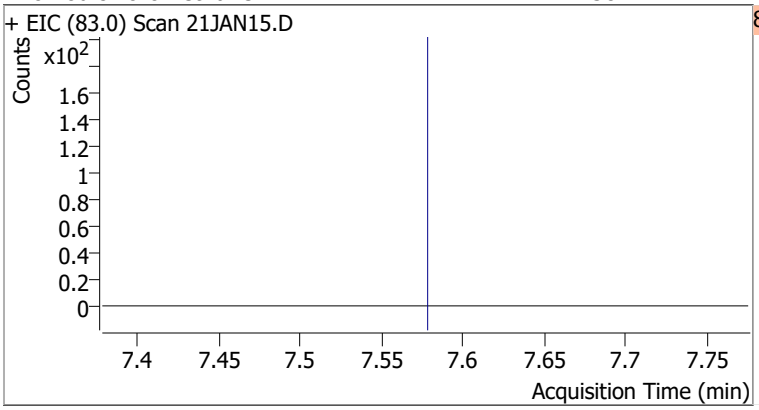


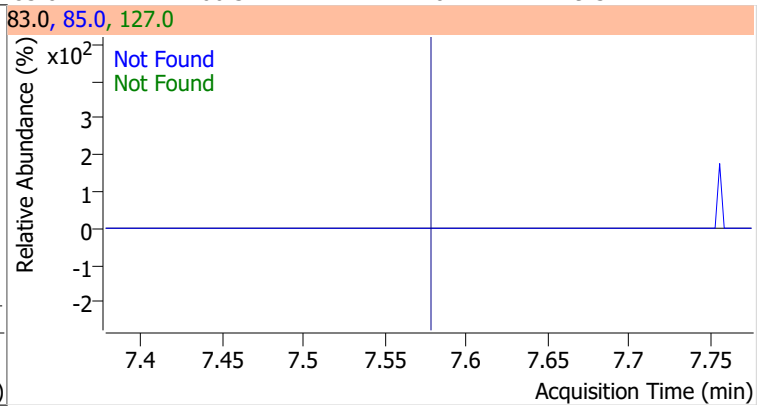
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



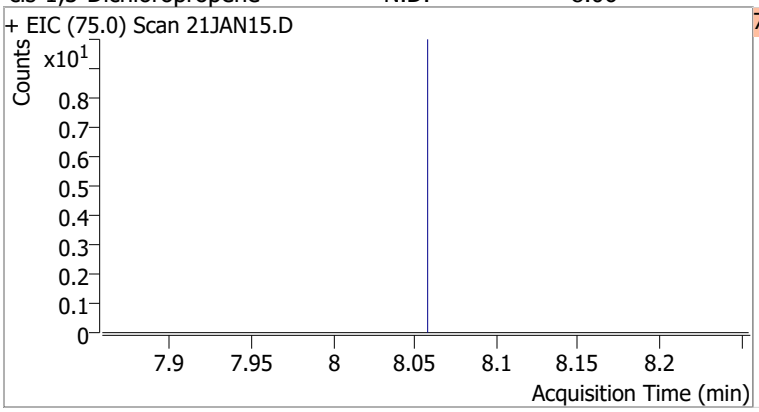


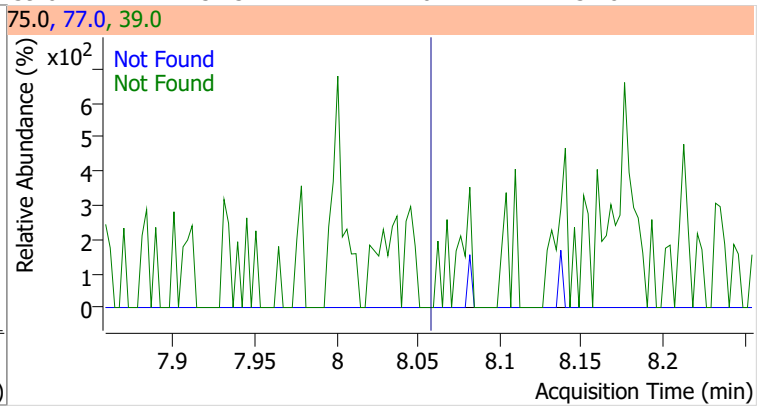
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



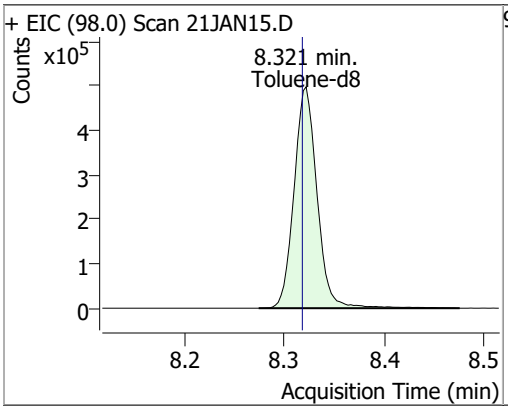


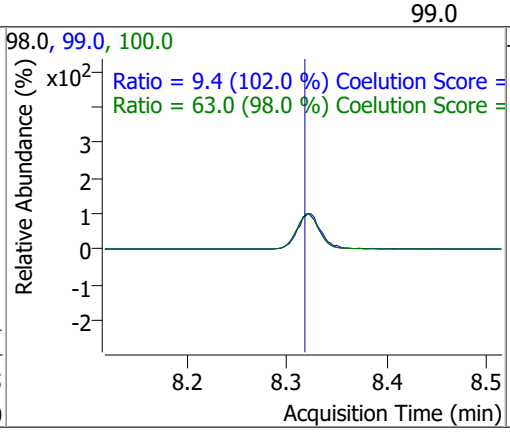
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

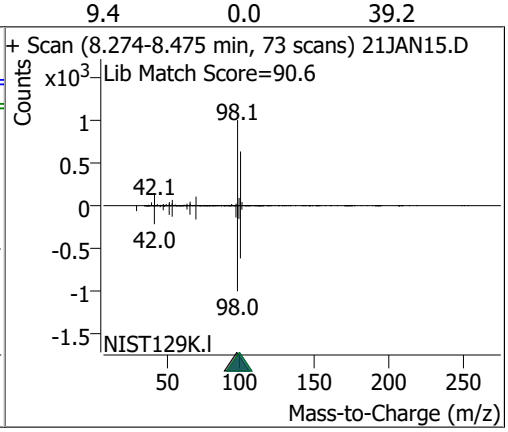




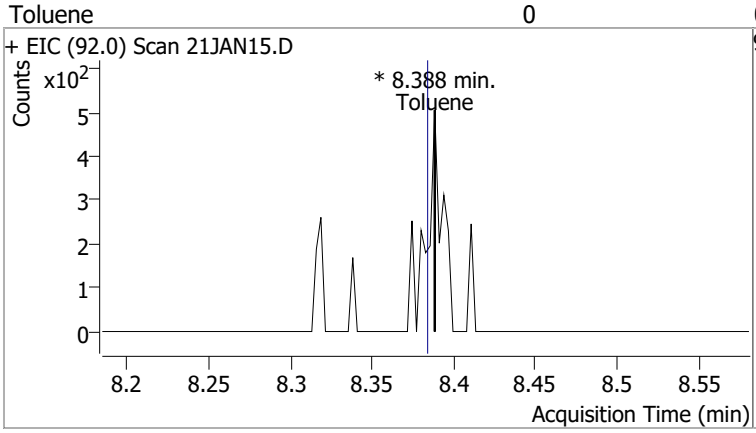
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	260.7400	8.32	0.00	793801	100.0	63.0	34.3	94.3
					99.0	9.4	0.0	39.2

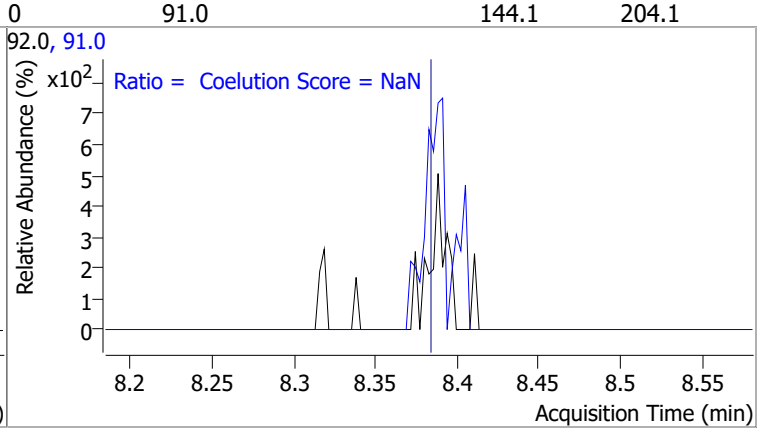




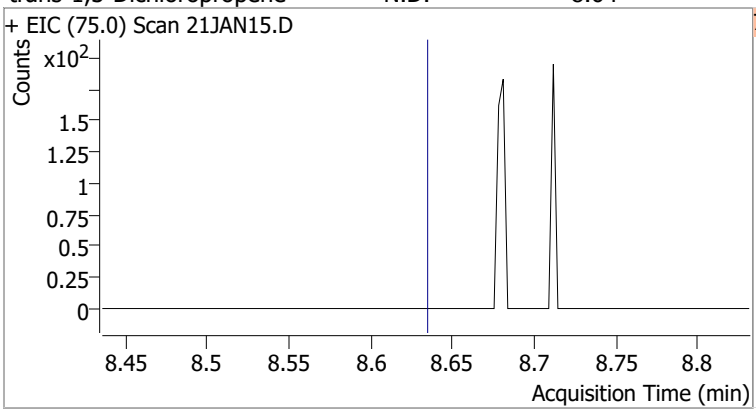


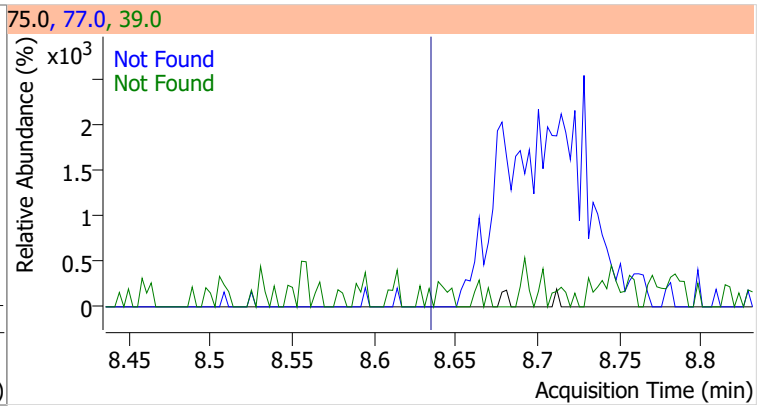
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene		0		0	91.0		144.1	204.1



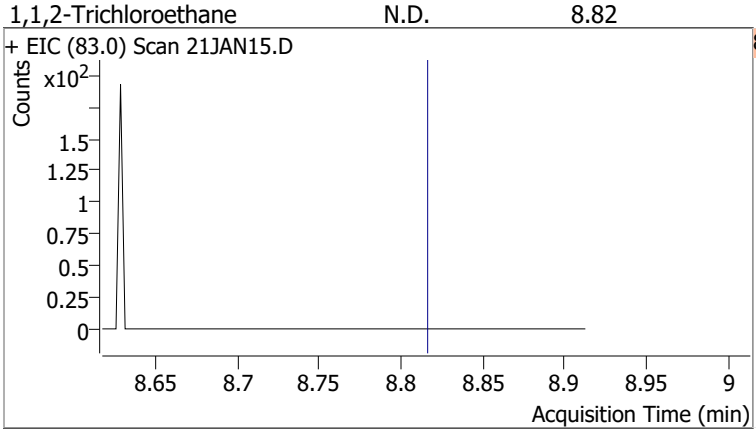


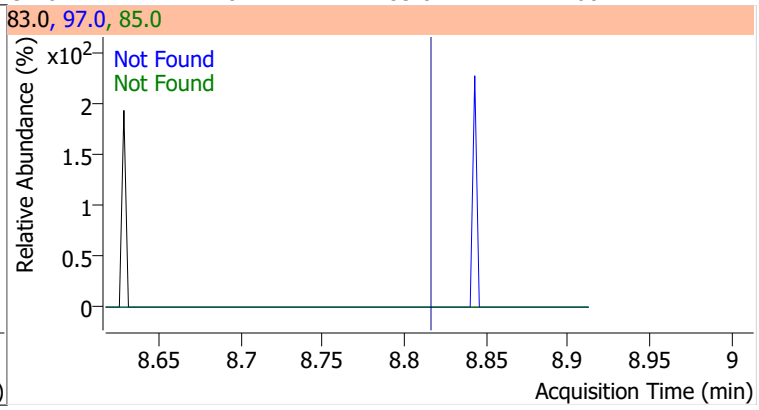
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



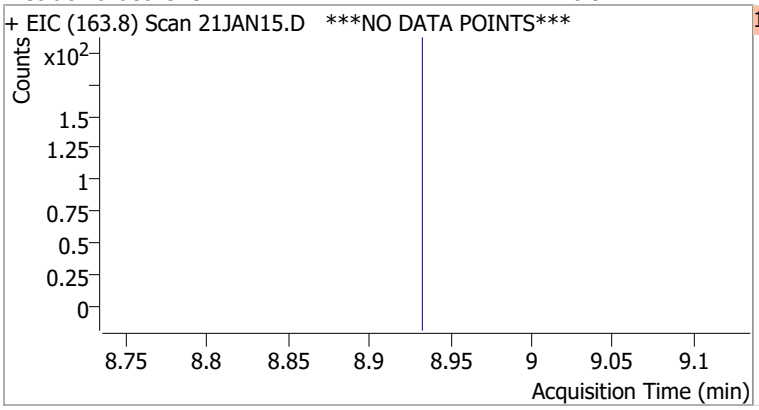


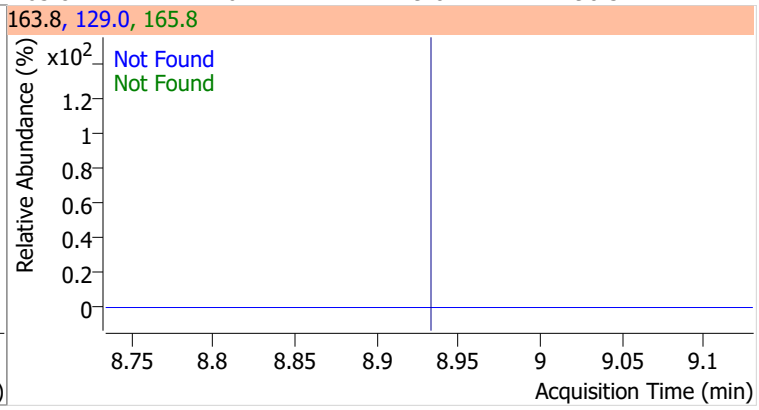
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



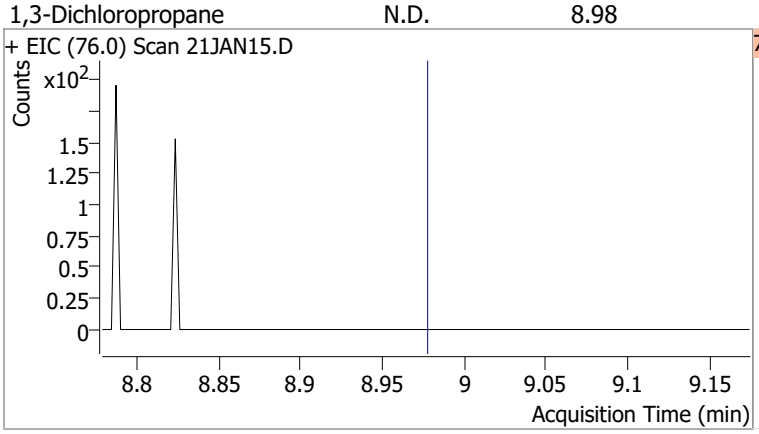


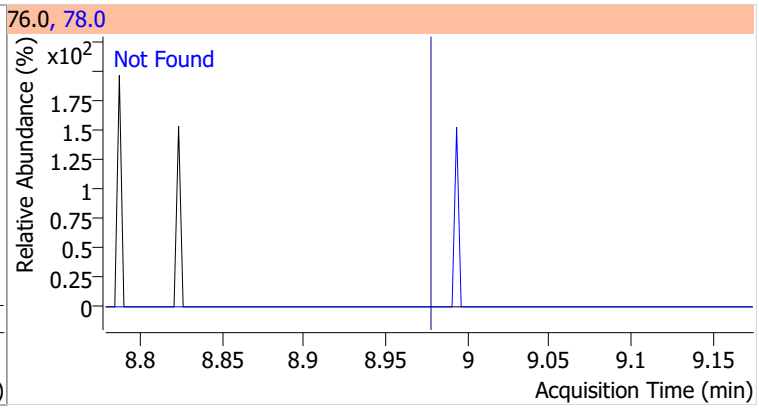
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



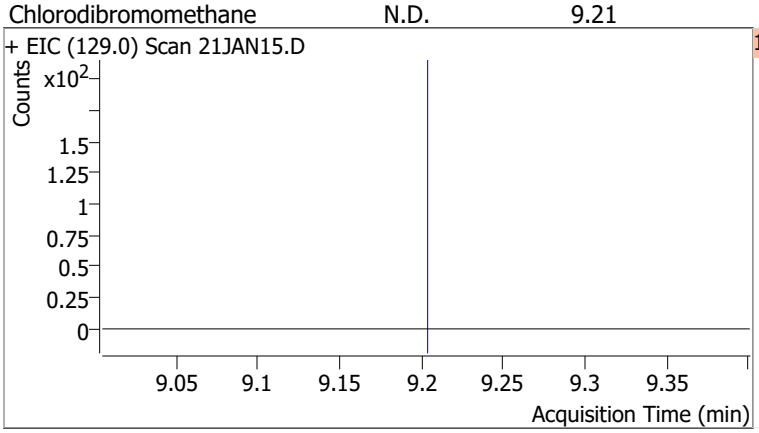


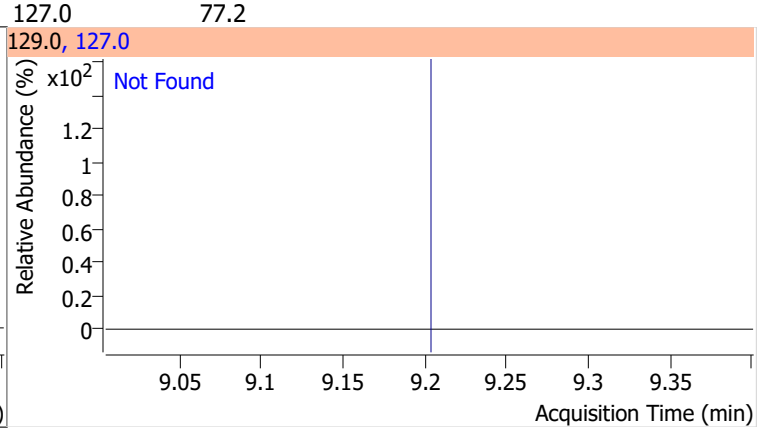
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



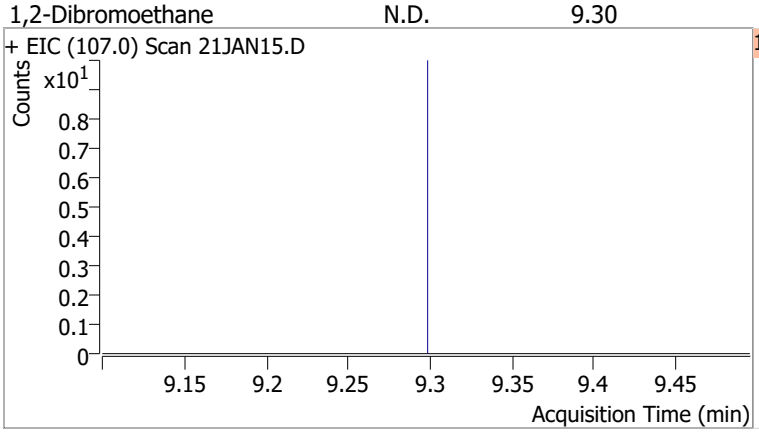


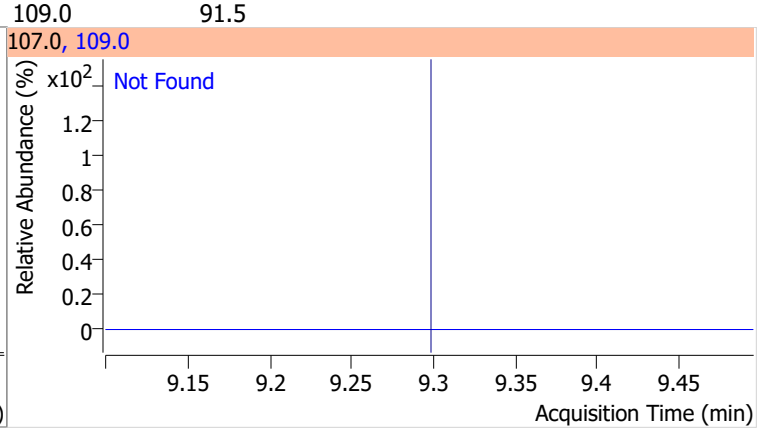
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



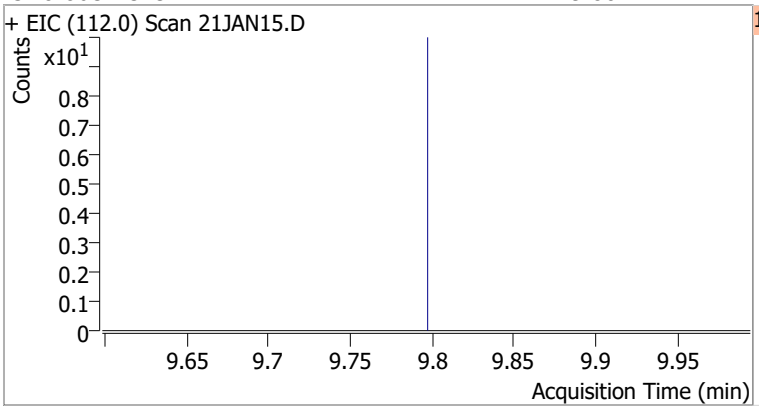


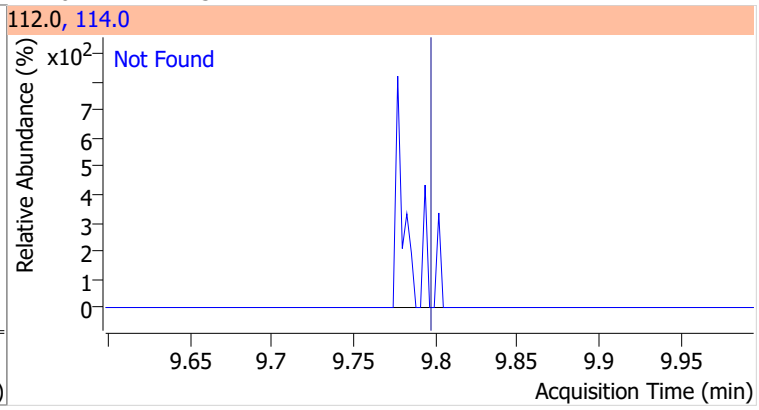
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



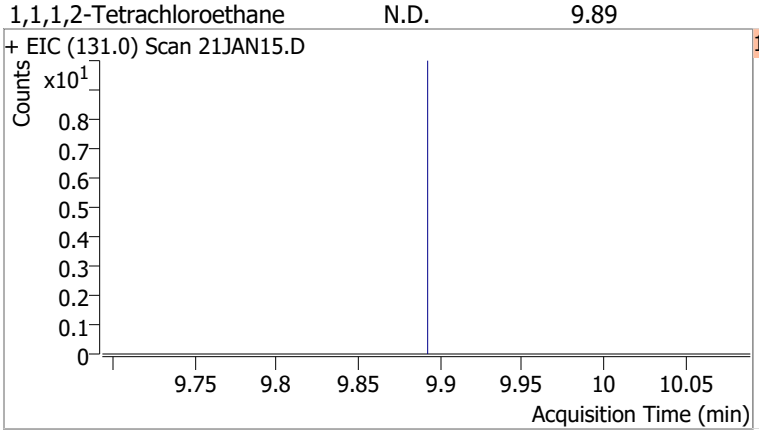


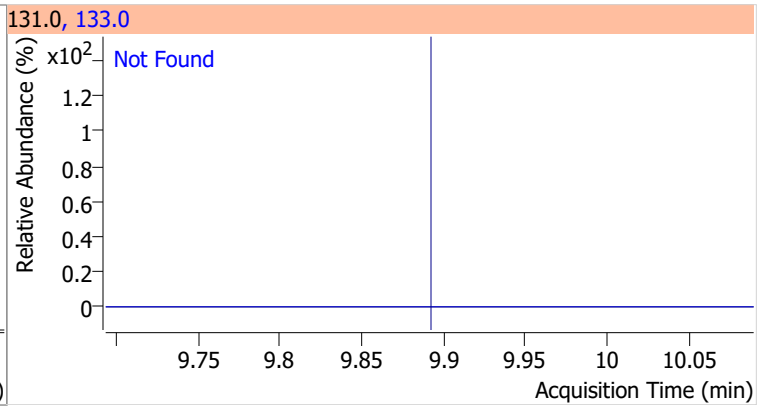
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



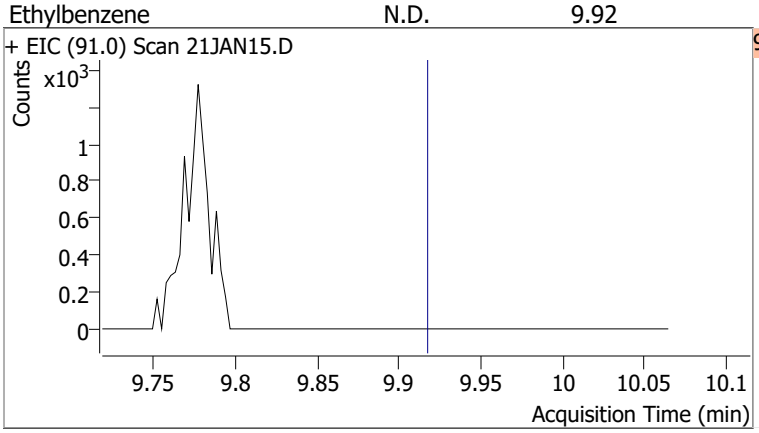


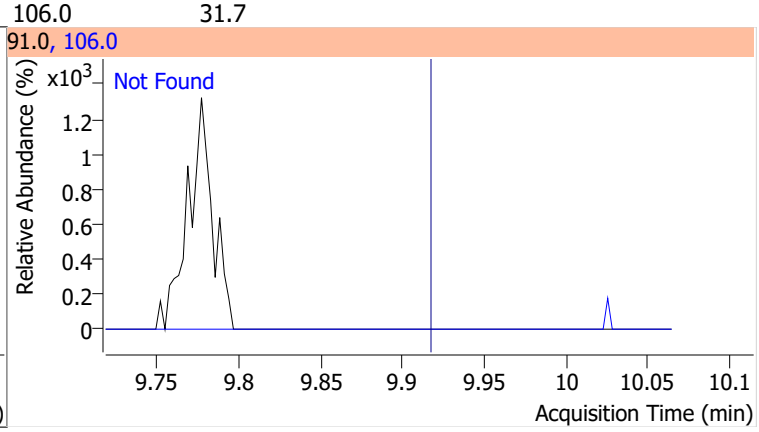
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



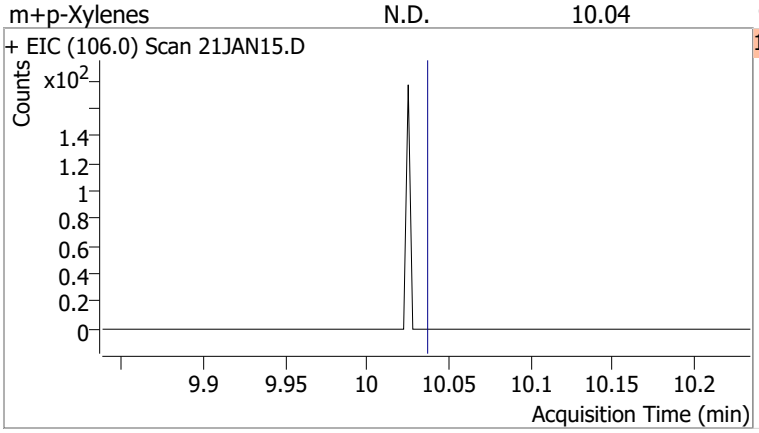


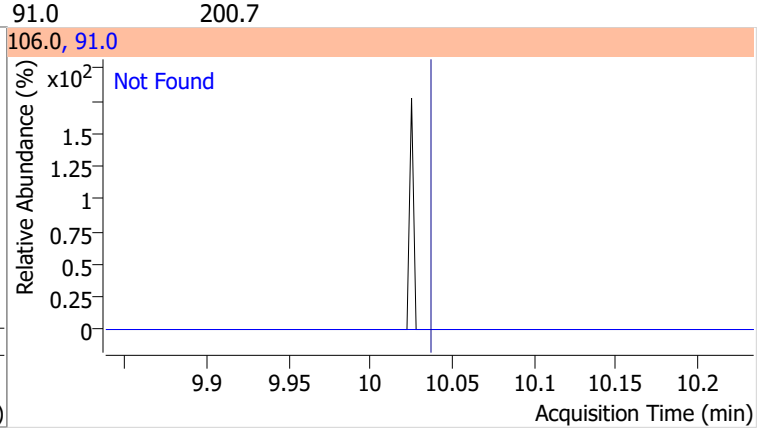
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



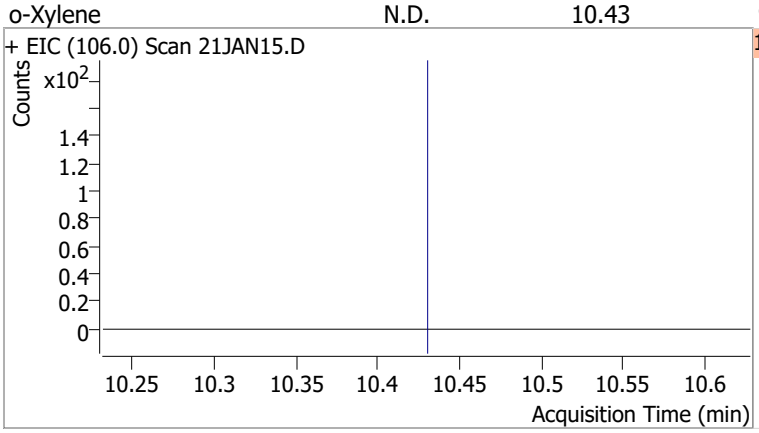


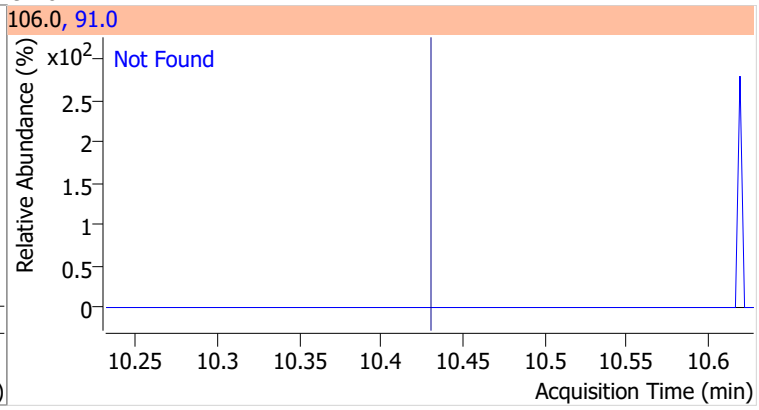
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



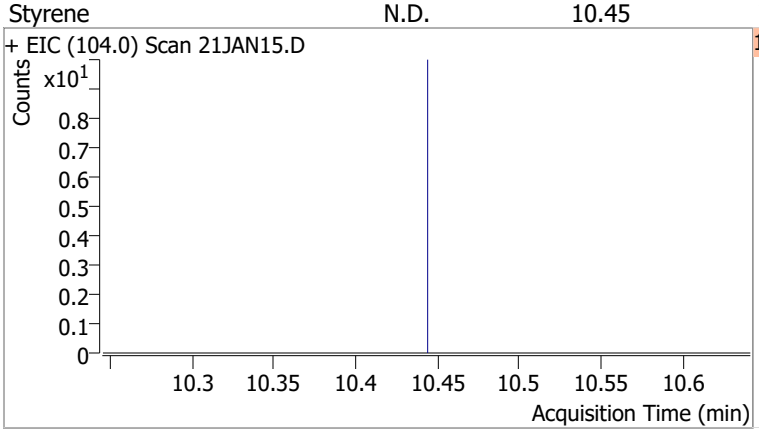


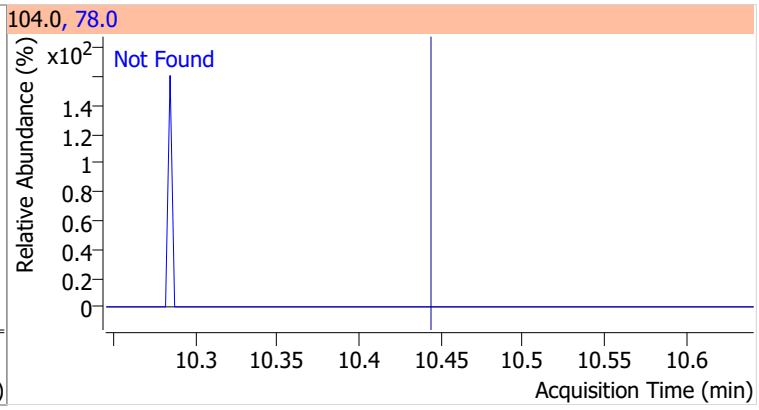
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



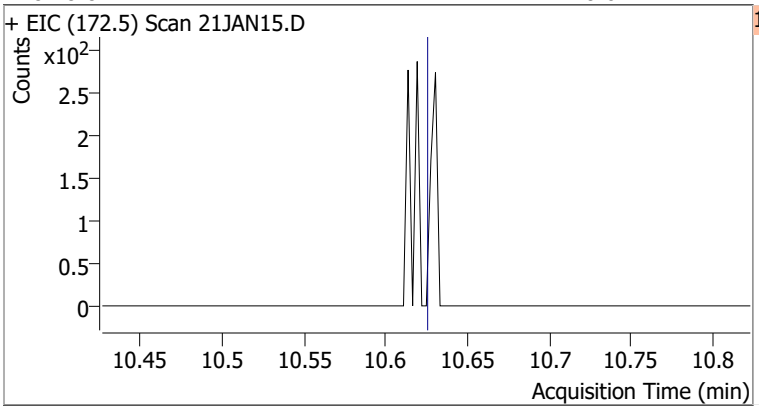


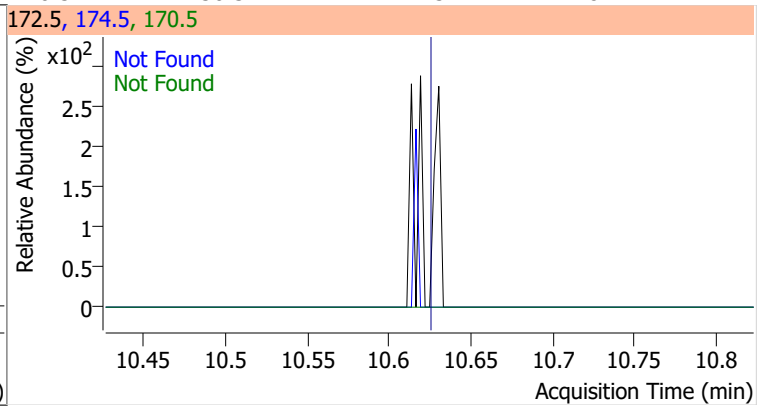
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



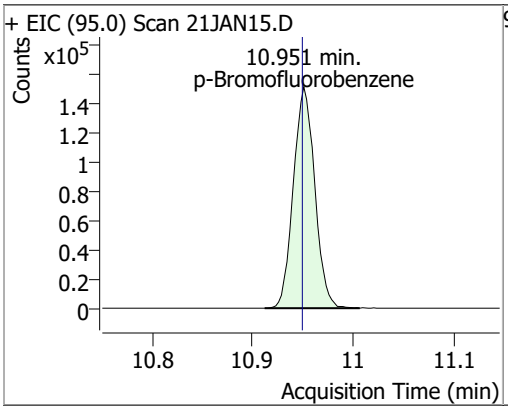


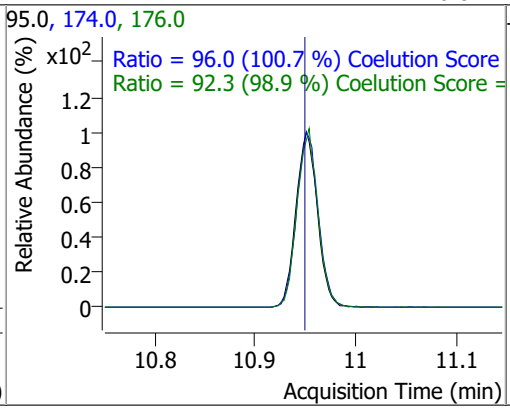
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

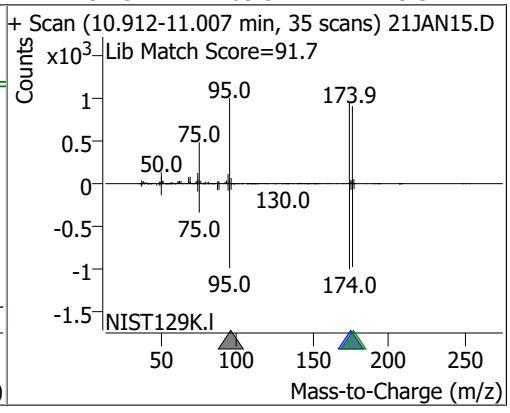




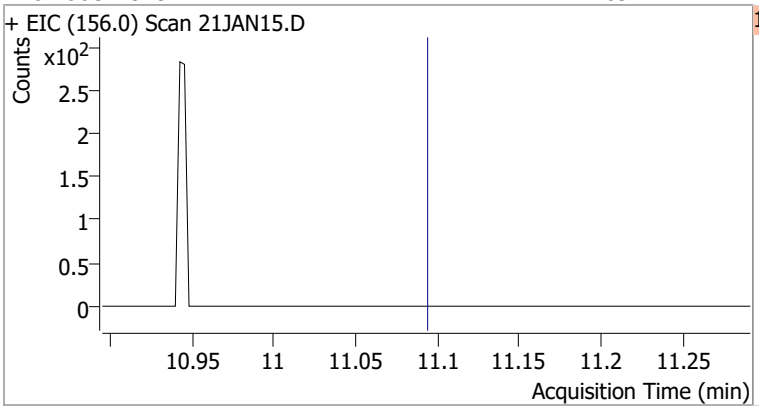
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	262.0017	10.95	0.00	225115	174.0	96.0	65.3	125.3
					176.0	92.3	63.3	123.3

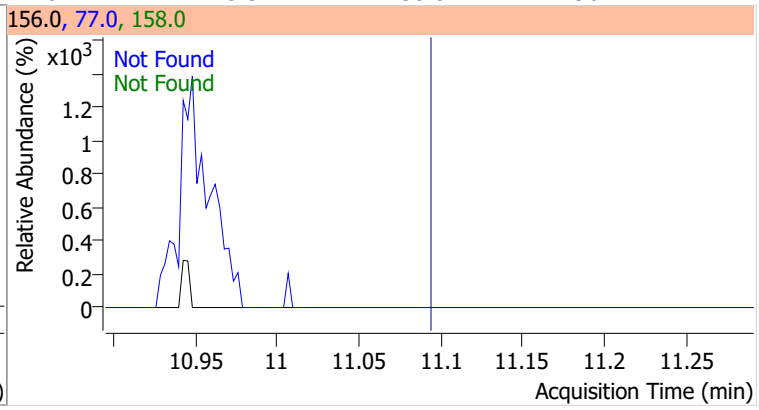




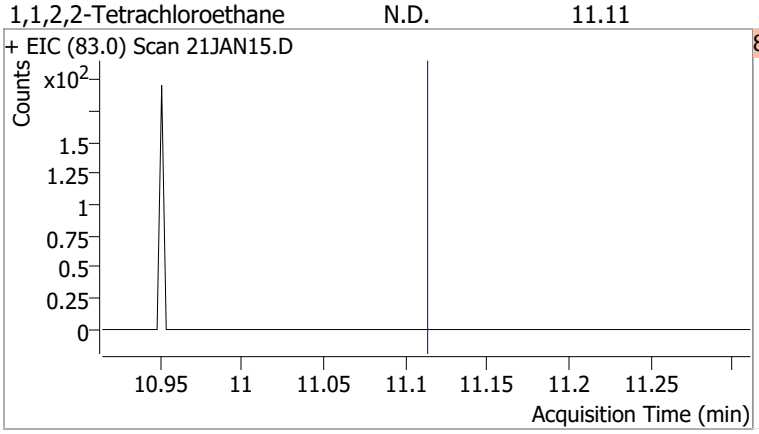


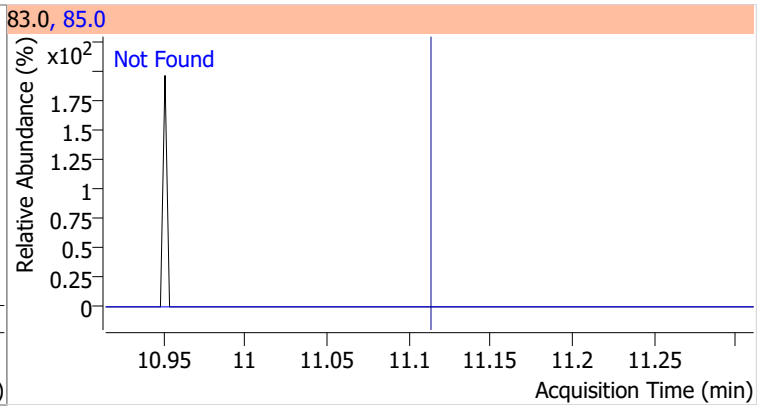
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



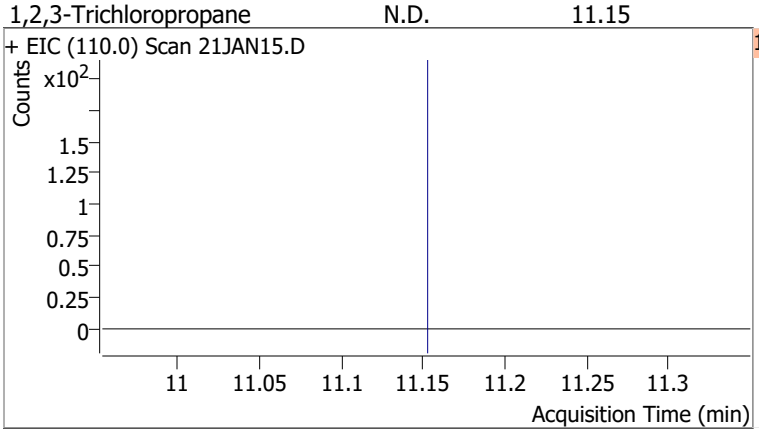


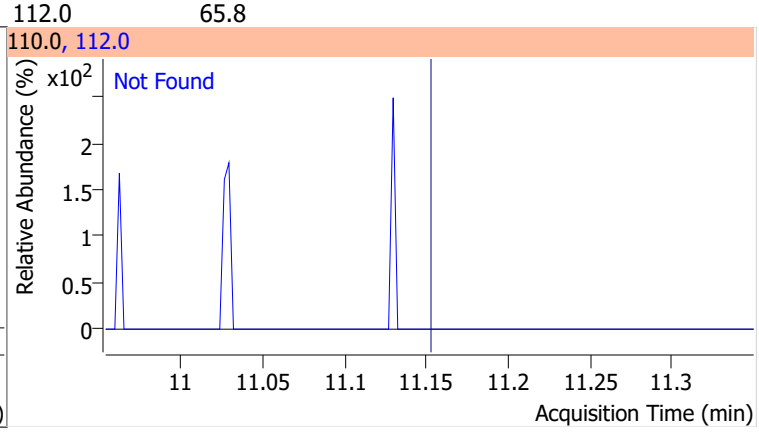
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



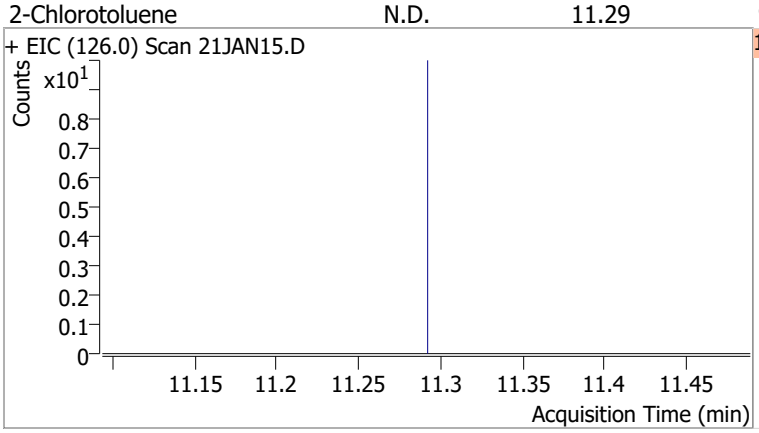


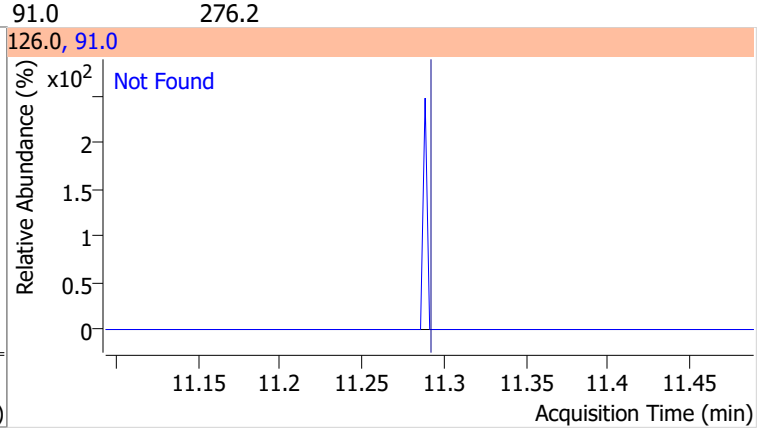
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



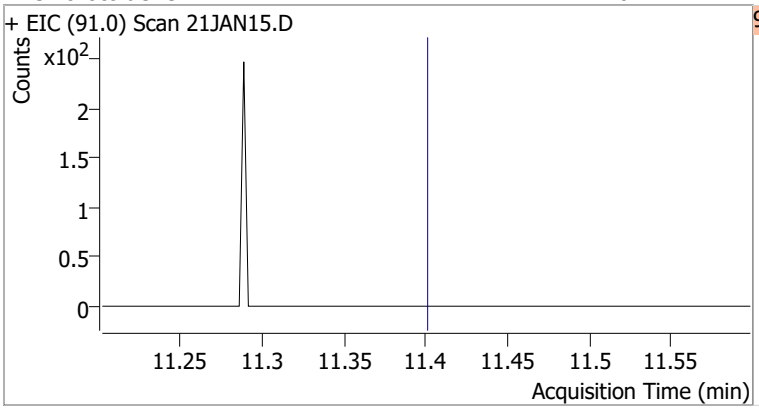


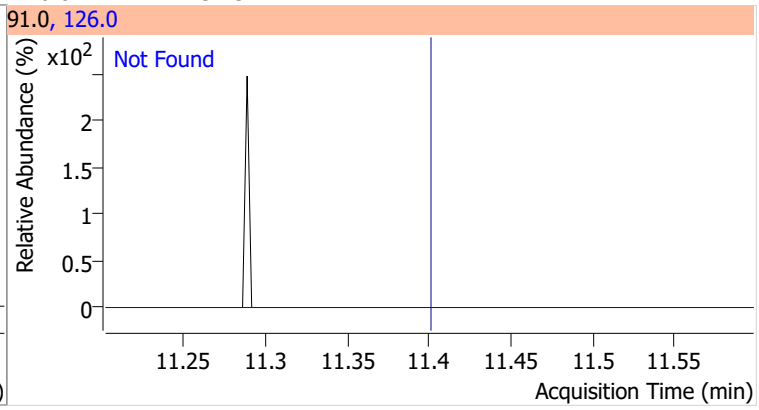
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



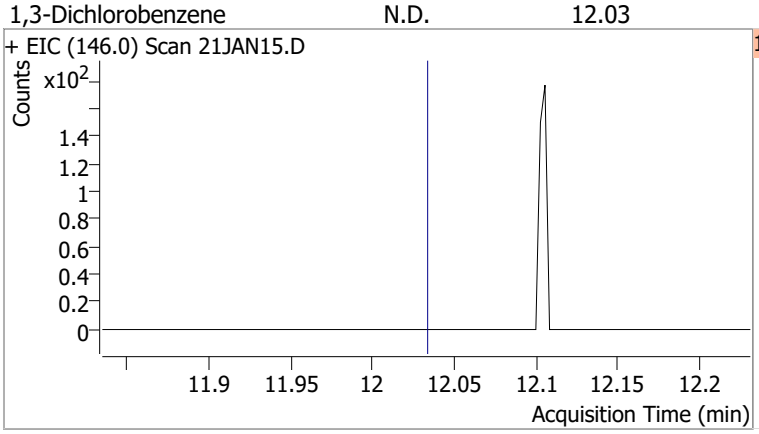


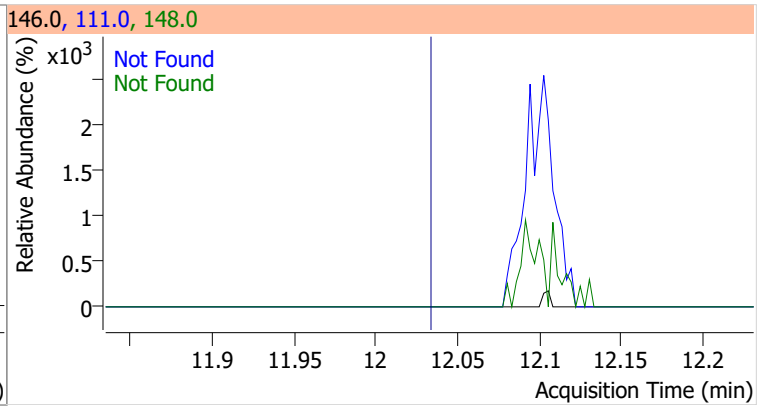
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



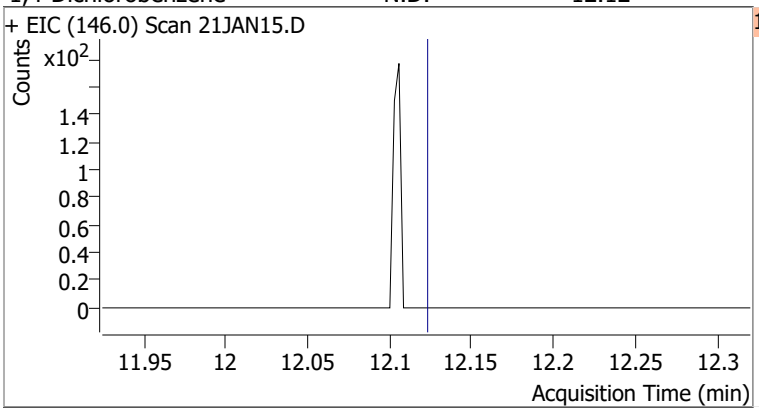


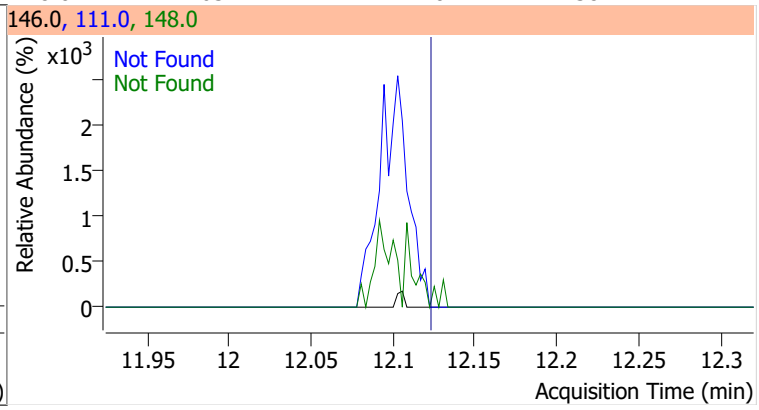
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



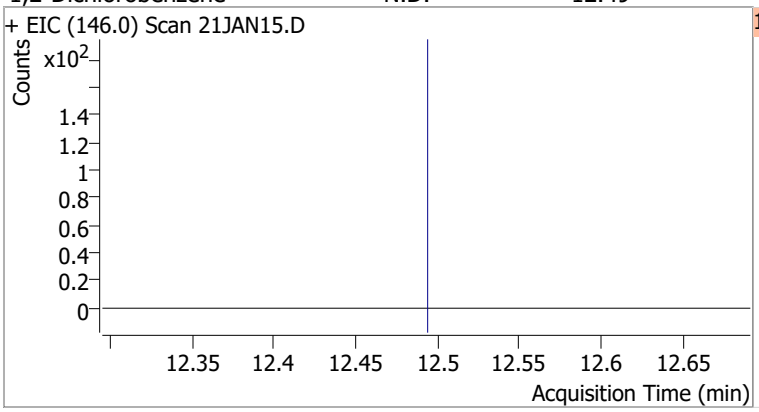


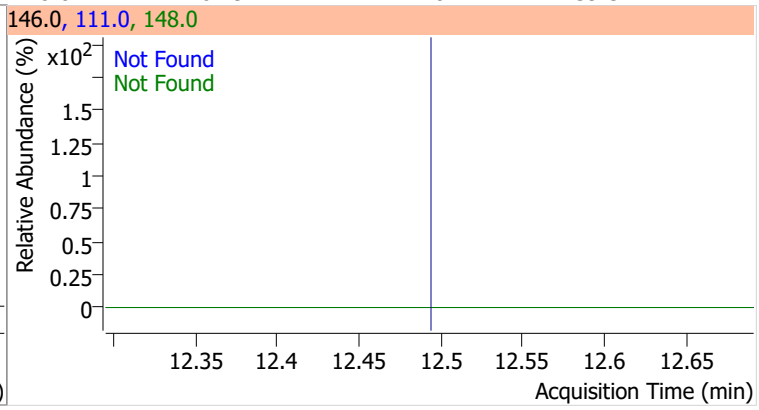
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





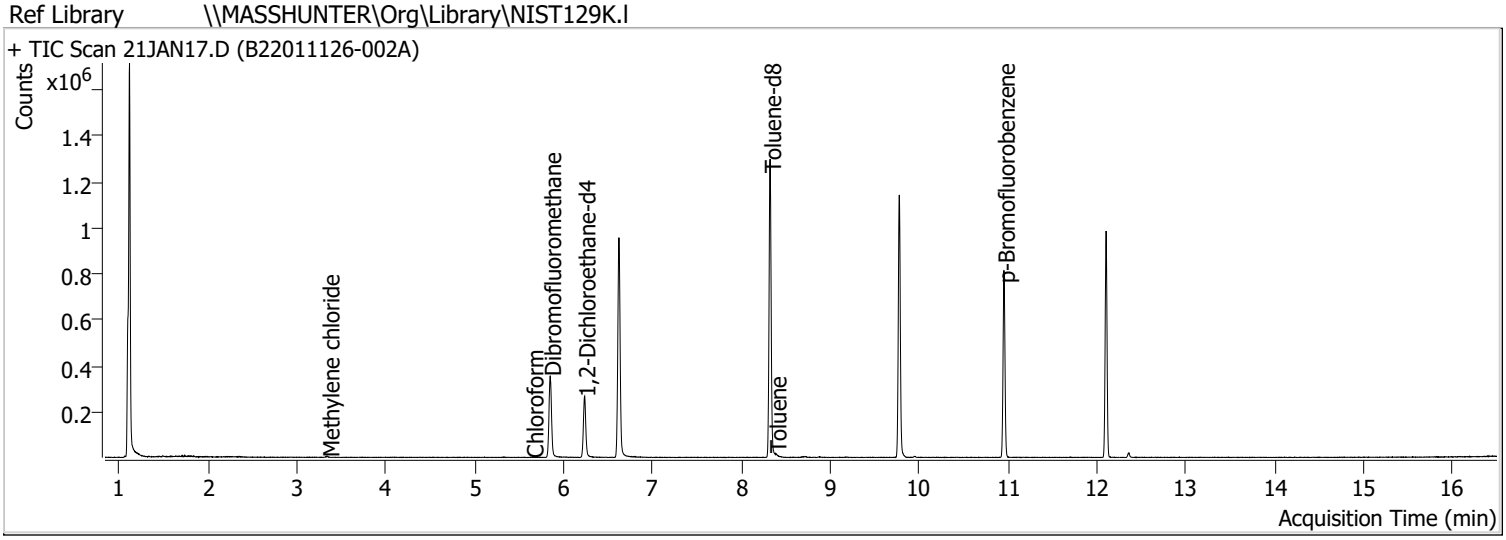
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN17.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 5:04:09 PM
Sample Name	B22011126-002A	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

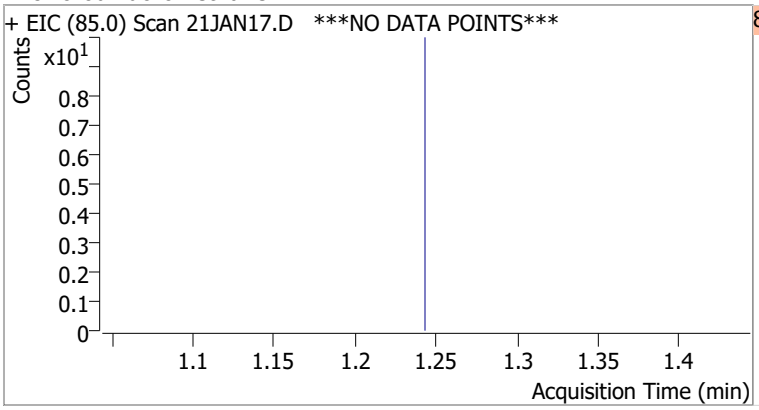


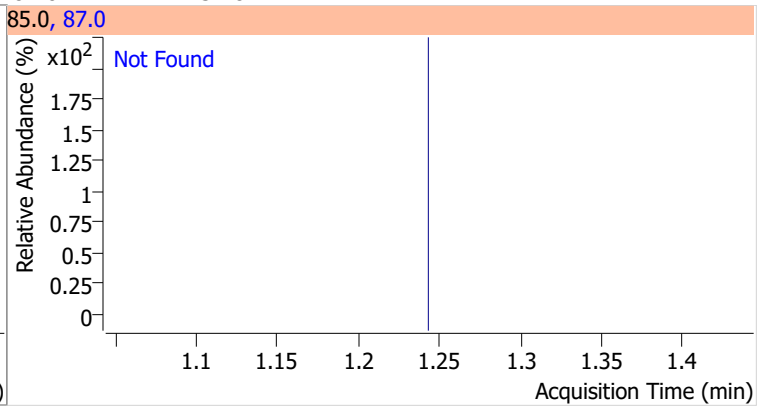
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	805703	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	315415	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	232385	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	209812	268.8555	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.54%			
S 1,2-Dichloroethane-d4	6.233	67.0	93708	277.9764	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 111.19%			
S Toluene-d8	8.321	98.0	796847	258.9539	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.58%			
S p-Bromofluorobenzene	10.951	95.0	227013	264.5779	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.83%			
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	3.352	49.0	2400	2.0379	ng	m	80
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.650	83.0	272	0.1741	ng	m	89

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	8.380	92.0	2010	0.9799	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	10.045	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.			

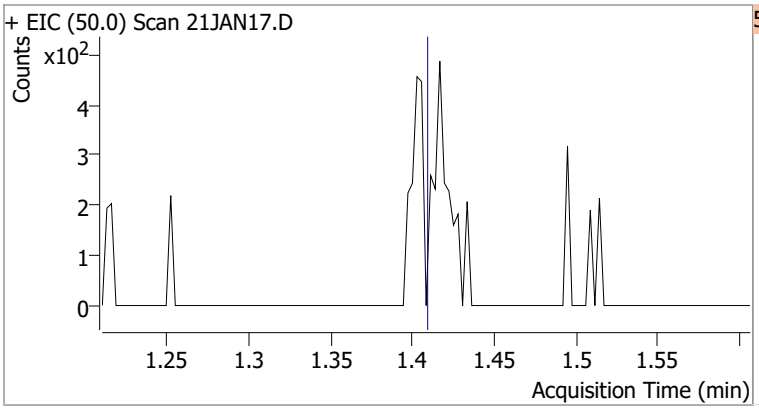
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

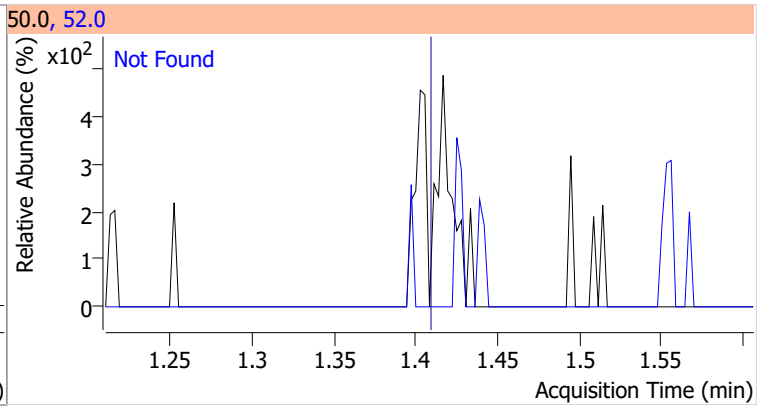
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



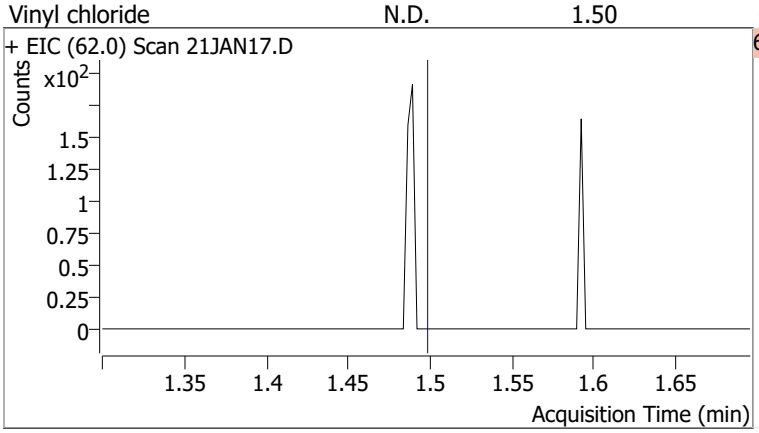


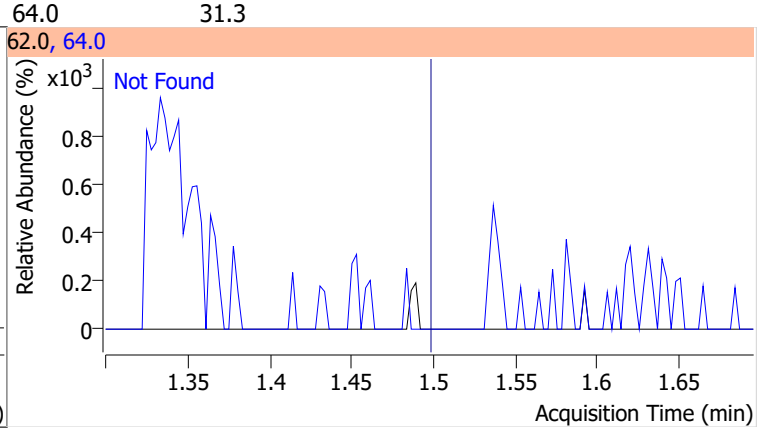
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



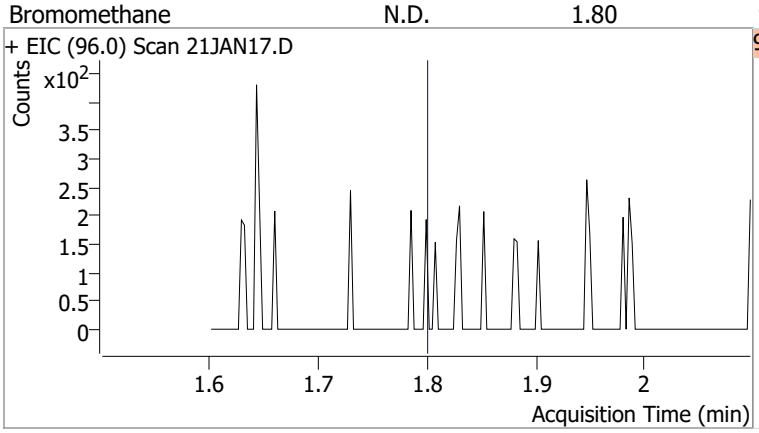


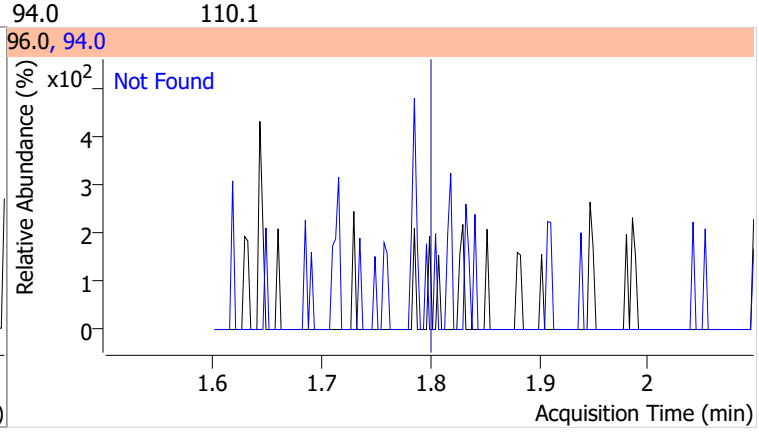
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



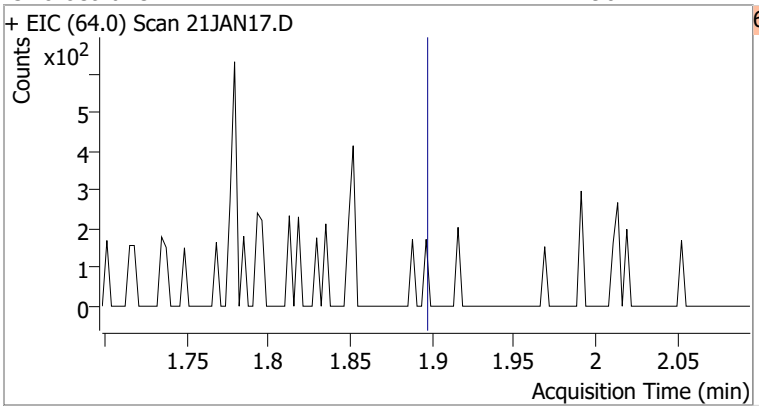


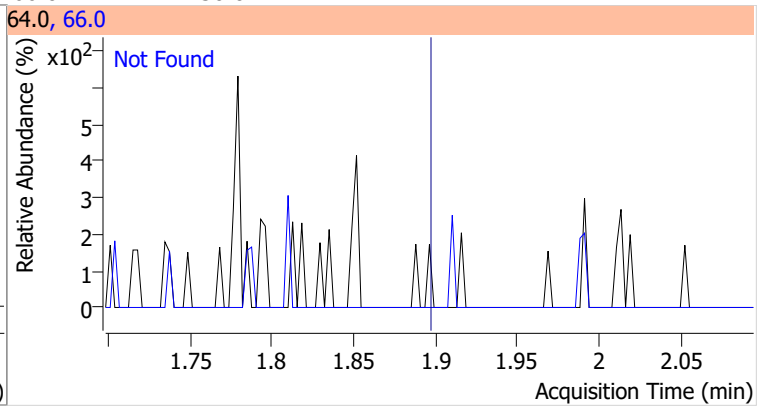
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



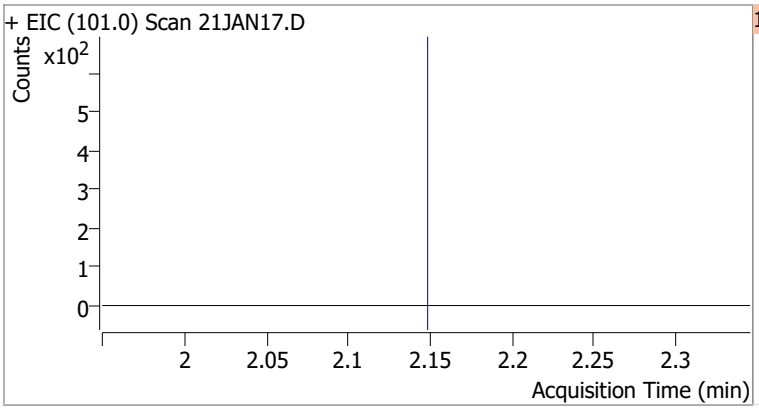


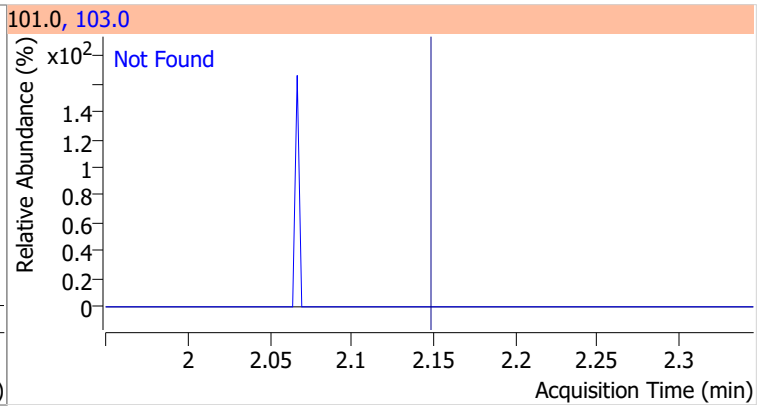
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



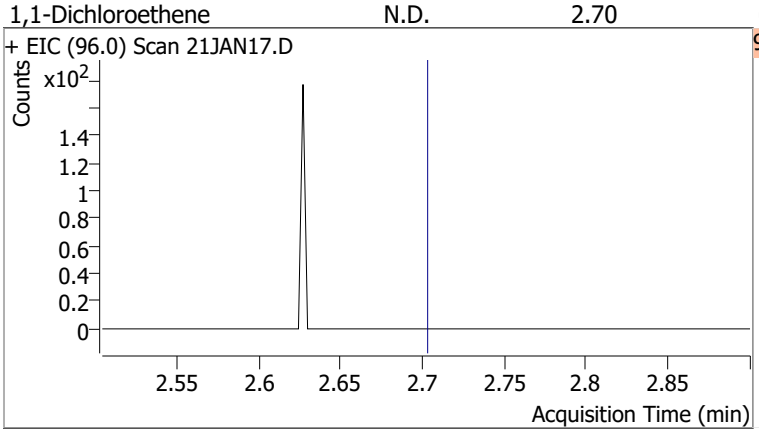


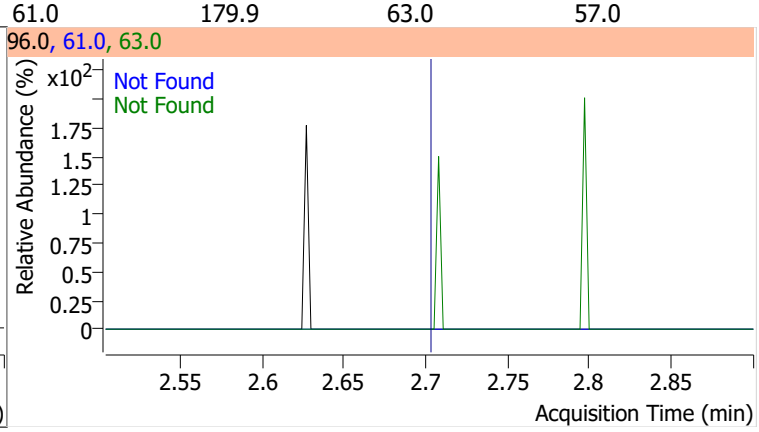
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



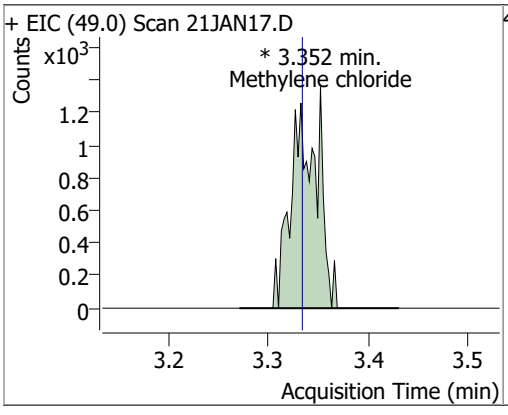


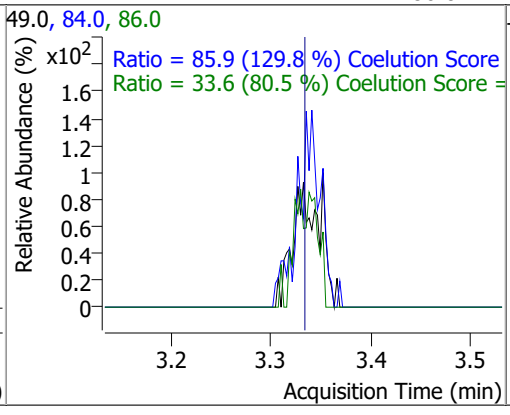
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

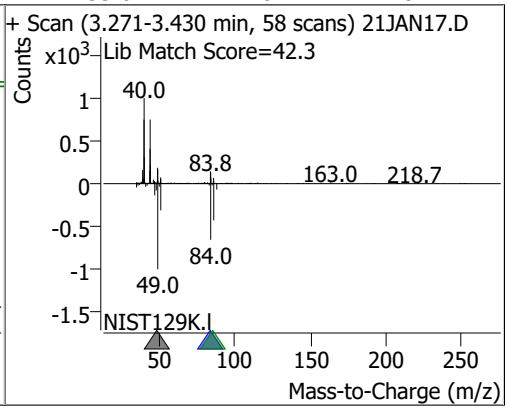




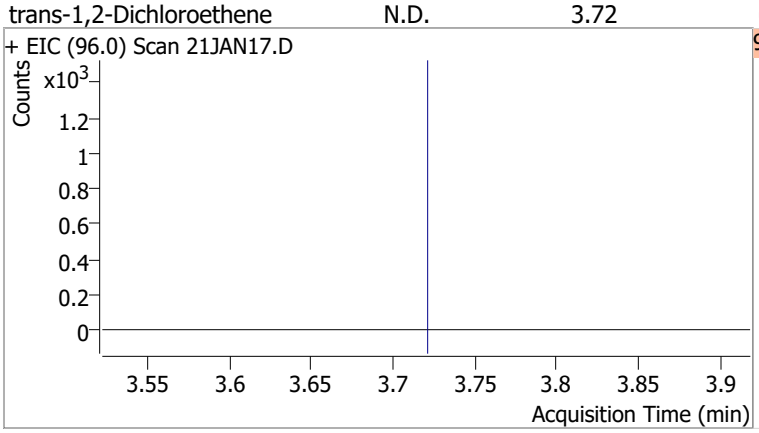
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	2.0379	3.35	0.02	2400 (m)	84.0	85.9	36.1	96.1
					86.0	33.6	11.8	71.8

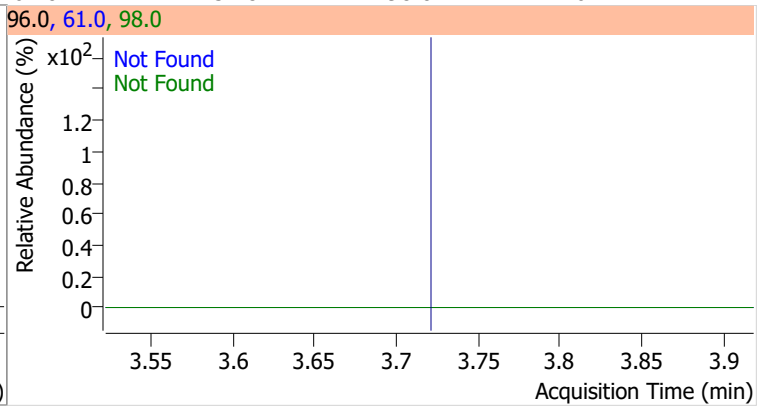




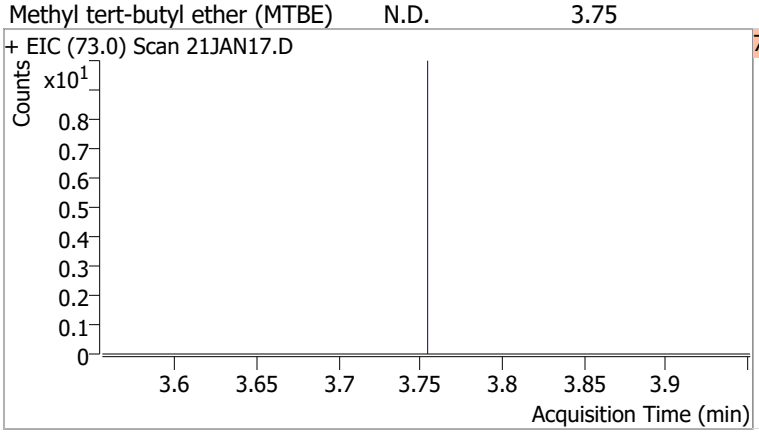


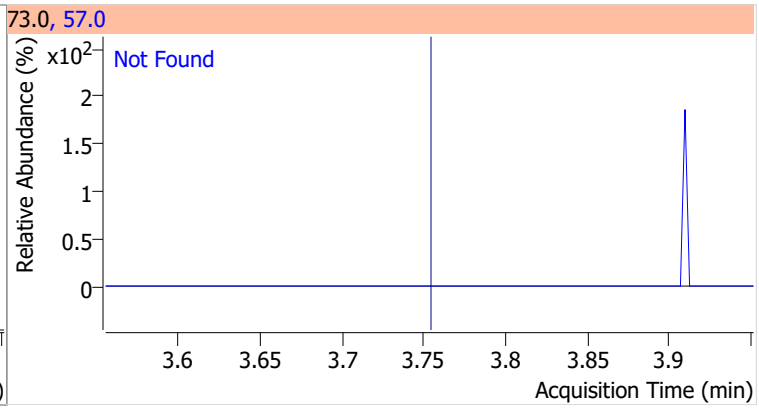
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



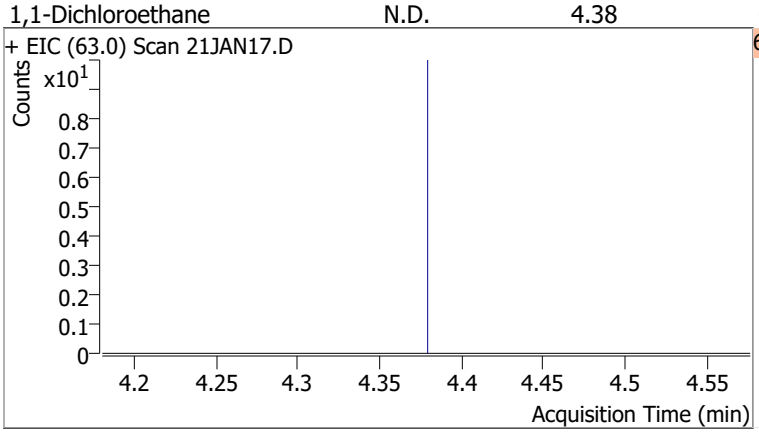


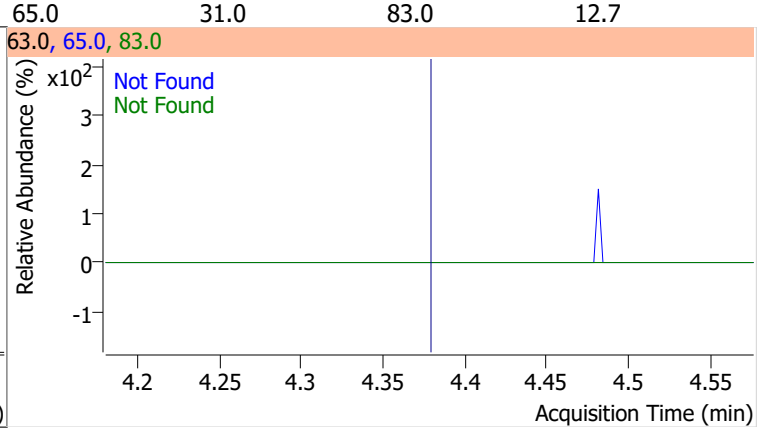
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



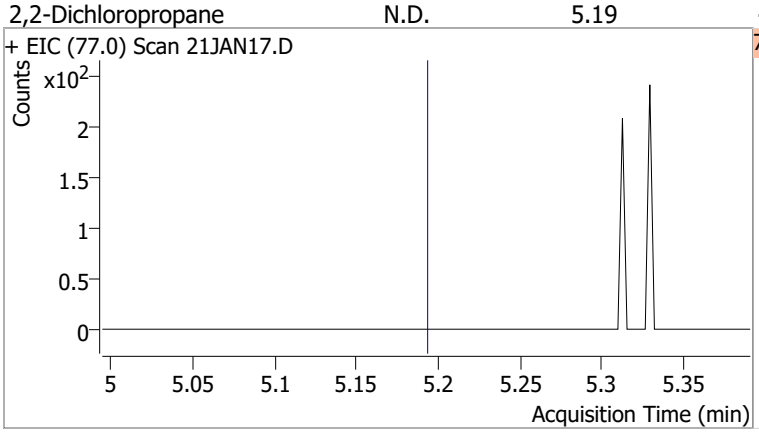


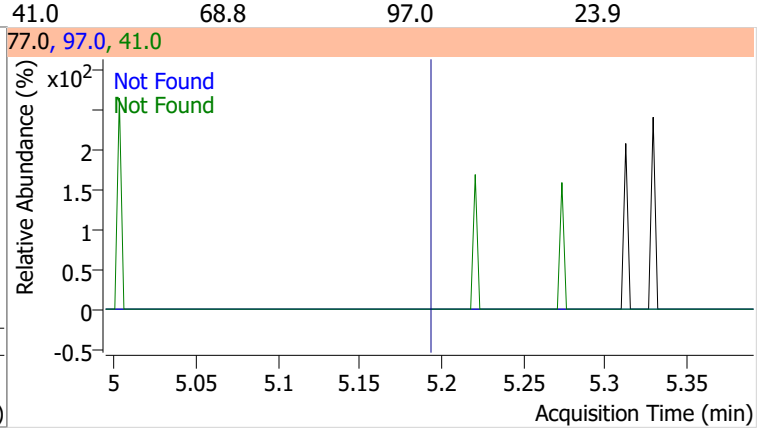
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



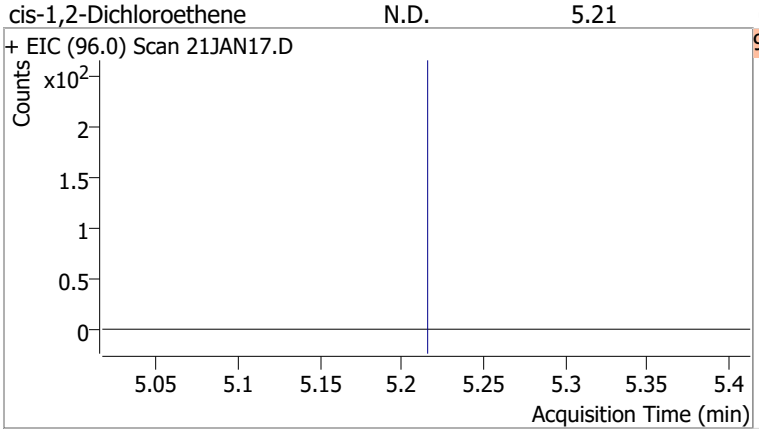


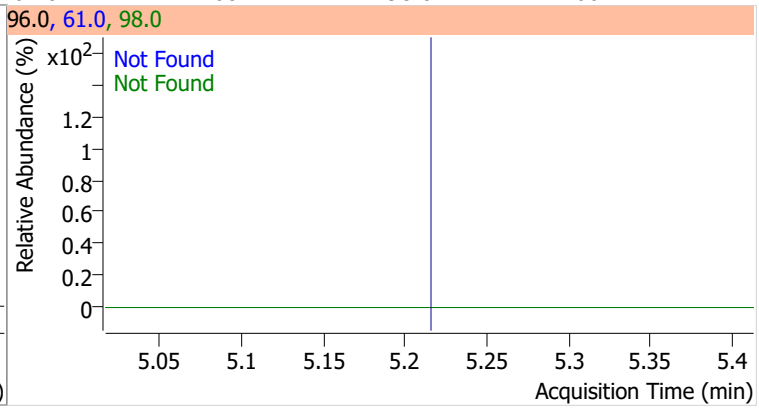
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



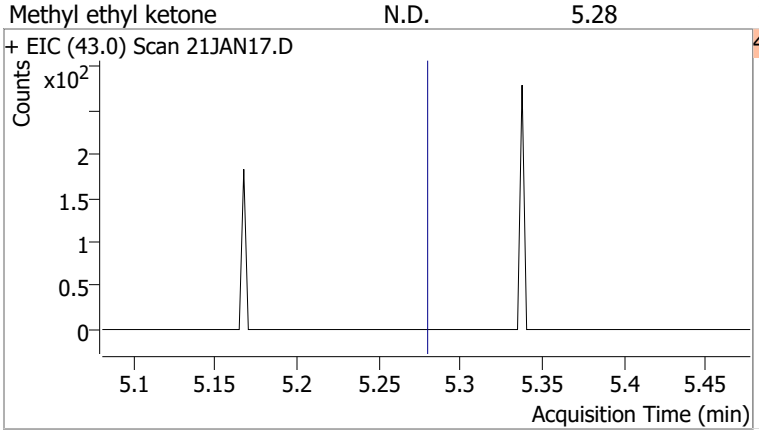


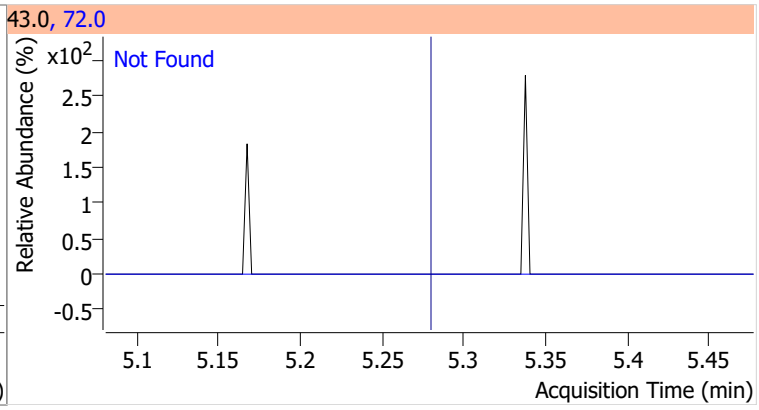
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



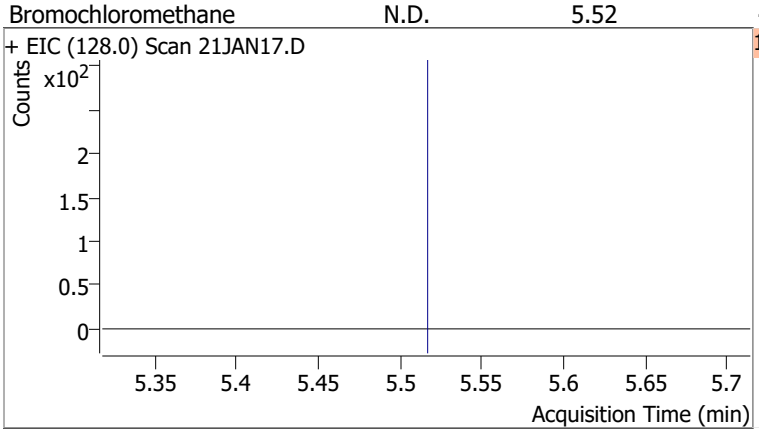


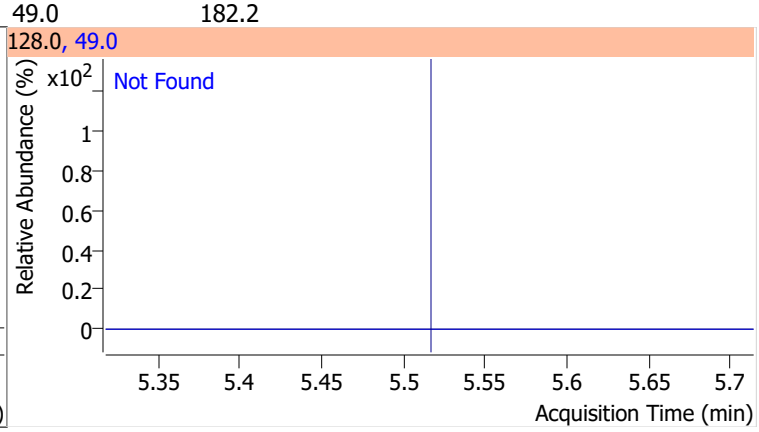
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



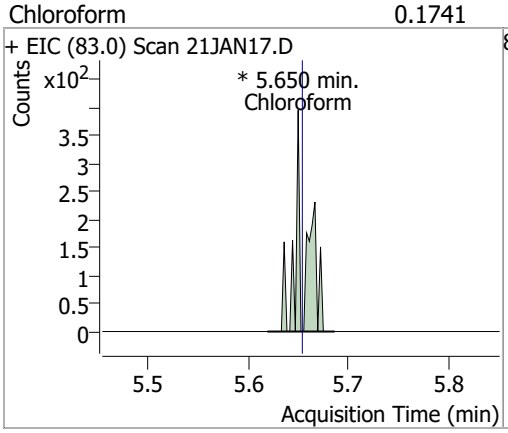


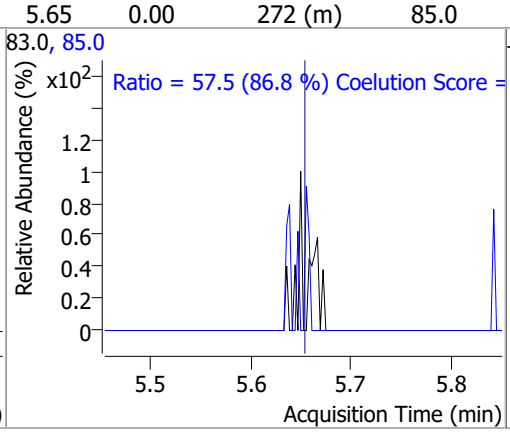
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

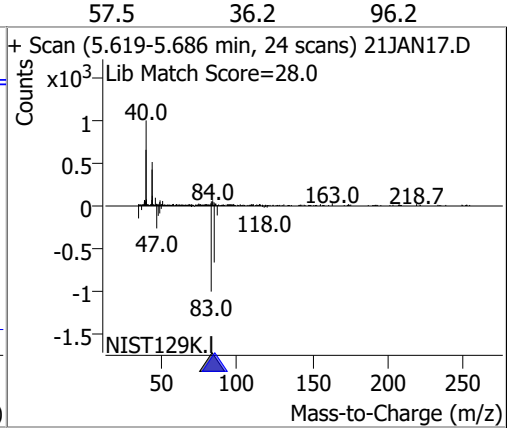




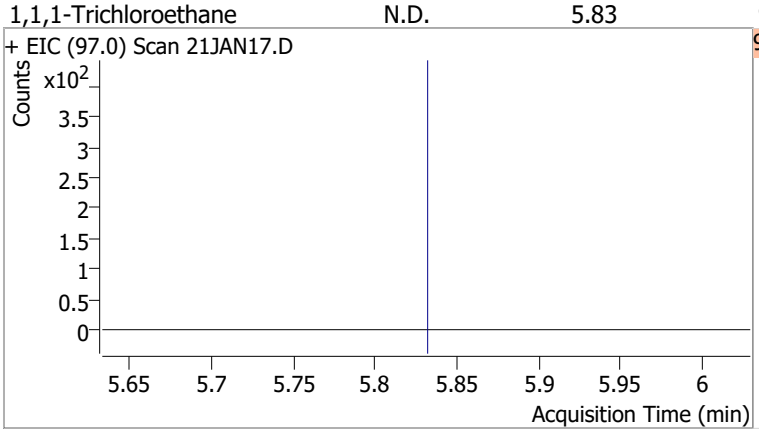
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.1741	5.65	0.00	272 (m)	85.0	57.5	36.2	96.2

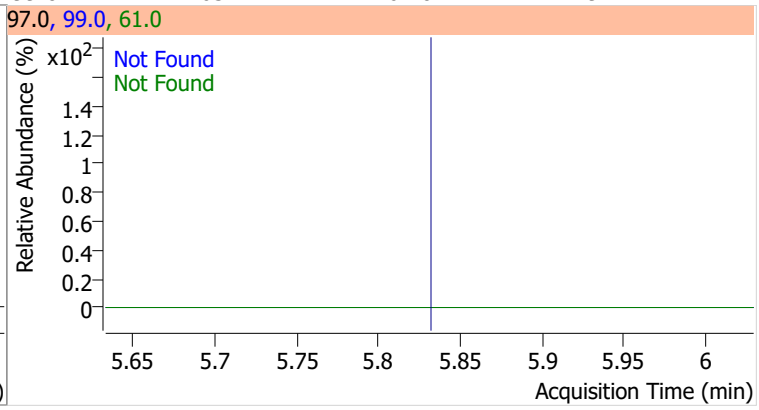




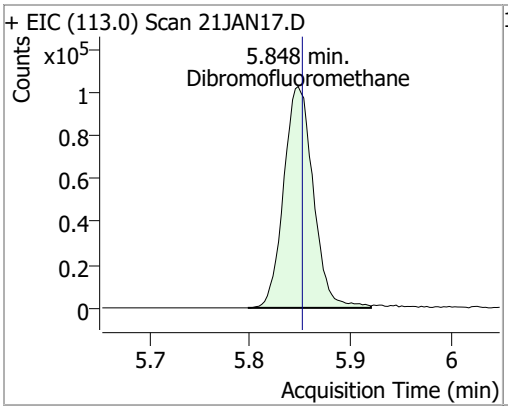


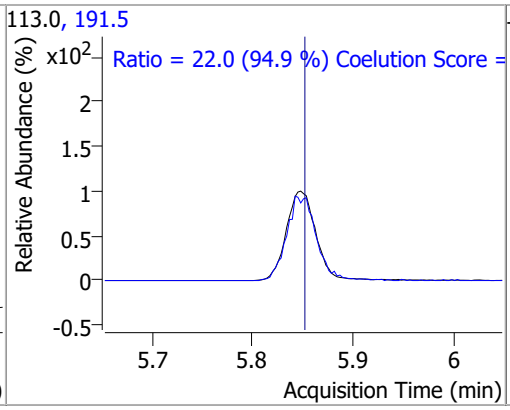
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

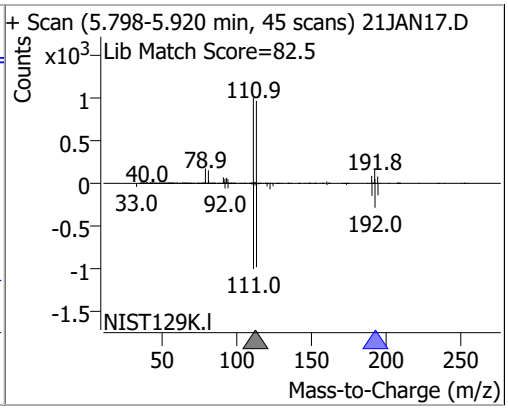




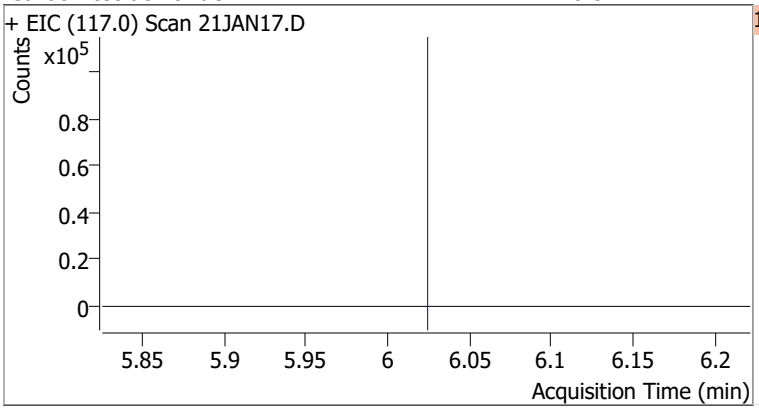
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	268.8555	5.85	0.00	209812	191.5	22.0	0.0	53.2

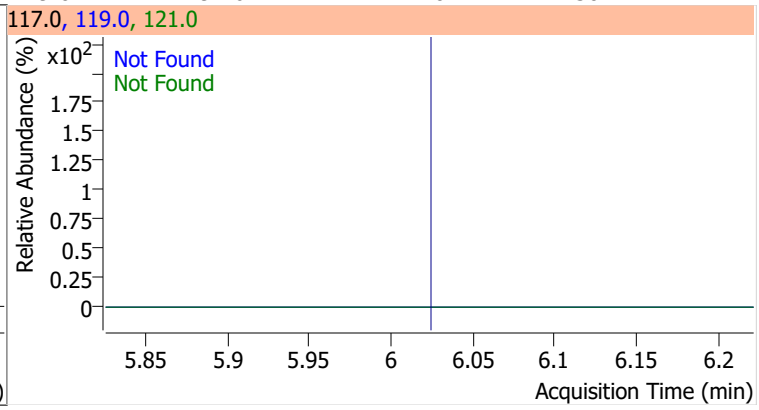




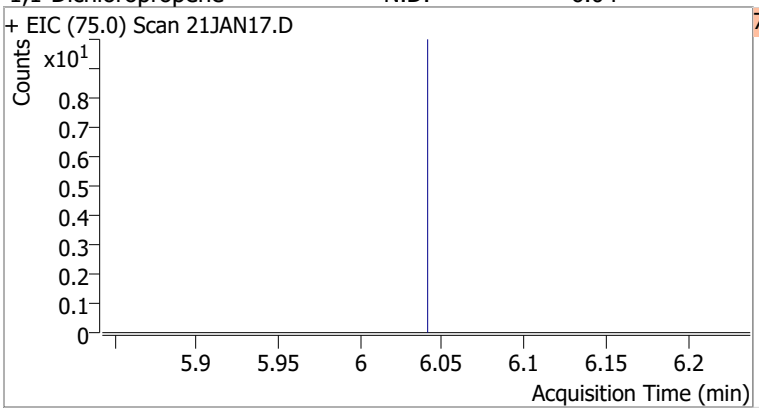


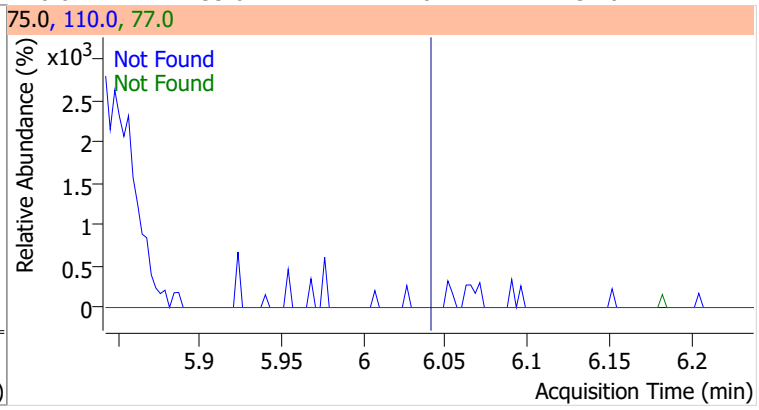
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



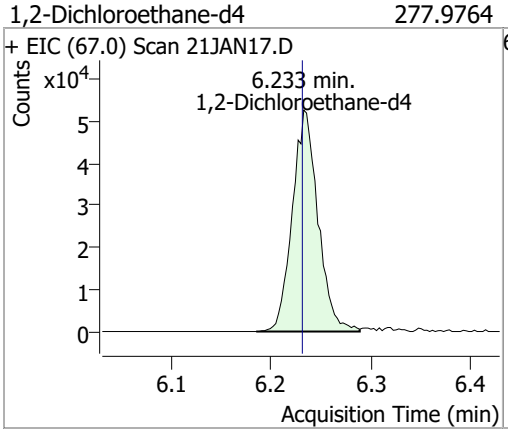


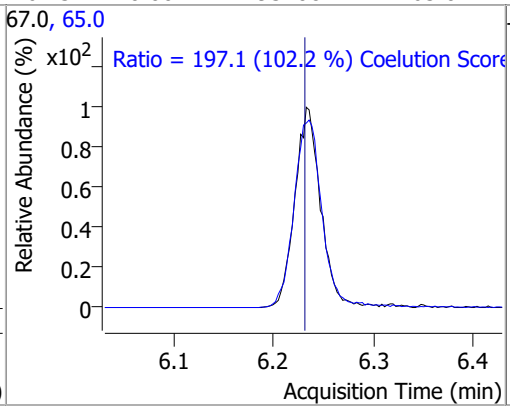
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

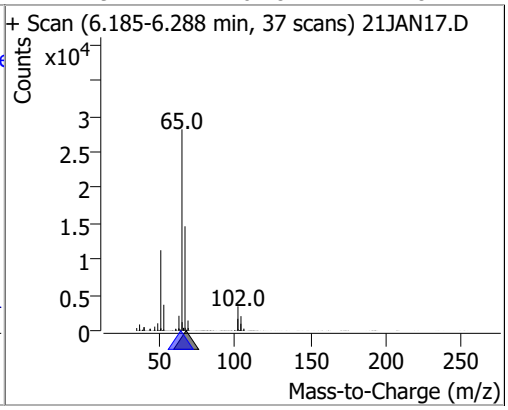




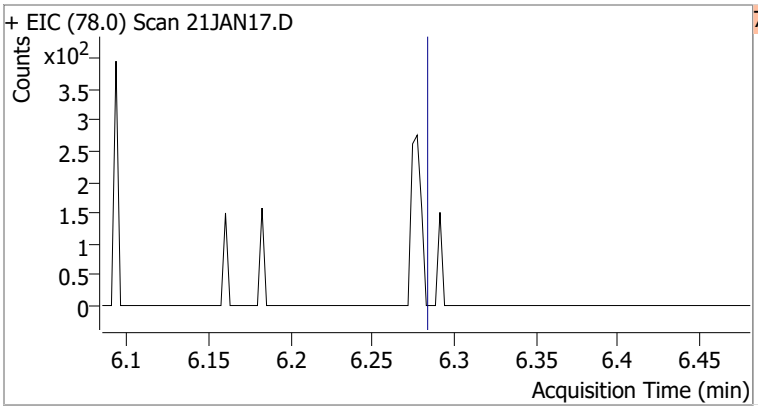
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	277.9764	6.23	0.00	93708	65.0	197.1	162.8	222.8

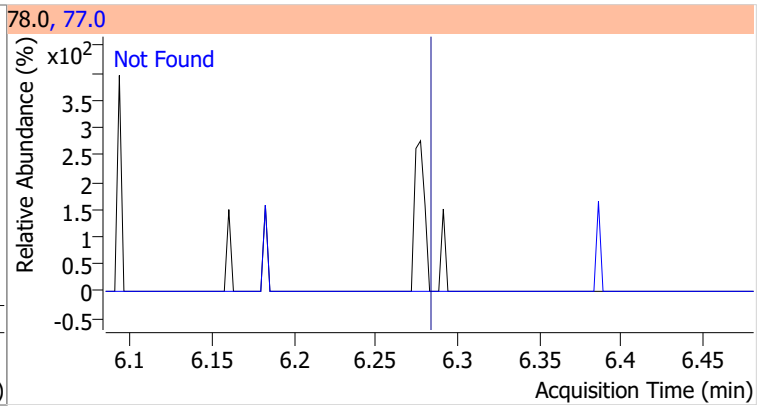




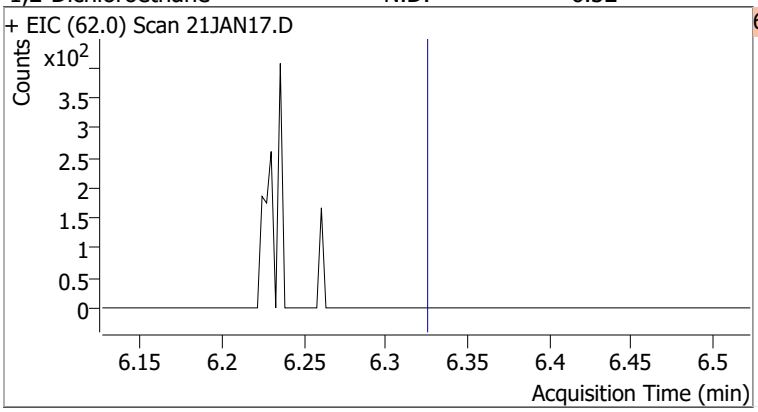


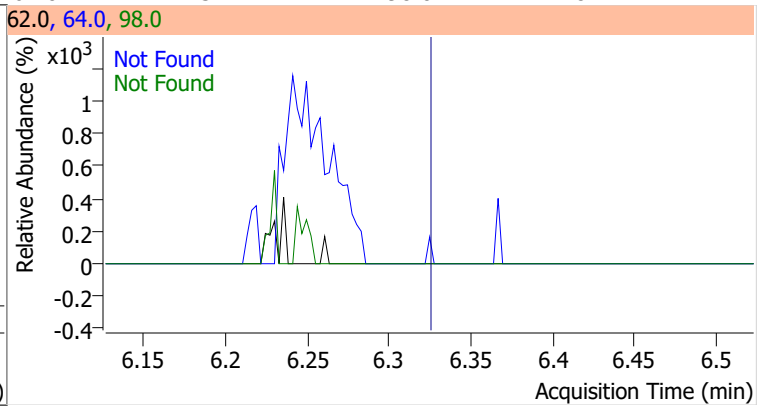
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



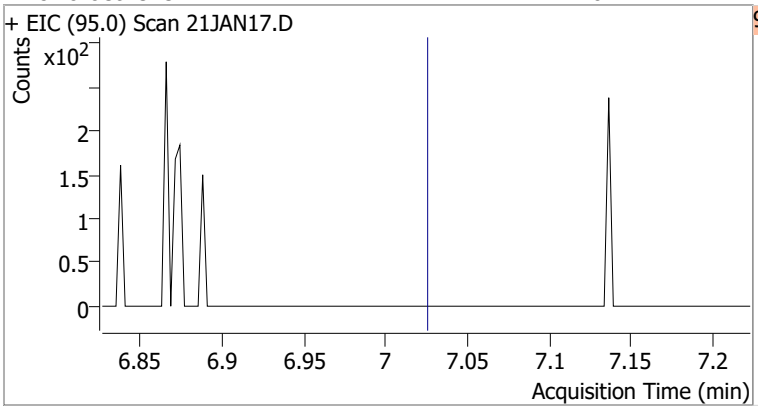


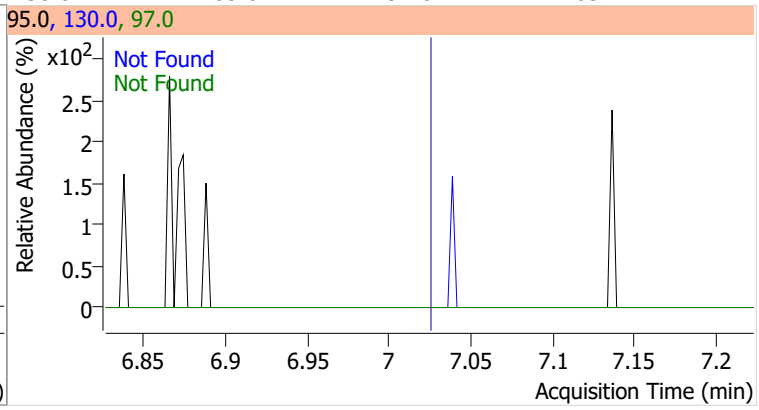
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



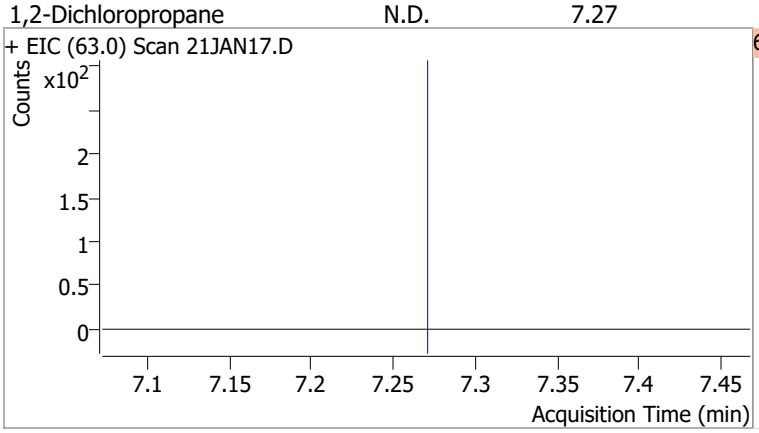


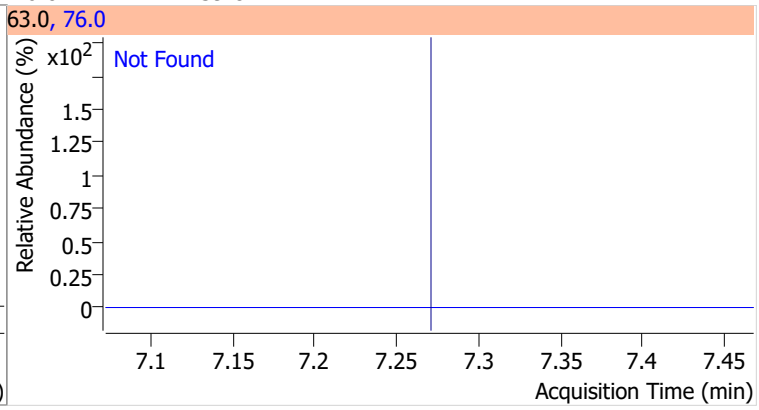
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



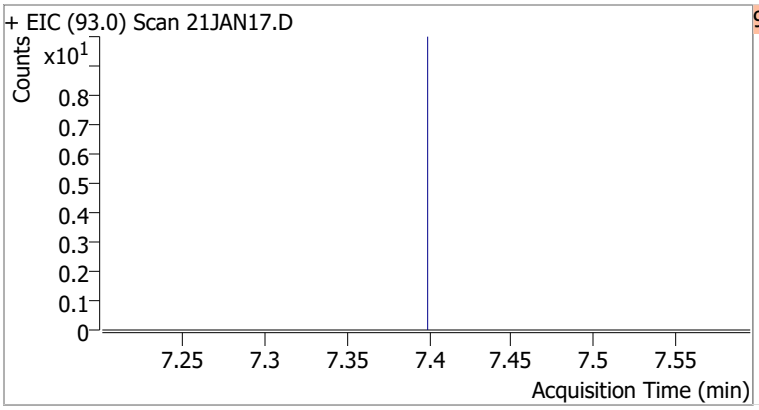


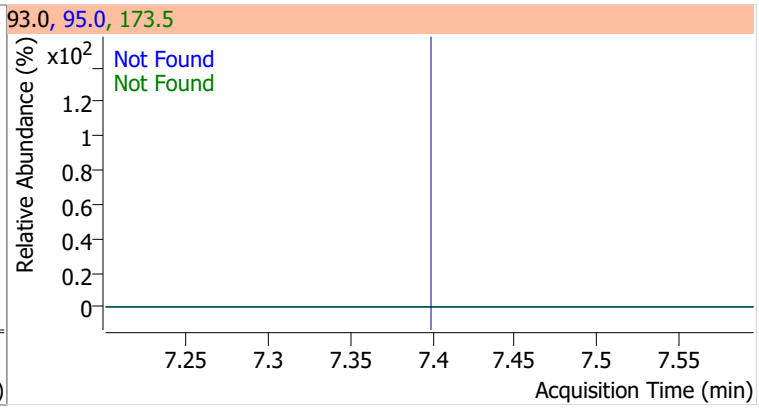
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



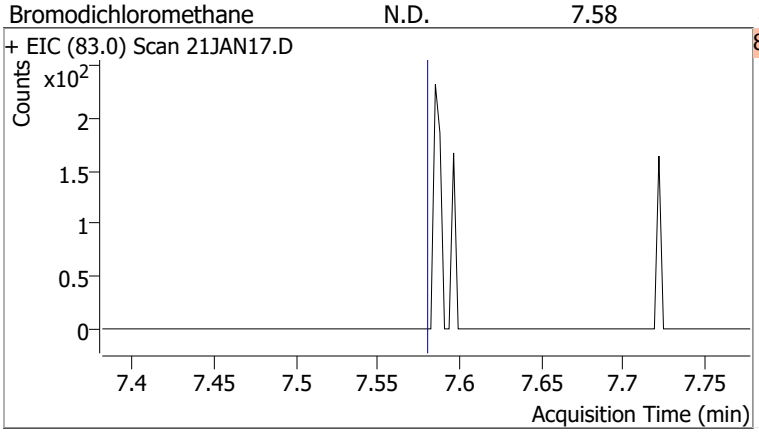


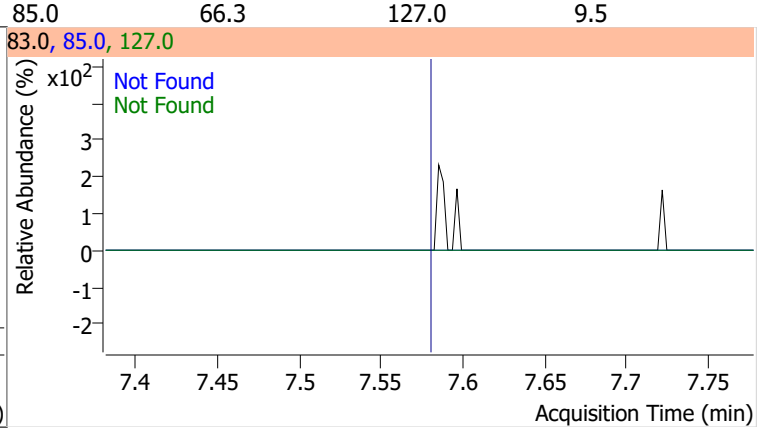
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



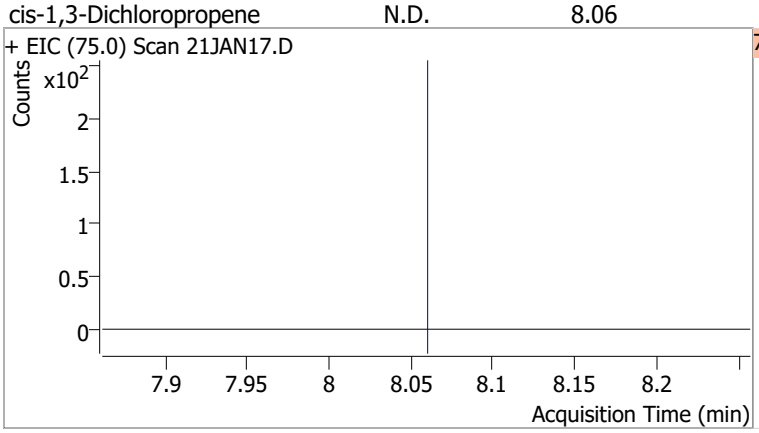


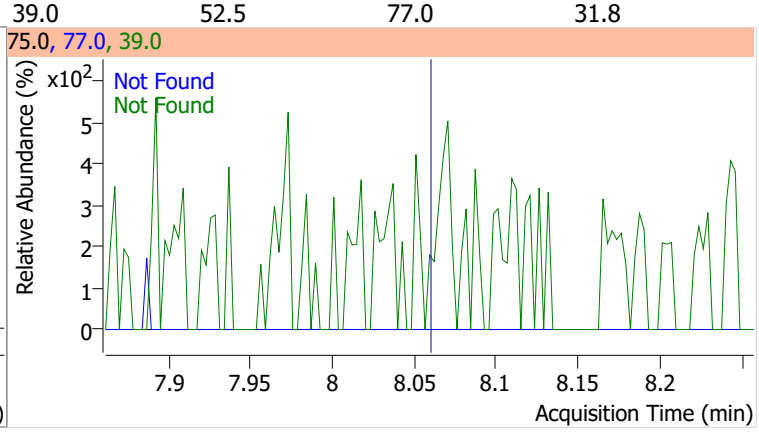
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



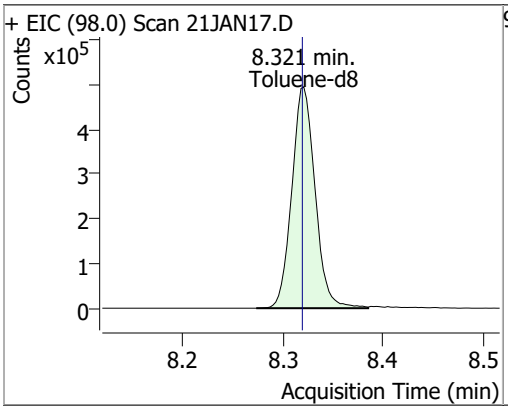


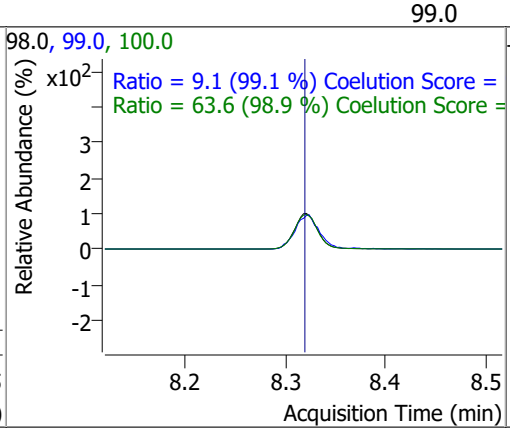
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

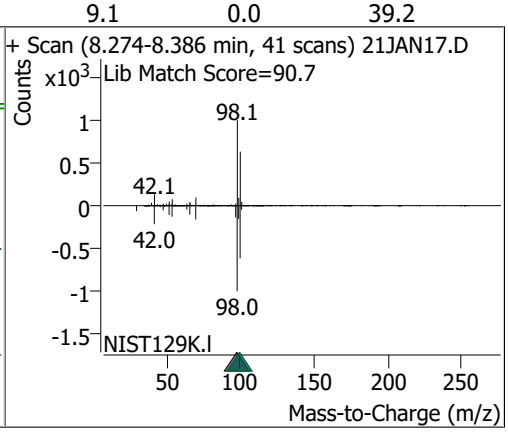




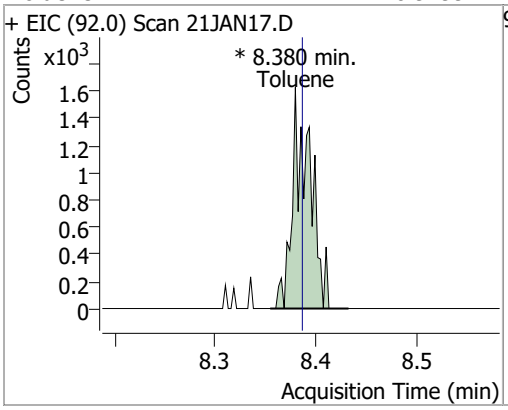
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	258.9539	8.32	0.00	796847	100.0	63.6	34.3	94.3
					99.0	9.1	0.0	39.2

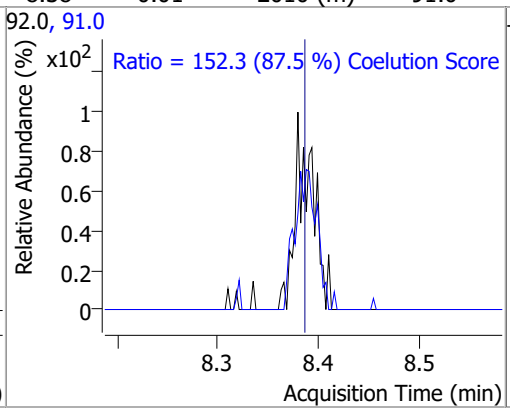


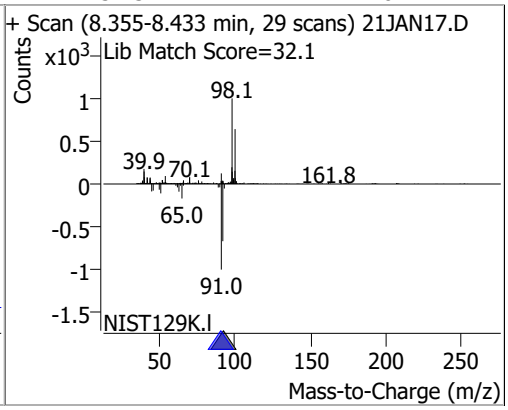




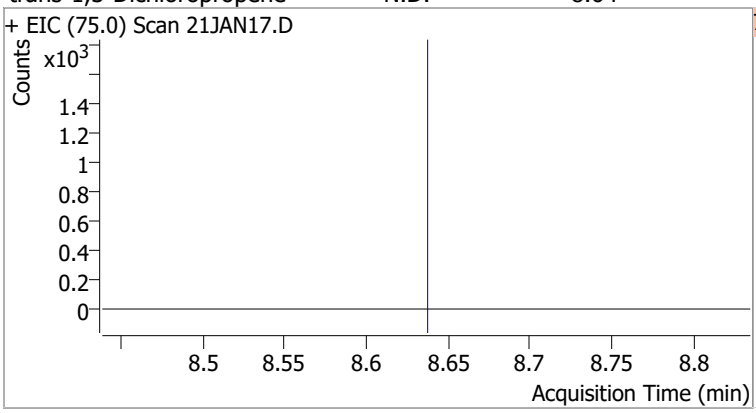
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.9799	8.38	-0.01	2010 (m)	91.0	152.3	144.1	204.1

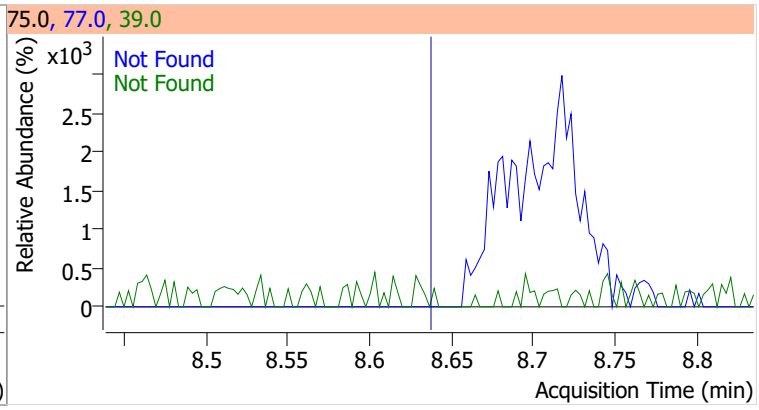




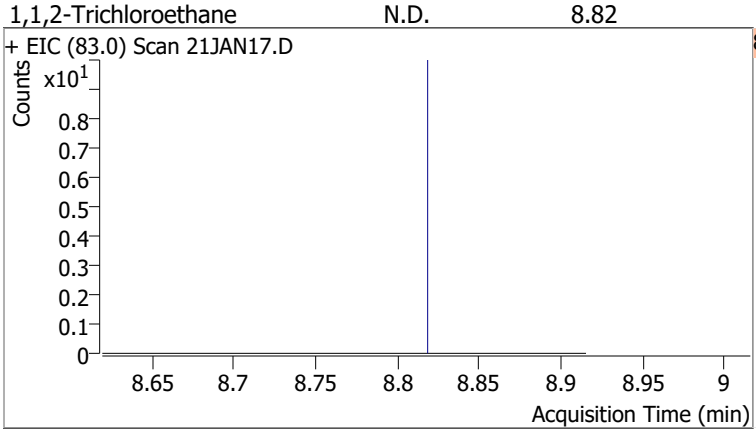


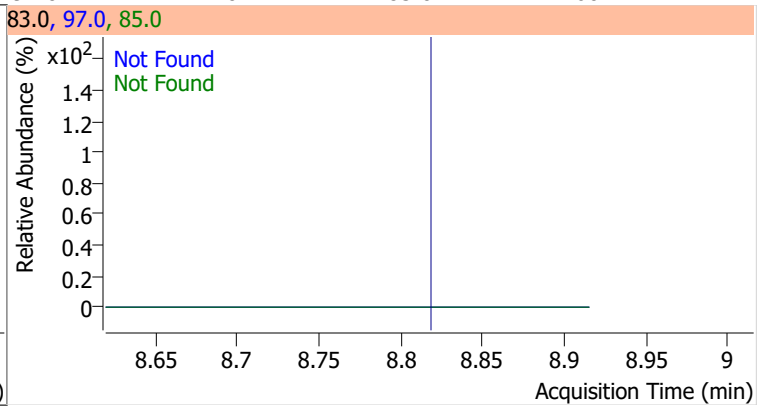
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



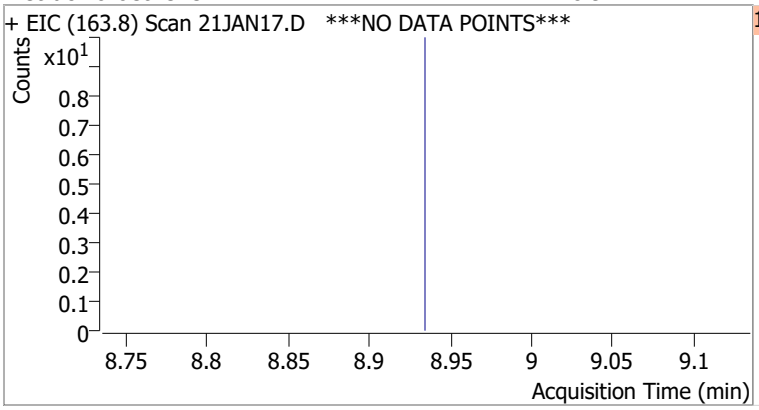


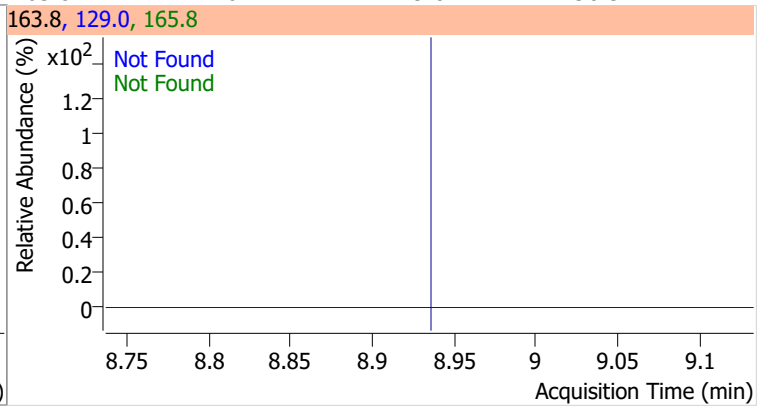
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



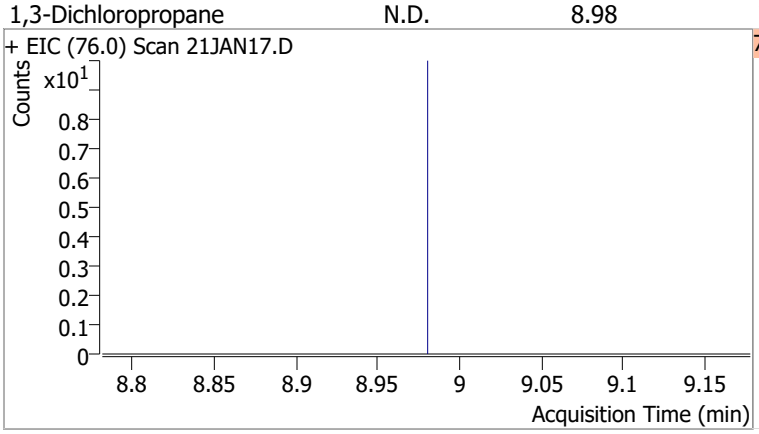


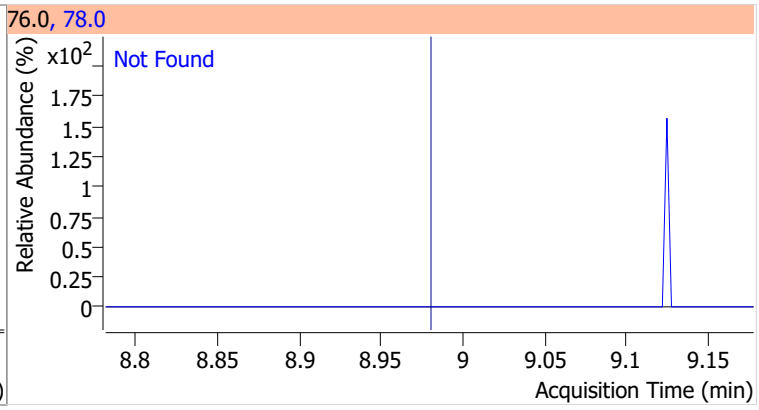
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



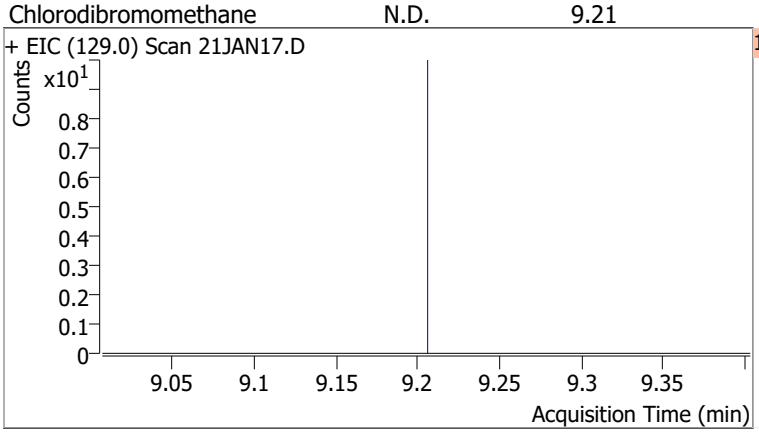


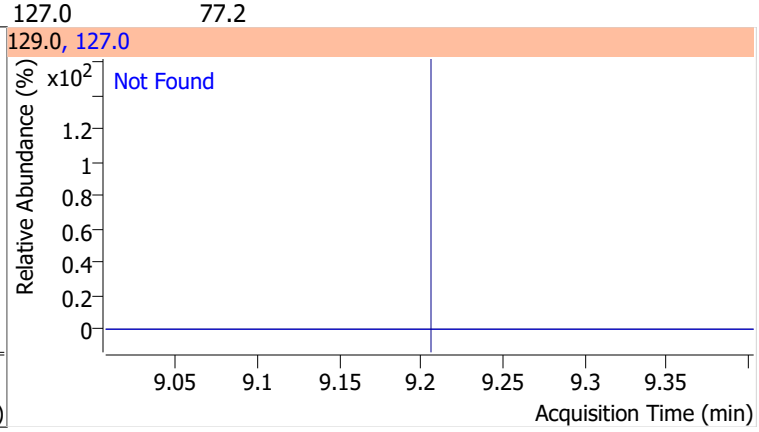
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



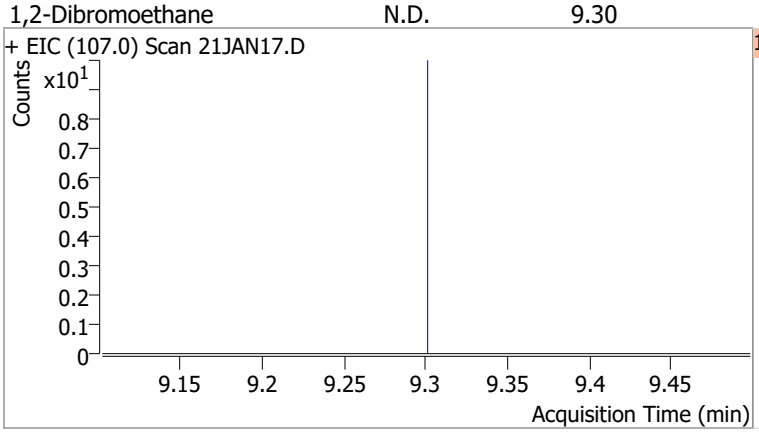


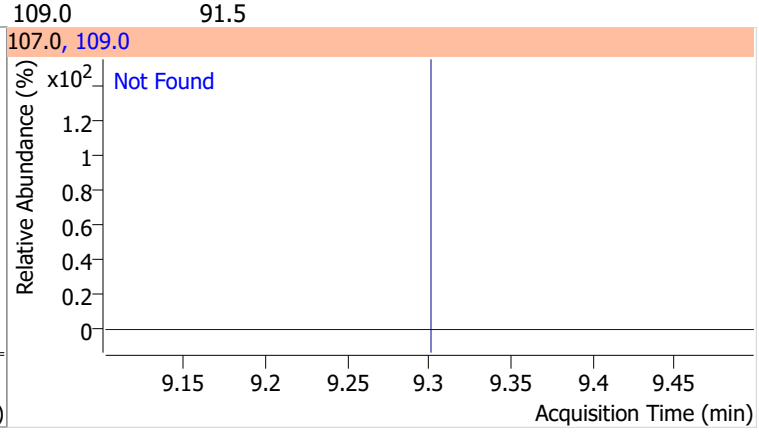
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



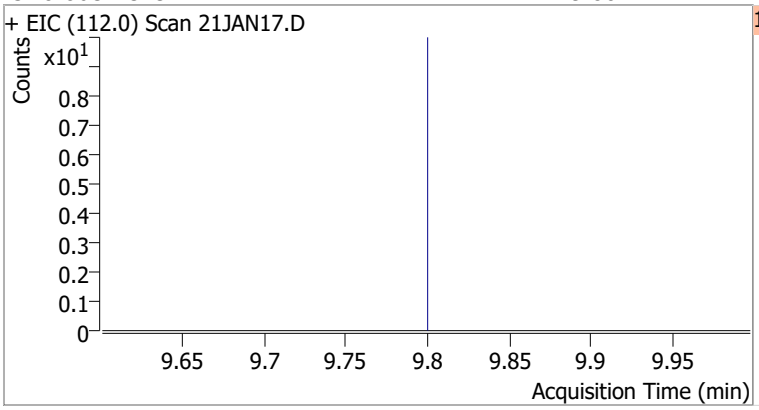


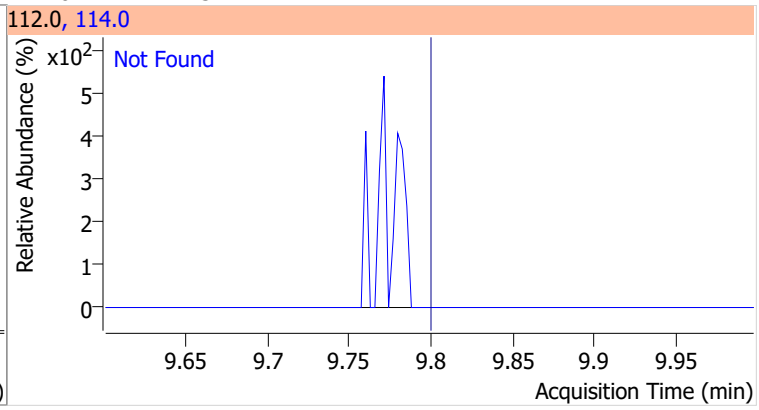
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



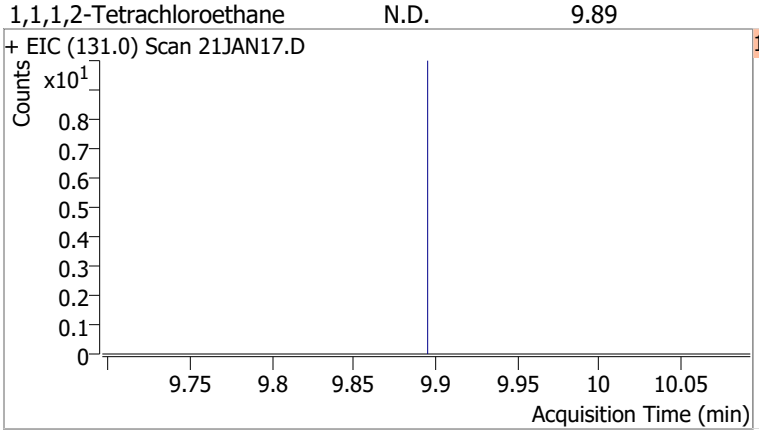


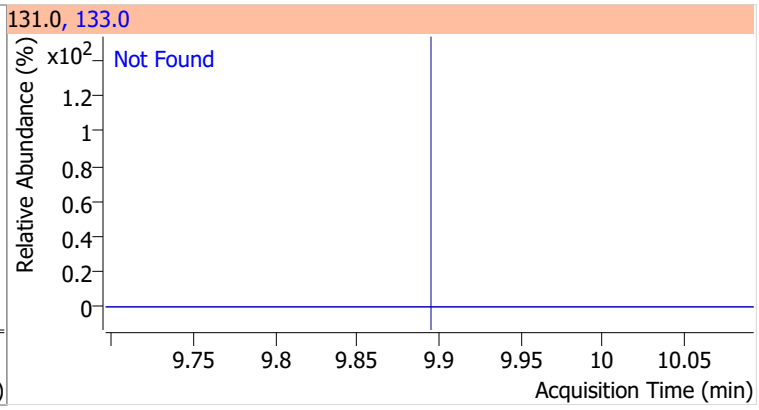
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



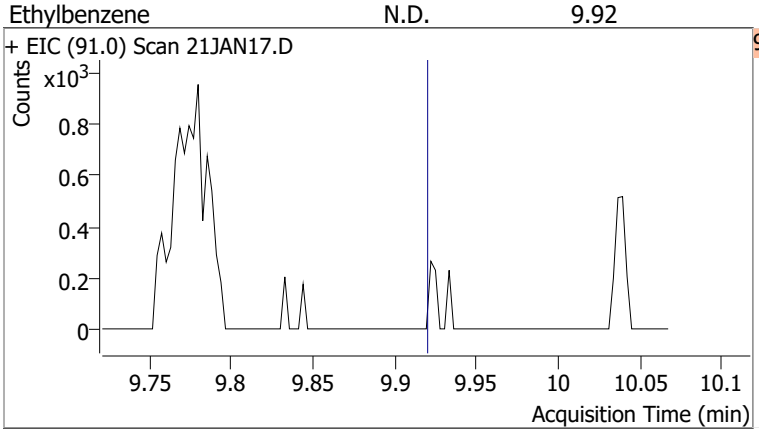


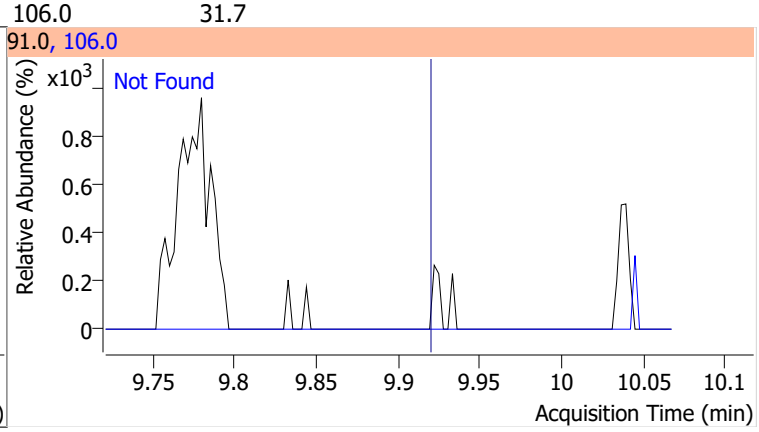
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



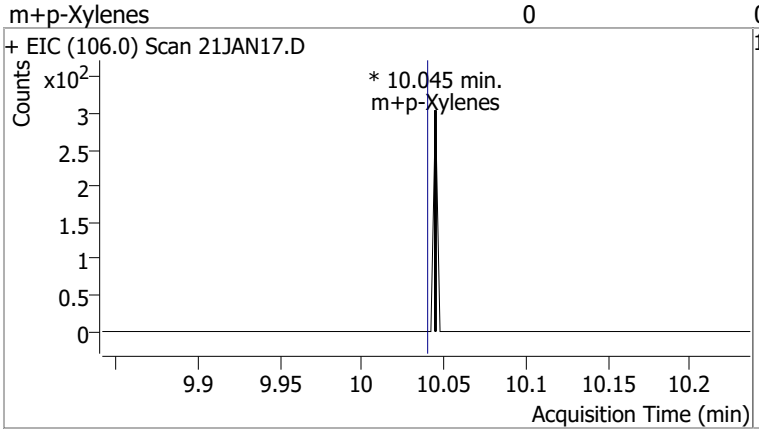


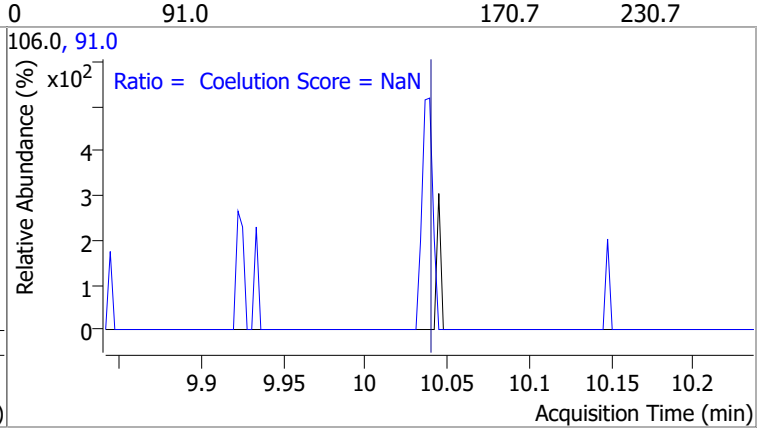
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



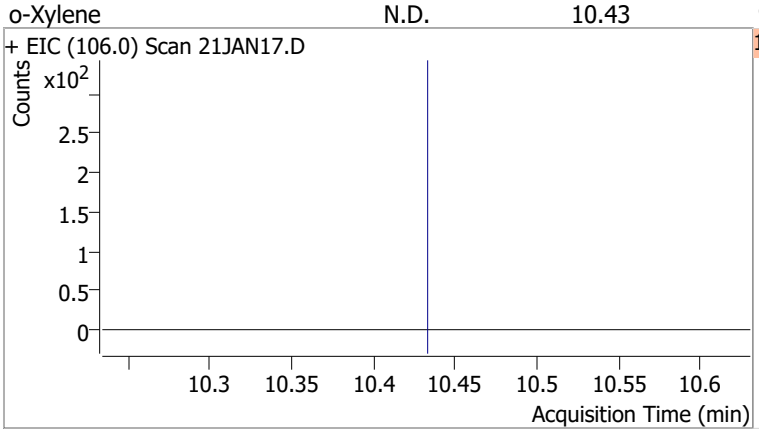


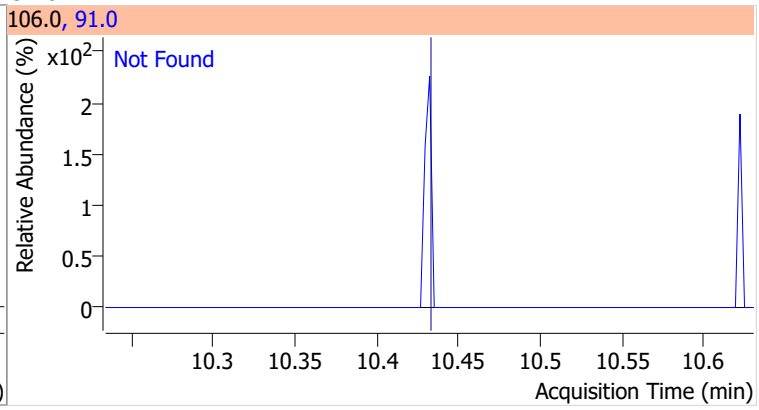
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		170.7	230.7



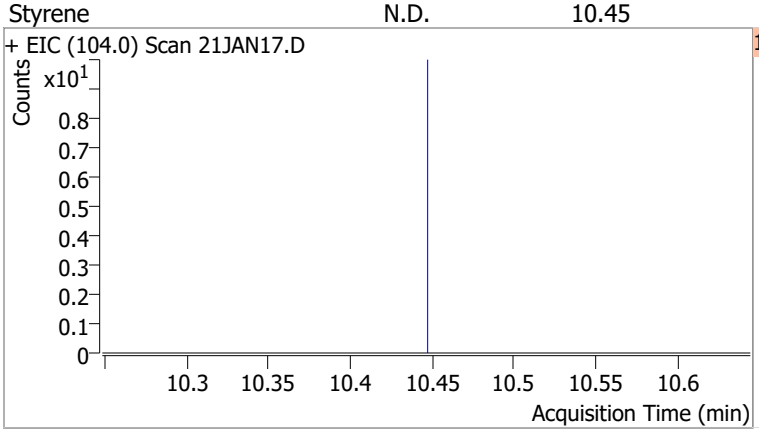


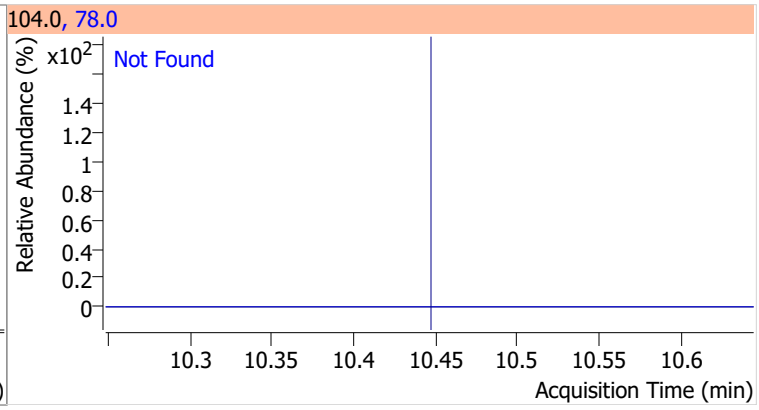
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



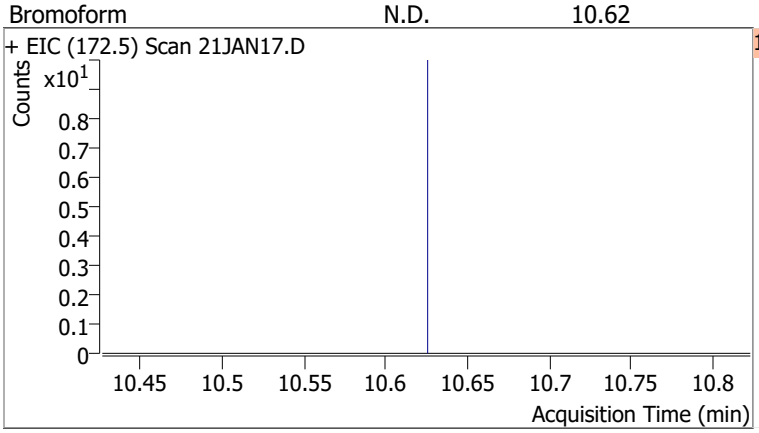


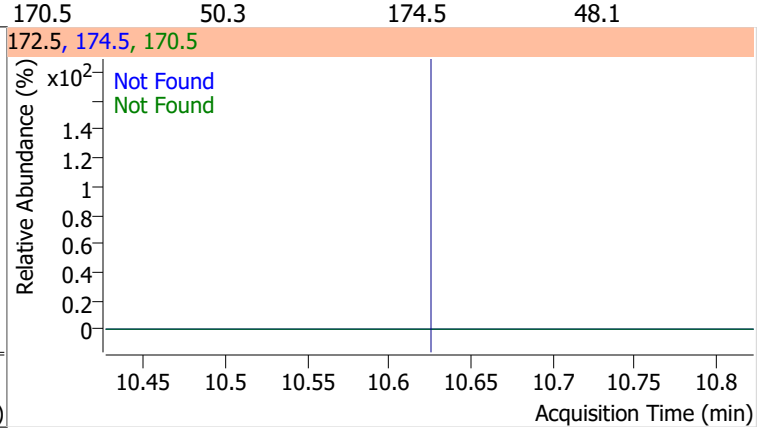
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



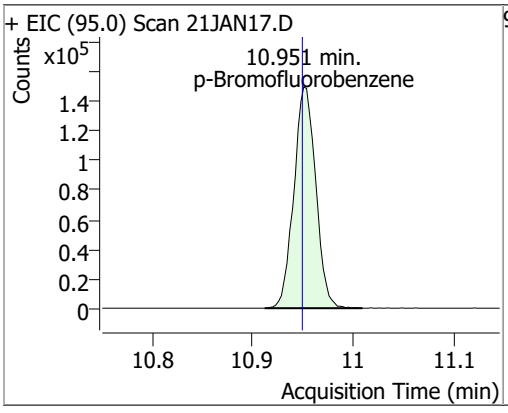


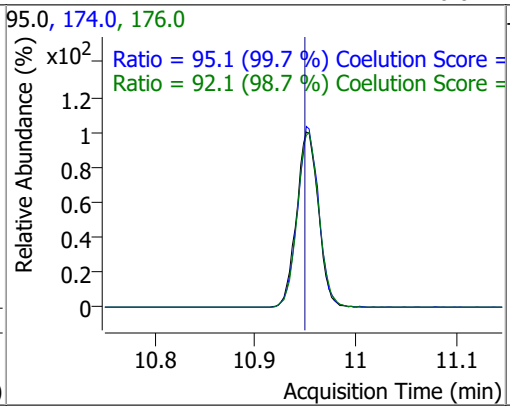
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

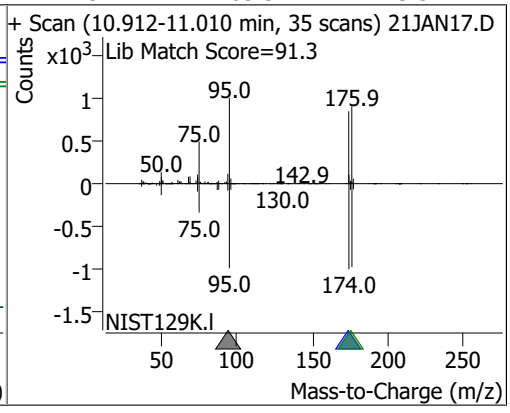




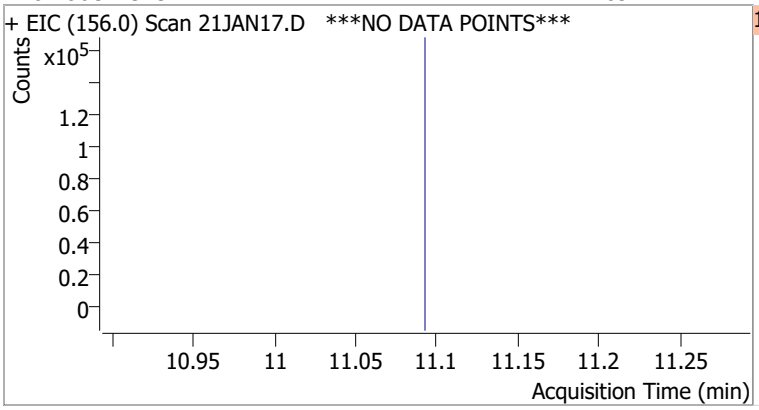
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.5779	10.95	0.00	227013	174.0	95.1	65.3	125.3
					176.0	92.1	63.3	123.3

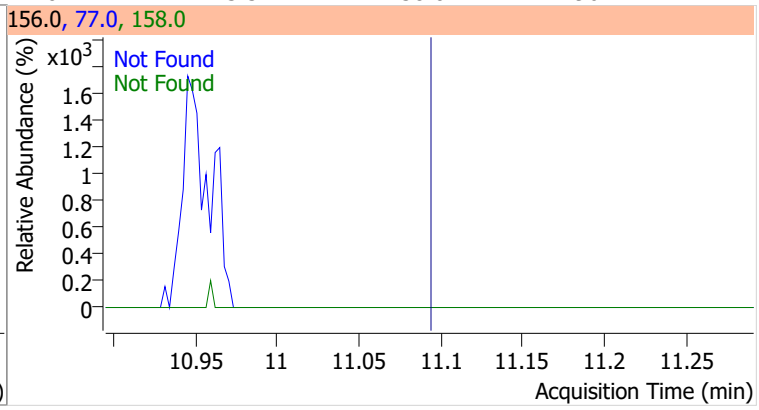




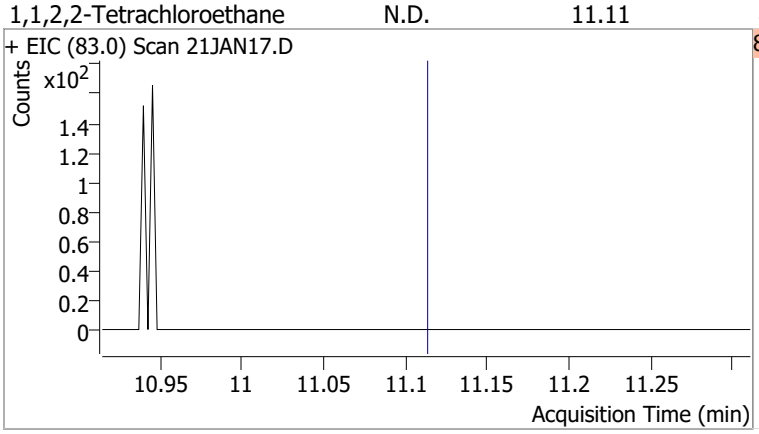


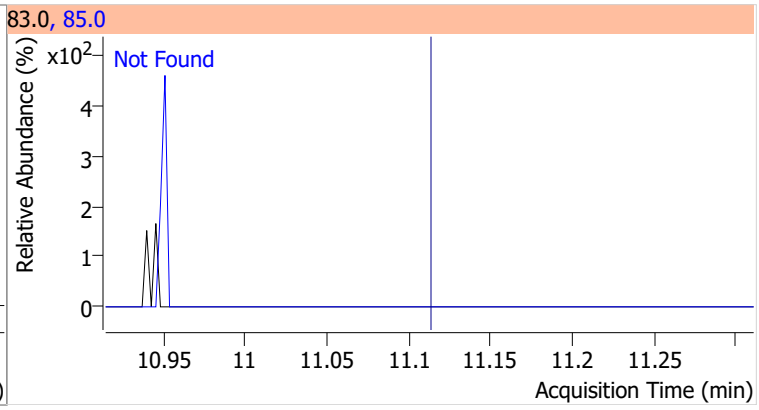
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



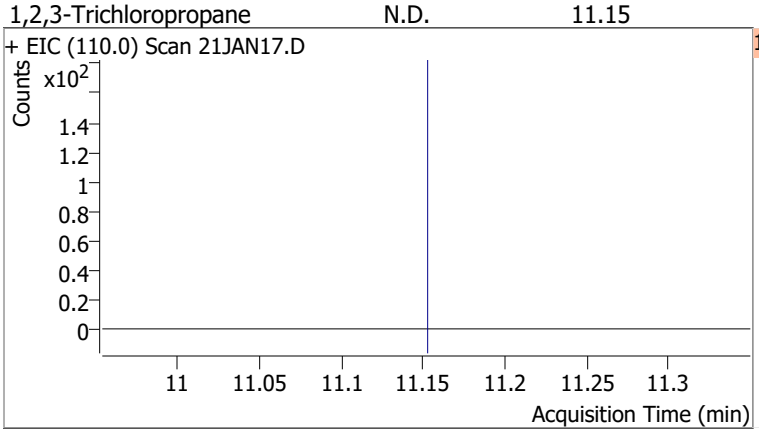


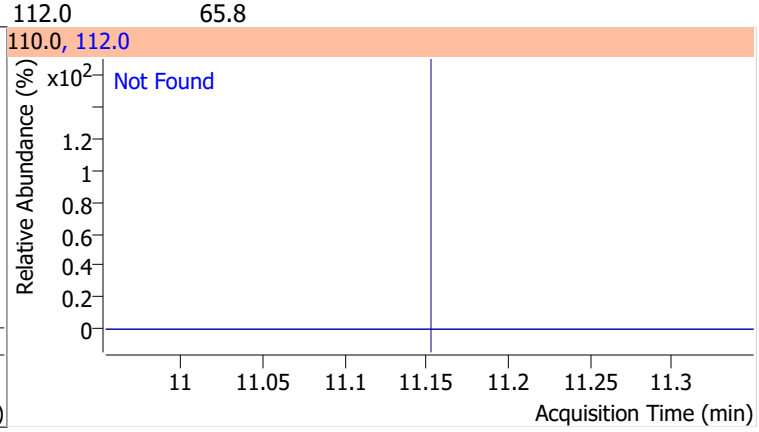
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



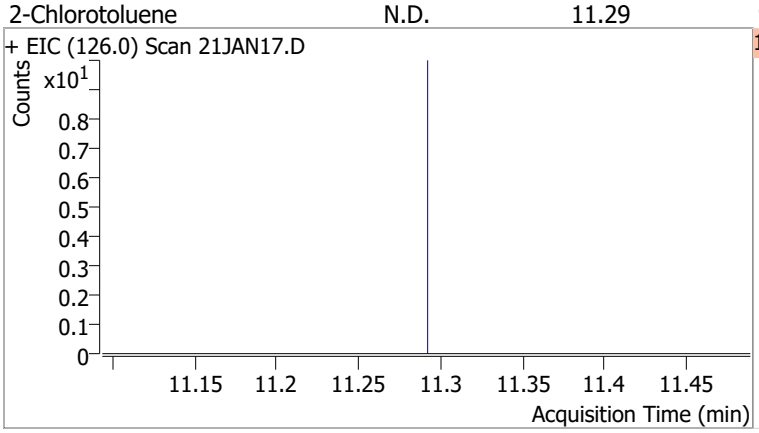


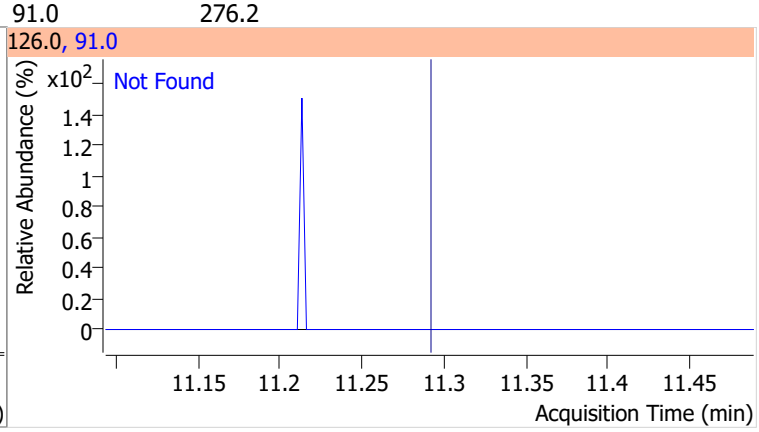
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



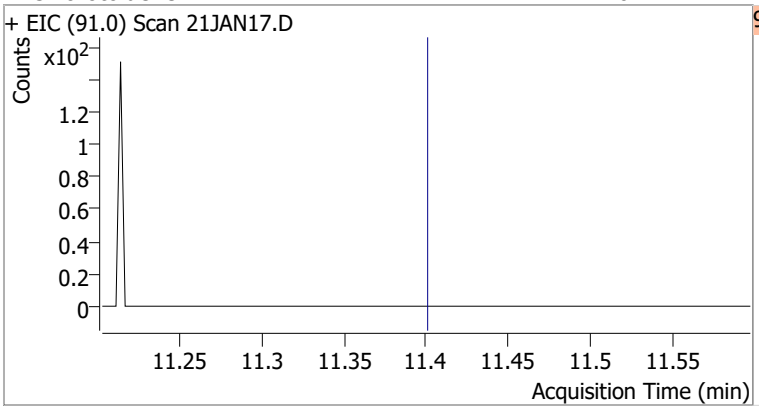


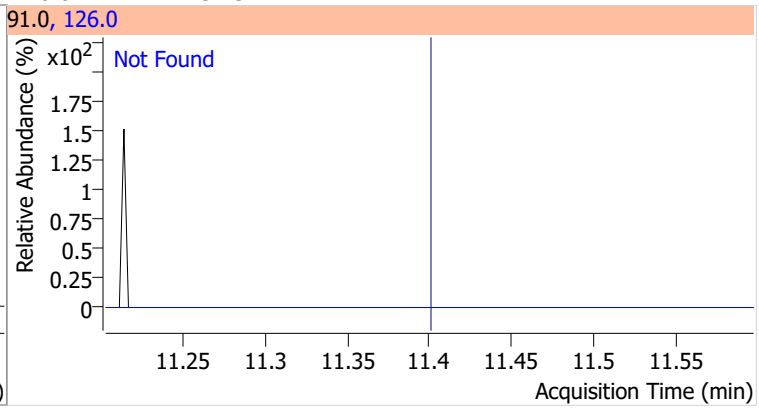
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



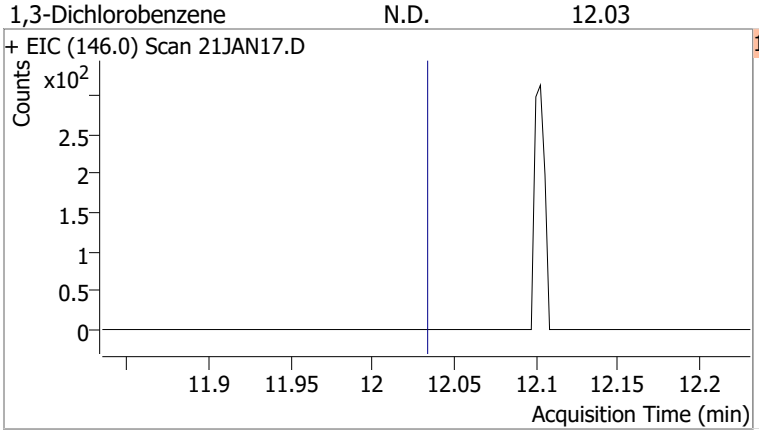


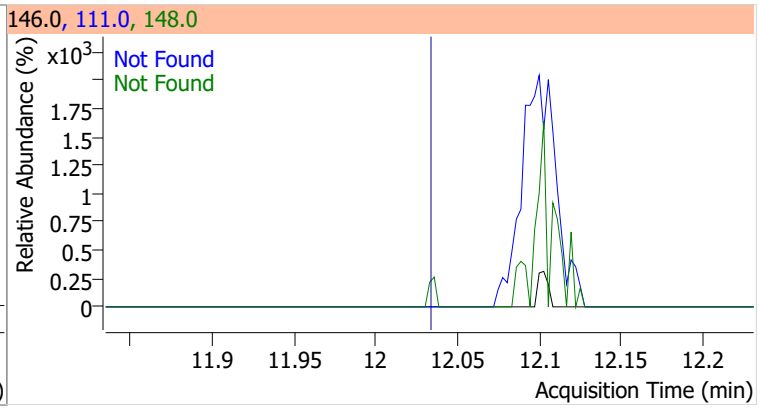
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



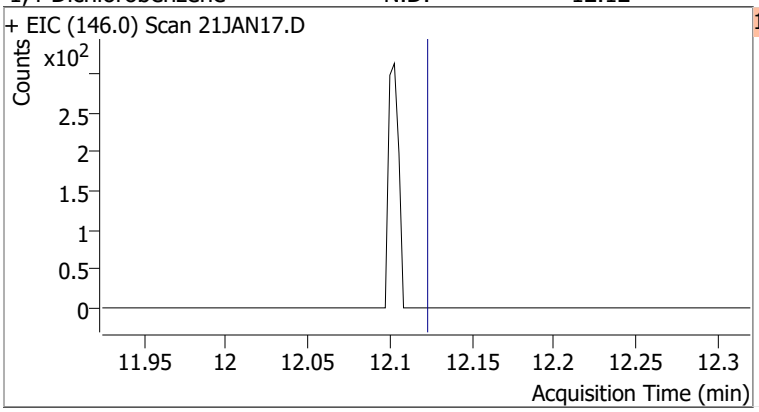


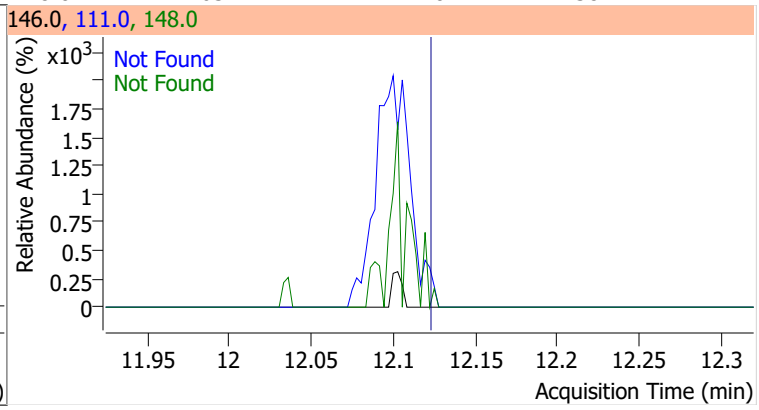
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



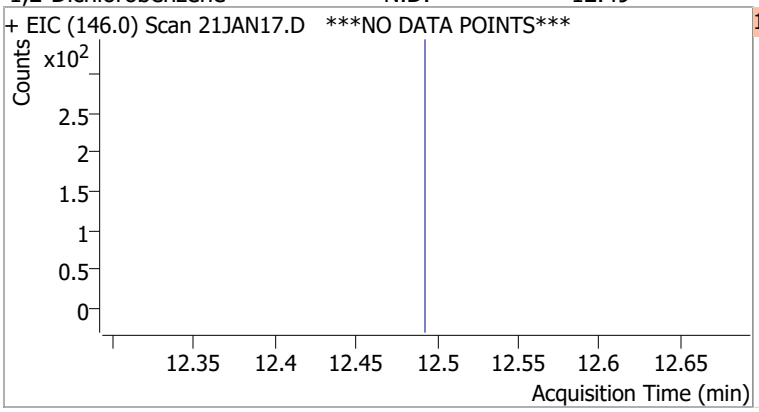


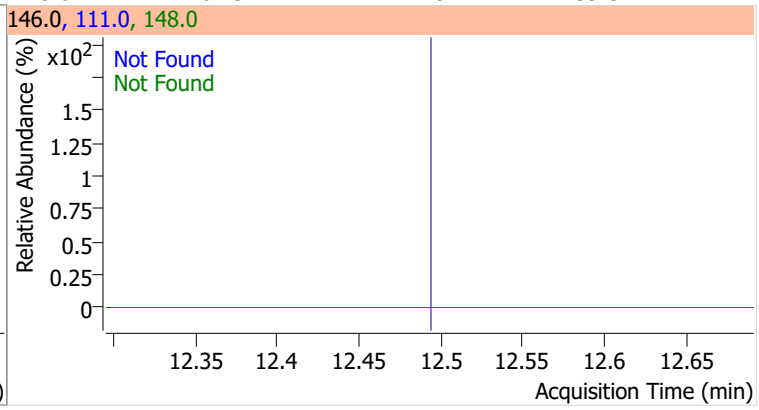
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





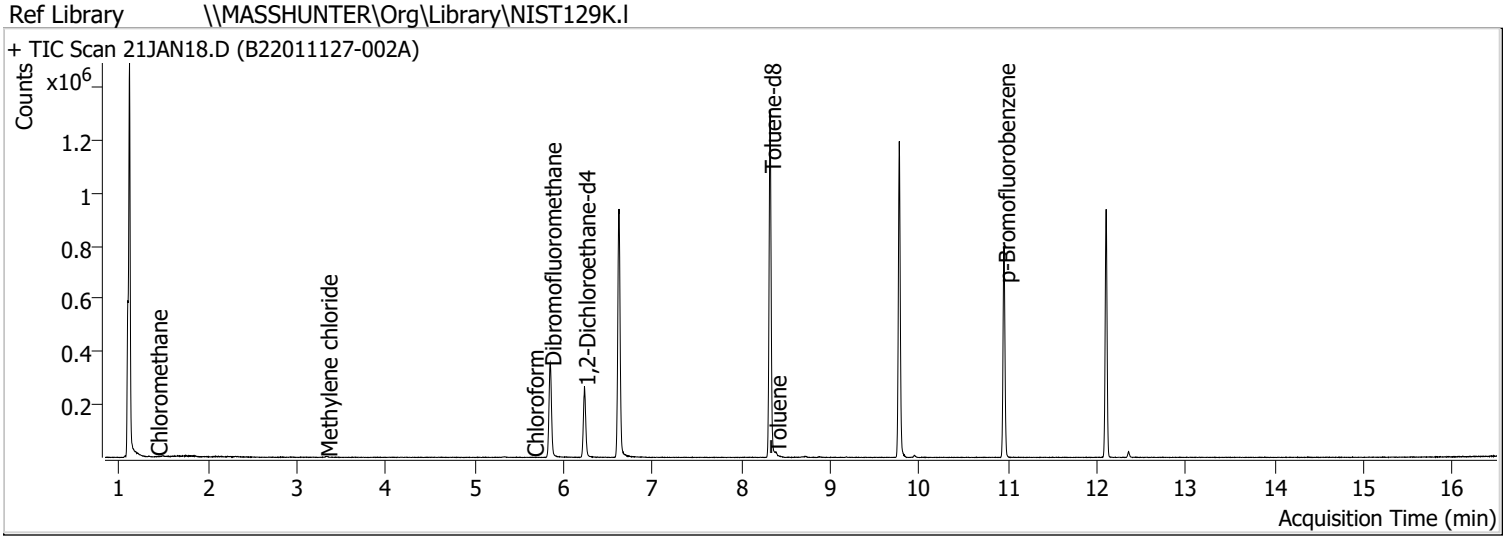
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN18.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 5:31:27 PM
Sample Name	B22011127-002A	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

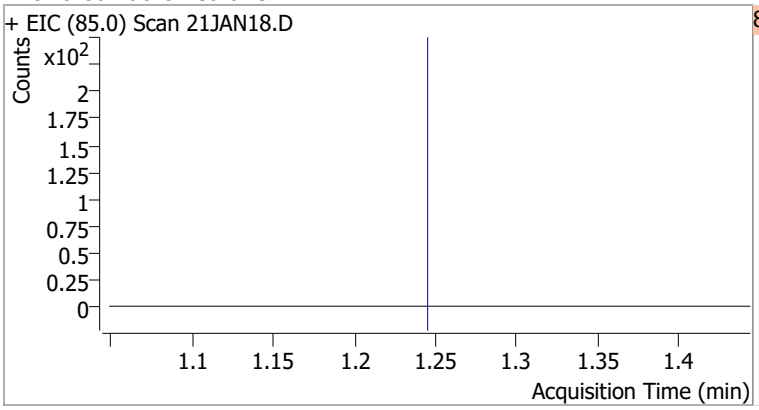


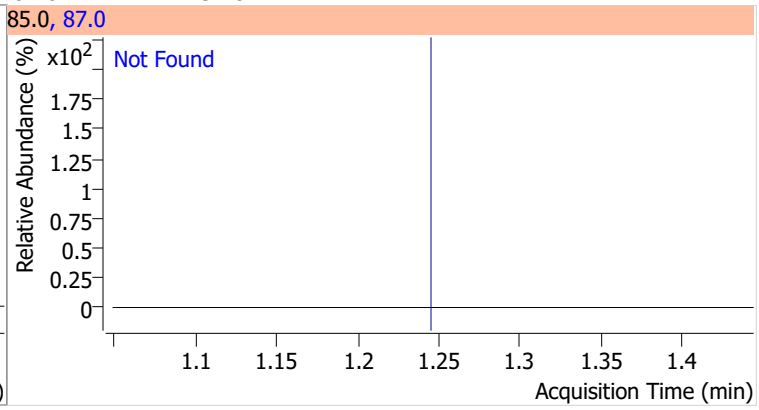
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.623	96.0	801392	250.0000	ng		0.003
M Chlorobenzene-d5	9.774	82.0	310407	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	227086	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	214646	276.5294	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 110.61%			
S 1,2-Dichloroethane-d4	6.233	67.0	89991	268.3863	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 107.35%			
S Toluene-d8	8.321	98.0	795292	262.6183	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.05%			
S p-Bromofluorobenzene	10.954	95.0	227442	271.2634	ng		0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.51%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.420	50.0	393	0.3094	ng	m	92
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	3.333	49.0	2231	1.9045	ng		91
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.653	83.0	87	0.0562	ng	m	95

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.383	92.0	3099	1.5353	ng	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.		

