Energy Laboratories Inc

ANALYTICAL RUN Summary

01-Feb-22

Run ID VOA5975C.I_211204A

Run Start Date: 12/4/2021
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
VOCF3463	Internals	8.4	ul	42	ml	CAL	12/31/2021
VOCF3497B	Liquids		ul	42	ml	CAL	12/11/2021
VOCF3505B	2nd Source Liquids	1.05	ul	42	ml	ICV	12/23/2021
VOCF3507B	MtBE		ul	42	ml	CAL	12/25/2021
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	MBLK, ICV	12/31/2022
VOCF3518	Calibration Surrogates		ul	42	ml	CAL	12/31/2022
VOCF3523B	Gases		ul	42	ml	CAL	12/5/2021
VOCF3524B	2nd Source Gases	1.05	ul	42	ml	ICV	12/5/2021
VOCF3526	Ketones		ul	42	ml	CAL	12/22/2021
VOCF3529A	2nd Source MtBE	1.05	ul	42	ml	ICV	12/29/2021
VOCF3534	2nd Source Ketones	1.05	ul	42	ml	ICV	12/30/2021

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14908966	04DEC02_D_T	VOC-8260-BFB	TUNE	\5975C\VG12042	12/4/2021 11:49:	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	0	0		100	0	0	0	0	0	0%	0	1.99	0%	
174, % of mass 95	A	%	89	89		100	0	0	0	0	0	89%	50	99.99	0%	
175, % of mass 174	A	%	6.4	6.4		100	0	0	0	0	0	6%	5	9	0%	
176, % of mass 174	A	%	98.5	98.5		100	0	0	0	0	0	99%	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	%	21.4	21.4		100	0	0	0	0	0	21%	15	40	0%	
75, % of mass 95	A	%	52	52		100	0	0	0	0	0	52%	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%	

1

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909309	MBLK120421	VOC-8260-W-Q	MBLK	\5975C\VG12042	12/4/2021 12:26:	1	R371378		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	0.107	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	0.176	0.5	500	0%	0	0	0%	
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.145	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	0.385	0.5	500	0%	0	0	0%	
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.156	0.5	500	0%	0	0	0%	
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0893	0.5	500	0%	0	0	0%	
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0996	0.5	500	0%	0	0	0%	
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.106	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	0.196	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	0.0912	0.5	500	0%	0	0	0%	
Benzene	A	ug/L	0.11234	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Bromobenzene	A	ug/L	0	0		0	0	0	0.115	0.5	500	0%	0	0	0%	
Bromochloromethane	A	ug/L	0	0		0	0	0	0.176	0.5	500	0%	0	0	0%	
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.155	0.5	500	0%	0	0	0%	
Bromoform	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Bromomethane	A	ug/L	0	0		0	0	0	0.253	0.5	500	0%	0	0	0%	
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.165	0.5	500	0%	0	0	0%	
Chlorobenzene	A	ug/L	0	0		0	0	0	0.12	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	0.191	0.5	500	0%	0	0	0%	
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.167	0.5	500	0%	0	0	0%	
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0943	0.5	500	0%	0	0	0%	
Dibromomethane	A	ug/L	0	0		0	0	0	0.162	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	0.0912	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
14909309	MBLK120421	VOC-8260-W-Q	MBLK	\5975C\VG12042	12/4/2021 12:26:	1	R371378		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	0.59604	0		0	0	0	0.165	0.5	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	2.22	10	5000	0%	0	0	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Methylene chloride	A	ug/L	1.05273	0		0	0	0	0.134	0.5	500	0%	0	0	0%	
o-Xylene	A	ug/L	0.12237	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	0.13562	0		0	0	0	0.075	0.5	500	0%	0	0	0%	
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.151	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	0.71841	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	257.87704	10.3150816		10	0	0	0.0848	0.5	500	103%	70	130	0%	
Dibromofluoromethane	S	ug/L	263.88537	10.5554148		10	0	0	0.129	0.5	500	106%	77	126	0%	
p-Bromofluorobenzene	S	ug/L	270.99057	10.8396228		10	0	0	0.149	0.5	500	108%	76	127	0%	
Toluene-d8	S	ug/L	262.16268	10.4865072		10	0	0	0.0617	0.5	500	105%	79	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909310	ICAL120421_1	VOC-8260-W-Q	CAL1	\5975C\VG12042	12/4/2021 1:03:0	1	R371378		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	2.96206	0.1184824		0.1	0	0	0.107	0.5	500	118%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	2.8953	0.115812		0.1	0	0	0.0872	0.5	500	116%	50	150	0%	
1,1-Dichloropropene	A	ug/L	2.31268	0.0925072		0.1	0	0	0.083	0.5	500	93%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	2.35911	0.0943644		0.1	0	0	0.0858	0.5	500	94%	50	150	0%	
1,2-Dichloropropane	A	ug/L	2.37085	0.094834		0.1	0	0	0.0893	0.5	500	95%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	2.52442	0.1009768		0.1	0	0	0.0996	0.5	500	101%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	2.69249	0.1076996		0.1	0	0	0.0858	0.5	500	108%	50	150	0%	
2-Chlorotoluene	A	ug/L	2.27348	0.0909392		0.1	0	0	0.0876	0.5	500	91%	50	150	0%	
4-Chlorotoluene	A	ug/L	2.28171	0.0912684		0.1	0	0	0.0912	0.5	500	91%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909310	ICAL120421_1	VOC-8260-W-Q	CAL1	\5975C\VG12042	12/4/2021 1:03:0	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chlorodibromomethane	A	ug/L	2.49068	0.0996272		0.1	0	0	0.0841	0.5	500	100%	50	150	0%	
Chloroform	A	ug/L	2.63592	0.1054368		0.1	0	0	0.0789	0.5	500	105%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	2.57227	0.1028908		0.1	0	0	0.0943	0.5	500	103%	50	150	0%	
Ethylbenzene	A	ug/L	2.40841	0.0963364		0.1	0	0	0.0912	0.5	500	96%	50	150	0%	
m+p-Xylenes	A	ug/L	4.61877	0.1847508		0.2	0	0	0.165	0.5	1000	92%	50	150	0%	
o-Xylene	A	ug/L	2.38994	0.0955976		0.1	0	0	0.0604	0.5	500	96%	50	150	0%	
Styrene	A	ug/L	2.20526	0.0882104		0.1	0	0	0.067	0.5	500	88%	50	150	0%	
Tetrachloroethene	A	ug/L	2.50579	0.1002316		0.1	0	0	0.0671	0.5	500	100%	50	150	0%	
Toluene	A	ug/L	2.51064	0.1004256		0.1	0	0	0.075	0.5	500	100%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	2.37377	0.0949508		0.1	0	0	0.0846	0.5	500	95%	50	150	0%	
Trichloroethene	A	ug/L	2.65725	0.10629		0.1	0	0	0.0993	0.5	500	106%	50	150	0%	
Xylenes, Total	M	ug/L	7.00871	0.2803484		0.3	0	0	0.0604	0.5	1500	93%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909311	ICAL120421_2	VOC-8260-W-Q	CAL2	\5975C\VG12042	12/4/2021 1:30:2	1	R371378		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	11.88735	0.475494		0.5	0	0	0.107	0.5	500	95%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	11.85171	0.4740684		0.5	0	0	0.131	0.5	500	95%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	12.32444	0.4929776		0.5	0	0	0.0872	0.5	500	99%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	13.37551	0.5350204		0.5	0	0	0.108	0.5	500	107%	50	150	0%	
1,1-Dichloroethane	A	ug/L	12.67474	0.5069896		0.5	0	0	0.176	0.5	500	101%	50	150	0%	
1,1-Dichloroethene	A	ug/L	13.04971	0.5219884		0.5	0	0	0.145	0.5	500	104%	50	150	0%	
1,1-Dichloropropene	A	ug/L	11.8441	0.473764		0.5	0	0	0.083	0.5	500	95%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	13.41619	0.5366476		0.5	0	0	0.385	0.5	500	107%	50	150	0%	
1,2-Dibromoethane	A	ug/L	12.2241	0.488964		0.5	0	0	0.143	0.5	500	98%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	12.58489	0.5033956		0.5	0	0	0.0858	0.5	500	101%	70	130	0%	
1,2-Dichloroethane	A	ug/L	12.65027	0.5060108		0.5	0	0	0.156	0.5	500	101%	50	150	0%	
1,2-Dichloropropane	A	ug/L	11.80863	0.4723452		0.5	0	0	0.0893	0.5	500	94%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	12.39505	0.495802		0.5	0	0	0.0996	0.5	500	99%	70	130	0%	
1,3-Dichloropropane	A	ug/L	12.40942	0.4963768		0.5	0	0	0.106	0.5	500	99%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	12.36191	0.4944764		0.5	0	0	0.0858	0.5	500	99%	70	130	0%	
2,2-Dichloropropane	A	ug/L	12.51756	0.5007024		0.5	0	0	0.196	0.5	500	100%	50	150	0%	
2-Chlorotoluene	A	ug/L	11.60189	0.4640756		0.5	0	0	0.0876	0.5	500	93%	70	130	0%	
4-Chlorotoluene	A	ug/L	11.99992	0.4799968		0.5	0	0	0.0912	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
14909311	ICAL120421_2	VOC-8260-W-Q	CAL2	\5975C\VG12042	12/4/2021 1:30:2	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	12.08384	0.4833536		0.5	0	0	0.119	0.5	500	97%	50	150	0%	
Bromobenzene	A	ug/L	12.06879	0.4827516		0.5	0	0	0.115	0.5	500	97%	50	150	0%	
Bromochloromethane	A	ug/L	11.90299	0.4761196		0.5	0	0	0.176	0.5	500	95%	50	150	0%	
Bromodichloromethane	A	ug/L	12.3375	0.4935		0.5	0	0	0.155	0.5	500	99%	50	150	0%	
Bromoform	A	ug/L	11.56055	0.462422		0.5	0	0	0.119	0.5	500	92%	50	150	0%	
Bromomethane	A	ug/L	13.69962	0.5479848		0.5	0	0	0.253	0.5	500	110%	50	150	0%	
Carbon tetrachloride	A	ug/L	12.07184	0.4828736		0.5	0	0	0.165	0.5	500	97%	50	150	0%	
Chlorobenzene	A	ug/L	12.60278	0.5041112		0.5	0	0	0.12	0.5	500	101%	50	150	0%	
Chlorodibromomethane	A	ug/L	11.4188	0.456752		0.5	0	0	0.0841	0.5	500	91%	70	130	0%	
Chloroethane	A	ug/L	13.38433	0.5353732		0.5	0	0	0.169	0.5	500	107%	50	150	0%	
Chloroform	A	ug/L	12.5437	0.501748		0.5	0	0	0.0789	0.5	500	100%	70	130	0%	
Chloromethane	A	ug/L	12.60204	0.5040816		0.5	0	0	0.191	0.5	500	101%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	12.5117	0.500468		0.5	0	0	0.167	0.5	500	100%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	11.43729	0.4574916		0.5	0	0	0.0943	0.5	500	91%	70	130	0%	
Dibromomethane	A	ug/L	13.07873	0.5231492		0.5	0	0	0.162	0.5	500	105%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	12.24181	0.4896724		0.5	0	0	0.175	0.5	500	98%	50	150	0%	
Ethylbenzene	A	ug/L	11.4198	0.456792		0.5	0	0	0.0912	0.5	500	91%	70	130	0%	
m+p-Xylenes	A	ug/L	22.53144	0.9012576		1	0	0	0.165	0.5	1000	90%	70	130	0%	
Methyl ethyl ketone	A	ug/L	115.82269	4.6329076		5	0	0	2.22	10	5000	93%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	11.83904	0.4735616		0.5	0	0	0.119	0.5	500	95%	50	150	0%	
Methylene chloride	A	ug/L	13.36424	0.5345696		0.5	0	0	0.134	0.5	500	107%	50	150	0%	
o-Xylene	A	ug/L	11.16397	0.4465588		0.5	0	0	0.0604	0.5	500	89%	70	130	0%	
Styrene	A	ug/L	11.10218	0.4440872		0.5	0	0	0.067	0.5	500	89%	70	130	0%	
Tetrachloroethene	A	ug/L	11.6684	0.466736		0.5	0	0	0.0671	0.5	500	93%	70	130	0%	
Toluene	A	ug/L	11.66436	0.4665744		0.5	0	0	0.075	0.5	500	93%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	12.56351	0.5025404		0.5	0	0	0.151	0.5	500	101%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	11.97755	0.479102		0.5	0	0	0.0846	0.5	500	96%	70	130	0%	
Trichloroethene	A	ug/L	12.31418	0.4925672		0.5	0	0	0.0993	0.5	500	99%	70	130	0%	
Trichlorofluoromethane	A	ug/L	12.21422	0.4885688		0.5	0	0	0.134	0.5	500	98%	50	150	0%	
Vinyl chloride	A	ug/L	12.30232	0.4920928		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	33.69541	1.3478164		1.5	0	0	0.0604	0.5	1500	90%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	13.19589	0.5278356		0.5	0	0	0.0848	0.5	500	106%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909311	ICAL120421_2	VOC-8260-W-Q	CAL2	\5975C\VG12042	12/4/2021 1:30:2	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	12.29736	0.4918944		0.5	0	0	0.129	0.5	500	98%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	12.53049	0.5012196		0.5	0	0	0.149	0.5	500	100%	50	150	0%	
Toluene-d8	S	ug/L	11.64149	0.4656596		0.5	0	0	0.0617	0.5	500	93%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909312	ICAL120421_3	VOC-8260-W-Q	CAL3	\5975C\VG12042	12/4/2021 1:57:4	1	R371378		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	23.76779	0.9507116		1	0	0	0.107	0.5	500	95%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	24.25798	0.9703192		1	0	0	0.131	0.5	500	97%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	24.92774	0.9971096		1	0	0	0.0872	0.5	500	100%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	23.85272	0.9541088		1	0	0	0.108	0.5	500	95%	70	130	0%	
1,1-Dichloroethane	A	ug/L	23.87175	0.95487		1	0	0	0.176	0.5	500	95%	70	130	0%	
1,1-Dichloroethene	A	ug/L	23.31642	0.9326568		1	0	0	0.145	0.5	500	93%	70	130	0%	
1,1-Dichloropropene	A	ug/L	23.38598	0.9354392		1	0	0	0.083	0.5	500	94%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	27.36078	1.0944312		1	0	0	0.385	0.5	500	109%	70	130	0%	
1,2-Dibromoethane	A	ug/L	22.79877	0.9119508		1	0	0	0.143	0.5	500	91%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	24.39692	0.9758768		1	0	0	0.0858	0.5	500	98%	70	130	0%	
1,2-Dichloroethane	A	ug/L	23.69501	0.9478004		1	0	0	0.156	0.5	500	95%	70	130	0%	
1,2-Dichloropropane	A	ug/L	23.73034	0.9492136		1	0	0	0.0893	0.5	500	95%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	23.90806	0.9563224		1	0	0	0.0996	0.5	500	96%	70	130	0%	
1,3-Dichloropropane	A	ug/L	23.01452	0.9205808		1	0	0	0.106	0.5	500	92%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	24.38944	0.9755776		1	0	0	0.0858	0.5	500	98%	70	130	0%	
2,2-Dichloropropane	A	ug/L	24.50612	0.9802448		1	0	0	0.196	0.5	500	98%	70	130	0%	
2-Chlorotoluene	A	ug/L	22.30002	0.8920008		1	0	0	0.0876	0.5	500	89%	70	130	0%	
4-Chlorotoluene	A	ug/L	23.33024	0.9332096		1	0	0	0.0912	0.5	500	93%	70	130	0%	
Benzene	A	ug/L	24.21624	0.9686496		1	0	0	0.119	0.5	500	97%	70	130	0%	
Bromobenzene	A	ug/L	25.61766	1.0247064		1	0	0	0.115	0.5	500	102%	70	130	0%	
Bromochloromethane	A	ug/L	24.75692	0.9902768		1	0	0	0.176	0.5	500	99%	70	130	0%	
Bromodichloromethane	A	ug/L	23.92087	0.9568348		1	0	0	0.155	0.5	500	96%	70	130	0%	
Bromoform	A	ug/L	23.96952	0.9587808		1	0	0	0.119	0.5	500	96%	70	130	0%	
Bromomethane	A	ug/L	23.22952	0.9291808		1	0	0	0.253	0.5	500	93%	70	130	0%	
Carbon tetrachloride	A	ug/L	23.23788	0.9295152		1	0	0	0.165	0.5	500	93%	70	130	0%	
Chlorobenzene	A	ug/L	24.39002	0.9756008		1	0	0	0.12	0.5	500	98%	70	130	0%	
Chlorodibromomethane	A	ug/L	24.30756	0.9723024		1	0	0	0.0841	0.5	500	97%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909312	ICAL120421_3	VOC-8260-W-Q	CAL3	\5975C\VG12042	12/4/2021 1:57:4	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	24.90031	0.9960124		1	0	0	0.169	0.5	500	100%	70	130	0%	
Chloroform	A	ug/L	23.88683	0.9554732		1	0	0	0.0789	0.5	500	96%	70	130	0%	
Chloromethane	A	ug/L	24.59212	0.9836848		1	0	0	0.191	0.5	500	98%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	23.56822	0.9427288		1	0	0	0.167	0.5	500	94%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	22.40976	0.8963904		1	0	0	0.0943	0.5	500	90%	70	130	0%	
Dibromomethane	A	ug/L	23.94456	0.9577824		1	0	0	0.162	0.5	500	96%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	23.9588	0.958352		1	0	0	0.175	0.5	500	96%	70	130	0%	
Ethylbenzene	A	ug/L	23.53398	0.9413592		1	0	0	0.0912	0.5	500	94%	70	130	0%	
m+p-Xylenes	A	ug/L	45.3613	1.814452		2	0	0	0.165	0.5	1000	91%	70	130	0%	
Methyl ethyl ketone	A	ug/L	243.79588	9.7518352		10	0	0	2.22	10	5000	98%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	24.06382	0.9625528		1	0	0	0.119	0.5	500	96%	70	130	0%	
Methylene chloride	A	ug/L	25.93289	1.0373156		1	0	0	0.134	0.5	500	104%	70	130	0%	
o-Xylene	A	ug/L	22.74236	0.9096944		1	0	0	0.0604	0.5	500	91%	70	130	0%	
Styrene	A	ug/L	22.7357	0.909428		1	0	0	0.067	0.5	500	91%	70	130	0%	
Tetrachloroethene	A	ug/L	24.35896	0.9743584		1	0	0	0.0671	0.5	500	97%	70	130	0%	
Toluene	A	ug/L	22.33663	0.8934652		1	0	0	0.075	0.5	500	89%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	24.15529	0.9662116		1	0	0	0.151	0.5	500	97%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	22.97397	0.9189588		1	0	0	0.0846	0.5	500	92%	70	130	0%	
Trichloroethene	A	ug/L	23.77867	0.9511468		1	0	0	0.0993	0.5	500	95%	70	130	0%	
Trichlorofluoromethane	A	ug/L	23.9229	0.956916		1	0	0	0.134	0.5	500	96%	70	130	0%	
Vinyl chloride	A	ug/L	23.78807	0.9515228		1	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	68.10366	2.7241464		3	0	0	0.0604	0.5	1500	91%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	24.55462	0.9821848		1	0	0	0.0848	0.5	500	98%	70	130	0%	
Dibromofluoromethane	S	ug/L	25.38554	1.0154216		1	0	0	0.129	0.5	500	102%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	23.96878	0.9587512		1	0	0	0.149	0.5	500	96%	70	130	0%	
Toluene-d8	S	ug/L	23.3687	0.934748		1	0	0	0.0617	0.5	500	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909313	ICAL120421_4	VOC-8260-W-Q	CAL4	\5975C\VG12042	12/4/2021 2:25:1	1	R371378		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
14909313	ICAL120421_4	VOC-8260-W-Q	CAL4	\5975C\VG12042	12/4/2021 2:25:1	1	R371378		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	45.63752	1.8255008		2	0	0	0.107	0.5	500	91%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	47.43504	1.8974016		2	0	0	0.131	0.5	500	95%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	48.6799	1.947196		2	0	0	0.0872	0.5	500	97%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	48.94568	1.9578272		2	0	0	0.108	0.5	500	98%	70	130	0%	
1,1-Dichloroethane	A	ug/L	48.3712	1.934848		2	0	0	0.176	0.5	500	97%	70	130	0%	
1,1-Dichloroethene	A	ug/L	48.2643	1.930572		2	0	0	0.145	0.5	500	97%	70	130	0%	
1,1-Dichloropropene	A	ug/L	45.87732	1.8350928		2	0	0	0.083	0.5	500	92%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	51.39731	2.0558924		2	0	0	0.385	0.5	500	103%	70	130	0%	
1,2-Dibromoethane	A	ug/L	48.97884	1.9591536		2	0	0	0.143	0.5	500	98%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	47.51857	1.9007428		2	0	0	0.0858	0.5	500	95%	70	130	0%	
1,2-Dichloroethane	A	ug/L	48.6299	1.945196		2	0	0	0.156	0.5	500	97%	70	130	0%	
1,2-Dichloropropane	A	ug/L	47.9931	1.919724		2	0	0	0.0893	0.5	500	96%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	47.74017	1.9096068		2	0	0	0.0996	0.5	500	95%	70	130	0%	
1,3-Dichloropropane	A	ug/L	48.47712	1.9390848		2	0	0	0.106	0.5	500	97%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	47.09508	1.8838032		2	0	0	0.0858	0.5	500	94%	70	130	0%	
2,2-Dichloropropane	A	ug/L	47.24639	1.8898556		2	0	0	0.196	0.5	500	94%	70	130	0%	
2-Chlorotoluene	A	ug/L	47.91605	1.916642		2	0	0	0.0876	0.5	500	96%	70	130	0%	
4-Chlorotoluene	A	ug/L	47.56762	1.9027048		2	0	0	0.0912	0.5	500	95%	70	130	0%	
Benzene	A	ug/L	46.27819	1.8511276		2	0	0	0.119	0.5	500	93%	70	130	0%	
Bromobenzene	A	ug/L	47.84325	1.91373		2	0	0	0.115	0.5	500	96%	70	130	0%	
Bromochloromethane	A	ug/L	50.12038	2.0048152		2	0	0	0.176	0.5	500	100%	70	130	0%	
Bromodichloromethane	A	ug/L	47.58351	1.9033404		2	0	0	0.155	0.5	500	95%	70	130	0%	
Bromoform	A	ug/L	48.65461	1.9461844		2	0	0	0.119	0.5	500	97%	70	130	0%	
Bromomethane	A	ug/L	48.00706	1.9202824		2	0	0	0.253	0.5	500	96%	70	130	0%	
Carbon tetrachloride	A	ug/L	46.32897	1.8531588		2	0	0	0.165	0.5	500	93%	70	130	0%	
Chlorobenzene	A	ug/L	47.17313	1.8869252		2	0	0	0.12	0.5	500	94%	70	130	0%	
Chlorodibromomethane	A	ug/L	47.53032	1.9012128		2	0	0	0.0841	0.5	500	95%	70	130	0%	
Chloroethane	A	ug/L	47.95805	1.918322		2	0	0	0.169	0.5	500	96%	70	130	0%	
Chloroform	A	ug/L	48.54138	1.9416552		2	0	0	0.0789	0.5	500	97%	70	130	0%	
Chloromethane	A	ug/L	47.69299	1.9077196		2	0	0	0.191	0.5	500	95%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	47.66212	1.9064848		2	0	0	0.167	0.5	500	95%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	46.85133	1.8740532		2	0	0	0.0943	0.5	500	94%	70	130	0%	
Dibromomethane	A	ug/L	47.67927	1.9071708		2	0	0	0.162	0.5	500	95%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	47.44093	1.8976372		2	0	0	0.175	0.5	500	95%	70	130	0%	
Ethylbenzene	A	ug/L	45.51727	1.8206908		2	0	0	0.0912	0.5	500	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909313	ICAL120421_4	VOC-8260-W-Q	CAL4	\5975C\VG12042	12/4/2021 2:25:1	1	R371378		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	94.07293	3.7629172		4	0	0	0.165	0.5	1000	94%	70	130	0%	
Methyl ethyl ketone	A	ug/L	513.2815	20.53126		20	0	0	2.22	10	5000	103%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	48.24679	1.9298716		2	0	0	0.119	0.5	500	96%	70	130	0%	
Methylene chloride	A	ug/L	49.83929	1.9935716		2	0	0	0.134	0.5	500	100%	70	130	0%	
o-Xylene	A	ug/L	47.64556	1.9058224		2	0	0	0.0604	0.5	500	95%	70	130	0%	
Styrene	A	ug/L	46.96182	1.8784728		2	0	0	0.067	0.5	500	94%	70	130	0%	
Tetrachloroethene	A	ug/L	46.19974	1.8479896		2	0	0	0.0671	0.5	500	92%	70	130	0%	
Toluene	A	ug/L	46.73372	1.8693488		2	0	0	0.075	0.5	500	93%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	47.4119	1.896476		2	0	0	0.151	0.5	500	95%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	46.73186	1.8692744		2	0	0	0.0846	0.5	500	93%	70	130	0%	
Trichloroethene	A	ug/L	45.7846	1.831384		2	0	0	0.0993	0.5	500	92%	70	130	0%	
Trichlorofluoromethane	A	ug/L	47.0547	1.882188		2	0	0	0.134	0.5	500	94%	70	130	0%	
Vinyl chloride	A	ug/L	47.24103	1.8896412		2	0	0	0.153	0.5	500	94%	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	141.71849	5.6687396		6	0	0	0.0604	0.5	1500	94%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	49.80514	1.9922056		2	0	0	0.0848	0.5	500	100%	70	130	0%	
Dibromofluoromethane	S	ug/L	48.9551	1.958204		2	0	0	0.129	0.5	500	98%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	47.90742	1.9162968		2	0	0	0.149	0.5	500	96%	70	130	0%	
Toluene-d8	S	ug/L	46.86763	1.8747052		2	0	0	0.0617	0.5	500	94%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909314	ICAL120421_5	VOC-8260-W-Q	CAL5	\5975C\VG12042	12/4/2021 3:20:0	1	R371378		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	122.14129	4.8856516		5	0	0	0.107	0.5	500	98%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	129.6023	5.184092		5	0	0	0.131	0.5	500	104%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	123.1246	4.924984		5	0	0	0.0872	0.5	500	98%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	123.67113	4.9468452		5	0	0	0.108	0.5	500	99%	70	130	0%	
1,1-Dichloroethane	A	ug/L	127.95953	5.1183812		5	0	0	0.176	0.5	500	102%	70	130	0%	
1,1-Dichloroethene	A	ug/L	129.42313	5.1769252		5	0	0	0.145	0.5	500	104%	70	130	0%	
1,1-Dichloropropene	A	ug/L	133.32011	5.3328044		5	0	0	0.083	0.5	500	107%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	122.11288	4.8845152		5	0	0	0.385	0.5	500	98%	70	130	0%	
1,2-Dibromoethane	A	ug/L	128.45879	5.1383516		5	0	0	0.143	0.5	500	103%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909314	ICAL120421_5	VOC-8260-W-Q	CAL5	\5975C\VG12042	12/4/2021 3:20:0	1	R371378		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	130.54859	5.2219436		5	0	0	0.0858	0.5	500	104%	70	130	0%	
1,2-Dichloroethane	A	ug/L	131.81698	5.2726792		5	0	0	0.156	0.5	500	105%	70	130	0%	
1,2-Dichloropropane	A	ug/L	128.37662	5.1350648		5	0	0	0.0893	0.5	500	103%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	128.80782	5.1523128		5	0	0	0.0996	0.5	500	103%	70	130	0%	
1,3-Dichloropropane	A	ug/L	126.58174	5.0632696		5	0	0	0.106	0.5	500	101%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	129.2415	5.16966		5	0	0	0.0858	0.5	500	103%	70	130	0%	
2,2-Dichloropropane	A	ug/L	130.57118	5.2228472		5	0	0	0.196	0.5	500	104%	70	130	0%	
2-Chlorotoluene	A	ug/L	136.07414	5.4429656		5	0	0	0.0876	0.5	500	109%	70	130	0%	
4-Chlorotoluene	A	ug/L	134.98788	5.3995152		5	0	0	0.0912	0.5	500	108%	70	130	0%	
Benzene	A	ug/L	130.37478	5.2149912		5	0	0	0.119	0.5	500	104%	70	130	0%	
Bromobenzene	A	ug/L	129.47525	5.17901		5	0	0	0.115	0.5	500	104%	70	130	0%	
Bromochloromethane	A	ug/L	128.96926	5.1587704		5	0	0	0.176	0.5	500	103%	70	130	0%	
Bromodichloromethane	A	ug/L	124.95916	4.9983664		5	0	0	0.155	0.5	500	100%	70	130	0%	
Bromoform	A	ug/L	128.37572	5.1350288		5	0	0	0.119	0.5	500	103%	70	130	0%	
Bromomethane	A	ug/L	125.64447	5.0257788		5	0	0	0.253	0.5	500	101%	70	130	0%	
Carbon tetrachloride	A	ug/L	131.47445	5.258978		5	0	0	0.165	0.5	500	105%	70	130	0%	
Chlorobenzene	A	ug/L	125.95712	5.0382848		5	0	0	0.12	0.5	500	101%	70	130	0%	
Chlorodibromomethane	A	ug/L	129.53365	5.181346		5	0	0	0.0841	0.5	500	104%	70	130	0%	
Chloroethane	A	ug/L	123.72673	4.9490692		5	0	0	0.169	0.5	500	99%	70	130	0%	
Chloroform	A	ug/L	128.06246	5.1224984		5	0	0	0.0789	0.5	500	102%	70	130	0%	
Chloromethane	A	ug/L	123.78774	4.9515096		5	0	0	0.191	0.5	500	99%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	129.91404	5.1965616		5	0	0	0.167	0.5	500	104%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	126.58137	5.0632548		5	0	0	0.0943	0.5	500	101%	70	130	0%	
Dibromomethane	A	ug/L	124.9827	4.999308		5	0	0	0.162	0.5	500	100%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	128.01803	5.1207212		5	0	0	0.175	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	131.60484	5.2641936		5	0	0	0.0912	0.5	500	105%	70	130	0%	
m+p-Xylenes	A	ug/L	266.29718	10.6518872		10	0	0	0.165	0.5	1000	107%	70	130	0%	
Methyl ethyl ketone	A	ug/L	1256.0888	50.243552		50	0	0	2.22	10	5000	100%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	120.24567	4.8098268		5	0	0	0.119	0.5	500	96%	70	130	0%	
Methylene chloride	A	ug/L	125.40444	5.0161776		5	0	0	0.134	0.5	500	100%	70	130	0%	
o-Xylene	A	ug/L	130.08867	5.2035468		5	0	0	0.0604	0.5	500	104%	70	130	0%	
Styrene	A	ug/L	135.01841	5.4007364		5	0	0	0.067	0.5	500	108%	70	130	0%	
Tetrachloroethene	A	ug/L	129.53074	5.1812296		5	0	0	0.0671	0.5	500	104%	70	130	0%	
Toluene	A	ug/L	132.22414	5.2889656		5	0	0	0.075	0.5	500	106%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	129.88314	5.1953256		5	0	0	0.151	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
14909314	ICAL120421_5	VOC-8260-W-Q	CAL5	\5975C\VG12042	12/4/2021 3:20:0	1	R371378		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	128.13354	5.1253416		5	0	0	0.0846	0.5	500	103%	70	130	0%	
Trichloroethene	A	ug/L	128.83493	5.1533972		5	0	0	0.0993	0.5	500	103%	70	130	0%	
Trichlorofluoromethane	A	ug/L	128.71366	5.1485464		5	0	0	0.134	0.5	500	103%	70	130	0%	
Vinyl chloride	A	ug/L	126.36083	5.0544332		5	0	0	0.153	0.5	500	101%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	396.38585	15.855434		15	0	0	0.0604	0.5	1500	106%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	121.35653	4.8542612		5	0	0	0.0848	0.5	500	97%	70	130	0%	
Dibromofluoromethane	S	ug/L	120.42439	4.8169756		5	0	0	0.129	0.5	500	96%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	124.58725	4.98349		5	0	0	0.149	0.5	500	100%	70	130	0%	
Toluene-d8	S	ug/L	123.99544	4.9598176		5	0	0	0.0617	0.5	500	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909315	ICAL120421_6	VOC-8260-W-Q	CAL6	\5975C\VG12042	12/4/2021 4:14:5	1	R371378		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	251.04925	10.04197		10	0	0	0.107	0.5	500	100%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	253.58346	10.1433384		10	0	0	0.131	0.5	500	101%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	241.98261	9.6793044		10	0	0	0.0872	0.5	500	97%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	246.62747	9.8650988		10	0	0	0.108	0.5	500	99%	70	130	0%	
1,1-Dichloroethane	A	ug/L	250.84561	10.0338244		10	0	0	0.176	0.5	500	100%	70	130	0%	
1,1-Dichloroethene	A	ug/L	247.85656	9.9142624		10	0	0	0.145	0.5	500	99%	70	130	0%	
1,1-Dichloropropene	A	ug/L	264.4531	10.578124		10	0	0	0.083	0.5	500	106%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	233.08789	9.3235156		10	0	0	0.385	0.5	500	93%	70	130	0%	
1,2-Dibromoethane	A	ug/L	256.21964	10.2487856		10	0	0	0.143	0.5	500	102%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	258.4	10.336		10	0	0	0.0858	0.5	500	103%	70	130	0%	
1,2-Dichloroethane	A	ug/L	246.21616	9.8486464		10	0	0	0.156	0.5	500	98%	70	130	0%	
1,2-Dichloropropane	A	ug/L	262.95795	10.518318		10	0	0	0.0893	0.5	500	105%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	254.4217	10.176868		10	0	0	0.0996	0.5	500	102%	70	130	0%	
1,3-Dichloropropane	A	ug/L	254.59024	10.1836096		10	0	0	0.106	0.5	500	102%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	250.20837	10.0083348		10	0	0	0.0858	0.5	500	100%	70	130	0%	
2,2-Dichloropropane	A	ug/L	251.38339	10.0553356		10	0	0	0.196	0.5	500	101%	70	130	0%	
2-Chlorotoluene	A	ug/L	268.9152	10.756608		10	0	0	0.0876	0.5	500	108%	70	130	0%	
4-Chlorotoluene	A	ug/L	265.16467	10.6065868		10	0	0	0.0912	0.5	500	106%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909315	ICAL120421_6	VOC-8260-W-Q	CAL6	\5975C\VG12042	12/4/2021 4:14:5	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	254.36676	10.1746704		10	0	0	0.119	0.5	500	102%	70	130	0%	
Bromobenzene	A	ug/L	251.35733	10.0542932		10	0	0	0.115	0.5	500	101%	70	130	0%	
Bromochloromethane	A	ug/L	247.30107	9.8920428		10	0	0	0.176	0.5	500	99%	70	130	0%	
Bromodichloromethane	A	ug/L	256.87022	10.2748088		10	0	0	0.155	0.5	500	103%	70	130	0%	
Bromoform	A	ug/L	253.87532	10.1550128		10	0	0	0.119	0.5	500	102%	70	130	0%	
Bromomethane	A	ug/L	252.68798	10.1075192		10	0	0	0.253	0.5	500	101%	70	130	0%	
Carbon tetrachloride	A	ug/L	257.36657	10.2946628		10	0	0	0.165	0.5	500	103%	70	130	0%	
Chlorobenzene	A	ug/L	255.13856	10.2055424		10	0	0	0.12	0.5	500	102%	70	130	0%	
Chlorodibromomethane	A	ug/L	260.7982	10.431928		10	0	0	0.0841	0.5	500	104%	70	130	0%	
Chloroethane	A	ug/L	247.08441	9.8833764		10	0	0	0.169	0.5	500	99%	70	130	0%	
Chloroform	A	ug/L	250.46525	10.01861		10	0	0	0.0789	0.5	500	100%	70	130	0%	
Chloromethane	A	ug/L	251.36835	10.054734		10	0	0	0.191	0.5	500	101%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	255.59451	10.2237804		10	0	0	0.167	0.5	500	102%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	256.49245	10.259698		10	0	0	0.0943	0.5	500	103%	70	130	0%	
Dibromomethane	A	ug/L	250.11209	10.0044836		10	0	0	0.162	0.5	500	100%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	255.17349	10.2069396		10	0	0	0.175	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	266.41697	10.6566788		10	0	0	0.0912	0.5	500	107%	70	130	0%	
m+p-Xylenes	A	ug/L	541.9692	21.678768		20	0	0	0.165	0.5	1000	108%	70	130	0%	
Methyl ethyl ketone	A	ug/L	2667.0023	106.680092		100	0	0	2.22	10	5000	107%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	252.93984	10.1175936		10	0	0	0.119	0.5	500	101%	70	130	0%	
Methylene chloride	A	ug/L	236.68733	9.4674932		10	0	0	0.134	0.5	500	95%	70	130	0%	
o-Xylene	A	ug/L	267.28526	10.6914104		10	0	0	0.0604	0.5	500	107%	70	130	0%	
Styrene	A	ug/L	273.30568	10.9322272		10	0	0	0.067	0.5	500	109%	70	130	0%	
Tetrachloroethene	A	ug/L	262.12795	10.485118		10	0	0	0.0671	0.5	500	105%	70	130	0%	
Toluene	A	ug/L	264.51245	10.580498		10	0	0	0.075	0.5	500	106%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	249.16948	9.9667792		10	0	0	0.151	0.5	500	100%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	263.9164	10.556656		10	0	0	0.0846	0.5	500	106%	70	130	0%	
Trichloroethene	A	ug/L	251.65636	10.0662544		10	0	0	0.0993	0.5	500	101%	70	130	0%	
Trichlorofluoromethane	A	ug/L	257.20056	10.2880224		10	0	0	0.134	0.5	500	103%	70	130	0%	