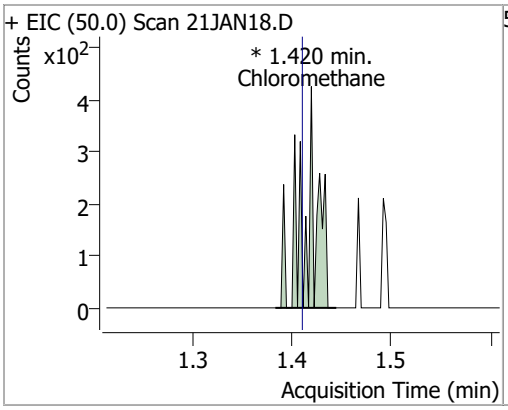
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

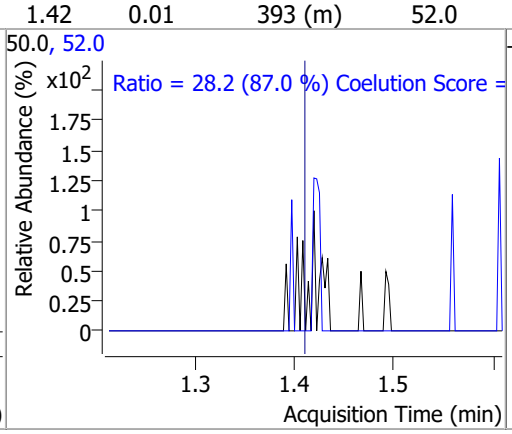
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

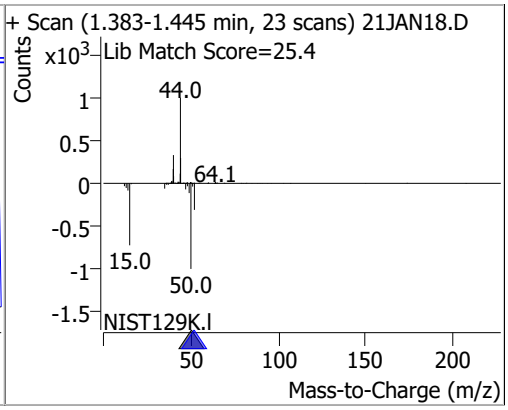




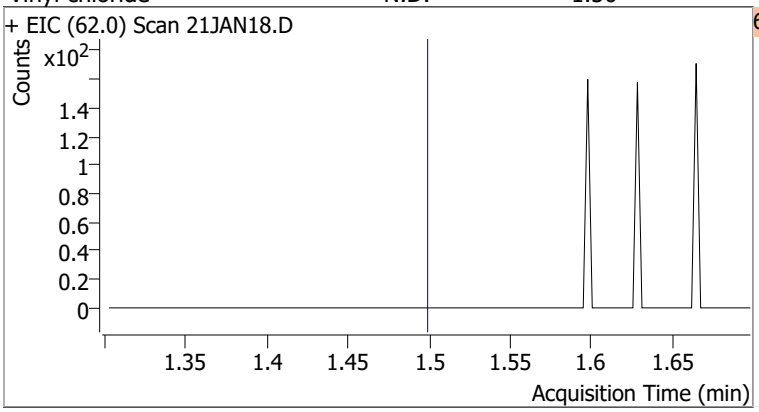
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.3094	1.42	0.01	393 (m)	52.0	28.2	2.4	62.4

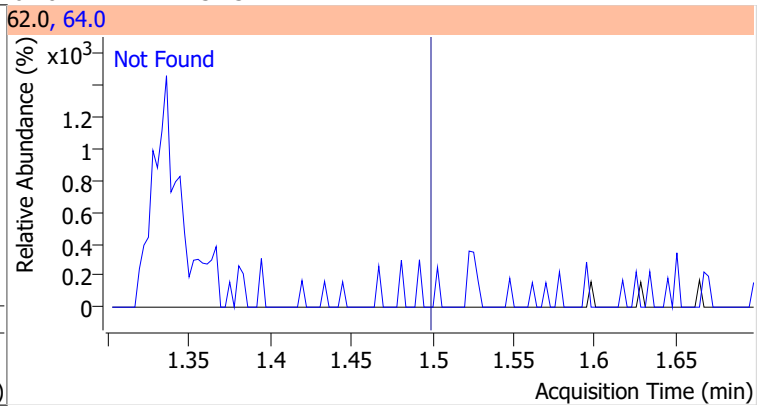




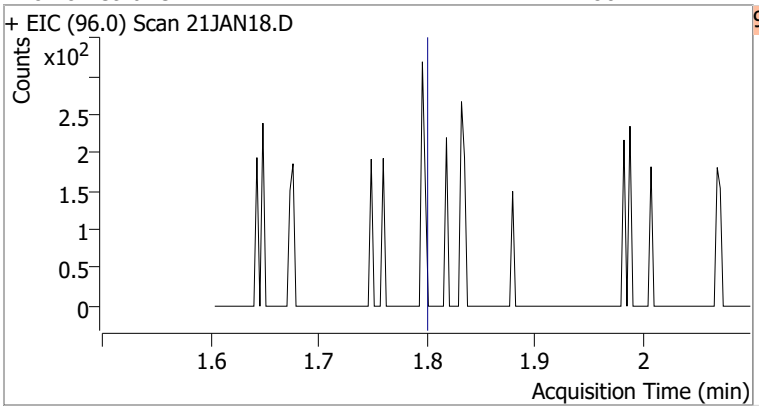


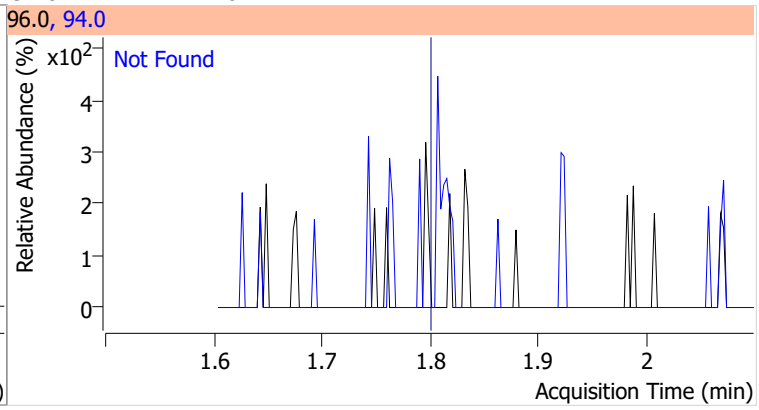
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



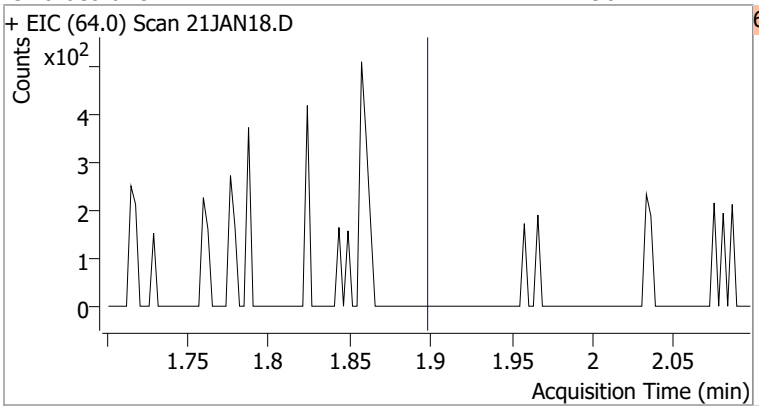


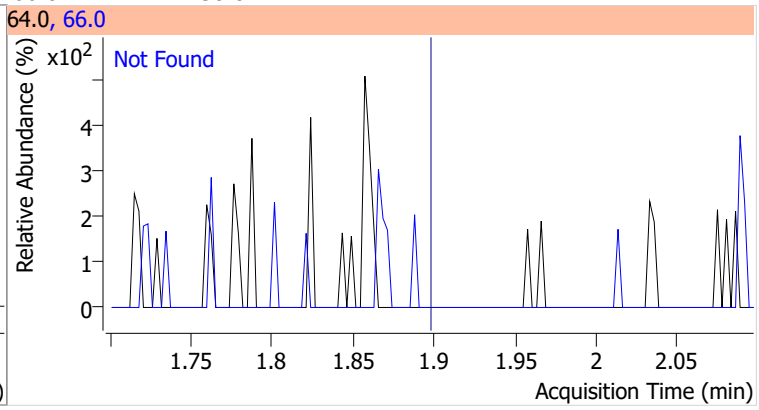
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



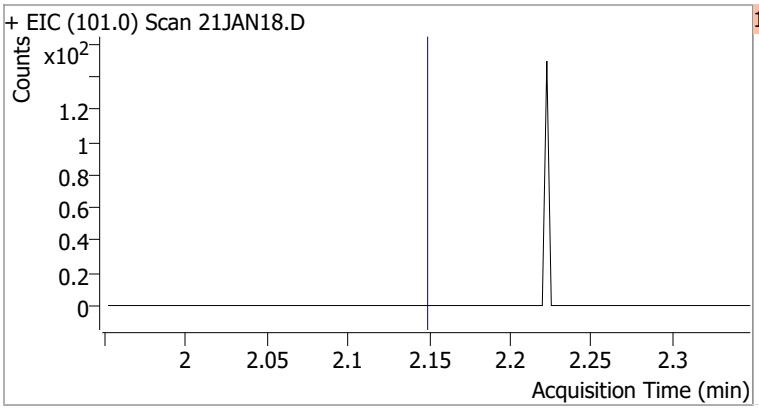


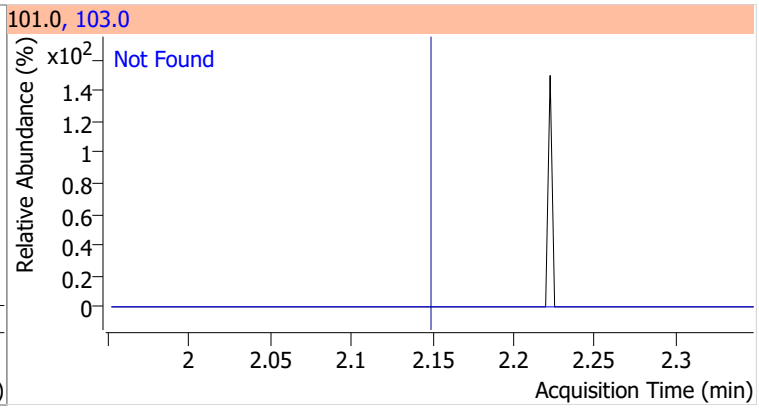
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



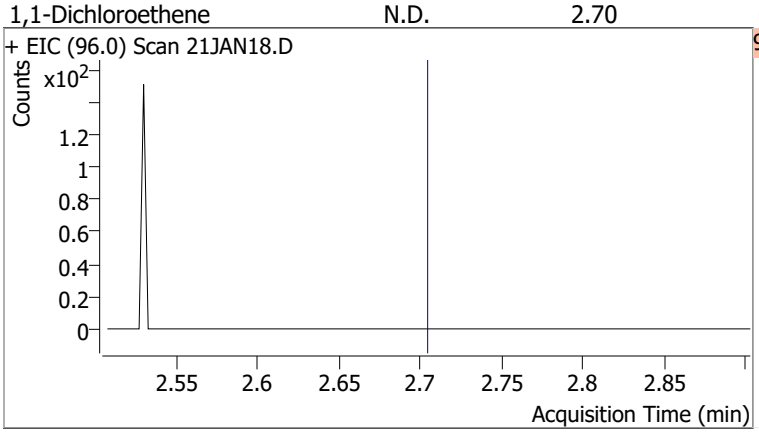


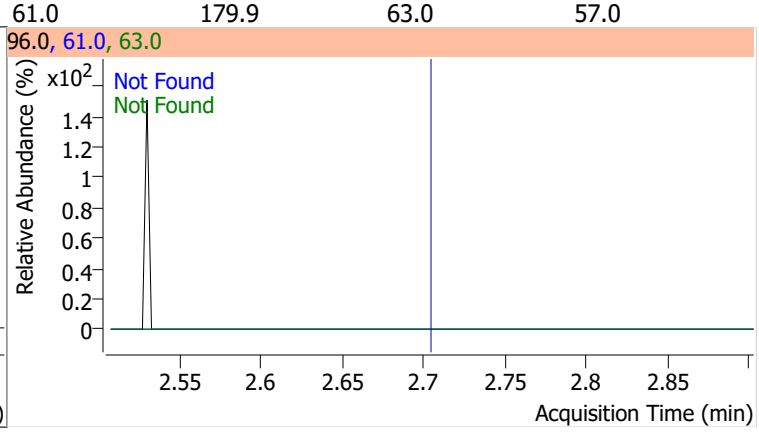
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



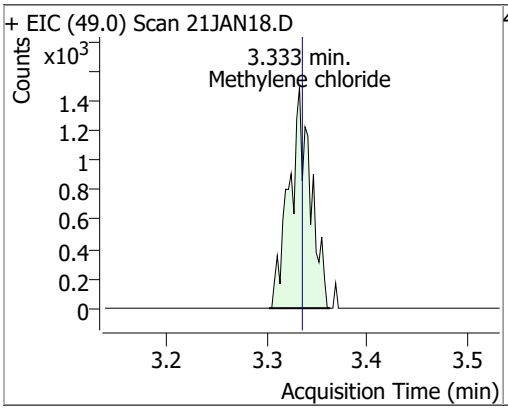


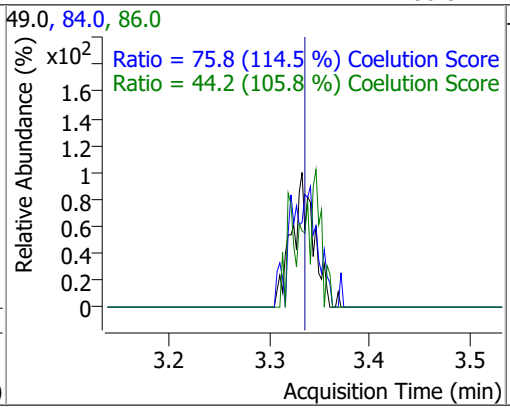
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

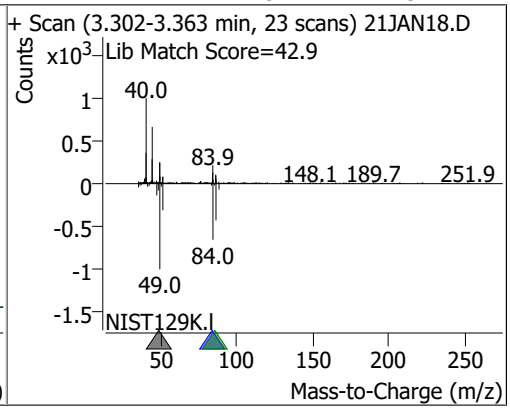




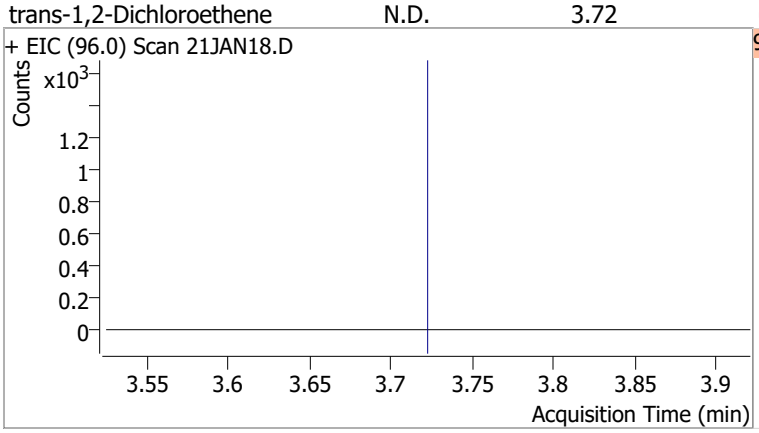
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.9045	3.33	0.00	2231	84.0	75.8	36.1	96.1
					86.0	44.2	11.8	71.8

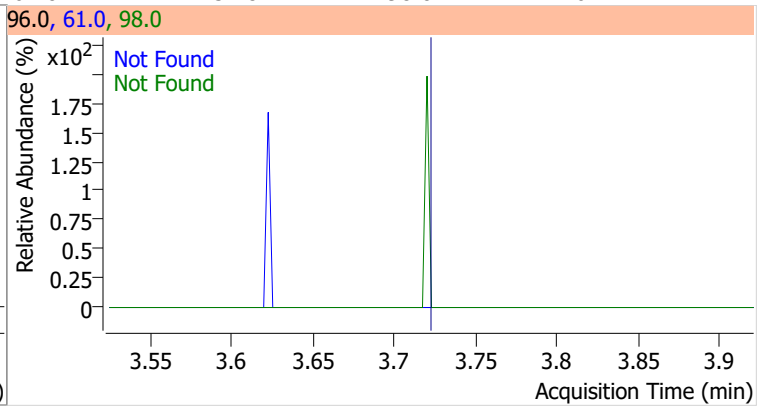




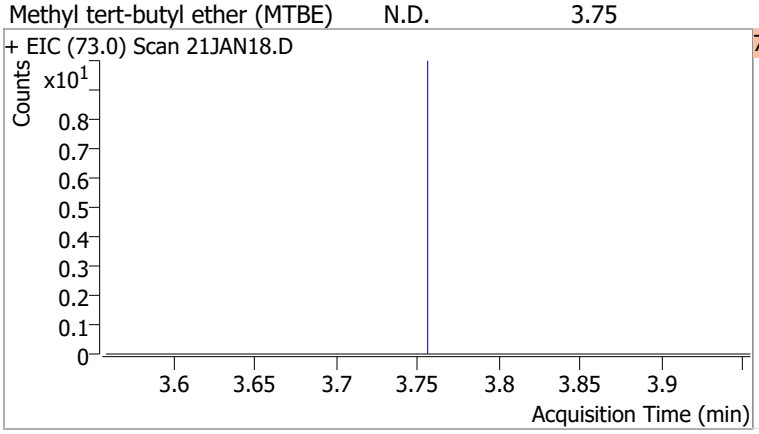


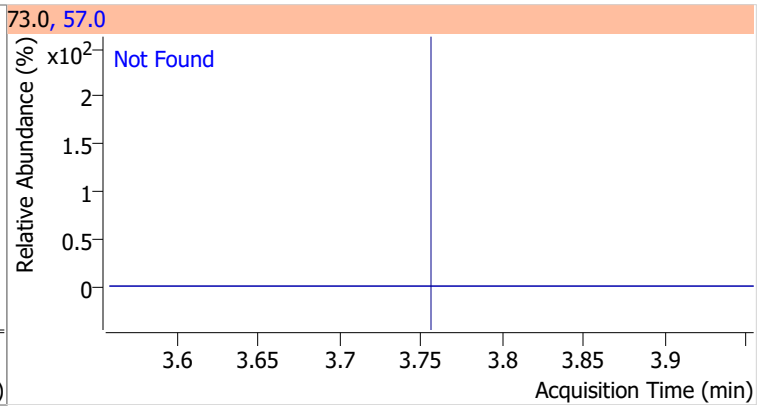
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



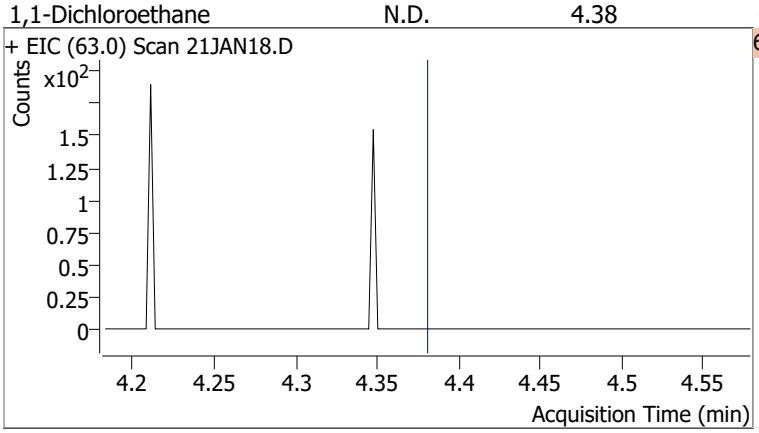


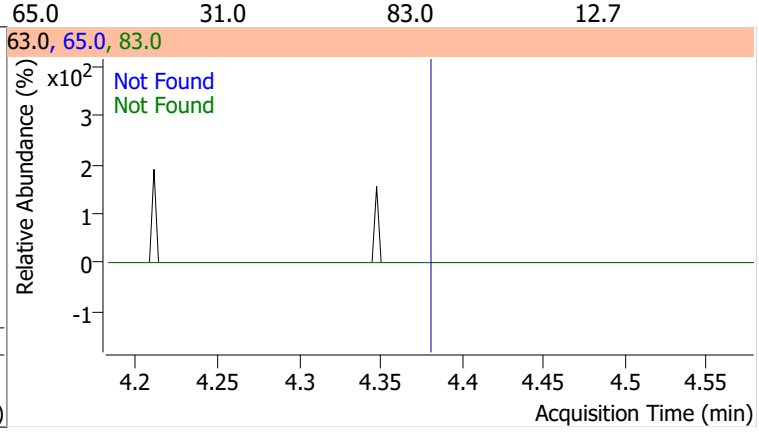
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



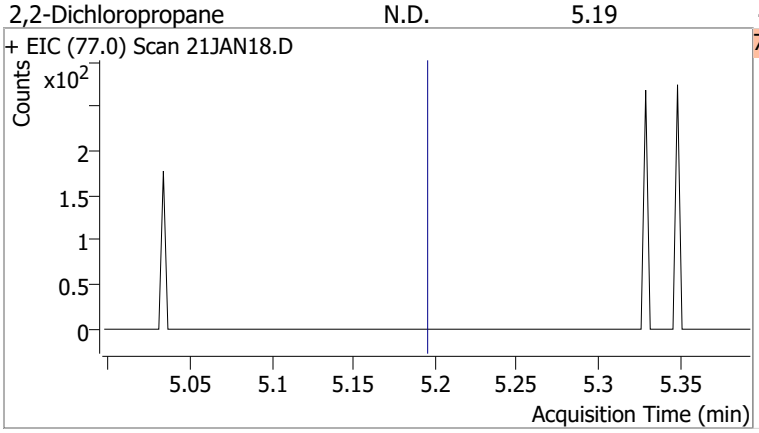


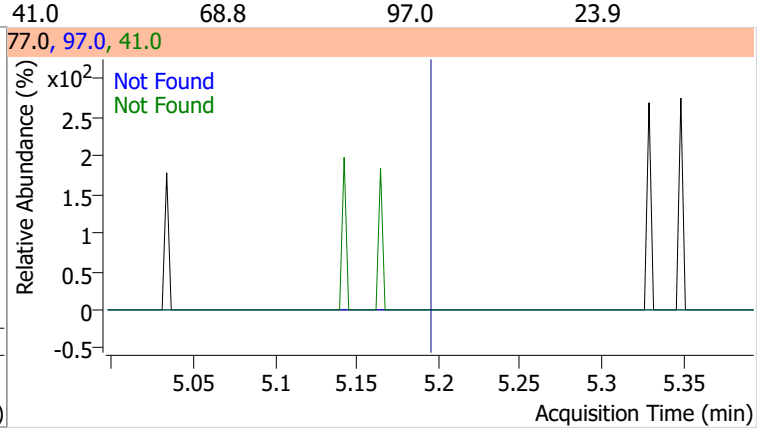
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



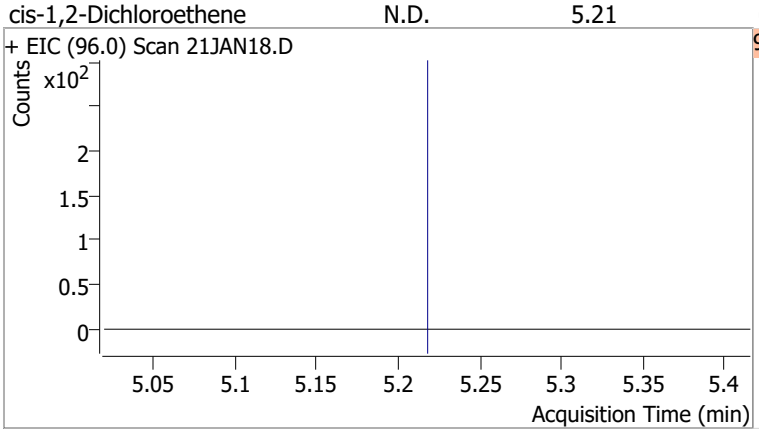


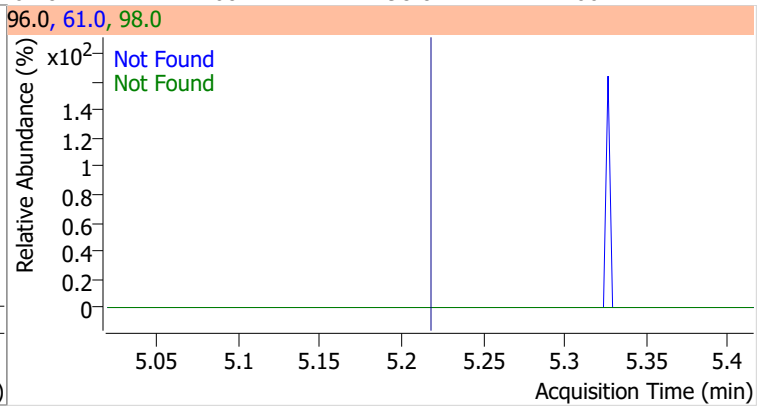
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



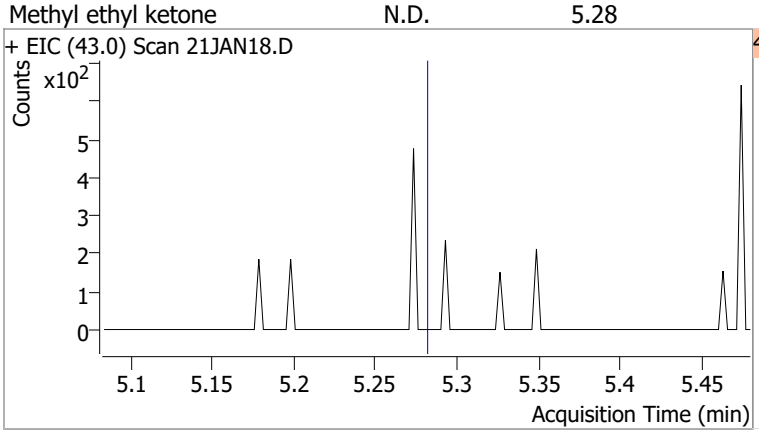


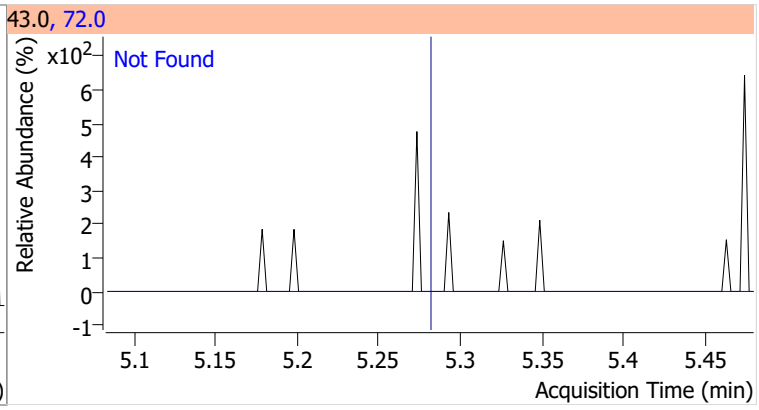
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



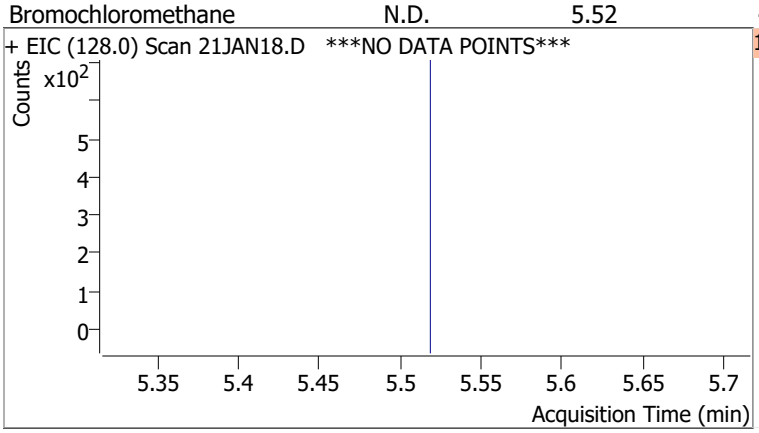


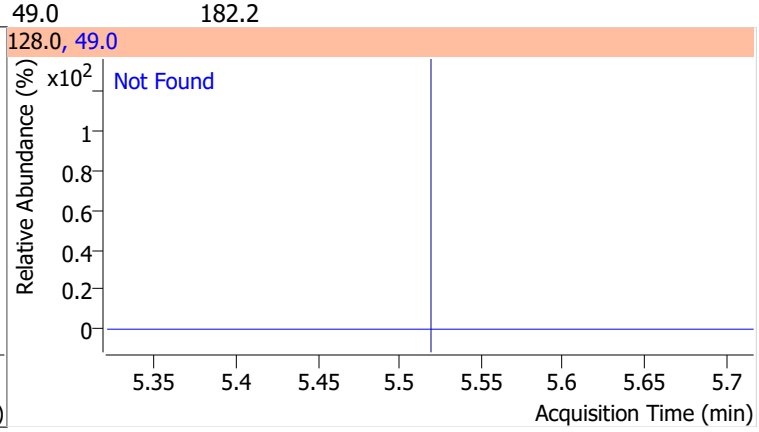
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



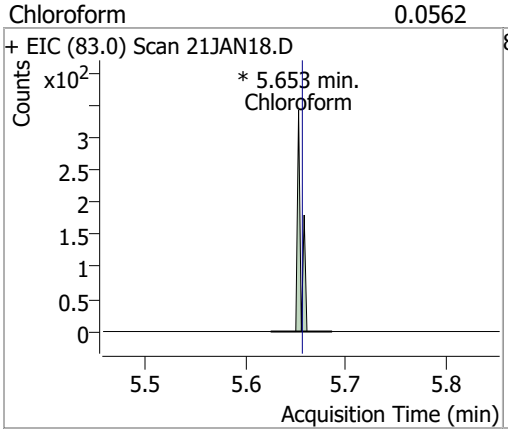


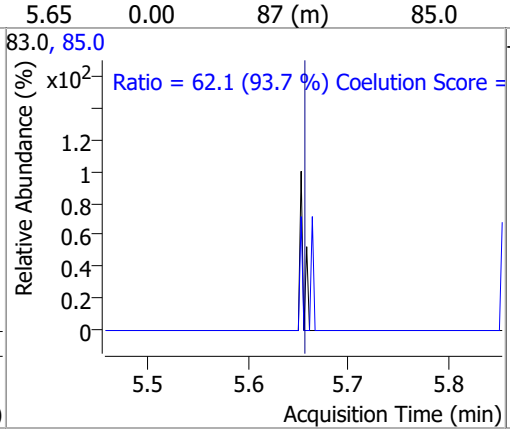
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

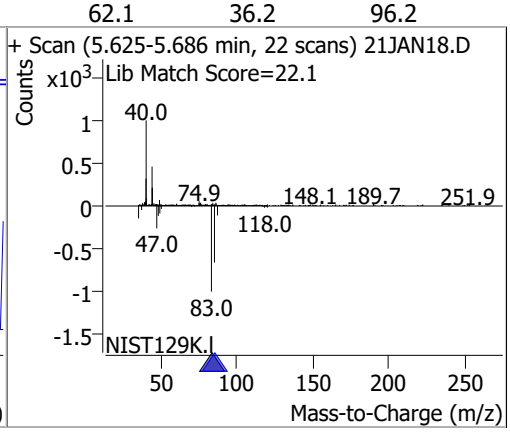




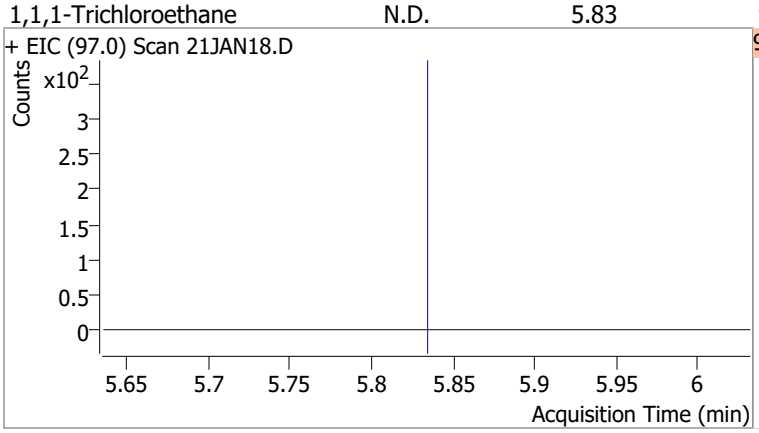
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.0562	5.65	0.00	87 (m)	85.0	62.1	36.2	96.2

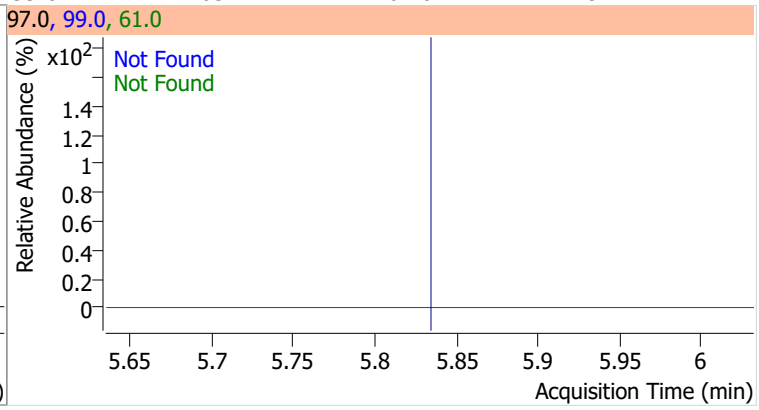




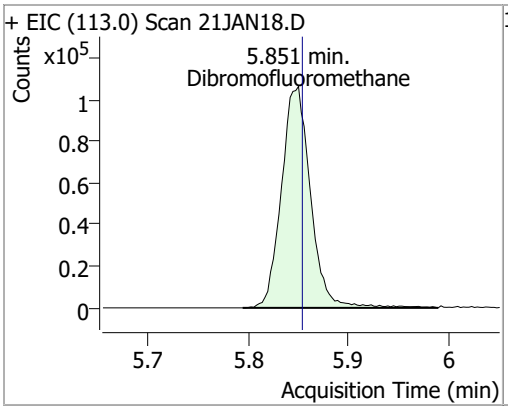


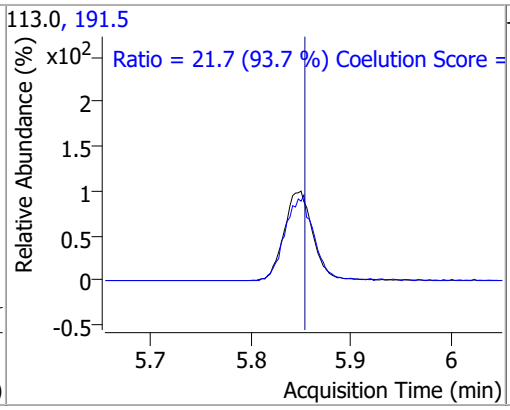
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

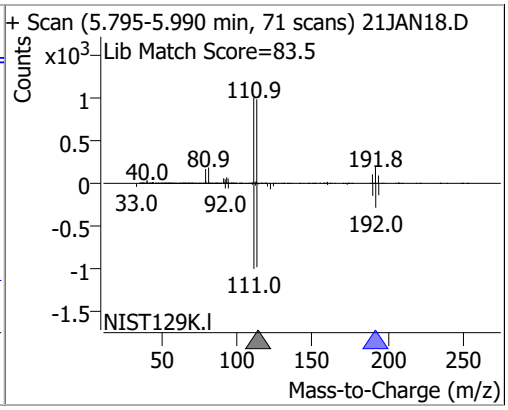




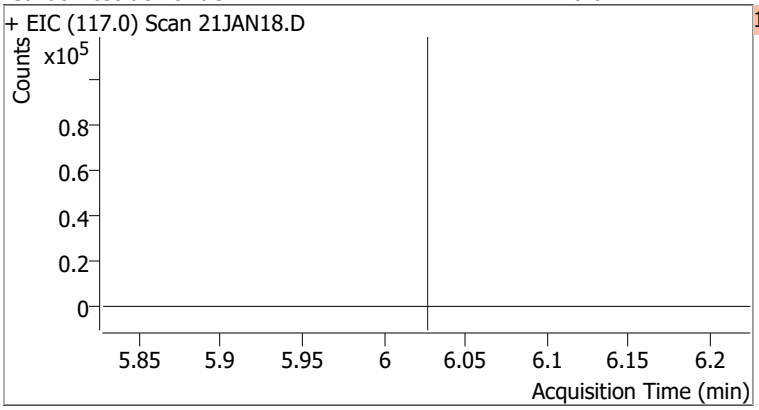
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	276.5294	5.85	0.00	214646	191.5	21.7	0.0	53.2

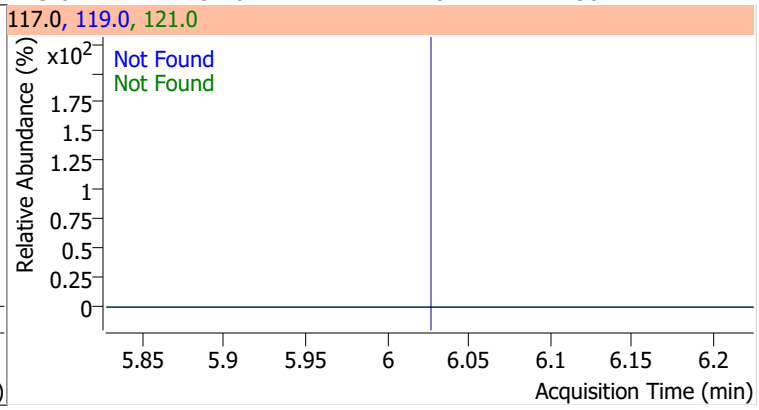




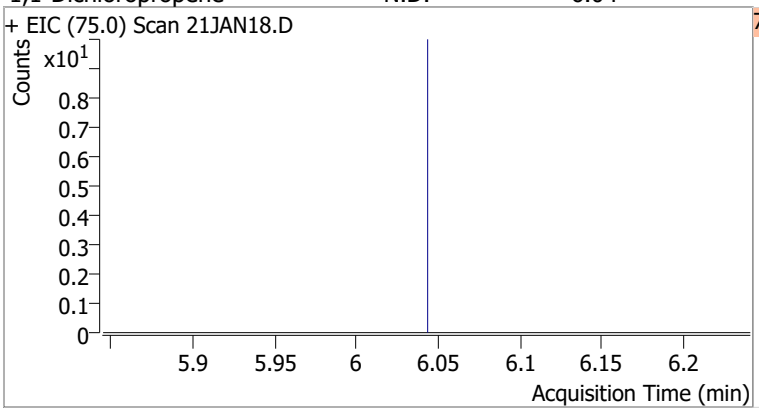


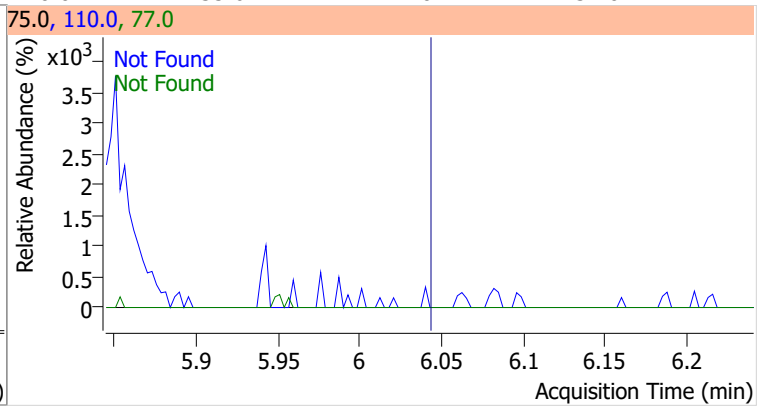
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



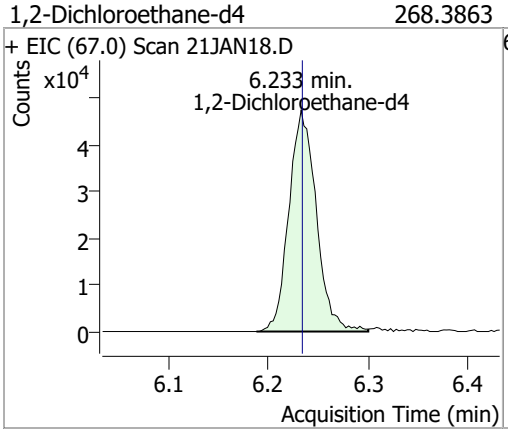


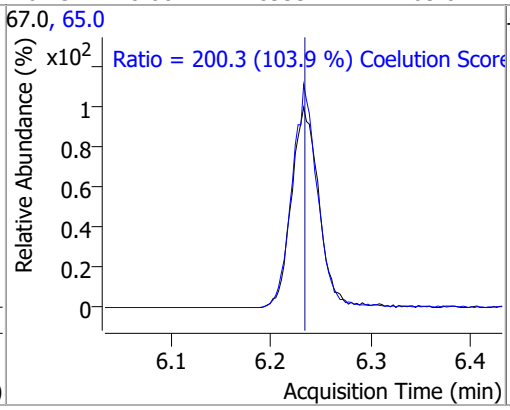
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

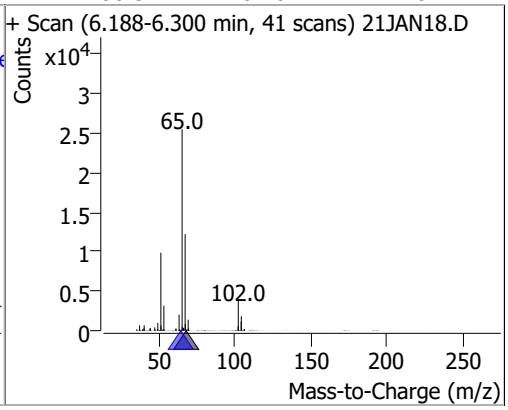




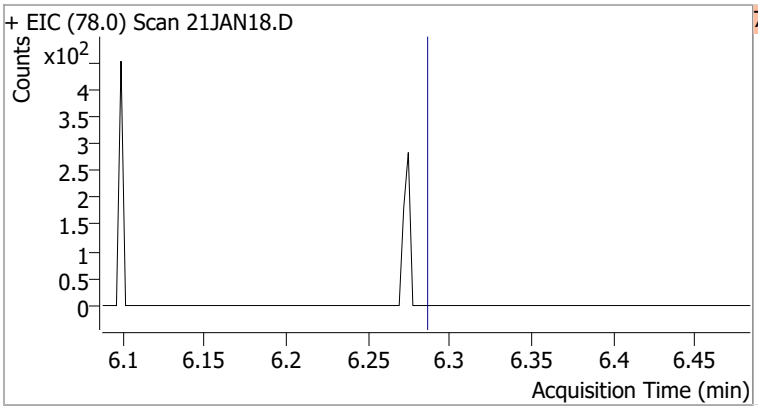
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	268.3863	6.23	0.00	89991	65.0	200.3	162.8	222.8

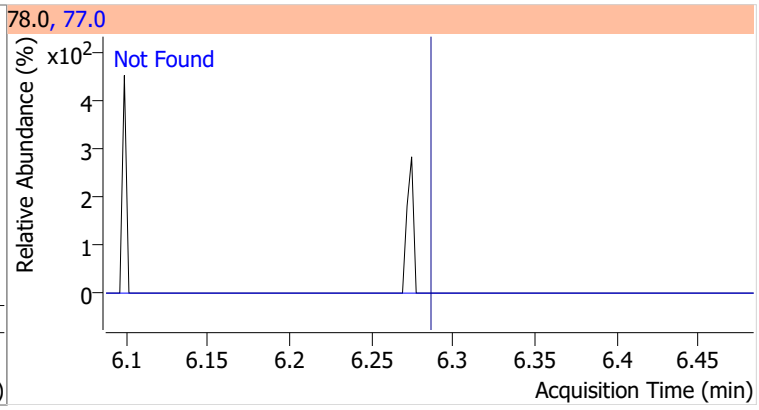




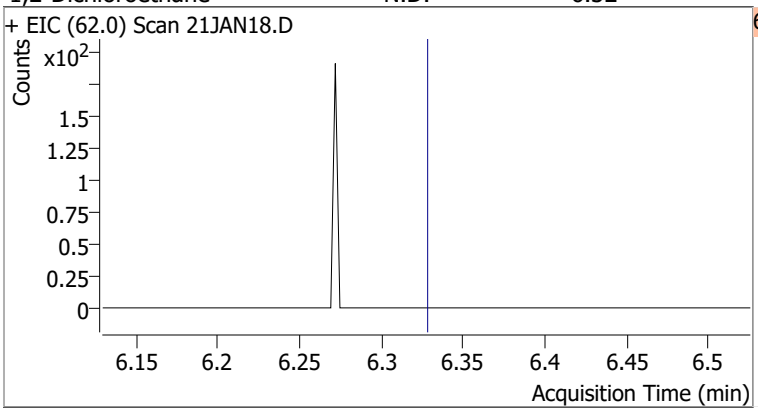


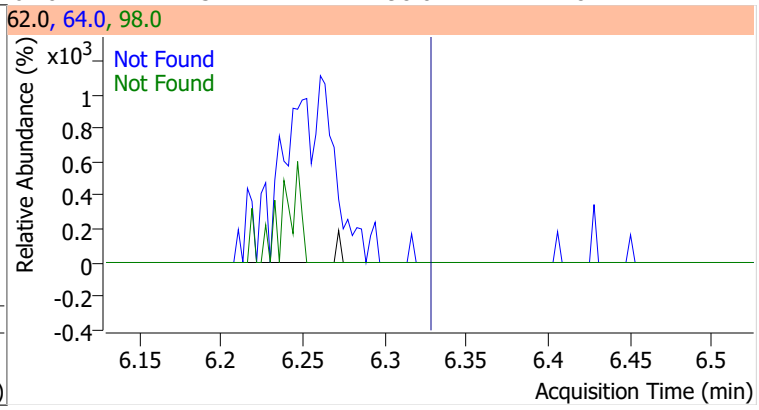
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



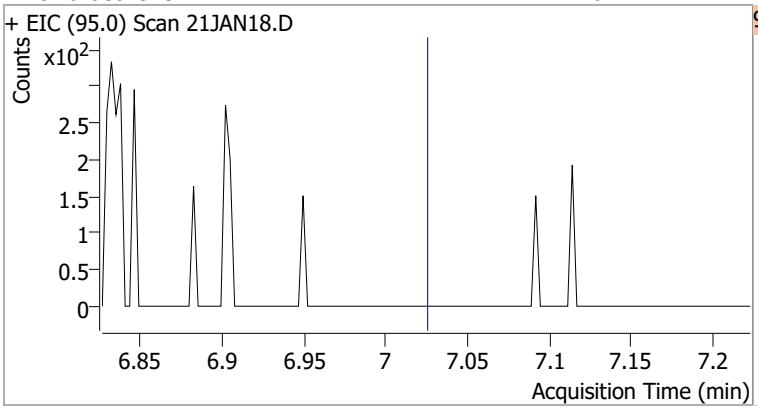


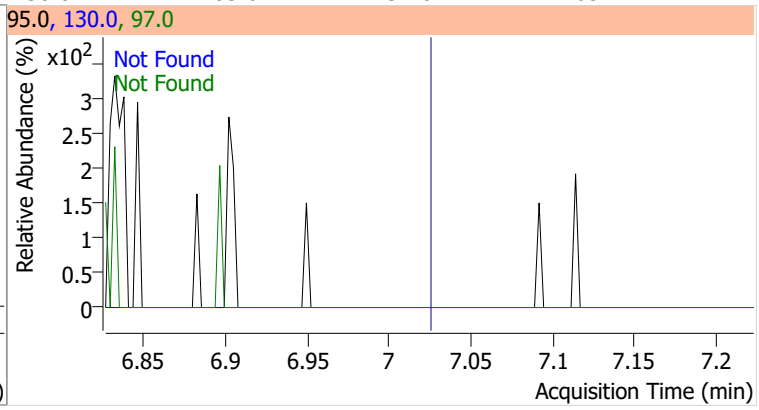
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



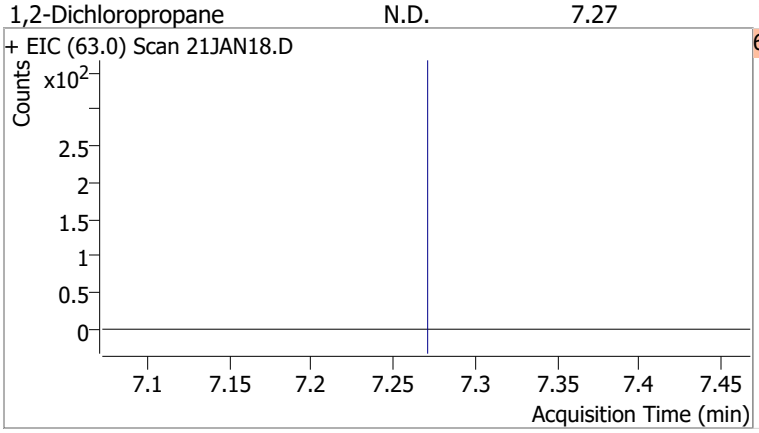


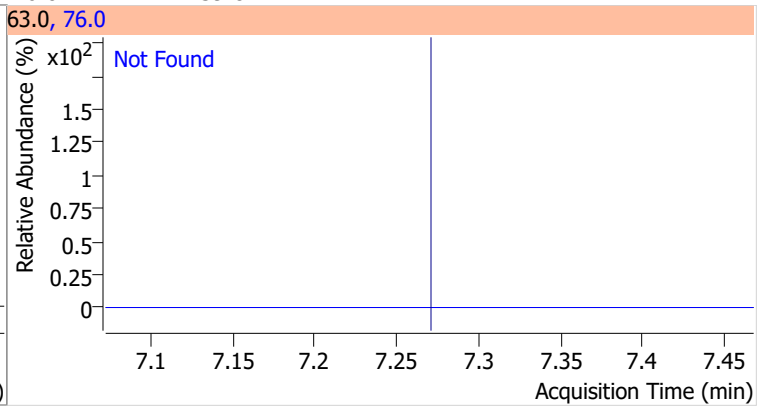
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



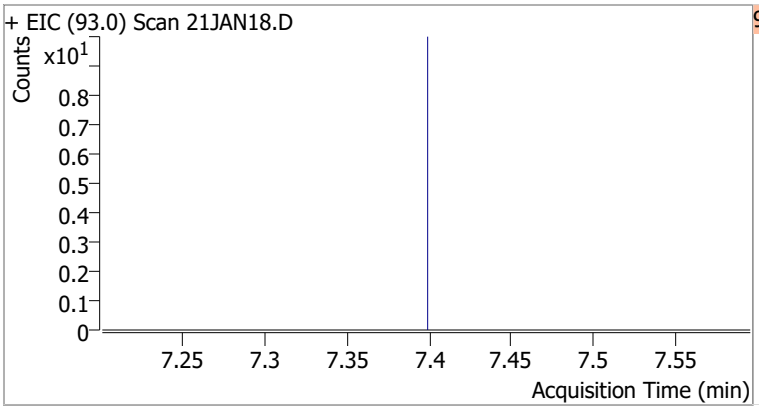


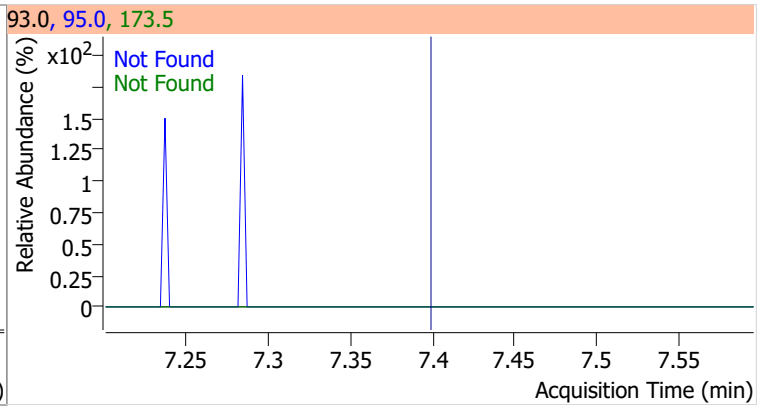
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



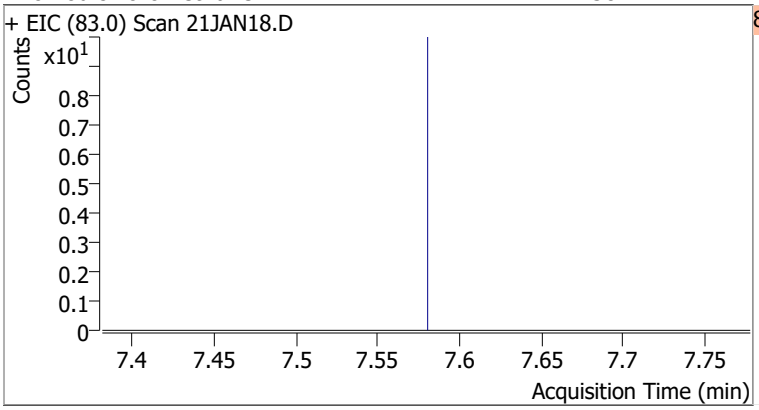


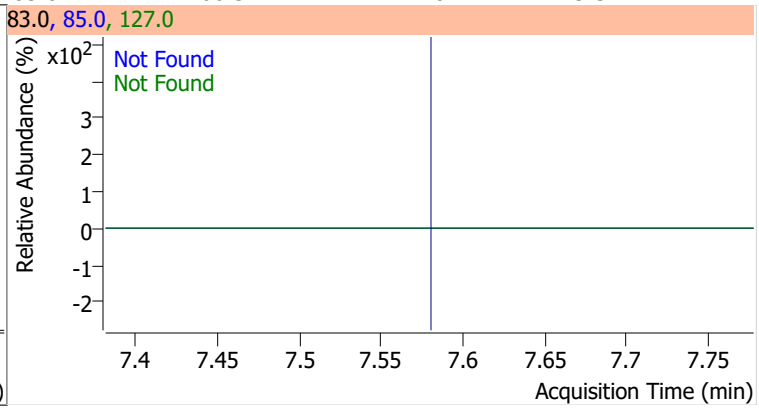
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



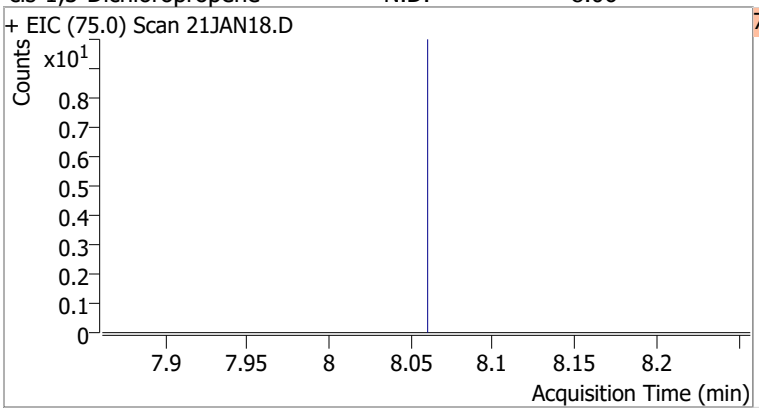


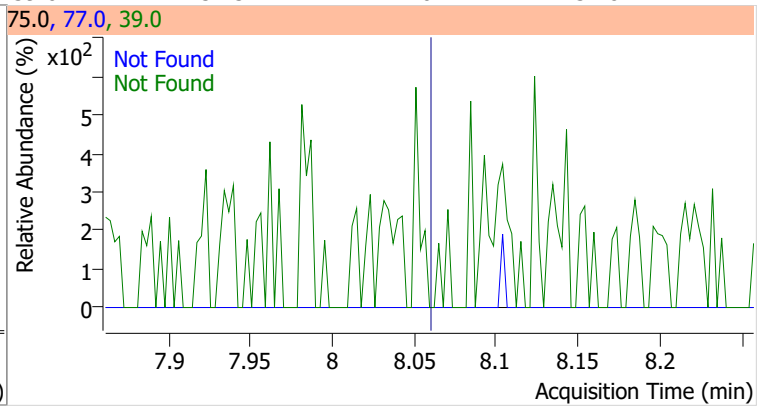
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



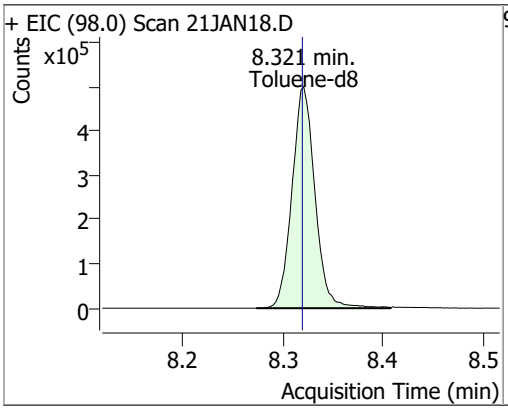


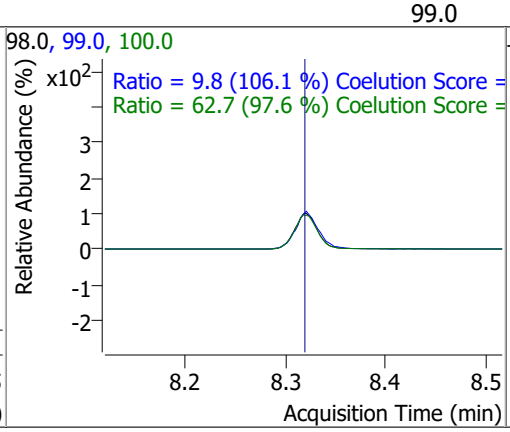
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

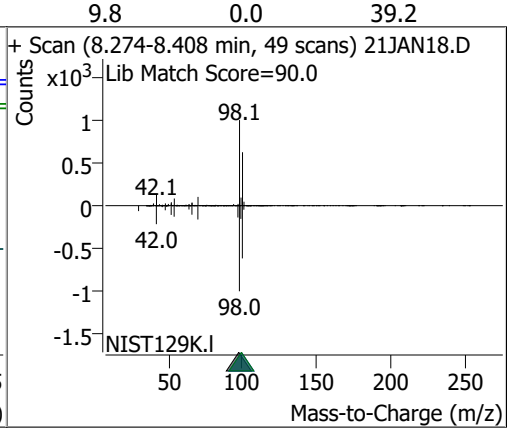




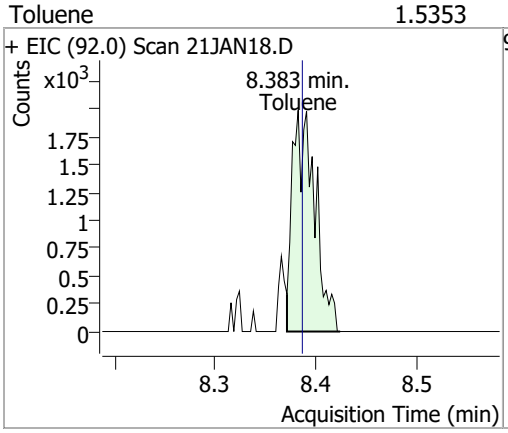
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	262.6183	8.32	0.00	795292	100.0	62.7	34.3	94.3
					99.0	9.8	0.0	39.2

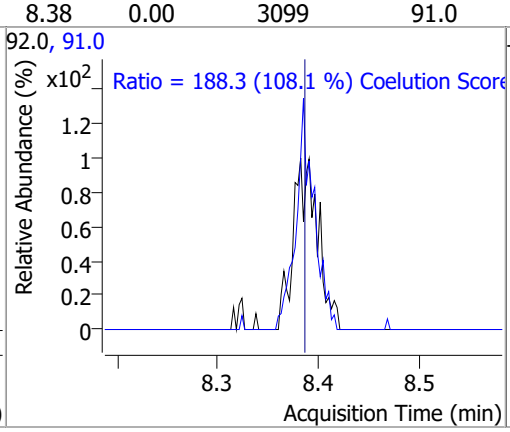


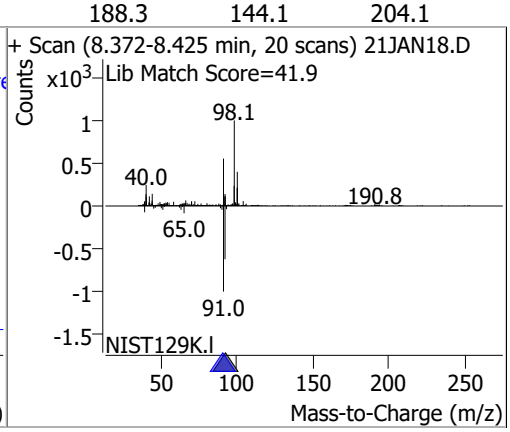




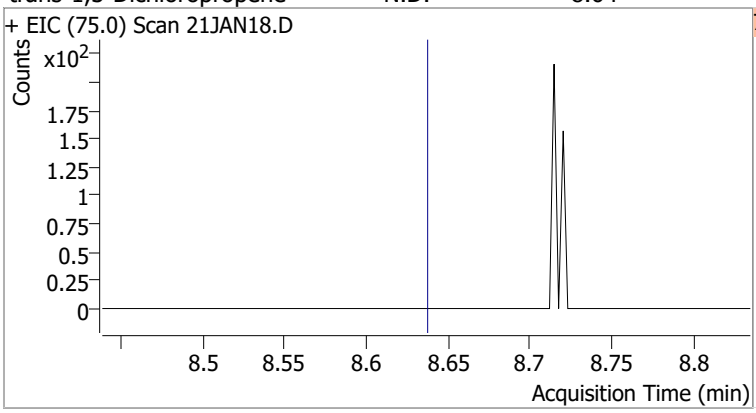
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.5353	8.38	0.00	3099	91.0	188.3	144.1	204.1

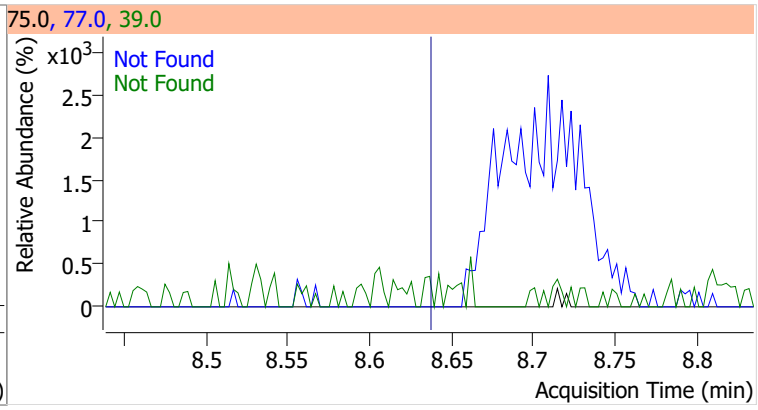




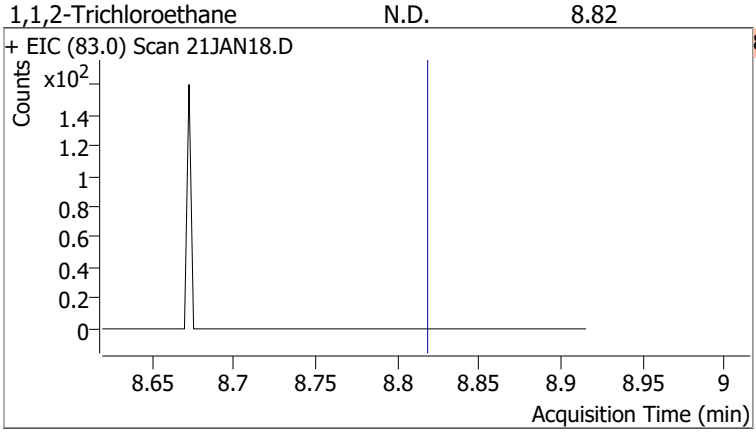


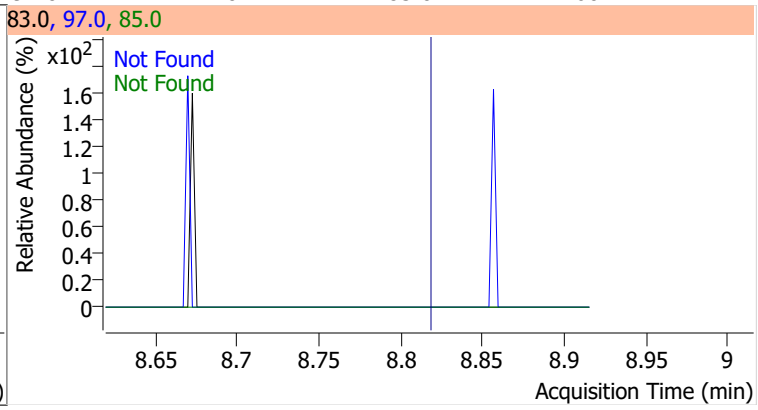
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



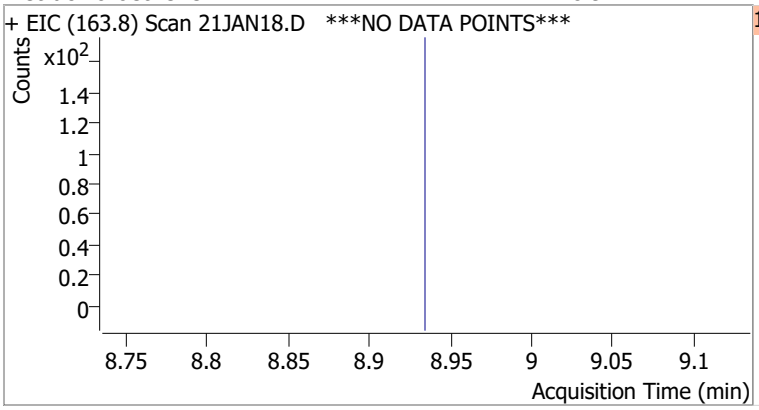


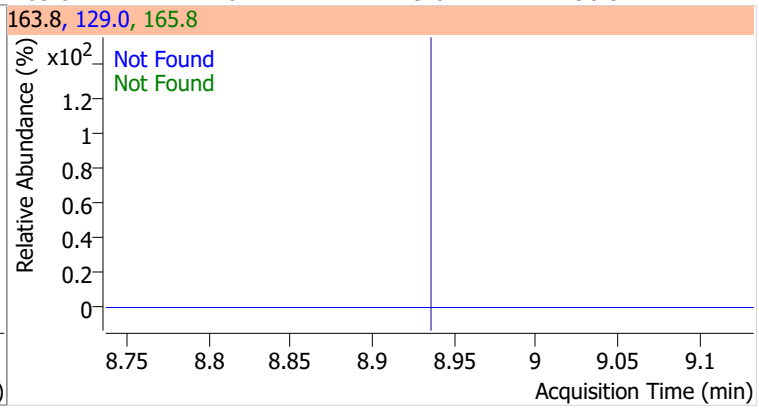
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



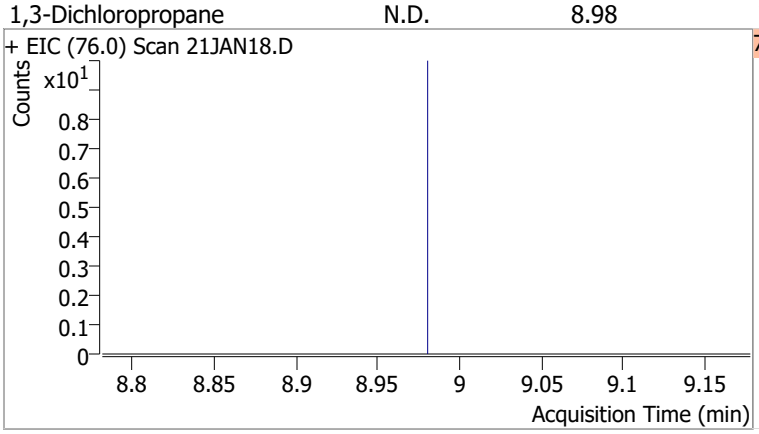


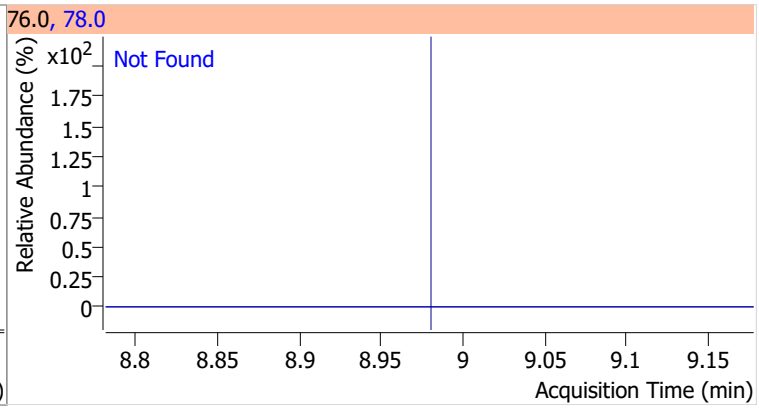
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



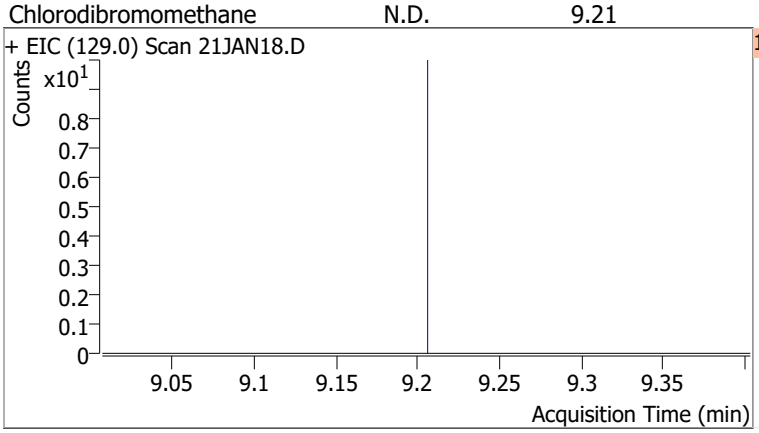


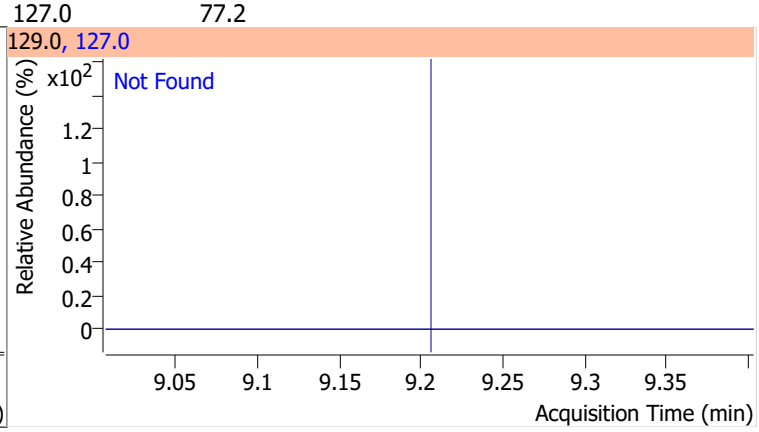
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



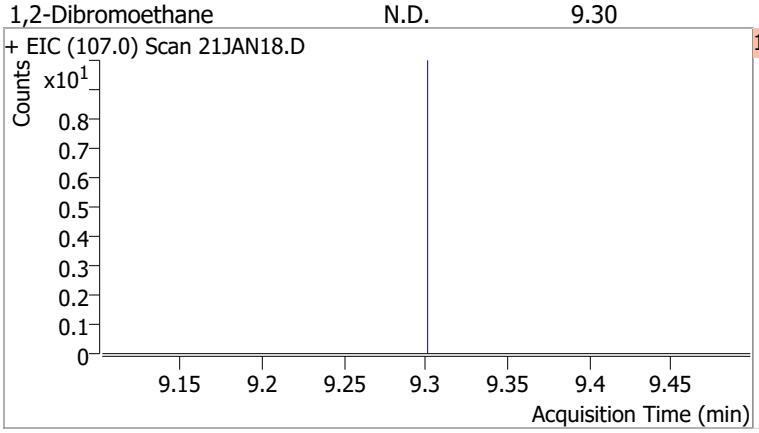


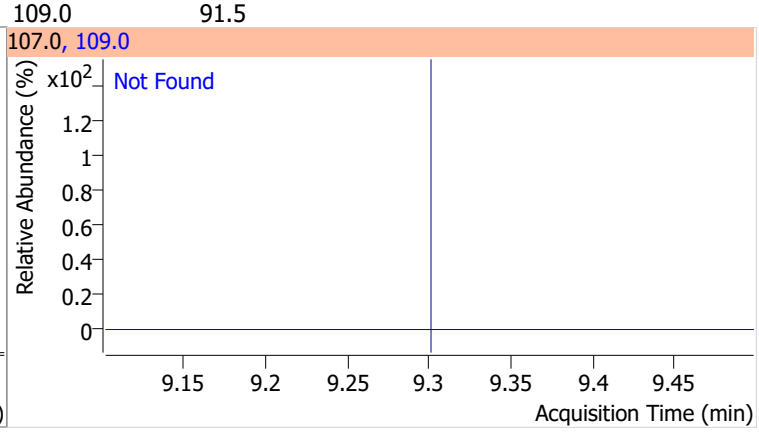
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



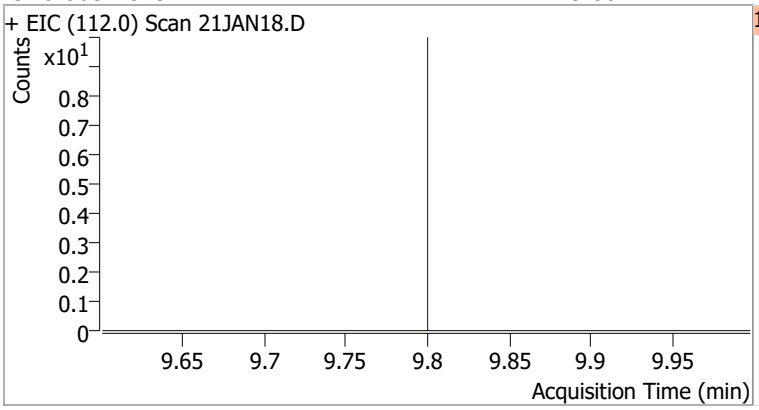


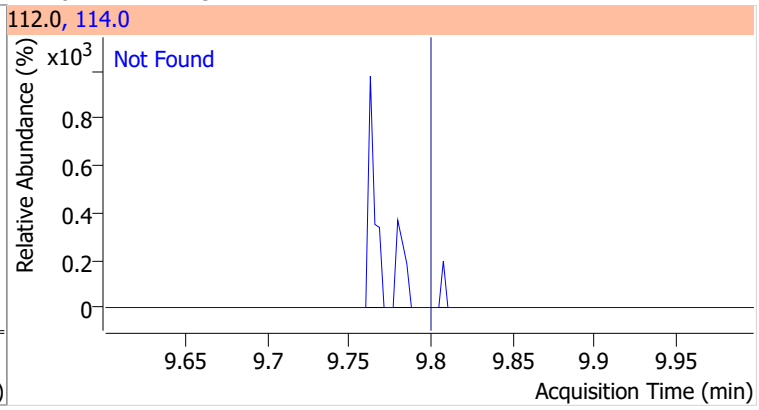
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



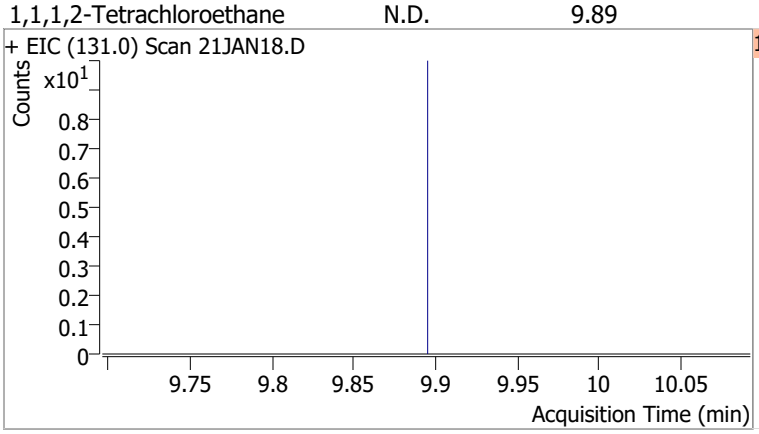


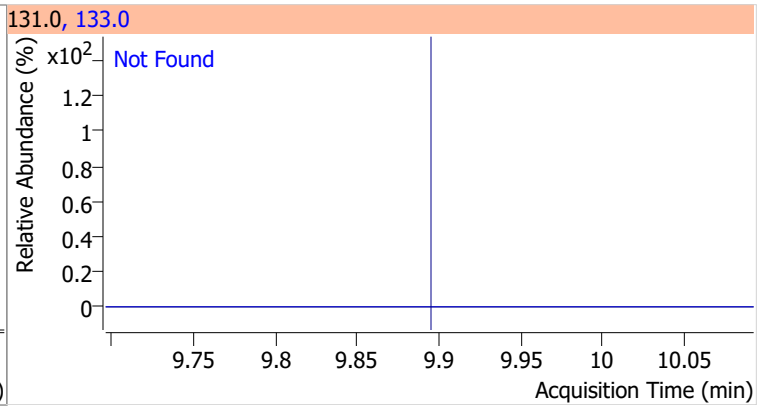
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



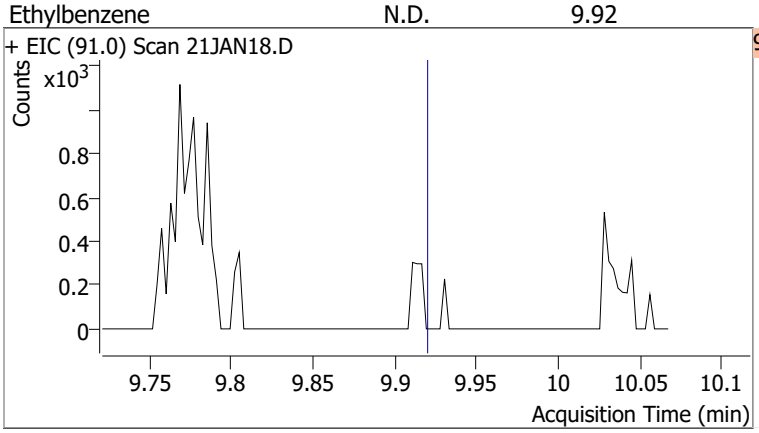


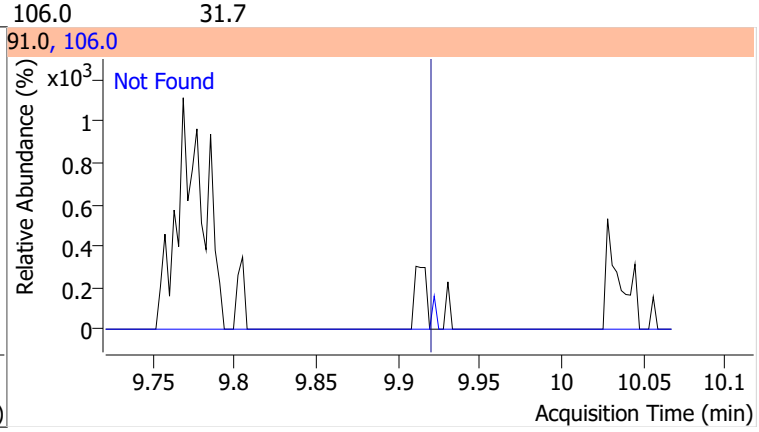
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



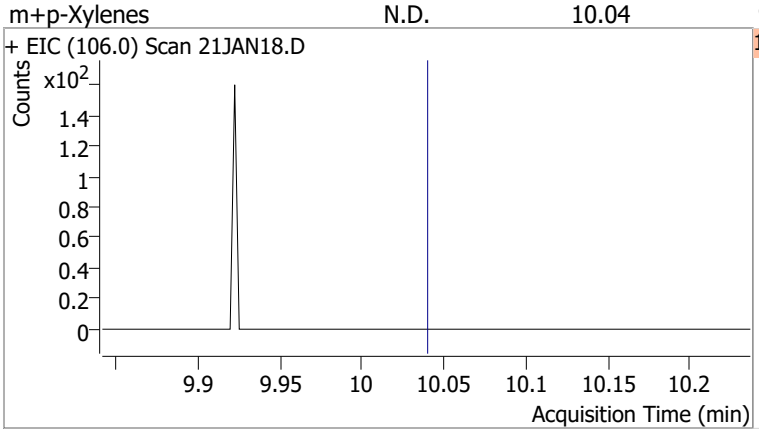


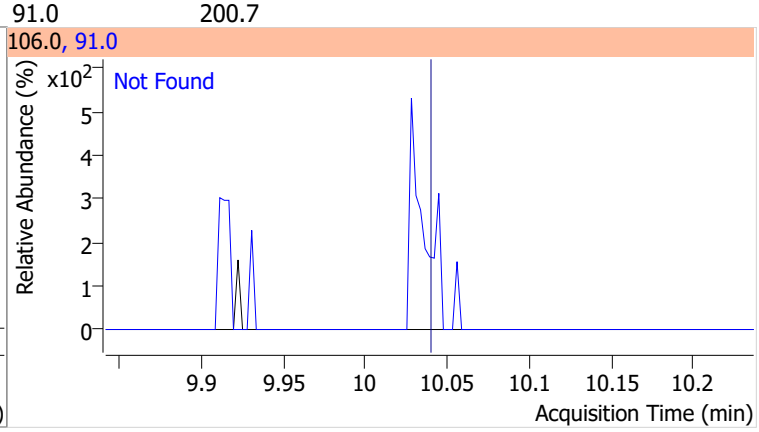
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



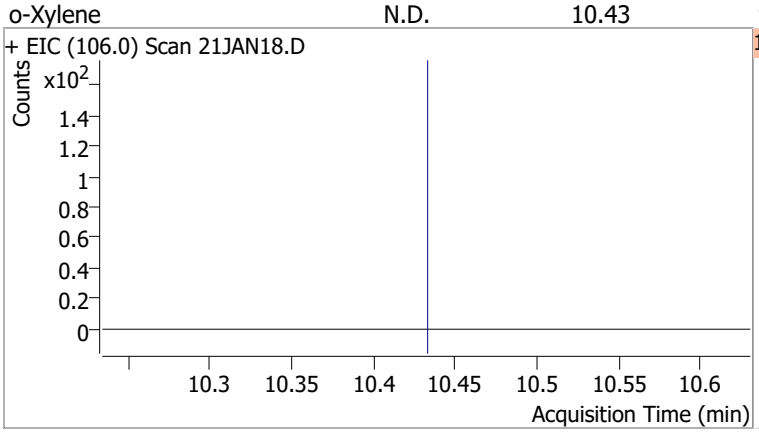


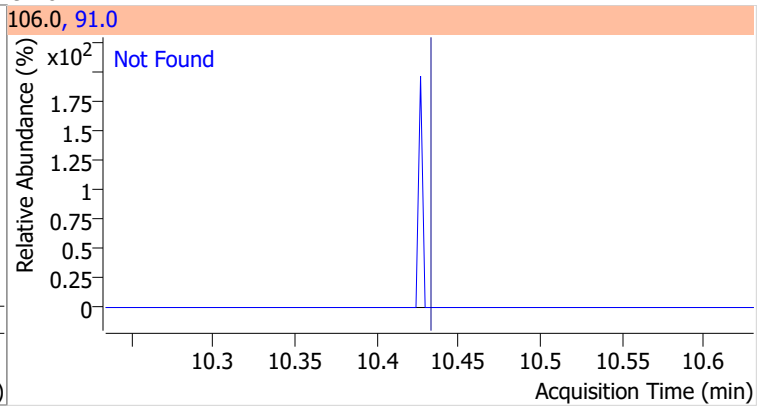
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



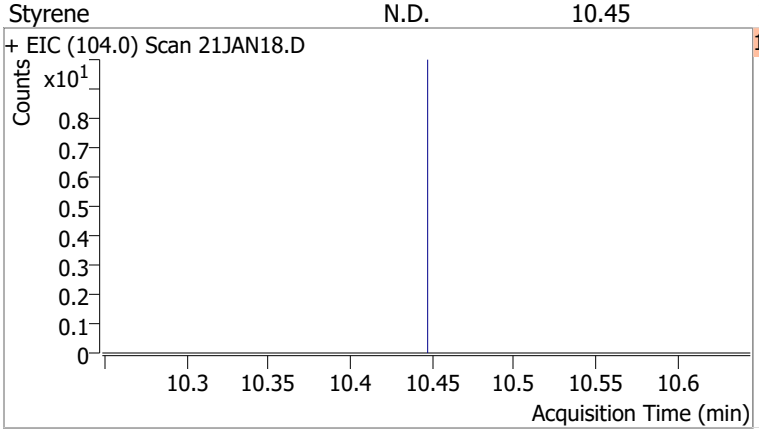


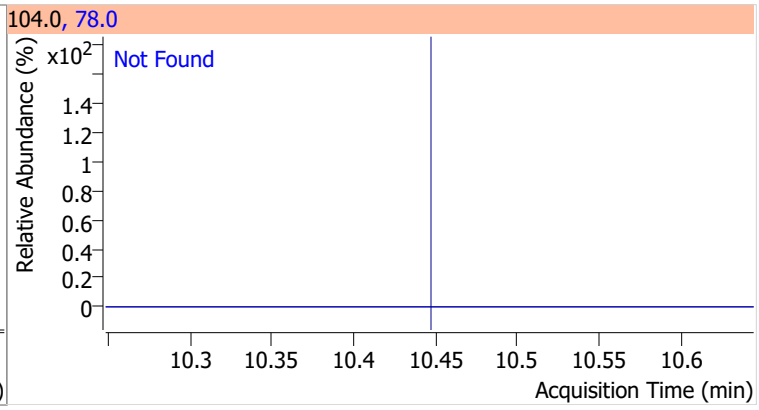
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



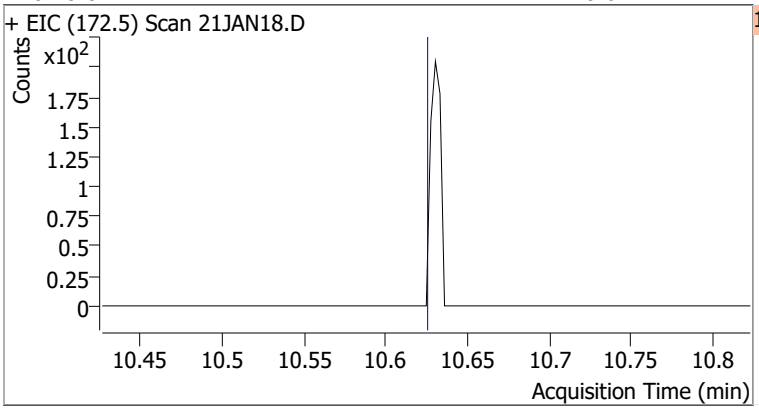


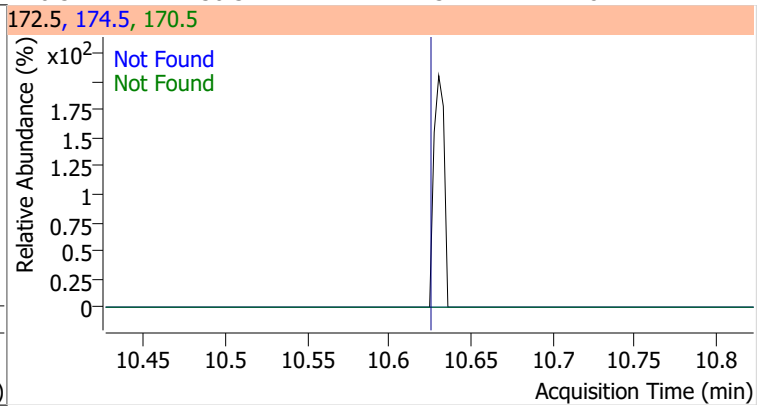
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



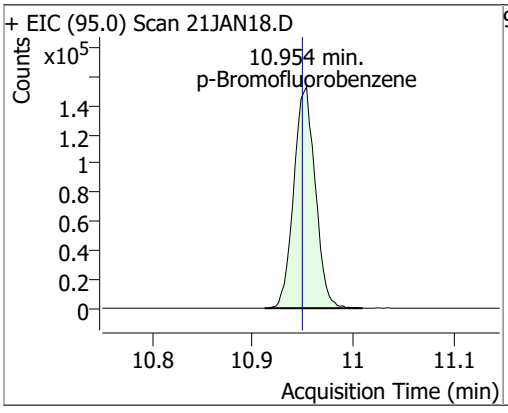


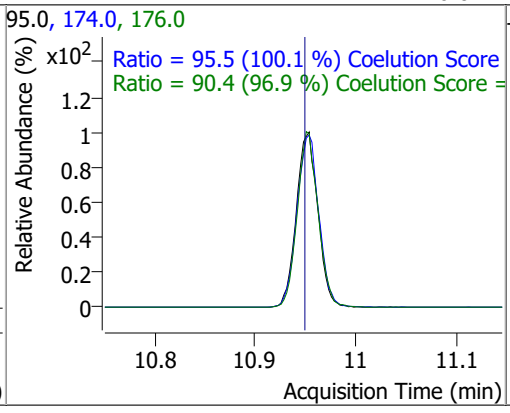
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

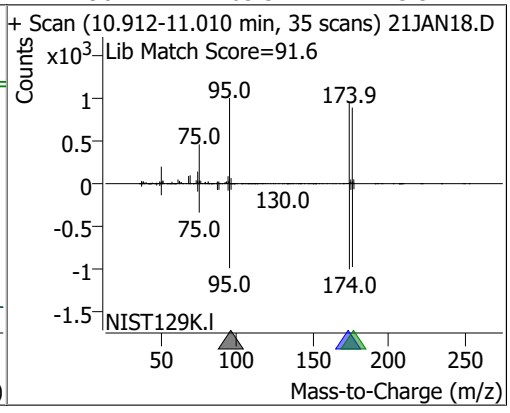




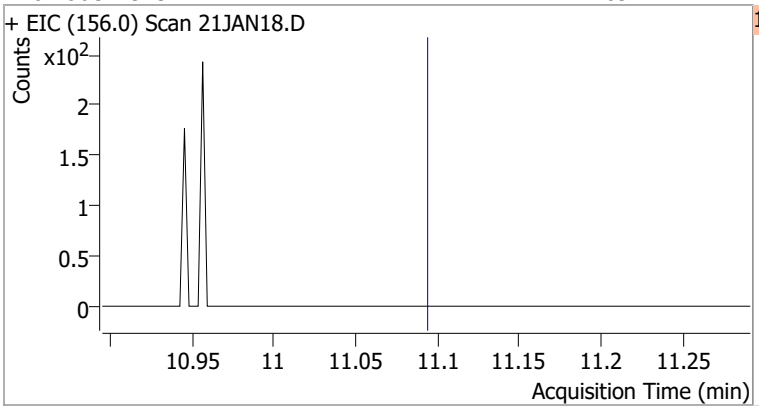
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.2634	10.95	0.01	227442	174.0	95.5	65.3	125.3
					176.0	90.4	63.3	123.3

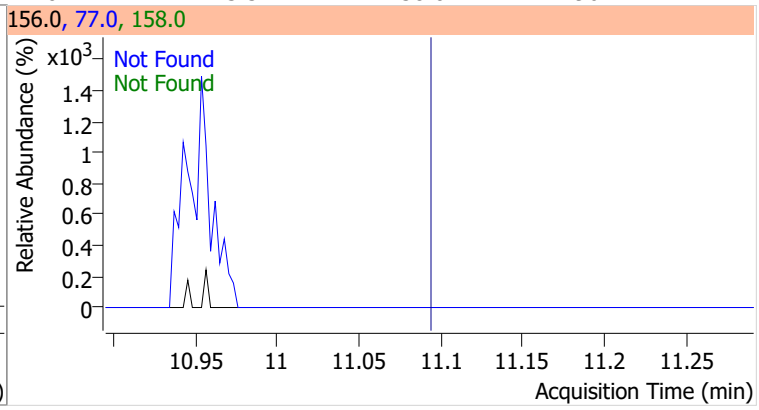




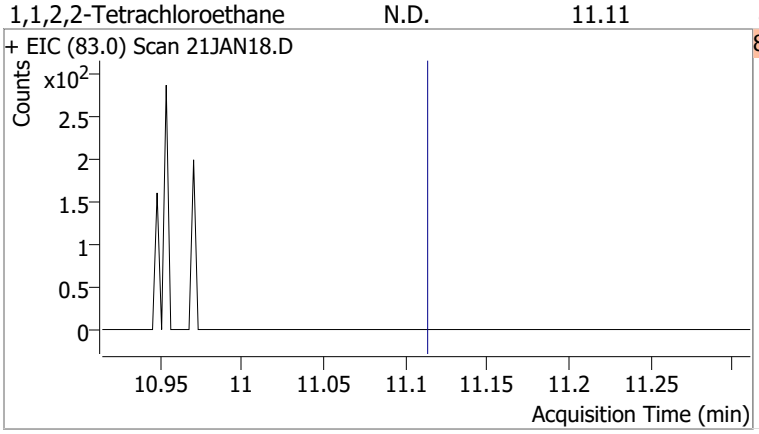


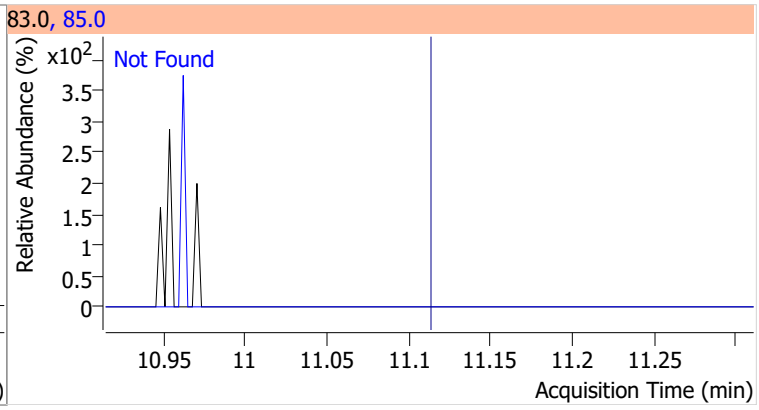
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



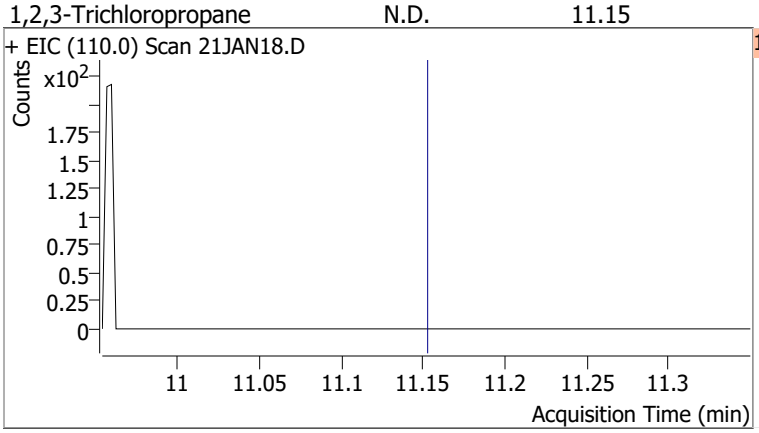


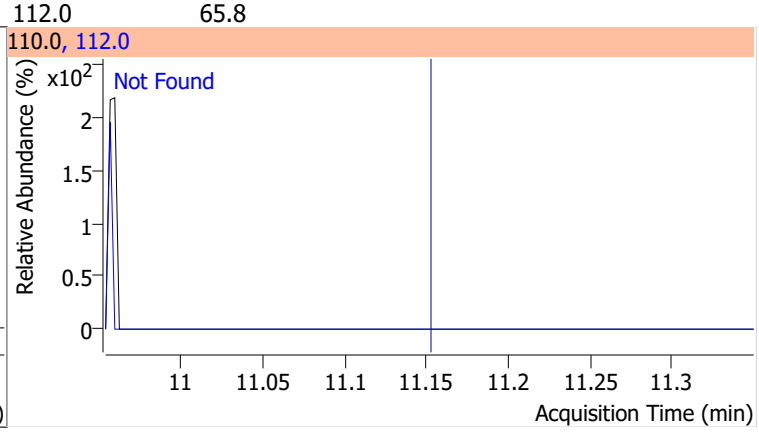
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



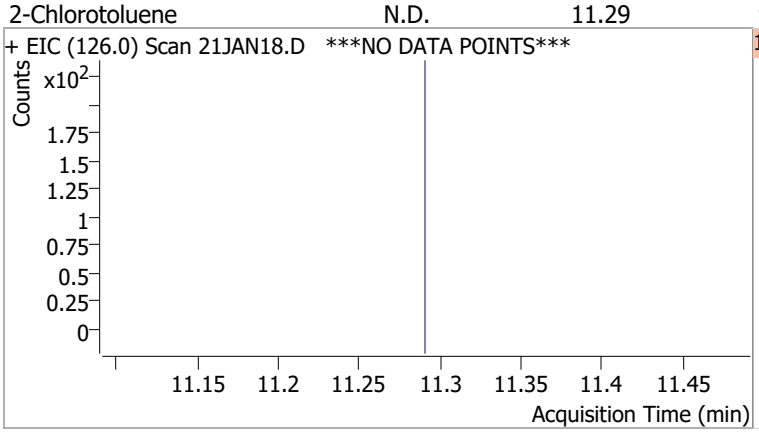


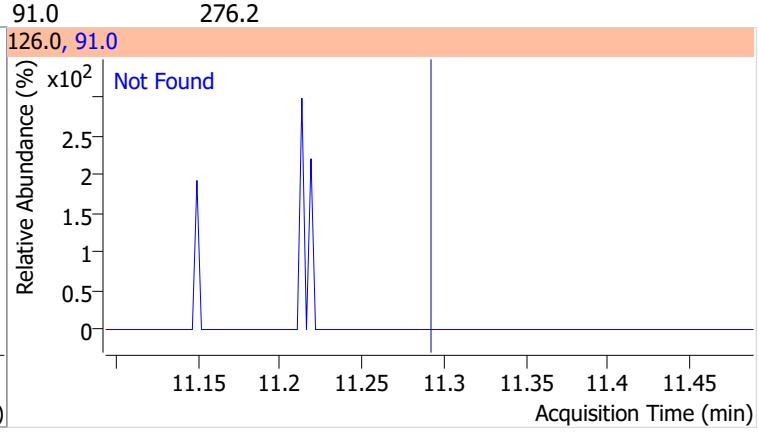
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



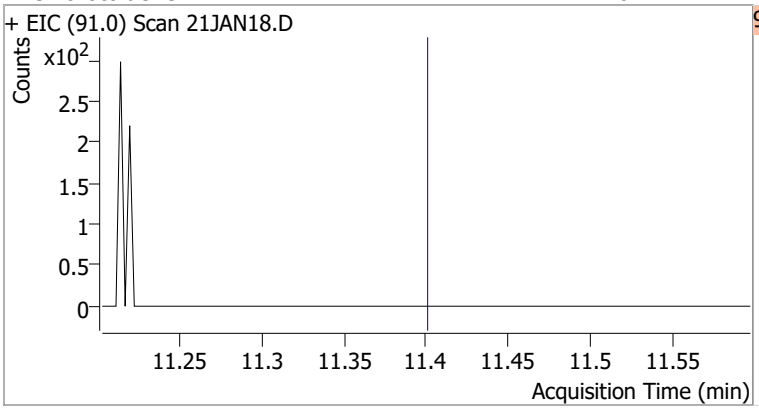


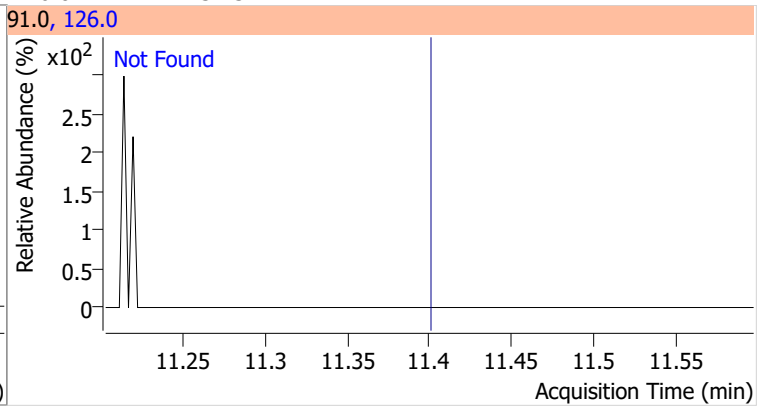
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



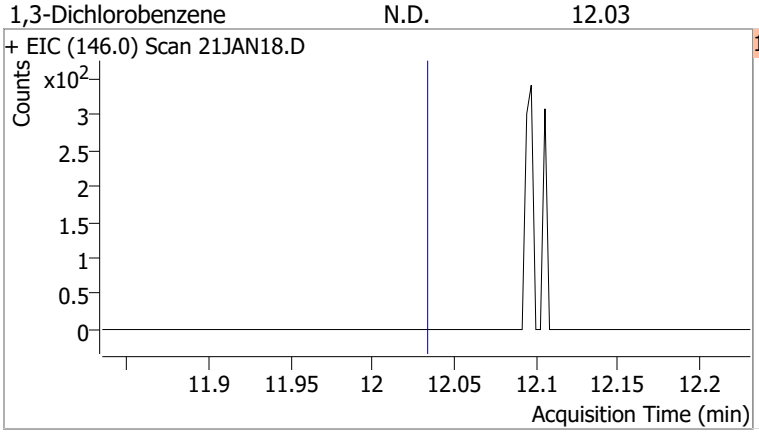


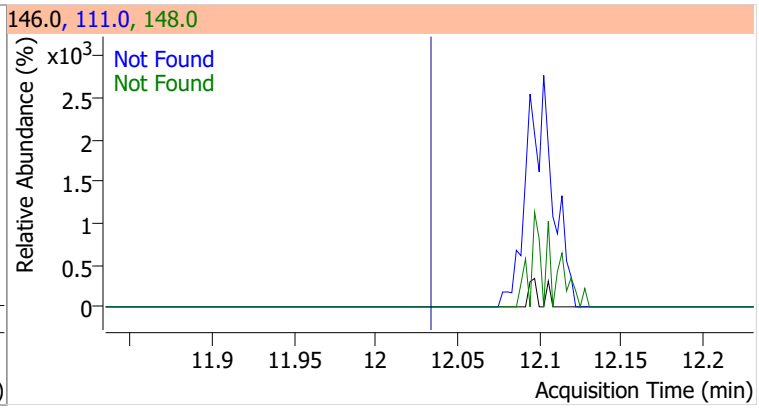
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



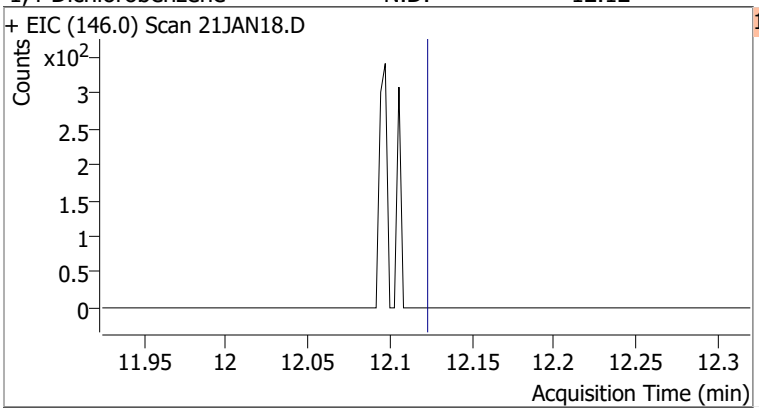


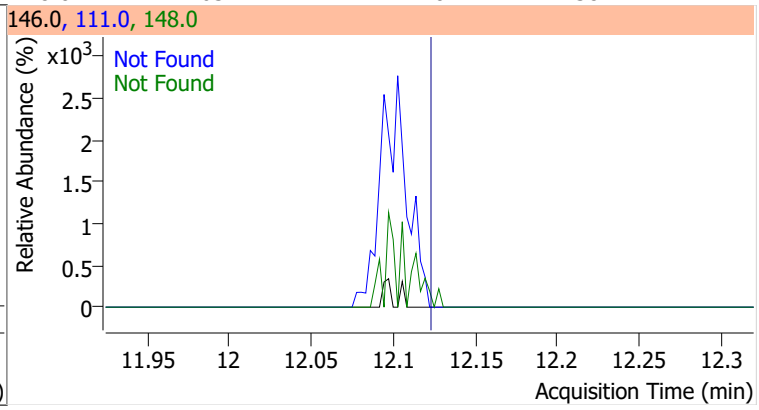
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



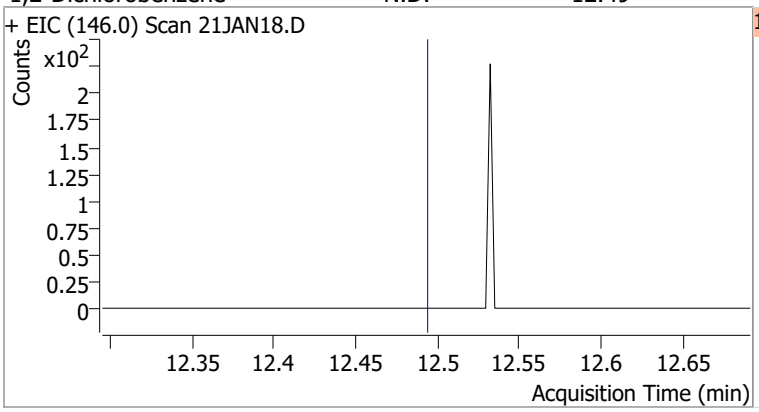


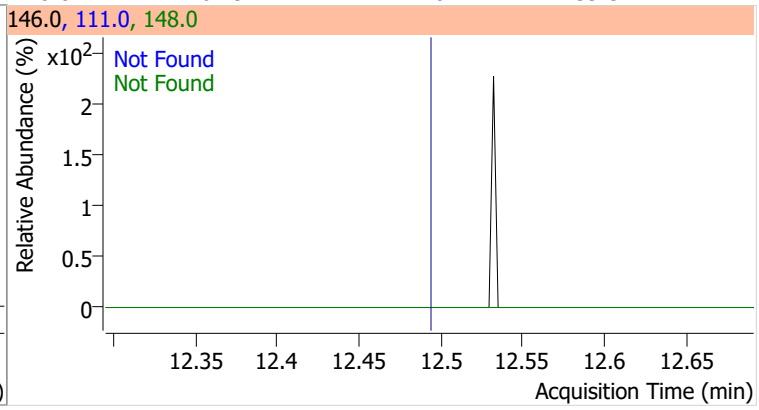
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





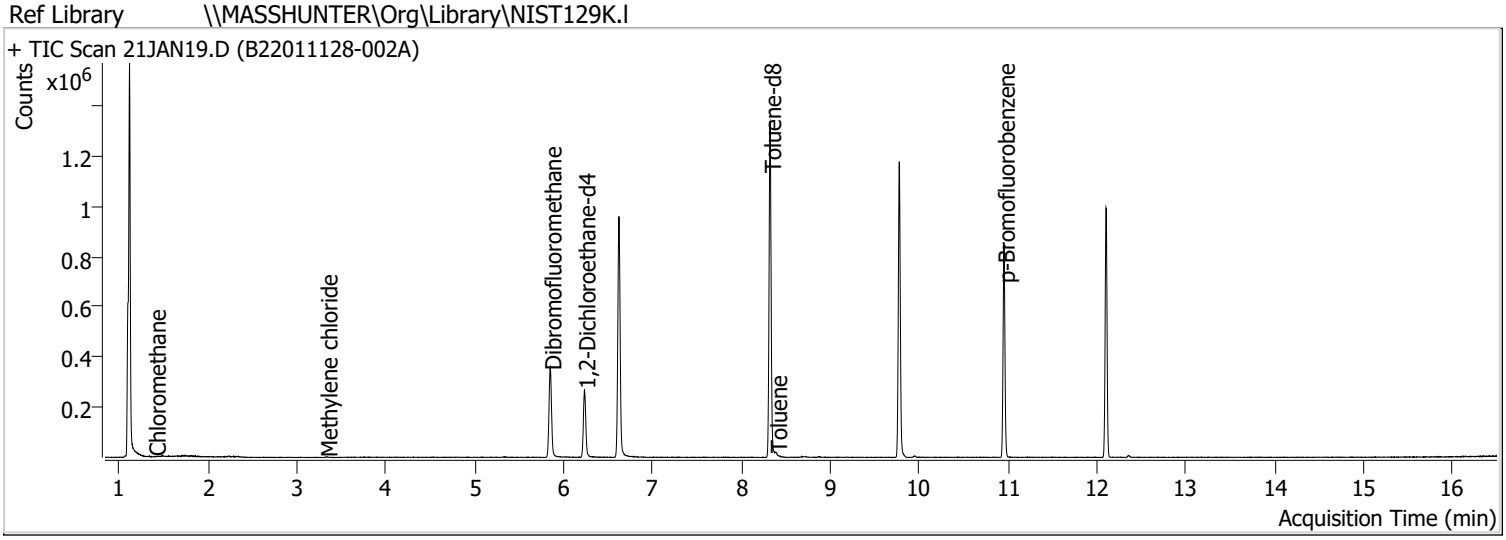
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN19.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 5:58:46 PM
Sample Name	B22011128-002A	Instrument	VOA5975C
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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

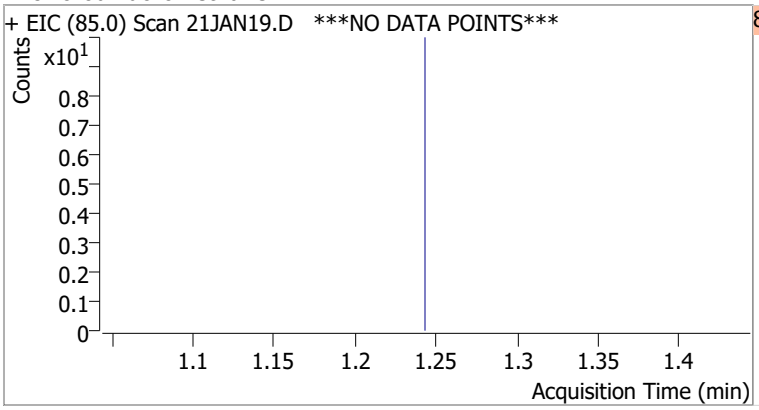


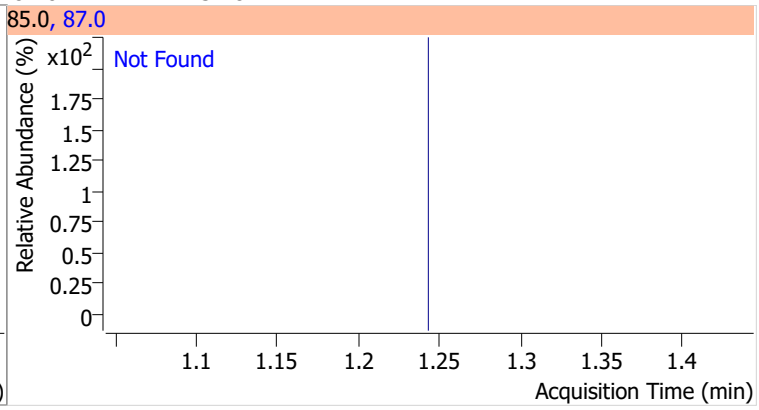
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	810955	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	321277	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	238601	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	210942	268.5529	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.42%			
S 1,2-Dichloroethane-d4	6.233	67.0	93072	274.3017	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 109.72%			
S Toluene-d8	8.322	98.0	800364	255.3511	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 102.14%			
S p-Bromofluorobenzene	10.951	95.0	230231	261.3380	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.54%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.400	50.0	367	0.2857	ng	m	88
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	1512	1.2754	ng	m	98
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	8.391	92.0	3780	1.8093	ng	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.		

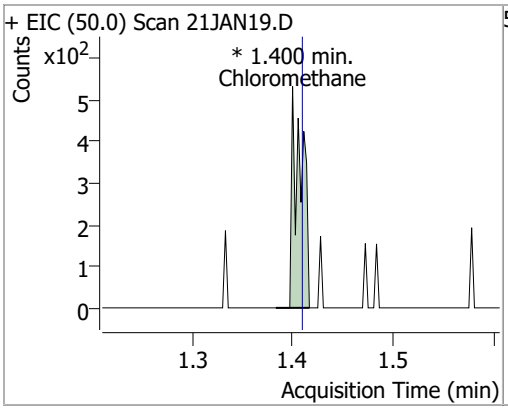
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

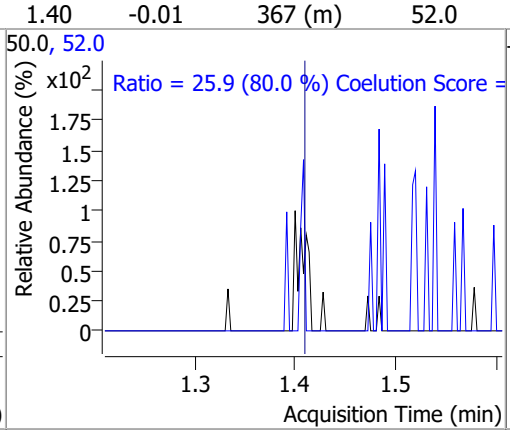
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

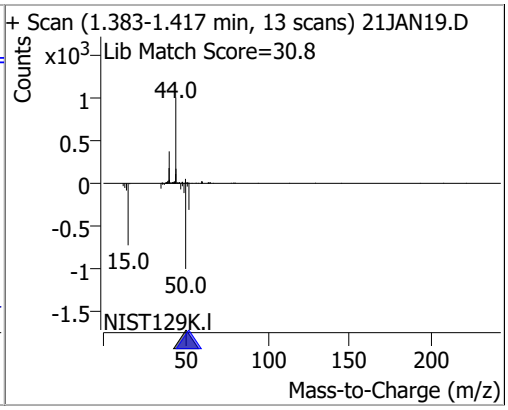




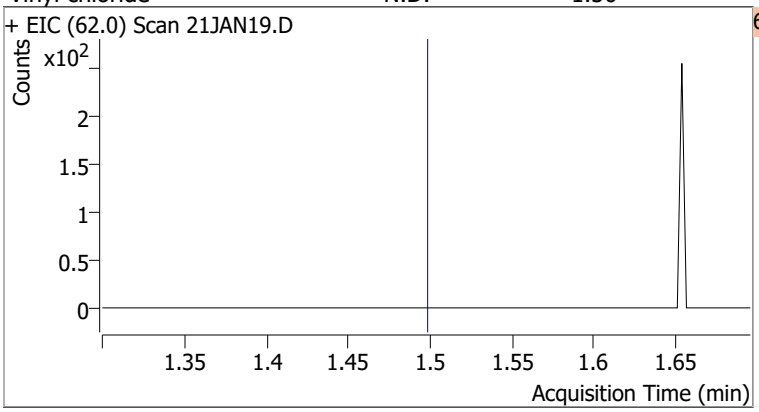
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.2857	1.40	-0.01	367 (m)	52.0	25.9	2.4	62.4

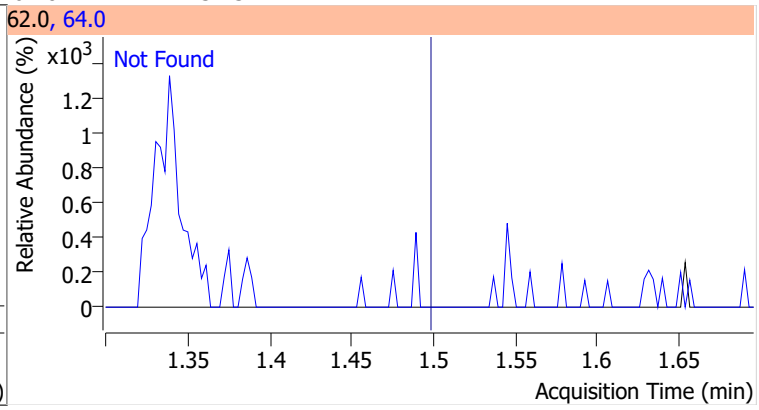




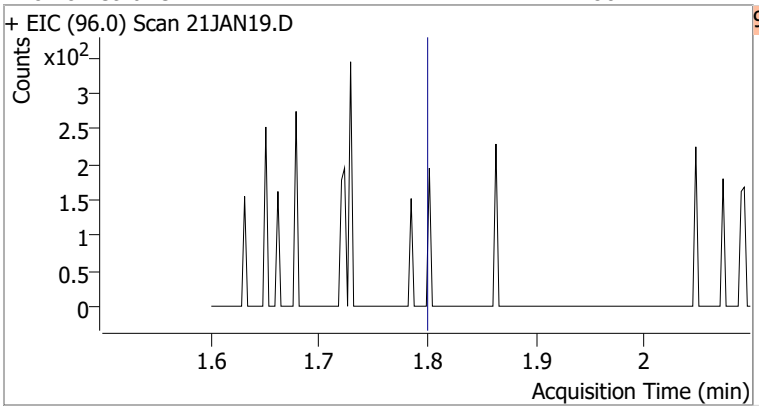


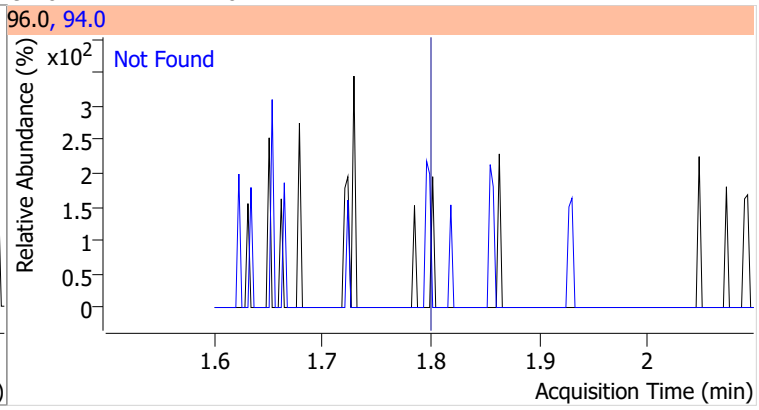
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



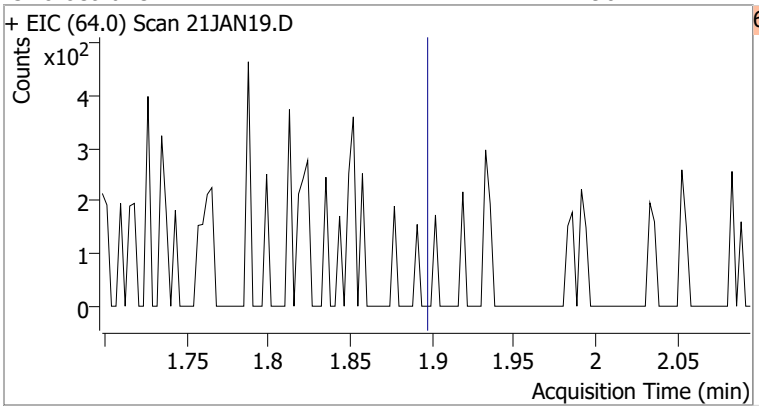


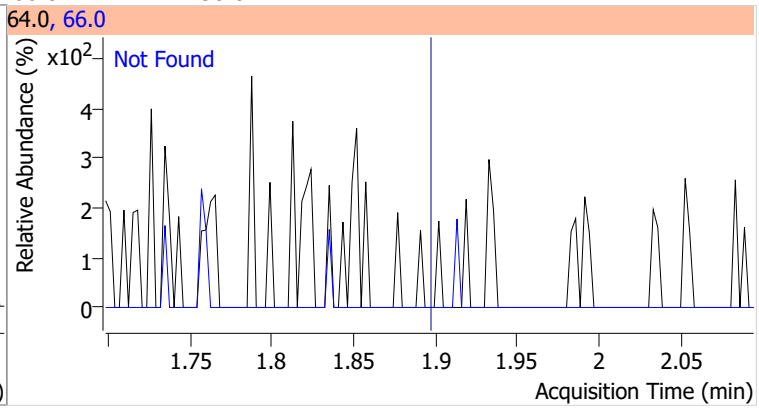
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



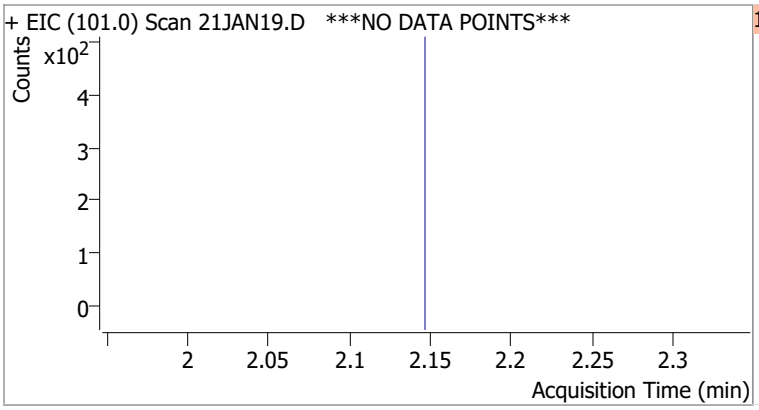


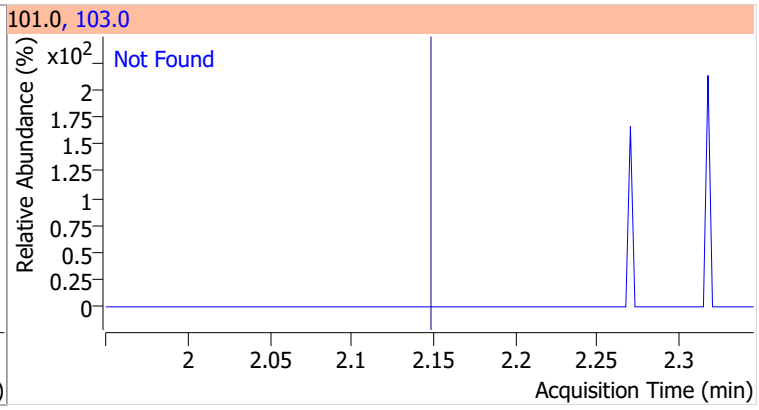
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



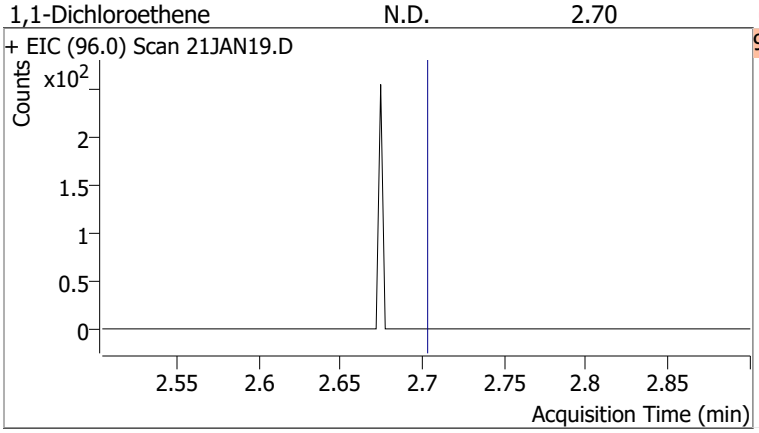


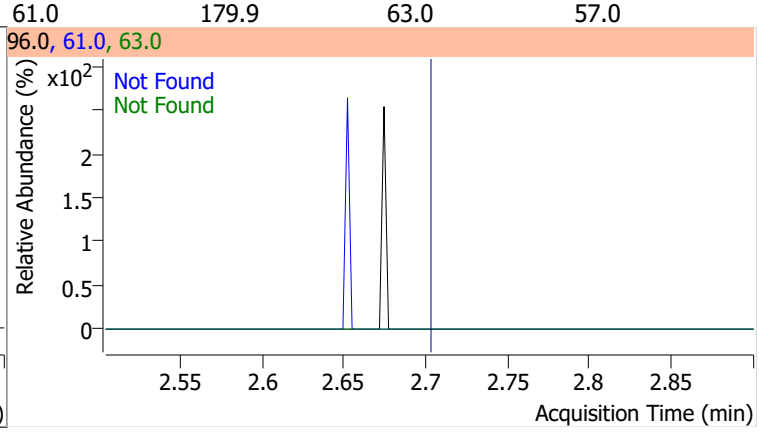
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



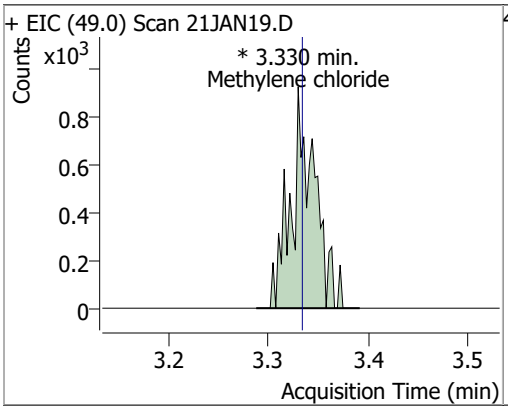


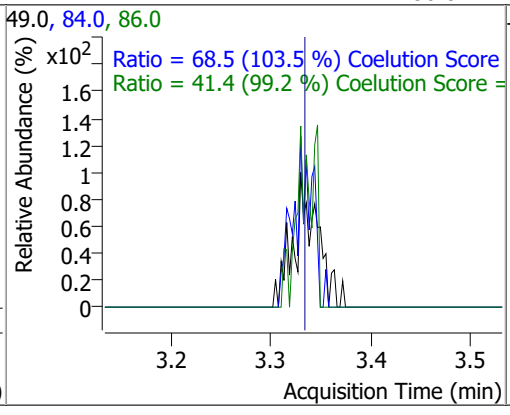
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

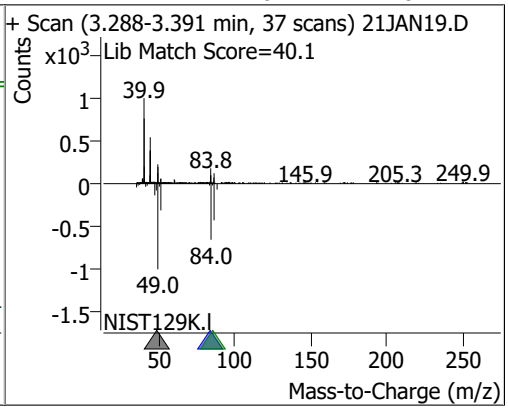




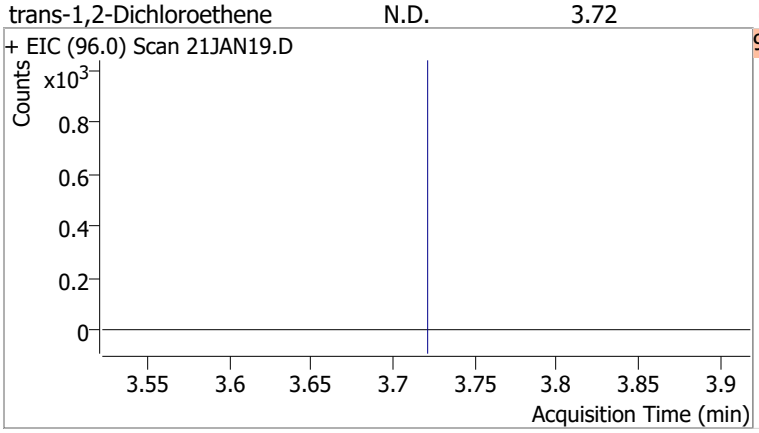
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.2754	3.33	0.00	1512 (m)	84.0	68.5	36.1	96.1
					86.0	41.4	11.8	71.8

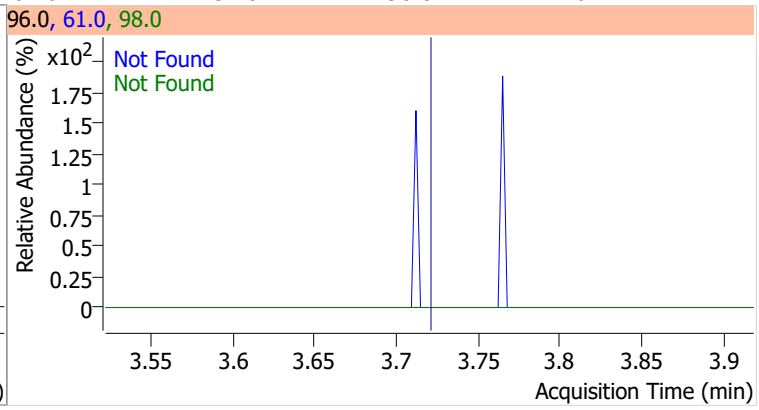




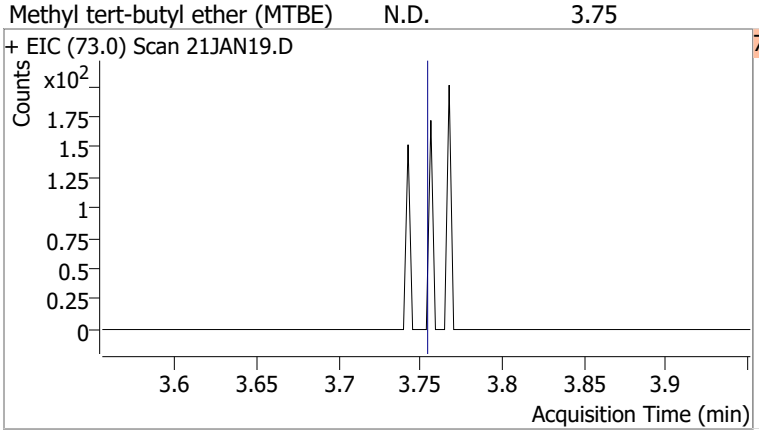


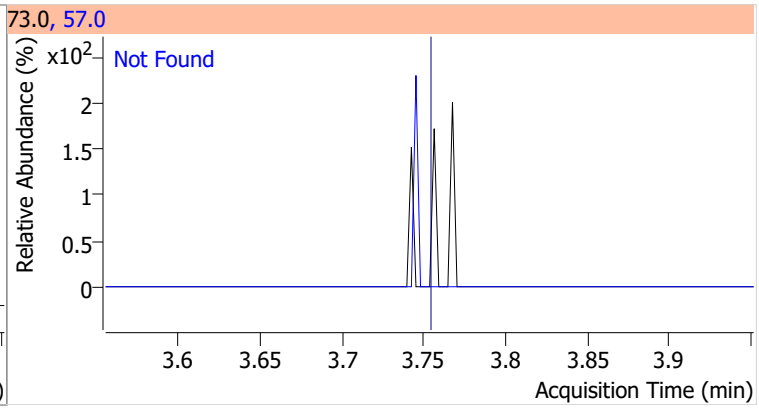
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



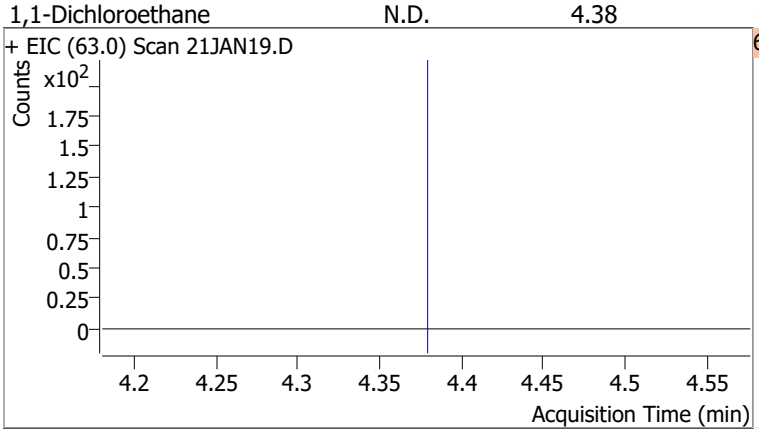


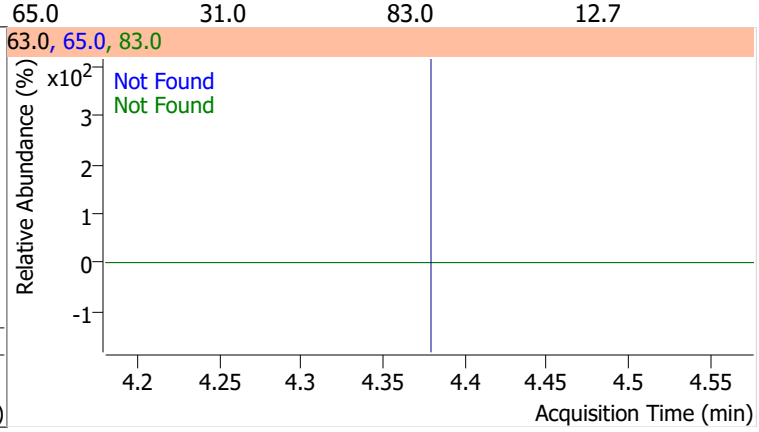
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



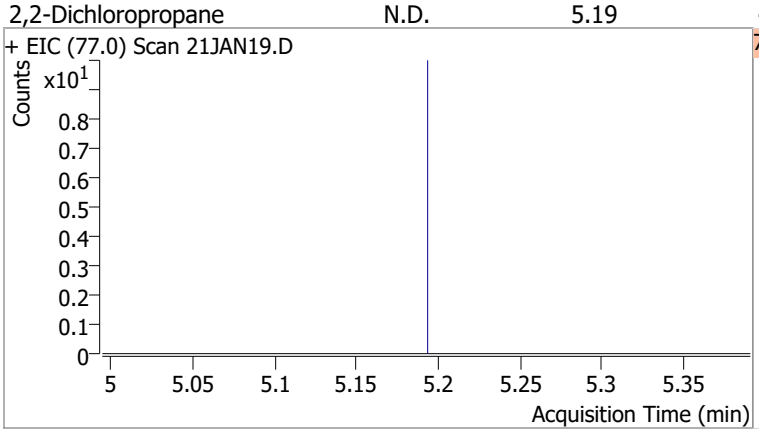


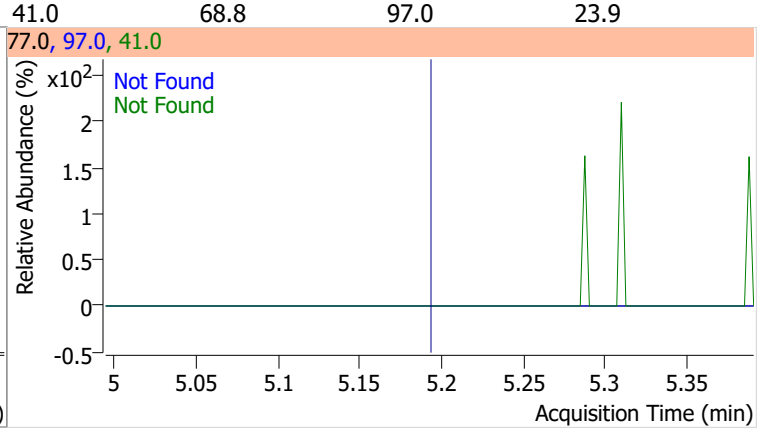
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



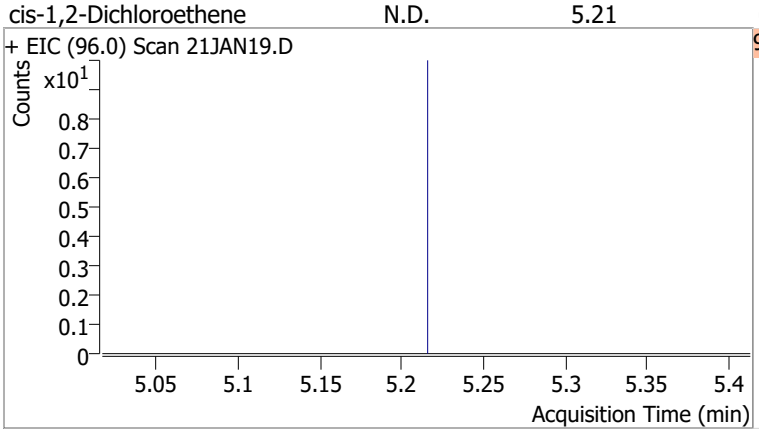


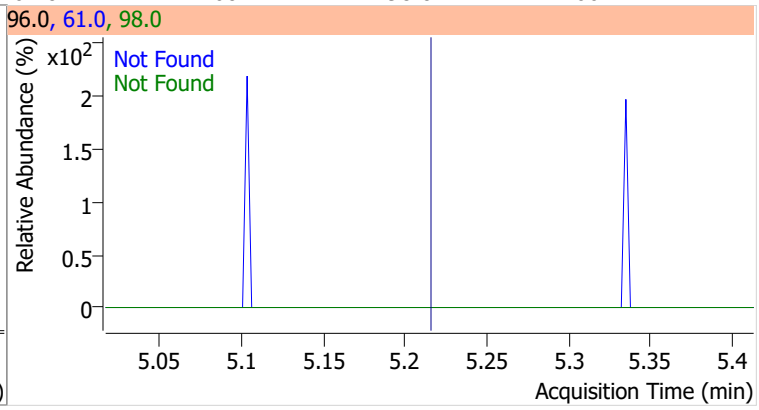
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



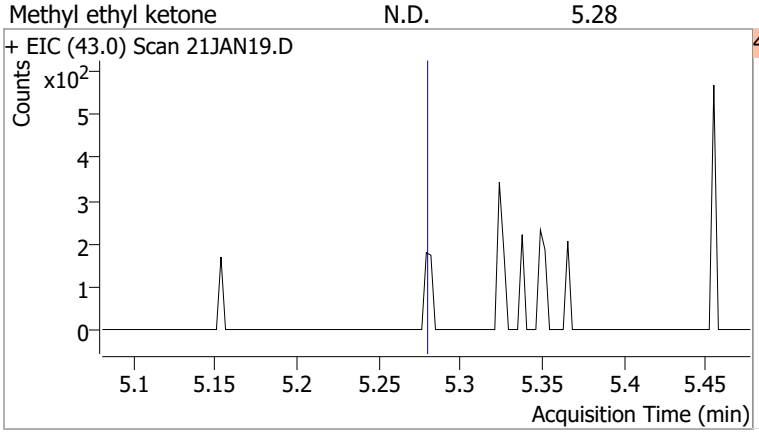


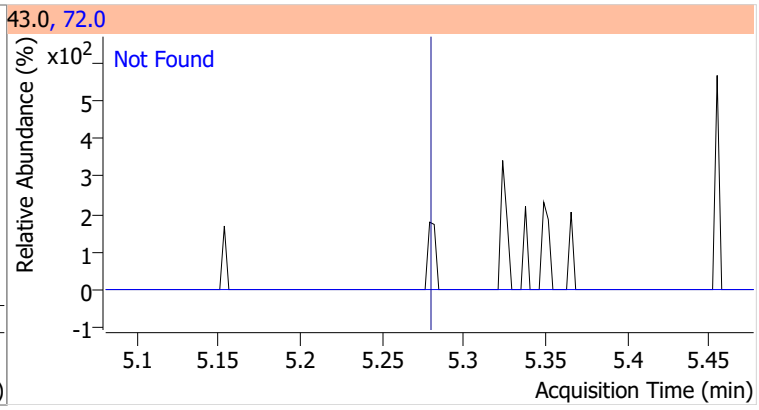
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



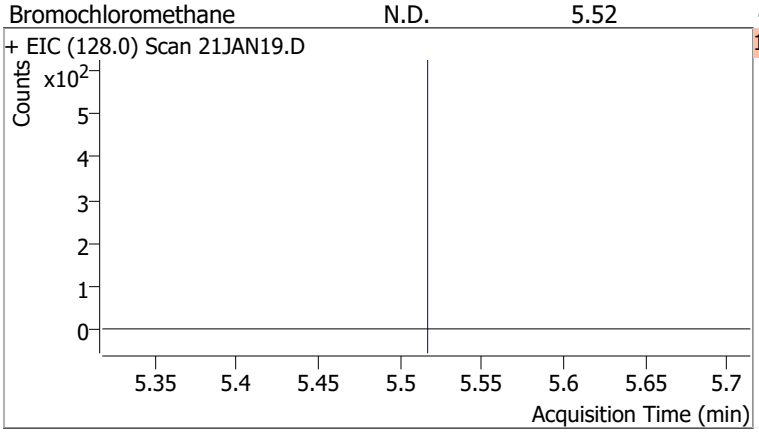


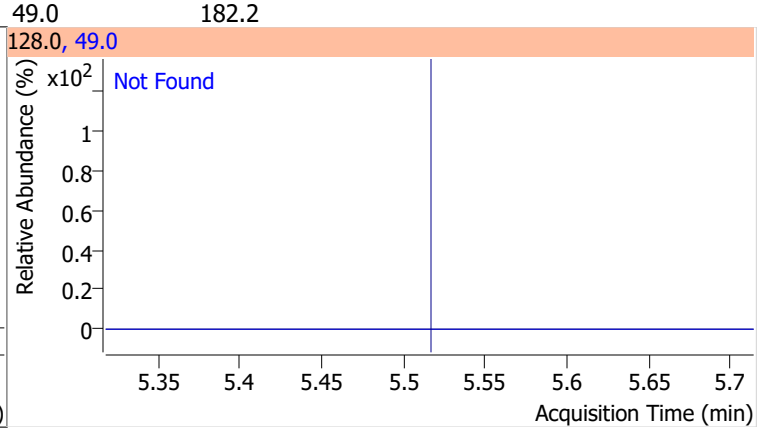
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



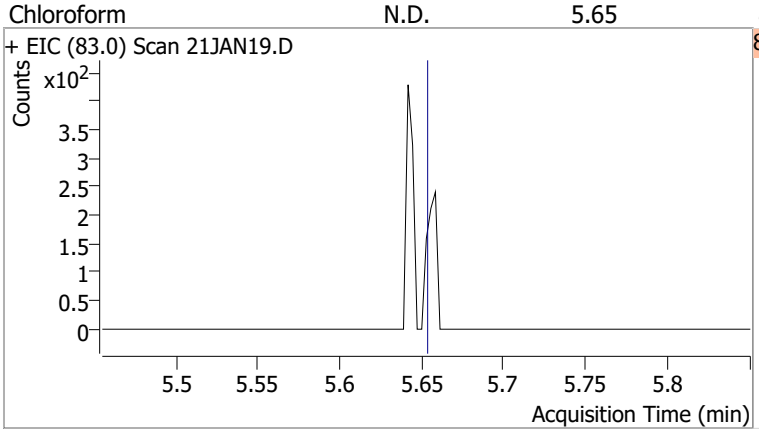


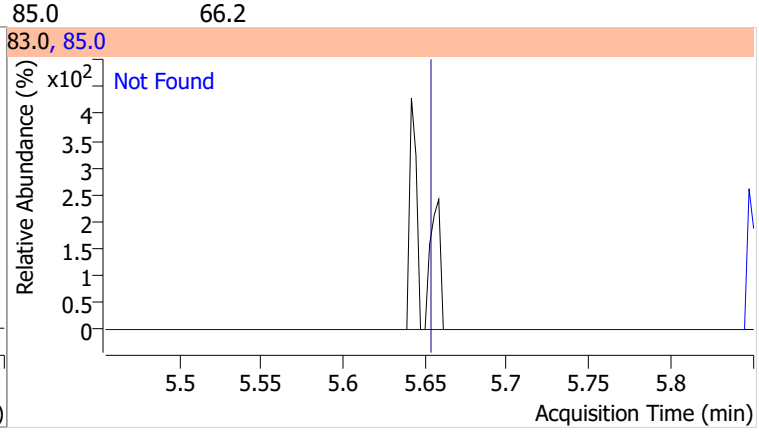
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



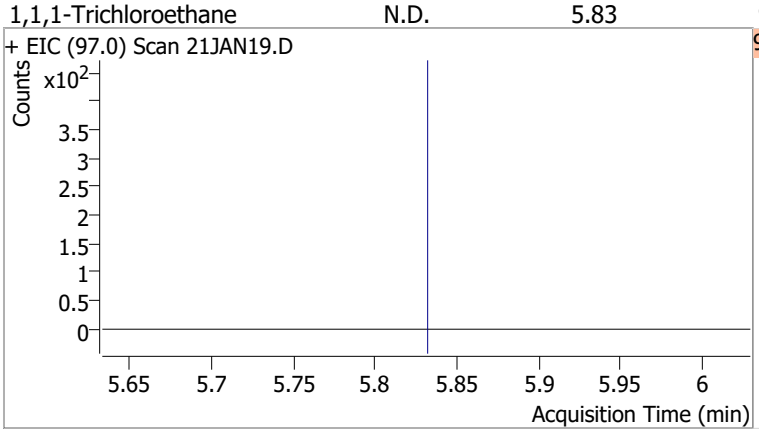


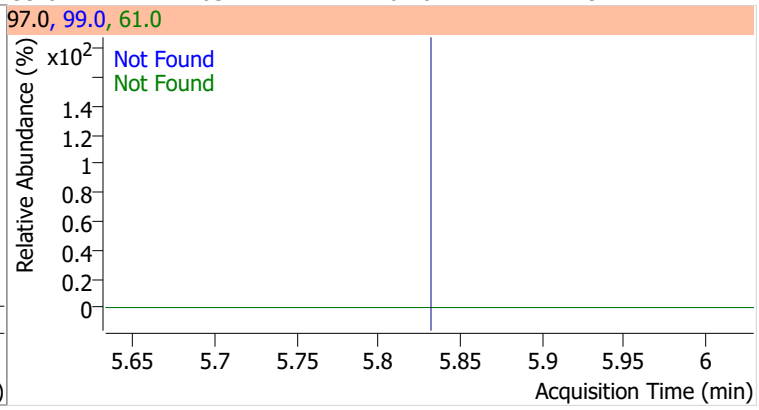
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



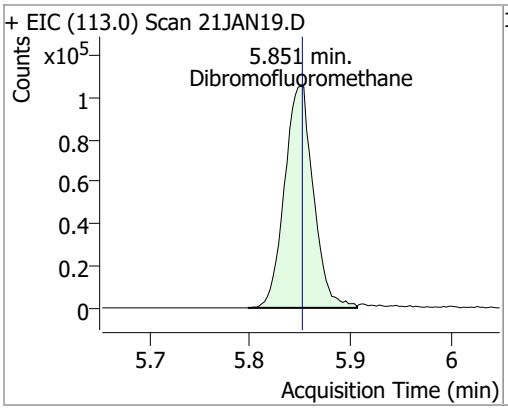


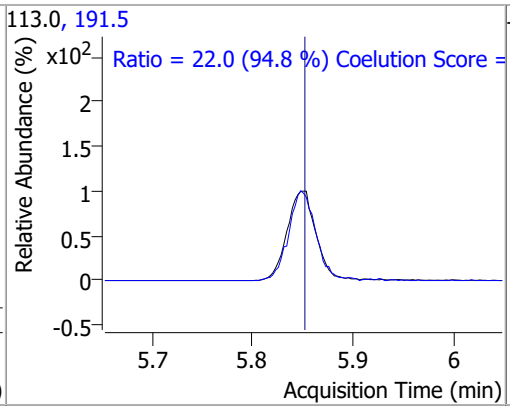
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

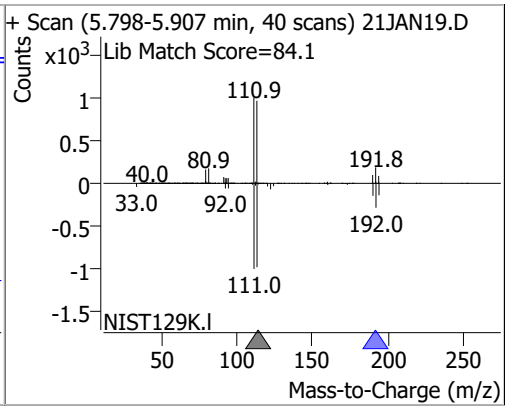




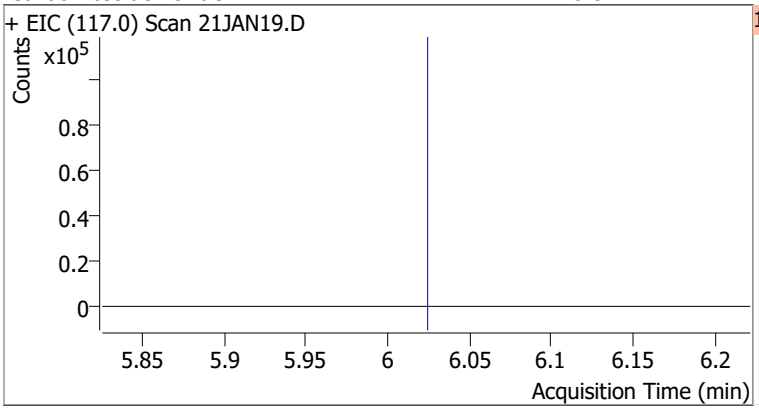
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	268.5529	5.85	0.00	210942	191.5	22.0	0.0	53.2

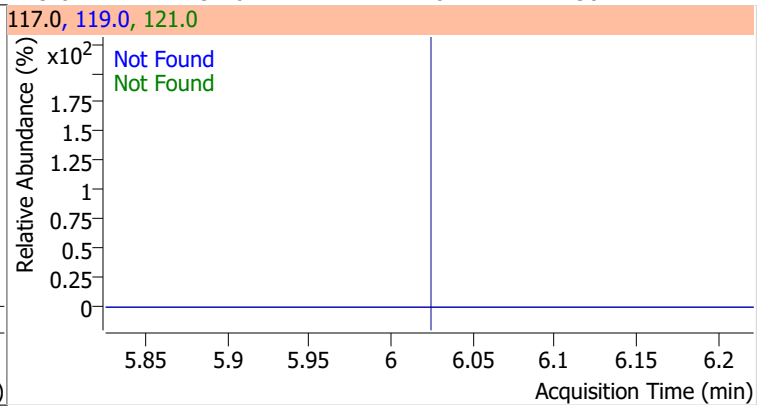




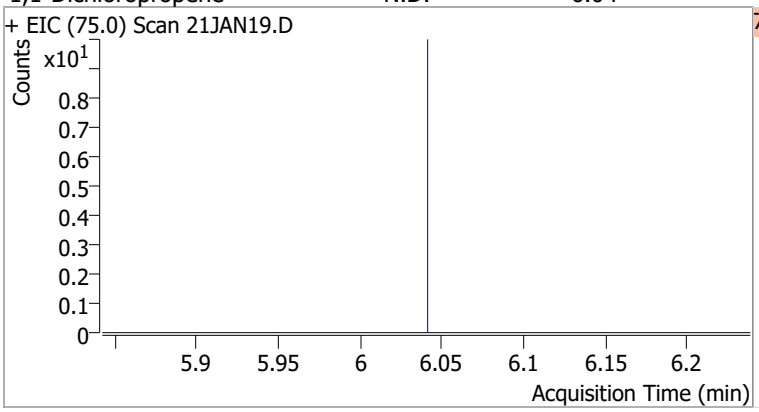


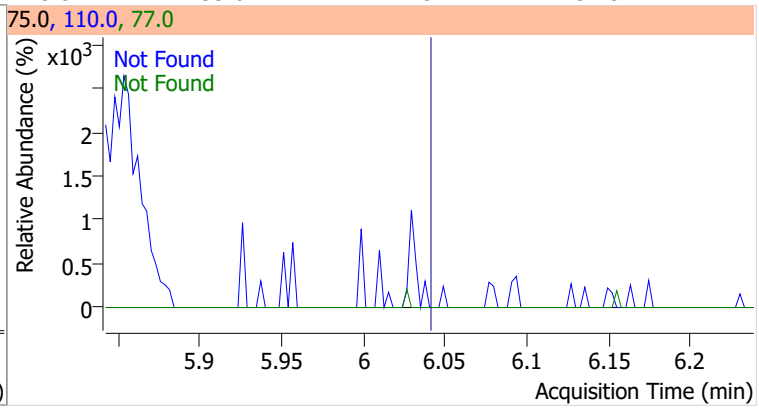
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



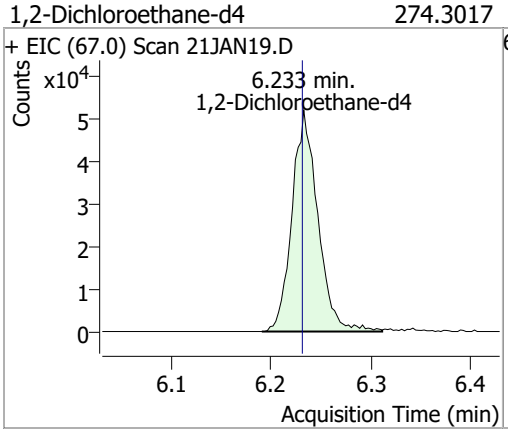


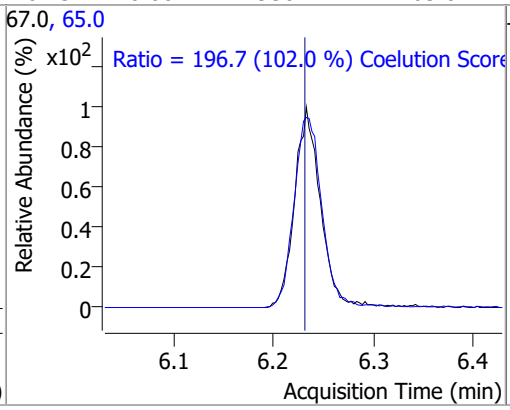
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

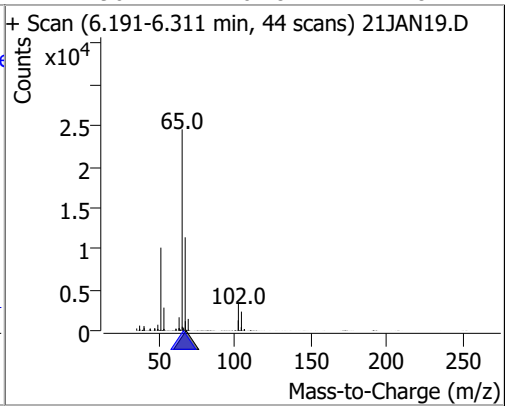




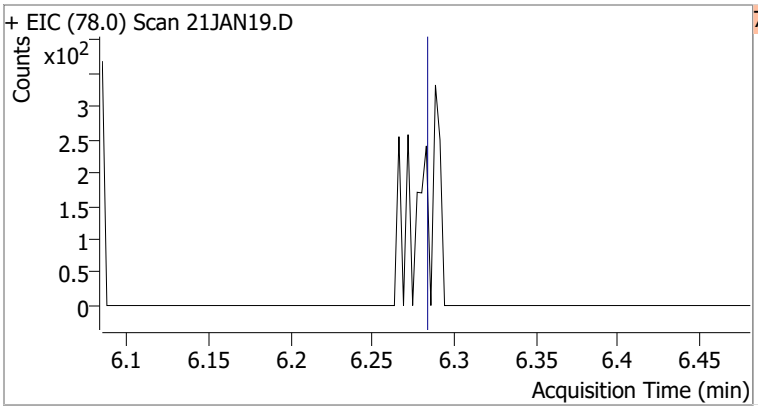
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	274.3017	6.23	0.00	93072	65.0	196.7	162.8	222.8

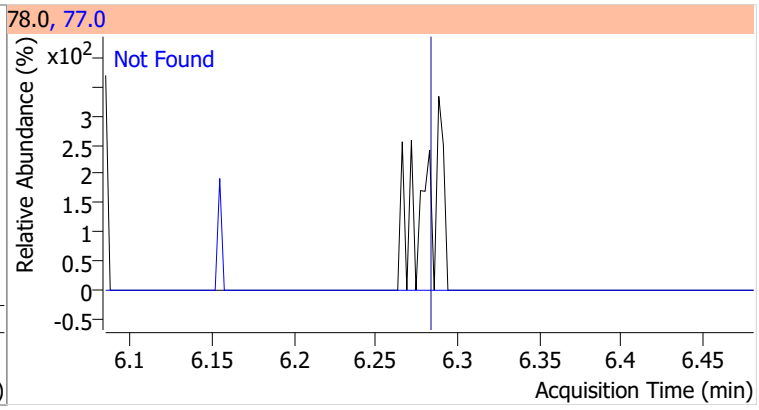




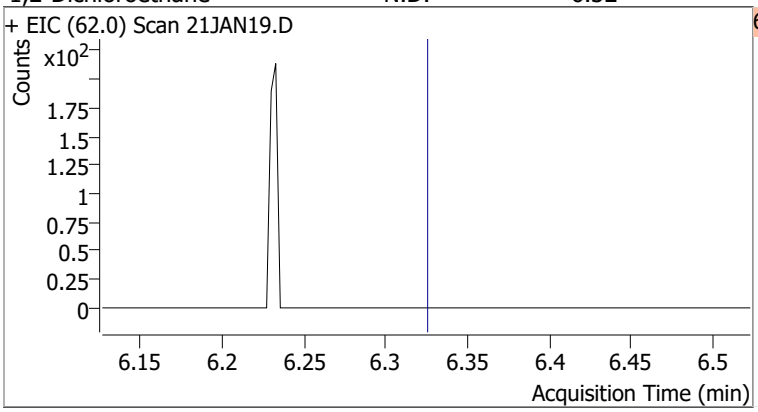


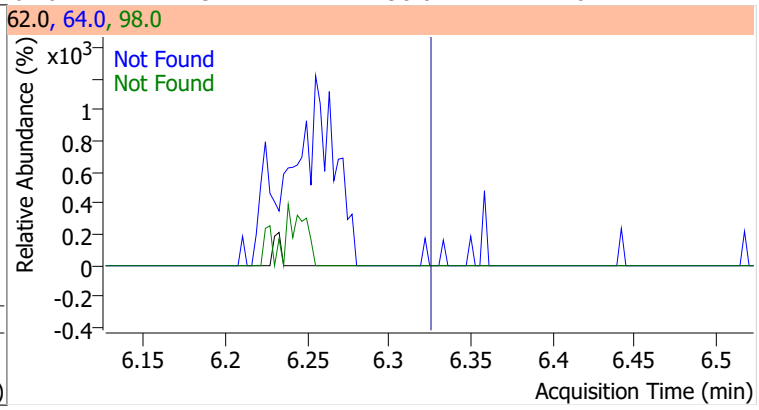
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



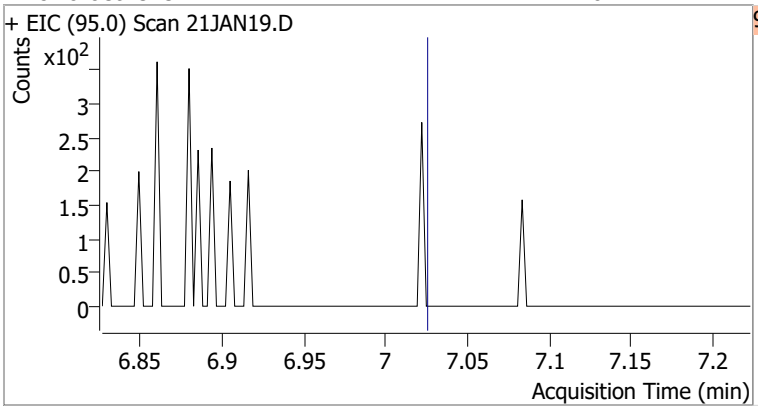


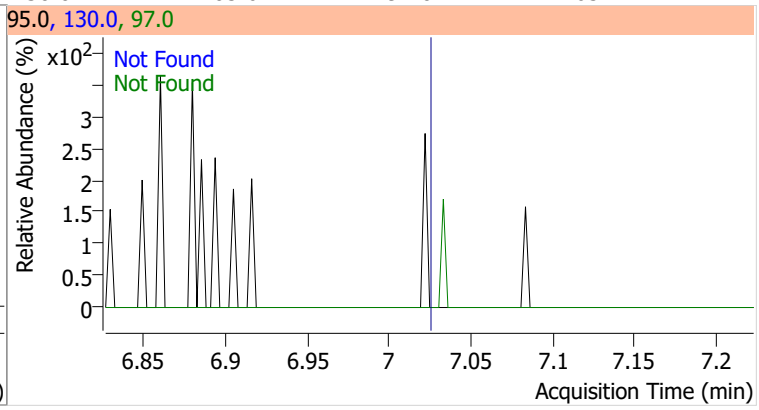
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



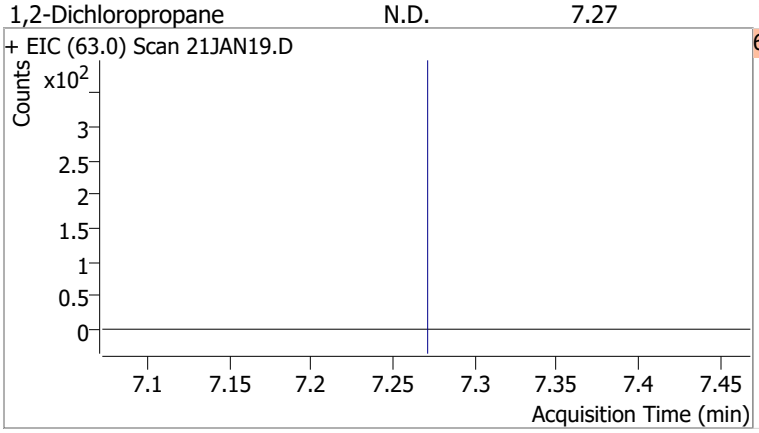


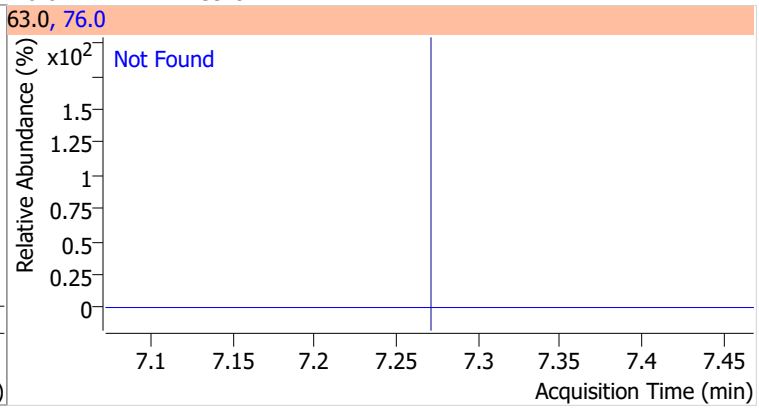
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



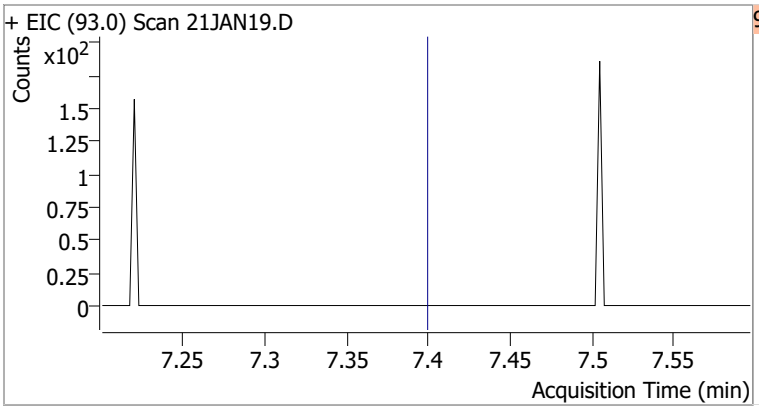


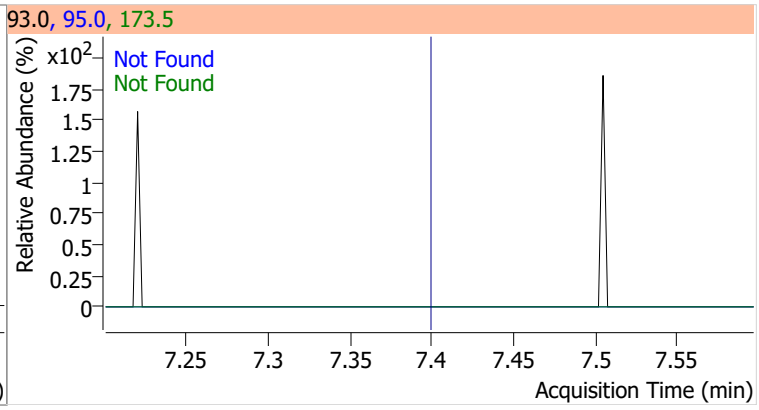
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



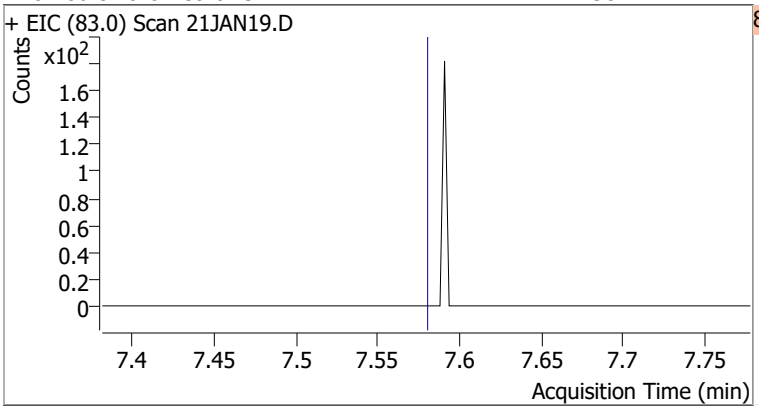


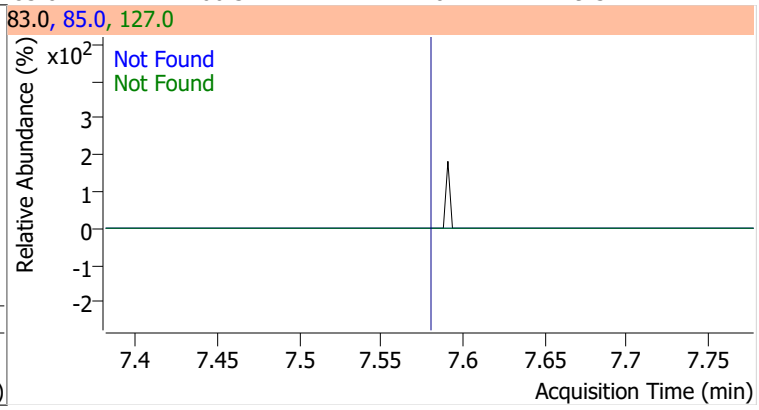
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



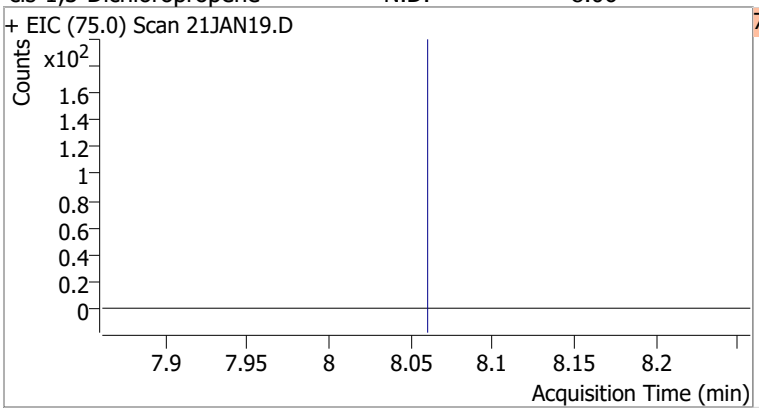


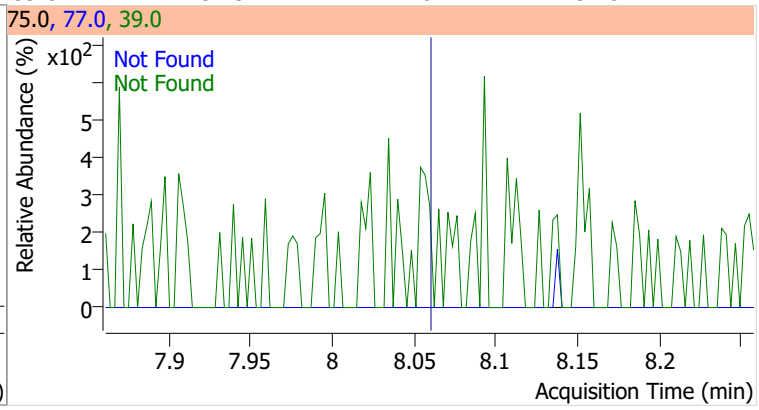
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



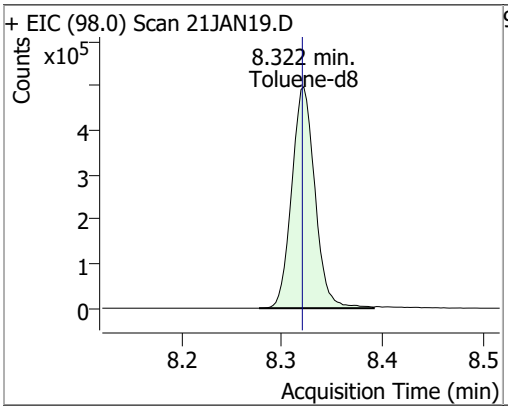


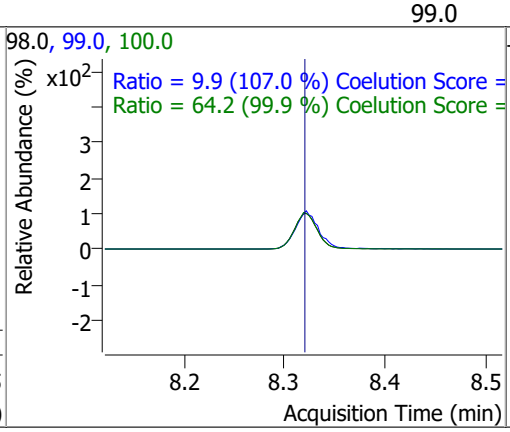
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

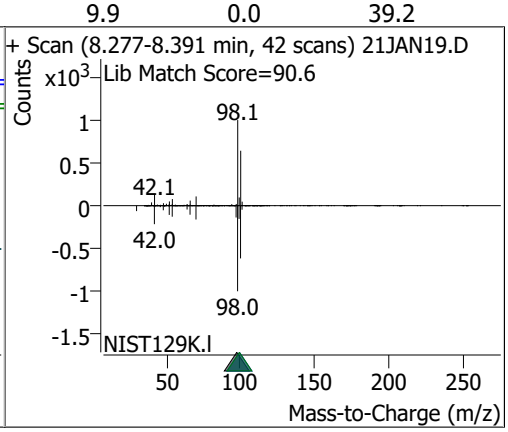




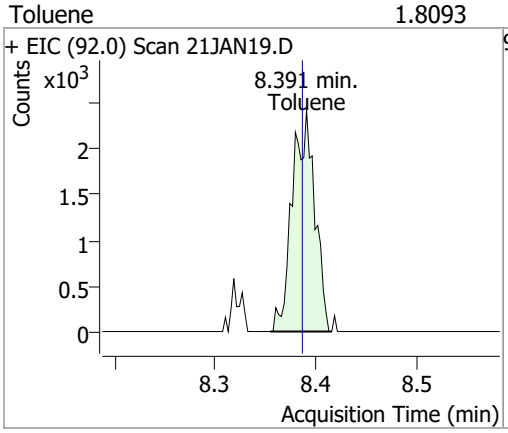
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	255.3511	8.32	0.00	800364	100.0	64.2	34.3	94.3
					99.0	9.9	0.0	39.2

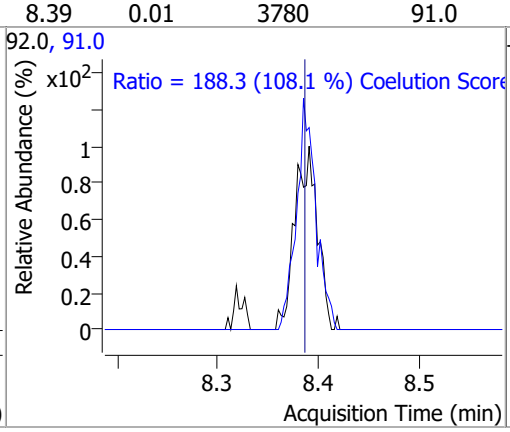


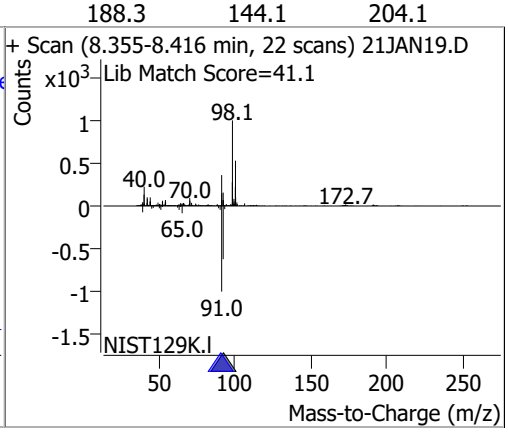




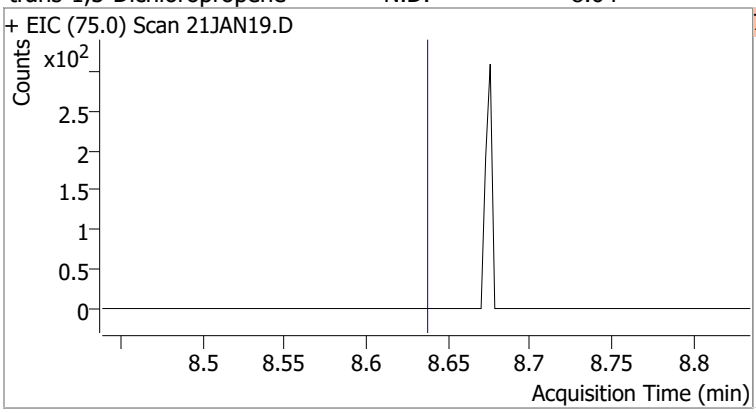
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.8093	8.39	0.01	3780	91.0	188.3	144.1	204.1

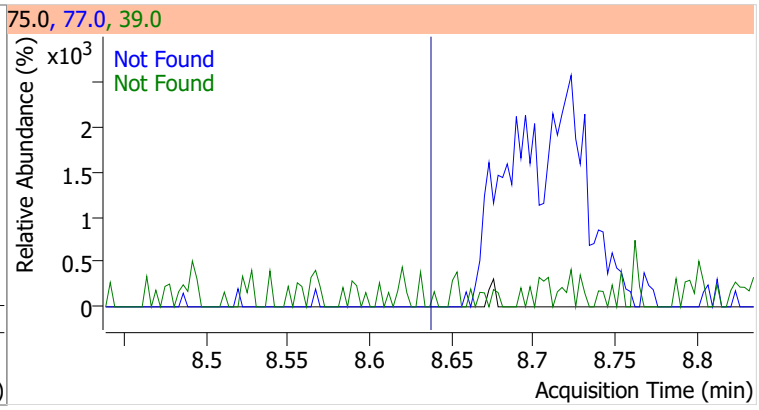




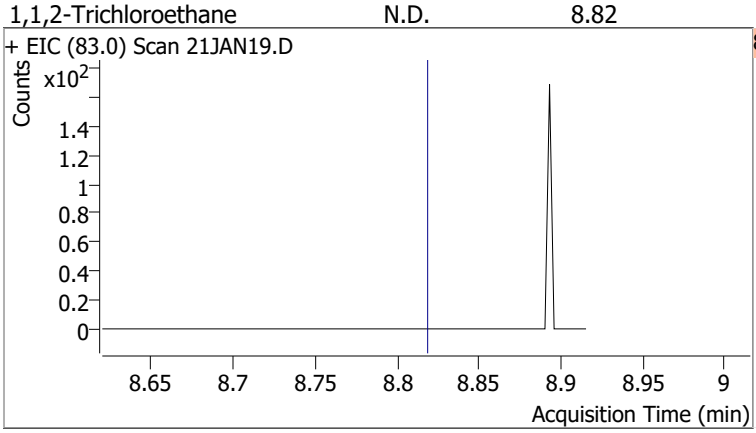


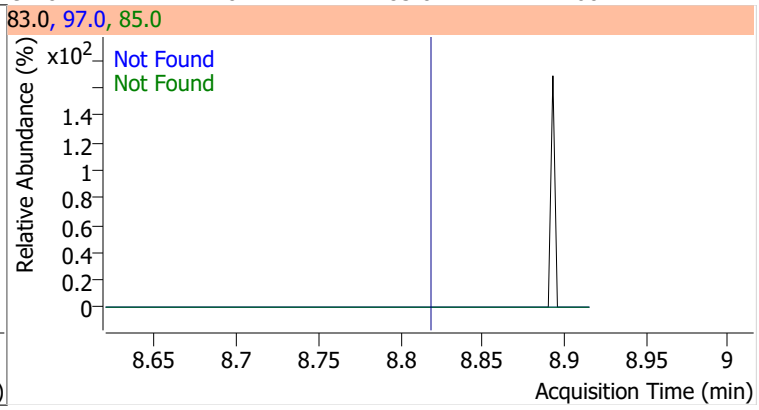
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



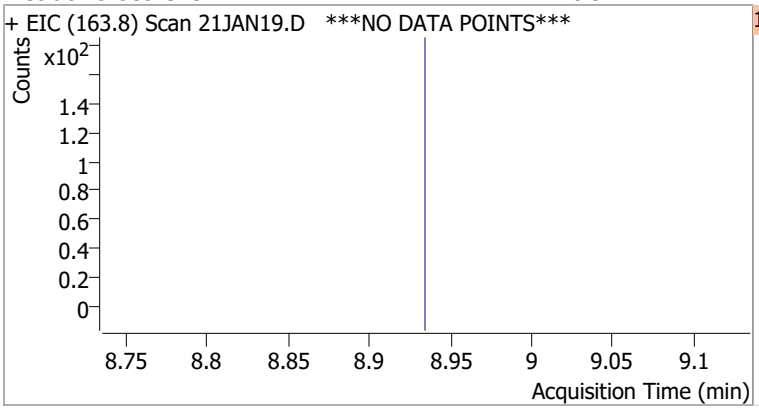


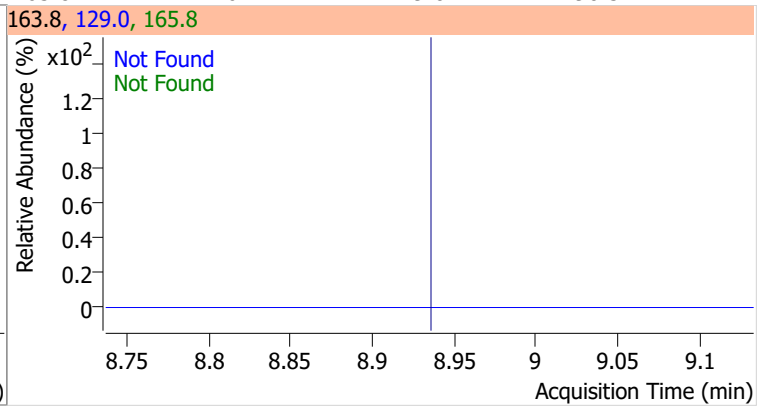
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



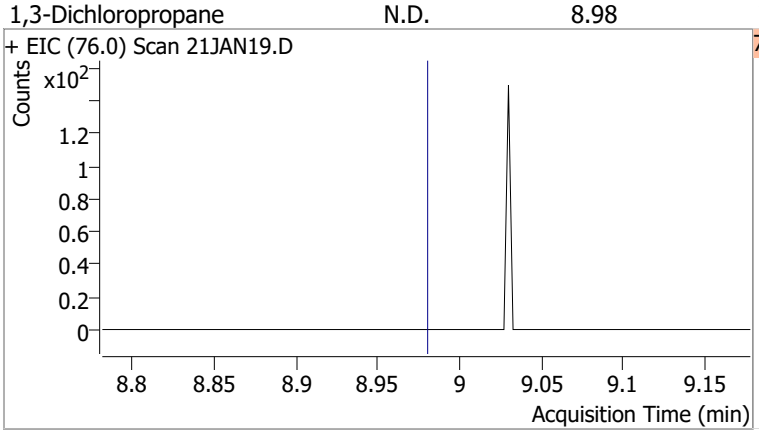


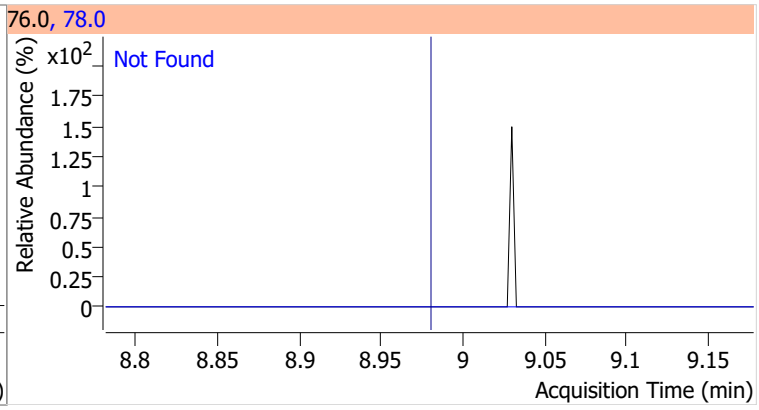
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



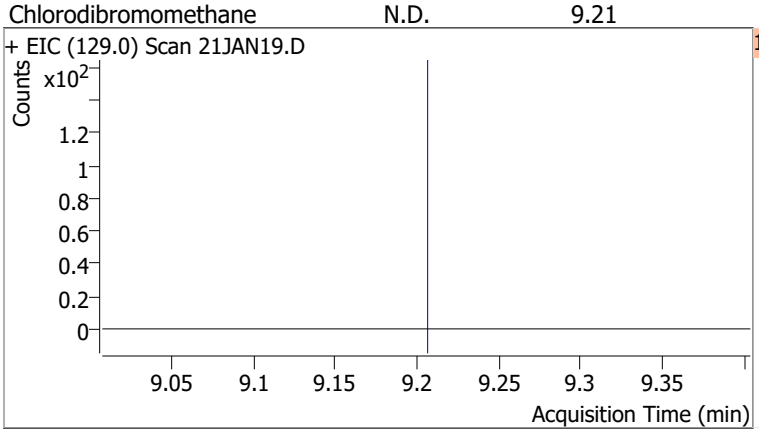


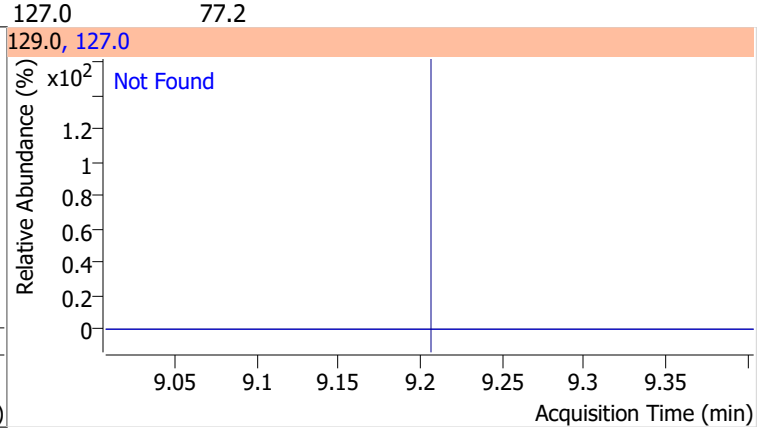
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



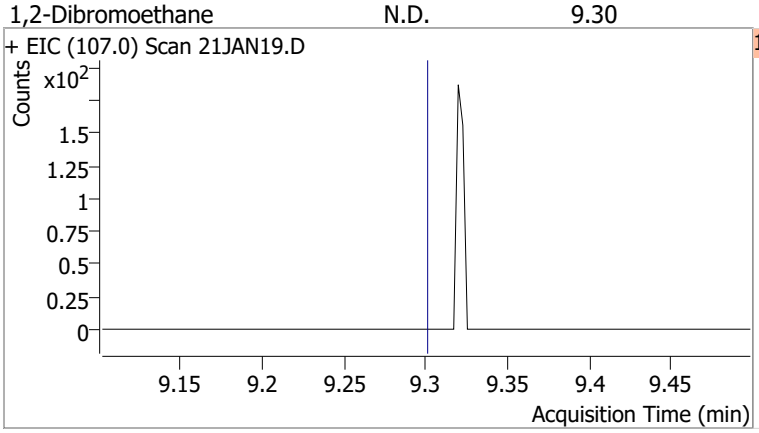


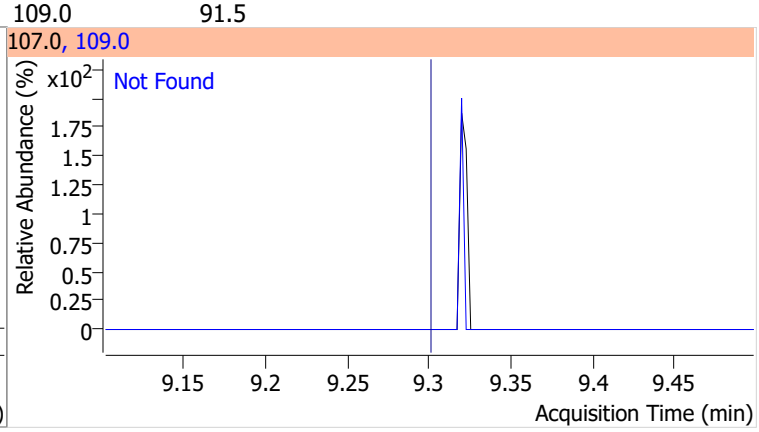
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



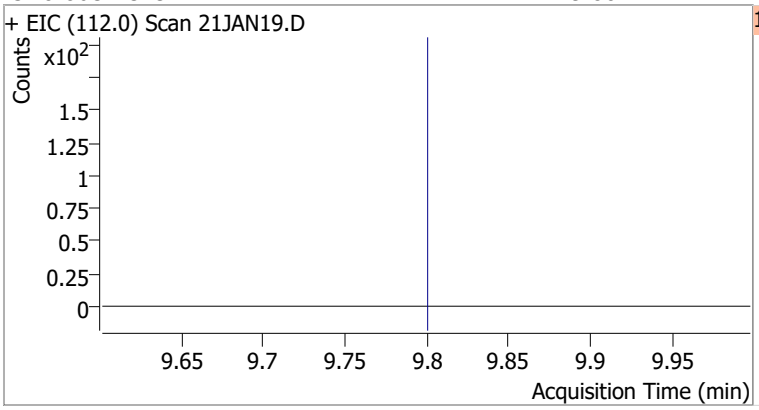


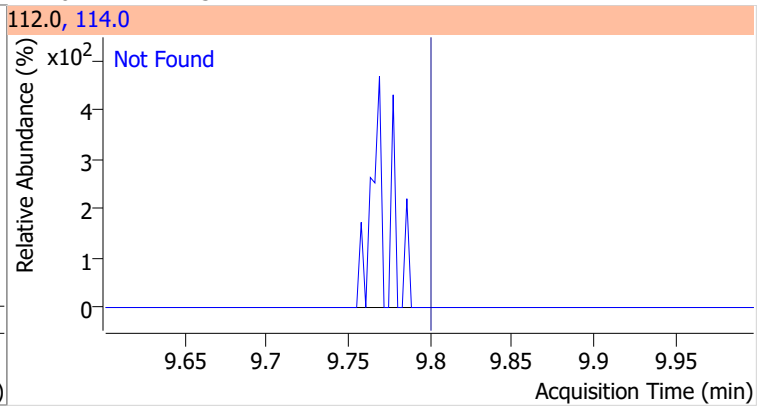
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



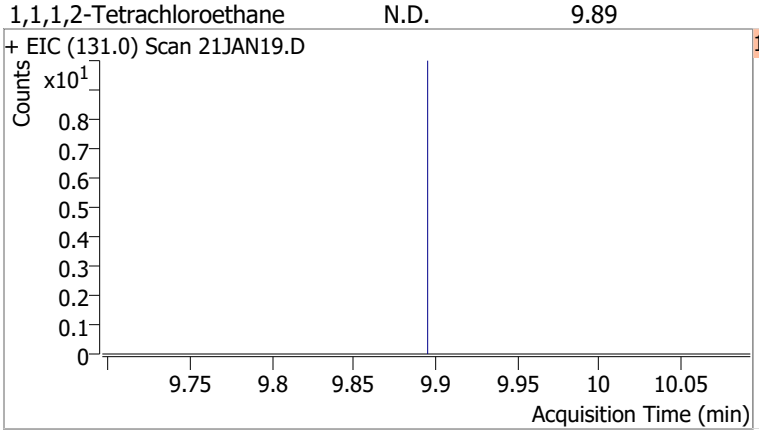


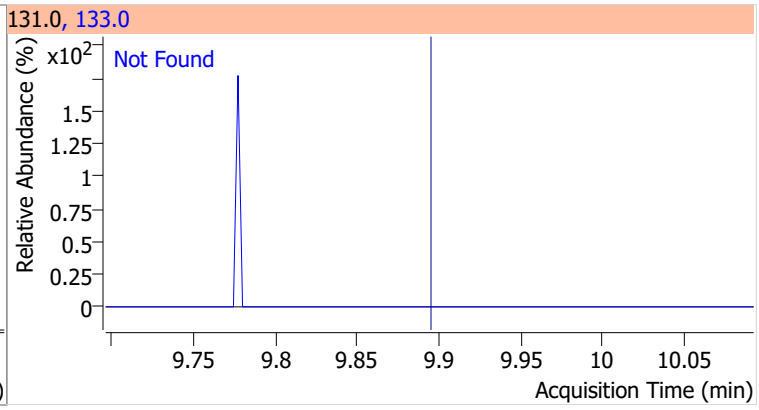
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



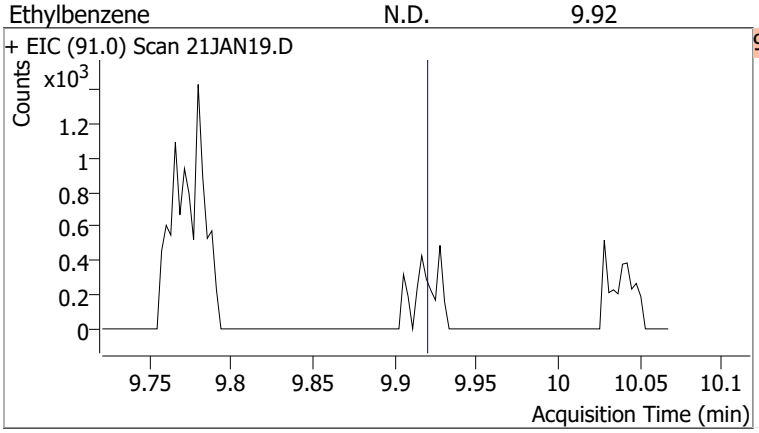


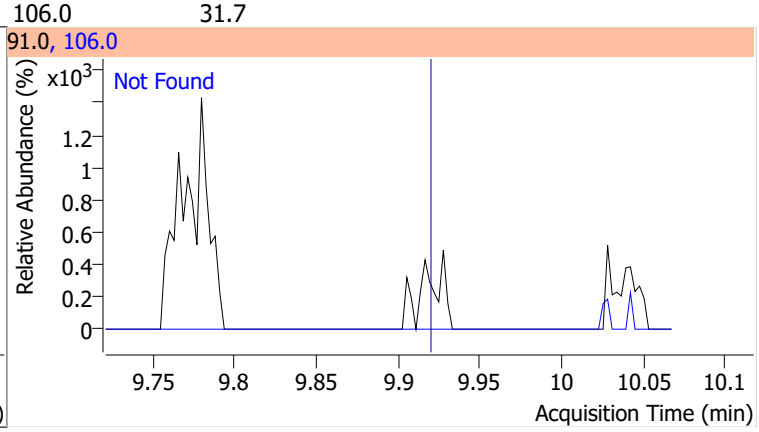
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



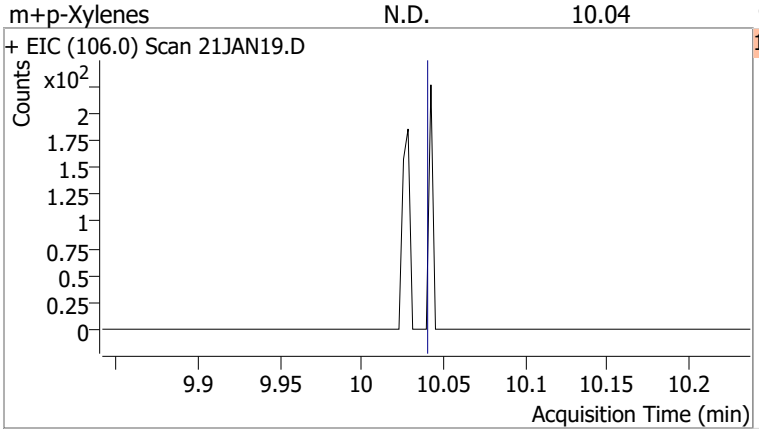


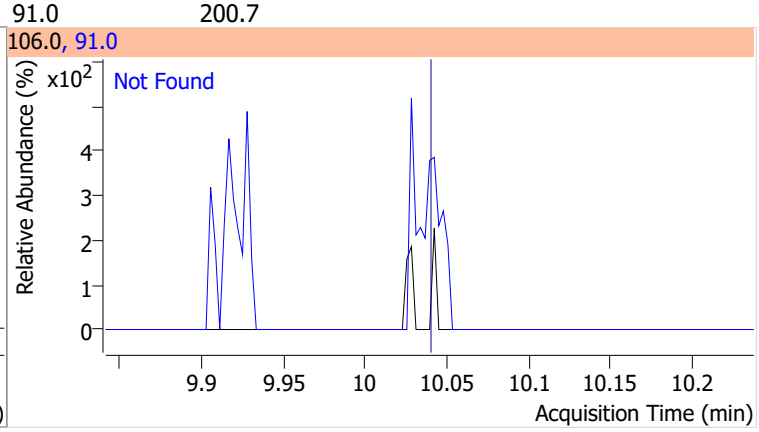
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



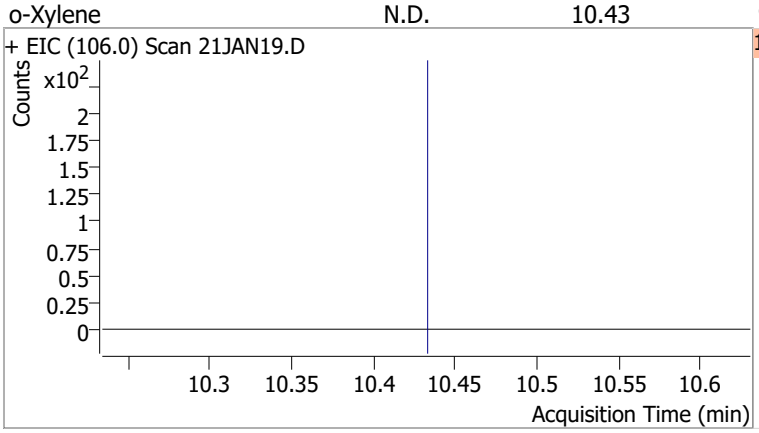


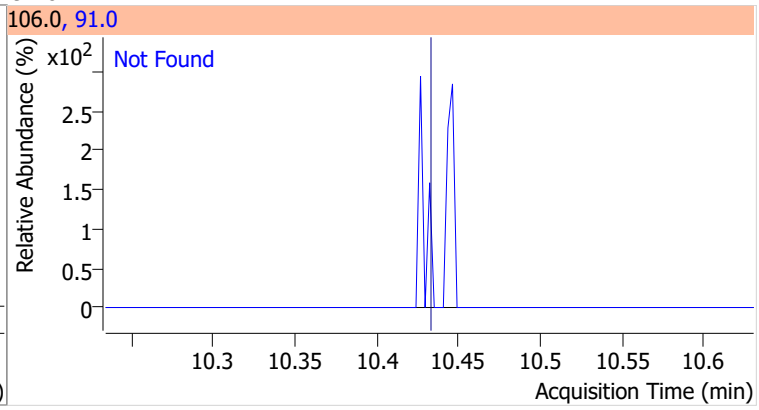
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



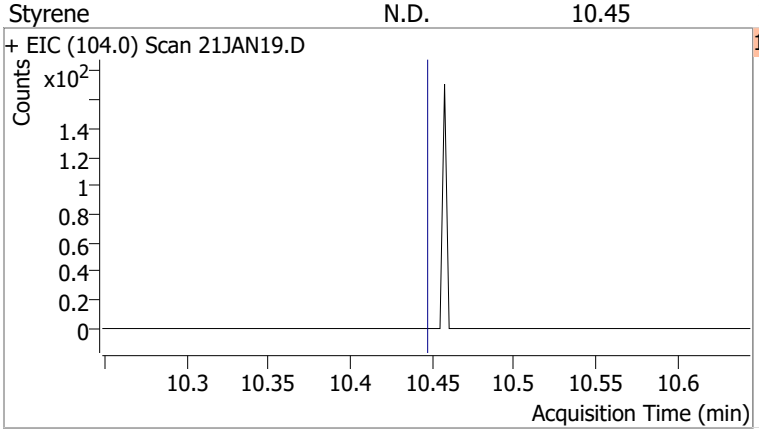


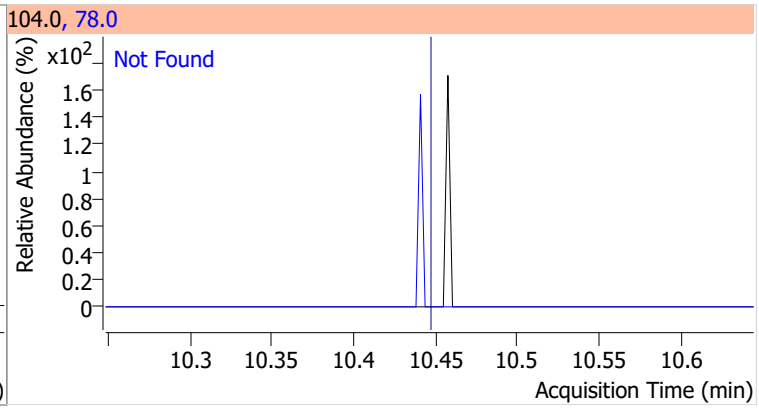
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



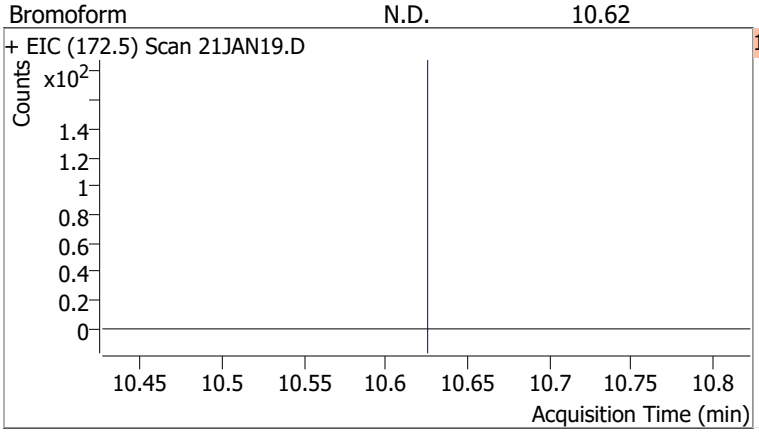


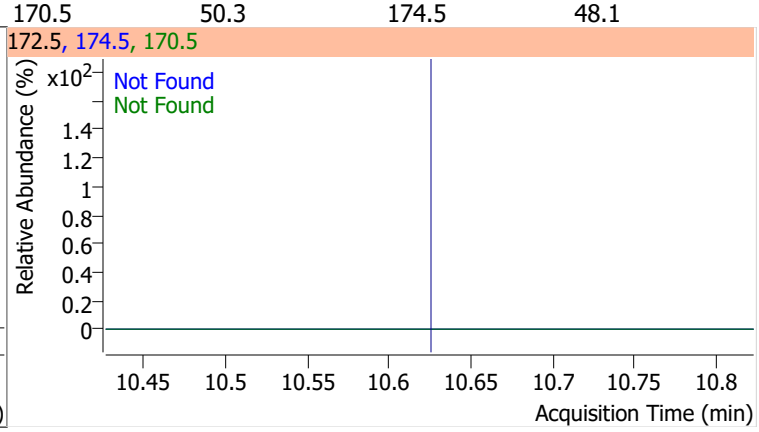
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



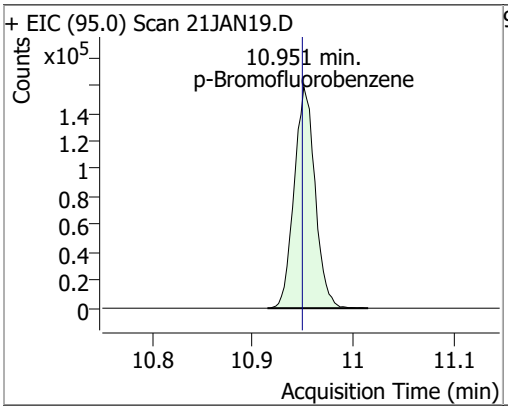


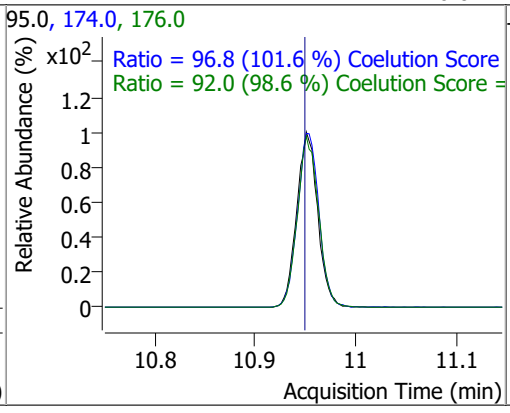
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

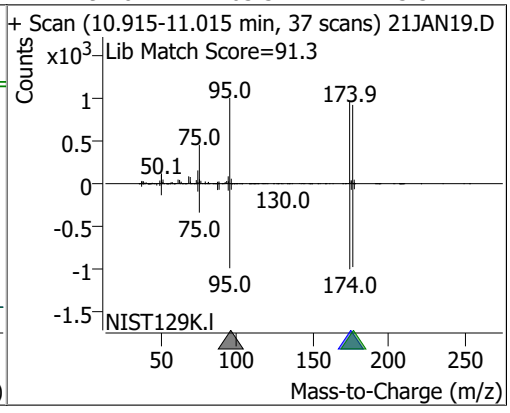




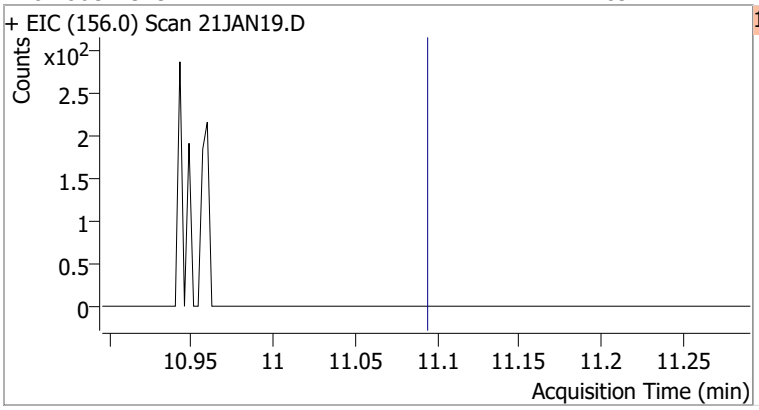
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	261.3380	10.95	0.00	230231	174.0	96.8	65.3	125.3
					176.0	92.0	63.3	123.3

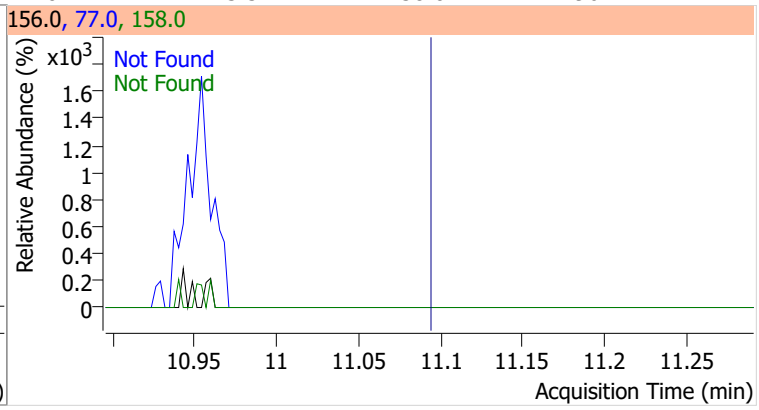




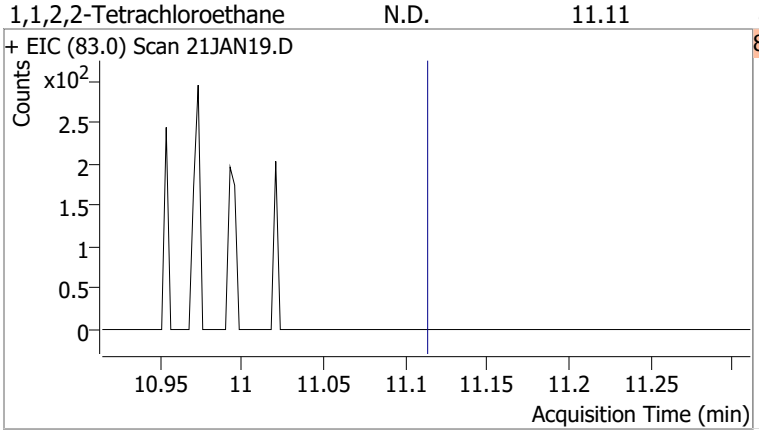


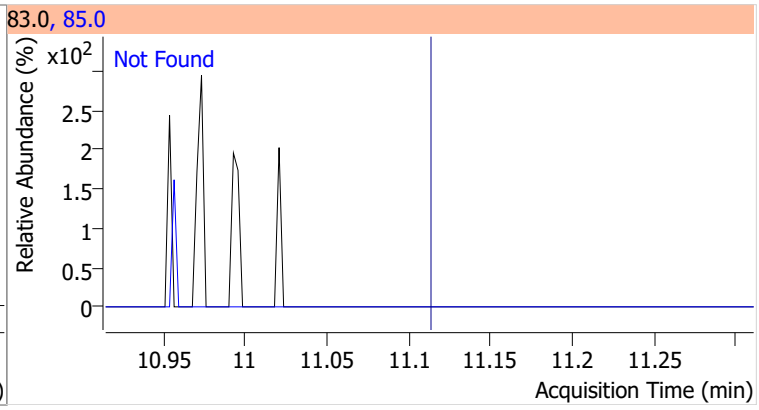
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



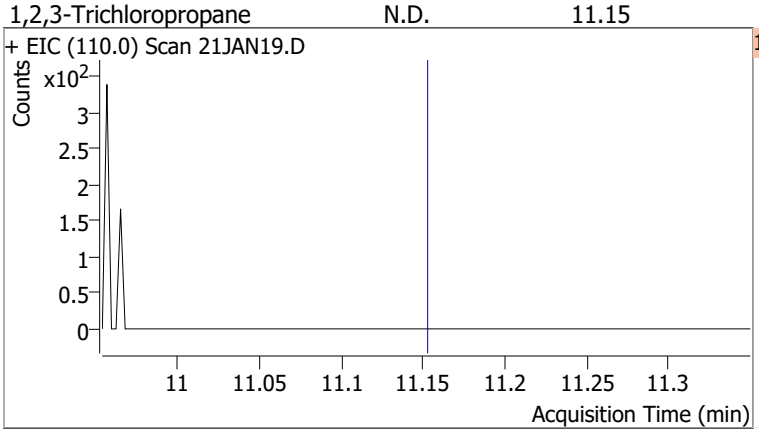


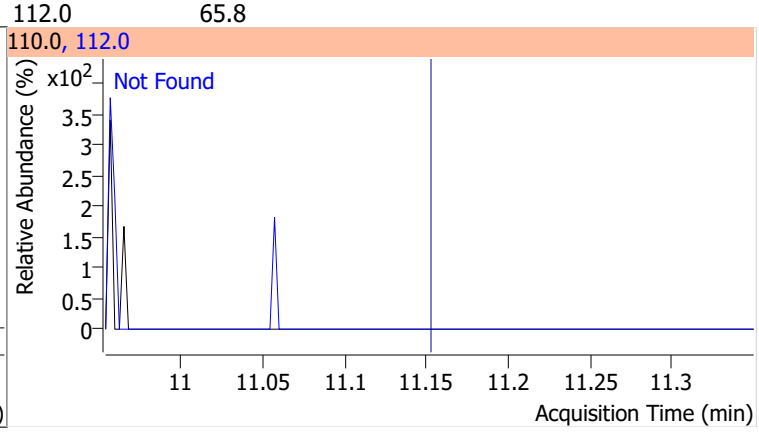
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



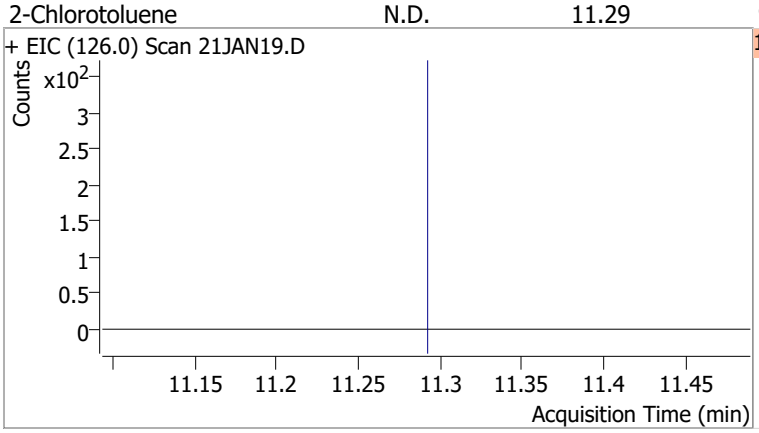


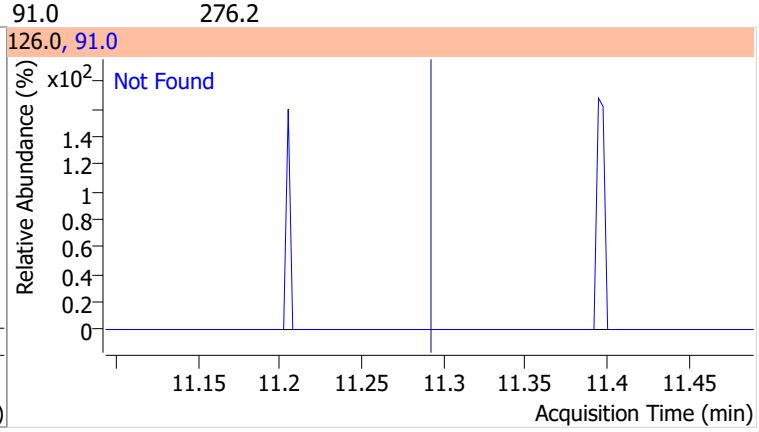
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



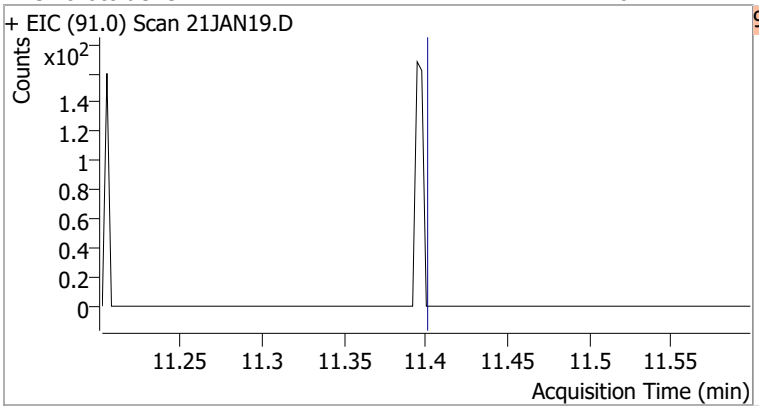


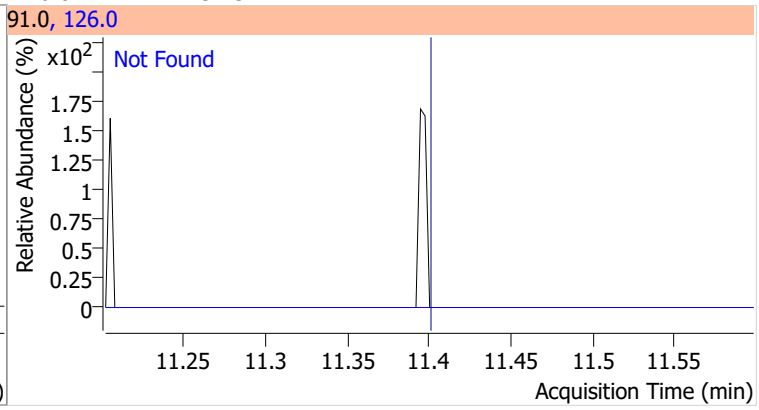
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



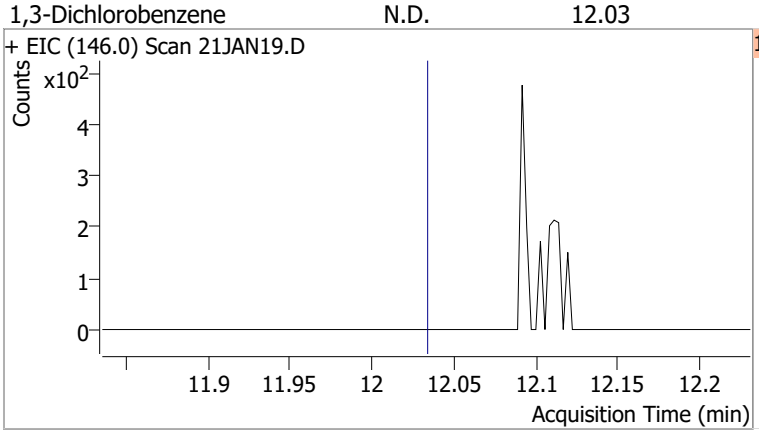


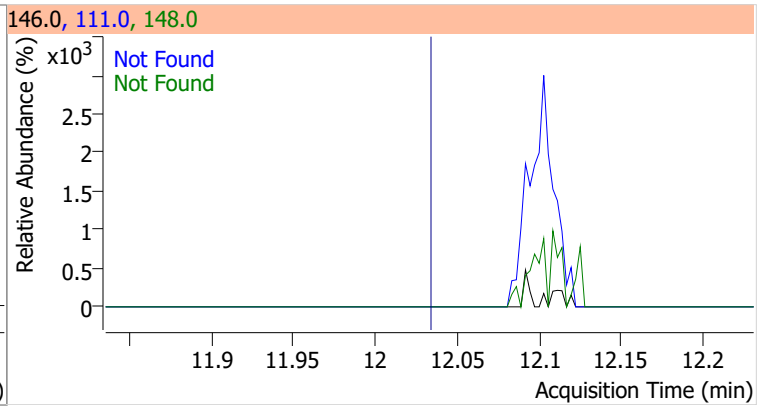
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



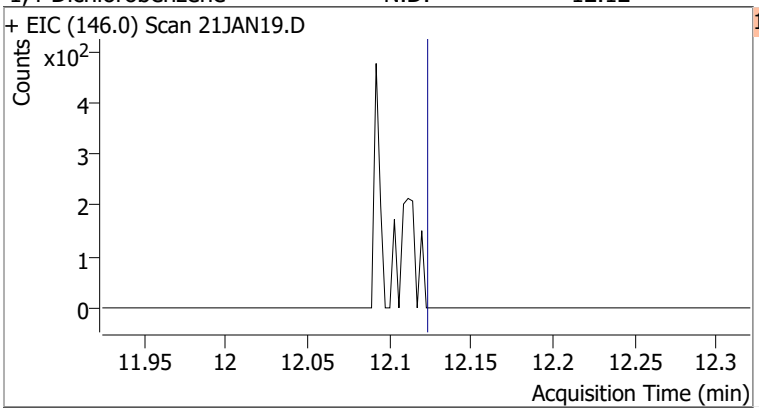


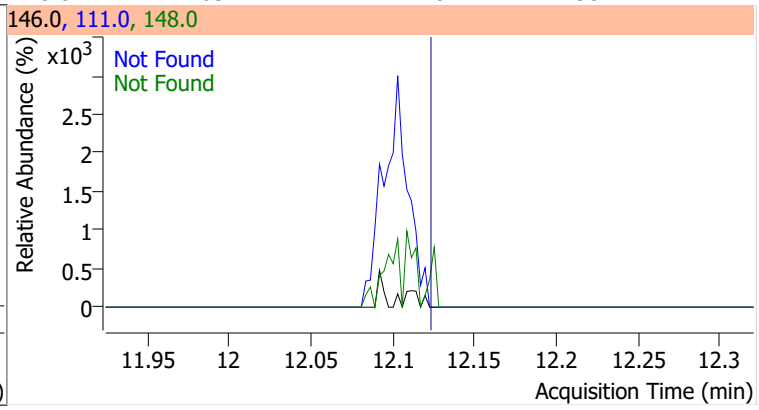
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



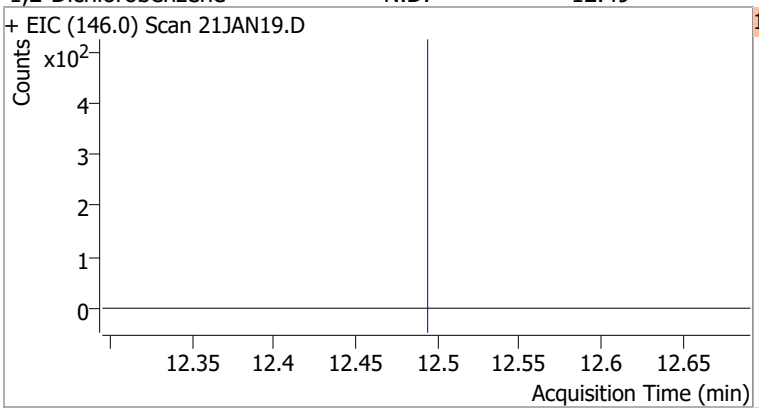


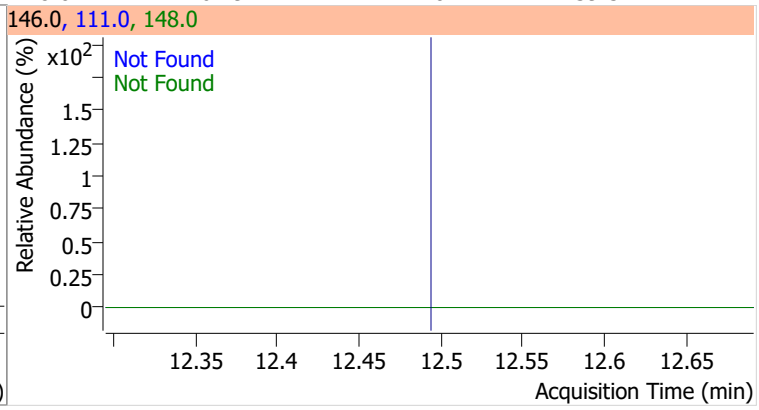
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





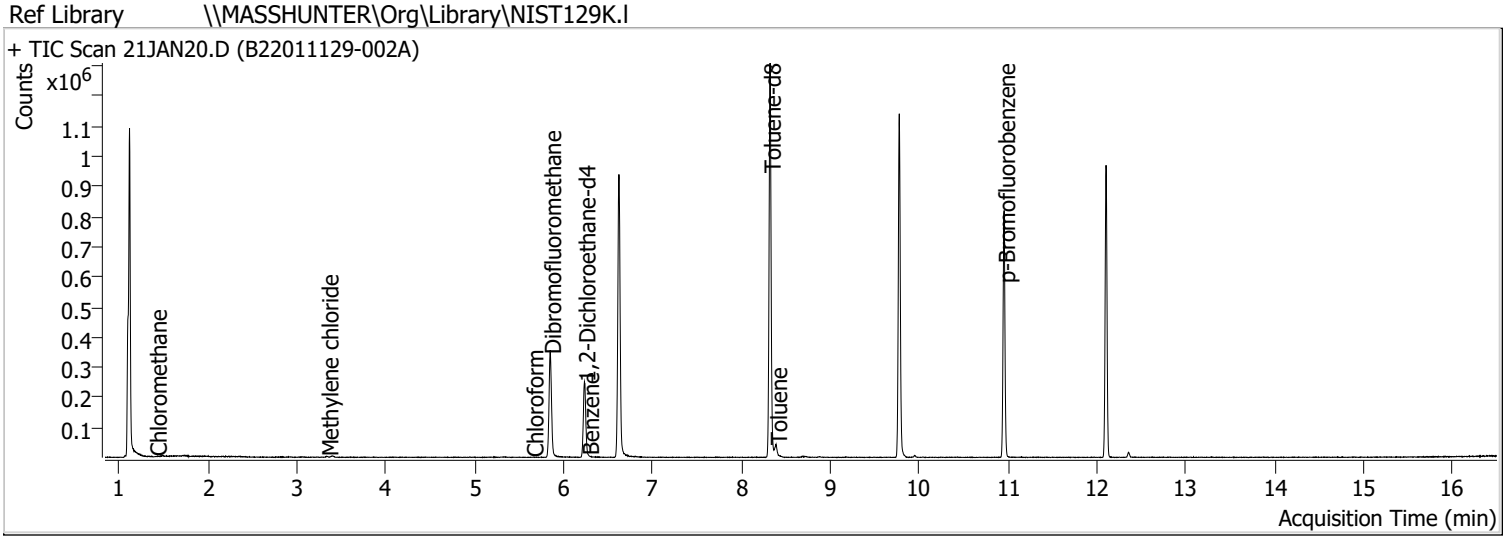
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN20.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 6:26:07 PM
Sample Name	B22011129-002A	Instrument	VOA5975C
Vial	20	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

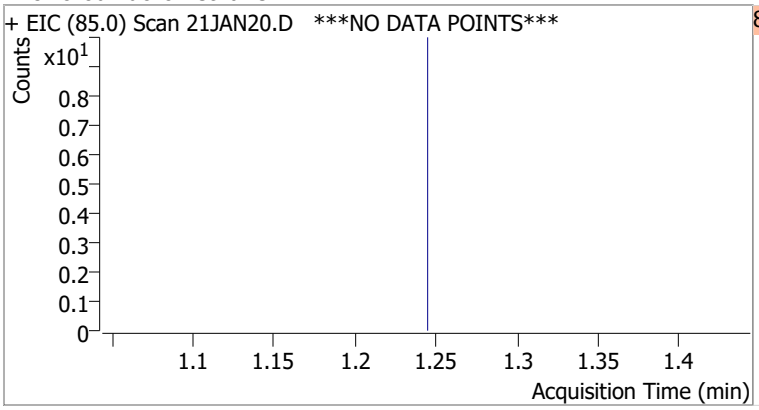


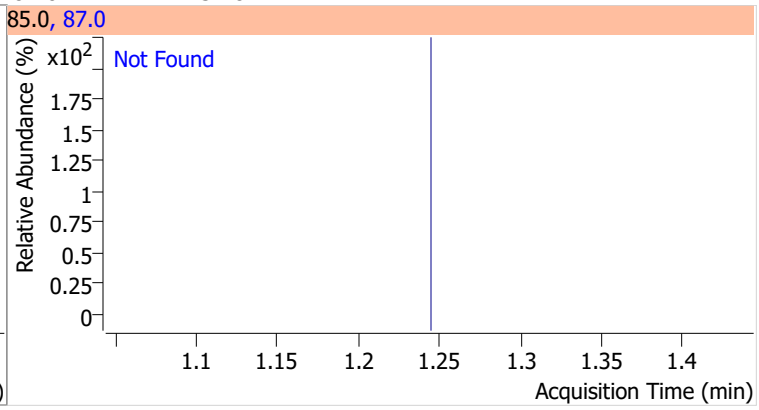
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	792609	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	309034	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	232477	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	204031	265.7668	ng		-0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.31%			
S 1,2-Dichloroethane-d4	6.233	67.0	90369	272.5001	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 109.00%			
S Toluene-d8	8.319	98.0	771377	255.8529	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 102.34%			
S p-Bromofluorobenzene	10.954	95.0	223116	259.9332	ng		0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.97%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.411	50.0	540	0.4302	ng	m	93
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	2250	1.9418	ng	m	90
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	382	0.2481	ng	m	85

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.275	78.0	147	0.0465	ng	m	90
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.389	92.0	12137	6.0394	ng		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.			

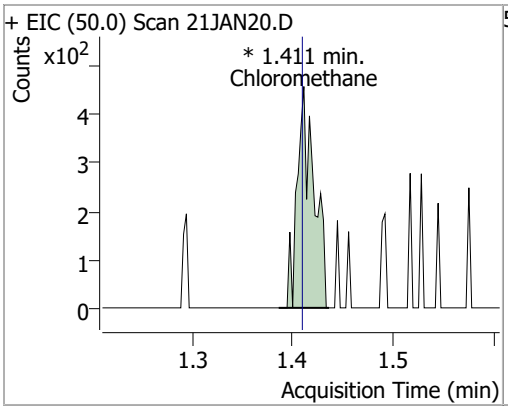
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

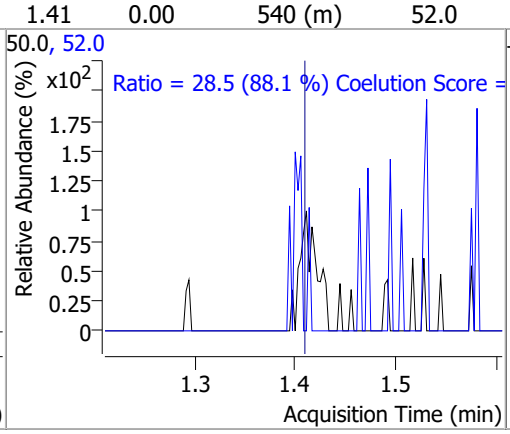
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

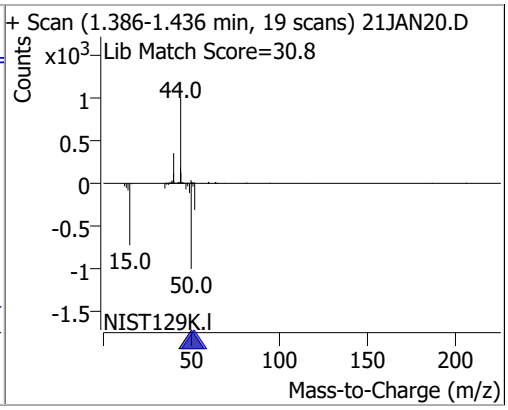




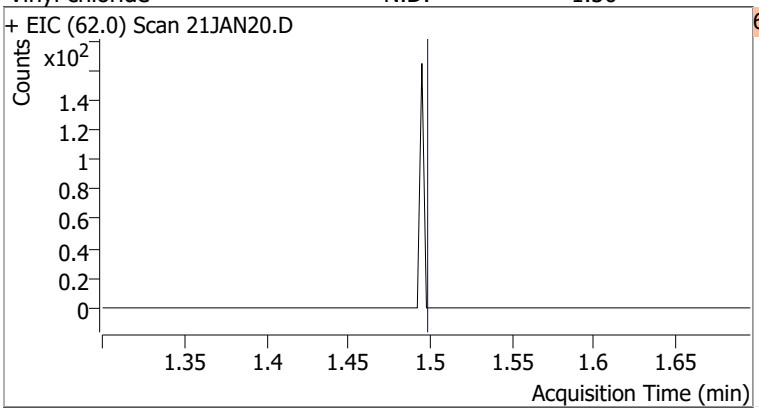
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.4302	1.41	0.00	540 (m)	52.0	28.5	2.4	62.4

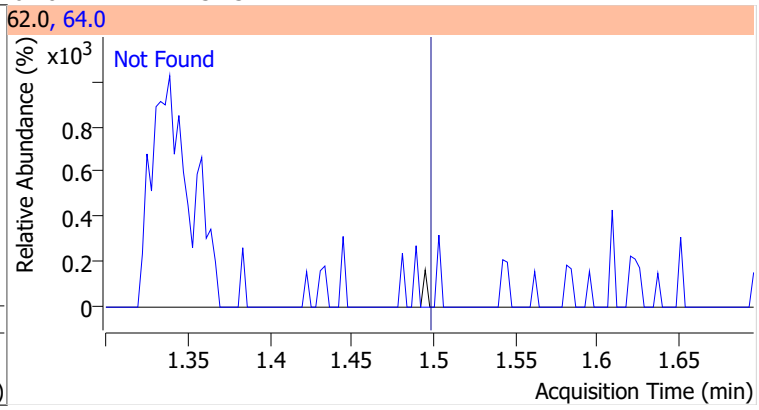




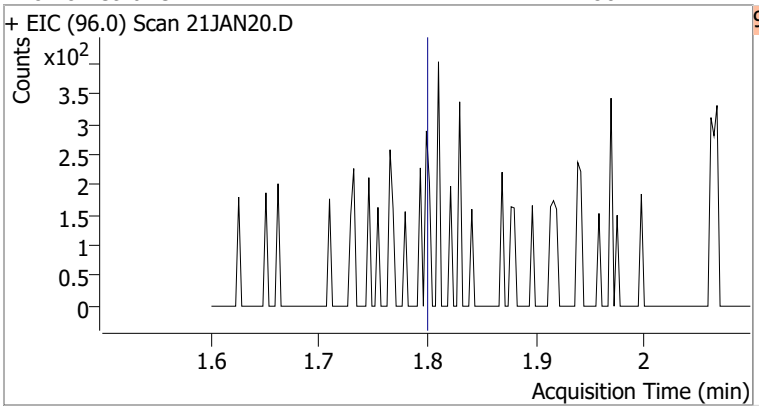


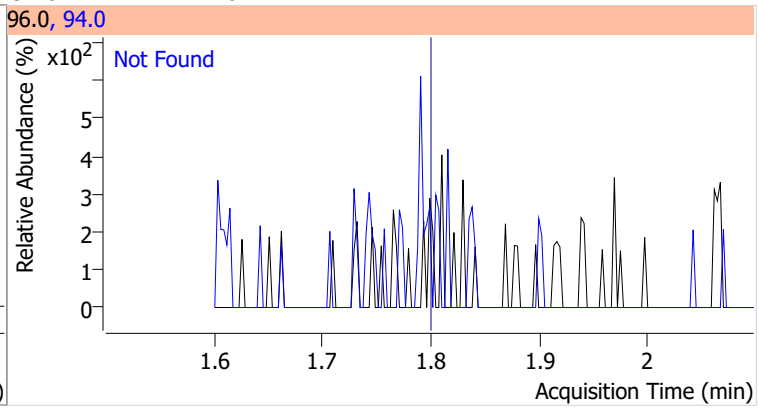
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



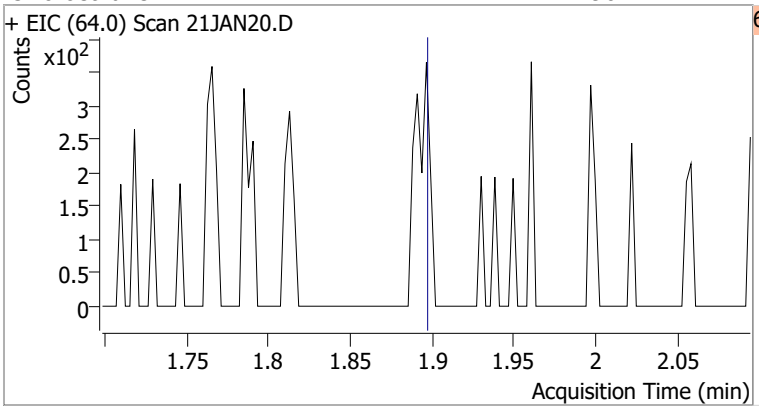


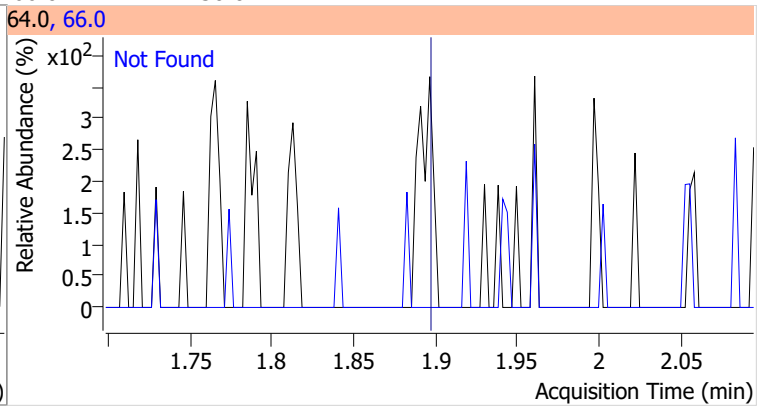
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



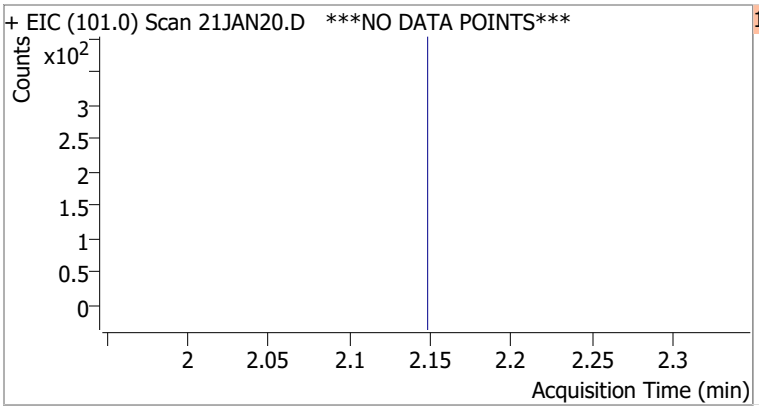


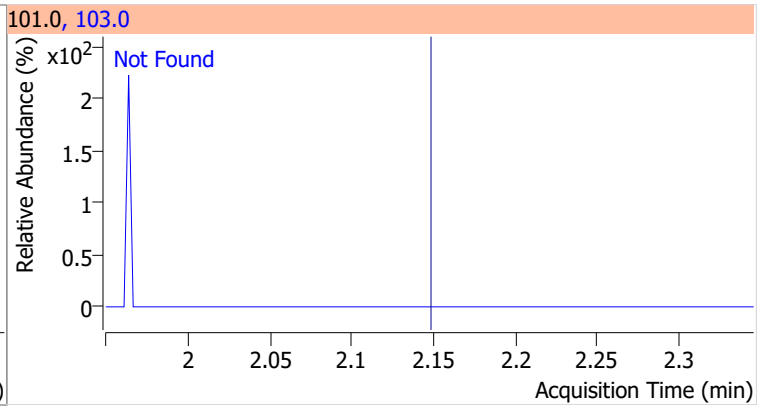
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



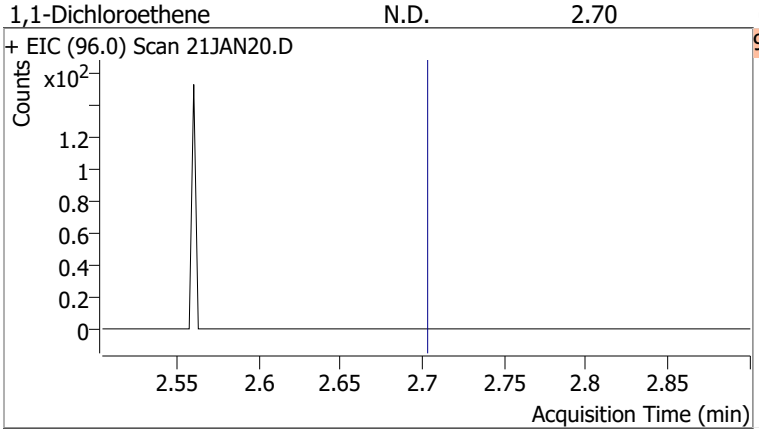


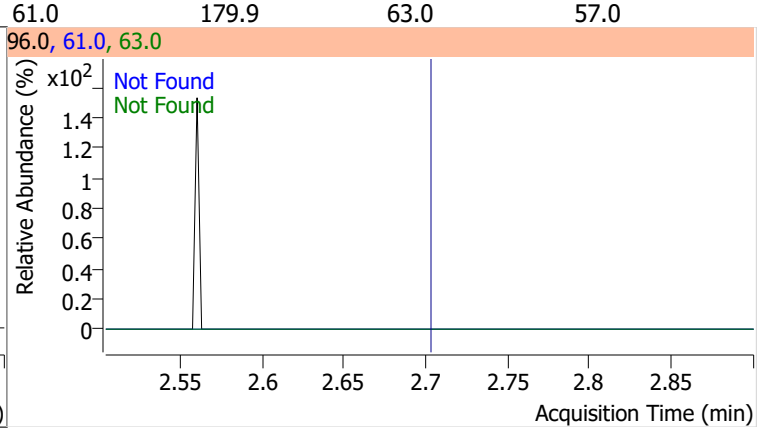
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



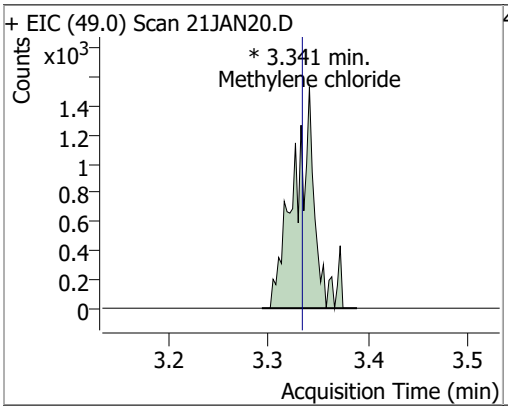


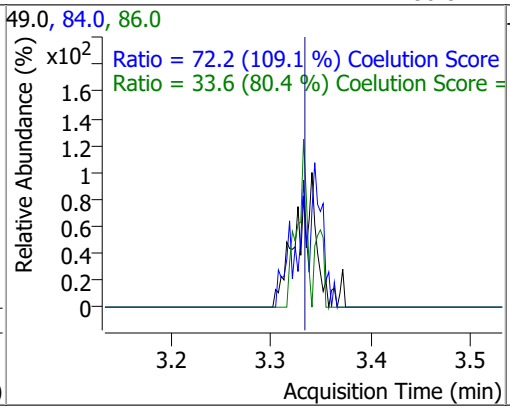
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

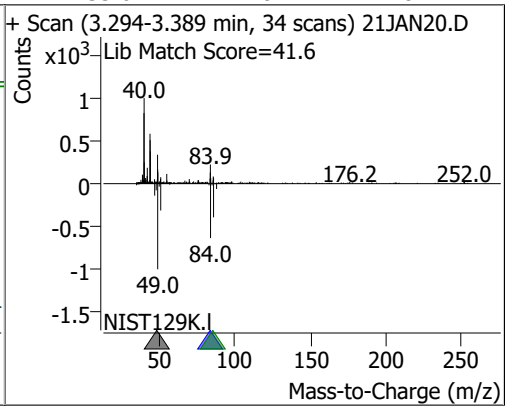




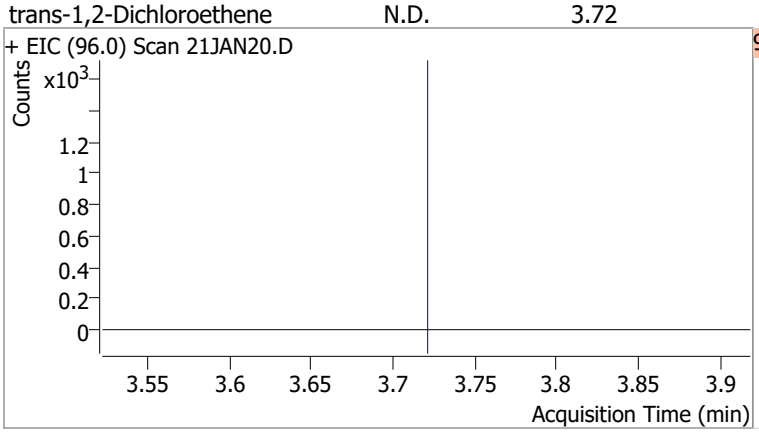
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.9418	3.34	0.01	2250 (m)	84.0	72.2	36.1	96.1
					86.0	33.6	11.8	71.8

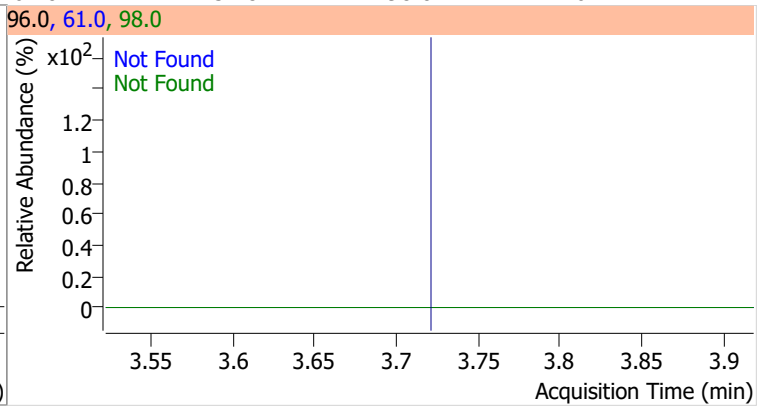




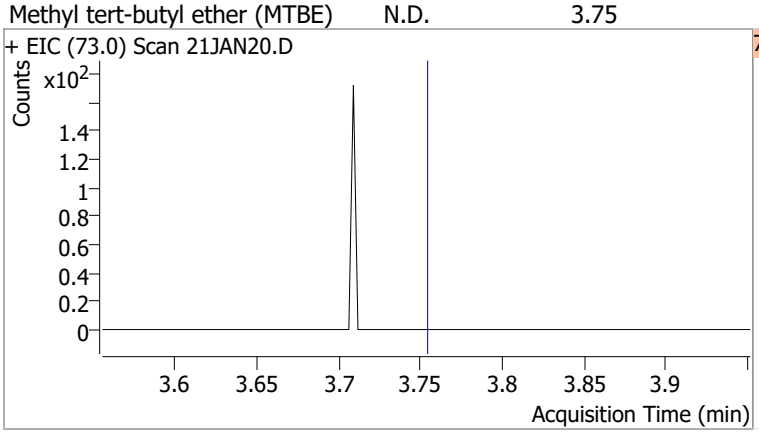


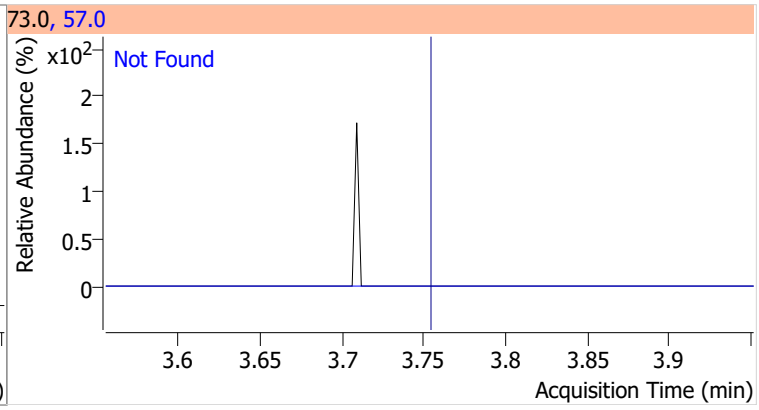
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



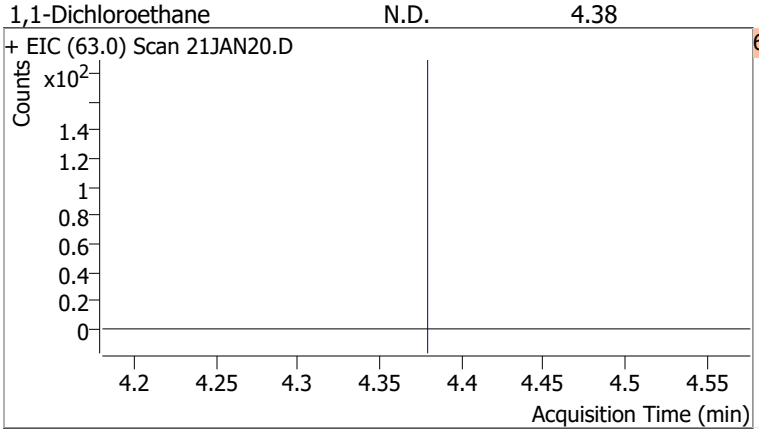


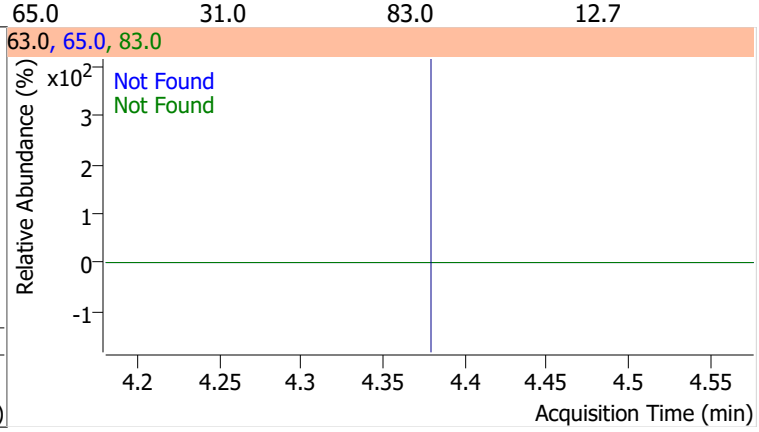
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



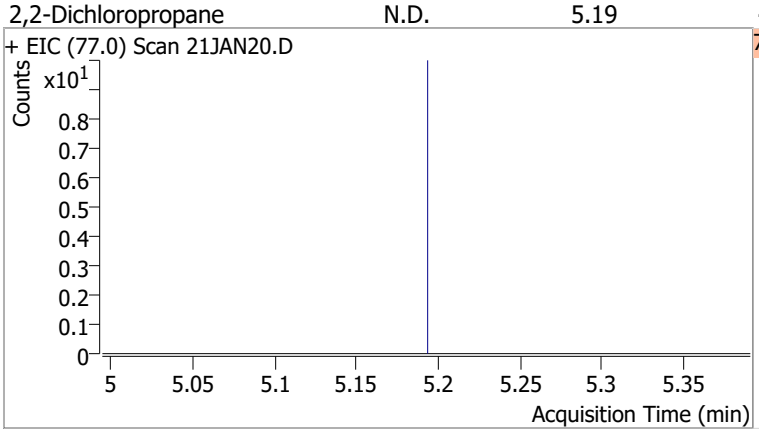


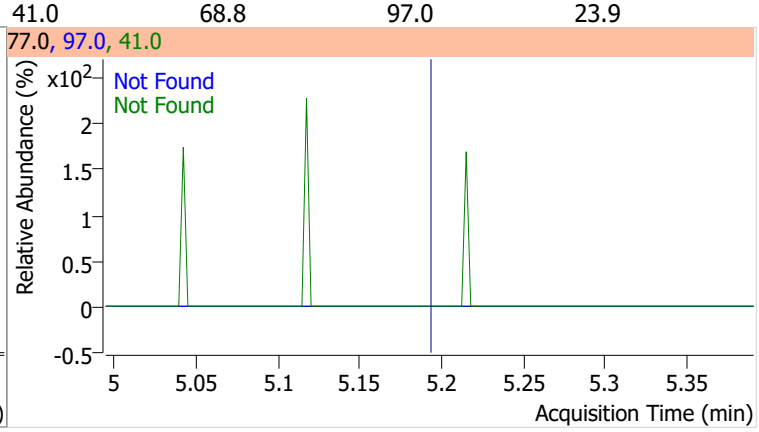
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



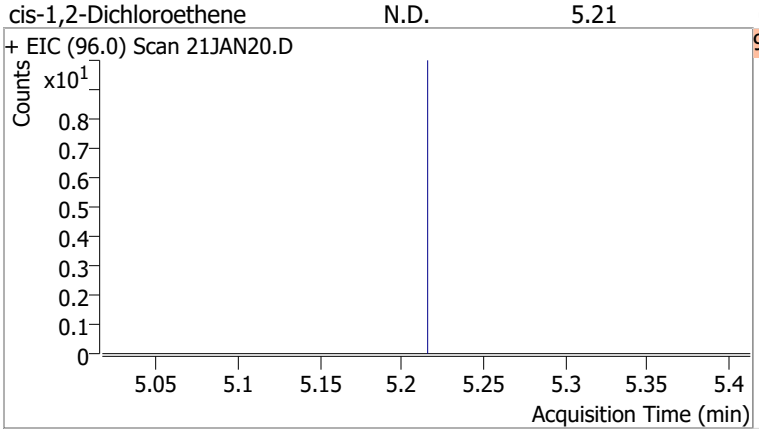


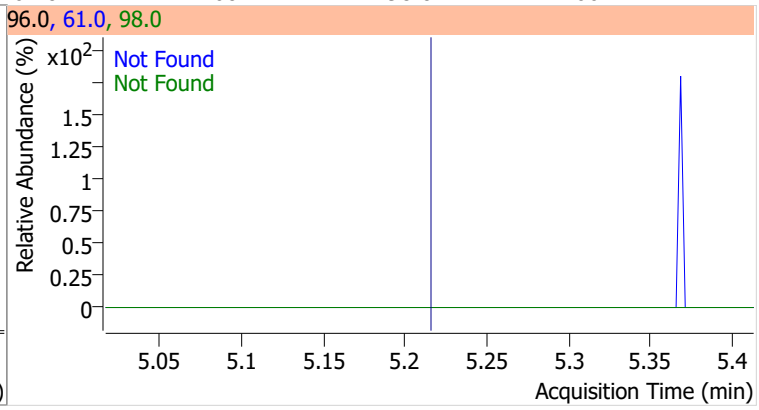
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



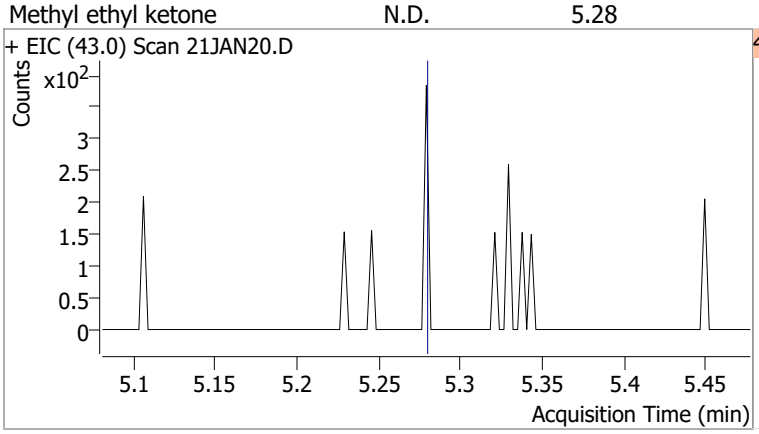


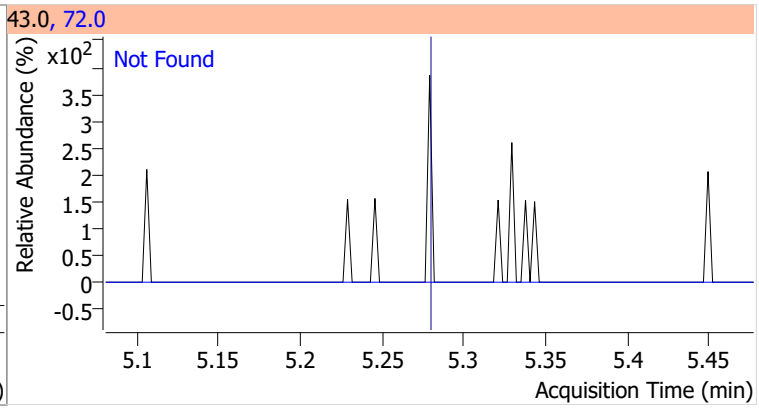
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



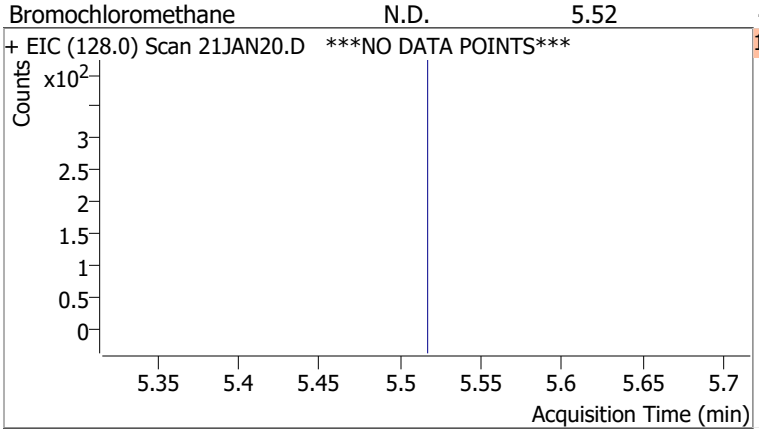


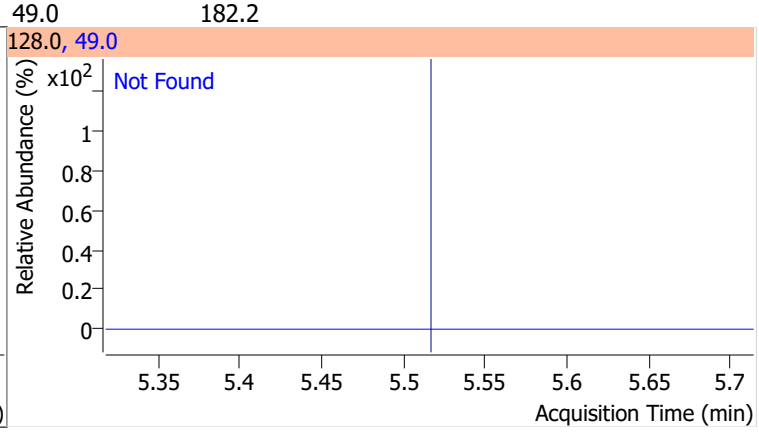
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



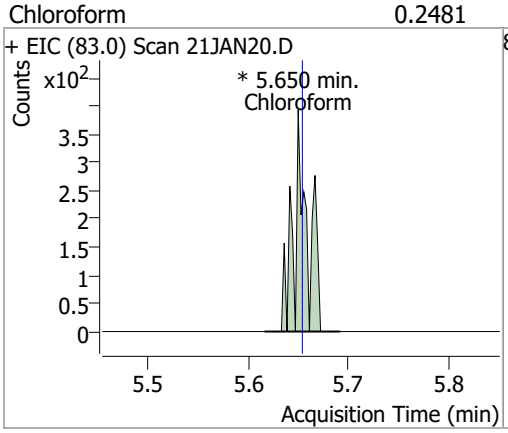


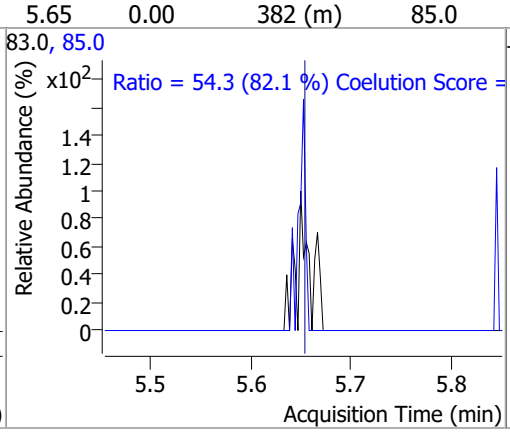
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2

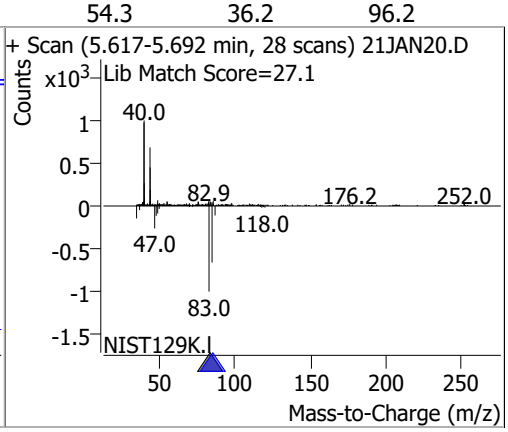




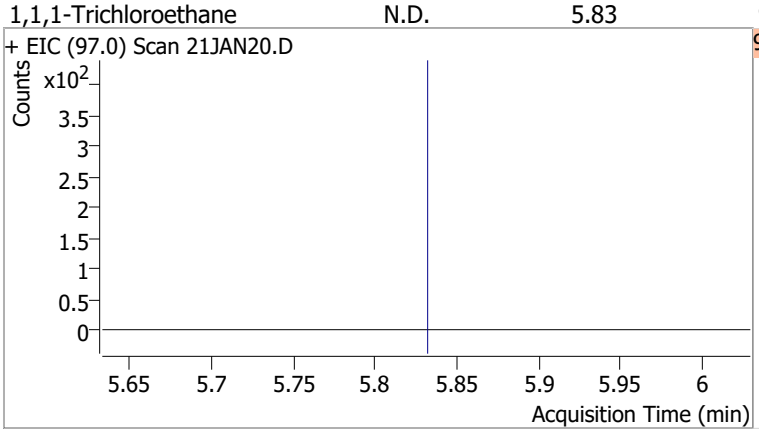
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.2481	5.65	0.00	382 (m)	85.0	54.3	36.2	96.2

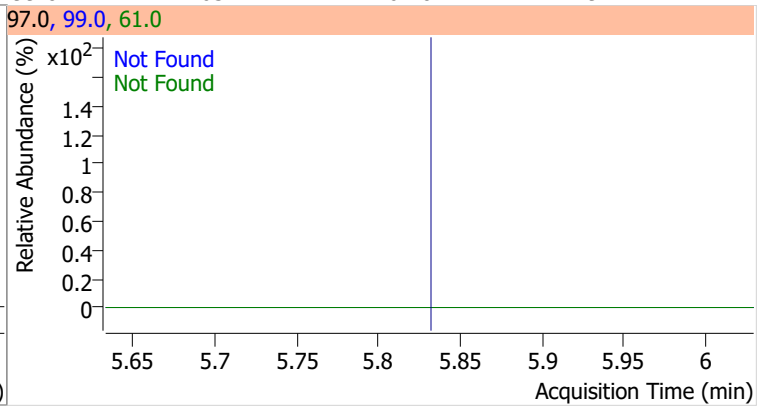




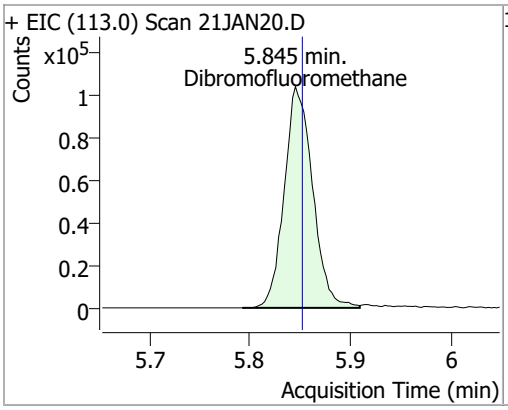


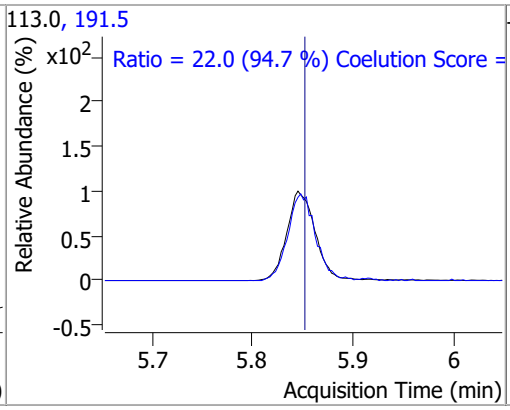
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

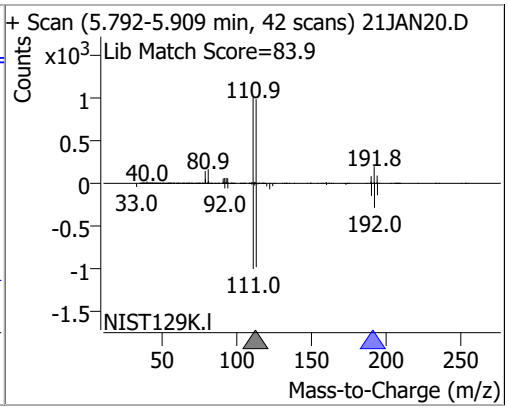




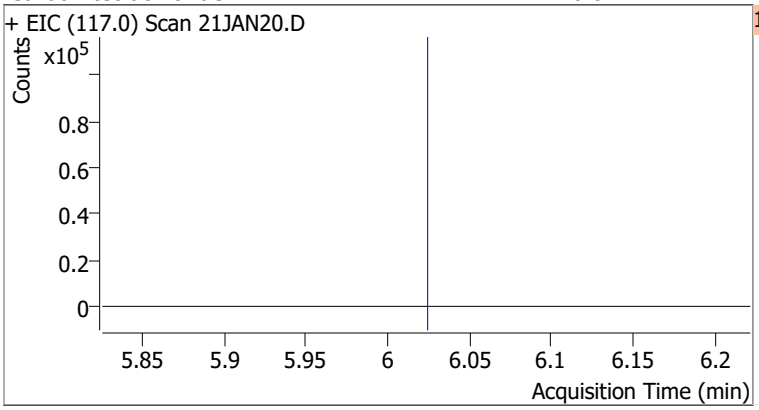
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	265.7668	5.85	-0.01	204031	191.5	22.0	0.0	53.2

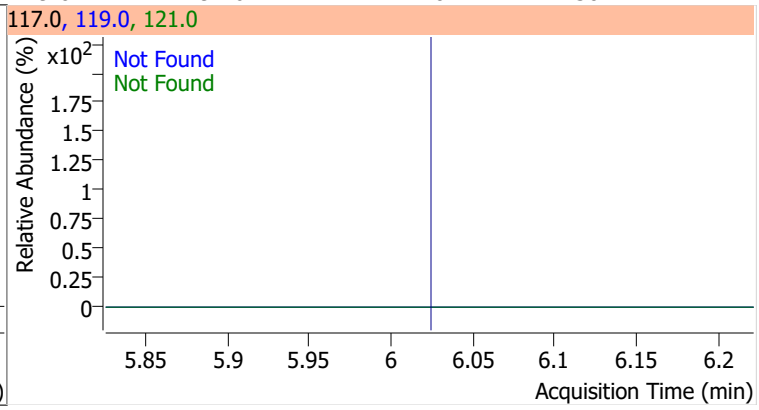




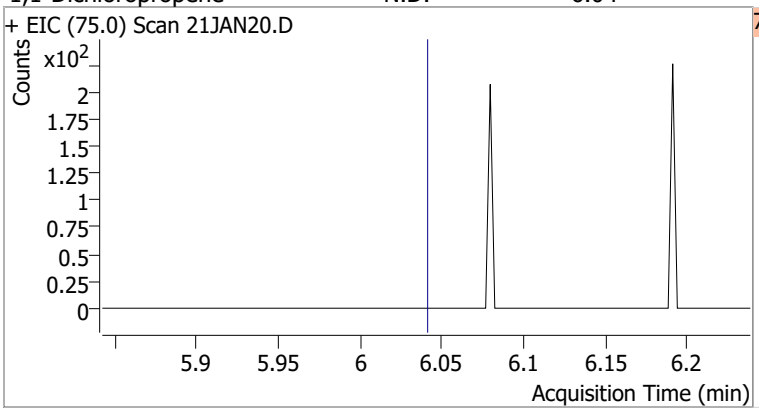


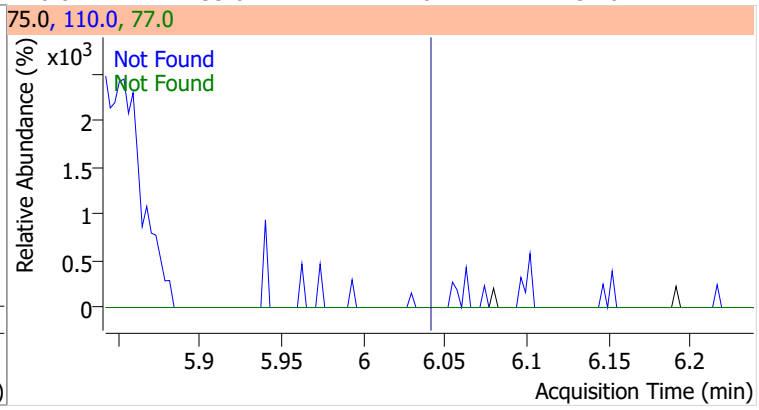
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



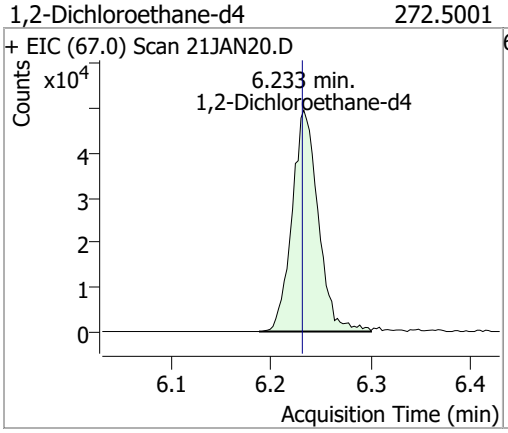


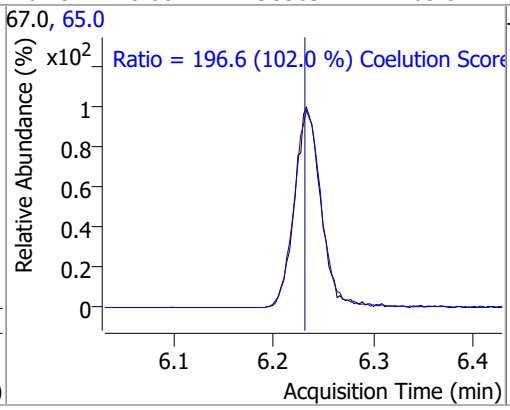
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

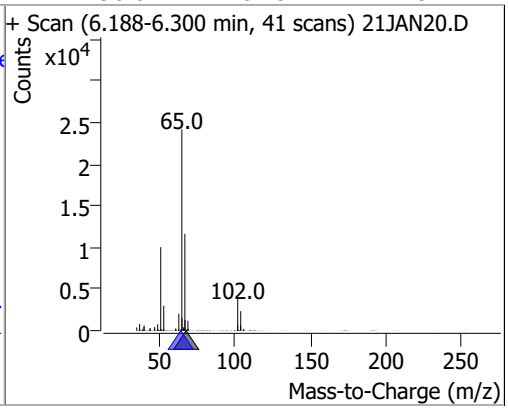




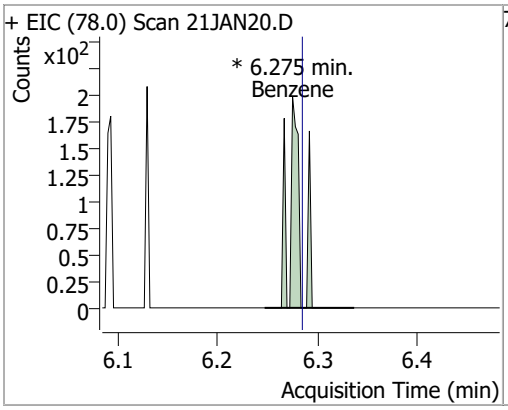
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	272.5001	6.23	0.00	90369	65.0	196.6	162.8	222.8

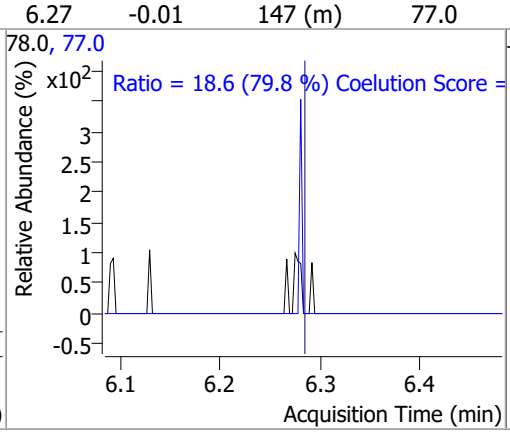


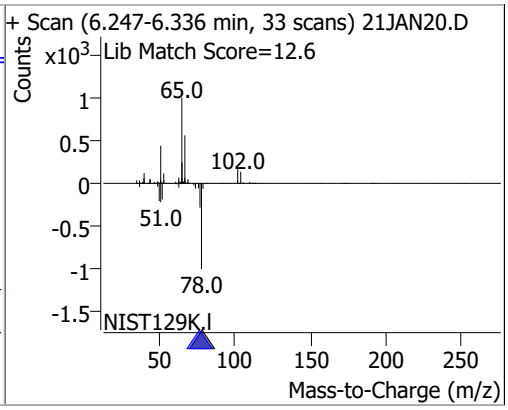




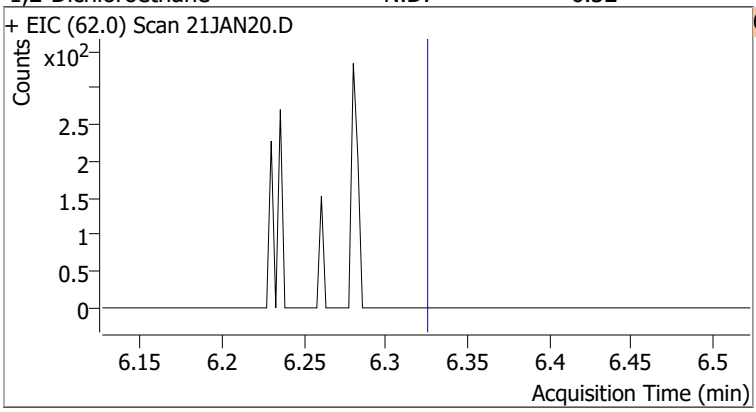
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.0465	6.27	-0.01	147 (m)	77.0	18.6	0.0	53.3

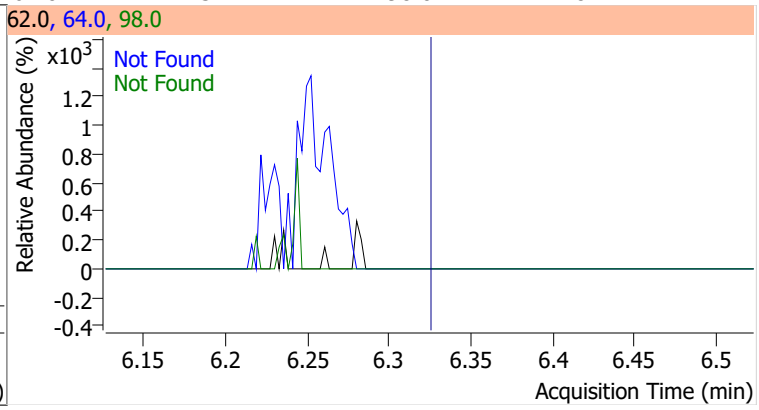




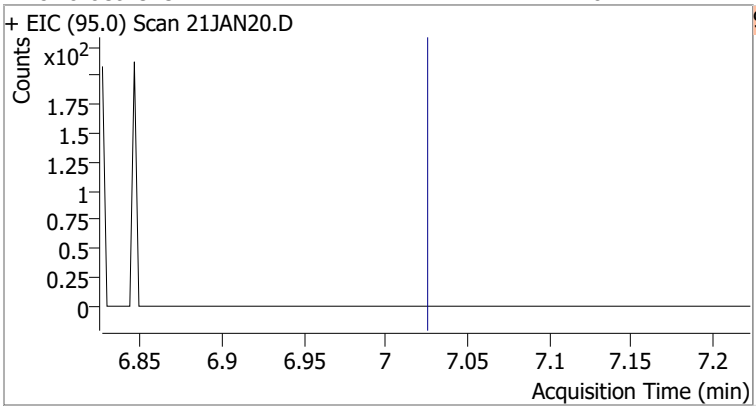


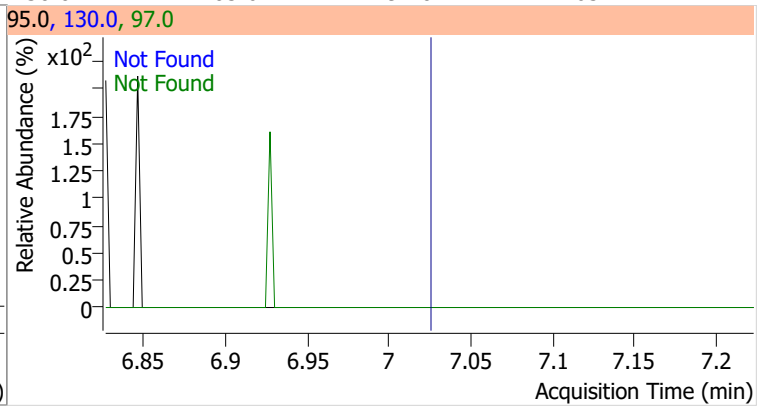
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



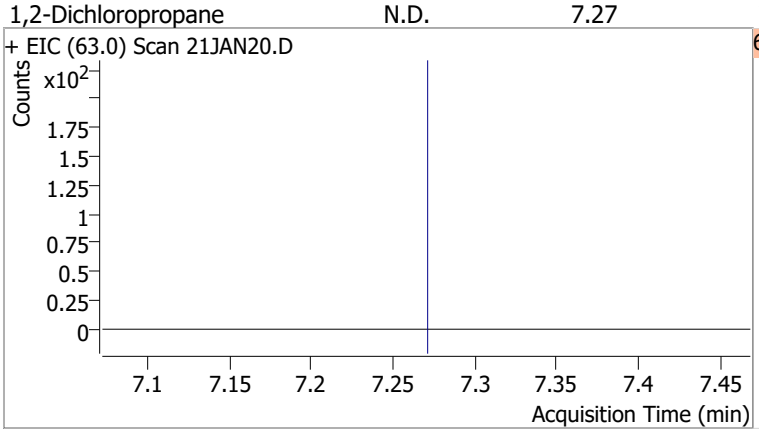


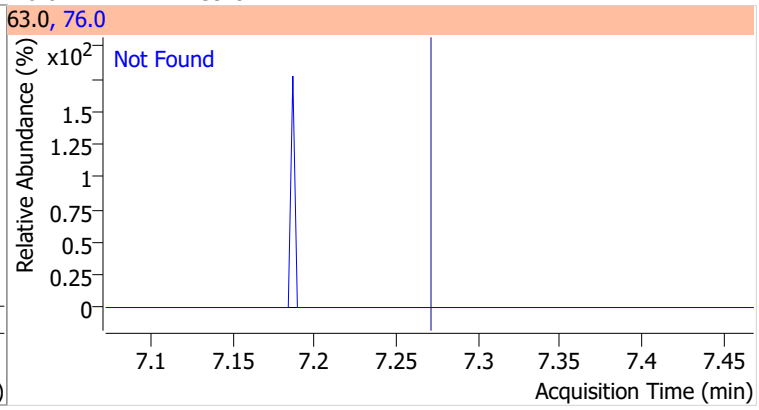
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



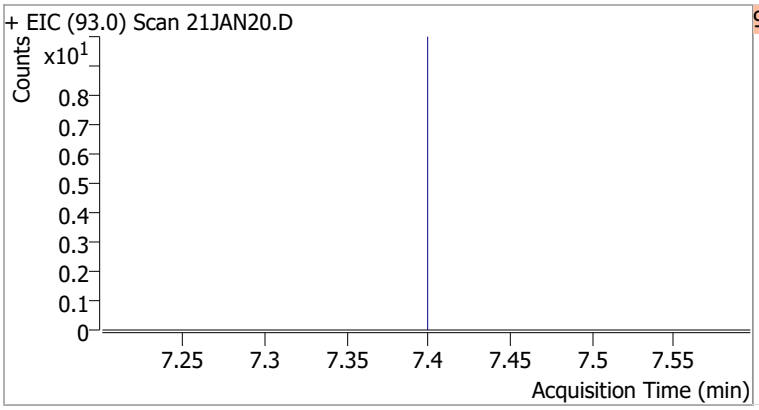


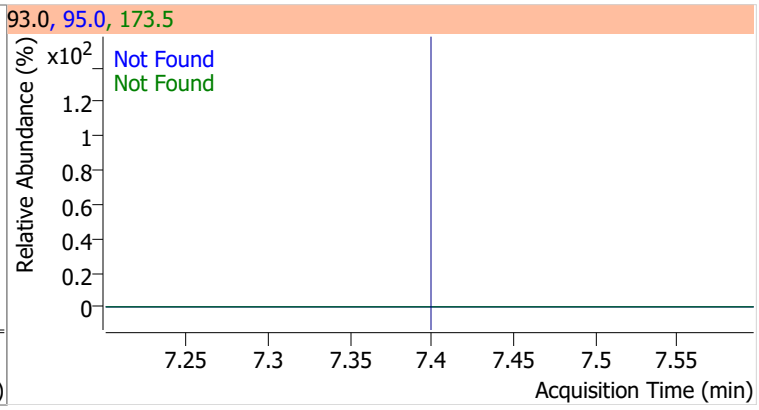
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



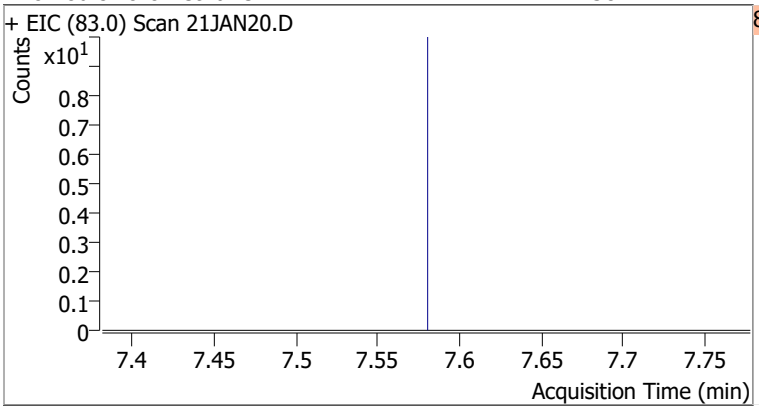


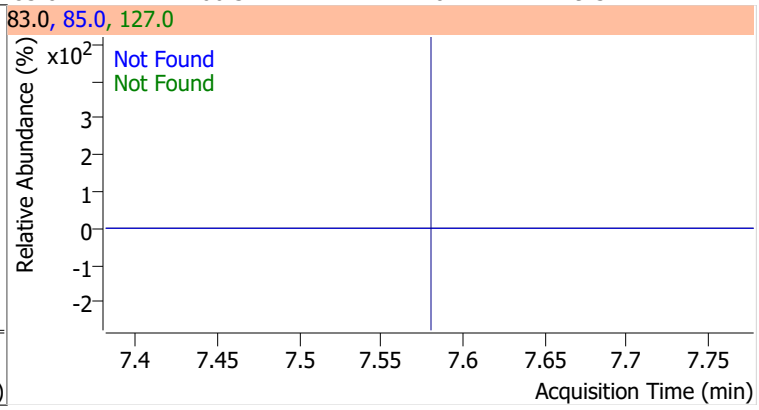
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



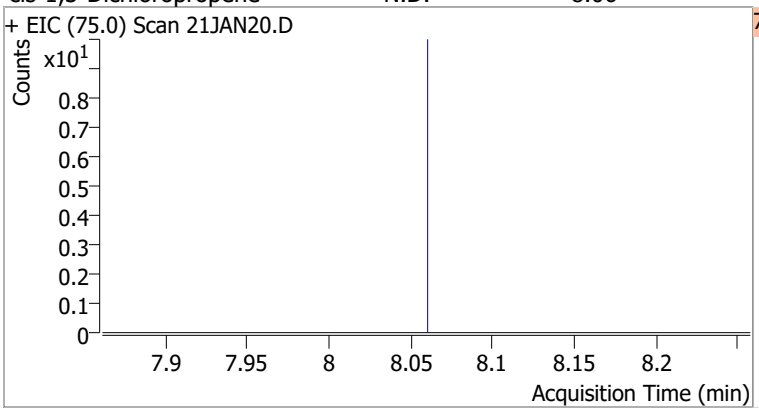


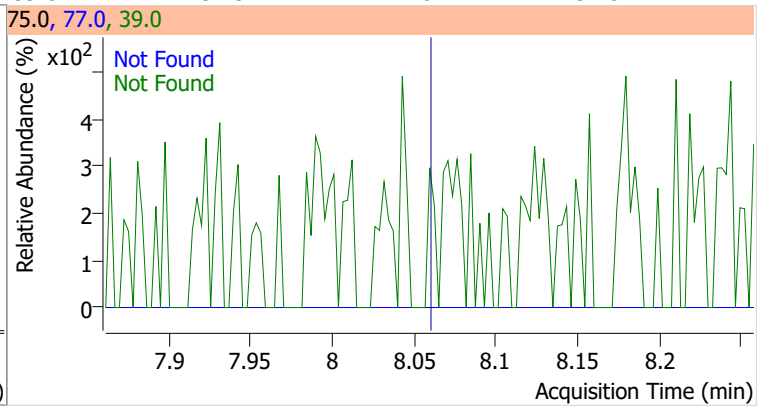
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



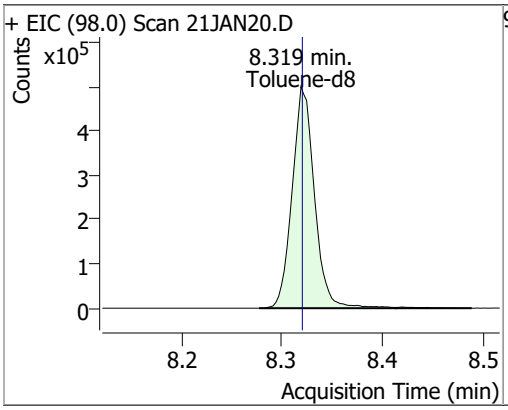


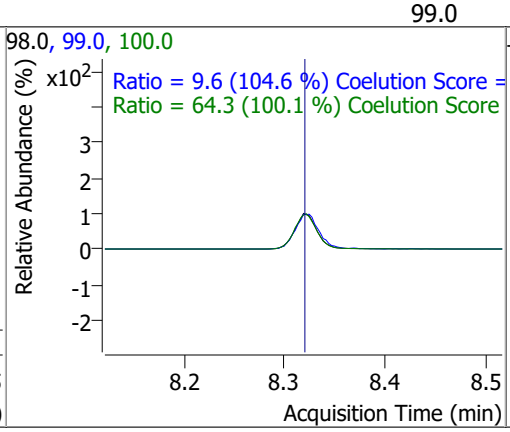
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

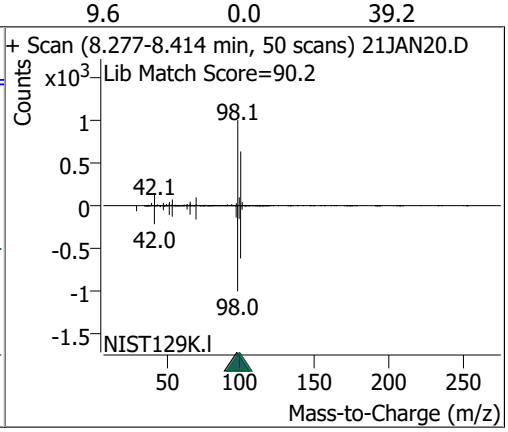




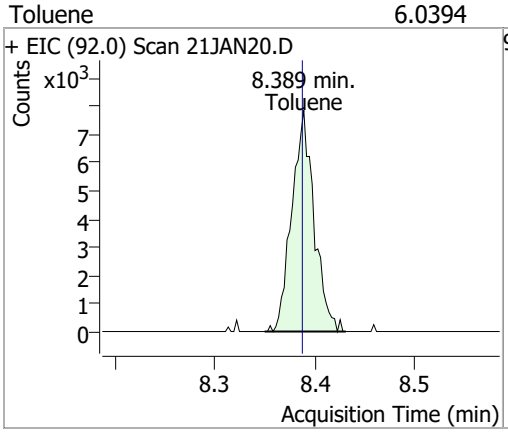
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	255.8529	8.32	0.00	771377	100.0	64.3	34.3	94.3
					99.0	9.6	0.0	39.2

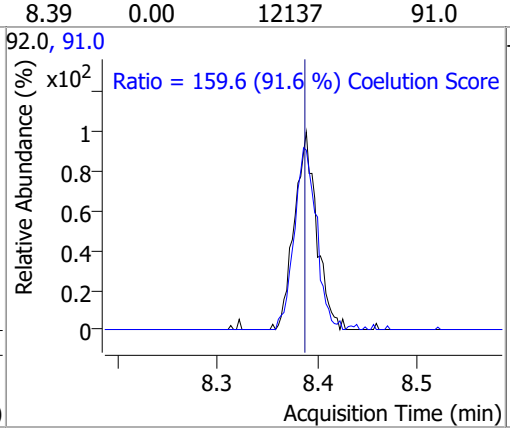


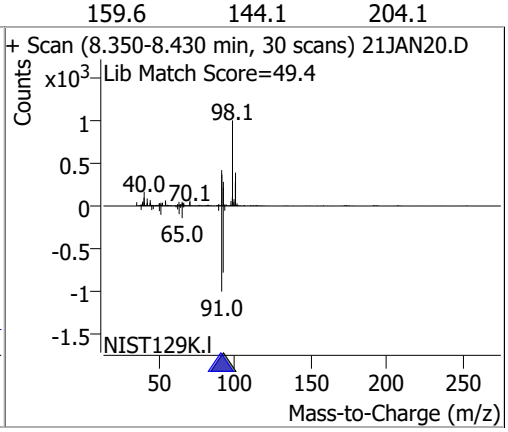




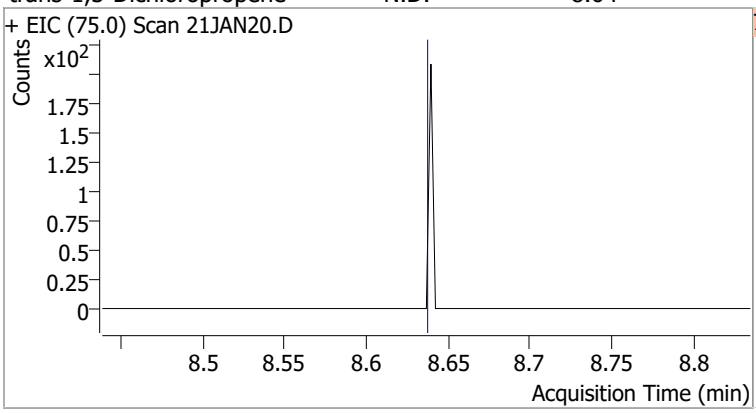
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	6.0394	8.39	0.00	12137	91.0	159.6	144.1	204.1

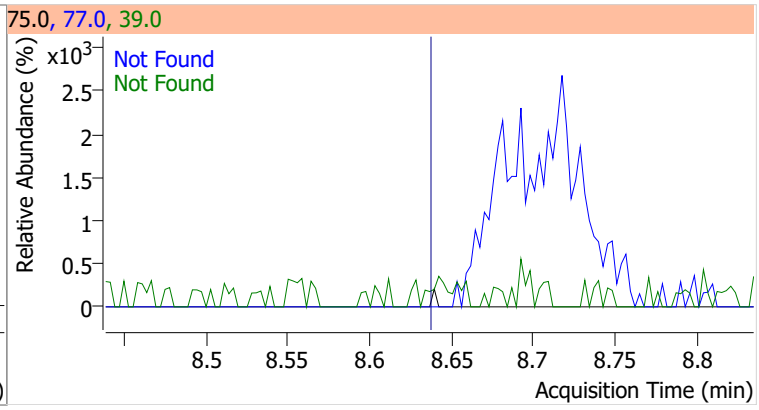




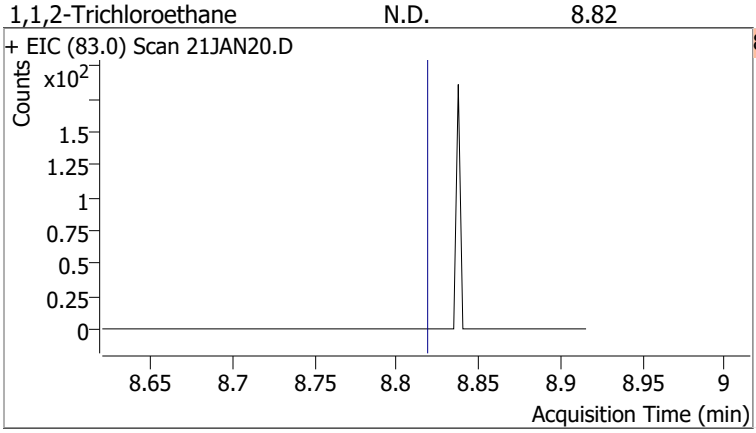


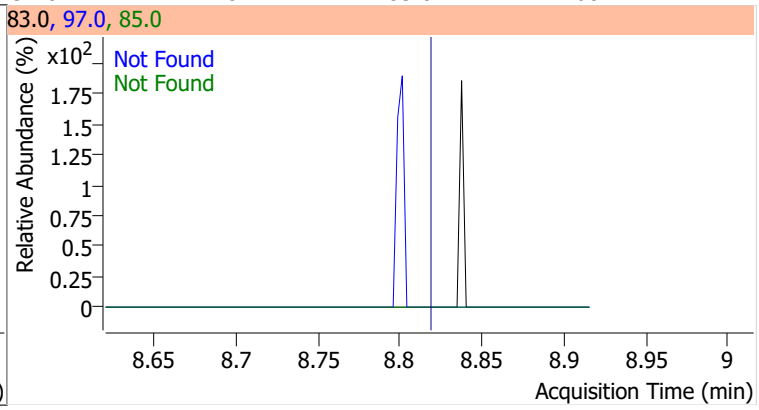
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



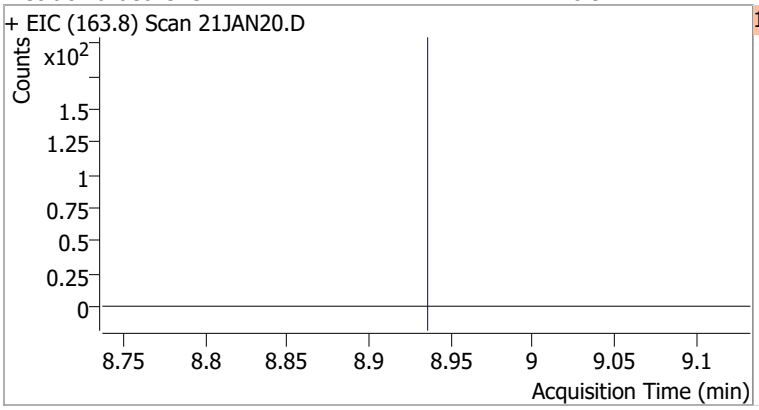


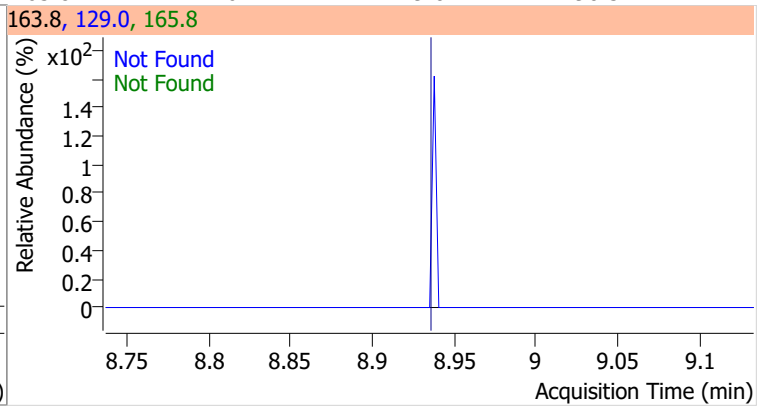
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



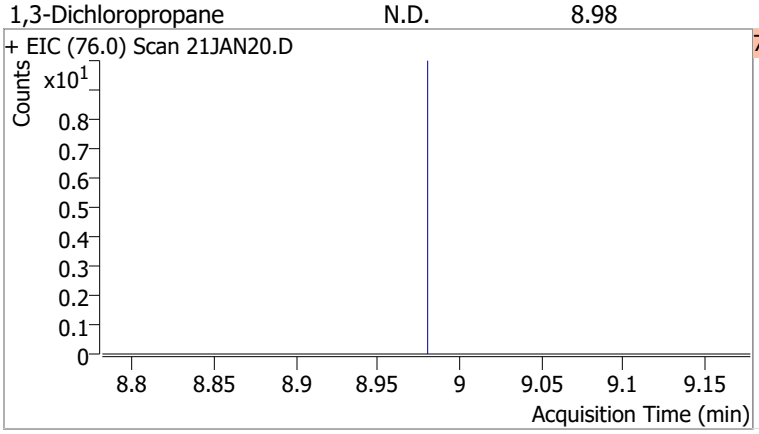


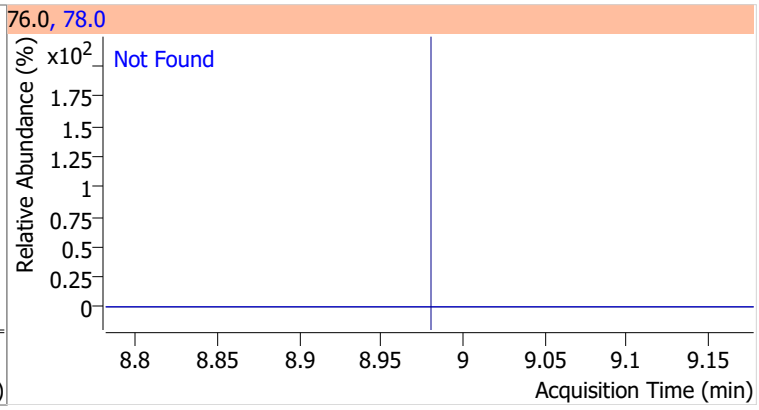
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



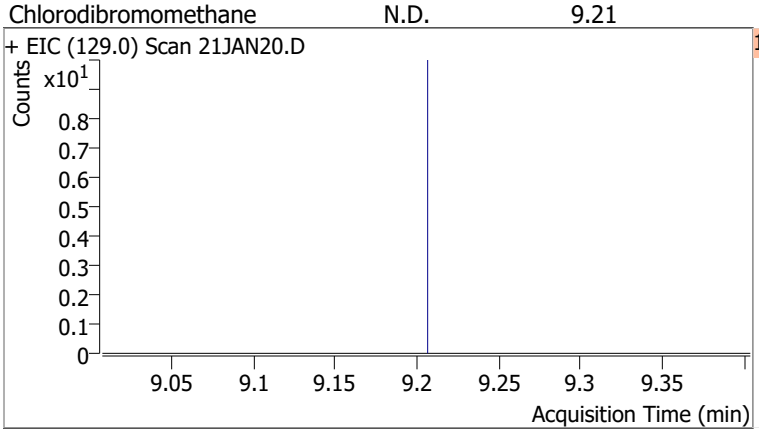


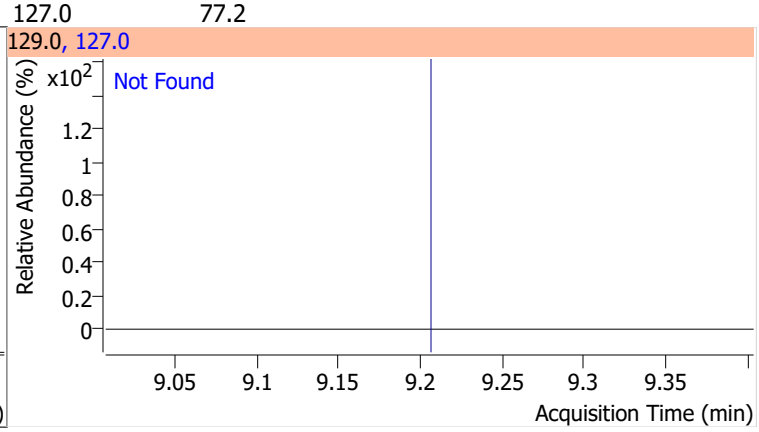
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



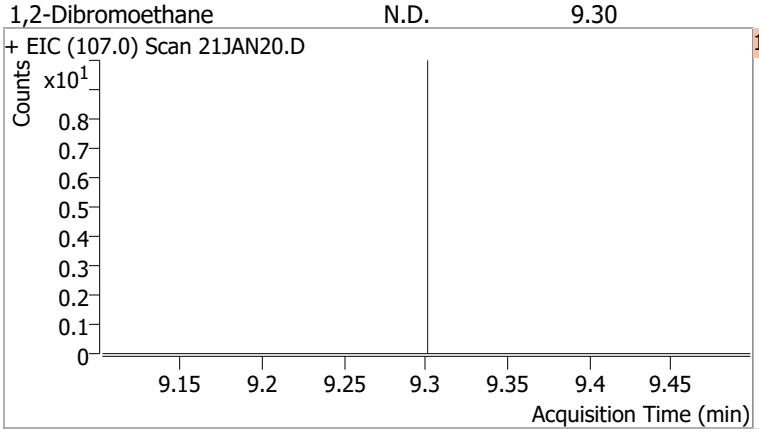


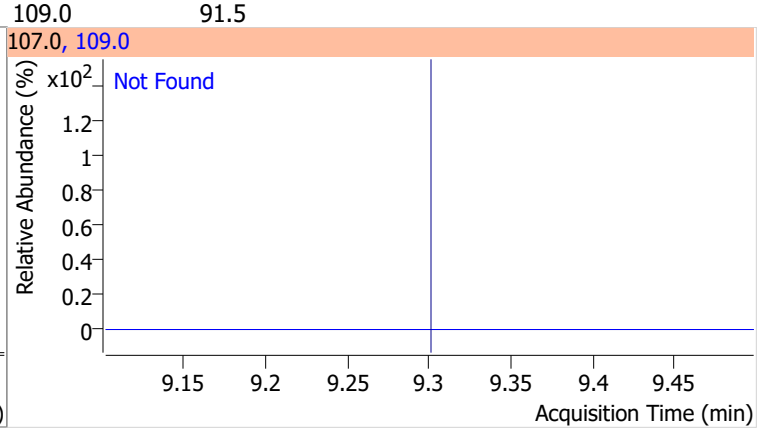
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



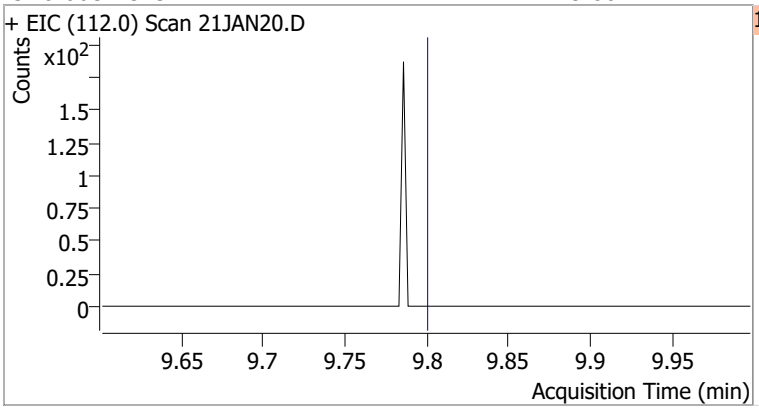


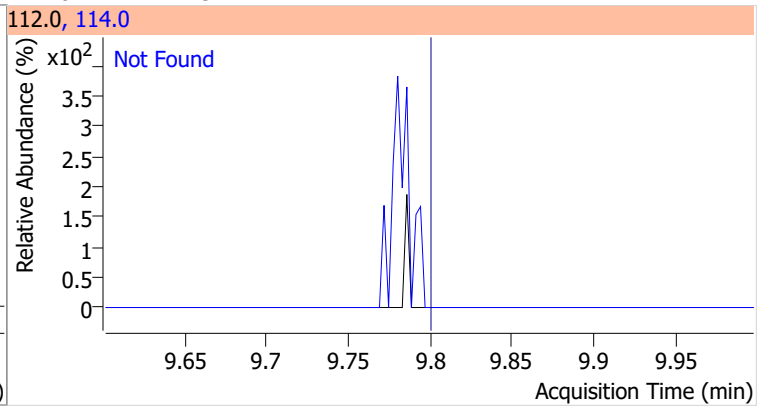
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