Vinyl chloride	A	ug/L	254.694	10.18776		10	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	809.25446	32.3701784		30	0	0	0.0604	0.5	1500	108%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	246.08893	9.8435572		10	0	0	0.0848	0.5	500	98%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909315	ICAL120421_6	VOC-8260-W-Q	CAL6	\5975C\VG12042	12/4/2021 4:14:5	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	254.60391	10.1841564		10	0	0	0.129	0.5	500	102%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	259.10874	10.3643496		10	0	0	0.149	0.5	500	104%	70	130	0%	
Toluene-d8	S	ug/L	271.07731	10.8430924		10	0	0	0.0617	0.5	500	108%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909316	ICAL120421_7	VOC-8260-W-Q	CAL7	\5975C\VG12042	12/4/2021 5:09:4	1	R371378		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	383.12193	15.3248772		15	0	0	0.107	0.5	500	102%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	389.35625	15.57425		15	0	0	0.131	0.5	500	104%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	366.66385	14.666554		15	0	0	0.0872	0.5	500	98%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	382.44215	15.297686		15	0	0	0.108	0.5	500	102%	70	130	0%	
1,1-Dichloroethane	A	ug/L	383.98847	15.3595388		15	0	0	0.176	0.5	500	102%	70	130	0%	
1,1-Dichloroethene	A	ug/L	381.74911	15.2699644		15	0	0	0.145	0.5	500	102%	70	130	0%	
1,1-Dichloropropene	A	ug/L	398.25944	15.9303776		15	0	0	0.083	0.5	500	106%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	355.75936	14.2303744		15	0	0	0.385	0.5	500	95%	70	130	0%	
1,2-Dibromoethane	A	ug/L	395.81913	15.8327652		15	0	0	0.143	0.5	500	106%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	385.45177	15.4180708		15	0	0	0.0858	0.5	500	103%	70	130	0%	
1,2-Dichloroethane	A	ug/L	374.99774	14.9999096		15	0	0	0.156	0.5	500	100%	70	130	0%	
1,2-Dichloropropane	A	ug/L	406.08496	16.2433984		15	0	0	0.0893	0.5	500	108%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	383.53548	15.3414192		15	0	0	0.0996	0.5	500	102%	70	130	0%	
1,3-Dichloropropane	A	ug/L	400.71594	16.0286376		15	0	0	0.106	0.5	500	107%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	375.64403	15.0257612		15	0	0	0.0858	0.5	500	100%	70	130	0%	
2,2-Dichloropropane	A	ug/L	378.58762	15.1435048		15	0	0	0.196	0.5	500	101%	70	130	0%	
2-Chlorotoluene	A	ug/L	406.52623	16.2610492		15	0	0	0.0876	0.5	500	108%	70	130	0%	
4-Chlorotoluene	A	ug/L	396.56048	15.8624192		15	0	0	0.0912	0.5	500	106%	70	130	0%	
Benzene	A	ug/L	388.68455	15.547382		15	0	0	0.119	0.5	500	104%	70	130	0%	
Bromobenzene	A	ug/L	378.04394	15.1217576		15	0	0	0.115	0.5	500	101%	70	130	0%	
Bromochloromethane	A	ug/L	385.17822	15.4071288		15	0	0	0.176	0.5	500	103%	70	130	0%	
Bromodichloromethane	A	ug/L	394.01142	15.7604568		15	0	0	0.155	0.5	500	105%	70	130	0%	
Bromoform	A	ug/L	395.68781	15.8275124		15	0	0	0.119	0.5	500	106%	70	130	0%	
Bromomethane	A	ug/L	375.69579	15.0278316		15	0	0	0.253	0.5	500	100%	70	130	0%	
Carbon tetrachloride	A	ug/L	393.96838	15.7587352		15	0	0	0.165	0.5	500	105%	70	130	0%	
Chlorobenzene	A	ug/L	389.6071	15.584284		15	0	0	0.12	0.5	500	104%	70	130	0%	
Chlorodibromomethane	A	ug/L	394.97366	15.7989464		15	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
14909316	ICAL120421_7	VOC-8260-W-Q	CAL7	\5975C\VG12042	12/4/2021 5:09:4	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	371.95992	14.8783968		15	0	0	0.169	0.5	500	99%	70	130	0%	
Chloroform	A	ug/L	376.32607	15.0530428		15	0	0	0.0789	0.5	500	100%	70	130	0%	
Chloromethane	A	ug/L	388.60753	15.5443012		15	0	0	0.191	0.5	500	104%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	386.14529	15.4458116		15	0	0	0.167	0.5	500	103%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	414.14587	16.5658348		15	0	0	0.0943	0.5	500	110%	70	130	0%	
Dibromomethane	A	ug/L	388.32841	15.5331364		15	0	0	0.162	0.5	500	104%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	390.80681	15.6322724		15	0	0	0.175	0.5	500	104%	70	130	0%	
Ethylbenzene	A	ug/L	408.81241	16.3524964		15	0	0	0.0912	0.5	500	109%	70	130	0%	
m+p-Xylenes	A	ug/L	826.00204	33.0400816		30	0	0	0.165	0.5	1000	110%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	398.28359	15.9313436		15	0	0	0.119	0.5	500	106%	70	130	0%	
Methylene chloride	A	ug/L	365.5154	14.620616		15	0	0	0.134	0.5	500	97%	70	130	0%	
o-Xylene	A	ug/L	411.30699	16.4522796		15	0	0	0.0604	0.5	500	110%	70	130	0%	
Styrene	A	ug/L	418.9104	16.756416		15	0	0	0.067	0.5	500	112%	70	130	0%	
Tetrachloroethene	A	ug/L	395.04303	15.8017212		15	0	0	0.0671	0.5	500	105%	70	130	0%	
Toluene	A	ug/L	402.91294	16.1165176		15	0	0	0.075	0.5	500	107%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	381.19911	15.2479644		15	0	0	0.151	0.5	500	102%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	411.6613	16.466452		15	0	0	0.0846	0.5	500	110%	70	130	0%	
Trichloroethene	A	ug/L	390.28365	15.611346		15	0	0	0.0993	0.5	500	104%	70	130	0%	
Trichlorofluoromethane	A	ug/L	388.5876	15.543504		15	0	0	0.134	0.5	500	104%	70	130	0%	
Vinyl chloride	A	ug/L	391.72139	15.6688556		15	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	1237.30903	49.4923612		45	0	0	0.0604	0.5	1500	110%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	377.81695	15.112678		15	0	0	0.0848	0.5	500	101%	70	130	0%	
Dibromofluoromethane	S	ug/L	380.25433	15.2101732		15	0	0	0.129	0.5	500	101%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	385.67613	15.4270452		15	0	0	0.149	0.5	500	103%	70	130	0%	
Toluene-d8	S	ug/L	402.5937	16.103748		15	0	0	0.0617	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
14909317	ICAL120421_8	VOC-8260-W-Q	CAL8	\5975C\VG12042	12/4/2021 6:04:3	1	R371378		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
14909317	ICAL120421_8	VOC-8260-W-Q	CAL8	\5975C\VG12042	12/4/2021 6:04:3	1	R371378		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	498.86987	19.9547948		20	0	0	0.107	0.5	500	100%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	521.70351	20.8681404		20	0	0	0.131	0.5	500	104%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	477.25995	19.090398		20	0	0	0.0872	0.5	500	95%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	500.60609	20.0242436		20	0	0	0.108	0.5	500	100%	70	130	0%	
1,1-Dichloroethane	A	ug/L	506.3496	20.253984		20	0	0	0.176	0.5	500	101%	70	130	0%	
1,1-Dichloroethene	A	ug/L	506.63592	20.2654368		20	0	0	0.145	0.5	500	101%	70	130	0%	
1,1-Dichloropropene	A	ug/L	544.00807	21.7603228		20	0	0	0.083	0.5	500	109%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	473.1905	18.92762		20	0	0	0.385	0.5	500	95%	70	130	0%	
1,2-Dibromoethane	A	ug/L	511.239	20.44956		20	0	0	0.143	0.5	500	102%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	508.72787	20.3491148		20	0	0	0.0858	0.5	500	102%	70	130	0%	
1,2-Dichloroethane	A	ug/L	514.09274	20.5637096		20	0	0	0.156	0.5	500	103%	70	130	0%	
1,2-Dichloropropane	A	ug/L	518.07725	20.72309		20	0	0	0.0893	0.5	500	104%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	508.29493	20.3317972		20	0	0	0.0996	0.5	500	102%	70	130	0%	
1,3-Dichloropropane	A	ug/L	508.76612	20.3506448		20	0	0	0.106	0.5	500	102%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	490.04413	19.6017652		20	0	0	0.0858	0.5	500	98%	70	130	0%	
2,2-Dichloropropane	A	ug/L	506.87618	20.2750472		20	0	0	0.196	0.5	500	101%	70	130	0%	
2-Chlorotoluene	A	ug/L	531.90497	21.2761988		20	0	0	0.0876	0.5	500	106%	70	130	0%	
4-Chlorotoluene	A	ug/L	522.35231	20.8940924		20	0	0	0.0912	0.5	500	104%	70	130	0%	
Benzene	A	ug/L	521.06107	20.8424428		20	0	0	0.119	0.5	500	104%	70	130	0%	
Bromobenzene	A	ug/L	501.78842	20.0715368		20	0	0	0.115	0.5	500	100%	70	130	0%	
Bromochloromethane	A	ug/L	503.48808	20.1395232		20	0	0	0.176	0.5	500	101%	70	130	0%	
Bromodichloromethane	A	ug/L	513.32182	20.5328728		20	0	0	0.155	0.5	500	103%	70	130	0%	
Bromoform	A	ug/L	522.80416	20.9121664		20	0	0	0.119	0.5	500	105%	70	130	0%	
Bromomethane	A	ug/L	498.43747	19.9374988		20	0	0	0.253	0.5	500	100%	70	130	0%	
Carbon tetrachloride	A	ug/L	523.15694	20.9262776		20	0	0	0.165	0.5	500	105%	70	130	0%	
Chlorobenzene	A	ug/L	502.77544	20.1110176		20	0	0	0.12	0.5	500	101%	70	130	0%	
Chlorodibromomethane	A	ug/L	517.29557	20.6918228		20	0	0	0.0841	0.5	500	103%	70	130	0%	
Chloroethane	A	ug/L	502.0178	20.080712		20	0	0	0.169	0.5	500	100%	70	130	0%	
Chloroform	A	ug/L	492.96987	19.7187948		20	0	0	0.0789	0.5	500	99%	70	130	0%	
Chloromethane	A	ug/L	511.11495	20.444598		20	0	0	0.191	0.5	500	102%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	505.84091	20.2336364		20	0	0	0.167	0.5	500	101%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	539.84189	21.5936756		20	0	0	0.0943	0.5	500	108%	70	130	0%	
Dibromomethane	A	ug/L	503.24078	20.1296312		20	0	0	0.162	0.5	500	101%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	513.24747	20.5298988		20	0	0	0.175	0.5	500	103%	70	130	0%	
Ethylbenzene	A	ug/L	531.33727	21.2534908		20	0	0	0.0912	0.5	500	106%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909317	ICAL120421_8	VOC-8260-W-Q	CAL8	\5975C\VG12042	12/4/2021 6:04:3	1	R371378		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	1076.56938	43.0627752		40	0	0	0.165	0.5	1000	108%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	544.78685	21.791474		20	0	0	0.119	0.5	500	109%	70	130	0%	
Methylene chloride	A	ug/L	486.03328	19.4413312		20	0	0	0.134	0.5	500	97%	70	130	0%	
o-Xylene	A	ug/L	540.81551	21.6326204		20	0	0	0.0604	0.5	500	108%	70	130	0%	
Styrene	A	ug/L	545.29643	21.8118572		20	0	0	0.067	0.5	500	109%	70	130	0%	
Tetrachloroethene	A	ug/L	513.82621	20.5530484		20	0	0	0.0671	0.5	500	103%	70	130	0%	
Toluene	A	ug/L	522.08837	20.8835348		20	0	0	0.075	0.5	500	104%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	514.09787	20.5639148		20	0	0	0.151	0.5	500	103%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	530.09615	21.203846		20	0	0	0.0846	0.5	500	106%	70	130	0%	
Trichloroethene	A	ug/L	503.53219	20.1412876		20	0	0	0.0993	0.5	500	101%	70	130	0%	
Trichlorofluoromethane	A	ug/L	515.0535	20.60214		20	0	0	0.134	0.5	500	103%	70	130	0%	
Vinyl chloride	A	ug/L	522.60917	20.9043668		20	0	0	0.153	0.5	500	105%	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	1617.38489	64.6953956		60	0	0	0.0604	0.5	1500	108%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	501.66087	20.0664348		20	0	0	0.0848	0.5	500	100%	70	130	0%	
Dibromofluoromethane	S	ug/L	512.9326	20.517304		20	0	0	0.129	0.5	500	103%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	509.52908	20.3811632		20	0	0	0.149	0.5	500	102%	70	130	0%	
Toluene-d8	S	ug/L	523.3619	20.934476		20	0	0	0.0617	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
14909318	ICV120421	VOC-8260-W-Q	ICV	\5975C\VG12042	12/4/2021 6:59:2	1	R371378		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	117.82523	4.7130092		5	0	0	0.107	0.5	500	94%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	118.41106	4.7364424		5	0	0	0.131	0.5	500	95%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	119.12187	4.7648748		5	0	0	0.0872	0.5	500	95%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	119.23829	4.7695316		5	0	0	0.108	0.5	500	95%	80	120	0%	
1,1-Dichloroethane	A	ug/L	121.79391	4.8717564		5	0	0	0.176	0.5	500	97%	80	120	0%	
1,1-Dichloroethene	A	ug/L	118.91066	4.7564264		5	0	0	0.145	0.5	500	95%	80	120	0%	
1,1-Dichloropropene	A	ug/L	116.37283	4.6549132		5	0	0	0.083	0.5	500	93%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	121.00667	4.8402668		5	0	0	0.385	0.5	500	97%	80	120	0%	
1,2-Dibromoethane	A	ug/L	119.85491	4.7941964		5	0	0	0.143	0.5	500	96%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	127.96395	5.118558		5	0	0	0.0858	0.5	500	102%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909318	ICV120421	VOC-8260-W-Q	ICV	\5975C\VG12042	12/4/2021 6:59:2	1	R371378		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	118.15904	4.7263616		5	0	0	0.156	0.5	500	95%	80	120	0%	
1,2-Dichloropropane	A	ug/L	119.09294	4.7637176		5	0	0	0.0893	0.5	500	95%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	130.69447	5.2277788		5	0	0	0.0996	0.5	500	105%	80	120	0%	
1,3-Dichloropropane	A	ug/L	117.5616	4.702464		5	0	0	0.106	0.5	500	94%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	123.23138	4.9292552		5	0	0	0.0858	0.5	500	99%	80	120	0%	
2,2-Dichloropropane	A	ug/L	117.81502	4.7126008		5	0	0	0.196	0.5	500	94%	80	120	0%	
2-Chlorotoluene	A	ug/L	130.74961	5.2299844		5	0	0	0.0876	0.5	500	105%	80	120	0%	
4-Chlorotoluene	A	ug/L	129.22135	5.168854		5	0	0	0.0912	0.5	500	103%	80	120	0%	
Benzene	A	ug/L	121.53452	4.8613808		5	0	0	0.119	0.5	500	97%	80	120	0%	
Bromobenzene	A	ug/L	123.04087	4.9216348		5	0	0	0.115	0.5	500	98%	80	120	0%	
Bromochloromethane	A	ug/L	119.14288	4.7657152		5	0	0	0.176	0.5	500	95%	80	120	0%	
Bromodichloromethane	A	ug/L	121.72782	4.8691128		5	0	0	0.155	0.5	500	97%	80	120	0%	
Bromoform	A	ug/L	123.85728	4.9542912		5	0	0	0.119	0.5	500	99%	80	120	0%	
Bromomethane	A	ug/L	144.1626	5.766504		5	0	0	0.253	0.5	500	115%	80	120	0%	
Carbon tetrachloride	A	ug/L	117.70227	4.7080908		5	0	0	0.165	0.5	500	94%	80	120	0%	
Chlorobenzene	A	ug/L	124.07754	4.9631016		5	0	0	0.12	0.5	500	99%	80	120	0%	
Chlorodibromomethane	A	ug/L	121.3197	4.852788		5	0	0	0.0841	0.5	500	97%	80	120	0%	
Chloroethane	A	ug/L	121.06978	4.8427912		5	0	0	0.169	0.5	500	97%	80	120	0%	
Chloroform	A	ug/L	114.01925	4.56077		5	0	0	0.0789	0.5	500	91%	80	120	0%	
Chloromethane	A	ug/L	114.04158	4.5616632		5	0	0	0.191	0.5	500	91%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	122.5165	4.90066		5	0	0	0.167	0.5	500	98%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	119.45647	4.7782588		5	0	0	0.0943	0.5	500	96%	80	120	0%	
Dibromomethane	A	ug/L	118.435	4.7374		5	0	0	0.162	0.5	500	95%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	155.75192	6.2300768		5	0	0	0.175	0.5	500	125%	80	120	0%	S
Ethylbenzene	A	ug/L	126.24193	5.0496772		5	0	0	0.0912	0.5	500	101%	80	120	0%	
m+p-Xylenes	A	ug/L	250.74072	10.0296288		10	0	0	0.165	0.5	1000	100%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1278.46191	51.1384764		50	0	0	2.22	10	5000	102%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	128.332	5.13328		5	0	0	0.119	0.5	500	103%	80	120	0%	
Methylene chloride	A	ug/L	114.68633	4.5874532		5	0	0	0.134	0.5	500	92%	80	120	0%	
o-Xylene	A	ug/L	127.94892	5.1179568		5	0	0	0.0604	0.5	500	102%	80	120	0%	
Styrene	A	ug/L	131.37289	5.2549156		5	0	0	0.067	0.5	500	105%	80	120	0%	
Tetrachloroethene	A	ug/L	126.8246	5.072984		5	0	0	0.0671	0.5	500	101%	80	120	0%	
Toluene	A	ug/L	126.0292	5.041168		5	0	0	0.075	0.5	500	101%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	121.32924	4.8531696		5	0	0	0.151	0.5	500	97%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	124.26889	4.9707556		5	0	0	0.0846	0.5	500	99%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909318	ICV120421	VOC-8260-W-Q	ICV	\5975C\VG12042	12/4/2021 6:59:2	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Trichloroethene	A	ug/L	119.78092	4.7912368		5	0	0	0.0993	0.5	500	96%	80	120	0%	
Trichlorofluoromethane	A	ug/L	124.66234	4.9864936		5	0	0	0.134	0.5	500	100%	80	120	0%	
Vinyl chloride	A	ug/L	128.43324	5.1373296		5	0	0	0.153	0.5	500	103%	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	378.68964	15.1475856		15	0	0	0.0604	0.5	1500	101%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	251.00367	10.0401468		10	0	0	0.0848	0.5	500	100%	80	120	0%	
Dibromofluoromethane	S	ug/L	255.44466	10.2177864		10	0	0	0.129	0.5	500	102%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	263.62502	10.5450008		10	0	0	0.149	0.5	500	105%	80	120	0%	
Toluene-d8	S	ug/L	268.15774	10.7263096		10	0	0	0.0617	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
15010029	LCS120521_	VOC-8260-W-Q	ICV	\5975C\VG12052	12/5/2021 12:30:	1	R371378		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dichlorodifluoromethane	A	ug/L	124.77428	4.9909712		5	0	0	0.175	0.5	500	100%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	252.17043	10.0868172		10	0	0	0.229	0.5	500	101%	80	120	0%	
Dibromofluoromethane	S	ug/L	260.96158	10.4384632		10	0	0	0.129	0.5	500	104%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	261.56035	10.462414		10	0	0	0.149	0.5	500	105%	80	120	0%	
Toluene-d8	S	ug/L	267.93663	10.7174652		10	0	0	0.23	0.5	500	107%	80	120	0%	

DATAFILE HEADERS FROM C:\MSDCHEM\1\DATA\VG120421

```
Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC01.D
Sample Name    : PRIMER
Operator       : MSC
Date injected  :  4 Dec 2021  10:51 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\VG120421\04DEC02.D
Sample Name    : BFB120421
Operator       : MSC
Date injected  :  4 Dec 2021  11:49 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\VG120421\04DEC03.D
Sample Name    : MBLK120421
Operator       : MSC
Date injected  :  4 Dec 2021  12:26 pm
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\VG120421\04DEC04.D
Sample Name    : ICAL120421_1
Operator       : MSC
Date injected  :  4 Dec 2021   1:03 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 4
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC05.D
Sample Name    : ICAL120421_2
Operator       : MSC
Date injected  :  4 Dec 2021   1:30 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 5
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC06.D
```

```
Sample Name    : ICAL120421_3
Operator       : MSC
Date injected  :  4 Dec 2021   1:57 pm
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\VG120421\04DEC07.D
Sample Name    : ICAL120421_4
Operator       : MSC
Date injected  :  4 Dec 2021   2:25 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 7
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC08.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Dec 2021   2:52 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\VG120421\04DEC09.D
Sample Name    : ICAL120421_5
Operator       : MSC
Date injected  :  4 Dec 2021   3:20 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\VG120421\04DEC10.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Dec 2021   3:47 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 10
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC11.D
Sample Name    : ICAL120421_6
Operator       : MSC
Date injected  :  4 Dec 2021   4:14 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\VG120421\04DEC12.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Dec 2021   4:42 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\VG120421\04DEC13.D
Sample Name    : ICAL120421_7
Operator       : MSC
Date injected  :  4 Dec 2021   5:09 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 13
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC14.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Dec 2021   5:37 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.839
End Time       : 16.498
Vial Number    : 14
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC15.D
Sample Name    : ICAL120421_8
Operator       : MSC
Date injected  :  4 Dec 2021   6:04 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\VG120421\04DEC16.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  4 Dec 2021   6:32 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\VG120421\04DEC17.D
Sample Name : ICV120421
Operator : MSC
Date injected : 4 Dec 2021 6:59 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\VG120421\04DEC18.D
Sample Name : BLK
Operator : MSC
Date injected : 4 Dec 2021 7:26 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 18

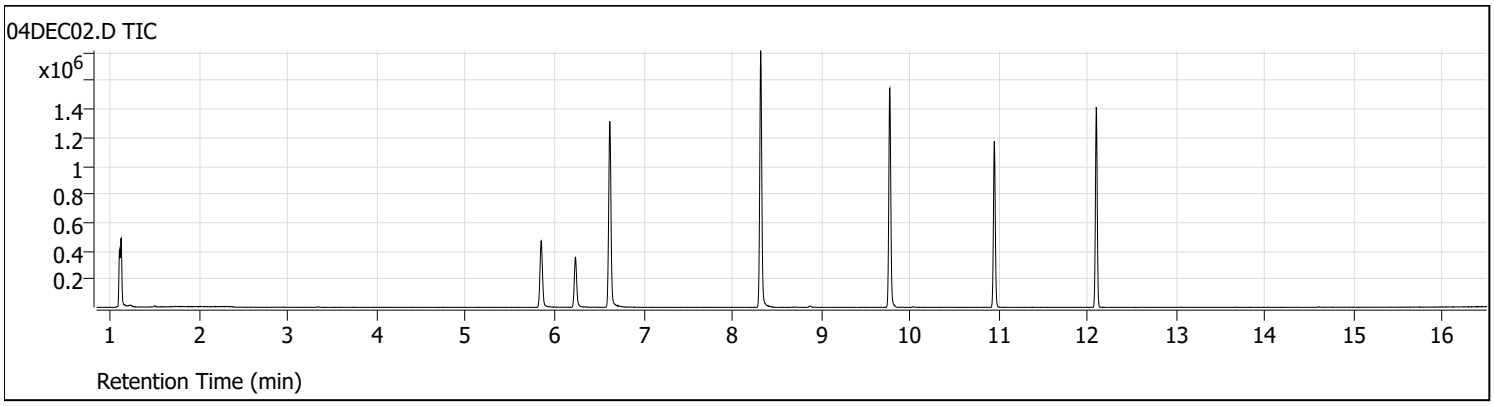
Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC19.D
Sample Name : MDL120421
Operator : MSC
Date injected : 4 Dec 2021 7:54 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 19

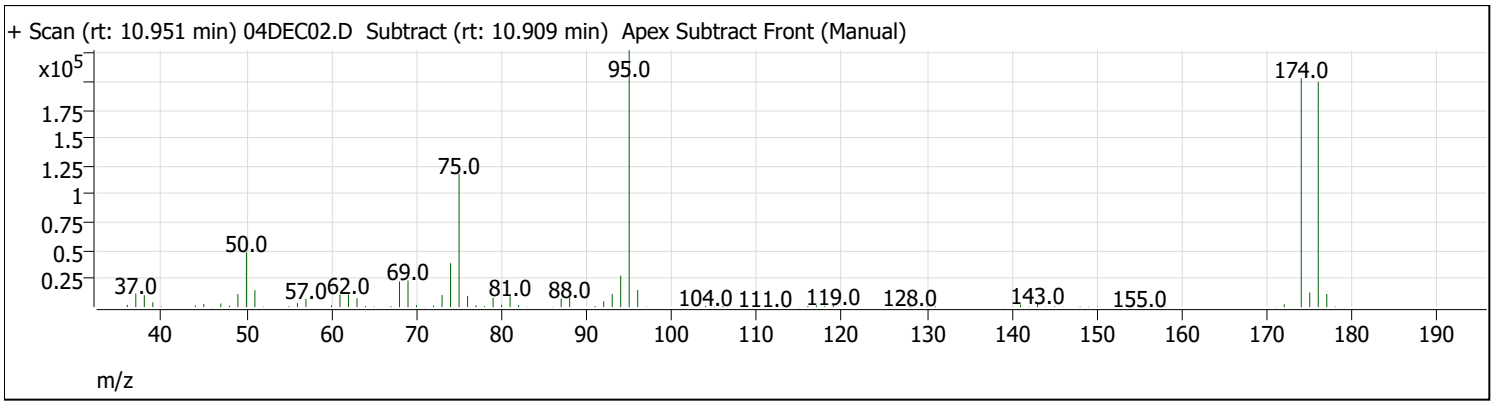
Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC20.D
Sample Name : LOD120421_2xCAL1
Operator : MSC
Date injected : 4 Dec 2021 8:21 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 20

Data file Name : C:\MSDCHEM\1\DATA\VG120421\04DEC21.D
Sample Name : MBLK_NoSurr
Operator : MSC
Date injected : 4 Dec 2021 8:48 pm
Instrument : VOA5975C
Method used : 5975CACQF
No of spectra : 5616
Start Time : 0.840
End Time : 16.498
Vial Number : 21

Tune Evaluation Report

Data Path:	D:\Org\Data\VOA5975C\VG120421_L4\04DEC02.D
Acq on:	12/4/2021 11:49:42 AM
Operator:	MSC
Sample:	BFB120421
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	21.4	48728	Pass
75	95	30	60	52.0	118480	Pass
95	95	100	100	100.0	227904	Pass
96	95	5	9	6.7	15258	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	89.0	202944	Pass
175	174	5	9	6.4	13068	Pass
176	174	95	101	98.5	199808	Pass
177	176	5	9	5.8	11656	Pass

Quantitative Analysis Results Summary Report

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Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	1/29/2022 8:50:02 PM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 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
04DEC03.D	MBLK120421	Method Blank	3	0		5975CACQF.M
04DEC04.D	ICAL120421_1	Cal	4	0	1	5975CACQF.M
04DEC05.D	ICAL120421_2	Cal	5	0	2	5975CACQF.M
04DEC06.D	ICAL120421_3	Cal	6	0	3	5975CACQF.M
04DEC07.D	ICAL120421_4	Cal	7	0	4	5975CACQF.M
04DEC09.D	ICAL120421_5	Cal	9	0	5	5975CACQF.M
04DEC11.D	ICAL120421_6	Cal	11	0	6	5975CACQF.M
04DEC13.D	ICAL120421_7	Cal	13	0	7	5975CACQF.M
04DEC15.D	ICAL120421_8	Cal	15	0	8	5975CACQF.M
04DEC17.D	ICV120421	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
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	1.241	2705	736559	0.0037	2.6612	2.5000	106.4
04DEC05.D	Calibration	Fluorobenzene	1.241	12496	739686	0.0169	12.2418	12.5000	97.9
04DEC06.D	Calibration	Fluorobenzene	1.241	25103	759246	0.0331	23.9588	25.0000	95.8
04DEC07.D	Calibration	Fluorobenzene	1.241	49996	763667	0.0655	47.4409	50.0000	94.9
04DEC09.D	Calibration	Fluorobenzene	1.241	132033	747366	0.1767	128.0180	125.0000	102.4
04DEC11.D	Calibration	Fluorobenzene	1.241	278337	790419	0.3521	255.1735	250.0000	102.1
04DEC13.D	Calibration	Fluorobenzene	1.241	415081	769649	0.5393	390.8068	375.0000	104.2
04DEC15.D	Calibration	Fluorobenzene	1.241	551053	778016	0.7083	513.2475	500.0000	102.6
04DEC17.D	QC	Fluorobenzene	1.241	166345	773924	0.2149	155.7519	125.0000	

Compound: Chloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	1.411	3199	736559	0.0043	2.7371	2.5000	109.5
04DEC05.D	Calibration	Fluorobenzene	1.406	14791	739686	0.0200	12.6020	12.5000	100.8
04DEC06.D	Calibration	Fluorobenzene	1.403	29627	759246	0.0390	24.5921	25.0000	98.4
04DEC07.D	Calibration	Fluorobenzene	1.406	57792	763667	0.0757	47.6930	50.0000	95.4
04DEC09.D	Calibration	Fluorobenzene	1.406	146798	747366	0.1964	123.7877	125.0000	99.0
04DEC11.D	Calibration	Fluorobenzene	1.406	315266	790419	0.3989	251.3683	250.0000	100.5
04DEC13.D	Calibration	Fluorobenzene	1.408	474584	769649	0.6166	388.6075	375.0000	103.6
04DEC15.D	Calibration	Fluorobenzene	1.406	630981	778016	0.8110	511.1149	500.0000	102.2

Compound: Chloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC17.D	QC	Fluorobenzene	1.411	140046	773924	0.1810	114.0416	125.0000	

Compound: Vinyl chloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	1.498	2899	736559	0.0039	2.5997	2.5000	104.0
04DEC05.D	Calibration	Fluorobenzene	1.498	13777	739686	0.0186	12.3023	12.5000	98.4
04DEC06.D	Calibration	Fluorobenzene	1.498	27344	759246	0.0360	23.7881	25.0000	95.2
04DEC07.D	Calibration	Fluorobenzene	1.498	54619	763667	0.0715	47.2410	50.0000	94.5
04DEC09.D	Calibration	Fluorobenzene	1.495	142977	747366	0.1913	126.3608	125.0000	101.1
04DEC11.D	Calibration	Fluorobenzene	1.498	304787	790419	0.3856	254.6940	250.0000	101.9
04DEC13.D	Calibration	Fluorobenzene	1.498	456447	769649	0.5931	391.7214	375.0000	104.5
04DEC15.D	Calibration	Fluorobenzene	1.498	615582	778016	0.7912	522.6092	500.0000	104.5
04DEC17.D	QC	Fluorobenzene	1.498	150486	773924	0.1944	128.4332	125.0000	

Compound: Bromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	1.816	1106	736559	0.0015	5.5986	2.5000	223.9
04DEC05.D	Calibration	Fluorobenzene	1.799	4635	739686	0.0063	13.6996	12.5000	109.6
04DEC06.D	Calibration	Fluorobenzene	1.802	9046	759246	0.0119	23.2295	25.0000	92.9
04DEC07.D	Calibration	Fluorobenzene	1.796	20478	763667	0.0268	48.0071	50.0000	96.0
04DEC09.D	Calibration	Fluorobenzene	1.796	56442	747366	0.0755	125.6445	125.0000	100.5
04DEC11.D	Calibration	Fluorobenzene	1.796	127901	790419	0.1618	252.6880	250.0000	101.1
04DEC13.D	Calibration	Fluorobenzene	1.793	194847	769649	0.2532	375.6958	375.0000	100.2
04DEC15.D	Calibration	Fluorobenzene	1.796	273832	778016	0.3520	498.4375	500.0000	99.7
04DEC17.D	QC	Fluorobenzene	1.799	67788	773924	0.0876	144.1626	125.0000	

Compound: Chloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	1.894	2069	736559	0.0028	3.3336	2.5000	133.3
04DEC05.D	Calibration	Fluorobenzene	1.894	8341	739686	0.0113	13.3843	12.5000	107.1
04DEC06.D	Calibration	Fluorobenzene	1.894	15928	759246	0.0210	24.9003	25.0000	99.6
04DEC07.D	Calibration	Fluorobenzene	1.896	30856	763667	0.0404	47.9581	50.0000	95.9
04DEC09.D	Calibration	Fluorobenzene	1.897	77906	747366	0.1042	123.7267	125.0000	99.0
04DEC11.D	Calibration	Fluorobenzene	1.897	164542	790419	0.2082	247.0844	250.0000	98.8
04DEC13.D	Calibration	Fluorobenzene	1.896	241192	769649	0.3134	371.9599	375.0000	99.2
04DEC15.D	Calibration	Fluorobenzene	1.897	329065	778016	0.4230	502.0178	500.0000	100.4
04DEC17.D	QC	Fluorobenzene	1.897	78942	773924	0.1020	121.0698	125.0000	

Compound: Trichlorofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	2.148	3644	736559	0.0049	2.4999	2.5000	100.0
04DEC05.D	Calibration	Fluorobenzene	2.147	17880	739686	0.0242	12.2142	12.5000	97.7
04DEC06.D	Calibration	Fluorobenzene	2.147	35946	759246	0.0473	23.9229	25.0000	95.7
04DEC07.D	Calibration	Fluorobenzene	2.145	71115	763667	0.0931	47.0547	50.0000	94.1
04DEC09.D	Calibration	Fluorobenzene	2.142	190376	747366	0.2547	128.7137	125.0000	103.0
04DEC11.D	Calibration	Fluorobenzene	2.145	402331	790419	0.5090	257.2006	250.0000	102.9
04DEC13.D	Calibration	Fluorobenzene	2.145	591883	769649	0.7690	388.5876	375.0000	103.6
04DEC15.D	Calibration	Fluorobenzene	2.145	793040	778016	1.0193	515.0535	500.0000	103.0
04DEC17.D	QC	Fluorobenzene	2.145	190936	773924	0.2467	124.6623	125.0000	

Compound: 1,1-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	2.708	2105	736559	0.0029	2.7035	2.5000	108.1
04DEC05.D	Calibration	Fluorobenzene	2.702	10204	739686	0.0138	13.0497	12.5000	104.4
04DEC06.D	Calibration	Fluorobenzene	2.702	18714	759246	0.0246	23.3164	25.0000	93.3
04DEC07.D	Calibration	Fluorobenzene	2.702	38963	763667	0.0510	48.2643	50.0000	96.5
04DEC09.D	Calibration	Fluorobenzene	2.703	102251	747366	0.1368	129.4231	125.0000	103.5
04DEC11.D	Calibration	Fluorobenzene	2.700	207100	790419	0.2620	247.8566	250.0000	99.1
04DEC13.D	Calibration	Fluorobenzene	2.699	310594	769649	0.4036	381.7491	375.0000	101.8
04DEC15.D	Calibration	Fluorobenzene	2.702	416684	778016	0.5356	506.6359	500.0000	101.3
04DEC17.D	QC	Fluorobenzene	2.703	97284	773924	0.1257	118.9107	125.0000	

Compound: Methylene chloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene	3.338	1171	759606	0.0015	1.0527		
04DEC04.D	Calibration	Fluorobenzene	3.335	3991	736559	0.0054	3.6991	2.5000	148.0
04DEC05.D	Calibration	Fluorobenzene	3.333	14480	739686	0.0196	13.3642	12.5000	106.9
04DEC06.D	Calibration	Fluorobenzene	3.330	28841	759246	0.0380	25.9329	25.0000	103.7
04DEC07.D	Calibration	Fluorobenzene	3.333	55751	763667	0.0730	49.8393	50.0000	99.7
04DEC09.D	Calibration	Fluorobenzene	3.333	137285	747366	0.1837	125.4044	125.0000	100.3
04DEC11.D	Calibration	Fluorobenzene	3.333	274037	790419	0.3467	236.6873	250.0000	94.7
04DEC13.D	Calibration	Fluorobenzene	3.330	412074	769649	0.5354	365.5154	375.0000	97.5
04DEC15.D	Calibration	Fluorobenzene	3.333	553900	778016	0.7119	486.0333	500.0000	97.2
04DEC17.D	QC	Fluorobenzene	3.330	130013	773924	0.1680	114.6863	125.0000	

Compound: trans-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	3.718	2070	736559	0.0028	2.6621	2.5000	106.5
04DEC05.D	Calibration	Fluorobenzene	3.717	9810	739686	0.0133	12.5635	12.5000	100.5

Compound: trans-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC06.D	Calibration	Fluorobenzene	3.720	19360	759246	0.0255	24.1553	25.0000	96.6
04DEC07.D	Calibration	Fluorobenzene	3.717	38221	763667	0.0500	47.4119	50.0000	94.8
04DEC09.D	Calibration	Fluorobenzene	3.715	102470	747366	0.1371	129.8831	125.0000	103.9
04DEC11.D	Calibration	Fluorobenzene	3.720	207904	790419	0.2630	249.1695	250.0000	99.7
04DEC13.D	Calibration	Fluorobenzene	3.717	309710	769649	0.4024	381.1991	375.0000	101.7
04DEC15.D	Calibration	Fluorobenzene	3.720	422226	778016	0.5427	514.0979	500.0000	102.8
04DEC17.D	QC	Fluorobenzene	3.718	99123	773924	0.1281	121.3292	125.0000	

Compound: Methyl tert-butyl ether (MTBE)

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	3.754	2403	736559	0.0033	2.4469	2.5000	97.9
04DEC05.D	Calibration	Fluorobenzene	3.759	11676	739686	0.0158	11.8390	12.5000	94.7
04DEC06.D	Calibration	Fluorobenzene	3.754	24360	759246	0.0321	24.0638	25.0000	96.3
04DEC07.D	Calibration	Fluorobenzene	3.756	49125	763667	0.0643	48.2468	50.0000	96.5
04DEC09.D	Calibration	Fluorobenzene	3.754	119821	747366	0.1603	120.2457	125.0000	96.2
04DEC11.D	Calibration	Fluorobenzene	3.754	266566	790419	0.3372	252.9398	250.0000	101.2
04DEC13.D	Calibration	Fluorobenzene	3.751	408710	769649	0.5310	398.2836	375.0000	106.2
04DEC15.D	Calibration	Fluorobenzene	3.751	565126	778016	0.7264	544.7869	500.0000	109.0
04DEC17.D	QC	Fluorobenzene	3.757	132423	773924	0.1711	128.3320	125.0000	

Compound: 1,1-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	4.376	3633	736559	0.0049	2.4590	2.5000	98.4
04DEC05.D	Calibration	Fluorobenzene	4.376	18807	739686	0.0254	12.6747	12.5000	101.4
04DEC06.D	Calibration	Fluorobenzene	4.381	36358	759246	0.0479	23.8718	25.0000	95.5
04DEC07.D	Calibration	Fluorobenzene	4.381	74101	763667	0.0970	48.3712	50.0000	96.7
04DEC09.D	Calibration	Fluorobenzene	4.381	191840	747366	0.2567	127.9595	125.0000	102.4
04DEC11.D	Calibration	Fluorobenzene	4.376	397738	790419	0.5032	250.8456	250.0000	100.3
04DEC13.D	Calibration	Fluorobenzene	4.378	592849	769649	0.7703	383.9885	375.0000	102.4
04DEC15.D	Calibration	Fluorobenzene	4.378	790264	778016	1.0157	506.3496	500.0000	101.3
04DEC17.D	QC	Fluorobenzene	4.378	189085	773924	0.2443	121.7939	125.0000	

Compound: 2,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	5.187	2963	736559	0.0040	2.7034	2.5000	108.1
04DEC05.D	Calibration	Fluorobenzene	5.190	13776	739686	0.0186	12.5176	12.5000	100.1
04DEC06.D	Calibration	Fluorobenzene	5.198	27683	759246	0.0365	24.5061	25.0000	98.0
04DEC07.D	Calibration	Fluorobenzene	5.193	53682	763667	0.0703	47.2464	50.0000	94.5
04DEC09.D	Calibration	Fluorobenzene	5.190	145190	747366	0.1943	130.5712	125.0000	104.5

Compound: 2,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC11.D	Calibration	Fluorobenzene	5.193	295631	790419	0.3740	251.3834	250.0000	100.6
04DEC13.D	Calibration	Fluorobenzene	5.193	433526	769649	0.5633	378.5876	375.0000	101.0
04DEC15.D	Calibration	Fluorobenzene	5.195	586741	778016	0.7542	506.8762	500.0000	101.4
04DEC17.D	QC	Fluorobenzene	5.190	135661	773924	0.1753	117.8150	125.0000	

Compound: cis-1,2-Dichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	5.209	2166	736559	0.0029	2.7172	2.5000	108.7
04DEC05.D	Calibration	Fluorobenzene	5.215	10016	739686	0.0135	12.5117	12.5000	100.1
04DEC06.D	Calibration	Fluorobenzene	5.215	19366	759246	0.0255	23.5682	25.0000	94.3
04DEC07.D	Calibration	Fluorobenzene	5.215	39392	763667	0.0516	47.6621	50.0000	95.3
04DEC09.D	Calibration	Fluorobenzene	5.215	105080	747366	0.1406	129.9140	125.0000	103.9
04DEC11.D	Calibration	Fluorobenzene	5.212	218645	790419	0.2766	255.5945	250.0000	102.2
04DEC13.D	Calibration	Fluorobenzene	5.218	321643	769649	0.4179	386.1453	375.0000	103.0
04DEC15.D	Calibration	Fluorobenzene	5.212	425925	778016	0.5475	505.8409	500.0000	101.2
04DEC17.D	QC	Fluorobenzene	5.215	102618	773924	0.1326	122.5165	125.0000	

Compound: Methyl ethyl ketone

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	5.301	2758	736559	0.0037	26.9306	25.0000	107.7
04DEC05.D	Calibration	Fluorobenzene	5.293	11914	739686	0.0161	115.8227	125.0000	92.7
04DEC06.D	Calibration	Fluorobenzene	5.290	25741	759246	0.0339	243.7959	250.0000	97.5
04DEC07.D	Calibration	Fluorobenzene	5.285	54510	763667	0.0714	513.2815	500.0000	102.7
04DEC09.D	Calibration	Fluorobenzene	5.288	130548	747366	0.1747	1256.0888	1250.0000	100.5
04DEC11.D	Calibration	Fluorobenzene	5.282	293155	790419	0.3709	2667.0023	2500.0000	106.7
04DEC13.D	Calibration	Fluorobenzene	5.193	0	769649	0.0000	ND	3750.0000	
04DEC15.D	Calibration	Fluorobenzene	5.187	0	778016	0.0000	ND	5000.0000	
04DEC17.D	QC	Fluorobenzene	5.285	137595	773924	0.1778	1278.4619	1250.0000	

Compound: Bromochloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	5.522	707	736559	0.0010	2.3203	2.5000	92.8
04DEC05.D	Calibration	Fluorobenzene	5.519	3640	739686	0.0049	11.9030	12.5000	95.2
04DEC06.D	Calibration	Fluorobenzene	5.513	7771	759246	0.0102	24.7569	25.0000	99.0
04DEC07.D	Calibration	Fluorobenzene	5.519	15824	763667	0.0207	50.1204	50.0000	100.2
04DEC09.D	Calibration	Fluorobenzene	5.516	39849	747366	0.0533	128.9693	125.0000	103.2
04DEC11.D	Calibration	Fluorobenzene	5.519	80813	790419	0.1022	247.3011	250.0000	98.9
04DEC13.D	Calibration	Fluorobenzene	5.519	122561	769649	0.1592	385.1782	375.0000	102.7
04DEC15.D	Calibration	Fluorobenzene	5.519	161948	778016	0.2082	503.4881	500.0000	100.7

Compound: Bromochloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC17.D	QC	Fluorobenzene	5.522	38121	773924	0.0493	119.1429	125.0000	

Compound: Chloroform

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	5.653	3737	736559	0.0051	2.6359	2.5000	105.4
04DEC05.D	Calibration	Fluorobenzene	5.650	17859	739686	0.0241	12.5437	12.5000	100.3
04DEC06.D	Calibration	Fluorobenzene	5.647	34908	759246	0.0460	23.8868	25.0000	95.5
04DEC07.D	Calibration	Fluorobenzene	5.653	71351	763667	0.0934	48.5414	50.0000	97.1
04DEC09.D	Calibration	Fluorobenzene	5.656	184221	747366	0.2465	128.0625	125.0000	102.4
04DEC11.D	Calibration	Fluorobenzene	5.650	381056	790419	0.4821	250.4652	250.0000	100.2
04DEC13.D	Calibration	Fluorobenzene	5.653	557495	769649	0.7243	376.3261	375.0000	100.4
04DEC15.D	Calibration	Fluorobenzene	5.653	738232	778016	0.9489	492.9699	500.0000	98.6
04DEC17.D	QC	Fluorobenzene	5.653	169848	773924	0.2195	114.0192	125.0000	

Compound: 1,1,1-Trichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	5.834	3584	736559	0.0049	2.6217	2.5000	104.9
04DEC05.D	Calibration	Fluorobenzene	5.826	16271	739686	0.0220	11.8517	12.5000	94.8
04DEC06.D	Calibration	Fluorobenzene	5.831	34184	759246	0.0450	24.2580	25.0000	97.0
04DEC07.D	Calibration	Fluorobenzene	5.831	67234	763667	0.0880	47.4350	50.0000	94.9
04DEC09.D	Calibration	Fluorobenzene	5.829	179776	747366	0.2405	129.6023	125.0000	103.7
04DEC11.D	Calibration	Fluorobenzene	5.831	372018	790419	0.4707	253.5835	250.0000	101.4
04DEC13.D	Calibration	Fluorobenzene	5.831	556193	769649	0.7227	389.3563	375.0000	103.8
04DEC15.D	Calibration	Fluorobenzene	5.834	753352	778016	0.9683	521.7035	500.0000	104.3
04DEC17.D	QC	Fluorobenzene	5.831	170089	773924	0.2198	118.4111	125.0000	

Compound: Dibromofluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene	5.848	190903	759606	0.2513	263.8854		
04DEC04.D	Calibration	Fluorobenzene	5.840	2095	736559	0.0028	2.9864	2.5000	119.5
04DEC05.D	Calibration	Fluorobenzene	5.848	8663	739686	0.0117	12.2974	12.5000	98.4
04DEC06.D	Calibration	Fluorobenzene	5.848	18356	759246	0.0242	25.3855	25.0000	101.5
04DEC07.D	Calibration	Fluorobenzene	5.842	35605	763667	0.0466	48.9551	50.0000	97.9
04DEC09.D	Calibration	Fluorobenzene	5.845	85715	747366	0.1147	120.4244	125.0000	96.3
04DEC11.D	Calibration	Fluorobenzene	5.845	191660	790419	0.2425	254.6039	250.0000	101.8
04DEC13.D	Calibration	Fluorobenzene	5.848	278725	769649	0.3621	380.2543	375.0000	101.4
04DEC15.D	Calibration	Fluorobenzene	5.845	380065	778016	0.4885	512.9326	500.0000	102.6
04DEC17.D	QC	Fluorobenzene	5.848	188280	773924	0.2433	255.4447	250.0000	

Compound: Carbon tetrachloride

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	6.027	2900	736559	0.0039	2.1754	2.5000	87.0
04DEC05.D	Calibration	Fluorobenzene	6.026	16162	739686	0.0218	12.0718	12.5000	96.6
04DEC06.D	Calibration	Fluorobenzene	6.032	31934	759246	0.0421	23.2379	25.0000	93.0
04DEC07.D	Calibration	Fluorobenzene	6.026	64037	763667	0.0839	46.3290	50.0000	92.7
04DEC09.D	Calibration	Fluorobenzene	6.029	177848	747366	0.2380	131.4745	125.0000	105.2
04DEC11.D	Calibration	Fluorobenzene	6.026	368200	790419	0.4658	257.3666	250.0000	102.9
04DEC13.D	Calibration	Fluorobenzene	6.026	548818	769649	0.7131	393.9684	375.0000	105.1
04DEC15.D	Calibration	Fluorobenzene	6.026	736707	778016	0.9469	523.1569	500.0000	104.6
04DEC17.D	QC	Fluorobenzene	6.027	164876	773924	0.2130	117.7023	125.0000	

Compound: 1,1-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	6.038	2753	736559	0.0037	2.3127	2.5000	92.5
04DEC05.D	Calibration	Fluorobenzene	6.040	14159	739686	0.0191	11.8441	12.5000	94.8
04DEC06.D	Calibration	Fluorobenzene	6.040	28696	759246	0.0378	23.3860	25.0000	93.5
04DEC07.D	Calibration	Fluorobenzene	6.038	56622	763667	0.0741	45.8773	50.0000	91.8
04DEC09.D	Calibration	Fluorobenzene	6.041	161032	747366	0.2155	133.3201	125.0000	106.7
04DEC11.D	Calibration	Fluorobenzene	6.040	337823	790419	0.4274	264.4531	250.0000	105.8
04DEC13.D	Calibration	Fluorobenzene	6.040	495384	769649	0.6436	398.2594	375.0000	106.2
04DEC15.D	Calibration	Fluorobenzene	6.040	684033	778016	0.8792	544.0081	500.0000	108.8
04DEC17.D	QC	Fluorobenzene	6.038	145557	773924	0.1881	116.3728	125.0000	

Compound: 1,2-Dichloroethane-d4

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene	6.233	85833	759606	0.1130	257.8770		
04DEC04.D	Calibration	Fluorobenzene	6.230	1059	736559	0.0014	3.2809	2.5000	131.2
04DEC05.D	Calibration	Fluorobenzene	6.230	4277	739686	0.0058	13.1959	12.5000	105.6
04DEC06.D	Calibration	Fluorobenzene	6.238	8169	759246	0.0108	24.5546	25.0000	98.2
04DEC07.D	Calibration	Fluorobenzene	6.233	16666	763667	0.0218	49.8051	50.0000	99.6
04DEC09.D	Calibration	Fluorobenzene	6.233	39742	747366	0.0532	121.3565	125.0000	97.1
04DEC11.D	Calibration	Fluorobenzene	6.230	85232	790419	0.1078	246.0889	250.0000	98.4
04DEC13.D	Calibration	Fluorobenzene	6.230	127417	769649	0.1656	377.8170	375.0000	100.8
04DEC15.D	Calibration	Fluorobenzene	6.236	171022	778016	0.2198	501.6609	500.0000	100.3
04DEC17.D	QC	Fluorobenzene	6.236	85120	773924	0.1100	251.0037	250.0000	

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene	6.280	351	759606	0.0005	0.1123		
04DEC04.D	Calibration	Fluorobenzene	6.280	7851	736559	0.0107	2.5915	2.5000	103.7
04DEC05.D	Calibration	Fluorobenzene	6.280	36764	739686	0.0497	12.0838	12.5000	96.7

Compound: Benzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC06.D	Calibration	Fluorobenzene	6.280	75624	759246	0.0996	24.2162	25.0000	96.9
04DEC07.D	Calibration	Fluorobenzene	6.280	145362	763667	0.1903	46.2782	50.0000	92.6
04DEC09.D	Calibration	Fluorobenzene	6.280	400772	747366	0.5362	130.3748	125.0000	104.3
04DEC11.D	Calibration	Fluorobenzene	6.280	826967	790419	1.0462	254.3668	250.0000	101.7
04DEC13.D	Calibration	Fluorobenzene	6.280	1230440	769649	1.5987	388.6845	375.0000	103.6
04DEC15.D	Calibration	Fluorobenzene	6.280	1667430	778016	2.1432	521.0611	500.0000	104.2
04DEC17.D	QC	Fluorobenzene	6.280	386873	773924	0.4999	121.5345	125.0000	

Compound: 1,2-Dichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Fluorobenzene			759606		ND		
04DEC04.D	Calibration	Fluorobenzene	6.317	2195	736559	0.0030	2.7529	2.5000	110.1
04DEC05.D	Calibration	Fluorobenzene	6.322	10131	739686	0.0137	12.6503	12.5000	101.2
04DEC06.D	Calibration	Fluorobenzene	6.322	19478	759246	0.0257	23.6950	25.0000	94.8
04DEC07.D	Calibration	Fluorobenzene	6.322	40208	763667	0.0527	48.6299	50.0000	97.3
04DEC09.D	Calibration	Fluorobenzene	6.325	106662	747366	0.1427	131.8170	125.0000	105.5
04DEC11.D	Calibration	Fluorobenzene	6.319	210707	790419	0.2666	246.2162	250.0000	98.5
04DEC13.D	Calibration	Fluorobenzene	6.325	312483	769649	0.4060	374.9977	375.0000	100.0
04DEC15.D	Calibration	Fluorobenzene	6.325	433047	778016	0.5566	514.0927	500.0000	102.8
04DEC17.D	QC	Fluorobenzene	6.325	99008	773924	0.1279	118.1590	125.0000	

Compound: Trichloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	7.022	2473	287164	0.0086	2.6573	2.5000	106.3
04DEC05.D	Calibration	Chlorobenzene-d5	7.028	11441	286680	0.0399	12.3142	12.5000	98.5
04DEC06.D	Calibration	Chlorobenzene-d5	7.027	22543	292525	0.0771	23.7787	25.0000	95.1
04DEC07.D	Calibration	Chlorobenzene-d5	7.027	43679	294369	0.1484	45.7846	50.0000	91.6
04DEC09.D	Calibration	Chlorobenzene-d5	7.025	119798	286916	0.4175	128.8349	125.0000	103.1
04DEC11.D	Calibration	Chlorobenzene-d5	7.028	240896	295366	0.8156	251.6564	250.0000	100.7
04DEC13.D	Calibration	Chlorobenzene-d5	7.027	362904	286913	1.2649	390.2836	375.0000	104.1
04DEC15.D	Calibration	Chlorobenzene-d5	7.028	484680	297007	1.6319	503.5322	500.0000	100.7
04DEC17.D	QC	Chlorobenzene-d5	7.025	112440	289649	0.3882	119.7809	125.0000	

Compound: 1,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	7.281	1834	287164	0.0064	2.3709	2.5000	94.8
04DEC05.D	Calibration	Chlorobenzene-d5	7.273	9120	286680	0.0318	11.8086	12.5000	94.5
04DEC06.D	Calibration	Chlorobenzene-d5	7.267	18701	292525	0.0639	23.7303	25.0000	94.9
04DEC07.D	Calibration	Chlorobenzene-d5	7.273	38060	294369	0.1293	47.9931	50.0000	96.0
04DEC09.D	Calibration	Chlorobenzene-d5	7.268	99229	286916	0.3458	128.3766	125.0000	102.7

Compound: 1,2-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC11.D	Calibration	Chlorobenzene-d5	7.270	209240	295366	0.7084	262.9580	250.0000	105.2
04DEC13.D	Calibration	Chlorobenzene-d5	7.273	313881	286913	1.0940	406.0850	375.0000	108.3
04DEC15.D	Calibration	Chlorobenzene-d5	7.273	414533	297007	1.3957	518.0773	500.0000	103.6
04DEC17.D	QC	Chlorobenzene-d5	7.273	92930	289649	0.3208	119.0929	125.0000	

Compound: Dibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	7.399	725	287164	0.0025	2.2333	2.5000	89.3
04DEC05.D	Calibration	Chlorobenzene-d5	7.396	4239	286680	0.0148	13.0787	12.5000	104.6
04DEC06.D	Calibration	Chlorobenzene-d5	7.396	7919	292525	0.0271	23.9446	25.0000	95.8
04DEC07.D	Calibration	Chlorobenzene-d5	7.396	15868	294369	0.0539	47.6793	50.0000	95.4
04DEC09.D	Calibration	Chlorobenzene-d5	7.396	40542	286916	0.1413	124.9827	125.0000	100.0
04DEC11.D	Calibration	Chlorobenzene-d5	7.398	83521	295366	0.2828	250.1121	250.0000	100.0
04DEC13.D	Calibration	Chlorobenzene-d5	7.396	125965	286913	0.4390	388.3284	375.0000	103.6
04DEC15.D	Calibration	Chlorobenzene-d5	7.399	168983	297007	0.5690	503.2408	500.0000	100.6
04DEC17.D	QC	Chlorobenzene-d5	7.396	38784	289649	0.1339	118.4350	125.0000	

Compound: Bromodichloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	7.585	2238	287164	0.0078	2.4397	2.5000	97.6
04DEC05.D	Calibration	Chlorobenzene-d5	7.580	11299	286680	0.0394	12.3375	12.5000	98.7
04DEC06.D	Calibration	Chlorobenzene-d5	7.585	22354	292525	0.0764	23.9209	25.0000	95.7
04DEC07.D	Calibration	Chlorobenzene-d5	7.585	44747	294369	0.1520	47.5835	50.0000	95.2
04DEC09.D	Calibration	Chlorobenzene-d5	7.585	114535	286916	0.3992	124.9592	125.0000	100.0
04DEC11.D	Calibration	Chlorobenzene-d5	7.583	242376	295366	0.8206	256.8702	250.0000	102.7
04DEC13.D	Calibration	Chlorobenzene-d5	7.585	361139	286913	1.2587	394.0114	375.0000	105.1
04DEC15.D	Calibration	Chlorobenzene-d5	7.585	487048	297007	1.6399	513.3218	500.0000	102.7
04DEC17.D	QC	Chlorobenzene-d5	7.585	112636	289649	0.3889	121.7278	125.0000	

Compound: cis-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	8.051	2602	287164	0.0091	2.5723	2.5000	102.9
04DEC05.D	Calibration	Chlorobenzene-d5	8.059	11550	286680	0.0403	11.4373	12.5000	91.5
04DEC06.D	Calibration	Chlorobenzene-d5	8.056	23092	292525	0.0789	22.4098	25.0000	89.6
04DEC07.D	Calibration	Chlorobenzene-d5	8.056	48582	294369	0.1650	46.8513	50.0000	93.7
04DEC09.D	Calibration	Chlorobenzene-d5	8.057	127934	286916	0.4459	126.5814	125.0000	101.3
04DEC11.D	Calibration	Chlorobenzene-d5	8.057	266868	295366	0.9035	256.4924	250.0000	102.6
04DEC13.D	Calibration	Chlorobenzene-d5	8.059	418567	286913	1.4589	414.1459	375.0000	110.4
04DEC15.D	Calibration	Chlorobenzene-d5	8.057	564800	297007	1.9016	539.8419	500.0000	108.0

Compound: cis-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC17.D	QC	Chlorobenzene-d5	8.057	121883	289649	0.4208	119.4565	125.0000	

Compound: Toluene-d8

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5	8.319	752115	290429	2.5897	262.1627		
04DEC04.D	Calibration	Chlorobenzene-d5	8.322	8251	287164	0.0287	2.9087	2.5000	116.3
04DEC05.D	Calibration	Chlorobenzene-d5	8.319	32967	286680	0.1150	11.6415	12.5000	93.1
04DEC06.D	Calibration	Chlorobenzene-d5	8.319	67526	292525	0.2308	23.3687	25.0000	93.5
04DEC07.D	Calibration	Chlorobenzene-d5	8.321	136282	294369	0.4630	46.8676	50.0000	93.7
04DEC09.D	Calibration	Chlorobenzene-d5	8.322	351426	286916	1.2248	123.9954	125.0000	99.2
04DEC11.D	Calibration	Chlorobenzene-d5	8.319	790910	295366	2.6777	271.0773	250.0000	108.4
04DEC13.D	Calibration	Chlorobenzene-d5	8.319	1141013	286913	3.9769	402.5937	375.0000	107.4
04DEC15.D	Calibration	Chlorobenzene-d5	8.319	1535473	297007	5.1698	523.3619	500.0000	104.7
04DEC17.D	QC	Chlorobenzene-d5	8.319	767248	289649	2.6489	268.1577	250.0000	

Compound: Toluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5	8.383	264	290429	0.0009	0.1356		
04DEC04.D	Calibration	Chlorobenzene-d5	8.383	4836	287164	0.0168	2.5106	2.5000	100.4
04DEC05.D	Calibration	Chlorobenzene-d5	8.386	22430	286680	0.0782	11.6644	12.5000	93.3
04DEC06.D	Calibration	Chlorobenzene-d5	8.386	43828	292525	0.1498	22.3366	25.0000	89.3
04DEC07.D	Calibration	Chlorobenzene-d5	8.386	92277	294369	0.3135	46.7337	50.0000	93.5
04DEC09.D	Calibration	Chlorobenzene-d5	8.386	254470	286916	0.8869	132.2241	125.0000	105.8
04DEC11.D	Calibration	Chlorobenzene-d5	8.386	524056	295366	1.7743	264.5125	250.0000	105.8
04DEC13.D	Calibration	Chlorobenzene-d5	8.388	775412	286913	2.7026	402.9129	375.0000	107.4
04DEC15.D	Calibration	Chlorobenzene-d5	8.386	1040116	297007	3.5020	522.0884	500.0000	104.4
04DEC17.D	QC	Chlorobenzene-d5	8.386	244858	289649	0.8454	126.0292	125.0000	

Compound: trans-1,3-Dichloropropene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	8.634	1711	287164	0.0060	2.3738	2.5000	95.0
04DEC05.D	Calibration	Chlorobenzene-d5	8.634	8620	286680	0.0301	11.9776	12.5000	95.8
04DEC06.D	Calibration	Chlorobenzene-d5	8.639	16871	292525	0.0577	22.9740	25.0000	91.9
04DEC07.D	Calibration	Chlorobenzene-d5	8.639	34534	294369	0.1173	46.7319	50.0000	93.5
04DEC09.D	Calibration	Chlorobenzene-d5	8.640	92291	286916	0.3217	128.1335	125.0000	102.5
04DEC11.D	Calibration	Chlorobenzene-d5	8.637	195690	295366	0.6625	263.9164	250.0000	105.6
04DEC13.D	Calibration	Chlorobenzene-d5	8.636	296505	286913	1.0334	411.6613	375.0000	109.8
04DEC15.D	Calibration	Chlorobenzene-d5	8.637	395242	297007	1.3307	530.0962	500.0000	106.0
04DEC17.D	QC	Chlorobenzene-d5	8.637	90360	289649	0.3120	124.2689	125.0000	

Compound: 1,1,2-Trichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	8.821	960	287164	0.0033	2.5626	2.5000	102.5
04DEC05.D	Calibration	Chlorobenzene-d5	8.821	5002	286680	0.0174	13.3755	12.5000	107.0
04DEC06.D	Calibration	Chlorobenzene-d5	8.812	9102	292525	0.0311	23.8527	25.0000	95.4
04DEC07.D	Calibration	Chlorobenzene-d5	8.818	18795	294369	0.0638	48.9457	50.0000	97.9
04DEC09.D	Calibration	Chlorobenzene-d5	8.815	46287	286916	0.1613	123.6711	125.0000	98.9
04DEC11.D	Calibration	Chlorobenzene-d5	8.818	95025	295366	0.3217	246.6275	250.0000	98.7
04DEC13.D	Calibration	Chlorobenzene-d5	8.821	143137	286913	0.4989	382.4422	375.0000	102.0
04DEC15.D	Calibration	Chlorobenzene-d5	8.818	193954	297007	0.6530	500.6061	500.0000	100.1
04DEC17.D	QC	Chlorobenzene-d5	8.815	45053	289649	0.1555	119.2383	125.0000	

Compound: Tetrachloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	8.932	1932	287164	0.0067	2.5058	2.5000	100.2
04DEC05.D	Calibration	Chlorobenzene-d5	8.935	8981	286680	0.0313	11.6684	12.5000	93.3
04DEC06.D	Calibration	Chlorobenzene-d5	8.935	19131	292525	0.0654	24.3590	25.0000	97.4
04DEC07.D	Calibration	Chlorobenzene-d5	8.935	36513	294369	0.1240	46.1997	50.0000	92.4
04DEC09.D	Calibration	Chlorobenzene-d5	8.935	99780	286916	0.3478	129.5307	125.0000	103.6
04DEC11.D	Calibration	Chlorobenzene-d5	8.935	207869	295366	0.7038	262.1280	250.0000	104.9
04DEC13.D	Calibration	Chlorobenzene-d5	8.938	304306	286913	1.0606	395.0430	375.0000	105.3
04DEC15.D	Calibration	Chlorobenzene-d5	8.938	409731	297007	1.3795	513.8262	500.0000	102.8
04DEC17.D	QC	Chlorobenzene-d5	8.938	98626	289649	0.3405	126.8246	125.0000	

Compound: 1,3-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	8.982	1951	287164	0.0068	2.5899	2.5000	103.6
04DEC05.D	Calibration	Chlorobenzene-d5	8.980	9332	286680	0.0326	12.4094	12.5000	99.3
04DEC06.D	Calibration	Chlorobenzene-d5	8.980	17660	292525	0.0604	23.0145	25.0000	92.1
04DEC07.D	Calibration	Chlorobenzene-d5	8.980	37433	294369	0.1272	48.4771	50.0000	97.0
04DEC09.D	Calibration	Chlorobenzene-d5	8.980	95269	286916	0.3320	126.5817	125.0000	101.3
04DEC11.D	Calibration	Chlorobenzene-d5	8.982	197255	295366	0.6678	254.5902	250.0000	101.8
04DEC13.D	Calibration	Chlorobenzene-d5	8.982	301587	286913	1.0511	400.7159	375.0000	106.9
04DEC15.D	Calibration	Chlorobenzene-d5	8.980	396379	297007	1.3346	508.7661	500.0000	101.8
04DEC17.D	QC	Chlorobenzene-d5	8.980	89323	289649	0.3084	117.5616	125.0000	

Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	9.203	1395	287164	0.0049	2.4907	2.5000	99.6
04DEC05.D	Calibration	Chlorobenzene-d5	9.208	6385	286680	0.0223	11.4188	12.5000	91.4

Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC06.D	Calibration	Chlorobenzene-d5	9.205	13869	292525	0.0474	24.3076	25.0000	97.2
04DEC07.D	Calibration	Chlorobenzene-d5	9.203	27290	294369	0.0927	47.5303	50.0000	95.1
04DEC09.D	Calibration	Chlorobenzene-d5	9.203	72490	286916	0.2527	129.5337	125.0000	103.6
04DEC11.D	Calibration	Chlorobenzene-d5	9.203	150247	295366	0.5087	260.7982	250.0000	104.3
04DEC13.D	Calibration	Chlorobenzene-d5	9.205	221034	286913	0.7704	394.9737	375.0000	105.3
04DEC15.D	Calibration	Chlorobenzene-d5	9.203	299672	297007	1.0090	517.2956	500.0000	103.5
04DEC17.D	QC	Chlorobenzene-d5	9.203	68540	289649	0.2366	121.3197	125.0000	

Compound: 1,2-Dibromoethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	9.306	901	287164	0.0031	2.2376	2.5000	89.5
04DEC05.D	Calibration	Chlorobenzene-d5	9.300	4912	286680	0.0171	12.2241	12.5000	97.8
04DEC06.D	Calibration	Chlorobenzene-d5	9.309	9348	292525	0.0320	22.7988	25.0000	91.2
04DEC07.D	Calibration	Chlorobenzene-d5	9.306	20209	294369	0.0687	48.9788	50.0000	98.0
04DEC09.D	Calibration	Chlorobenzene-d5	9.306	51661	286916	0.1801	128.4588	125.0000	102.8
04DEC11.D	Calibration	Chlorobenzene-d5	9.306	106076	295366	0.3591	256.2196	250.0000	102.5
04DEC13.D	Calibration	Chlorobenzene-d5	9.303	159181	286913	0.5548	395.8191	375.0000	105.6
04DEC15.D	Calibration	Chlorobenzene-d5	9.306	212831	297007	0.7166	511.2390	500.0000	102.2
04DEC17.D	QC	Chlorobenzene-d5	9.303	48660	289649	0.1680	119.8549	125.0000	

Compound: Chlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	9.802	4830	287164	0.0168	2.3077	2.5000	92.3
04DEC05.D	Calibration	Chlorobenzene-d5	9.802	26333	286680	0.0919	12.6028	12.5000	100.8
04DEC06.D	Calibration	Chlorobenzene-d5	9.799	52001	292525	0.1778	24.3900	25.0000	97.6
04DEC07.D	Calibration	Chlorobenzene-d5	9.802	101210	294369	0.3438	47.1731	50.0000	94.3
04DEC09.D	Calibration	Chlorobenzene-d5	9.802	263399	286916	0.9180	125.9571	125.0000	100.8
04DEC11.D	Calibration	Chlorobenzene-d5	9.802	549254	295366	1.8596	255.1386	250.0000	102.1
04DEC13.D	Calibration	Chlorobenzene-d5	9.802	814730	286913	2.8396	389.6071	375.0000	103.9
04DEC15.D	Calibration	Chlorobenzene-d5	9.802	1088372	297007	3.6645	502.7754	500.0000	100.6
04DEC17.D	QC	Chlorobenzene-d5	9.802	261940	289649	0.9043	124.0775	125.0000	

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	9.892	2174	287164	0.0076	2.9621	2.5000	118.5
04DEC05.D	Calibration	Chlorobenzene-d5	9.894	8710	286680	0.0304	11.8874	12.5000	95.1
04DEC06.D	Calibration	Chlorobenzene-d5	9.891	17770	292525	0.0607	23.7678	25.0000	95.1
04DEC07.D	Calibration	Chlorobenzene-d5	9.889	34336	294369	0.1166	45.6375	50.0000	91.3
04DEC09.D	Calibration	Chlorobenzene-d5	9.894	89568	286916	0.3122	122.1413	125.0000	97.7

Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC11.D	Calibration	Chlorobenzene-d5	9.892	189520	295366	0.6416	251.0493	250.0000	100.4
04DEC13.D	Calibration	Chlorobenzene-d5	9.891	280946	286913	0.9792	383.1219	375.0000	102.2
04DEC15.D	Calibration	Chlorobenzene-d5	9.892	378695	297007	1.2750	498.8699	500.0000	99.8
04DEC17.D	QC	Chlorobenzene-d5	9.892	87226	289649	0.3011	117.8252	125.0000	

Compound: Ethylbenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	9.922	8849	287164	0.0308	2.4084	2.5000	96.3
04DEC05.D	Calibration	Chlorobenzene-d5	9.917	41888	286680	0.1461	11.4198	12.5000	91.4
04DEC06.D	Calibration	Chlorobenzene-d5	9.919	88083	292525	0.3011	23.5340	25.0000	94.1
04DEC07.D	Calibration	Chlorobenzene-d5	9.917	171436	294369	0.5824	45.5173	50.0000	91.0
04DEC09.D	Calibration	Chlorobenzene-d5	9.920	483126	286916	1.6839	131.6048	125.0000	105.3
04DEC11.D	Calibration	Chlorobenzene-d5	9.919	1006830	295366	3.4088	266.4170	250.0000	106.6
04DEC13.D	Calibration	Chlorobenzene-d5	9.919	1500749	286913	5.2307	408.8124	375.0000	109.0
04DEC15.D	Calibration	Chlorobenzene-d5	9.919	2019160	297007	6.7984	531.3373	500.0000	106.3
04DEC17.D	QC	Chlorobenzene-d5	9.920	467853	289649	1.6152	126.2419	125.0000	

Compound: m+p-Xylenes

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5	10.037	856	290429	0.0029	0.5960		
04DEC04.D	Calibration	Chlorobenzene-d5	10.034	6562	287164	0.0229	4.6188	5.0000	92.4
04DEC05.D	Calibration	Chlorobenzene-d5	10.042	31957	286680	0.1115	22.5314	25.0000	90.1
04DEC06.D	Calibration	Chlorobenzene-d5	10.039	65649	292525	0.2244	45.3613	50.0000	90.7
04DEC07.D	Calibration	Chlorobenzene-d5	10.039	137005	294369	0.4654	94.0729	100.0000	94.1
04DEC09.D	Calibration	Chlorobenzene-d5	10.037	378008	286916	1.3175	266.2972	250.0000	106.5
04DEC11.D	Calibration	Chlorobenzene-d5	10.039	791981	295366	2.6814	541.9692	500.0000	108.4
04DEC13.D	Calibration	Chlorobenzene-d5	10.039	1172495	286913	4.0866	826.0020	750.0000	110.1
04DEC15.D	Calibration	Chlorobenzene-d5	10.039	1581934	297007	5.3263	1076.5694	1000.0000	107.7
04DEC17.D	QC	Chlorobenzene-d5	10.039	359316	289649	1.2405	250.7407	250.0000	

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5	10.433	156	290429	0.0005	0.1224		
04DEC04.D	Calibration	Chlorobenzene-d5	10.433	3018	287164	0.0105	2.3899	2.5000	95.6
04DEC05.D	Calibration	Chlorobenzene-d5	10.427	14074	286680	0.0491	11.1640	12.5000	89.3
04DEC06.D	Calibration	Chlorobenzene-d5	10.430	29255	292525	0.1000	22.7424	25.0000	91.0
04DEC07.D	Calibration	Chlorobenzene-d5	10.430	61676	294369	0.2095	47.6456	50.0000	95.3
04DEC09.D	Calibration	Chlorobenzene-d5	10.430	164133	286916	0.5721	130.0887	125.0000	104.1
04DEC11.D	Calibration	Chlorobenzene-d5	10.433	347166	295366	1.1754	267.2853	250.0000	106.9
04DEC13.D	Calibration	Chlorobenzene-d5	10.430	518941	286913	1.8087	411.3070	375.0000	109.7
04DEC15.D	Calibration	Chlorobenzene-d5	10.433	706346	297007	2.3782	540.8155	500.0000	108.2

Compound: o-Xylene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC17.D	QC	Chlorobenzene-d5	10.430	162971	289649	0.5626	127.9489	125.0000	

Compound: Styrene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	Chlorobenzene-d5			290429		ND		
04DEC04.D	Calibration	Chlorobenzene-d5	10.449	4474	287164	0.0156	2.2053	2.5000	88.2
04DEC05.D	Calibration	Chlorobenzene-d5	10.446	22486	286680	0.0784	11.1022	12.5000	88.8
04DEC06.D	Calibration	Chlorobenzene-d5	10.444	46987	292525	0.1606	22.7357	25.0000	90.9
04DEC07.D	Calibration	Chlorobenzene-d5	10.446	97666	294369	0.3318	46.9618	50.0000	93.9
04DEC09.D	Calibration	Chlorobenzene-d5	10.447	273687	286916	0.9539	135.0184	125.0000	108.0
04DEC11.D	Calibration	Chlorobenzene-d5	10.446	570316	295366	1.9309	273.3057	250.0000	109.3
04DEC13.D	Calibration	Chlorobenzene-d5	10.449	849137	286913	2.9596	418.9104	375.0000	111.7
04DEC15.D	Calibration	Chlorobenzene-d5	10.446	1144210	297007	3.8525	545.2964	500.0000	109.1
04DEC17.D	QC	Chlorobenzene-d5	10.447	268834	289649	0.9281	131.3729	125.0000	

Compound: Bromoform

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	10.628	750	213926	0.0035	2.8008	2.5000	112.0
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	10.625	3204	221435	0.0145	11.5606	12.5000	92.5
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	10.625	6879	229297	0.0300	23.9695	25.0000	95.9
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	10.625	14046	230654	0.0609	48.6546	50.0000	97.3
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	10.625	36556	227514	0.1607	128.3757	125.0000	102.7
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	10.625	77065	242532	0.3178	253.8753	250.0000	101.6
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	10.625	118688	239655	0.4952	395.6878	375.0000	105.5
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	10.628	159526	243795	0.6543	522.8042	500.0000	104.6
04DEC17.D	QC	1,4-Dichlorobenzene-d4	10.628	36301	234169	0.1550	123.8573	125.0000	

Compound: p-Bromofluorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4	10.954	225395	216698	1.0401	270.9906		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	10.954	3133	213926	0.0146	3.8156	2.5000	152.6
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	10.951	10650	221435	0.0481	12.5305	12.5000	100.2
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	10.954	21095	229297	0.0920	23.9688	25.0000	95.9
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	10.951	42413	230654	0.1839	47.9074	50.0000	95.8
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	10.949	108797	227514	0.4782	124.5873	125.0000	99.7
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	10.954	241205	242532	0.9945	259.1087	250.0000	103.6
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	10.951	354768	239655	1.4803	385.6761	375.0000	102.8
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	10.951	476792	243795	1.9557	509.5291	500.0000	101.9
04DEC17.D	QC	1,4-Dichlorobenzene-d4	10.951	236947	234169	1.0119	263.6250	250.0000	

Compound: Bromobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	11.091	1792	213926	0.0084	2.4582	2.5000	98.3
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	11.091	9106	221435	0.0411	12.0688	12.5000	96.6
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	11.091	20015	229297	0.0873	25.6177	25.0000	102.5
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	11.096	37601	230654	0.1630	47.8433	50.0000	95.7
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	11.094	100372	227514	0.4412	129.4752	125.0000	103.6
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	11.093	207720	242532	0.8565	251.3573	250.0000	100.5
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	11.093	308707	239655	1.2881	378.0439	375.0000	100.8
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	11.093	416834	243795	1.7098	501.7884	500.0000	100.4
04DEC17.D	QC	1,4-Dichlorobenzene-d4	11.094	98174	234169	0.4192	123.0409	125.0000	

Compound: 1,1,2,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	11.113	1245	213926	0.0058	2.8953	2.5000	115.8
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	11.113	5485	221435	0.0248	12.3244	12.5000	98.6
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	11.110	11488	229297	0.0501	24.9277	25.0000	99.7
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	11.113	22567	230654	0.0978	48.6799	50.0000	97.4
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	11.113	56301	227514	0.2475	123.1246	125.0000	98.5
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	11.113	117955	242532	0.4863	241.9826	250.0000	96.8
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	11.110	176611	239655	0.7369	366.6639	375.0000	97.8
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	11.113	233853	243795	0.9592	477.2600	500.0000	95.5
04DEC17.D	QC	1,4-Dichlorobenzene-d4	11.110	56064	234169	0.2394	119.1219	125.0000	

Compound: 1,2,3-Trichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	11.152	360	213926	0.0017	3.1587	2.5000	126.3
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	11.144	1583	221435	0.0071	13.4162	12.5000	107.3