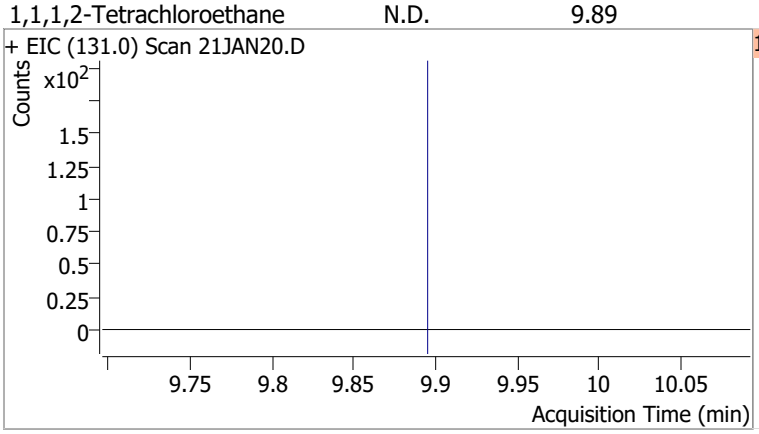


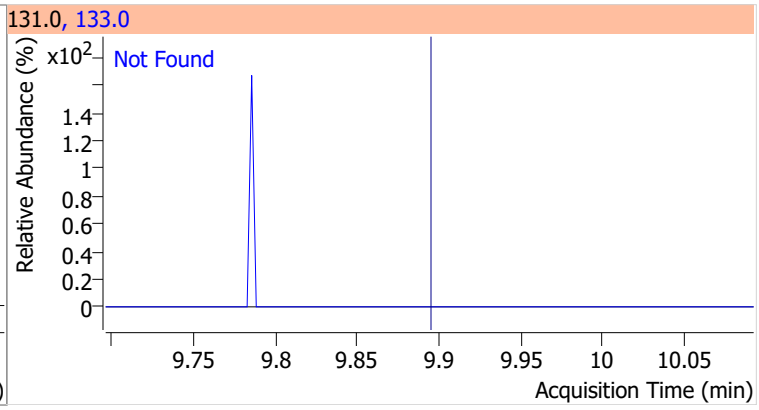
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



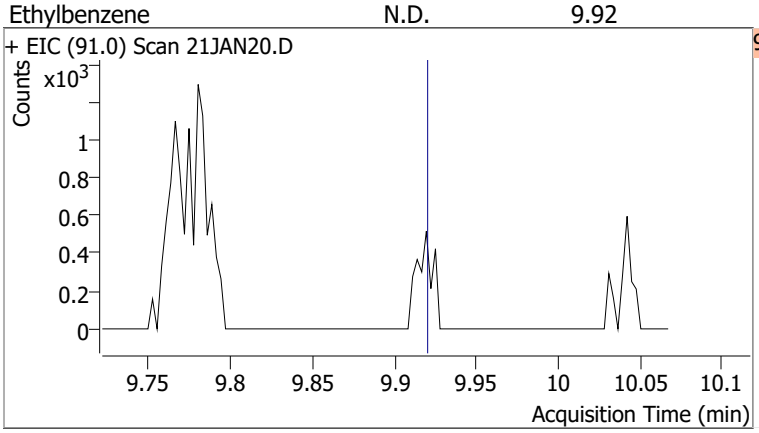


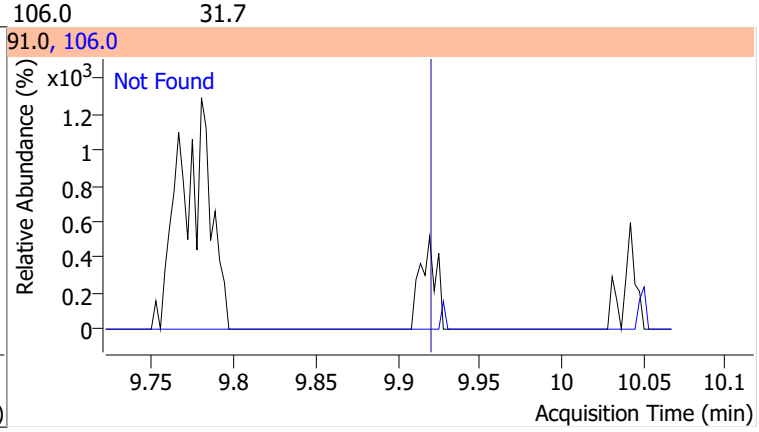
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



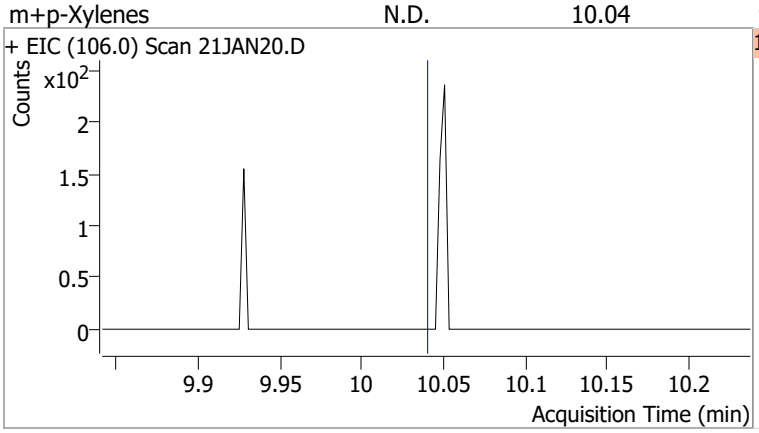


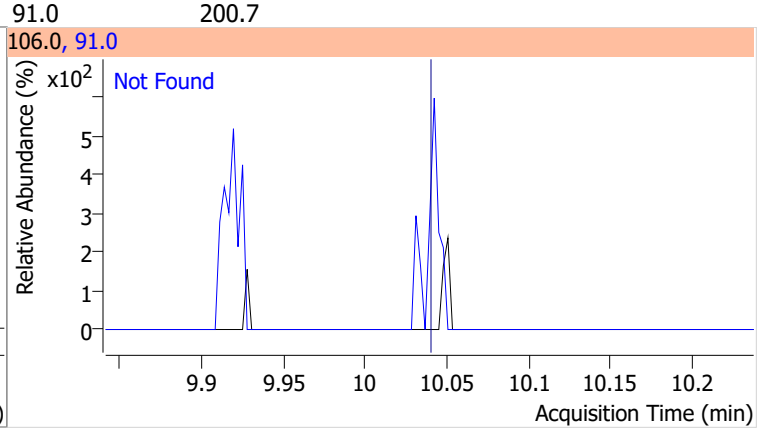
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



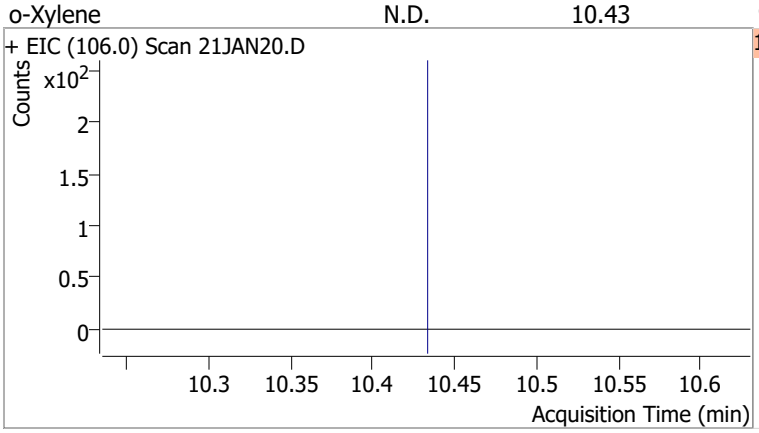


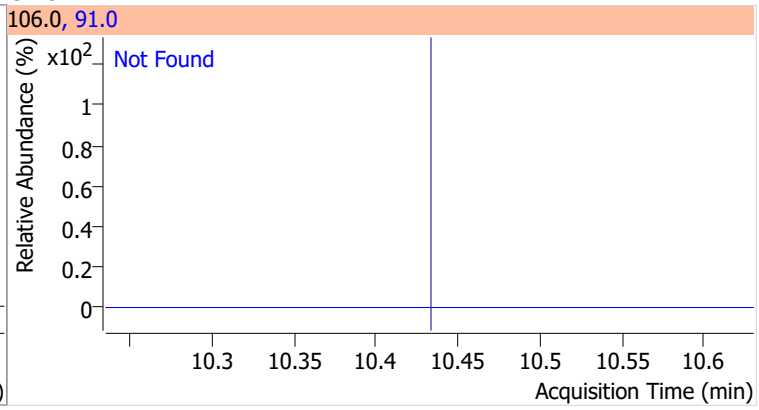
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



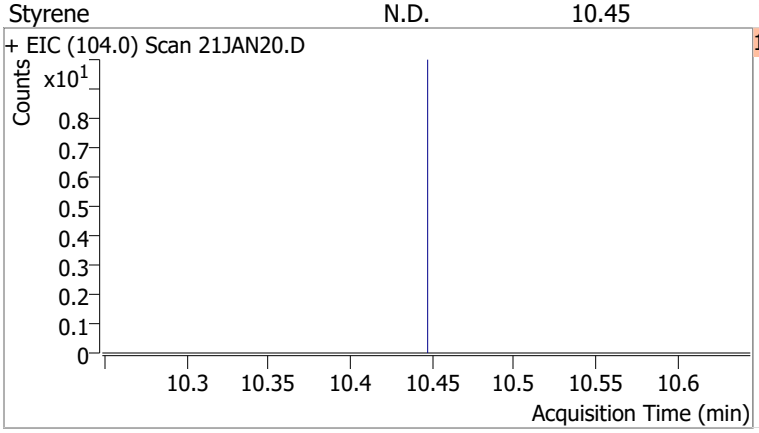


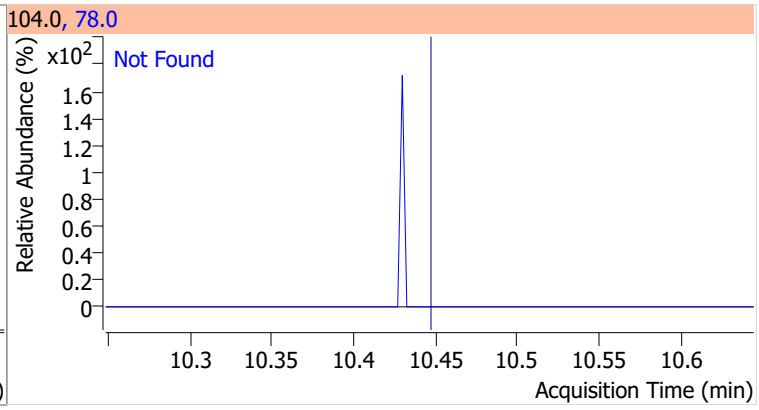
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



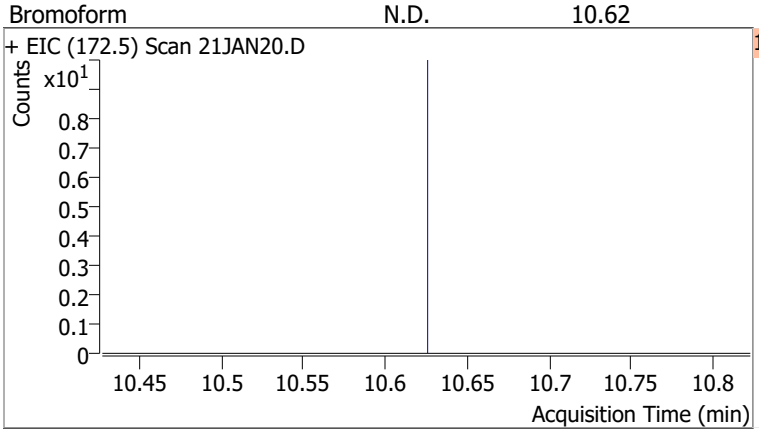


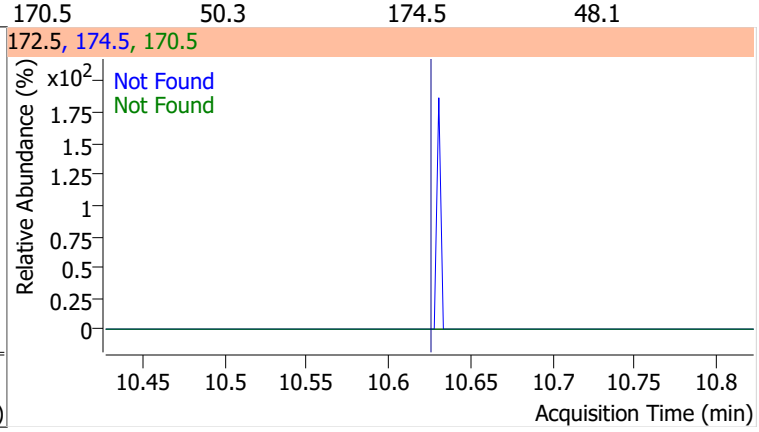
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



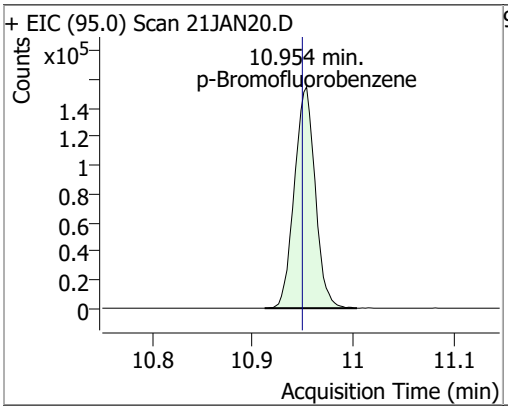


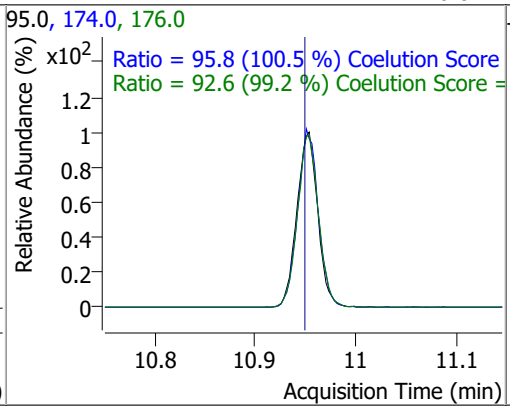
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

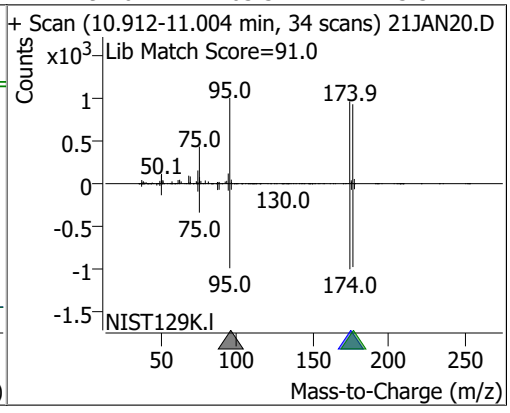




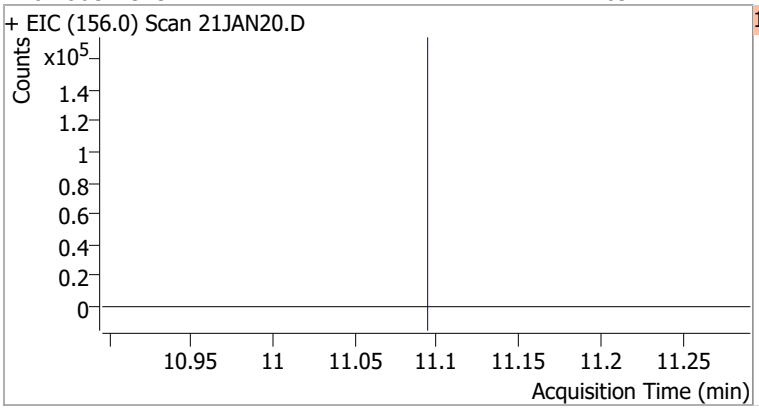
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	259.9332	10.95	0.01	223116	174.0	95.8	65.3	125.3
					176.0	92.6	63.3	123.3

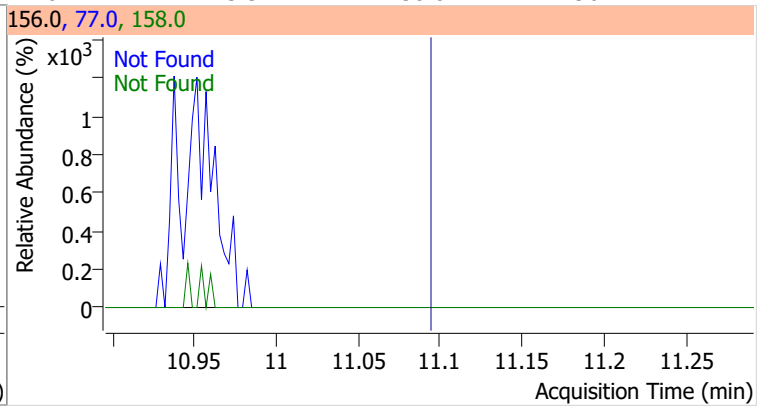




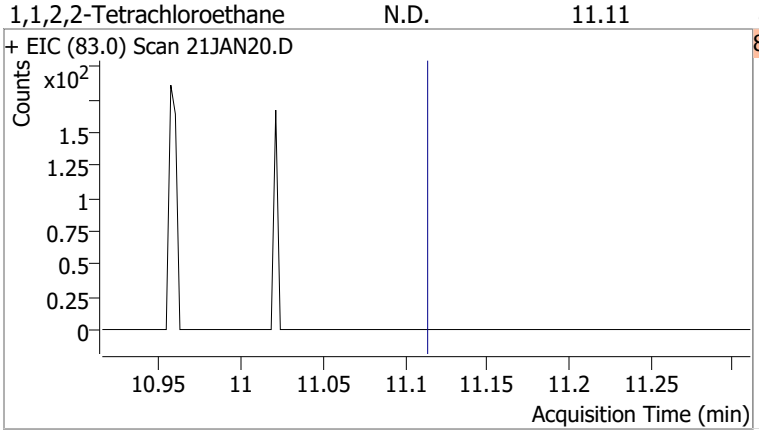


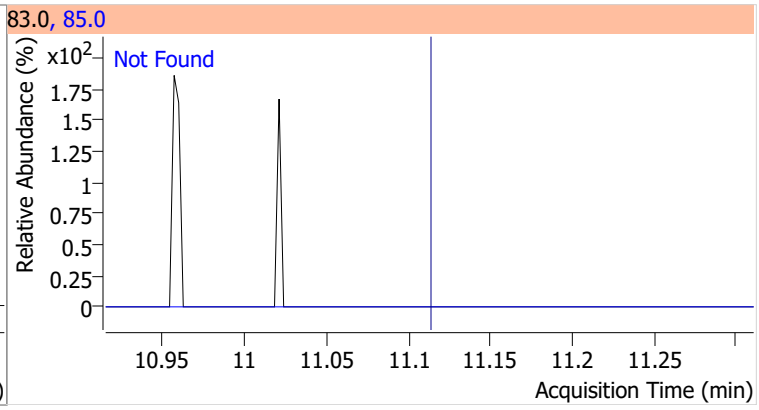
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



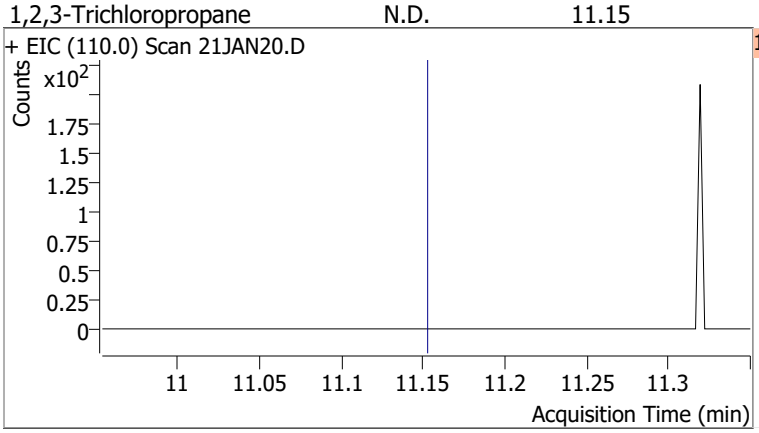


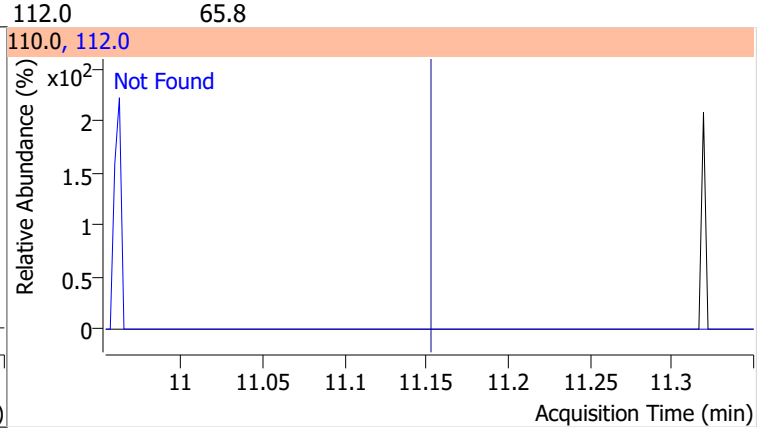
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



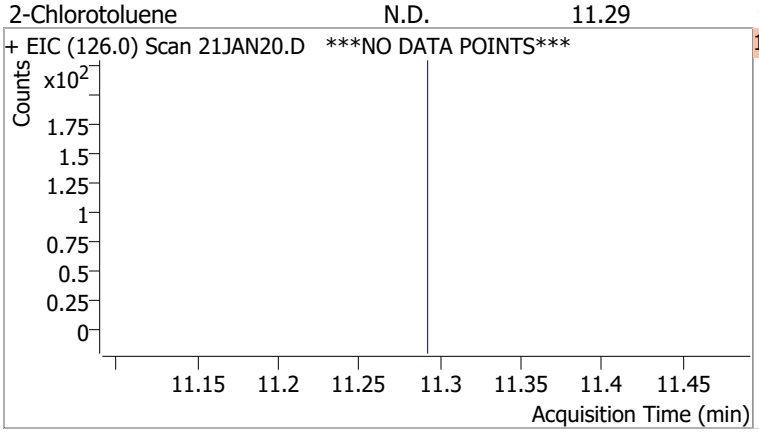


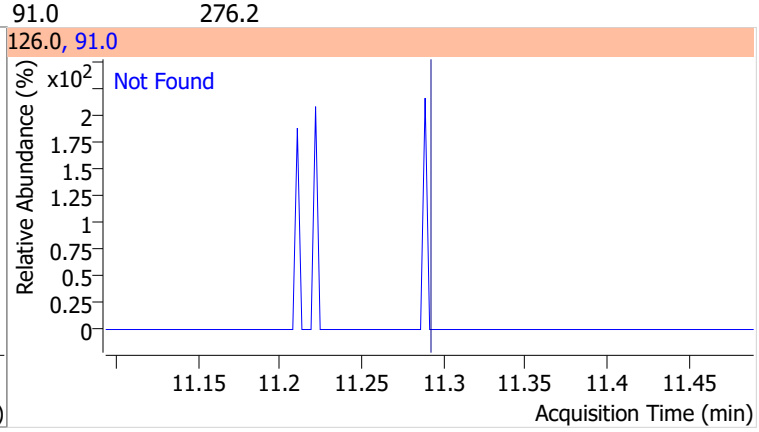
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



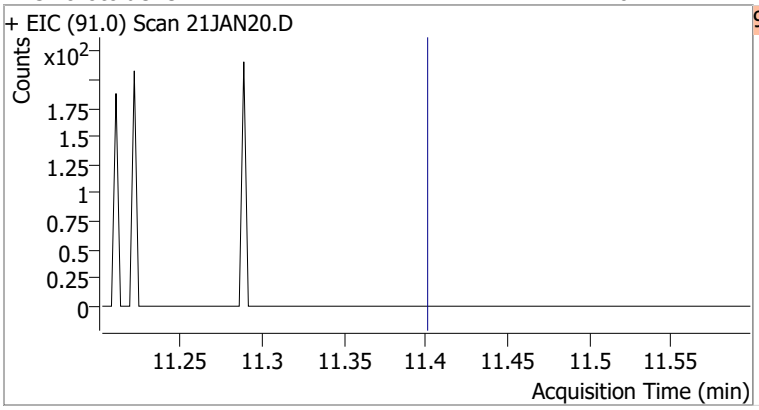


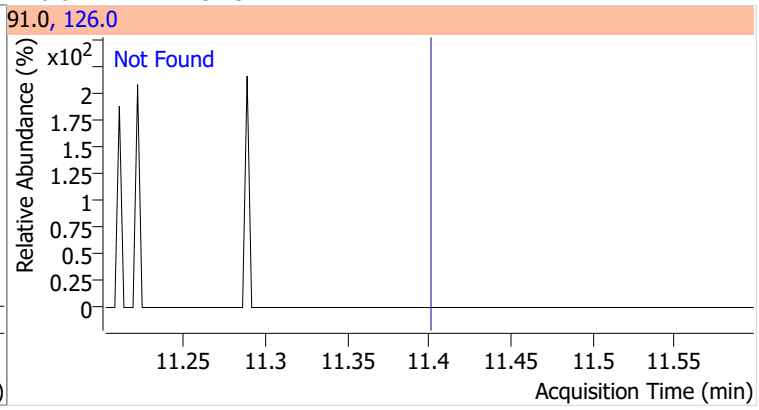
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



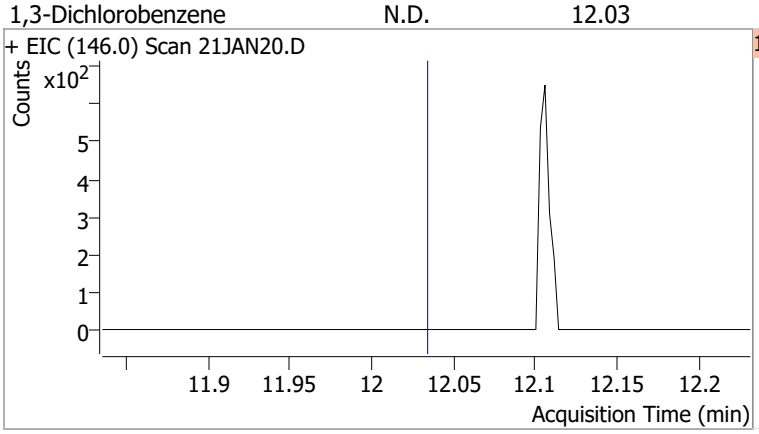


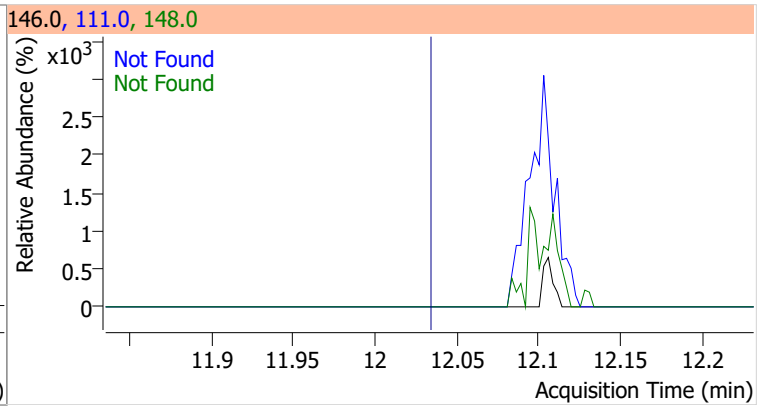
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



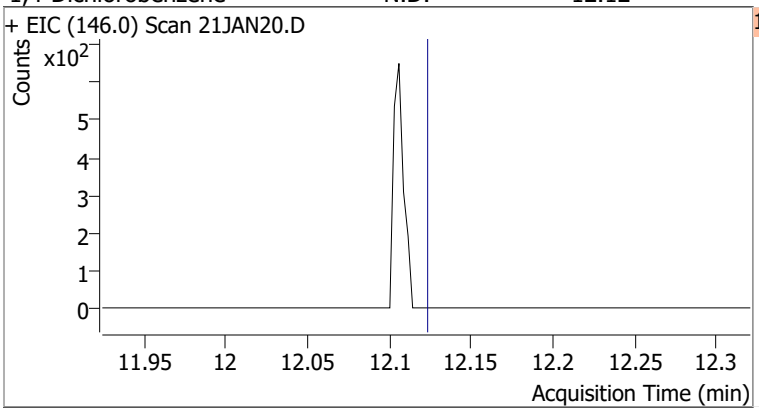


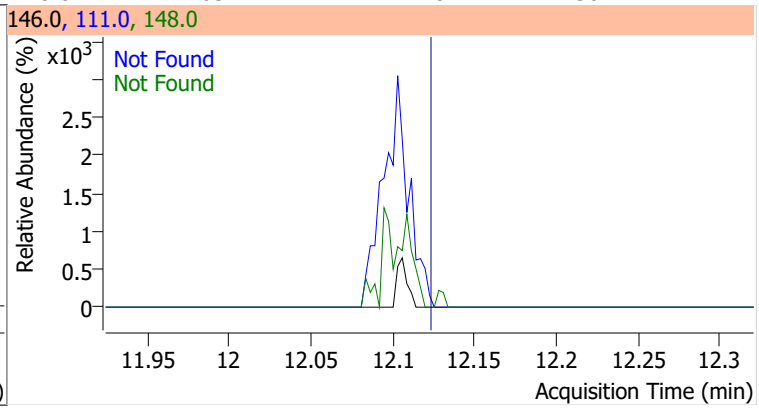
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



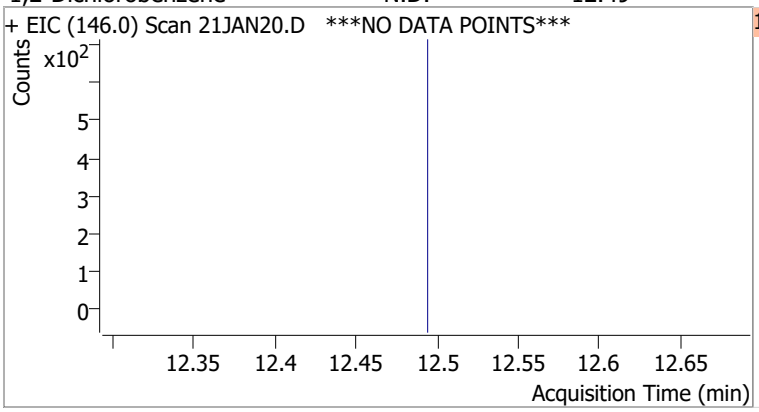


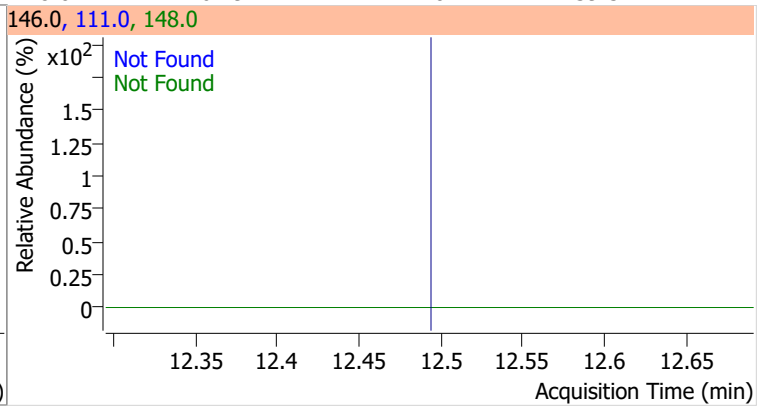
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





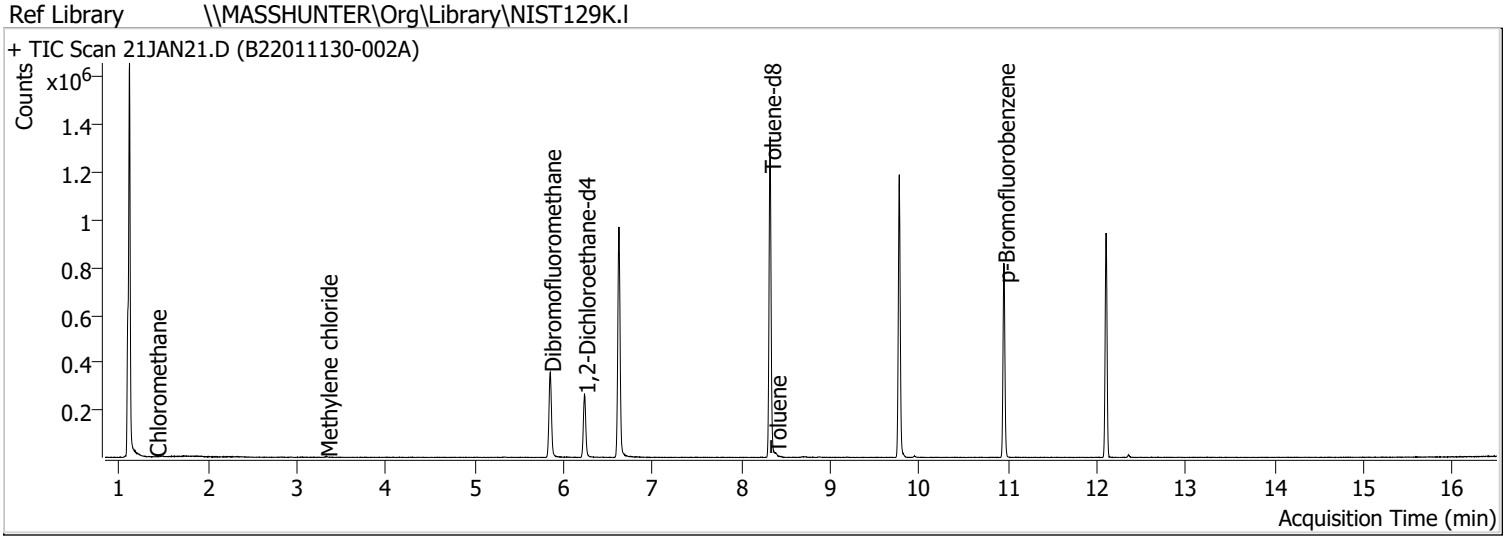
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN21.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 6:53:31 PM
Sample Name	B22011130-002A	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

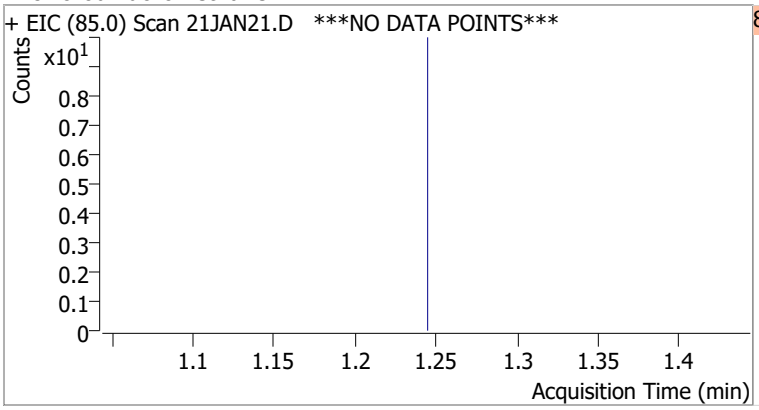


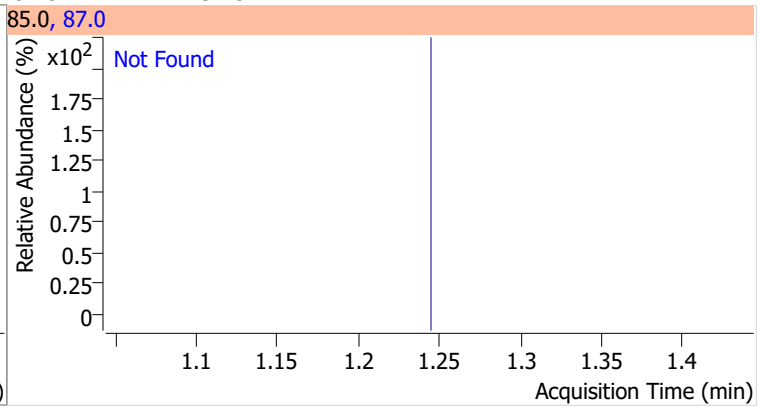
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	808293	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	315950	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	228683	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	213444	272.6331	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.05%			
S 1,2-Dichloroethane-d4	6.233	67.0	93762	277.2454	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 110.90%			
S Toluene-d8	8.322	98.0	809327	262.5642	ng		0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.03%			
S p-Bromofluorobenzene	10.951	95.0	228821	271.0023	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.40%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.409	50.0	347	0.2716	ng	m	86
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	3.333	49.0	2007	1.6990	ng	m	88
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	8.383	92.0	2855	1.3896	ng	95
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.		

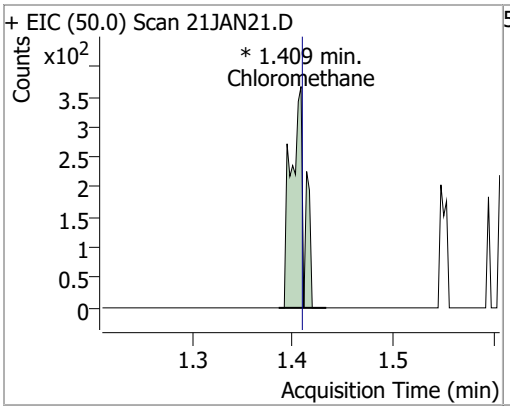
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

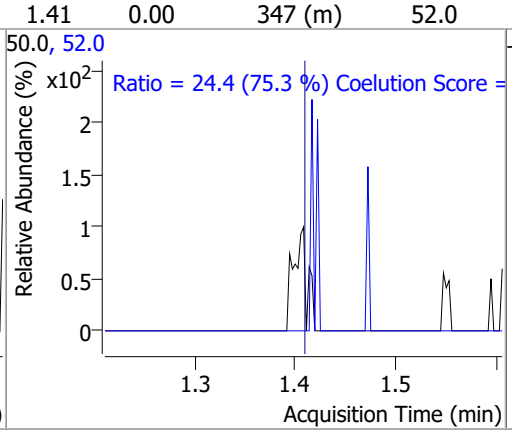
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

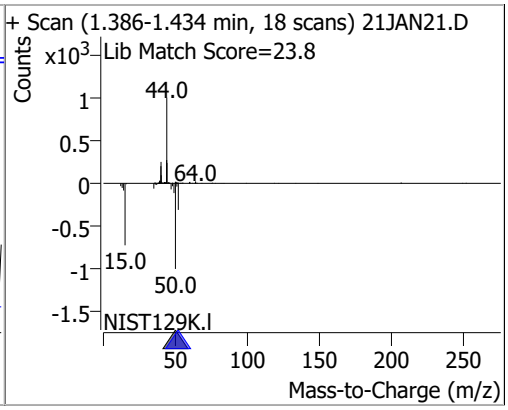




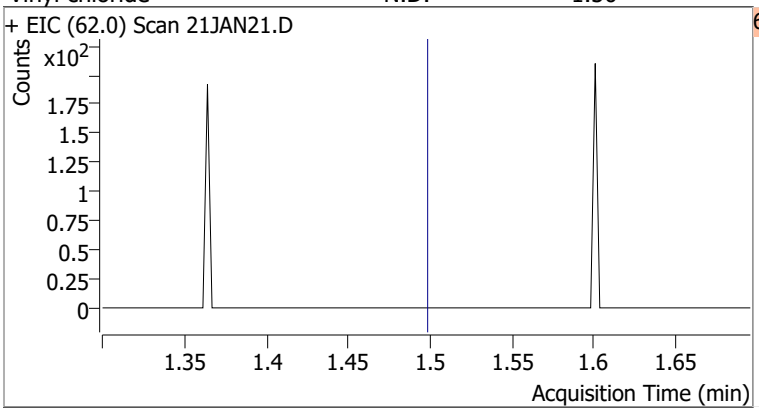
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.2716	1.41	0.00	347 (m)	52.0	24.4	2.4	62.4

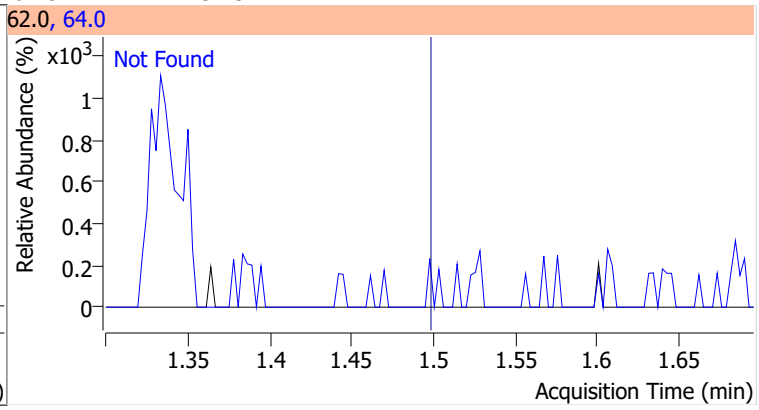




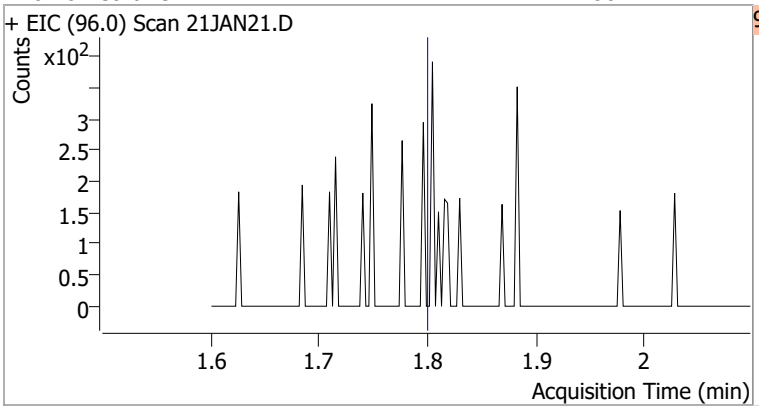


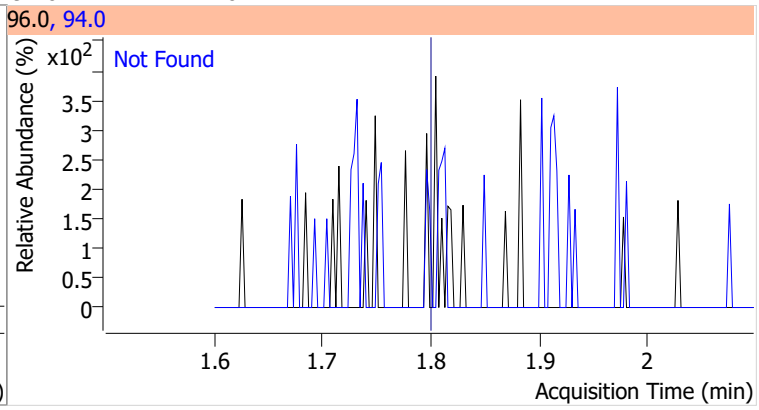
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



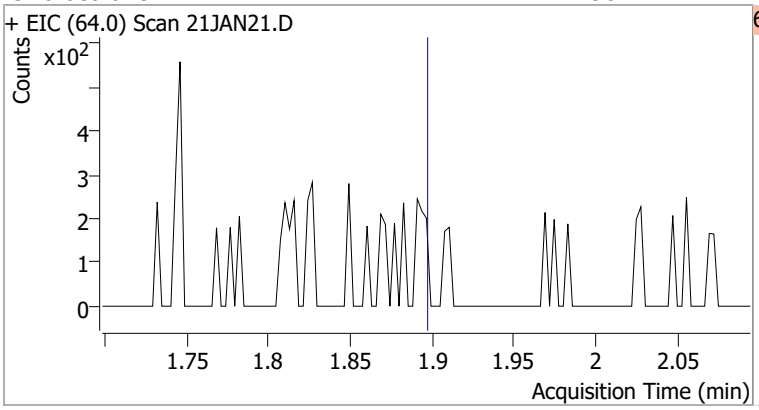


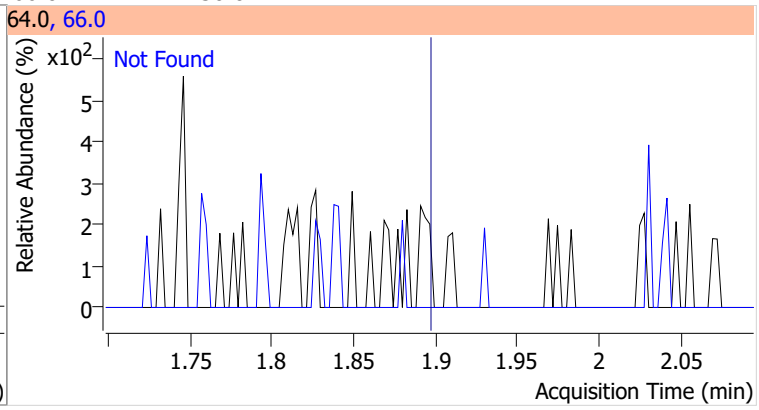
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



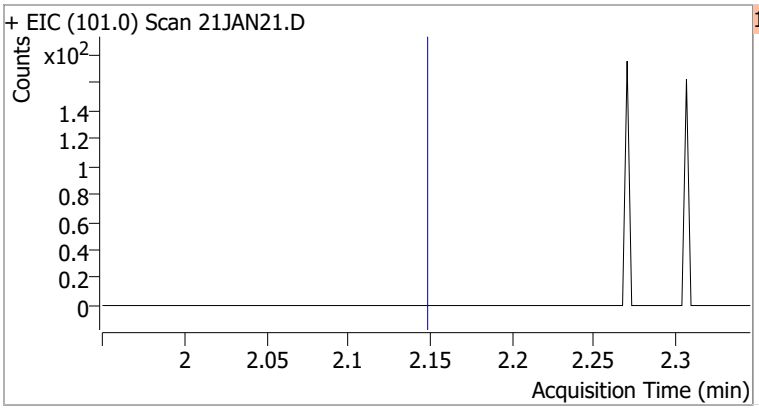


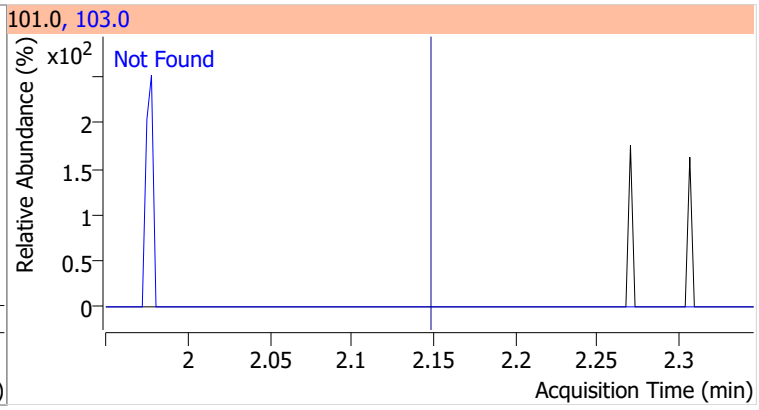
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



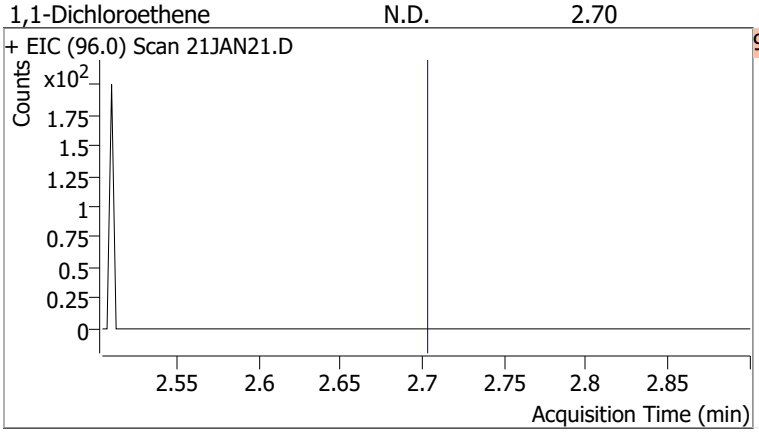


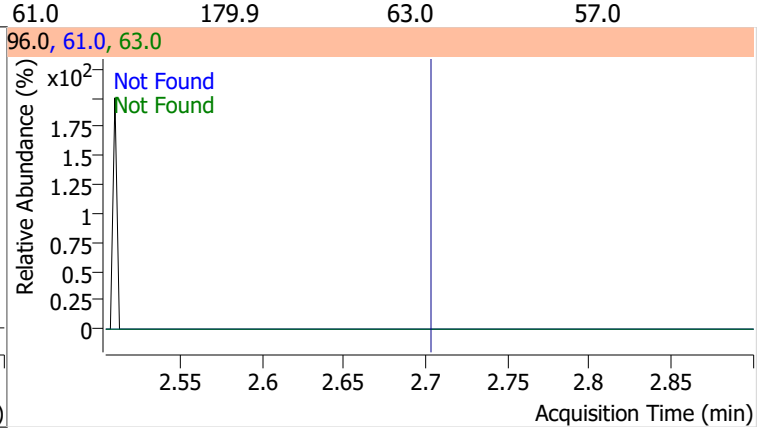
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



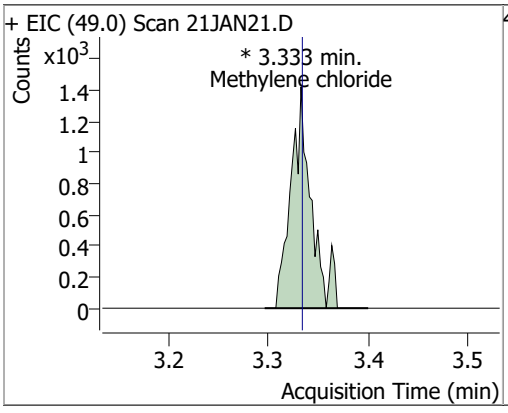


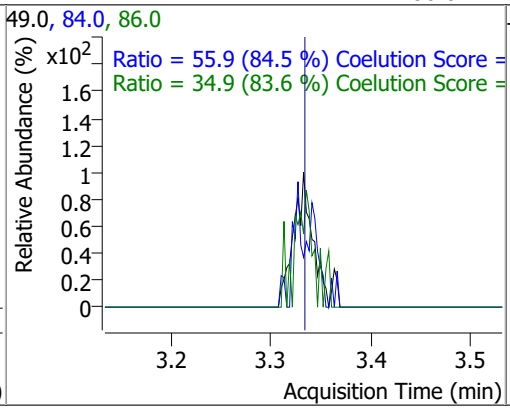
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

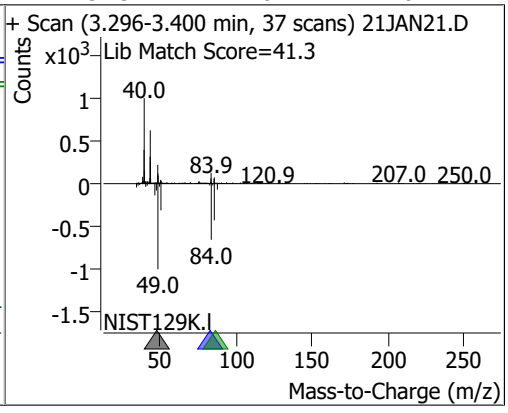




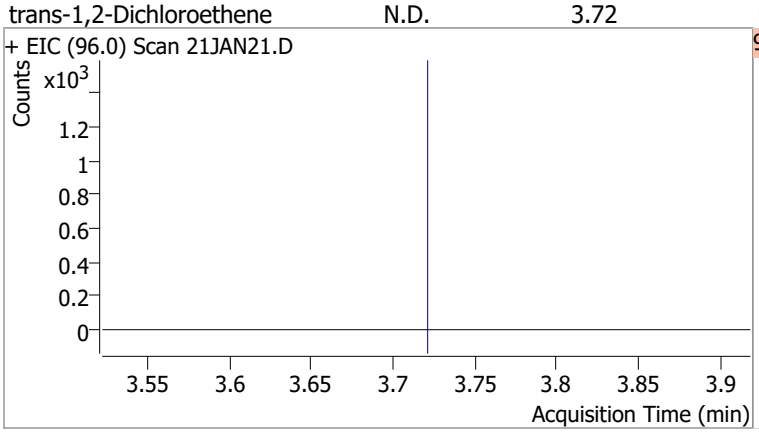
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.6990	3.33	0.00	2007 (m)	84.0	55.9	36.1	96.1
					86.0	34.9	11.8	71.8

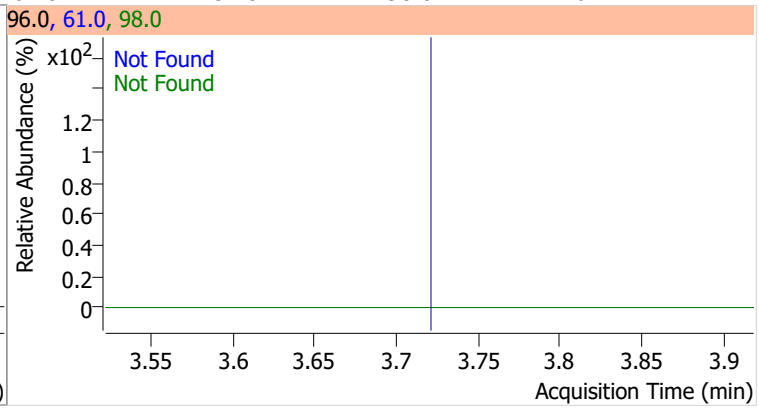




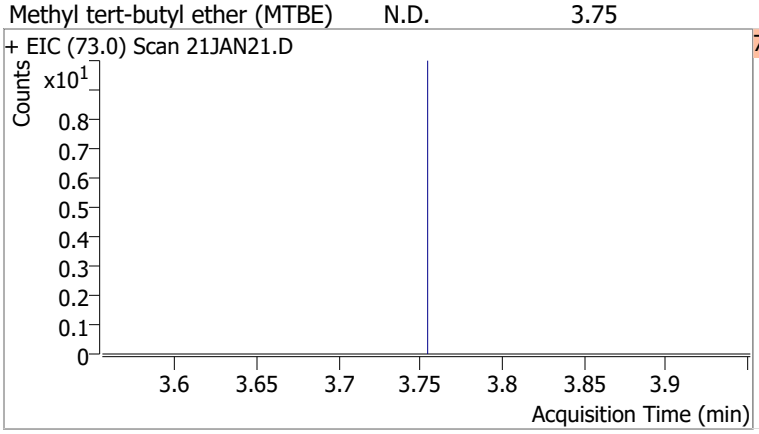


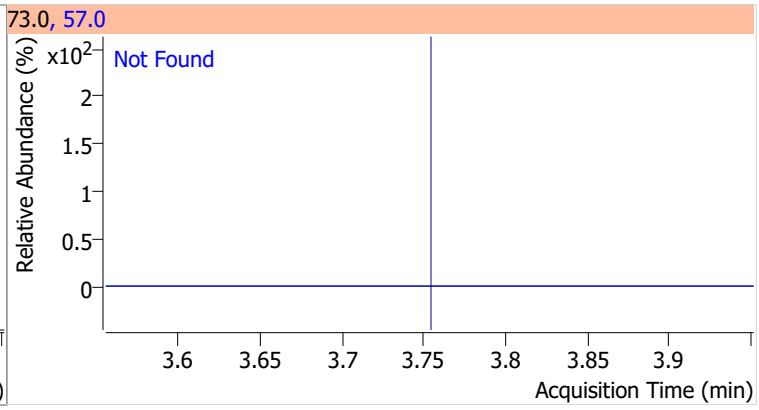
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



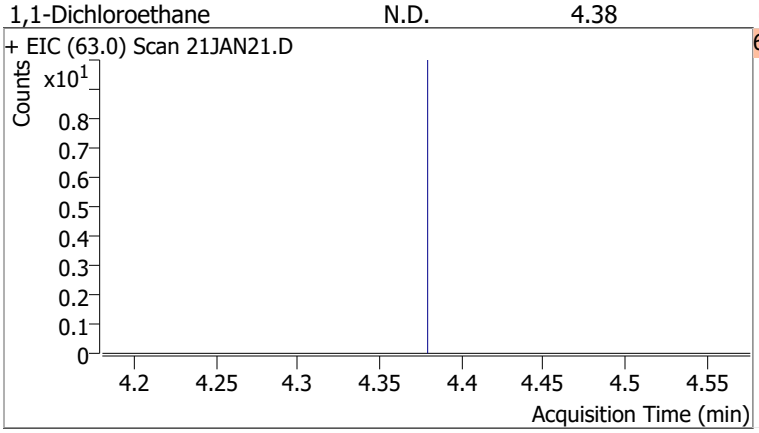


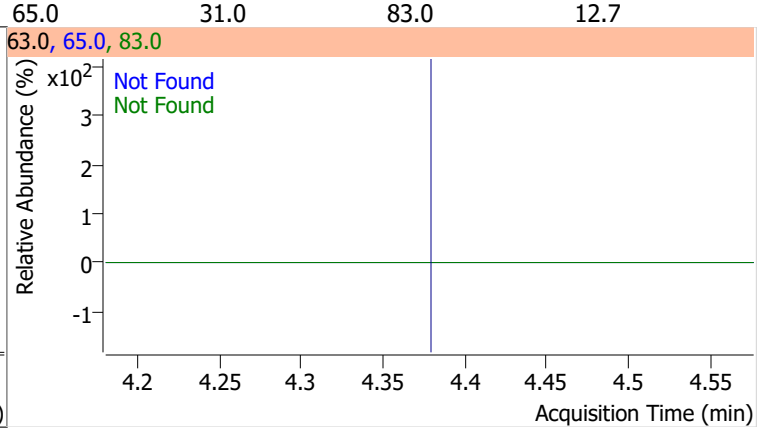
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



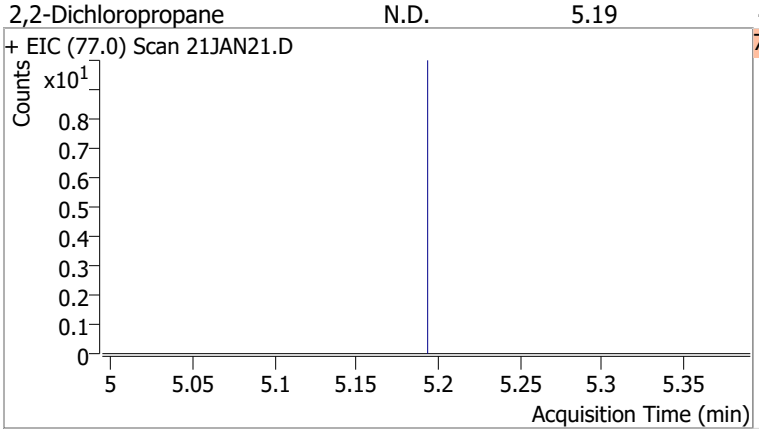


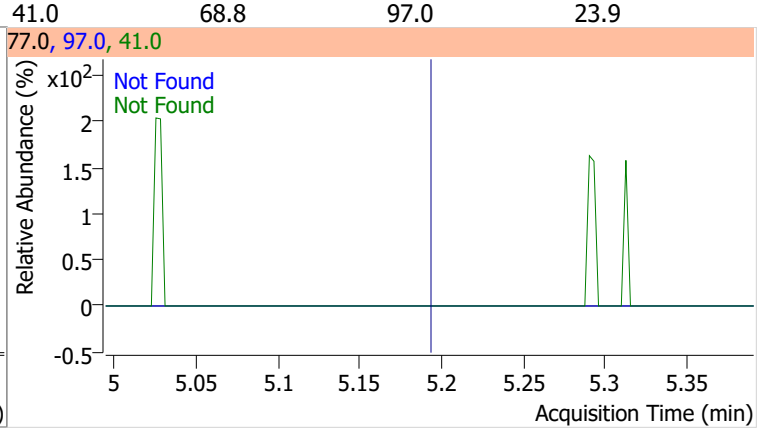
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



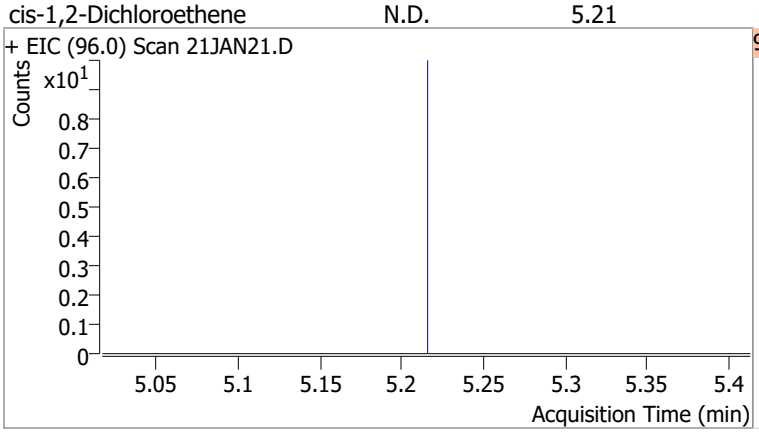


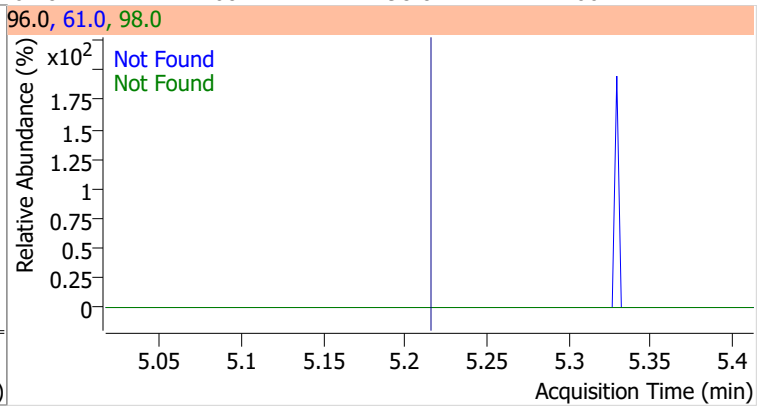
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



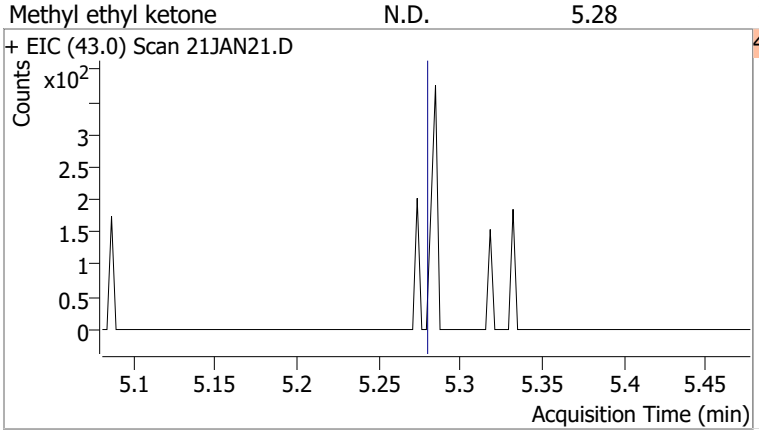


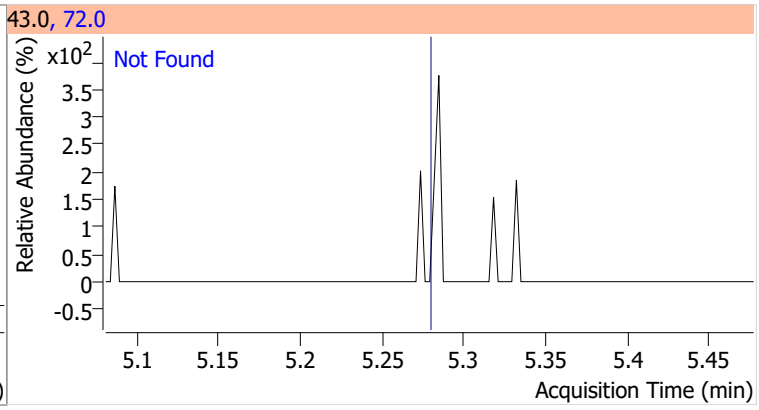
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



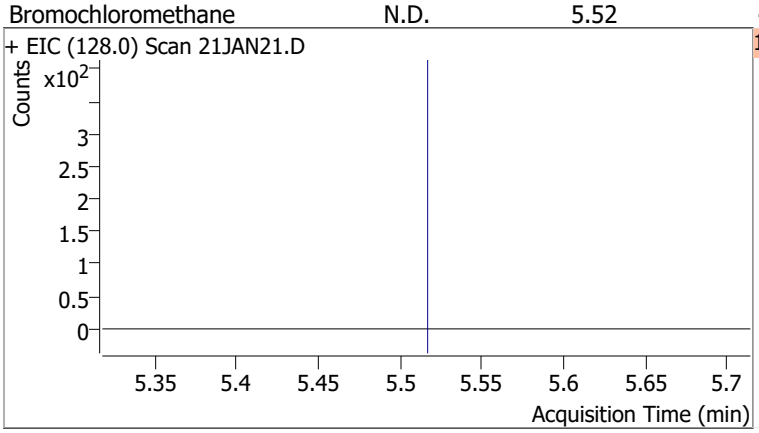


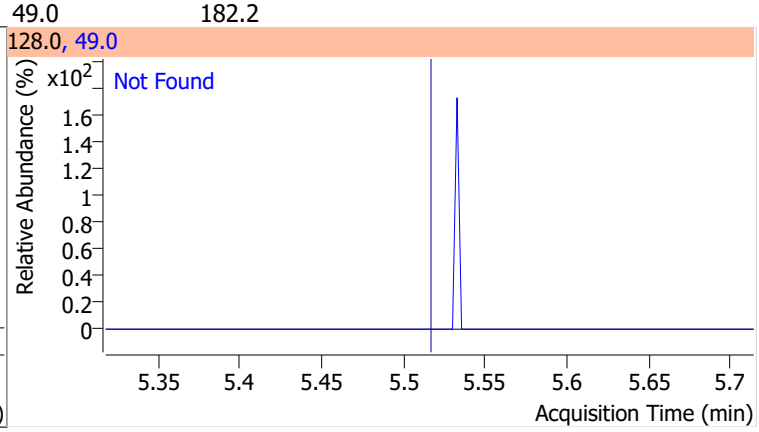
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



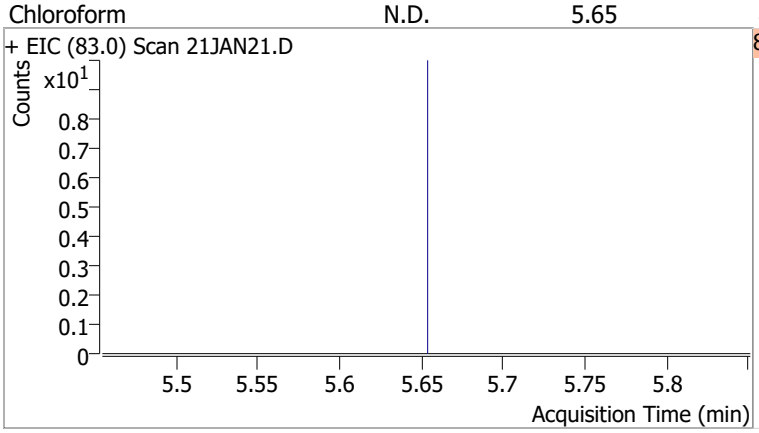


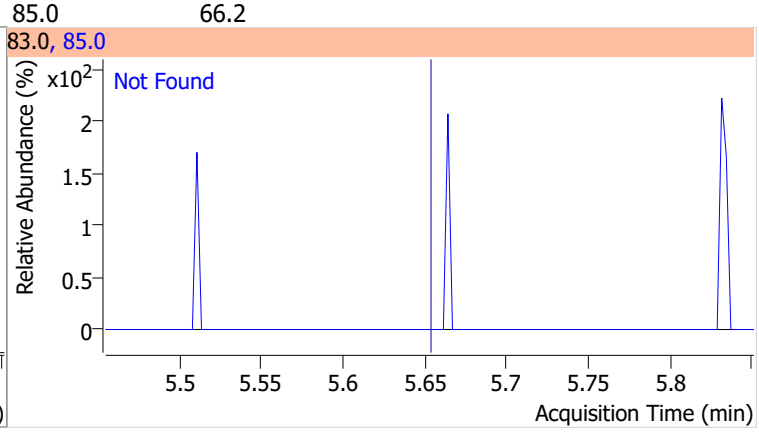
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



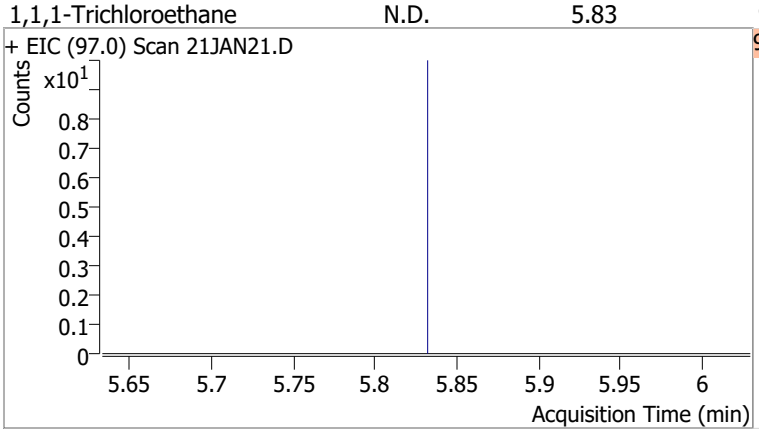


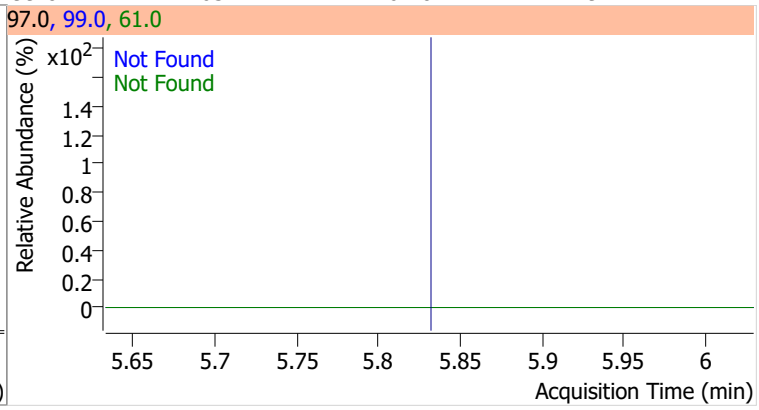
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



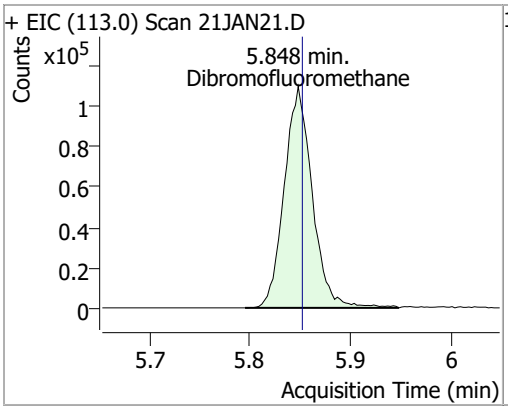


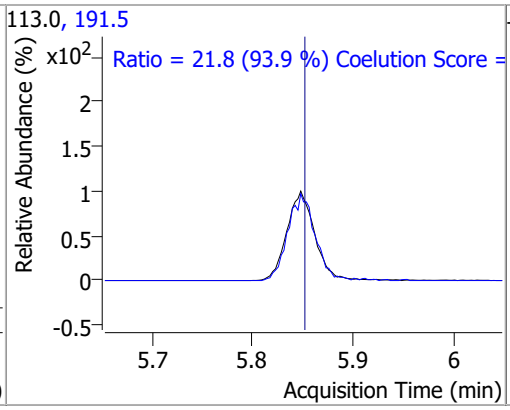
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

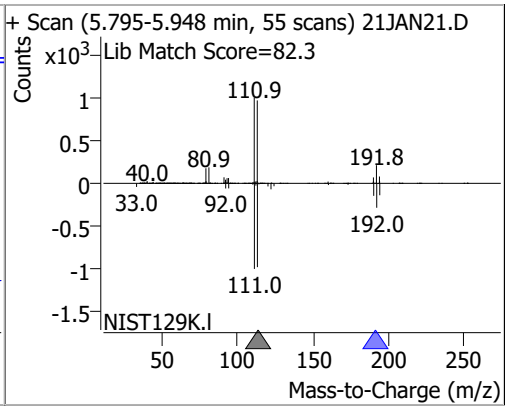




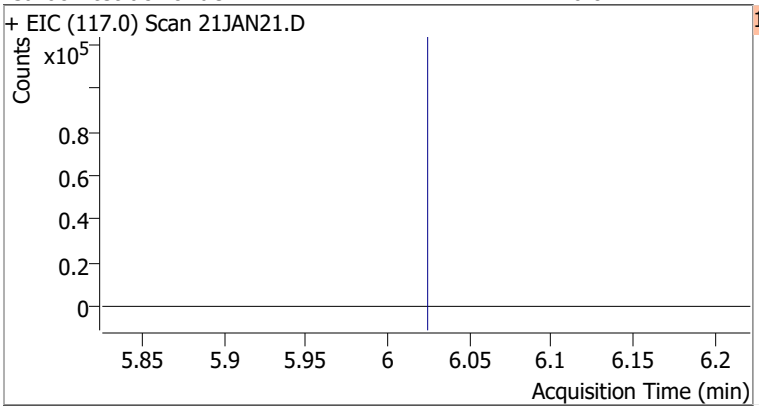
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	272.6331	5.85	0.00	213444	191.5	21.8	0.0	53.2

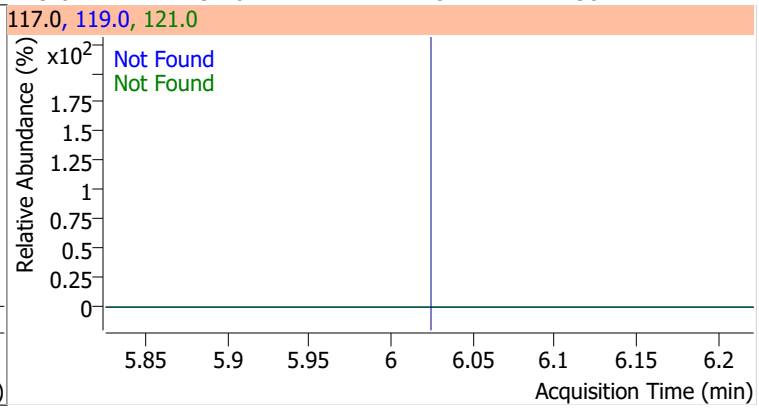




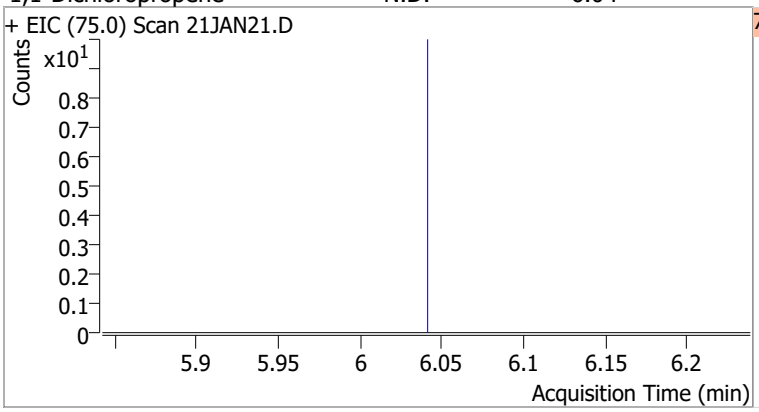


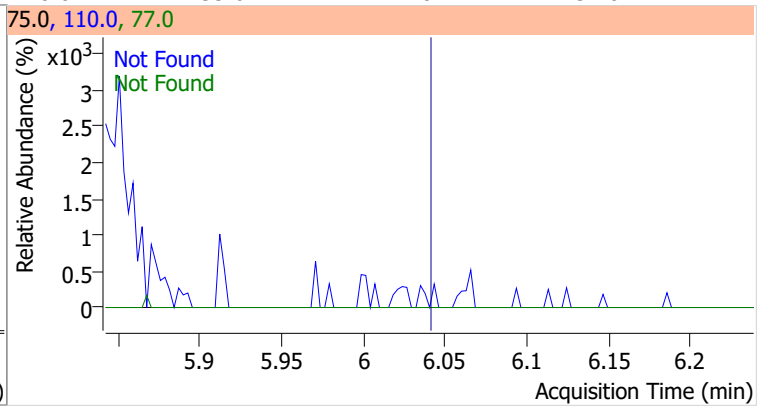
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



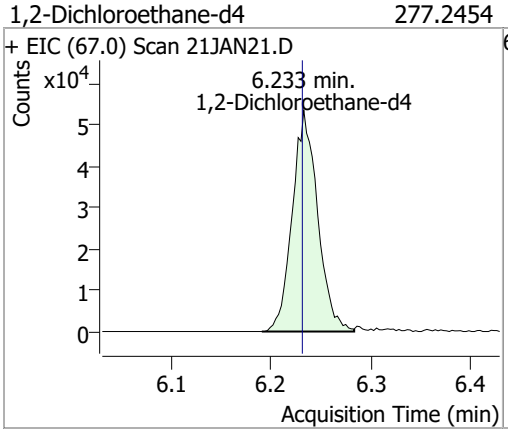


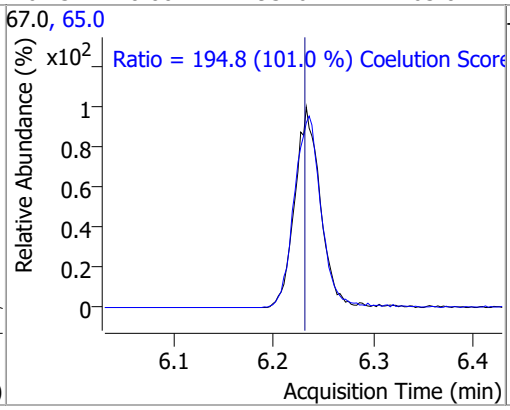
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

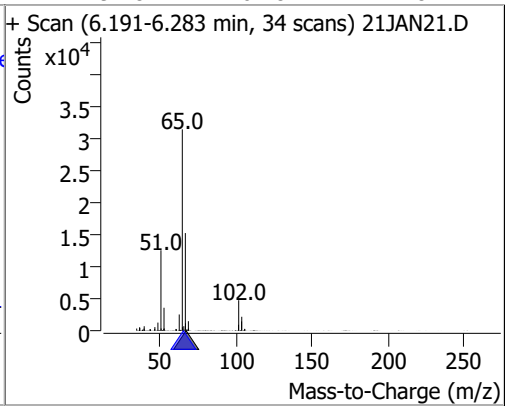




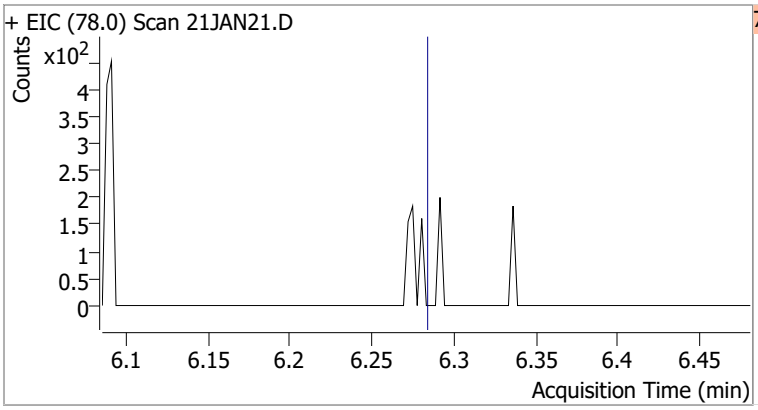
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	277.2454	6.23	0.00	93762	65.0	194.8	162.8	222.8

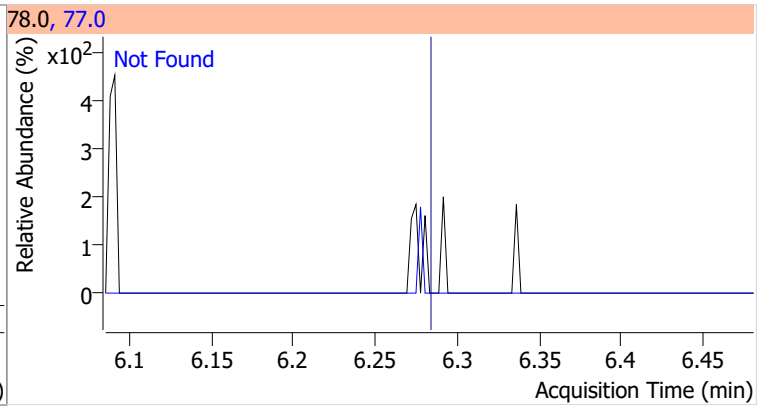




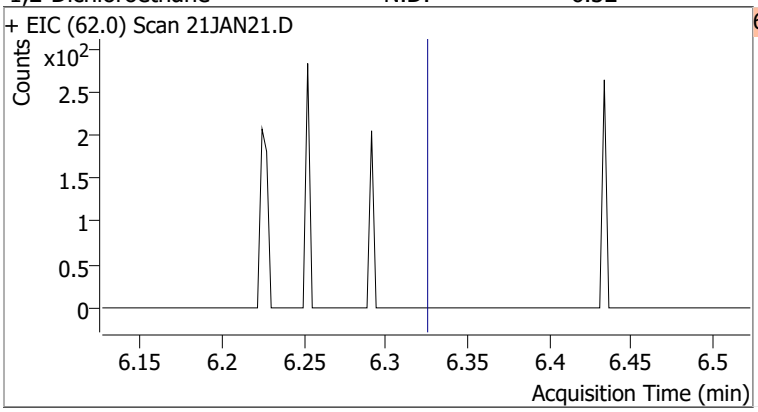


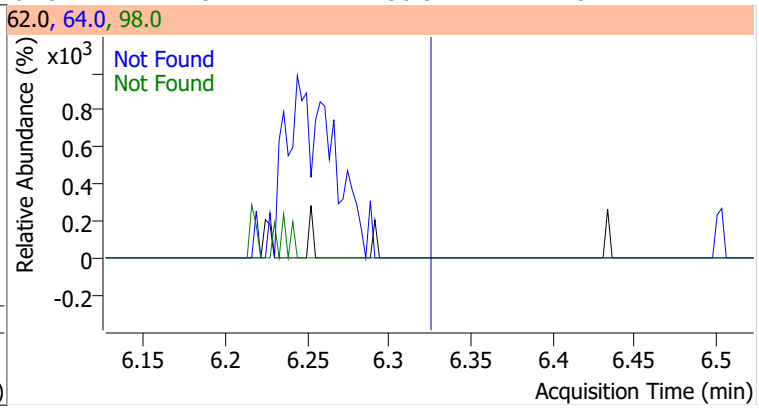
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



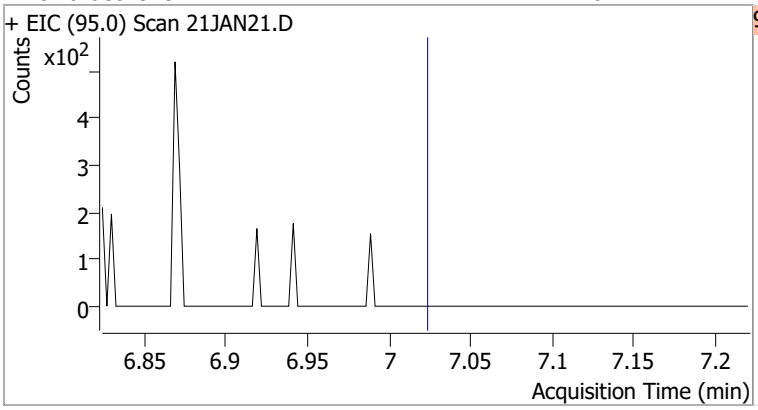


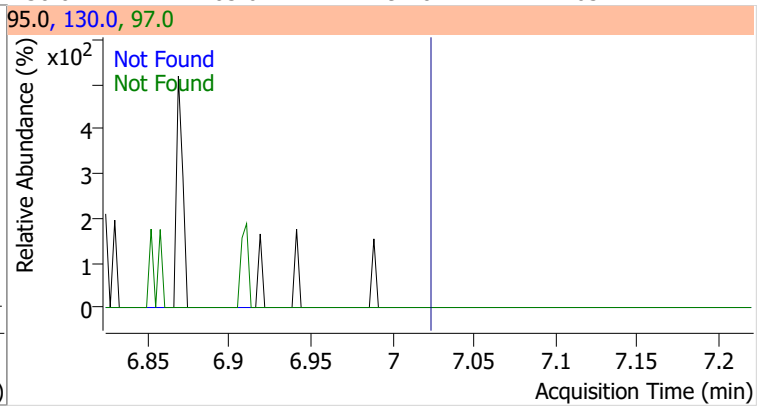
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



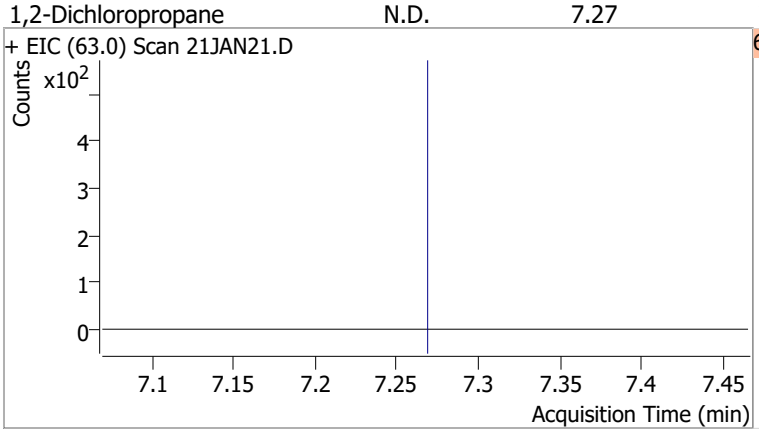


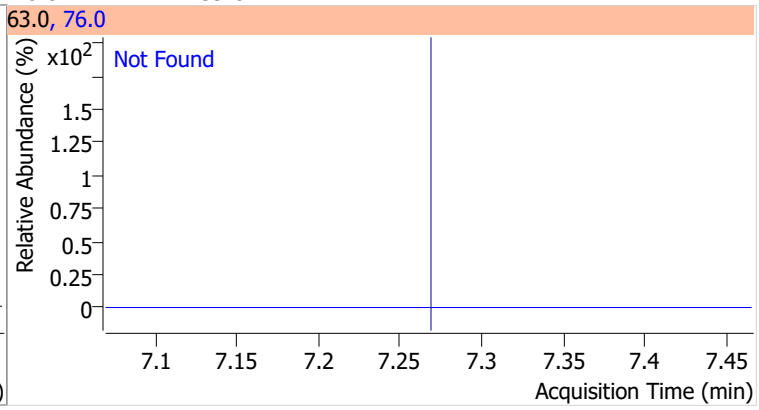
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



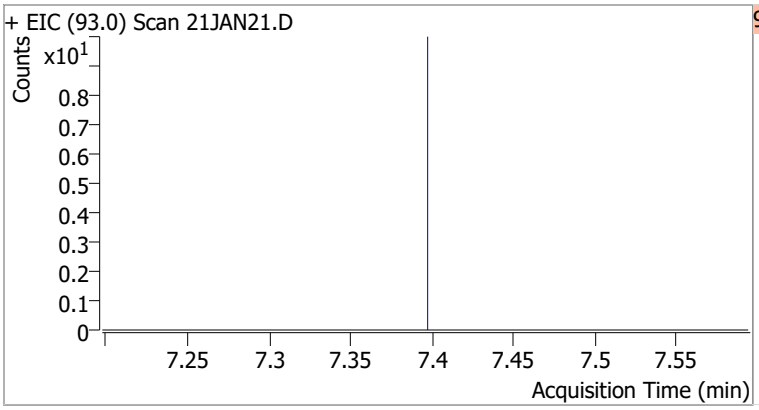


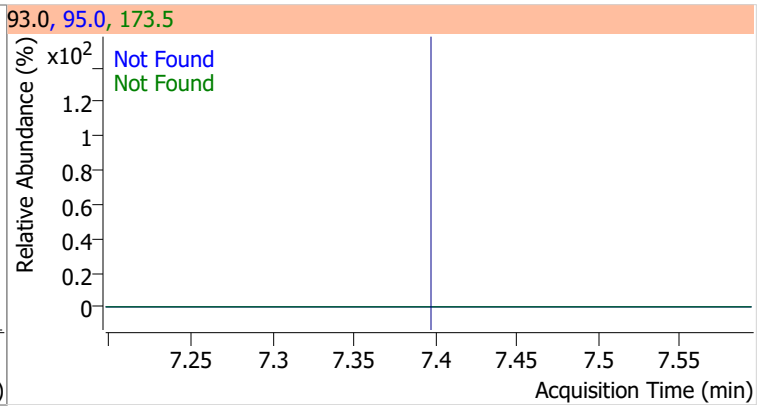
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



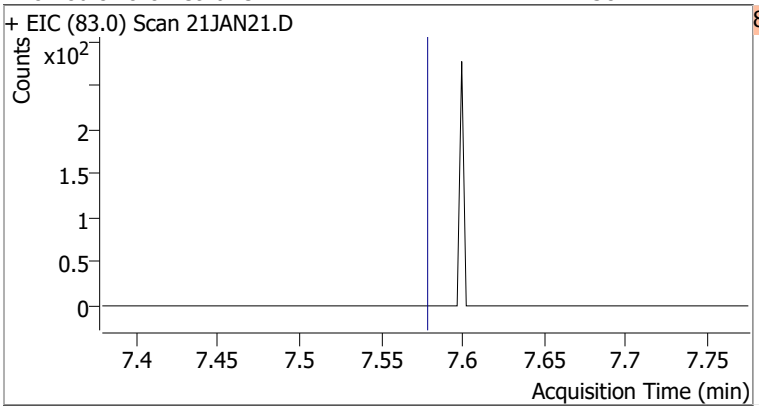


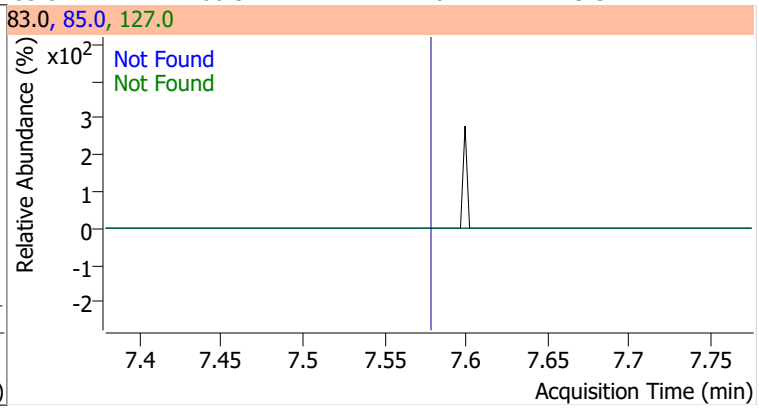
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



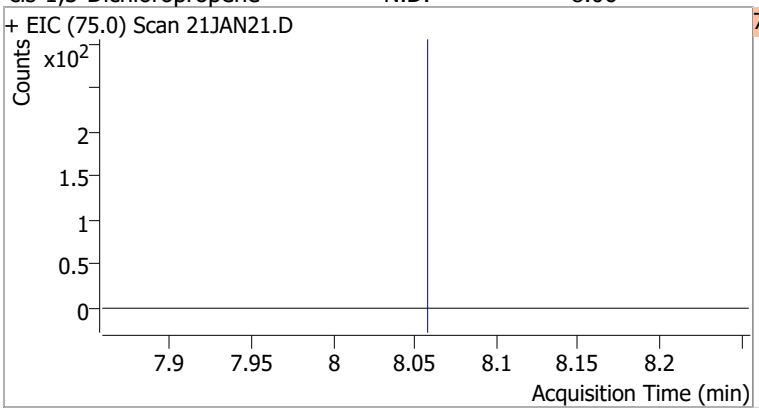


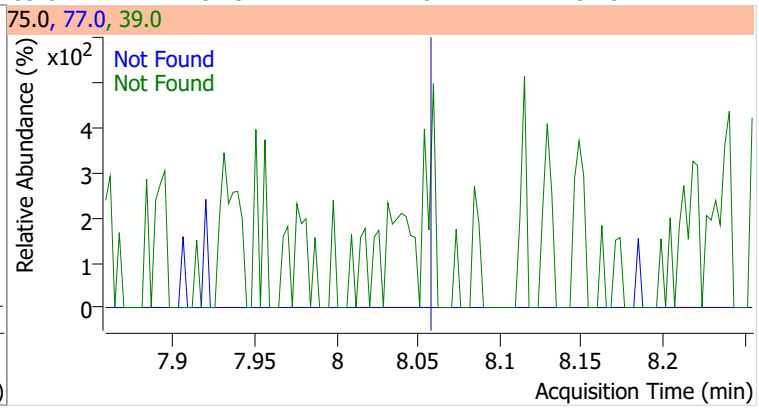
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



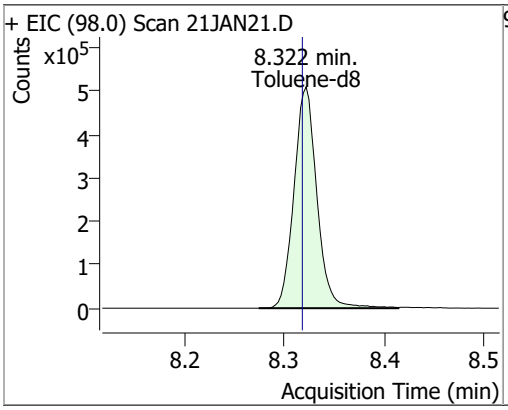


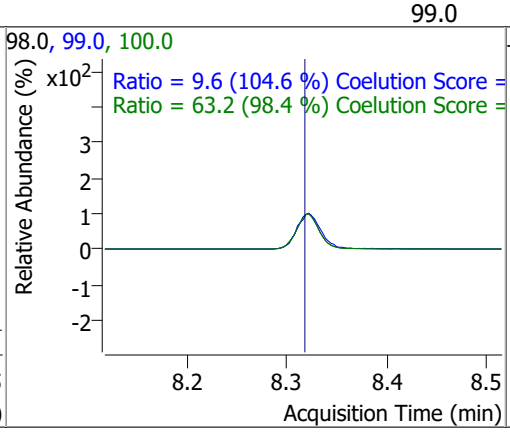
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

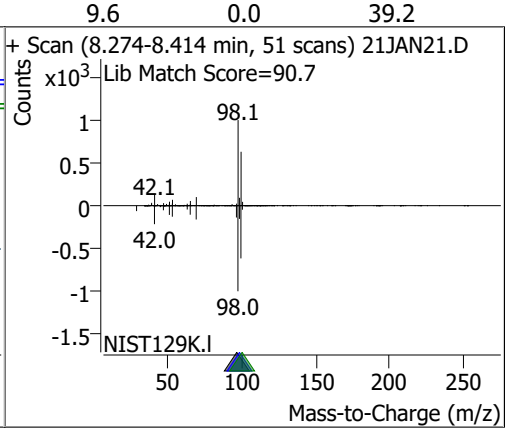




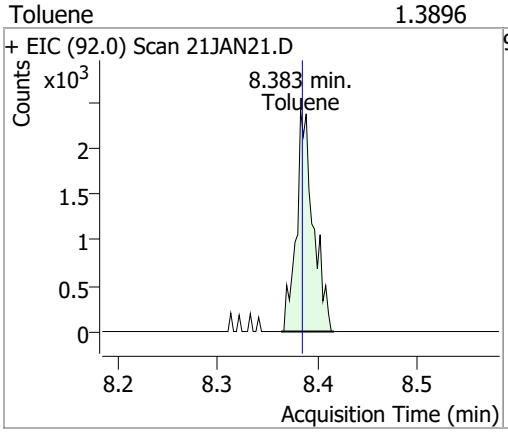
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	262.5642	8.32	0.00	809327	100.0	63.2	34.3	94.3
					99.0	9.6	0.0	39.2

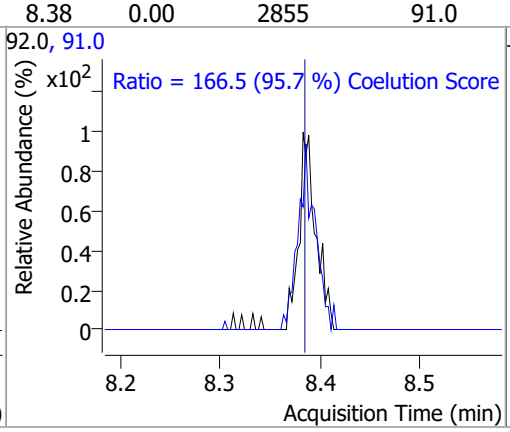


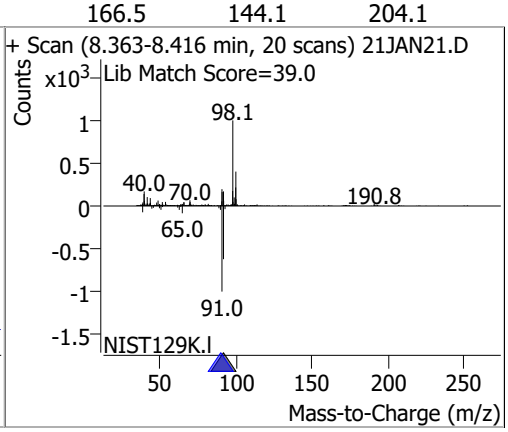




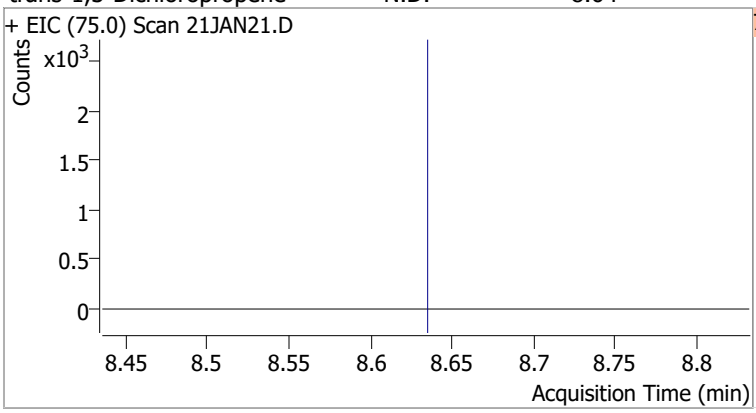
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.3896	8.38	0.00	2855	91.0	166.5	144.1	204.1

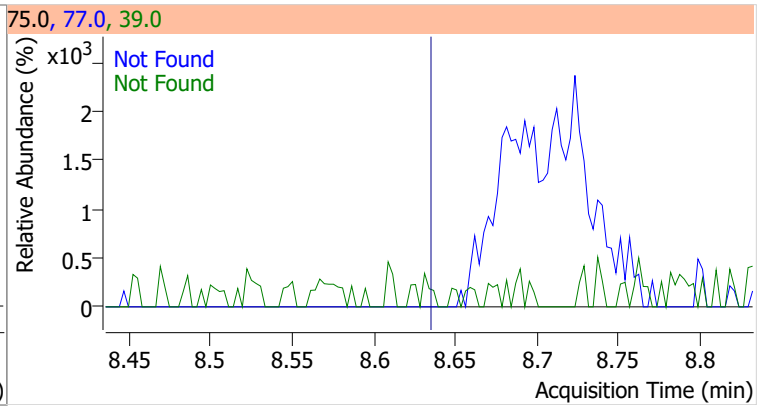




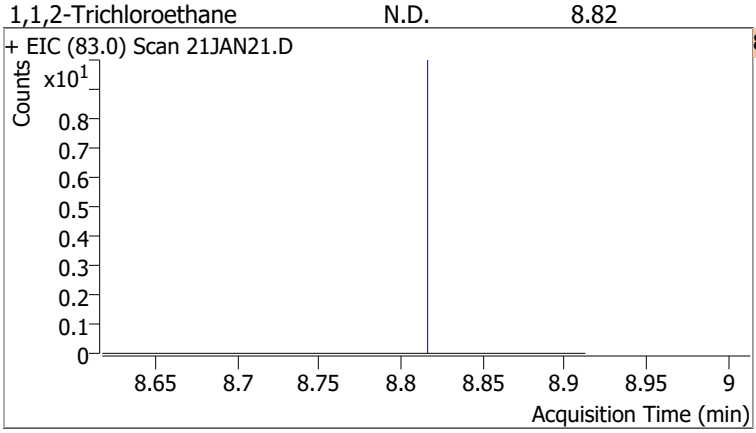


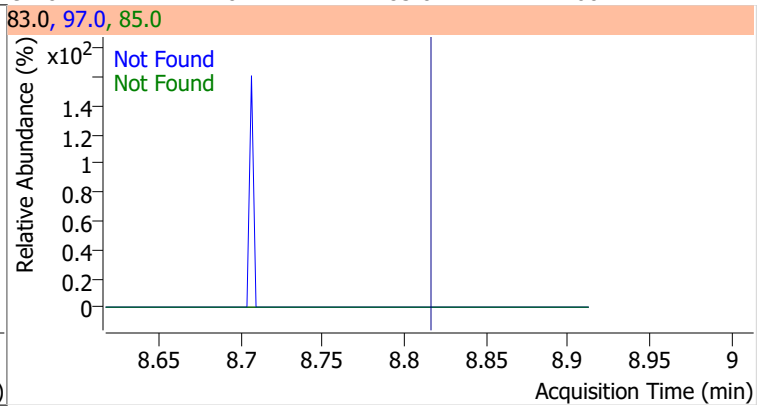
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



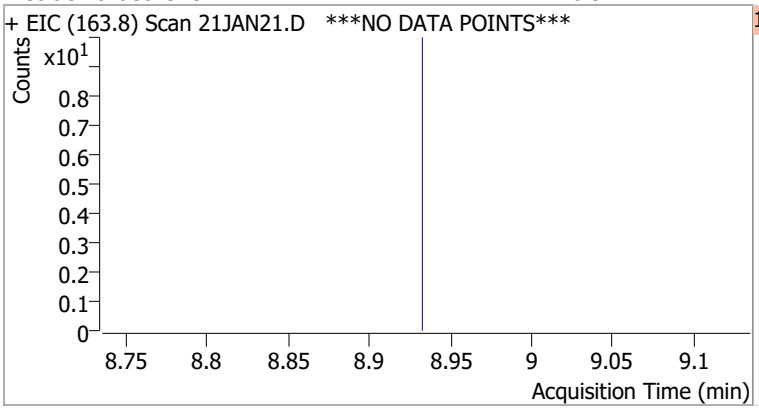


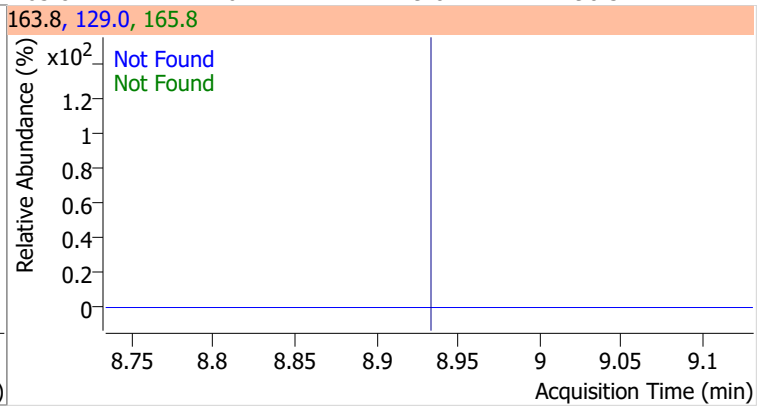
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



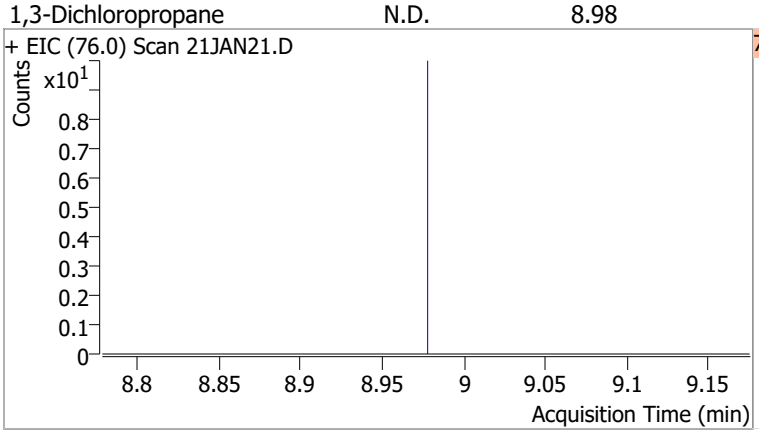


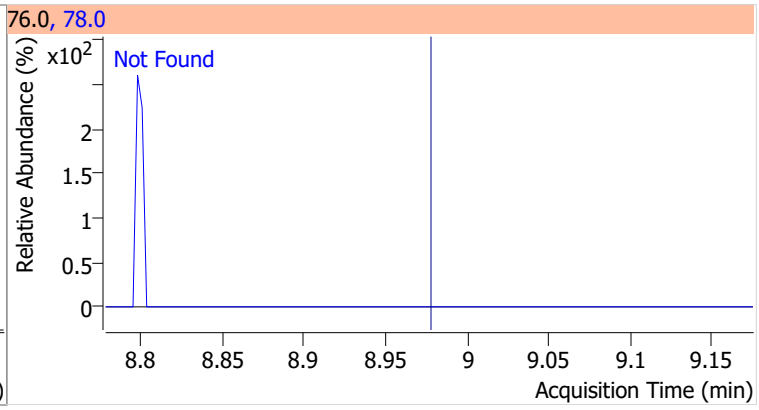
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



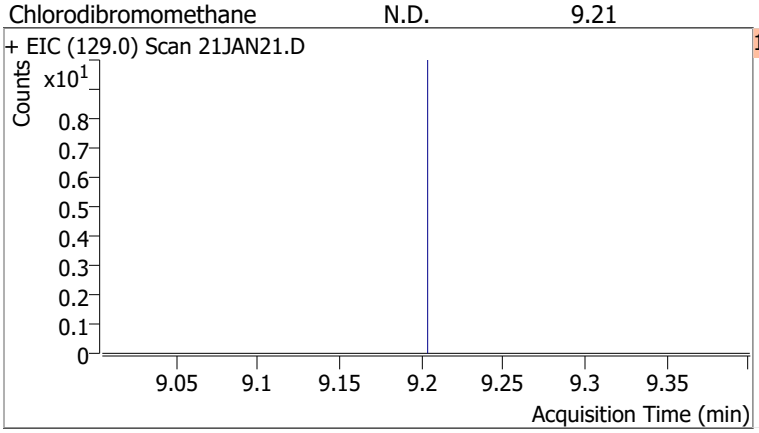


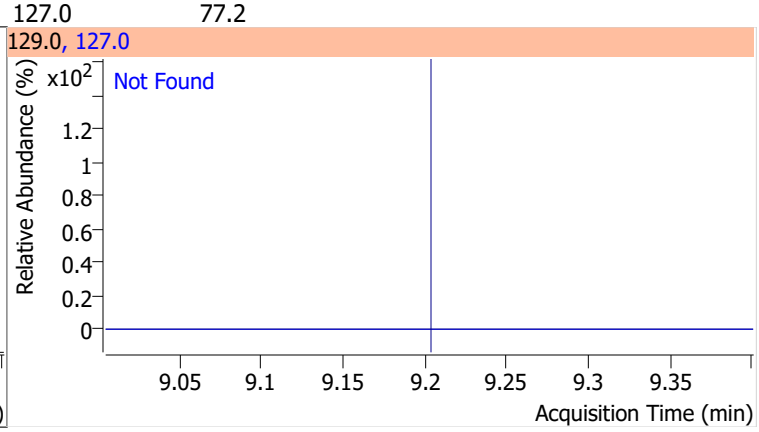
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



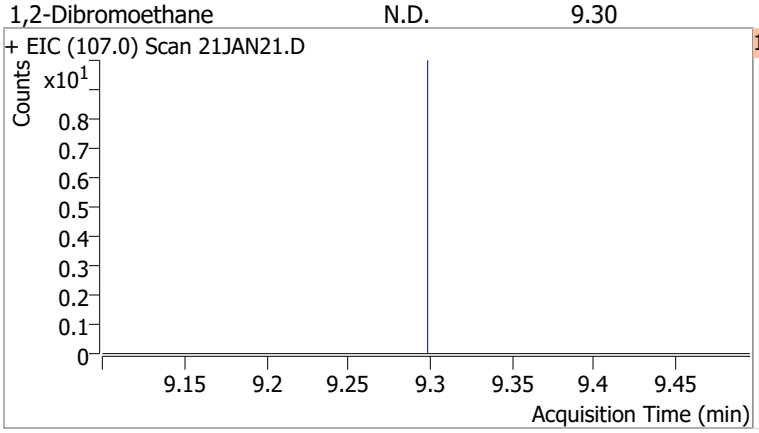


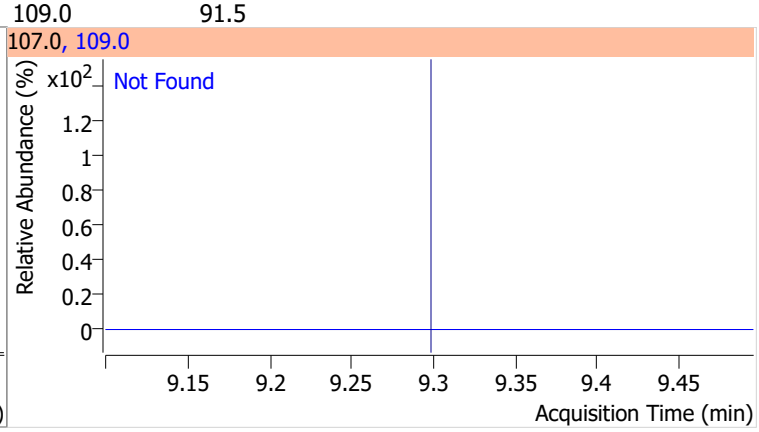
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



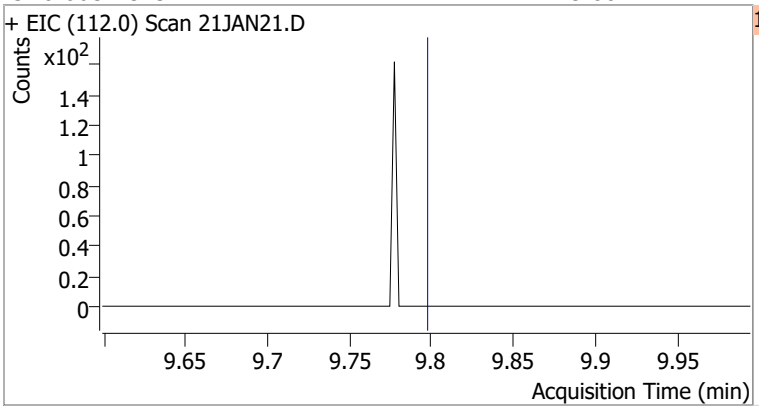


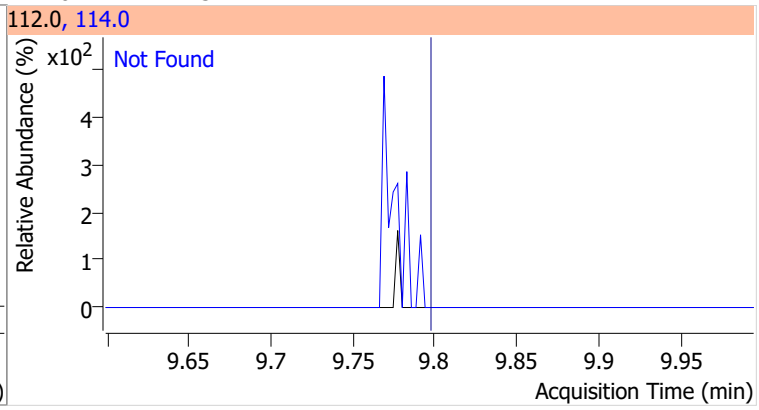
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



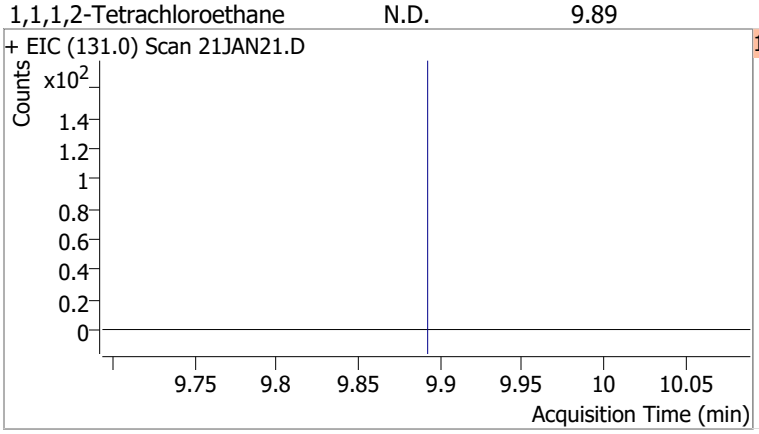


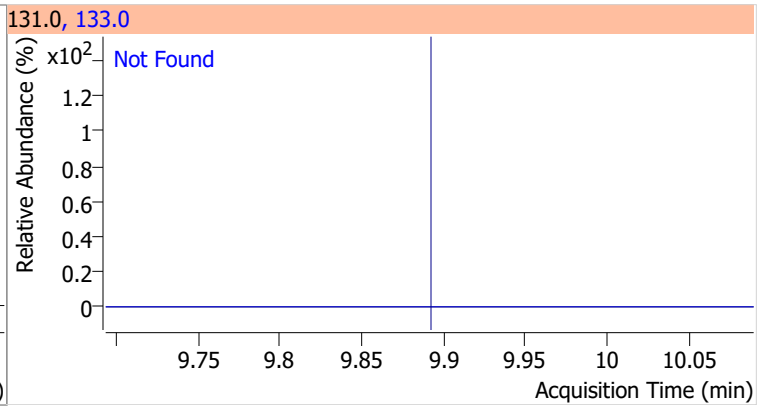
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



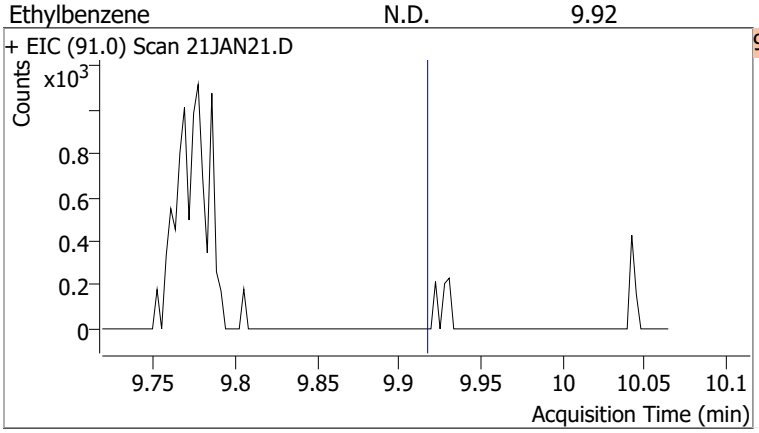


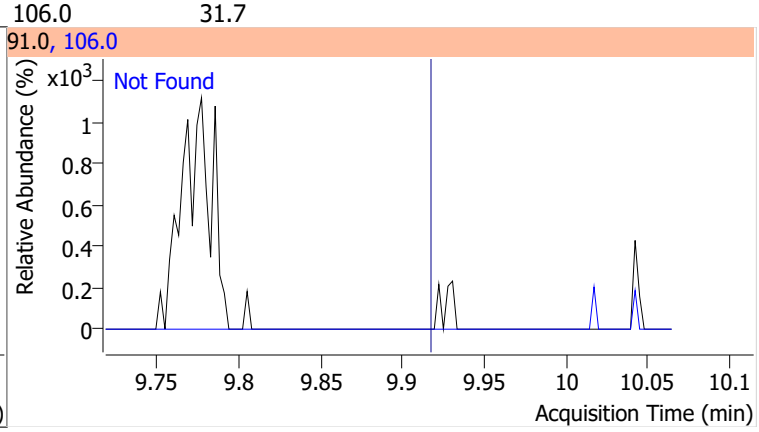
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



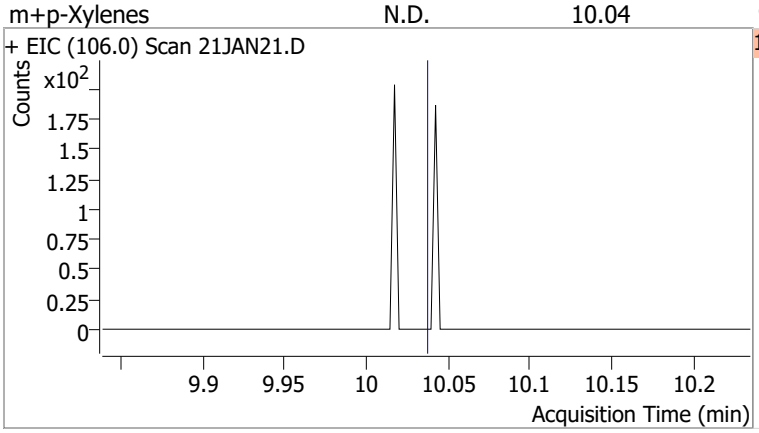


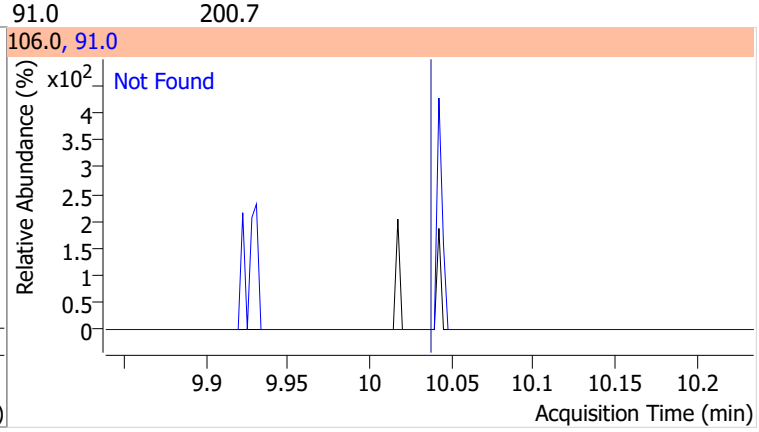
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



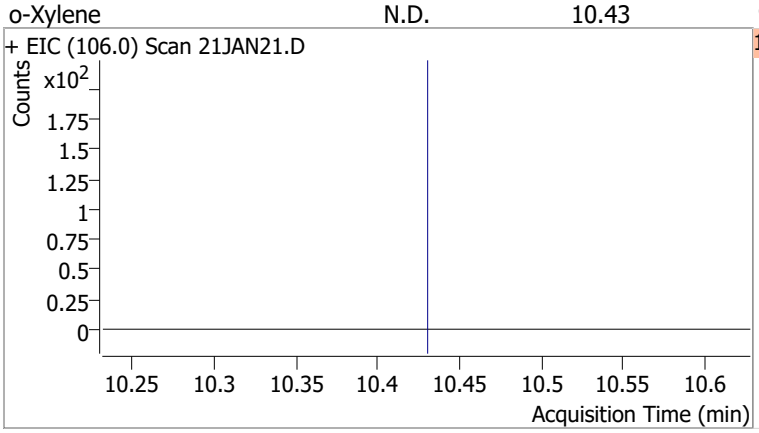


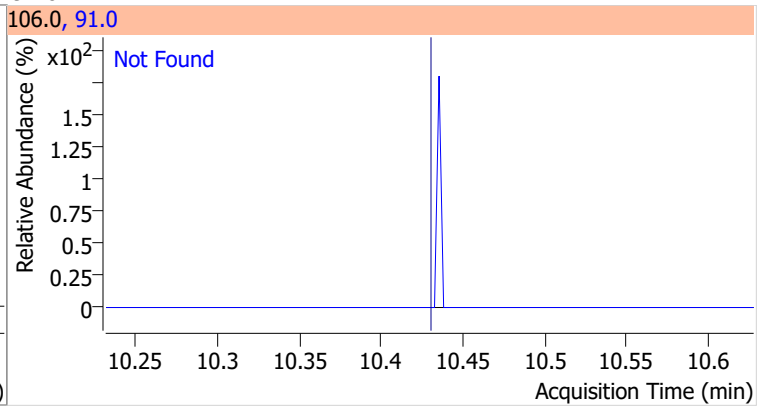
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



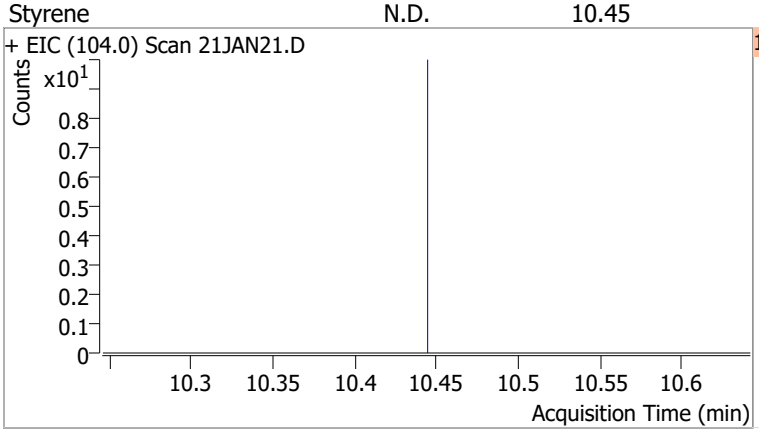


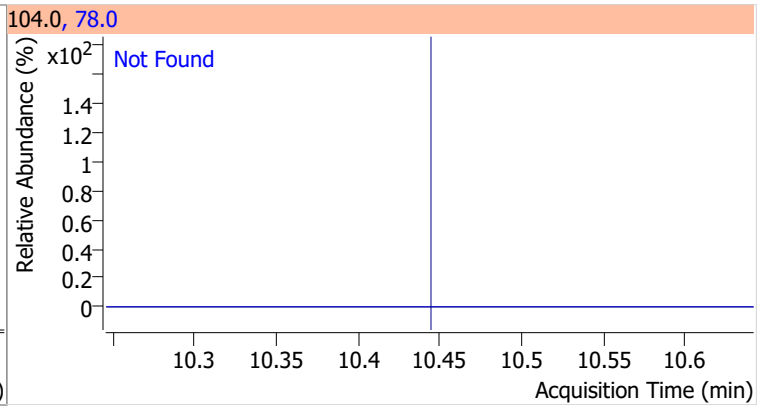
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



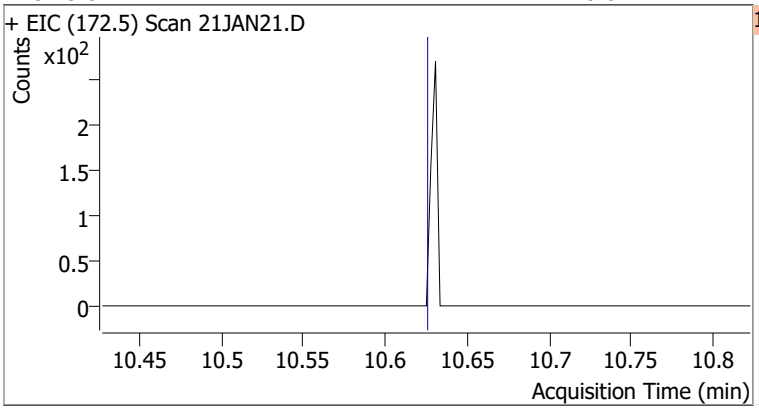


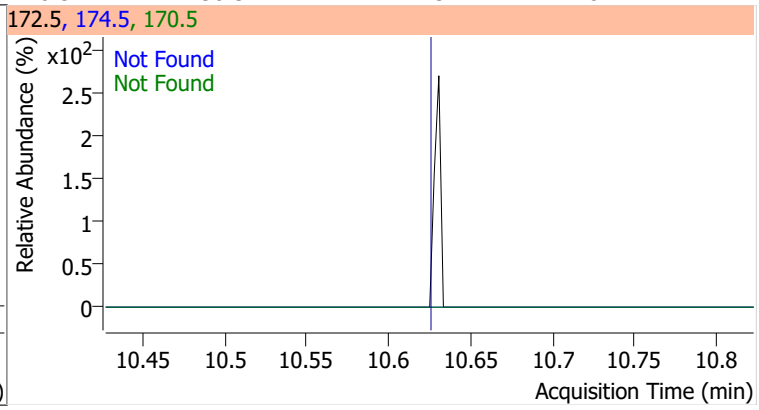
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



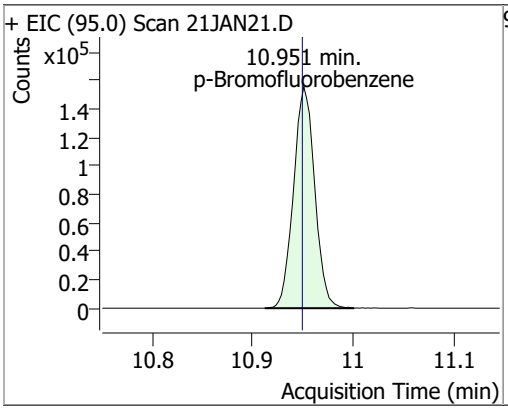


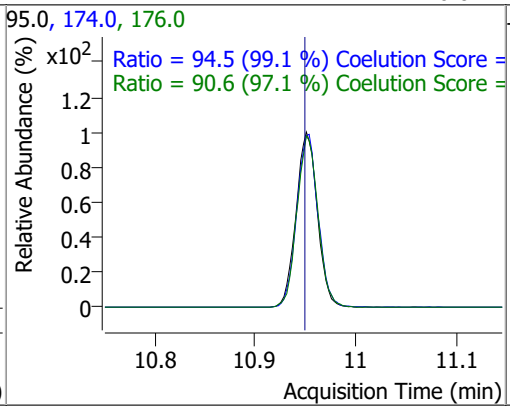
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

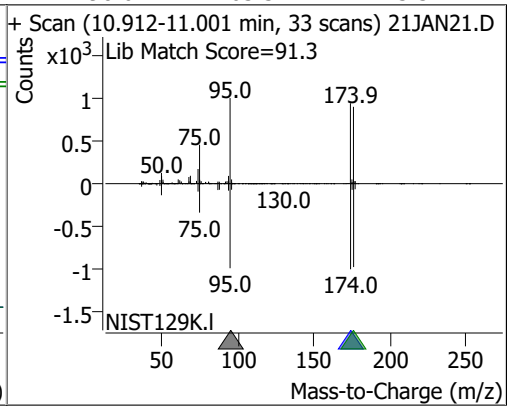




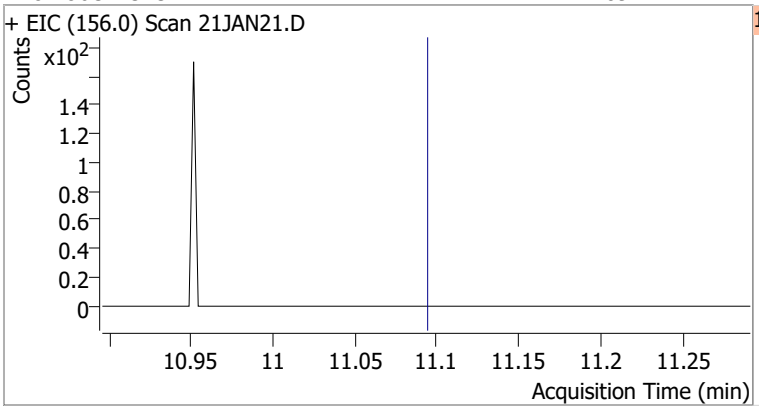
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.0023	10.95	0.00	228821	174.0	94.5	65.3	125.3
					176.0	90.6	63.3	123.3

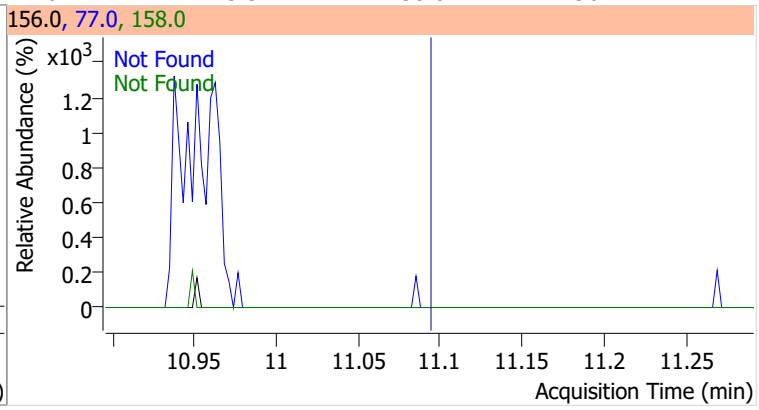




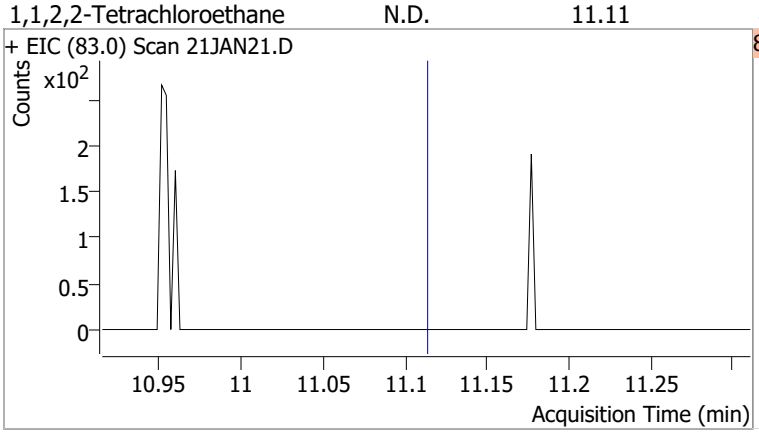


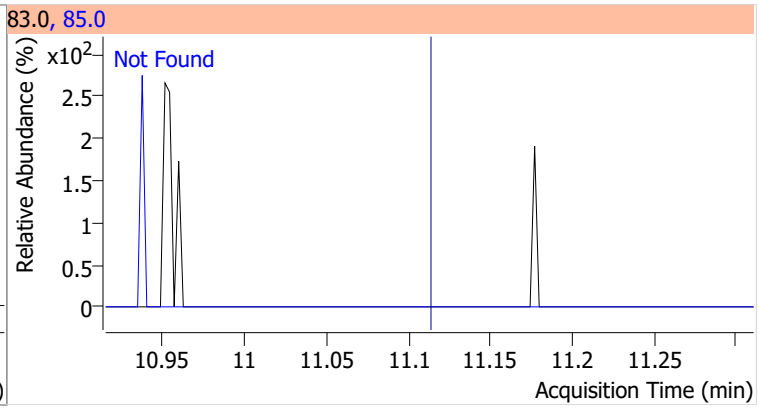
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



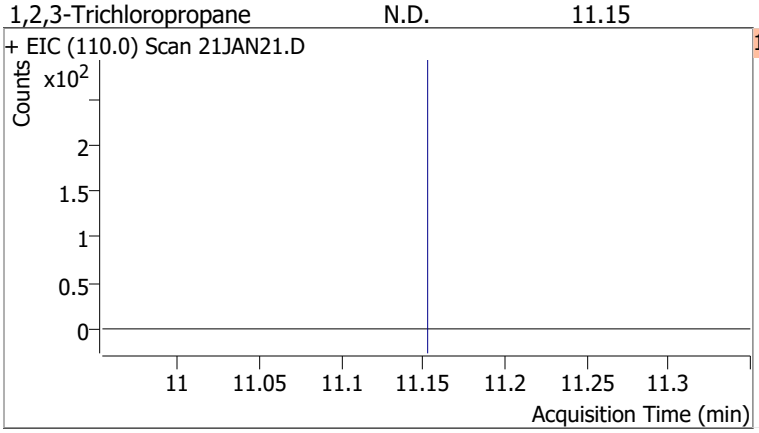


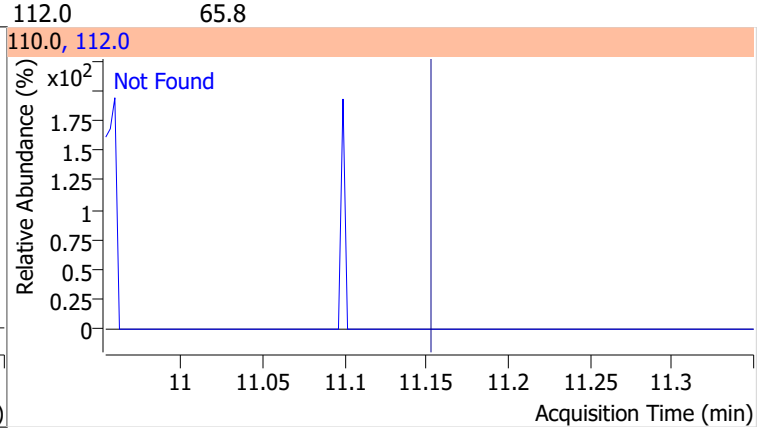
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



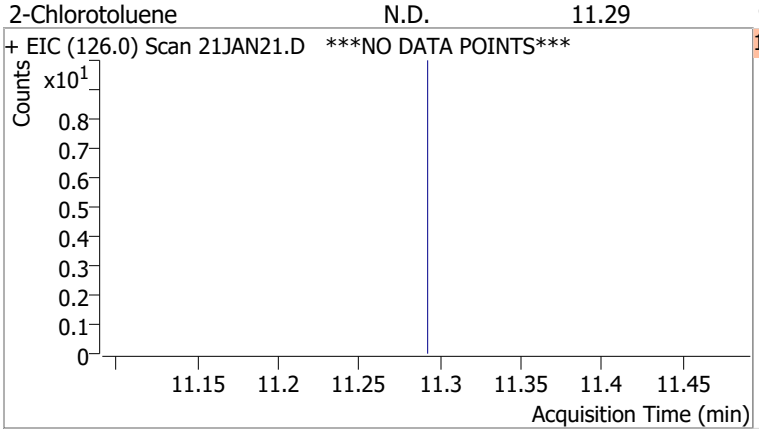


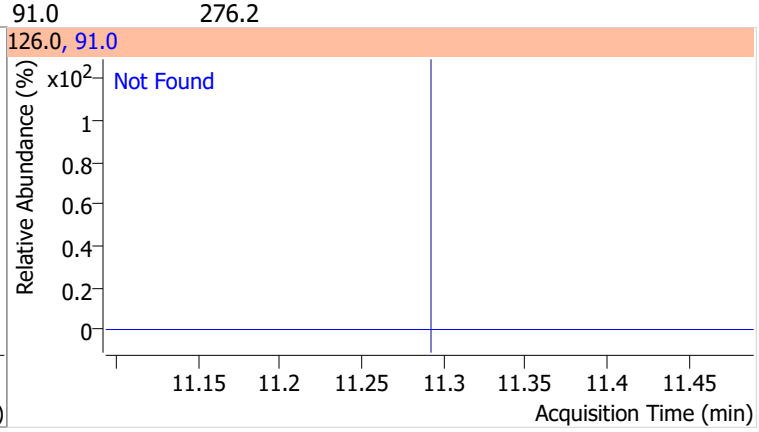
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



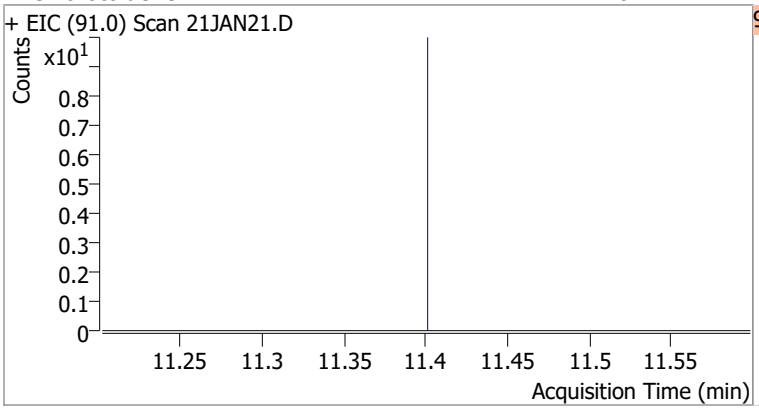


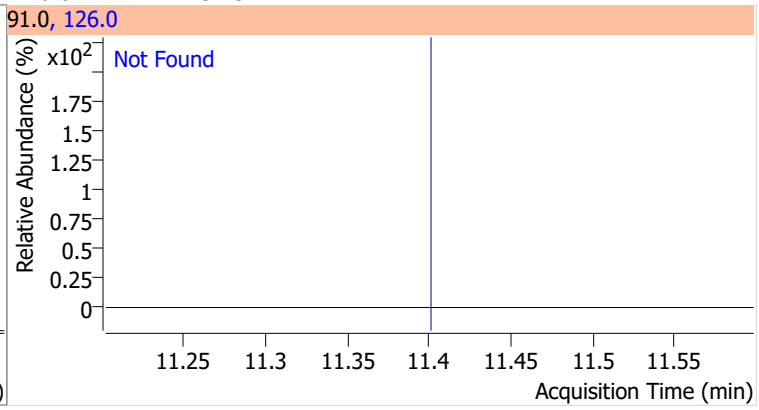
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



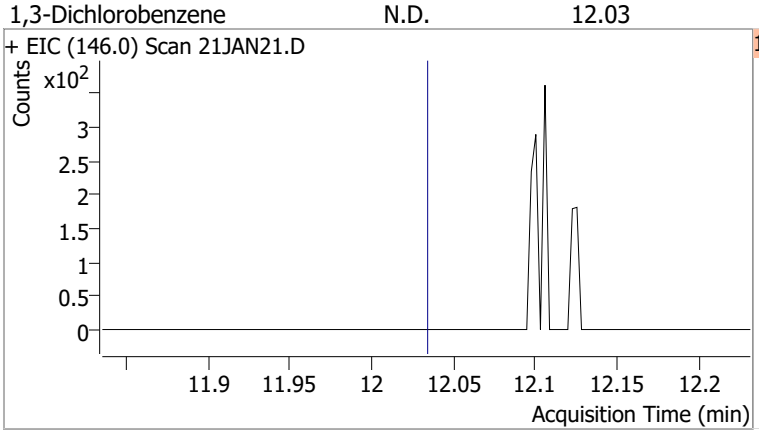


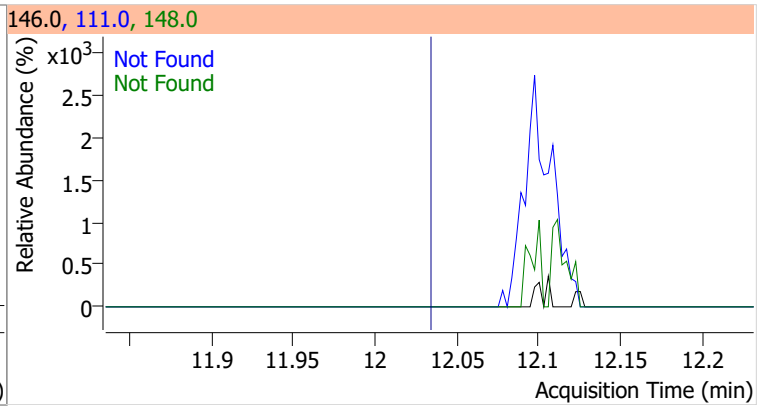
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



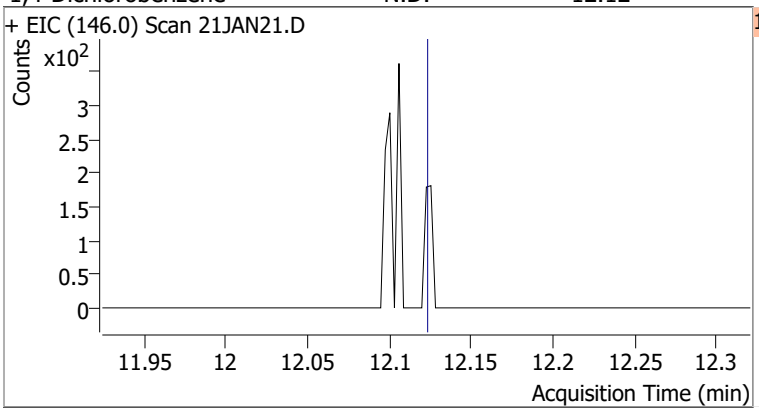


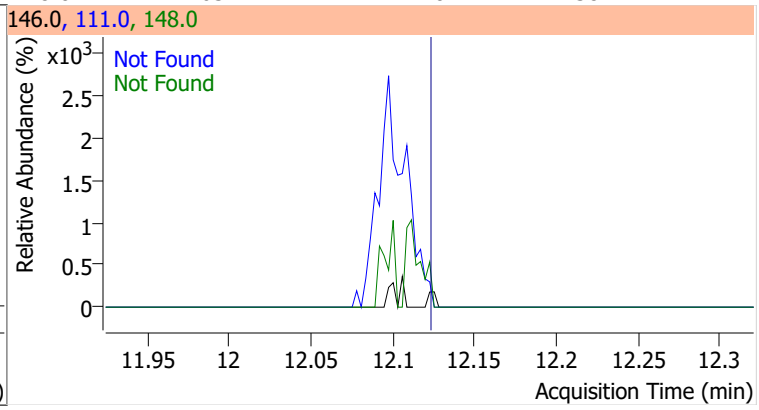
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



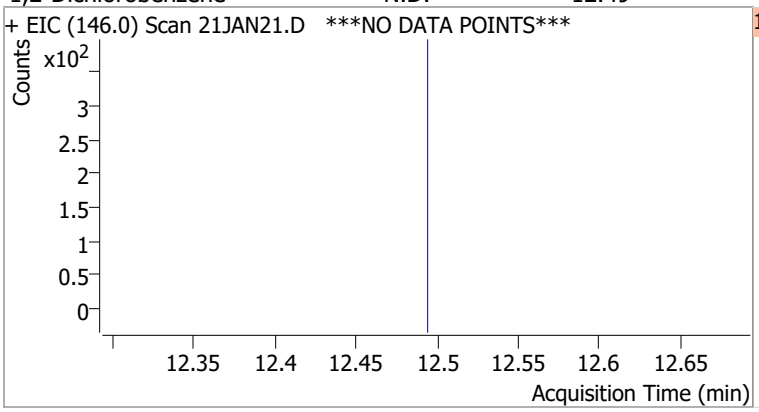


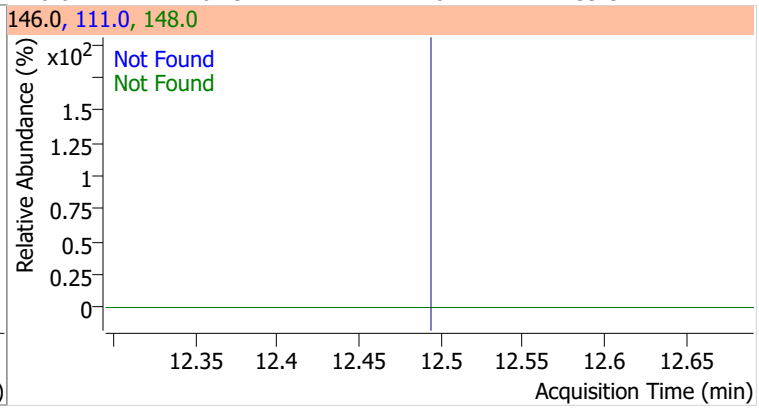
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





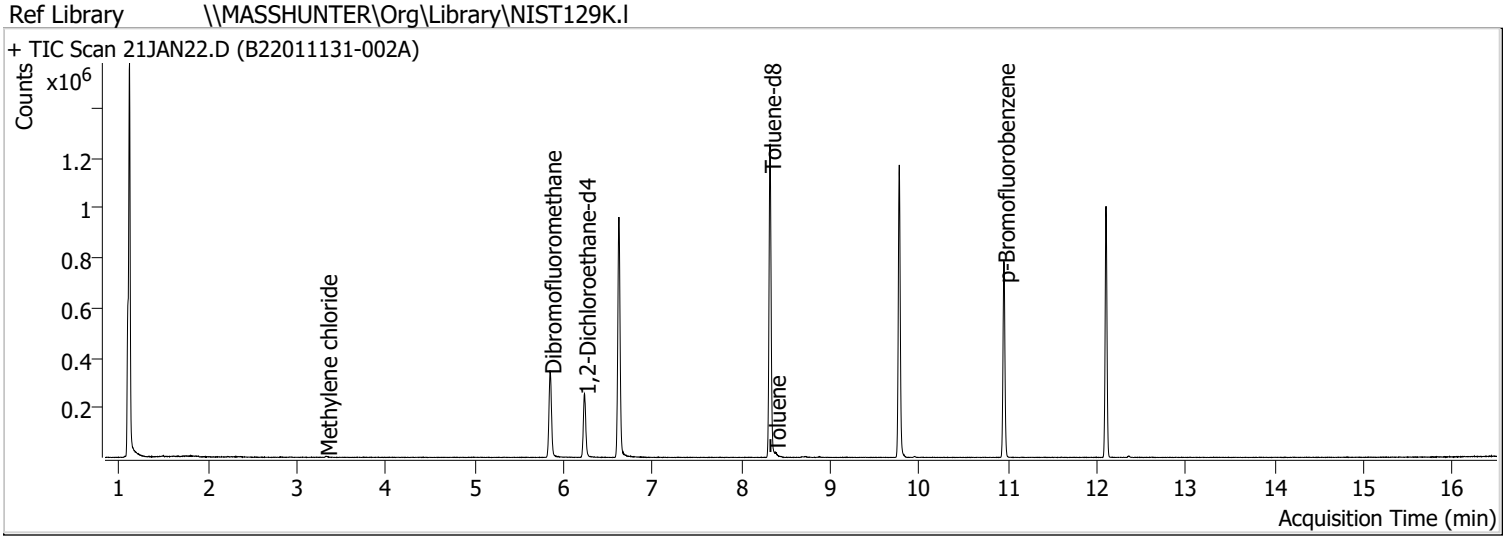
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN22.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 7:20:53 PM
Sample Name	B22011131-002A	Instrument	VOA5975C
Vial	22	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

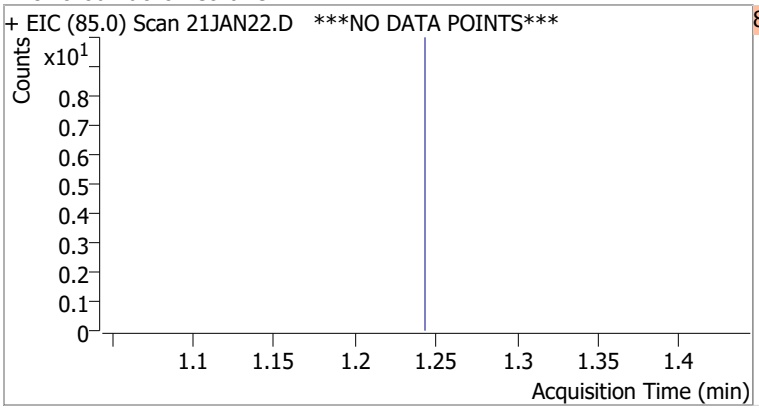


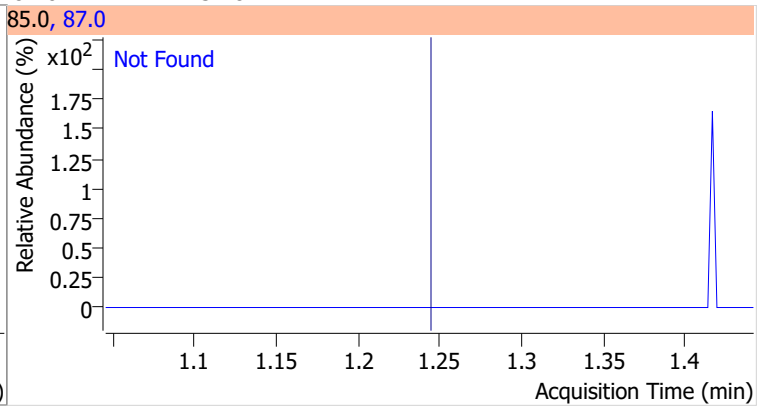
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	799536	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	313931	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	236992	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.851	113.0	211635	273.2832	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.31%		
S 1,2-Dichloroethane-d4	6.236	67.0	91491	273.4932	ng	0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 109.40%		
S Toluene-d8	8.321	98.0	769000	251.0857	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 100.43%		
S p-Bromofluorobenzene	10.951	95.0	222592	254.3823	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.75%		
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	3.327	49.0	3016	2.5805	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	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	8.374	92.0	2899	1.4202	ng	m	97
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.			