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	11.149	3343	229297	0.0146	27.3608	25.0000	109.4
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	11.146	6317	230654	0.0274	51.3973	50.0000	102.8
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	11.149	14804	227514	0.0651	122.1129	125.0000	97.7
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	11.146	30123	242532	0.1242	233.0879	250.0000	93.2
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	11.149	45431	239655	0.1896	355.7594	375.0000	94.9
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	11.146	61471	243795	0.2521	473.1905	500.0000	94.6
04DEC17.D	QC	1,4-Dichlorobenzene-d4	11.149	15099	234169	0.0645	121.0067	125.0000	

Compound: 2-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	11.289	1628	213926	0.0076	2.2735	2.5000	90.9
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	11.289	8597	221435	0.0388	11.6019	12.5000	92.8

Compound: 2-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	11.291	17111	229297	0.0746	22.3000	25.0000	89.2
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	11.289	36984	230654	0.1603	47.9161	50.0000	95.8
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	11.292	103599	227514	0.4554	136.0741	125.0000	108.9
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	11.291	218251	242532	0.8999	268.9152	250.0000	107.6
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	11.291	326022	239655	1.3604	406.5262	375.0000	108.4
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	11.291	433941	243795	1.7799	531.9050	500.0000	106.4
04DEC17.D	QC	1,4-Dichlorobenzene-d4	11.289	102457	234169	0.4375	130.7496	125.0000	

Compound: 4-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	11.397	5541	213926	0.0259	2.2817	2.5000	91.3
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	11.400	30164	221435	0.1362	11.9999	12.5000	96.0
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	11.397	60727	229297	0.2648	23.3302	25.0000	93.3
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	11.400	124548	230654	0.5400	47.5676	50.0000	95.1
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	11.400	348632	227514	1.5324	134.9879	125.0000	108.0
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	11.400	730044	242532	3.0101	265.1647	250.0000	106.1
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	11.397	1078848	239655	4.5017	396.5605	375.0000	105.7
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	11.400	1445615	243795	5.9296	522.3523	500.0000	104.5
04DEC17.D	QC	1,4-Dichlorobenzene-d4	11.400	343501	234169	1.4669	129.2213	125.0000	

Compound: 1,3-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	12.033	3306	213926	0.0155	2.5244	2.5000	101.0
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	12.033	16804	221435	0.0759	12.3951	12.5000	99.2
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	12.036	33563	229297	0.1464	23.9081	25.0000	95.6
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	12.036	67416	230654	0.2923	47.7402	50.0000	95.5
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	12.033	179419	227514	0.7886	128.8078	125.0000	103.0
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	12.033	377782	242532	1.5577	254.4217	250.0000	101.8
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	12.036	562743	239655	2.3481	383.5355	375.0000	102.3
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	12.036	758680	243795	3.1120	508.2949	500.0000	101.7
04DEC17.D	QC	1,4-Dichlorobenzene-d4	12.036	187372	234169	0.8002	130.6945	125.0000	

Compound: 1,4-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	12.122	3631	213926	0.0170	2.6925	2.5000	107.7
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	12.122	17256	221435	0.0779	12.3619	12.5000	98.9
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	12.122	35254	229297	0.1537	24.3894	25.0000	97.6
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	12.122	68477	230654	0.2969	47.0951	50.0000	94.2
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	12.123	185361	227514	0.8147	129.2415	125.0000	103.4

Compound: 1,4-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	12.122	382542	242532	1.5773	250.2084	250.0000	100.1
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	12.125	567507	239655	2.3680	375.6440	375.0000	100.2
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	12.122	753127	243795	3.0892	490.0441	500.0000	98.0
04DEC17.D	QC	1,4-Dichlorobenzene-d4	12.123	181911	234169	0.7768	123.2314	125.0000	

Compound: 1,2-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
04DEC03.D	Blank	1,4-Dichlorobenzene-d4			216698		ND		
04DEC04.D	Calibration	1,4-Dichlorobenzene-d4	12.496	2564	213926	0.0120	2.3591	2.5000	94.4
04DEC05.D	Calibration	1,4-Dichlorobenzene-d4	12.490	14158	221435	0.0639	12.5849	12.5000	100.7
04DEC06.D	Calibration	1,4-Dichlorobenzene-d4	12.496	28421	229297	0.1239	24.3969	25.0000	97.6
04DEC07.D	Calibration	1,4-Dichlorobenzene-d4	12.496	55684	230654	0.2414	47.5186	50.0000	95.0
04DEC09.D	Calibration	1,4-Dichlorobenzene-d4	12.496	150899	227514	0.6633	130.5486	125.0000	104.4
04DEC11.D	Calibration	1,4-Dichlorobenzene-d4	12.493	318396	242532	1.3128	258.4000	250.0000	103.4
04DEC13.D	Calibration	1,4-Dichlorobenzene-d4	12.493	469313	239655	1.9583	385.4518	375.0000	102.8
04DEC15.D	Calibration	1,4-Dichlorobenzene-d4	12.493	630110	243795	2.5846	508.7279	500.0000	101.7
04DEC17.D	QC	1,4-Dichlorobenzene-d4	12.491	152238	234169	0.6501	127.9639	125.0000	

Initial Calibration Report - VOA5975C

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Method Path	\\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL
Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m
Batch Name	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin
Last Calib Update	12/8/2021 11:02:08 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	12/4/2021 1:03:05 PM	12/8/2021 11:02:07 AM
2	D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	12/4/2021 1:30:23 PM	12/8/2021 11:02:07 AM
3	D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	12/4/2021 1:57:47 PM	12/8/2021 11:02:07 AM
4	D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	12/4/2021 2:25:15 PM	12/8/2021 11:02:07 AM
5	D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	12/4/2021 3:20:02 PM	12/8/2021 11:02:07 AM
6	D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	12/4/2021 4:14:52 PM	12/8/2021 11:02:07 AM
7	D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	12/4/2021 5:09:43 PM	12/8/2021 11:02:07 AM
8	D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	12/4/2021 6:04:36 PM	12/8/2021 11:02:07 AM

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I Fluorobenzene					---------- ISTD ----------						
T Dichlorodifluoromethane	Avg RF		0.3379	0.3306	0.3273	0.3533	0.3521	0.3595	0.3541	0.3450	3.713
T Chloromethane	Avg RF		0.3999	0.3902	0.3784	0.3928	0.3989	0.4111	0.4055	0.3967	2.707
T Vinyl chloride	Avg RF		0.3725	0.3601	0.3576	0.3826	0.3856	0.3954	0.3956	0.3785	4.113
T Bromomethane	Quadratic		0.1253	0.1191	0.1341	0.1510	0.1618	0.1688	0.1760	0.1480	14.993
T Chloroethane	Avg RF		0.2255	0.2098	0.2020	0.2085	0.2082	0.2089	0.2115	0.2106	3.418
T Trichlorofluoromethane	Avg RF		0.4834	0.4734	0.4656	0.5095	0.5090	0.5127	0.5097	0.4948	4.037
T 1,1-Dichloroethene	Avg RF		0.2759	0.2465	0.2551	0.2736	0.2620	0.2690	0.2678	0.2643	3.979
T Methylene chloride	Avg RF		0.3915	0.3799	0.3650	0.3674	0.3467	0.3569	0.3560	0.3662	4.173
T trans-1,2-Dichloroethene	Avg RF		0.2652	0.2550	0.2502	0.2742	0.2630	0.2683	0.2713	0.2639	3.279
T Methyl tert-butyl ether (MTBE)	Avg RF		0.3157	0.3208	0.3216	0.3206	0.3372	0.3540	0.3632	0.3333	5.611
T 1,1-Dichloroethane	Avg RF		0.5085	0.4789	0.4852	0.5134	0.5032	0.5135	0.5079	0.5015	2.769
T 2,2-Dichloropropane	Avg RF		0.3725	0.3646	0.3515	0.3885	0.3740	0.3755	0.3771	0.3720	3.088
T cis-1,2-Dichloroethene	Avg RF		0.2708	0.2551	0.2579	0.2812	0.2766	0.2786	0.2737	0.2706	3.771
T Methyl ethyl ketone	Avg RF		0.0322	0.0339	0.0357	0.0349	0.0371			0.0348 #	5.291
T Bromochloromethane	Avg RF		0.0984	0.1024	0.1036	0.1066	0.1022	0.1062	0.1041	0.1034	2.674
T Chloroform	Avg RF	0.5074	0.4829	0.4598	0.4672	0.4930	0.4821	0.4829	0.4744	0.4812	3.074
T 1,1,1-Trichloroethane	Avg RF		0.4399	0.4502	0.4402	0.4811	0.4707	0.4818	0.4841	0.4640	4.304
S Dibromofluoromethane	Avg RF		0.2342	0.2418	0.2331	0.2294	0.2425	0.2414	0.2443	0.2381	2.409
T Carbon tetrachloride	Avg RF		0.4370	0.4206	0.4193	0.4759	0.4658	0.4754	0.4735	0.4525	5.743
T 1,1-Dichloropropene	Avg RF	0.3738	0.3828	0.3780	0.3707	0.4309	0.4274	0.4291	0.4396	0.4040	7.436
S 1,2-Dichloroethane-d4	Avg RF		0.1156	0.1076	0.1091	0.1064	0.1078	0.1104	0.1099	0.1095	2.767
T Benzene	Avg RF		0.9940	0.9960	0.9517	1.0725	1.0462	1.0658	1.0716	1.0283	4.635
T 1,2-Dichloroethane	Avg RF		0.2739	0.2565	0.2633	0.2854	0.2666	0.2707	0.2783	0.2707	3.563
I Chlorobenzene-d5					---------- ISTD ----------						
T Trichloroethene	Avg RF	0.8612	0.7982	0.7706	0.7419	0.8351	0.8156	0.8432	0.8159	0.8102	4.836
T 1,2-Dichloropropane	Avg RF	0.6387	0.6362	0.6393	0.6465	0.6917	0.7084	0.7293	0.6979	0.6735	5.544
T Dibromomethane	Avg RF		0.2957	0.2707	0.2695	0.2826	0.2828	0.2927	0.2845	0.2826	3.508
T Bromodichloromethane	Avg RF		0.7883	0.7642	0.7600	0.7984	0.8206	0.8391	0.8199	0.7986	3.742

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
T cis-1,3-Dichloropropene	Avg RF	0.9061	0.8058	0.7894	0.8252	0.8918	0.9035	0.9726	0.9508	0.8806	7.639
S Toluene-d8	Avg RF		2.2999	2.3084	2.3148	2.4497	2.6777	2.6512	2.5849	2.4695	6.791
T Toluene	Avg RF	1.6841	1.5648	1.4983	1.5674	1.7738	1.7743	1.8017	1.7510	1.6769	7.001
T trans-1,3-Dichloropropene	Avg RF	0.5959	0.6014	0.5767	0.5866	0.6433	0.6625	0.6890	0.6654	0.6276	6.766
T 1,1,2-Trichloroethane	Avg RF		0.3490	0.3112	0.3192	0.3227	0.3217	0.3326	0.3265	0.3261	3.685
T Tetrachloroethene	Avg RF	0.6728	0.6266	0.6540	0.6202	0.6955	0.7038	0.7071	0.6898	0.6712	5.093
T 1,3-Dichloropropane	Avg RF		0.6510	0.6037	0.6358	0.6641	0.6678	0.7008	0.6673	0.6558	4.618
T Chlorodibromomethane	Avg RF	0.4858	0.4454	0.4741	0.4635	0.5053	0.5087	0.5136	0.5045	0.4876	5.059
T 1,2-Dibromoethane	Avg RF		0.3427	0.3196	0.3433	0.3601	0.3591	0.3699	0.3583	0.3504	4.766
T Chlorobenzene	Avg RF		1.8371	1.7777	1.7191	1.8361	1.8596	1.8931	1.8322	1.8221	3.133
T 1,1,1,2-Tetrachloroethane	Avg RF	0.7571	0.6076	0.6075	0.5832	0.6243	0.6416	0.6528	0.6375	0.6390	8.248
T Ethylbenzene	Avg RF	3.0815	2.9223	3.0111	2.9119	3.3677	3.4088	3.4871	3.3992	3.1987	7.507
T m+p-Xylenes	Avg RF	1.1426	1.1147	1.1221	1.1635	1.3175	1.3407	1.3622	1.3316	1.2369	8.873
T o-Xylene	Avg RF	1.0510	0.9819	1.0001	1.0476	1.1441	1.1754	1.2058	1.1891	1.0994	8.125
T Styrene	Avg RF	1.5580	1.5687	1.6063	1.6589	1.9078	1.9309	1.9730	1.9262	1.7662	10.374
I 1,4-Dichlorobenzene-d4				---------- ISTD ----------							
T Bromoform	Avg RF		0.2894	0.3000	0.3045	0.3214	0.3178	0.3302	0.3272	0.3129	4.859
S p-Bromofluorobenzene	Avg RF		0.9619	0.9200	0.9194	0.9564	0.9945	0.9869	0.9779	0.9596	3.155
T Bromobenzene	Avg RF		0.8225	0.8729	0.8151	0.8823	0.8565	0.8588	0.8549	0.8518	2.901
T 1,1,2,2-Tetrachloroethane	Avg RF	0.5819	0.4954	0.5010	0.4892	0.4949	0.4863	0.4913	0.4796	0.5025	6.516
T 1,2,3-Trichloropropane	Avg RF		0.1430	0.1458	0.1369	0.1301	0.1242	0.1264	0.1261	0.1332	6.543
T 2-Chlorotoluene	Avg RF	0.7608	0.7765	0.7462	0.8017	0.9107	0.8999	0.9069	0.8900	0.8366	8.576
T 4-Chlorotoluene	Avg RF	2.5901	2.7244	2.6484	2.6999	3.0647	3.0101	3.0011	2.9648	2.8379	6.700
T 1,3-Dichlorobenzene	Avg RF	1.5455	1.5177	1.4637	1.4614	1.5772	1.5577	1.5654	1.5560	1.5306	2.964
T 1,4-Dichlorobenzene	Avg RF	1.6973	1.5586	1.5375	1.4844	1.6294	1.5773	1.5787	1.5446	1.5760	4.066
T 1,2-Dichlorobenzene	Avg RF	1.1985	1.2787	1.2395	1.2071	1.3265	1.3128	1.3055	1.2923	1.2701	3.863

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

Compounds with Curve fitting not using Avg Response Factor:

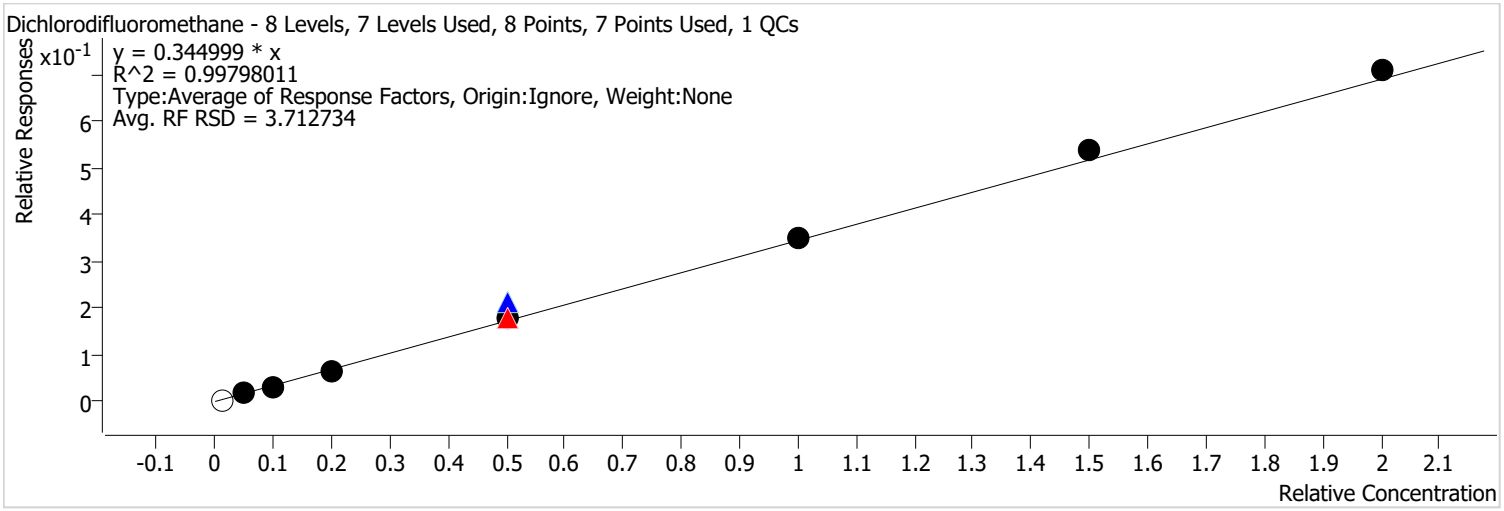
Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
T Bromomethane	Quadratic	y = 0.015844 * x ^ 2 + 0.145832 * x - 0.001773	0.999722

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

Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:29 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dichlorodifluoromethane %RSE = 3.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2705	2.5000	0.3672	
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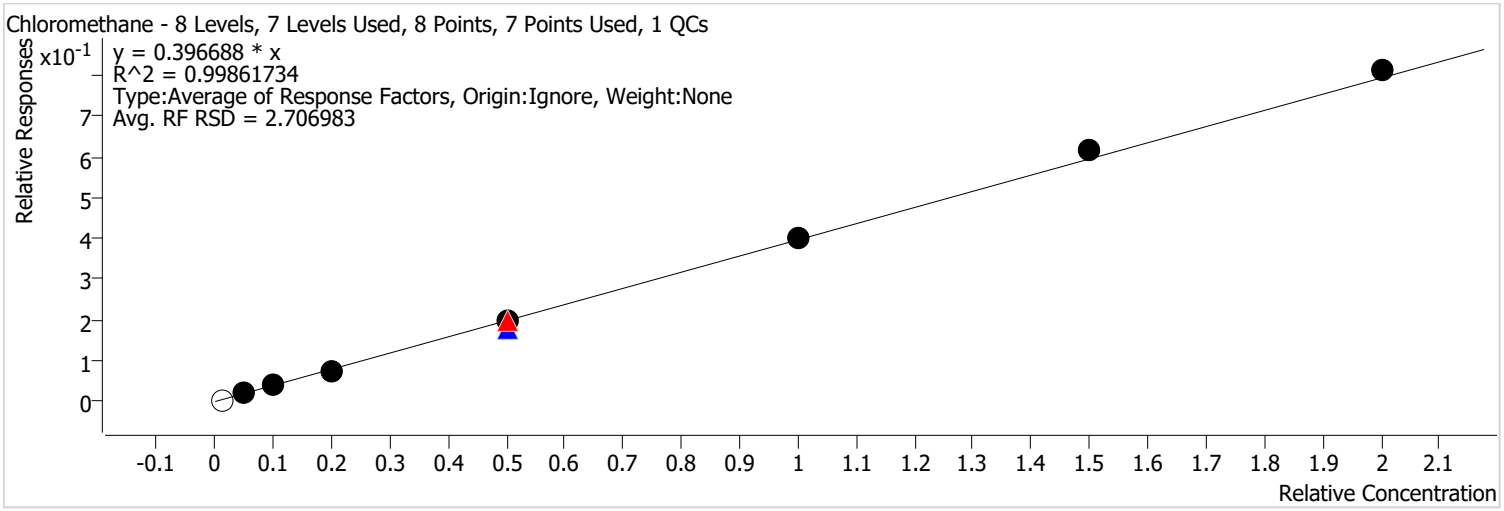
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	25103	25.0000	0.3306	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	49996	50.0000	0.3273	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	132033	125.0000	0.3533	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	166345	125.0000	0.4299	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	132033	125.0000	0.3533	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	278337	250.0000	0.3521	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	415081	375.0000	0.3595	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	551053	500.0000	0.3541	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:33 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloromethane %RSE = 2.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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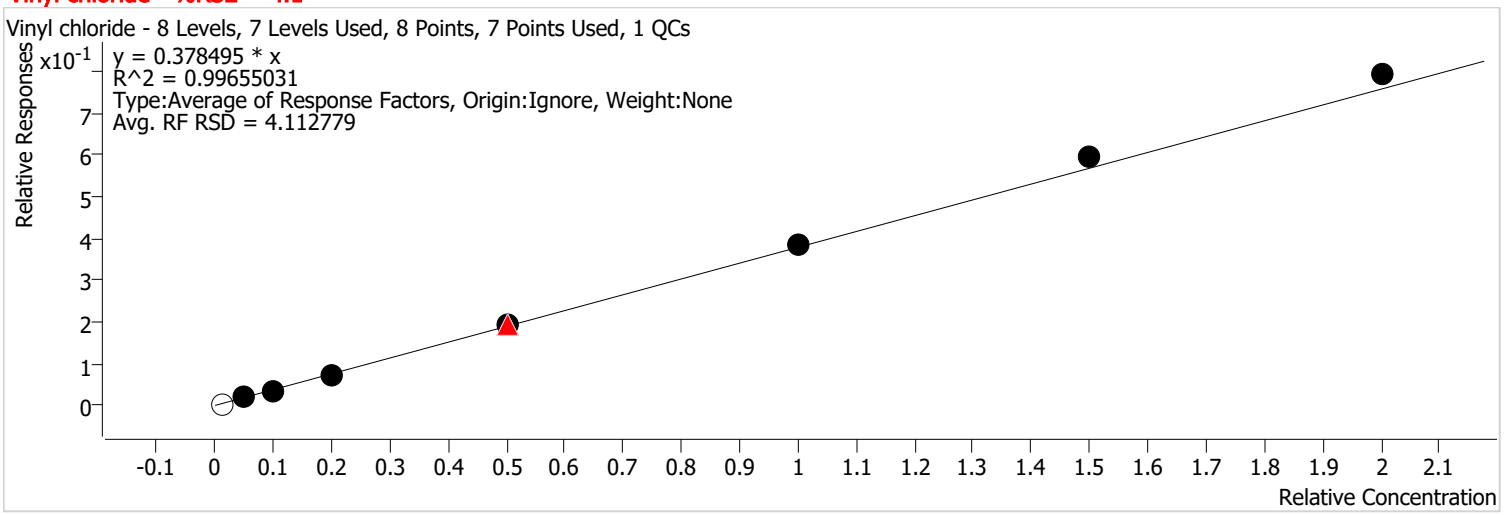
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	29627	25.0000	0.3902	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	57792	50.0000	0.3784	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	146798	125.0000	0.3928	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	140046	125.0000	0.3619	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	146798	125.0000	0.3928	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	315266	250.0000	0.3989	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	474584	375.0000	0.4111	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	630981	500.0000	0.4055	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:33 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Vinyl chloride %RSE = 4.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2899	2.5000	0.3936	
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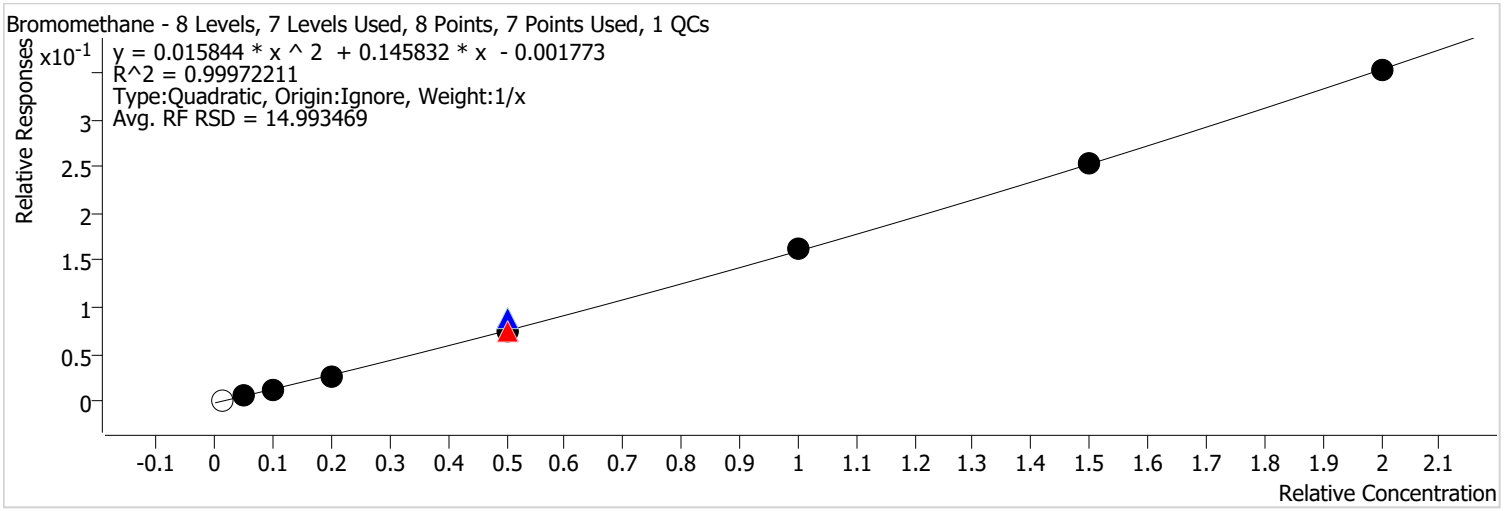
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	27344	25.0000	0.3601	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	54619	50.0000	0.3576	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	142977	125.0000	0.3826	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	150486	125.0000	0.3889	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	142977	125.0000	0.3826	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	304787	250.0000	0.3856	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	456447	375.0000	0.3954	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	615582	500.0000	0.3956	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:33 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromomethane %RSE = 6.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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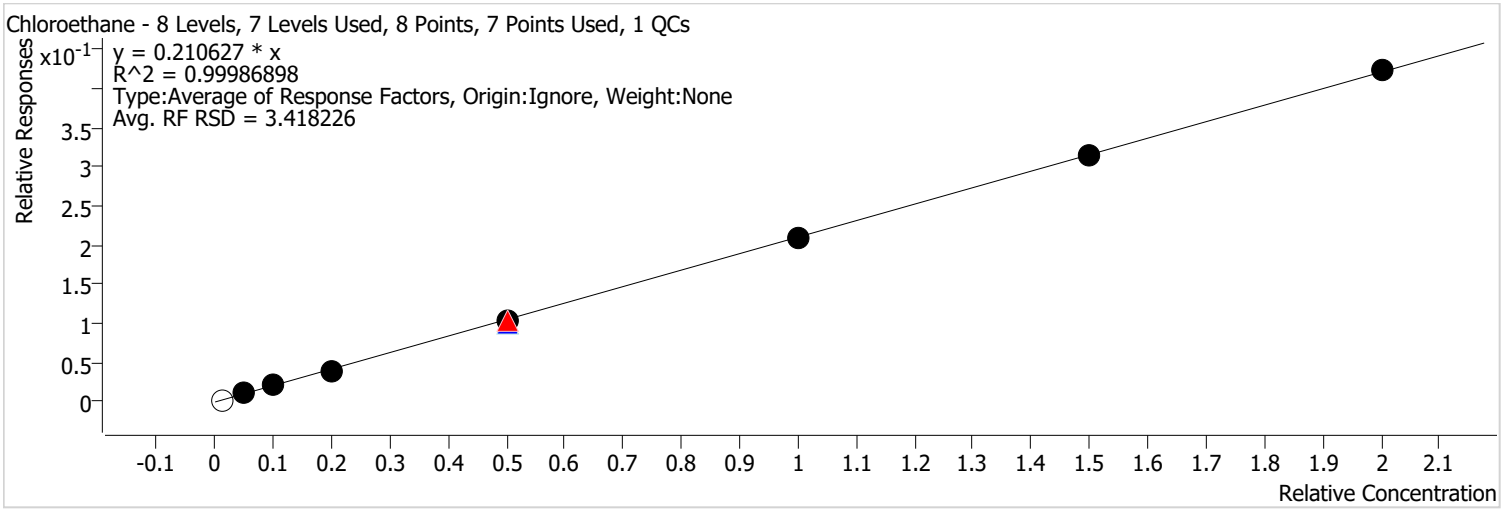
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	4635	12.5000	0.1253	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	9046	25.0000	0.1191	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	20478	50.0000	0.1341	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	56442	125.0000	0.1510	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	67788	125.0000	0.1752	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	56442	125.0000	0.1510	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	127901	250.0000	0.1618	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	194847	375.0000	0.1688	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	273832	500.0000	0.1760	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:33 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloroethane %RSE = 3.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2069	2.5000	0.2809	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	8341	12.5000	0.2255	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	15928	25.0000	0.2098	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	30856	50.0000	0.2020	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	77906	125.0000	0.2085	
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D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	77906	125.0000	0.2085	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	164542	250.0000	0.2082	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	241192	375.0000	0.2089	
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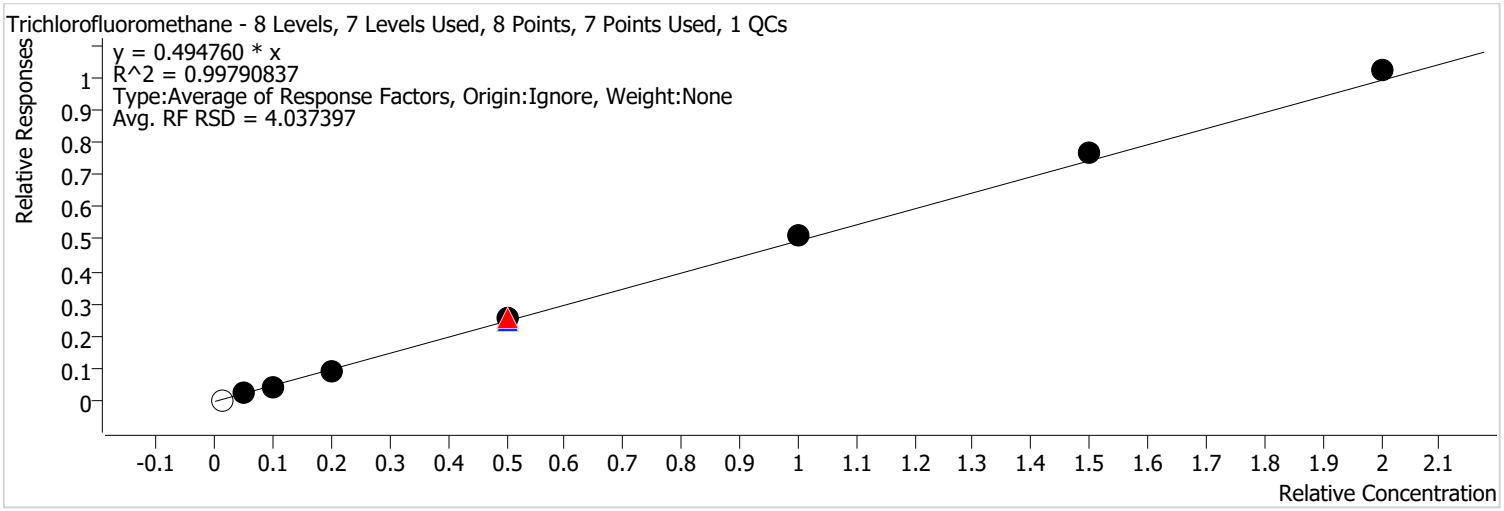
Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:33 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Trichlorofluoromethane %RSE = 4.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	35946	25.0000	0.4734	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	71115	50.0000	0.4656	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	190376	125.0000	0.5095	
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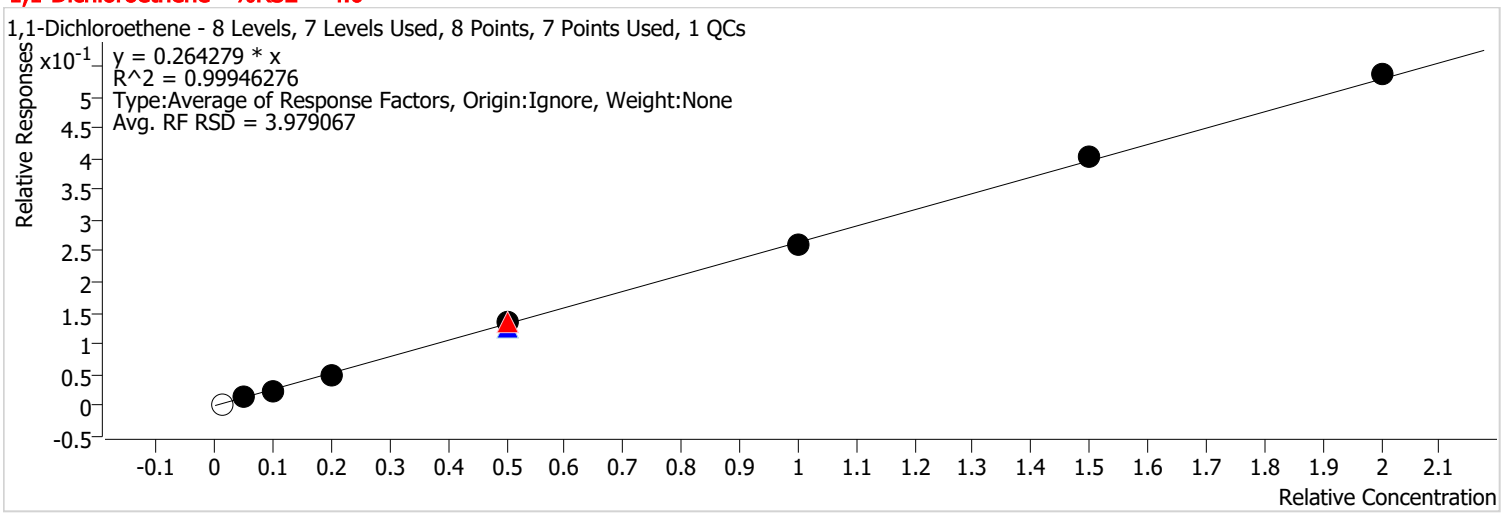
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	190376	125.0000	0.5095	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	402331	250.0000	0.5090	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	591883	375.0000	0.5127	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	793040	500.0000	0.5097	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1-Dichloroethene %RSE = 4.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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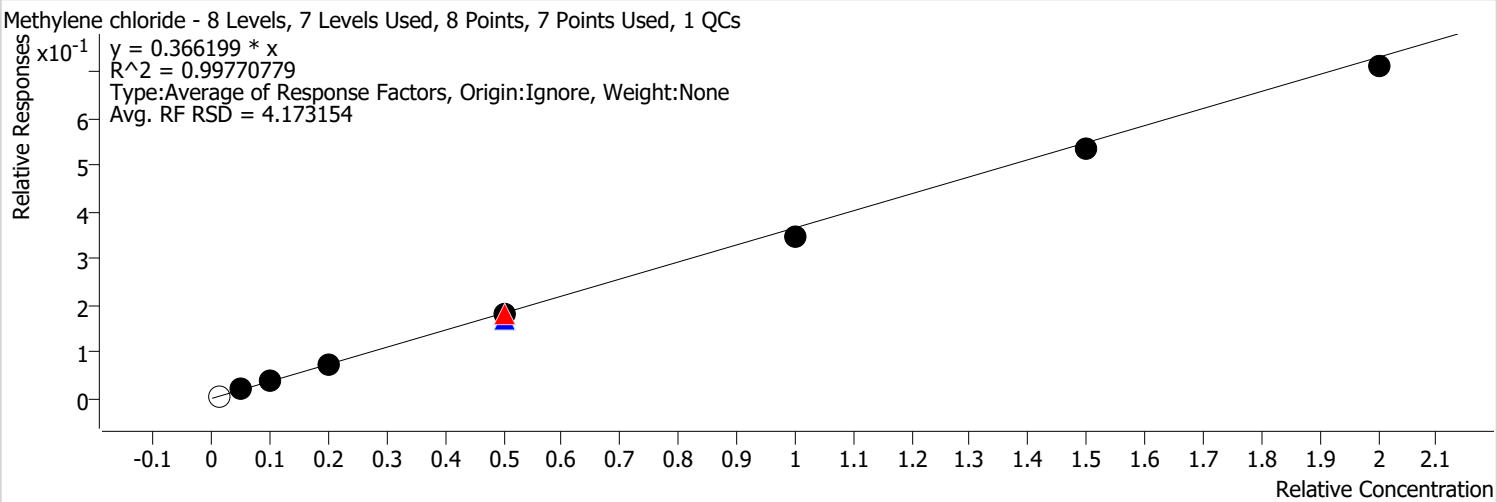
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	18714	25.0000	0.2465	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	38963	50.0000	0.2551	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	102251	125.0000	0.2736	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	97284	125.0000	0.2514	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	102251	125.0000	0.2736	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	207100	250.0000	0.2620	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	310594	375.0000	0.2690	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	416684	500.0000	0.2678	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

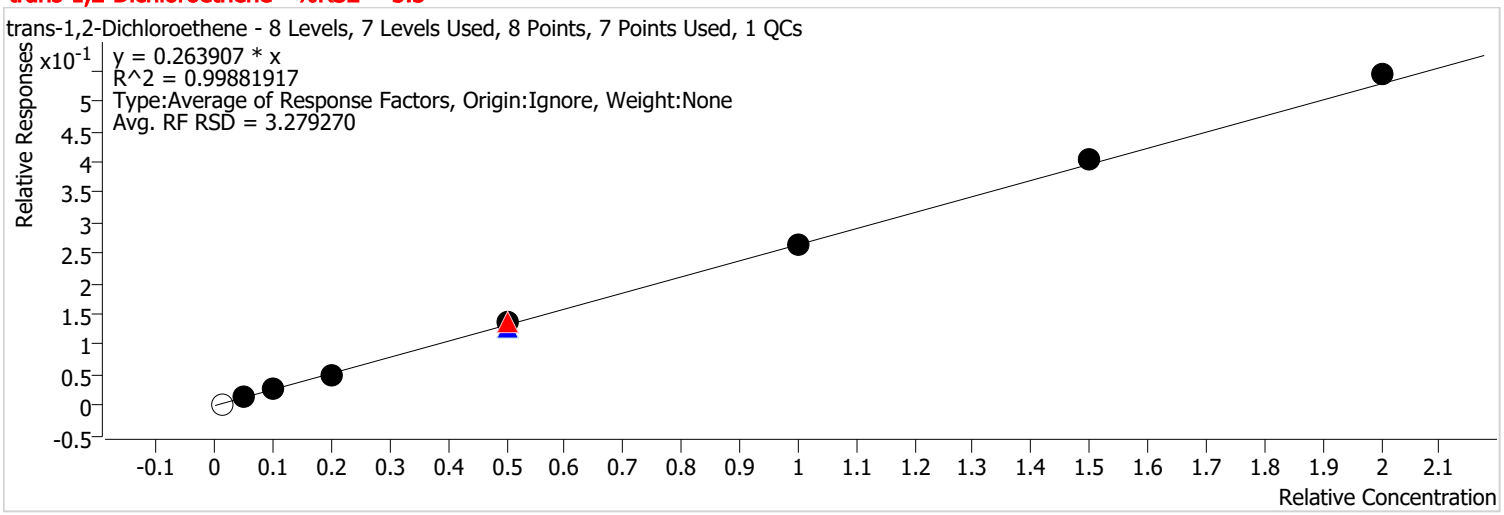
Methylene chloride %RSE = 4.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		3991	2.5000	0.5418	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	14480	12.5000	0.3915	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	28841	25.0000	0.3799	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	55751	50.0000	0.3650	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	137285	125.0000	0.3674	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	130013	125.0000	0.3360	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	137285	125.0000	0.3674	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	274037	250.0000	0.3467	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	412074	375.0000	0.3569	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	553900	500.0000	0.3560	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

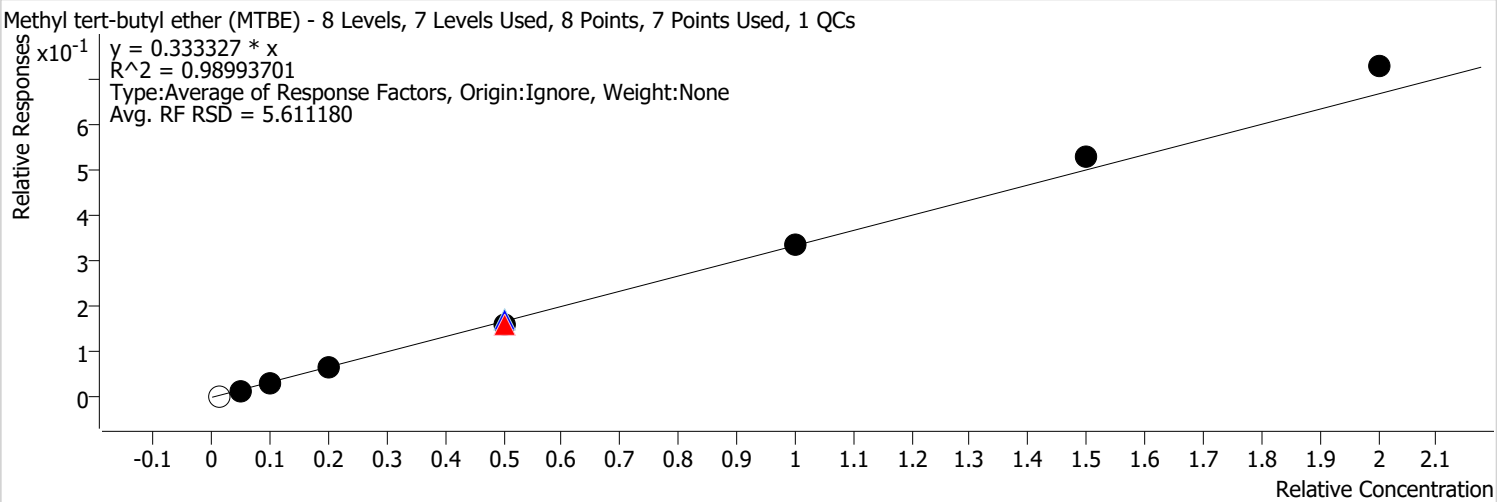
trans-1,2-Dichloroethene %RSE = 3.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2070	2.5000	0.2810	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	9810	12.5000	0.2652	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	19360	25.0000	0.2550	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	38221	50.0000	0.2502	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	102470	125.0000	0.2742	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	99123	125.0000	0.2562	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	102470	125.0000	0.2742	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	207904	250.0000	0.2630	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	309710	375.0000	0.2683	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	422226	500.0000	0.2713	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

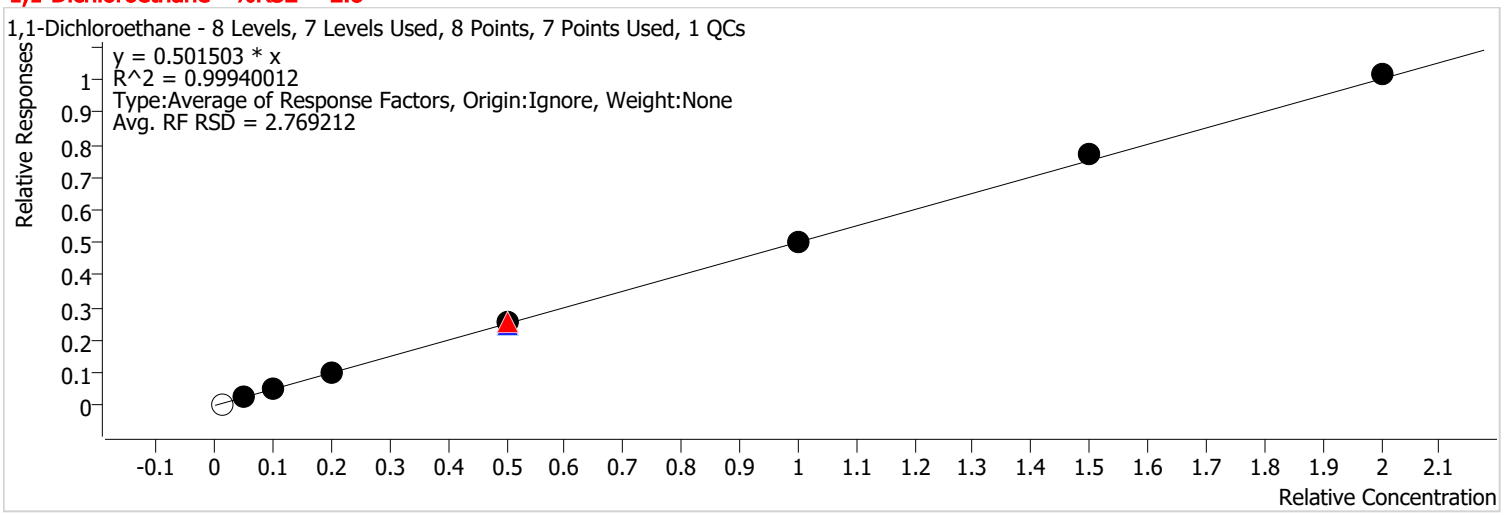
Methyl tert-butyl ether (MTBE) %RSE = 5.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2403	2.5000	0.3262	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	11676	12.5000	0.3157	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	24360	25.0000	0.3208	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	49125	50.0000	0.3216	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	119821	125.0000	0.3206	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	132423	125.0000	0.3422	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	119821	125.0000	0.3206	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	266566	250.0000	0.3372	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	408710	375.0000	0.3540	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	565126	500.0000	0.3632	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

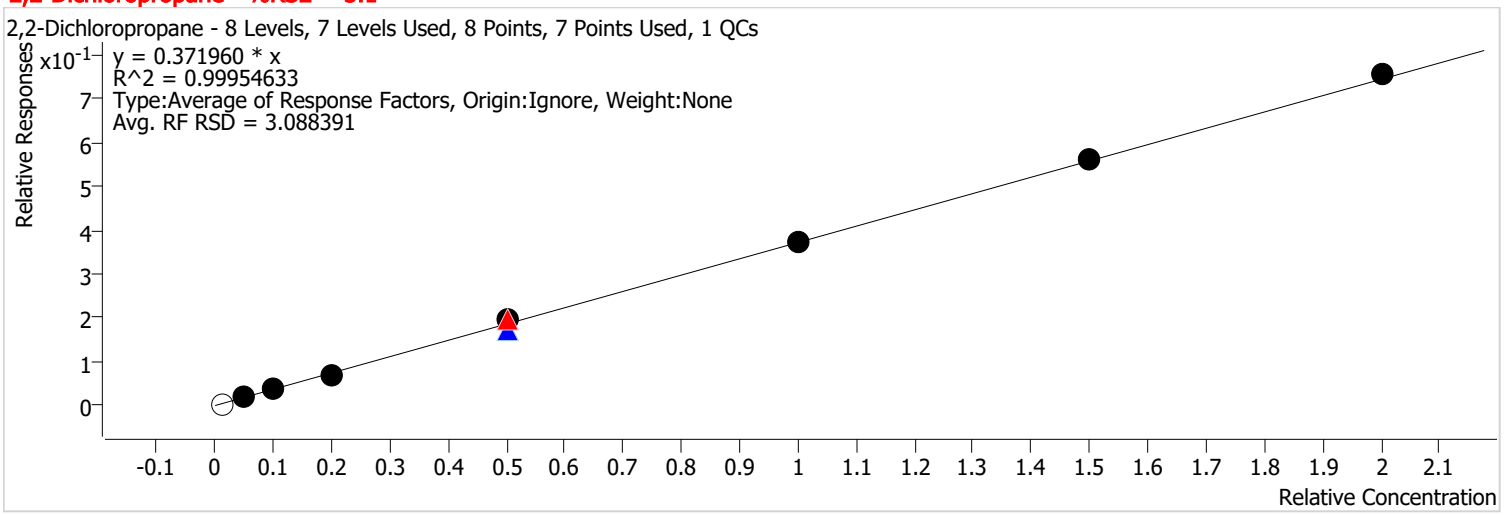
1,1-Dichloroethane %RSE = 2.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		3633	2.5000	0.4933	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	18807	12.5000	0.5085	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	36358	25.0000	0.4789	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	74101	50.0000	0.4852	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	191840	125.0000	0.5134	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	189085	125.0000	0.4886	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	191840	125.0000	0.5134	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	397738	250.0000	0.5032	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	592849	375.0000	0.5135	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	790264	500.0000	0.5079	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

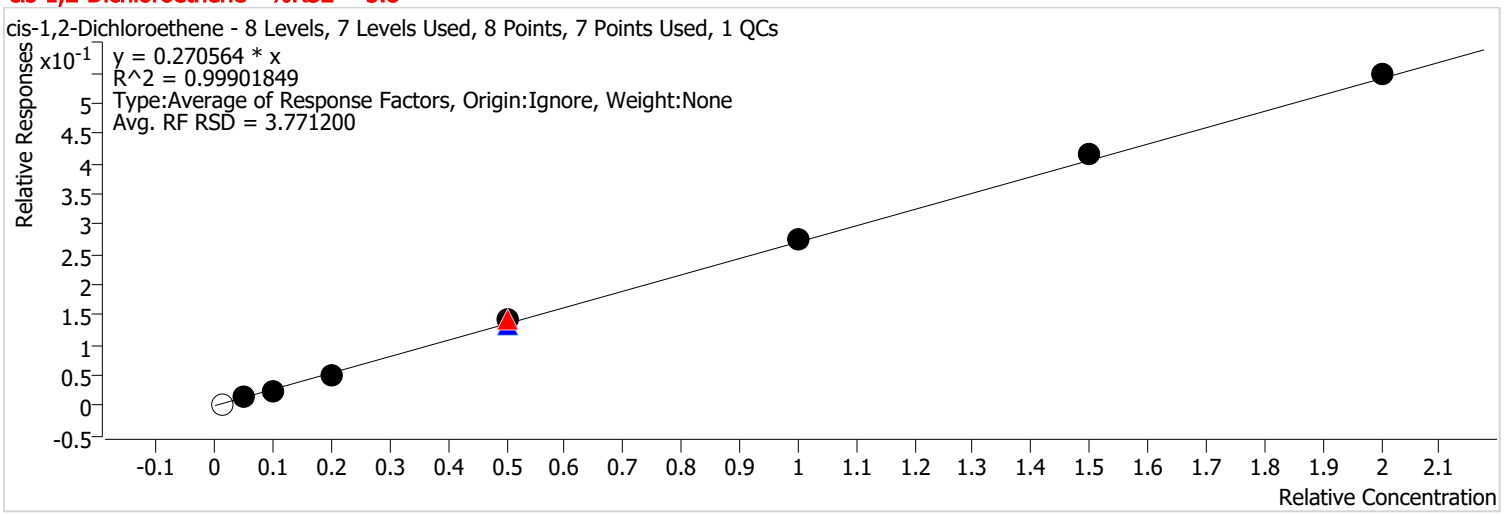
2,2-Dichloropropane %RSE = 3.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2963	2.5000	0.4022	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	13776	12.5000	0.3725	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	27683	25.0000	0.3646	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	53682	50.0000	0.3515	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	145190	125.0000	0.3885	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	135661	125.0000	0.3506	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	145190	125.0000	0.3885	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	295631	250.0000	0.3740	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	433526	375.0000	0.3755	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	586741	500.0000	0.3771	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

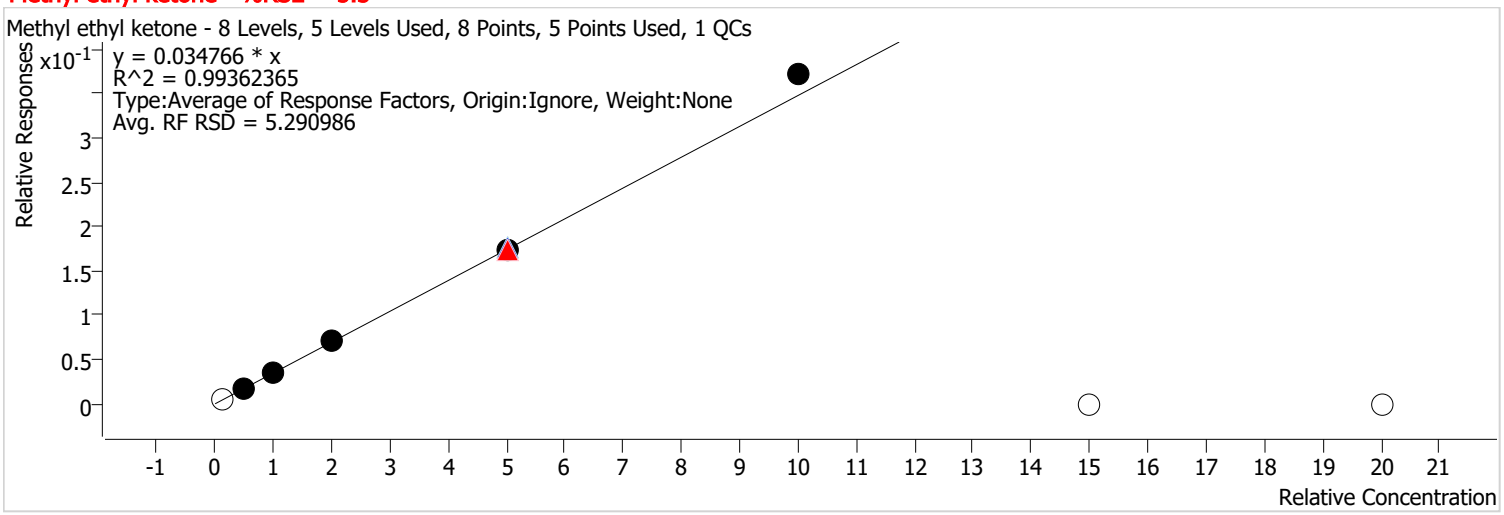
cis-1,2-Dichloroethene %RSE = 3.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2166	2.5000	0.2941	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	10016	12.5000	0.2708	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	19366	25.0000	0.2551	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	39392	50.0000	0.2579	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	105080	125.0000	0.2812	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	102618	125.0000	0.2652	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	105080	125.0000	0.2812	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	218645	250.0000	0.2766	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	321643	375.0000	0.2786	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	425925	500.0000	0.2737	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Methyl ethyl ketone %RSE = 5.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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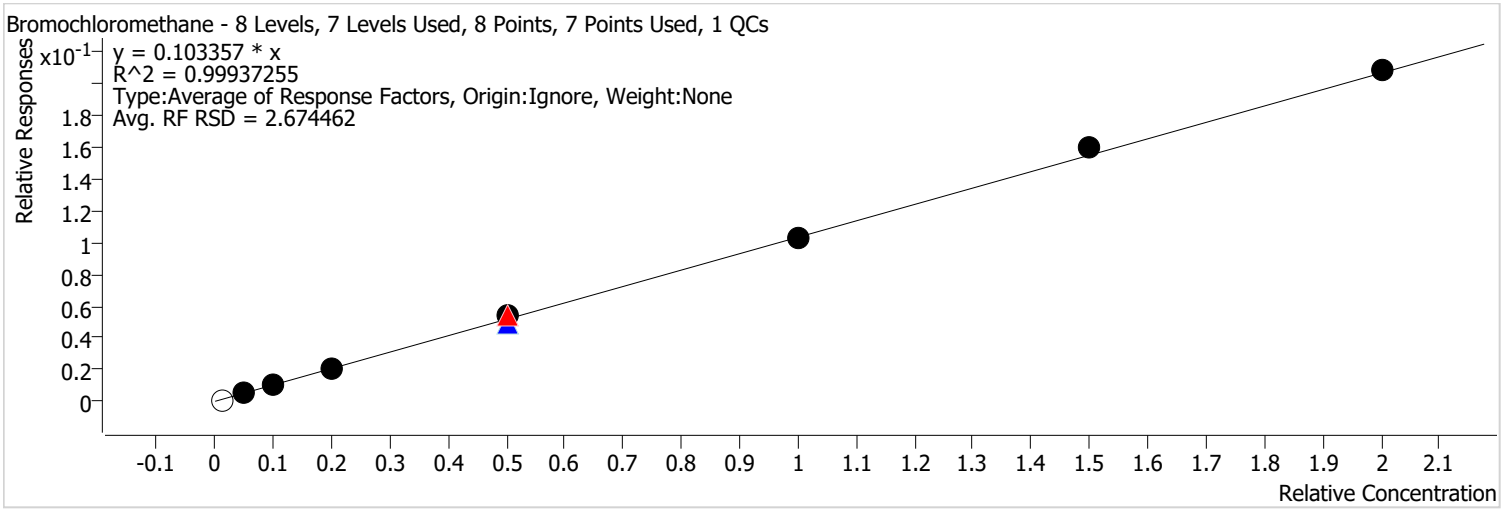
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	11914	125.0000	0.0322	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	25741	250.0000	0.0339	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	54510	500.0000	0.0357	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	130548	1250.0000	0.0349	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	137595	1250.0000	0.0356	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	130548	1250.0000	0.0349	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	293155	2500.0000	0.0371	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7		0	3750.0000	0.0000	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8		0	5000.0000	0.0000	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromochloromethane %RSE = 2.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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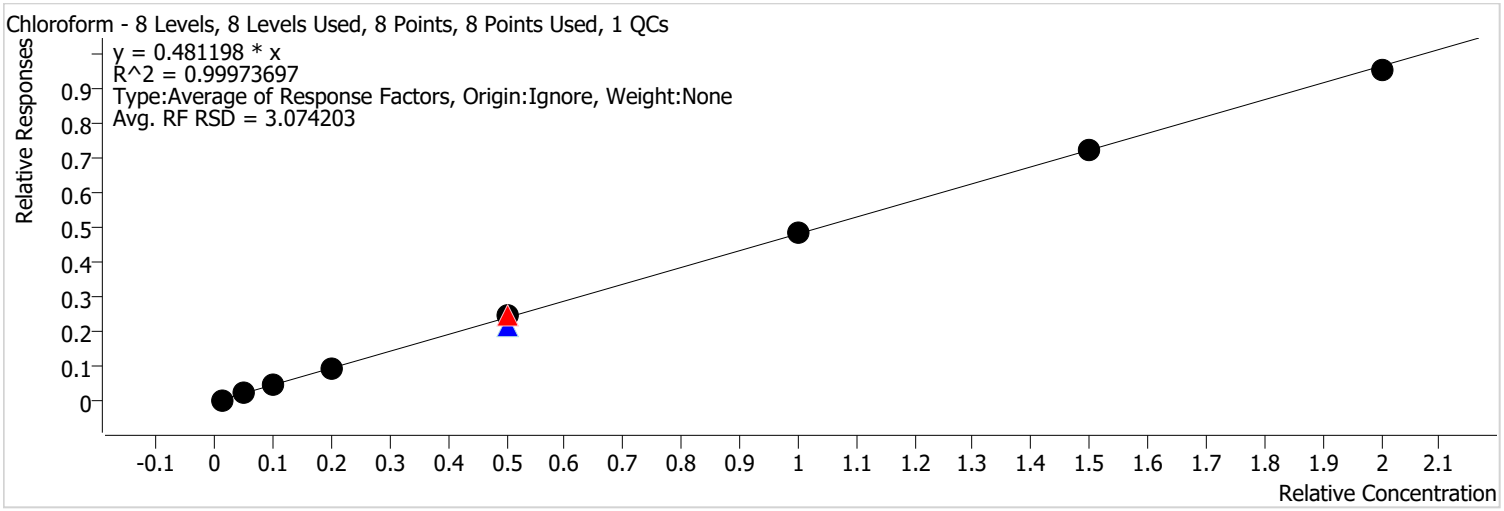
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	3640	12.5000	0.0984	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	7771	25.0000	0.1024	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	15824	50.0000	0.1036	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	39849	125.0000	0.1066	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	38121	125.0000	0.0985	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	39849	125.0000	0.1066	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	80813	250.0000	0.1022	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	122561	375.0000	0.1062	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	161948	500.0000	0.1041	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chloroform %RSE = 3.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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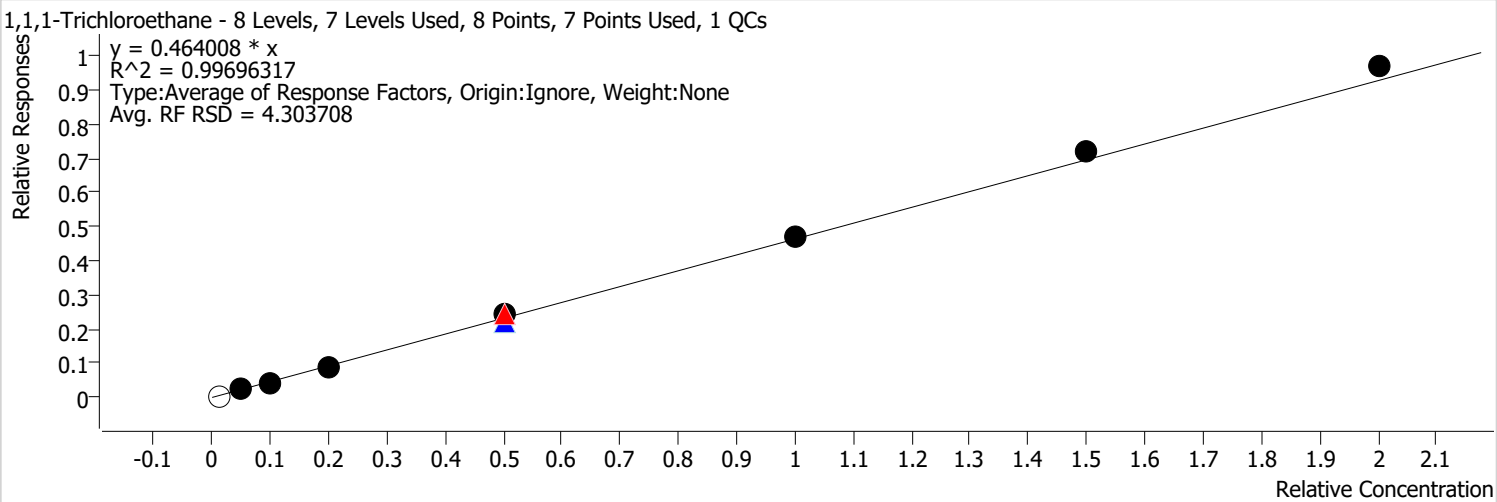
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	17859	12.5000	0.4829	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	34908	25.0000	0.4598	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	71351	50.0000	0.4672	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	184221	125.0000	0.4930	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	169848	125.0000	0.4389	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	184221	125.0000	0.4930	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	381056	250.0000	0.4821	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	557495	375.0000	0.4829	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	738232	500.0000	0.4744	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,1,1-Trichloroethane %RSE = 4.3



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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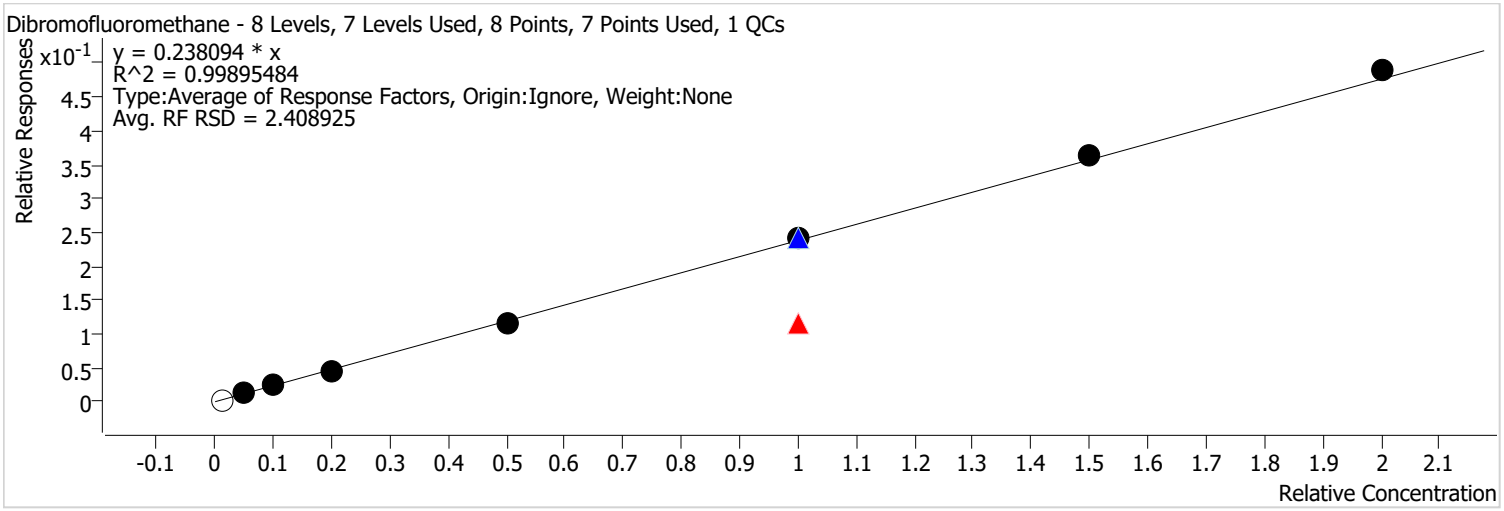
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	16271	12.5000	0.4399	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	34184	25.0000	0.4502	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	67234	50.0000	0.4402	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	179776	125.0000	0.4811	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	170089	125.0000	0.4395	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	179776	125.0000	0.4811	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	372018	250.0000	0.4707	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	556193	375.0000	0.4818	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	753352	500.0000	0.4841	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 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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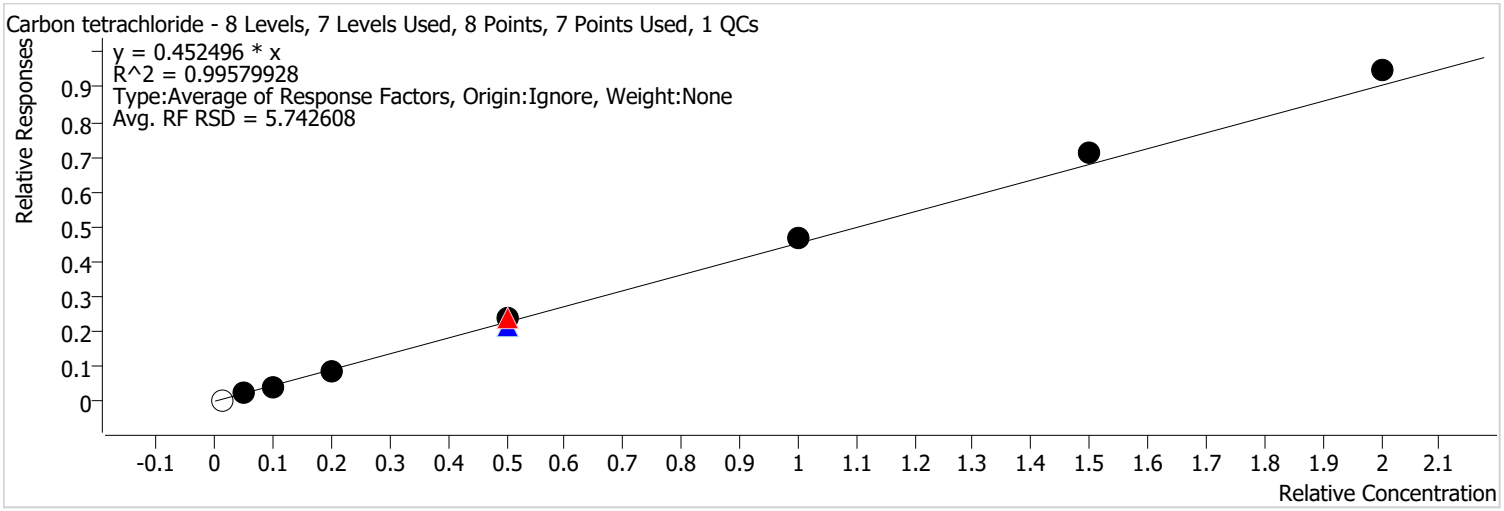
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	8663	12.5000	0.2342	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	18356	25.0000	0.2418	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	35605	50.0000	0.2331	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	85715	125.0000	0.2294	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	85715	250.0000	0.1147	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	188280	250.0000	0.2433	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	191660	250.0000	0.2425	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	278725	375.0000	0.2414	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	380065	500.0000	0.2443	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:34 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Carbon tetrachloride %RSE = 5.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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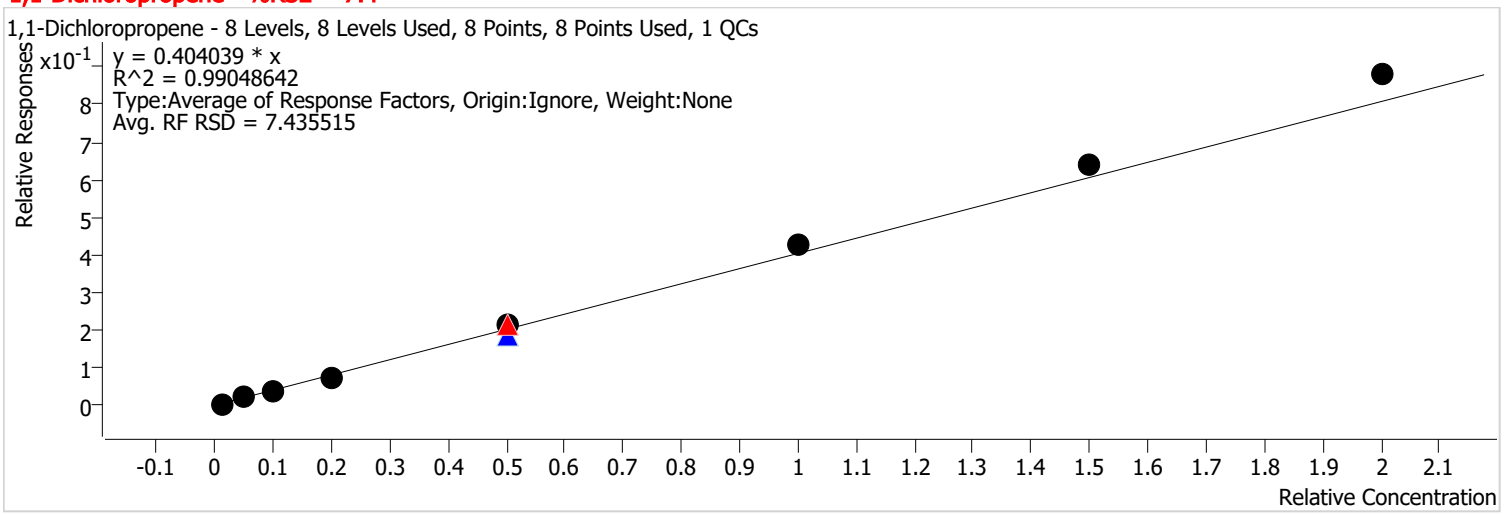
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	16162	12.5000	0.4370	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	31934	25.0000	0.4206	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	64037	50.0000	0.4193	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	177848	125.0000	0.4759	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	164876	125.0000	0.4261	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	177848	125.0000	0.4759	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	368200	250.0000	0.4658	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	548818	375.0000	0.4754	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	736707	500.0000	0.4735	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

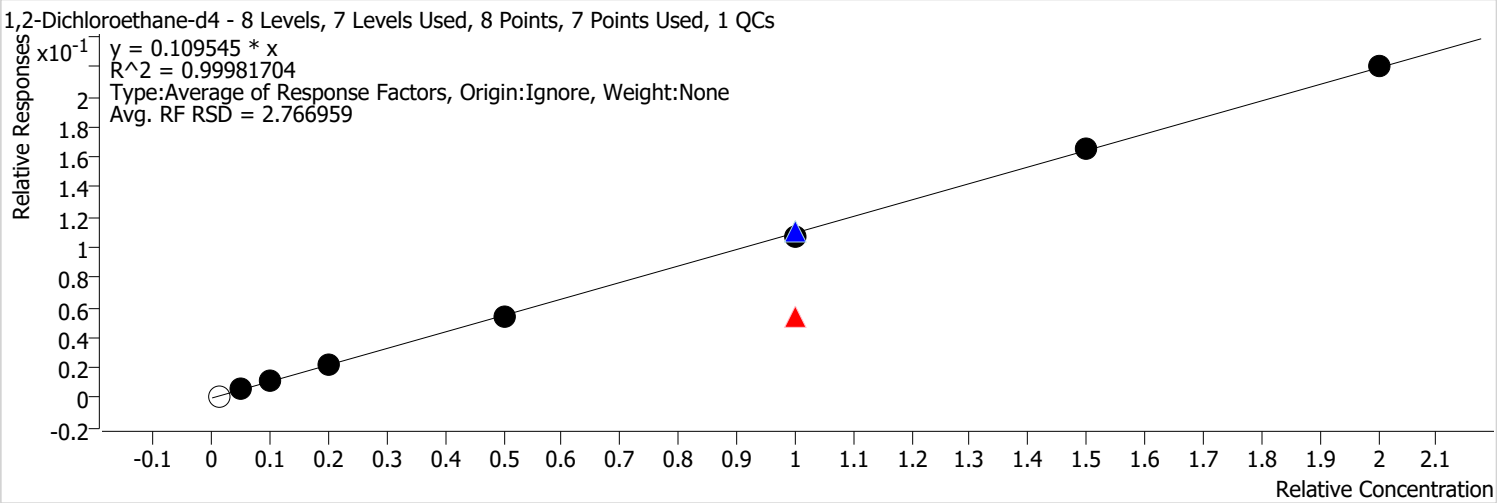
1,1-Dichloropropene %RSE = 7.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	2753	2.5000	0.3738	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	14159	12.5000	0.3828	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	28696	25.0000	0.3780	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	56622	50.0000	0.3707	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	161032	125.0000	0.4309	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	145557	125.0000	0.3762	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	161032	125.0000	0.4309	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	337823	250.0000	0.4274	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	495384	375.0000	0.4291	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	684033	500.0000	0.4396	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 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
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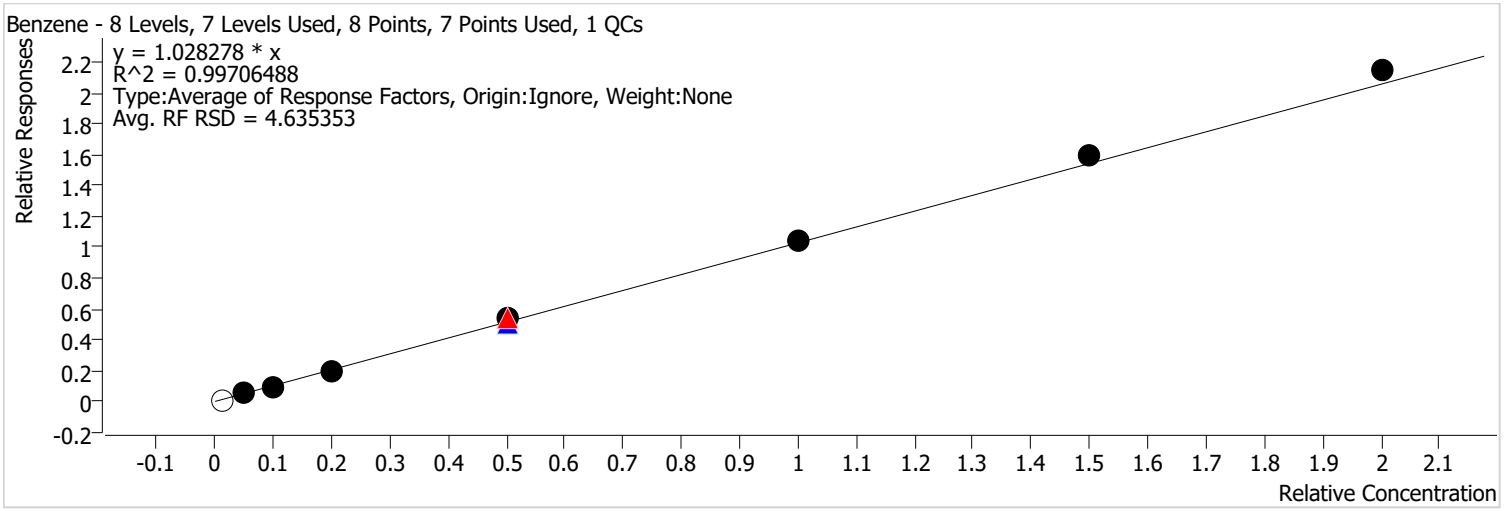
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	4277	12.5000	0.1156	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	8169	25.0000	0.1076	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	16666	50.0000	0.1091	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	39742	125.0000	0.1064	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	39742	250.0000	0.0532	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	85120	250.0000	0.1100	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	85232	250.0000	0.1078	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	127417	375.0000	0.1104	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	171022	500.0000	0.1099	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Benzene %RSE = 4.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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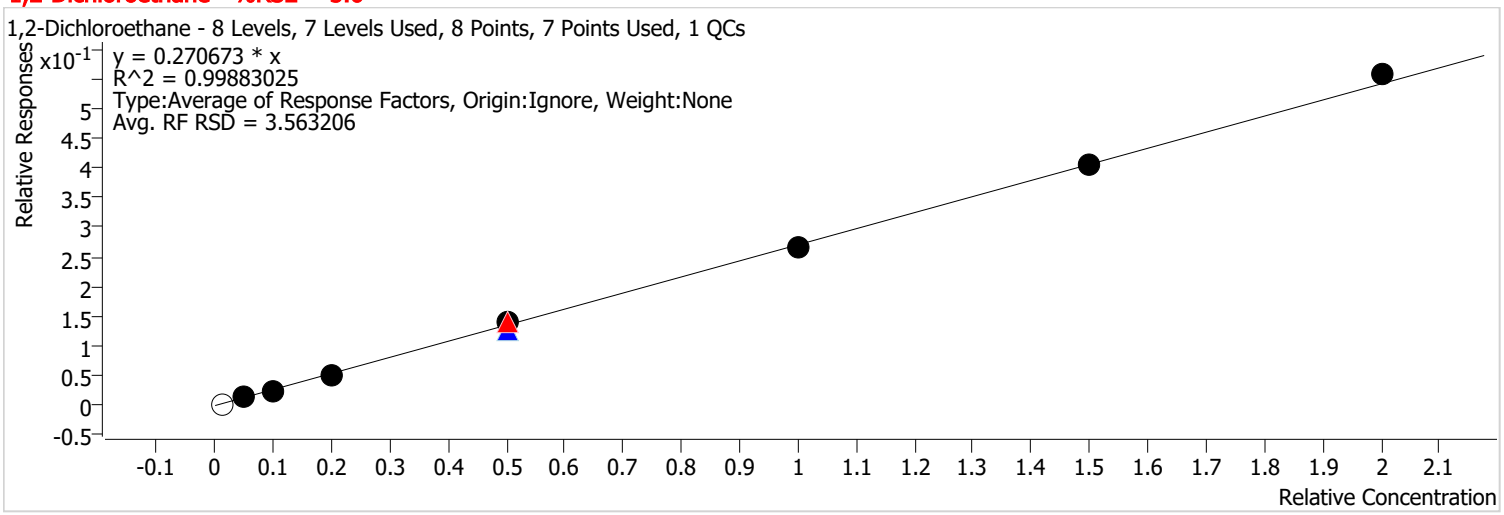
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	36764	12.5000	0.9940	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	75624	25.0000	0.9960	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	145362	50.0000	0.9517	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	400772	125.0000	1.0725	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	386873	125.0000	0.9998	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	400772	125.0000	1.0725	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	826967	250.0000	1.0462	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	1230440	375.0000	1.0658	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	1667430	500.0000	1.0716	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

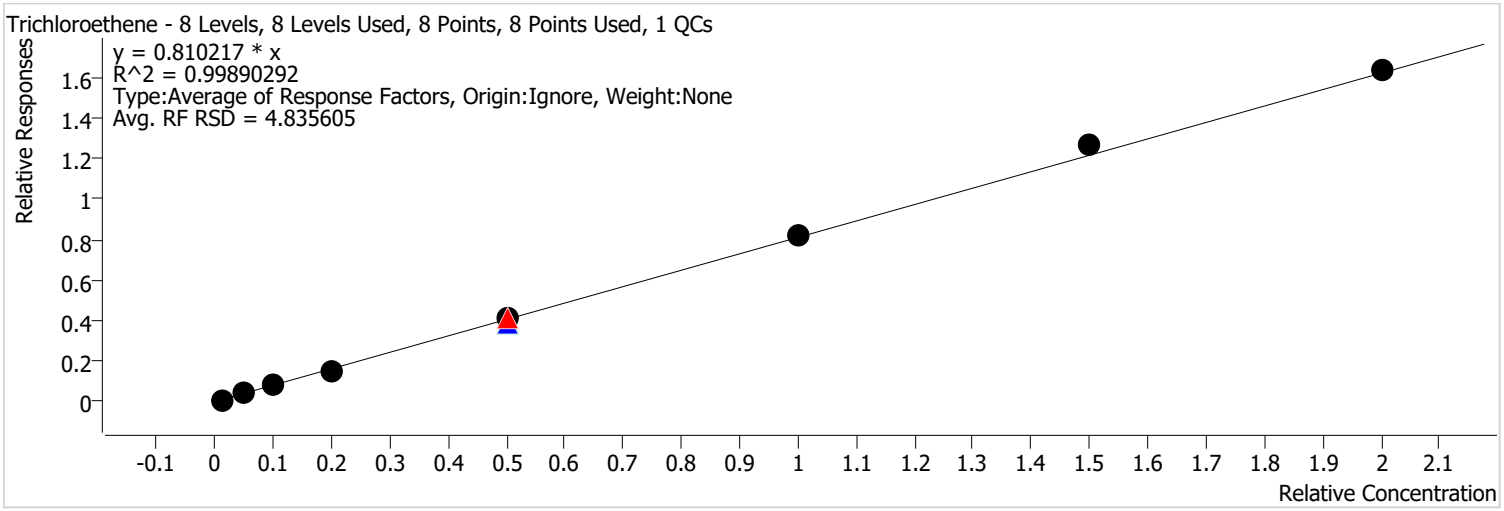
1,2-Dichloroethane %RSE = 3.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		2195	2.5000	0.2981	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	10131	12.5000	0.2739	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	19478	25.0000	0.2565	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	40208	50.0000	0.2633	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	106662	125.0000	0.2854	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	99008	125.0000	0.2559	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	106662	125.0000	0.2854	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	210707	250.0000	0.2666	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	312483	375.0000	0.2707	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	433047	500.0000	0.2783	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Trichloroethene %RSE = 4.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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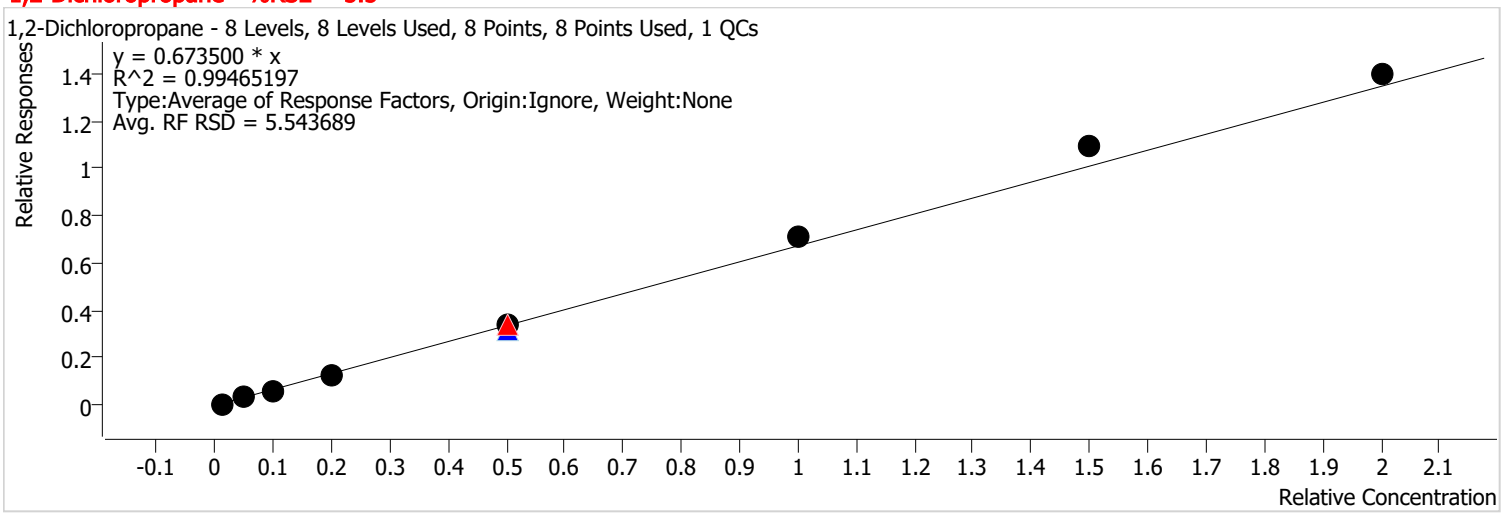
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	11441	12.5000	0.7982	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	22543	25.0000	0.7706	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	43679	50.0000	0.7419	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	119798	125.0000	0.8351	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	112440	125.0000	0.7764	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	119798	125.0000	0.8351	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	240896	250.0000	0.8156	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	362904	375.0000	0.8432	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	484680	500.0000	0.8159	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichloropropane %RSE = 5.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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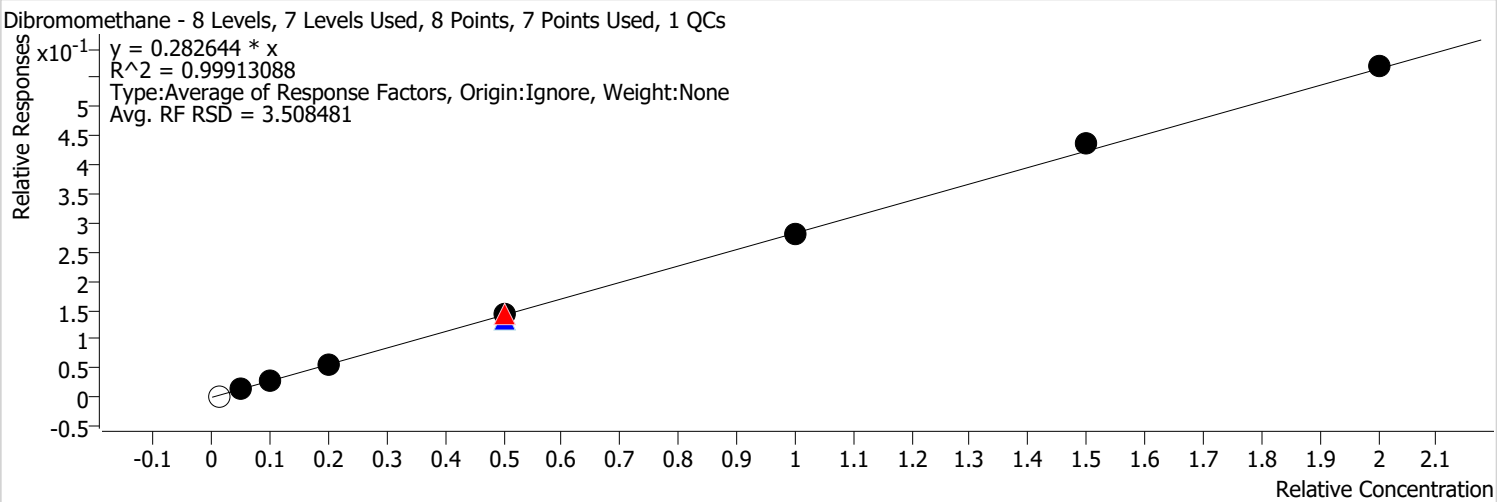
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	18701	25.0000	0.6393	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	38060	50.0000	0.6465	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	99229	125.0000	0.6917	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	92930	125.0000	0.6417	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	99229	125.0000	0.6917	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	209240	250.0000	0.7084	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	313881	375.0000	0.7293	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	414533	500.0000	0.6979	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Dibromomethane %RSE = 3.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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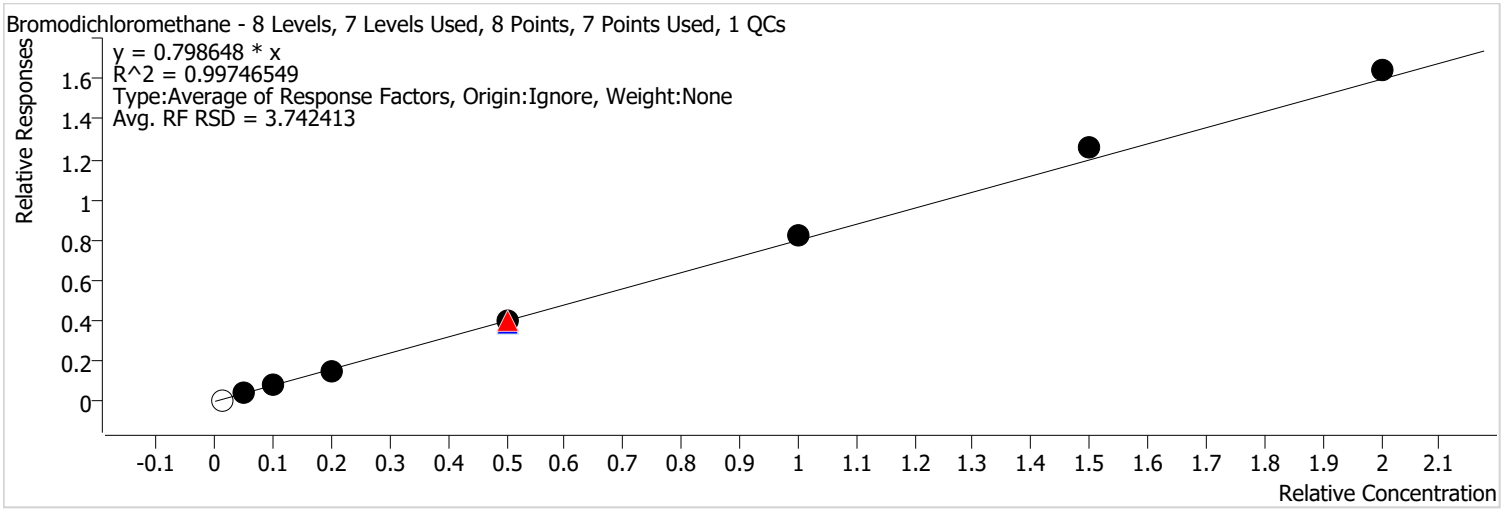
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	7919	25.0000	0.2707	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	15868	50.0000	0.2695	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	40542	125.0000	0.2826	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	38784	125.0000	0.2678	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	40542	125.0000	0.2826	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	83521	250.0000	0.2828	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	125965	375.0000	0.2927	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	168983	500.0000	0.2845	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromodichloromethane %RSE = 3.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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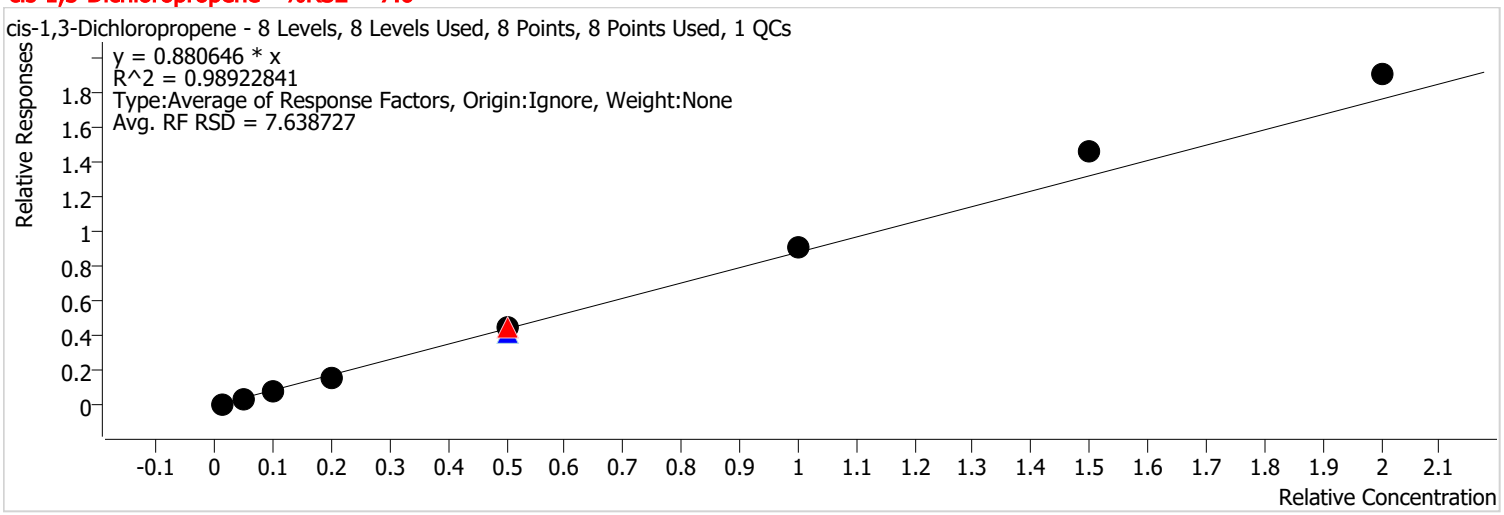
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	11299	12.5000	0.7883	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	22354	25.0000	0.7642	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	44747	50.0000	0.7600	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	114535	125.0000	0.7984	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	112636	125.0000	0.7777	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	114535	125.0000	0.7984	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	242376	250.0000	0.8206	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	361139	375.0000	0.8391	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	487048	500.0000	0.8199	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

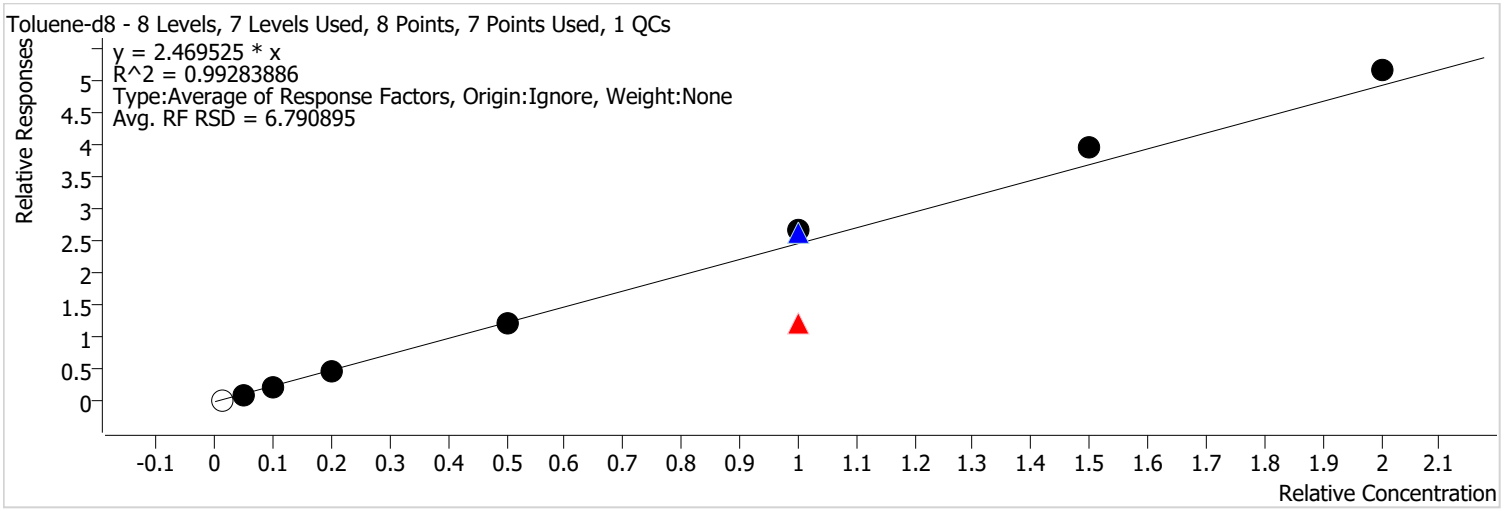
cis-1,3-Dichloropropene %RSE = 7.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	2602	2.5000	0.9061	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	11550	12.5000	0.8058	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	23092	25.0000	0.7894	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	48582	50.0000	0.8252	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	127934	125.0000	0.8918	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	121883	125.0000	0.8416	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	127934	125.0000	0.8918	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	266868	250.0000	0.9035	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	418567	375.0000	0.9726	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	564800	500.0000	0.9508	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

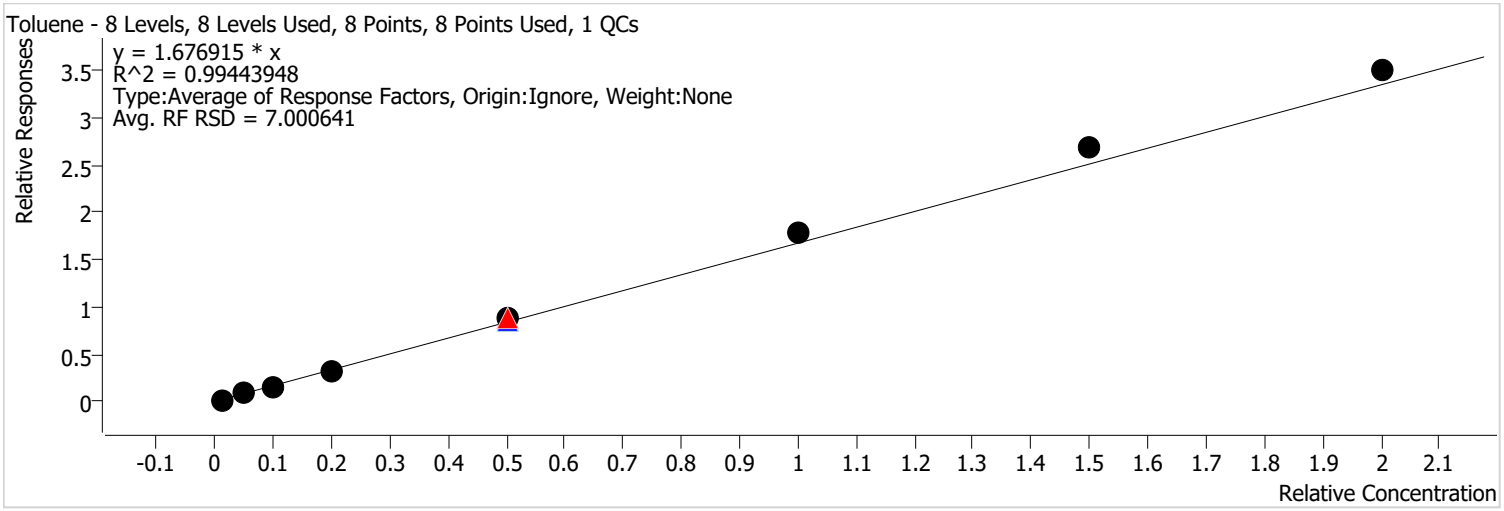
Toluene-d8 %RSE =



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		8251	2.5000	2.8733	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	32967	12.5000	2.2999	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	67526	25.0000	2.3084	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	136282	50.0000	2.3148	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	351426	125.0000	2.4497	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	351426	250.0000	1.2248	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	767248	250.0000	2.6489	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	790910	250.0000	2.6777	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	1141013	375.0000	2.6512	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	1535473	500.0000	2.5849	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

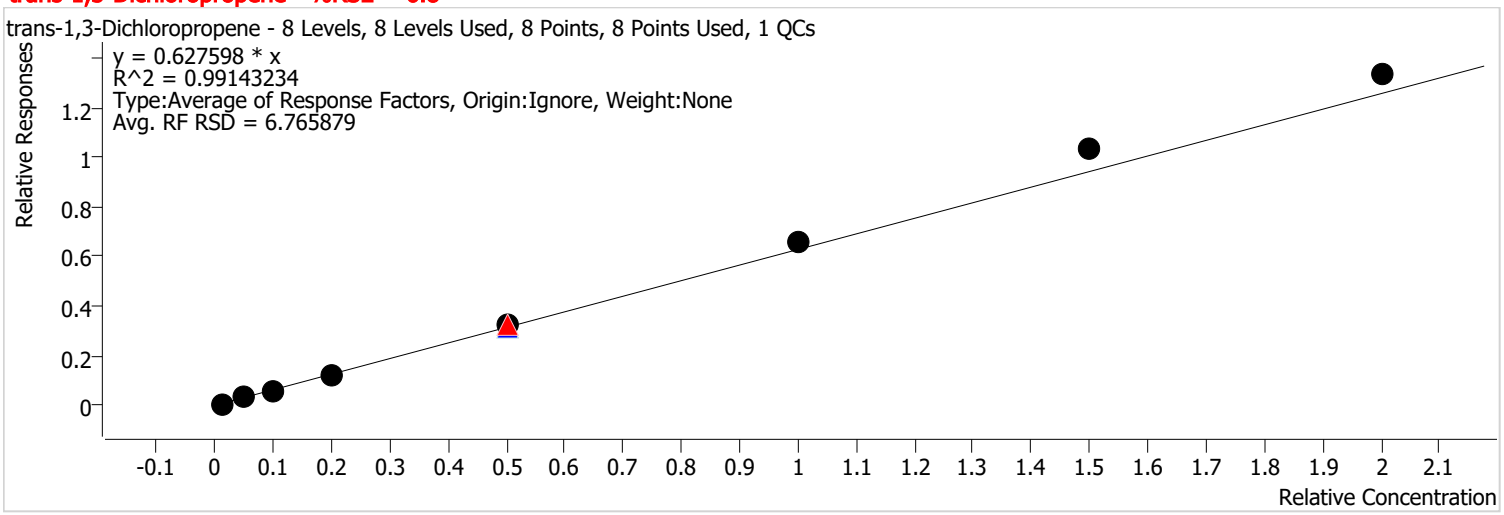
Toluene %RSE = 7.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	4836	2.5000	1.6841	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	22430	12.5000	1.5648	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	43828	25.0000	1.4983	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	92277	50.0000	1.5674	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	254470	125.0000	1.7738	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	244858	125.0000	1.6907	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	254470	125.0000	1.7738	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	524056	250.0000	1.7743	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	775412	375.0000	1.8017	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	1040116	500.0000	1.7510	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

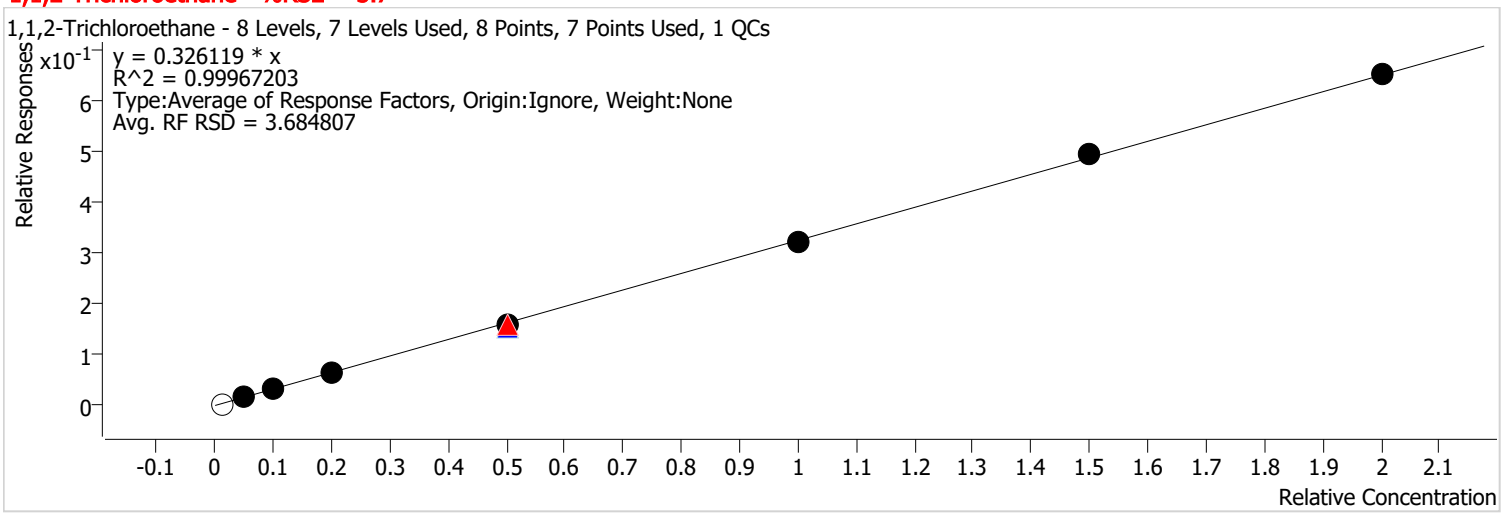
trans-1,3-Dichloropropene %RSE = 6.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	1711	2.5000	0.5959	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	8620	12.5000	0.6014	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	16871	25.0000	0.5767	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	34534	50.0000	0.5866	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	92291	125.0000	0.6433	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	90360	125.0000	0.6239	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	92291	125.0000	0.6433	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	195690	250.0000	0.6625	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	296505	375.0000	0.6890	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	395242	500.0000	0.6654	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

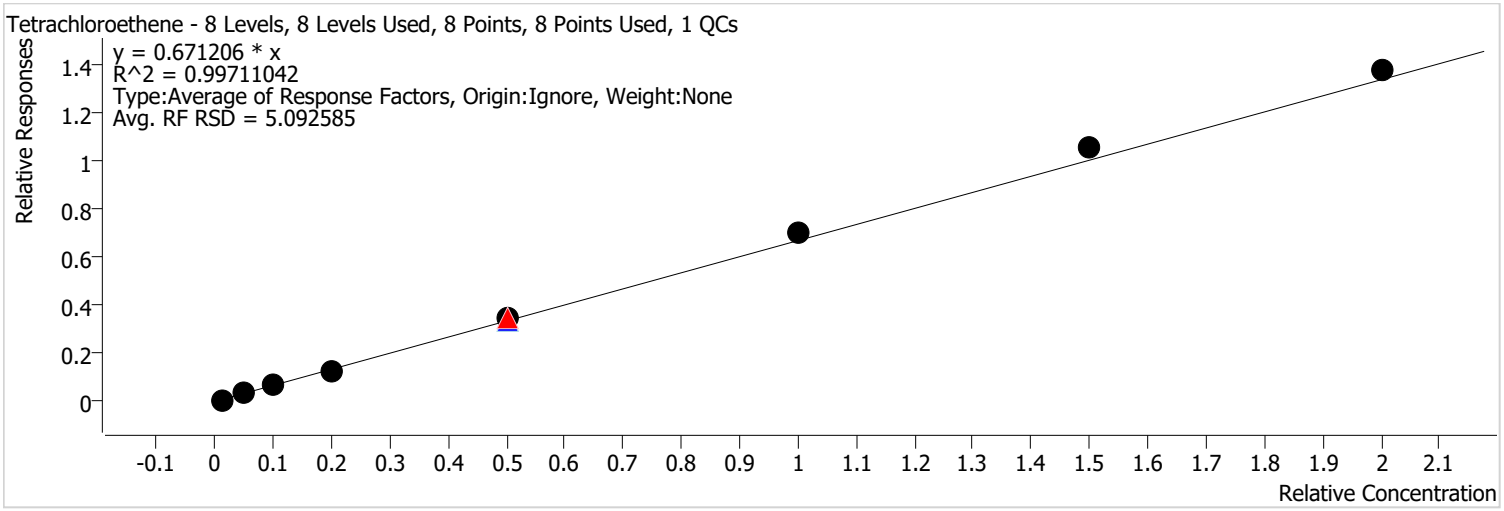
1,1,2-Trichloroethane %RSE = 3.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		960	2.5000	0.3343	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	5002	12.5000	0.3490	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	9102	25.0000	0.3112	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	18795	50.0000	0.3192	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	46287	125.0000	0.3227	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	45053	125.0000	0.3111	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	46287	125.0000	0.3227	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	95025	250.0000	0.3217	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	143137	375.0000	0.3326	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	193954	500.0000	0.3265	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

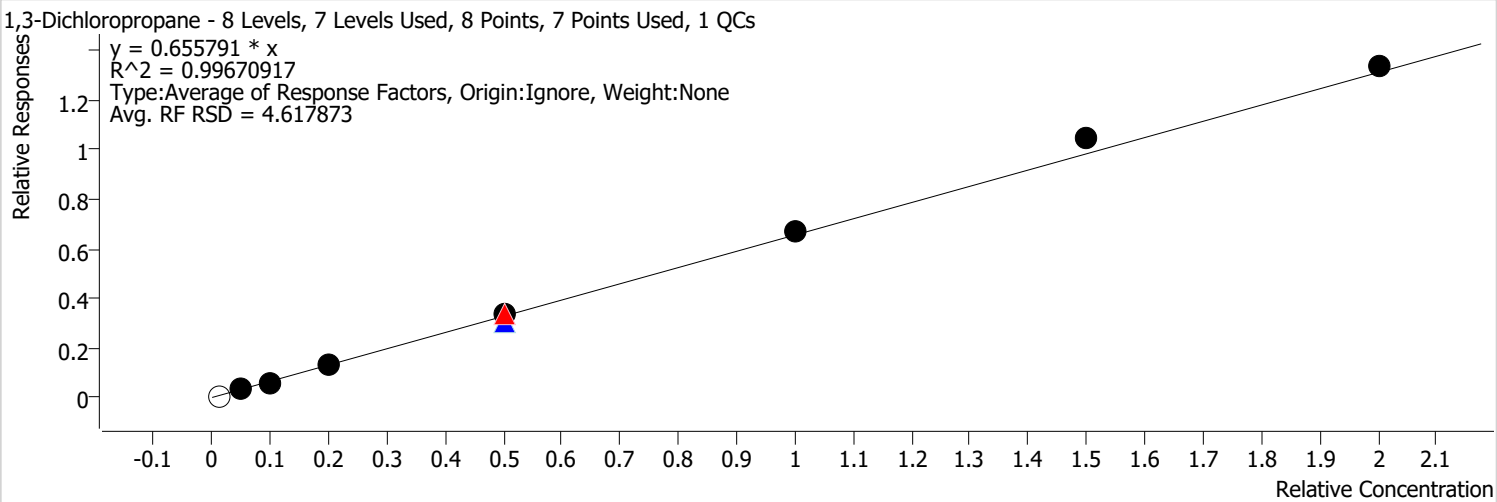
Tetrachloroethene %RSE = 5.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	1932	2.5000	0.6728	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	8981	12.5000	0.6266	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	19131	25.0000	0.6540	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	36513	50.0000	0.6202	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	99780	125.0000	0.6955	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	98626	125.0000	0.6810	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	99780	125.0000	0.6955	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	207869	250.0000	0.7038	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	304306	375.0000	0.7071	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	409731	500.0000	0.6898	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

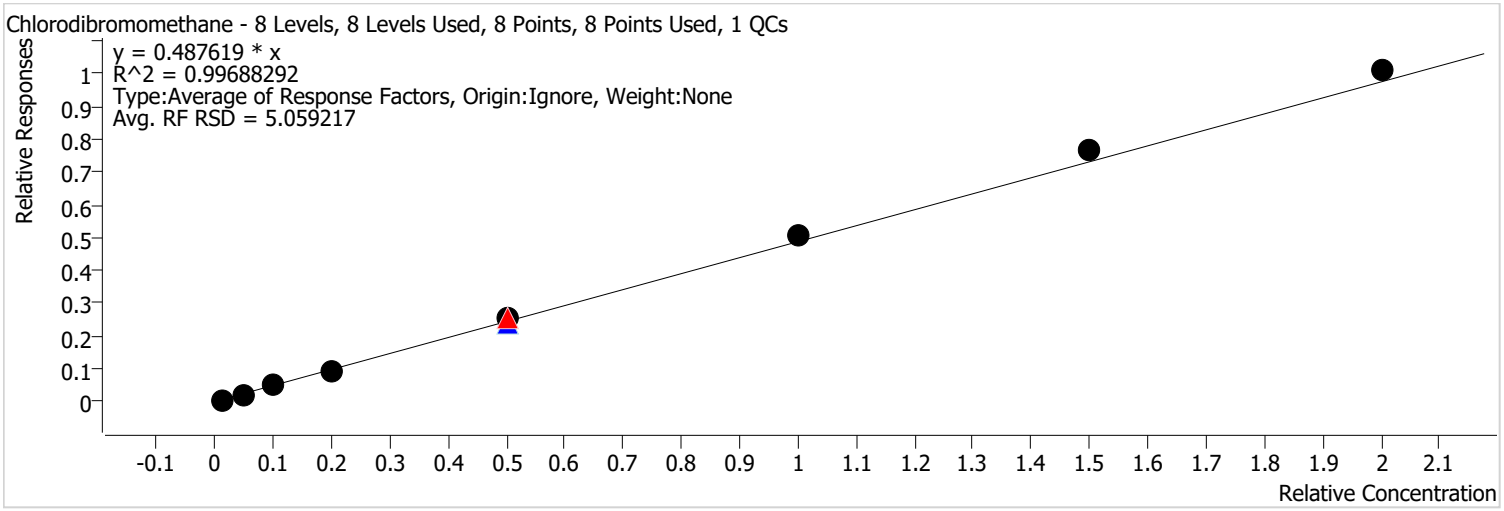
1,3-Dichloropropane %RSE = 4.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		1951	2.5000	0.6794	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	9332	12.5000	0.6510	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	17660	25.0000	0.6037	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	37433	50.0000	0.6358	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	95269	125.0000	0.6641	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	89323	125.0000	0.6168	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	95269	125.0000	0.6641	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	197255	250.0000	0.6678	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	301587	375.0000	0.7008	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	396379	500.0000	0.6673	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:35 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

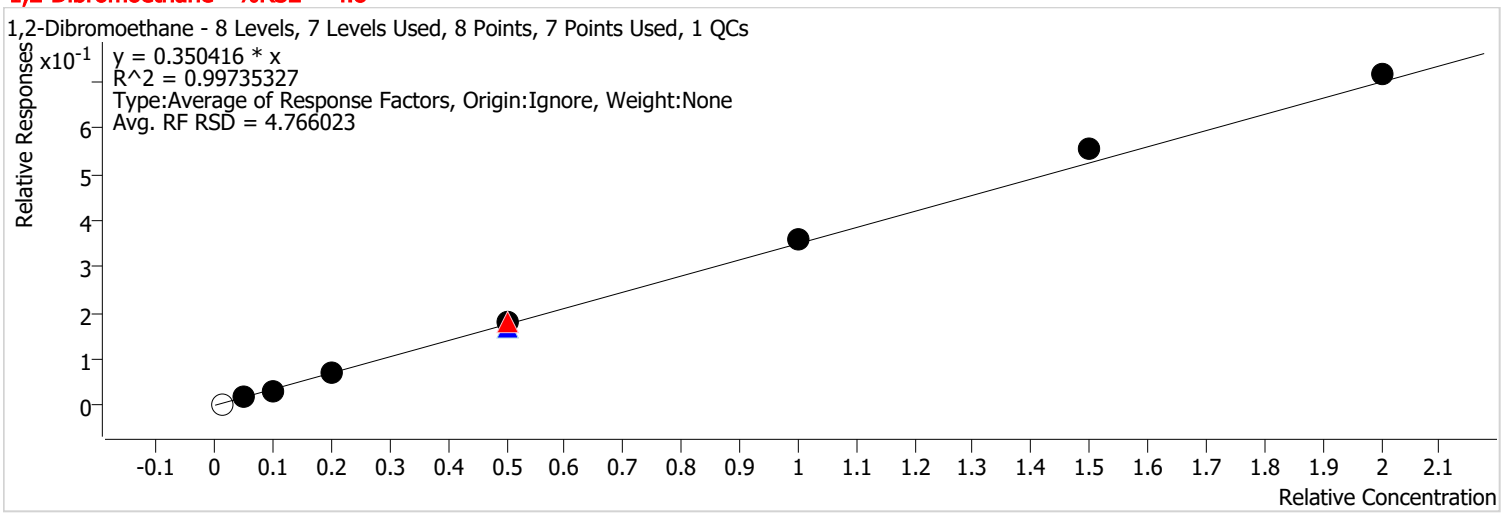
Chlorodibromomethane %RSE = 5.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	1395	2.5000	0.4858	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	6385	12.5000	0.4454	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	13869	25.0000	0.4741	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	27290	50.0000	0.4635	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	72490	125.0000	0.5053	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	68540	125.0000	0.4733	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	72490	125.0000	0.5053	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	150247	250.0000	0.5087	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	221034	375.0000	0.5136	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	299672	500.0000	0.5045	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dibromoethane %RSE = 4.8



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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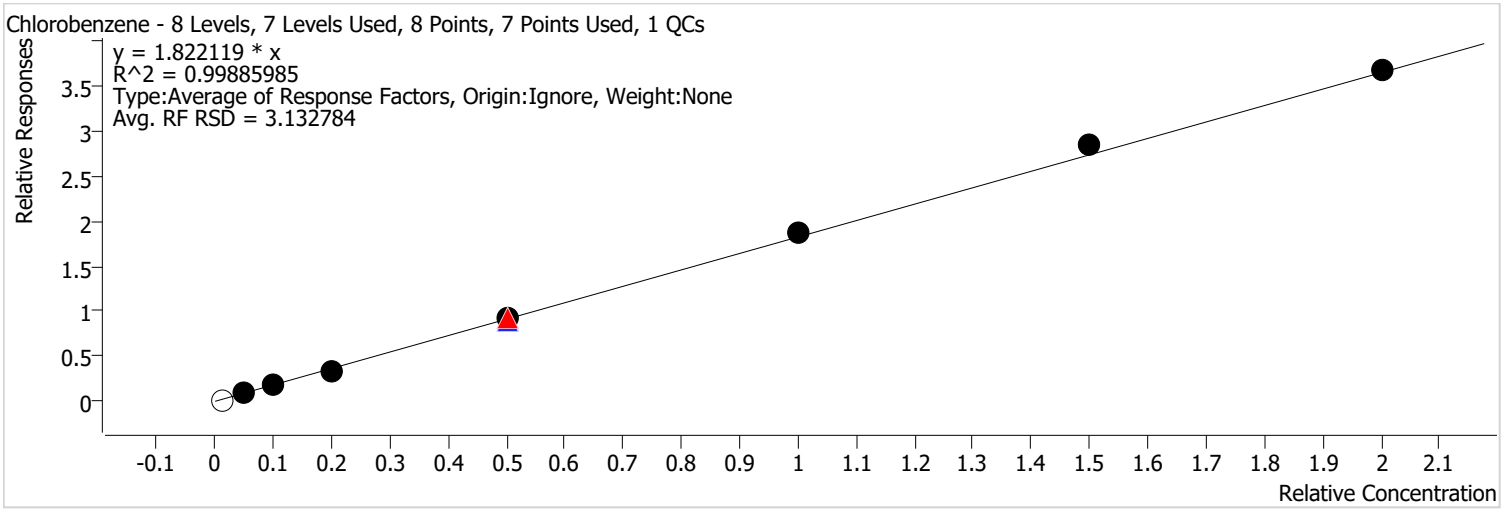
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	4912	12.5000	0.3427	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	9348	25.0000	0.3196	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	20209	50.0000	0.3433	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	51661	125.0000	0.3601	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	48660	125.0000	0.3360	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	51661	125.0000	0.3601	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	106076	250.0000	0.3591	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	159181	375.0000	0.3699	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	212831	500.0000	0.3583	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Chlorobenzene %RSE = 3.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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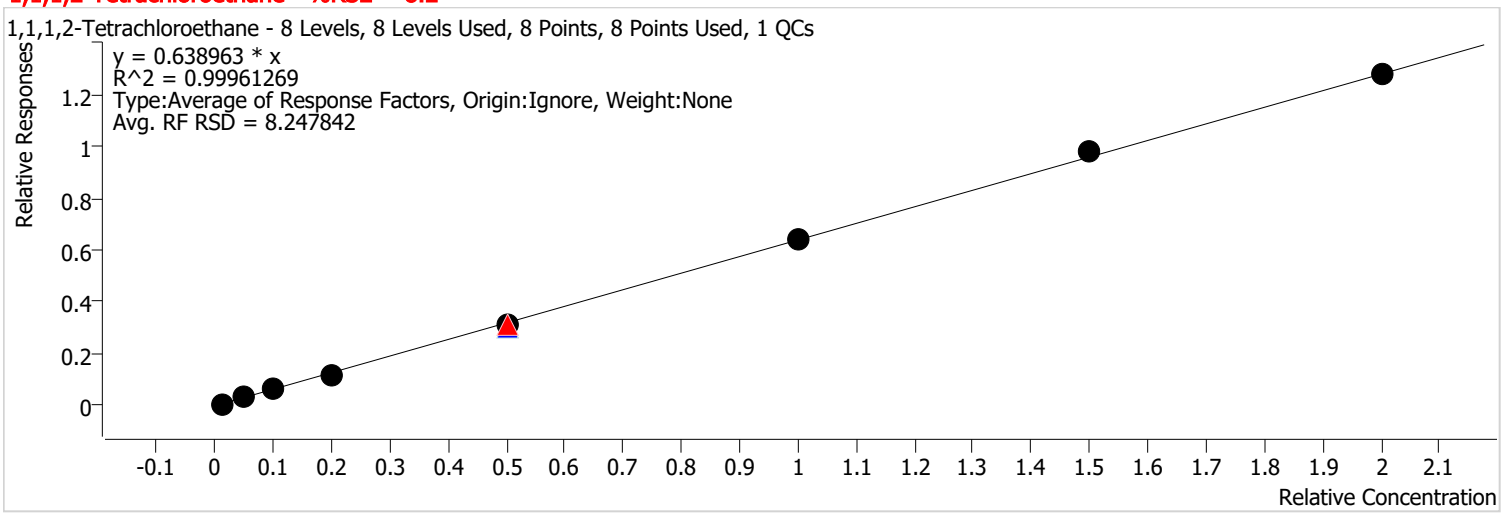
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	26333	12.5000	1.8371	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	52001	25.0000	1.7777	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	101210	50.0000	1.7191	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	263399	125.0000	1.8361	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	261940	125.0000	1.8087	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	263399	125.0000	1.8361	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	549254	250.0000	1.8596	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	814730	375.0000	1.8931	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	1088372	500.0000	1.8322	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

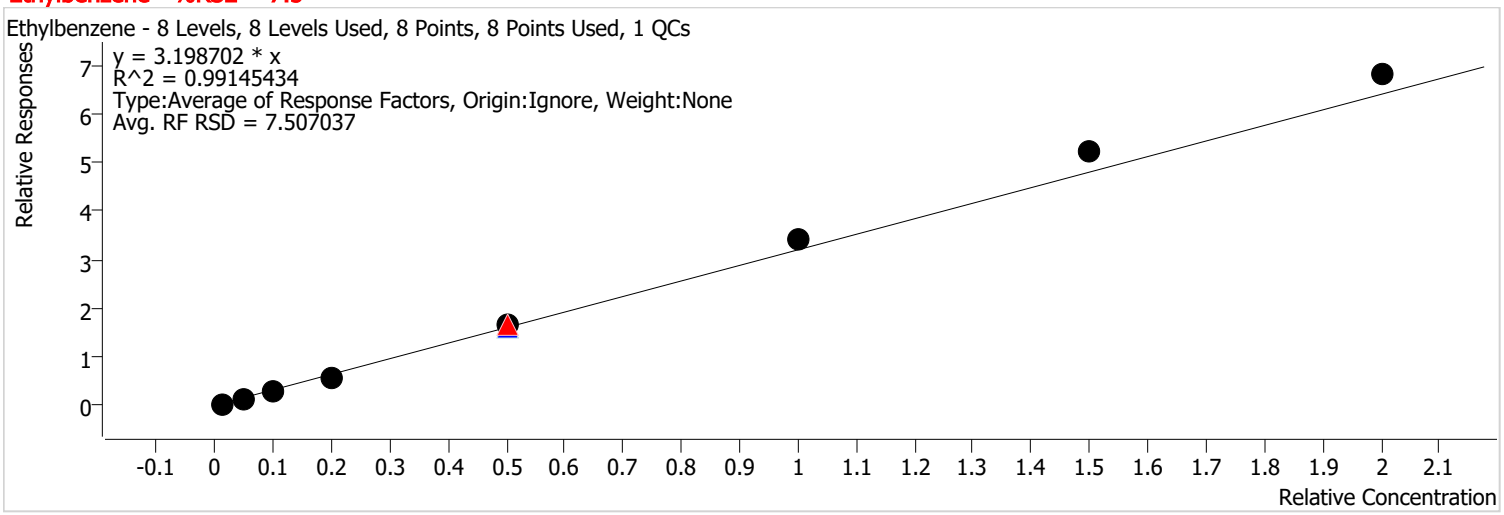
1,1,1,2-Tetrachloroethane %RSE = 8.2



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	2174	2.5000	0.7571	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	8710	12.5000	0.6076	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	17770	25.0000	0.6075	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	34336	50.0000	0.5832	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	89568	125.0000	0.6243	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	87226	125.0000	0.6023	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	89568	125.0000	0.6243	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	189520	250.0000	0.6416	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	280946	375.0000	0.6528	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	378695	500.0000	0.6375	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

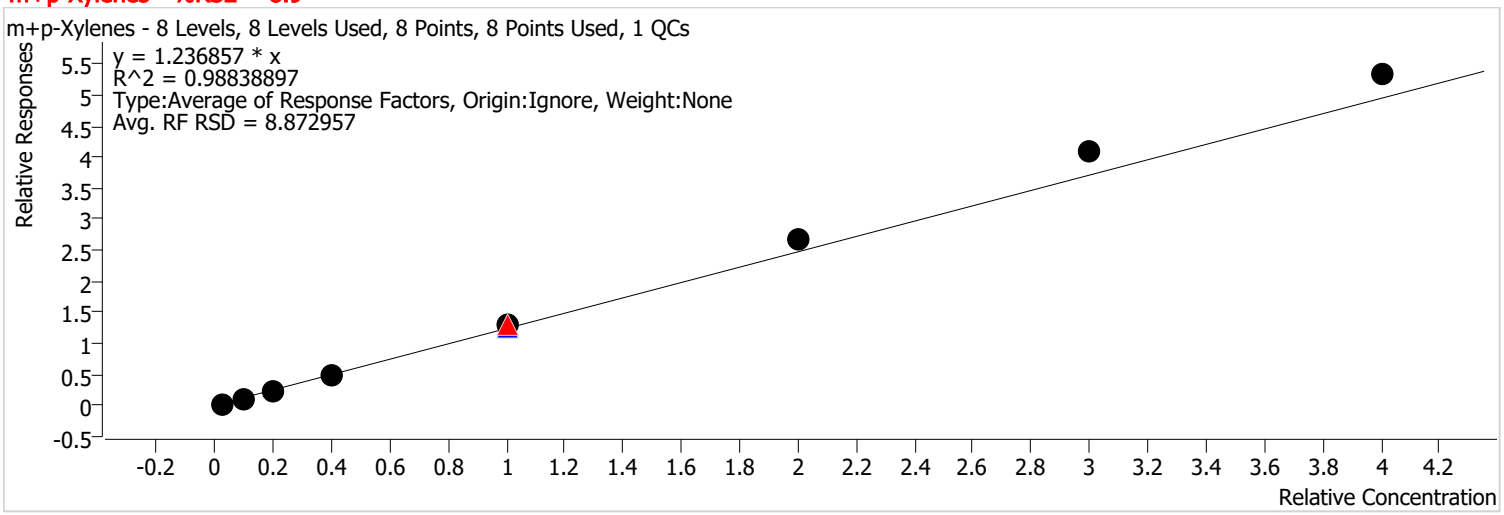
Ethylbenzene %RSE = 7.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	8849	2.5000	3.0815	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	41888	12.5000	2.9223	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	88083	25.0000	3.0111	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	171436	50.0000	2.9119	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	483126	125.0000	3.3677	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	467853	125.0000	3.2305	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	483126	125.0000	3.3677	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	1006830	250.0000	3.4088	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	1500749	375.0000	3.4871	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	2019160	500.0000	3.3992	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

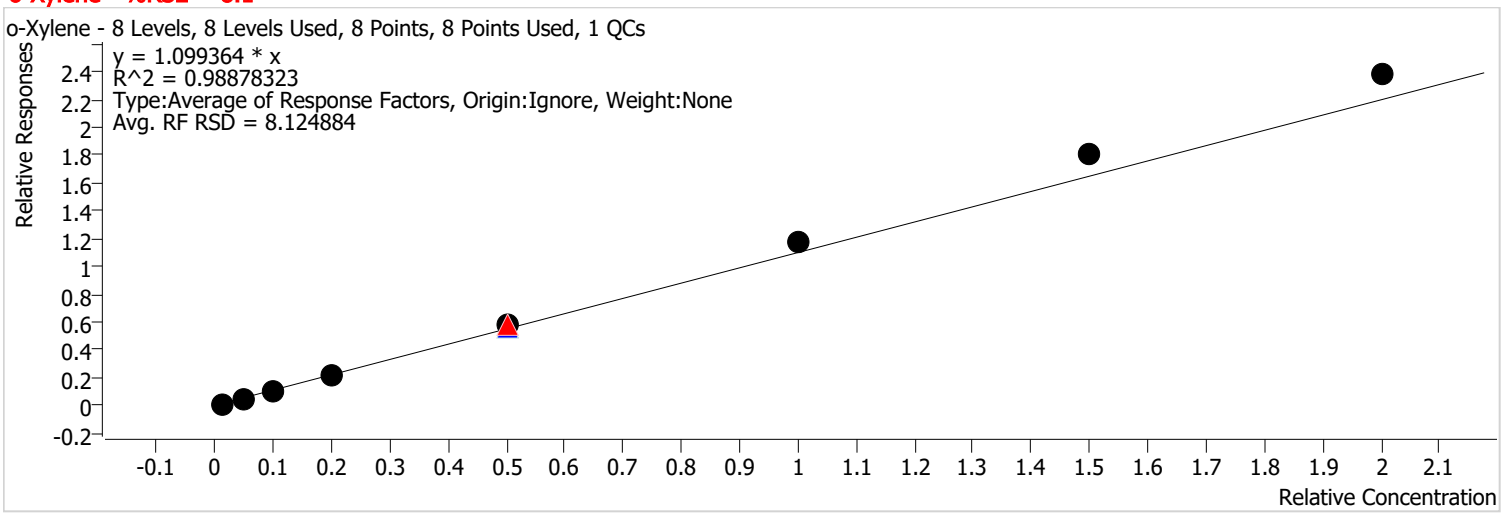
m+p-Xylenes %RSE = 8.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	6562	5.0000	1.1426	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	31957	25.0000	1.1147	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	65649	50.0000	1.1221	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	137005	100.0000	1.1635	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	378008	250.0000	1.3175	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	359316	250.0000	1.2405	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	378008	250.0000	1.3175	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	791981	500.0000	1.3407	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	1172495	750.0000	1.3622	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	1581934	1000.0000	1.3316	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

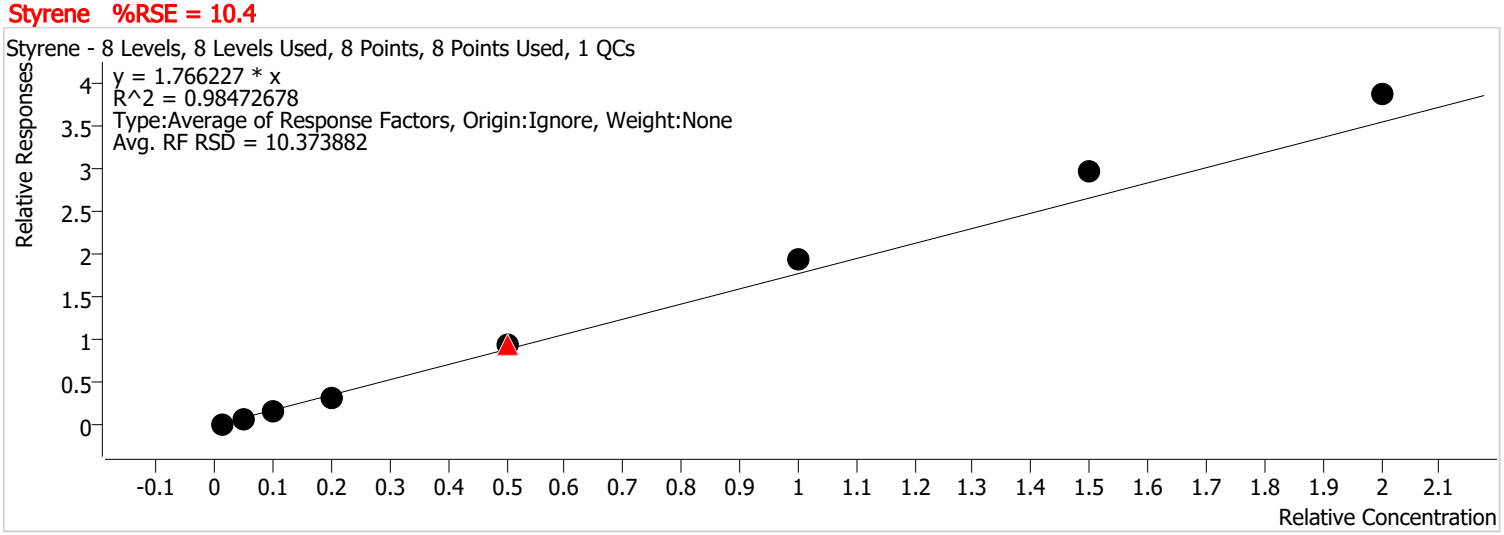
o-Xylene %RSE = 8.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	3018	2.5000	1.0510	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	14074	12.5000	0.9819	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	29255	25.0000	1.0001	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	61676	50.0000	1.0476	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	164133	125.0000	1.1441	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	162971	125.0000	1.1253	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	164133	125.0000	1.1441	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	347166	250.0000	1.1754	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	518941	375.0000	1.2058	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	706346	500.0000	1.1891	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Styrene %RSE = 10.4



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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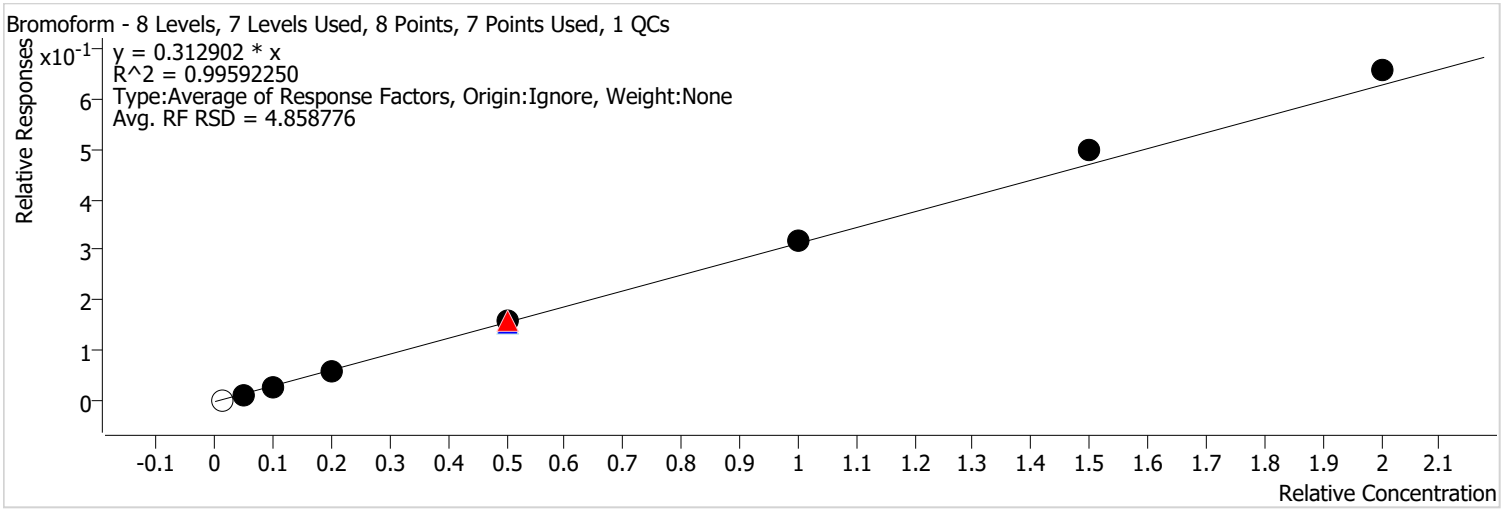
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	22486	12.5000	1.5687	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	46987	25.0000	1.6063	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	97666	50.0000	1.6589	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	273687	125.0000	1.9078	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	268834	125.0000	1.8563	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	273687	125.0000	1.9078	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	570316	250.0000	1.9309	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	849137	375.0000	1.9730	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	1144210	500.0000	1.9262	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

Bromoform %RSE = 4.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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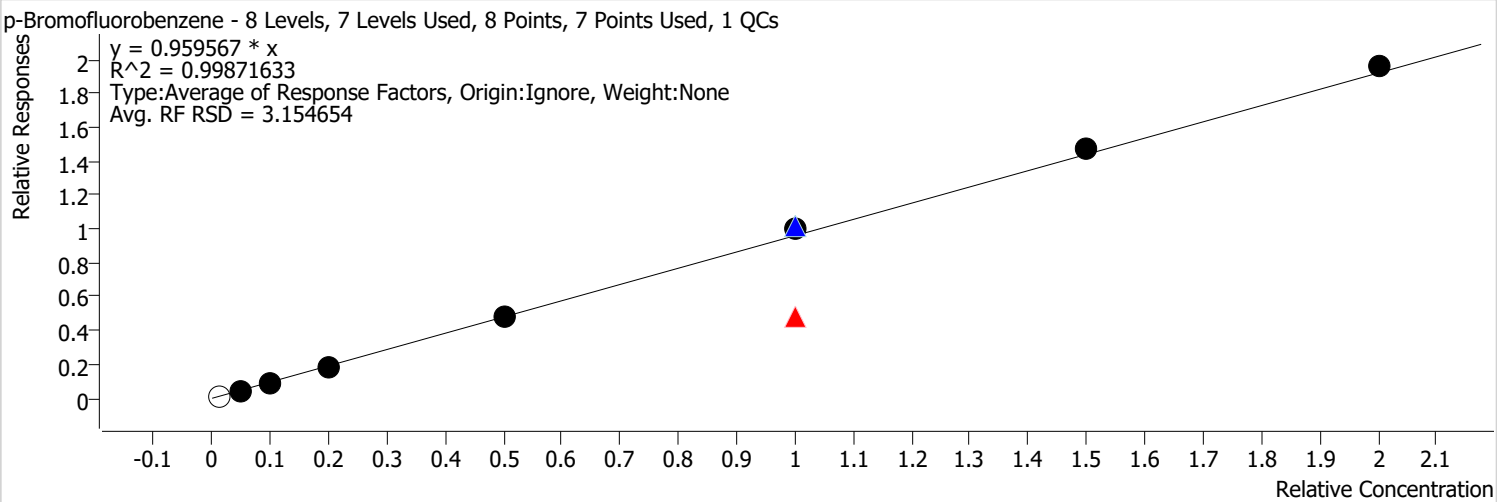
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	3204	12.5000	0.2894	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	6879	25.0000	0.3000	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	14046	50.0000	0.3045	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	36556	125.0000	0.3214	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	36301	125.0000	0.3100	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	36556	125.0000	0.3214	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	77065	250.0000	0.3178	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	118688	375.0000	0.3302	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	159526	500.0000	0.3272	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 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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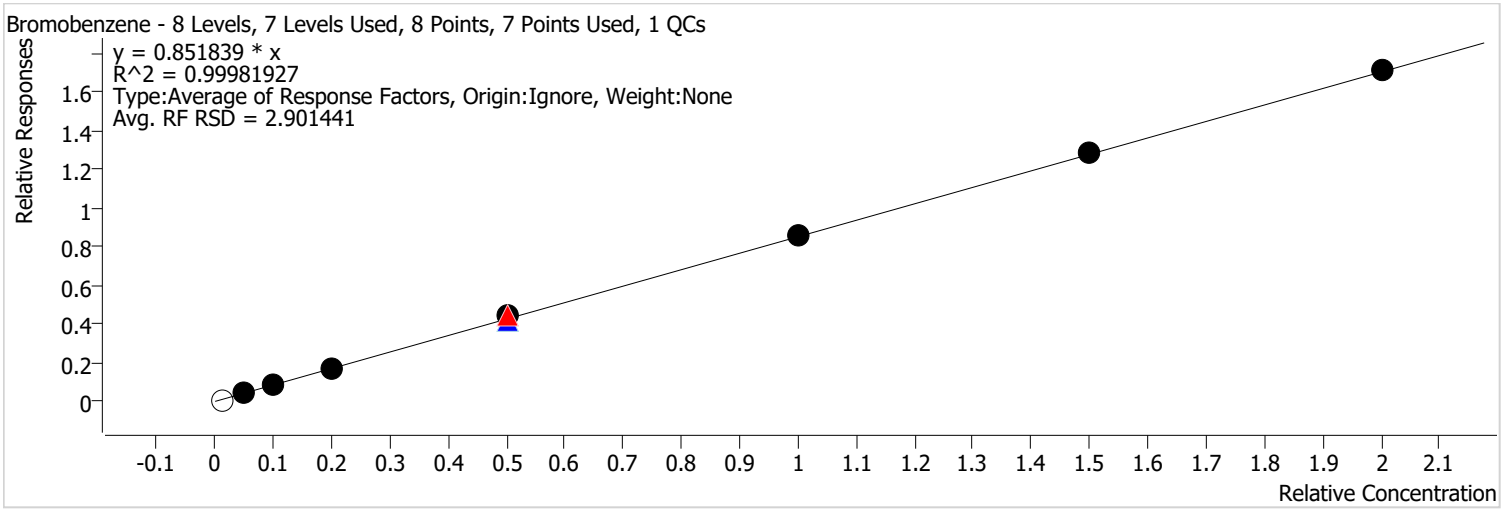
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	10650	12.5000	0.9619	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	21095	25.0000	0.9200	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	42413	50.0000	0.9194	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	108797	125.0000	0.9564	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	108797	250.0000	0.4782	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	236947	250.0000	1.0119	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	241205	250.0000	0.9945	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	354768	375.0000	0.9869	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	476792	500.0000	0.9779	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

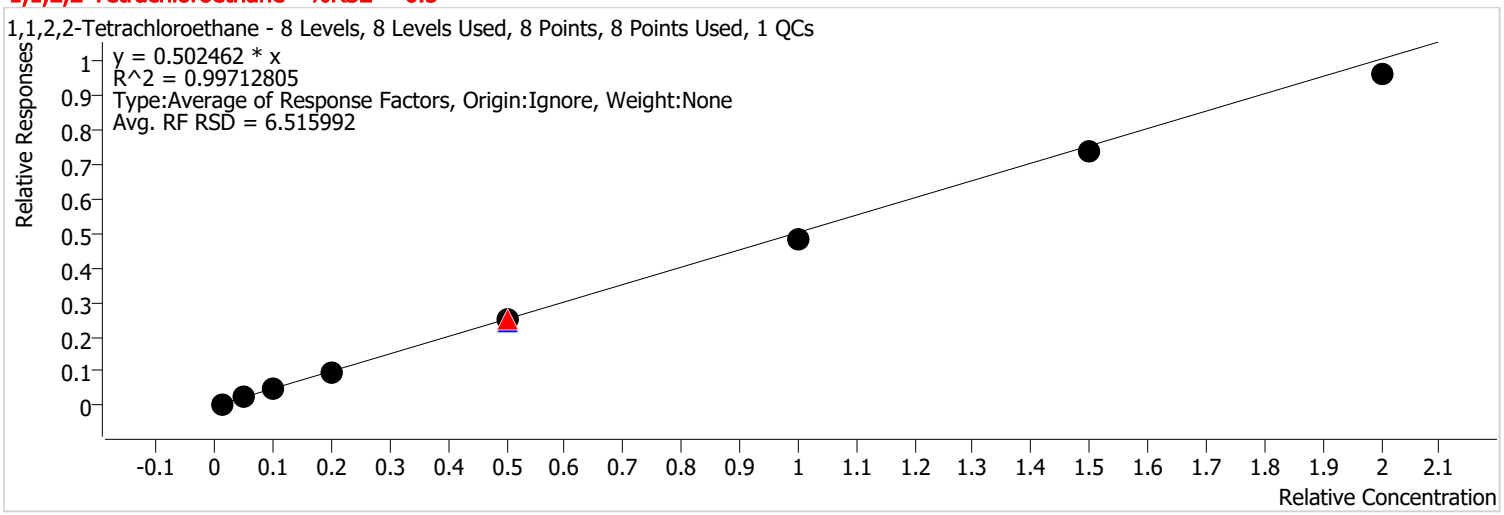
Bromobenzene %RSE = 2.9



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1		1792	2.5000	0.8376	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	9106	12.5000	0.8225	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	20015	25.0000	0.8729	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	37601	50.0000	0.8151	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	100372	125.0000	0.8823	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	98174	125.0000	0.8385	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	100372	125.0000	0.8823	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	207720	250.0000	0.8565	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	308707	375.0000	0.8588	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	416834	500.0000	0.8549	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

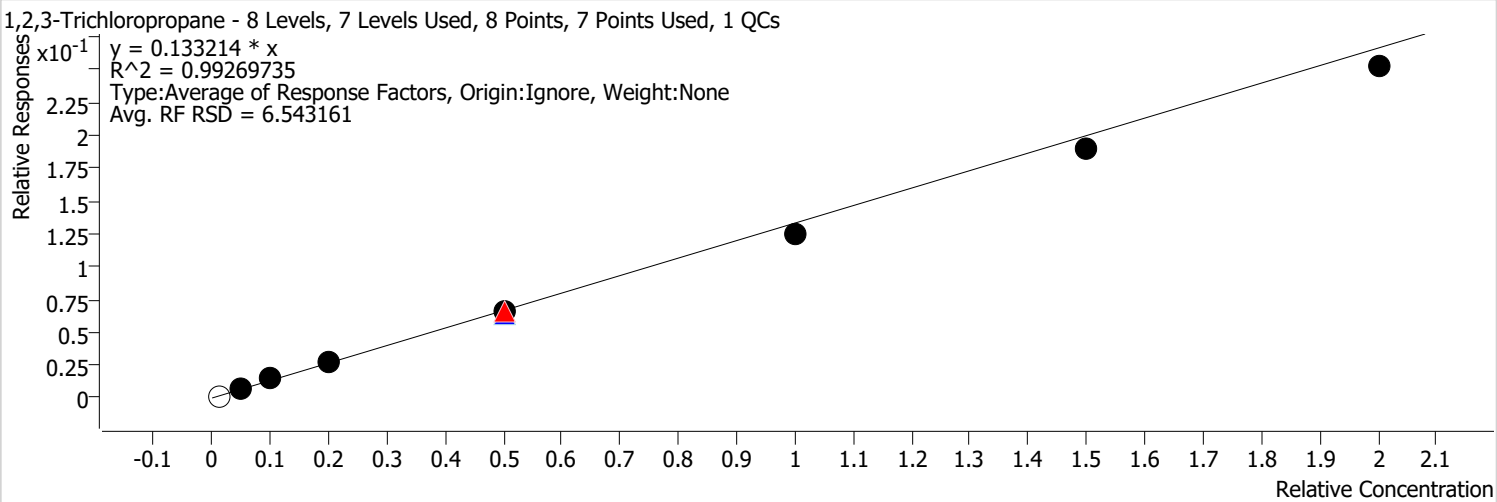
1,1,2,2-Tetrachloroethane %RSE = 6.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	1245	2.5000	0.5819	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	5485	12.5000	0.4954	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	11488	25.0000	0.5010	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	22567	50.0000	0.4892	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	56301	125.0000	0.4949	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	56064	125.0000	0.4788	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	56301	125.0000	0.4949	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	117955	250.0000	0.4863	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	176611	375.0000	0.4913	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	233853	500.0000	0.4796	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2,3-Trichloropropane %RSE = 6.5



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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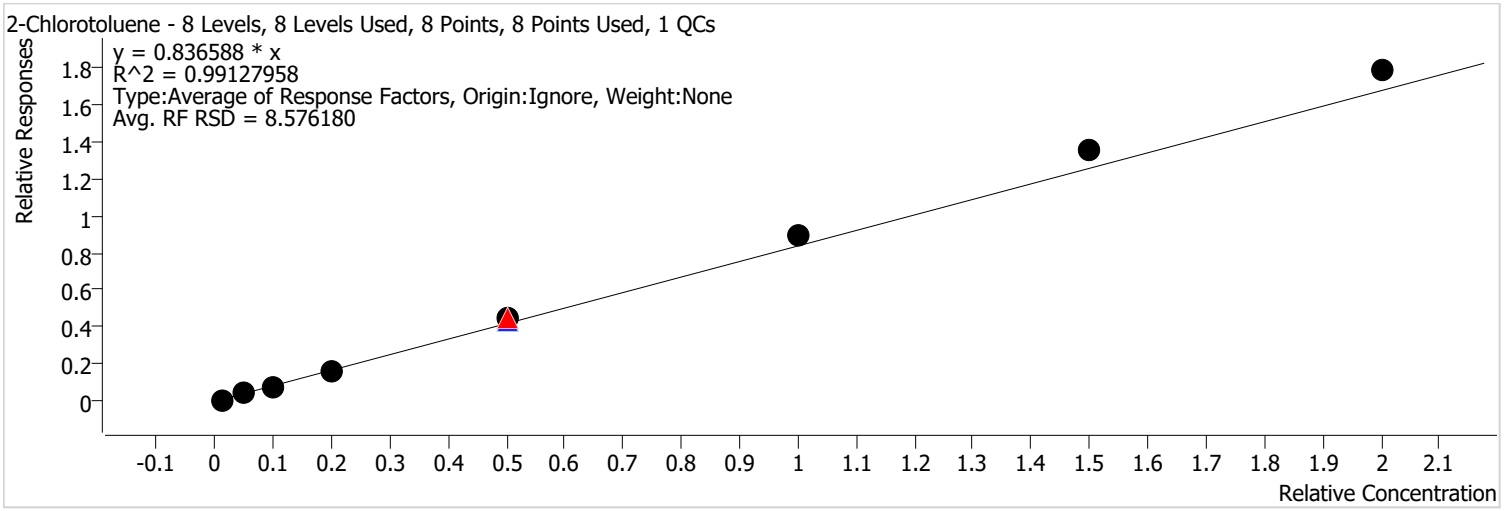
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	3343	25.0000	0.1458	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	6317	50.0000	0.1369	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	14804	125.0000	0.1301	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	15099	125.0000	0.1290	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	14804	125.0000	0.1301	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	30123	250.0000	0.1242	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	45431	375.0000	0.1264	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	61471	500.0000	0.1261	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

2-Chlorotoluene %RSE = 8.6



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	1628	2.5000	0.7608	
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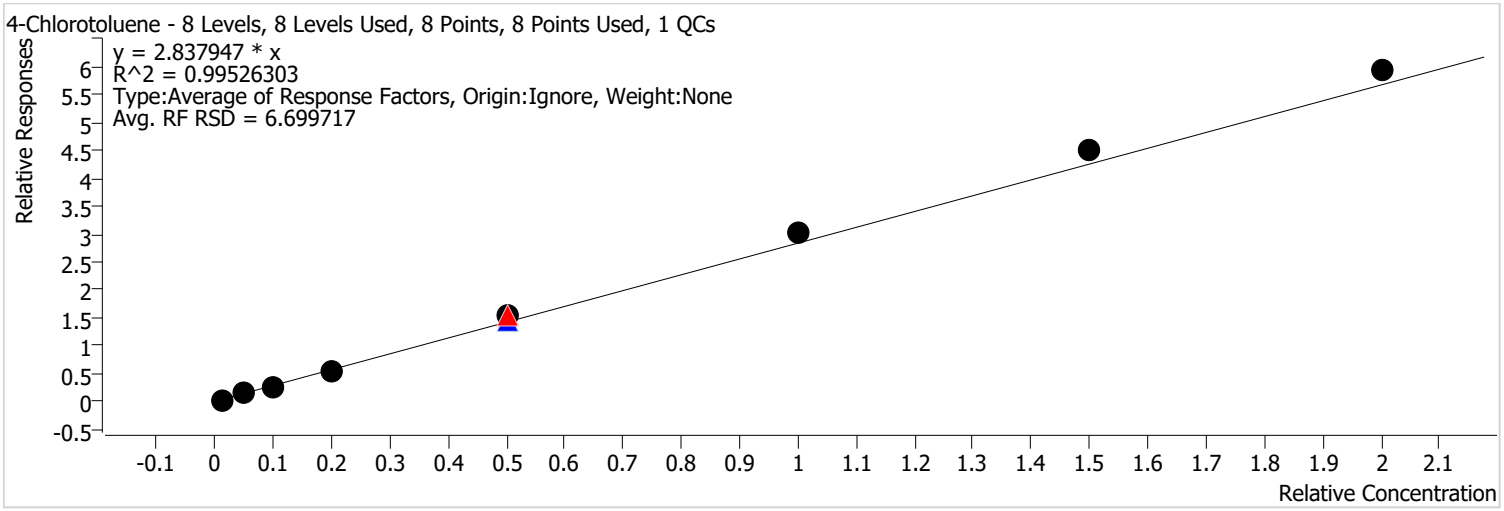
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	17111	25.0000	0.7462	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	36984	50.0000	0.8017	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	103599	125.0000	0.9107	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	102457	125.0000	0.8751	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	103599	125.0000	0.9107	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	218251	250.0000	0.8999	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	326022	375.0000	0.9069	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	433941	500.0000	0.8900	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

4-Chlorotoluene %RSE = 6.7



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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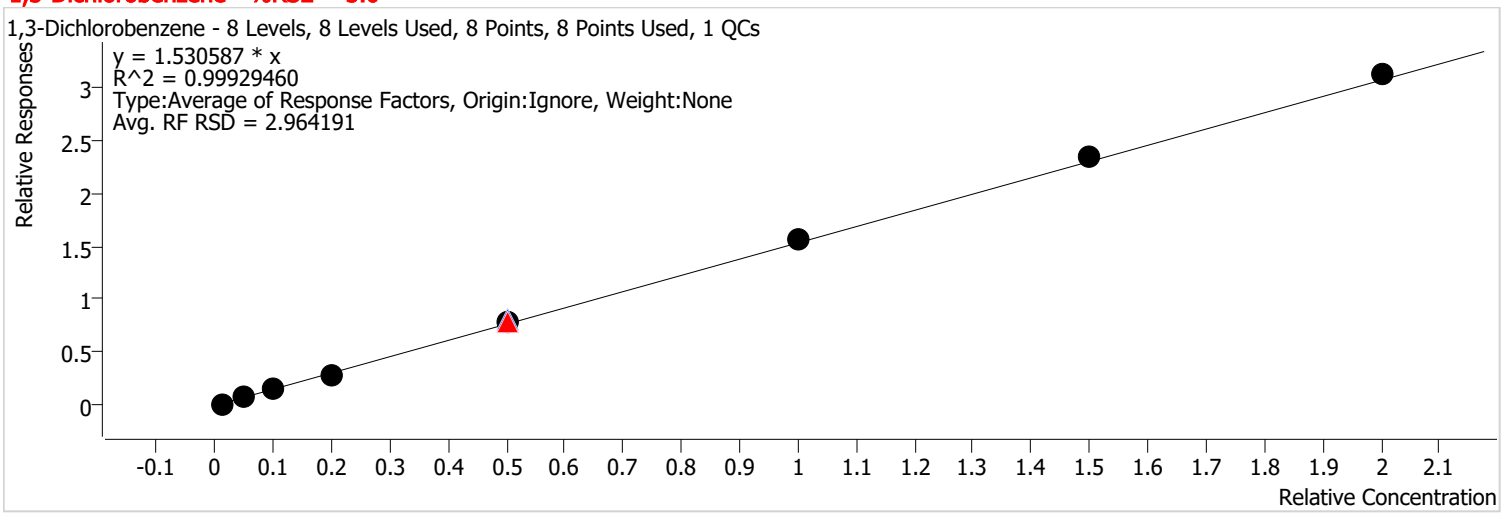
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	60727	25.0000	2.6484	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	124548	50.0000	2.6999	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	348632	125.0000	3.0647	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	343501	125.0000	2.9338	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	348632	125.0000	3.0647	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	730044	250.0000	3.0101	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	1078848	375.0000	3.0011	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	1445615	500.0000	2.9648	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:36 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

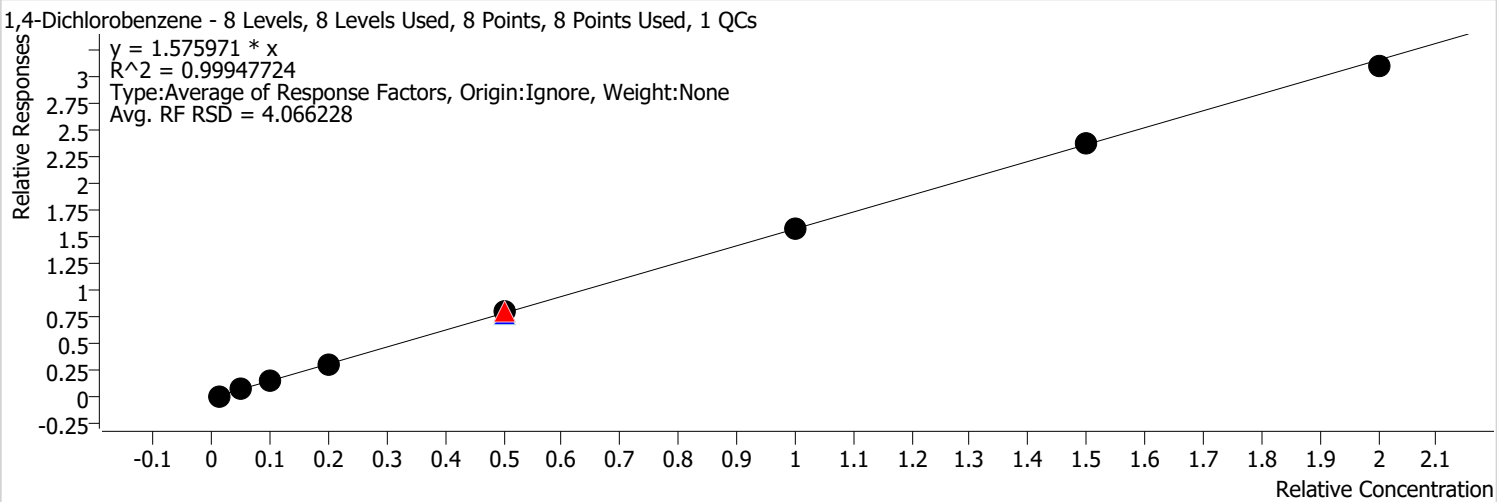
1,3-Dichlorobenzene %RSE = 3.0



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	3306	2.5000	1.5455	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	16804	12.5000	1.5177	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	33563	25.0000	1.4637	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	67416	50.0000	1.4614	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	179419	125.0000	1.5772	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	187372	125.0000	1.6003	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	179419	125.0000	1.5772	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	377782	250.0000	1.5577	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	562743	375.0000	1.5654	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	758680	500.0000	1.5560	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:37 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

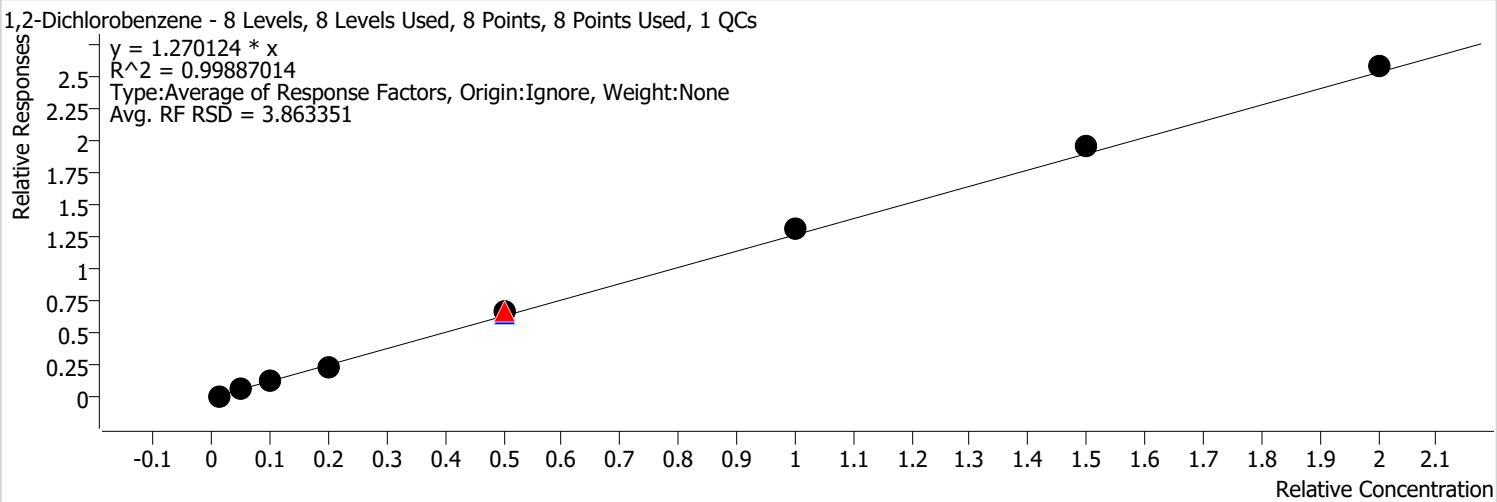
1,4-Dichlorobenzene %RSE = 4.1



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	3631	2.5000	1.6973	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	17256	12.5000	1.5586	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	35254	25.0000	1.5375	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	68477	50.0000	1.4844	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	185361	125.0000	1.6294	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	181911	125.0000	1.5537	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	185361	125.0000	1.6294	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	382542	250.0000	1.5773	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	567507	375.0000	1.5787	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	753127	500.0000	1.5446	

Batch Path	D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin		
Analysis Time	12/8/2021 11:17 AM	**Analyst Name**	BL2000\mchavez
Report Time	12/8/2021 11:18:37 AM	**Reporter Name**	BL2000\mchavez
Last Calib Update	12/8/2021 11:02 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

1,2-Dichlorobenzene %RSE = 3.9

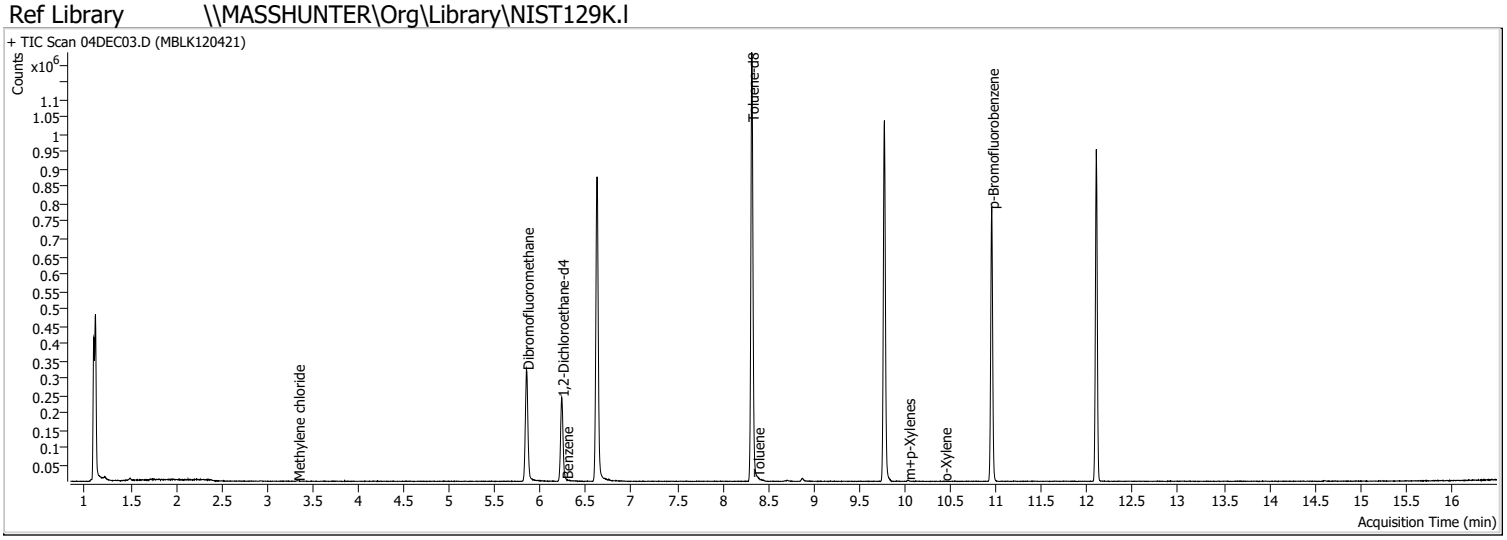


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	Calibration	1	x	2564	2.5000	1.1985	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	Calibration	2	x	14158	12.5000	1.2787	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	Calibration	3	x	28421	25.0000	1.2395	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	Calibration	4	x	55684	50.0000	1.2071	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D	CC	CC	x	150899	125.0000	1.3265	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D	QC	QC	x	152238	125.0000	1.3002	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	Calibration	5	x	150899	125.0000	1.3265	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	Calibration	6	x	318396	250.0000	1.3128	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	Calibration	7	x	469313	375.0000	1.3055	
D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	Calibration	8	x	630110	500.0000	1.2923	

Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04DEC03.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 12:26:46 PM
Sample Name	MBLK120421	Instrument	VOA5975C
Vial	3	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

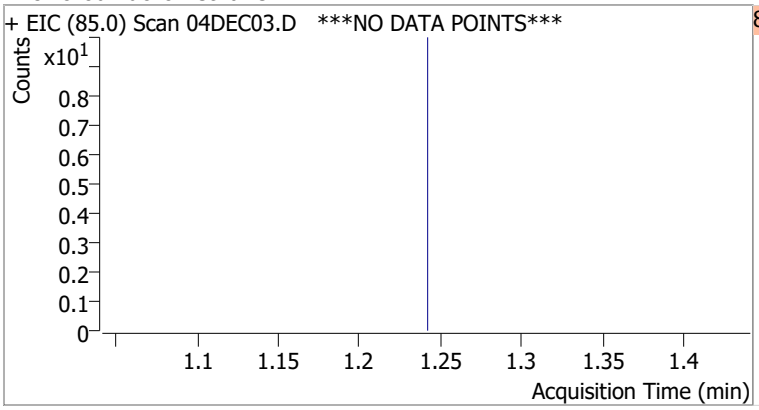


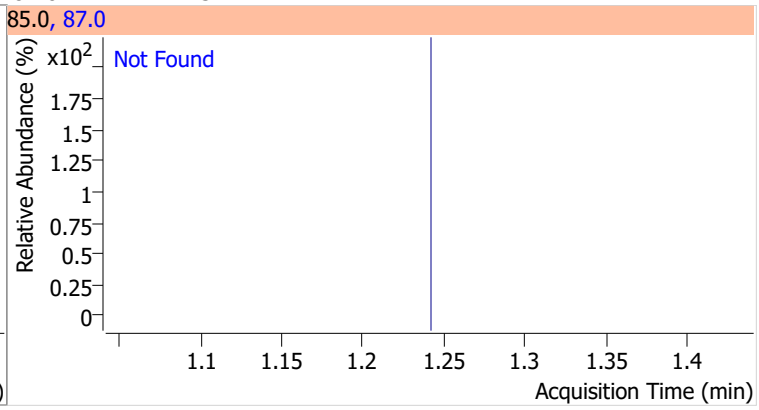
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.623	96.0	759606	250.0000	ng		0.003
M Chlorobenzene-d5	9.772	82.0	290429	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	216698	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	190903	263.8854	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 105.55%			
S 1,2-Dichloroethane-d4	6.233	67.0	85833	257.8770	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 103.15%			
S Toluene-d8	8.319	98.0	752115	262.1627	ng		-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.87%			
S p-Bromofluorobenzene	10.954	95.0	225395	270.9906	ng		0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.40%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	0.000		0	N.D.			
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.338	49.0	1171	1.0527	ng	m	87
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.			
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	0.000		0	N.D.			