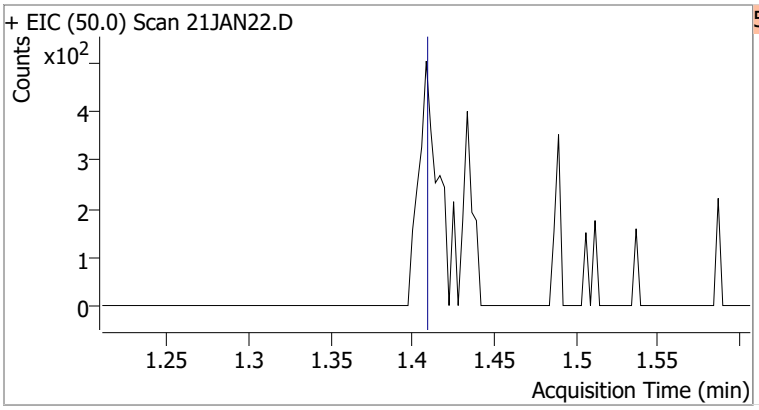
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

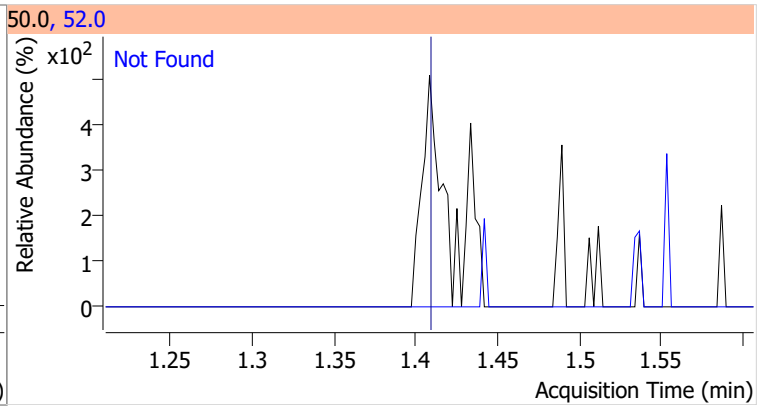
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8



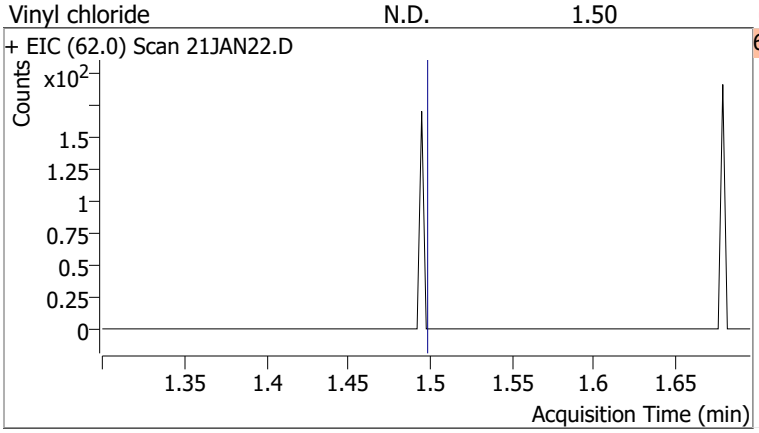


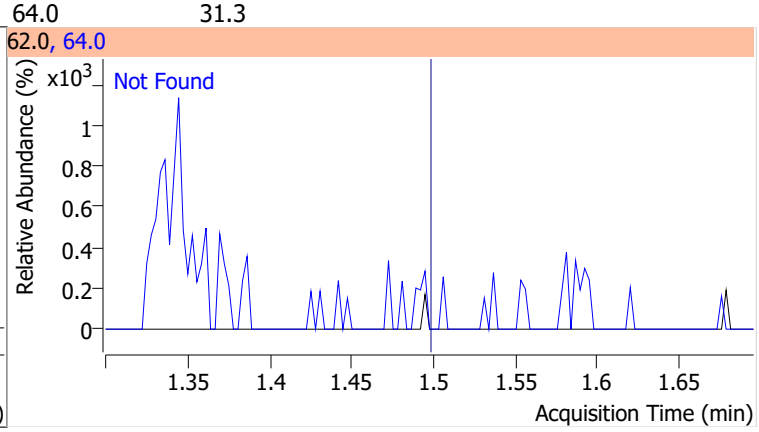
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	32.4



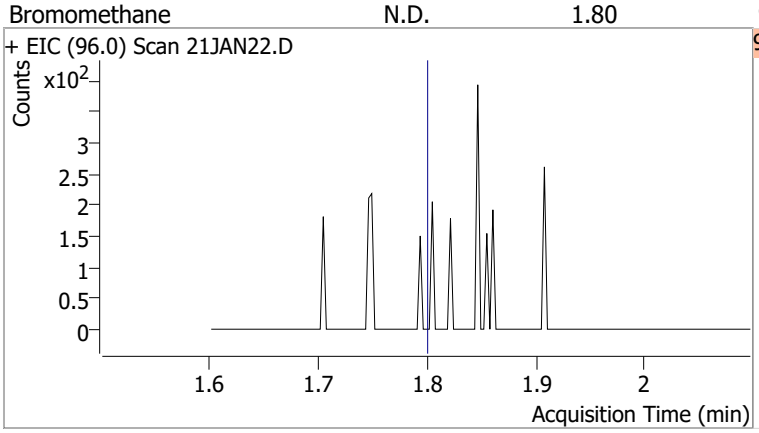


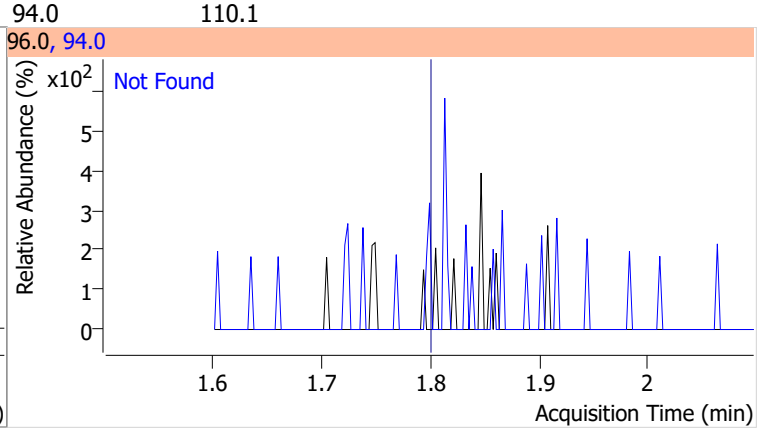
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



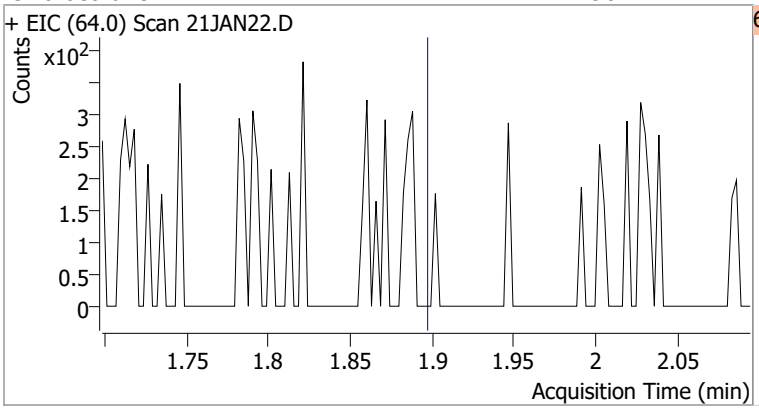


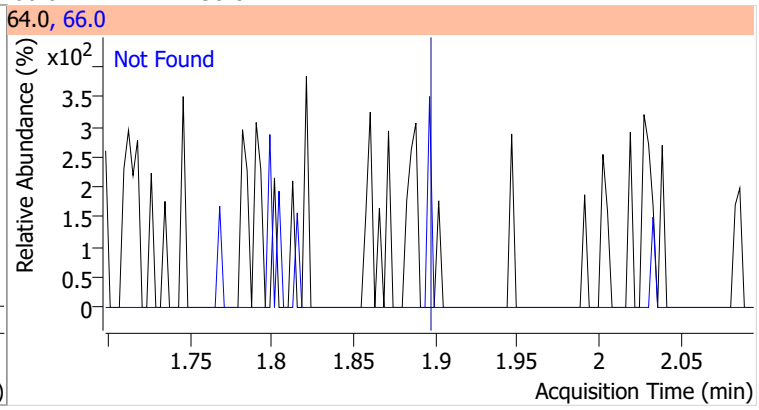
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



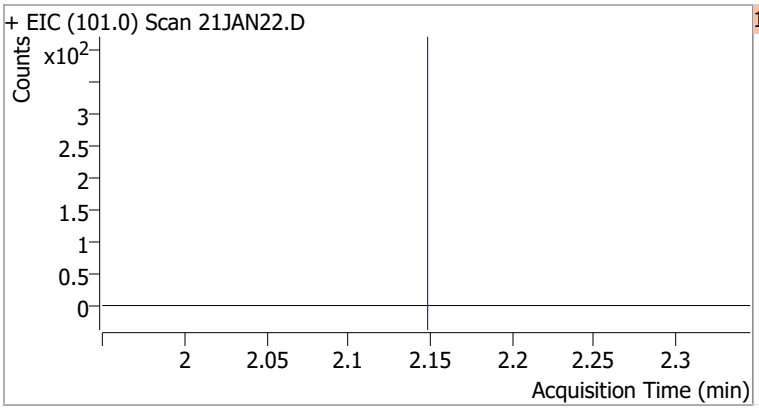


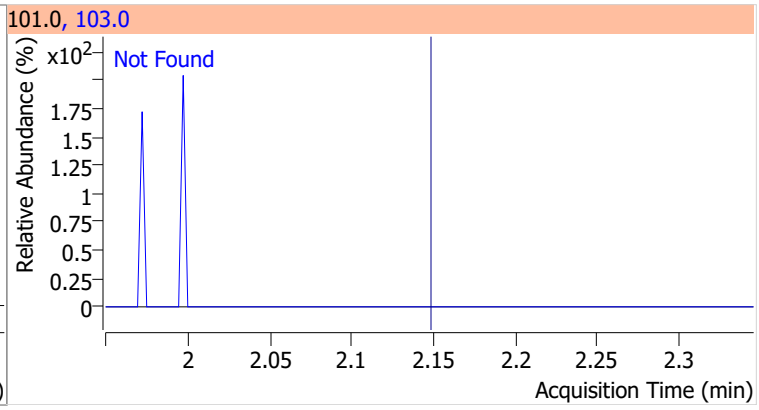
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



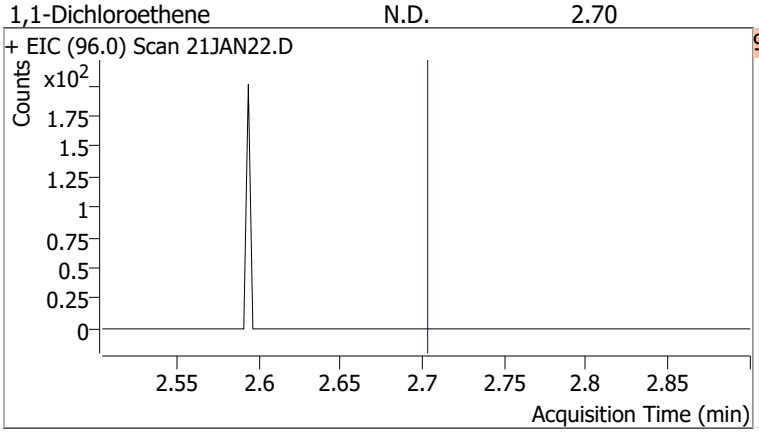


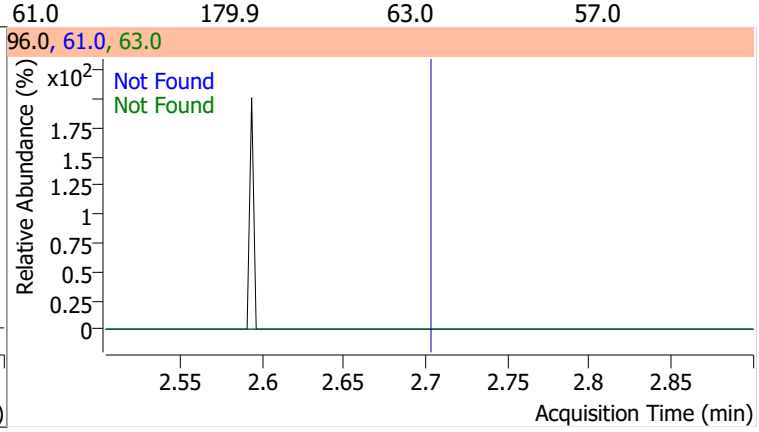
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



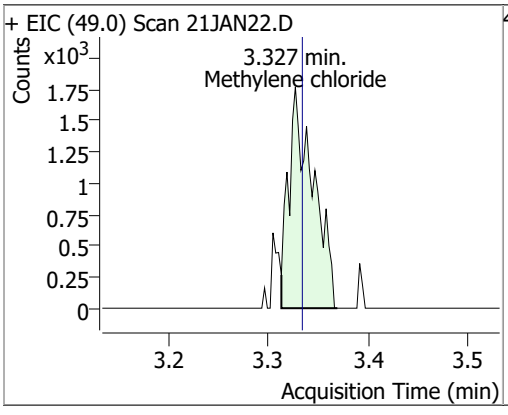


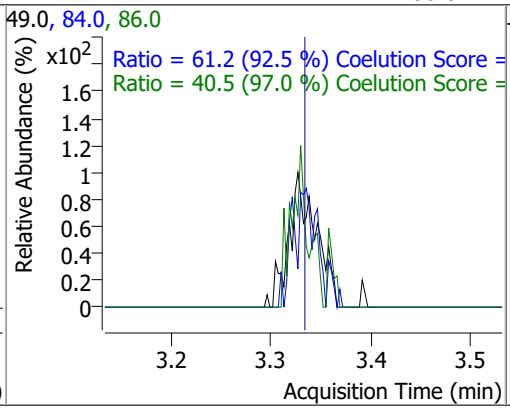
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

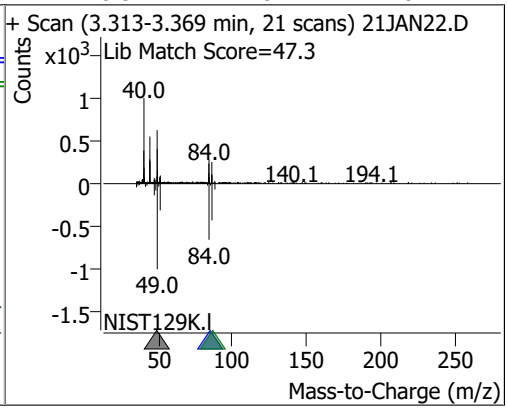




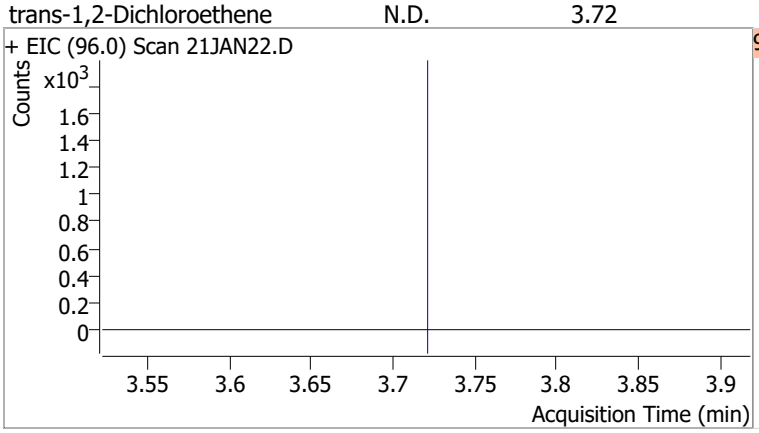
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	2.5805	3.33	-0.01	3016	84.0	61.2	36.1	96.1
					86.0	40.5	11.8	71.8

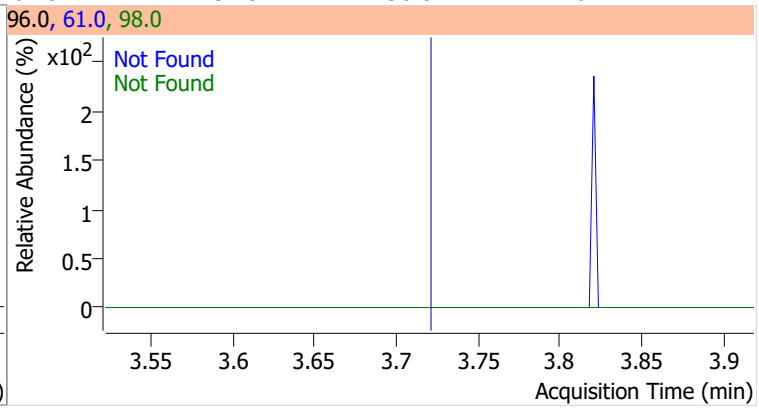




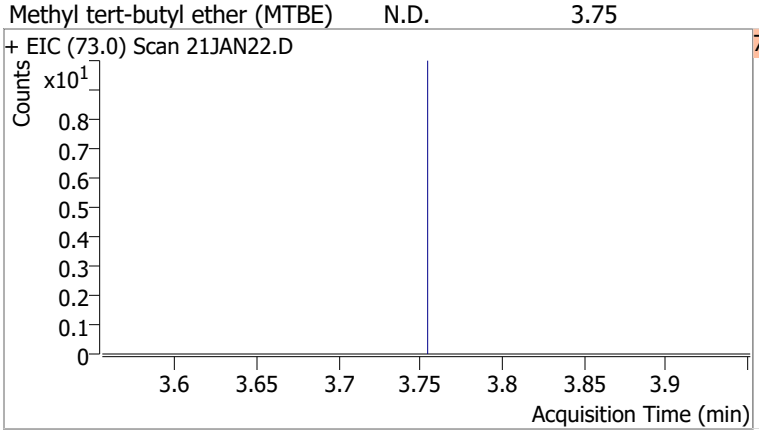


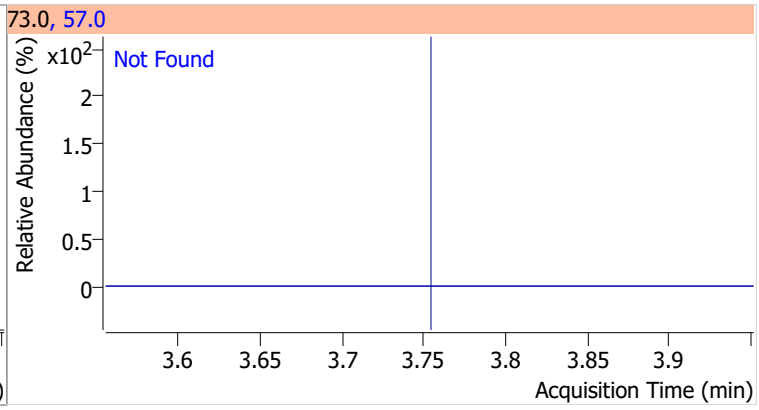
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



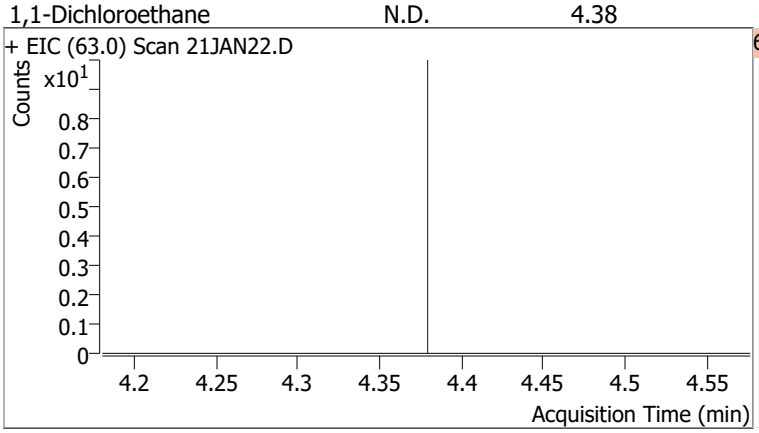


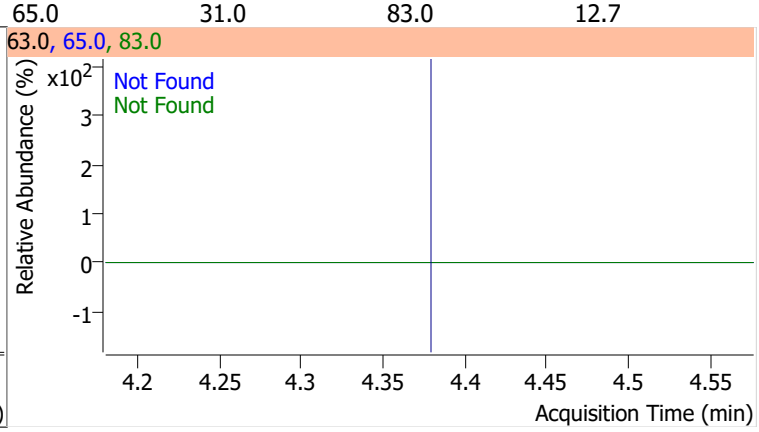
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



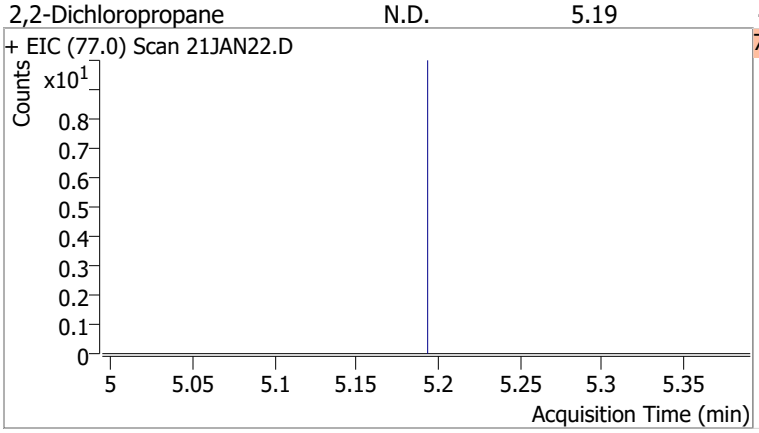


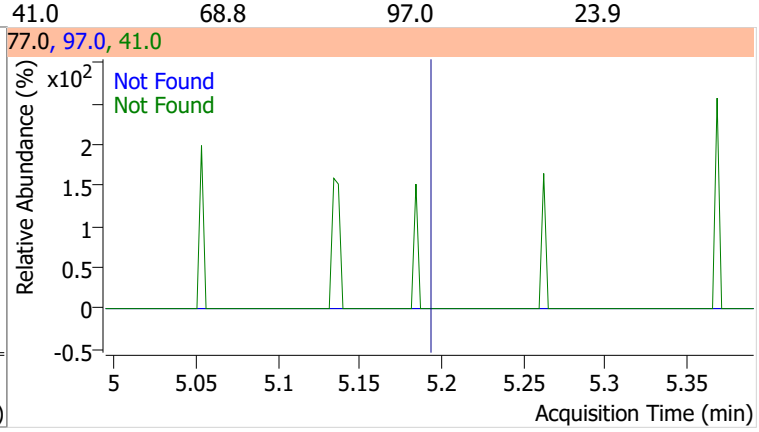
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



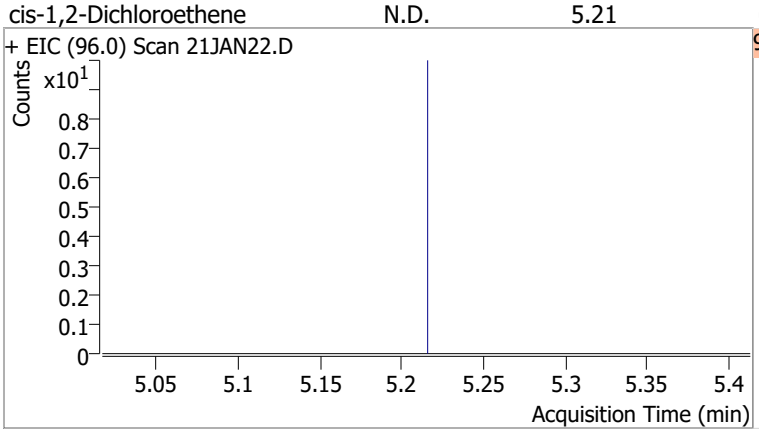


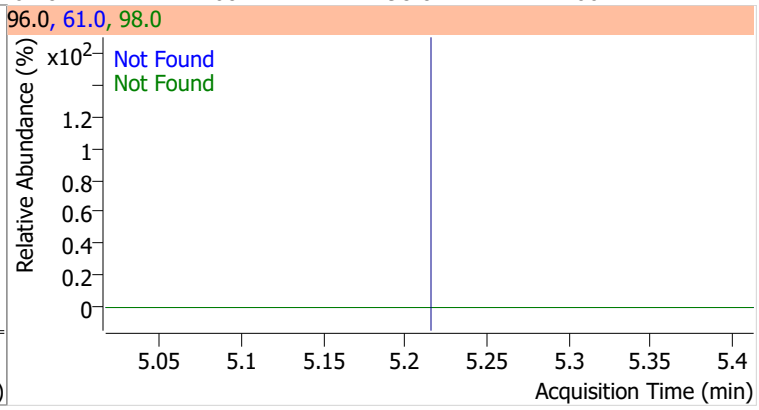
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



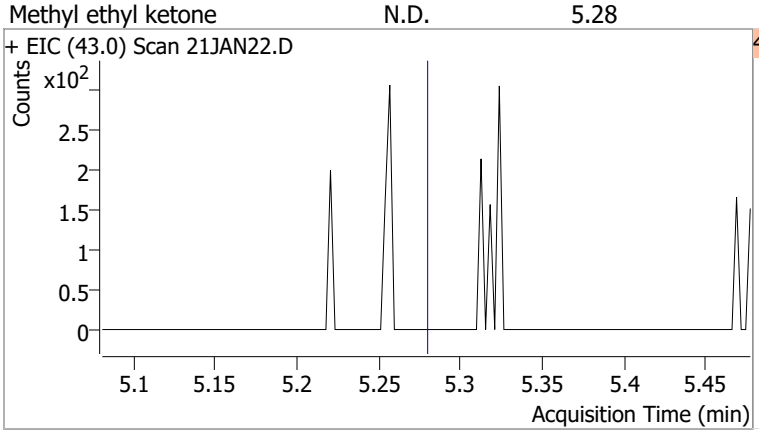


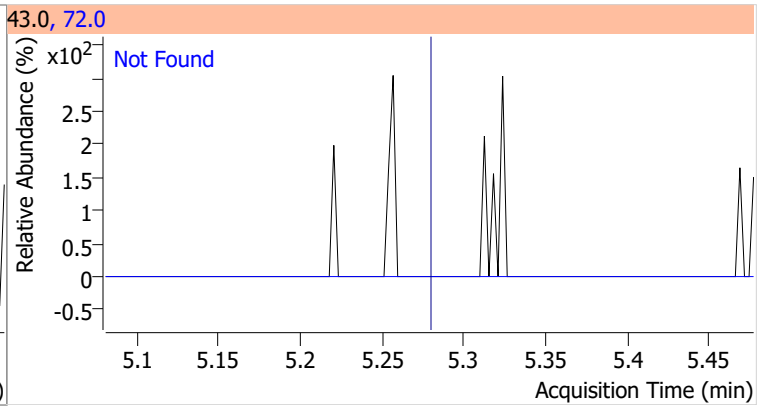
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



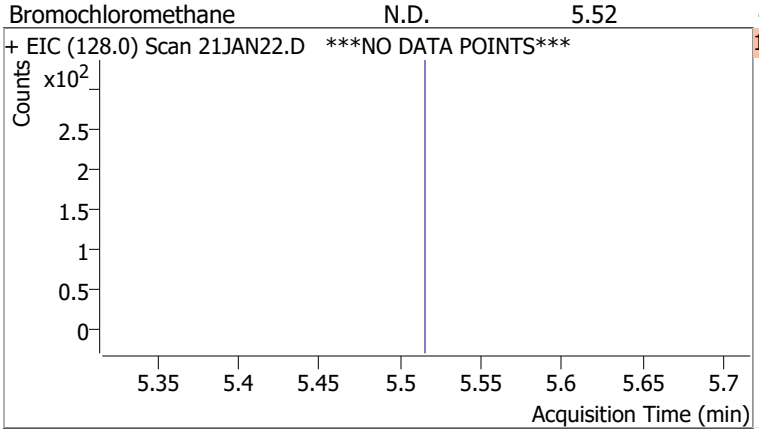


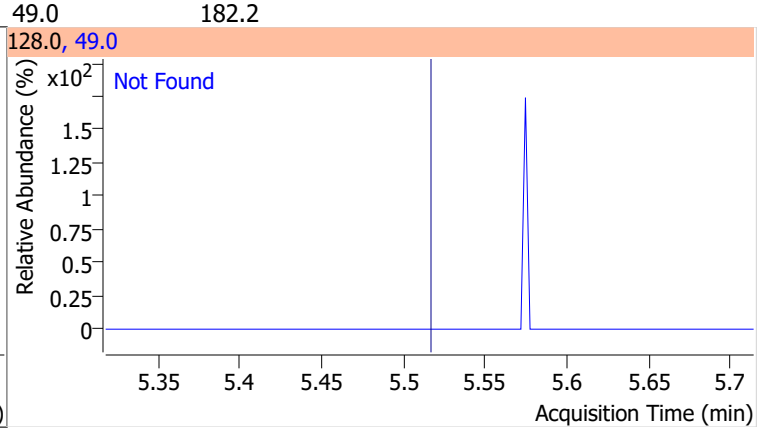
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



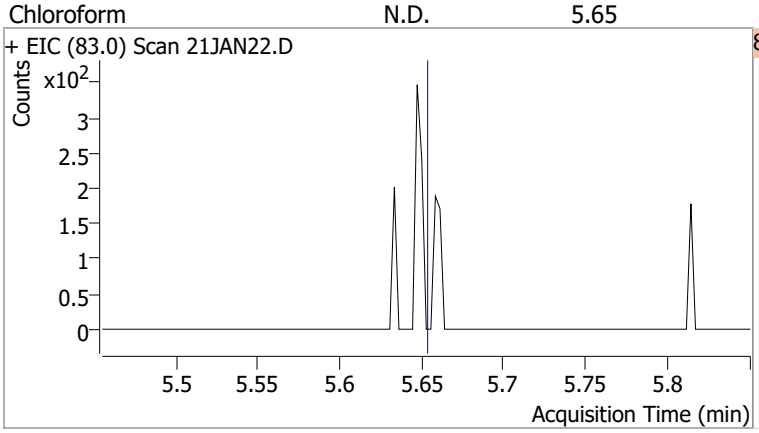


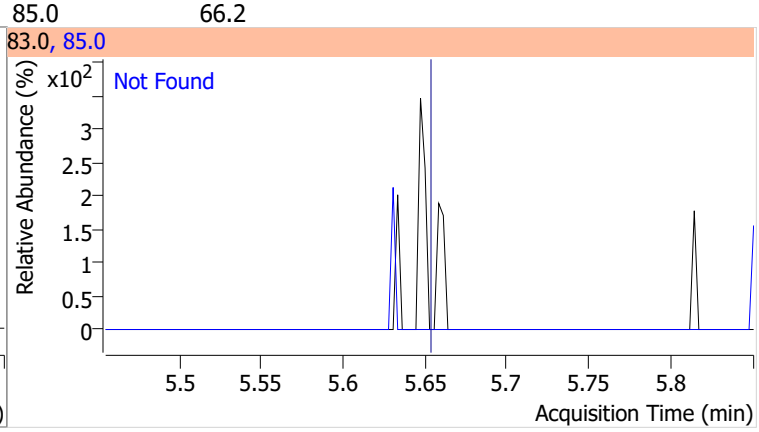
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



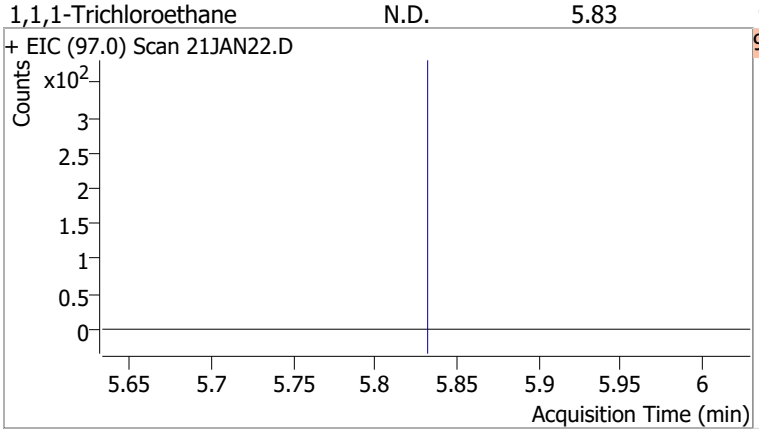


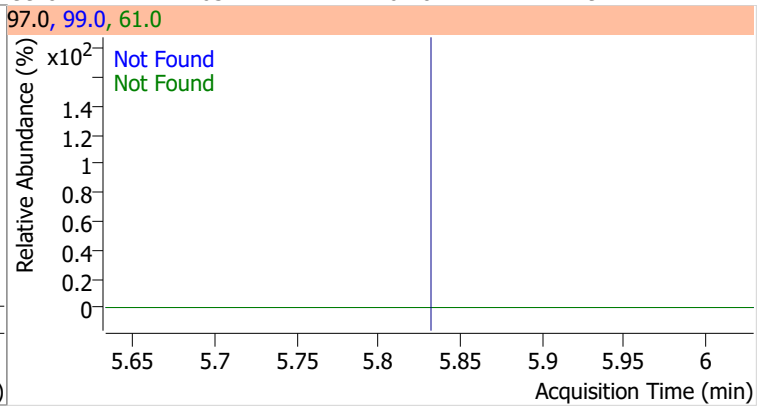
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



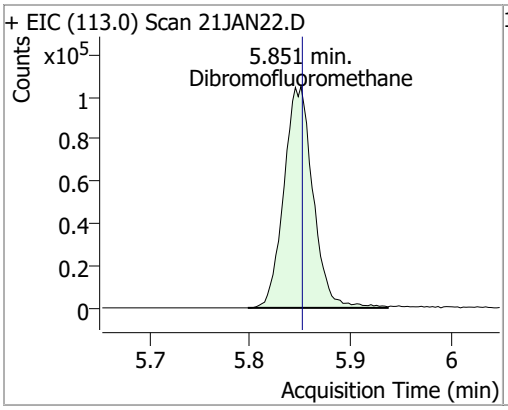


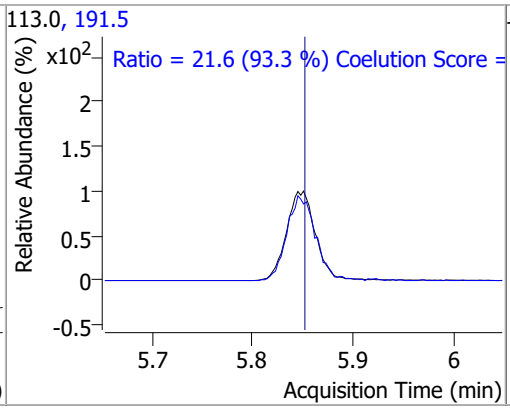
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

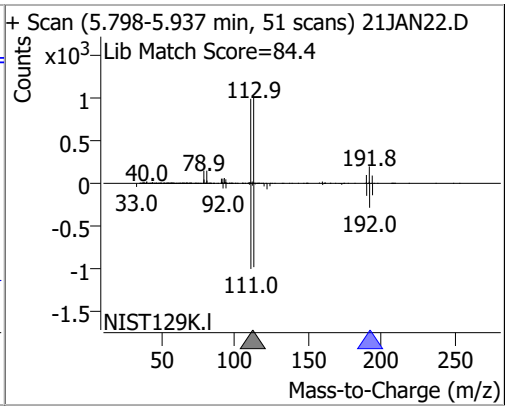




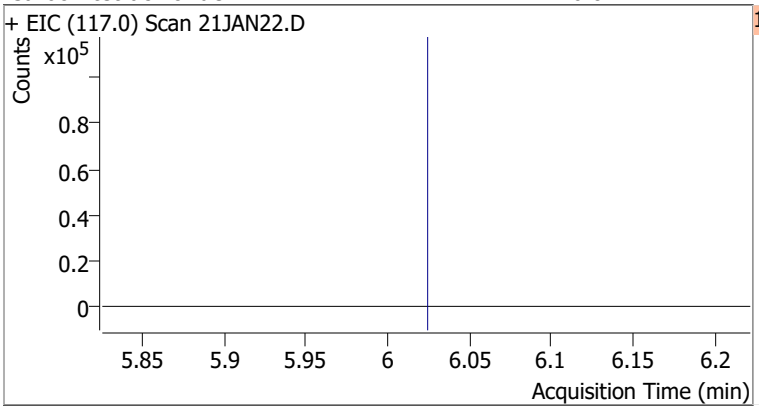
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	273.2832	5.85	0.00	211635	191.5	21.6	0.0	53.2

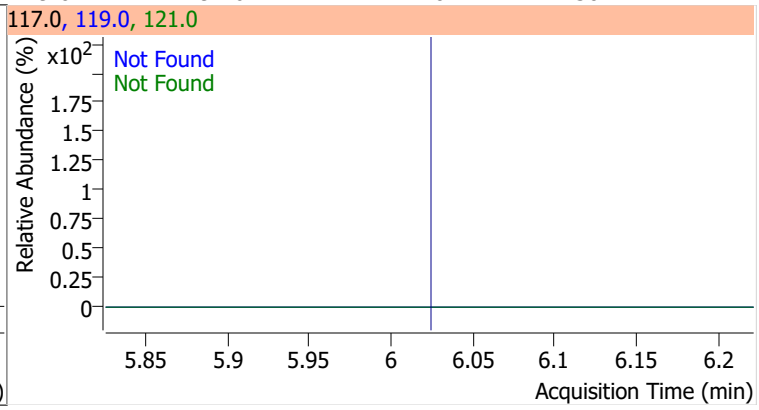




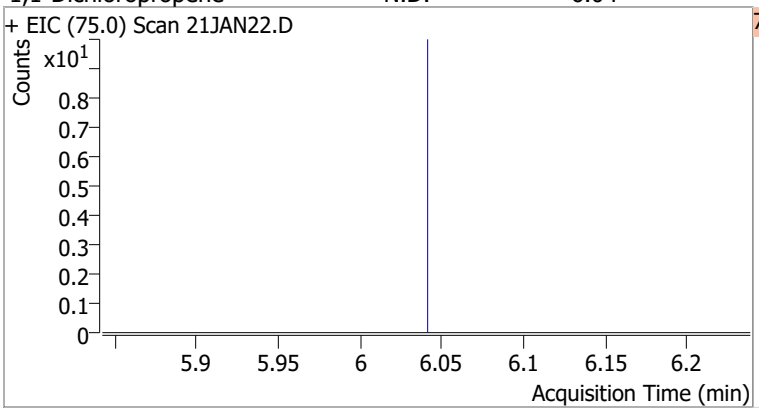


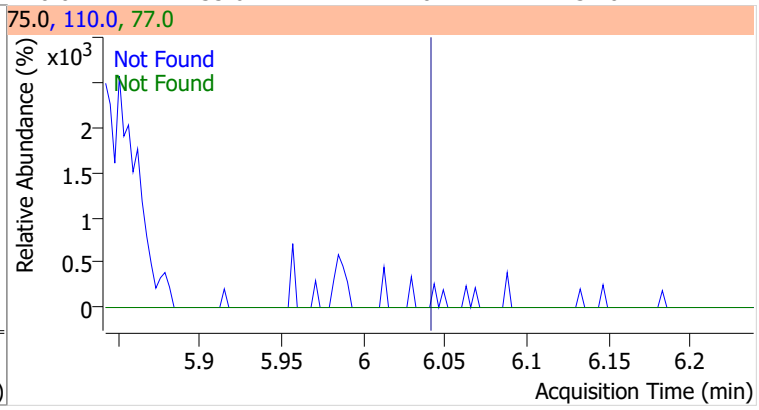
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



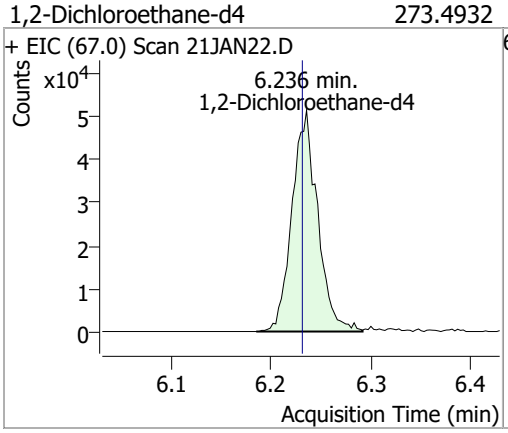


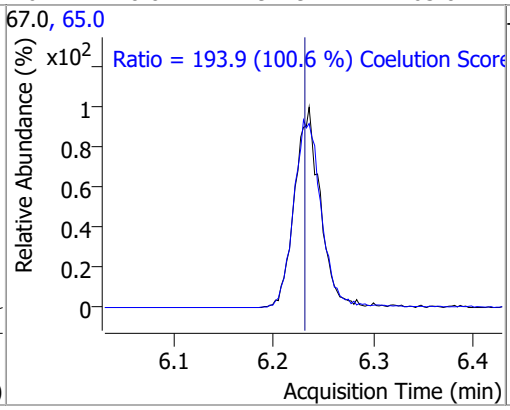
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

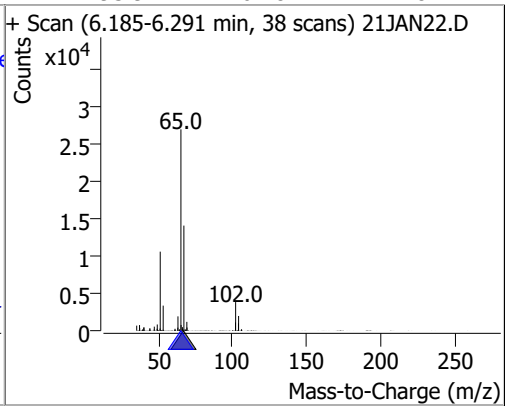




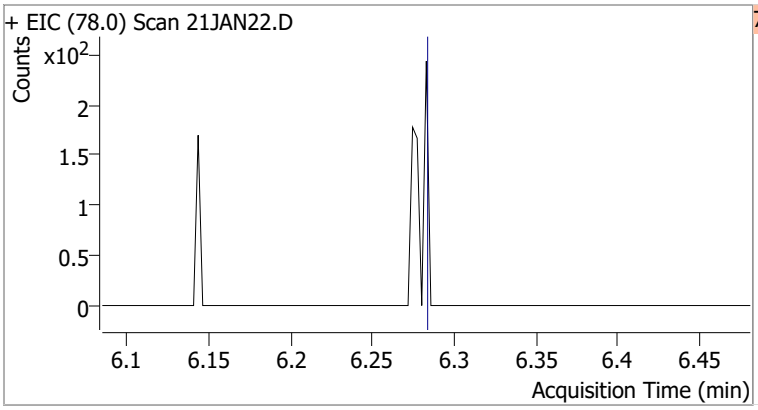
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	273.4932	6.24	0.01	91491	65.0	193.9	162.8	222.8

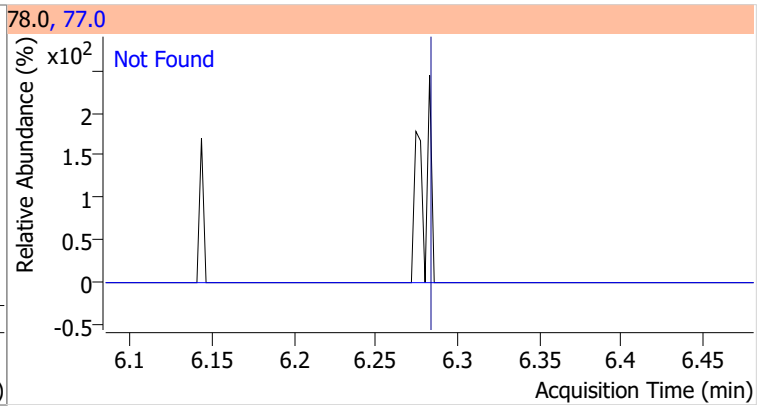




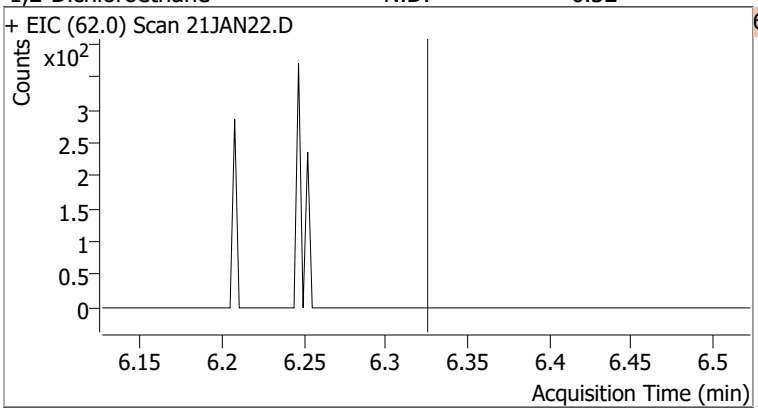


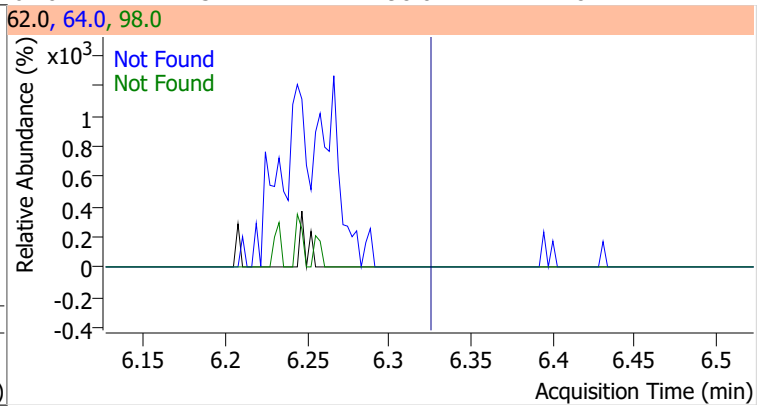
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



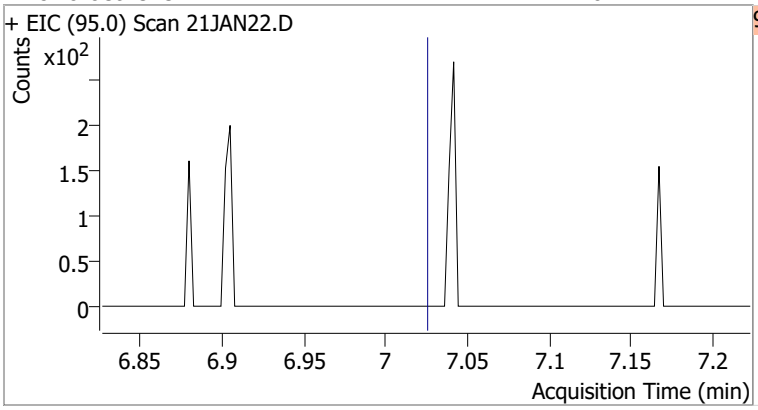


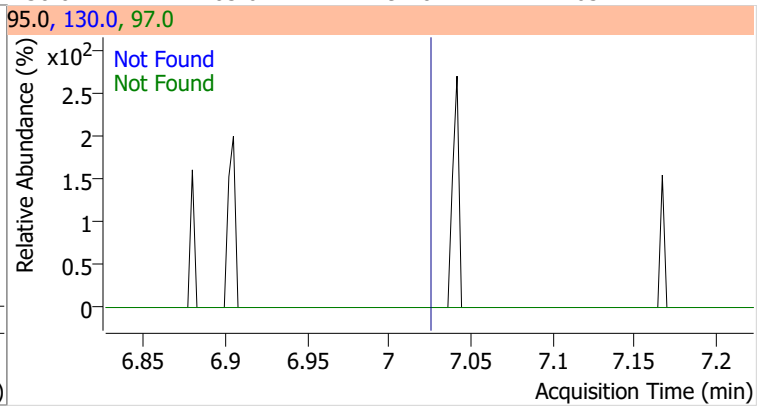
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



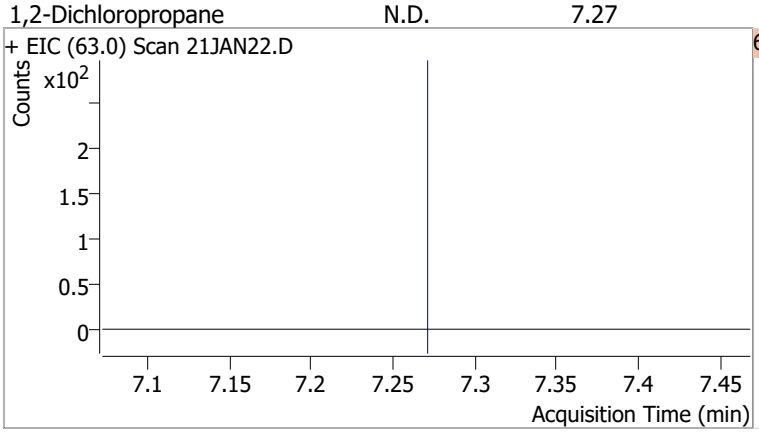


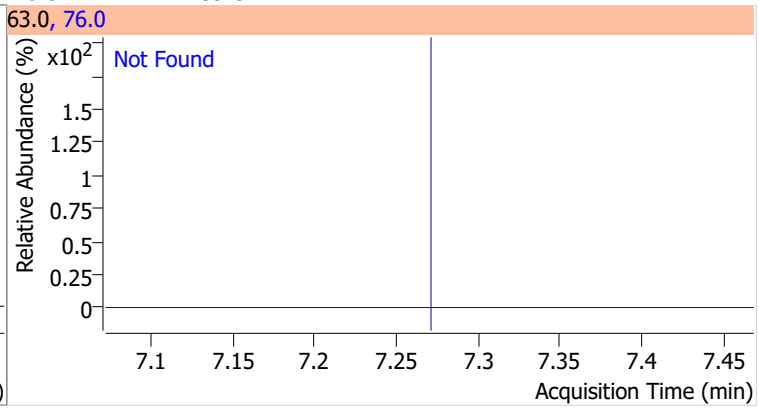
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



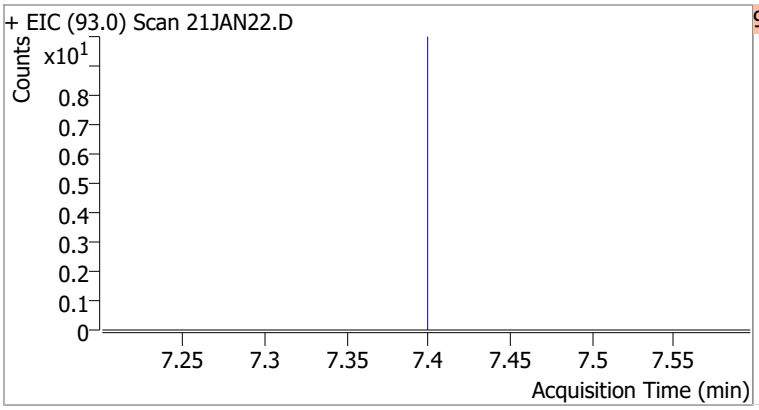


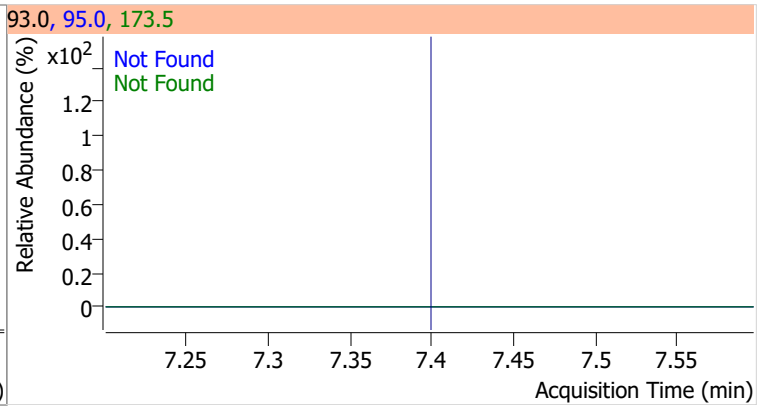
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



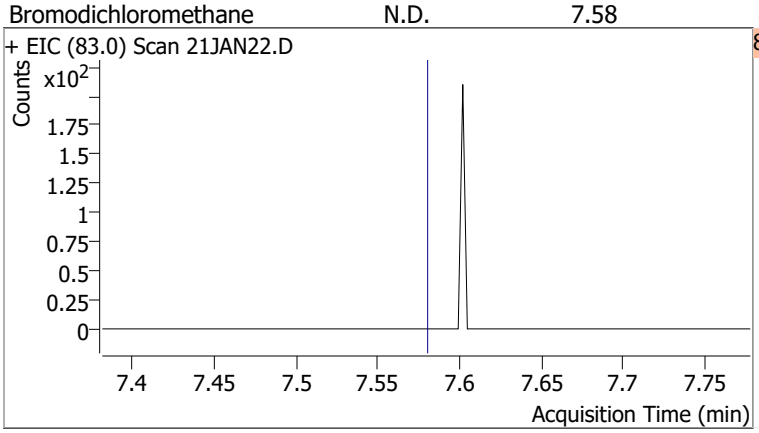


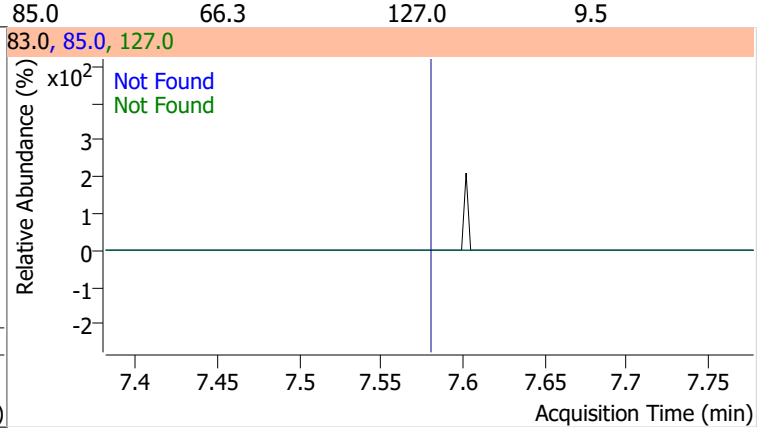
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



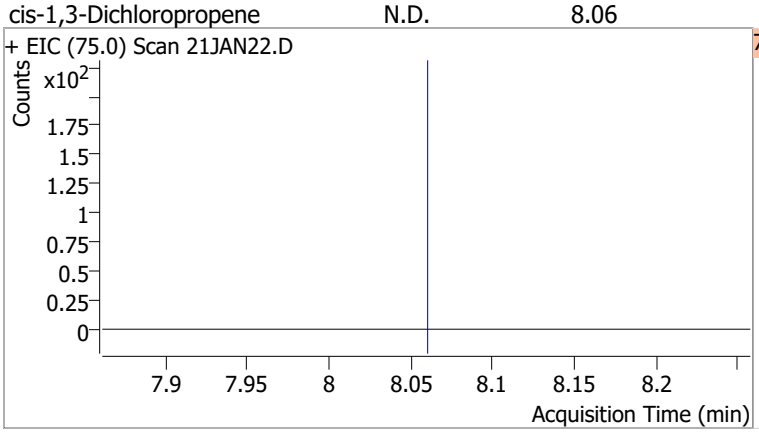


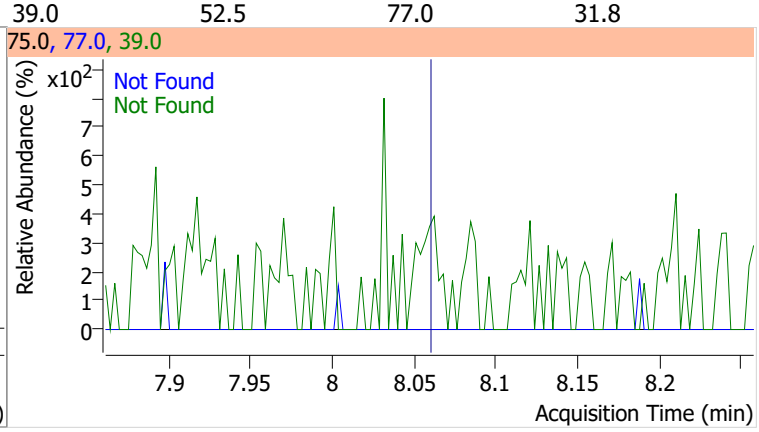
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



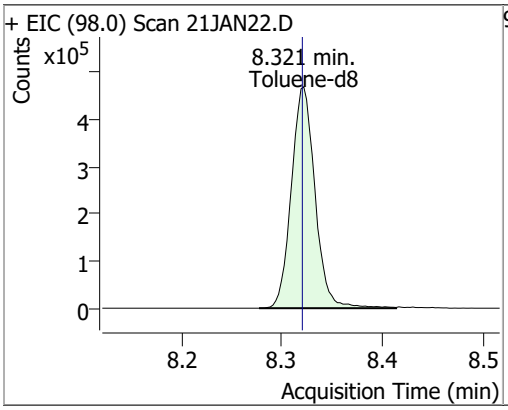


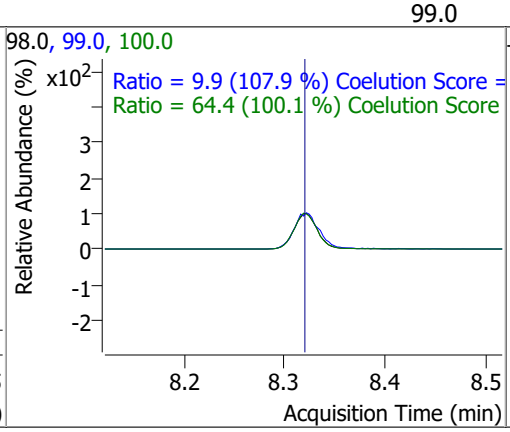
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

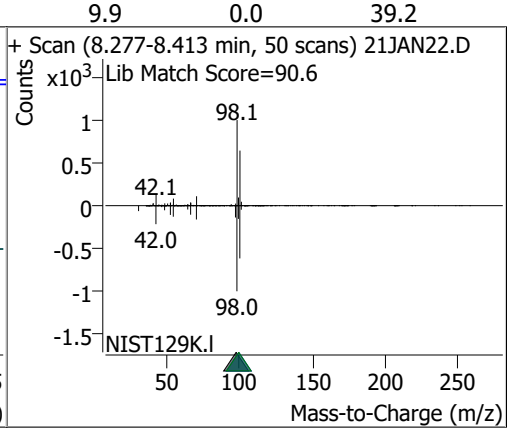




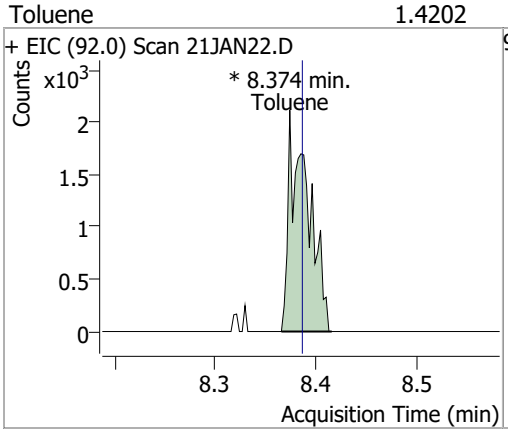
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	251.0857	8.32	0.00	769000	100.0	64.4	34.3	94.3
					99.0	9.9	0.0	39.2

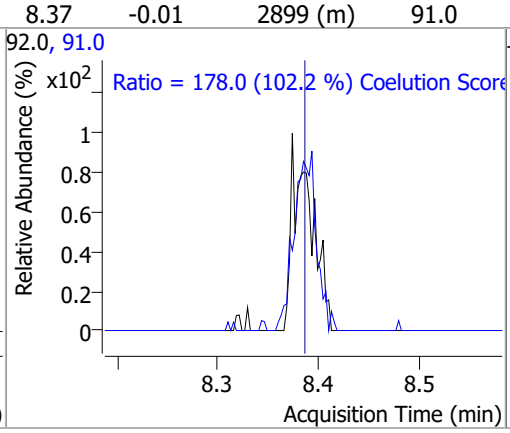


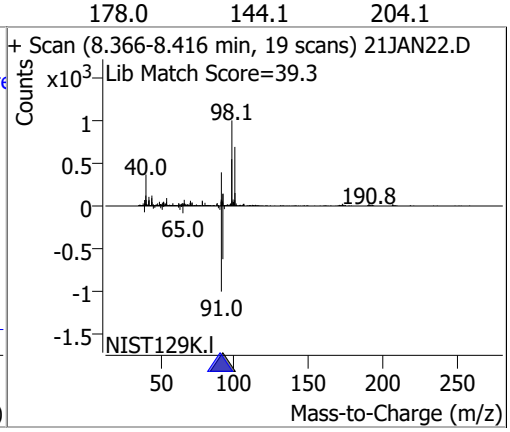




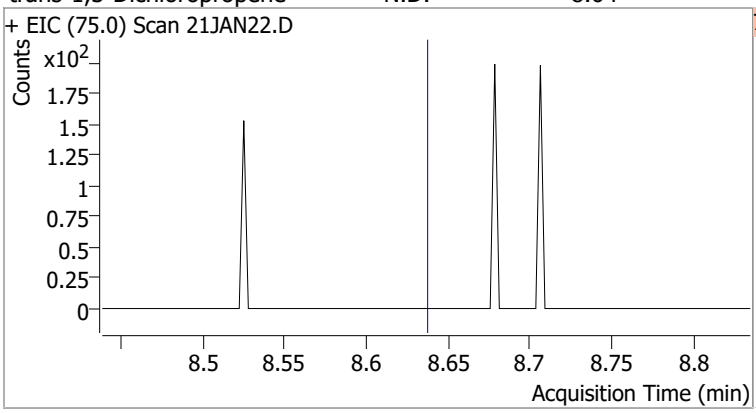
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.4202	8.37	-0.01	2899 (m)	91.0	178.0	144.1	204.1

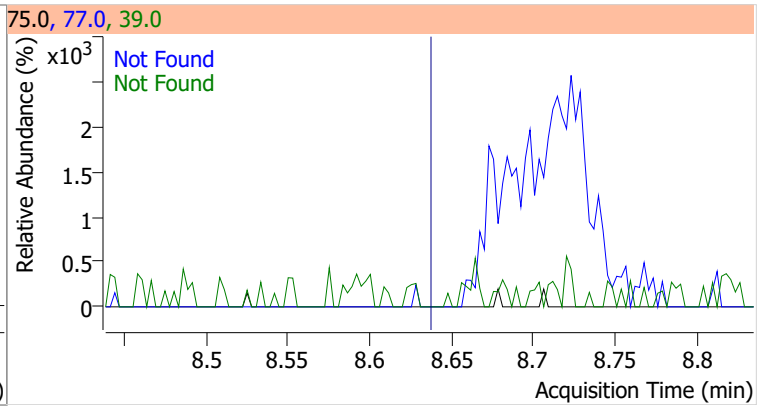




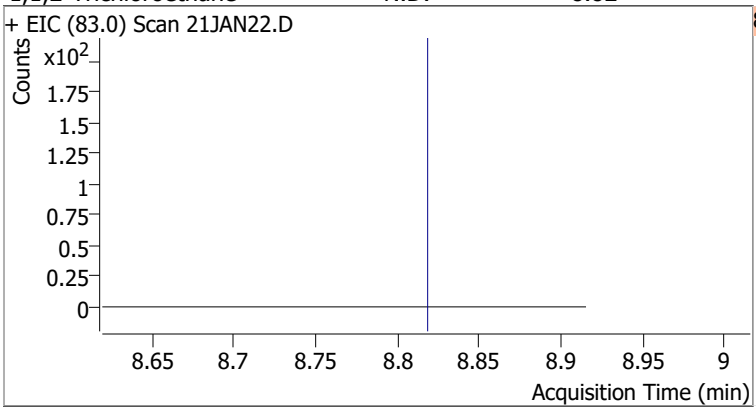


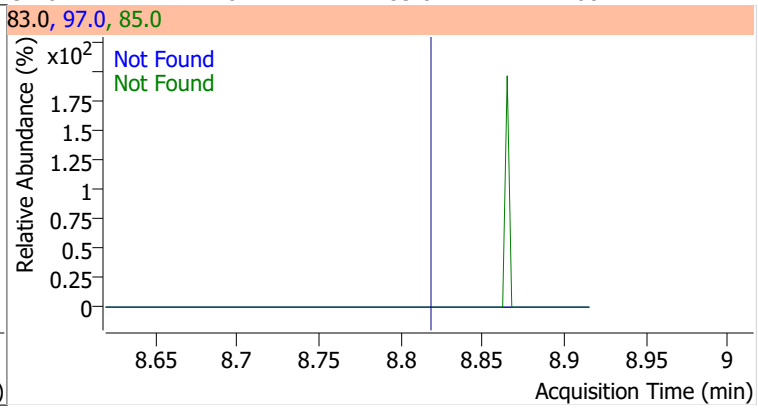
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



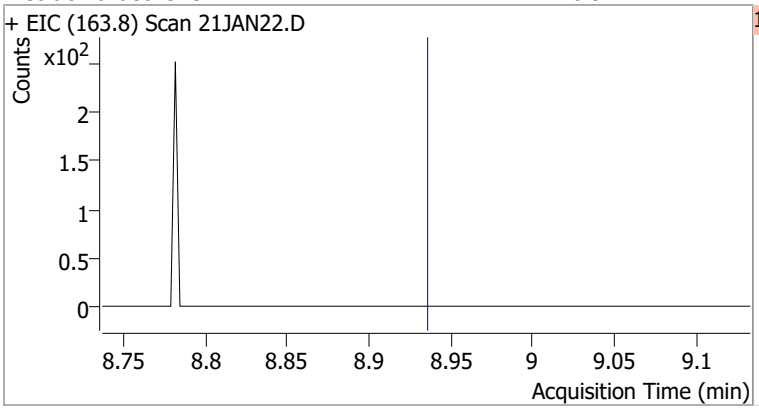


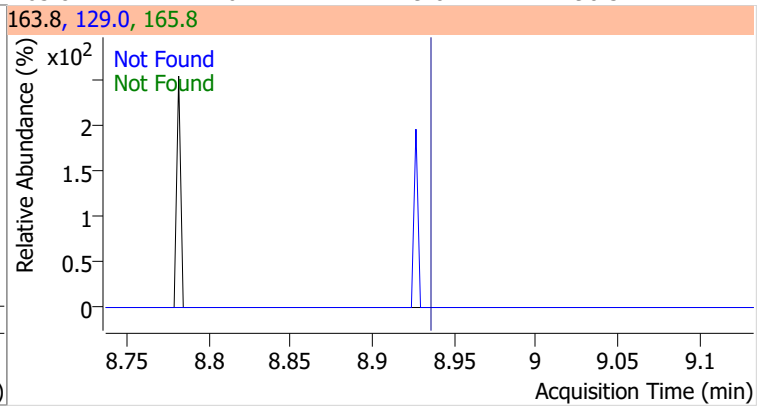
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



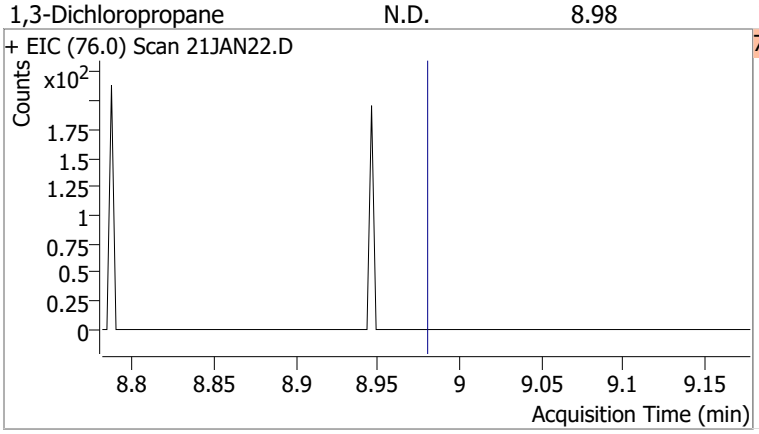


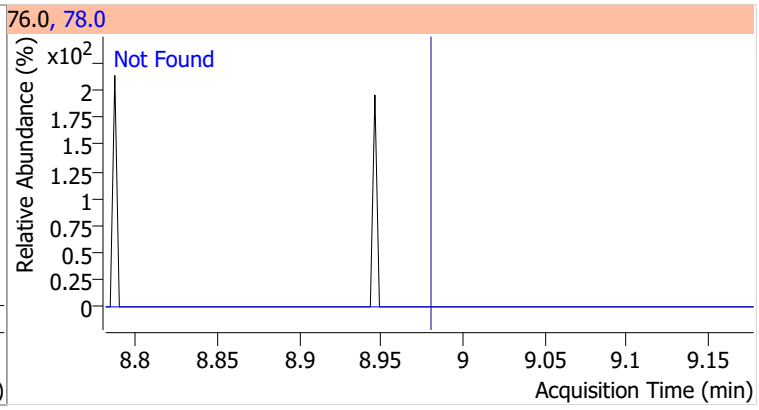
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



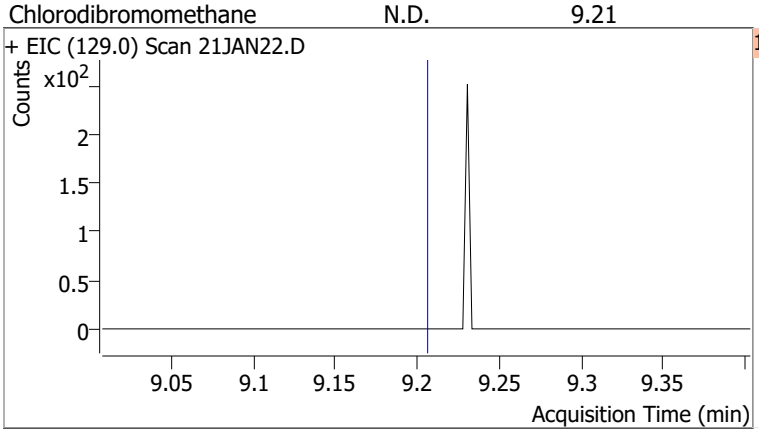


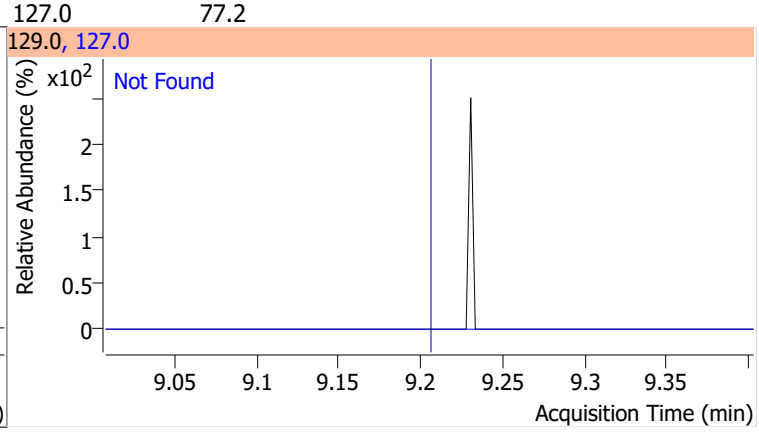
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



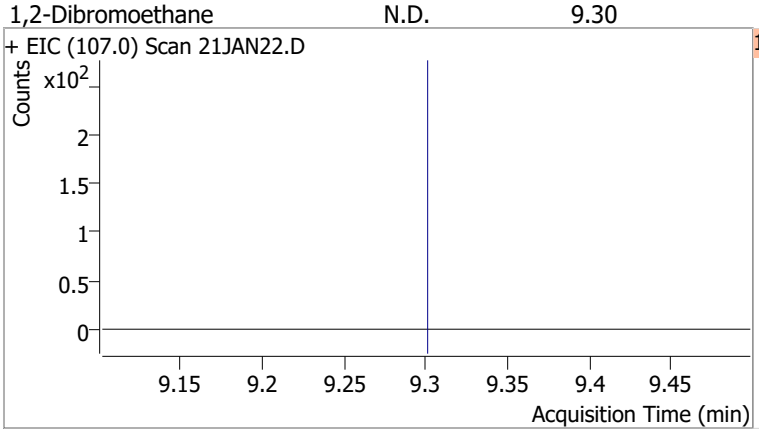


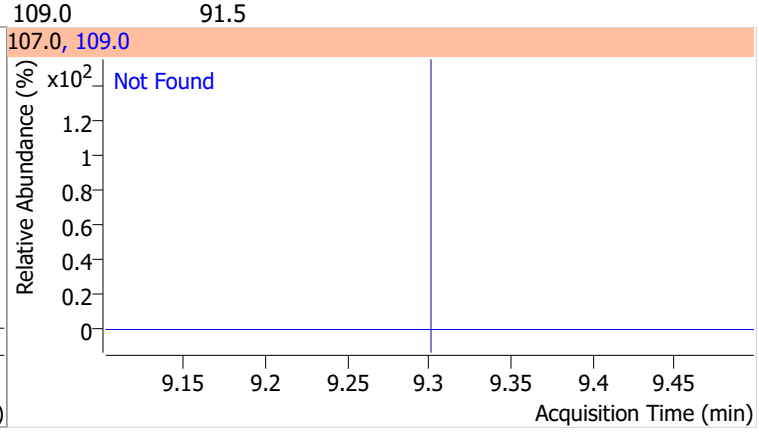
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



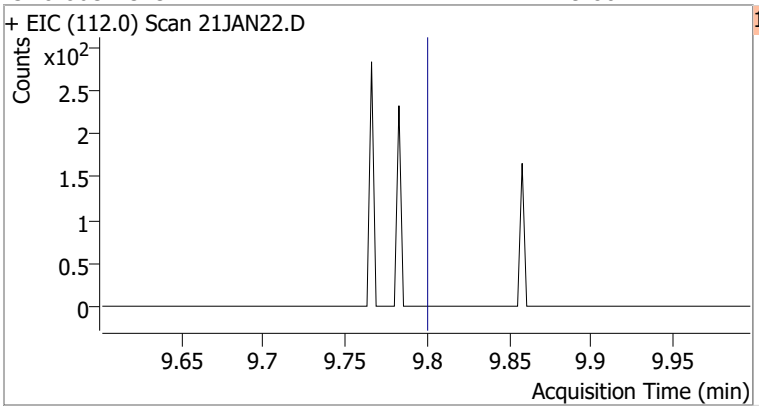


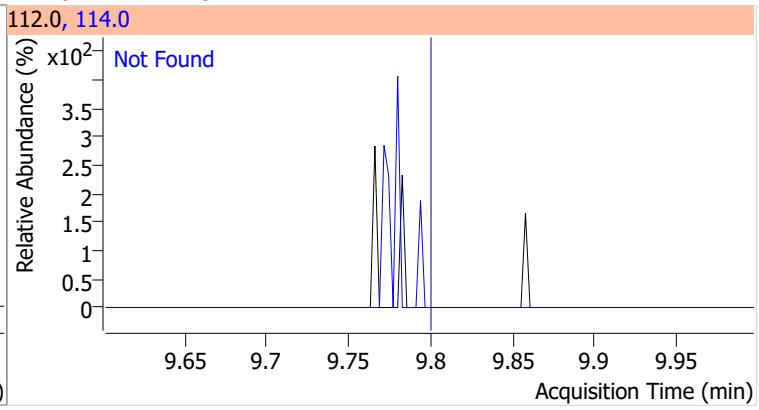
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



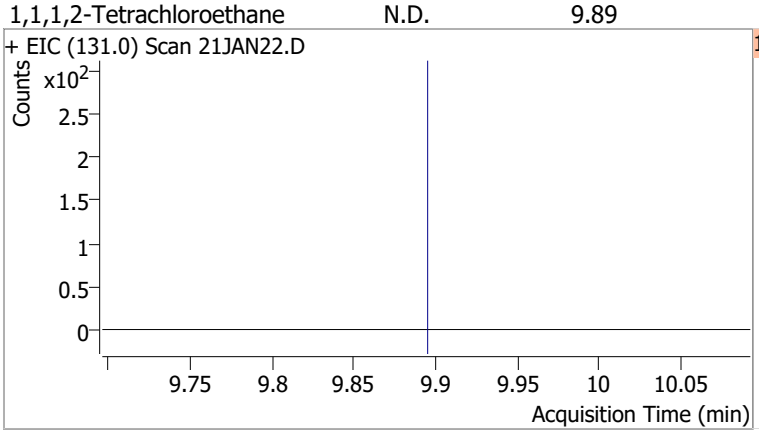


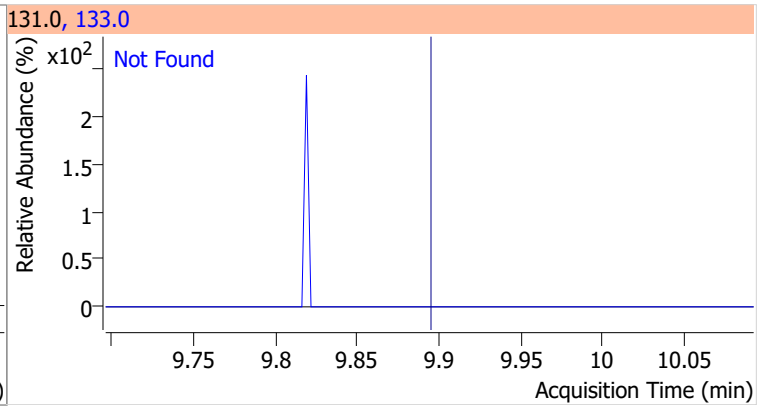
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



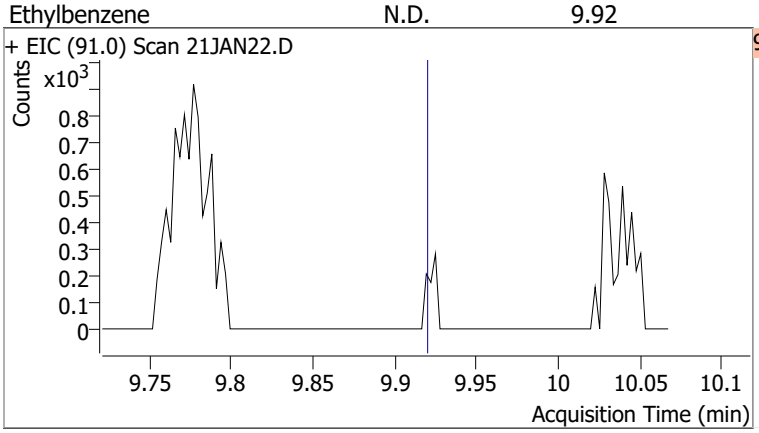


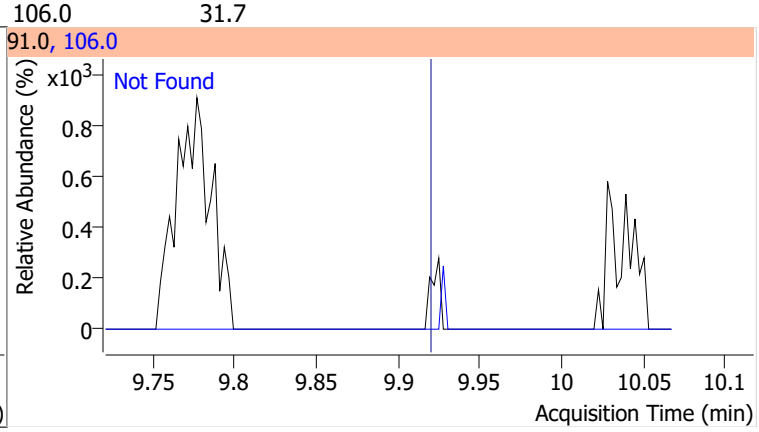
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



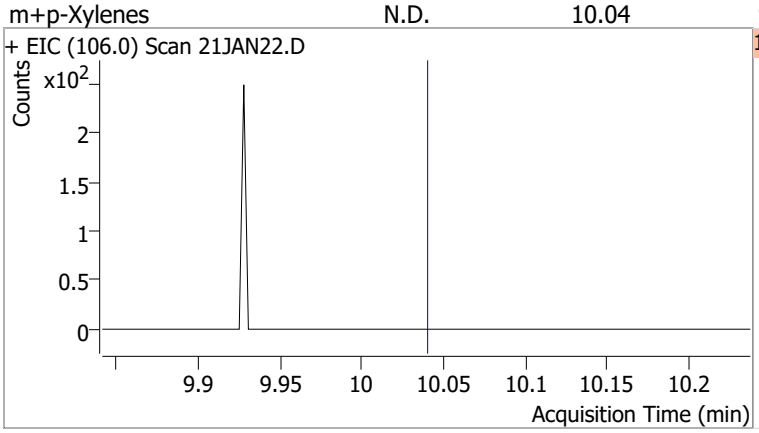


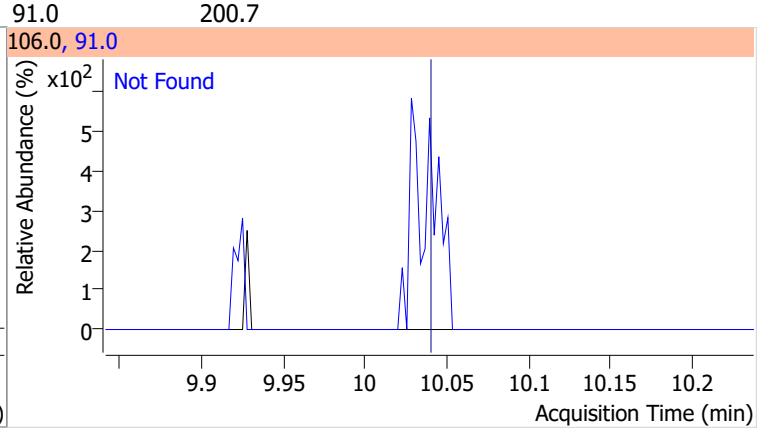
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



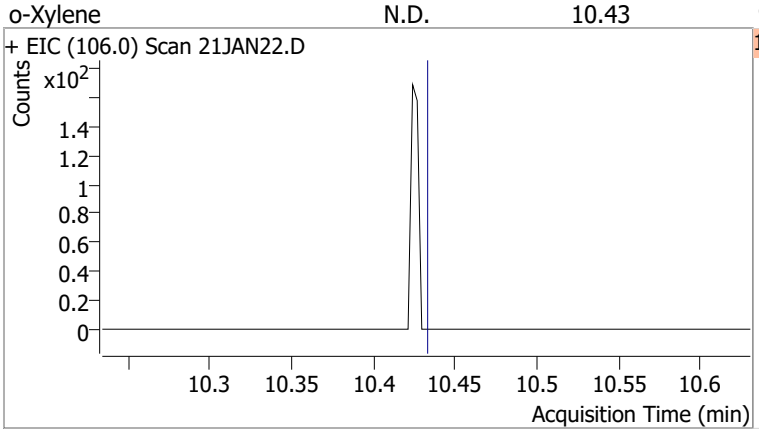


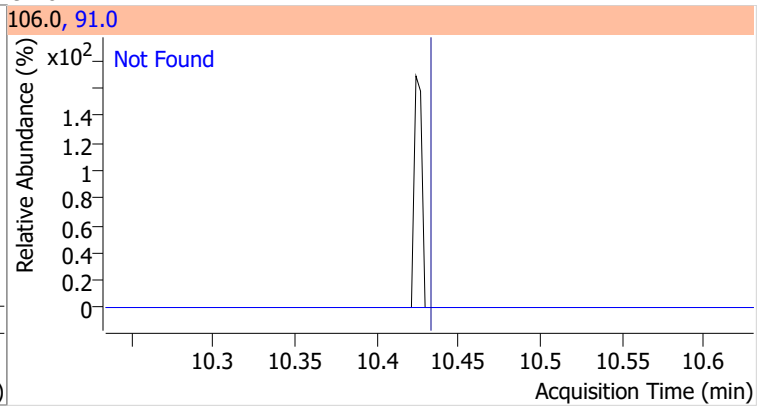
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



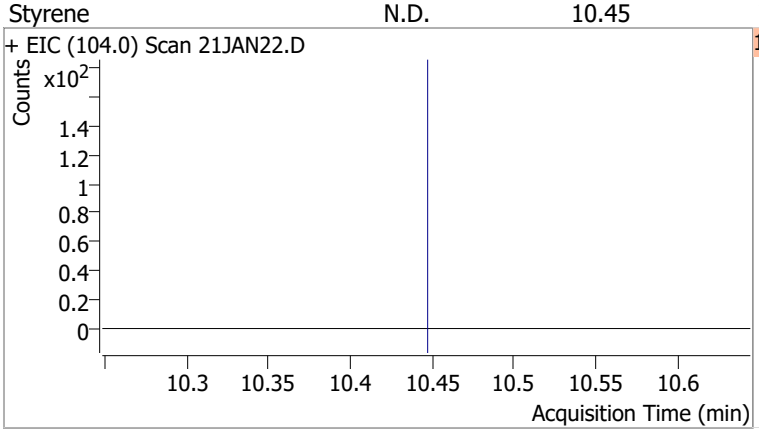


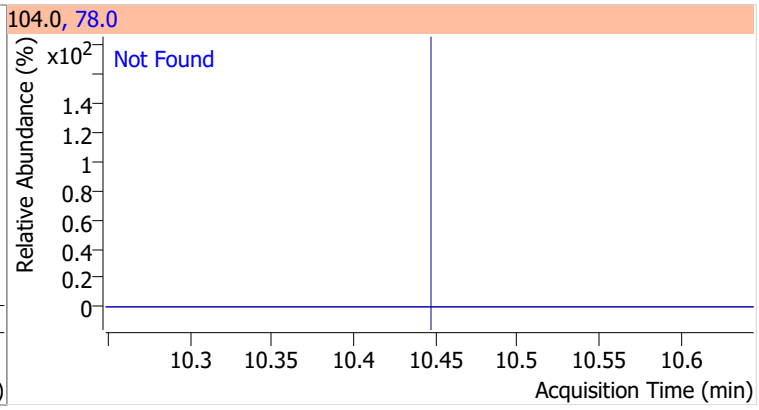
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



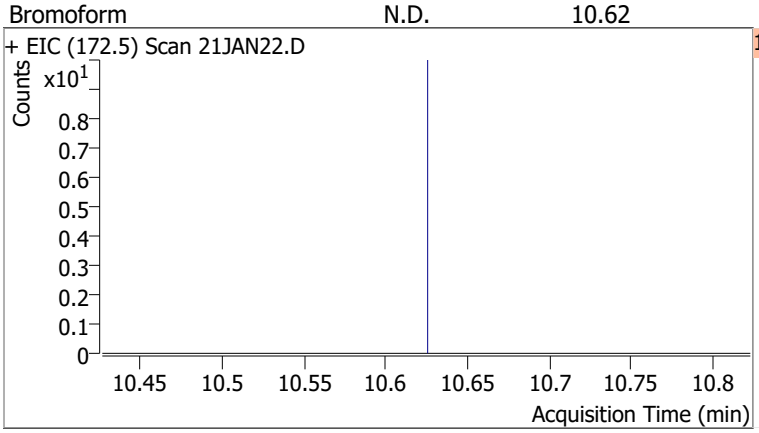


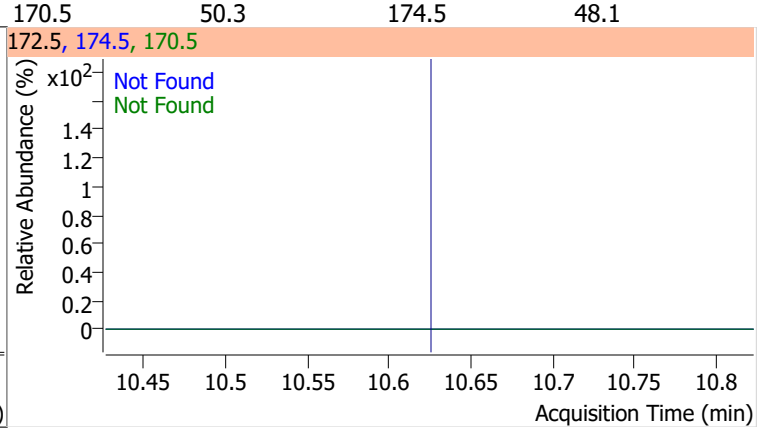
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



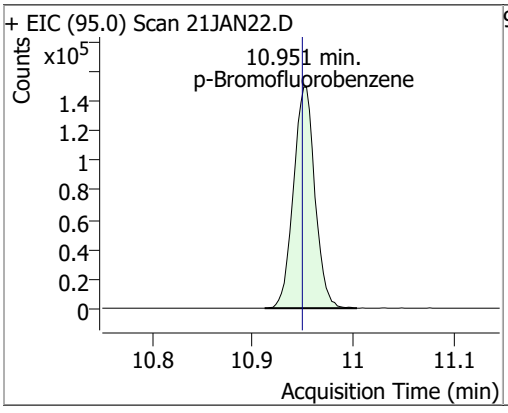


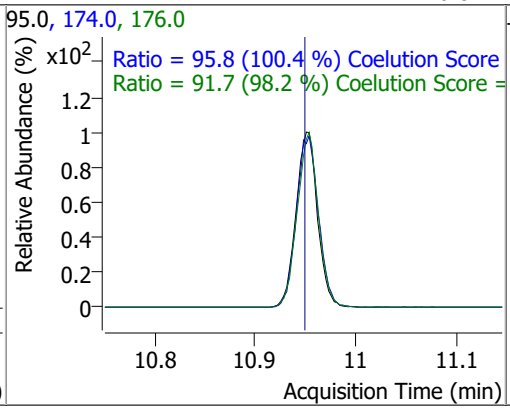
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

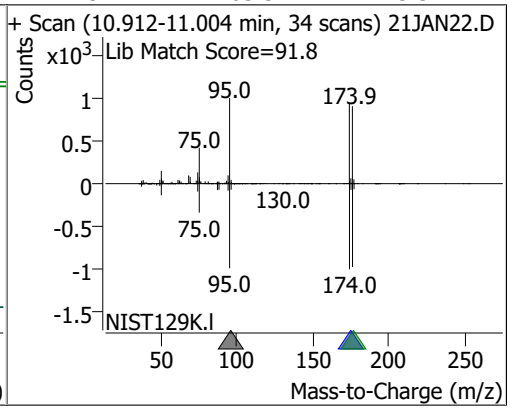




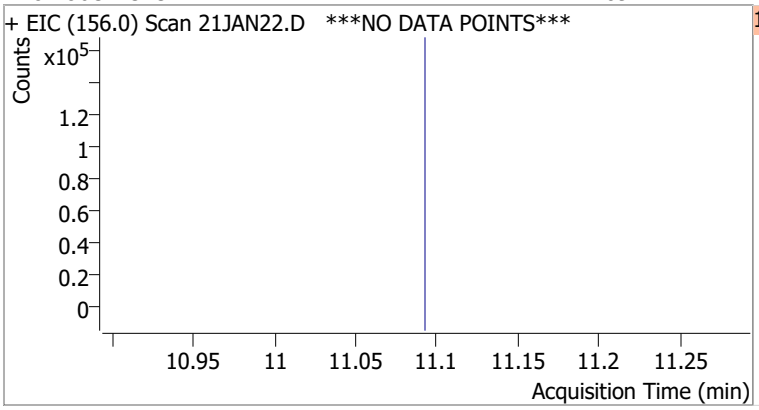
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	254.3823	10.95	0.00	222592	174.0	95.8	65.3	125.3
					176.0	91.7	63.3	123.3

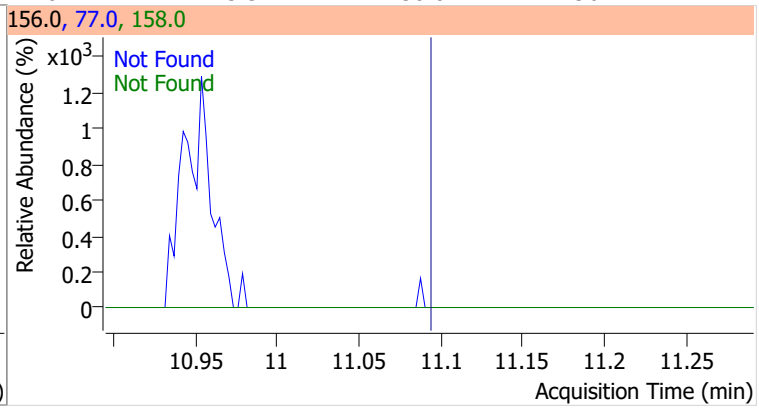




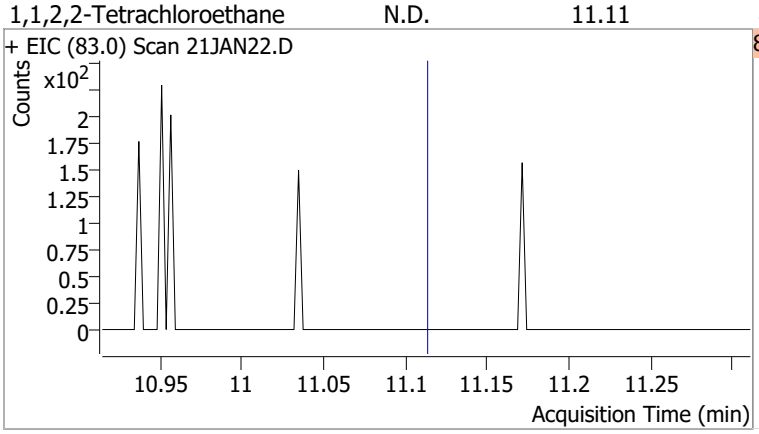


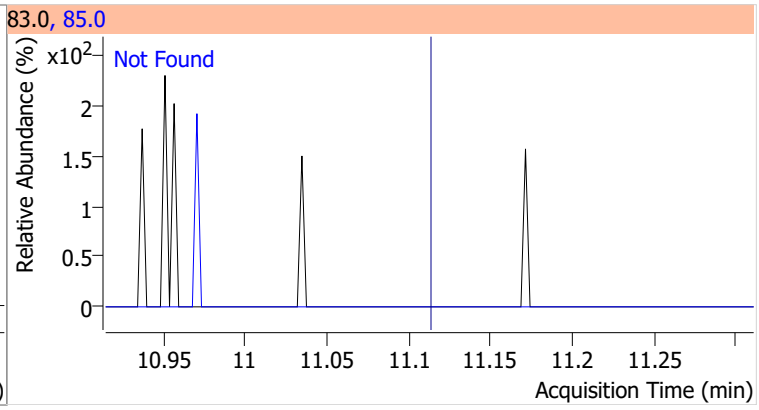
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



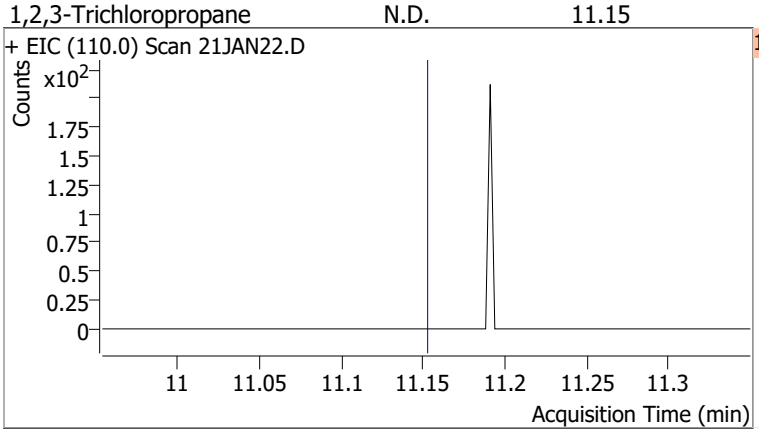


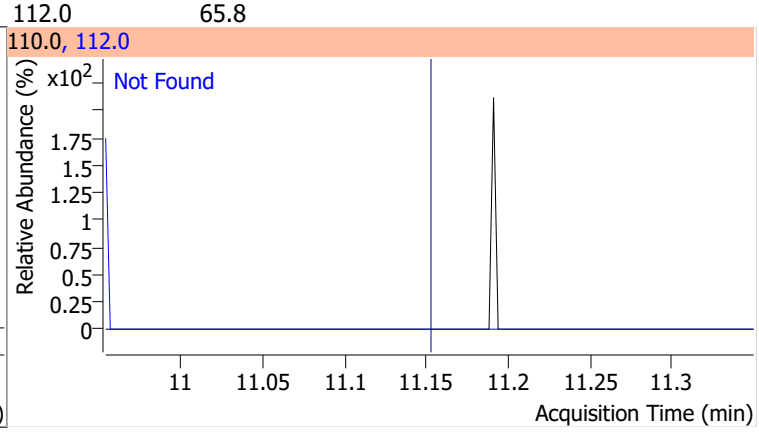
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



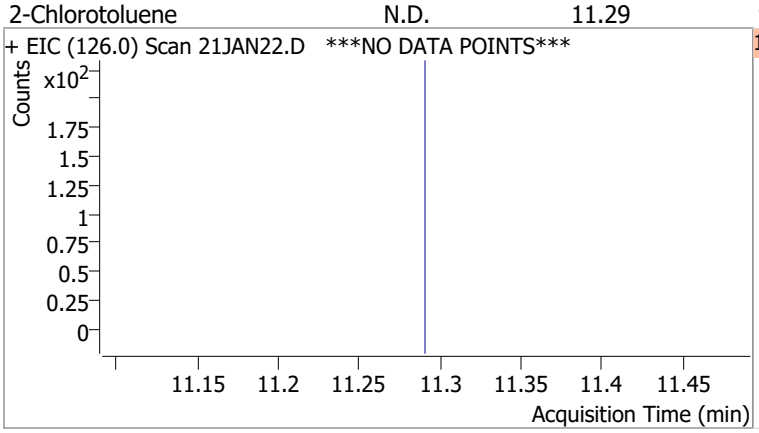


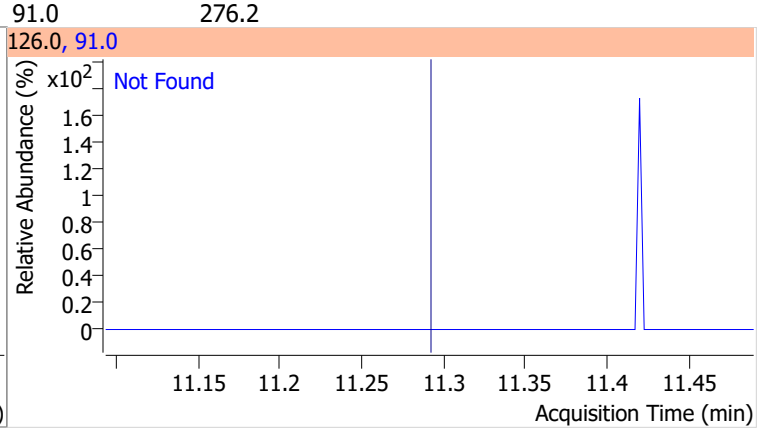
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



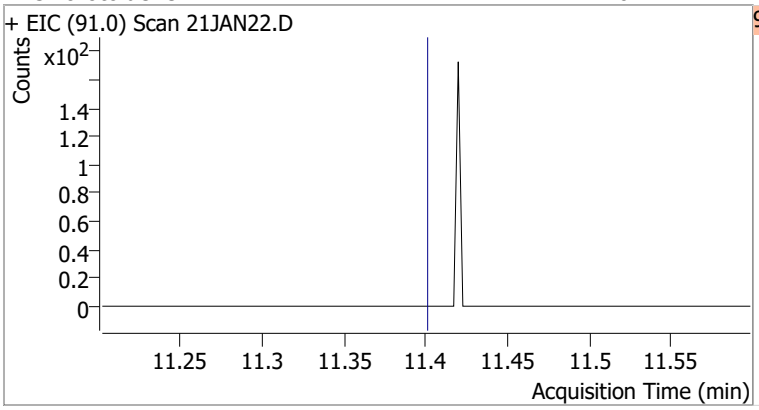


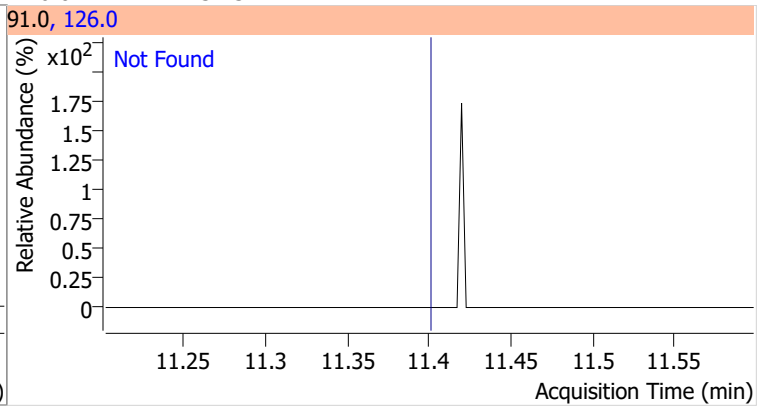
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



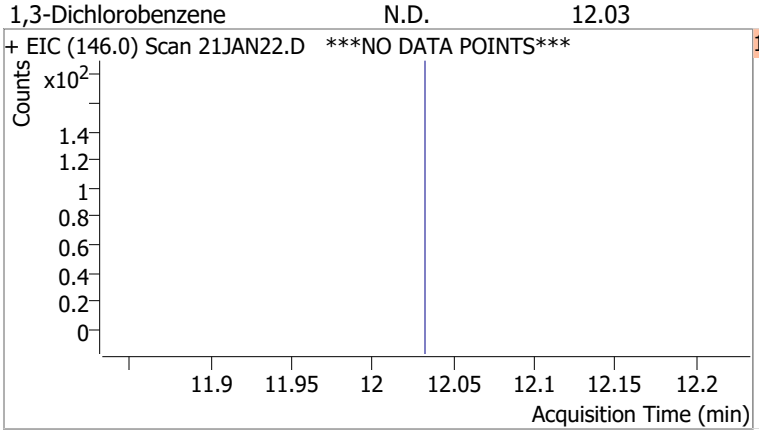


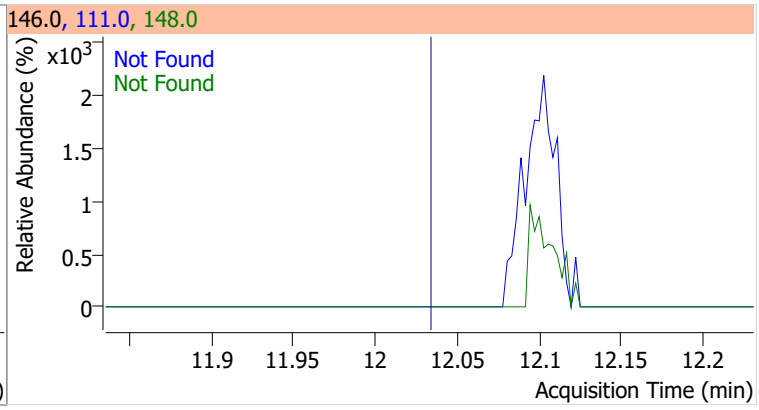
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



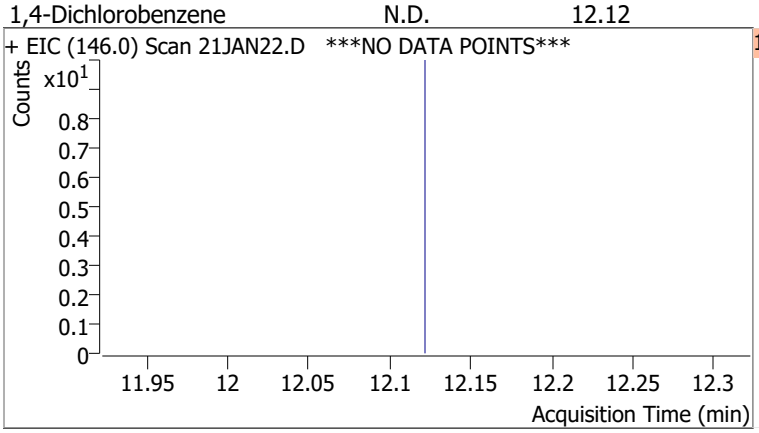


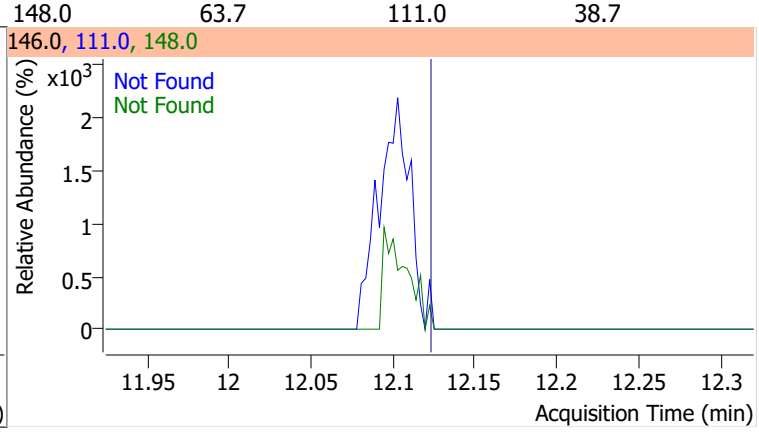
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



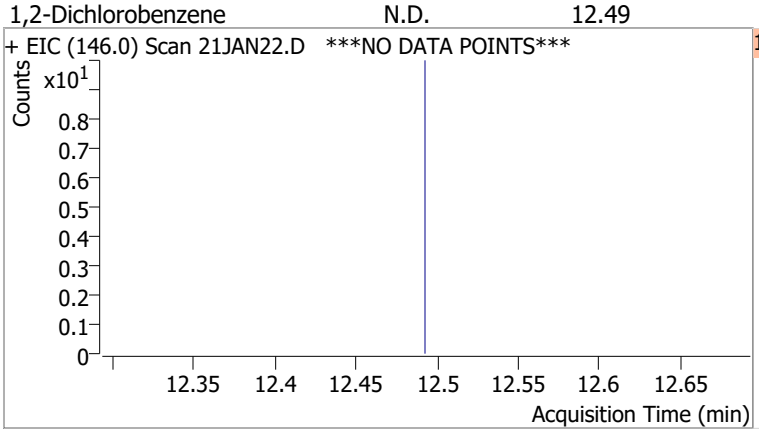


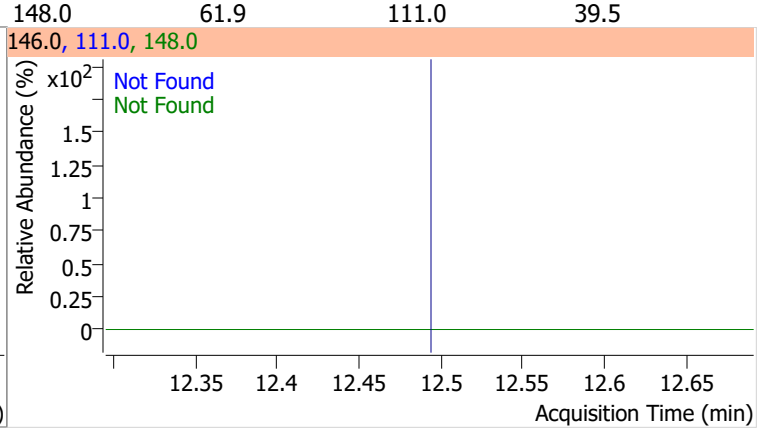
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





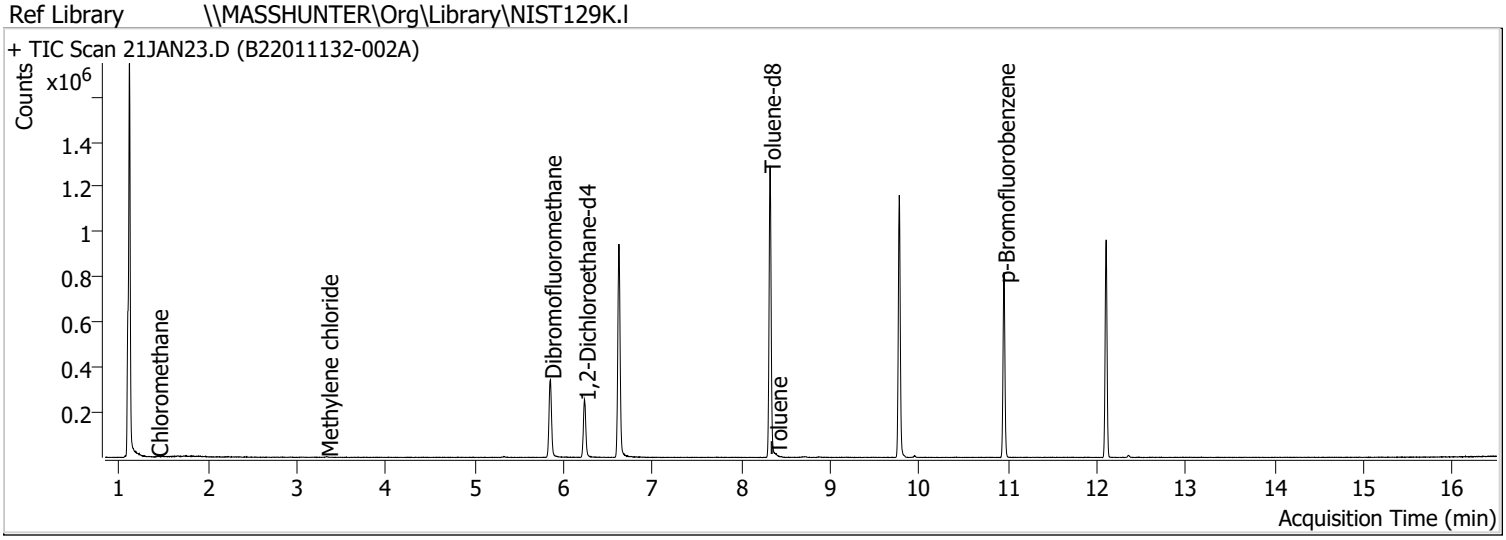
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN23.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 7:48:15 PM
Sample Name	B22011132-002A	Instrument	VOA5975C
Vial	23	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

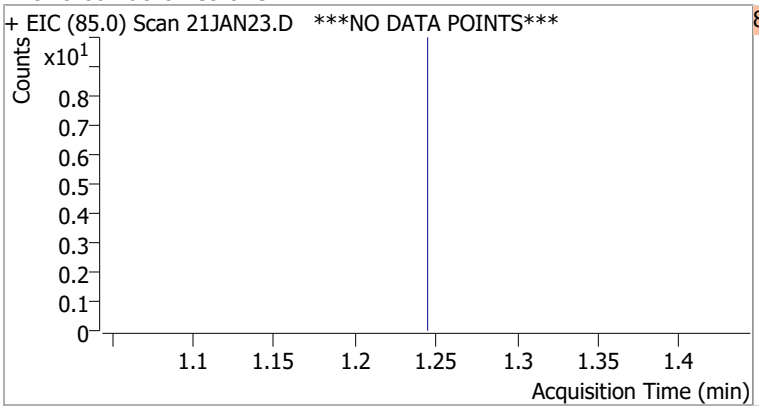


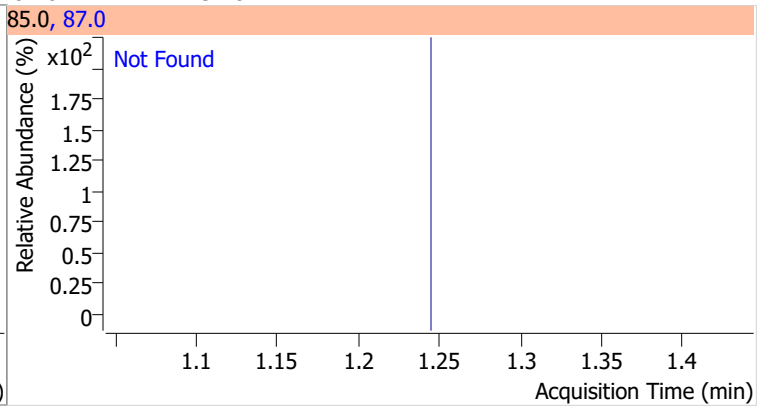
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	795718	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	308412	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	236643	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.851	113.0	204493	265.3278	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.13%			
S 1,2-Dichloroethane-d4	6.236	67.0	91099	273.6281	ng		0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 109.45%			
S Toluene-d8	8.319	98.0	790746	262.8062	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.12%			
S p-Bromofluorobenzene	10.951	95.0	229071	262.1727	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.87%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.425	50.0	367	0.2912	ng	m	96
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.338	49.0	1960	1.6848	ng	m	85
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	2414	1.2036	ng	87
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	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.		

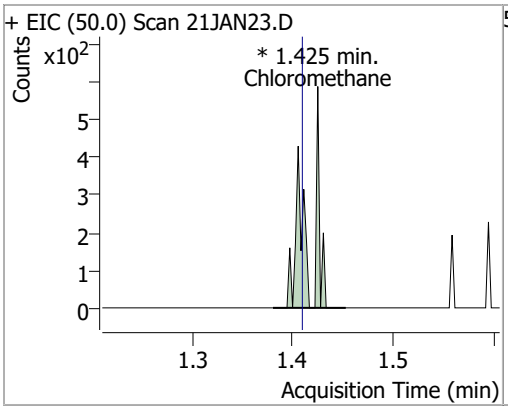
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

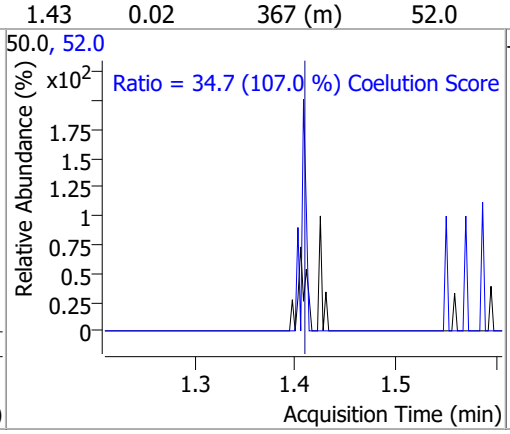
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	31.8

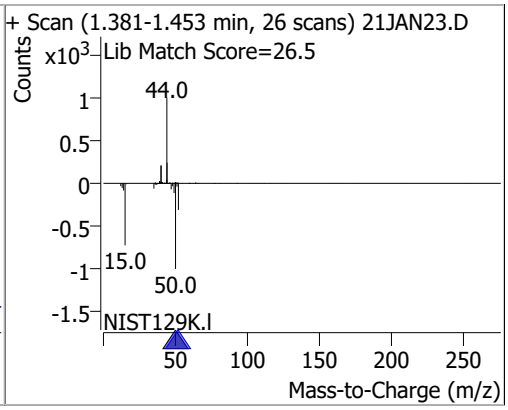




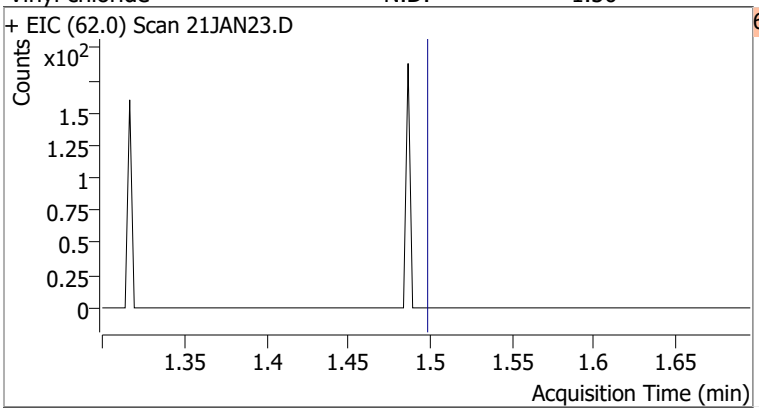
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.2912	1.43	0.02	367 (m)	52.0	34.7	2.4	62.4

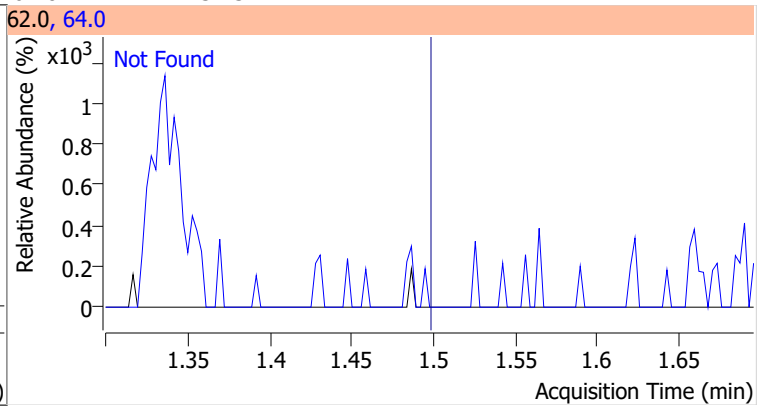




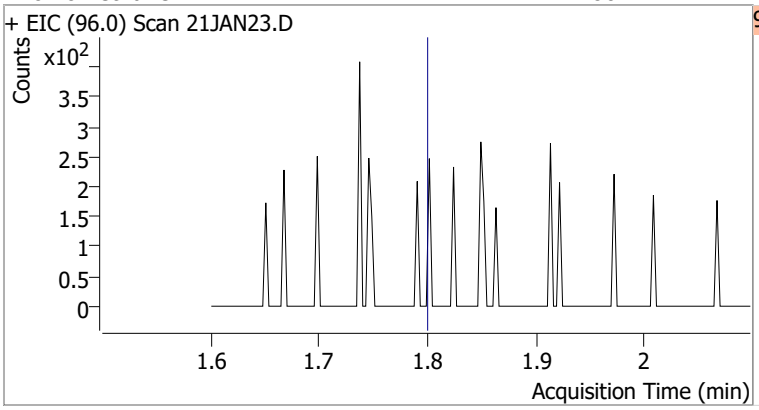


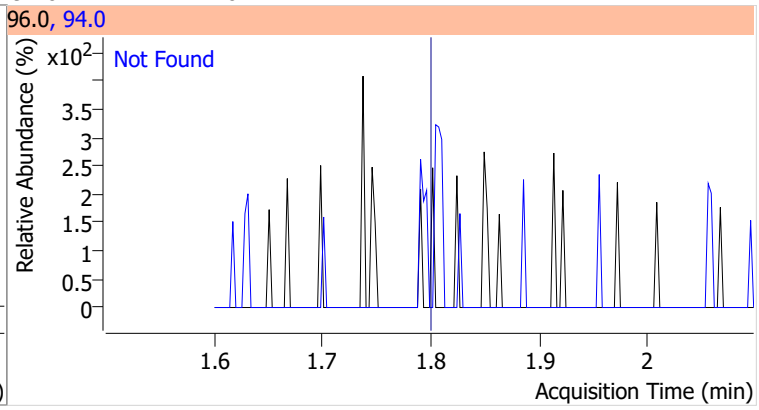
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.3



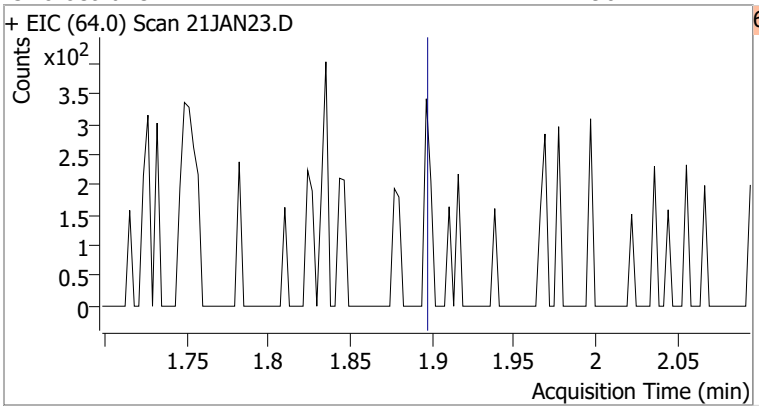


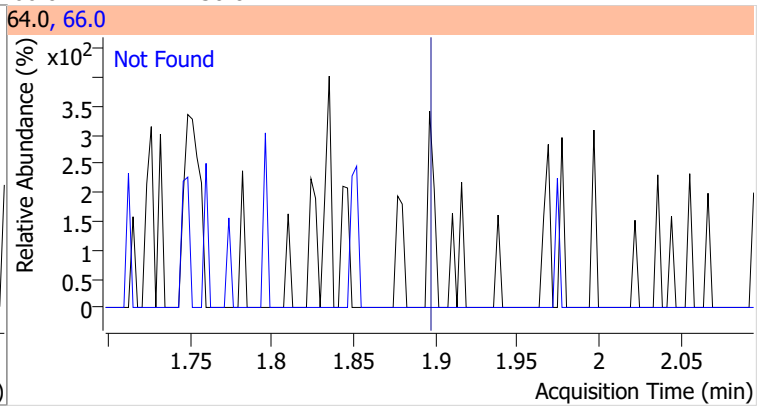
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	110.1



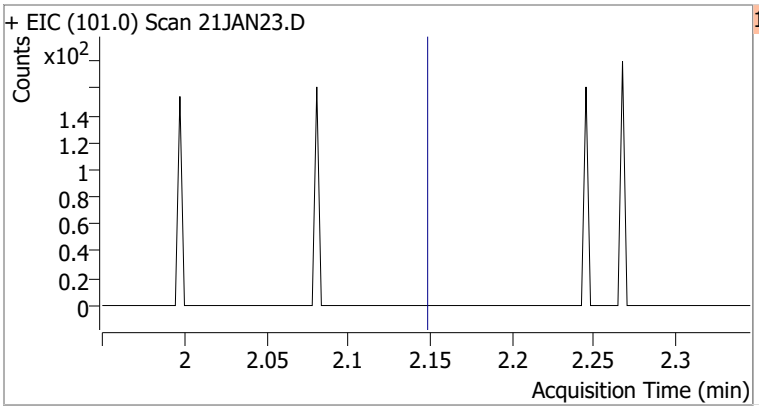


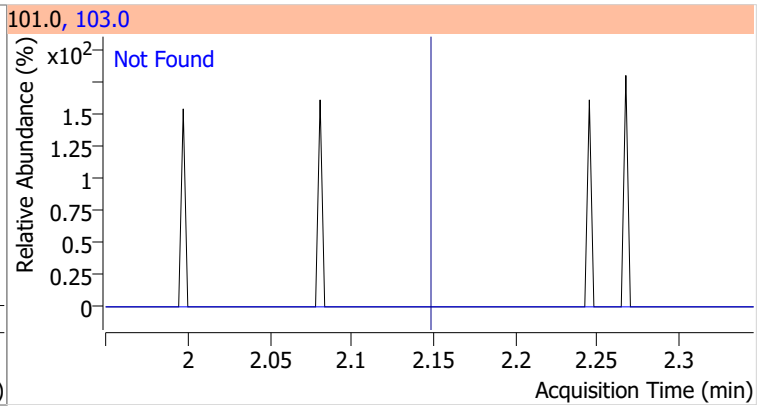
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.0



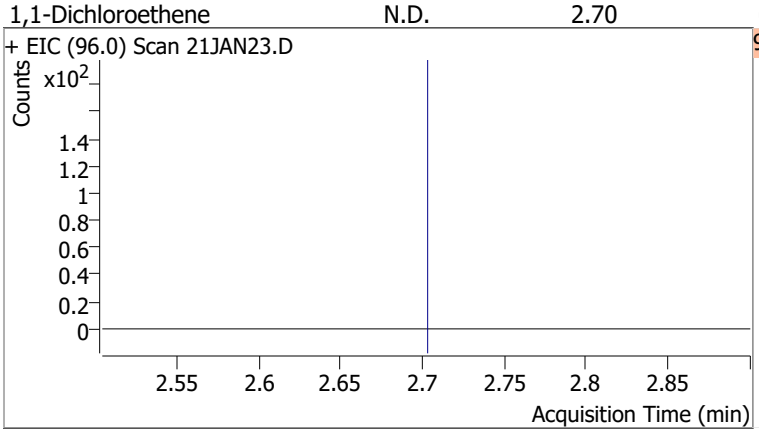


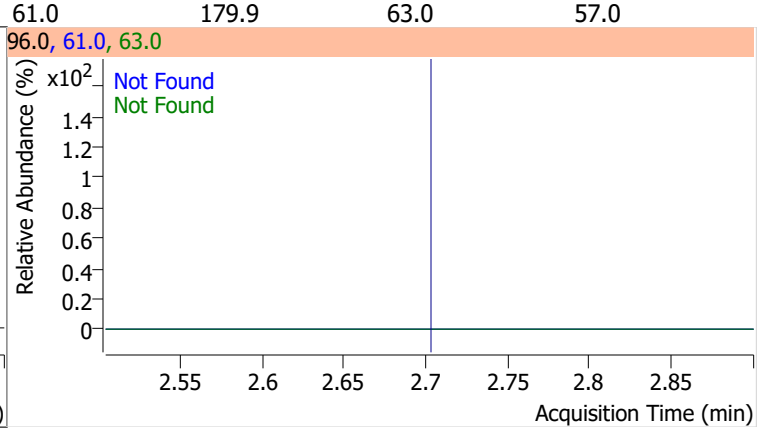
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.15	103.0	65.0



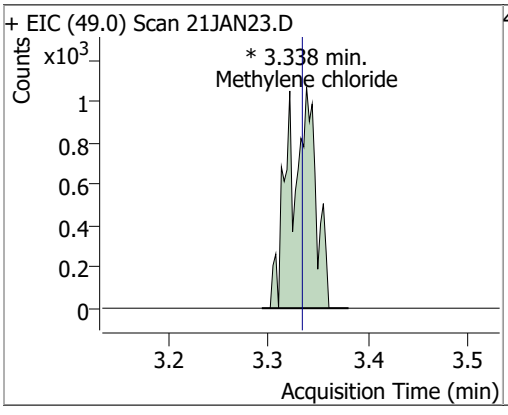


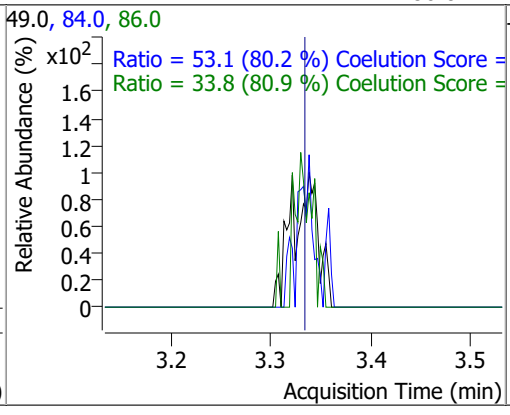
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	179.9	63.0	57.0

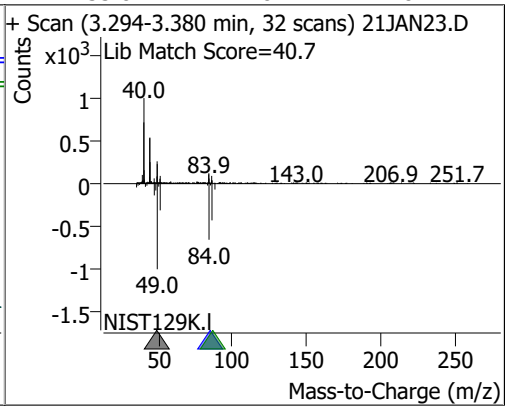




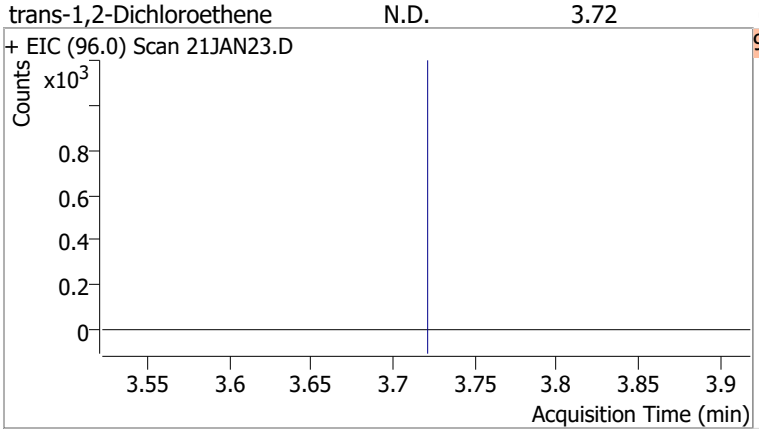
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.6848	3.34	0.01	1960 (m)	84.0	53.1	36.1	96.1
					86.0	33.8	11.8	71.8

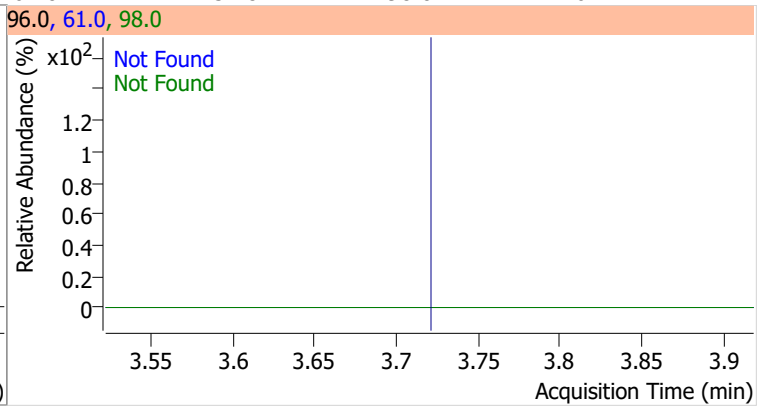




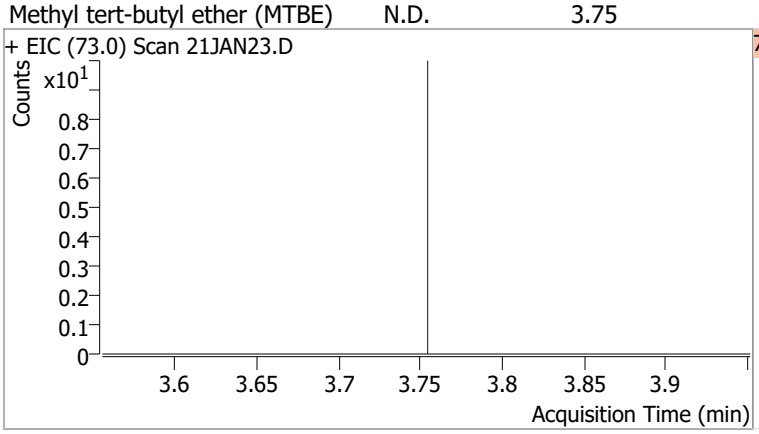


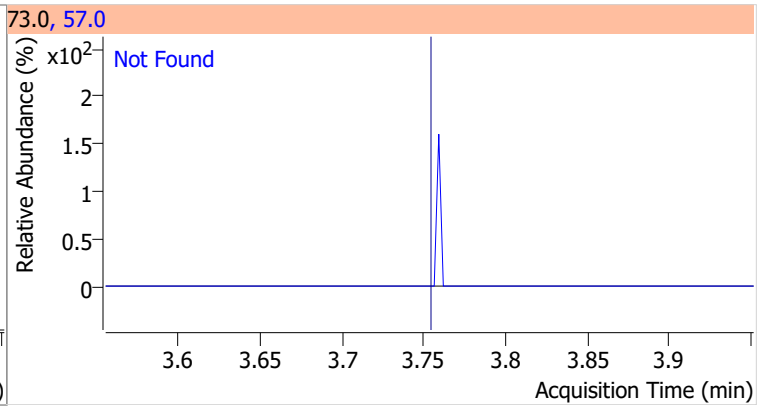
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	154.8	98.0	62.1



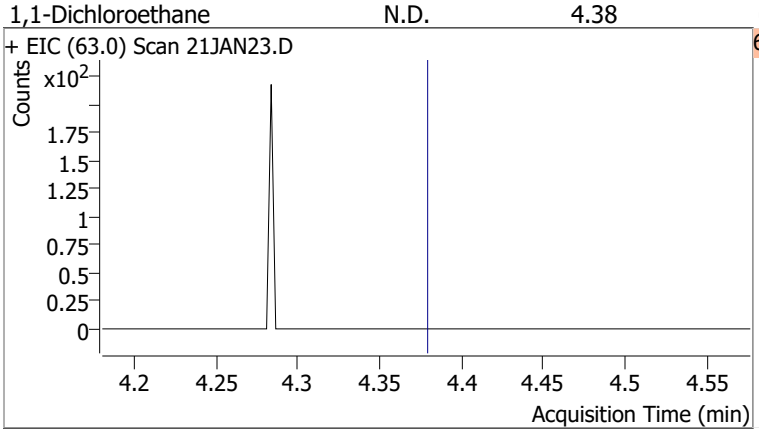


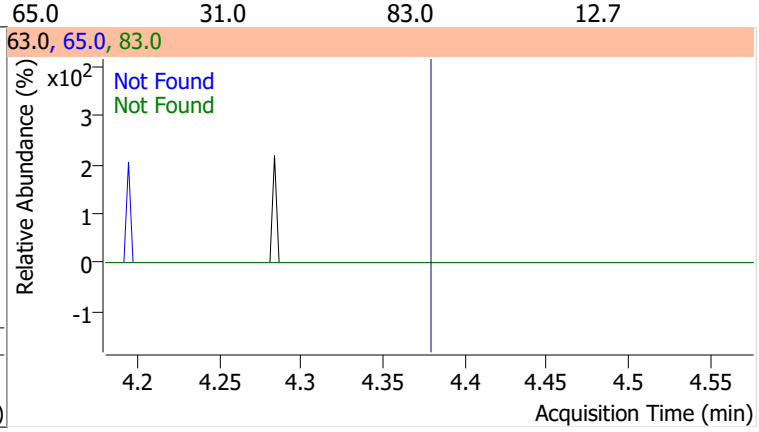
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	24.6



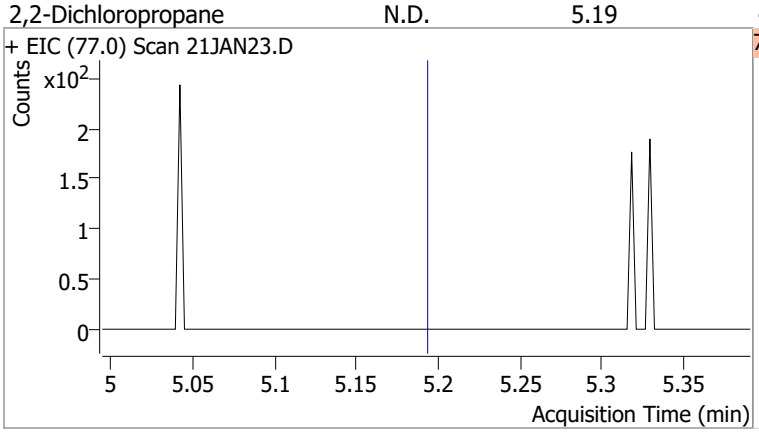


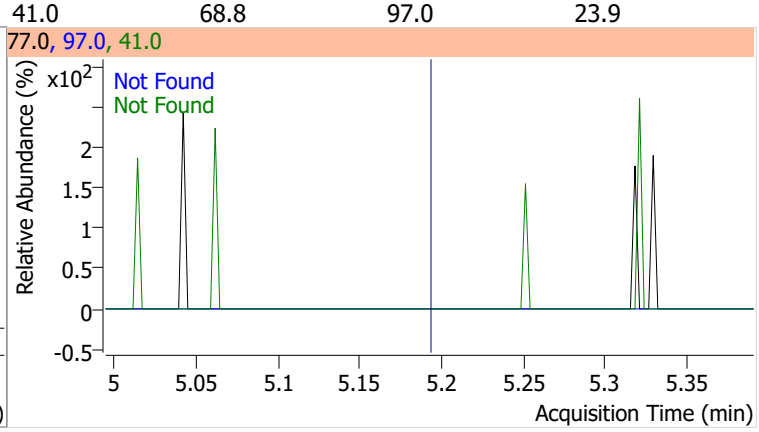
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.0	83.0	12.7



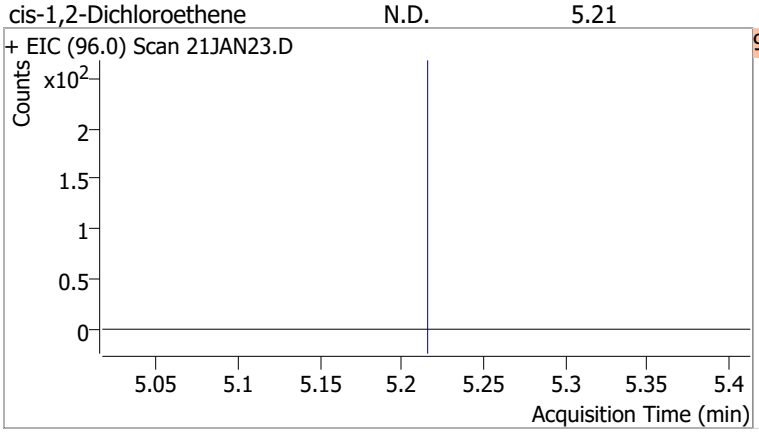


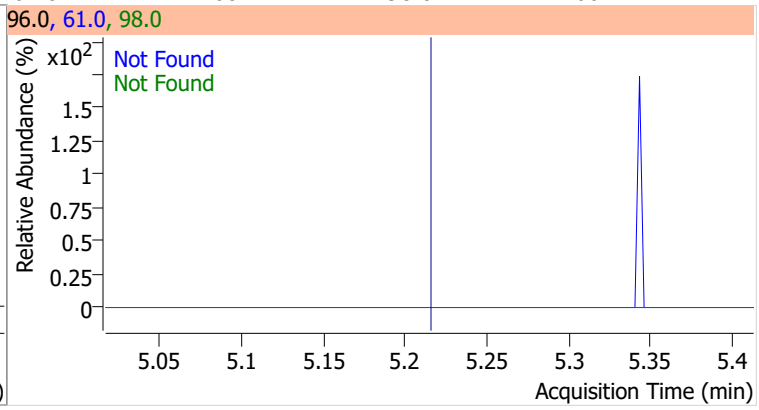
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.8	97.0	23.9



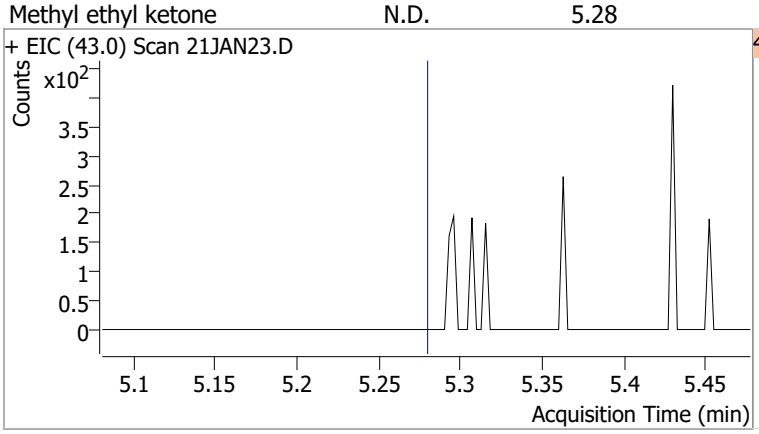


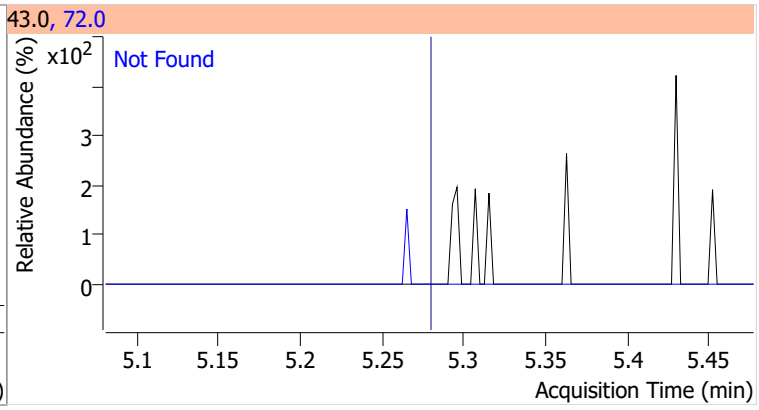
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	160.4	98.0	66.2



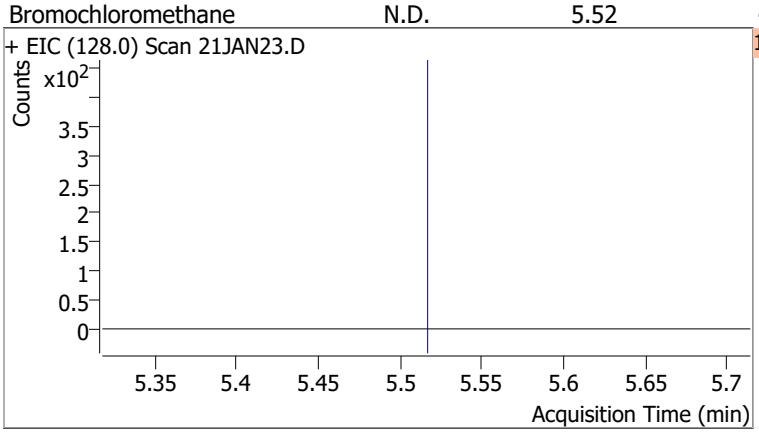


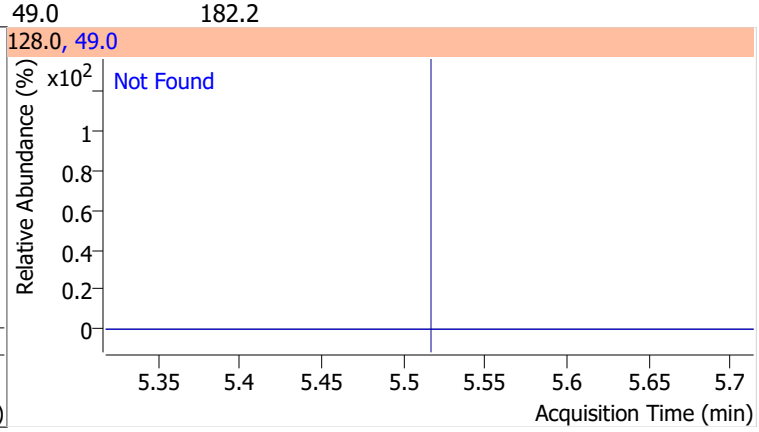
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.6



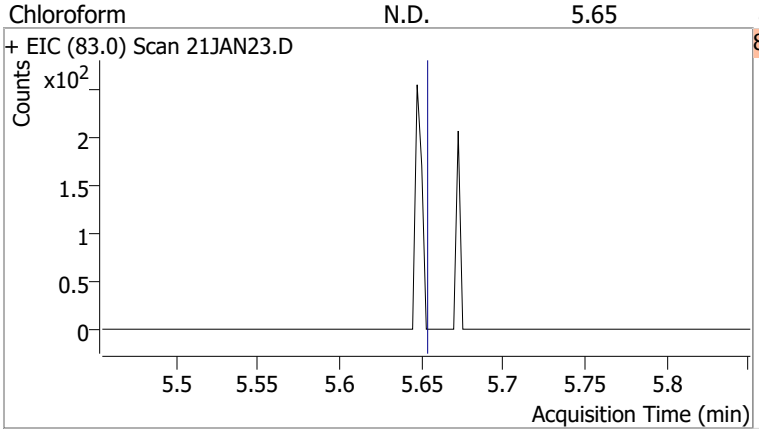


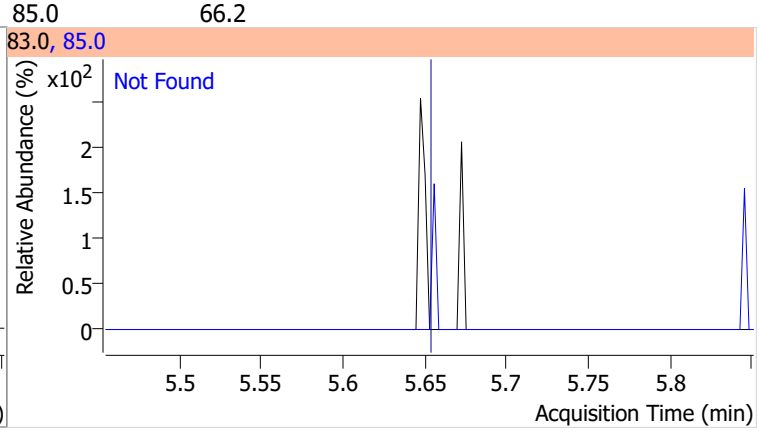
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	182.2



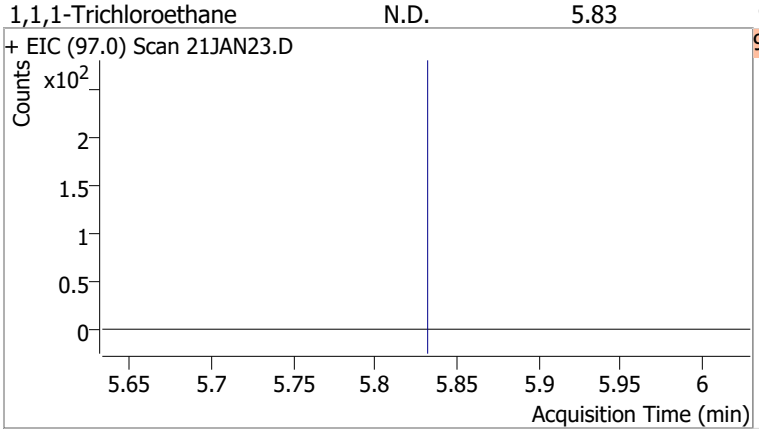


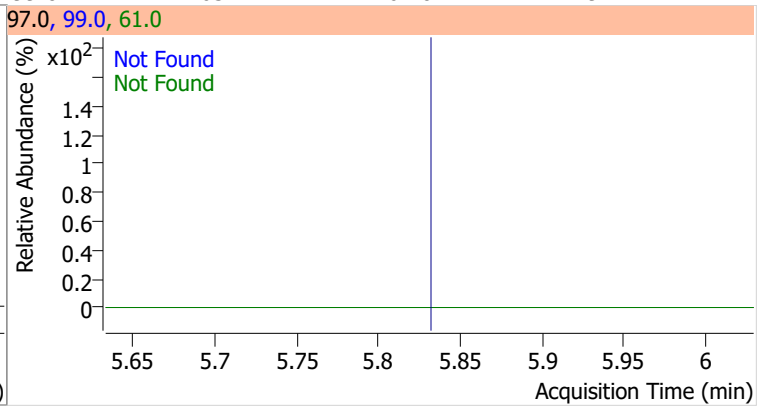
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	66.2



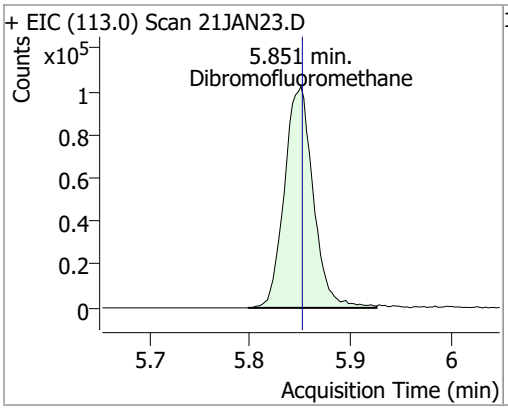


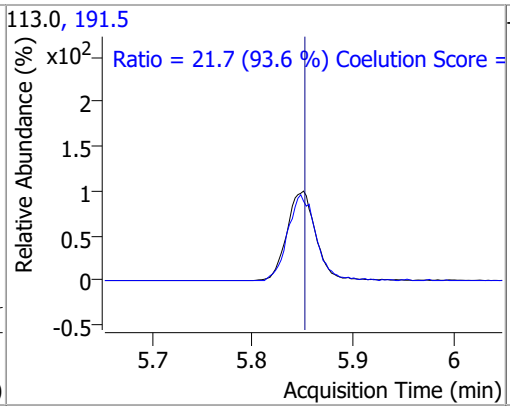
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	63.1	61.0	49.1

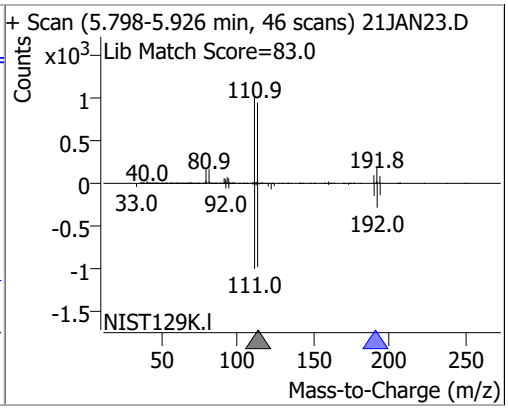




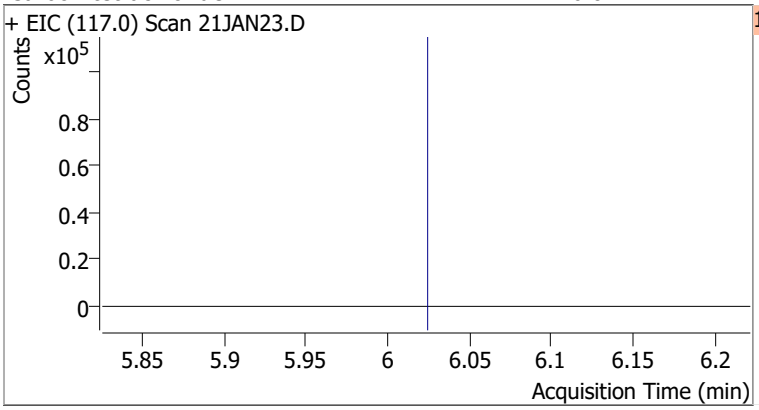
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	265.3278	5.85	0.00	204493	191.5	21.7	0.0	53.2

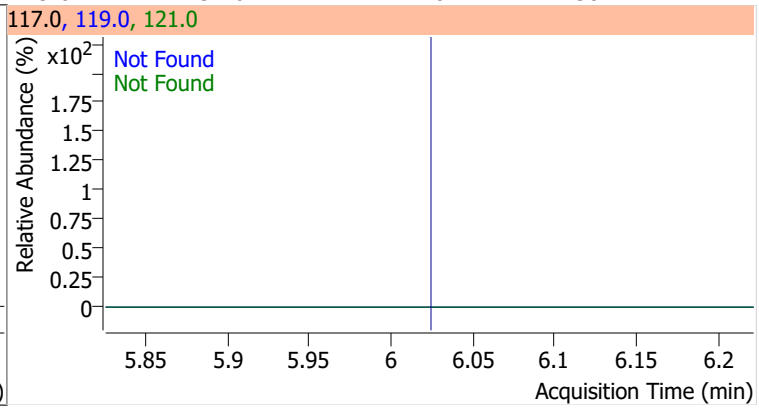




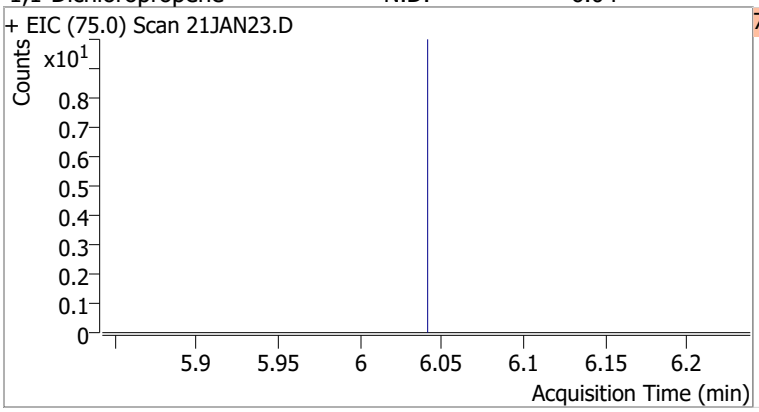


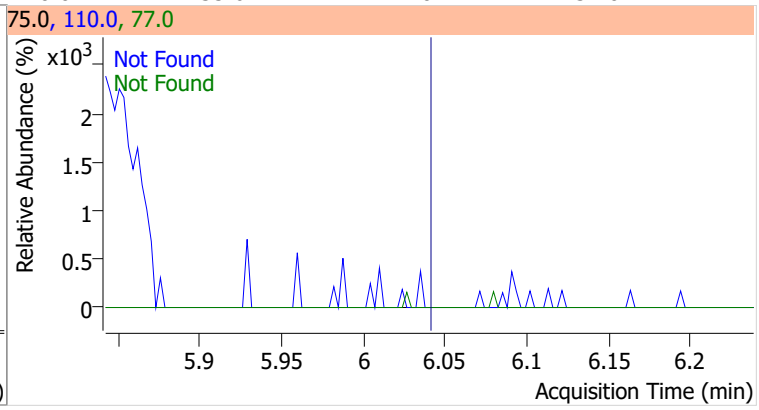
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.02	119.0	97.6	121.0	30.7



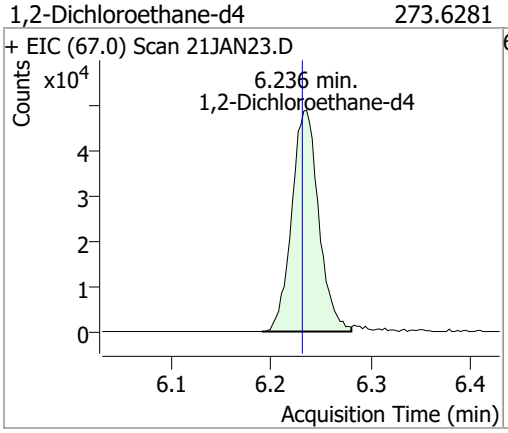


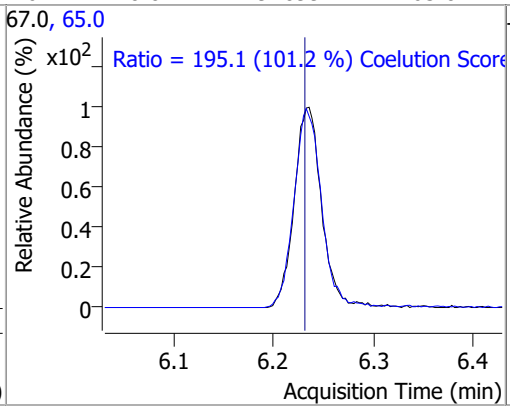
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.6	77.0	31.0

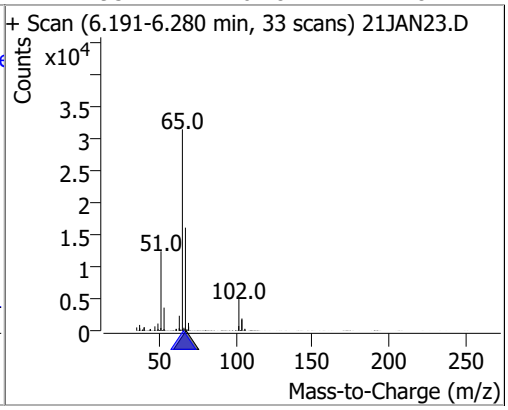




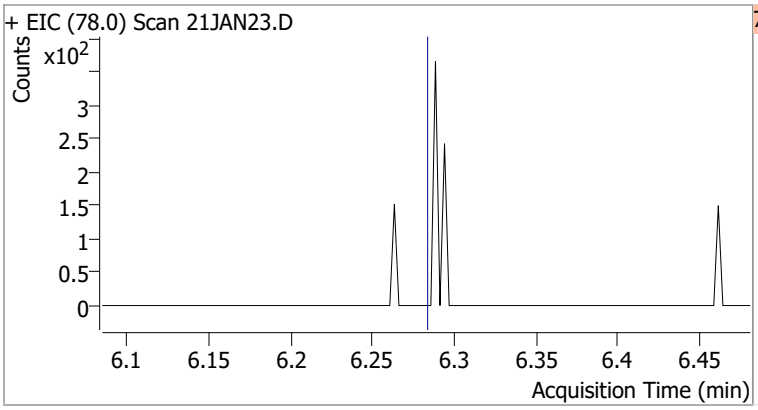
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	273.6281	6.24	0.01	91099	65.0	195.1	162.8	222.8

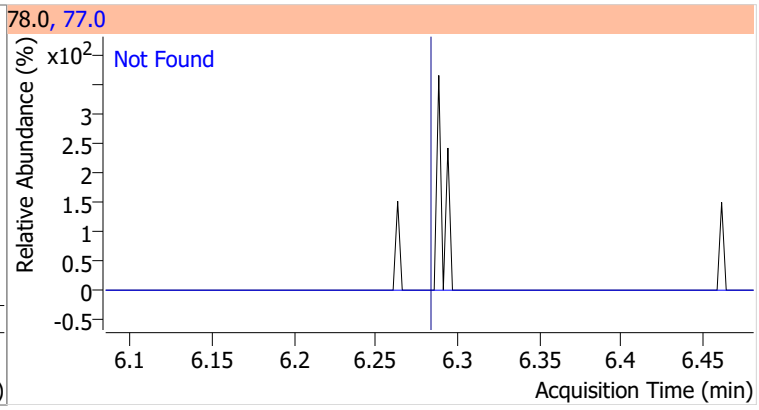




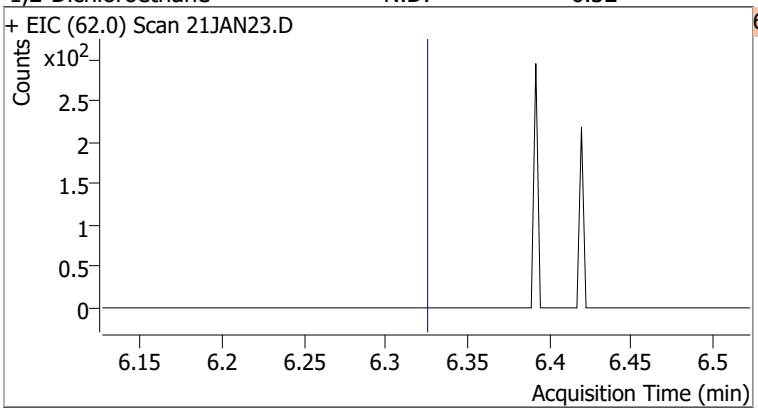


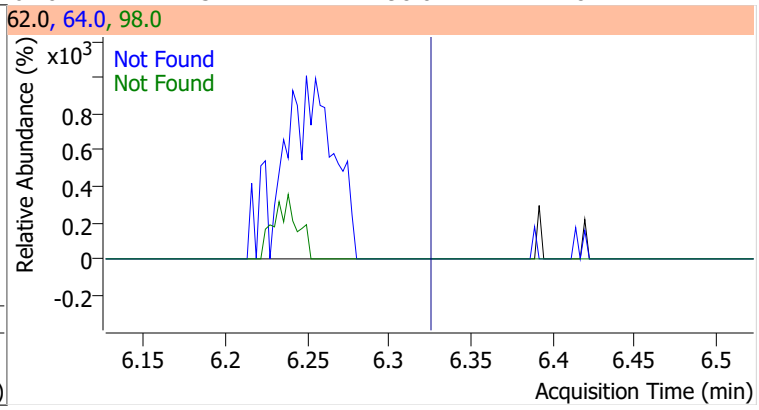
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



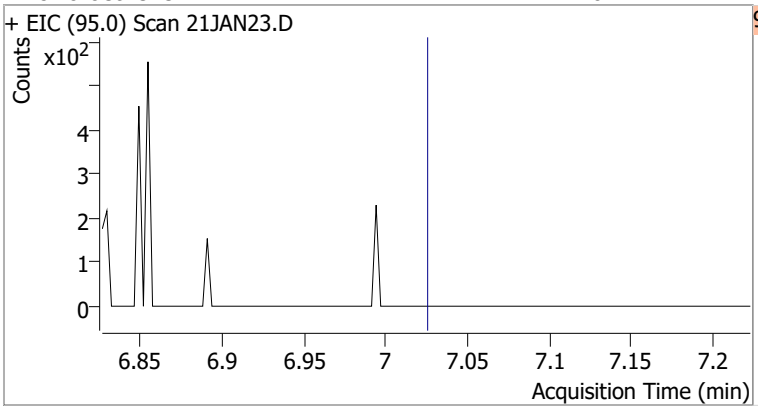


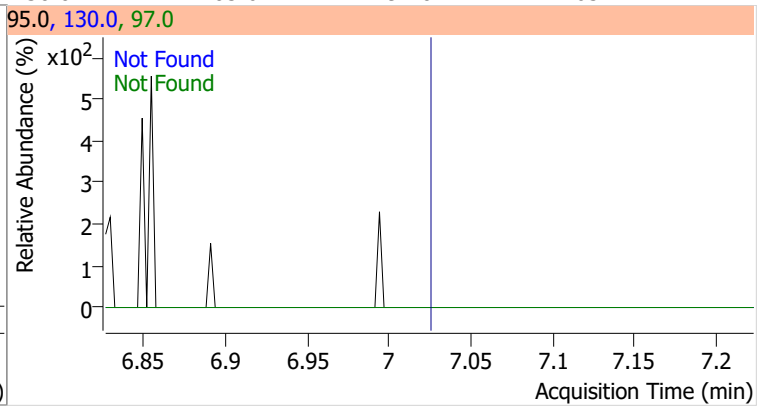
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.2	98.0	8.2



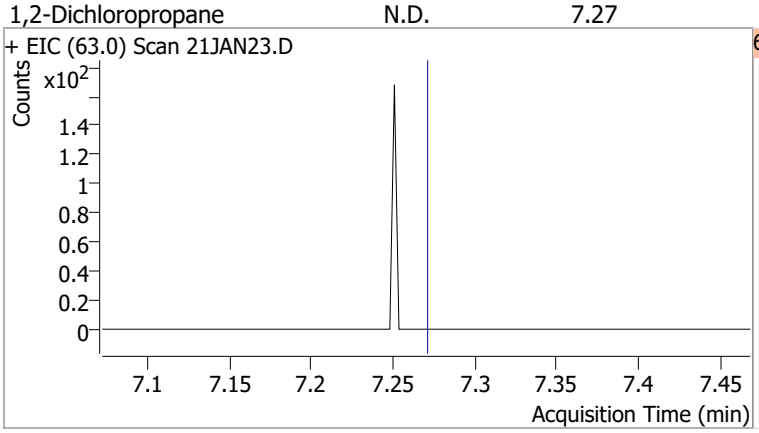


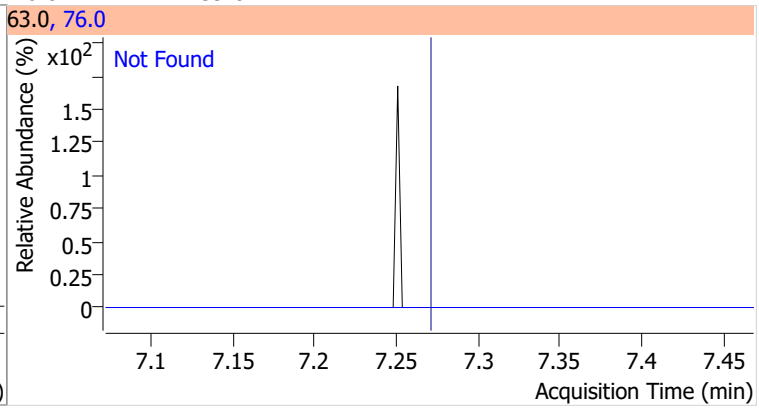
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	105.6	97.0	65.7



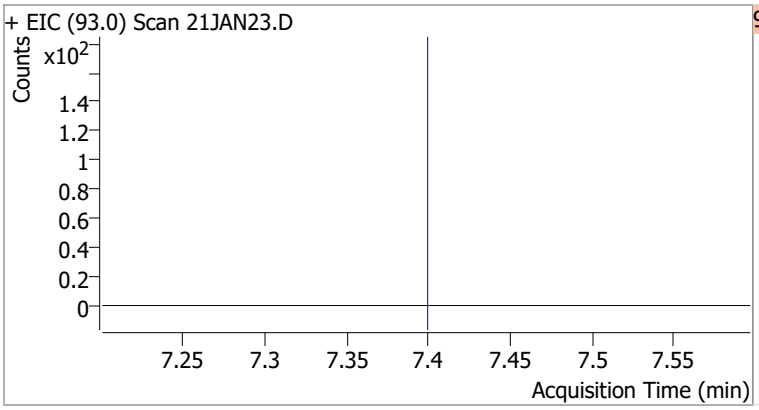


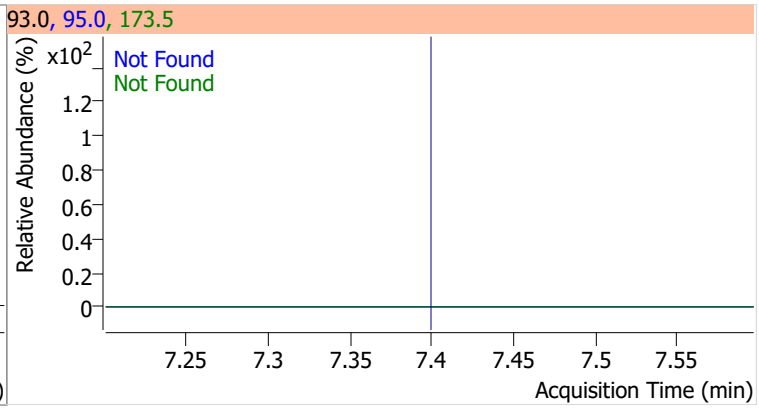
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	39.8



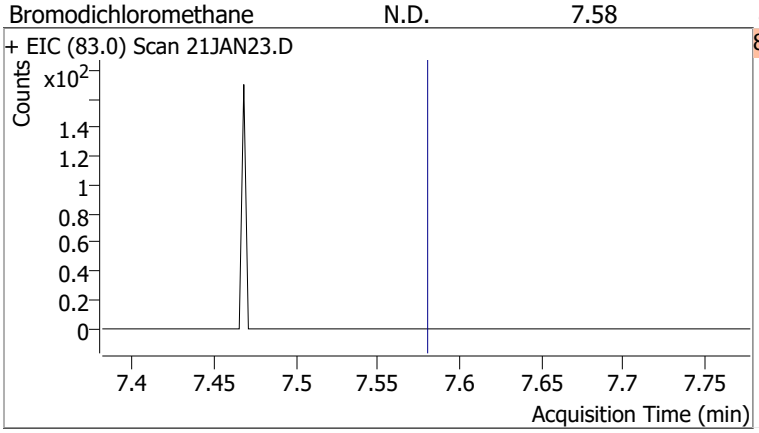


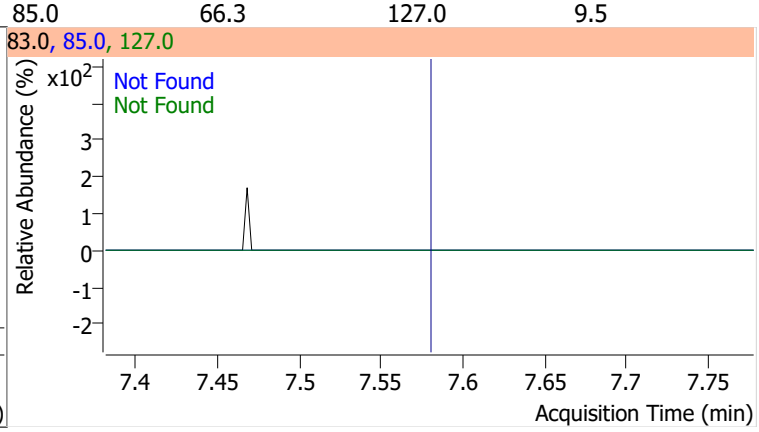
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.2	95.0	84.5