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.280	78.0	351	0.1123	ng	m	66
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	264	0.1356	ng	#m	38
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.037	106.0	856	0.5960	ng	m	91
T o-Xylene	10.433	106.0	156	0.1224	ng	#m	77
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

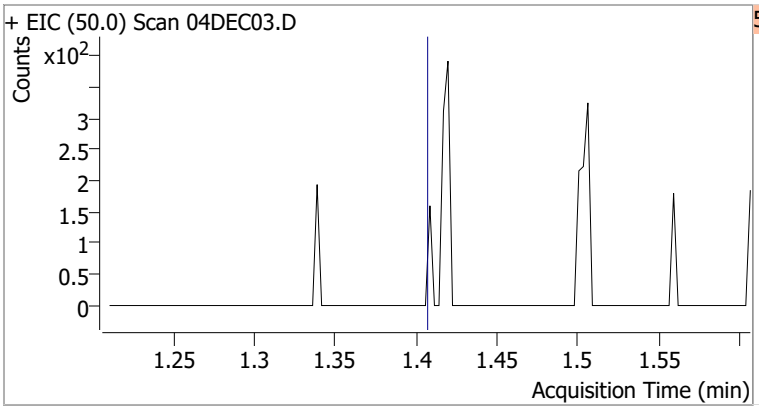
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

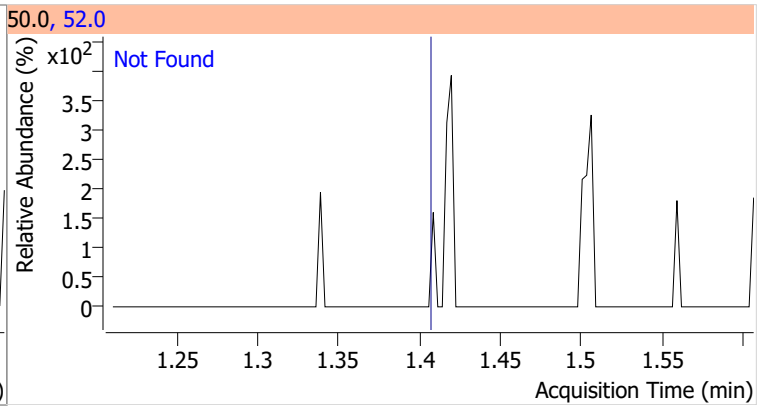
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.1



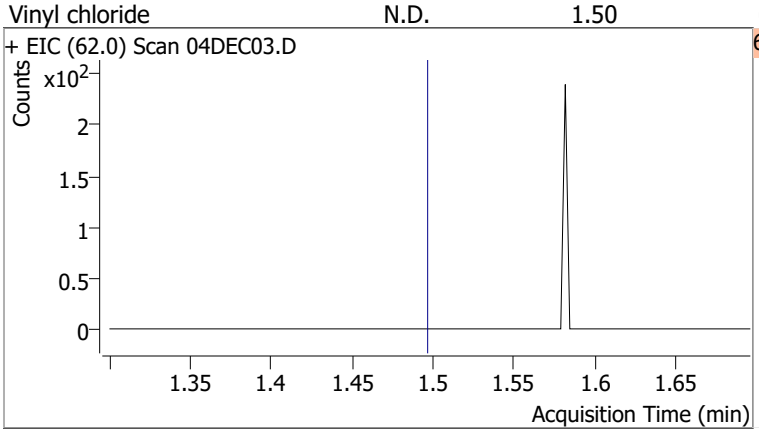


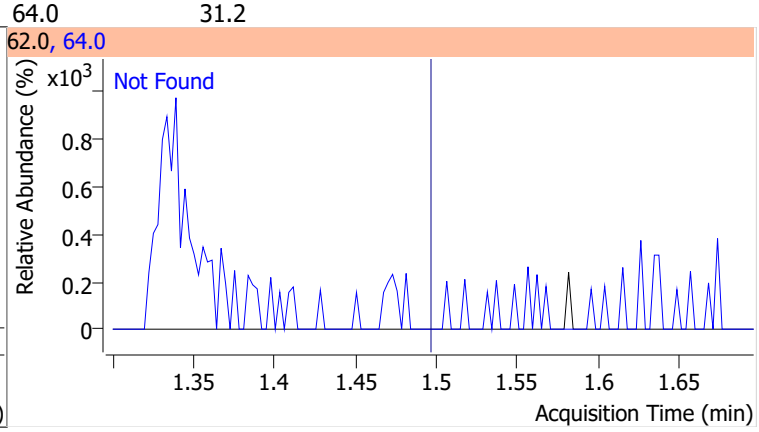
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	33.4



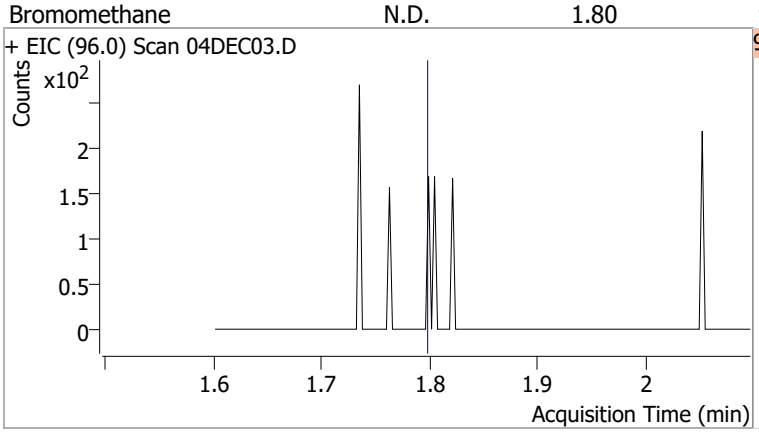


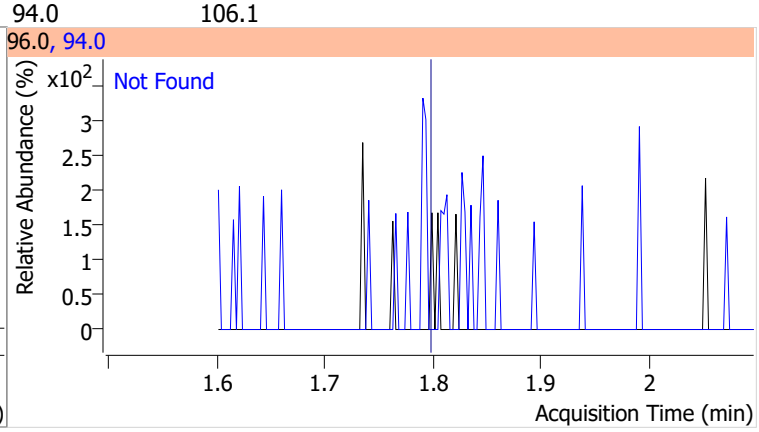
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.2



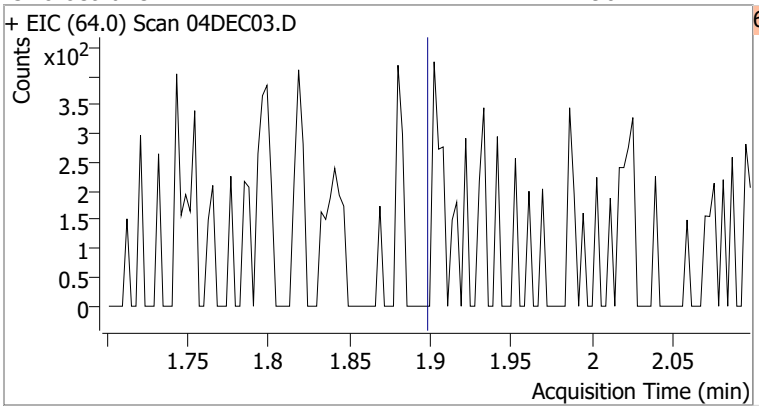


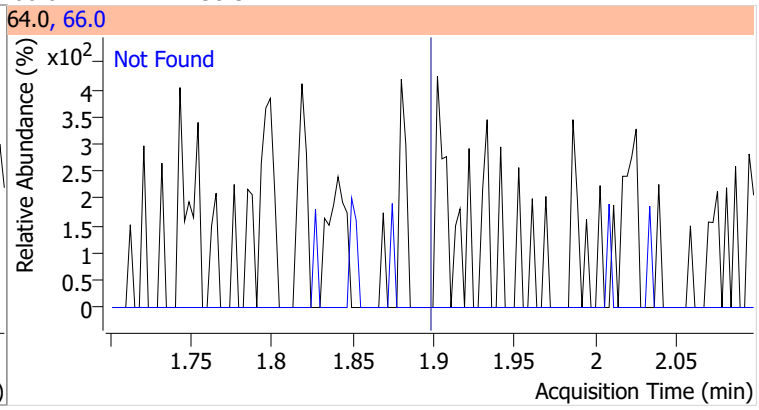
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	106.1



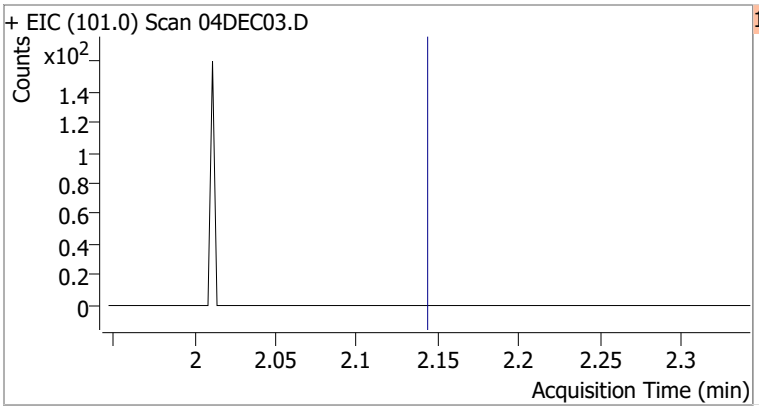


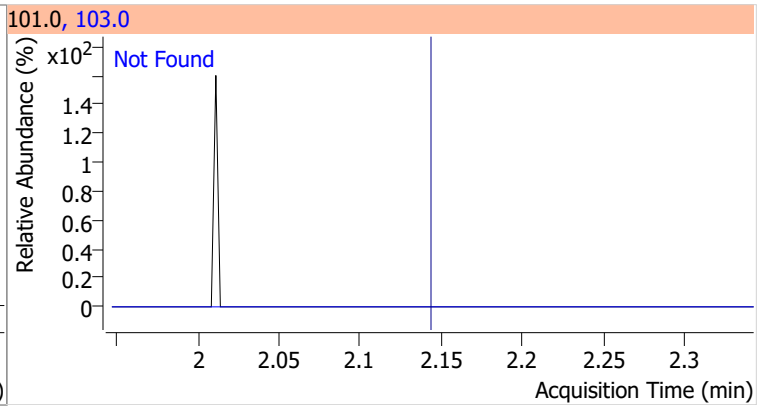
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.5



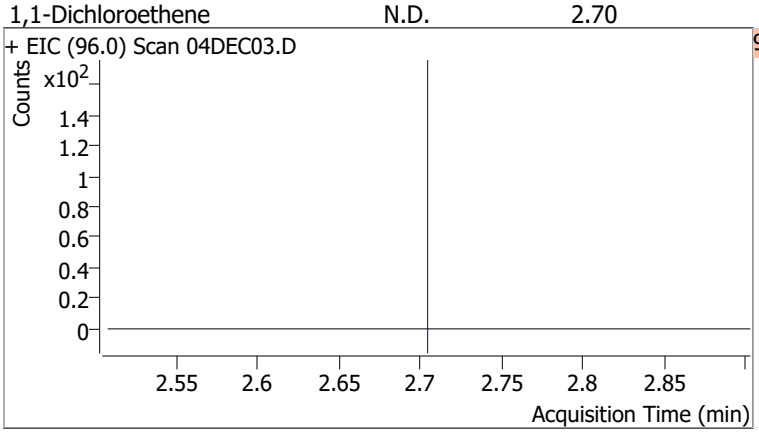


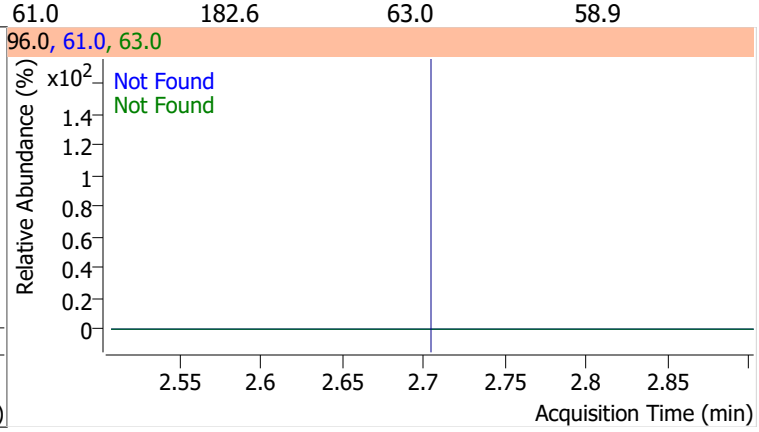
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	63.3



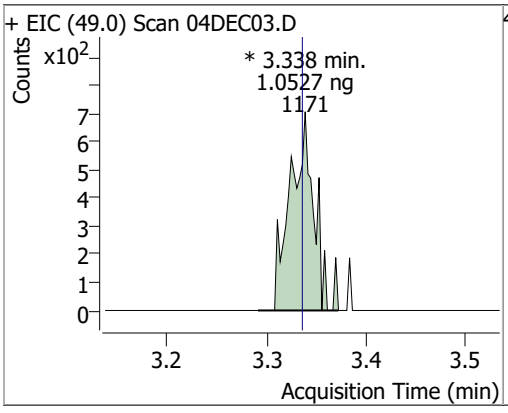


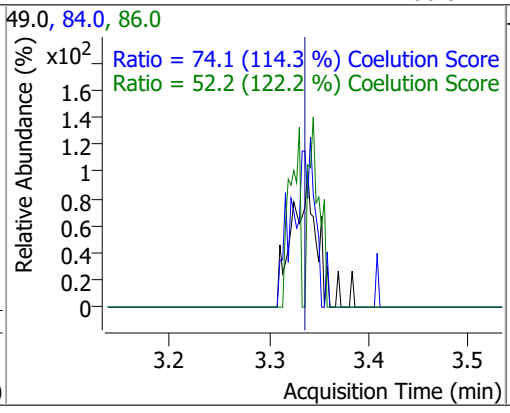
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	182.6	63.0	58.9

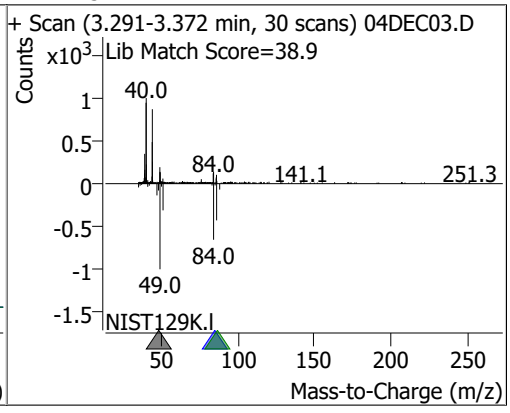




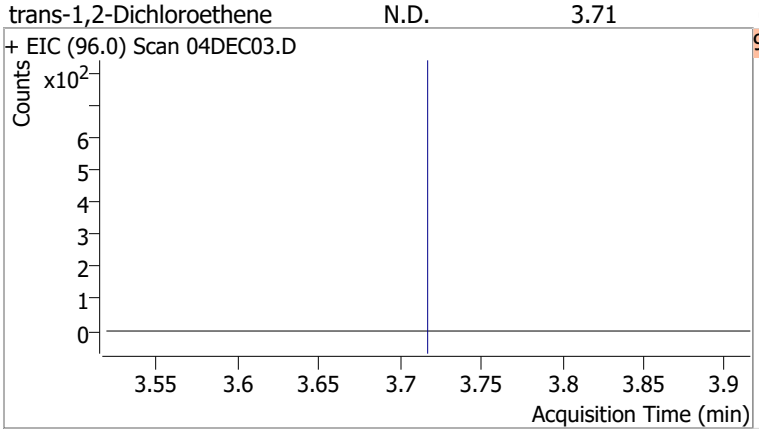
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.0527	3.34	0.01	1171 (m)	84.0	74.1	34.8	94.8
					86.0	52.2	12.7	72.7

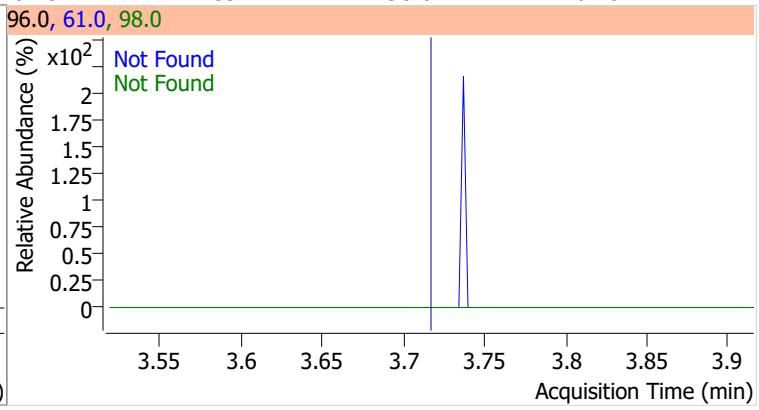




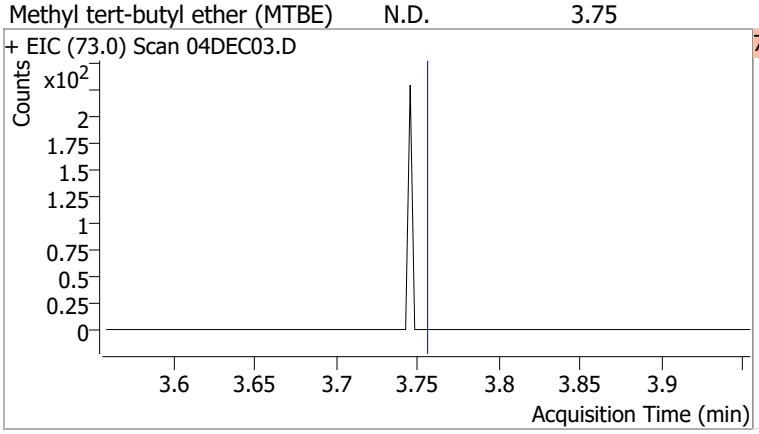


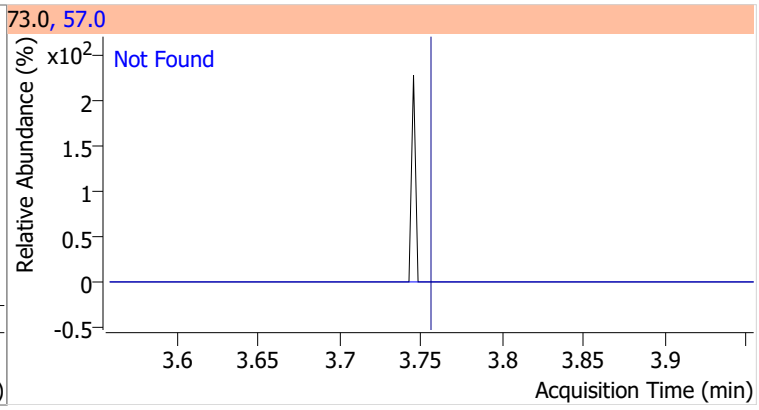
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.71	61.0	159.4	98.0	64.0



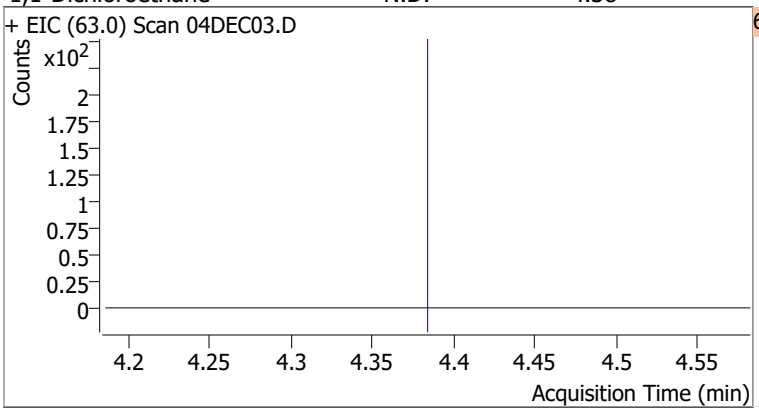


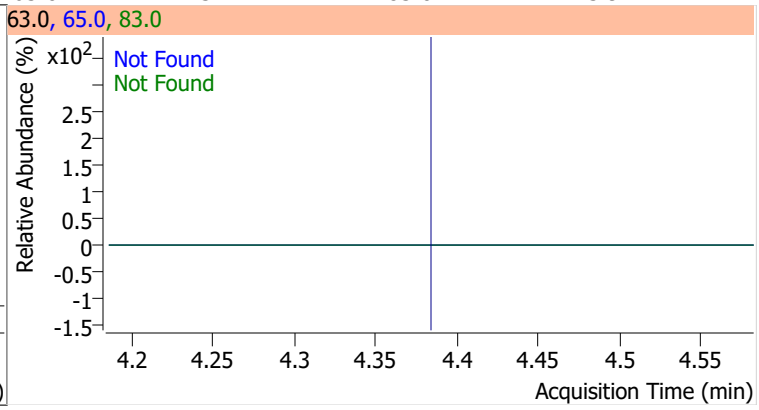
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	23.5



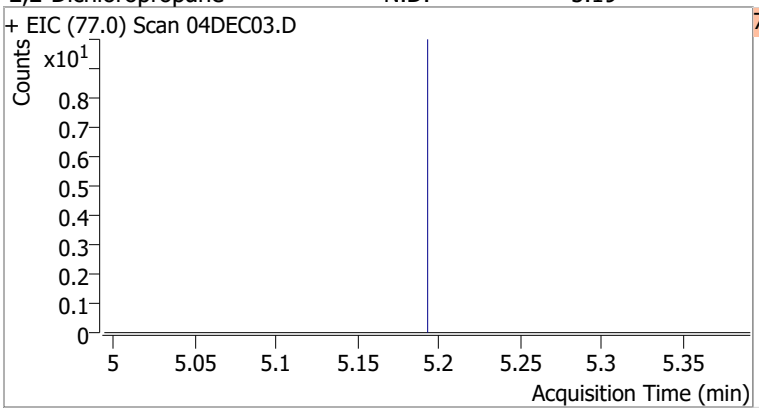


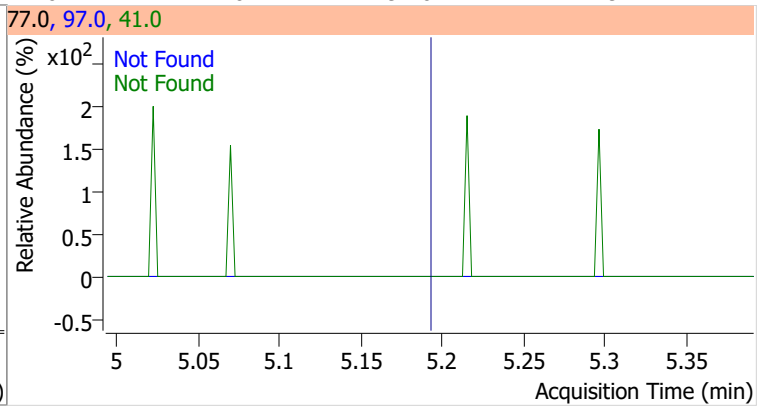
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.7	83.0	13.9



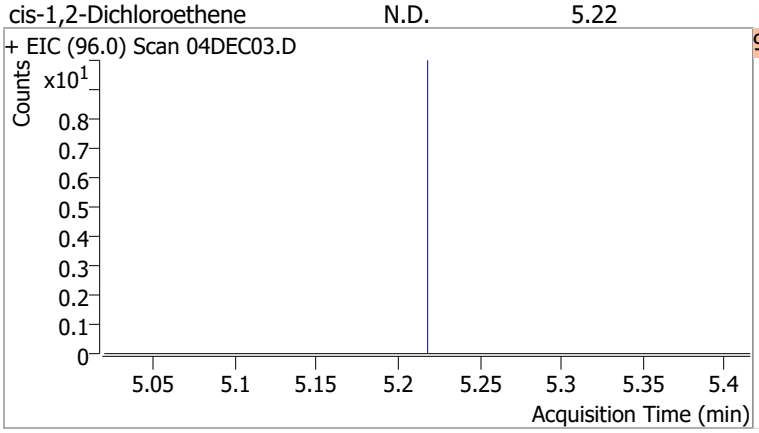


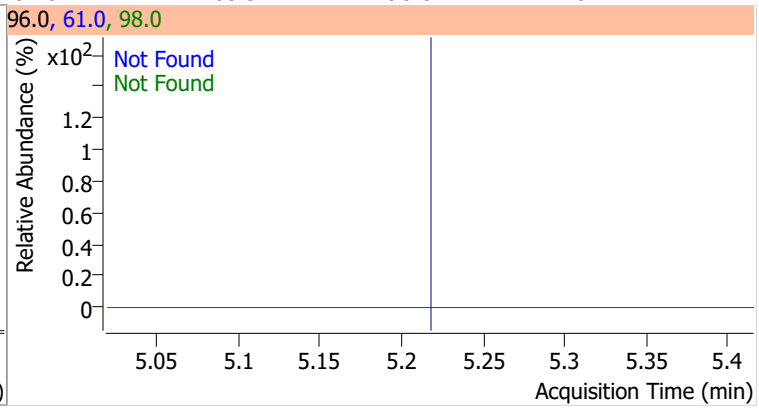
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	71.0	97.0	21.9



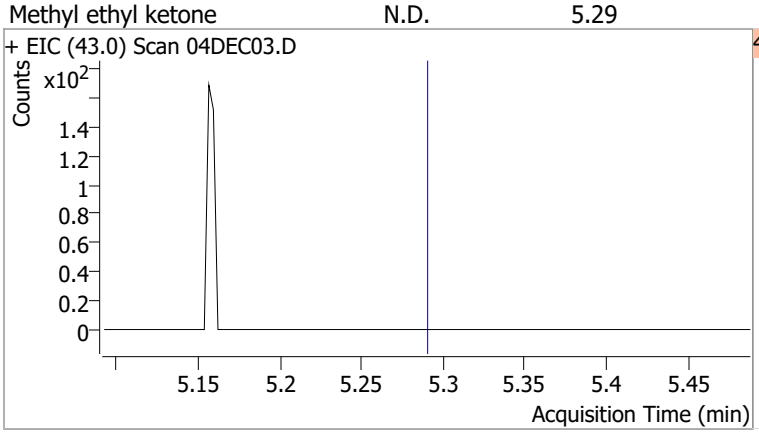


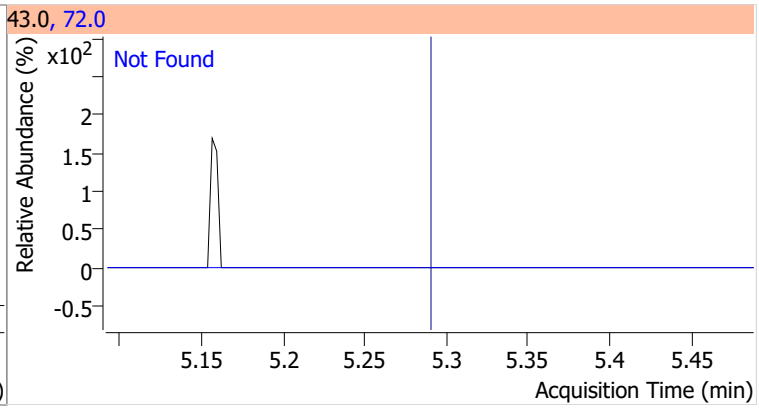
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	165.9	98.0	64.4



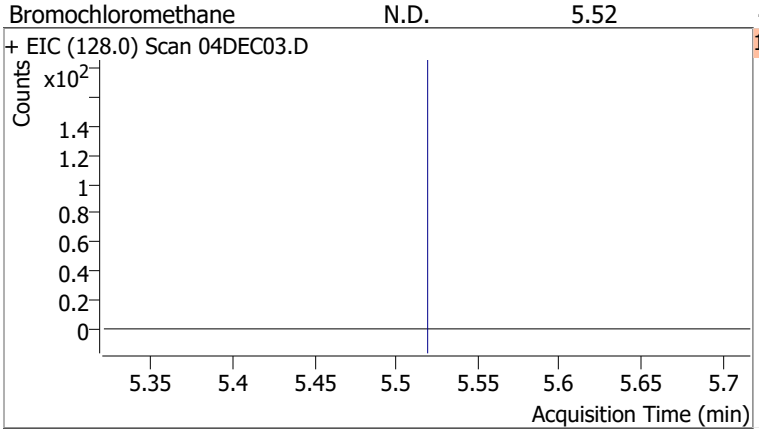


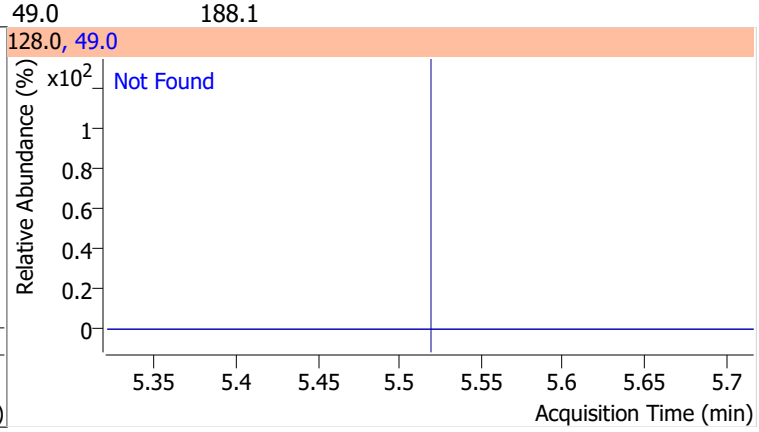
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.29	72.0	19.8



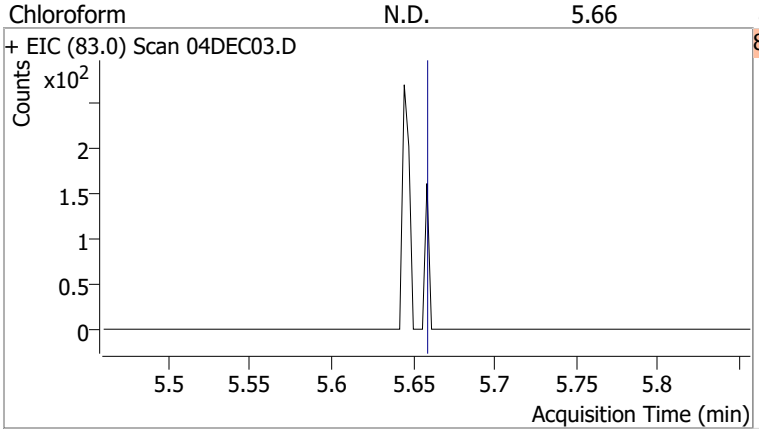


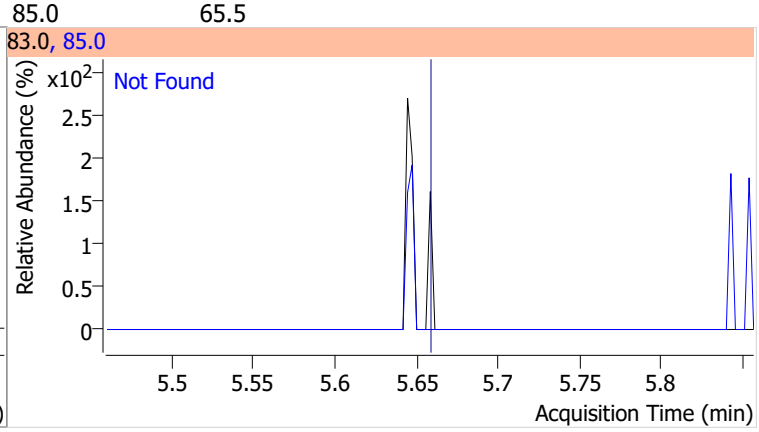
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	188.1



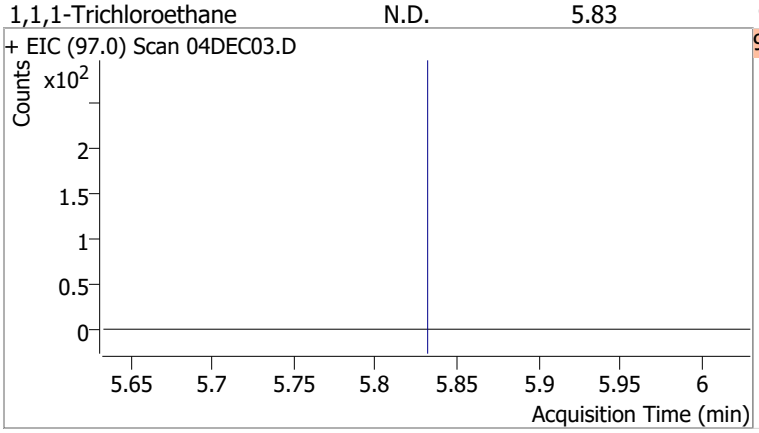


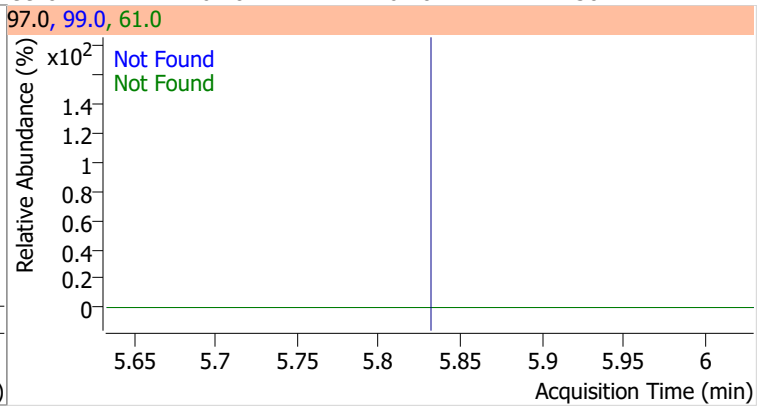
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.66	85.0	65.5



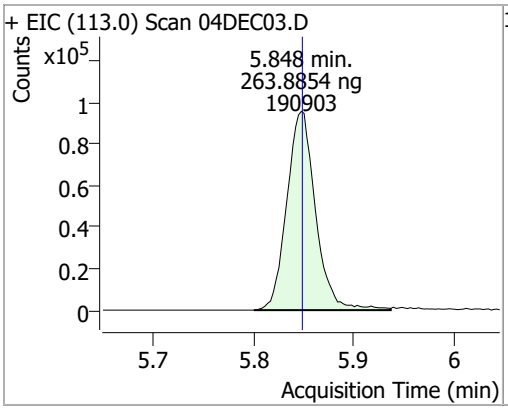


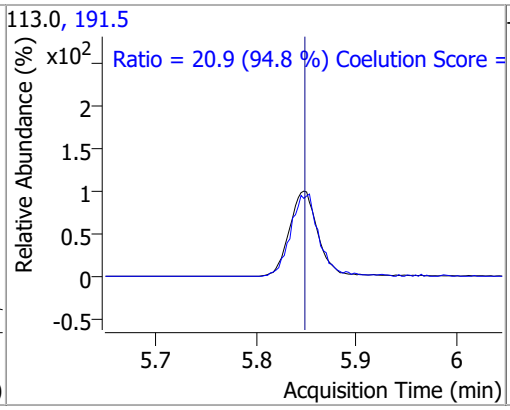
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.0	61.0	50.4

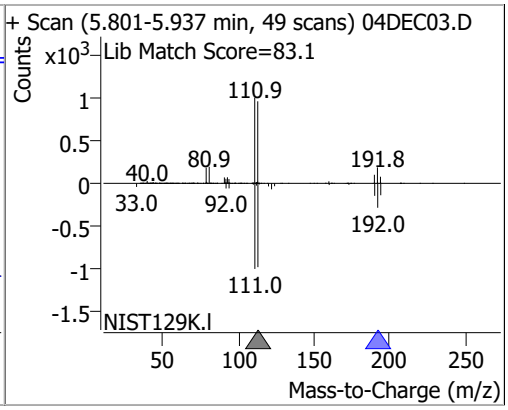




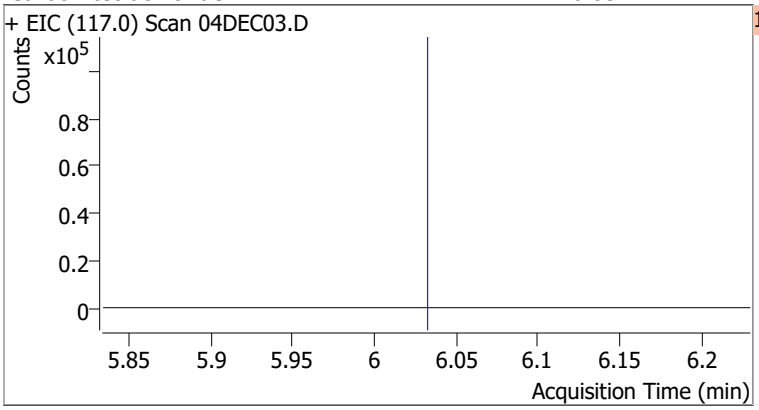
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	263.8854	5.85	0.00	190903	191.5	20.9	0.0	52.1

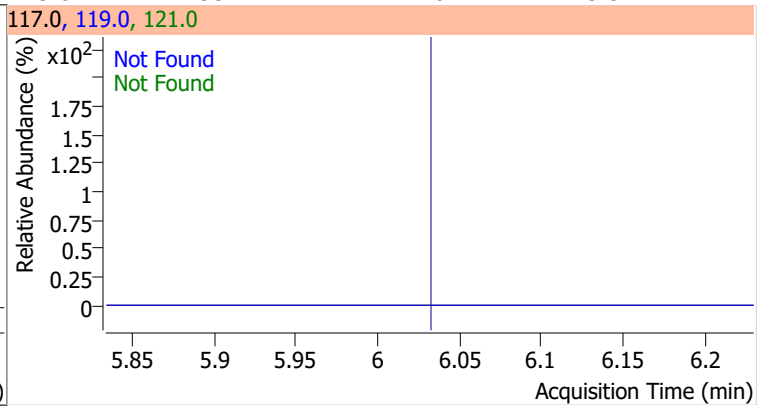




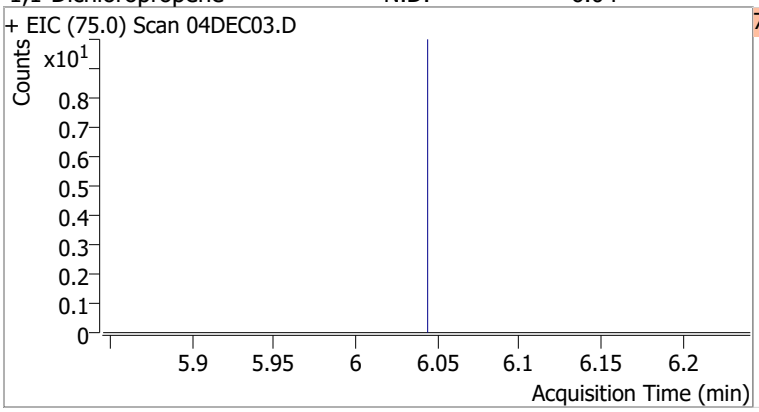


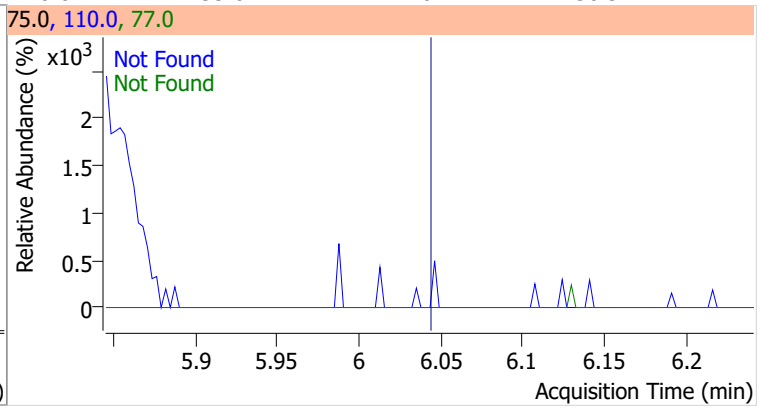
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.4	121.0	29.5



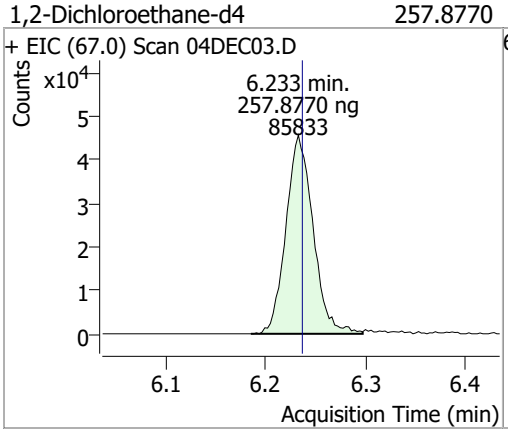


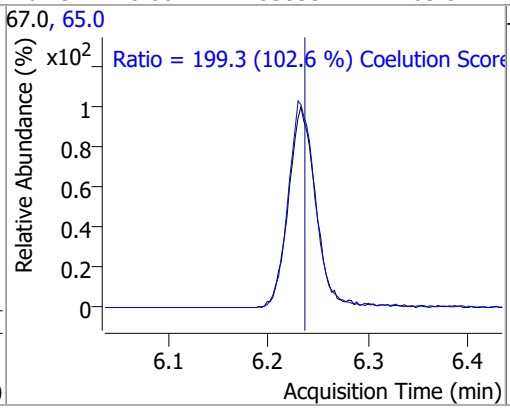
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.0	77.0	30.9

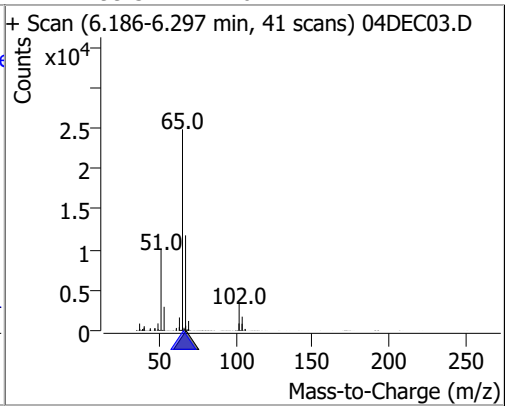




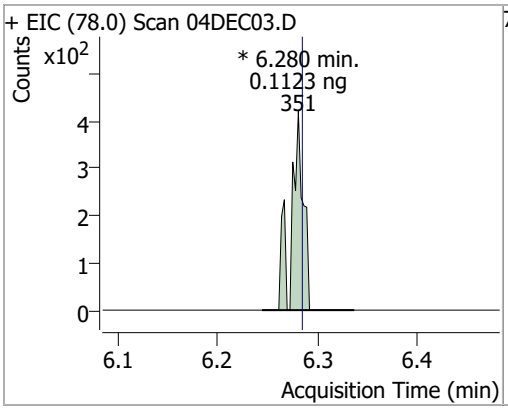
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	257.8770	6.23	0.00	85833	65.0	199.3	164.2	224.2

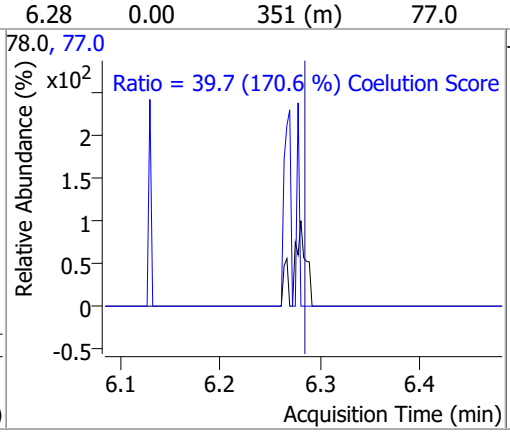


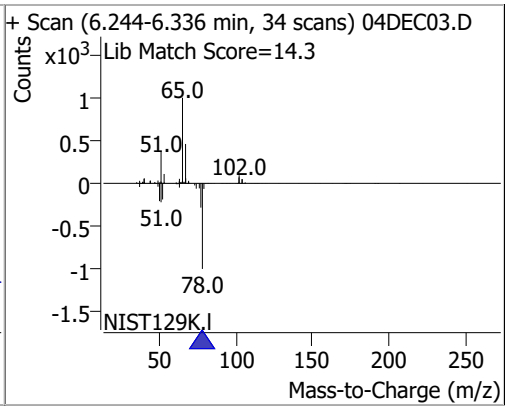




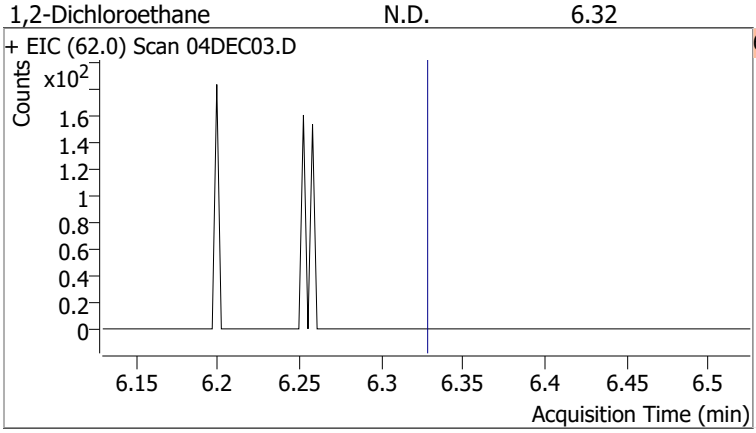
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.1123	6.28	0.00	351 (m)	77.0	39.7	0.0	53.3

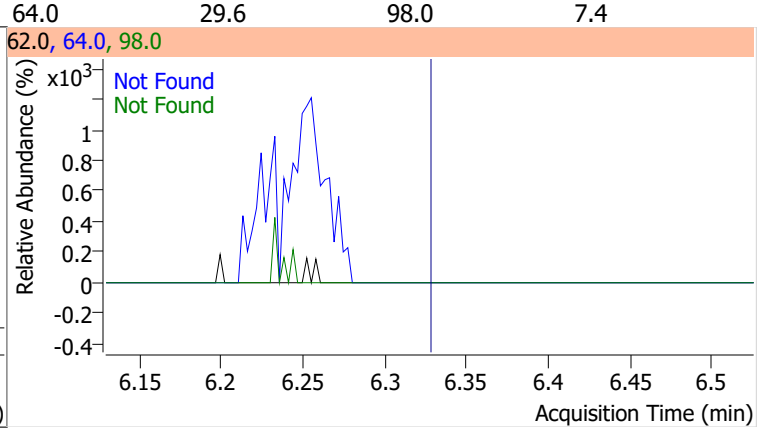




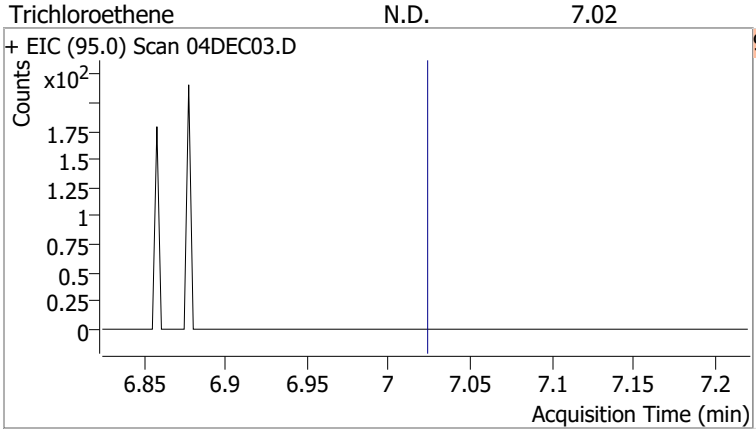


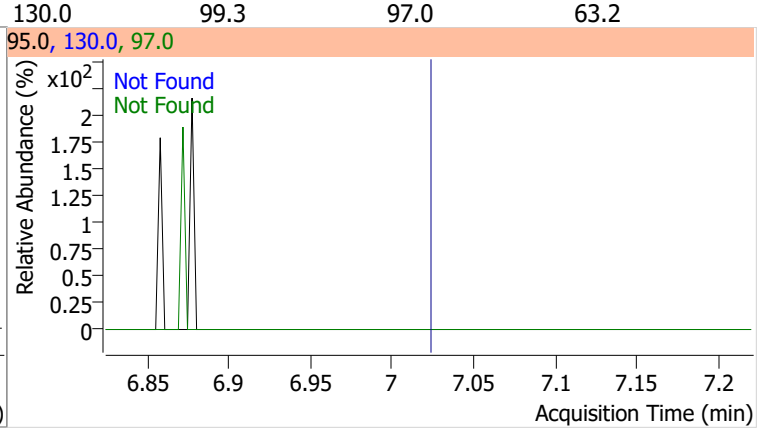
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.6	98.0	7.4



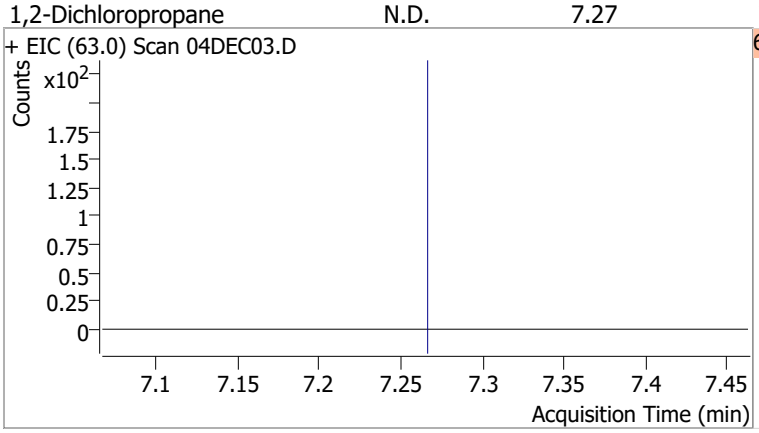


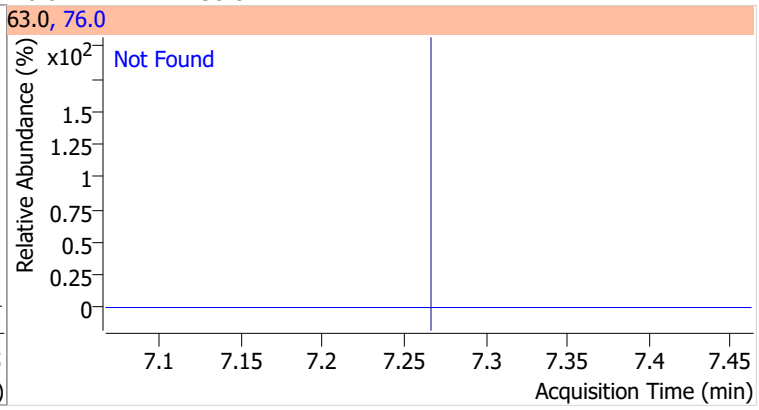
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	99.3	97.0	63.2



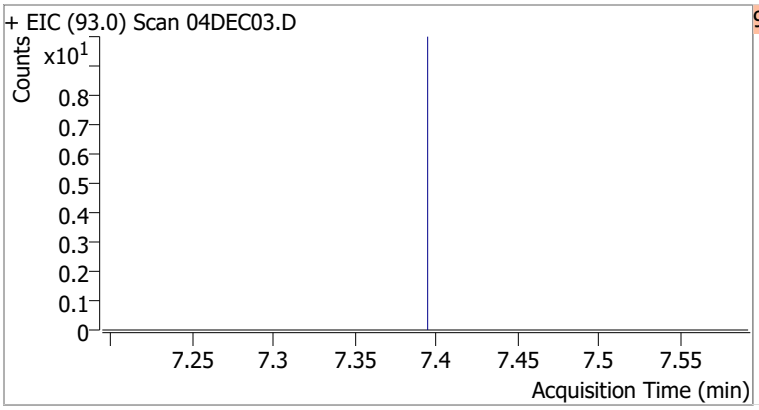


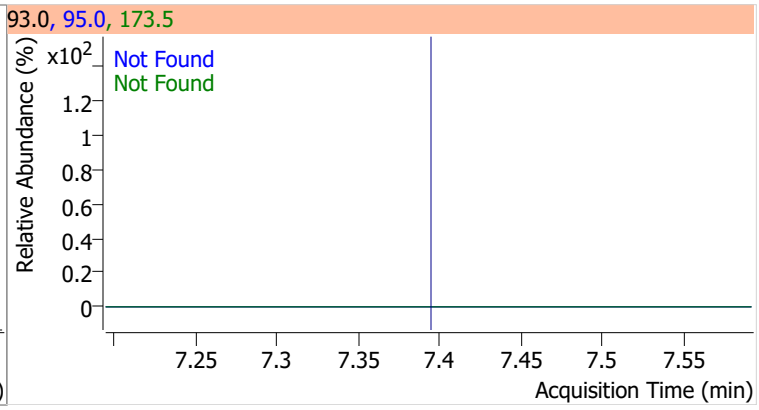
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.8



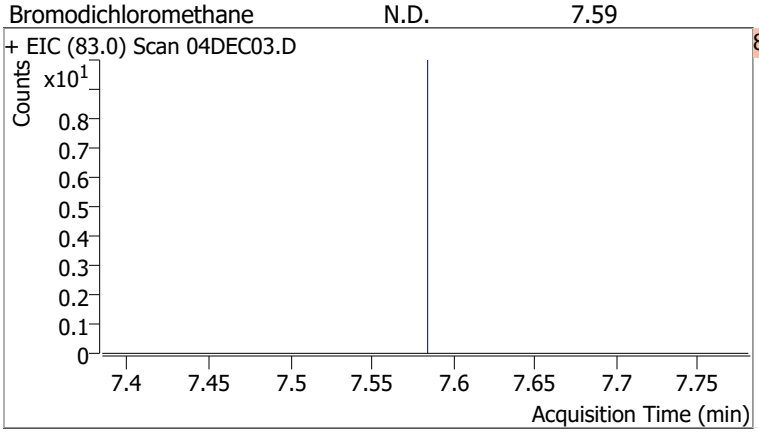


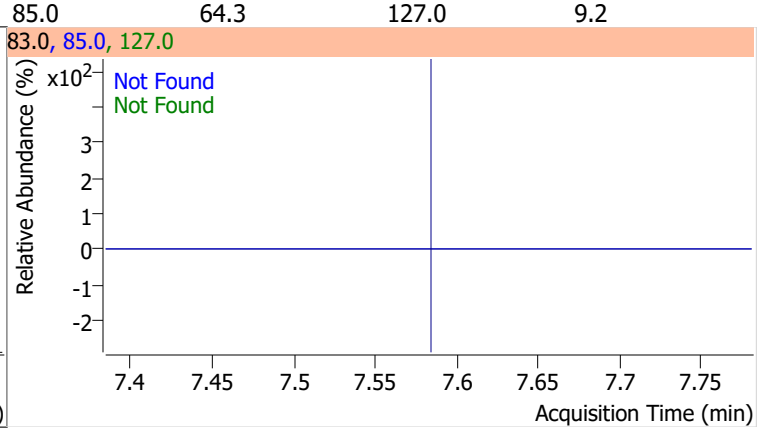
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	106.6	95.0	85.6



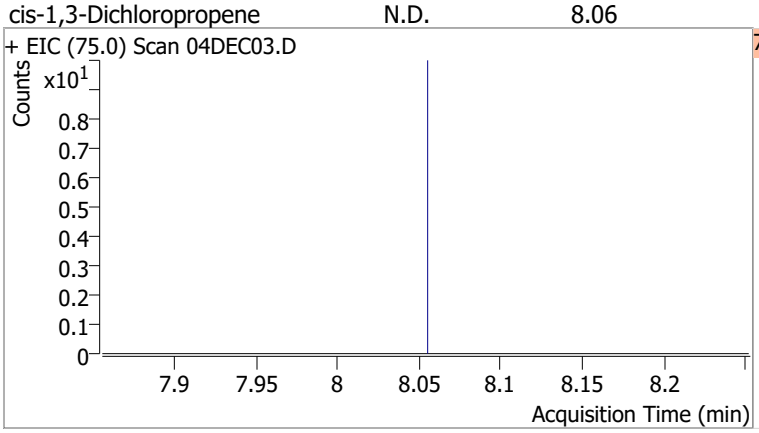


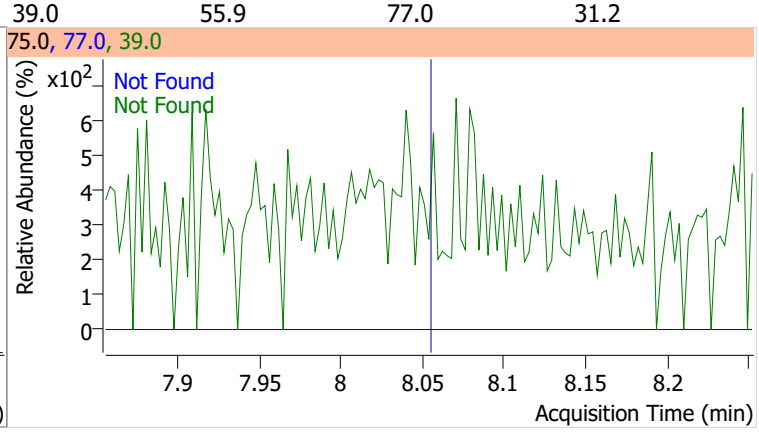
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.3	127.0	9.2



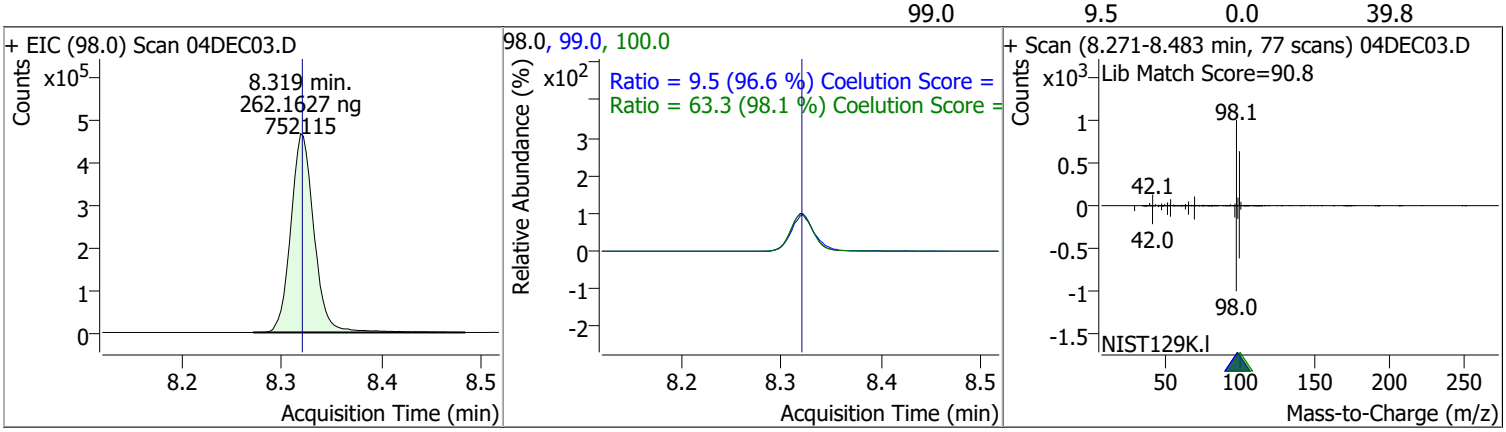


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.9	77.0	31.2

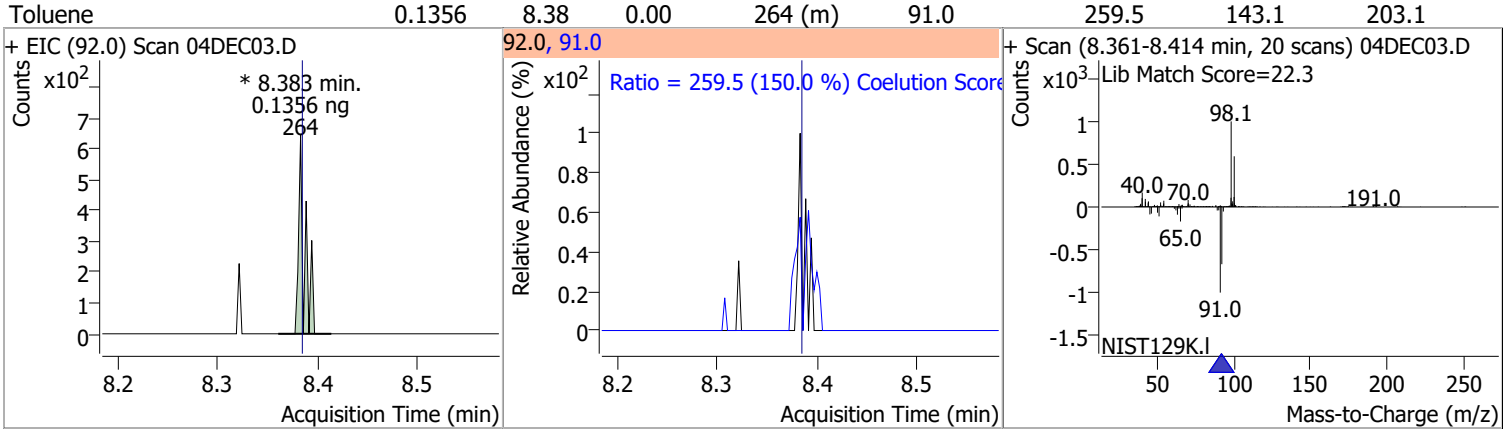




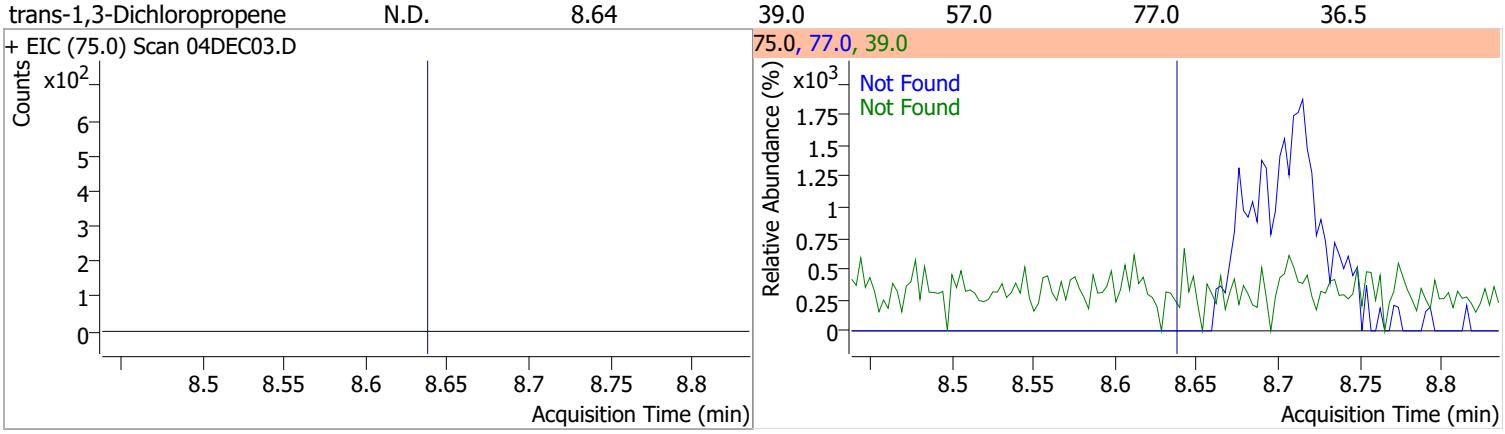
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	262.1627	8.32	0.00	752115	100.0	63.3	34.6	94.6
					99.0	9.5	0.0	39.8



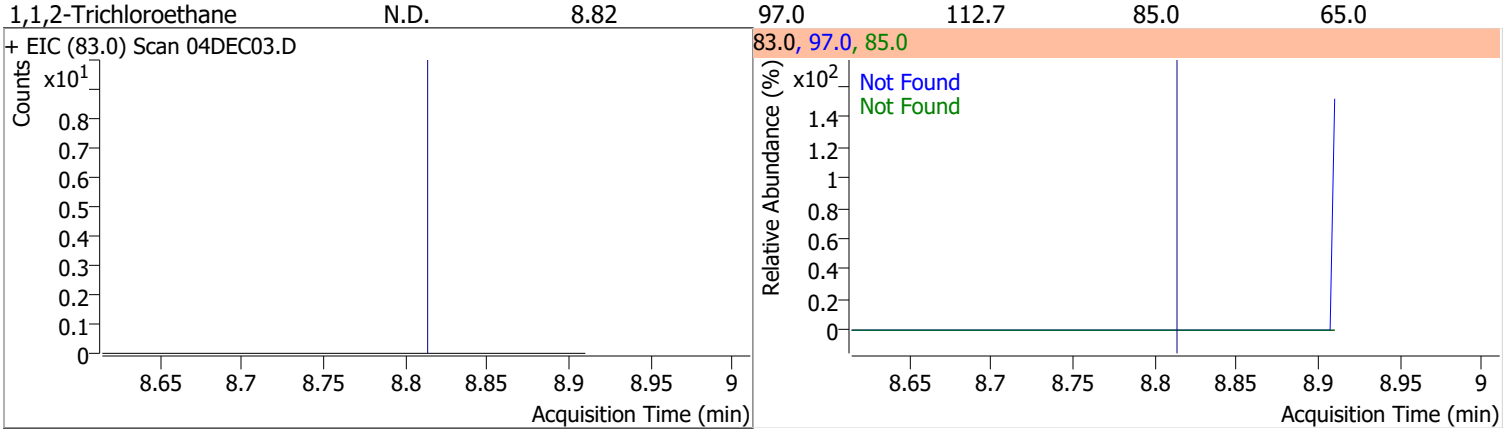
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.1356	8.38	0.00	264 (m)	91.0	259.5	143.1	203.1



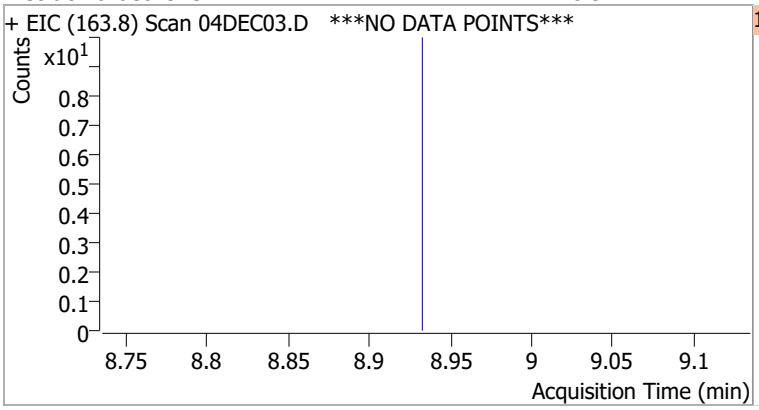
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	57.0	77.0	36.5

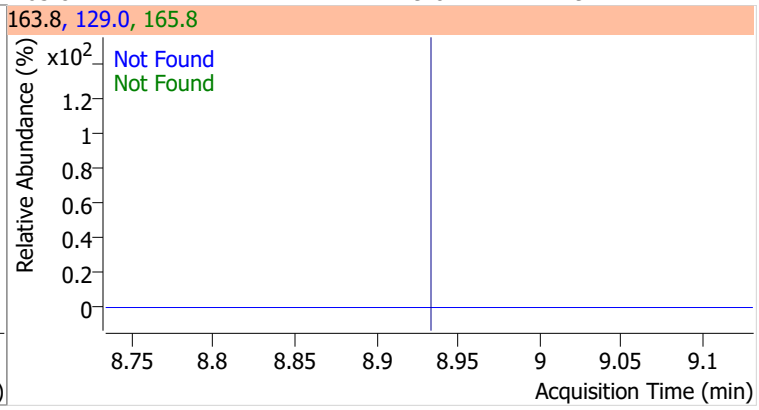


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	112.7	85.0	65.0

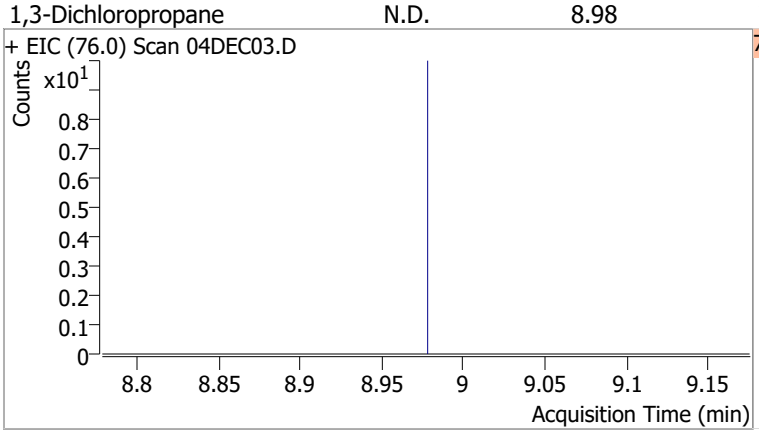


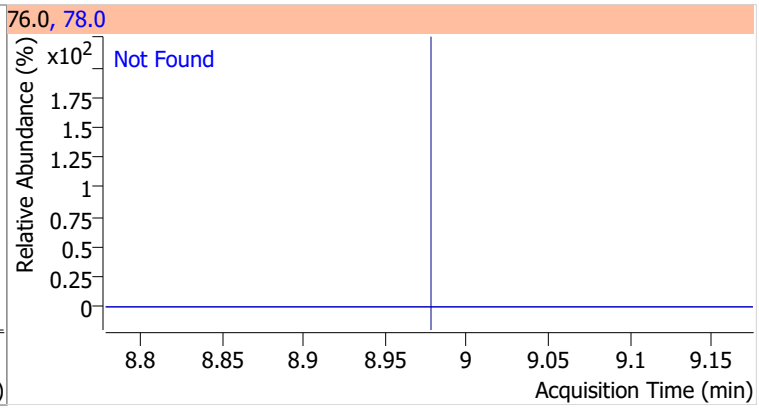
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.7	129.0	92.7



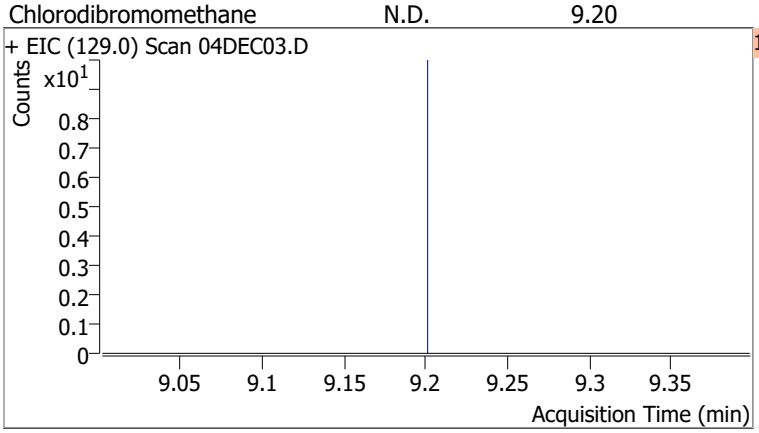


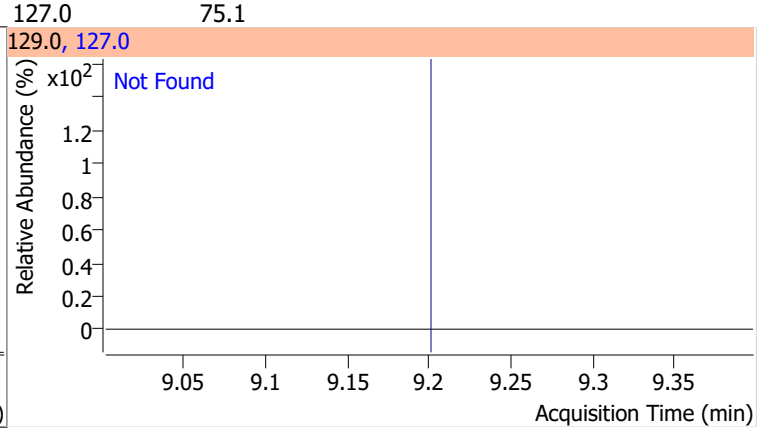
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.1



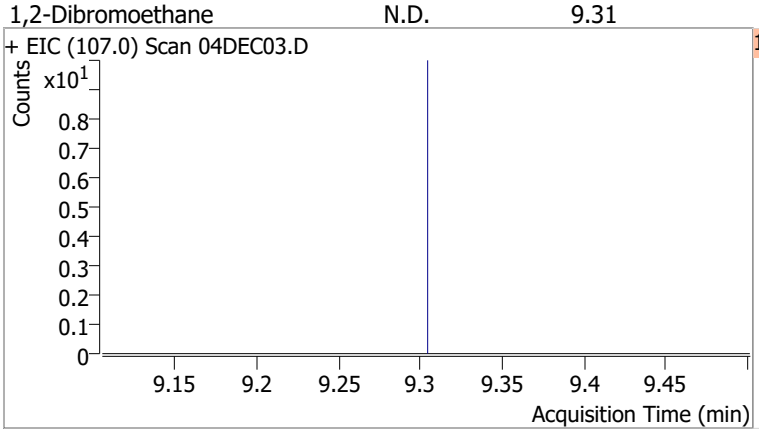


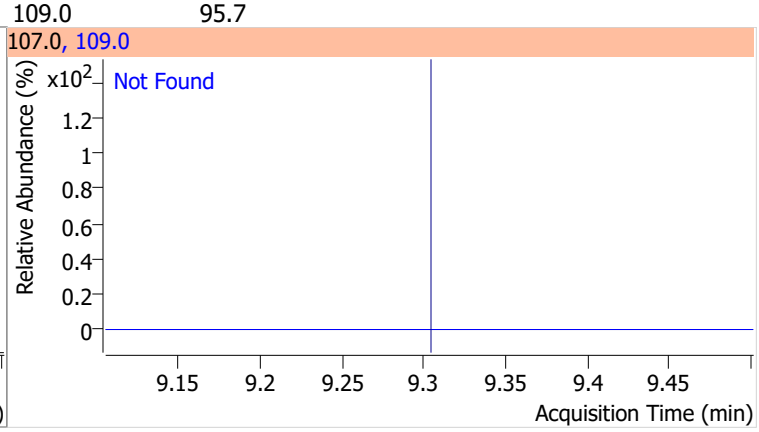
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.20	127.0	75.1



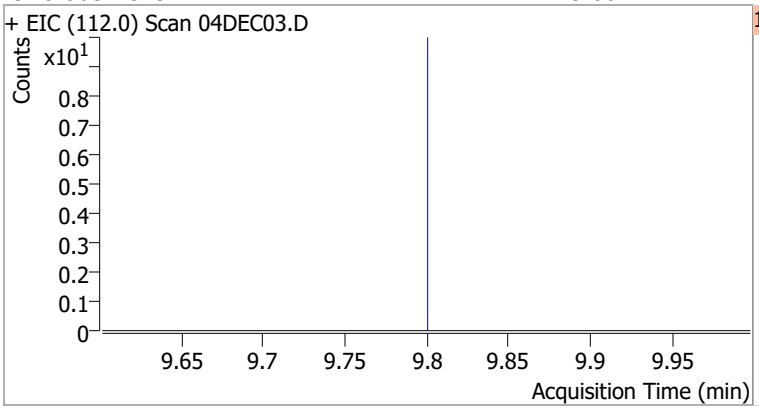


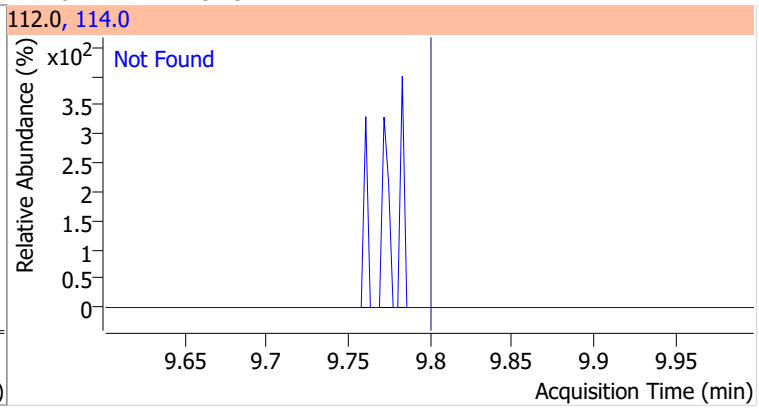
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.7



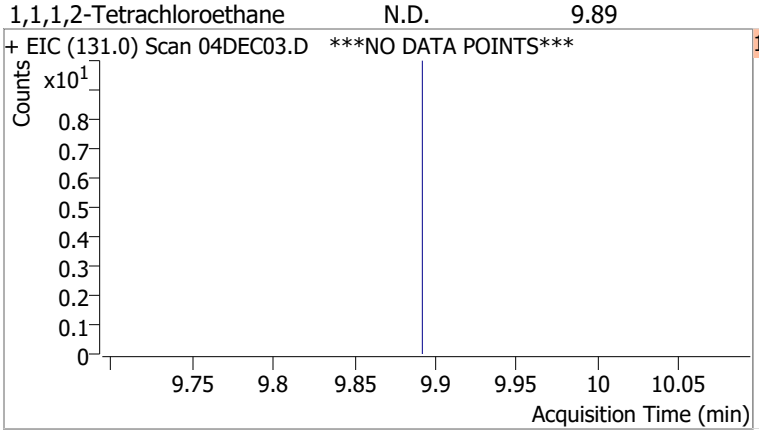


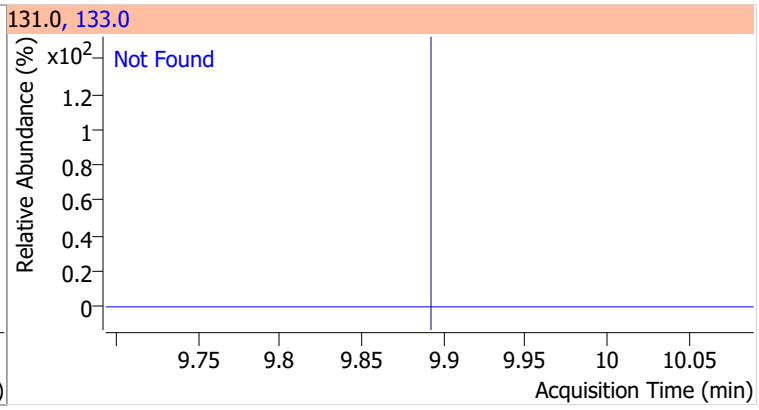
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.9



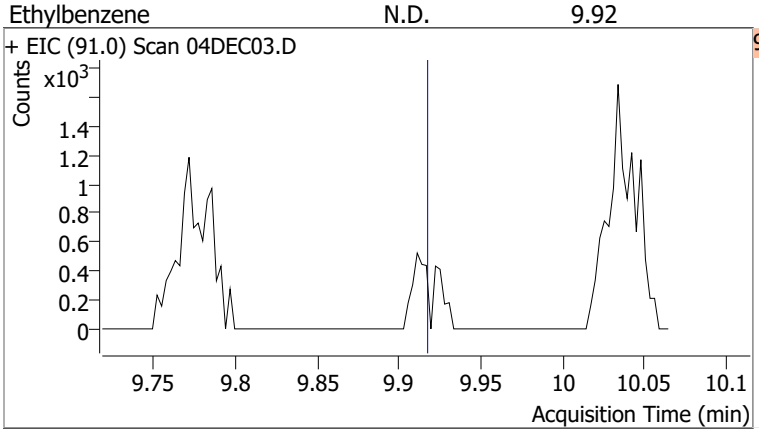


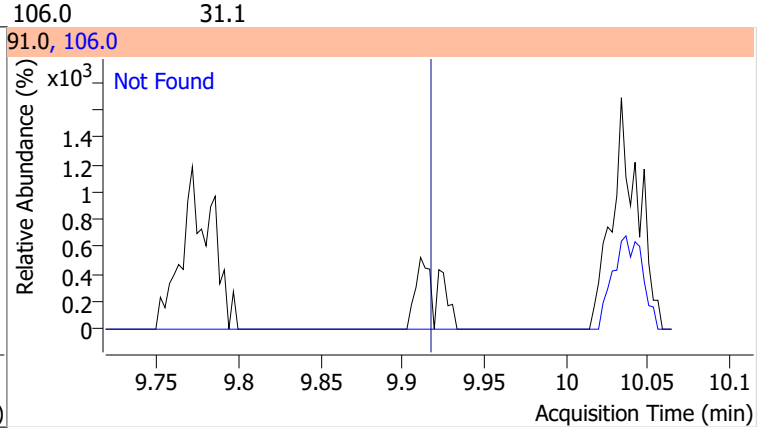
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.0



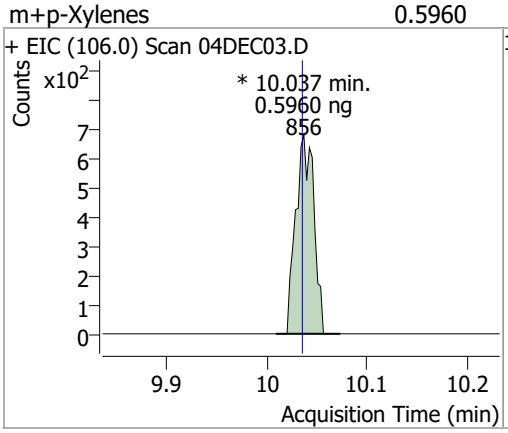


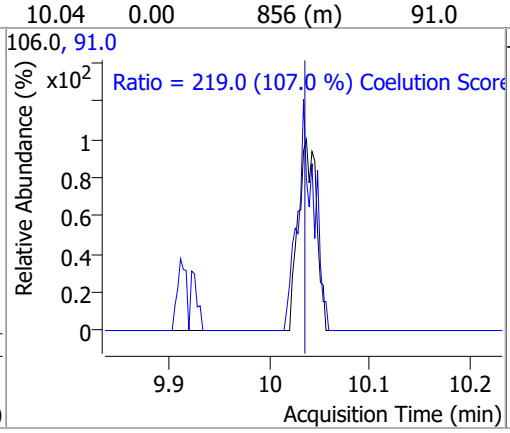
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1

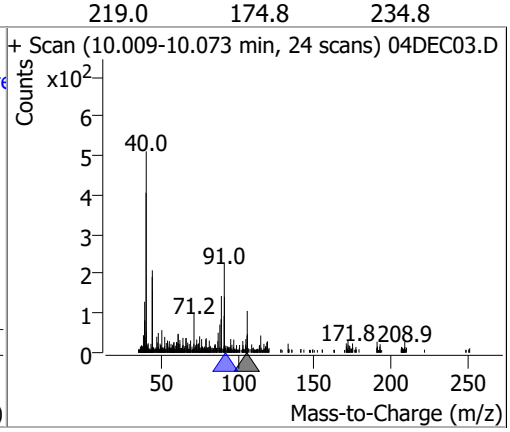




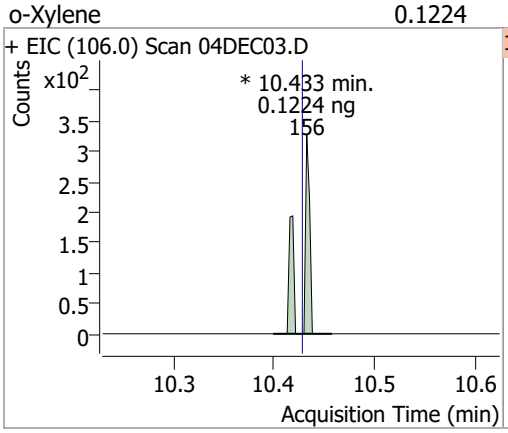
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	0.5960	10.04	0.00	856 (m)	91.0	219.0	174.8	234.8

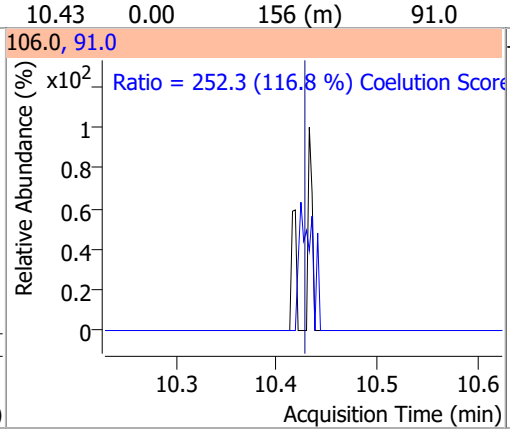


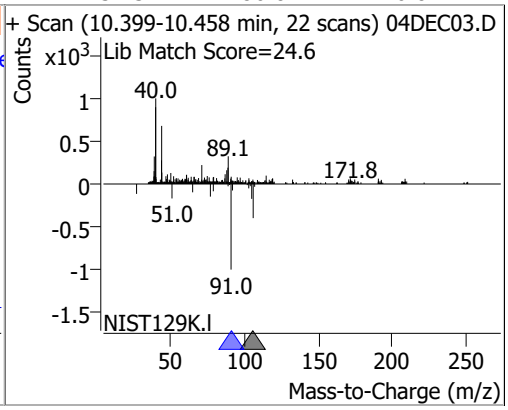




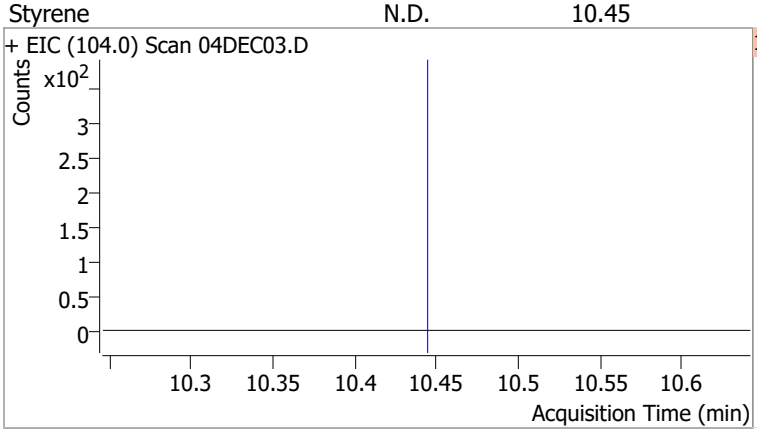
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	0.1224	10.43	0.00	156 (m)	91.0	252.3	186.0	246.0

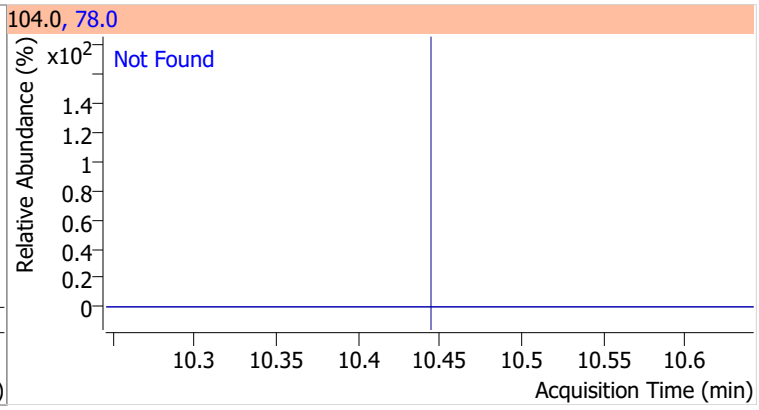




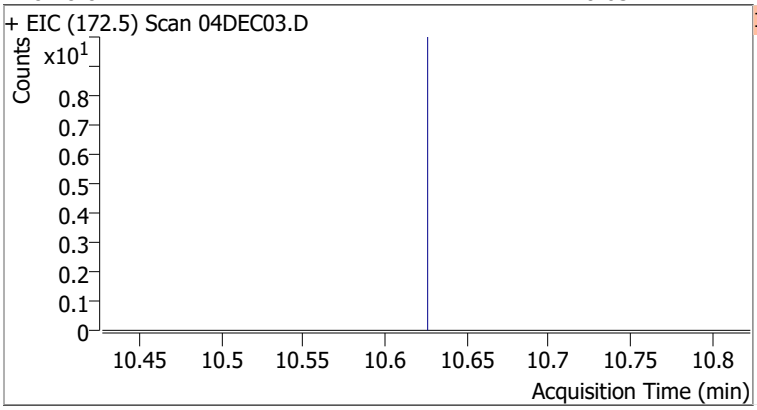


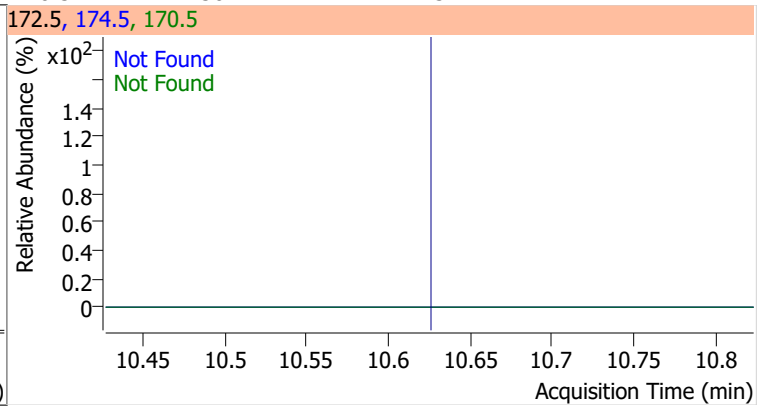
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.3



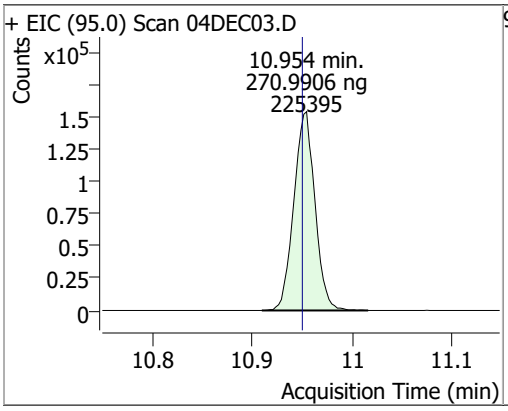


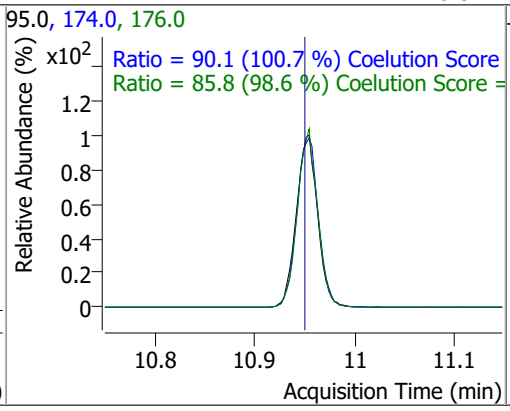
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	50.2	174.5	47.7

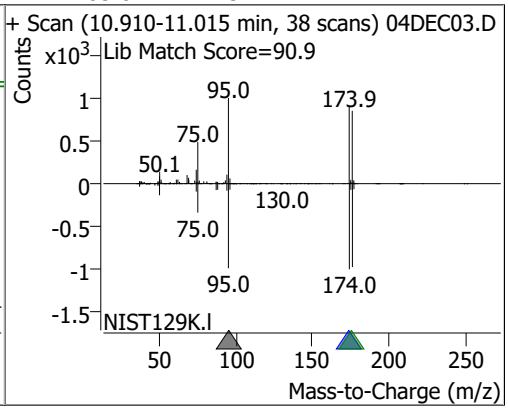




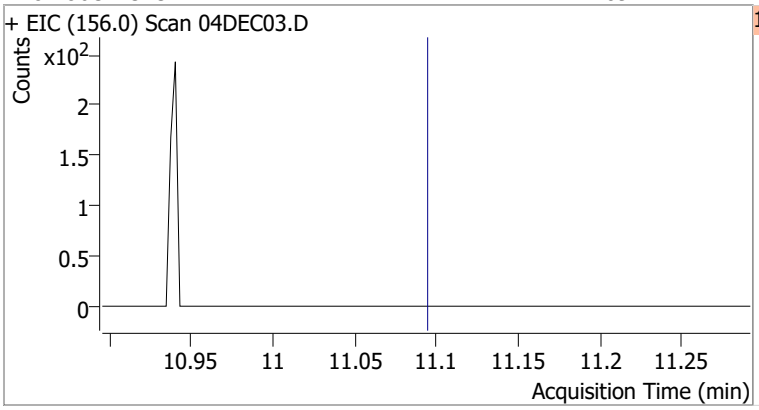
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	270.9906	10.95	0.01	225395	174.0	90.1	59.4	119.4
					176.0	85.8	57.1	117.1

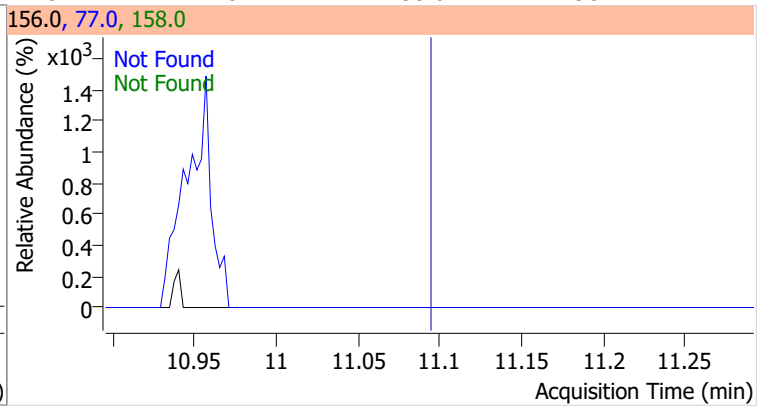




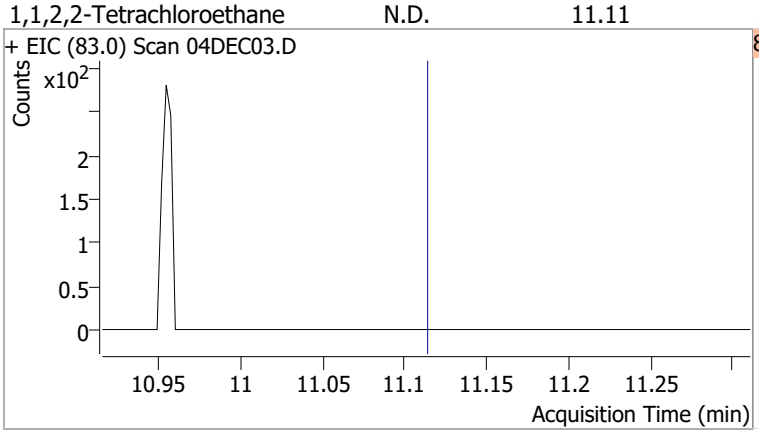


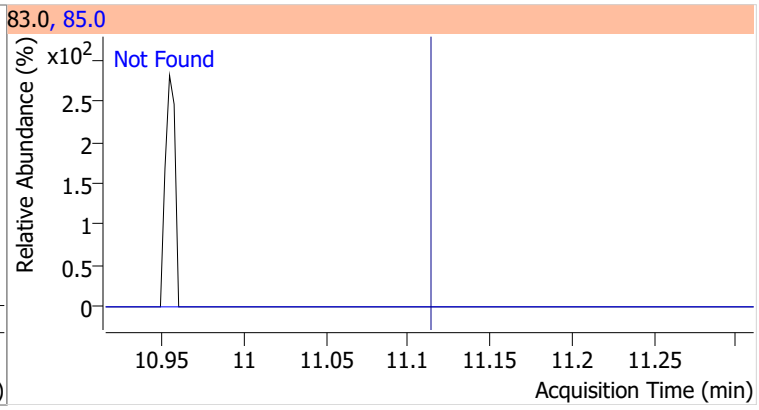
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	148.1	158.0	98.4



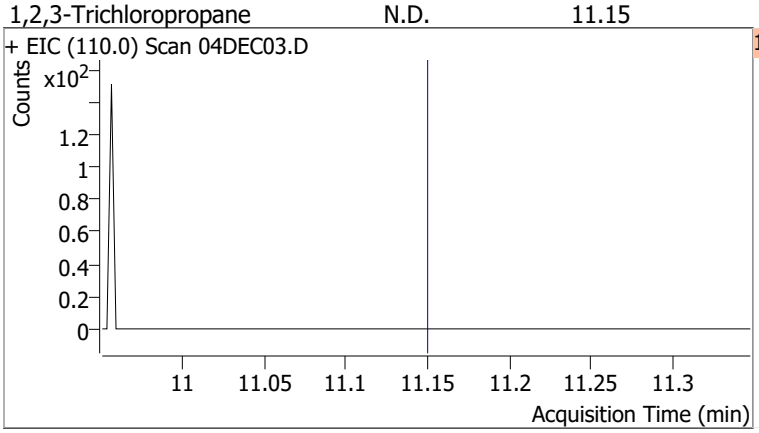


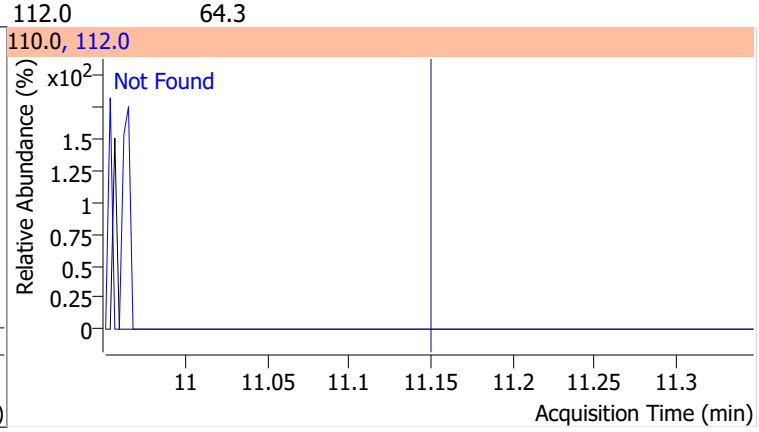
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.1



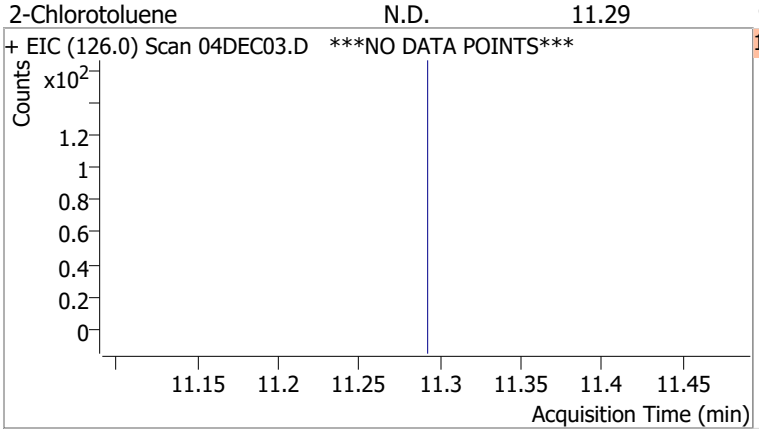


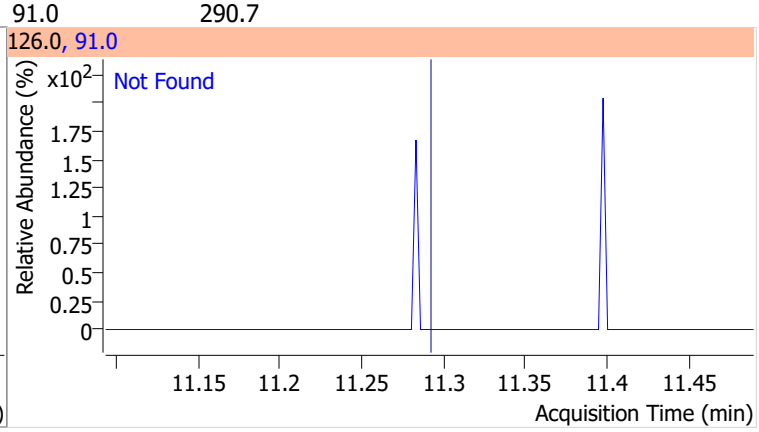
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	64.3



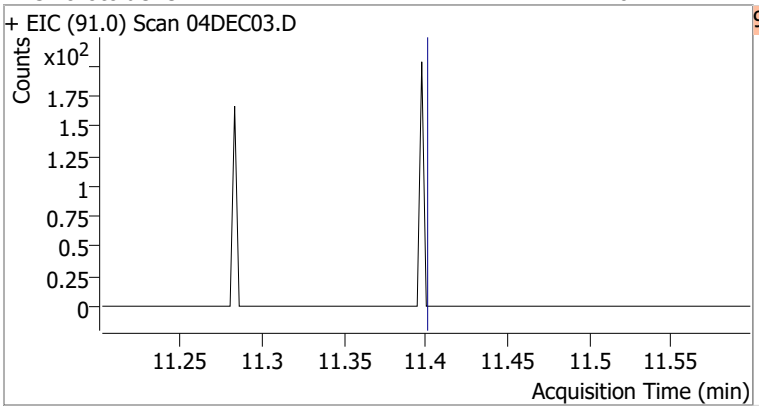


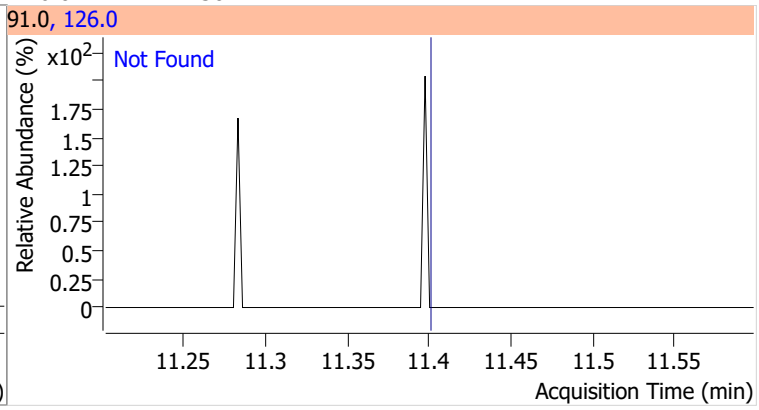
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	290.7



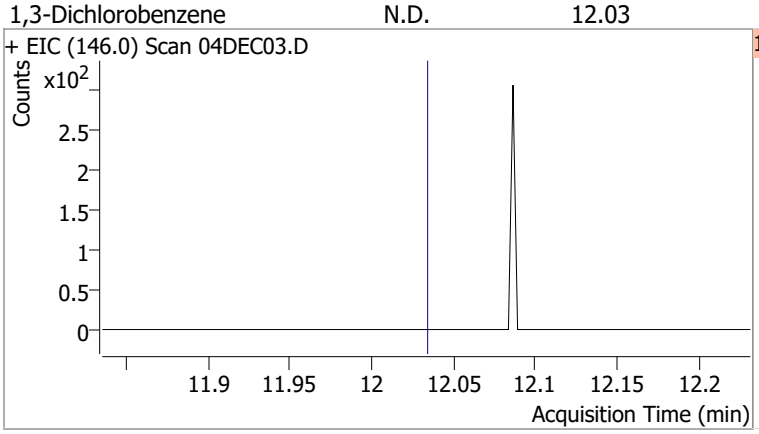


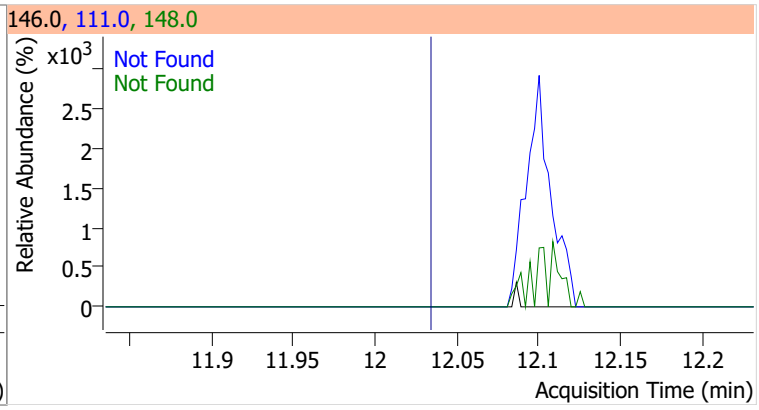
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	30.1



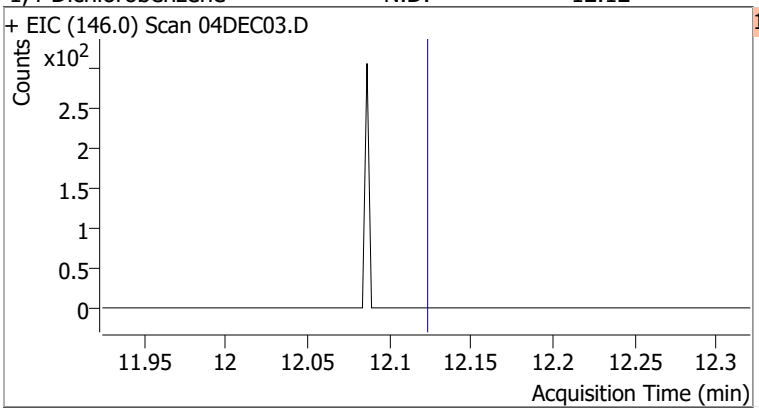


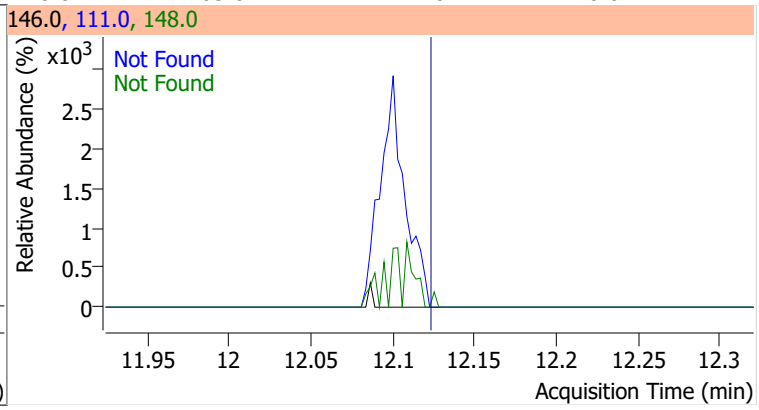
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.9	111.0	41.0



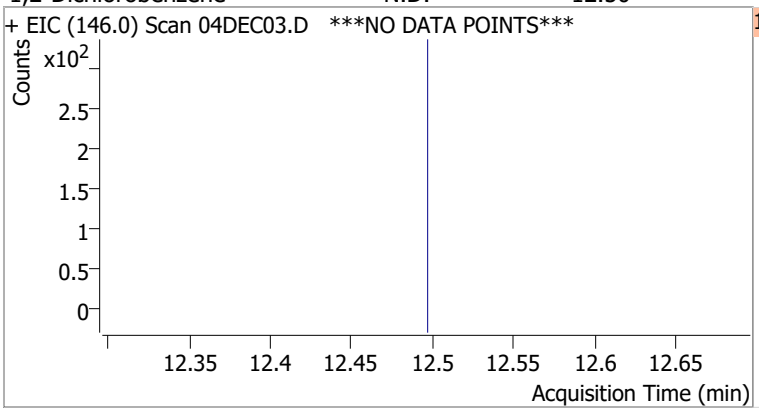


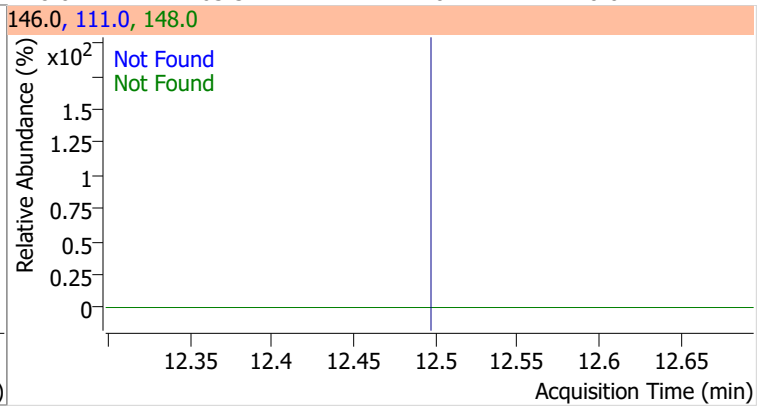
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.8	111.0	40.0





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.50	148.0	63.5	111.0	40.0

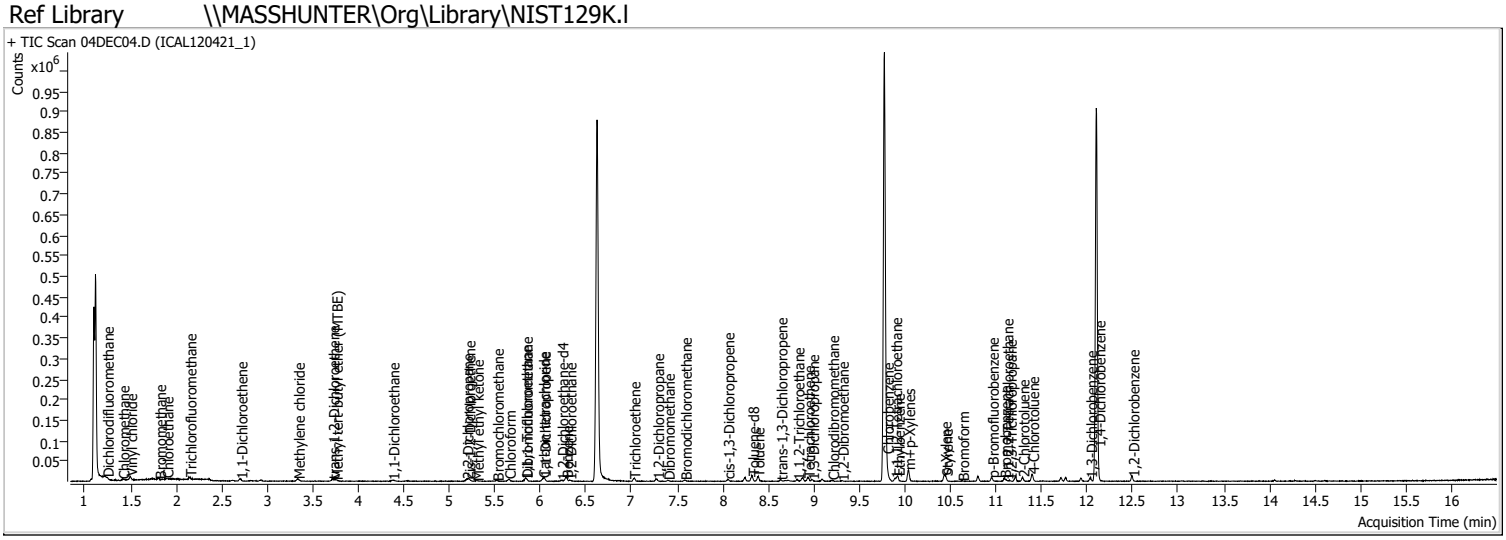




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04DEC04.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 1:03:05 PM
Sample Name	ICAL120421_1	Instrument	VOA5975C
Vial	4	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

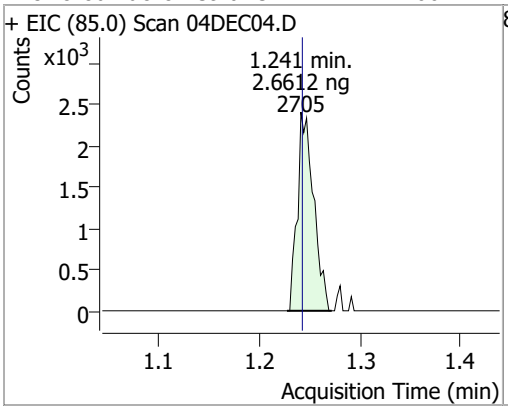


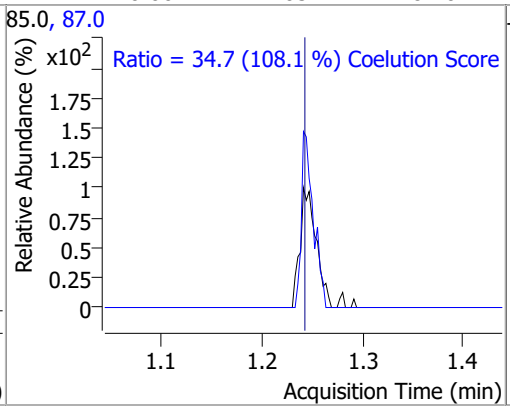
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	736559	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	287164	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	213926	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.840	113.0	2095	2.9864	ng	m	-0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 1.19%		*	
S 1,2-Dichloroethane-d4	6.230	67.0	1059	3.2809	ng	m	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 1.31%		*	
S Toluene-d8	8.322	98.0	8251	2.9087	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 1.16%		*	
S p-Bromofluorobenzene	10.954	95.0	3133	3.8156	ng		0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 1.53%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	2705	2.6612	ng		95
T Chloromethane	1.411	50.0	3199	2.7371	ng		97
T Vinyl chloride	1.498	62.0	2899	2.5997	ng		87
T Bromomethane	1.816	96.0	1106	5.5986	ng	m	83
T Chloroethane	1.894	64.0	2069	3.3336	ng	m	80
T Trichlorofluoromethane	2.148	101.0	3644	2.4999	ng		94
T 1,1-Dichloroethene	2.708	96.0	2105	2.7035	ng		95
T Methylene chloride	3.335	49.0	3991	3.6991	ng		95
T trans-1,2-Dichloroethene	3.718	96.0	2070	2.6621	ng	m	86
T Methyl tert-butyl ether (MTBE)	3.754	73.0	2403	2.4469	ng		89
T 1,1-Dichloroethane	4.376	63.0	3633	2.4590	ng	m	91
T 2,2-Dichloropropane	5.187	77.0	2963	2.7034	ng	m	82
T cis-1,2-Dichloroethene	5.209	96.0	2166	2.7172	ng		91
T Methyl ethyl ketone	5.301	43.0	2758	26.9306	ng	m	74
T Bromochloromethane	5.522	128.0	707	2.3203	ng	m	95
T Chloroform	5.653	83.0	3737	2.6359	ng		93

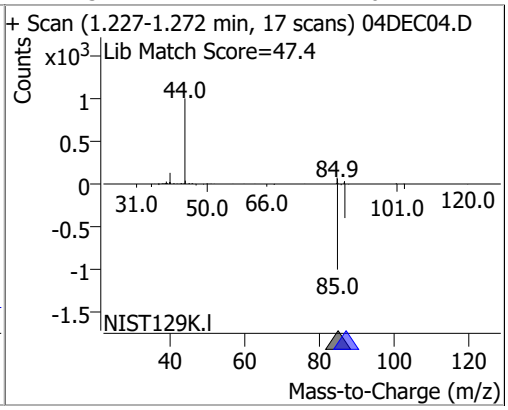
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	3584	2.6217	ng		95
T Carbon tetrachloride	6.027	117.0	2900	2.1754	ng	m	93
T 1,1-Dichloropropene	6.038	75.0	2753	2.3127	ng		93
T Benzene	6.280	78.0	7851	2.5915	ng		95
T 1,2-Dichloroethane	6.317	62.0	2195	2.7529	ng	m	97
T Trichloroethene	7.022	95.0	2473	2.6573	ng		98
T 1,2-Dichloropropane	7.281	63.0	1834	2.3709	ng	m	89
T Dibromomethane	7.399	93.0	725	2.2333	ng	m	97
T Bromodichloromethane	7.585	83.0	2238	2.4397	ng	m	87
T cis-1,3-Dichloropropene	8.051	75.0	2602	2.5723	ng		95
T Toluene	8.383	92.0	4836	2.5106	ng		91
T trans-1,3-Dichloropropene	8.634	75.0	1711	2.3738	ng	m	95
T 1,1,2-Trichloroethane	8.821	83.0	960	2.5626	ng	m	80
T Tetrachloroethene	8.932	163.8	1932	2.5058	ng	m	98
T 1,3-Dichloropropane	8.982	76.0	1951	2.5899	ng	m	96
T Chlorodibromomethane	9.203	129.0	1395	2.4907	ng	m	94
T 1,2-Dibromoethane	9.306	107.0	901	2.2376	ng	m	96
T Chlorobenzene	9.802	112.0	4830	2.3077	ng		93
T 1,1,1,2-Tetrachloroethane	9.892	131.0	2174	2.9621	ng		84
T Ethylbenzene	9.922	91.0	8849	2.4084	ng		100
T m+p-Xylenes	10.034	106.0	6562	4.6188	ng		89
T o-Xylene	10.433	106.0	3018	2.3899	ng		99
T Styrene	10.449	104.0	4474	2.2053	ng		90
T Bromoform	10.628	172.5	750	2.8008	ng	#m	65
T Bromobenzene	11.091	156.0	1792	2.4582	ng	m	92
T 1,1,2,2-Tetrachloroethane	11.113	83.0	1245	2.8953	ng	m	91
T 1,2,3-Trichloropropane	11.152	110.0	360	3.1587	ng	m	62
T 2-Chlorotoluene	11.289	126.0	1628	2.2735	ng	m	92
T 4-Chlorotoluene	11.397	91.0	5541	2.2817	ng		96
T 1,3-Dichlorobenzene	12.033	146.0	3306	2.5244	ng	m	93
T 1,4-Dichlorobenzene	12.122	146.0	3631	2.6925	ng		83
T 1,2-Dichlorobenzene	12.496	146.0	2564	2.3591	ng		88

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

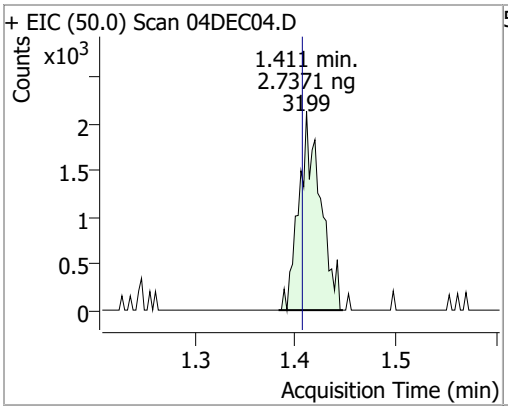
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	2.6612	1.24	0.00	2705	87.0	34.7	2.1	62.1

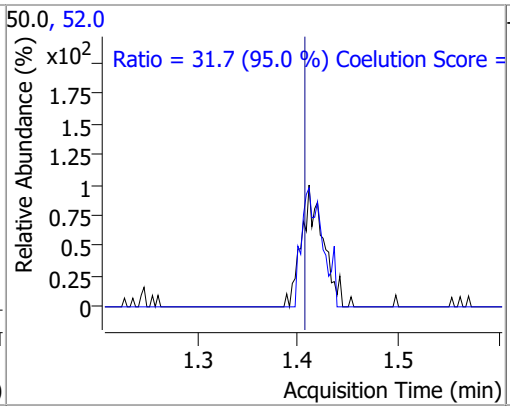


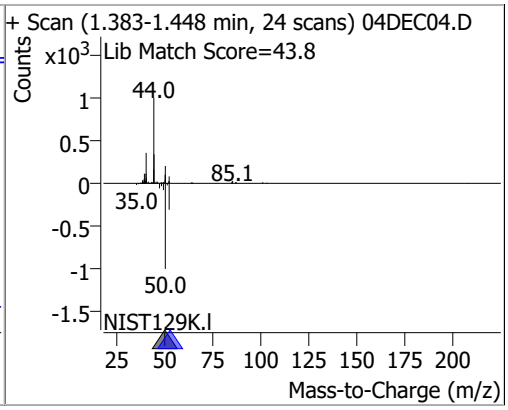




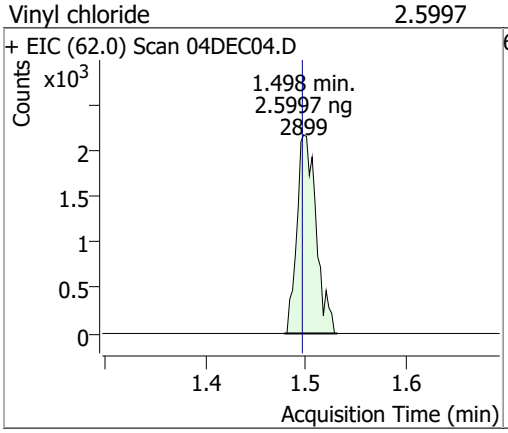
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	2.7371	1.41	0.01	3199	52.0	31.7	3.4	63.4

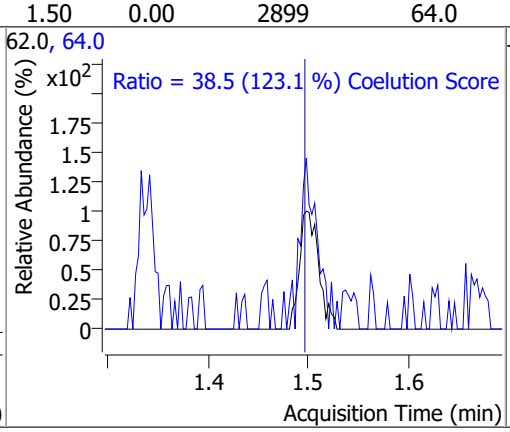


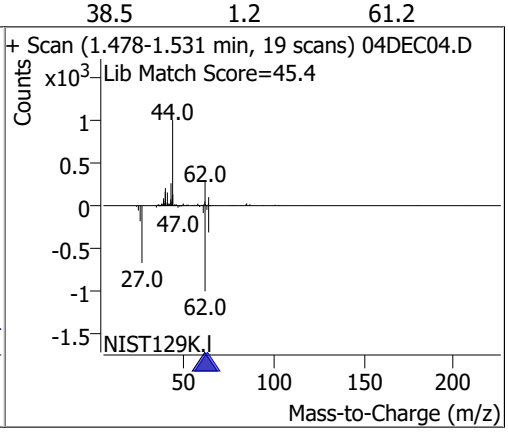




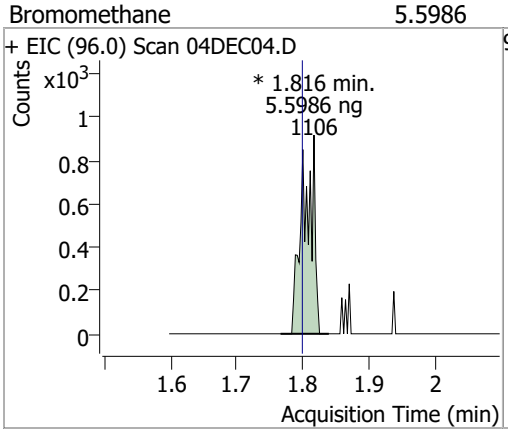
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	2.5997	1.50	0.00	2899	64.0	38.5	1.2	61.2

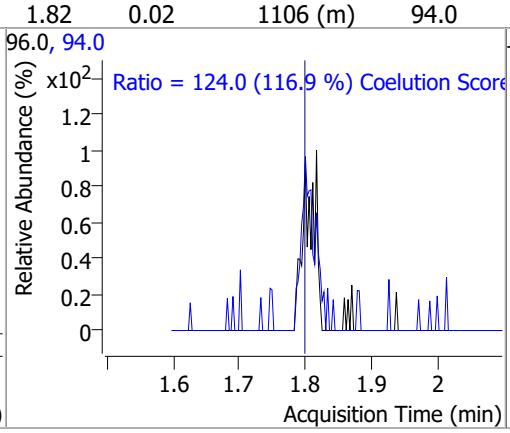


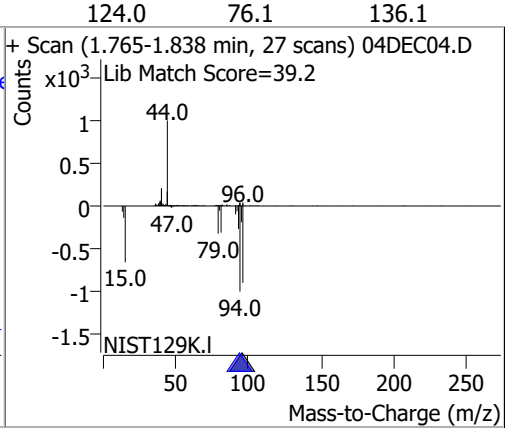




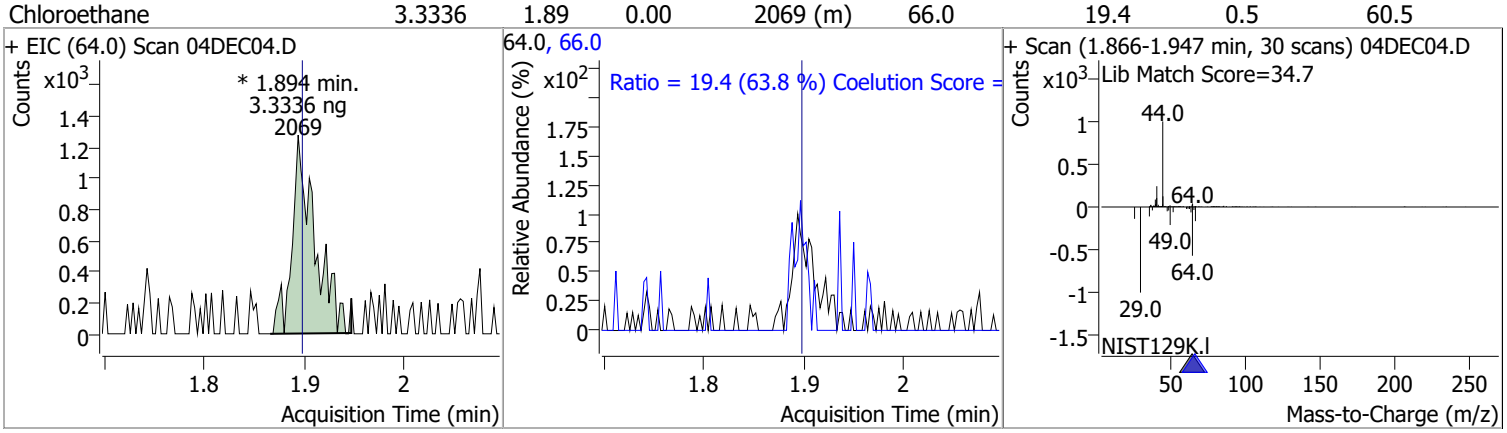
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	5.5986	1.82	0.02	1106 (m)	94.0	124.0	76.1	136.1



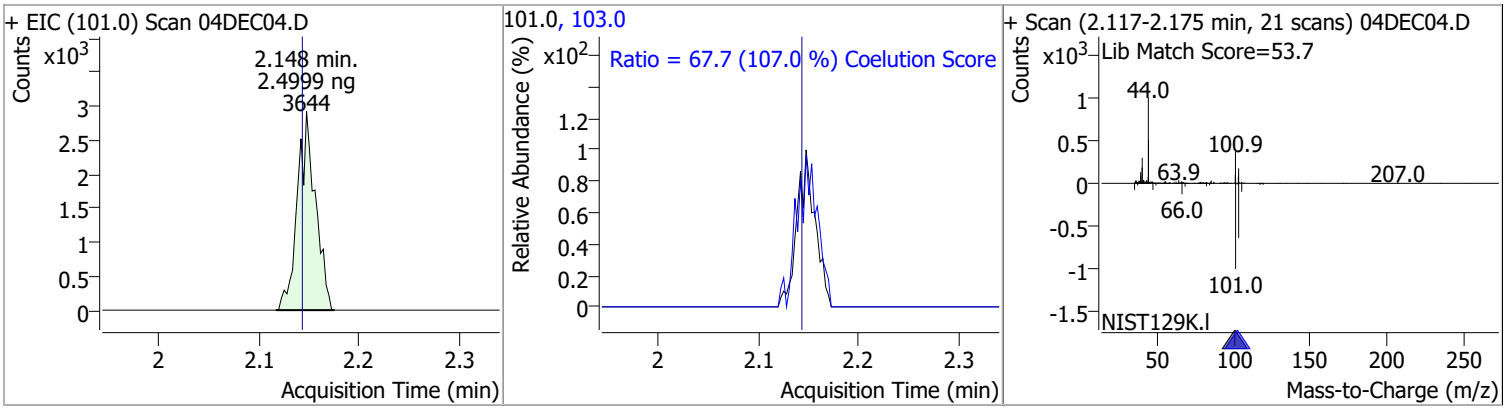




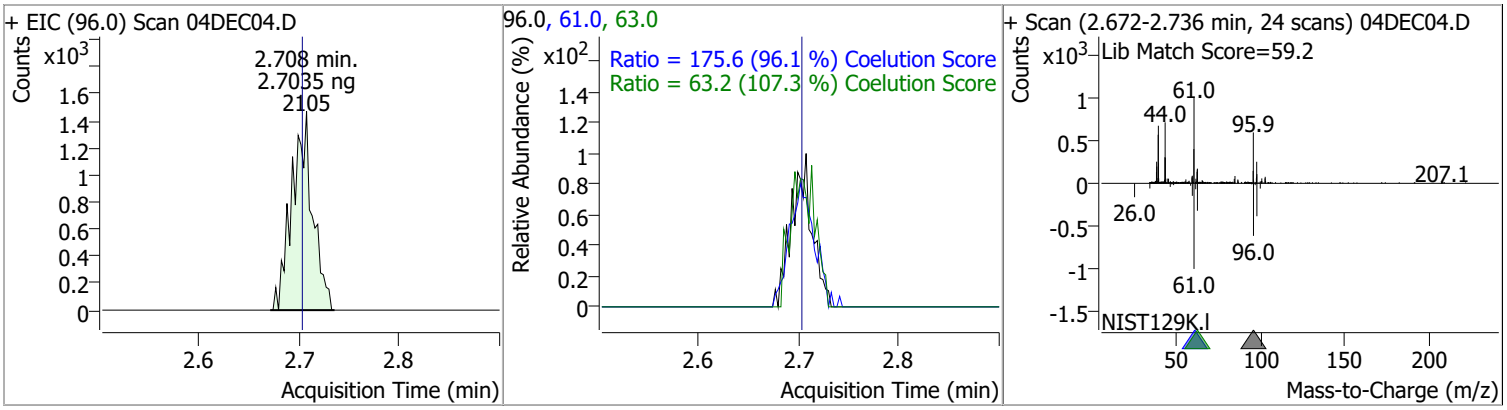
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	3.3336	1.89	0.00	2069 (m)	66.0	19.4	0.5	60.5