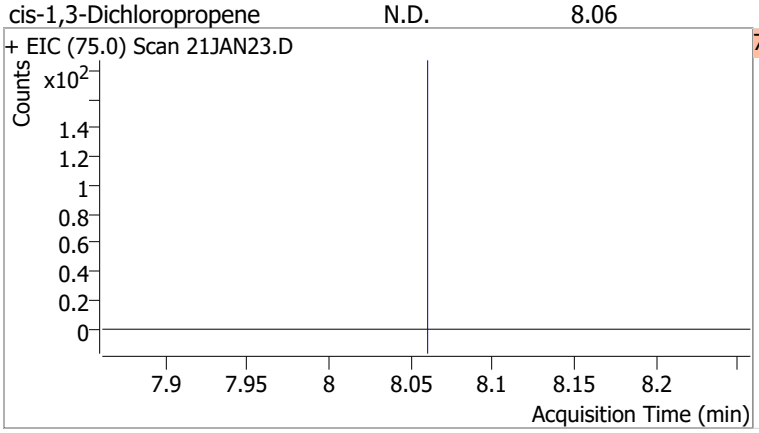


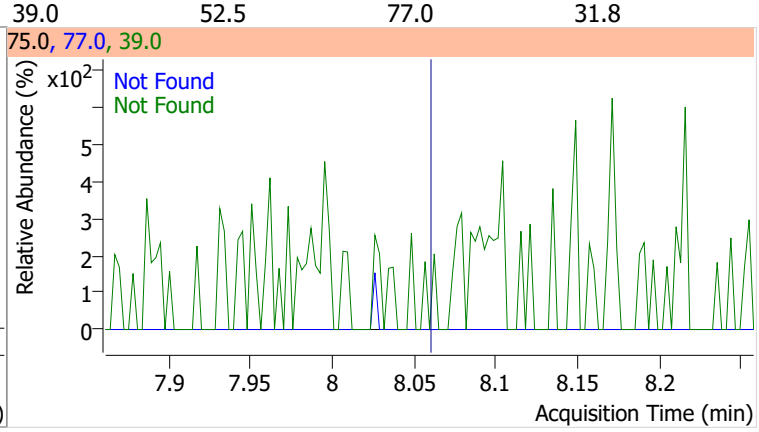
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.58	85.0	66.3	127.0	9.5



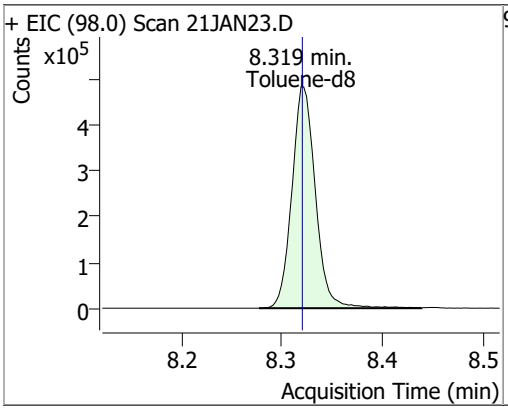


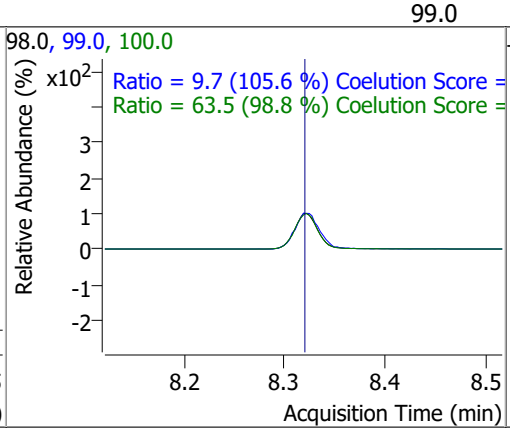
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	52.5	77.0	31.8

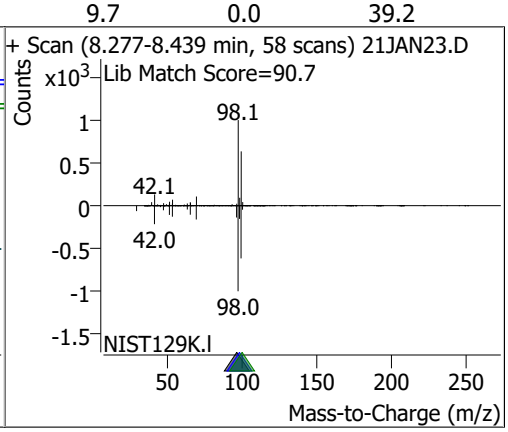




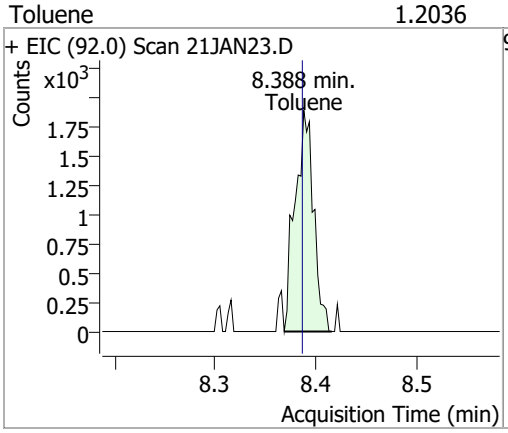
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	262.8062	8.32	0.00	790746	100.0	63.5	34.3	94.3
					99.0	9.7	0.0	39.2

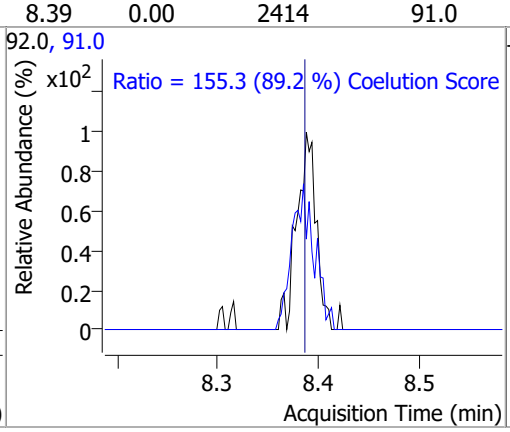


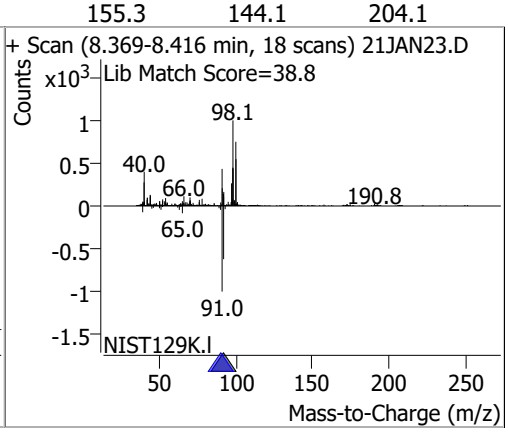




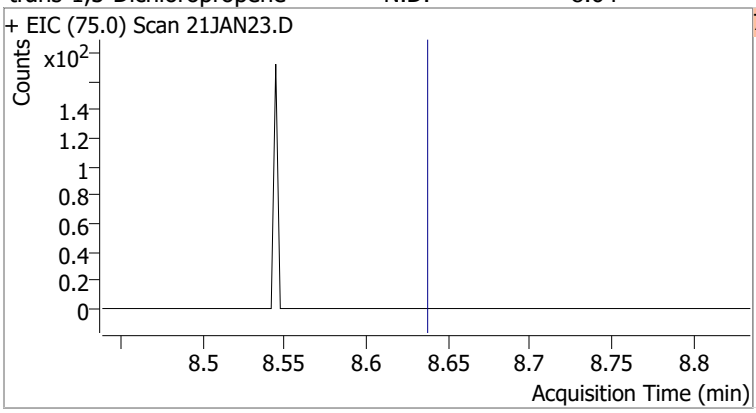
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.2036	8.39	0.00	2414	91.0	155.3	144.1	204.1

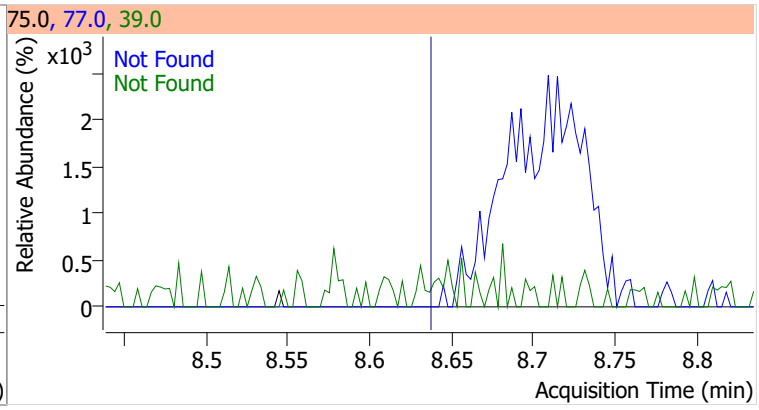




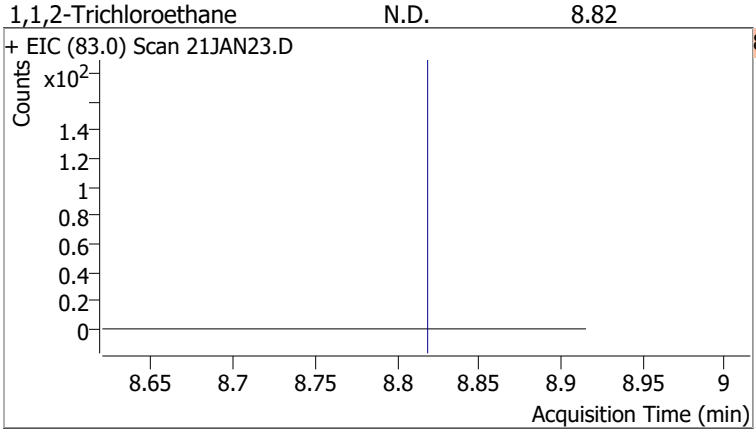


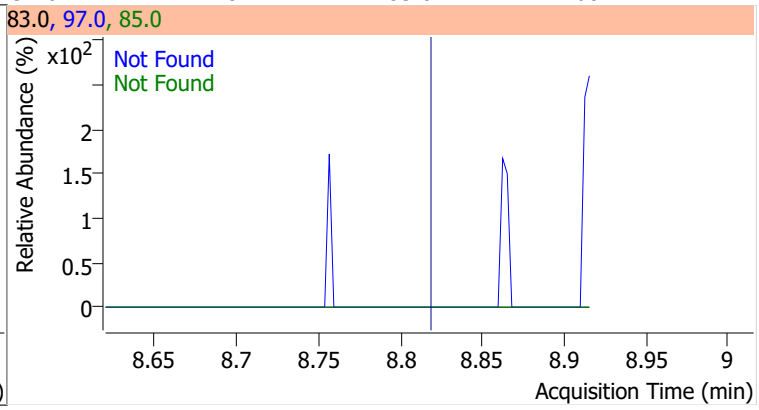
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.0	77.0	31.0



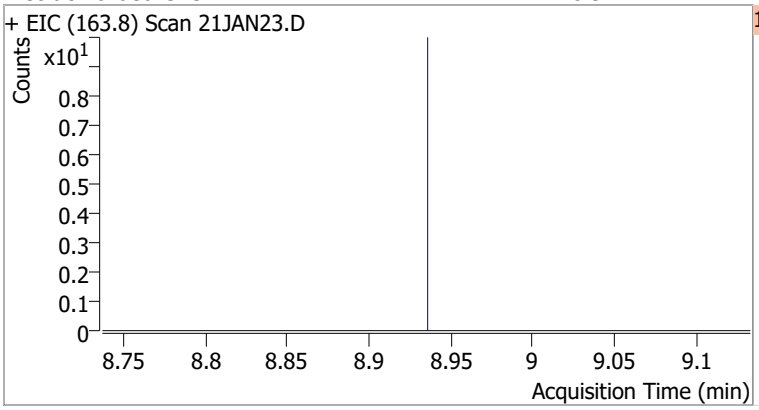


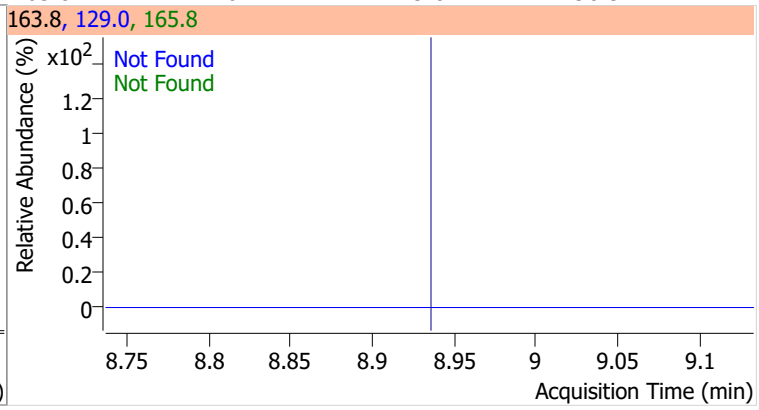
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	110.7	85.0	60.7



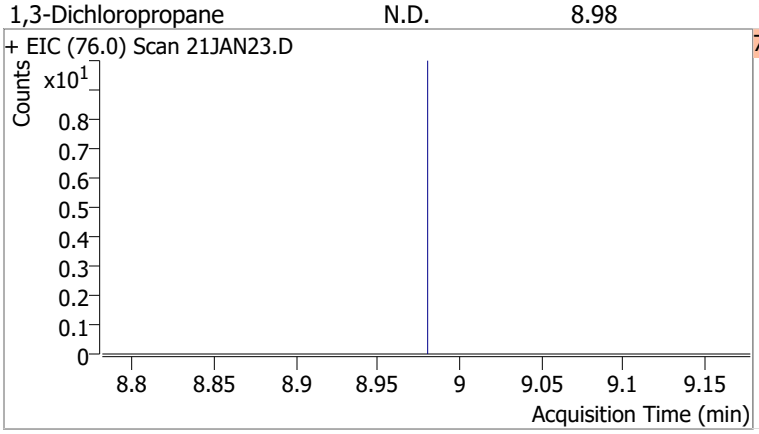


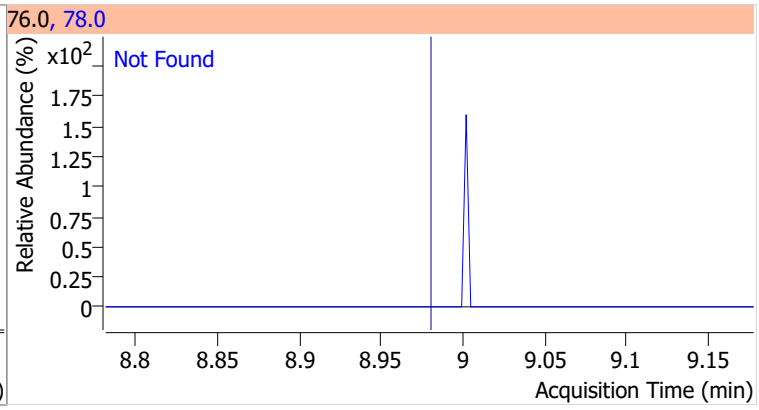
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	126.1	129.0	90.5



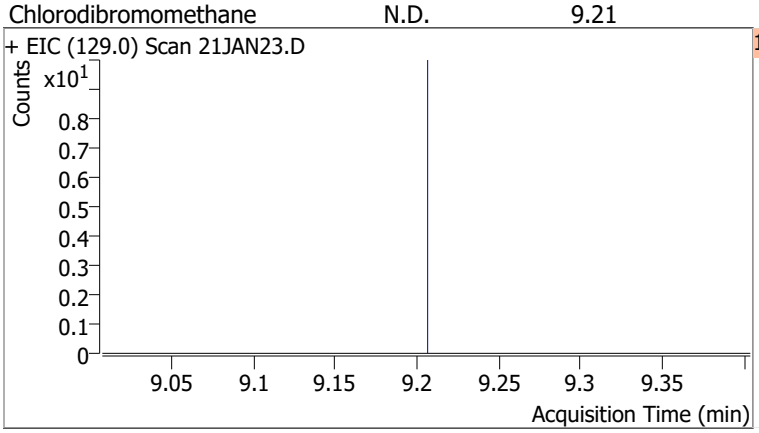


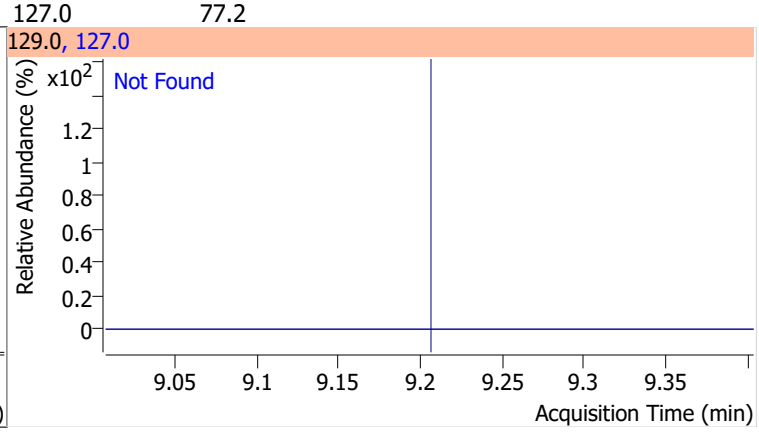
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.4



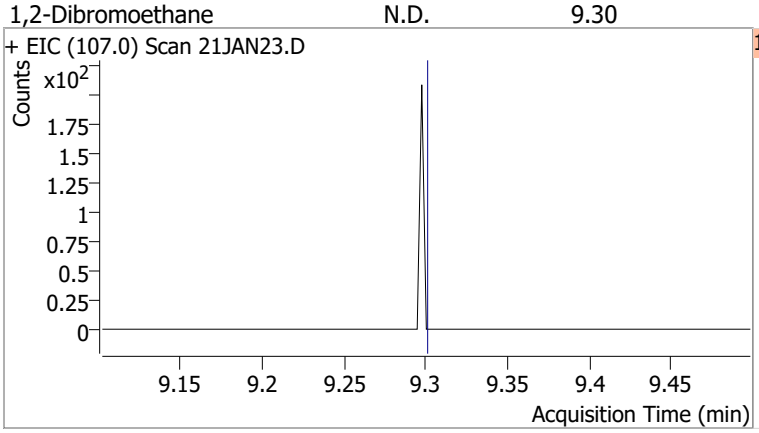


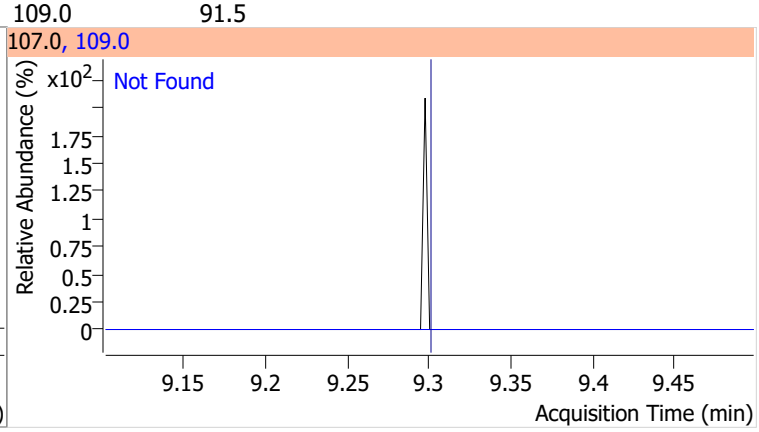
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	77.2



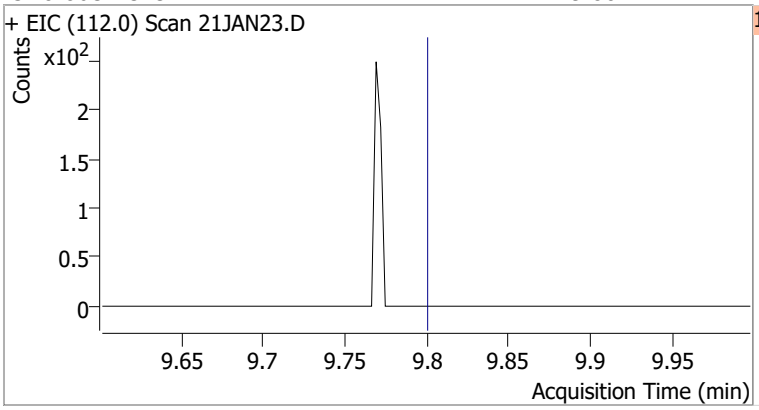


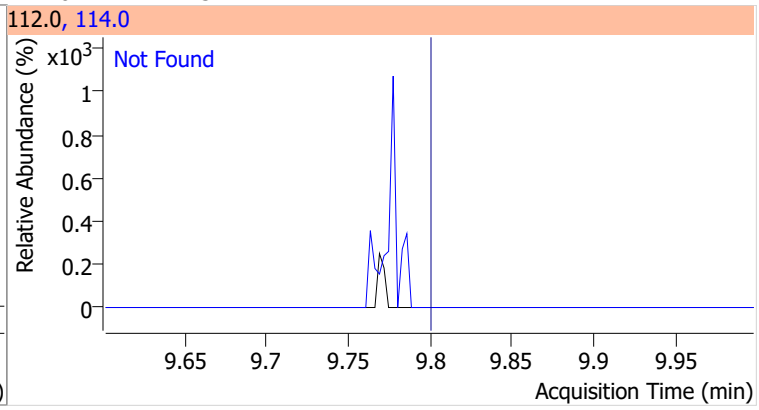
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.30	109.0	91.5



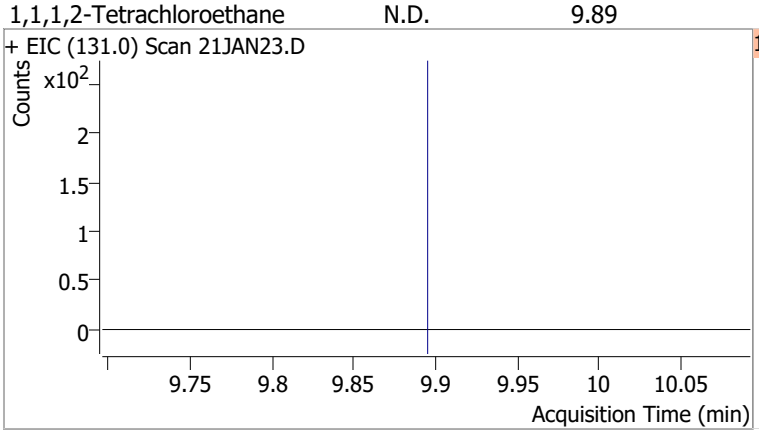


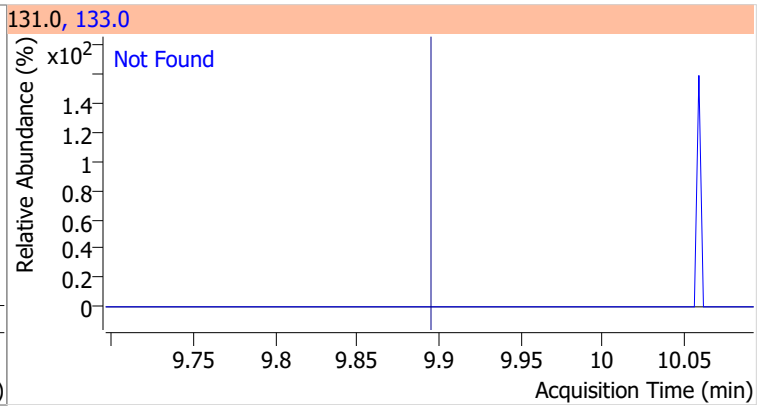
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.2



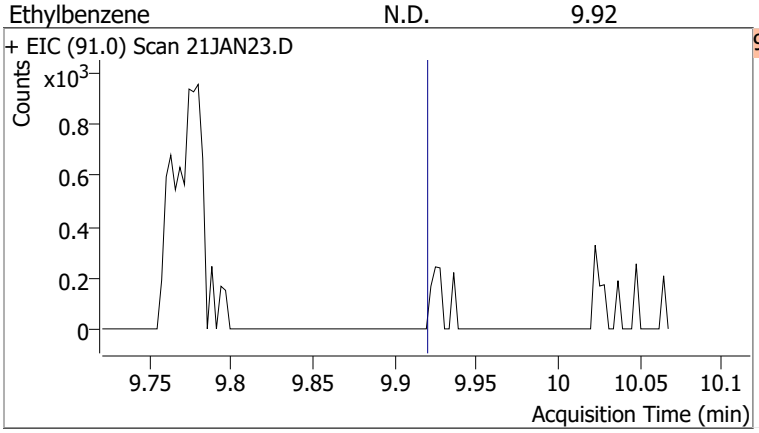


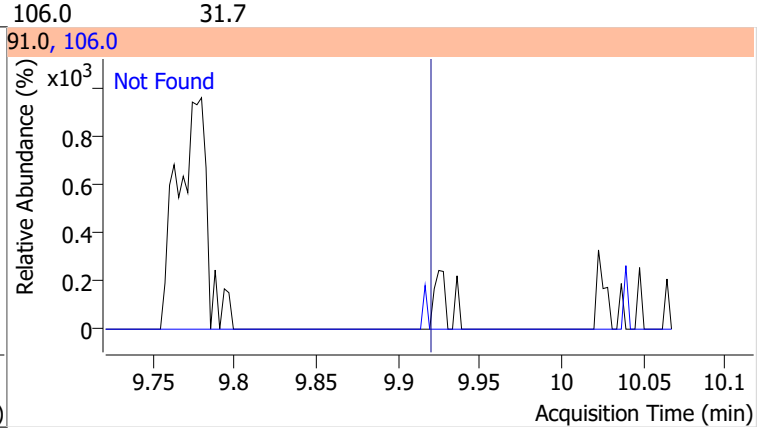
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	95.3



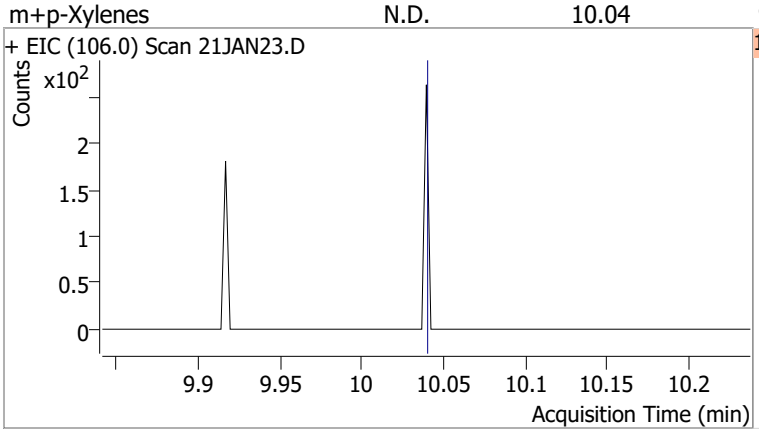


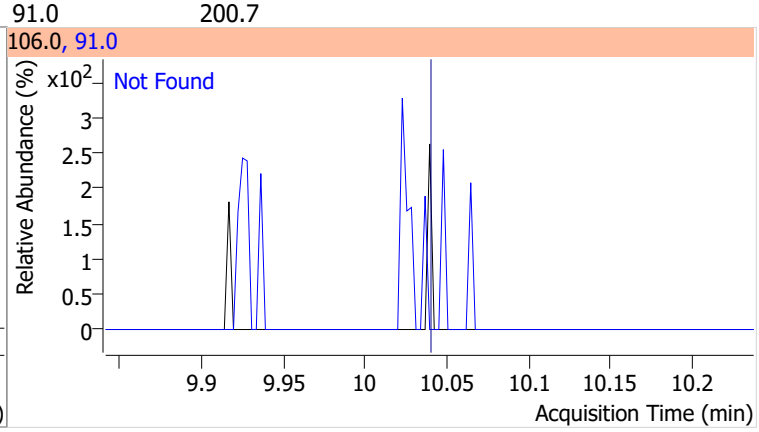
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.7



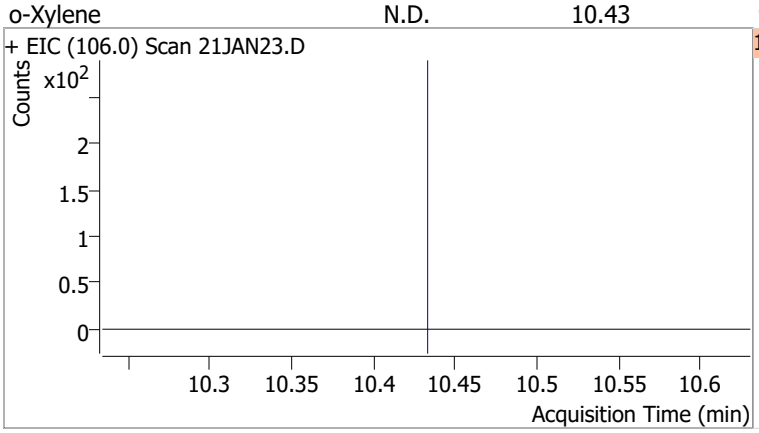


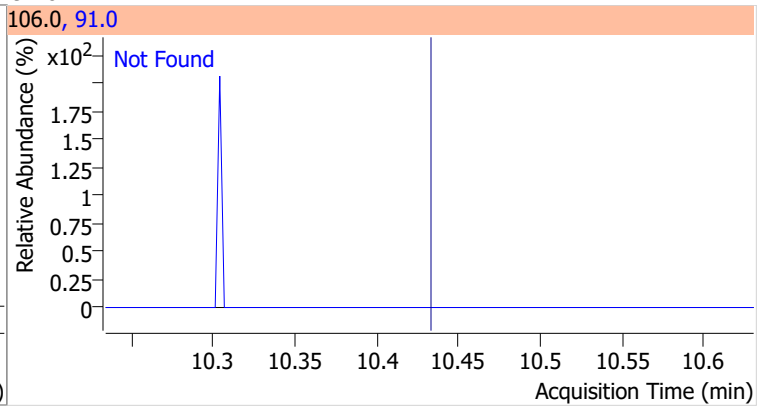
Compound	Conc.	Exp RT	QIon	Exp Ratio
m+p-Xylenes	N.D.	10.04	91.0	200.7



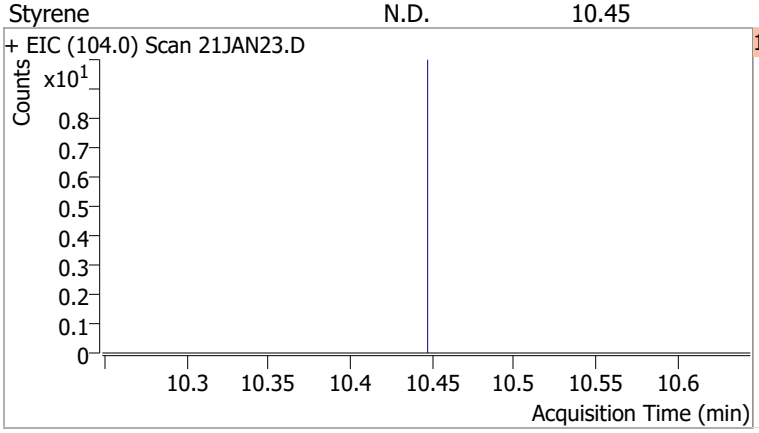


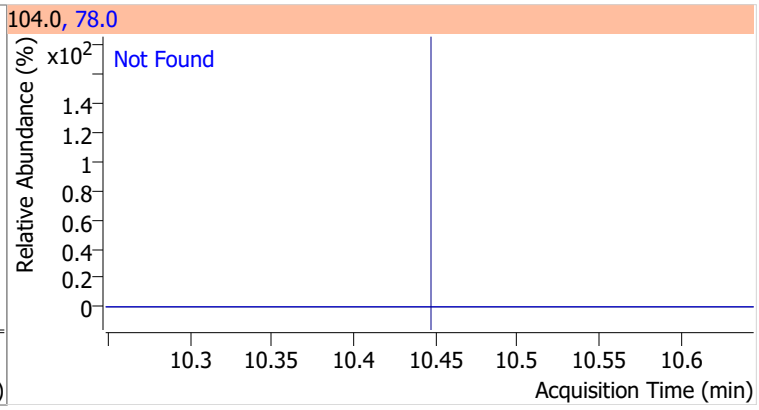
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	211.4



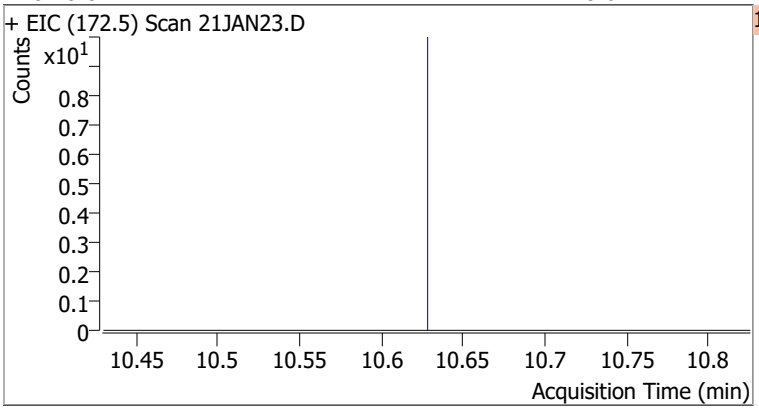


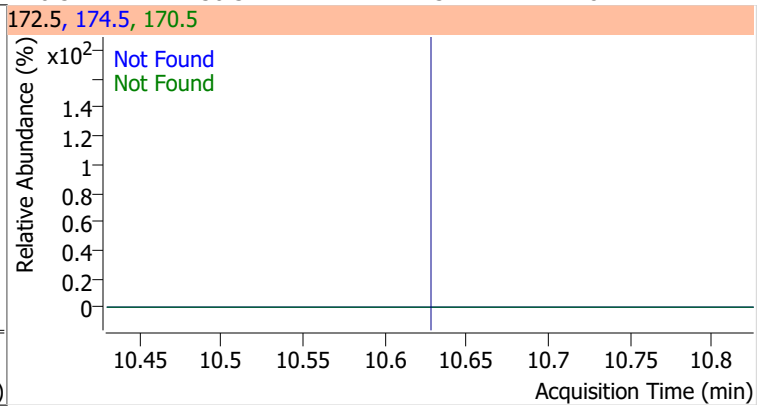
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.6



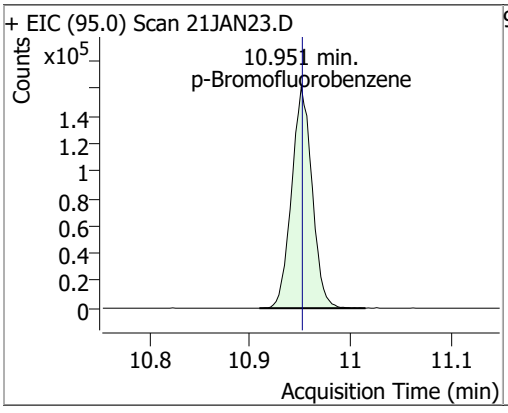


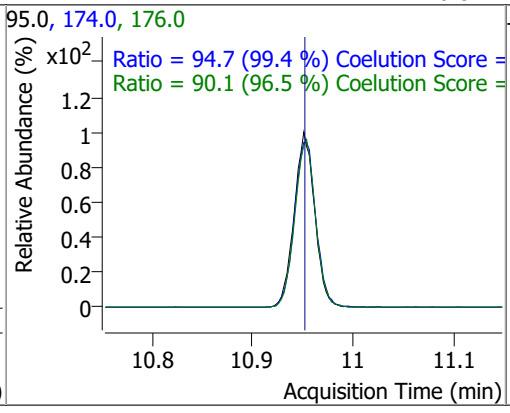
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.62	170.5	50.3	174.5	48.1

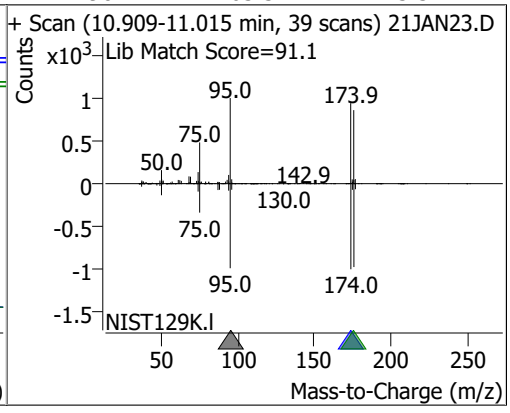




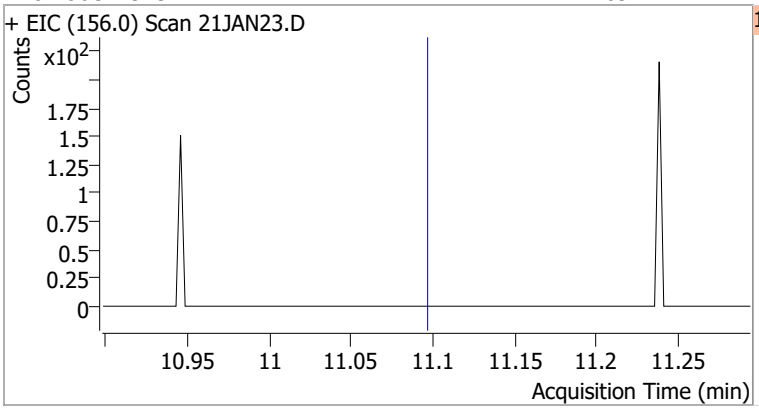
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	262.1727	10.95	0.00	229071	174.0	94.7	65.3	125.3
					176.0	90.1	63.3	123.3

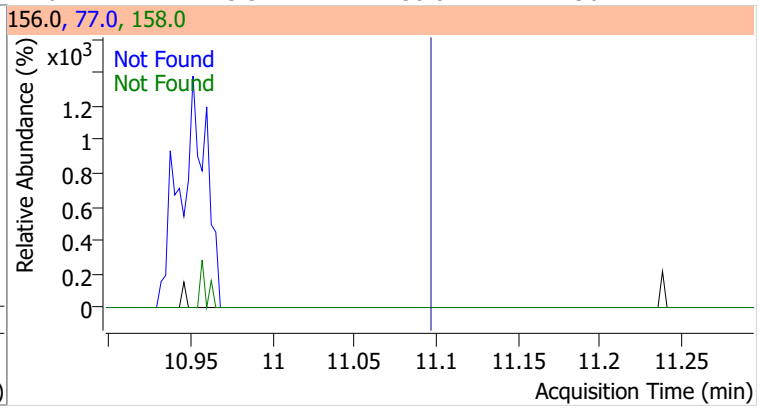




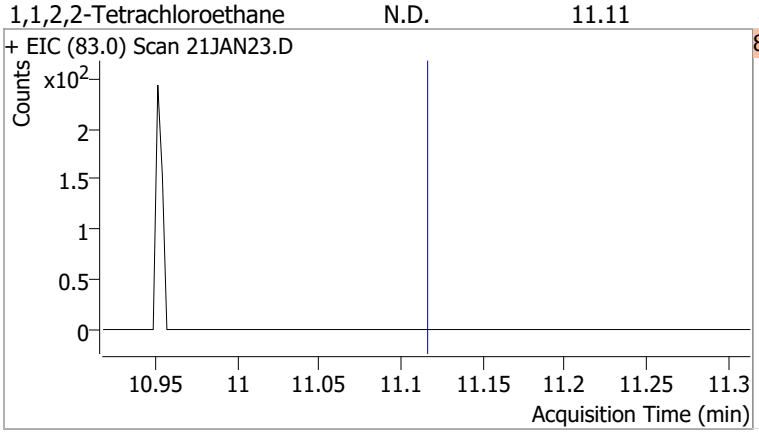


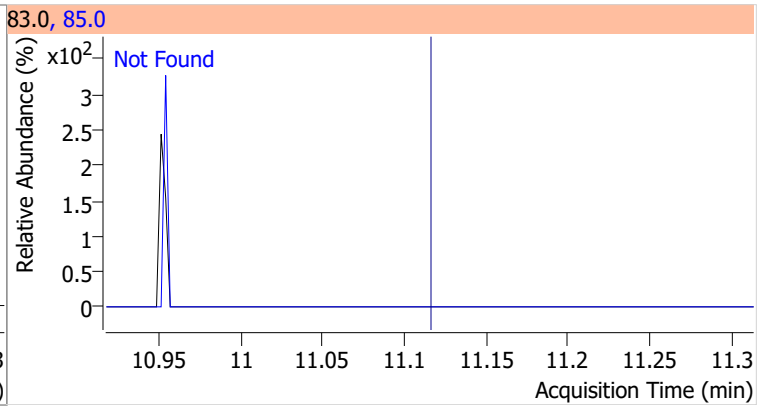
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	143.5	158.0	96.1



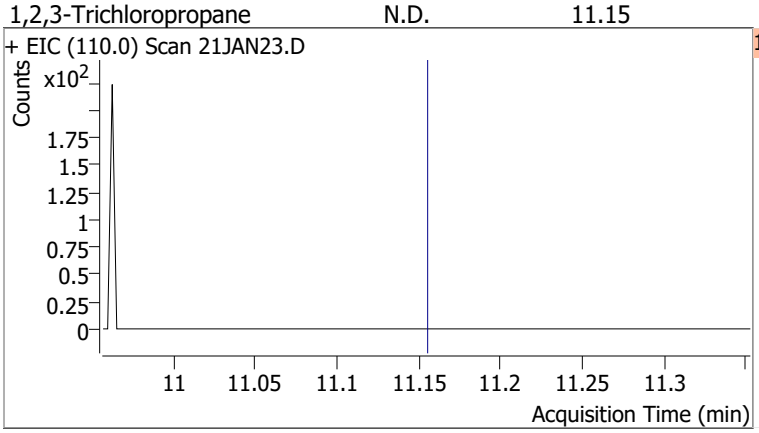


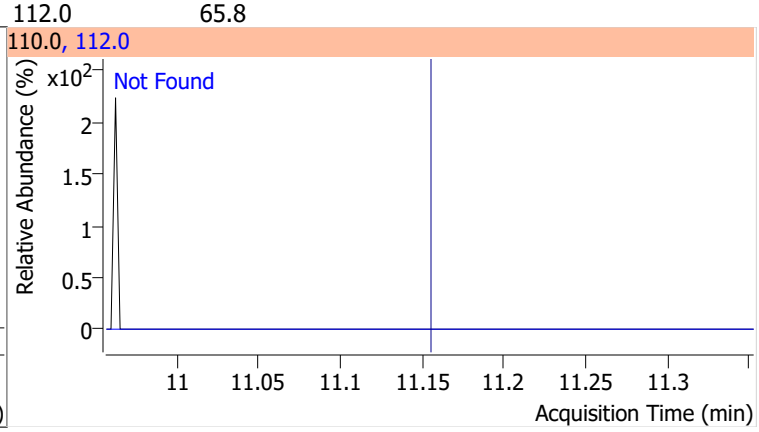
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	63.3



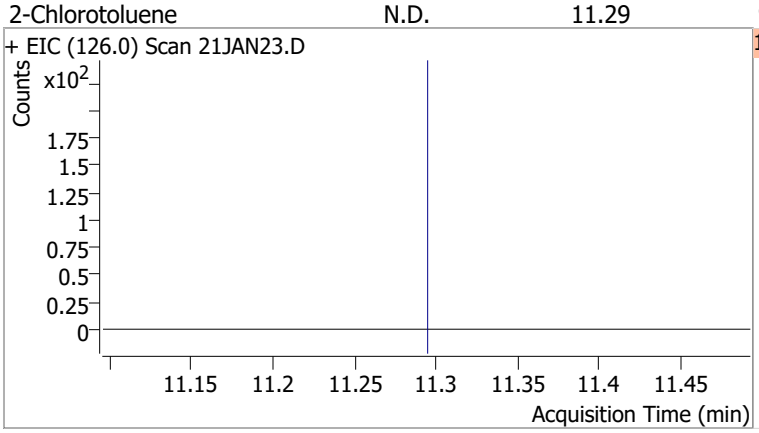


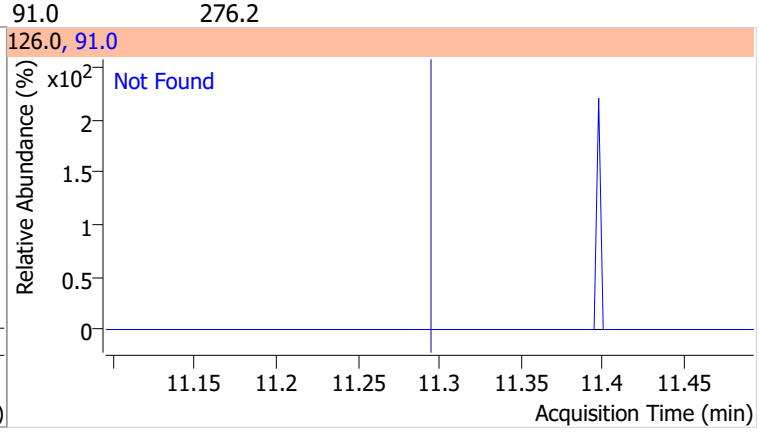
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	65.8



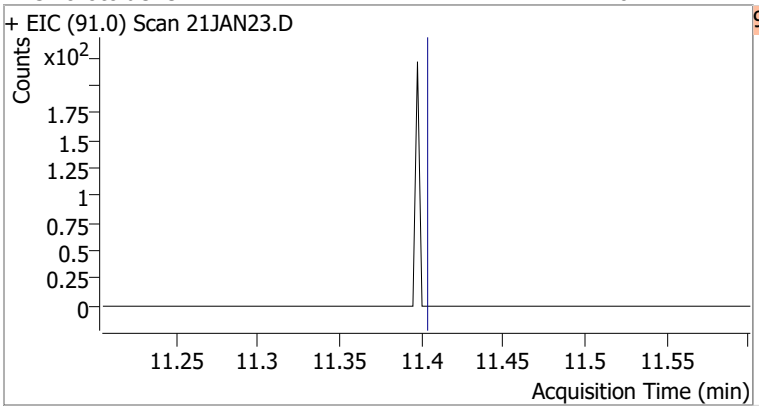


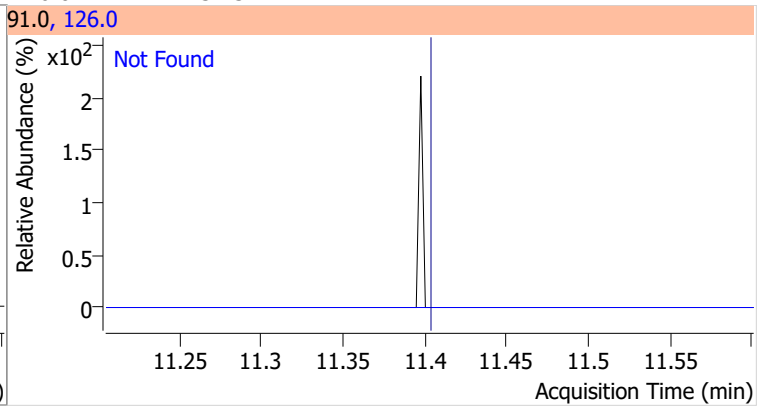
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	276.2



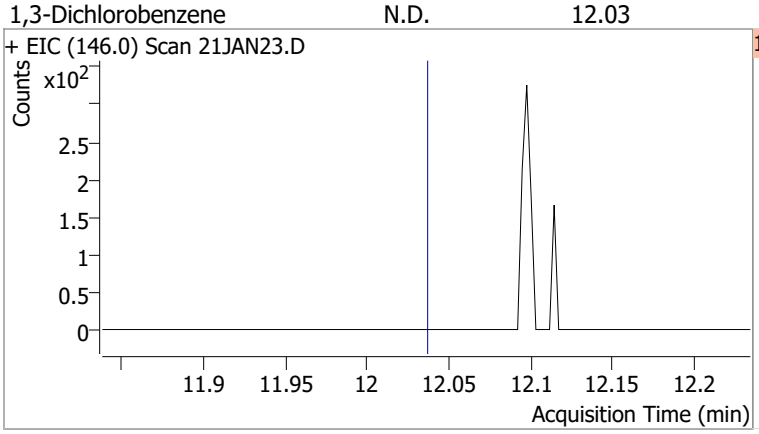


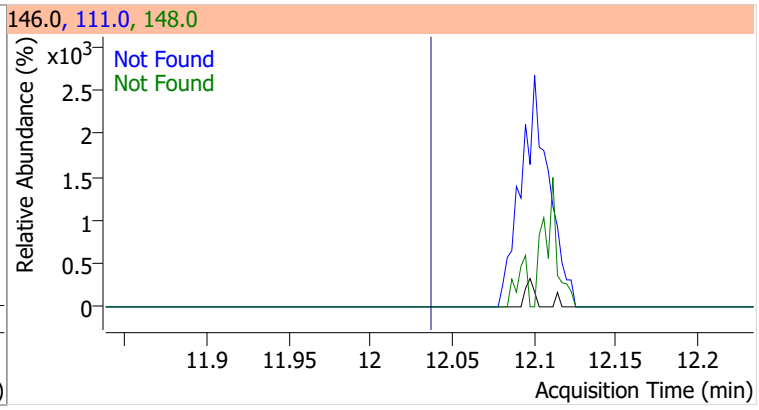
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.3



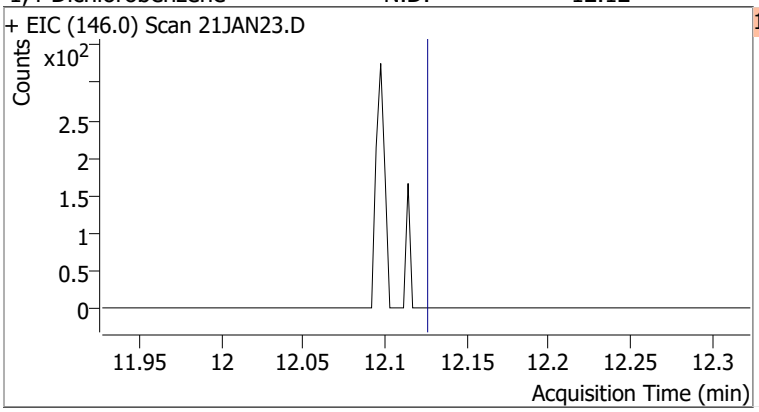


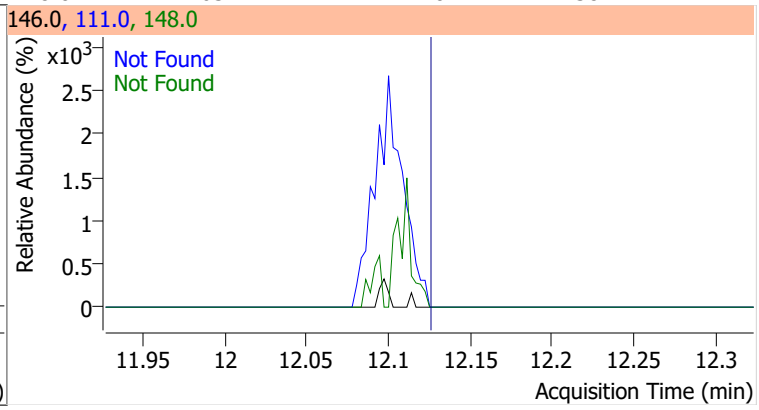
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.8	111.0	38.7



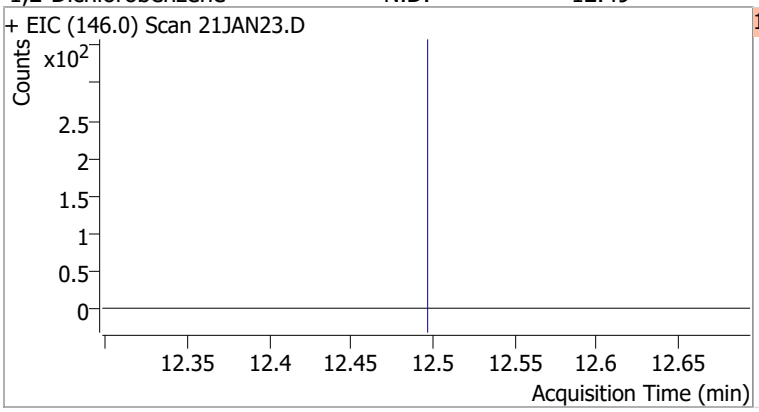


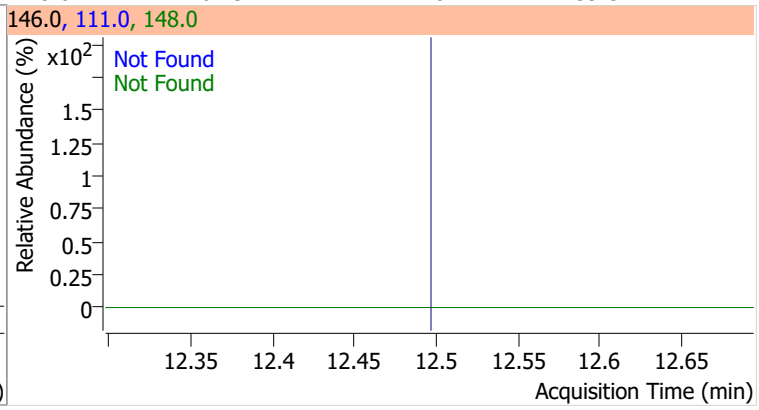
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.7	111.0	38.7





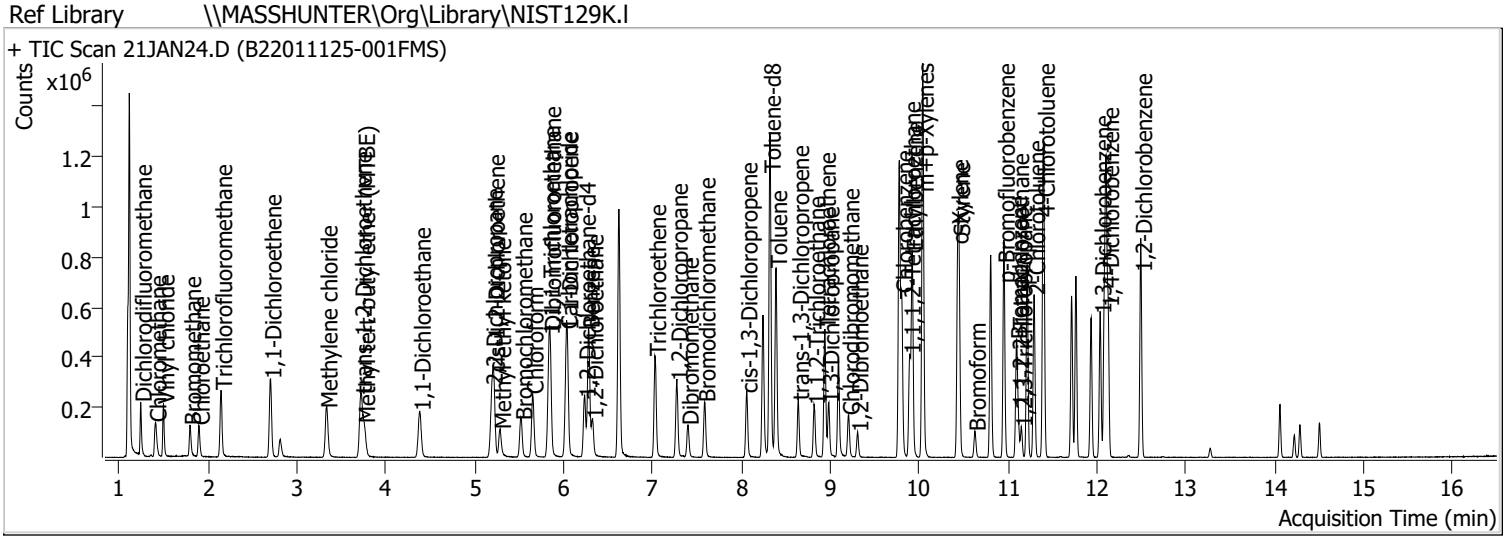
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	61.9	111.0	39.5





Quantitation Results Report (QT Reviewed)

Data File	21JAN24.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 8:15:35 PM
Sample Name	B22011125-001FMS	Instrument	VOA5975C
Vial	24	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	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

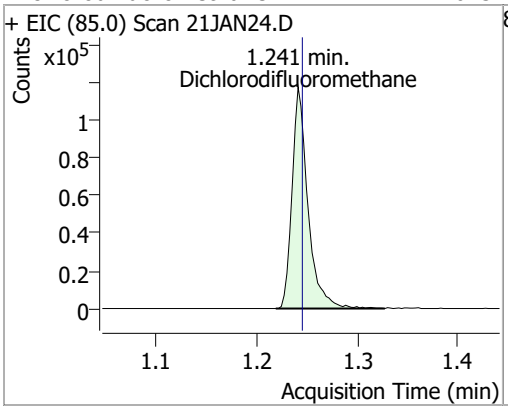


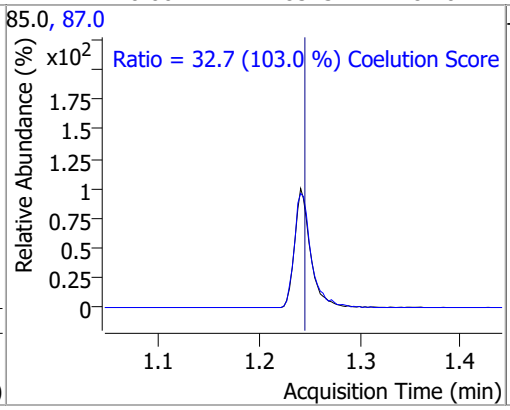
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	835020	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	316319	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	271135	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	196831	243.3661	ng	-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 97.35%		
S 1,2-Dichloroethane-d4	6.238	67.0	86954	248.8851	ng	0.008
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 99.55%		
S Toluene-d8	8.319	98.0	790081	256.0214	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 102.41%		
S p-Bromofluorobenzene	10.951	95.0	241244	240.9805	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 96.39%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	128523	114.4675	ng	98
T Chloromethane	1.408	50.0	155077	117.3147	ng	100
T Vinyl chloride	1.498	62.0	145232	120.7016	ng	99
T Bromomethane	1.796	96.0	56828	109.7598	ng	97
T Chloroethane	1.894	64.0	79801	140.1819	ng	98
T Trichlorofluoromethane	2.145	101.0	182976	126.8164	ng	100
T 1,1-Dichloroethene	2.702	96.0	112274	133.7328	ng	99
T Methylene chloride	3.330	49.0	150846	123.5813	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	109146	125.8473	ng	98
T Methyl tert-butyl ether (MTBE)	3.756	73.0	142079	131.0689	ng	100
T 1,1-Dichloroethane	4.381	63.0	218806	134.8026	ng	98
T 2,2-Dichloropropane	5.190	77.0	155510	127.1305	ng	96
T cis-1,2-Dichloroethene	5.212	96.0	113191	128.8985	ng	97
T Methyl ethyl ketone	5.285	43.0	145719	1148.2484	ng	99
T Bromochloromethane	5.524	128.0	43846	121.0995	ng	89
T Chloroform	5.650	83.0	196268	121.1021	ng	98

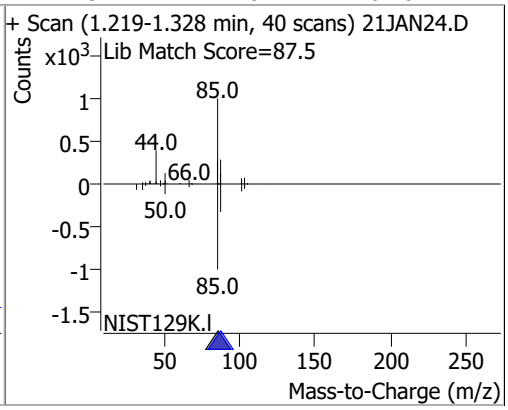
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	195223	130.5546	ng	100
T Carbon tetrachloride	6.029	117.0	188089	129.6918	ng	100
T 1,1-Dichloropropene	6.040	75.0	152491	125.7575	ng	98
T Benzene	6.280	78.0	432370	129.6165	ng	99
T 1,2-Dichloroethane	6.325	62.0	110251	119.6625	ng	99
T Trichloroethene	7.028	95.0	125829	132.8738	ng	97
T 1,2-Dichloropropane	7.270	63.0	109301	131.2765	ng	97
T Dibromomethane	7.396	93.0	45134	128.6071	ng	98
T Bromodichloromethane	7.582	83.0	130138	131.8727	ng	98
T cis-1,3-Dichloropropene	8.057	75.0	133937	123.6840	ng	98
T Toluene	8.388	92.0	279197	135.7299	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	103251	130.7154	ng	97
T 1,1,2-Trichloroethane	8.818	83.0	51793	128.9513	ng	94
T Tetrachloroethene	8.938	163.8	110203	132.1180	ng	99
T 1,3-Dichloropropane	8.980	76.0	100946	124.1967	ng	100
T Chlorodibromomethane	9.203	129.0	83758	129.4839	ng	98
T 1,2-Dibromoethane	9.306	107.0	57967	130.6731	ng	97
T Chlorobenzene	9.802	112.0	301891	133.8781	ng	99
T 1,1,1,2-Tetrachloroethane	9.891	131.0	103530	130.8535	ng	98
T Ethylbenzene	9.919	91.0	522044	132.5288	ng	98
T m+p-Xylenes	10.039	106.0	407850	260.1419	ng	99
T o-Xylene	10.430	106.0	181066	131.9130	ng	99
T Styrene	10.446	104.0	302215	133.1397	ng	97
T Bromoform	10.625	172.5	46424	127.7783	ng	100
T Bromobenzene	11.093	156.0	116776	132.2748	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	66348	131.7588	ng	100
T 1,2,3-Trichloropropane	11.149	110.0	15969	120.7013	ng	99
T 2-Chlorotoluene	11.291	126.0	117059	133.9733	ng	97
T 4-Chlorotoluene	11.400	91.0	391248	138.2504	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	214557	134.1387	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	215926	132.4149	ng	100
T 1,2-Dichlorobenzene	12.496	146.0	174435	130.6231	ng	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

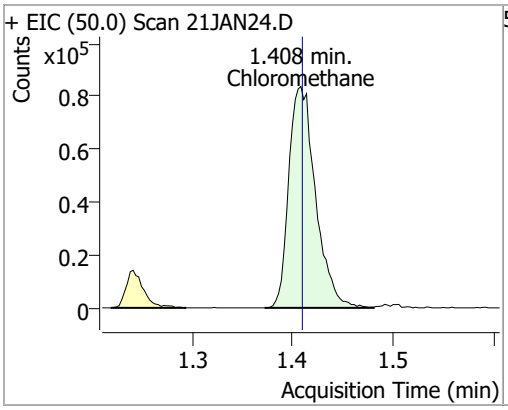
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	114.4675	1.24	0.00	128523	87.0	32.7	1.8	61.8

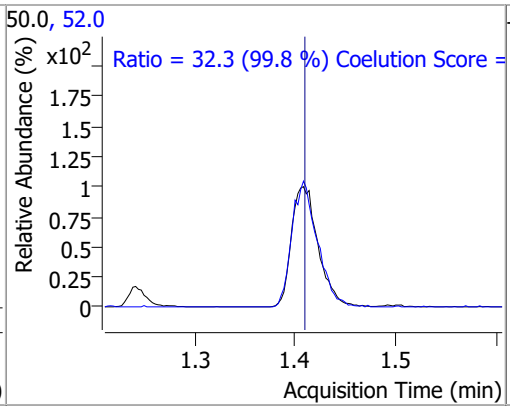


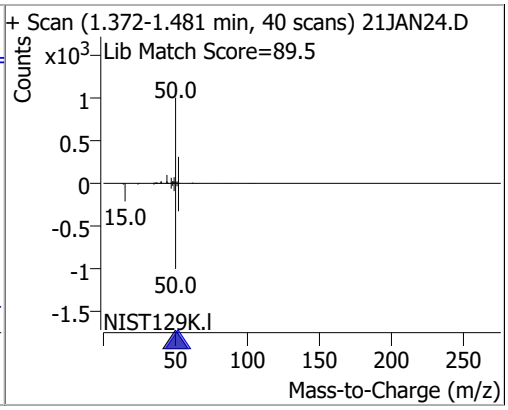




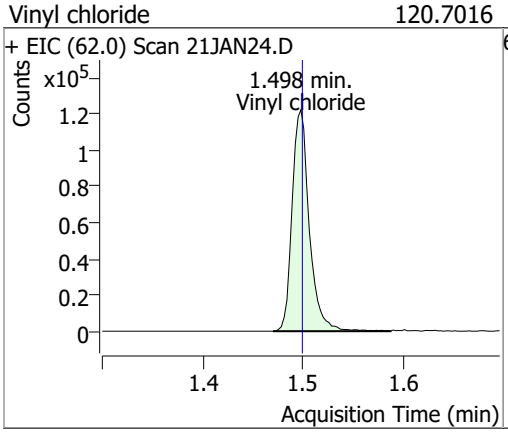
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	117.3147	1.41	0.00	155077	52.0	32.3	2.4	62.4

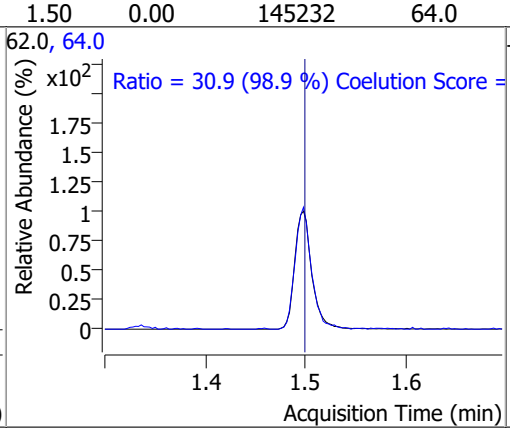


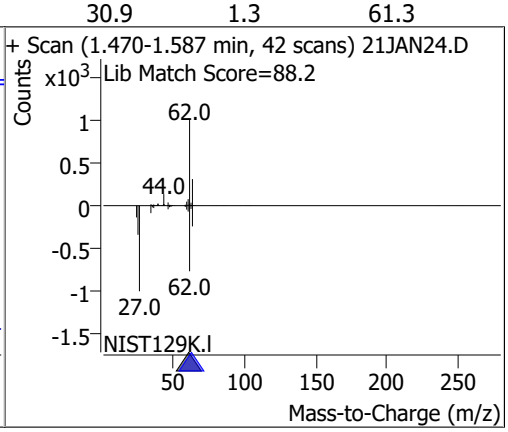




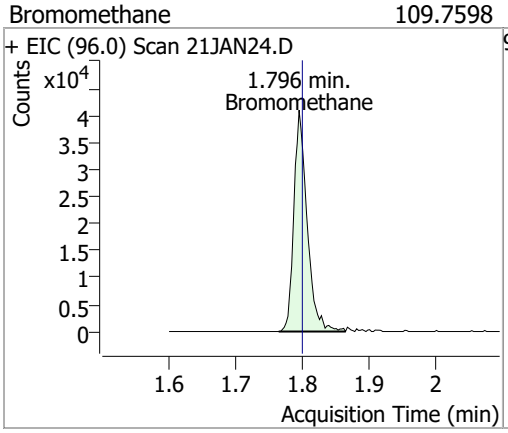
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	120.7016	1.50	0.00	145232	64.0	30.9	1.3	61.3

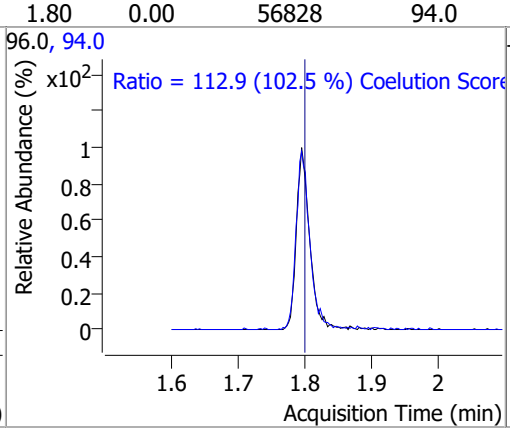


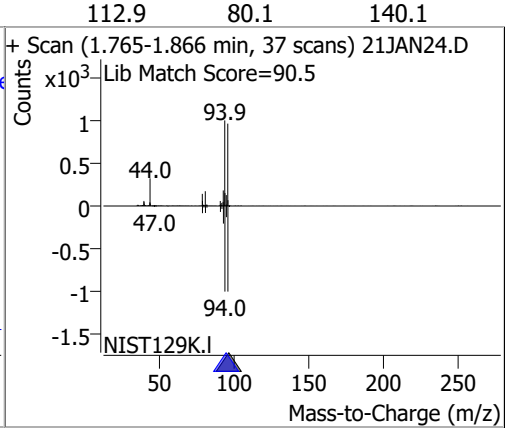




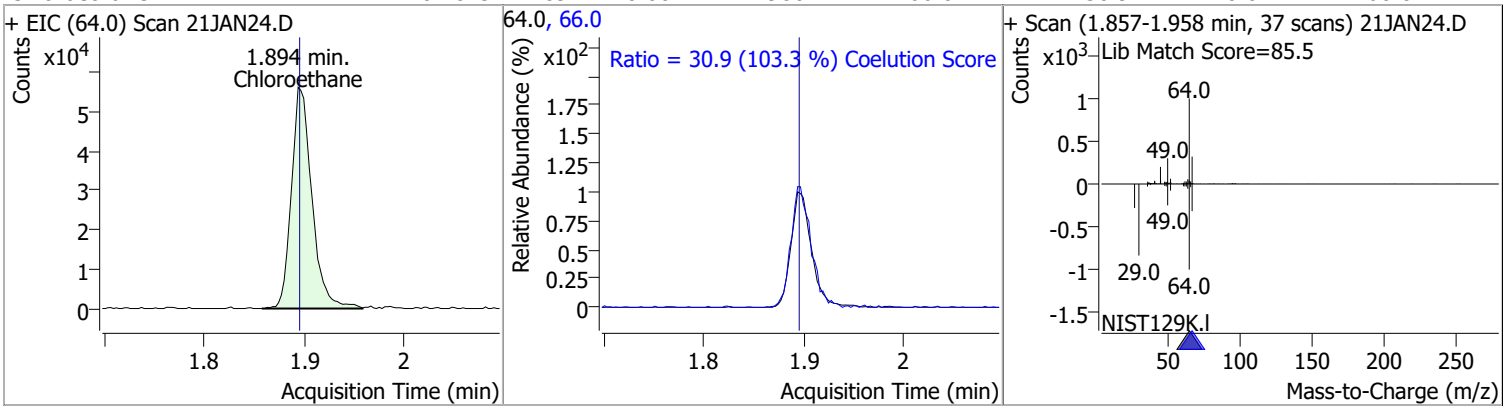
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	109.7598	1.80	0.00	56828	94.0	112.9	80.1	140.1



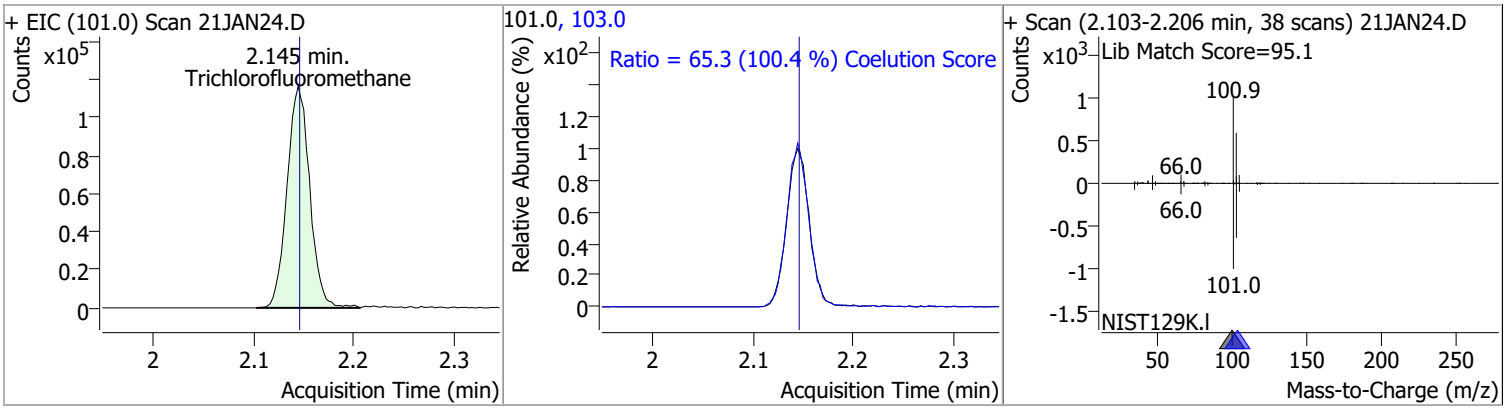




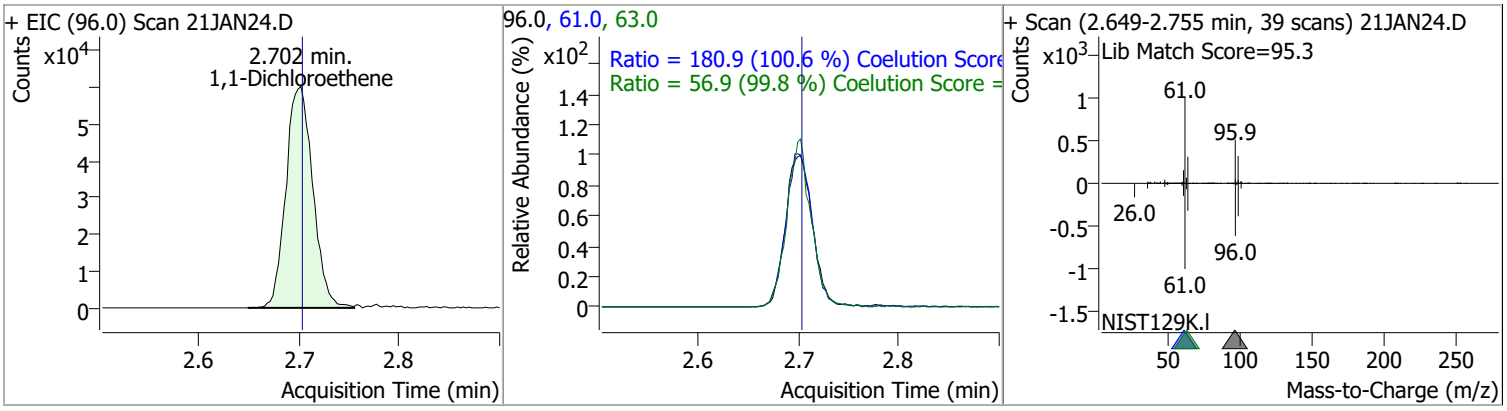
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	140.1819	1.89	0.00	79801	66.0	30.9	0.0	60.0



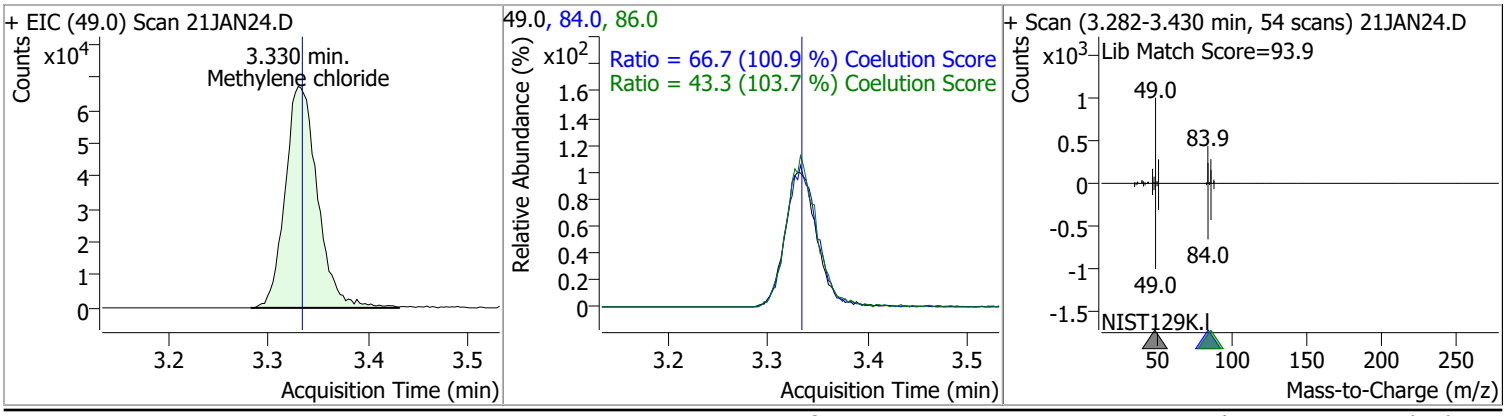
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	126.8164	2.14	0.00	182976	103.0	65.3	35.0	95.0



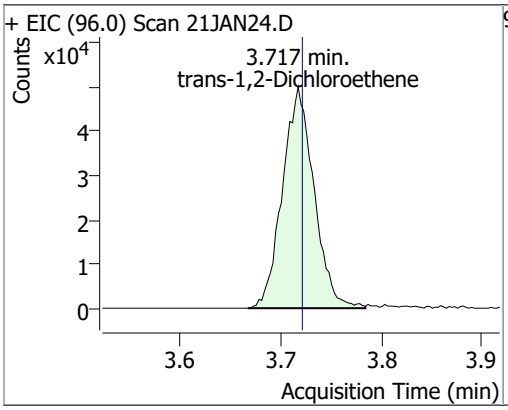
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	133.7328	2.70	0.00	112274	61.0	180.9	149.9	209.9
					63.0	56.9	27.0	87.0

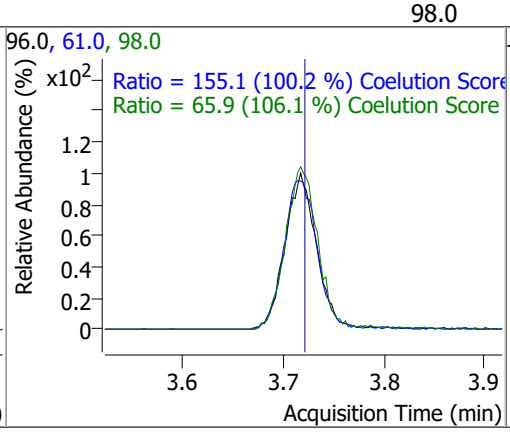


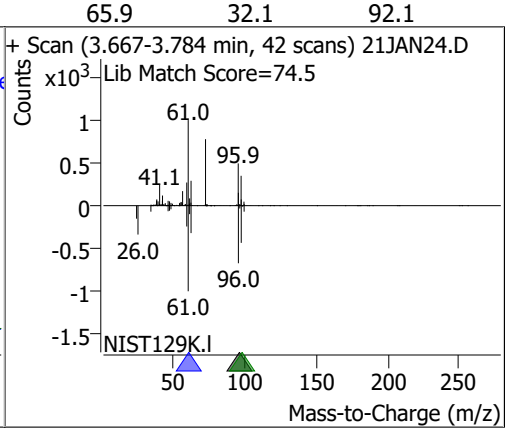
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	123.5813	3.33	0.00	150846	84.0	66.7	36.1	96.1
					86.0	43.3	11.8	71.8



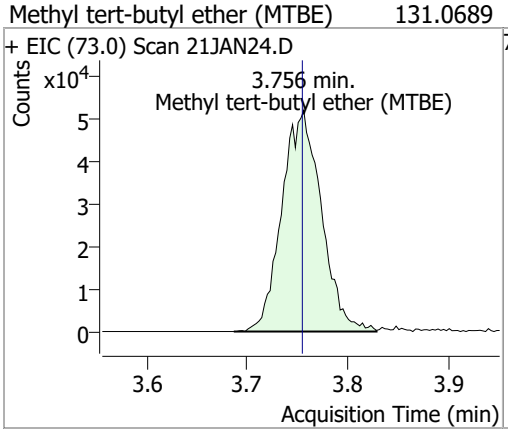
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	125.8473	3.72	0.00	109146	61.0	155.1	124.8	184.8
					98.0	65.9	32.1	92.1

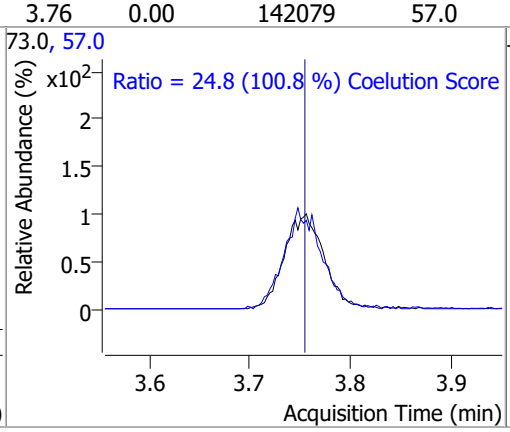


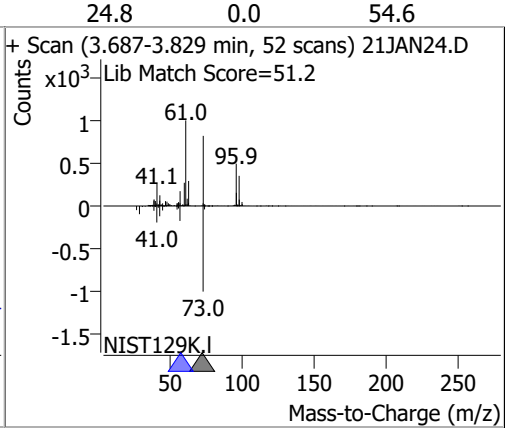




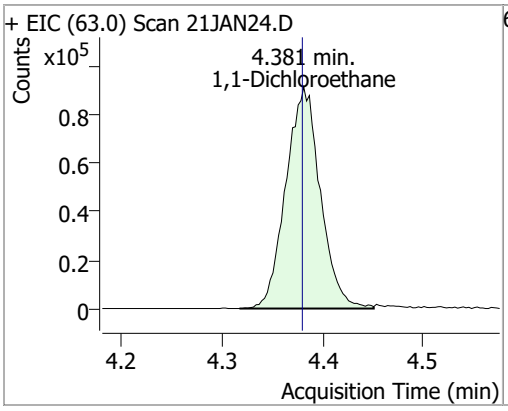
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	131.0689	3.76	0.00	142079	57.0	24.8	0.0	54.6

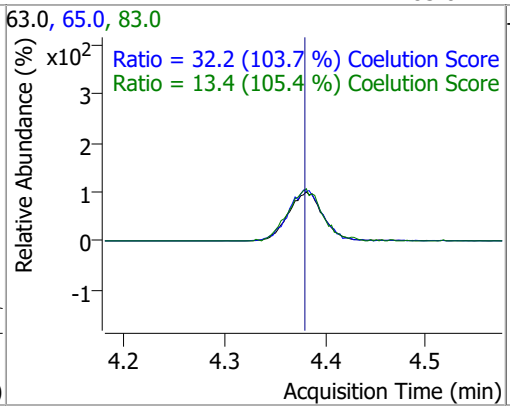


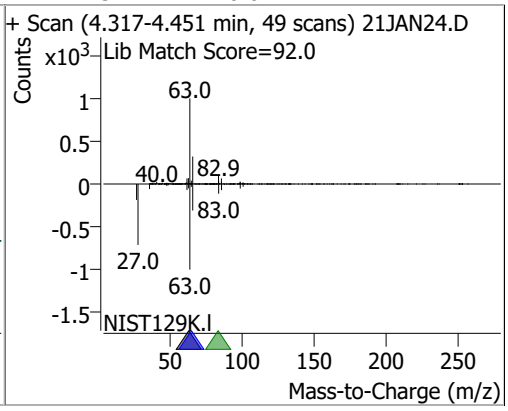




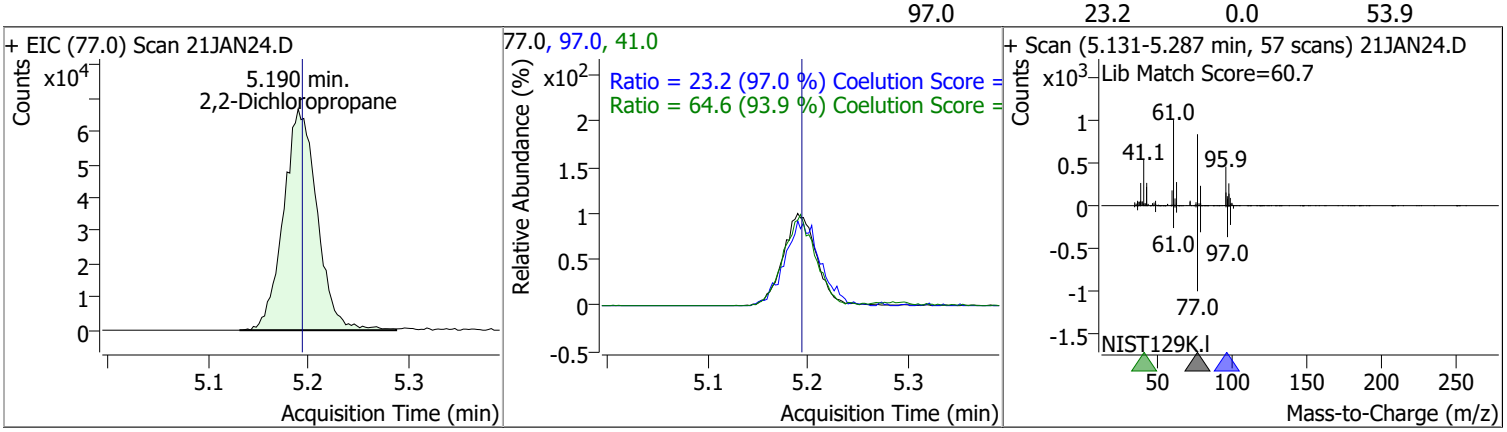
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	134.8026	4.38	0.00	218806	65.0	32.2	1.0	61.0
					83.0	13.4	0.0	42.7



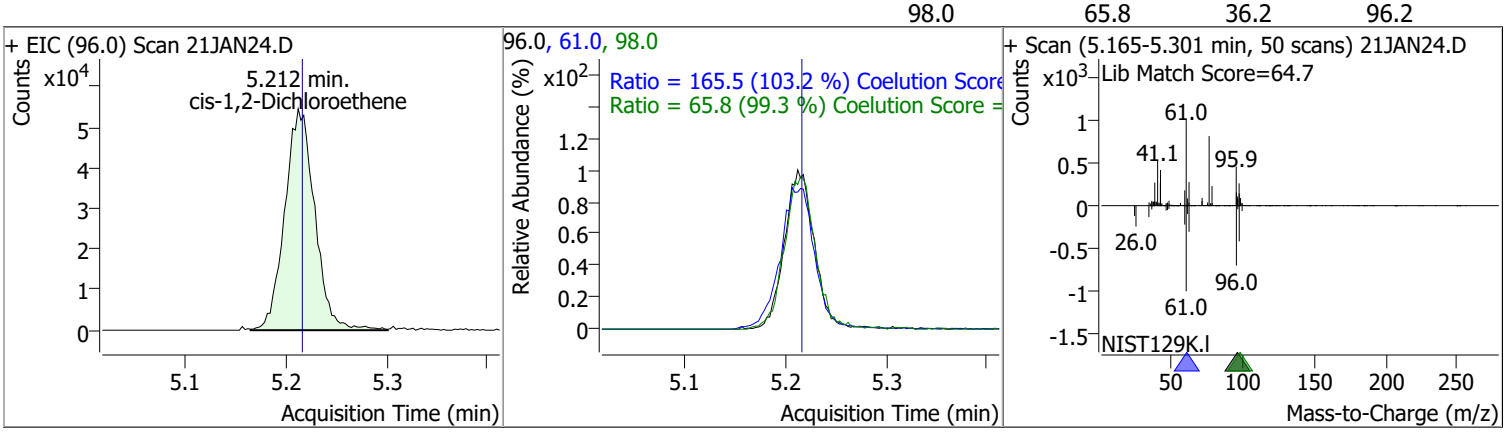




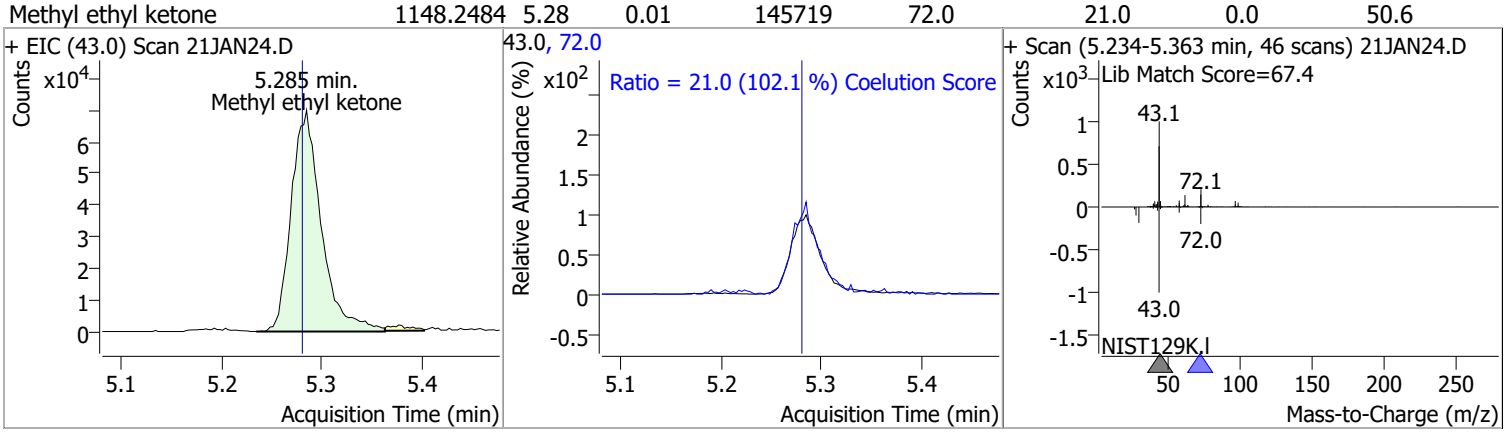
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	127.1305	5.19	0.00	155510	41.0	64.6	38.8	98.8
					97.0	23.2	0.0	53.9



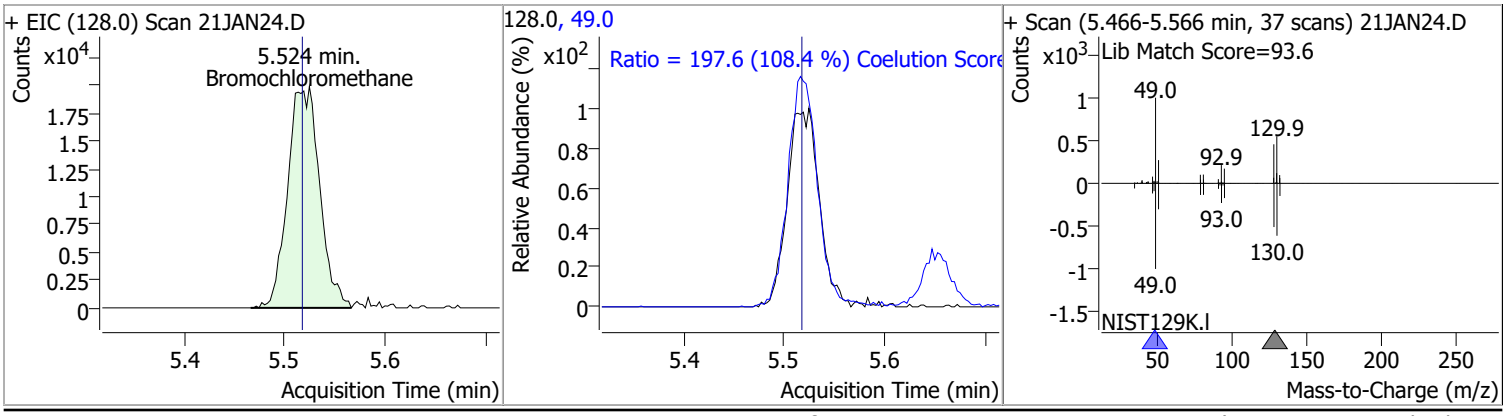
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	128.8985	5.21	0.00	113191	61.0	165.5	130.4	190.4
					98.0	65.8	36.2	96.2



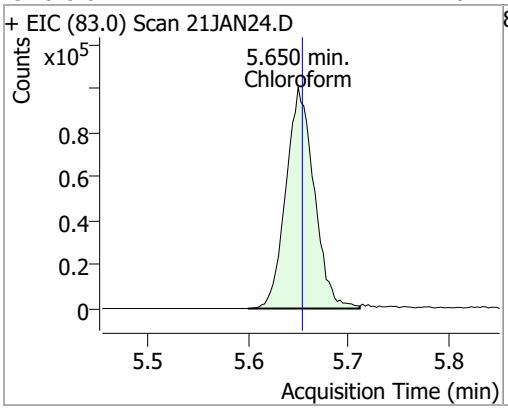
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1148.2484	5.28	0.01	145719	72.0	21.0	0.0	50.6

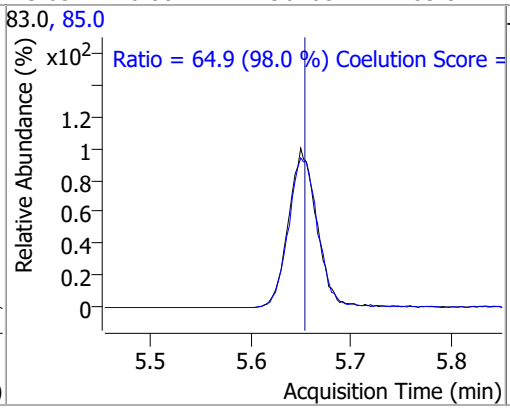


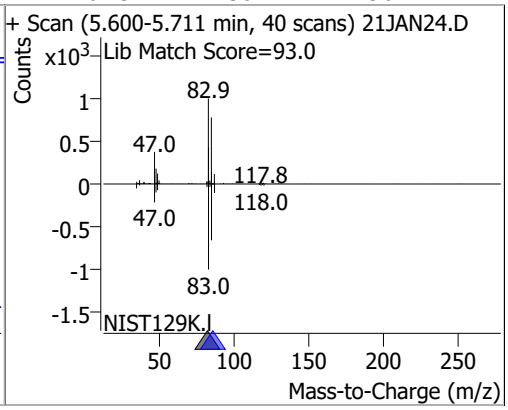
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	121.0995	5.52	0.01	43846	49.0	197.6	152.2	212.2



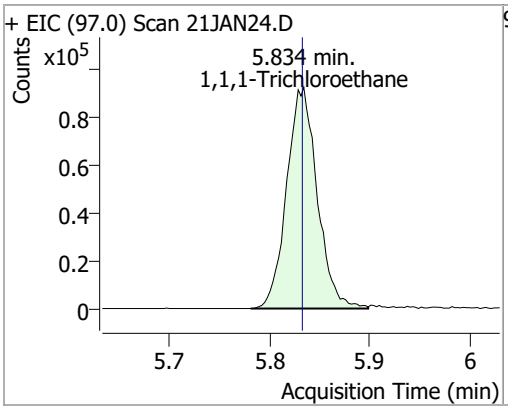
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	121.1021	5.65	0.00	196268	85.0	64.9	36.2	96.2

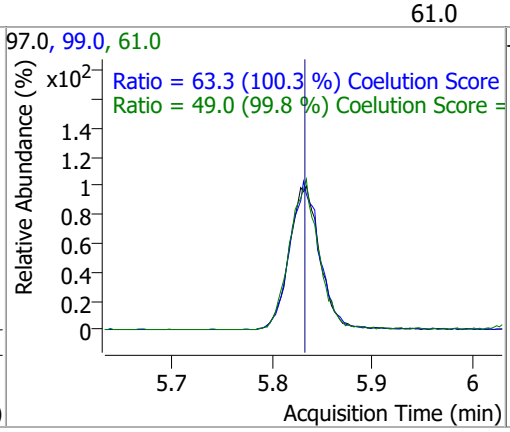


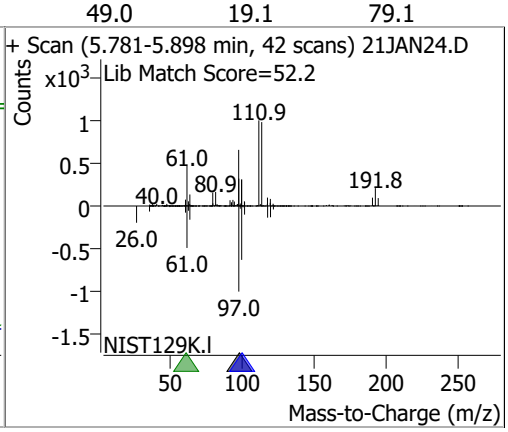




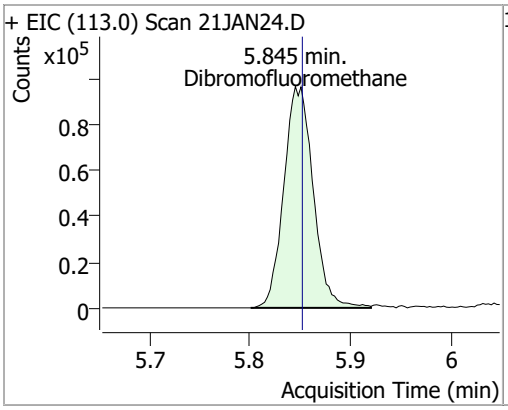
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	130.5546	5.83	0.00	195223	99.0	63.3	33.1	93.1
					61.0	49.0	19.1	79.1

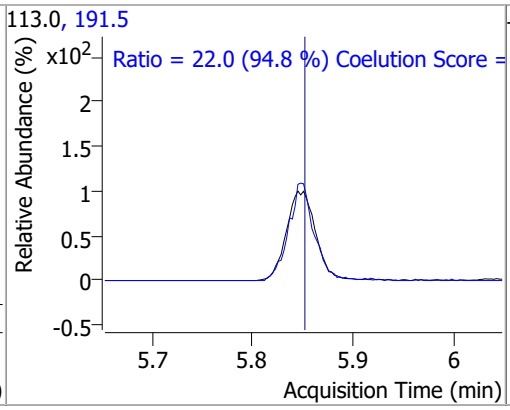


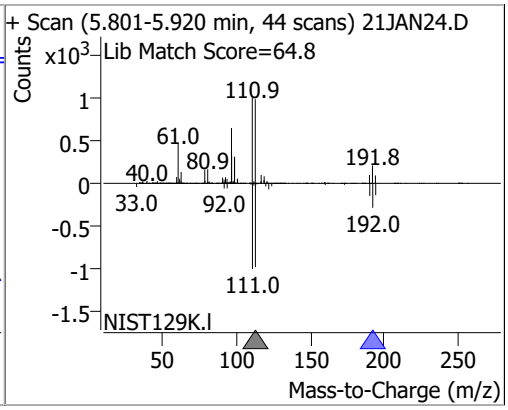




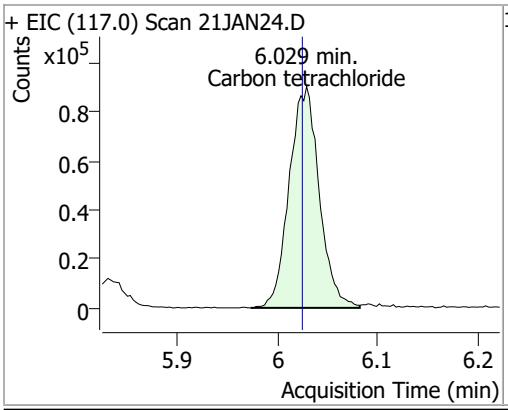
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	243.3661	5.85	-0.01	196831	191.5	22.0	0.0	53.2

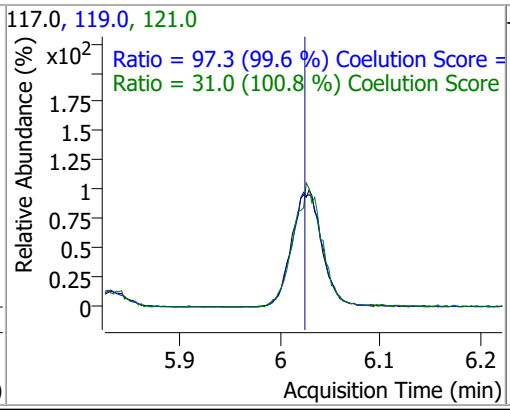


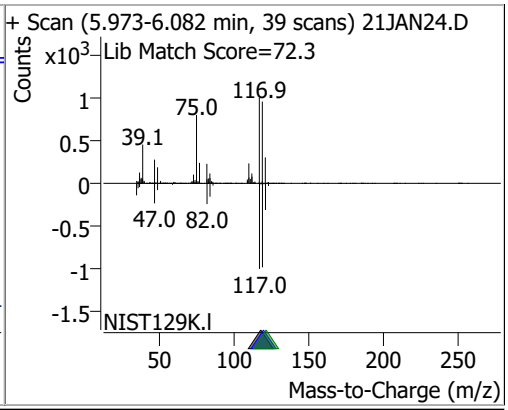




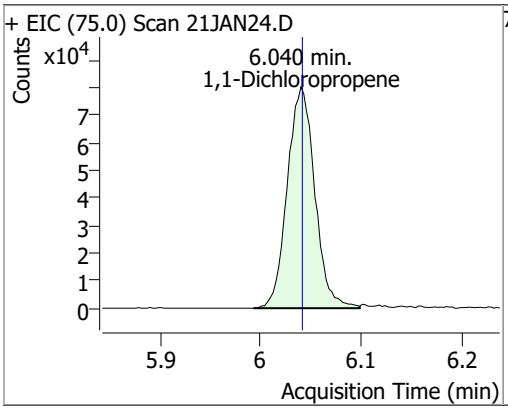
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	129.6918	6.03	0.01	188089	119.0	97.3	67.6	127.6
					121.0	31.0	0.7	60.7

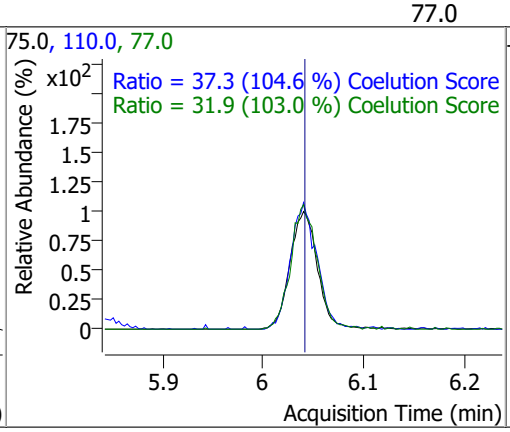


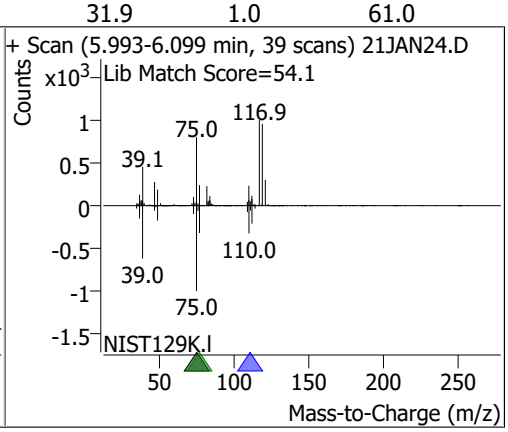




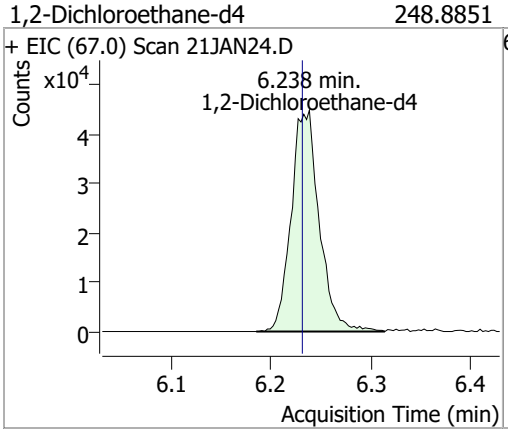
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	125.7575	6.04	0.00	152491	110.0	37.3	5.6	65.6
					77.0	31.9	1.0	61.0

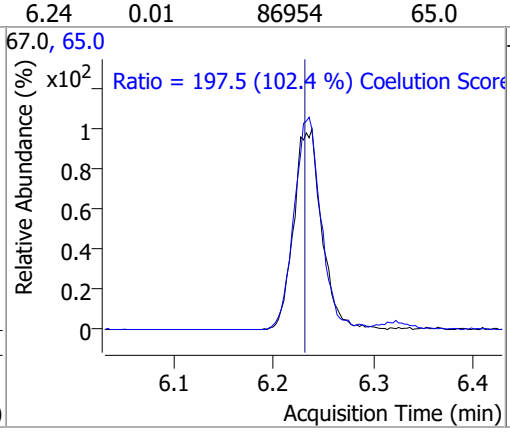


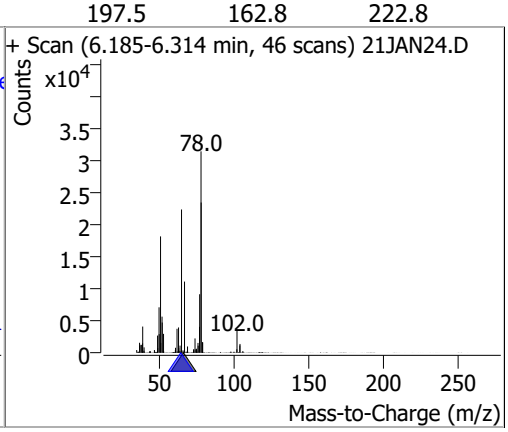




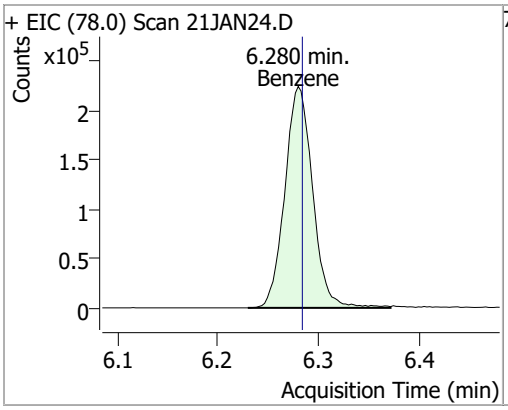
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	248.8851	6.24	0.01	86954	65.0	197.5	162.8	222.8

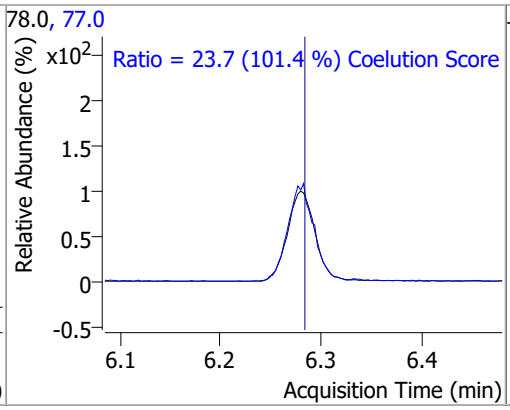


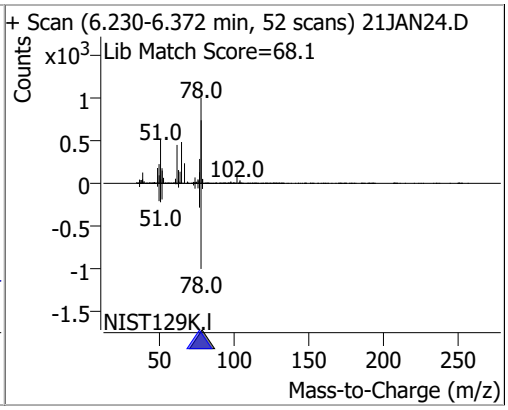




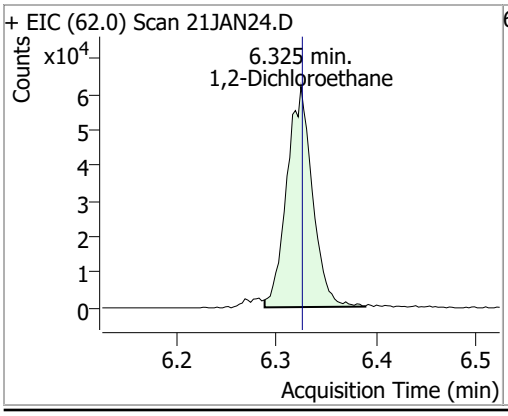
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	129.6165	6.28	0.00	432370	77.0	23.7	0.0	53.3

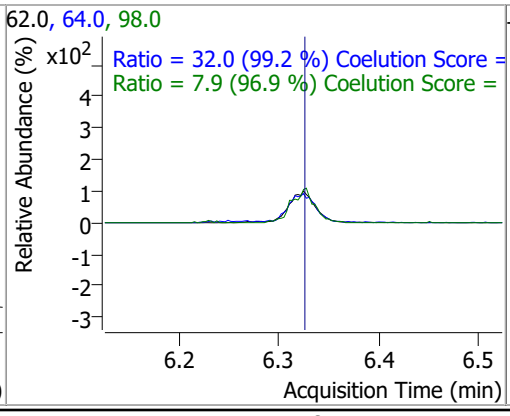


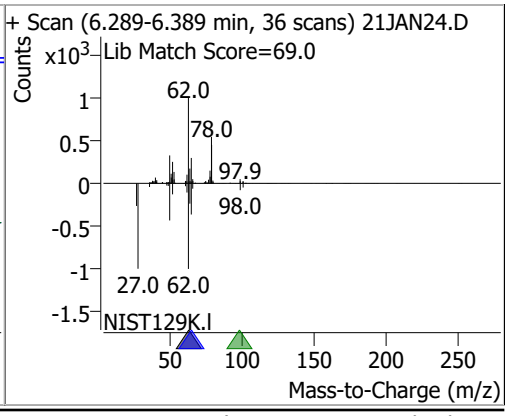




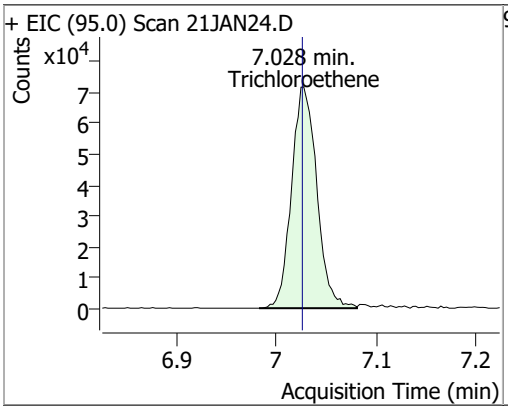
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	119.6625	6.32	0.00	110251	64.0	32.0	2.2	62.2
					98.0	7.9	0.0	38.2

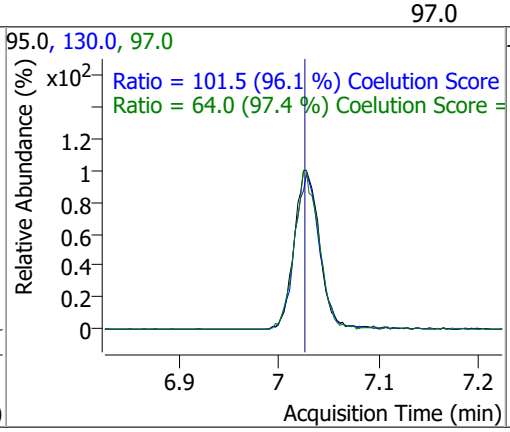


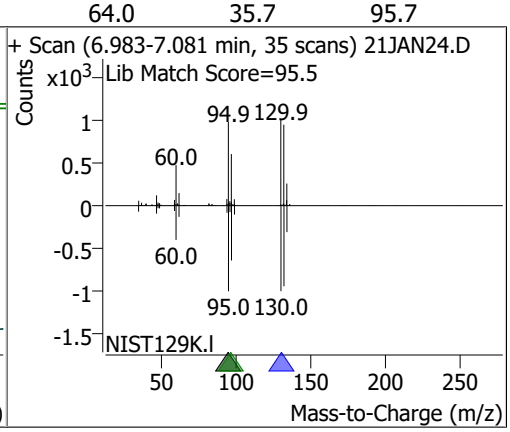




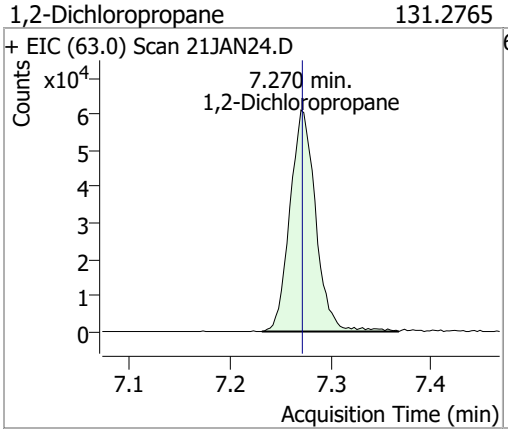
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	132.8738	7.03	0.00	125829	130.0	101.5	75.6	135.6
					97.0	64.0	35.7	95.7

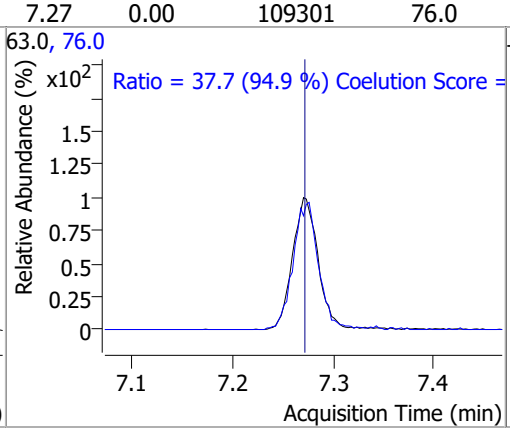


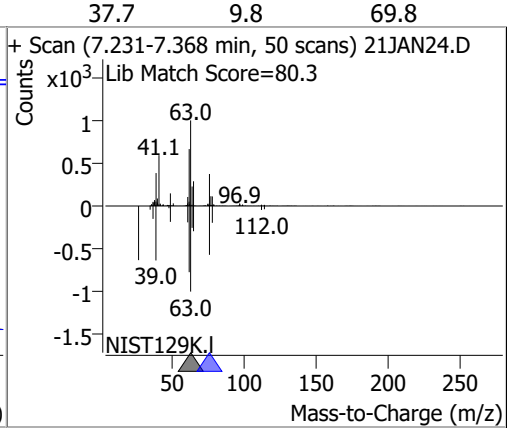




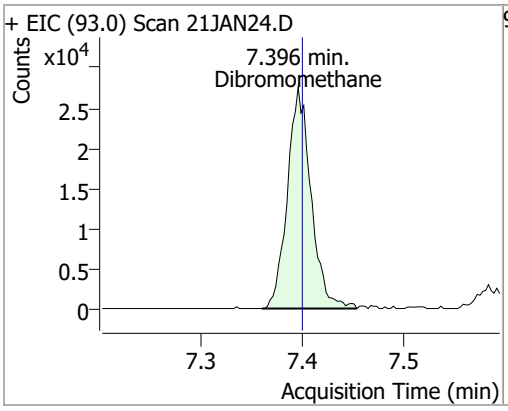
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	131.2765	7.27	0.00	109301	76.0	37.7	9.8	69.8

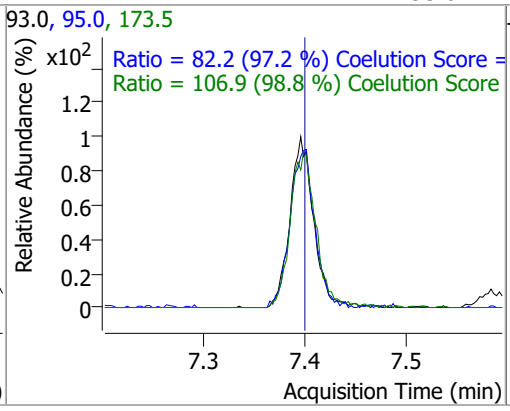


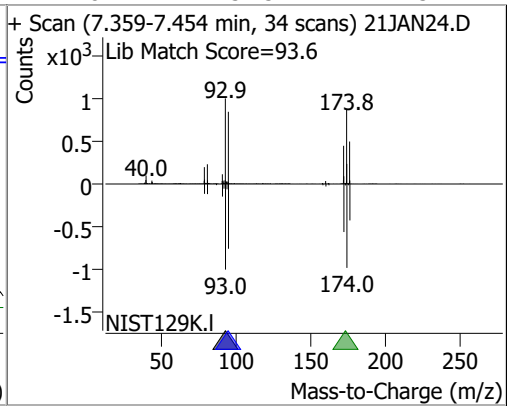




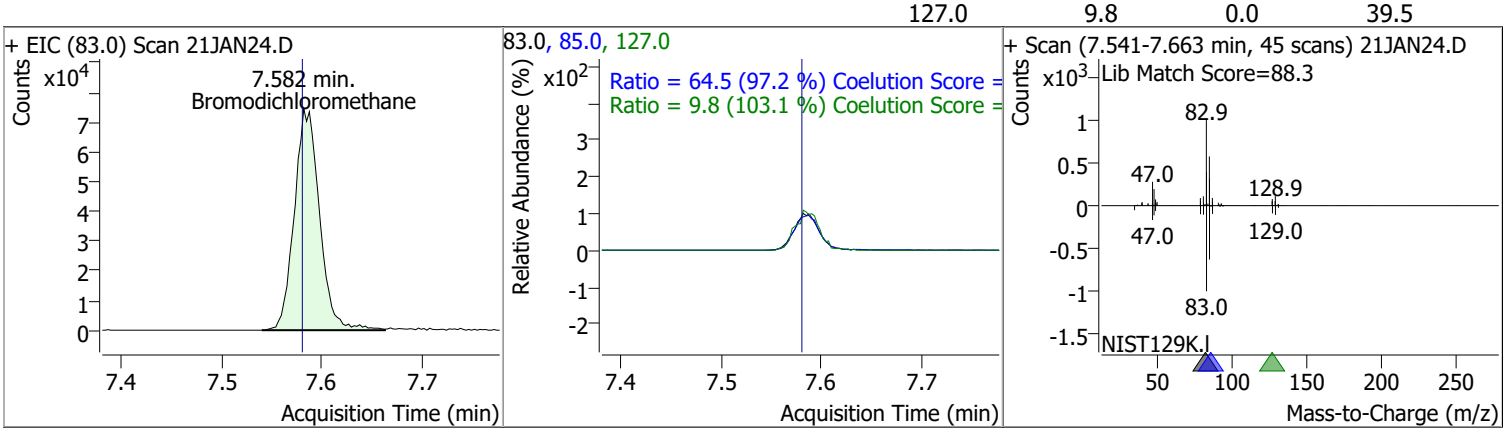
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	128.6071	7.40	0.00	45134	173.5	106.9	78.2	138.2
					95.0	82.2	54.5	114.5



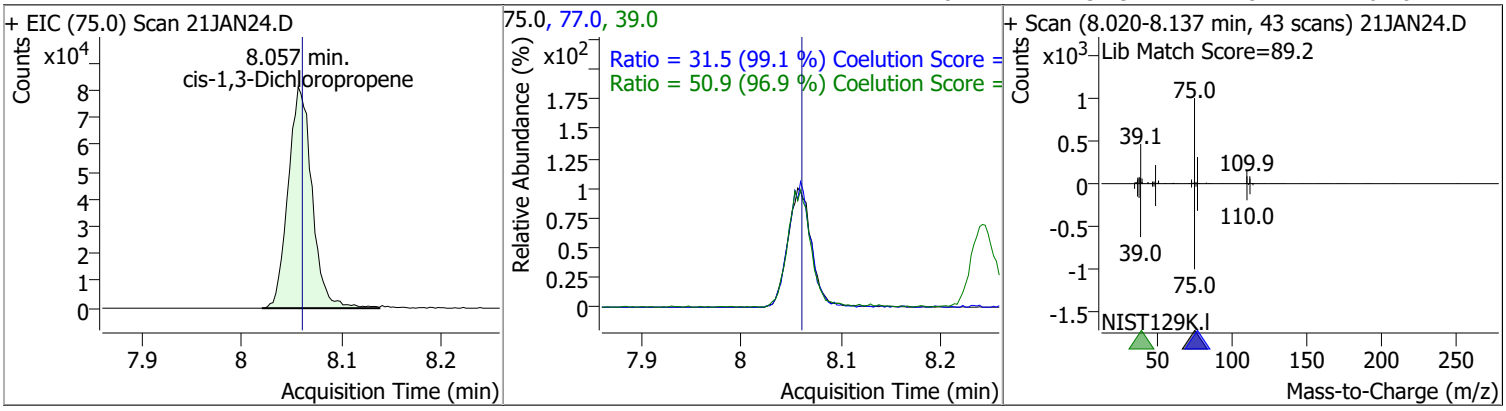




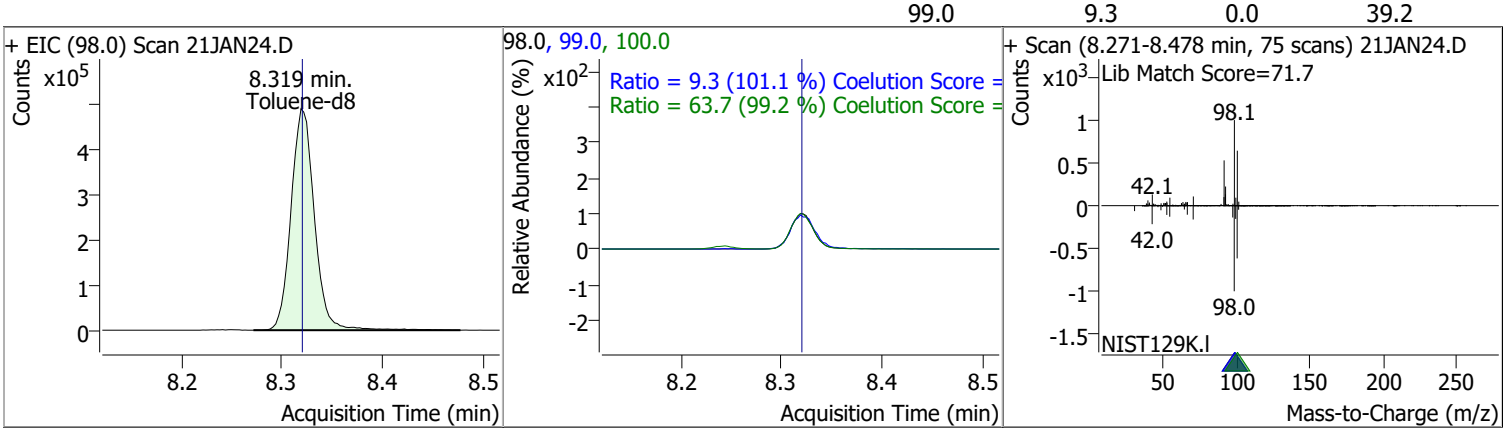
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	131.8727	7.58	0.00	130138	85.0	64.5	36.3	96.3
					127.0	9.8	0.0	39.5



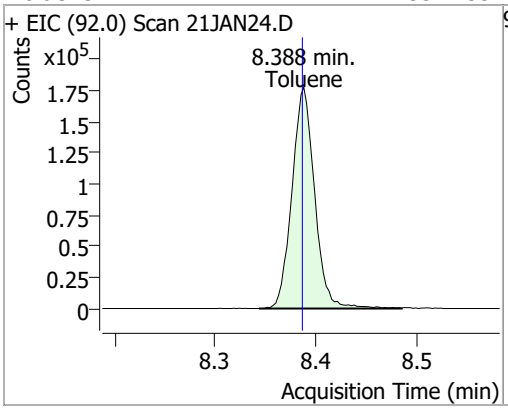
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	123.6840	8.06	0.00	133937	39.0	50.9	22.5	82.5
					77.0	31.5	1.8	61.8

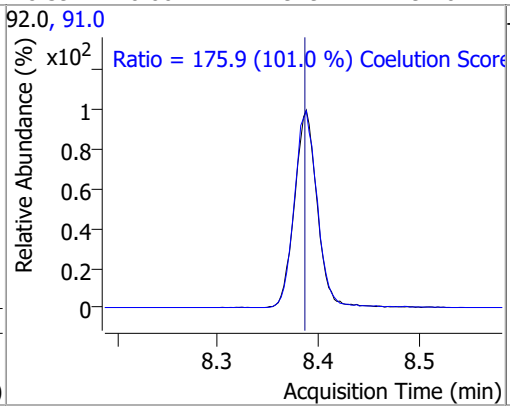


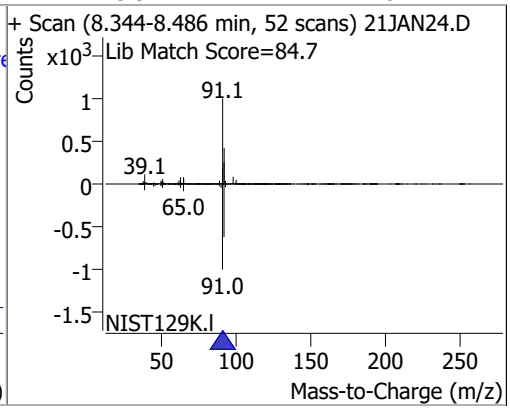
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	256.0214	8.32	0.00	790081	100.0	63.7	34.3	94.3
					99.0	9.3	0.0	39.2



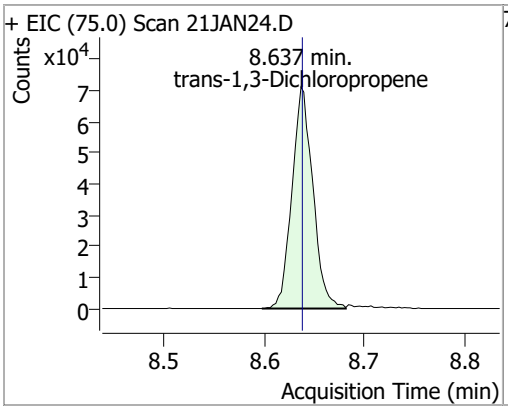
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	135.7299	8.39	0.00	279197	91.0	175.9	144.1	204.1

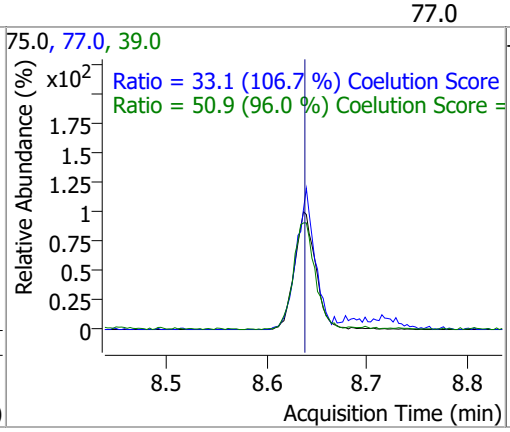


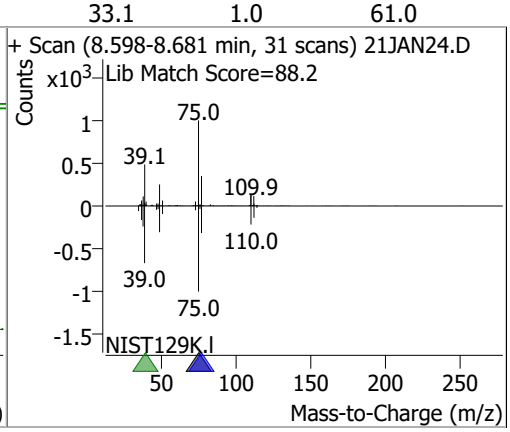




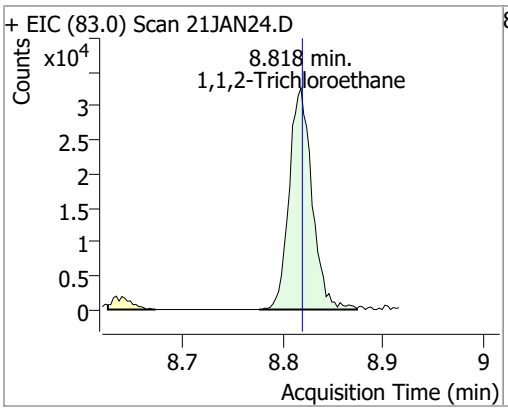
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	130.7154	8.64	0.00	103251	39.0	50.9	23.0	83.0
					77.0	33.1	1.0	61.0

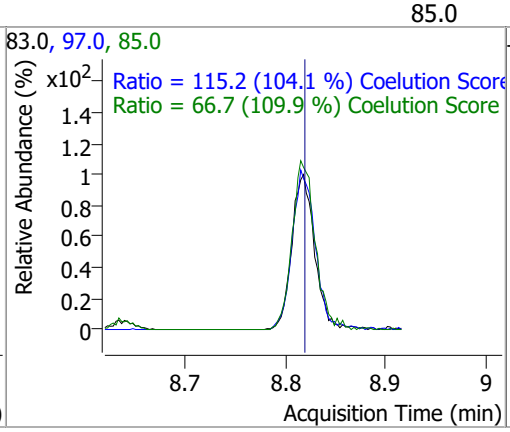


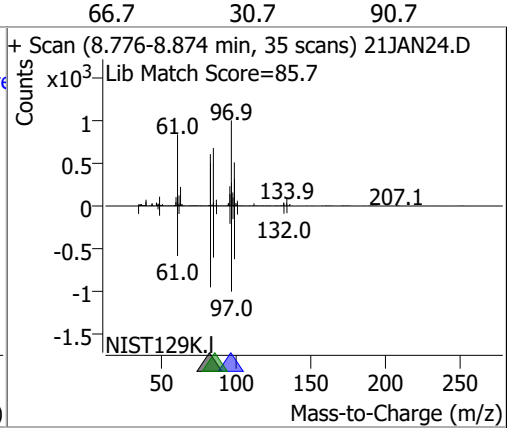




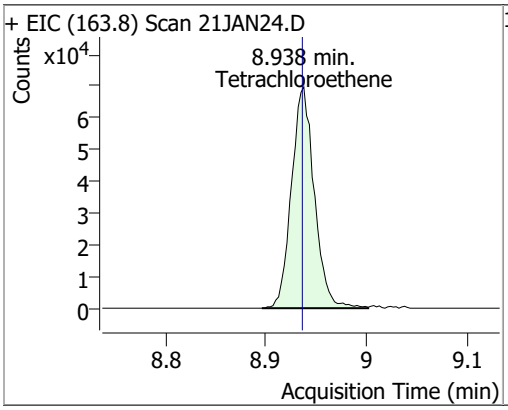
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	128.9513	8.82	0.00	51793	97.0	115.2	80.7	140.7
					85.0	66.7	30.7	90.7

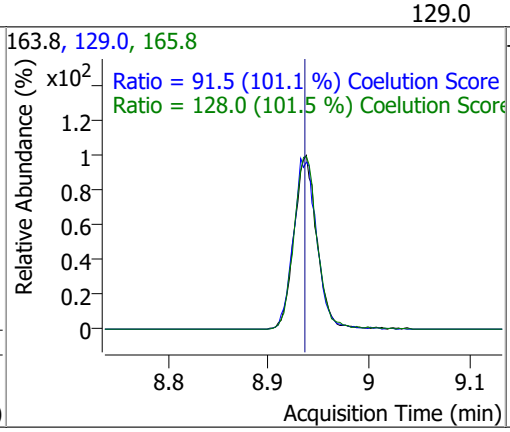


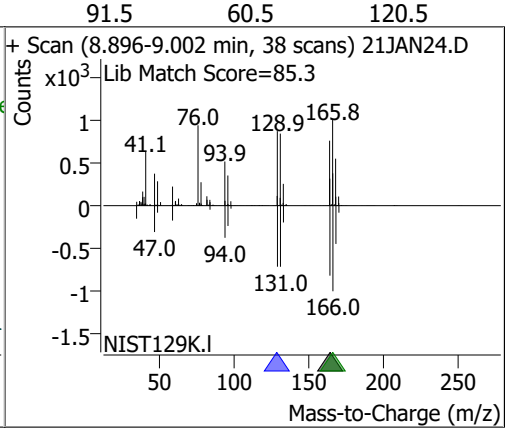




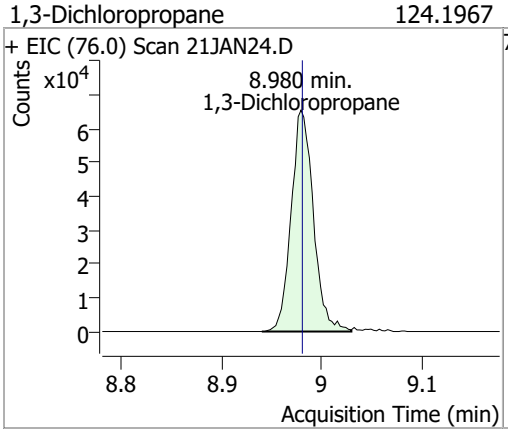
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	132.1180	8.94	0.00	110203	165.8	128.0	96.1	156.1
					129.0	91.5	60.5	120.5

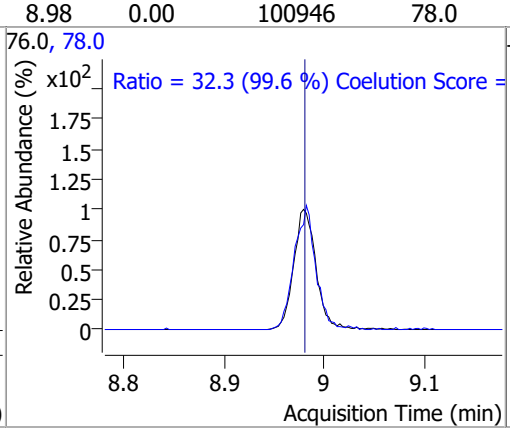


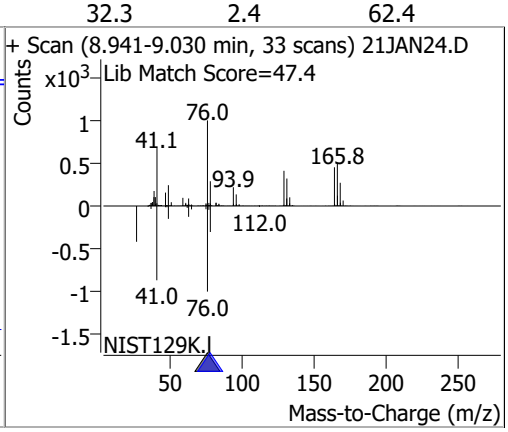




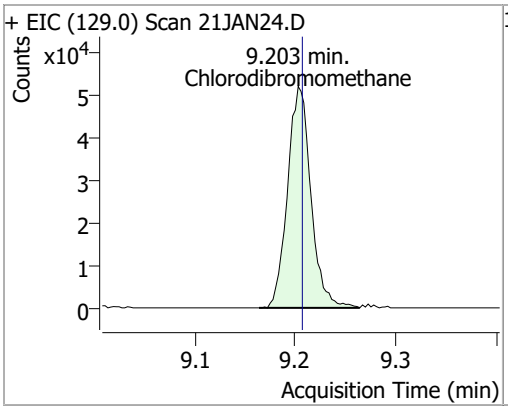
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	124.1967	8.98	0.00	100946	78.0	32.3	2.4	62.4

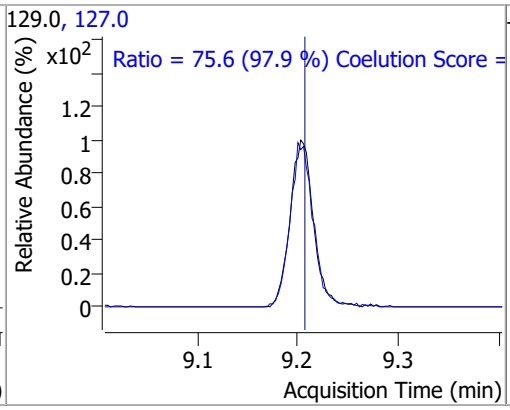


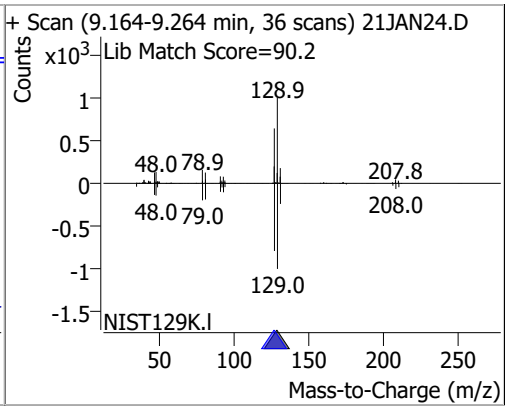




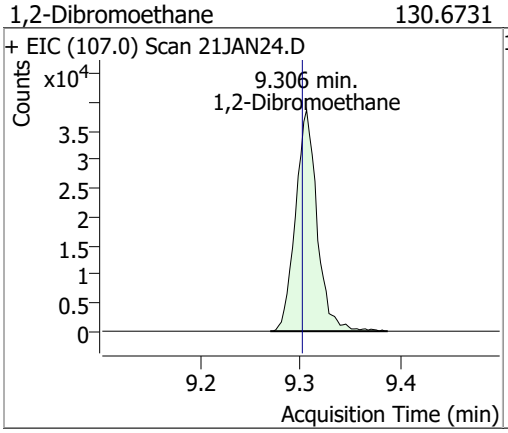
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	129.4839	9.20	0.00	83758	127.0	75.6	47.2	107.2

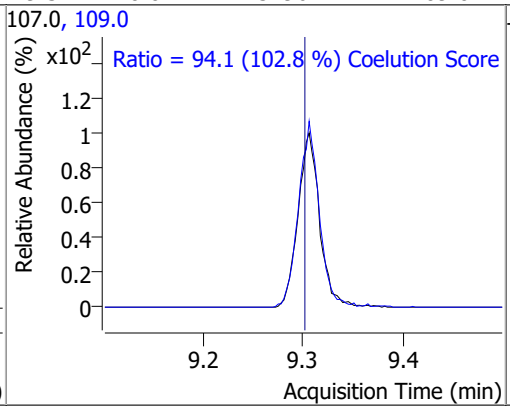


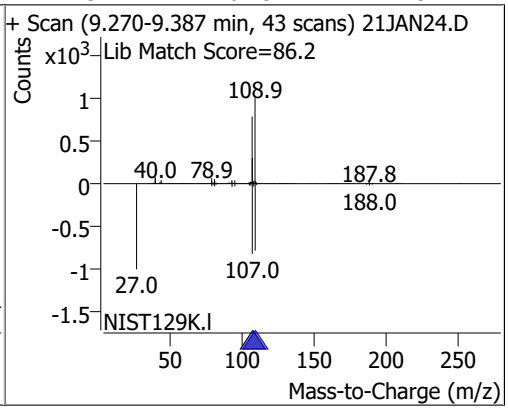




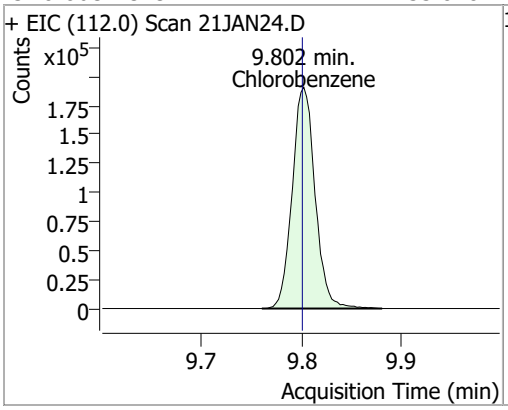
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	130.6731	9.31	0.01	57967	109.0	94.1	61.5	121.5

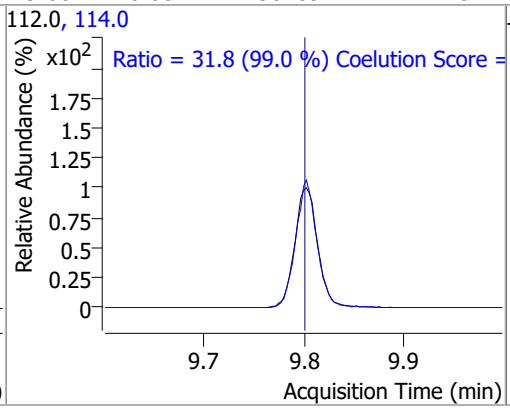


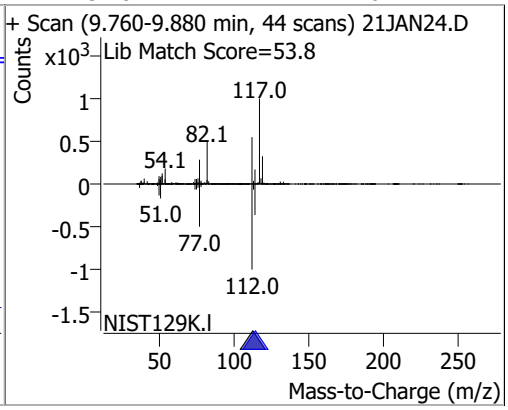




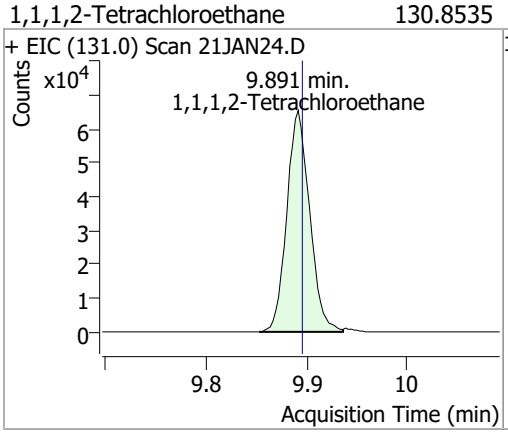
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	133.8781	9.80	0.00	301891	114.0	31.8	2.2	62.2

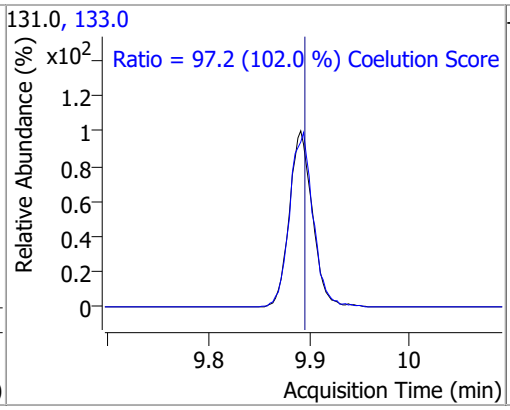


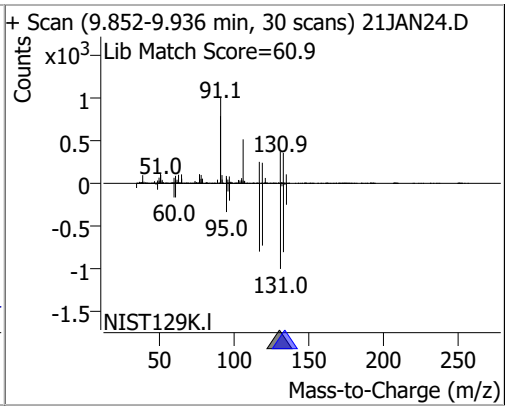




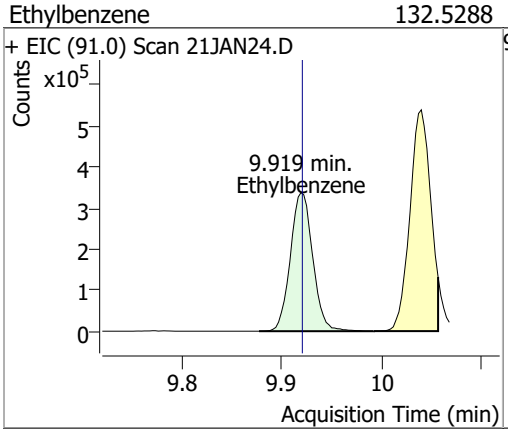
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	130.8535	9.89	0.00	103530	133.0	97.2	65.3	125.3

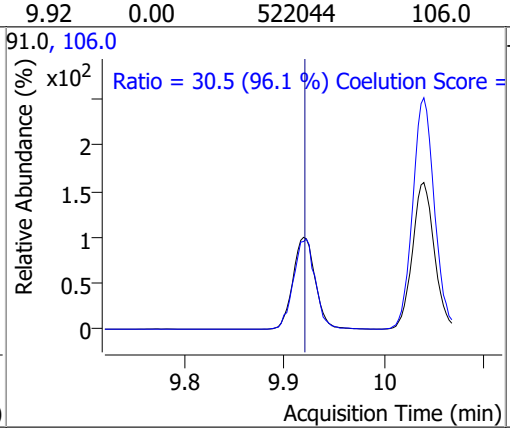


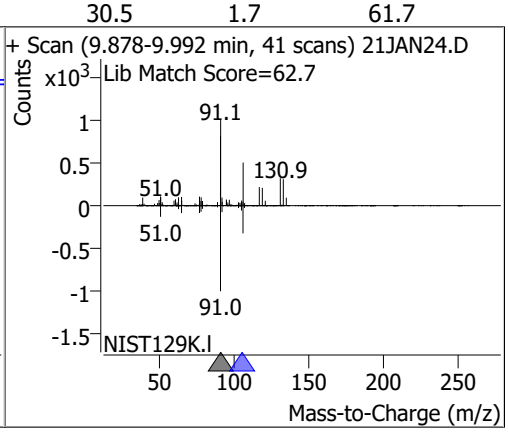




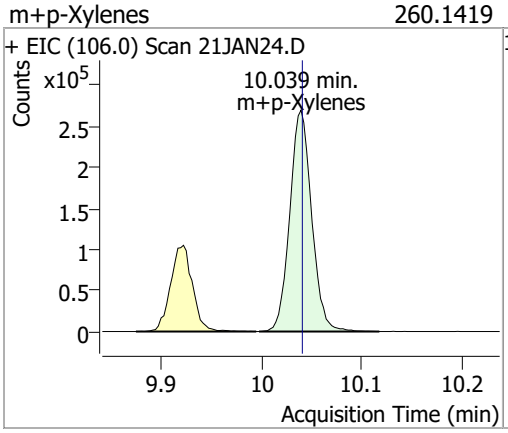
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	132.5288	9.92	0.00	522044	106.0	30.5	1.7	61.7

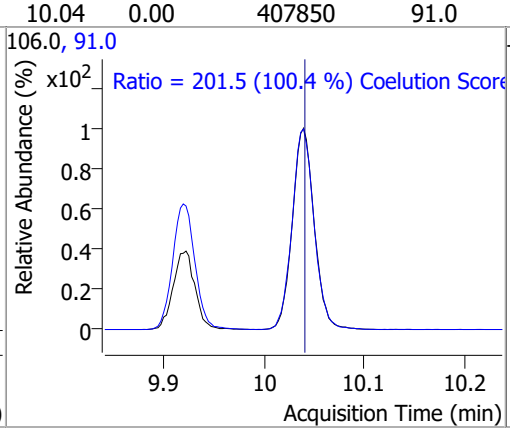


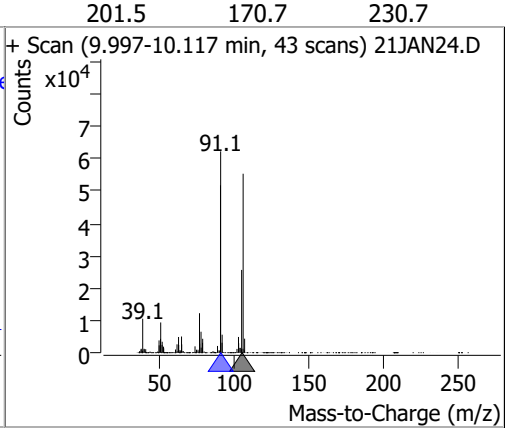




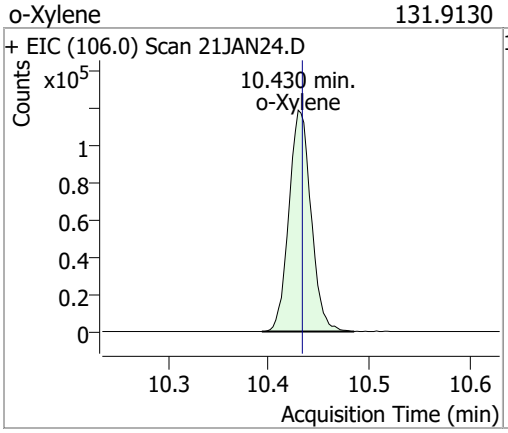
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	260.1419	10.04	0.00	407850	91.0	201.5	170.7	230.7

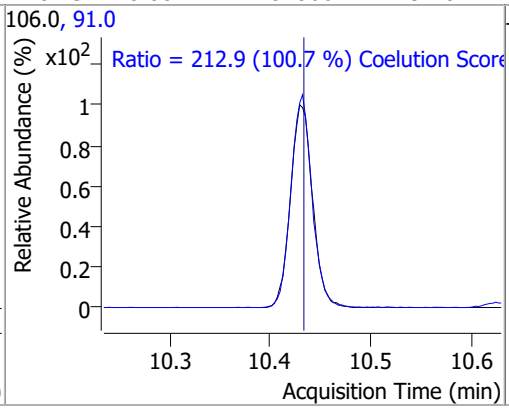


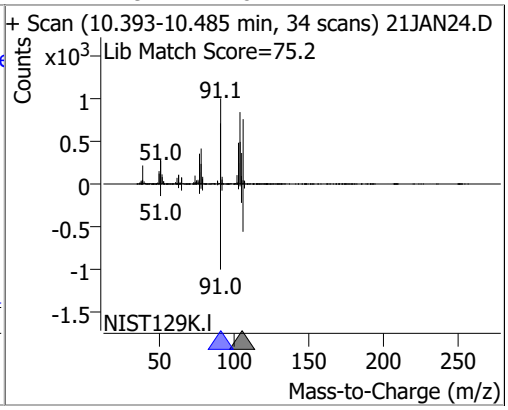




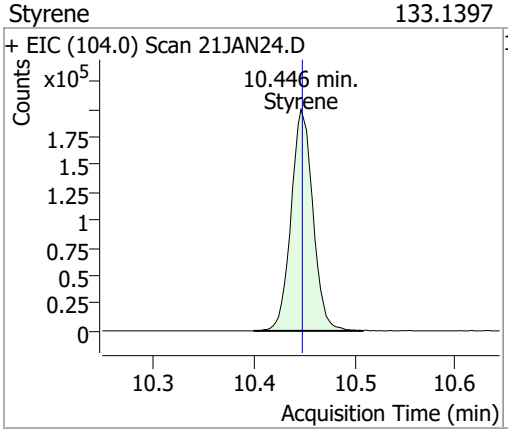
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	131.9130	10.43	0.00	181066	91.0	212.9	181.4	241.4

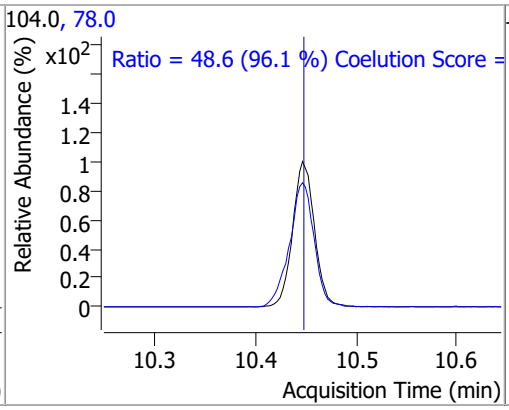


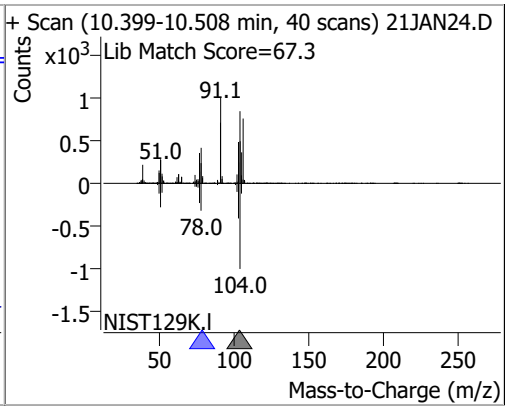




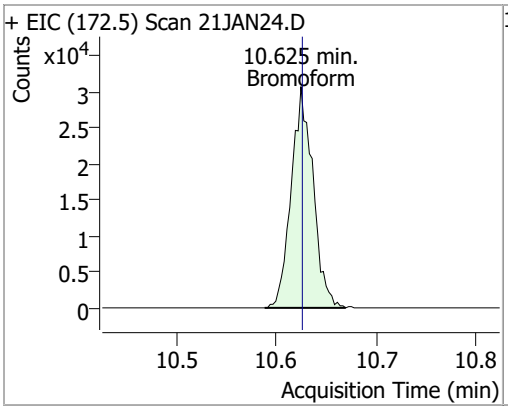
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	133.1397	10.45	0.00	302215	78.0	48.6	20.6	80.6

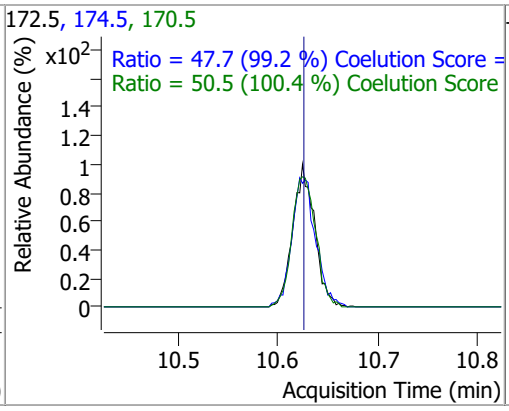


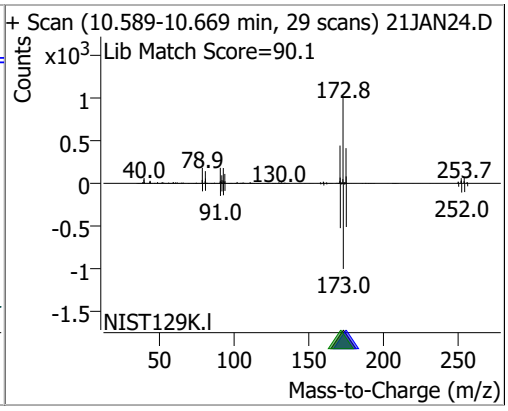




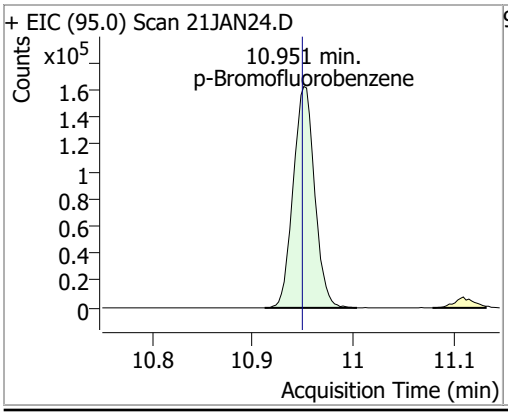
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	127.7783	10.62	0.00	46424	170.5	50.5	20.3	80.3
					174.5	47.7	18.1	78.1

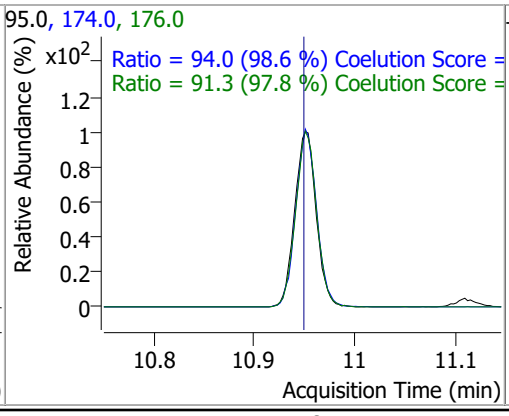


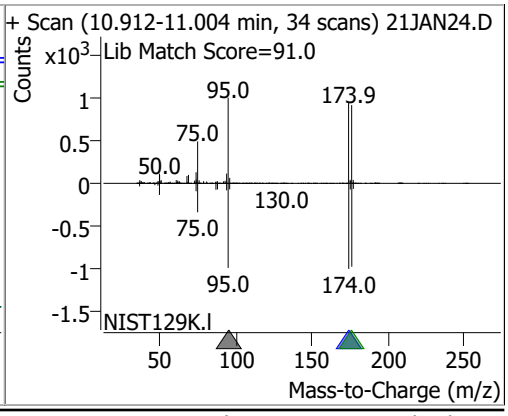




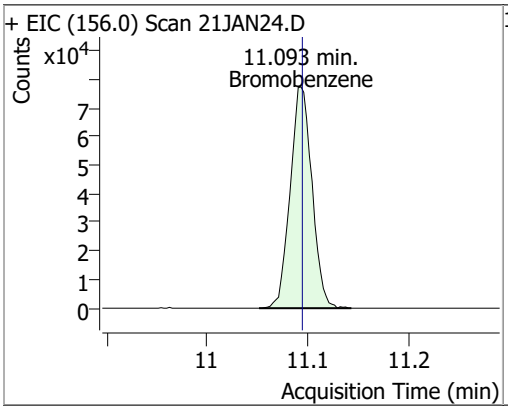
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	240.9805	10.95	0.00	241244	174.0	94.0	65.3	125.3
					176.0	91.3	63.3	123.3

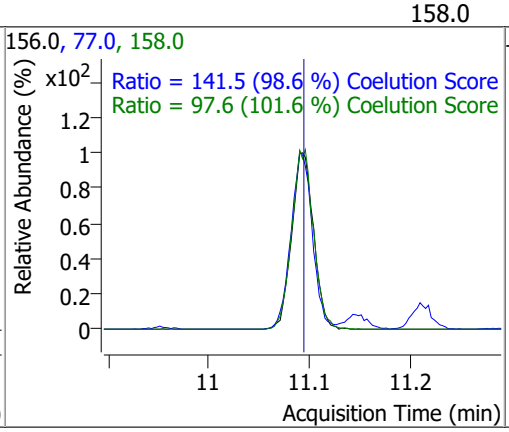


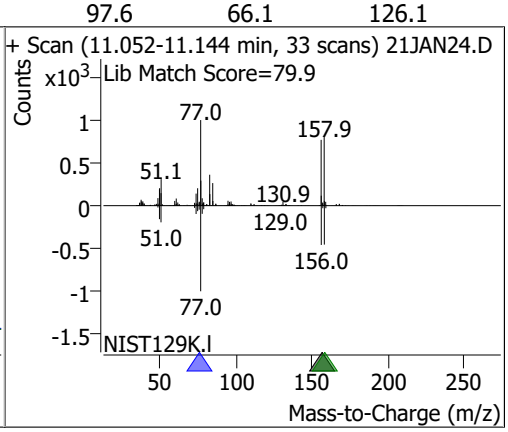




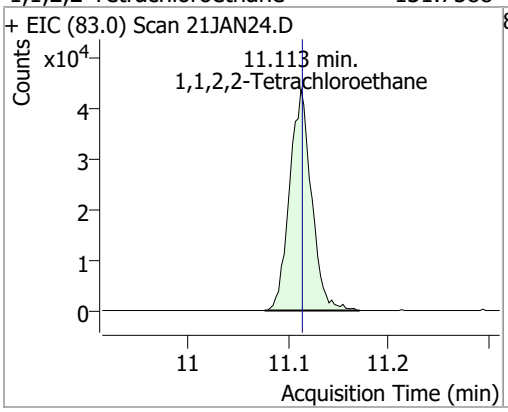
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	132.2748	11.09	0.00	116776	77.0	141.5	113.5	173.5
					158.0	97.6	66.1	126.1

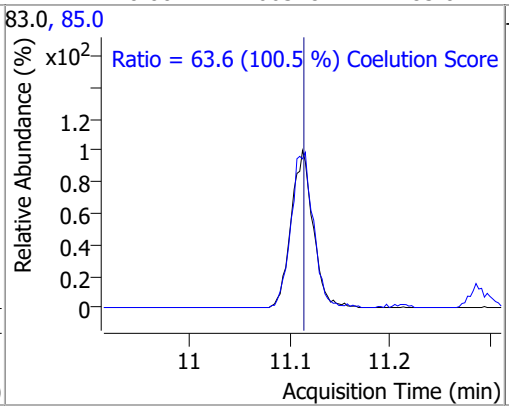


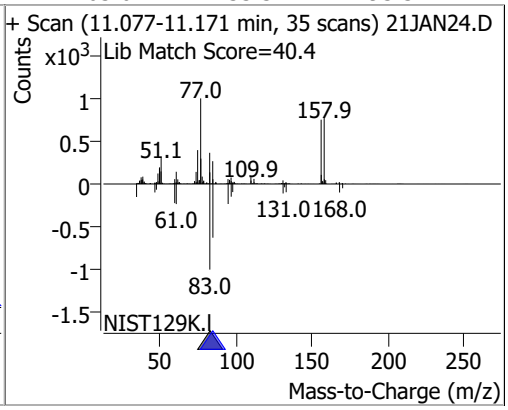




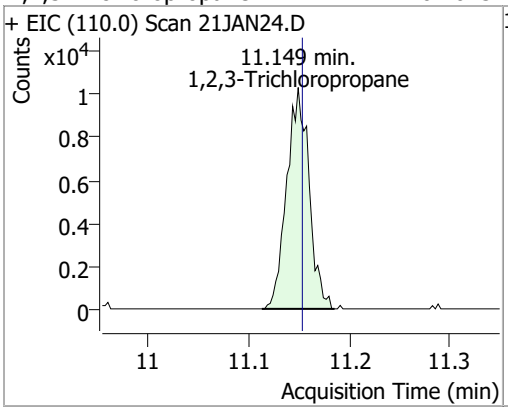
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	131.7588	11.11	0.00	66348	85.0	63.6	33.3	93.3

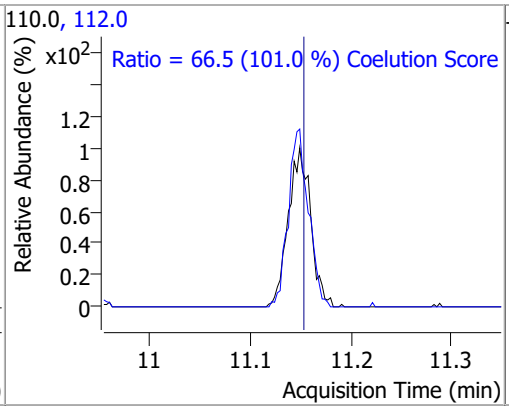


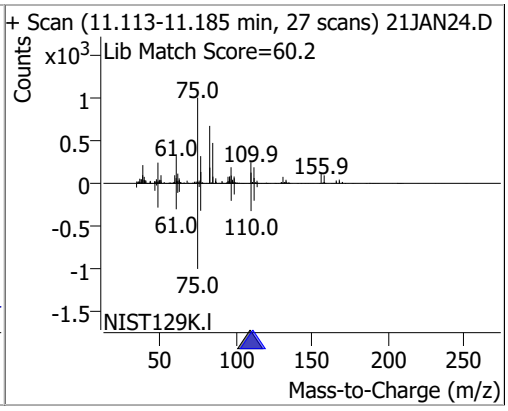




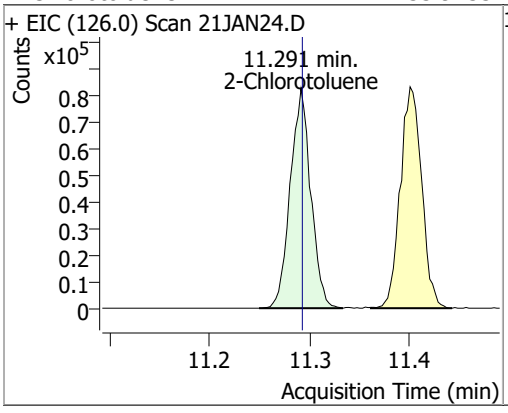
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	120.7013	11.15	0.00	15969	112.0	66.5	35.8	95.8

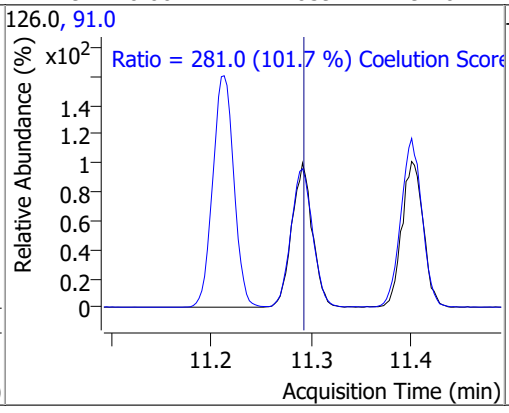


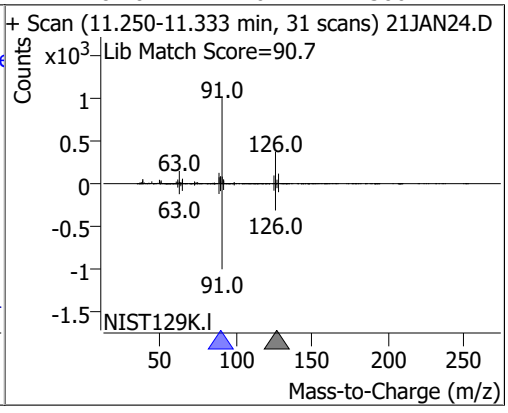




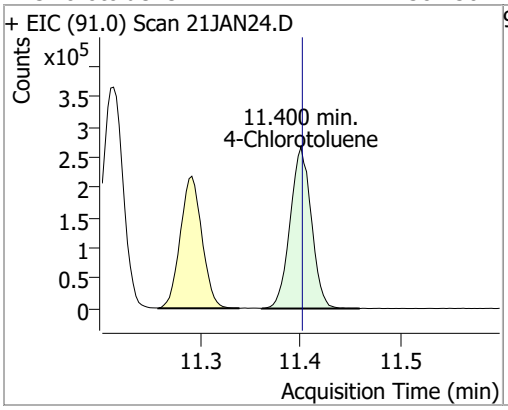
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	133.9733	11.29	0.00	117059	91.0	281.0	246.2	306.2

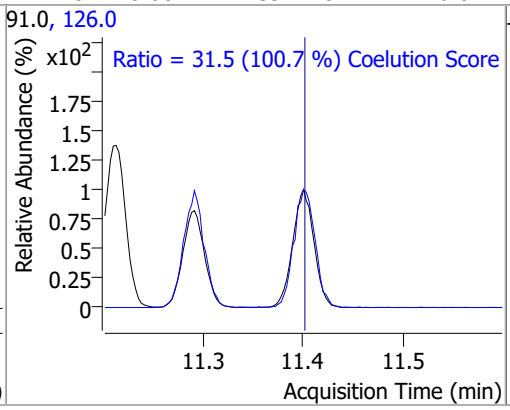


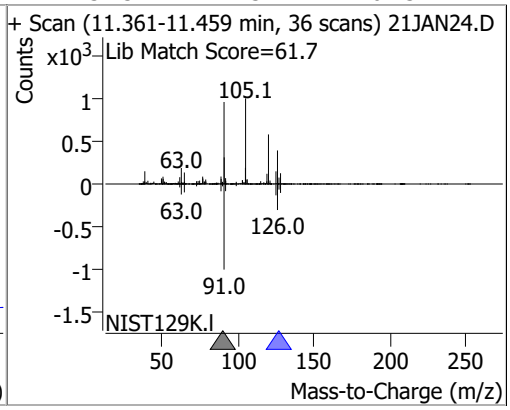




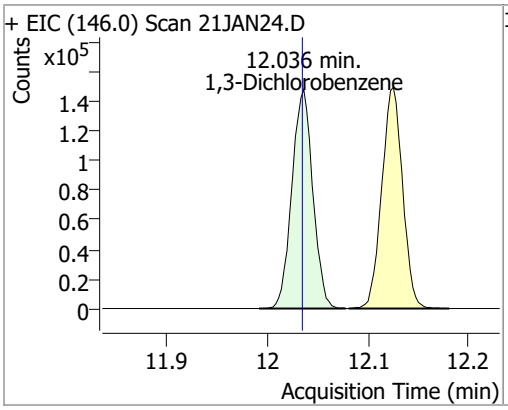
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	138.2504	11.40	0.00	391248	126.0	31.5	1.3	61.3

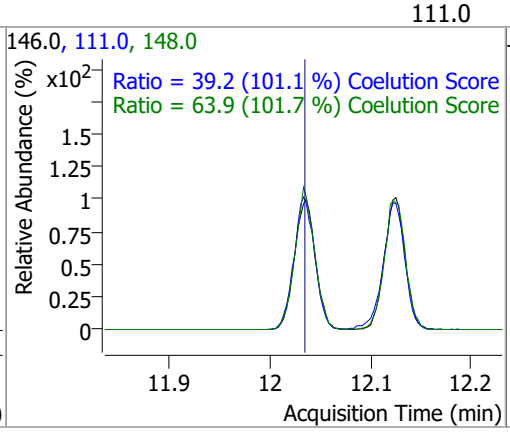


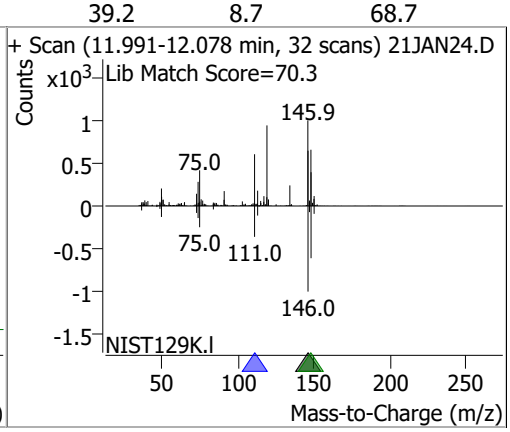




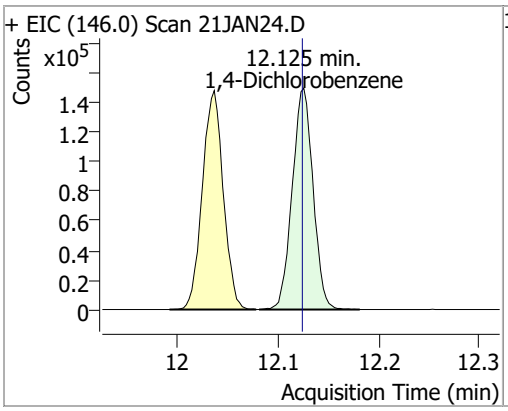
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	134.1387	12.04	0.00	214557	148.0	63.9	32.8	92.8
					111.0	39.2	8.7	68.7

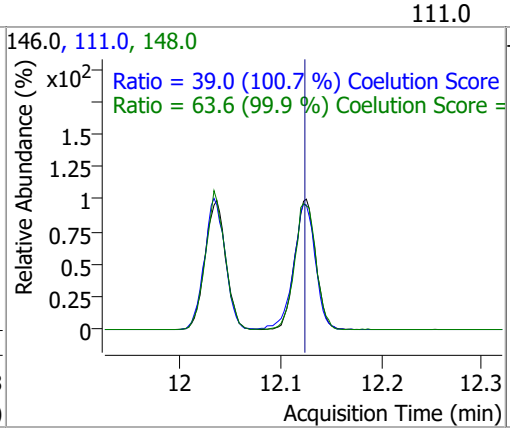


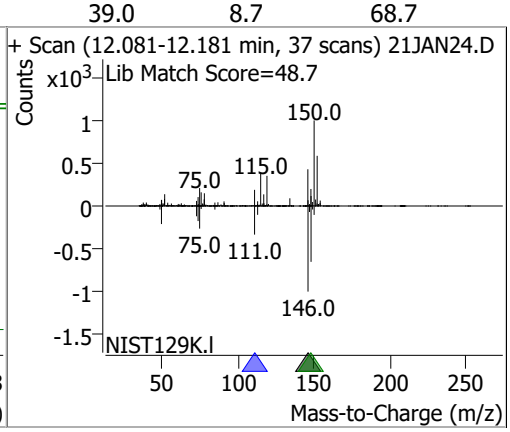




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	132.4149	12.13	0.00	215926	148.0	63.6	33.7	93.7
					111.0	39.0	8.7	68.7

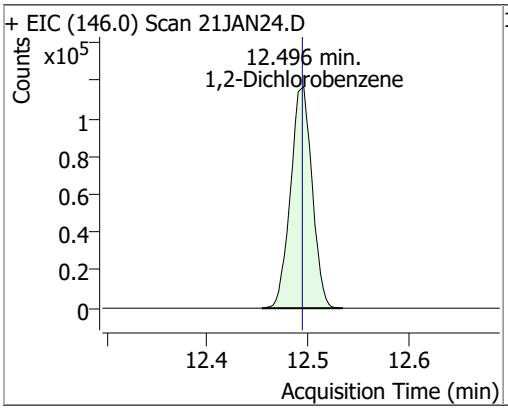


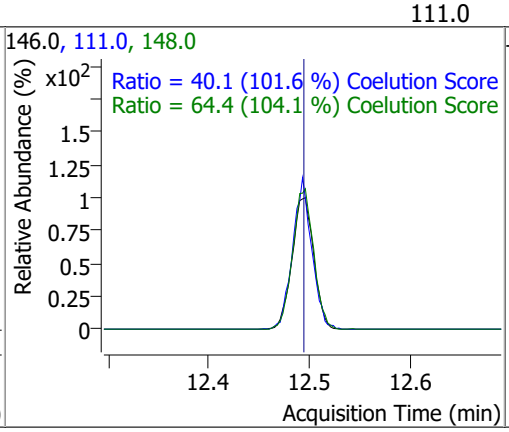


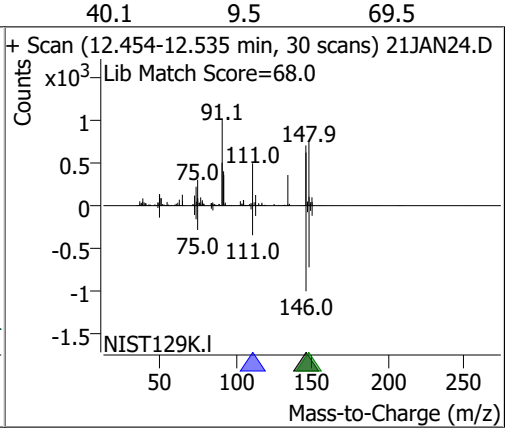


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	130.6231	12.50	0.00	174435	148.0	64.4	31.9	91.9
					111.0	40.1	9.5	69.5







Quantitation Results Report (QT Reviewed)

Data File	21JAN25.D	Operator	MSC
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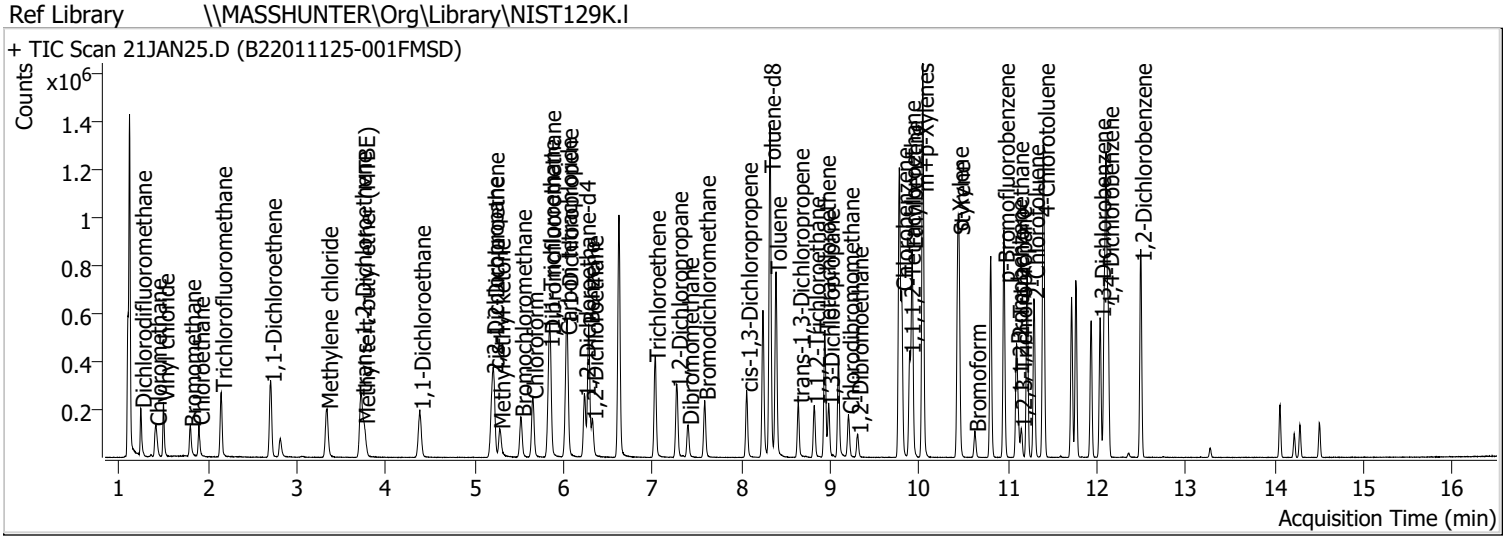
Vial	25	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

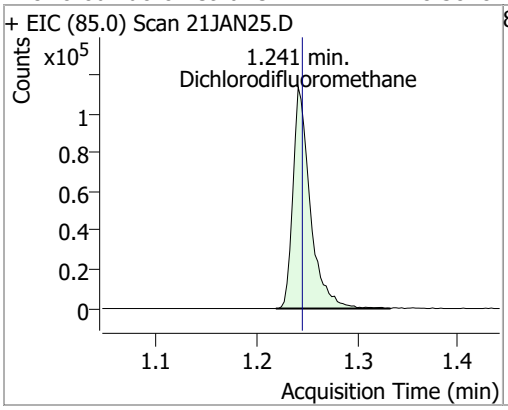


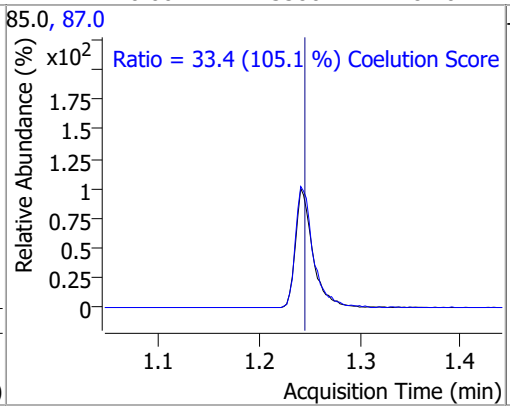
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	853132	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	328676	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	271702	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	212253	256.8627	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 102.75%		
S 1,2-Dichloroethane-d4	6.238	67.0	93588	262.1864	ng	0.008
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 104.87%		
S Toluene-d8	8.319	98.0	850474	265.2302	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.09%		
S p-Bromofluorobenzene	10.951	95.0	260197	259.3704	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.75%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	1.241	85.0	135801	118.3818	ng	97
T Chloromethane	1.411	50.0	161772	119.7813	ng	99
T Vinyl chloride	1.498	62.0	158640	129.0459	ng	98
T Bromomethane	1.796	96.0	64580	121.3466	ng	99
T Chloroethane	1.897	64.0	78039	134.1764	ng	99
T Trichlorofluoromethane	2.147	101.0	186070	126.2230	ng	99
T 1,1-Dichloroethene	2.705	96.0	115037	134.1148	ng	99
T Methylene chloride	3.338	49.0	154942	124.2421	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	117833	132.9792	ng	98
T Methyl tert-butyl ether (MTBE)	3.757	73.0	142275	128.4633	ng	100
T 1,1-Dichloroethane	4.381	63.0	224350	135.2838	ng	98
T 2,2-Dichloropropane	5.198	77.0	158175	126.5640	ng	98
T cis-1,2-Dichloroethene	5.209	96.0	117471	130.9324	ng	99
T Methyl ethyl ketone	5.279	43.0	166000	1280.2902	ng	98
T Bromochloromethane	5.519	128.0	47278	127.8063	ng	98
T Chloroform	5.650	83.0	199050	120.2113	ng	99

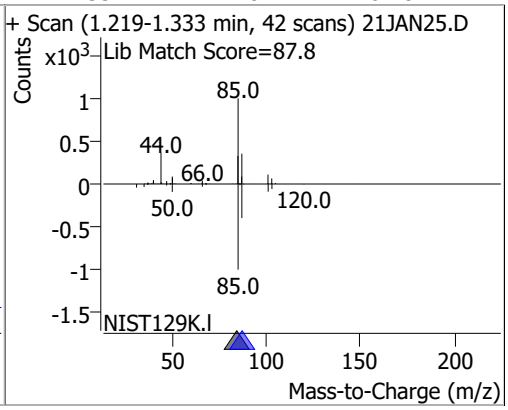
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	202759	132.7156	ng	99
T Carbon tetrachloride	6.026	117.0	199370	134.5518	ng	100
T 1,1-Dichloropropene	6.040	75.0	160884	129.8623	ng	99
T Benzene	6.280	78.0	454702	133.4173	ng	100
T 1,2-Dichloroethane	6.325	62.0	114914	122.0757	ng	96
T Trichloroethene	7.025	95.0	130028	132.1457	ng	98
T 1,2-Dichloropropane	7.276	63.0	109768	126.8808	ng	100
T Dibromomethane	7.398	93.0	46923	128.6780	ng	97
T Bromodichloromethane	7.585	83.0	135503	132.1469	ng	96
T cis-1,3-Dichloropropene	8.059	75.0	131408	116.7864	ng	96
T Toluene	8.386	92.0	288889	135.1616	ng	100
T trans-1,3-Dichloropropene	8.639	75.0	106216	129.4135	ng	96
T 1,1,2-Trichloroethane	8.818	83.0	53326	127.7764	ng	96
T Tetrachloroethene	8.935	163.8	115667	133.4551	ng	98
T 1,3-Dichloropropane	8.982	76.0	103613	122.6853	ng	100
T Chlorodibromomethane	9.203	129.0	85952	127.8800	ng	98
T 1,2-Dibromoethane	9.306	107.0	58186	126.2354	ng	94
T Chlorobenzene	9.802	112.0	315649	134.7166	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	105261	128.0395	ng	98
T Ethylbenzene	9.919	91.0	538975	131.7157	ng	100
T m+p-Xylenes	10.039	106.0	423602	260.0347	ng	99
T o-Xylene	10.433	106.0	188090	131.8799	ng	98
T Styrene	10.446	104.0	311547	132.1286	ng	98
T Bromoform	10.628	172.5	45757	125.6796	ng	98
T Bromobenzene	11.093	156.0	119157	134.6901	ng	99
T 1,1,2,2-Tetrachloroethane	11.110	83.0	67124	133.0216	ng	100
T 1,2,3-Trichloropropane	11.146	110.0	17617	132.8798	ng	90
T 2-Chlorotoluene	11.289	126.0	120670	137.8179	ng	97
T 4-Chlorotoluene	11.400	91.0	397370	140.1207	ng	98
T 1,3-Dichlorobenzene	12.033	146.0	220089	137.3101	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	218356	133.6257	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	179948	134.4702	ng	99

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

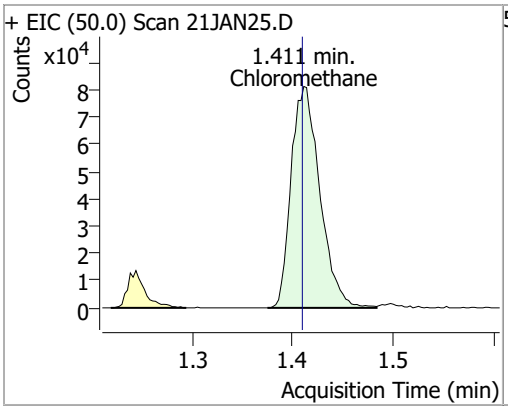
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	118.3818	1.24	0.00	135801	87.0	33.4	1.8	61.8

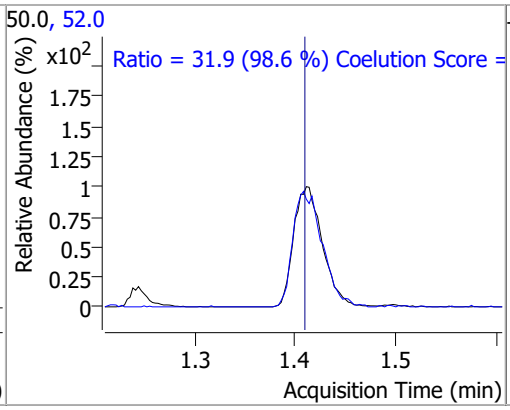


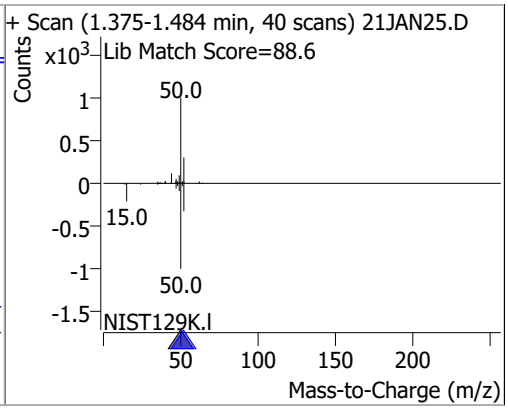




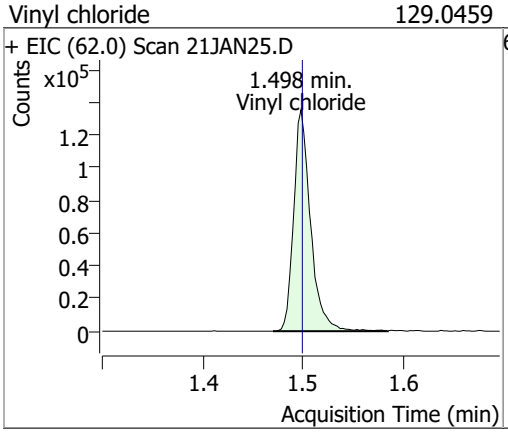
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	119.7813	1.41	0.00	161772	52.0	31.9	2.4	62.4

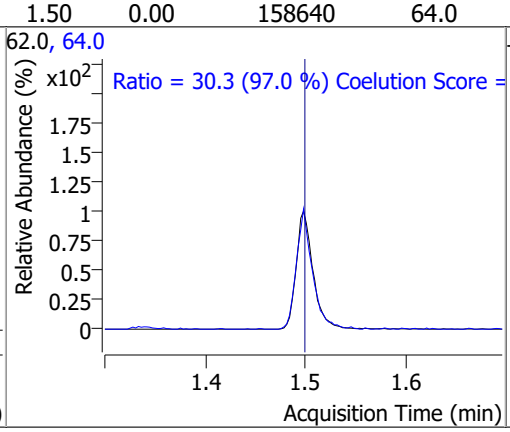


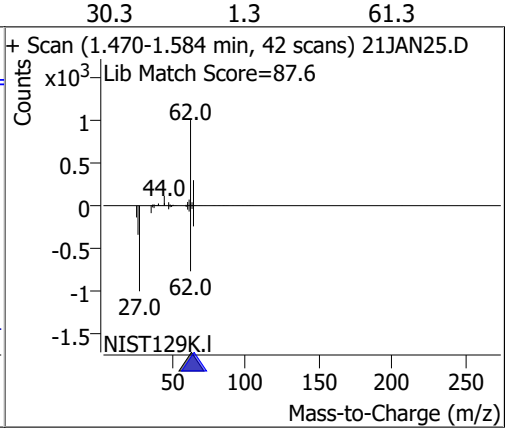




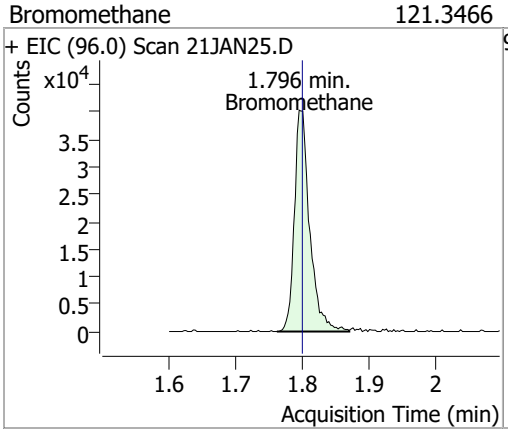
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	129.0459	1.50	0.00	158640	64.0	30.3	1.3	61.3

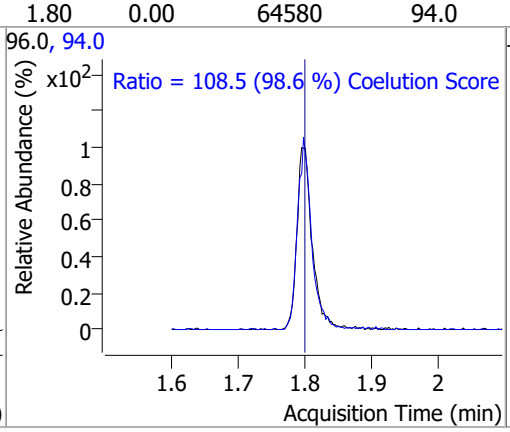


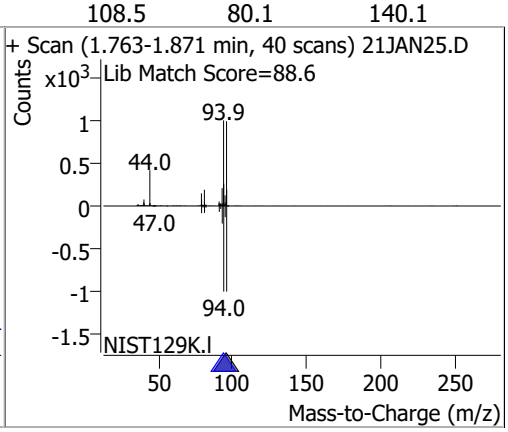




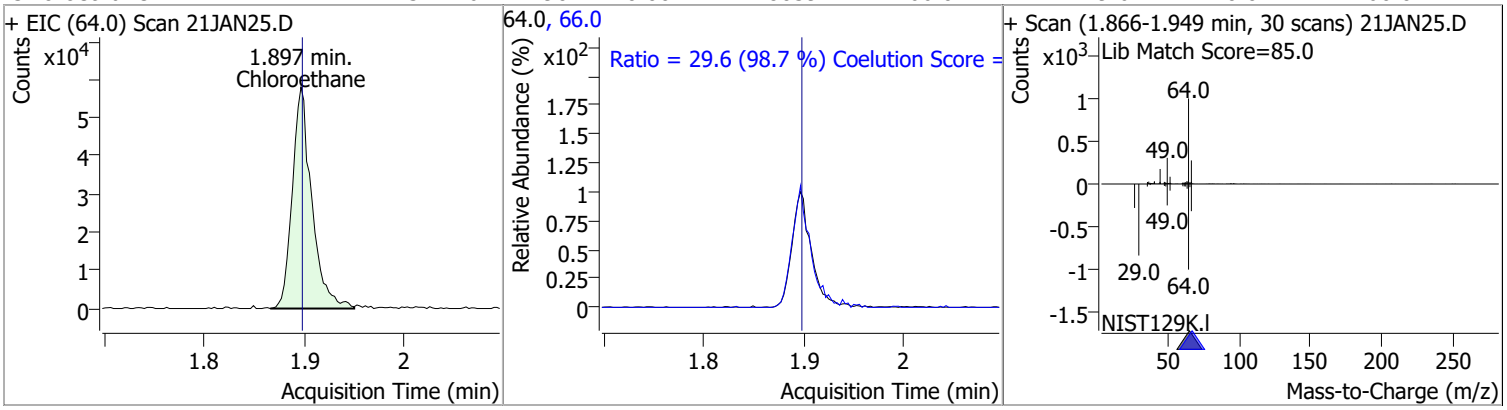
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	121.3466	1.80	0.00	64580	94.0	108.5	80.1	140.1



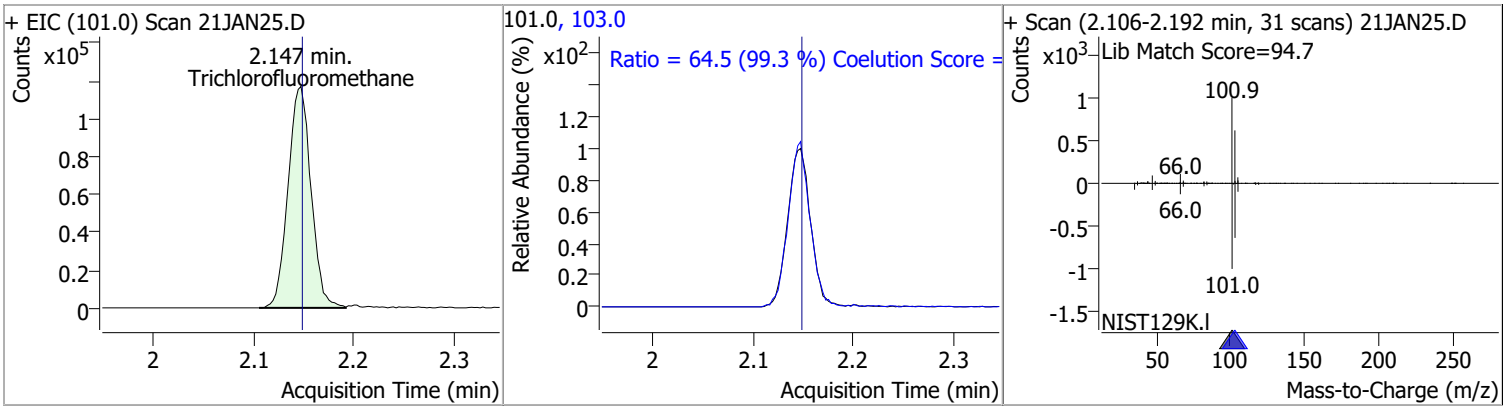




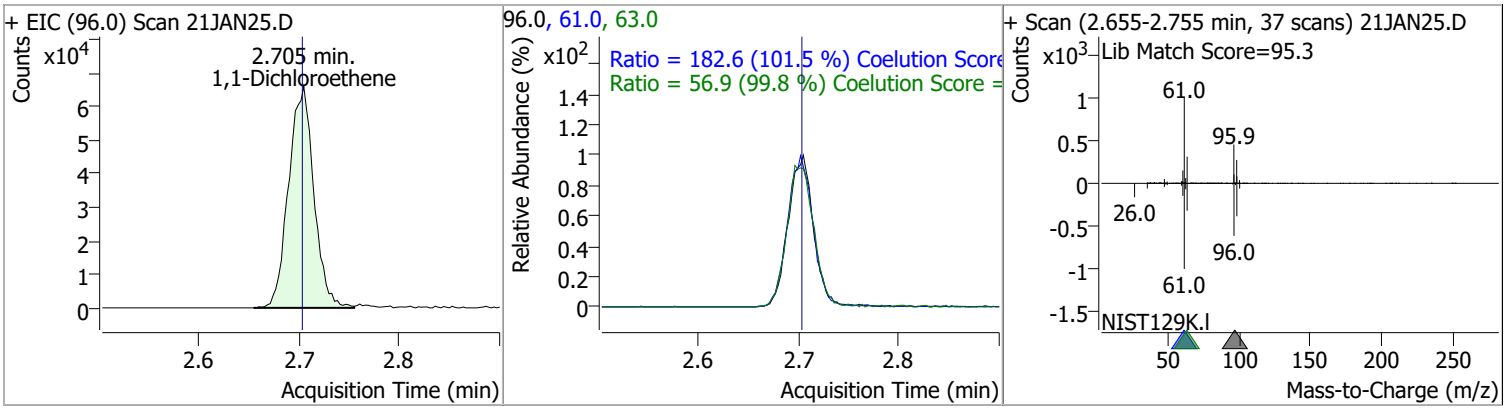
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	134.1764	1.90	0.00	78039	66.0	29.6	0.0	60.0



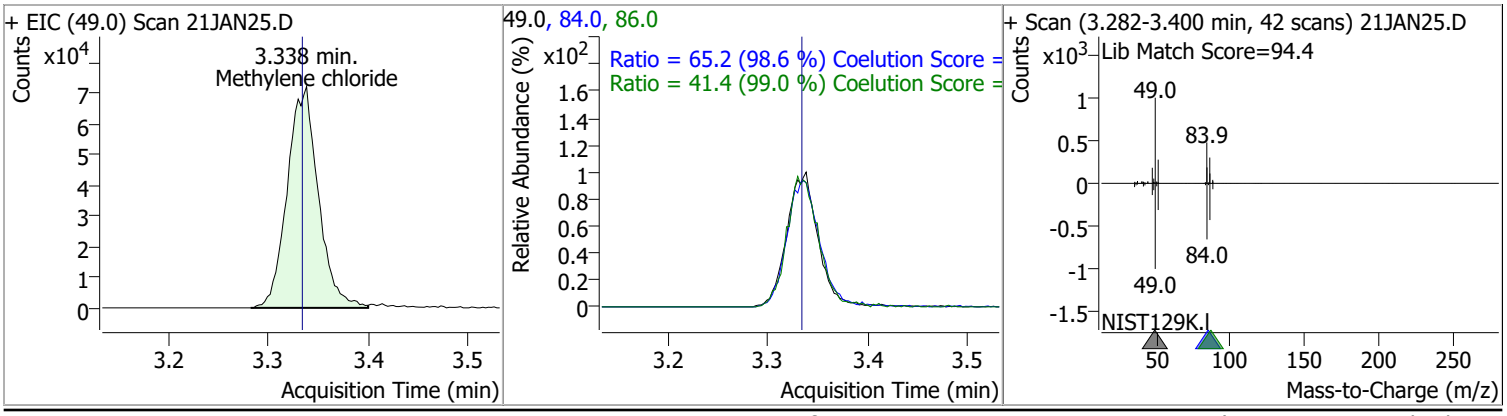
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	126.2230	2.15	0.00	186070	103.0	64.5	35.0	95.0



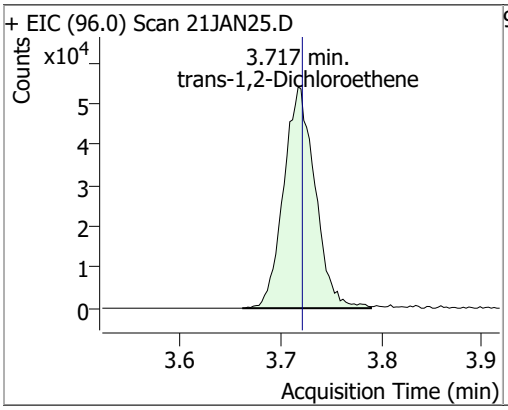
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	134.1148	2.71	0.00	115037	61.0	182.6	149.9	209.9
					63.0	56.9	27.0	87.0

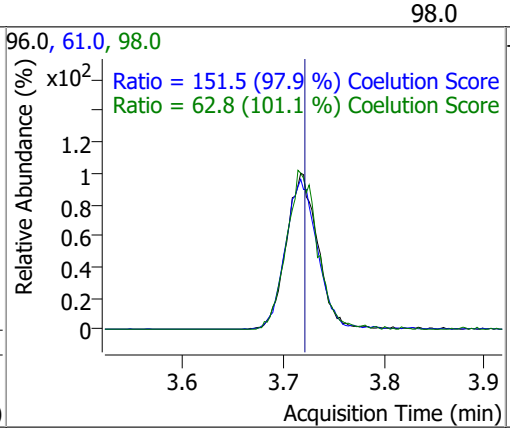


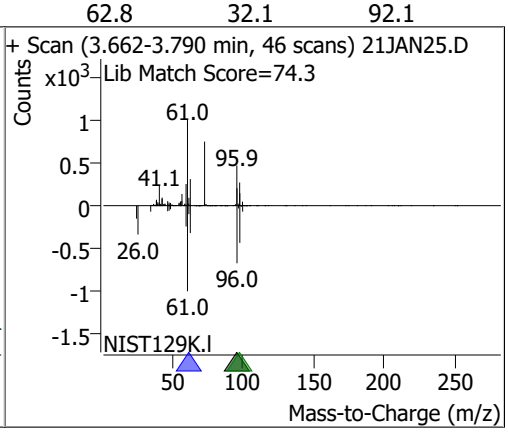
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	124.2421	3.34	0.01	154942	84.0	65.2	36.1	96.1
					86.0	41.4	11.8	71.8



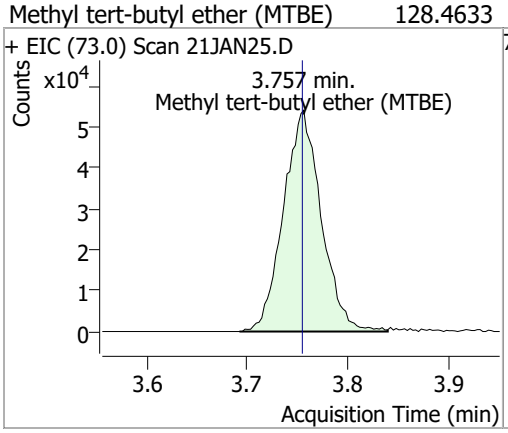
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	132.9792	3.72	0.00	117833	61.0	151.5	124.8	184.8
					98.0	62.8	32.1	92.1

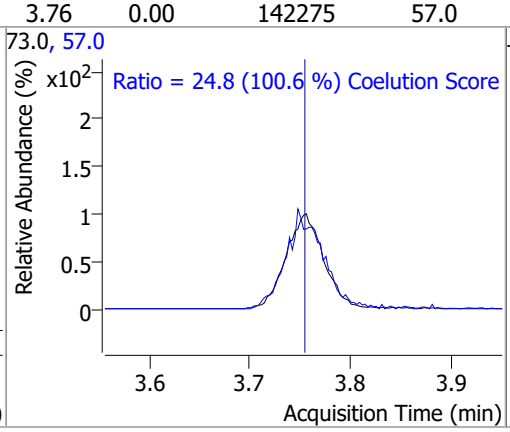


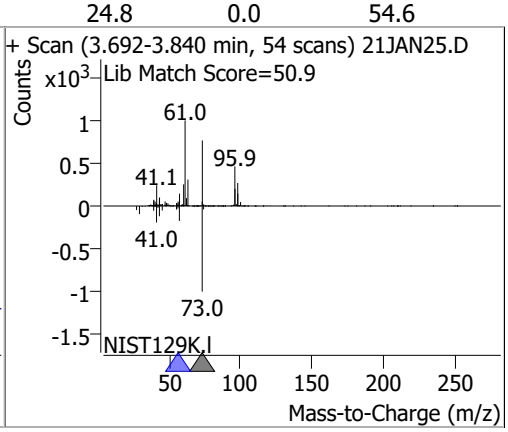




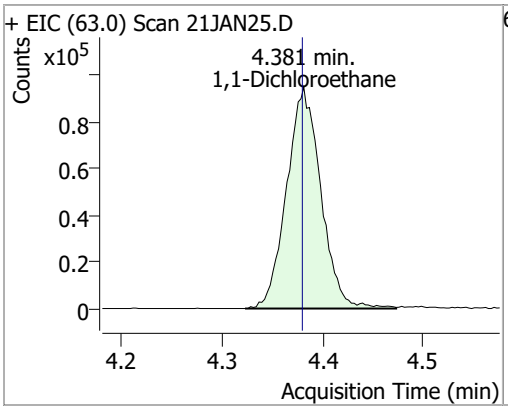
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	128.4633	3.76	0.00	142275	57.0	24.8	0.0	54.6

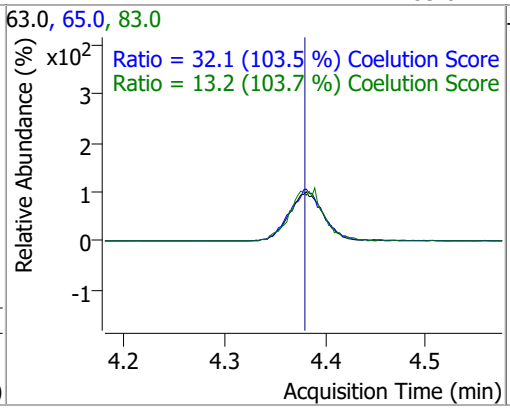


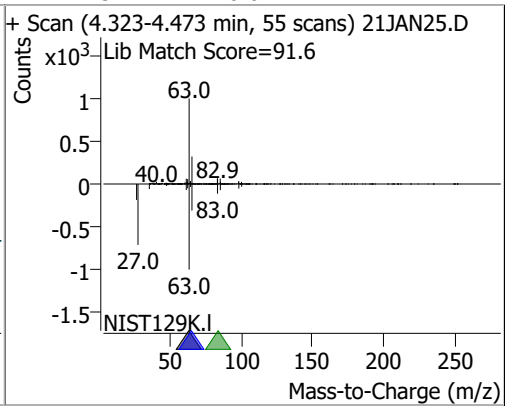




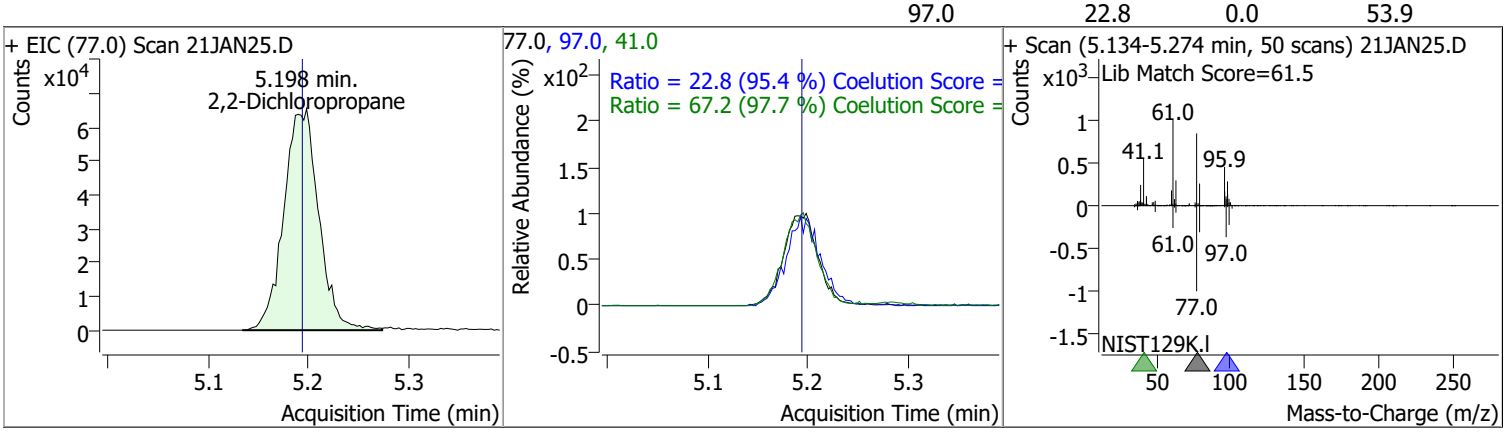
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	135.2838	4.38	0.00	224350	65.0	32.1	1.0	61.0
					83.0	13.2	0.0	42.7



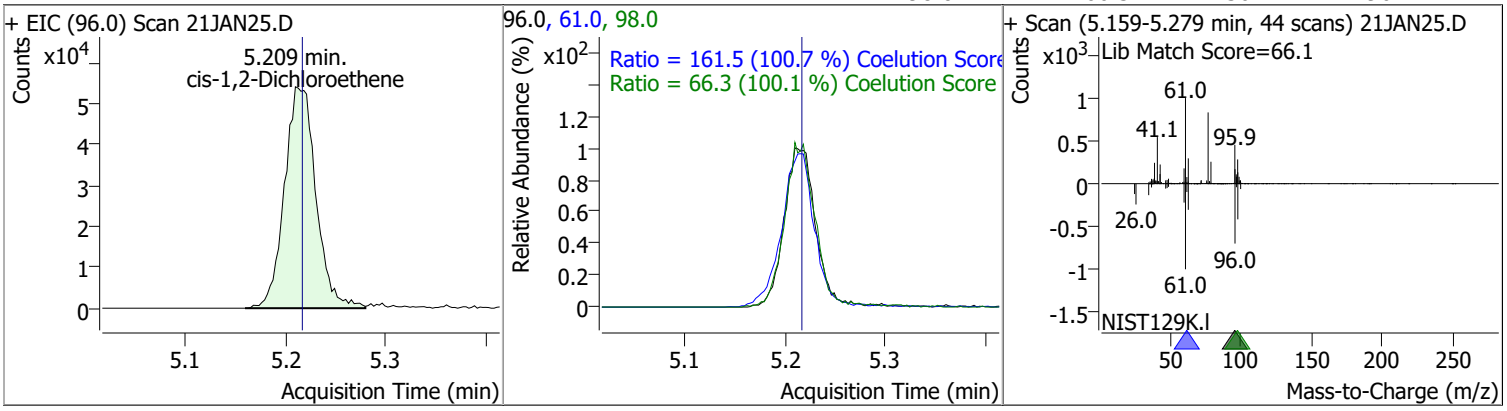




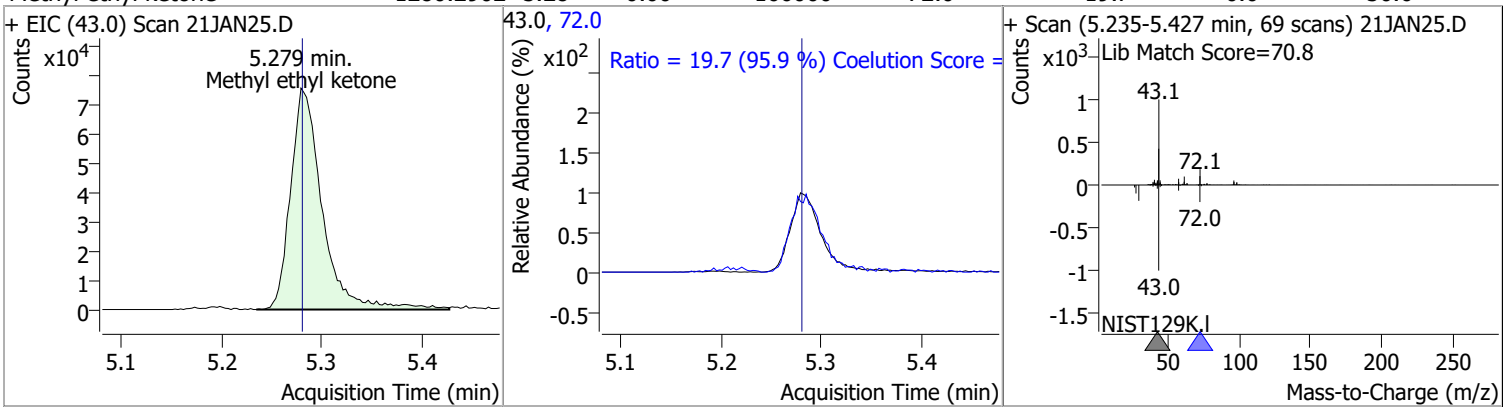
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	126.5640	5.20	0.01	158175	41.0	67.2	38.8	98.8
					97.0	22.8	0.0	53.9



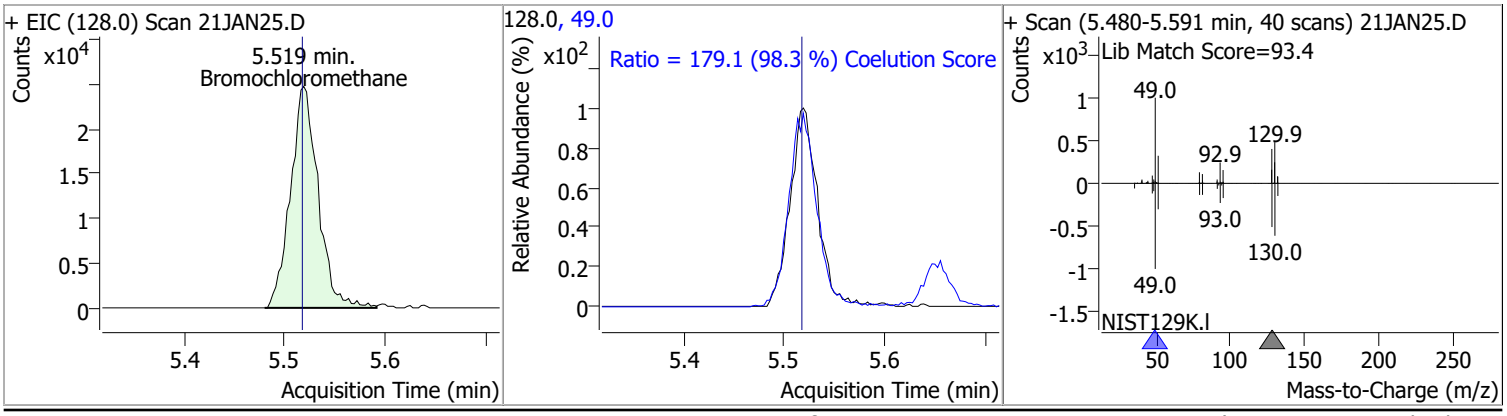
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	130.9324	5.21	-0.01	117471	61.0	161.5	130.4	190.4
					98.0	66.3	36.2	96.2



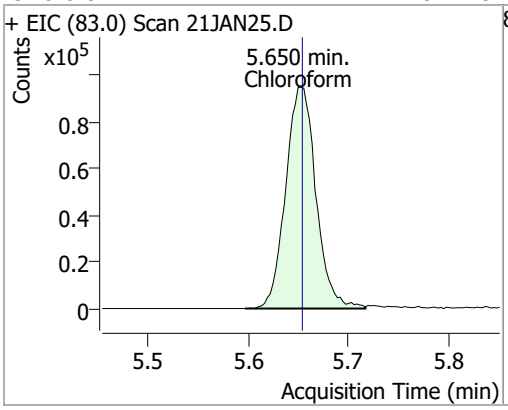
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1280.2902	5.28	0.00	166000	72.0	19.7	0.0	50.6

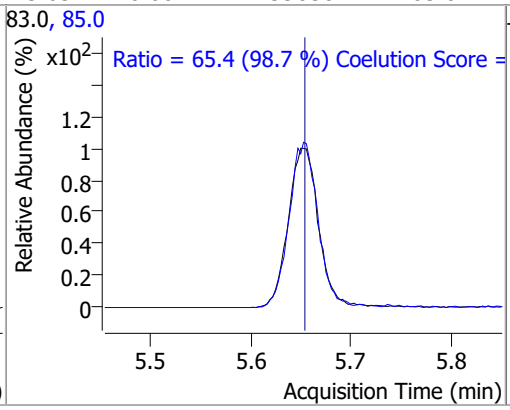


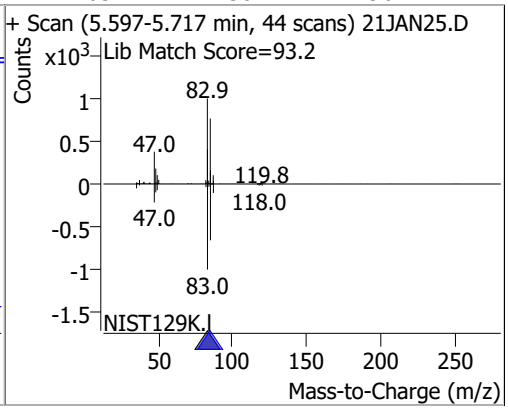
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	127.8063	5.52	0.00	47278	49.0	179.1	152.2	212.2



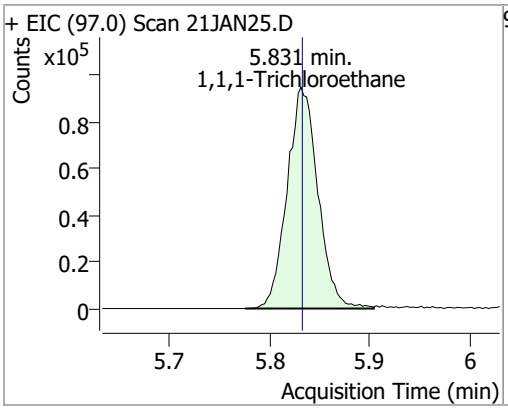
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	120.2113	5.65	0.00	199050	85.0	65.4	36.2	96.2

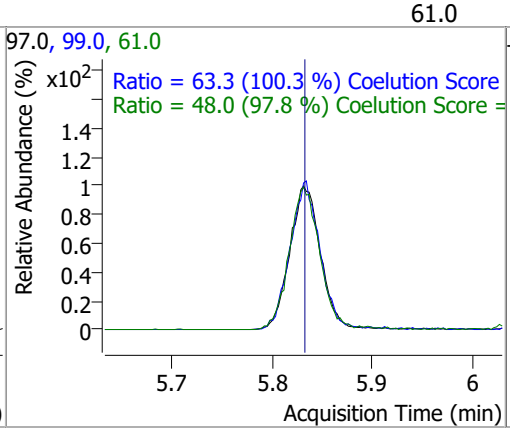


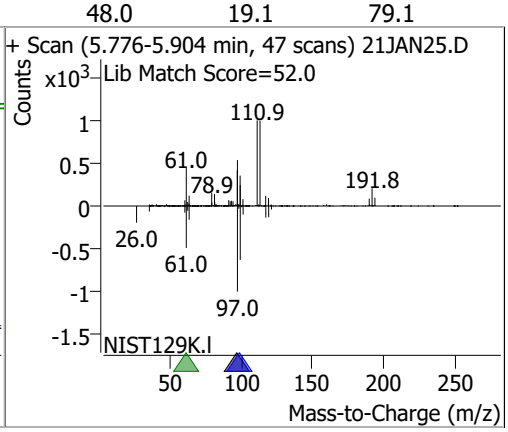




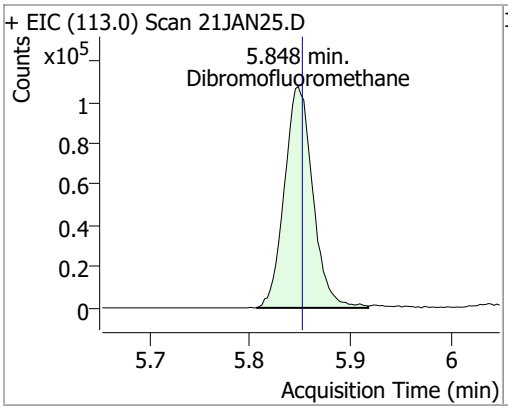
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	132.7156	5.83	0.00	202759	99.0	63.3	33.1	93.1
					61.0	48.0	19.1	79.1

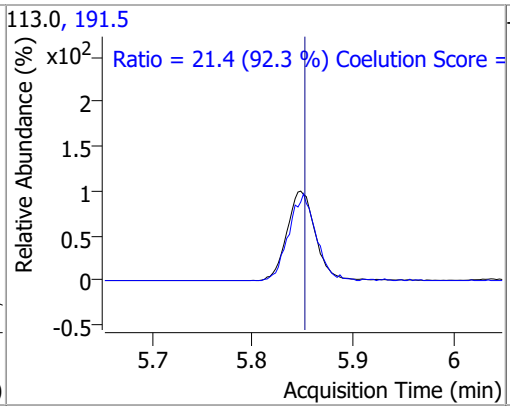


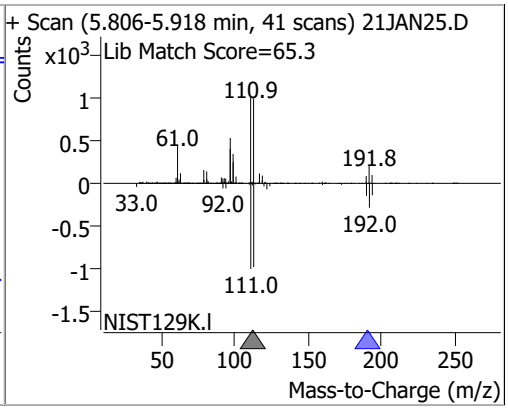




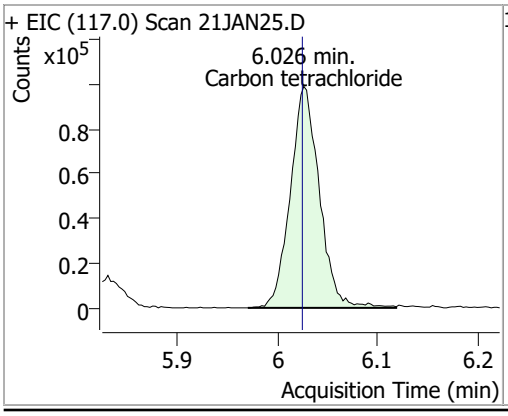
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	256.8627	5.85	0.00	212253	191.5	21.4	0.0	53.2

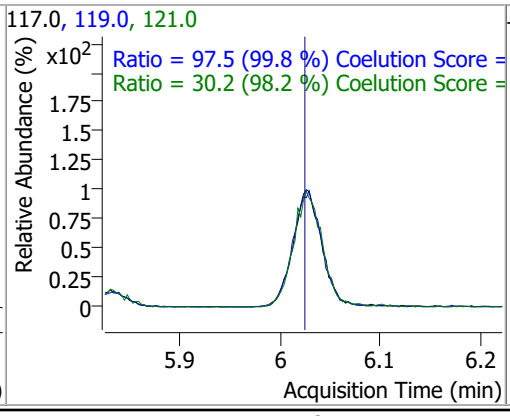


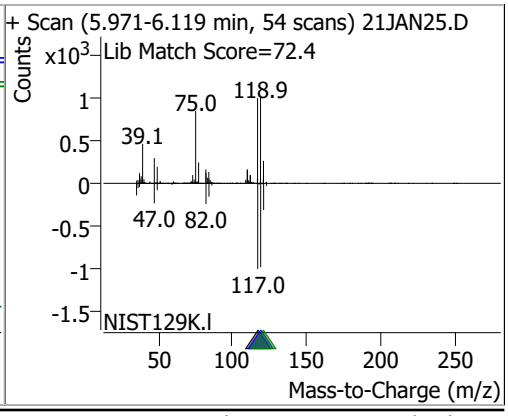




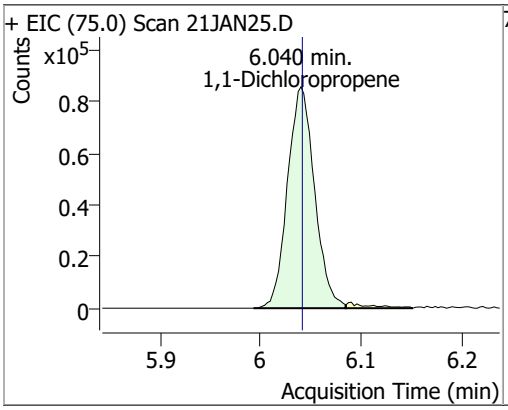
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	134.5518	6.03	0.00	199370	119.0	97.5	67.6	127.6
					121.0	30.2	0.7	60.7

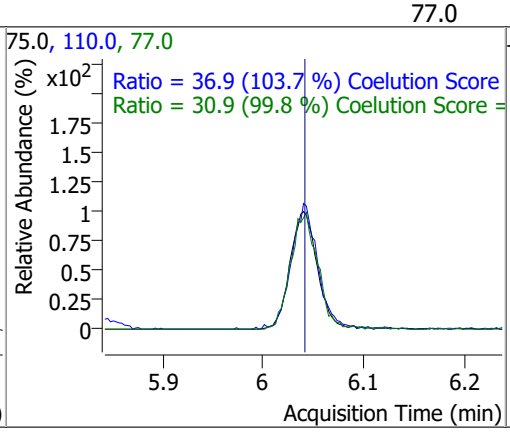


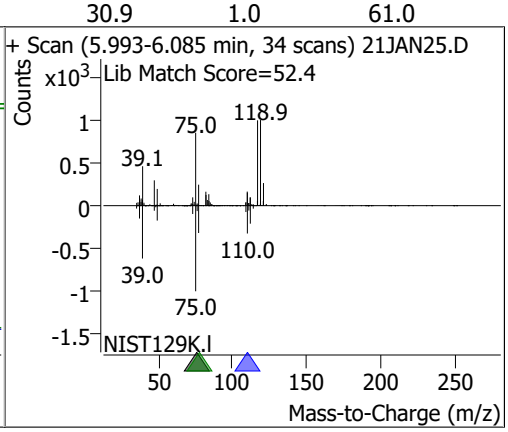




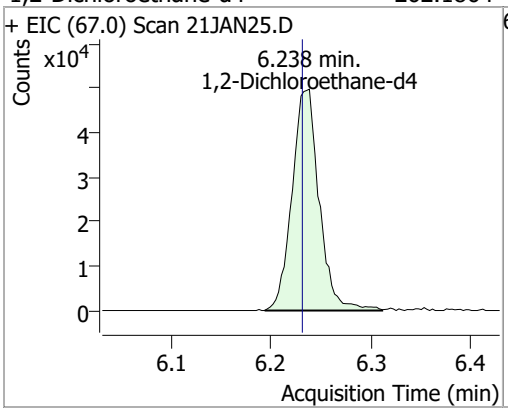
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	129.8623	6.04	0.00	160884	110.0	36.9	5.6	65.6
					77.0	30.9	1.0	61.0

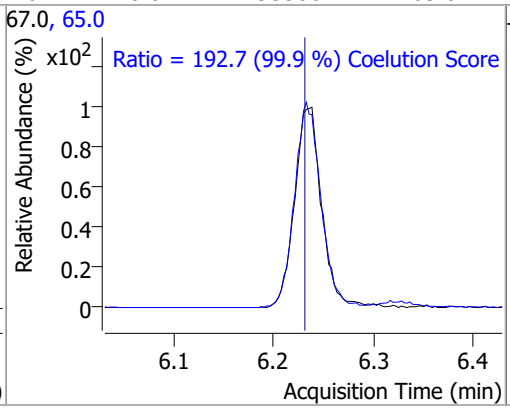


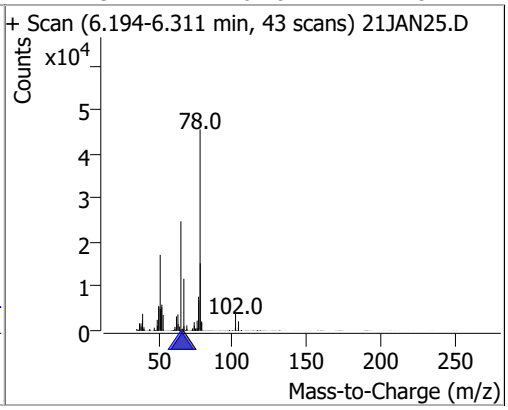




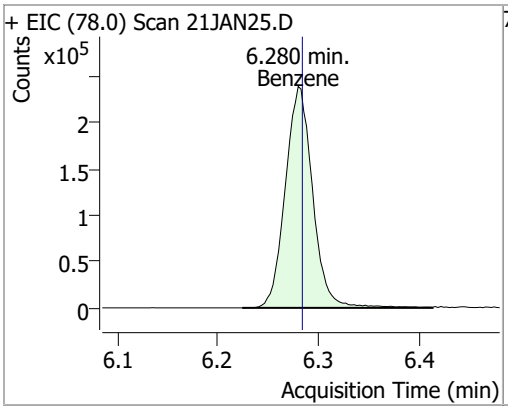
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	262.1864	6.24	0.01	93588	65.0	192.7	162.8	222.8

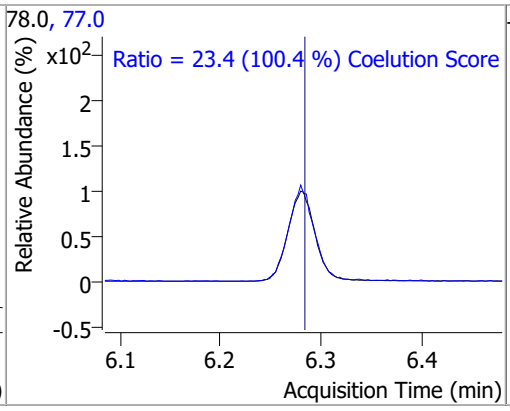


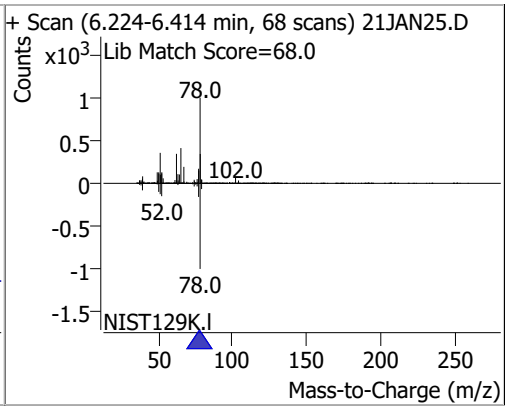




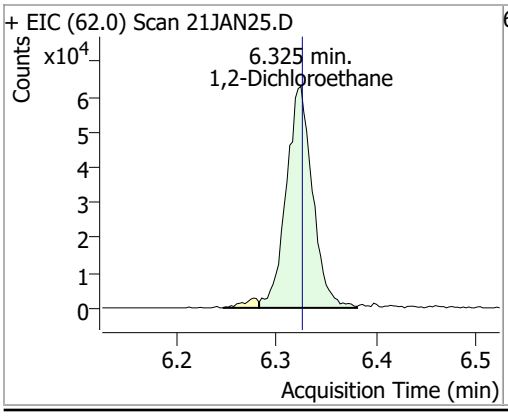
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	133.4173	6.28	0.00	454702	77.0	23.4	0.0	53.3

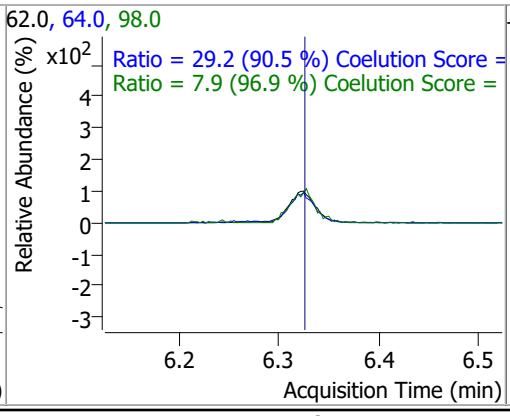


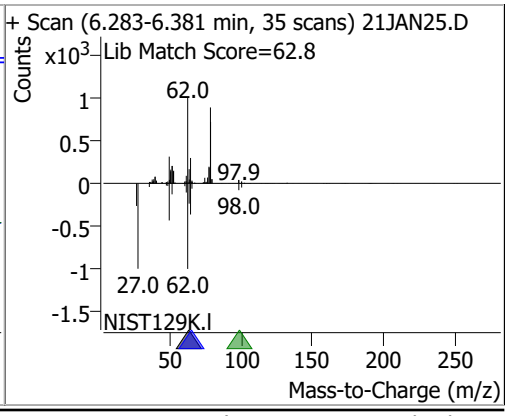




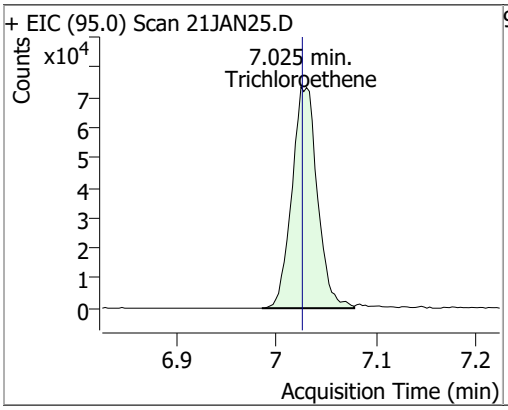
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	122.0757	6.32	0.00	114914	64.0	29.2	2.2	62.2
					98.0	7.9	0.0	38.2

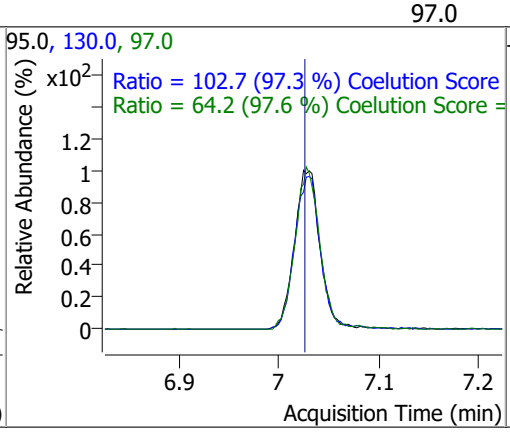


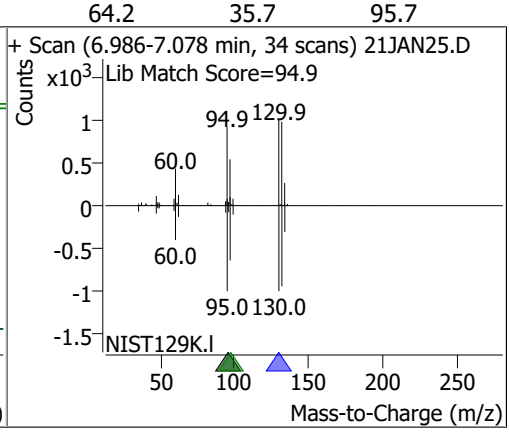




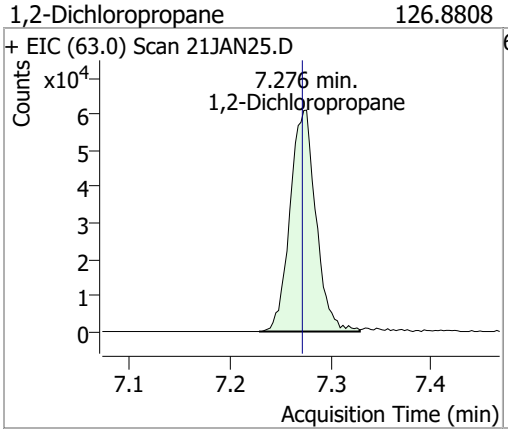
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	132.1457	7.02	0.00	130028	130.0	102.7	75.6	135.6
					97.0	64.2	35.7	95.7

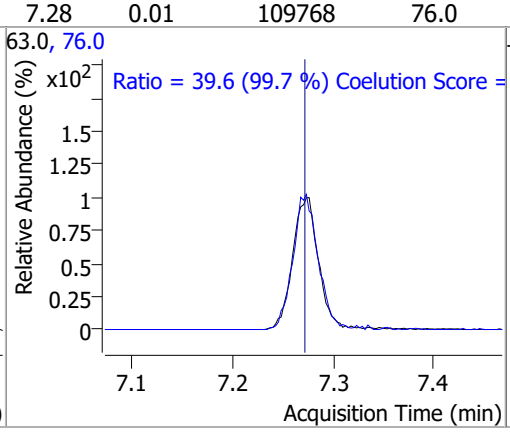


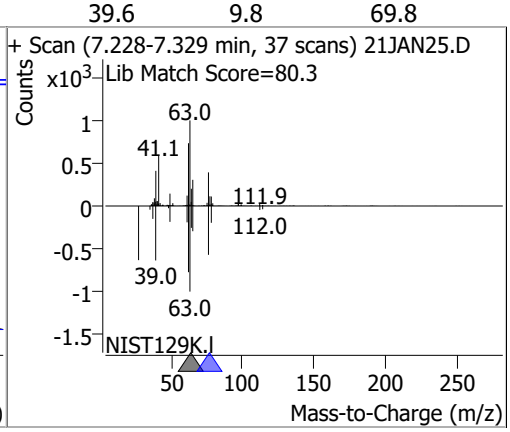




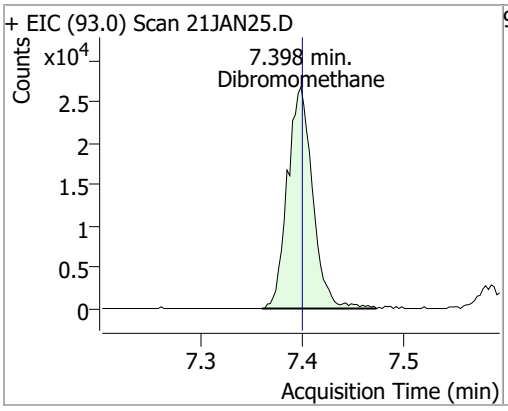
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	126.8808	7.28	0.01	109768	76.0	39.6	9.8	69.8

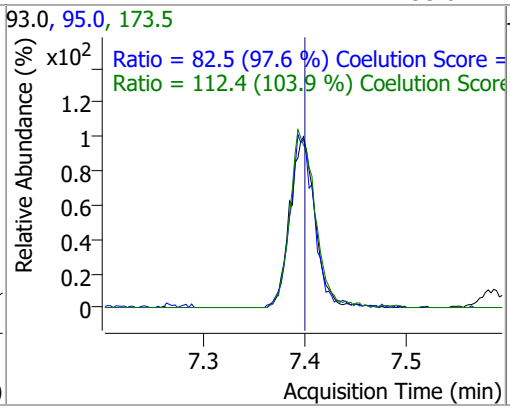


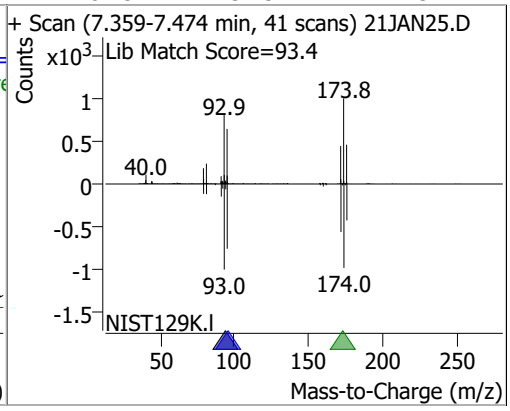




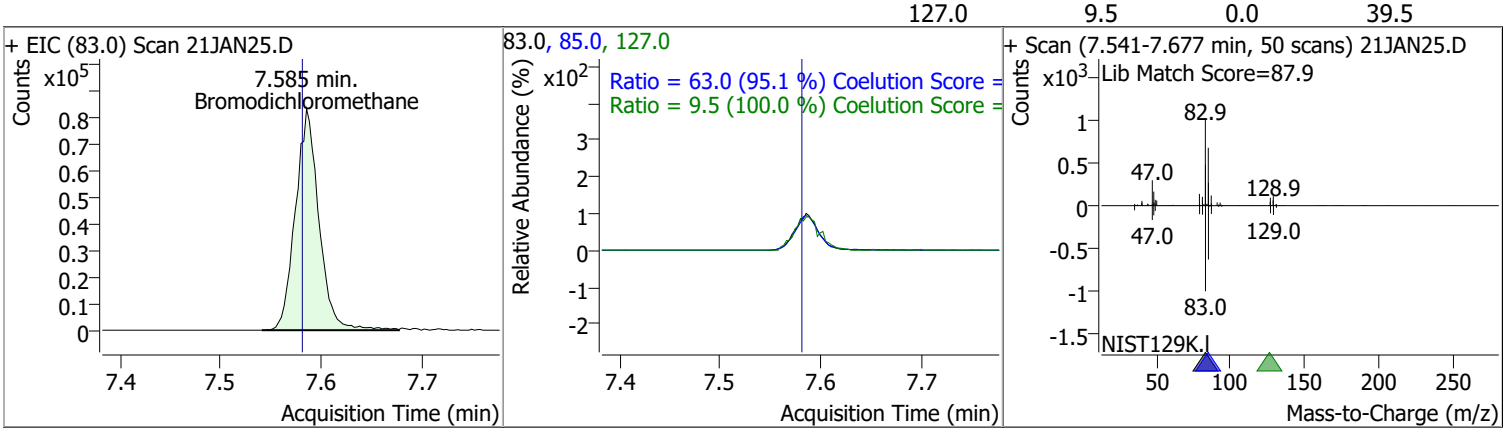
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	128.6780	7.40	0.00	46923	173.5	112.4	78.2	138.2
					95.0	82.5	54.5	114.5



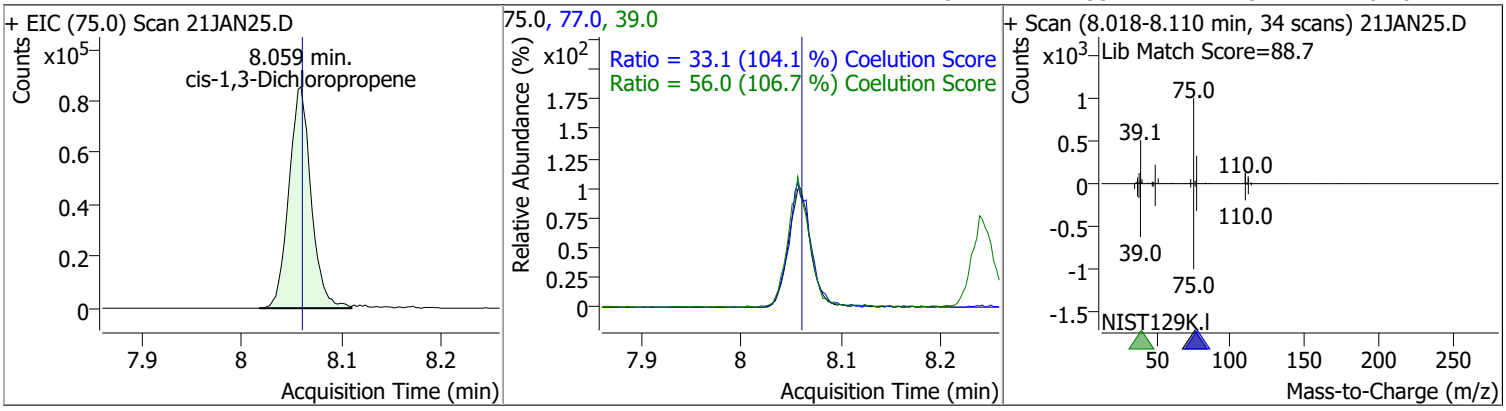




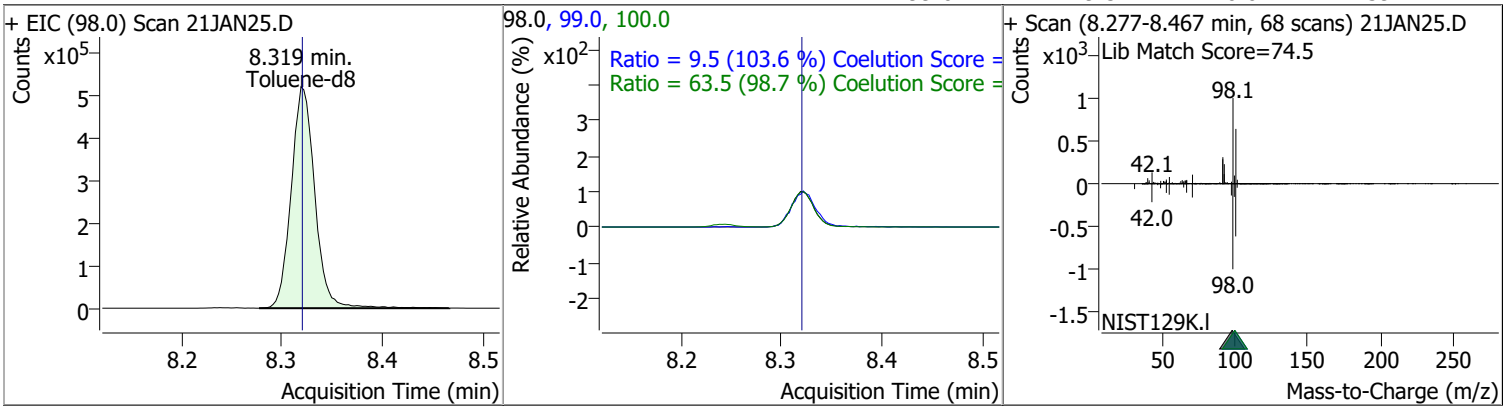
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	132.1469	7.59	0.01	135503	85.0	63.0	36.3	96.3
					127.0	9.5	0.0	39.5



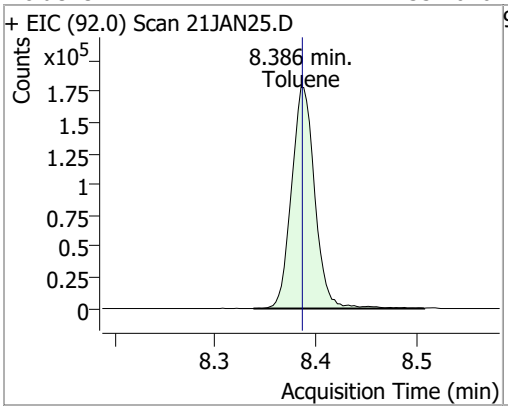
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	116.7864	8.06	0.00	131408	39.0	56.0	22.5	82.5
					77.0	33.1	1.8	61.8

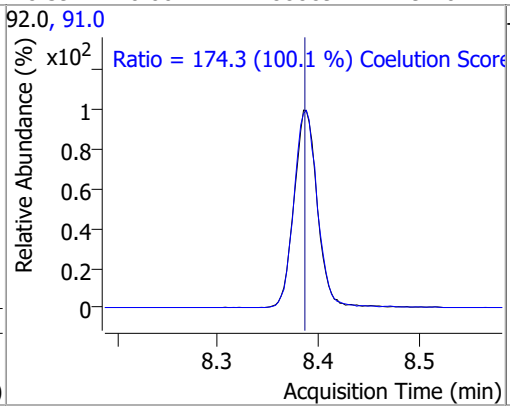


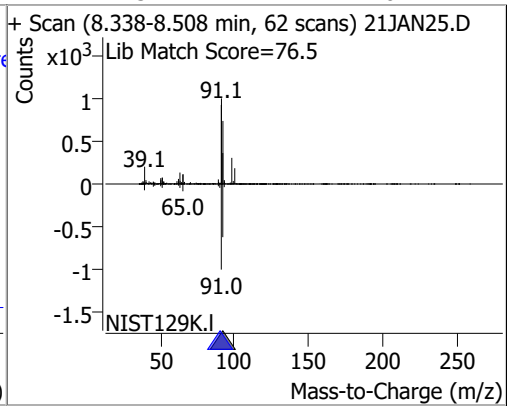
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.2302	8.32	0.00	850474	100.0	63.5	34.3	94.3
					99.0	9.5	0.0	39.2



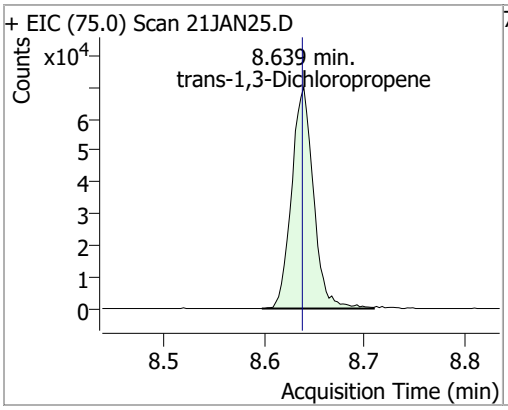
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	135.1616	8.39	0.00	288889	91.0	174.3	144.1	204.1

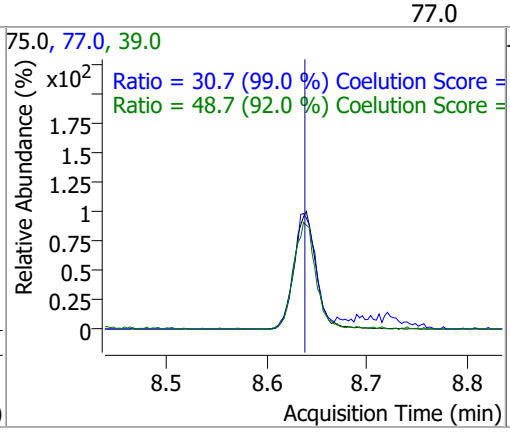


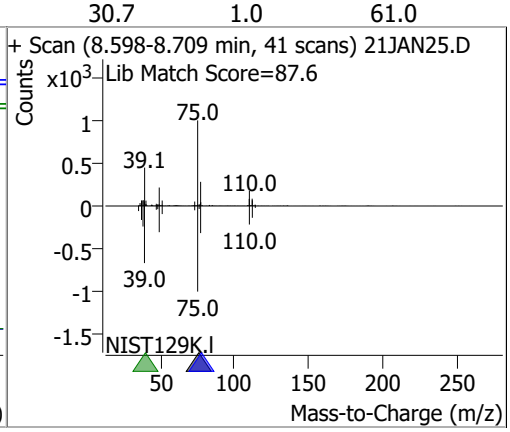




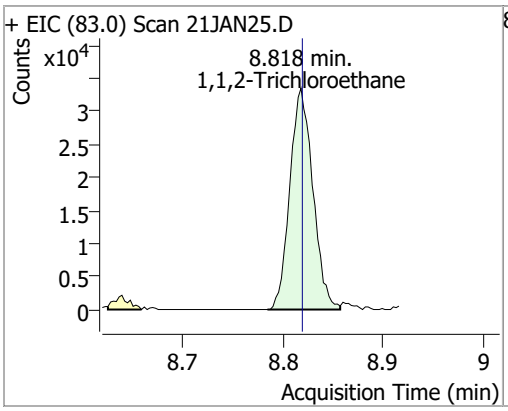
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	129.4135	8.64	0.00	106216	39.0	48.7	23.0	83.0
					77.0	30.7	1.0	61.0

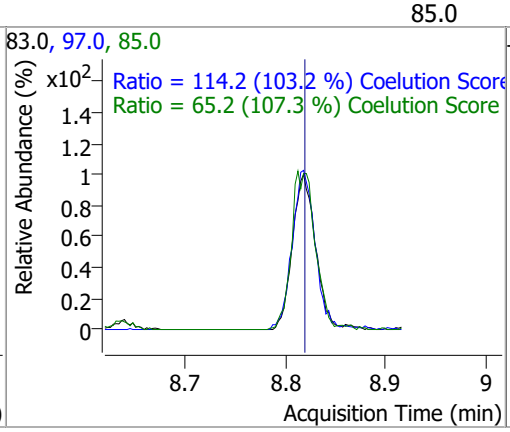


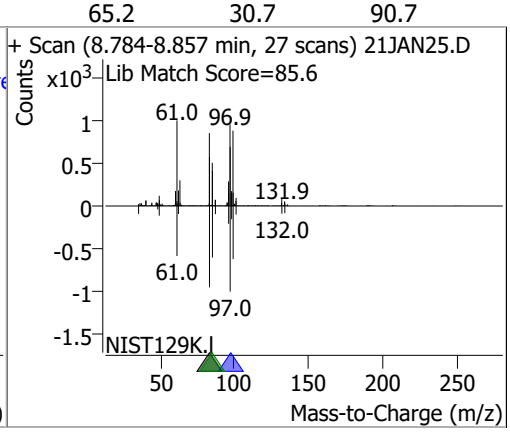




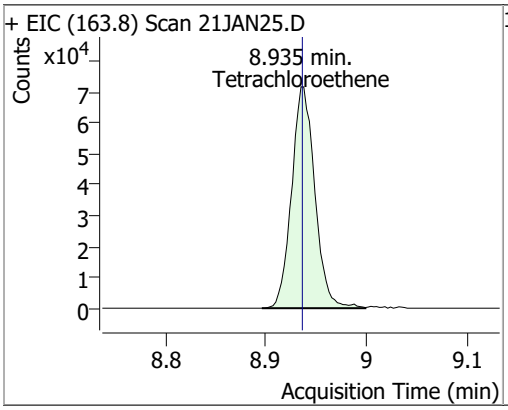
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	127.7764	8.82	0.00	53326	97.0	114.2	80.7	140.7
					85.0	65.2	30.7	90.7

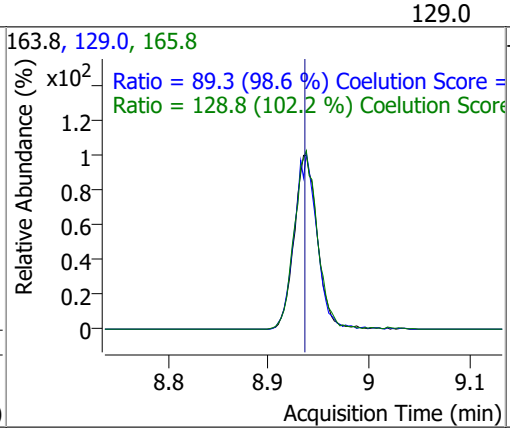


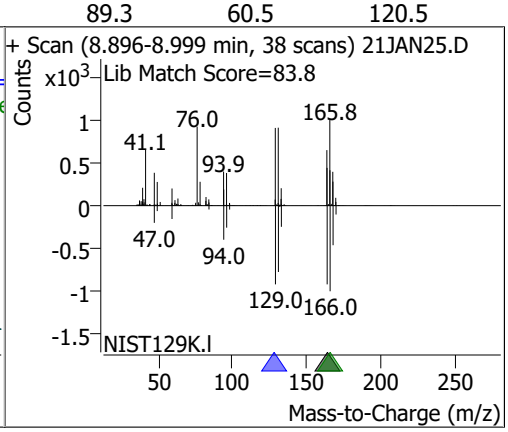




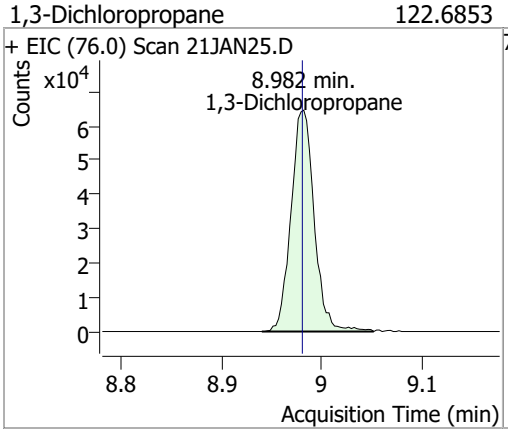
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	133.4551	8.94	0.00	115667	165.8	128.8	96.1	156.1
					129.0	89.3	60.5	120.5

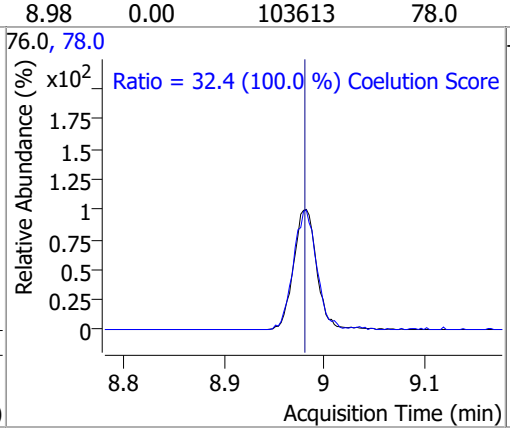


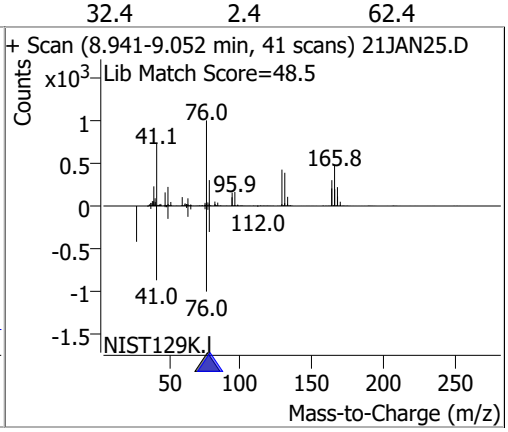




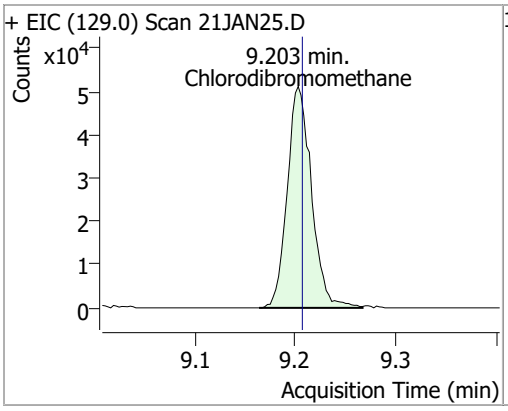
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	122.6853	8.98	0.00	103613	78.0	32.4	2.4	62.4

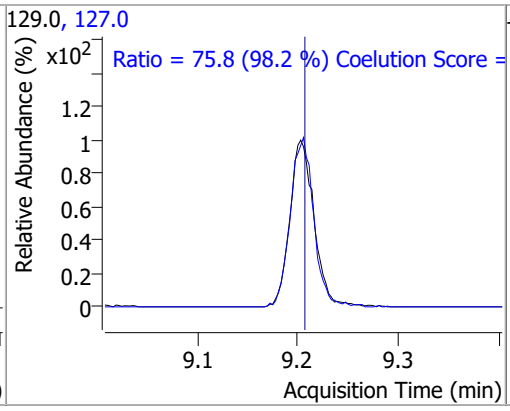


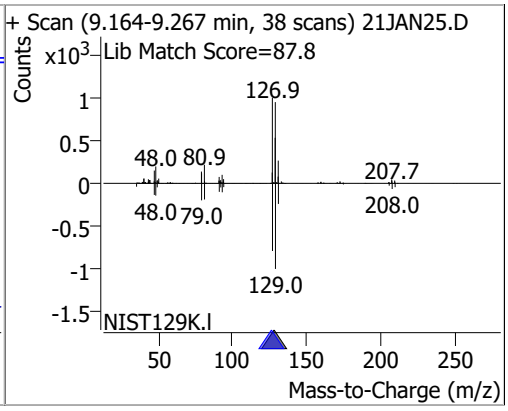




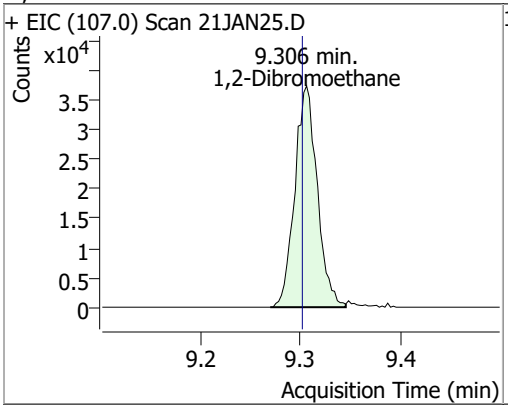
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	127.8800	9.20	0.00	85952	127.0	75.8	47.2	107.2

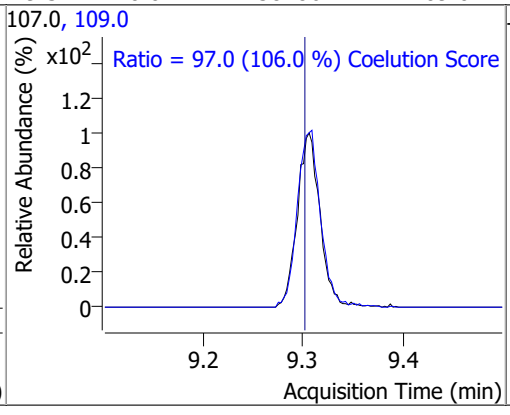


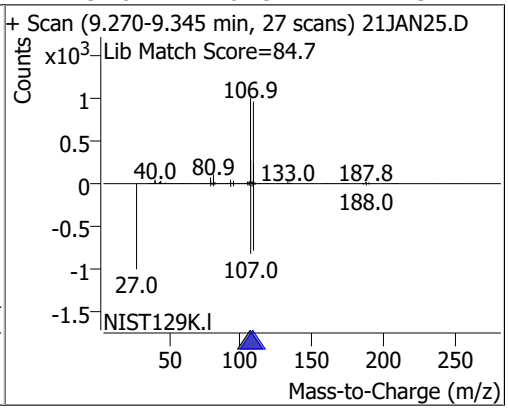




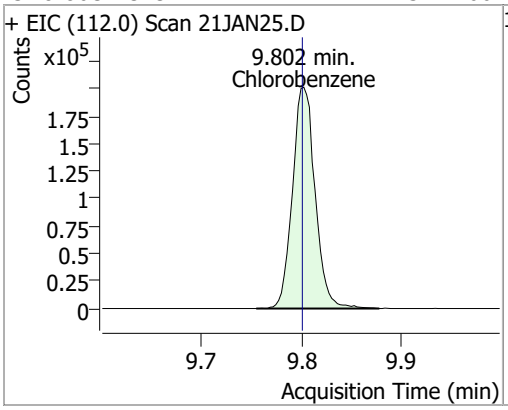
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	126.2354	9.31	0.01	58186	109.0	97.0	61.5	121.5

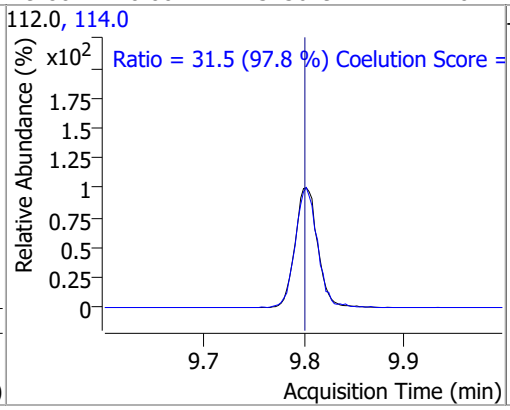


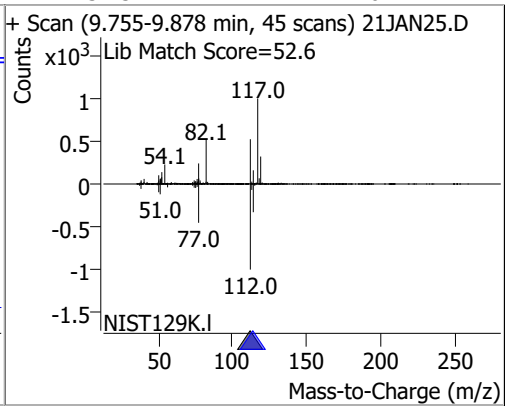




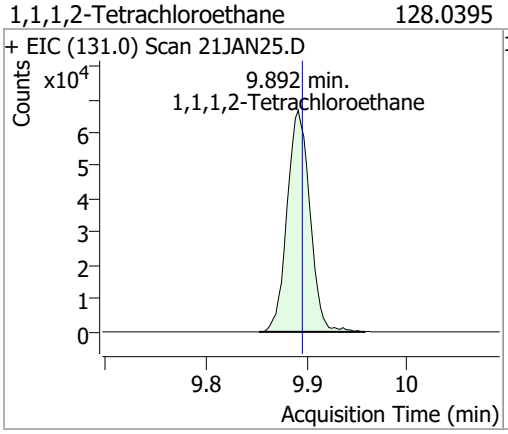
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	134.7166	9.80	0.00	315649	114.0	31.5	2.2	62.2

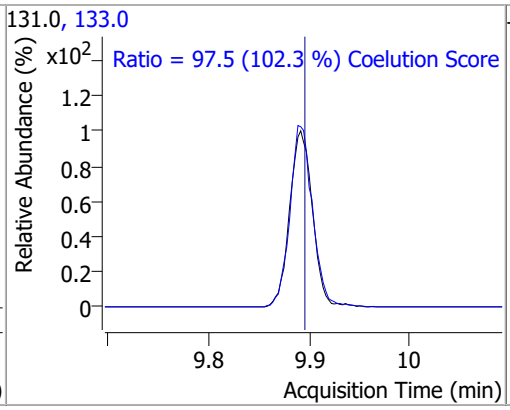


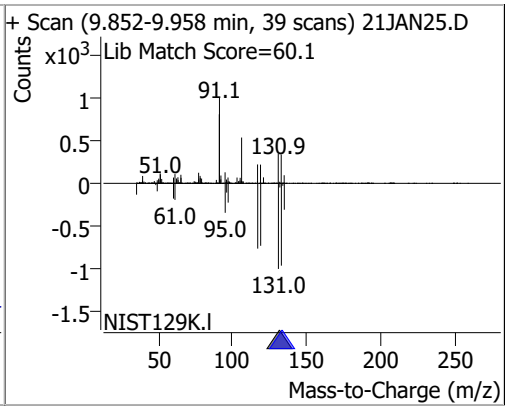




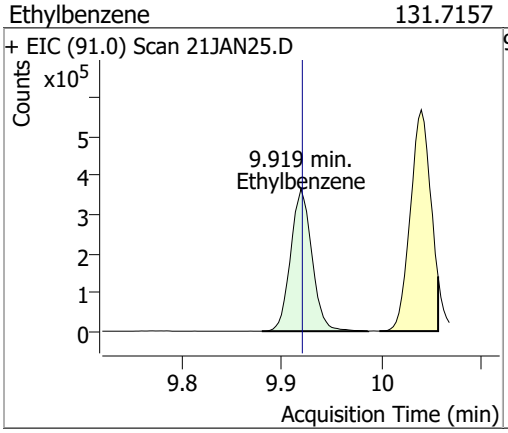
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	128.0395	9.89	0.00	105261	133.0	97.5	65.3	125.3

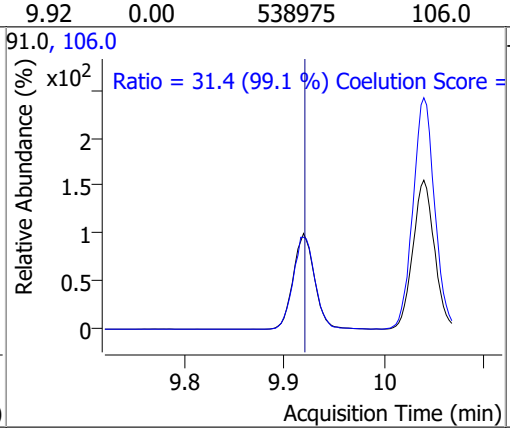


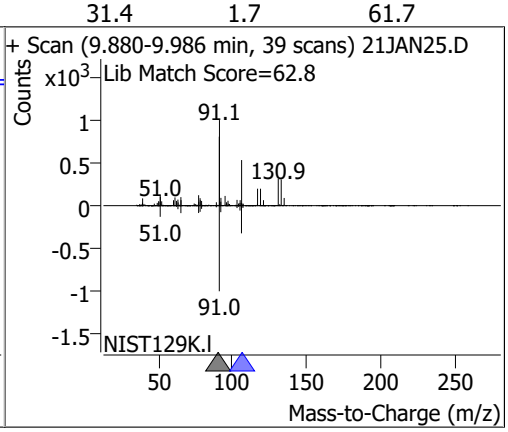




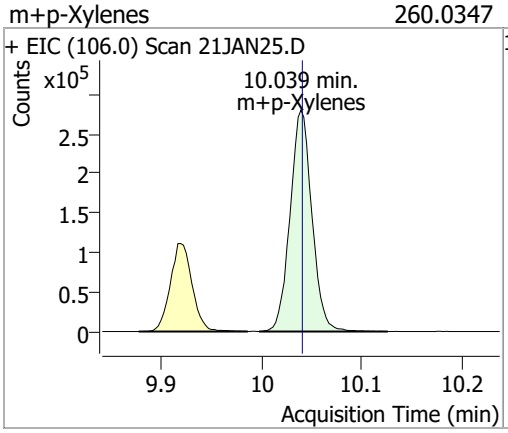
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	131.7157	9.92	0.00	538975	106.0	31.4	1.7	61.7

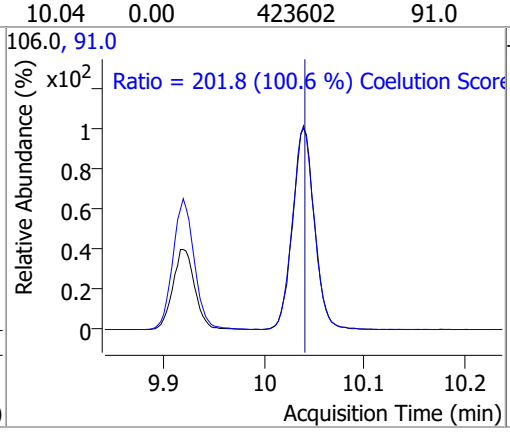


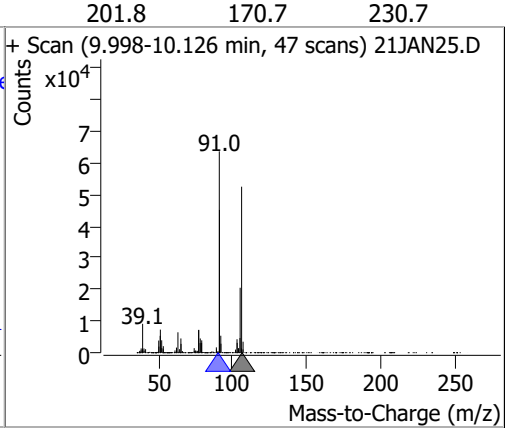




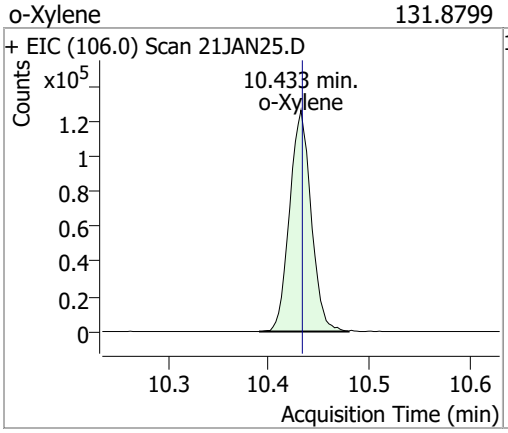
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	260.0347	10.04	0.00	423602	91.0	201.8	170.7	230.7

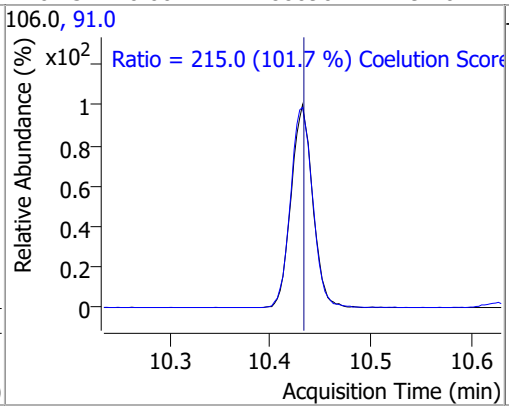


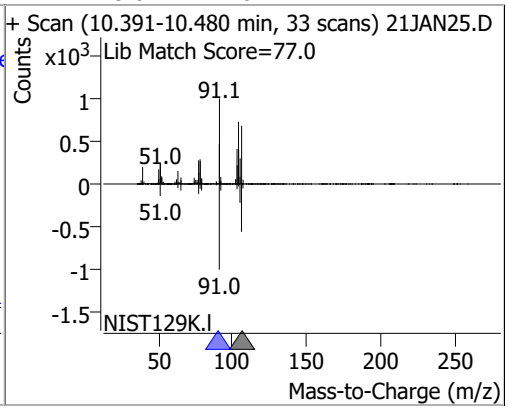




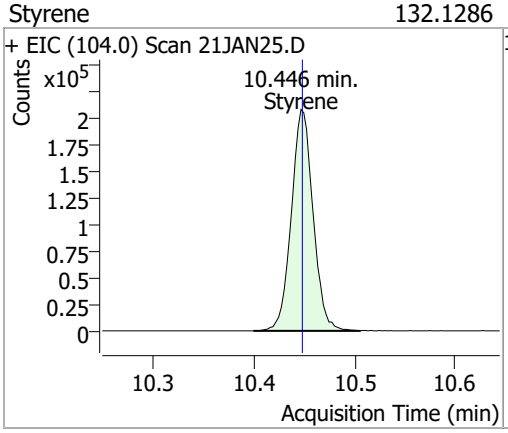
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	131.8799	10.43	0.00	188090	91.0	215.0	181.4	241.4

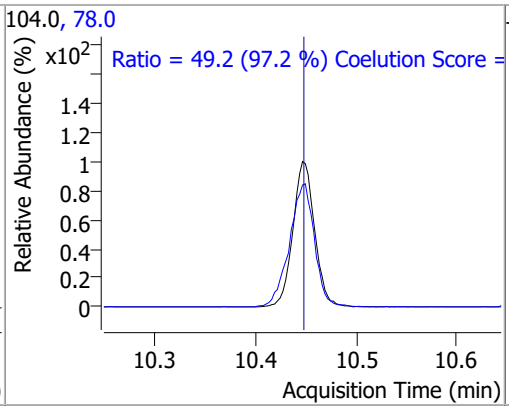


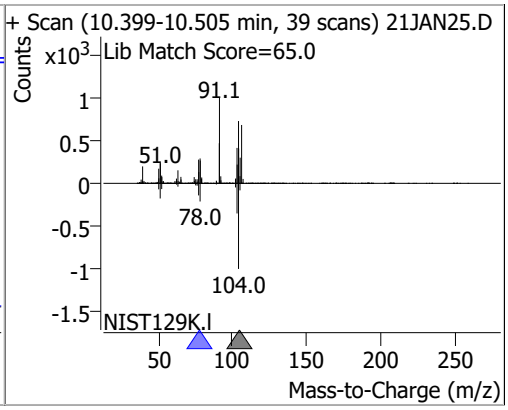




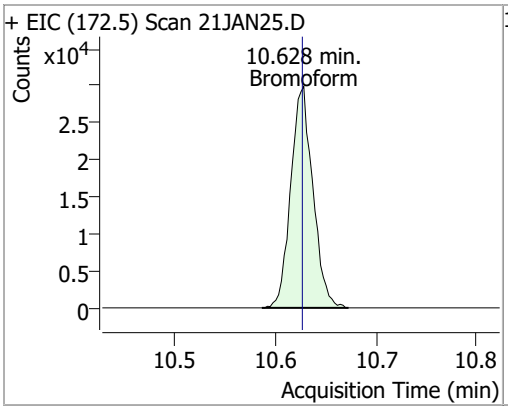
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	132.1286	10.45	0.00	311547	78.0	49.2	20.6	80.6

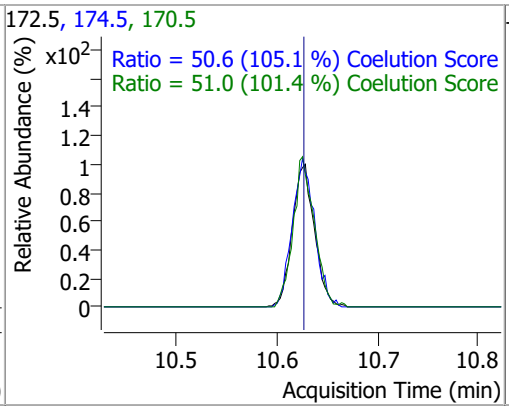


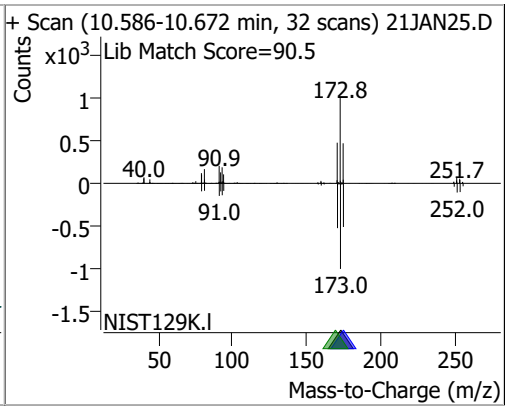




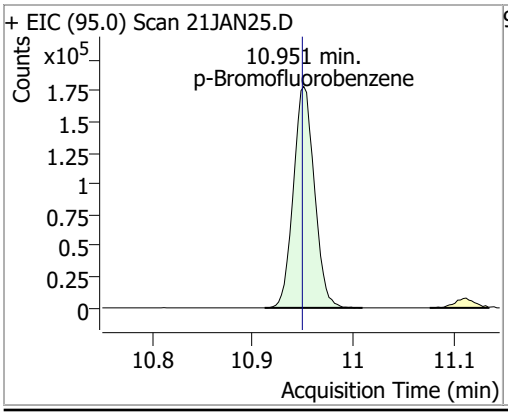
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	125.6796	10.63	0.00	45757	170.5	51.0	20.3	80.3
					174.5	50.6	18.1	78.1

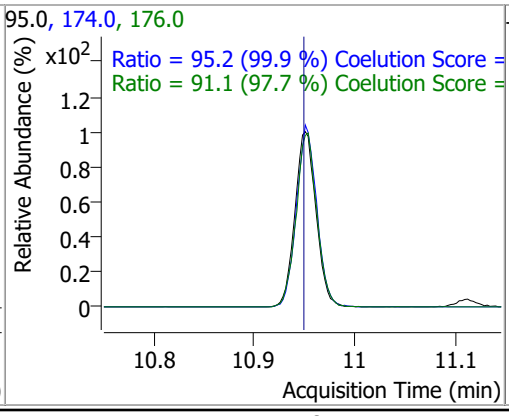


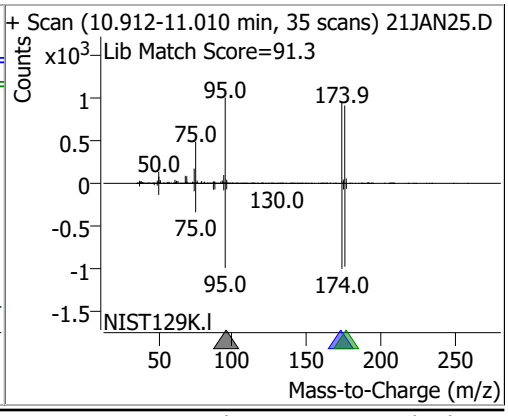




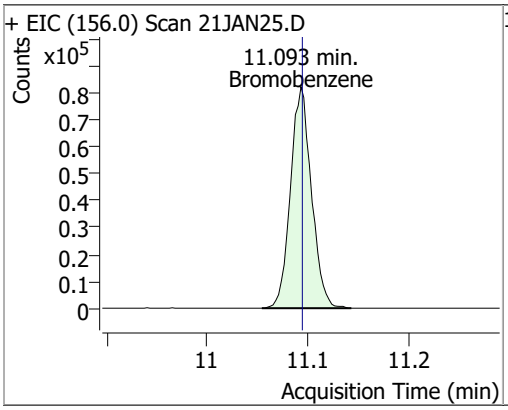
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	259.3704	10.95	0.00	260197	174.0	95.2	65.3	125.3
					176.0	91.1	63.3	123.3

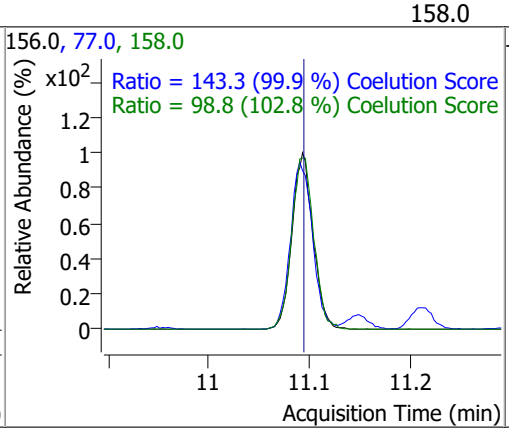


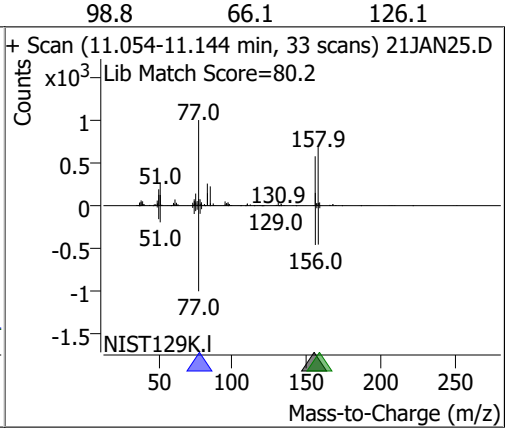




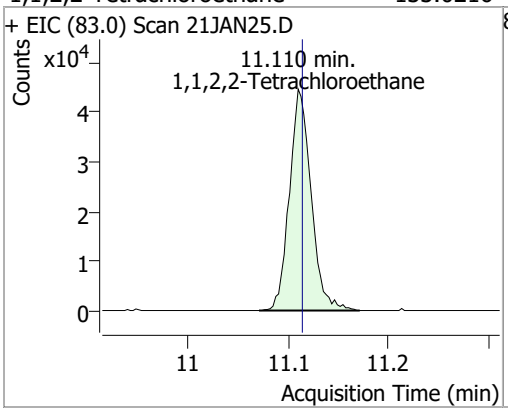
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	134.6901	11.09	0.00	119157	77.0	143.3	113.5	173.5
					158.0	98.8	66.1	126.1

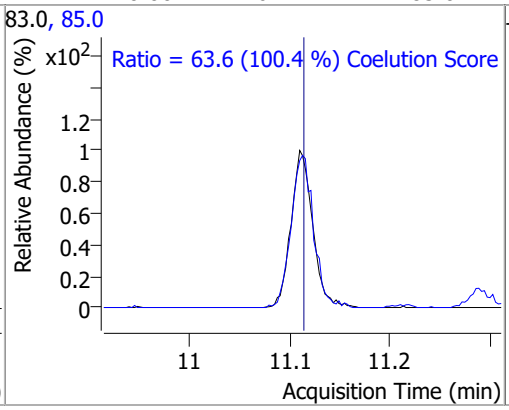


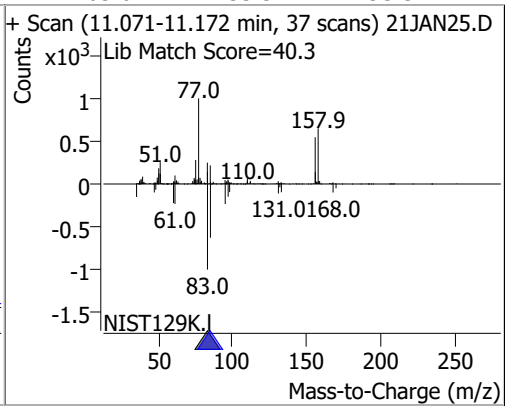




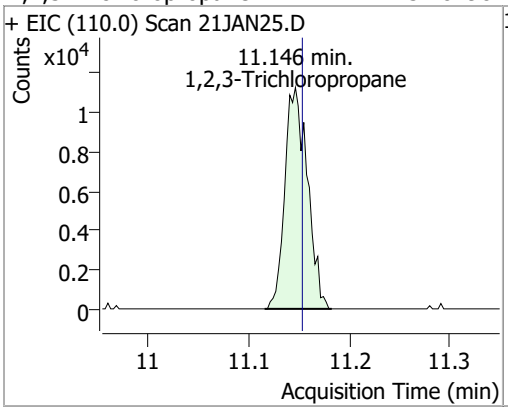
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	133.0216	11.11	0.00	67124	85.0	63.6	33.3	93.3

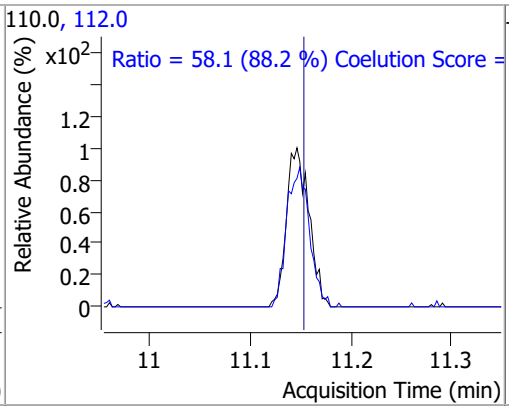


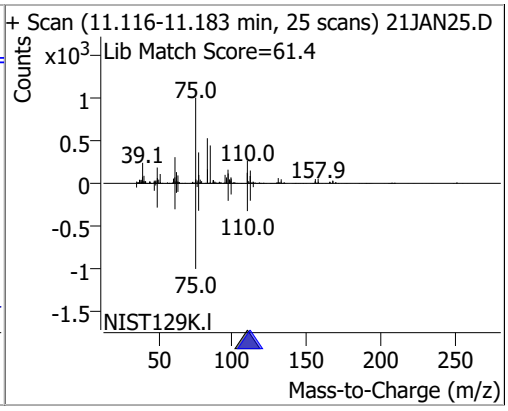




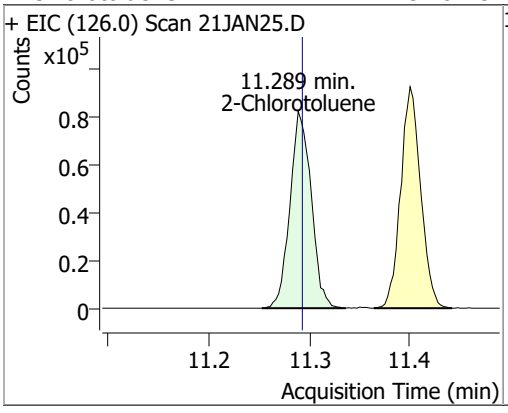
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	132.8798	11.15	-0.01	17617	112.0	58.1	35.8	95.8

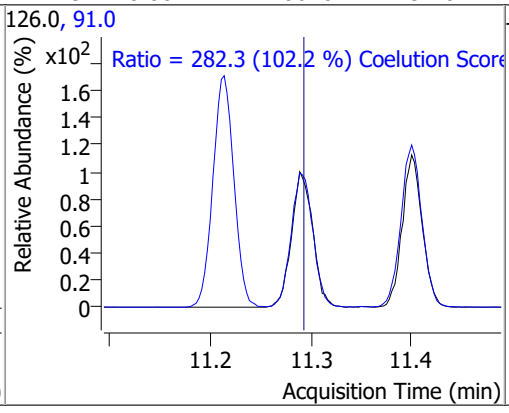


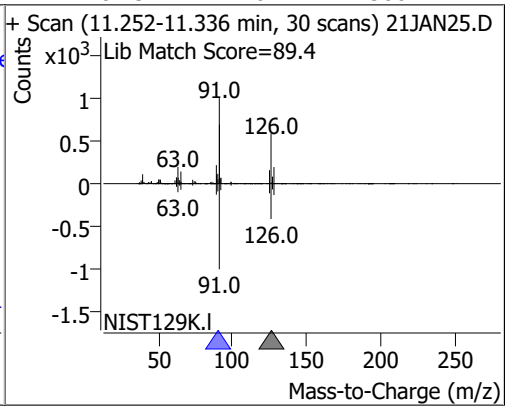




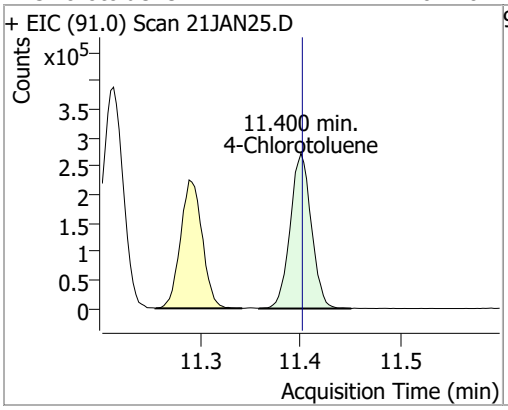
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	137.8179	11.29	0.00	120670	91.0	282.3	246.2	306.2

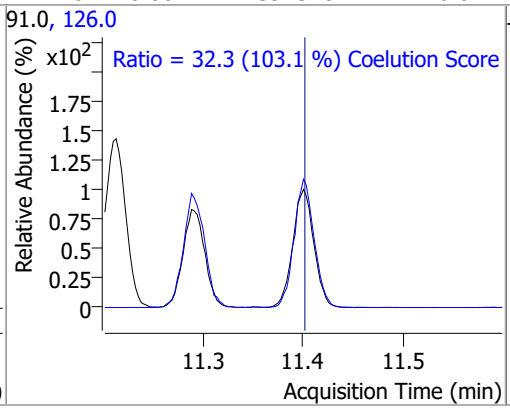


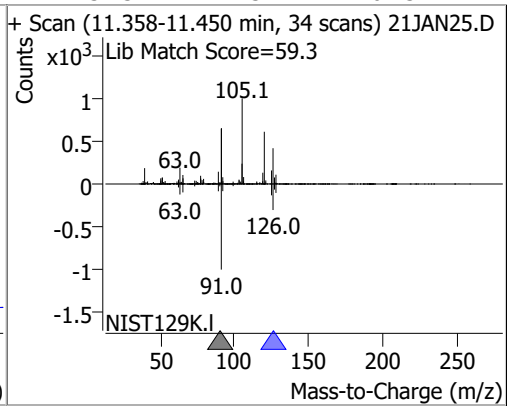




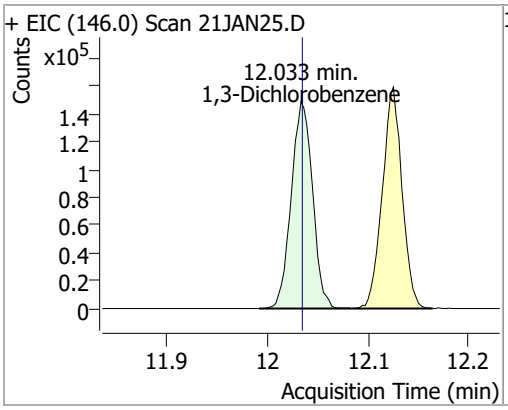
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	140.1207	11.40	0.00	397370	126.0	32.3	1.3	61.3

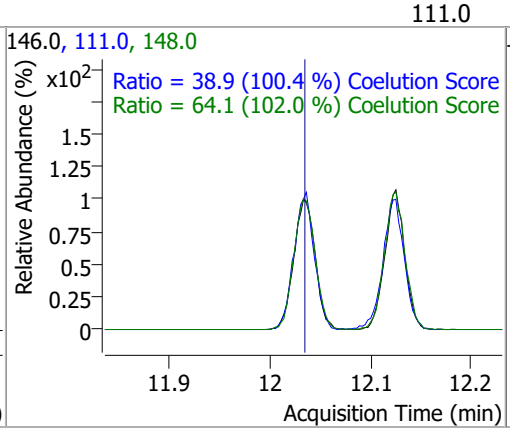


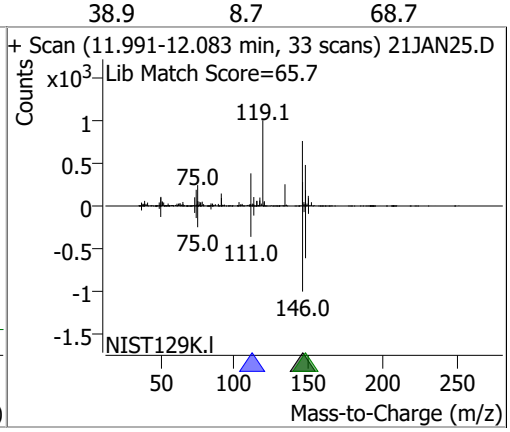




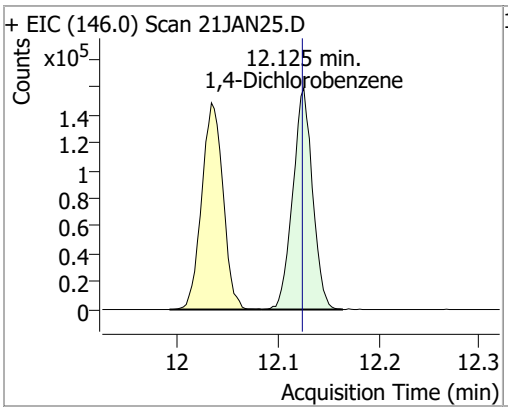
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	137.3101	12.03	0.00	220089	148.0	64.1	32.8	92.8
					111.0	38.9	8.7	68.7

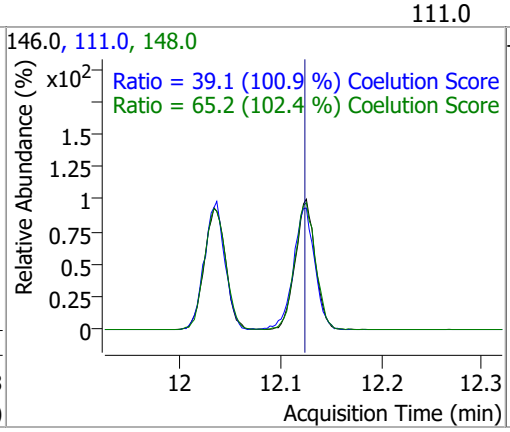


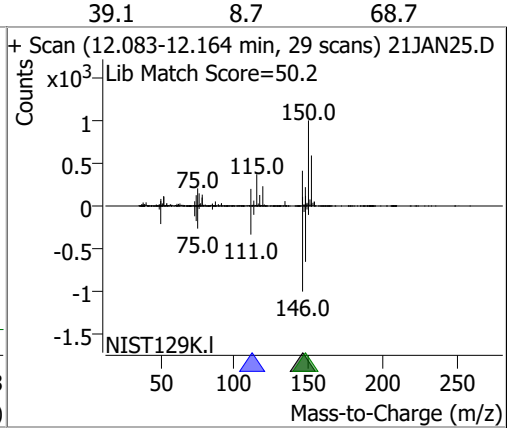




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	133.6257	12.13	0.00	218356	148.0	65.2	33.7	93.7
					111.0	39.1	8.7	68.7

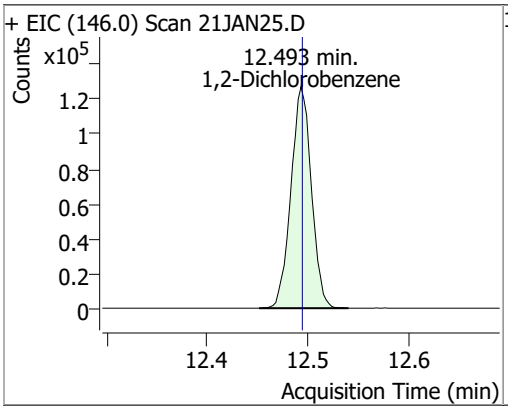


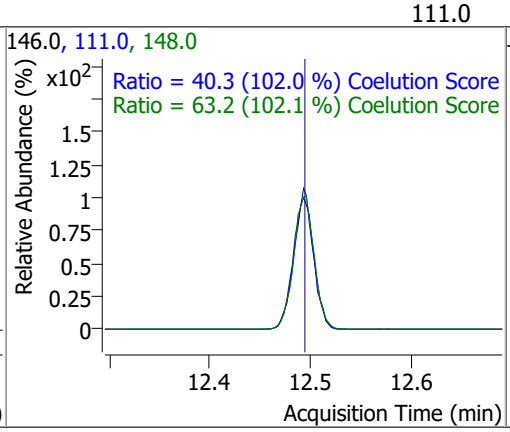


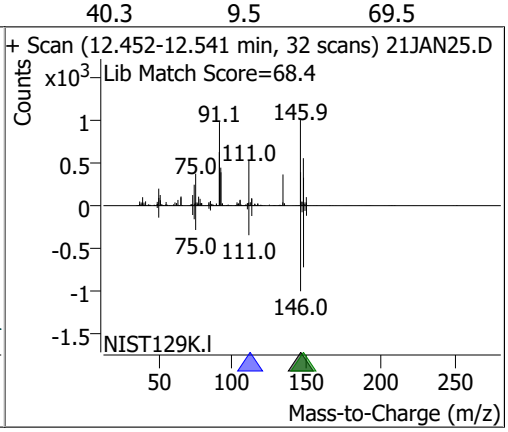


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	134.4702	12.49	0.00	179948	148.0	63.2	31.9	91.9
					111.0	40.3	9.5	69.5







Quantitation Results Report (QT Reviewed)

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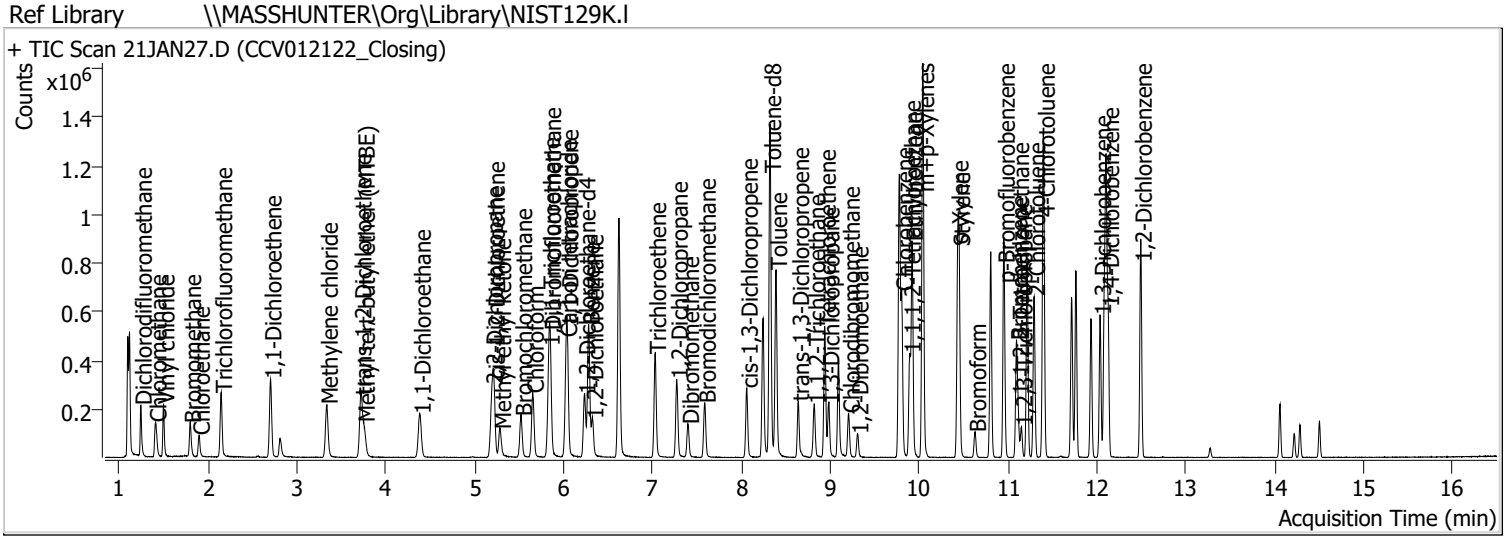
Data File	21JAN27.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	1/21/2022 9:37:32 PM
Sample Name	CCV012122_Closing	Instrument	VOA5975C
Vial	27	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_L4_011922.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG012122_8260B.batch.bin	Last Calib Update	3/11/2022 3:55:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

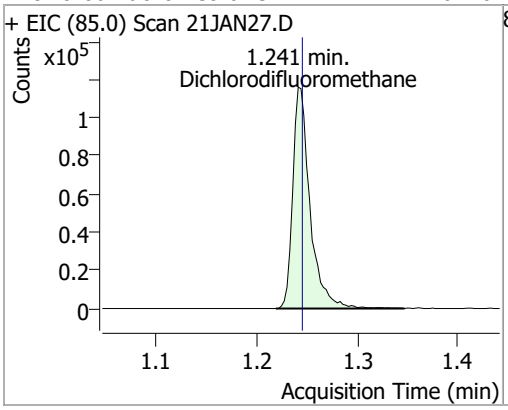


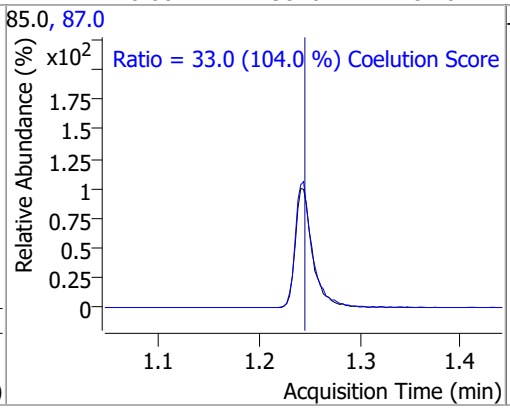
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	848373	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	324669	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	275784	250.0000	ng	0.003
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	212656	258.7941	ng	-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 103.52%		
S 1,2-Dichloroethane-d4	6.233	67.0	94088	265.0658	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 106.03%		
S Toluene-d8	8.322	98.0	844885	266.7391	ng	0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.70%		
S p-Bromofluorobenzene	10.951	95.0	258869	254.2272	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 101.69%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	1.241	85.0	138762	121.6416	ng	98
T Chloromethane	1.409	50.0	159807	118.9901	ng	98
T Vinyl chloride	1.498	62.0	149726	122.4780	ng	98
T Bromomethane	1.796	96.0	68383	128.7362	ng	97
T Chloroethane	1.897	64.0	61539	106.4006	ng	98
T Trichlorofluoromethane	2.145	101.0	184965	126.1772	ng	99
T 1,1-Dichloroethene	2.702	96.0	110700	129.7825	ng	97
T Methylene chloride	3.335	49.0	156141	125.9059	ng	98
T trans-1,2-Dichloroethene	3.715	96.0	113249	128.5229	ng	99
T Methyl tert-butyl ether (MTBE)	3.751	73.0	128714	116.8707	ng	99
T 1,1-Dichloroethane	4.381	63.0	217843	132.0969	ng	99
T 2,2-Dichloropropane	5.193	77.0	154367	124.2099	ng	98
T cis-1,2-Dichloroethene	5.215	96.0	115421	129.3691	ng	99
T Methyl ethyl ketone	5.285	43.0	157397	1220.7484	ng	100
T Bromochloromethane	5.522	128.0	48923	132.9951	ng	96
T Chloroform	5.653	83.0	209094	126.9854	ng	99

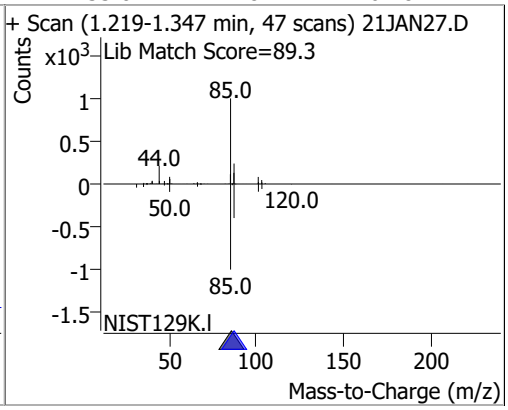
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	202017	132.9717	ng	98
T Carbon tetrachloride	6.027	117.0	199592	135.4573	ng	99
T 1,1-Dichloropropene	6.040	75.0	166690	135.3036	ng	99
T Benzene	6.280	78.0	449906	132.7506	ng	99
T 1,2-Dichloroethane	6.325	62.0	114886	122.7306	ng	99
T Trichloroethene	7.028	95.0	132796	136.6244	ng	97
T 1,2-Dichloropropane	7.270	63.0	112475	131.6144	ng	98
T Dibromomethane	7.399	93.0	46872	130.1245	ng	99
T Bromodichloromethane	7.585	83.0	134499	132.7866	ng	97
T cis-1,3-Dichloropropene	8.059	75.0	141988	127.7466	ng	99
T Toluene	8.388	92.0	289164	136.9599	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	106770	131.6940	ng	96
T 1,1,2-Trichloroethane	8.818	83.0	51914	125.9283	ng	94
T Tetrachloroethene	8.935	163.8	114952	134.2671	ng	99
T 1,3-Dichloropropane	8.980	76.0	110095	131.9693	ng	100
T Chlorodibromomethane	9.206	129.0	86040	129.5909	ng	99
T 1,2-Dibromoethane	9.303	107.0	58270	127.9779	ng	95
T Chlorobenzene	9.802	112.0	310130	133.9947	ng	98
T 1,1,1,2-Tetrachloroethane	9.892	131.0	107165	131.9643	ng	99
T Ethylbenzene	9.917	91.0	540079	133.5398	ng	99
T m+p-Xylenes	10.042	106.0	424544	263.7018	ng	97
T o-Xylene	10.430	106.0	190542	135.1013	ng	99
T Styrene	10.449	104.0	313342	134.4419	ng	99
T Bromoform	10.628	172.5	46843	126.7581	ng	99
T Bromobenzene	11.093	156.0	118584	132.0584	ng	100
T 1,1,2,2-Tetrachloroethane	11.110	83.0	65143	127.1850	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	16783	124.7155	ng	98
T 2-Chlorotoluene	11.291	126.0	119840	134.8441	ng	98
T 4-Chlorotoluene	11.400	91.0	395034	137.2352	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	213244	131.0705	ng	97
T 1,4-Dichlorobenzene	12.125	146.0	219643	132.4237	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	179758	132.3400	ng	98

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

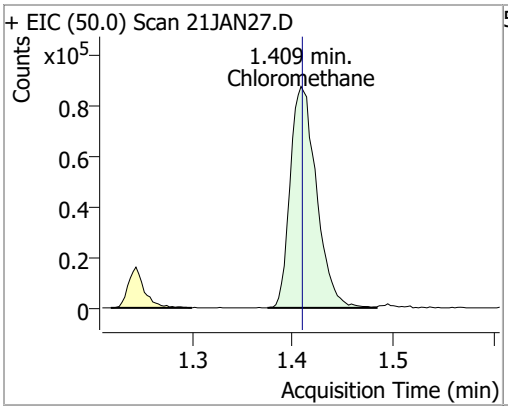
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	121.6416	1.24	0.00	138762	87.0	33.0	1.8	61.8

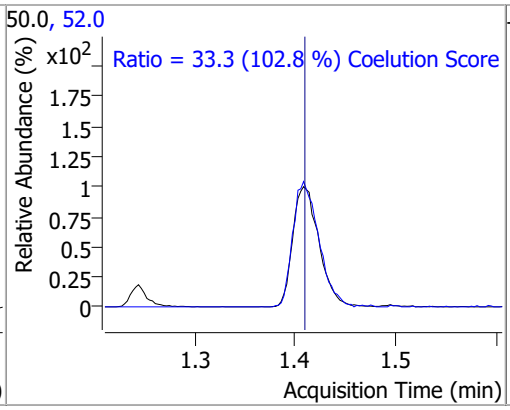


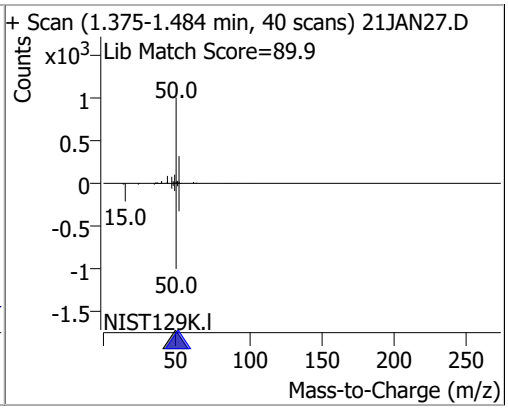




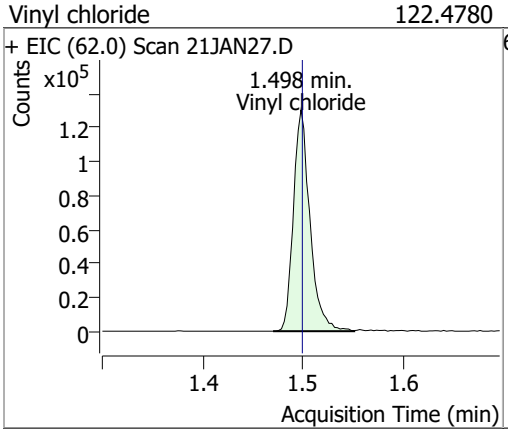
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	118.9901	1.41	0.00	159807	52.0	33.3	2.4	62.4

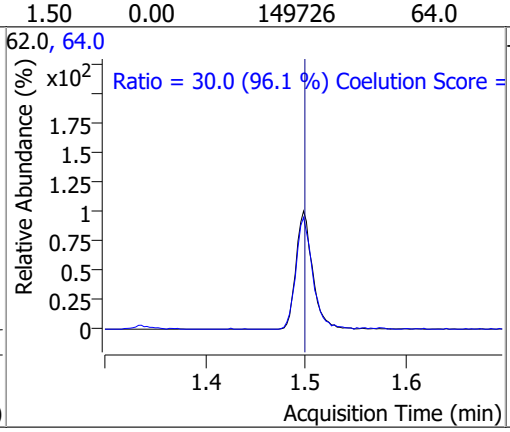


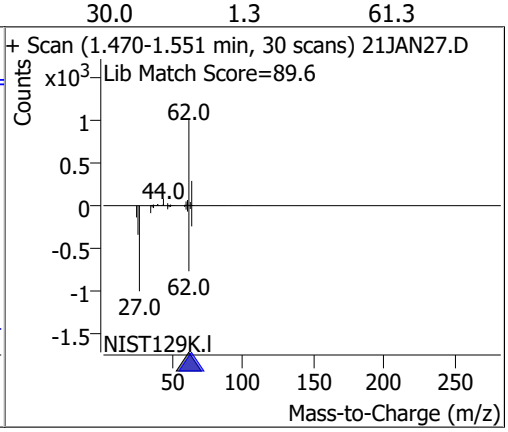




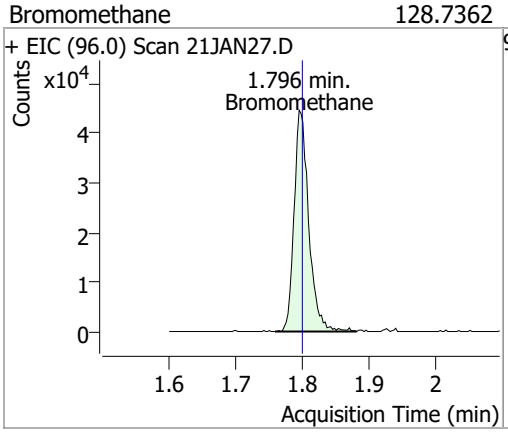
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	122.4780	1.50	0.00	149726	64.0	30.0	1.3	61.3

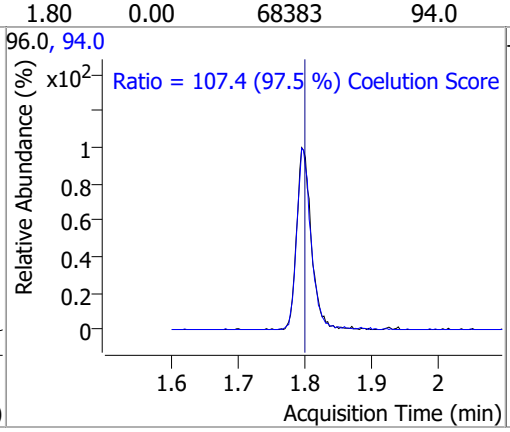


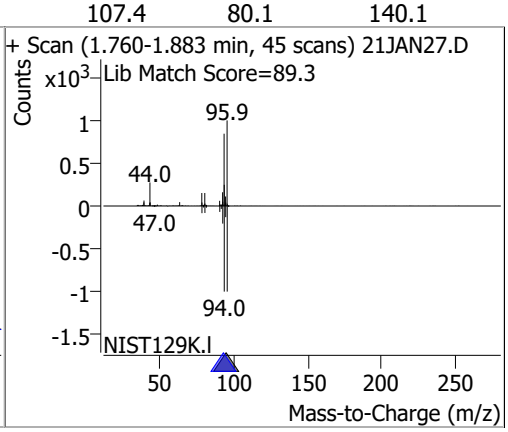




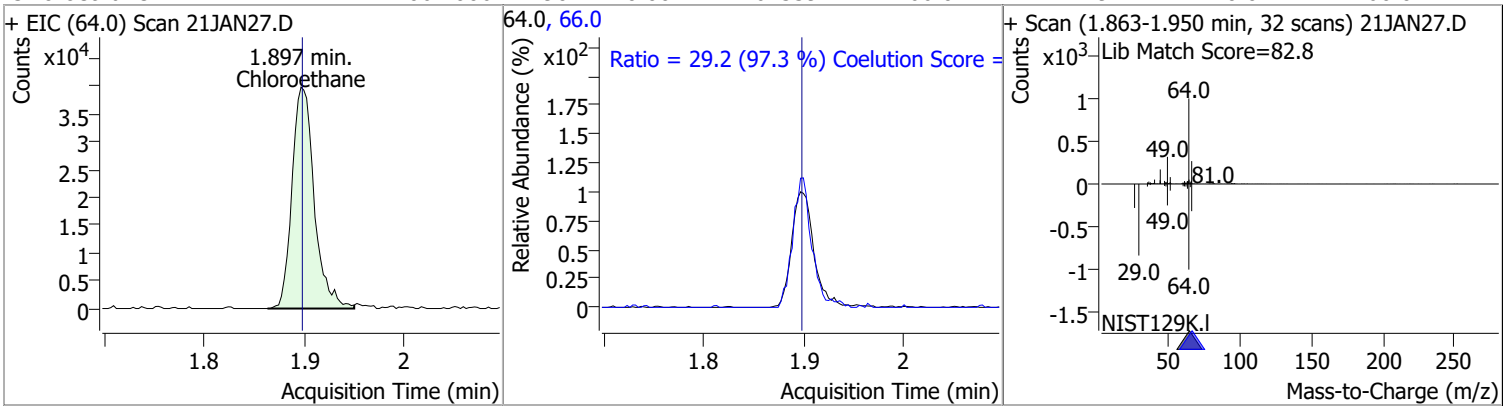
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	128.7362	1.80	0.00	68383	94.0	107.4	80.1	140.1



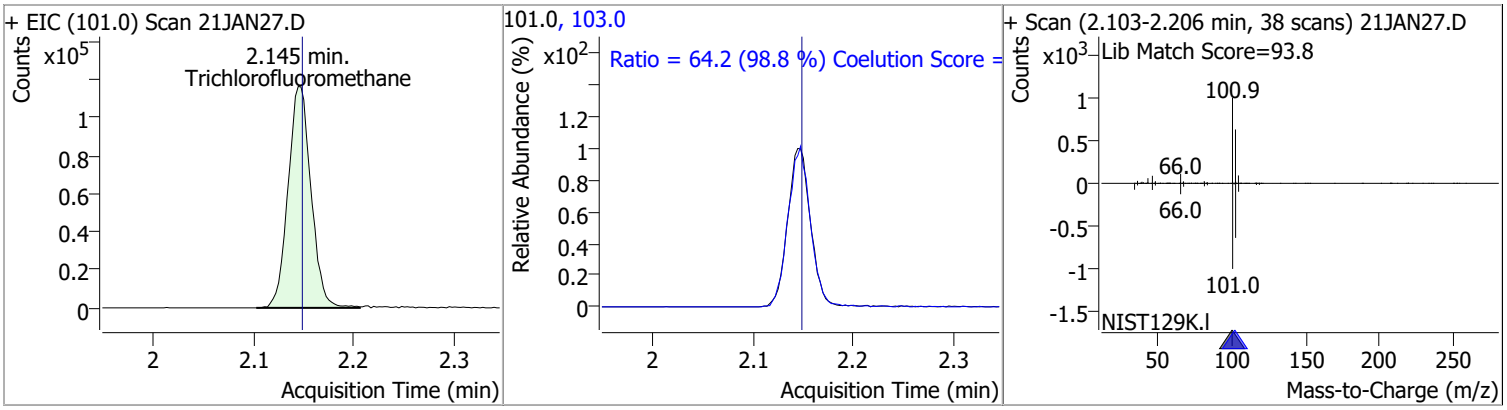




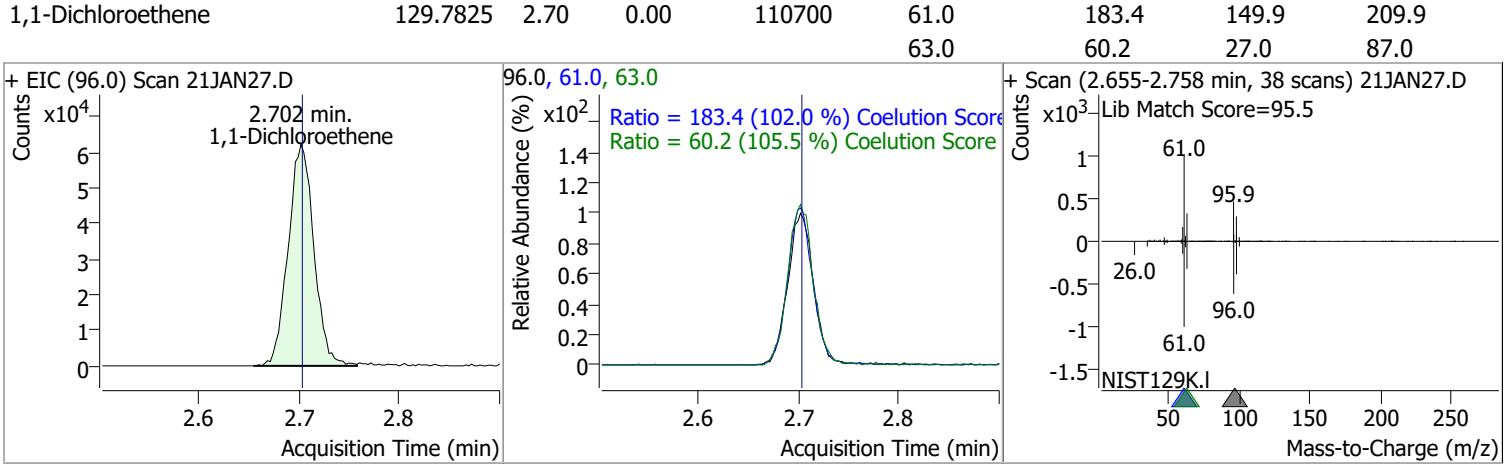
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	106.4006	1.90	0.00	61539	66.0	29.2	0.0	60.0



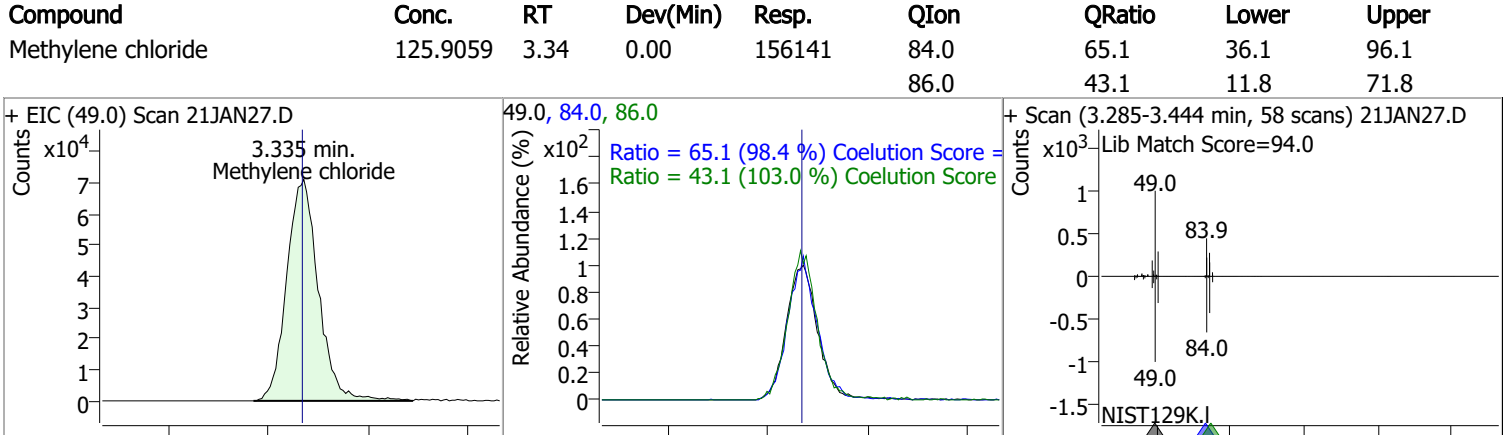
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	126.1772	2.14	0.00	184965	103.0	64.2	35.0	95.0



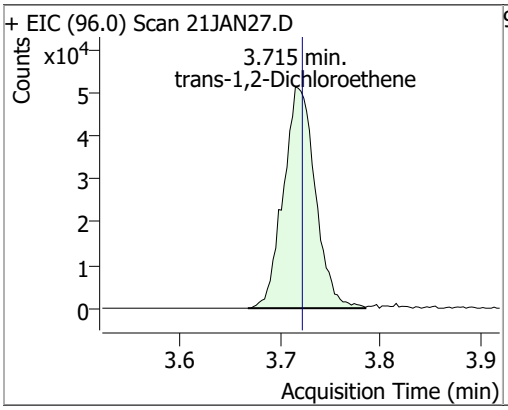
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	129.7825	2.70	0.00	110700	61.0	183.4	149.9	209.9
					63.0	60.2	27.0	87.0

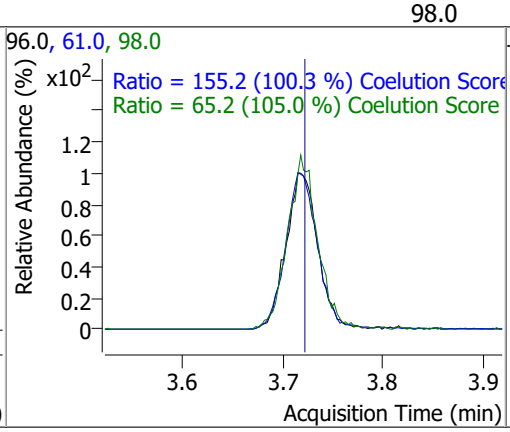


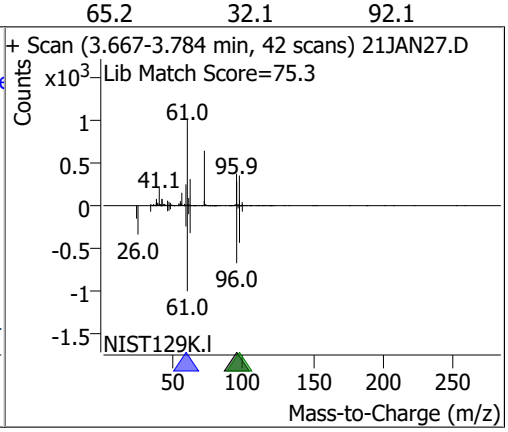
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	125.9059	3.34	0.00	156141	84.0	65.1	36.1	96.1
					86.0	43.1	11.8	71.8



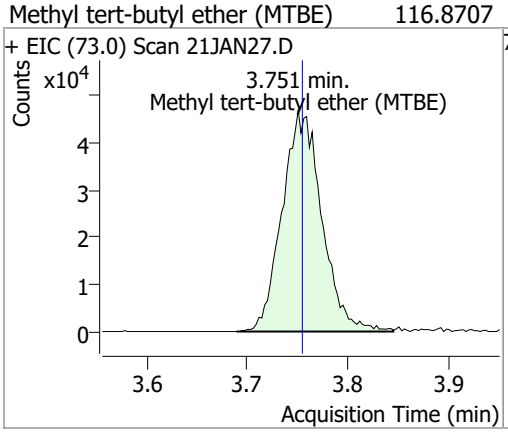
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	128.5229	3.71	-0.01	113249	61.0	155.2	124.8	184.8
					98.0	65.2	32.1	92.1

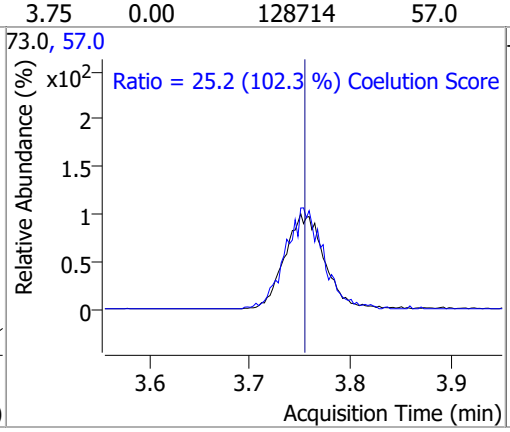


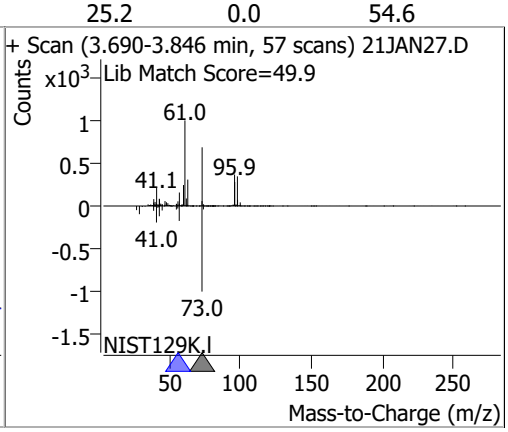




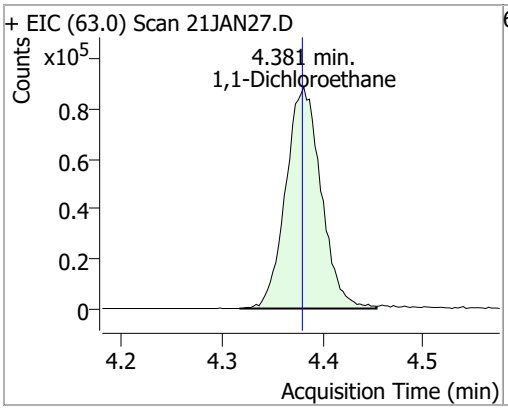
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	116.8707	3.75	0.00	128714	57.0	25.2	0.0	54.6

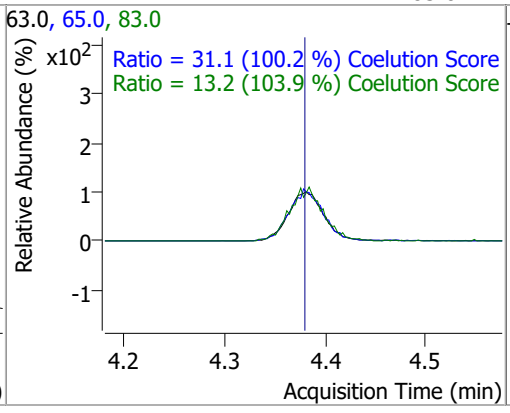


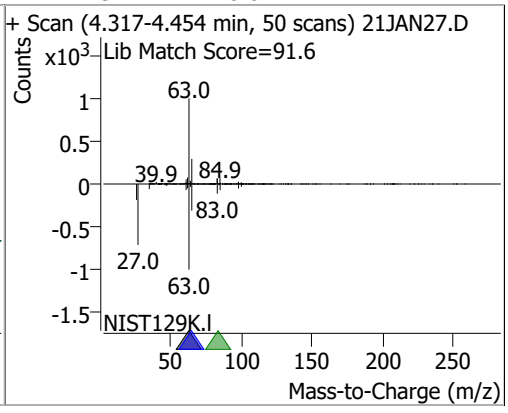




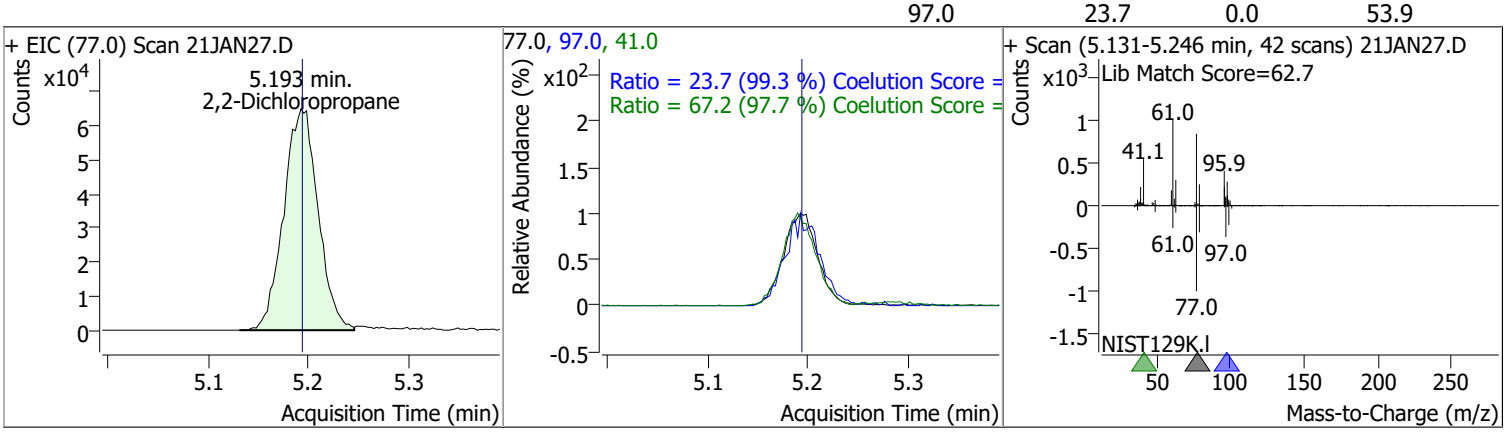
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	132.0969	4.38	0.00	217843	65.0	31.1	1.0	61.0
					83.0	13.2	0.0	42.7



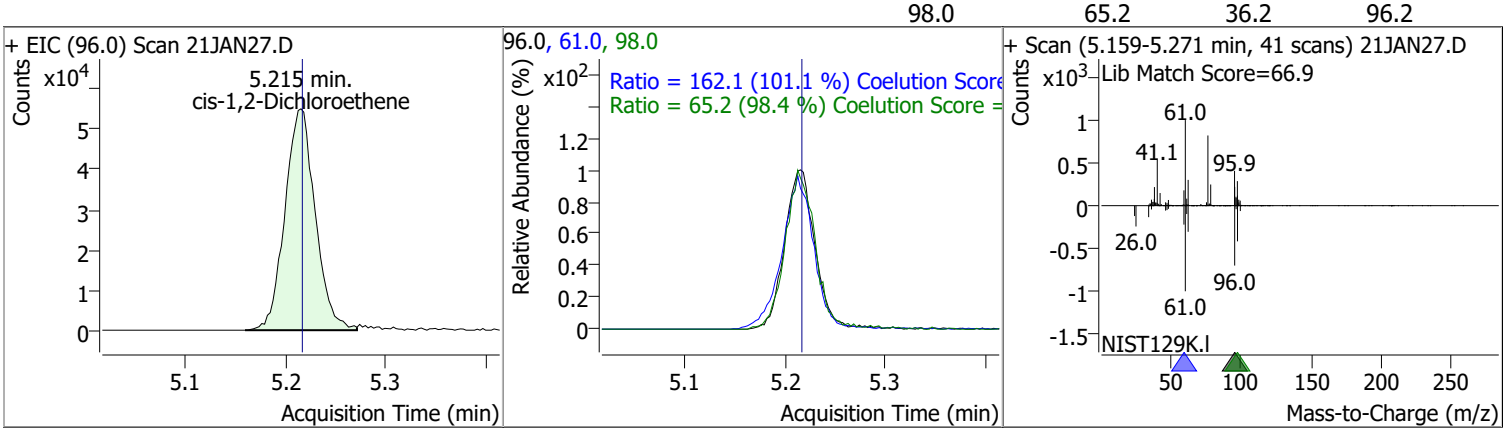




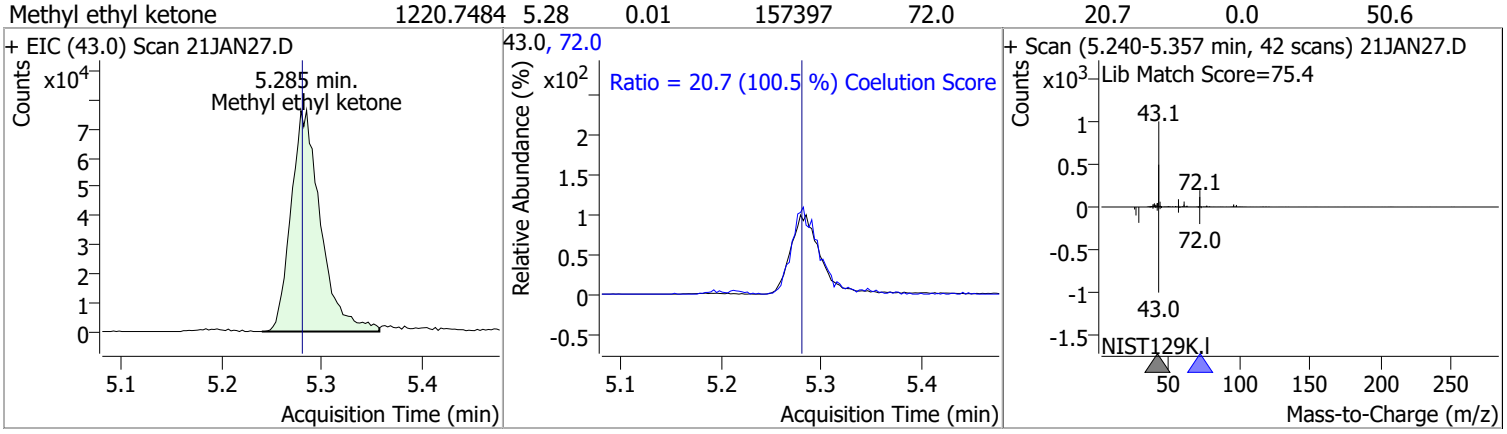
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	124.2099	5.19	0.00	154367	41.0	67.2	38.8	98.8
					97.0	23.7	0.0	53.9



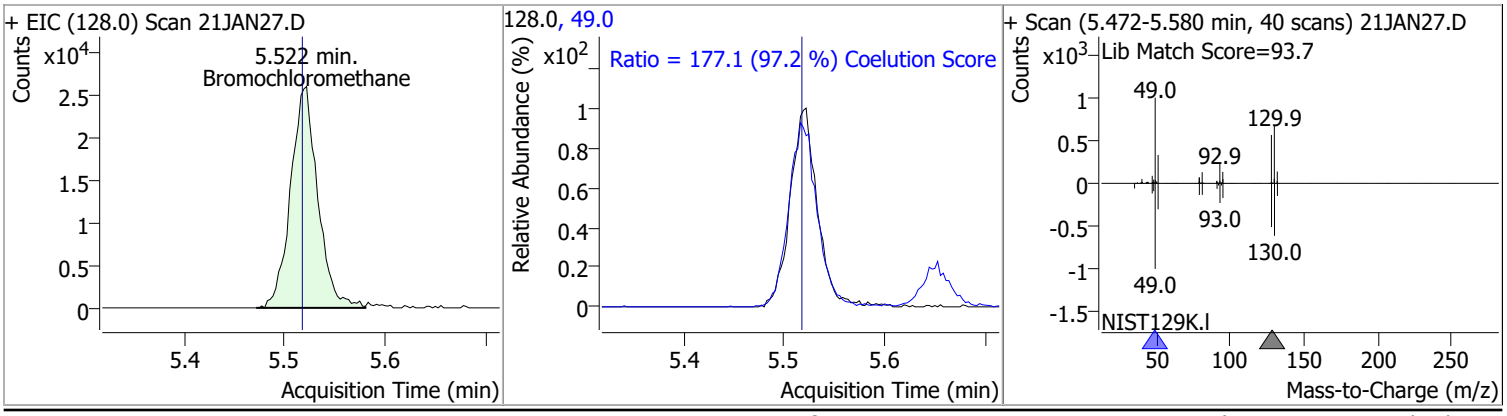
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	129.3691	5.22	0.00	115421	61.0	162.1	130.4	190.4
					98.0	65.2	36.2	96.2



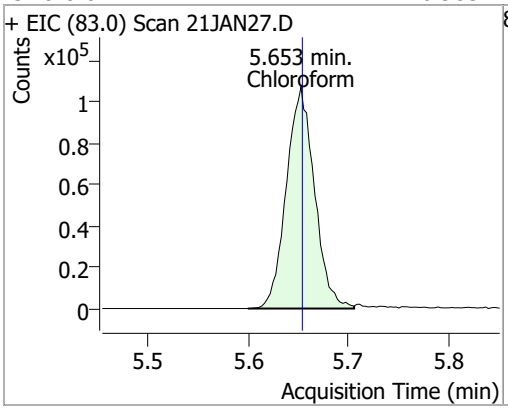
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1220.7484	5.28	0.01	157397	72.0	20.7	0.0	50.6

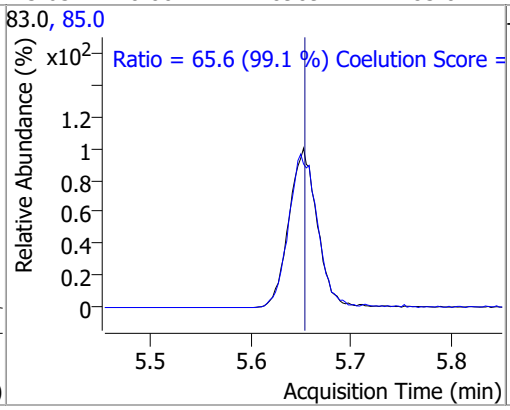


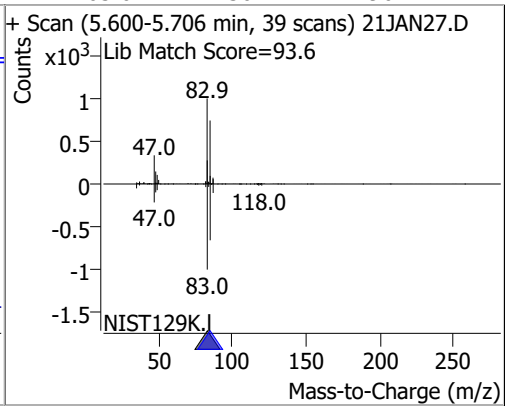
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	132.9951	5.52	0.01	48923	49.0	177.1	152.2	212.2



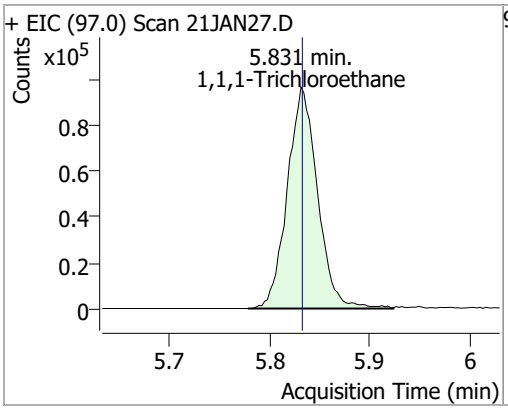
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	126.9854	5.65	0.00	209094	85.0	65.6	36.2	96.2

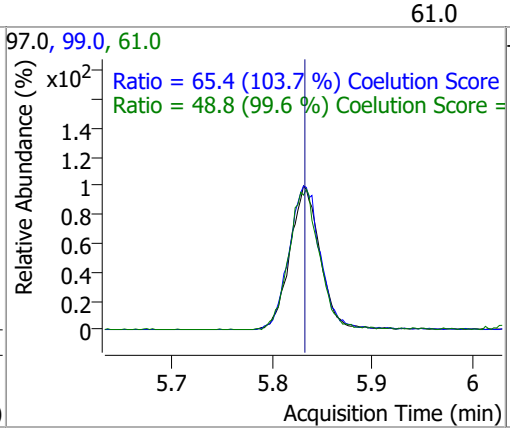


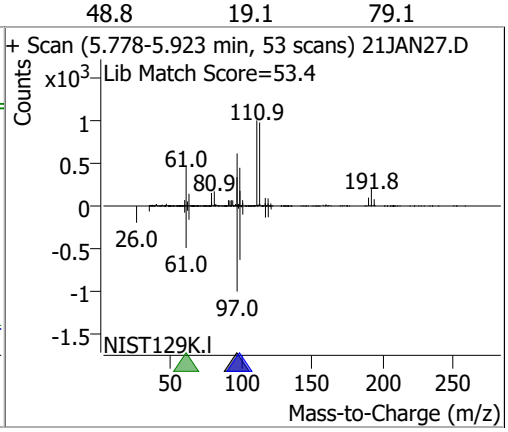




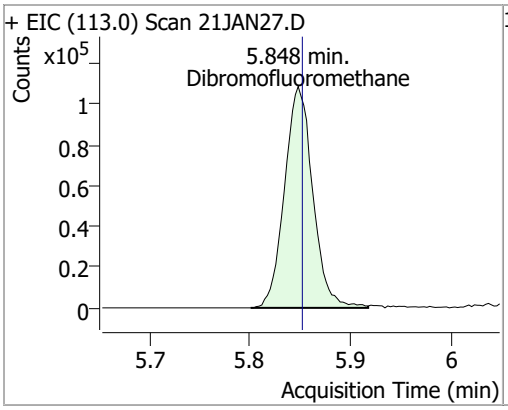
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	132.9717	5.83	0.00	202017	99.0	65.4	33.1	93.1
					61.0	48.8	19.1	79.1

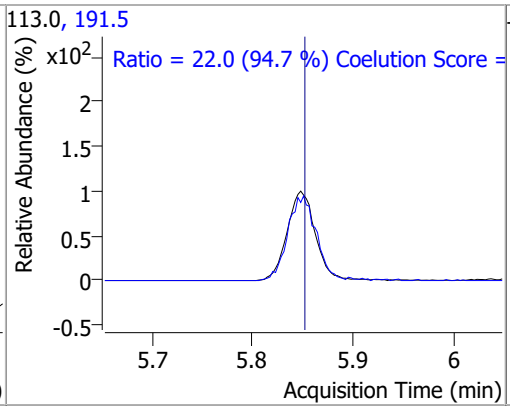


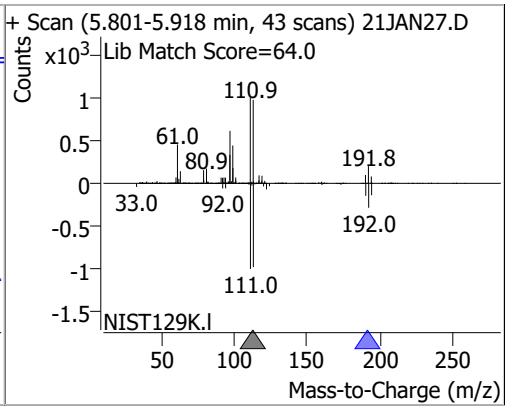




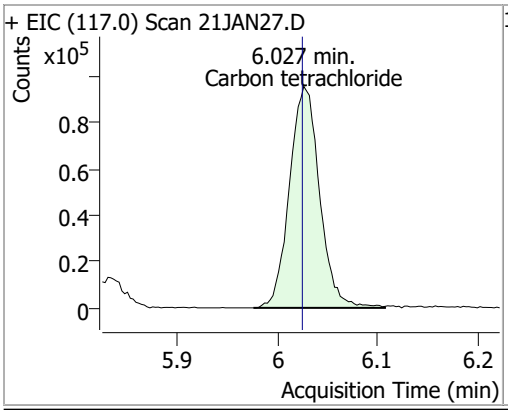
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	258.7941	5.85	0.00	212656	191.5	22.0	0.0	53.2

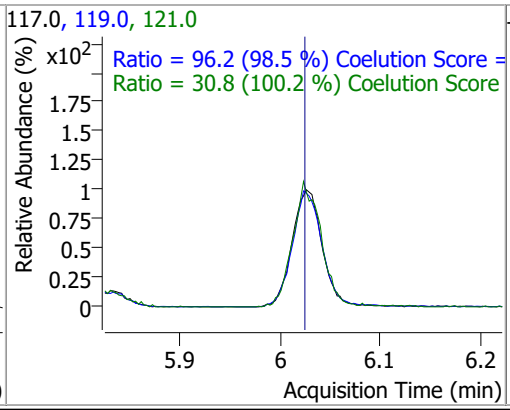


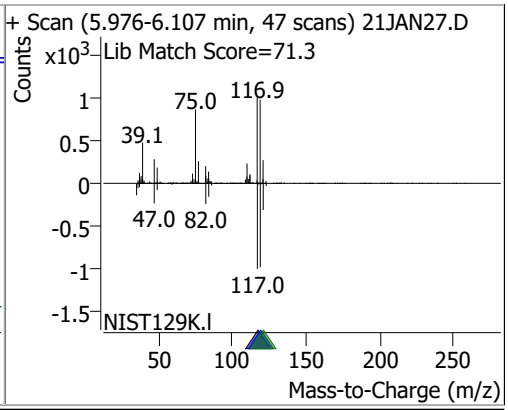




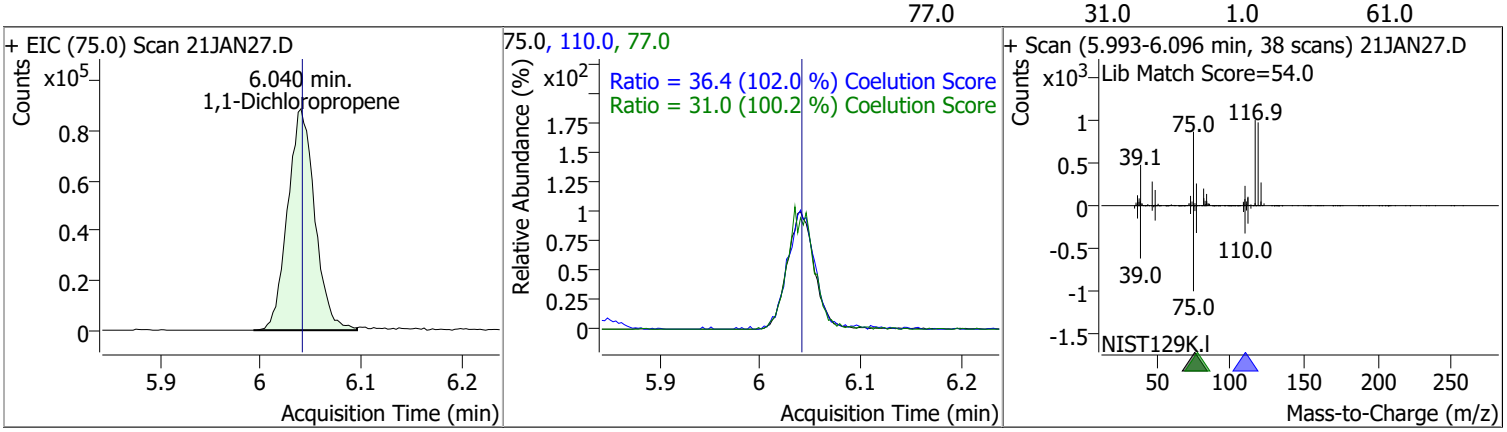
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	135.4573	6.03	0.00	199592	119.0	96.2	67.6	127.6
					121.0	30.8	0.7	60.7



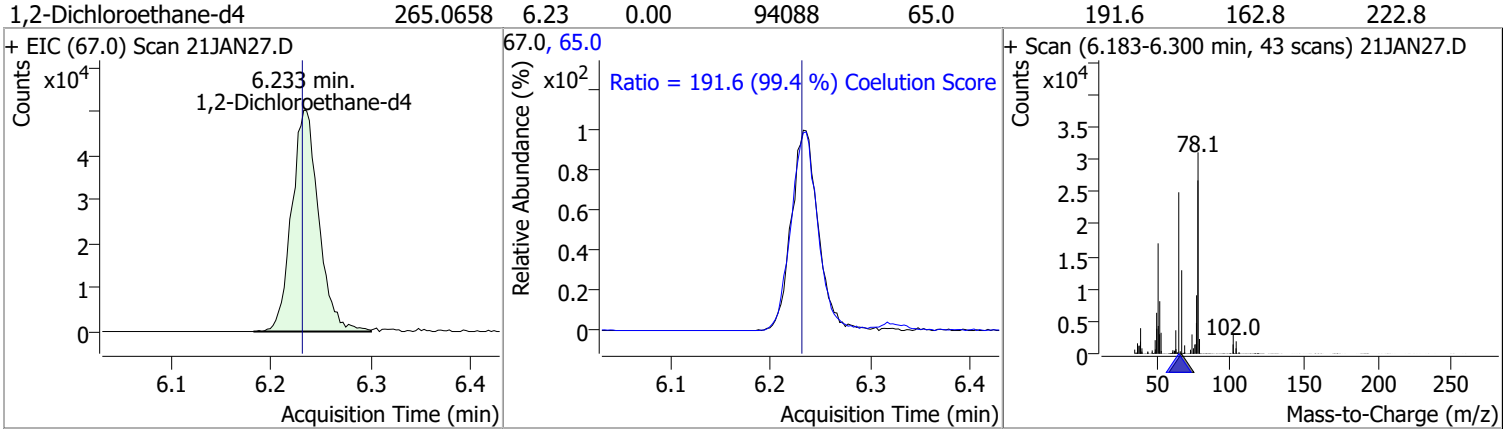




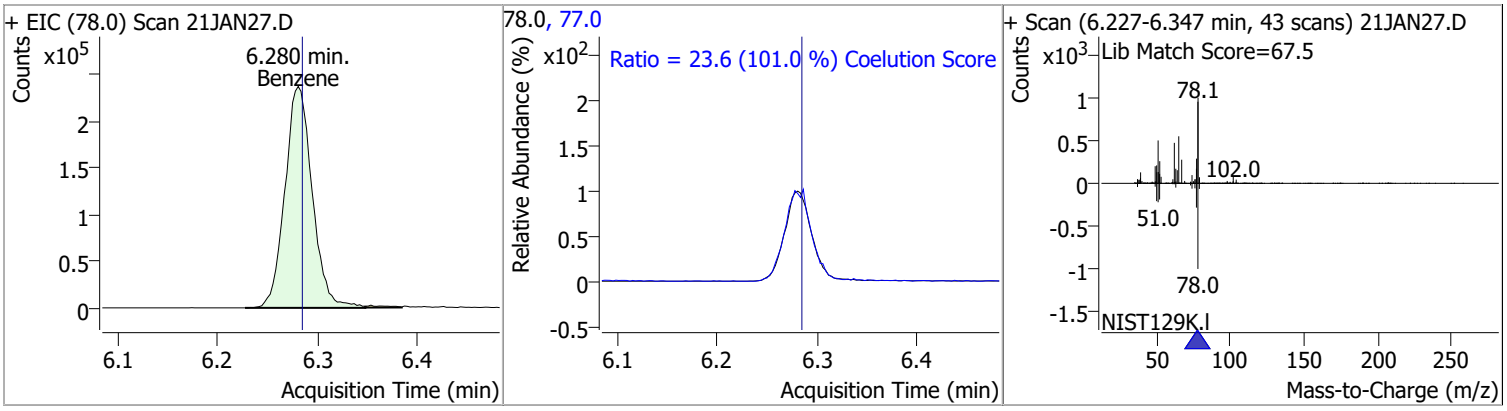
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	135.3036	6.04	0.00	166690	110.0	36.4	5.6	65.6
					77.0	31.0	1.0	61.0



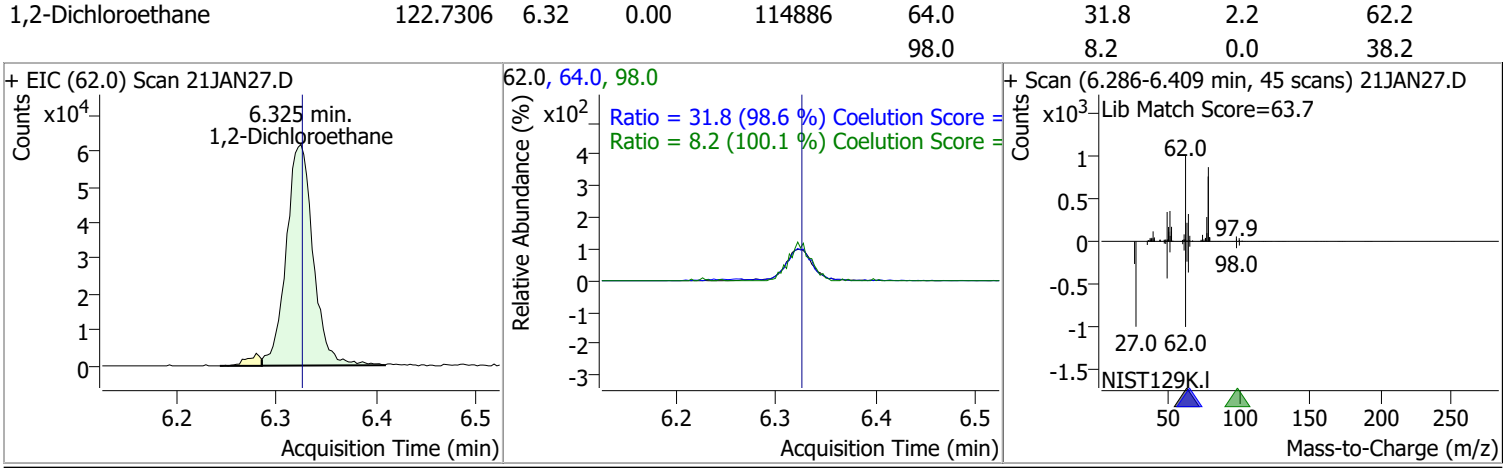
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	265.0658	6.23	0.00	94088	65.0	191.6	162.8	222.8



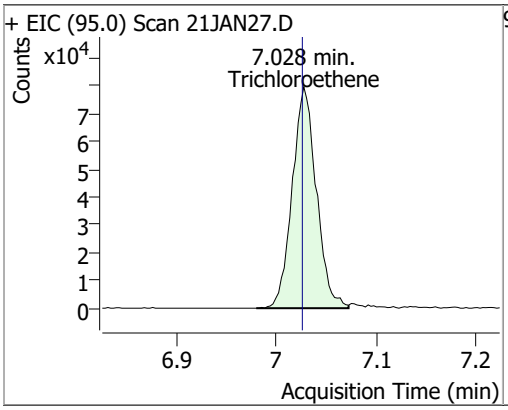
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	132.7506	6.28	0.00	449906	77.0	23.6	0.0	53.3

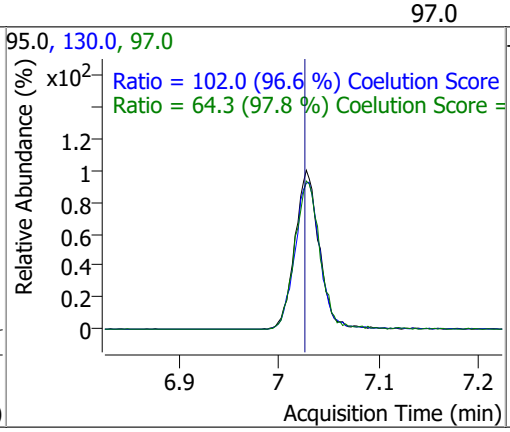


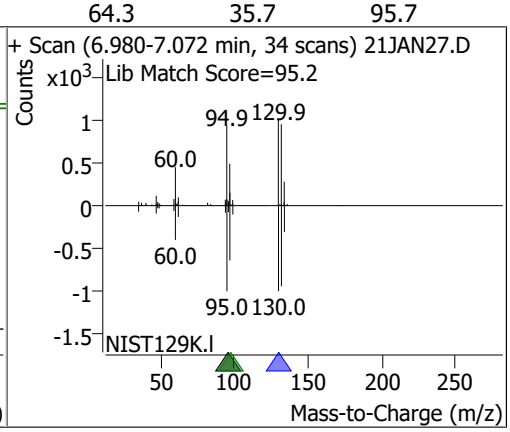
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	122.7306	6.32	0.00	114886	64.0	31.8	2.2	62.2
					98.0	8.2	0.0	38.2



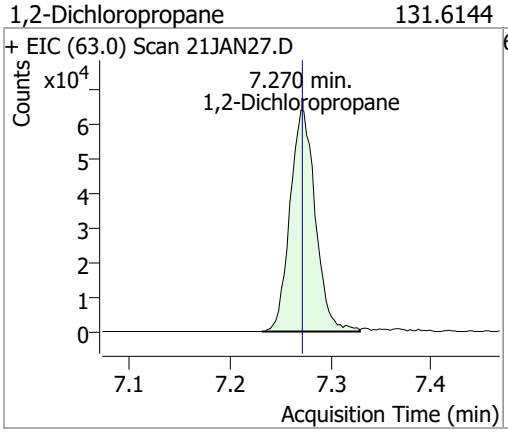
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	136.6244	7.03	0.00	132796	130.0	102.0	75.6	135.6
					97.0	64.3	35.7	95.7

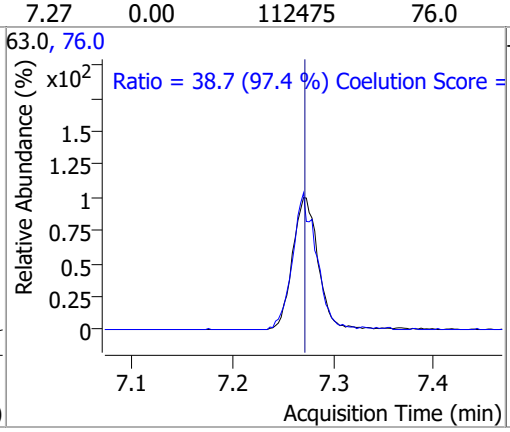


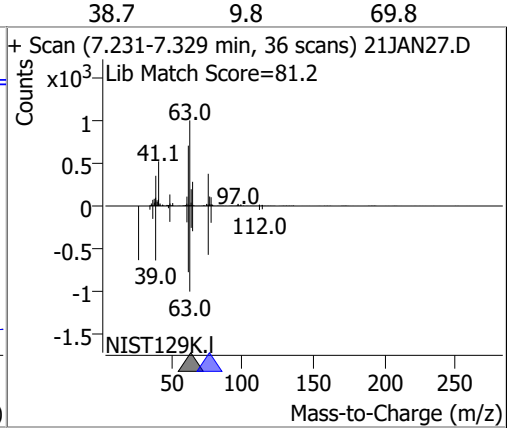




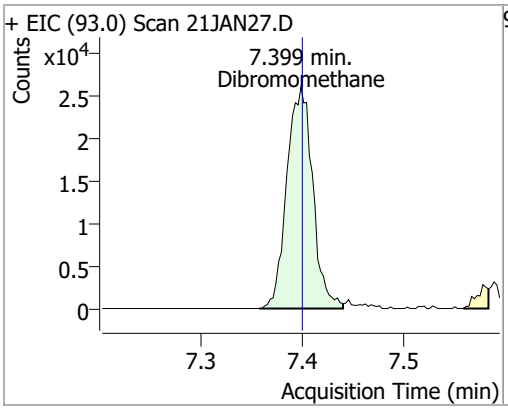
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	131.6144	7.27	0.00	112475	76.0	38.7	9.8	69.8

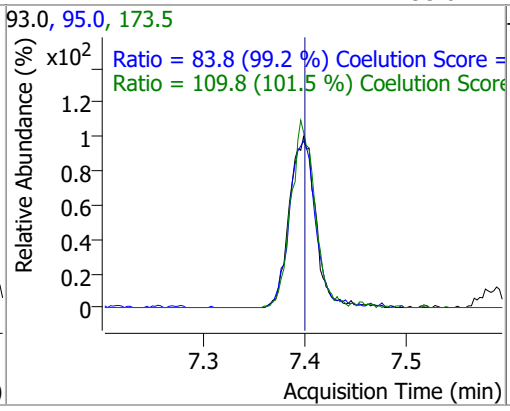


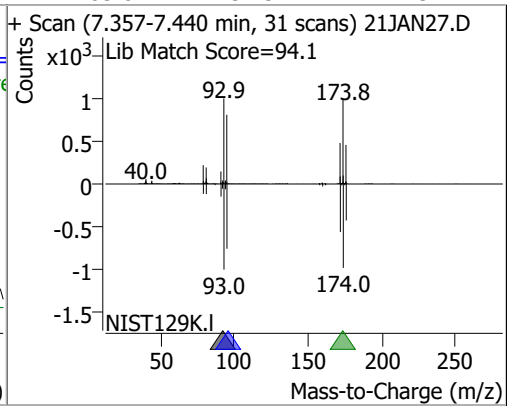




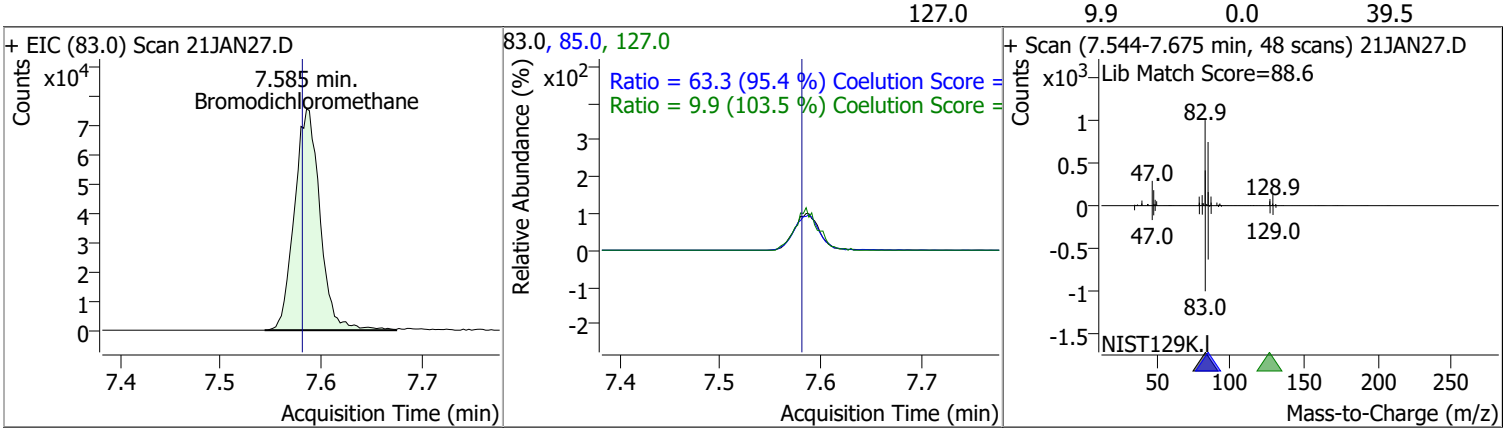
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	130.1245	7.40	0.00	46872	173.5	109.8	78.2	138.2
					95.0	83.8	54.5	114.5



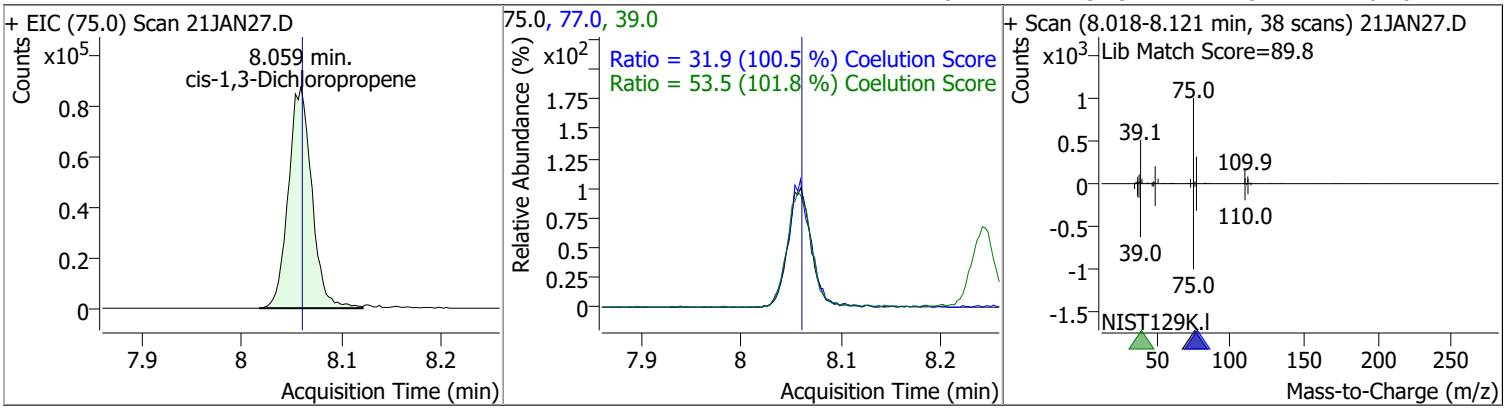




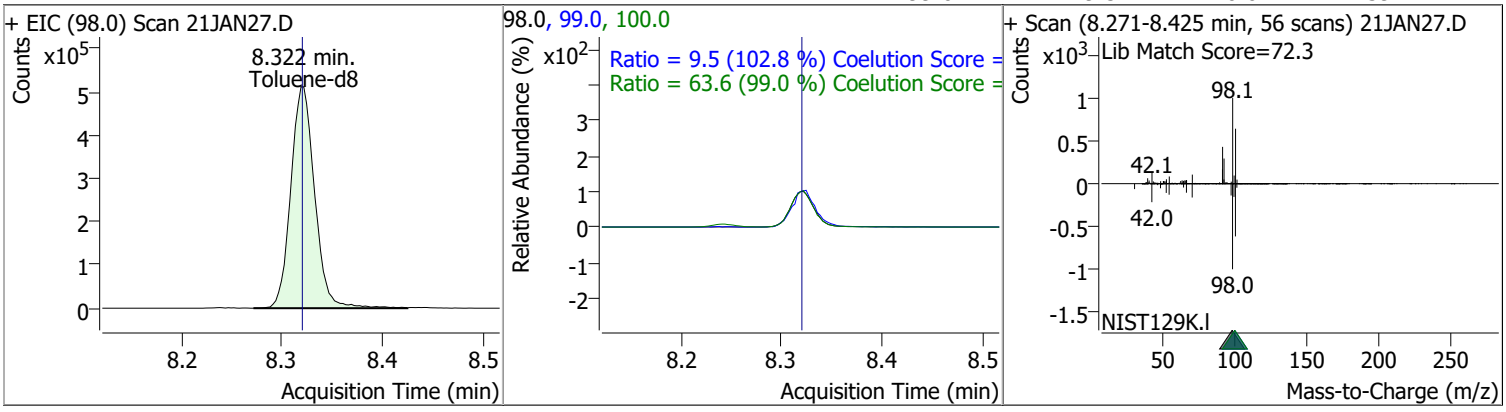
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	132.7866	7.59	0.01	134499	85.0	63.3	36.3	96.3
					127.0	9.9	0.0	39.5



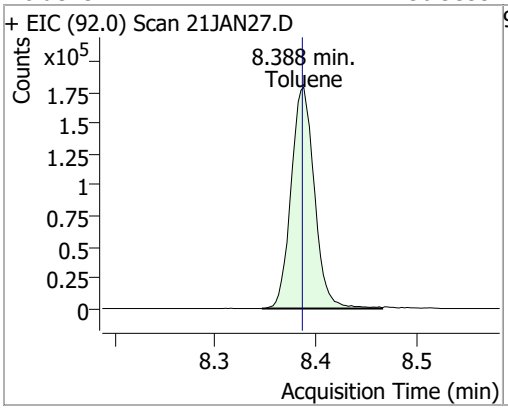
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	127.7466	8.06	0.00	141988	39.0	53.5	22.5	82.5
					77.0	31.9	1.8	61.8

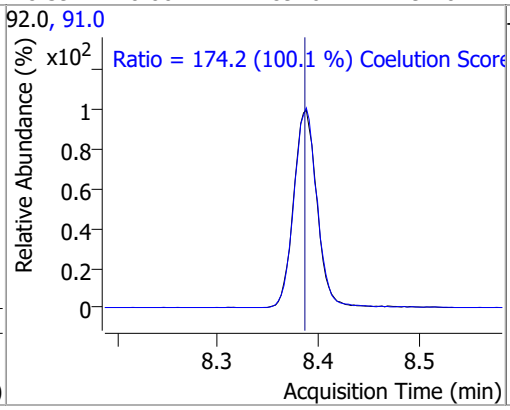


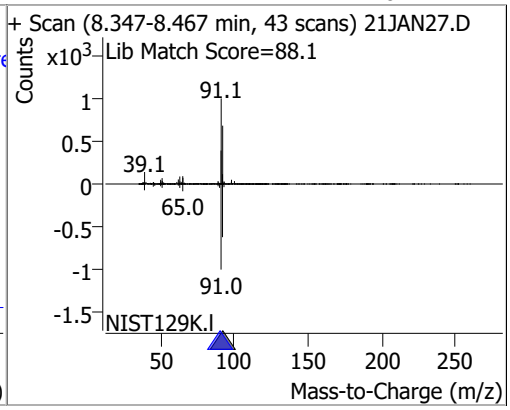
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	266.7391	8.32	0.00	844885	100.0	63.6	34.3	94.3
					99.0	9.5	0.0	39.2



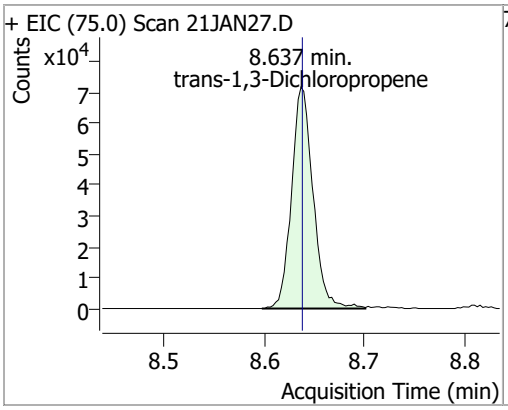
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	136.9599	8.39	0.00	289164	91.0	174.2	144.1	204.1

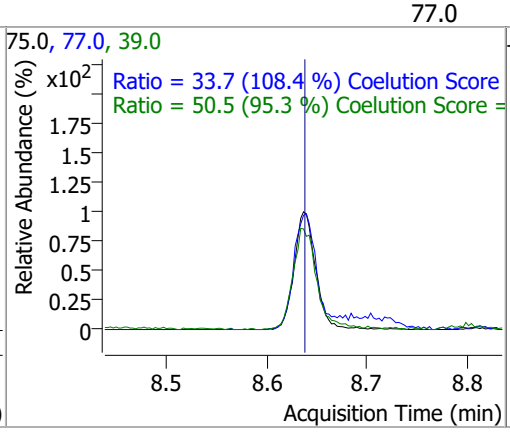


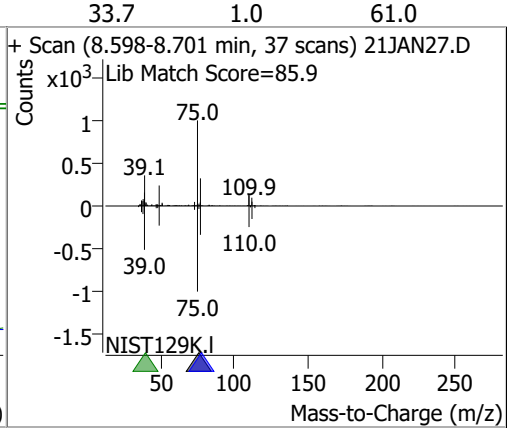




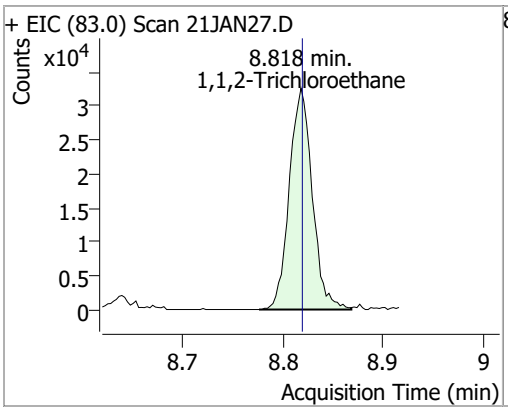
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	131.6940	8.64	0.00	106770	39.0	50.5	23.0	83.0
					77.0	33.7	1.0	61.0

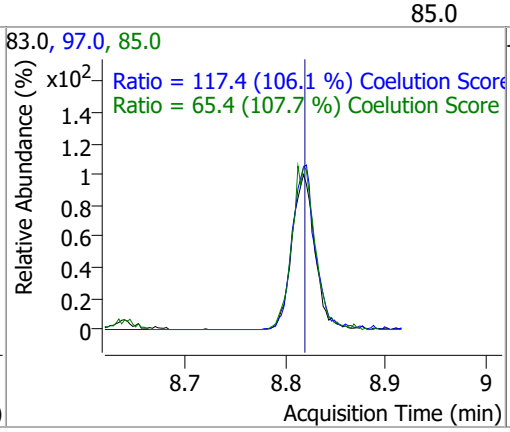


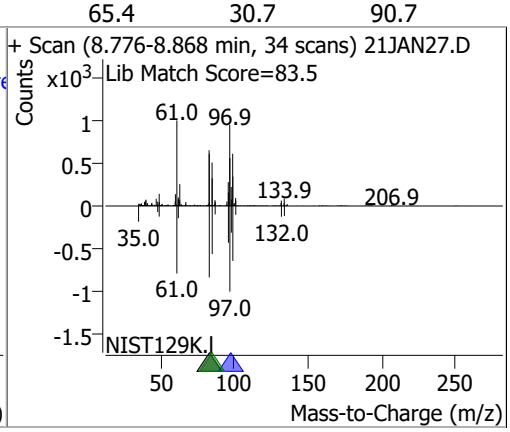




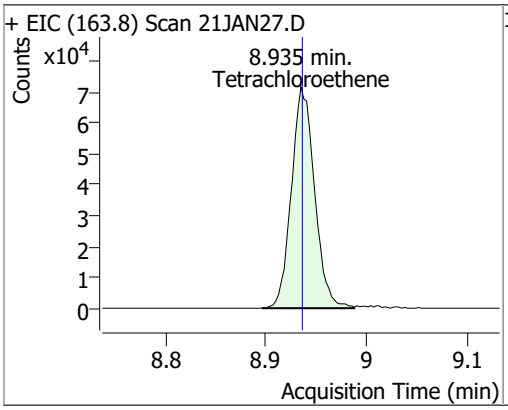
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	125.9283	8.82	0.00	51914	97.0	117.4	80.7	140.7
					85.0	65.4	30.7	90.7

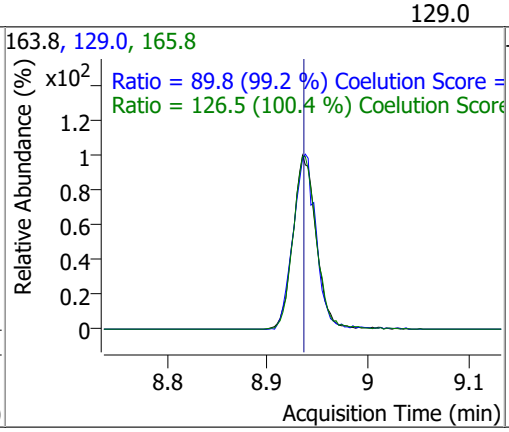


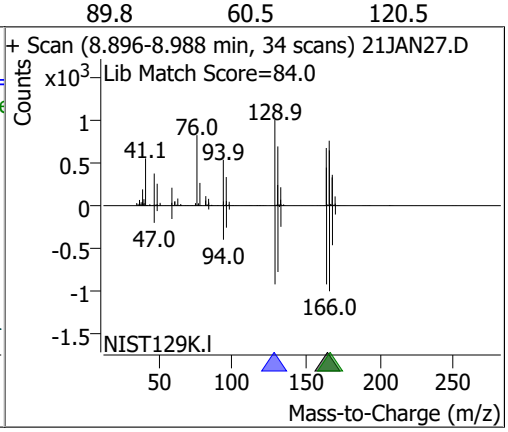




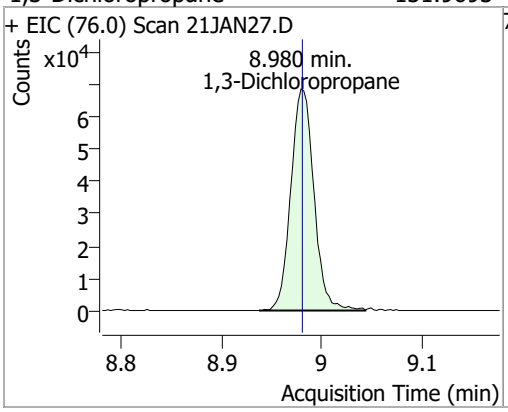
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	134.2671	8.94	0.00	114952	165.8	126.5	96.1	156.1
					129.0	89.8	60.5	120.5

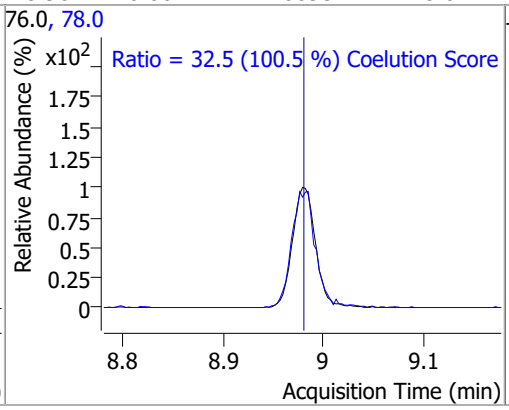


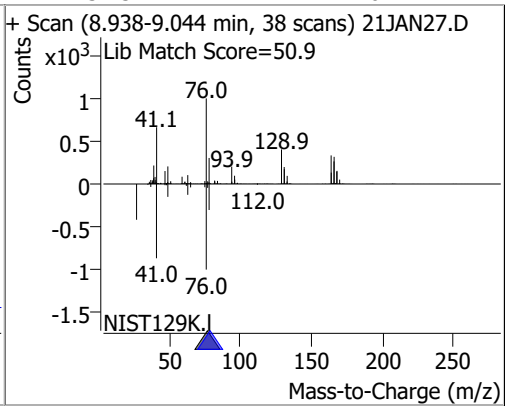




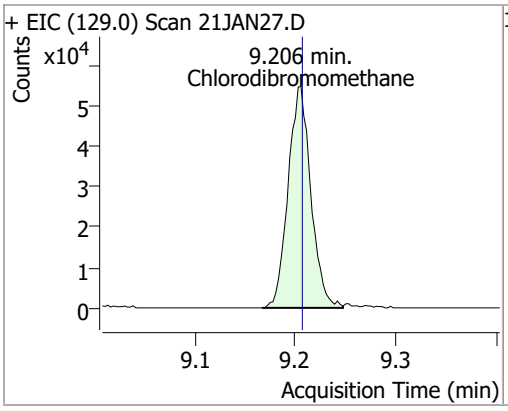
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	131.9693	8.98	0.00	110095	78.0	32.5	2.4	62.4

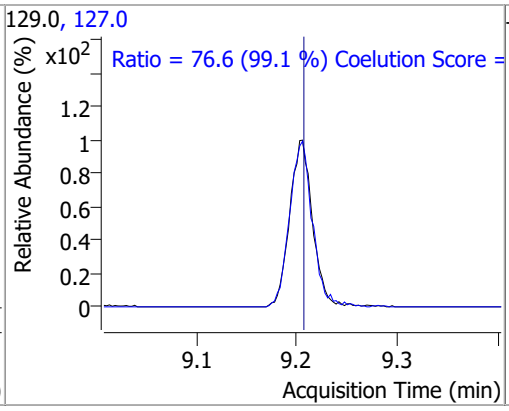


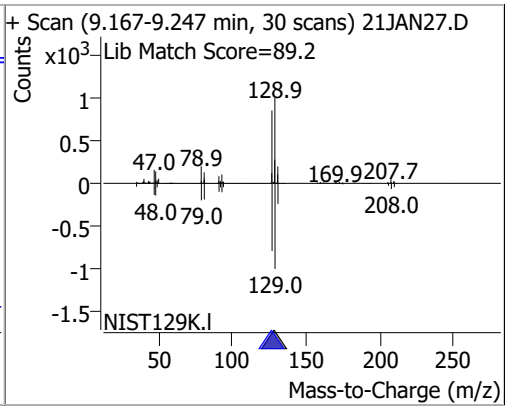




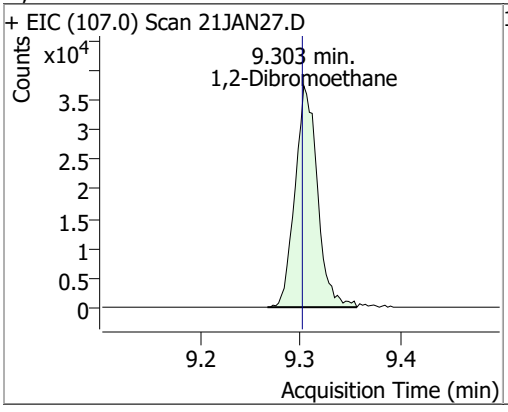
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	129.5909	9.21	0.00	86040	127.0	76.6	47.2	107.2

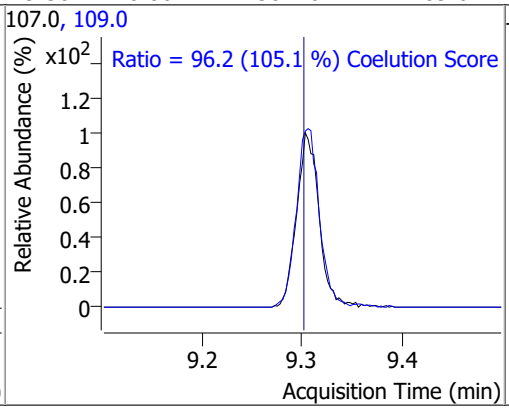


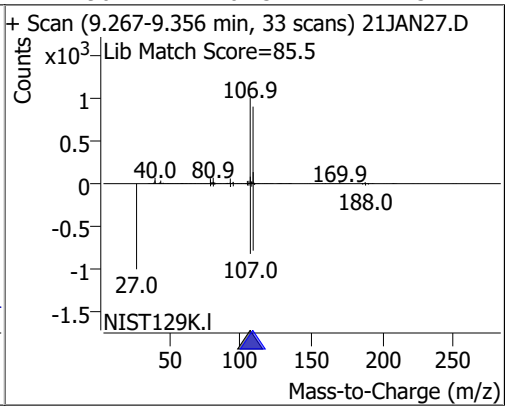




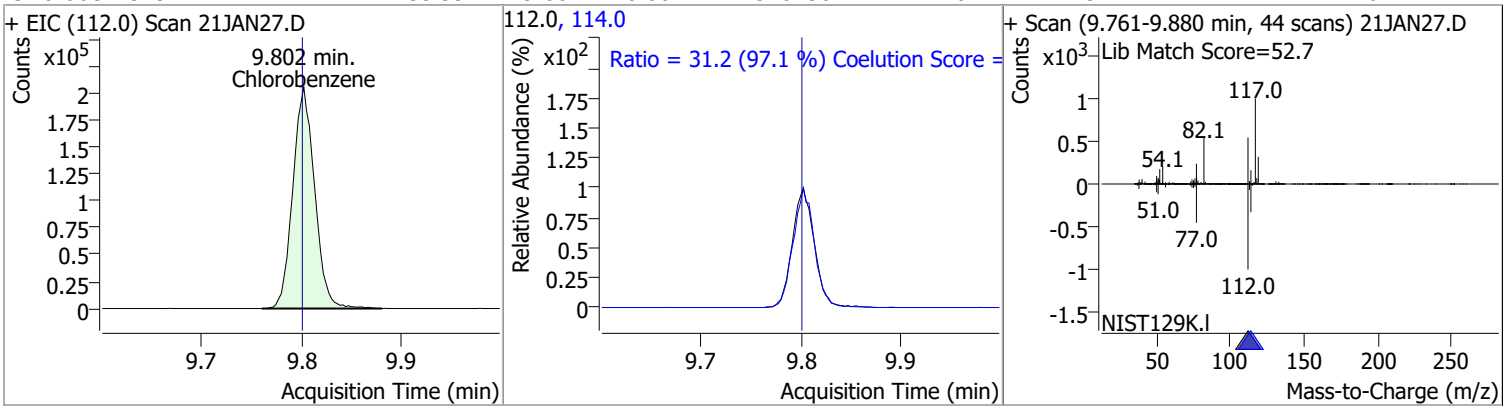
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	127.9779	9.30	0.00	58270	109.0	96.2	61.5	121.5



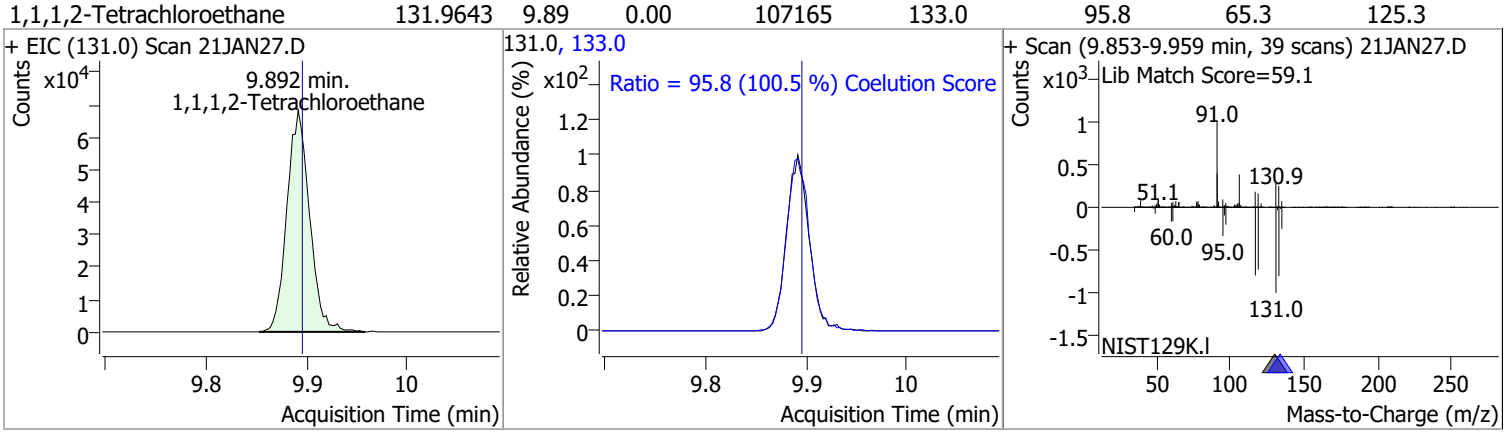




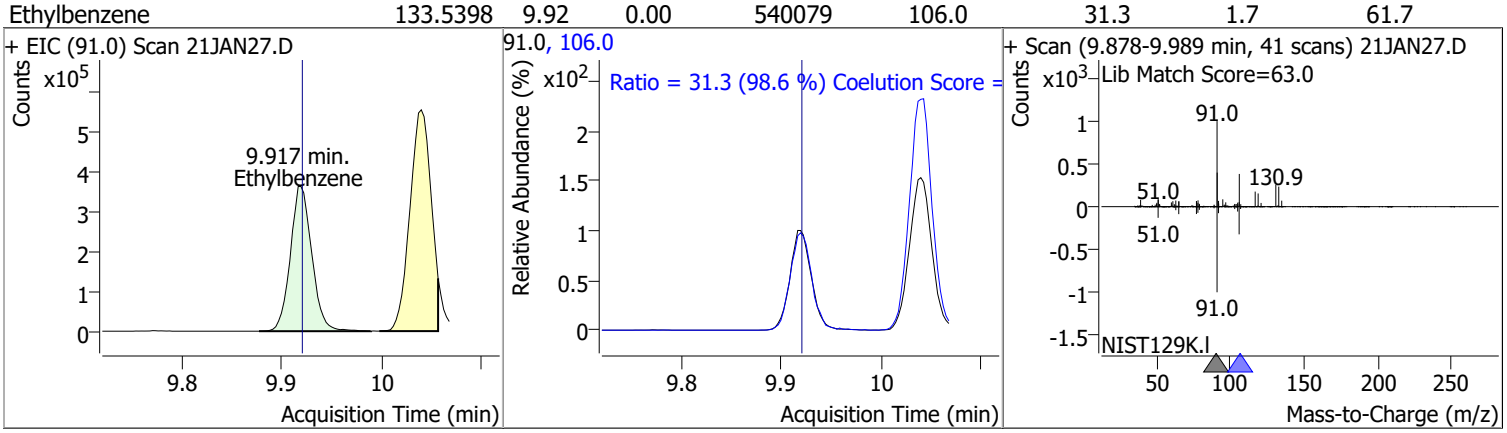
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	133.9947	9.80	0.00	310130	114.0	31.2	2.2	62.2



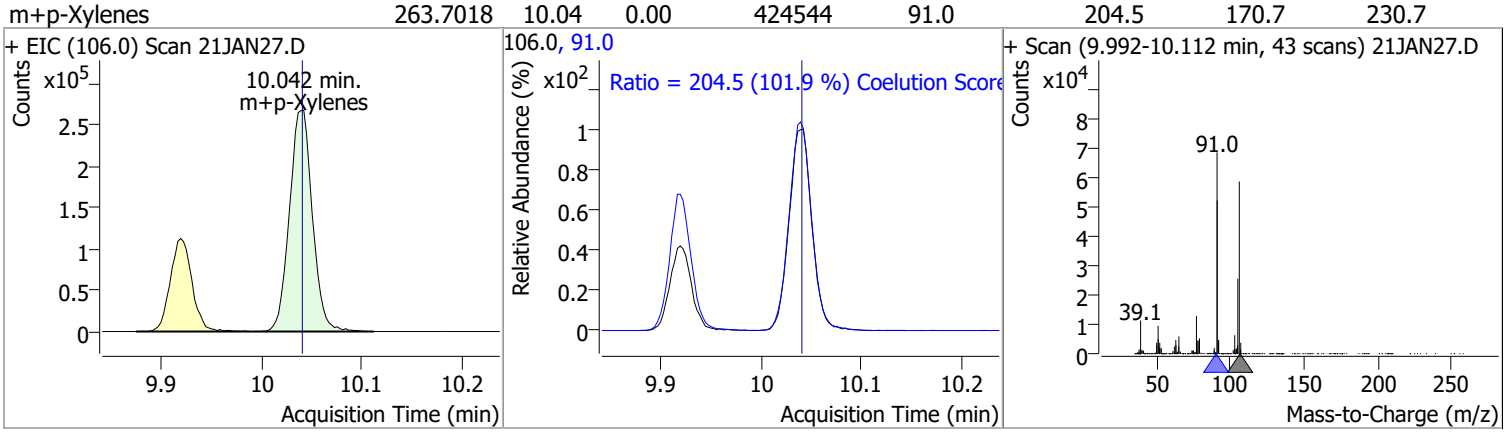
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	131.9643	9.89	0.00	107165	133.0	95.8	65.3	125.3



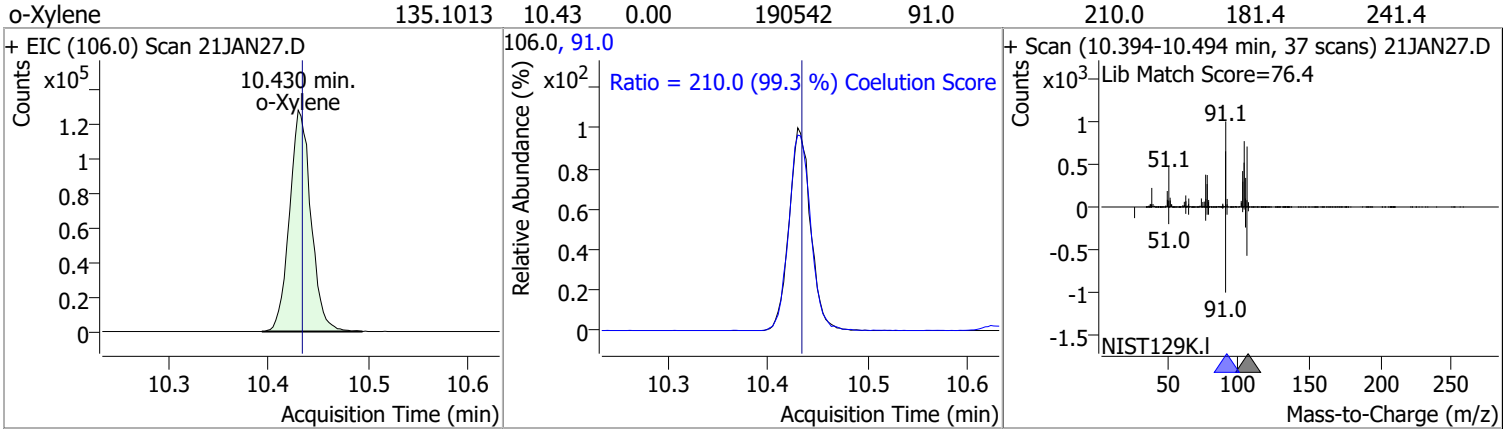
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	133.5398	9.92	0.00	540079	106.0	31.3	1.7	61.7



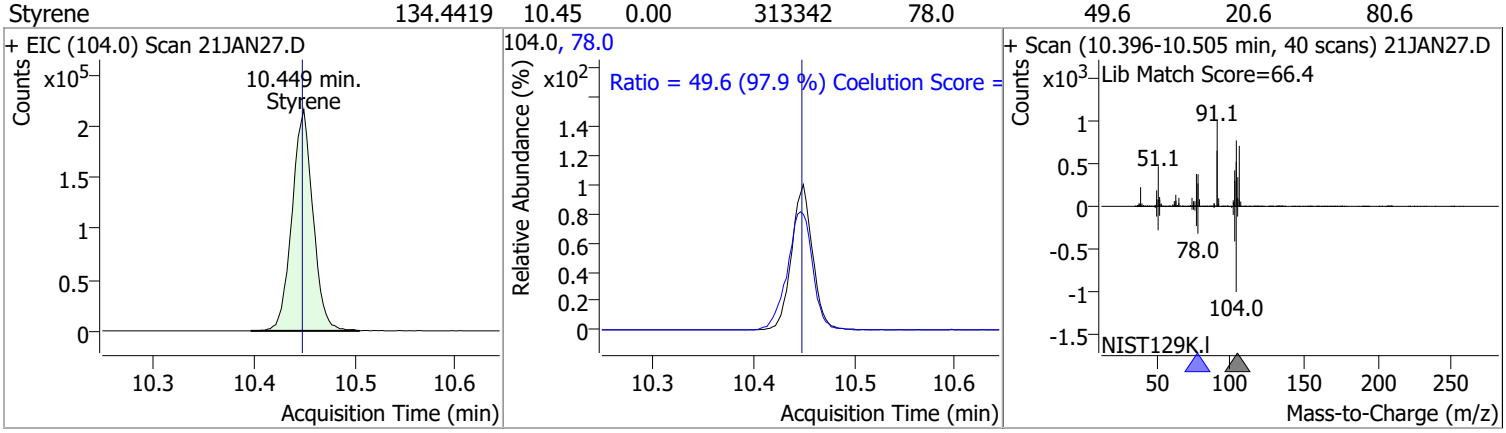
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	263.7018	10.04	0.00	424544	91.0	204.5	170.7	230.7



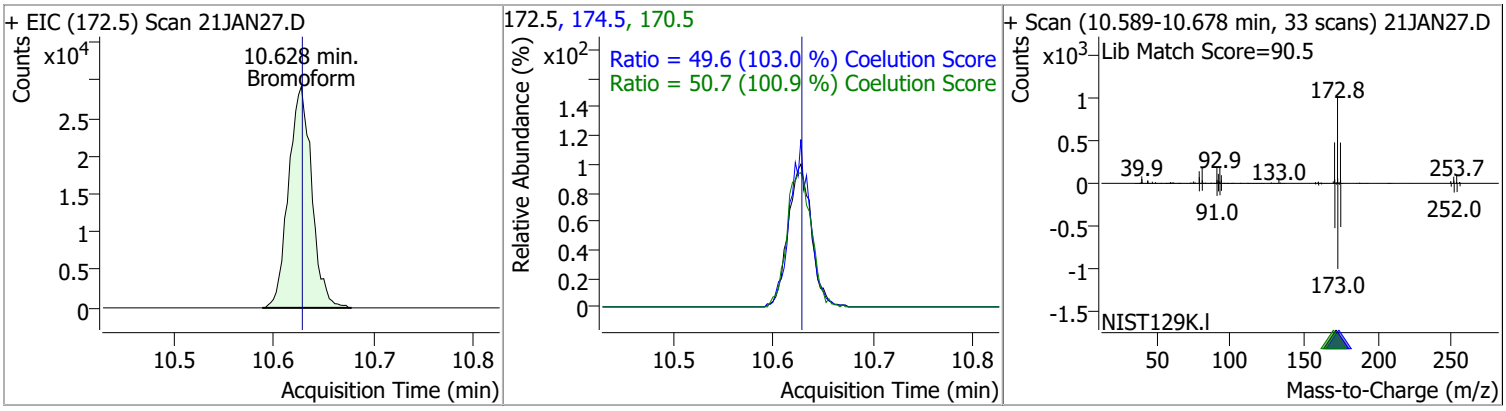
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	135.1013	10.43	0.00	190542	91.0	210.0	181.4	241.4



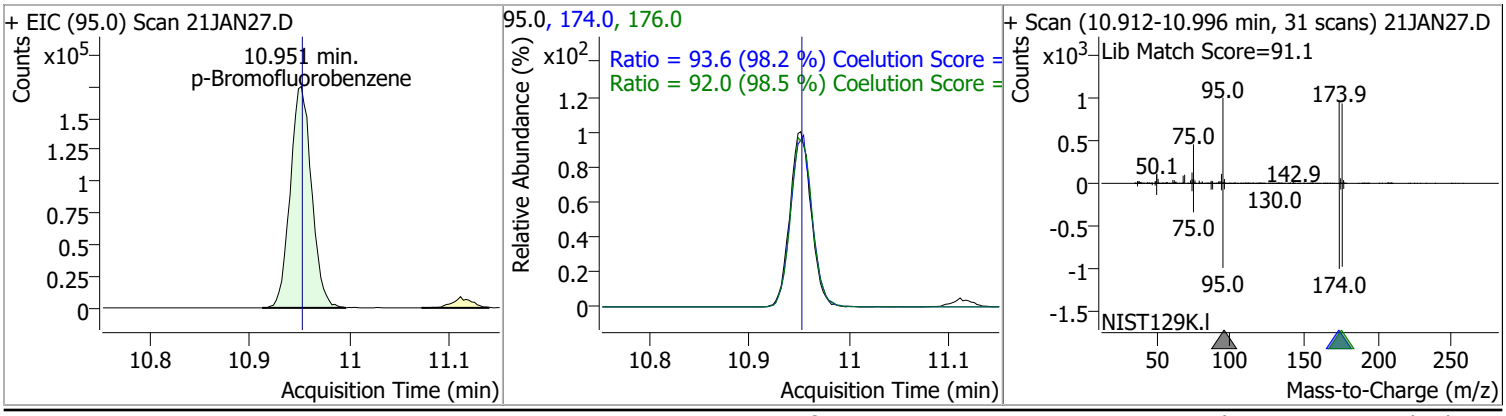
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	134.4419	10.45	0.00	313342	78.0	49.6	20.6	80.6



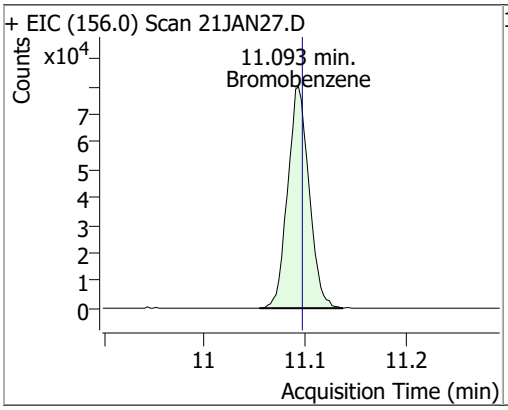
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	126.7581	10.63	0.00	46843	170.5	50.7	20.3	80.3
					174.5	49.6	18.1	78.1

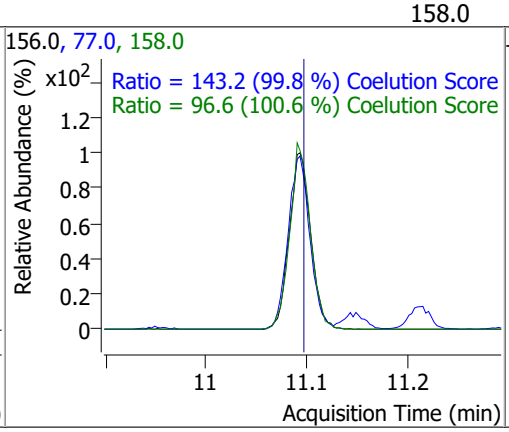


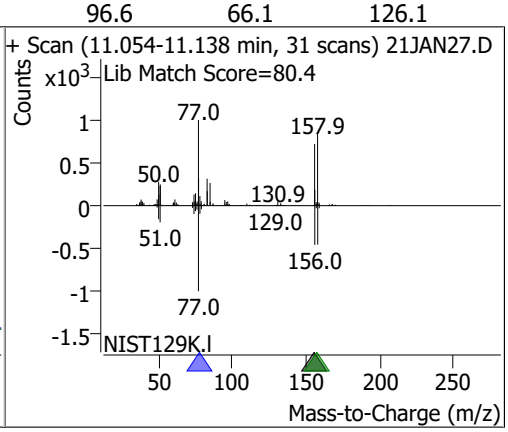
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	254.2272	10.95	0.00	258869	174.0	93.6	65.3	125.3
					176.0	92.0	63.3	123.3



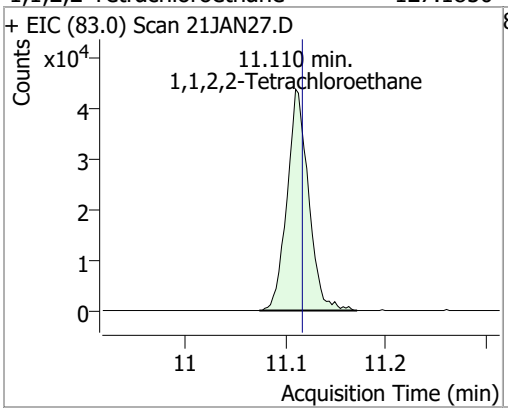
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	132.0584	11.09	0.00	118584	77.0	143.2	113.5	173.5
					158.0	96.6	66.1	126.1

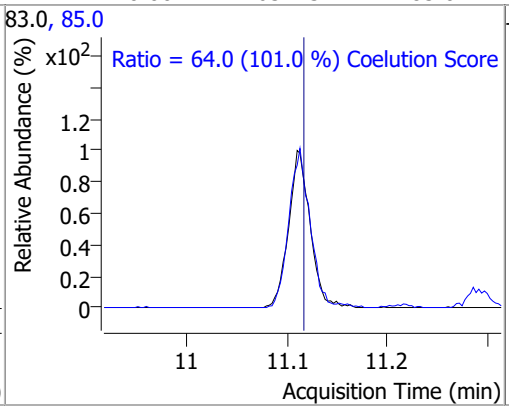


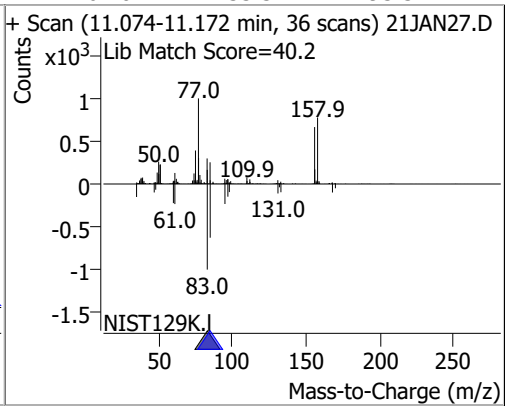




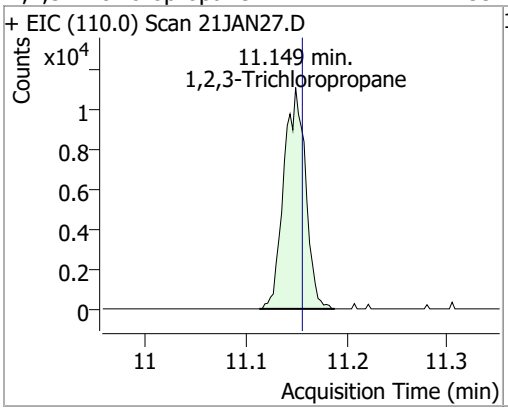
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	127.1850	11.11	0.00	65143	85.0	64.0	33.3	93.3

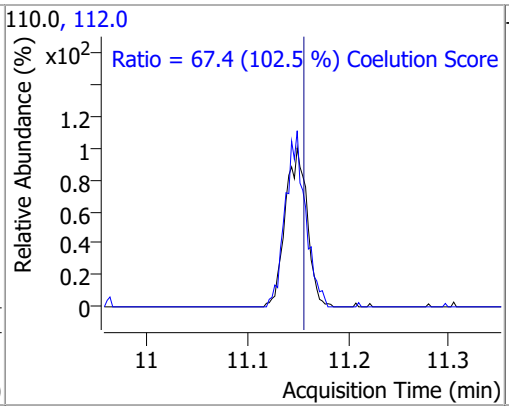


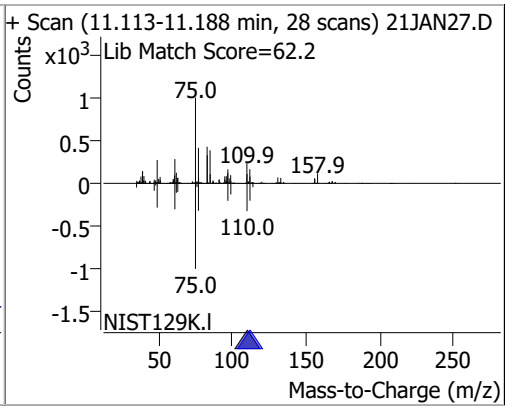




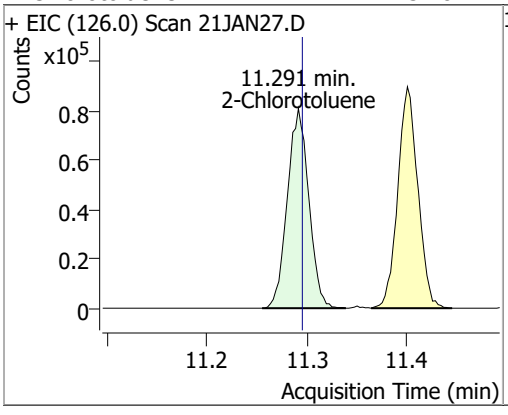
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	124.7155	11.15	0.00	16783	112.0	67.4	35.8	95.8

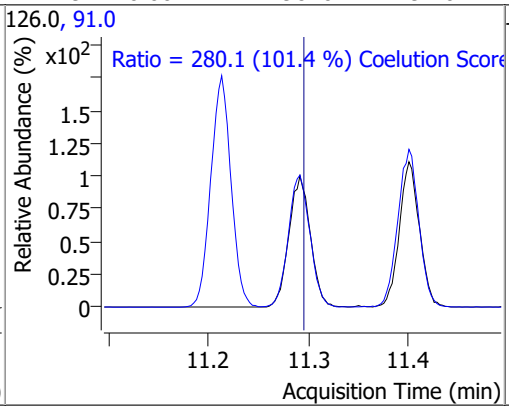


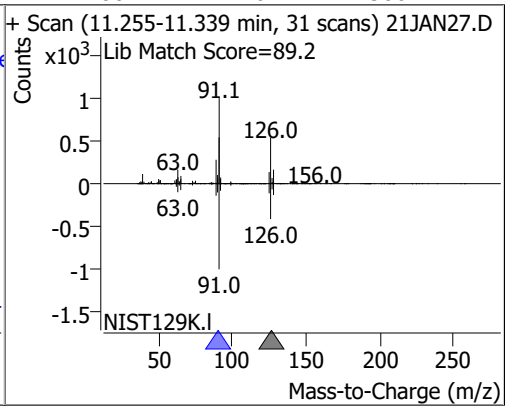




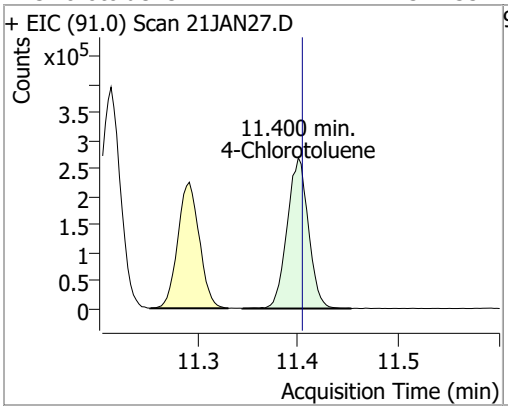
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	134.8441	11.29	0.00	119840	91.0	280.1	246.2	306.2

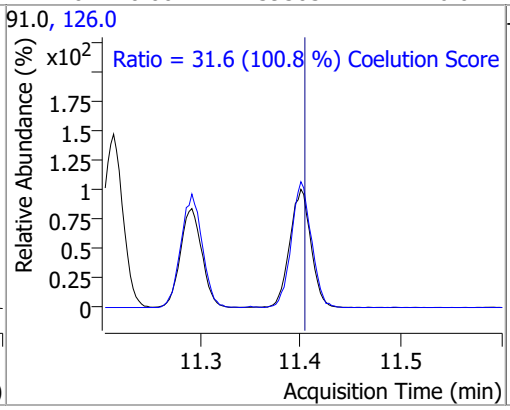


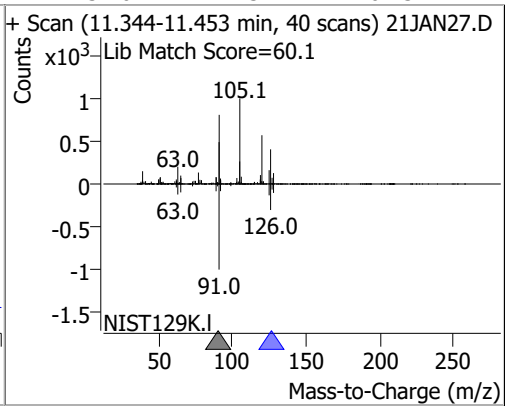




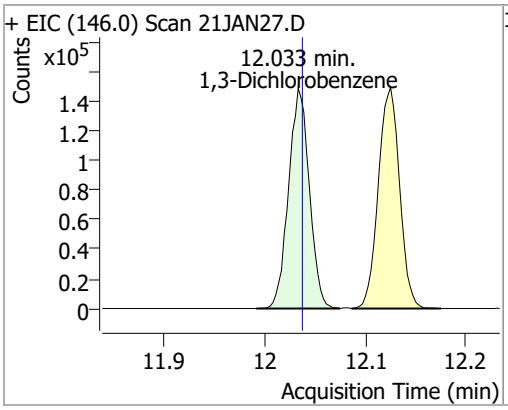
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	137.2352	11.40	0.00	395034	126.0	31.6	1.3	61.3

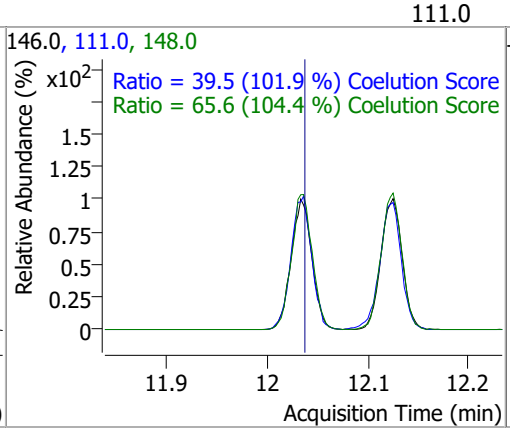


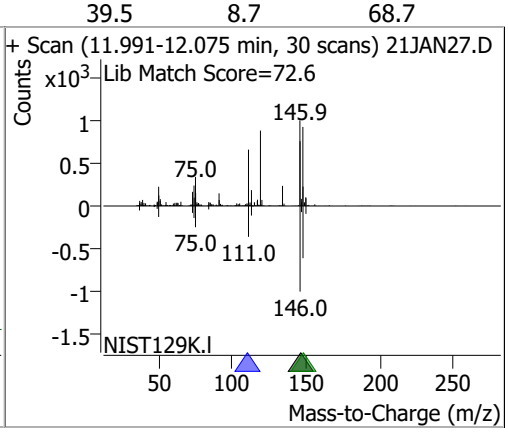




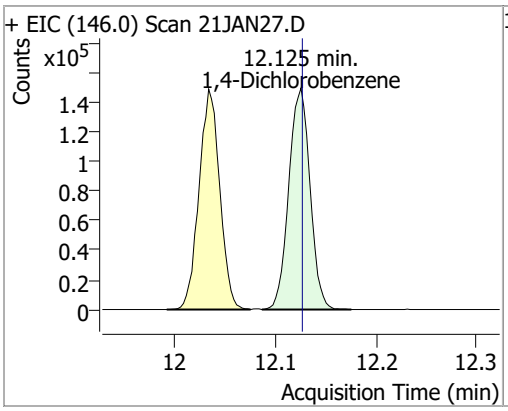
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	131.0705	12.03	0.00	213244	148.0	65.6	32.8	92.8
					111.0	39.5	8.7	68.7

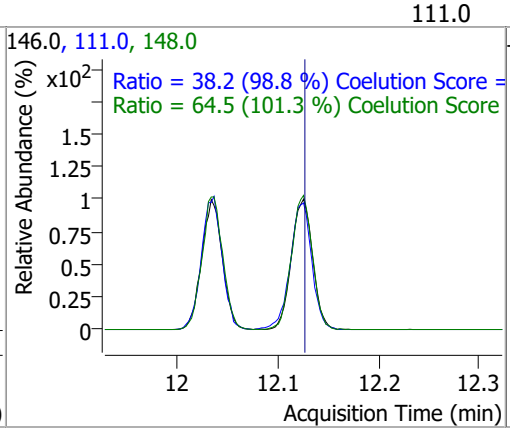


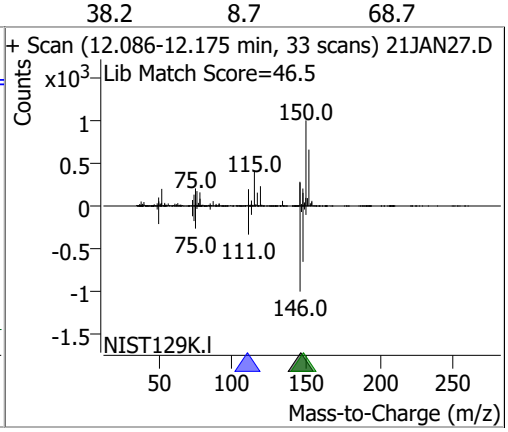




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	132.4237	12.13	0.00	219643	148.0	64.5	33.7	93.7
					111.0	38.2	8.7	68.7

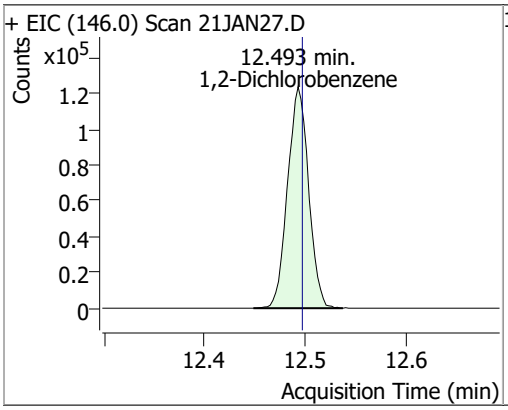


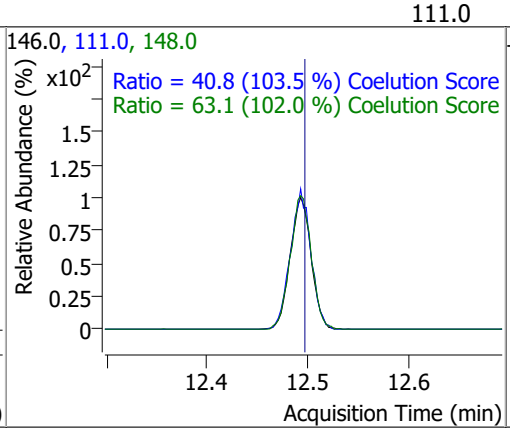


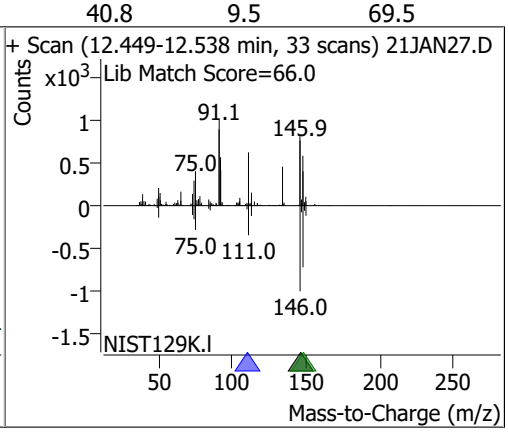


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	132.3400	12.49	0.00	179758	148.0	63.1	31.9	91.9
					111.0	40.8	9.5	69.5







Audit Trail report

Batch name and path: D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	1/21/2022 9:52:56 AM	Create new batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 9:53:03 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN01.D			✓	
CmdStartMethodEditing	BL2000\mchavez	1/21/2022 9:53:13 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	1/21/2022 9:53:14 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/21/2022 9:53:18 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/21/2022 9:53:18 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/21/2022 9:53:19 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 9:53:21 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 9:54:32 AM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
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CmdSetSampleAttribute	BL2000\mchavez	1/21/2022 9:59:31 AM	Set SampleType = TuneCheck for sample 21JAN02.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 10:03:36 AM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
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CmdSetSampleAttribute	BL2000\mchavez	1/21/2022 10:35:08 AM	Set SampleType = CC for sample 21JAN03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/21/2022 10:35:12 AM	Set LevelName = CC for sample 21JAN03.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 10:35:14 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 11:17:12 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN04.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/21/2022 11:17:16 AM	Set SampleType = QC for sample 21JAN04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/21/2022 11:17:19 AM	Set LevelName = QC for sample 21JAN04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/21/2022 11:17:23 AM	Set SampleInformation = LCSA for sample 21JAN04.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 11:17:27 AM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 12:13:31 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN06.D, D:\Org\Data\VOA5975C\VG012122\21JAN05.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/21/2022 12:13:36 PM	Set SampleType = Blank for sample 21JAN06.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 12:13:39 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 12:30:53 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/21/2022 12:46:49 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 12:59:10 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN07.D			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 1:04:19 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 1:25:05 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/21/2022 1:50:15 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 1:54:13 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN08.D			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 1:54:30 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 1:59:43 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/21/2022 2:59:36 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 3:01:00 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN11.D, D:\Org\Data\VOA5975C\VG012122\21JAN10.D, D:\Org\Data\VOA5975C\VG012122\21JAN09.D			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 3:01:53 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 3:02:58 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/21/2022 3:24:28 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 3:24:52 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN12.D			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 3:25:02 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/21/2022 3:26:47 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 21JAN12.D from x, y = 6.297, 0 to 6.344, 0; result = 60			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/21/2022 3:26:53 PM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 21JAN12.D from x, y = 6.303, 0 to 6.353, 0; result = 733			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 3:53:22 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN13.D			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 3:53:32 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 3:53:45 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/21/2022 4:09:54 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 4:31:59 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN14.D			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 4:32:07 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 4:38:31 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/21/2022 5:13:34 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	1/21/2022 5:14:21 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN16.D, D:\Org\Data\VOA5975C\VG012122\21JAN15.D			✓	
CmdQuantitate	BL2000\mchavez	1/21/2022 5:14:58 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/21/2022 5:15:48 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/22/2022 12:47:21 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	1/22/2022 12:49:26 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG012122\21JAN29.D, D:\Org\Data\VOA5975C\VG012122\21JAN28.D, D:\Org\Data\VOA5975C\VG012122\21JAN27.D, D:\Org\Data\VOA5975C\VG012122\21JAN26.D, D:\Org\Data\VOA5975C\VG012122\21JAN25.D, D:\Org\Data\VOA5975C\VG012122\21JAN24.D, D:\Org\Data\VOA5975C\VG012122\21JAN23.D, D:\Org\Data\VOA5975C\VG012122\21JAN22.D, D:\Org\Data\VOA5975C\VG012122\21JAN21.D, D:\Org\Data\VOA5975C\VG012122\21JAN20.D, D:\Org\Data\VOA5975C\VG012122\21JAN19.D, D:\Org\Data\VOA5975C\VG012122\21JAN18.D, D:\Org\Data\VOA5975C\VG012122\21JAN17.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:52:07 PM	Set SampleType = CC for sample 21JAN27.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:52:15 PM	Set LevelName = CC for sample 21JAN27.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	1/22/2022 12:52:43 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:55:13 PM	Set SampleType = Matrix for sample 21JAN24.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:55:19 PM	Set SampleType = MatrixDup for sample 21JAN25.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:55:25 PM	Set SampleInformation = MatrixA for sample 21JAN24.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:55:30 PM	Set SampleInformation = MatrixA for sample 21JAN25.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:55:32 PM	Set MatrixSpikeGroup = 1125 for sample 21JAN24.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:55:35 PM	Set MatrixSpikeGroup = 1125 for sample 21JAN25.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/22/2022 12:55:49 PM	Set MatrixSpikeGroup = 1125 for sample 21JAN08.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	1/22/2022 1:01:52 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/25/2022 9:14:38 AM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:17:50 AM	Set SampleApproved = True for sample 21JAN02.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:19:44 AM	Set SampleApproved = True for sample 21JAN03.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:20:51 AM	Set SampleApproved = True for sample 21JAN04.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:22:29 AM	Set SampleApproved = True for sample 21JAN06.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:22:56 AM	Manually integrate compound Methylene chloride in sample 21JAN06.D from x, y = 3.285, 0 to 3.385, 0; result = 1926			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:22:58 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN06.D from x, y = 3.310, 0 to 3.405, 0; result = 982			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:23:00 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN06.D from x, y = 3.305, 0 to 3.405, 0; result = 818			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:23:02 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:24:18 AM	Manually integrate compound Methylene chloride in sample 21JAN07.D from x, y = 3.280, 0 to 3.380, 0; result = 2490			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:24:21 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN07.D from x, y = 3.302, 0 to 3.377, 0; result = 1464			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:24:25 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN07.D from x, y = 3.288, 0 to 3.400, 0; result = 1071			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:24:26 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:24:43 AM	Manually integrate compound Chloromethane in sample 21JAN07.D from x, y = 1.378, 0 to 1.439, 0; result = 535			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:24:46 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN07.D from x, y = 1.378, 0 to 1.434, 0; result = 99			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:24:49 AM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:25:12 AM	Manually integrate compound trans-1,2-Dichloroethene in sample 21JAN07.D from x, y = 3.690, 0 to 3.754, 0; result = 138			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:25:14 AM	Manually integrate qualifier61.0 of compound trans-1,2-Dichloroethene in sample 21JAN07.D from x, y = 3.698, 0 to 3.745, -8; result = 236			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:25:20 AM	Manually integrate qualifier 61.0 of compound trans-1,2-Dichloroethene in sample 21JAN07.D, from x, y = 3.698, 0 to 3.737, 0, result = 195; previous integration is from x, y = 3.698, 0 to 3.745, -8 and previous response = 236.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:25:24 AM	Manually integrate qualifier98.0 of compound trans-1,2-Dichloroethene in sample 21JAN07.D from x, y = 3.712, 0 to 3.757, 0; result = 74			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:25:28 AM	Set UserAnnotation = NI for compound trans-1,2-Dichloroethene in sample 21JAN07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:25:43 AM	Manually integrate compound Chloroform in sample 21JAN07.D from x, y = 5.622, 0 to 5.695, 0; result = 105			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:25:46 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 21JAN07.D from x, y = 5.642, 0 to 5.686, 0; result = 68			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:26:03 AM	Manually integrate compound Benzene in sample 21JAN07.D from x, y = 6.255, 0 to 6.272, -4; result = 60			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:26:04 AM	Manually integrate compound Benzene in sample 21JAN07.D, from x, y = 6.272, -4 to 6.328, 0, result = 180; previous integration is from x, y = 6.255, 0 to 6.272, -4 and previous response = 60.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:26:07 AM	Manually integrate qualifier77.0 of compound Benzene in sample 21JAN07.D from x, y = 6.258, 0 to 6.311, 0; result = 70			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:26:31 AM	Set UserAnnotation = NI for compound Chloroform in sample 21JAN07.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:26:34 AM	Set UserAnnotation = NI for compound Benzene in sample 21JAN07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:26:49 AM	Manually integrate compound Toluene in sample 21JAN07.D from x, y = 8.355, 0 to 8.425, 0; result = 3617			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:26:51 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 21JAN07.D, from x, y = 8.338, 0 to 8.436, 0, result = 6631; previous integration is from x, y = 8.349, 0 to 8.414, 0 and previous response = 6524.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:27:29 AM	Set UserAnnotation = NI for compound Toluene in sample 21JAN07.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	1/25/2022 9:32:57 AM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/25/2022 9:52:56 AM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:53:45 AM	Manually integrate compound Ethylbenzene in sample 21JAN07.D from x, y = 9.880, 0 to 9.956, 0; result = 493			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:53:46 AM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 21JAN07.D from x, y = 9.903, 0 to 9.945, 0; result = 41			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:53:51 AM	Set UserAnnotation = NI for compound Ethylbenzene in sample 21JAN07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:53:55 AM	Manually integrate compound m+p-Xylenes in sample 21JAN07.D from x, y = 10.006, 0 to 10.078, 0; result = 274			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 9:53:57 AM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 21JAN07.D from x, y = 10.000, 0 to 10.090, 0; result = 625			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:54:00 AM	Set UserAnnotation = NI for compound m+p-Xylenes in sample 21JAN07.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:54:19 AM	Set SampleApproved = True for sample 21JAN07.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:55:11 AM	Manually integrate compound Methylene chloride in sample 21JAN08.D from x, y = 3.288, 0 to 3.394, 0; result = 925			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 9:55:13 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN08.D from x, y = 3.285, 0 to 3.391, 0; result = 594			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 9:55:15 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN08.D from x, y = 3.327, 0 to 3.363, 0; result = 43			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 9:55:17 AM	Zero out primary peak of compound Methylene chloride in sample 21JAN08.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:55:42 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Methylene chloride for sample 21JAN08.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:56:02 AM	Manually integrate compound Chloromethane in sample 21JAN08.D from x, y = 1.367, 0 to 1.436, 0; result = 541			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 9:56:04 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN08.D from x, y = 1.381, 32 to 1.434, 0; result = 48			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	1/25/2022 9:56:09 AM	Drop baseline for qualifier 52.0 of compound Chloromethane in sample 21JAN08.D to y = 0, new integration is from x, y = 1.381, 0 to 1.434, 0 and new response = 99; previous integration is from x, y = 1.381, 32 to 1.434, 0 and previous response = 48.			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:56:15 AM	Set SampleApproved = True for sample 21JAN08.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:56:23 AM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN08.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:56:40 AM	Manually integrate compound Chloromethane in sample 21JAN09.D from x, y = 1.395, 0 to 1.445, 0; result = 572			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:56:42 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN09.D from x, y = 1.397, 0 to 1.431, 0; result = 58			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:56:45 AM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN09.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:56:53 AM	Manually integrate compound Chloroethane in sample 21JAN09.D from x, y = 1.869, 0 to 1.933, 0; result = 959			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:56:56 AM	Manually integrate qualifier66.0 of compound Chloroethane in sample 21JAN09.D from x, y = 1.883, 0 to 1.927, 0; result = 195			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:56:58 AM	Set UserAnnotation = NI for compound Chloroethane in sample 21JAN09.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:57:07 AM	Manually integrate compound Methylene chloride in sample 21JAN09.D from x, y = 3.299, 0 to 3.411, 0; result = 985			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:57:09 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN09.D from x, y = 3.302, 0 to 3.361, 0; result = 573			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:57:11 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN09.D from x, y = 3.296, 0 to 3.405, 0; result = 368			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:57:14 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN09.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:57:36 AM	Manually integrate compound Trichloroethene in sample 21JAN09.D from x, y = 7.008, 0 to 7.067, 0; result = 666			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:57:38 AM	Manually integrate qualifier130.0 of compound Trichloroethene in sample 21JAN09.D from x, y = 6.991, 0 to 7.089, 0; result = 798			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:57:40 AM	Manually integrate qualifier97.0 of compound Trichloroethene in sample 21JAN09.D from x, y = 6.989, 0 to 7.055, 0; result = 387			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 9:57:43 AM	Set UserAnnotation = NI for compound Trichloroethene in sample 21JAN09.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:57:50 AM	Manually integrate compound Dibromomethane in sample 21JAN09.D from x, y = 7.385, 0 to 7.435, 0; result = 34			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:57:52 AM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 21JAN09.D from x, y = 7.371, 0 to 7.424, 0; result = 27			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:57:55 AM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 21JAN09.D from x, y = 7.373, 0 to 7.426, 0; result = 54			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 9:57:58 AM	Zero out primary peak of compound Dibromomethane in sample 21JAN09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:58:08 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Methylene chloride for sample 21JAN09.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:58:21 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Dibromomethane for sample 21JAN09.D; previous value = Qualifier ratio did not meet method criteria for Methylene chloride			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:58:36 AM	Manually integrate compound Toluene in sample 21JAN09.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 B22011126-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:58:40 AM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN09.D from x, y = 8.355, 0 to 8.428, 0; result = 0			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:58:43 AM	Manually integrate compound Toluene in sample 21JAN09.D from x, y = 8.369, 0 to 8.402, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:58:47 AM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN09.D from x, y = 8.361, 0 to 8.422, 0; result = 0			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:58:50 AM	Manually integrate compound Toluene in sample 21JAN09.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 B22011126-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:58:55 AM	Manually integrate compound Toluene in sample 21JAN09.D from x, y = 8.366, 0 to 8.402, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 9:58:59 AM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN09.D from x, y = 8.341, 0 to 8.428, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22011126-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22011126-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:59:05 AM	Manually integrate compound Toluene in sample 21JAN09.D from x, y = 8.369, 0 to 8.408, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:59:09 AM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN09.D from x, y = 8.352, 0 to 8.425, 0; result = 0			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:59:13 AM	Manually integrate compound Toluene in sample 21JAN09.D from x, y = 8.361, 91 to 8.411, 91; result = 414			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:59:19 AM	Manually integrate compound Toluene in sample 21JAN09.D, from x, y = 8.366, 0 to 8.411, 91, result = 414; previous integration is from x, y = 8.361, 91 to 8.411, 91 and previous response = 414.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011126-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/25/2022 9:59:22 AM	Drop baseline for compound Toluene in sample 21JAN09.D to y = 91, new integration is from x, y = 8.361, 91 to 8.411, 91 and new response = 414; previous integration is from x, y = 8.361, 91 to 8.411, 91 and previous response = 414.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:59:27 AM	Manually integrate compound Toluene in sample 21JAN09.D, from x, y = 8.361, 91 to 8.402, 0, result = 500; previous integration is from x, y = 8.361, 91 to 8.411, 91 and previous response = 414.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/25/2022 9:59:30 AM	Drop baseline for compound Toluene in sample 21JAN09.D to y = 0, new integration is from x, y = 8.361, 0 to 8.402, 0 and new response = 615; previous integration is from x, y = 8.361, 91 to 8.402, 0 and previous response = 500.			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 9:59:35 AM	Zero out primary peak of compound Toluene in sample 21JAN09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 9:59:42 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Dibromomethane, Toluene for sample 21JAN09.D; previous value = Qualifier ratio did not meet method criteria for Dibromomethane			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 9:59:52 AM	Manually integrate compound 1,1,2-Trichloroethane in sample 21JAN09.D from x, y = 8.796, 0 to 8.846, 0; result = 127			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 9:59:54 AM	Manually integrate qualifier97.0 of compound 1,1,2-Trichloroethane in sample 21JAN09.D from x, y = 8.790, 0 to 8.840, -2; result = 274			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 9:59:56 AM	Manually integrate qualifier85.0 of compound 1,1,2-Trichloroethane in sample 21JAN09.D from x, y = 8.807, 0 to 8.865, 0; result = 64			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 9:59:57 AM	Zero out primary peak of compound 1,1,2-Trichloroethane in sample 21JAN09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 10:00:16 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Dibromomethane, Toluene, 1,1,2-Trichloroethane for sample 21JAN09.D; previous value = Qualifier ratio did not meet method criteria for Dibromomethane, Toluene			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/25/2022 10:00:28 AM	Manually integrate compound Chlorobenzene in sample 21JAN09.D from x, y = 9.783, 0 to 9.858, 0; result = 496			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 10:00:31 AM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 21JAN09.D from x, y = 9.772, 4 to 9.827, 0; result = 196			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/25/2022 10:00:44 AM	Manually integrate compound m+p-Xylenes in sample 21JAN09.D from x, y = 10.011, 0 to 10.081, 0; result = 110			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 10:00:46 AM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 21JAN09.D from x, y = 10.014, 0 to 10.073, 0; result = 163			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 10:00:49 AM	Zero out primary peak of compound m+p-Xylenes in sample 21JAN09.D			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/25/2022 10:00:53 AM	Set UserAnnotation = NI for compound Chlorobenzene in sample 21JAN09.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 10:01:06 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Dibromomethane, Toluene, 1,1,2-Trichloroethane, m+p Xylenes for sample 21JAN09.D; previous value = Qualifier ratio did not meet method criteria for Dibromomethane, Toluene, 1,1,2-Trichloroethane			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 10:01:22 AM	Set SampleApproved = True for sample 21JAN09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/25/2022 10:01:42 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/25/2022 10:14:22 AM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\mchavez	1/25/2022 12:28:12 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	1/25/2022 12:28:54 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	1/25/2022 12:28:55 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	1/25/2022 12:29:08 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	1/25/2022 12:29:08 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	1/25/2022 12:29:09 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	1/25/2022 12:29:25 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:31:04 PM	Manually integrate compound Chloromethane in sample 21JAN10.D from x, y = 1.378, 0 to 1.453, 0; result = 1821			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:31:05 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN10.D from x, y = 1.375, 0 to 1.450, 0; result = 641			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:31:22 PM	Manually integrate compound Methylene chloride in sample 21JAN10.D from x, y = 3.302, 0 to 3.377, 0; result = 796			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:31:23 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN10.D from x, y = 3.305, 0 to 3.386, 0; result = 384			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:31:25 PM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 21JAN10.D, from x, y = 3.386, 0 to 3.402, 0, result = 0; previous integration is from x, y = 3.305, 0 to 3.386, 0 and previous response = 384.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:31:28 PM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 21JAN10.D, from x, y = 3.302, 0 to 3.383, 0, result = 384; previous integration is from x, y = 3.386, 0 to 3.402, 0 and previous response = 0.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:31:30 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN10.D from x, y = 3.299, 0 to 3.377, 0; result = 231			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:31:33 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN10.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:32:03 PM	Manually integrate compound Benzene in sample 21JAN10.D from x, y = 6.252, 0 to 6.305, 0; result = 156			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:32:05 PM	Manually integrate qualifier77.0 of compound Benzene in sample 21JAN10.D from x, y = 6.252, 0 to 6.325, 0; result = 110			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:32:12 PM	Zero out primary peak of compound Benzene in sample 21JAN10.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:32:19 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Dibromomethane, Toluene, 1,1,2-Trichloroethane, m+p Xylenes for sample 21JAN10.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:32:49 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Benzene for sample 21JAN10.D; previous value = Qualifier ratio did not meet method criteria for Dibromomethane, Toluene, 1,1,2-Trichloroethane, m+p Xylenes			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:33:42 PM	Set SampleApproved = True for sample 21JAN10.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:33:49 PM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:34:05 PM	Manually integrate compound Chloromethane in sample 21JAN11.D from x, y = 1.378, 0 to 1.442, 0; result = 1889			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:34:07 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN11.D from x, y = 1.378, 0 to 1.439, 0; result = 556			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:34:10 PM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:34:15 PM	Manually integrate compound Vinyl chloride in sample 21JAN11.D from x, y = 1.475, 0 to 1.520, 0; result = 160			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:34:20 PM	Manually integrate qualifier64.0 of compound Vinyl chloride in sample 21JAN11.D from x, y = 1.487, 0 to 1.506, 0; result = 208			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:34:23 PM	Zero out primary peak of compound Vinyl chloride in sample 21JAN11.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:34:34 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Benzene for sample 21JAN11.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:34:41 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Vinyl chloride for sample 21JAN11.D; previous value = Qualifier ratio did not meet method criteria for Benzene			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:35:03 PM	Manually integrate compound Bromomethane in sample 21JAN11.D from x, y = 1.777, 0 to 1.846, 0; result = 252			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:35:06 PM	Manually integrate qualifier94.0 of compound Bromomethane in sample 21JAN11.D from x, y = 1.768, 0 to 1.830, 0; result = 254			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:35:22 PM	Zero out primary peak of compound Bromomethane in sample 21JAN11.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:35:30 PM	Manually integrate compound Chloroethane in sample 21JAN11.D from x, y = 1.869, 0 to 1.933, 0; result = 1091			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:35:33 PM	Manually integrate qualifier66.0 of compound Chloroethane in sample 21JAN11.D from x, y = 1.880, 0 to 1.949, 0; result = 611			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:35:35 PM	Set UserAnnotation = NI for compound Chloroethane in sample 21JAN11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:35:46 PM	Manually integrate compound Methylene chloride in sample 21JAN11.D from x, y = 3.302, 0 to 3.372, 0; result = 1086			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:35:52 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN11.D from x, y = 3.308, 0 to 3.355, 0; result = 592			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:35:54 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN11.D from x, y = 3.299, 0 to 3.358, 0; result = 171			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:35:58 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:36:20 PM	Manually integrate compound Carbon tetrachloride in sample 21JAN11.D from x, y = 5.982, 0 to 6.093, 0; result = 1023			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:36:23 PM	Manually integrate qualifier119.0 of compound Carbon tetrachloride in sample 21JAN11.D from x, y = 5.976, 0 to 6.077, 0; result = 1351			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:36:31 PM	Zero out primary peak of compound Carbon tetrachloride in sample 21JAN11.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:36:41 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Vinyl chloride, Carbon tetrachloride for sample 21JAN11.D; previous value = Qualifier ratio did not meet method criteria for Vinyl chloride			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:36:56 PM	Manually integrate compound Benzene in sample 21JAN11.D from x, y = 6.247, 0 to 6.342, 0; result = 1965			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:36:57 PM	Manually integrate qualifier77.0 of compound Benzene in sample 21JAN11.D from x, y = 6.261, 0 to 6.316, 0; result = 393			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:37:00 PM	Set UserAnnotation = NI for compound Benzene in sample 21JAN11.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:37:12 PM	Manually integrate compound Dibromomethane in sample 21JAN11.D from x, y = 7.371, 0 to 7.426, 0; result = 88			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:37:15 PM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 21JAN11.D from x, y = 7.385, 0 to 7.443, 0; result = 25			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:37:17 PM	Zero out primary peak of compound Dibromomethane in sample 21JAN11.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:37:28 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Vinyl chloride, Carbon tetrachloride, Dibromomethane for sample 21JAN11.D; previous value = Qualifier ratio did not meet method criteria for Vinyl chloride, Carbon tetrachloride			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:37:47 PM	Manually integrate compound Toluene in sample 21JAN11.D from x, y = 8.355, 0 to 8.402, 25; result = 1190			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:37:48 PM	Manually integrate compound Toluene in sample 21JAN11.D, from x, y = 8.355, 0 to 8.430, 0, result = 1295; previous integration is from x, y = 8.355, 0 to 8.402, 25 and previous response = 1190.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:37:52 PM	Set UserAnnotation = NI for compound Toluene in sample 21JAN11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:38:22 PM	Set SampleApproved = True for sample 21JAN11.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:38:55 PM	Manually integrate compound Chloromethane in sample 21JAN12.D from x, y = 1.367, 0 to 1.453, 0; result = 621			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:38:56 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN12.D from x, y = 1.381, 0 to 1.434, 0; result = 84			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:38:59 PM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN12.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:39:10 PM	Manually integrate compound Methylene chloride in sample 21JAN12.D from x, y = 3.285, 0 to 3.372, 0; result = 599			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:39:12 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN12.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:39:14 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN12.D from x, y = 3.285, 0 to 3.389, 0; result = 334			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:39:15 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN12.D from x, y = 3.310, 0 to 3.366, 0; result = 97			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:40:50 PM	Manually integrate compound Toluene in sample 21JAN12.D from x, y = 8.358, 0 to 8.422, 0; result = 466			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:40:51 PM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN12.D from x, y = 8.358, 0 to 8.430, 0; result = 1132			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:40:55 PM	Zero out primary peak of compound Toluene in sample 21JAN12.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:41:12 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Vinyl chloride, Carbon tetrachloride, Dibromomethane for sample 21JAN12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:41:29 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 21JAN12.D; previous value = Qualifier ratio did not meet method criteria for Vinyl chloride, Carbon tetrachloride, Dibromomethane			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:41:42 PM	Manually integrate compound Toluene in sample 21JAN08.D from x, y = 8.358, 0 to 8.419, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011125-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011125-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:41:46 PM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN08.D from x, y = 8.347, 0 to 8.441, 0; result = 0			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:41:48 PM	Manually integrate compound Toluene in sample 21JAN08.D from x, y = 8.352, 0 to 8.430, 49; result = 734			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	1/25/2022 12:41:51 PM	Drop baseline for compound Toluene in sample 21JAN08.D to y = 0, new integration is from x, y = 8.352, 0 to 8.430, 0 and new response = 849; previous integration is from x, y = 8.352, 0 to 8.430, 49 and previous response = 734.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:41:54 PM	Set UserAnnotation = NI for compound Toluene in sample 21JAN08.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:42:02 PM	Manually integrate compound Toluene in sample 21JAN06.D from x, y = 8.372, 0 to 8.397, 0; result = 38			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:42:04 PM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN06.D from x, y = 8.369, 0 to 8.402, 0; result = 148			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:42:07 PM	Zero out primary peak of compound Toluene in sample 21JAN06.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:42:15 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 21JAN06.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:42:56 PM	Set SampleApproved = True for sample 21JAN12.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/25/2022 12:43:08 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:44:11 PM	Manually integrate compound Toluene in sample 21JAN13.D from x, y = 8.361, 0 to 8.408, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011130-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011130-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:44:15 PM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN13.D from x, y = 8.352, 0 to 8.433, 0; result = 0			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:44:18 PM	Manually integrate compound Toluene in sample 21JAN13.D from x, y = 8.361, 0 to 8.414, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011130-001F. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011130-001F. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.a(Double[] A_0, Single[] A_1, Int32 A_2, Int32 A_3, Int32 A_4, Double A_5, Double A_6, Double& A_7, Double& A_8, Int32& A_9, Int32& A_10, Int32& A_11, Int32& A_12) at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double& fullWidthHalfMaximum, Double& symmetry) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:44:23 PM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN13.D from x, y = 8.352, 0 to 8.433, 0; result = 0			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:44:26 PM	Manually integrate compound Toluene in sample 21JAN13.D from x, y = 8.369, 0 to 8.411, 0; result = 467			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:44:29 PM	Zero out primary peak of compound Toluene in sample 21JAN13.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:44:44 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 21JAN13.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:45:35 PM	Manually integrate compound Methylene chloride in sample 21JAN13.D from x, y = 3.283, 0 to 3.400, 0; result = 566			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:45:36 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN13.D from x, y = 3.299, 0 to 3.383, 0; result = 534			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:45:38 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN13.D from x, y = 3.296, 0 to 3.361, 0; result = 211			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:45:43 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN13.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:46:12 PM	Set SampleApproved = True for sample 21JAN13.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:46:29 PM	Manually integrate compound Chloromethane in sample 21JAN14.D from x, y = 1.381, 0 to 1.453, 0; result = 1629			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 12:46:32 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN14.D from x, y = 1.381, 0 to 1.445, 0; result = 485			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/25/2022 12:46:47 PM	Manually integrate compound Methylene chloride in sample 21JAN14.D from x, y = 3.294, 0 to 3.400, 0; result = 244			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 12:46:49 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN14.D from x, y = 3.308, 0 to 3.363, 0; result = 231			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 12:46:50 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN14.D from x, y = 3.302, 0 to 3.377, 0; result = 79			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/25/2022 12:46:53 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN14.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/25/2022 12:47:13 PM	Manually integrate compound Toluene in sample 21JAN14.D from x, y = 8.361, 0 to 8.419, 0; result = 793			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 12:47:15 PM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN14.D from x, y = 8.355, 0 to 8.425, 0; result = 1593			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/25/2022 12:47:17 PM	Set UserAnnotation = NI for compound Toluene in sample 21JAN14.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:47:34 PM	Set SampleApproved = True for sample 21JAN14.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/25/2022 12:47:47 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/25/2022 12:48:09 PM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN14.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/25/2022 12:48:27 PM	Manually integrate compound Chloromethane in sample 21JAN15.D from x, y = 1.383, 0 to 1.453, 0; result = 704			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/25/2022 12:48:29 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN15.D from x, y = 1.378, 0 to 1.436, 0; result = 257			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/25/2022 12:48:31 PM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN15.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/25/2022 12:48:37 PM	Manually integrate compound Bromomethane in sample 21JAN15.D from x, y = 1.777, 0 to 1.832, 0; result = 300			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:48:40 PM	Zero out primary peak of compound Bromomethane in sample 21JAN15.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:48:48 PM	Manually integrate compound Methylene chloride in sample 21JAN15.D from x, y = 3.305, 0 to 3.327, 0; result = 192			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:48:50 PM	Manually integrate compound Methylene chloride in sample 21JAN15.D, from x, y = 3.305, 0 to 3.374, 0, result = 649; previous integration is from x, y = 3.305, 0 to 3.327, 0 and previous response = 192.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:48:52 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN15.D from x, y = 3.305, 0 to 3.344, -7; result = 410			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:48:52 PM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 21JAN15.D, from x, y = 3.360, 0 to 3.377, 0, result = 0; previous integration is from x, y = 3.305, 0 to 3.344, -7 and previous response = 410.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:48:54 PM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 21JAN15.D, from x, y = 3.299, 0 to 3.372, 0, result = 402; previous integration is from x, y = 3.360, 0 to 3.377, 0 and previous response = 0.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:48:56 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN15.D from x, y = 3.305, 0 to 3.347, 0; result = 92			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:48:59 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN15.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:49:15 PM	Manually integrate compound Chloroform in sample 21JAN15.D from x, y = 5.616, 0 to 5.667, 0; result = 307			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:49:16 PM	Manually integrate compound Bromochloromethane in sample 21JAN15.D from x, y = 5.550, 0 to 5.616, 0; result = 0			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\mchavez	1/25/2022 12:49:22 PM	Clear manual integration of target signal for compound Bromochloromethane in sample 21JAN15.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:49:27 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 21JAN15.D from x, y = 5.639, 0 to 5.686, 0; result = 174			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:49:30 PM	Set UserAnnotation = NI for compound Chloroform in sample 21JAN15.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 12:49:52 PM	Manually integrate compound Toluene in sample 21JAN15.D from x, y = 8.363, 0 to 8.402, 0; result = 353			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:49:54 PM	Set UserAnnotation = NI for compound Toluene in sample 21JAN15.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 12:49:56 PM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN15.D from x, y = 8.355, 0 to 8.430, 0; result = 804			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 12:50:00 PM	Set UserAnnotation = for compound Toluene in sample 21JAN15.D; previous value = NI			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 12:50:02 PM	Zero out primary peak of compound Toluene in sample 21JAN15.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 12:50:04 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 21JAN15.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	1/25/2022 1:01:03 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/25/2022 1:04:35 PM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\mchavez	1/25/2022 1:11:19 PM	Clear manual integration of target signal for compound Bromomethane in sample 21JAN15.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 1:11:46 PM	Set SampleApproved = True for sample 21JAN15.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 1:12:20 PM	Manually integrate compound m+p-Xylenes in sample 21JAN17.D from x, y = 10.042, 0 to 10.064, 0; result = 51			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:12:21 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 21JAN17.D from x, y = 10.008, 0 to 10.045, 0; result = 241			✓	
CmdZeroOutPeak	BL2000\mchavez	1/25/2022 1:12:23 PM	Zero out primary peak of compound m+p-Xylenes in sample 21JAN17.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 1:12:35 PM	Set UserDefined = Qualifier ratio did not meet method criteria for m+p Xylenes for sample 21JAN17.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 1:12:48 PM	Manually integrate compound Toluene in sample 21JAN17.D from x, y = 8.355, 0 to 8.433, 0; result = 2010			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 1:12:51 PM	Set UserAnnotation = NI for compound Toluene in sample 21JAN17.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 1:13:06 PM	Manually integrate compound Chloroform in sample 21JAN17.D from x, y = 5.619, 0 to 5.686, 0; result = 272			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:13:19 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 21JAN17.D from x, y = 5.602, 0 to 5.686, 0; result = 156			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 1:13:23 PM	Set UserAnnotation = LT for compound Chloroform in sample 21JAN17.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 1:13:24 PM	Set UserAnnotation = NI for compound Chloroform in sample 21JAN17.D; previous value = LT			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 1:13:39 PM	Manually integrate compound Methylene chloride in sample 21JAN17.D from x, y = 3.271, 0 to 3.430, 0; result = 2400			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:13:42 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN17.D from x, y = 3.285, 0 to 3.402, 0; result = 2061			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:13:45 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN17.D from x, y = 3.266, 0 to 3.377, 0; result = 807			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/25/2022 1:15:19 PM	Set SampleApproved = True for sample 21JAN17.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 1:19:01 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN17.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:19:25 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN18.D from x, y = 3.291, 0 to 3.391, 0; result = 1690			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:19:26 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN18.D from x, y = 3.293, 0 to 3.411, 0; result = 986			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 1:19:39 PM	Manually integrate compound Chloromethane in sample 21JAN18.D from x, y = 1.383, 0 to 1.445, 0; result = 393			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:19:41 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN18.D from x, y = 1.372, 0 to 1.464, 0; result = 111			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/25/2022 1:19:44 PM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN18.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/25/2022 1:20:05 PM	Manually integrate compound Chloroform in sample 21JAN18.D from x, y = 5.625, 0 to 5.686, 0; result = 87			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/25/2022 1:20:07 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 21JAN18.D from x, y = 5.633, 0 to 5.703, 0; result = 54			✓	
CmdSaveBatchTable	BL2000\mchavez	1/25/2022 1:33:29 PM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\mchavez	1/26/2022 5:03:04 AM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:04:11 AM	Set SampleApproved = True for sample 21JAN18.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:05:05 AM	Manually integrate compound Methylene chloride in sample 21JAN19.D from x, y = 3.288, 0 to 3.391, 0; result = 1512			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:05:08 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN19.D from x, y = 3.288, 0 to 3.400, 0; result = 1036			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:05:11 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN19.D from x, y = 3.277, 0 to 3.377, 0; result = 627			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/26/2022 5:05:15 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN19.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:05:30 AM	Manually integrate compound Chloromethane in sample 21JAN19.D from x, y = 1.383, 0 to 1.417, 0; result = 367			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:05:33 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN19.D from x, y = 1.375, 0 to 1.431, 0; result = 95			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/26/2022 5:05:36 AM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN19.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:05:42 AM	Set SampleApproved = True for sample 21JAN19.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:05:52 AM	Manually integrate compound Chloromethane in sample 21JAN20.D from x, y = 1.386, 0 to 1.436, 0; result = 540			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:05:55 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN20.D from x, y = 1.375, 0 to 1.431, 0; result = 154			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/26/2022 5:05:58 AM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN20.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:06:09 AM	Manually integrate compound Methylene chloride in sample 21JAN20.D from x, y = 3.294, 0 to 3.389, 0; result = 2250			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/26/2022 5:06:12 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN20.D from x, y = 3.280, 0 to 3.400, 0; result = 1623			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/26/2022 5:06:15 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN20.D from x, y = 3.294, 0 to 3.380, 0; result = 755			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/26/2022 5:06:18 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN20.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/26/2022 5:06:38 AM	Manually integrate compound Chloroform in sample 21JAN20.D from x, y = 5.617, 0 to 5.692, 0; result = 382			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/26/2022 5:06:40 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 21JAN20.D from x, y = 5.614, 0 to 5.686, 0; result = 207			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/26/2022 5:06:43 AM	Set UserAnnotation = NI for compound Chloroform in sample 21JAN20.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/26/2022 5:06:57 AM	Manually integrate compound Benzene in sample 21JAN20.D from x, y = 6.247, 0 to 6.336, 0; result = 147			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/26/2022 5:07:01 AM	Manually integrate qualifier77.0 of compound Benzene in sample 21JAN20.D from x, y = 6.255, 0 to 6.300, 0; result = 27			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/26/2022 5:07:07 AM	Set UserAnnotation = NI for compound Benzene in sample 21JAN20.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:07:41 AM	Set SampleApproved = True for sample 21JAN20.D; previous value = False			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	1/26/2022 5:09:04 AM	Manually integrate compound Methylene chloride in sample 21JAN21.D from x, y = 3.296, 0 to 3.400, 0; result = 2007			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/26/2022 5:09:08 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN21.D from x, y = 3.296, 0 to 3.416, 0; result = 1122			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/26/2022 5:09:11 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN21.D from x, y = 3.288, 0 to 3.372, 0; result = 701			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	1/26/2022 5:09:15 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN21.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:09:30 AM	Manually integrate compound Chloromethane in sample 21JAN21.D from x, y = 1.386, 0 to 1.434, 0; result = 347			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:09:32 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN21.D from x, y = 1.383, 0 to 1.453, 0; result = 85			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/26/2022 5:09:40 AM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN21.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:10:00 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN22.D from x, y = 3.285, 0 to 3.391, 0; result = 1846			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:10:05 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN22.D from x, y = 3.296, 0 to 3.408, 0; result = 1223			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:10:34 AM	Manually integrate compound Toluene in sample 21JAN22.D from x, y = 8.355, 0 to 8.427, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011131-002A. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22011131-002A. ---> 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	1/26/2022 5:10:43 AM	Manually integrate qualifier91.0 of compound Toluene in sample 21JAN22.D from x, y = 8.352, 0 to 8.427, 0; result = 0			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:10:53 AM	Manually integrate compound Toluene in sample 21JAN22.D from x, y = 8.366, 0 to 8.416, 0; result = 2899			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/26/2022 5:11:01 AM	Set UserAnnotation = NI for compound Toluene in sample 21JAN22.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:11:22 AM	Set SampleApproved = True for sample 21JAN22.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:12:15 AM	Manually integrate compound Methylene chloride in sample 21JAN23.D from x, y = 3.294, 0 to 3.380, 0; result = 1960			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:12:18 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 21JAN23.D from x, y = 3.285, 0 to 3.388, 0; result = 1040			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:12:21 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 21JAN23.D from x, y = 3.308, 15 to 3.427, 0; result = 566			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	1/26/2022 5:12:25 AM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 21JAN23.D, from x, y = 3.257, 0 to 3.386, 0, result = 663; previous integration is from x, y = 3.308, 15 to 3.427, 0 and previous response = 566.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/26/2022 5:12:30 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 21JAN23.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	1/26/2022 5:12:45 AM	Manually integrate compound Chloromethane in sample 21JAN23.D from x, y = 1.381, 0 to 1.453, 0; result = 367			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	1/26/2022 5:12:48 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 21JAN23.D from x, y = 1.392, 0 to 1.436, 0; result = 127			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	1/26/2022 5:12:52 AM	Set UserAnnotation = NI for compound Chloromethane in sample 21JAN23.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:12:56 AM	Set SampleApproved = True for sample 21JAN23.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:12:56 AM	Set SampleApproved = False for sample 21JAN23.D; previous value = True			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:13:45 AM	Set SampleApproved = True for sample 21JAN24.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:14:52 AM	Set SampleApproved = True for sample 21JAN25.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:15:46 AM	Set SampleApproved = True for sample 21JAN27.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:16:09 AM	Set SampleApproved = True for sample 21JAN23.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	1/26/2022 5:16:26 AM	Set SampleApproved = True for sample 21JAN21.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	1/26/2022 5:18:04 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/26/2022 5:44:10 AM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/11/2022 3:48:44 AM	Open batch D:\Org\Data\VOA5975C\VG012122\VG012122_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 3:53:03 AM	Set SampleType = MatrixBlank for sample 21JAN08.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	3/11/2022 3:53:24 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	3/11/2022 3:53:58 AM	Replace level QC with QC sample 21JAN04.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, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Methylene chloride}; Replace level CC with CC sample 21JAN03.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, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Methylene chloride};				
CmdQuantitate	BL2000\mchavez	3/11/2022 3:54:15 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/11/2022 3:54:29 AM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/11/2022 3:55:26 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG012122\QuantReports\VG012122_8260B			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	3/11/2022 3:55:54 AM	Replace level CC with CC sample 21JAN27.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, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane, Methylene chloride};			✓	
CmdQuantitate	BL2000\mchavez	3/11/2022 3:56:17 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/11/2022 3:56:34 AM	Save batch D:\Org\Data\VOA5975C\VG012122\QuantResults\VG012122_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/11/2022 3:57:20 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG012122\QuantReports\VG012122_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:
Type: Primary
Prep By: Steve Dilts
Status: New
Final Volume: 10 mL
Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

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

125 Market Street
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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
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

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-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

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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

Agilent

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

toluene	000108-88-3	RM06650	2008 ± 10 µg/mL
1,2,4-trimethylbenzene	000095-63-6	RM06731	2002 ± 10 µg/mL
1,3,5-trimethylbenzene	000108-67-8	RM12905	2009 ± 10 µg/mL
o-xylene	000095-47-6	RM15639	2005 ± 10 µg/mL
m-xylene	000108-38-3	RM15919	2006 ± 10 µg/mL
p-xylene	000106-42-3	RM02647	2009 ± 10 µg/mL
bromobenzene	000108-86-1	RM10227	2008 ± 10 µg/mL
chlorobenzene	000108-90-7	RM01874	2008 ± 10 µg/mL
2-chlorotoluene	000095-49-8	RM13774	2007 ± 10 µg/mL
4-chlorotoluene	000106-43-4	RM11750	2009 ± 10 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	2005 ± 10 µg/mL
1,3-dichlorobenzene	000541-73-1	NT00356	2009 ± 10 µg/mL
1,4-dichlorobenzene	000106-46-7	RM12826	2009 ± 10 µg/mL
1,2,3-trichlorobenzene	000087-61-6	RM10193	2007 ± 10 µg/mL
1,2,4-trichlorobenzene	000120-82-1	RM09454	2009 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 4 of 4
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
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ISO 17025 Cert
No. AT-1937

125 Market Street
New Haven, CT 06513
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CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X
Description: MtBE
Lot: 220051182
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: May 18, 2020
Expiration: May 18, 2030
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
MtBE	1634-04-4	100.0	2002	2002

ID #: 13920
Opened:_____
MTBE
Expires: 5/18/2030
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

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

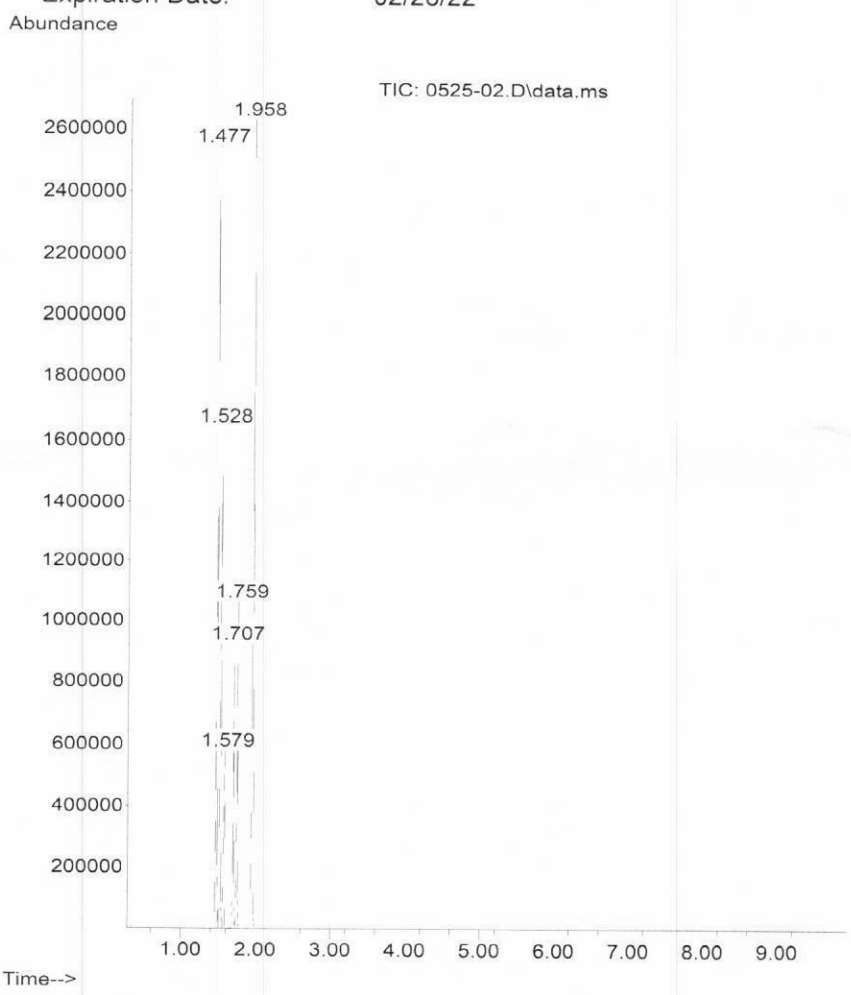
PJLA
Testing
Accreditation #63520

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

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No. AT-1937

125 Market Street
New Haven, CT 06513
USA

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www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared 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
0.058 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 500.0

Formulated By:	Mario Luis	080321 DATE
Reviewed By:	Pedro L. Rentas	080321 DATE

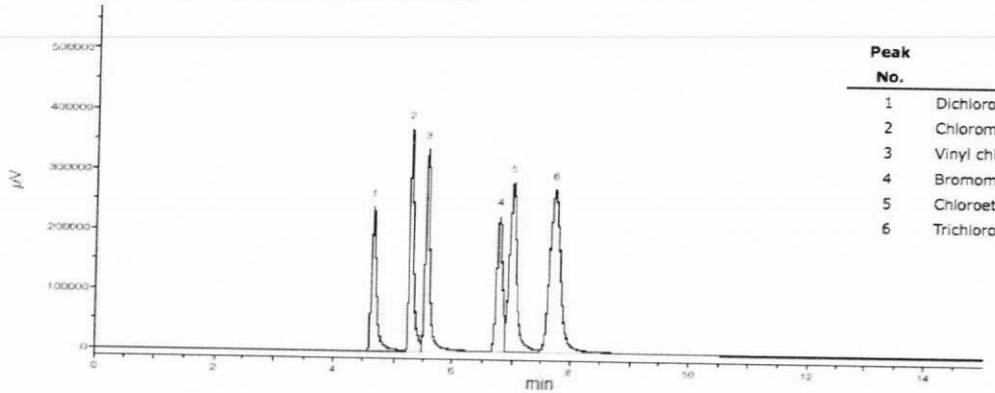
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromomethane	50	01611JX	2000	99.5	0.2	1.00508	1.0098	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
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

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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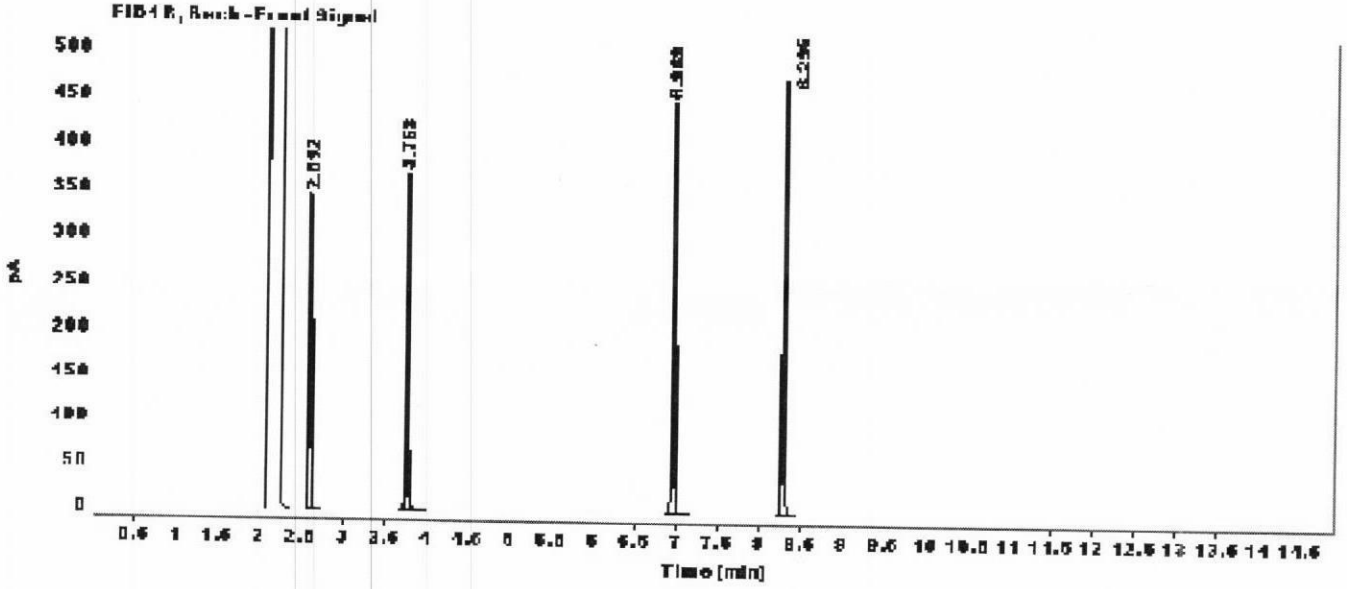
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

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

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.

Analytical RunID VOA5975C.I_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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:
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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A 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_220121A Standards Traceability Report

Spike ID: VOCF3571A
Spike Name: 2nd Source Gases
Type: Secondary
Prep Date: 1/19/2022
Prep By: Melissa Chavez
Exp Date: 1/26/2022
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	1/26/2022

Stock Source	Base Units	Amount Added
VOCF0417	ug/mL	1 mL

Analytical RunID VOA5975C.I_220121A 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

125 Market Street
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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Tel (203)786-5290
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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

Page: 2 of 4

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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

Agilent

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

toluene	000108-88-3	RM06650	2008 ± 10 µg/mL
1,2,4-trimethylbenzene	000095-63-6	RM06731	2002 ± 10 µg/mL
1,3,5-trimethylbenzene	000108-67-8	RM12905	2009 ± 10 µg/mL
o-xylene	000095-47-6	RM15639	2005 ± 10 µg/mL
m-xylene	000108-38-3	RM15919	2006 ± 10 µg/mL
p-xylene	000106-42-3	RM02647	2009 ± 10 µg/mL
bromobenzene	000108-86-1	RM10227	2008 ± 10 µg/mL
chlorobenzene	000108-90-7	RM01874	2008 ± 10 µg/mL
2-chlorotoluene	000095-49-8	RM13774	2007 ± 10 µg/mL
4-chlorotoluene	000106-43-4	RM11750	2009 ± 10 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	2005 ± 10 µg/mL
1,3-dichlorobenzene	000541-73-1	NT00356	2009 ± 10 µg/mL
1,4-dichlorobenzene	000106-46-7	RM12826	2009 ± 10 µg/mL
1,2,3-trichlorobenzene	000087-61-6	RM10193	2007 ± 10 µg/mL
1,2,4-trichlorobenzene	000120-82-1	RM09454	2009 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
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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
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CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X
Description: MtBE
Lot: 220051182
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: May 18, 2020
Expiration: May 18, 2030
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
MtBE	1634-04-4	100.0	2002	2002

ID #: 13920
Opened:_____
MTBE
Expires: 5/18/2030
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

Page 1 of 1

For use in routine laboratory analysis.

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1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Volatile Organics High Concentration Mixture #6

CONCENTRATION	2000ug/ml in Methanol
CATALOG NUMBER	M-VOHC6M5-1ML
LOT NUMBER	11882100
DATE CERTIFIED	05/25/21
EXPIRATION DATE	02/28/22
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratoy use only.
ISO 17034:2016 CERTIFIED	[ ]

ID #: 14142
Opened:
Volatile Organics High Concentration Mixture
Expires: 2/28/2022
Rec'd: 8/3/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11446	Chloroethane	75-00-3	96.300	00001728	100.0	2006.3
N-11665	Dichlorodifluoromethane	75-71-8	96.610	00001729	100.0	2012.7
N-12417	Methyl bromide	74-83-9	96.910	00024694	100.0	2019.0
N-12421	Methyl chloride	74-87-3	96.150	00001731	100.0	2003.1
N-13655	Trichlorofluoromethane	75-69-4	96.300	00027239	99.4	1994.2
N-13748	Vinyl chloride	75-01-4	96.150	00019298	100.0	2003.1

Analytical Test	Value
CONCENTRATION (GC/MSD)	VERIFIED

COA Form
Revision 3 (3/2015)

PJLA Testing
Accreditation #63529

Print Date: 07/28/21

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

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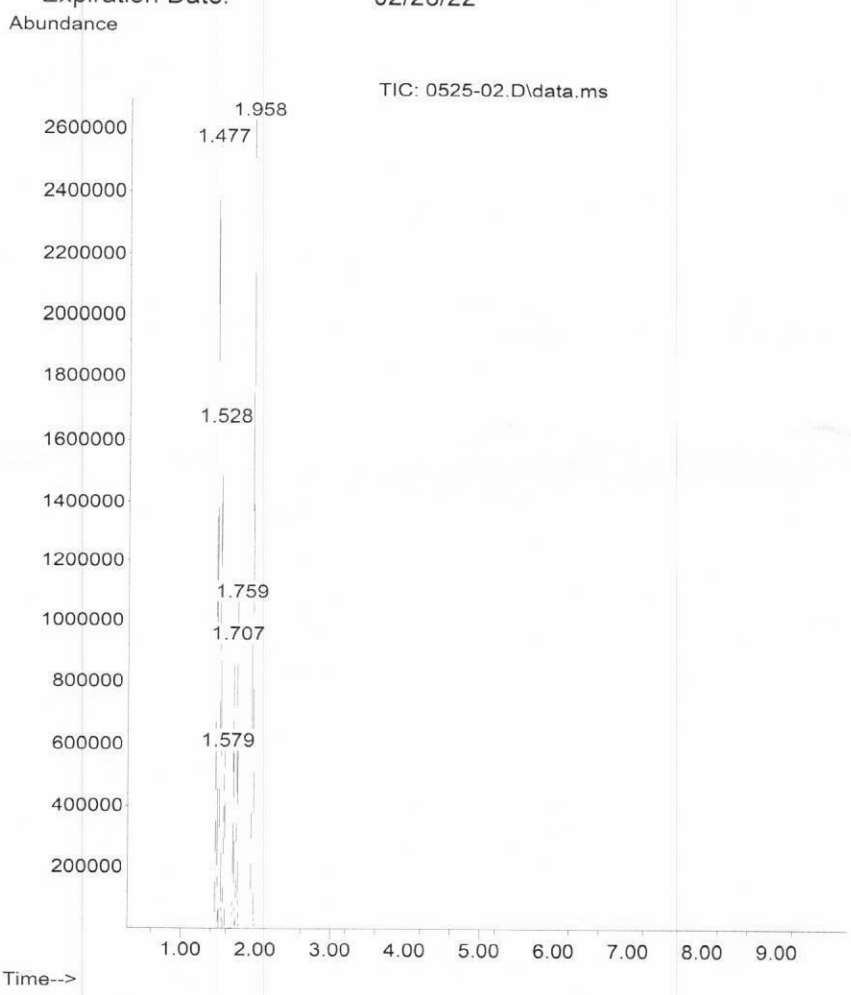
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

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
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www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Agilent

Certificate of Analysis

Product Number: STM-520-1 **Lot Number:** 0006582580

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

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No. AT-1937

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New Haven, CT 06513
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www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared 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

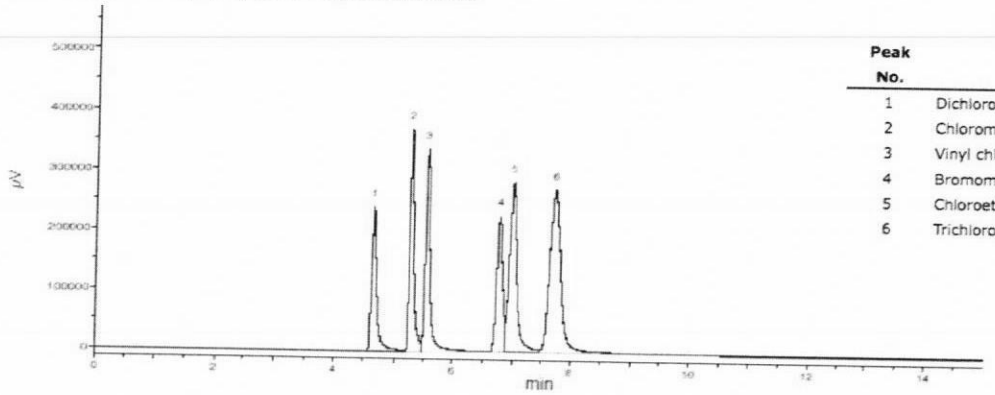
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromomethane	50	01611JX	2000	99.5	0.2	1.00508	1.0098	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
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

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

PJLA Testing

PJLA Reference Material Producer

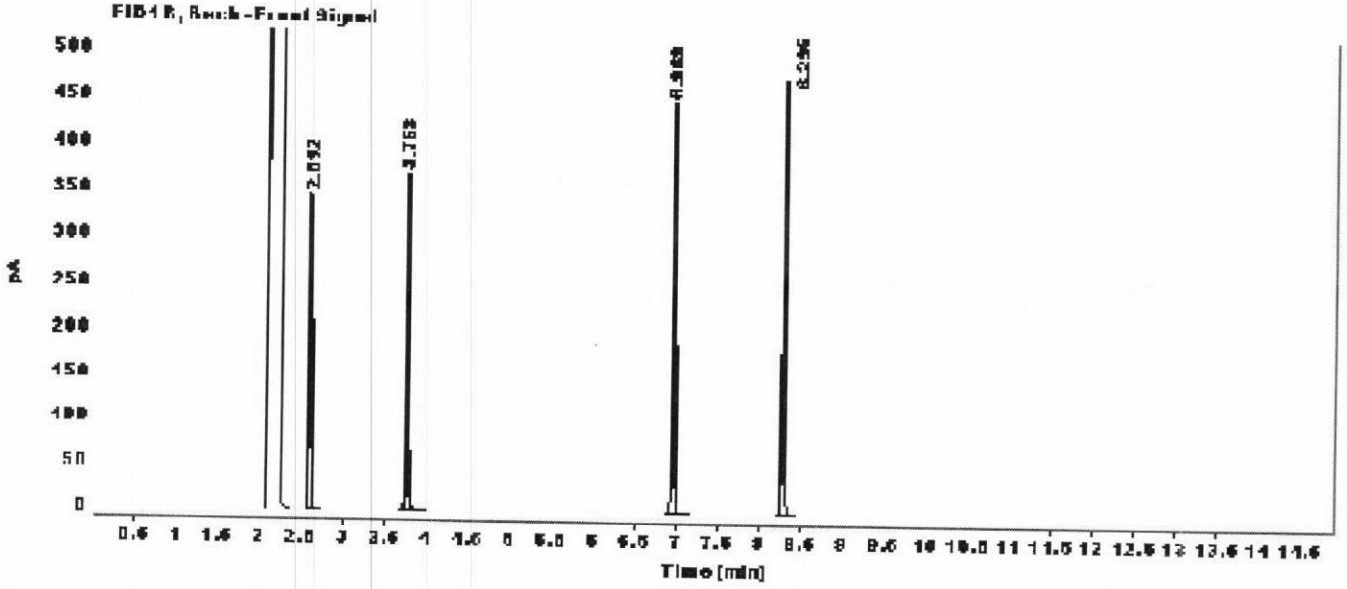
CHEM SERVICE INC

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

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

Page 1 of 1

For use in routine laboratory analysis.