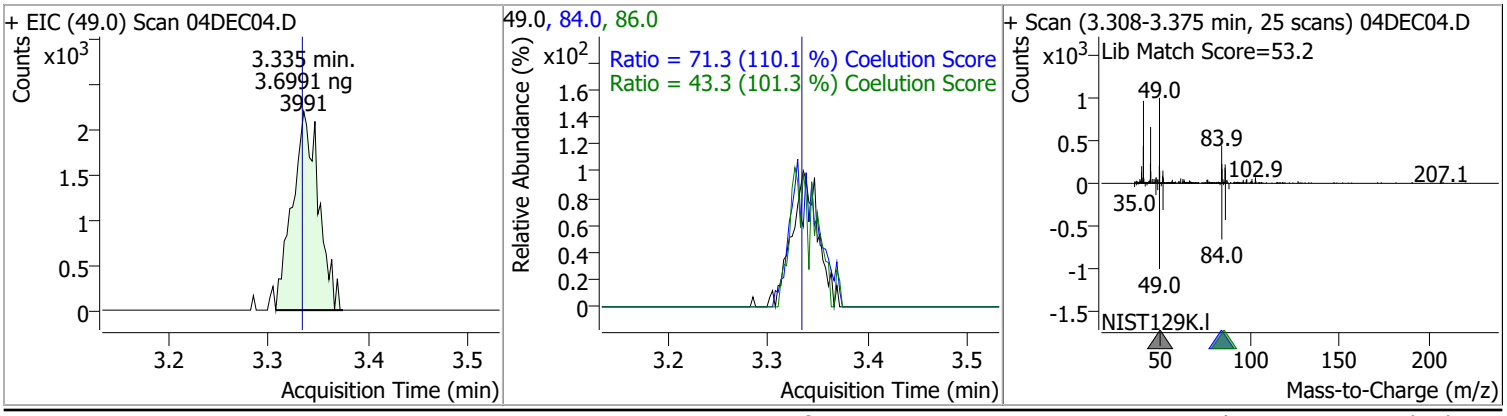
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	2.4999	2.15	0.01	3644	103.0	67.7	33.3	93.3



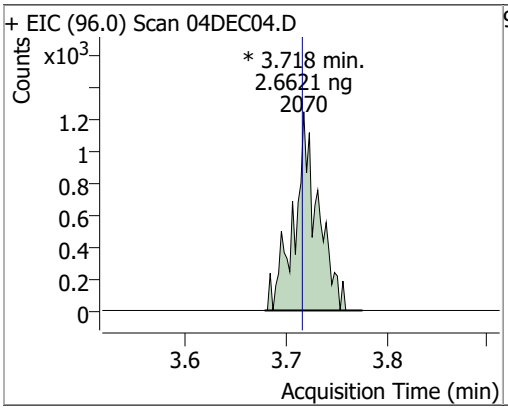
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	2.7035	2.71	0.01	2105	61.0	175.6	152.6	212.6
					63.0	63.2	28.9	88.9

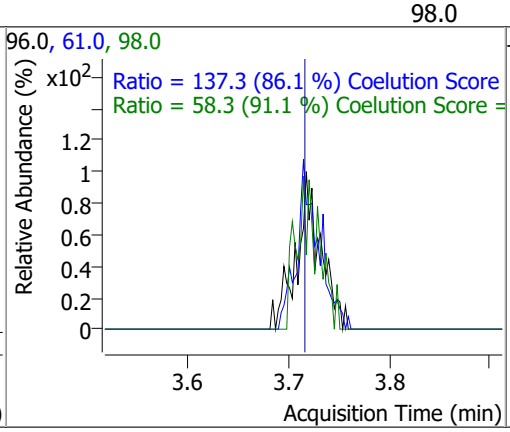


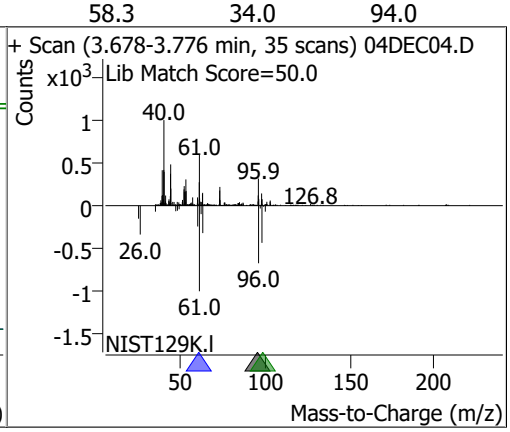
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	3.6991	3.34	0.00	3991	84.0	71.3	34.8	94.8
					86.0	43.3	12.7	72.7



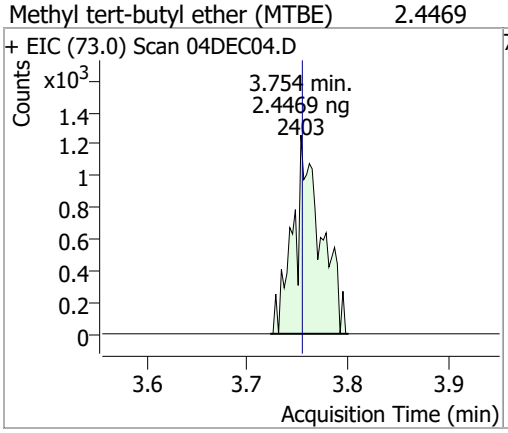
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	2.6621	3.72	0.00	2070 (m)	61.0	137.3	129.4	189.4
					98.0	58.3	34.0	94.0

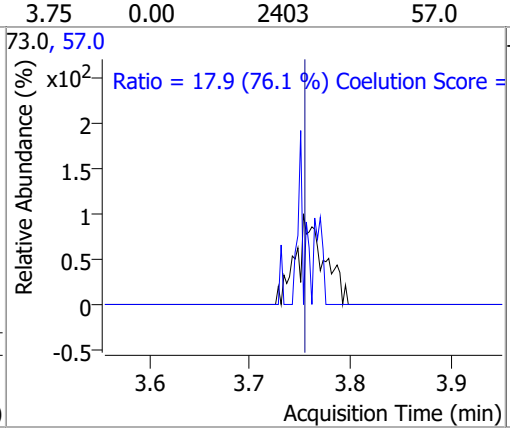


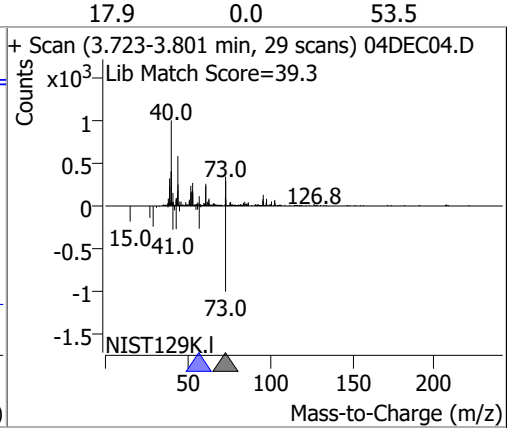




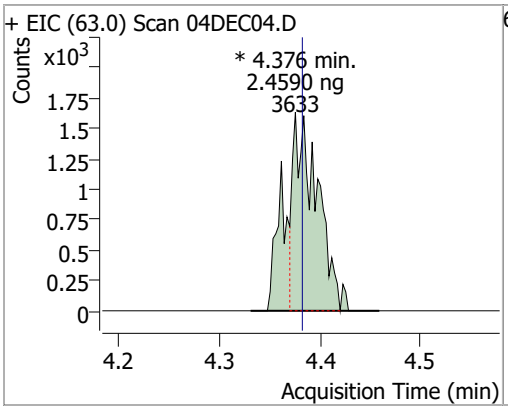
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	2.4469	3.75	0.00	2403	57.0	17.9	0.0	53.5

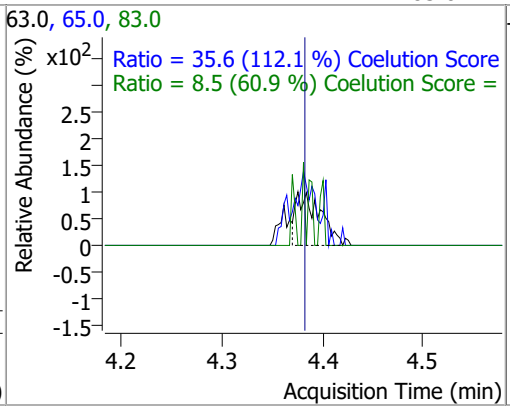


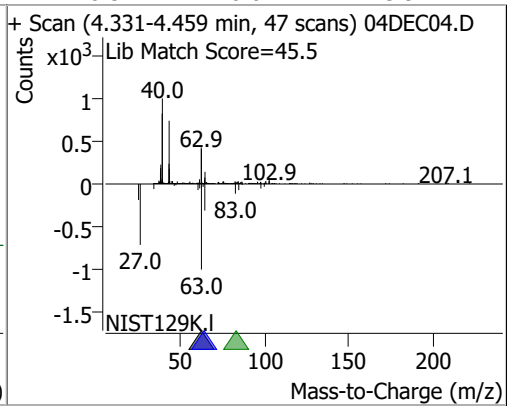




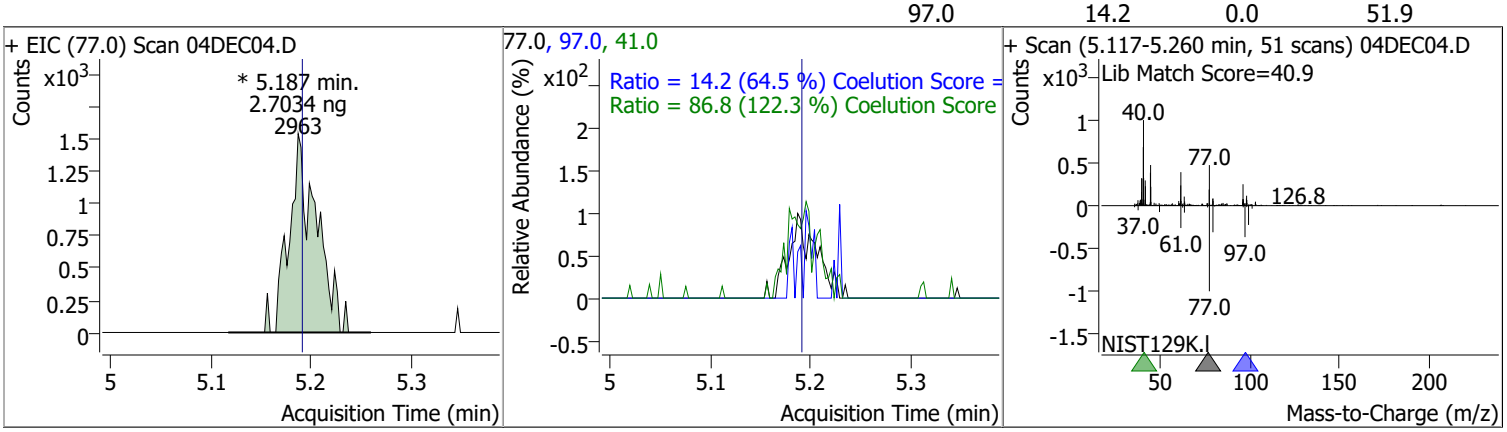
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	2.4590	4.38	-0.01	3633 (m)	65.0	35.6	1.7	61.7
					83.0	8.5	0.0	43.9



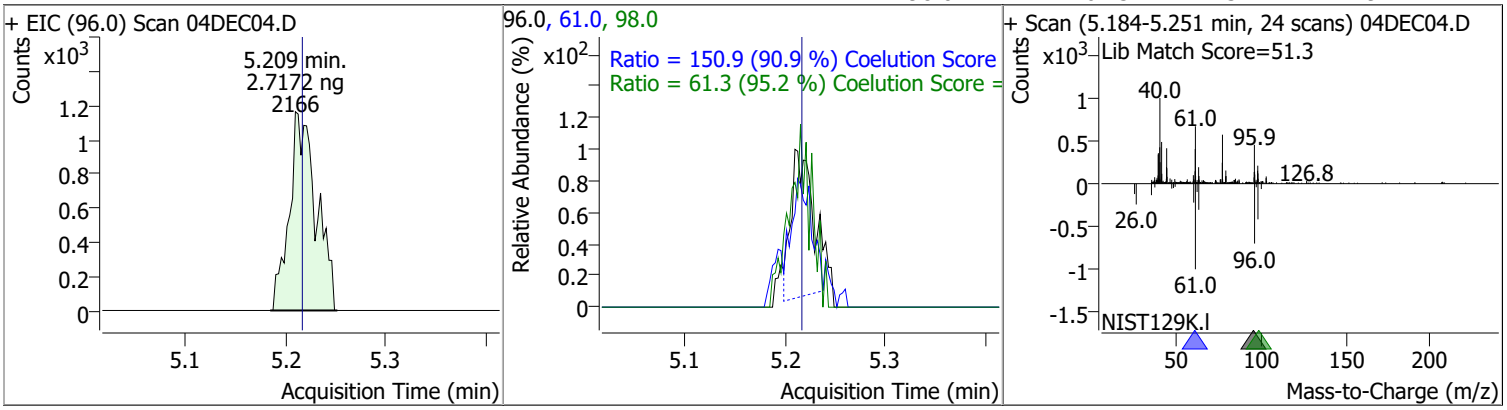




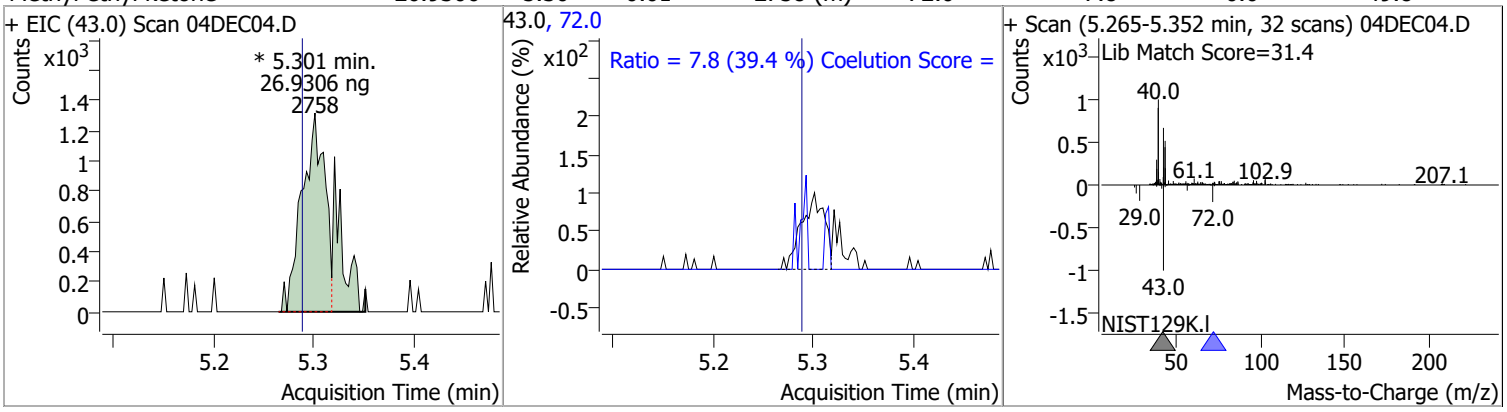
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	2.7034	5.19	0.00	2963 (m)	41.0	86.8	41.0	101.0
					97.0	14.2	0.0	51.9



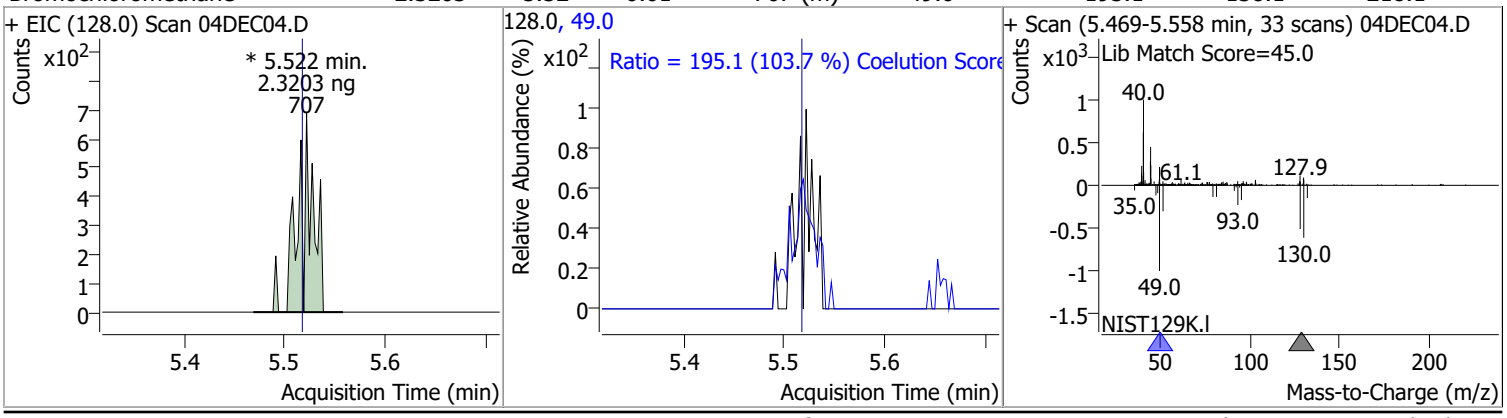
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	2.7172	5.21	-0.01	2166	61.0	150.9	135.9	195.9
					98.0	61.3	34.4	94.4



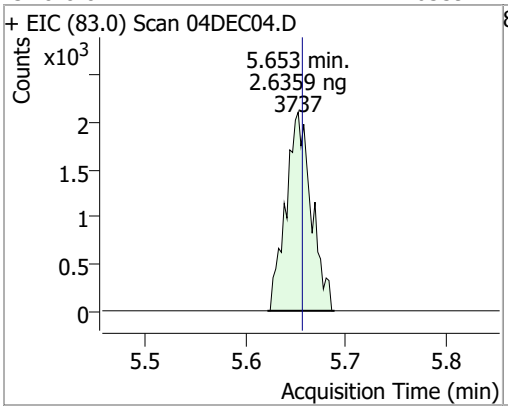
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	26.9306	5.30	0.01	2758 (m)	72.0	7.8	0.0	49.8

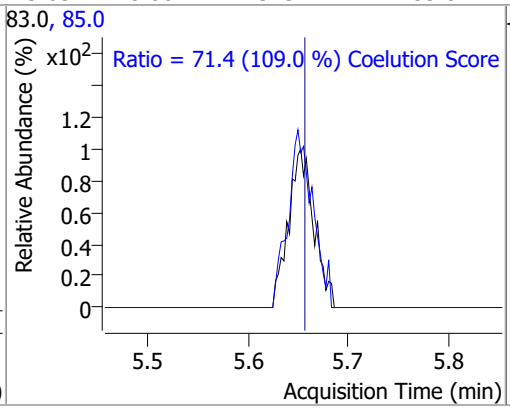


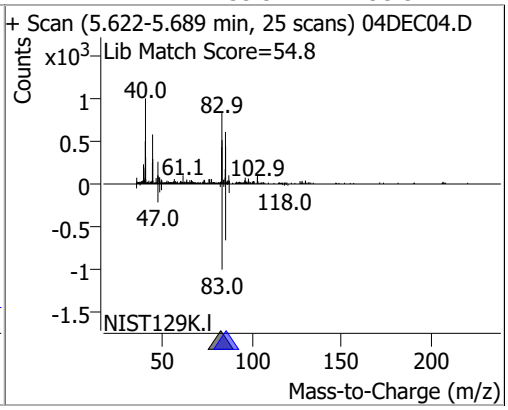
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	2.3203	5.52	0.01	707 (m)	49.0	195.1	158.1	218.1



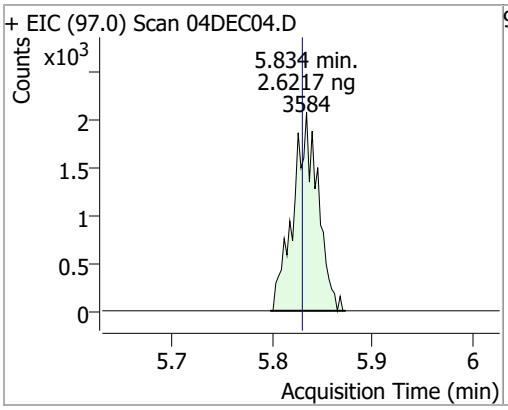
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	2.6359	5.65	0.00	3737	85.0	71.4	35.5	95.5

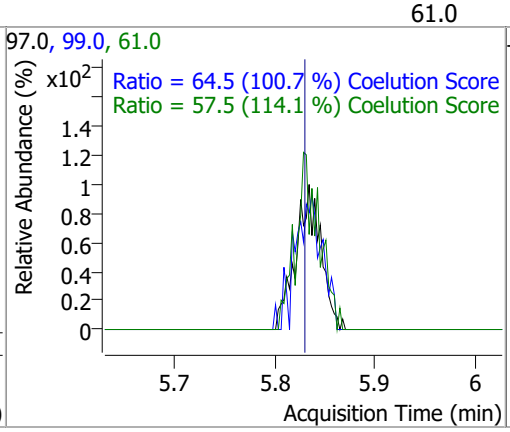


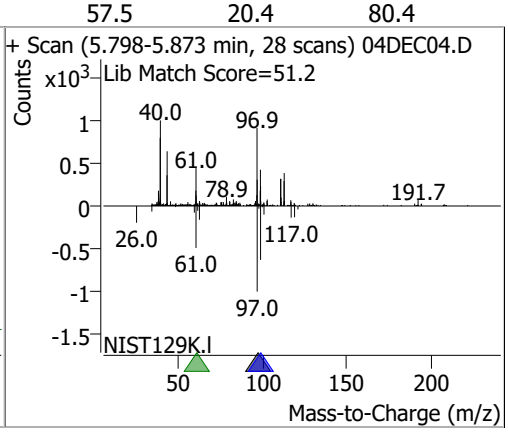




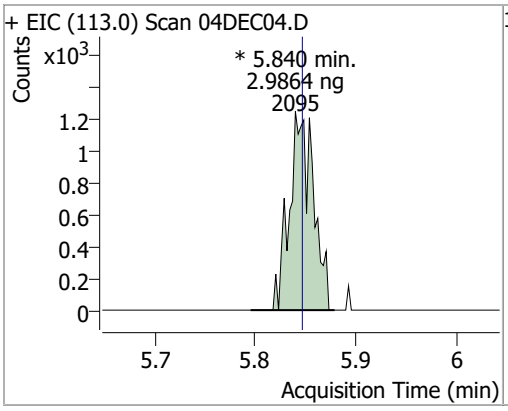
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	2.6217	5.83	0.01	3584	99.0	64.5	34.0	94.0
					61.0	57.5	20.4	80.4

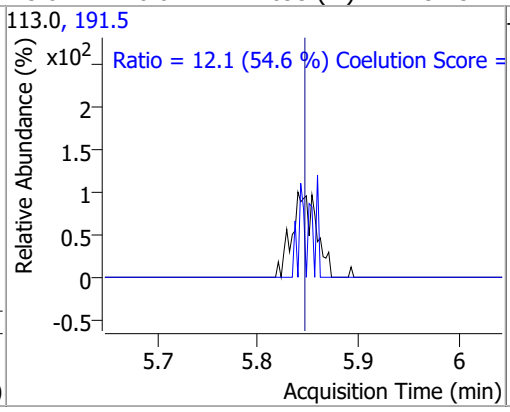


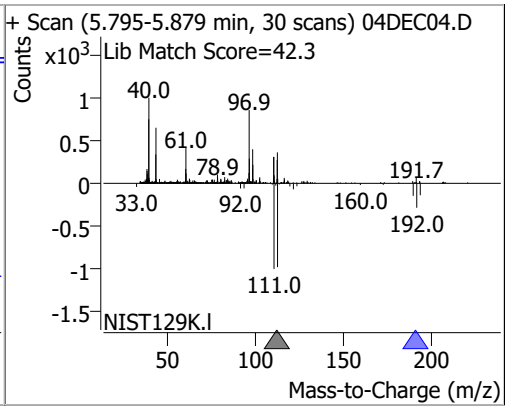




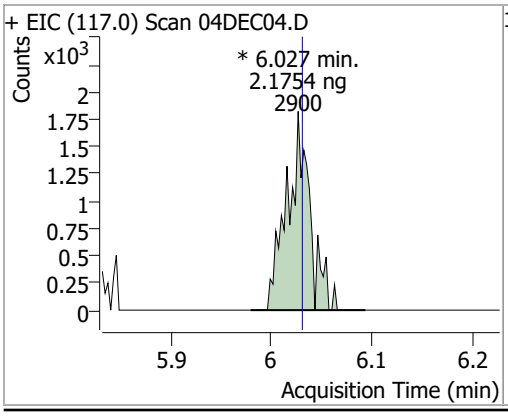
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	2.9864	5.84	-0.01	2095 (m)	191.5	12.1	0.0	52.1

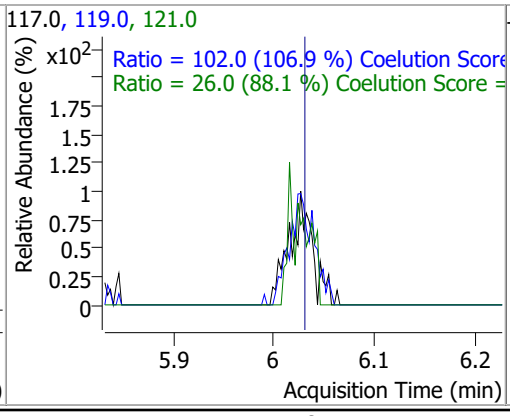


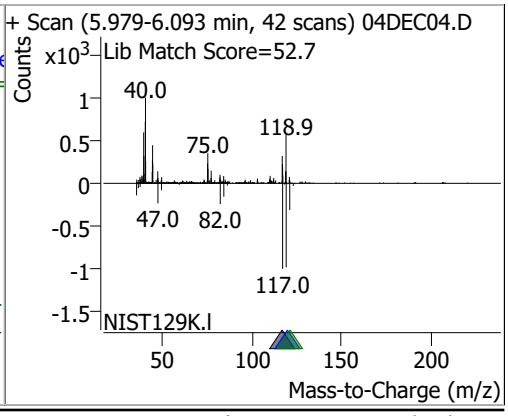




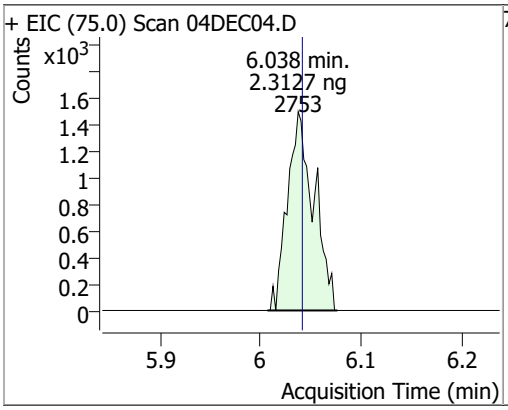
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	2.1754	6.03	0.00	2900 (m)	119.0	102.0	65.4	125.4
					121.0	26.0	0.0	59.5

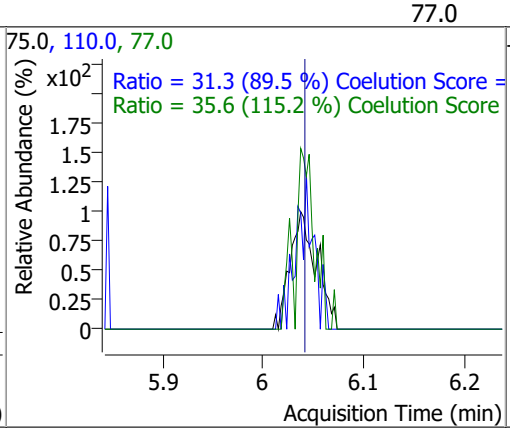


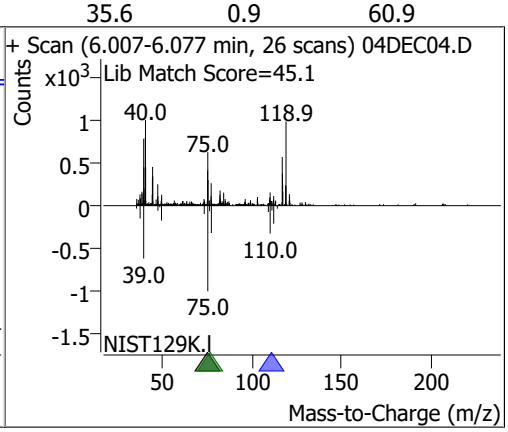




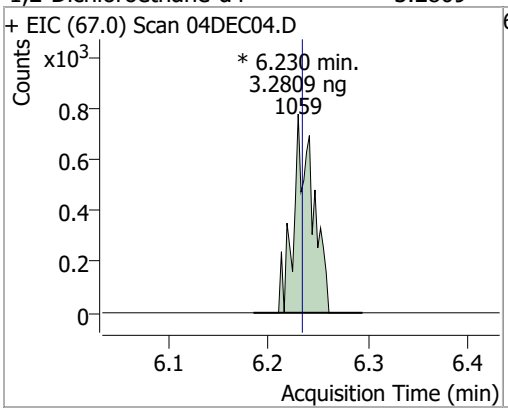
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	2.3127	6.04	0.00	2753	110.0	31.3	5.0	65.0
					77.0	35.6	0.9	60.9

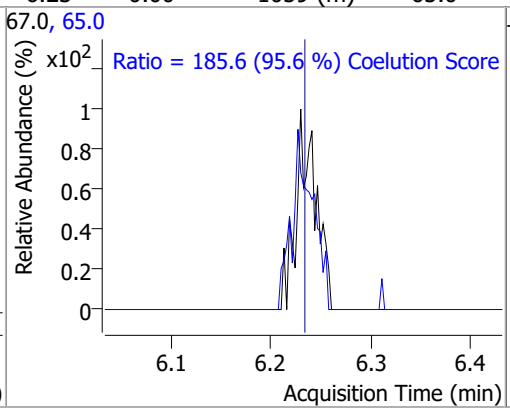


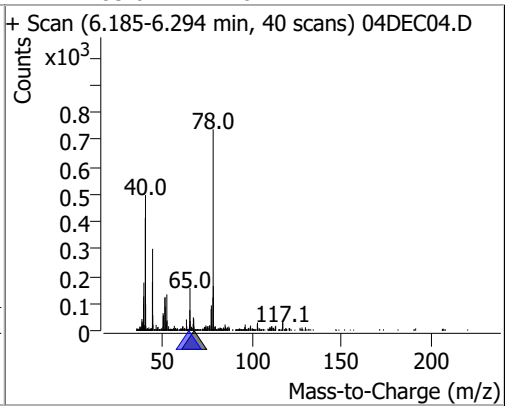




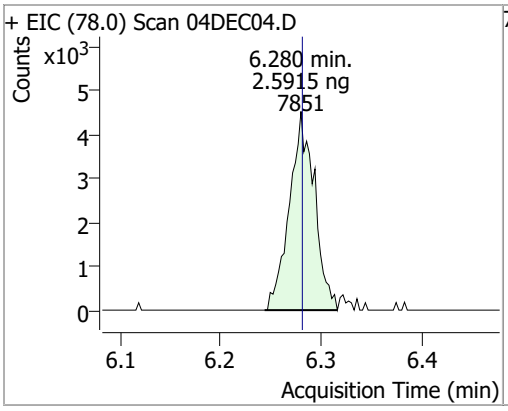
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	3.2809	6.23	0.00	1059 (m)	65.0	185.6	164.2	224.2

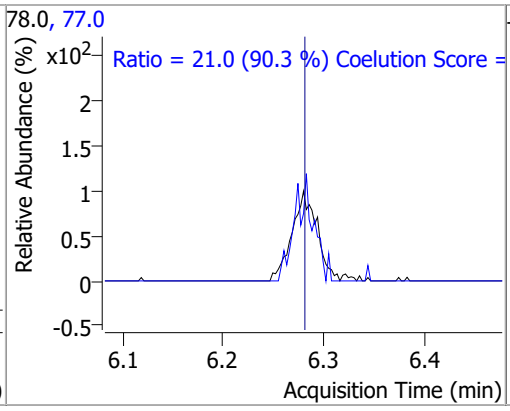


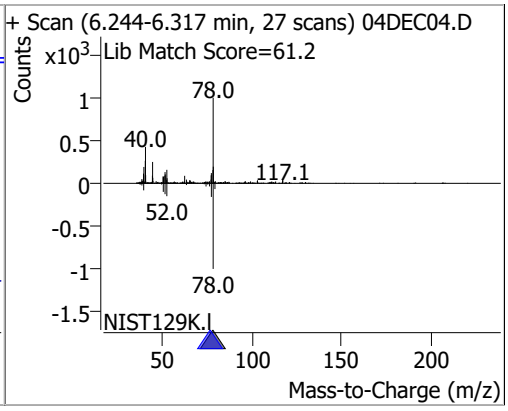




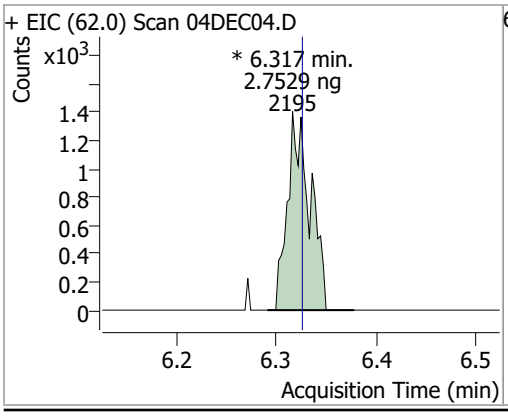
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.5915	6.28	0.00	7851	77.0	21.0	0.0	53.3

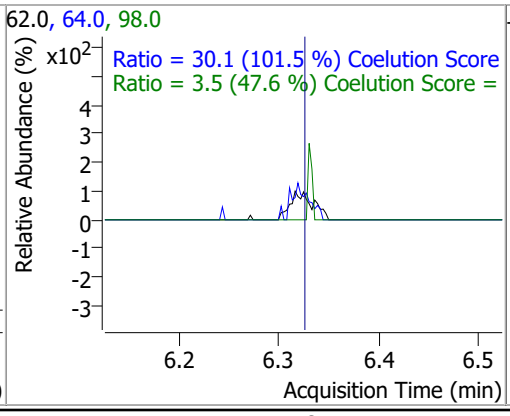


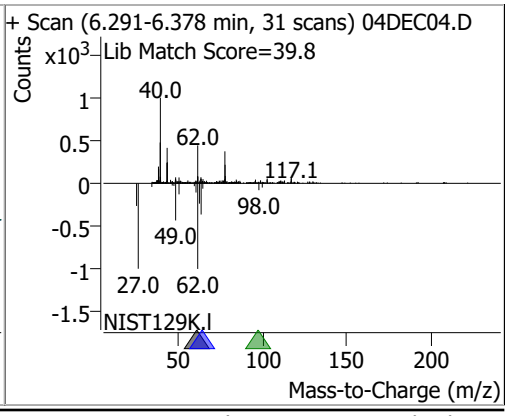




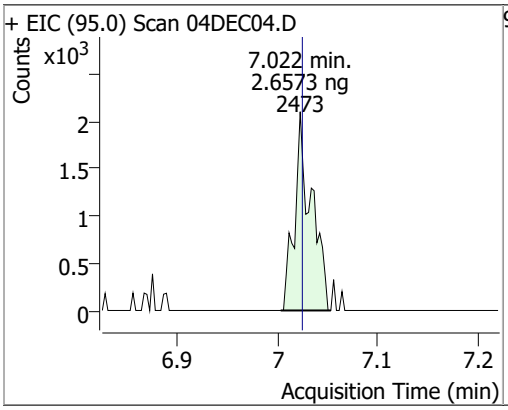
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.7529	6.32	-0.01	2195 (m)	64.0	30.1	0.0	59.6
					98.0	3.5	0.0	37.4

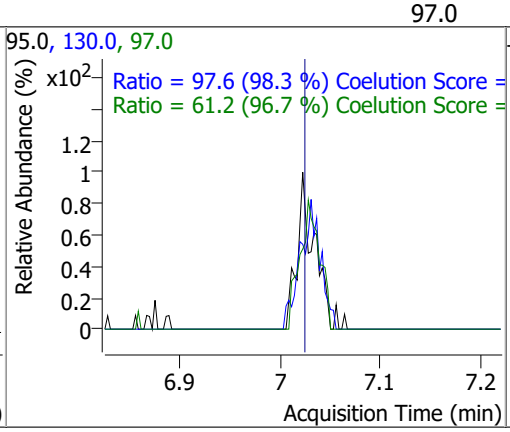


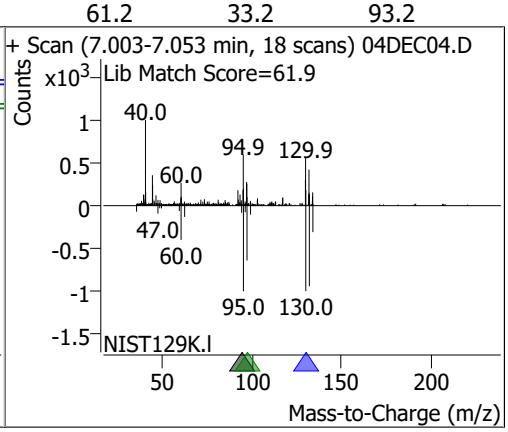




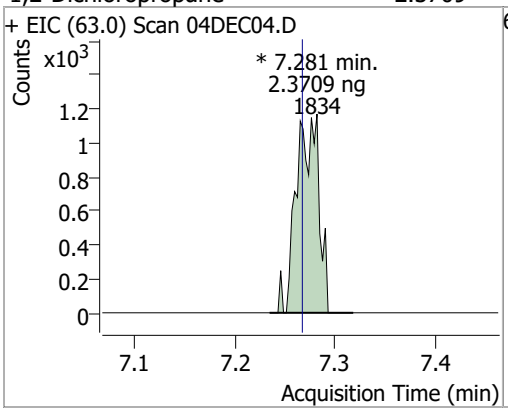
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	2.6573	7.02	0.00	2473	130.0	97.6	69.3	129.3
					97.0	61.2	33.2	93.2

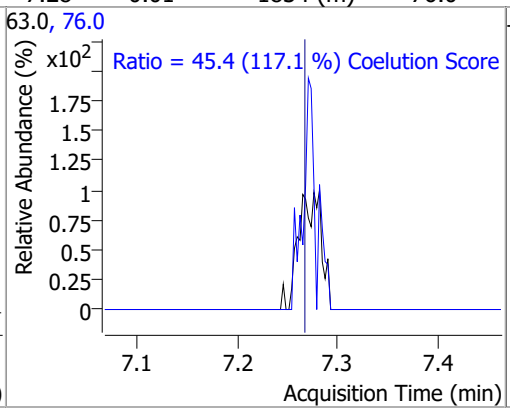


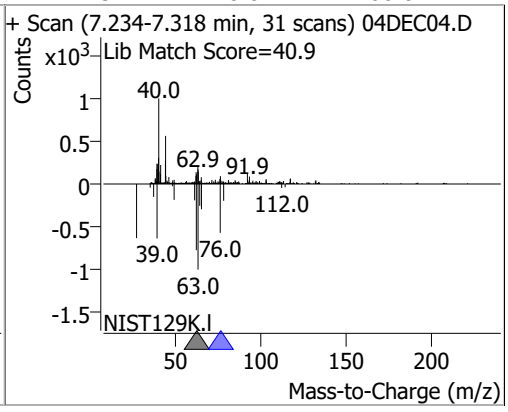




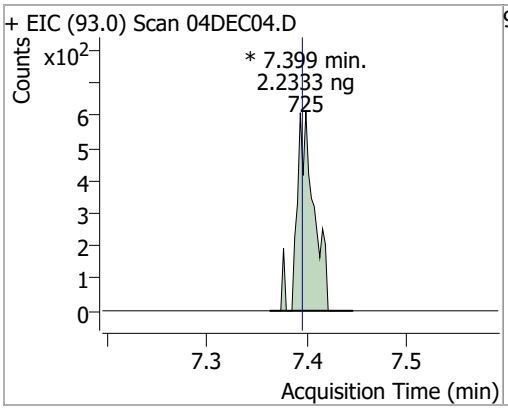
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	2.3709	7.28	0.01	1834 (m)	76.0	45.4	8.8	68.8

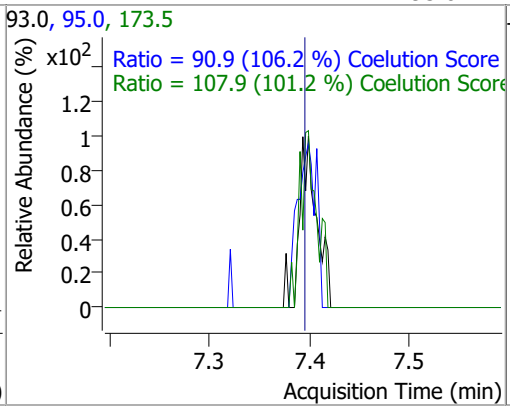


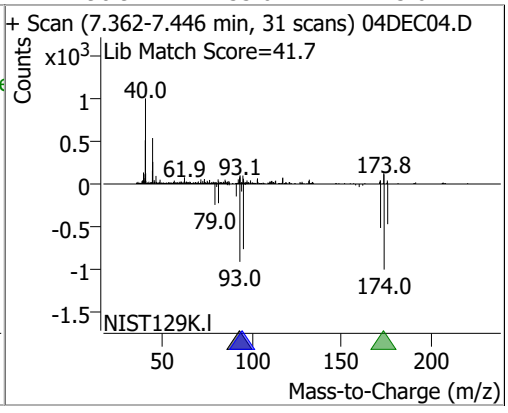




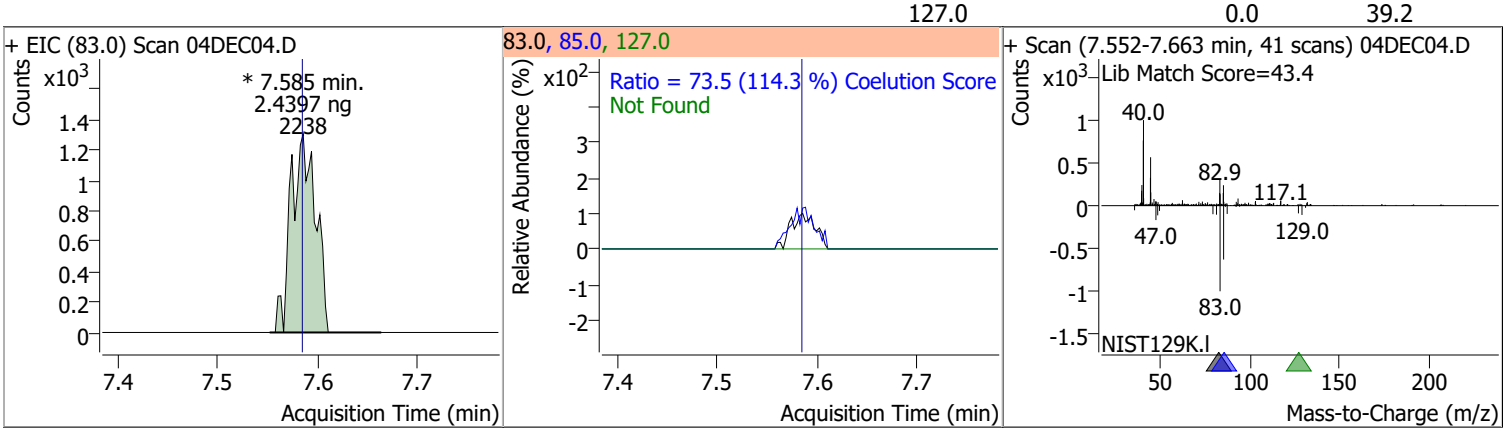
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	2.2333	7.40	0.00	725 (m)	173.5	107.9	76.6	136.6
					95.0	90.9	55.6	115.6



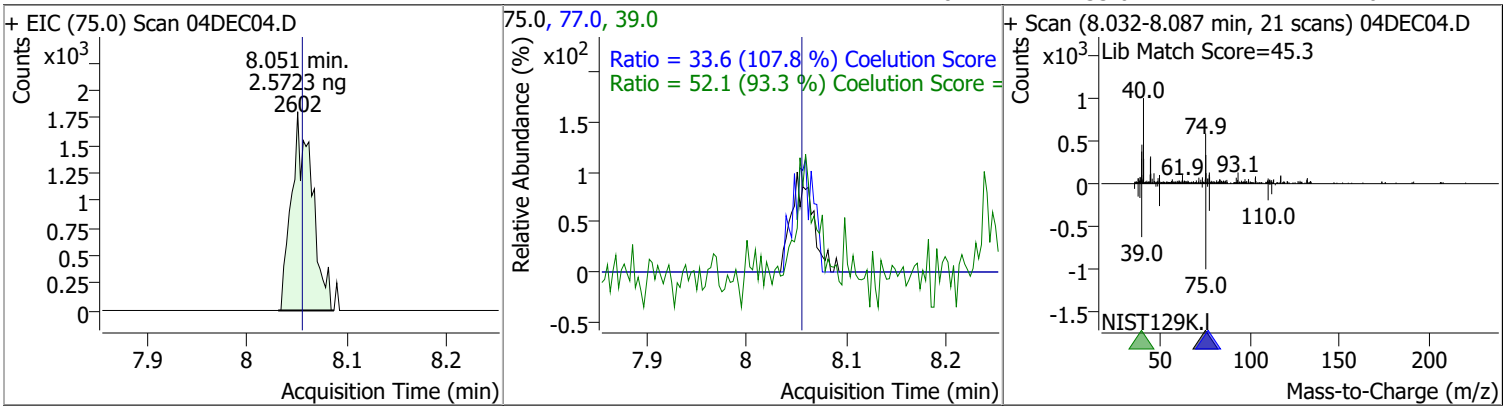




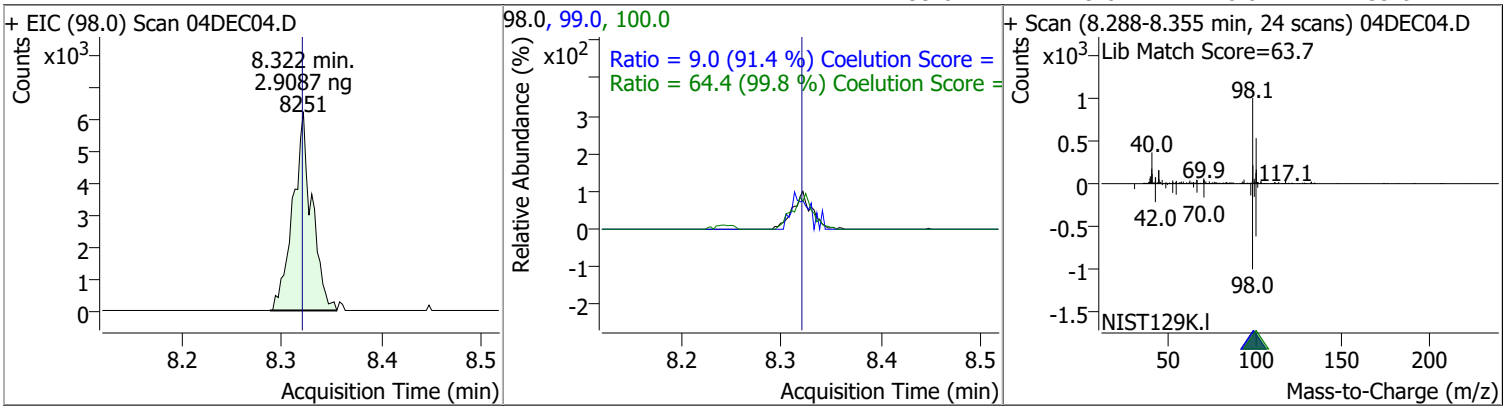
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	2.4397	7.59	0.00	2238 (m)	85.0	73.5	34.3	94.3
					127.0		0.0	39.2



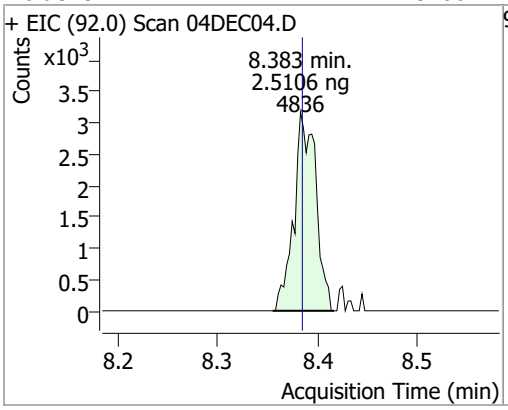
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	2.5723	8.05	-0.01	2602	39.0	52.1	25.9	85.9
					77.0	33.6	1.2	61.2

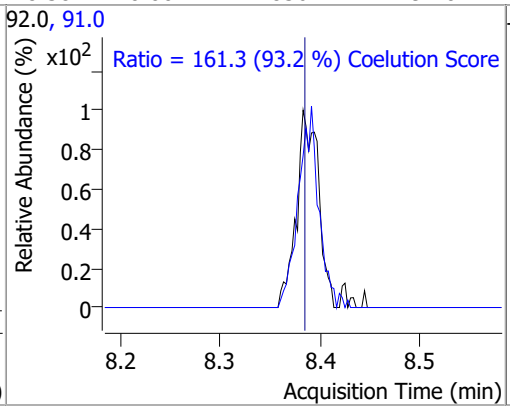


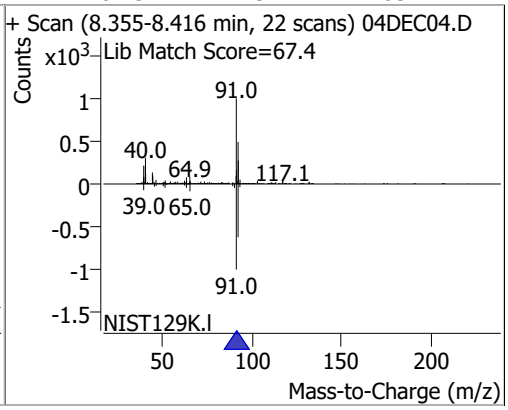
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	2.9087	8.32	0.00	8251	100.0	64.4	34.6	94.6
					99.0	9.0	0.0	39.8



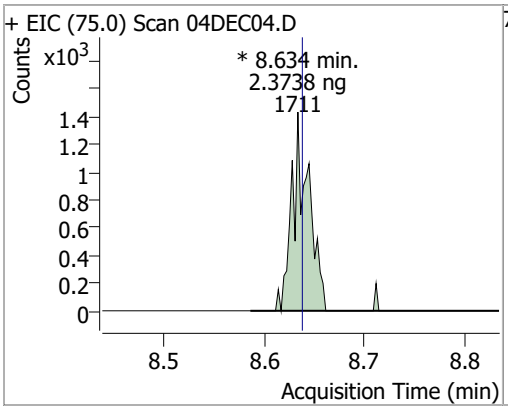
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.5106	8.38	0.00	4836	91.0	161.3	143.1	203.1

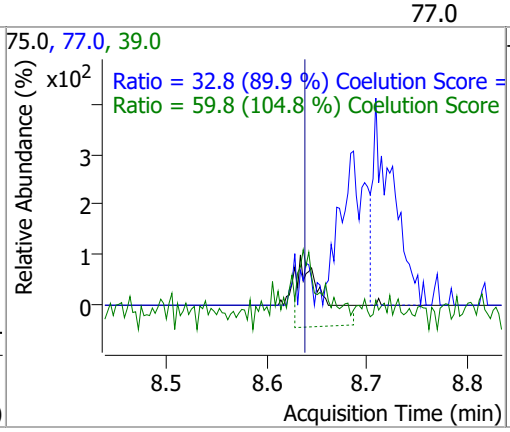


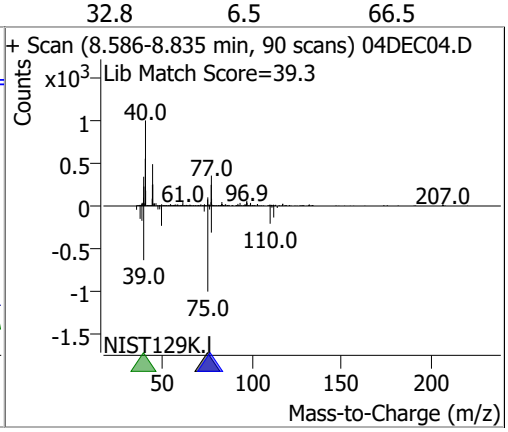




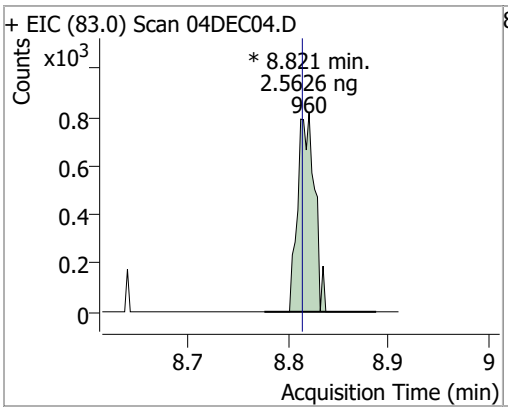
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	2.3738	8.63	-0.01	1711 (m)	39.0	59.8	27.0	87.0
					77.0	32.8	6.5	66.5

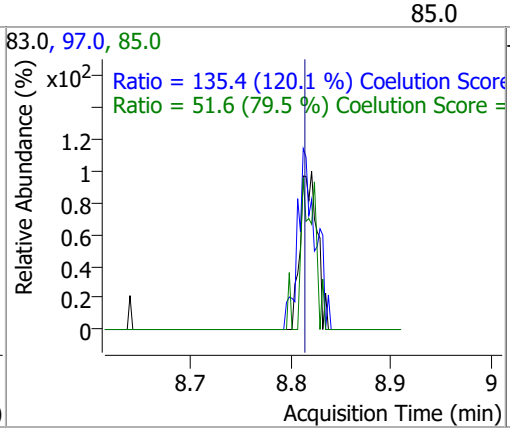


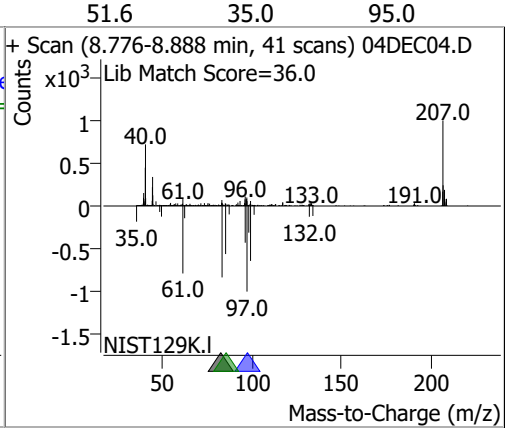




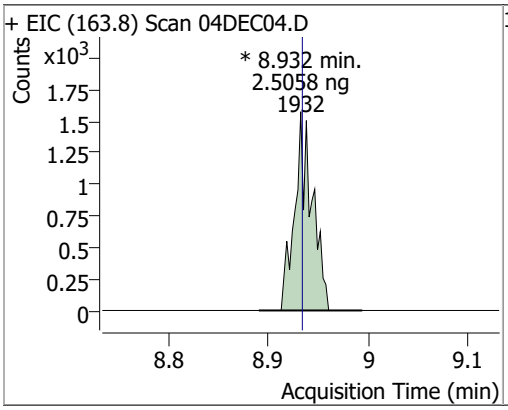
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	2.5626	8.82	0.01	960 (m)	97.0	135.4	82.7	142.7
					85.0	51.6	35.0	95.0

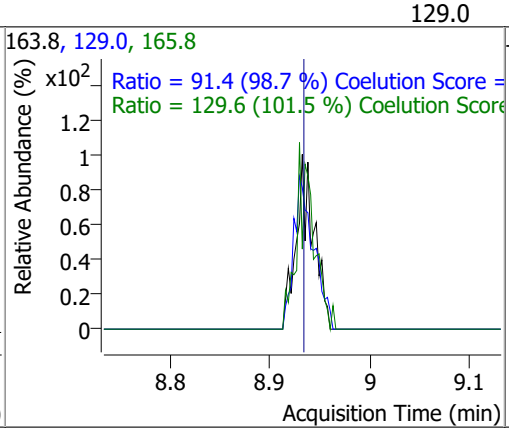


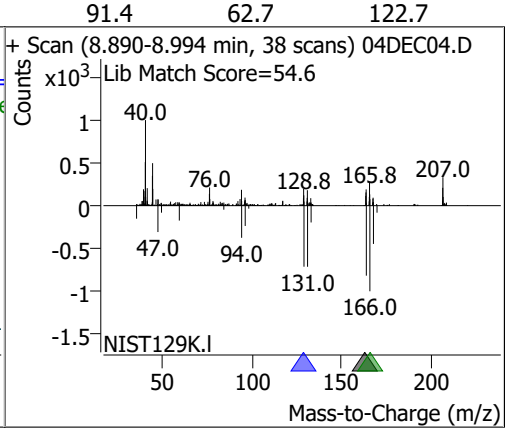




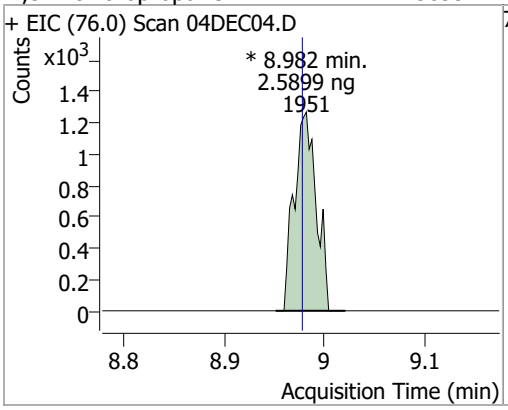
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	2.5058	8.93	0.00	1932 (m)	165.8	129.6	97.7	157.7
					129.0	91.4	62.7	122.7

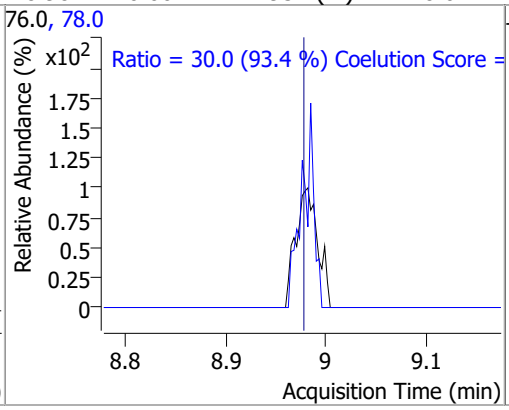


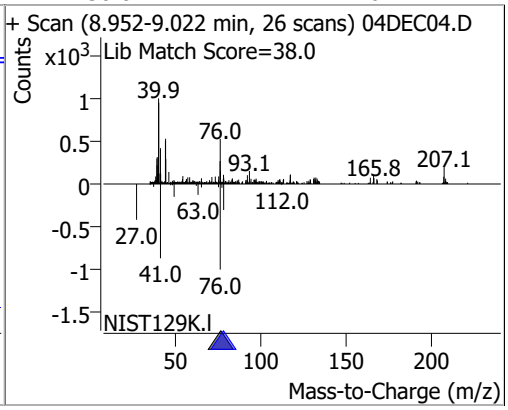




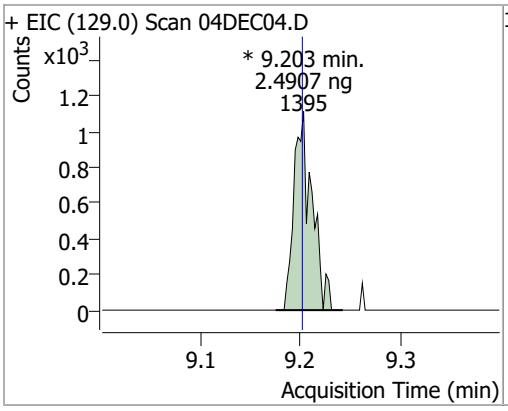
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	2.5899	8.98	0.00	1951 (m)	78.0	30.0	2.1	62.1

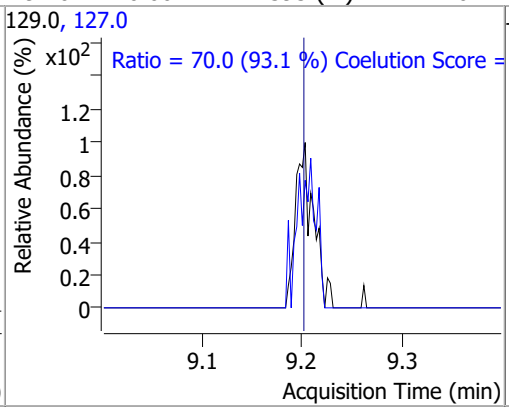


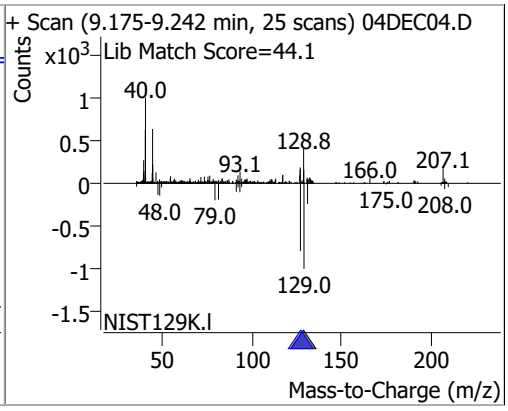




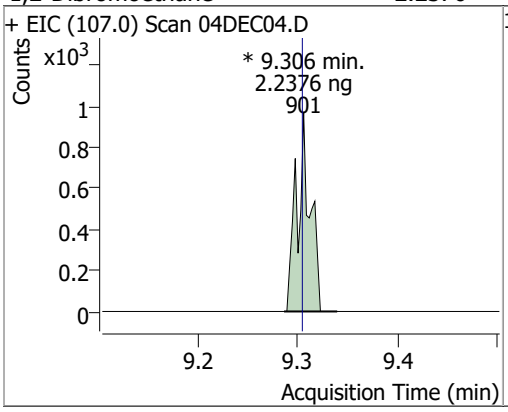
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	2.4907	9.20	0.00	1395 (m)	127.0	70.0	45.1	105.1

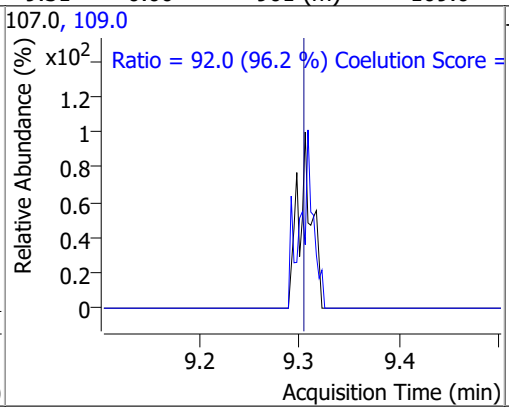


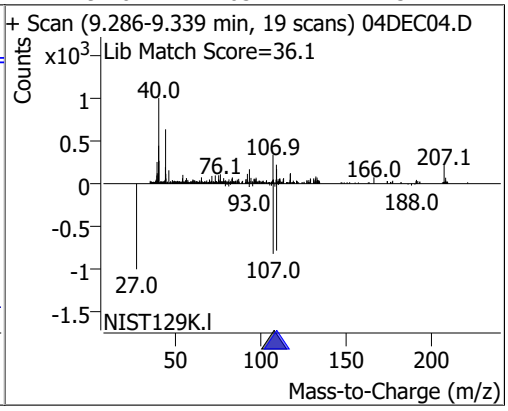




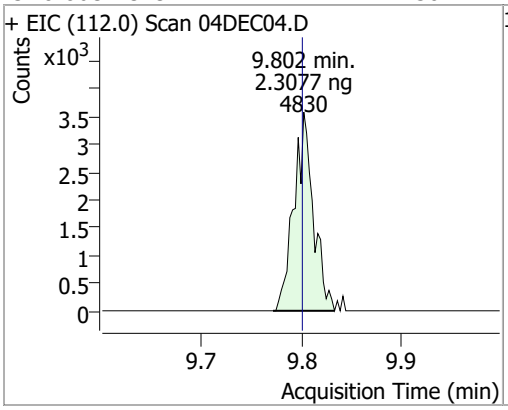
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	2.2376	9.31	0.00	901 (m)	109.0	92.0	65.7	125.7

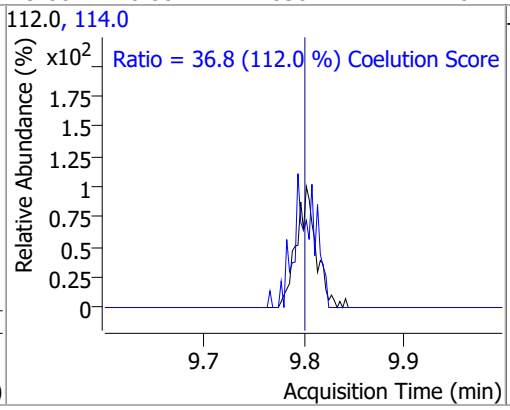


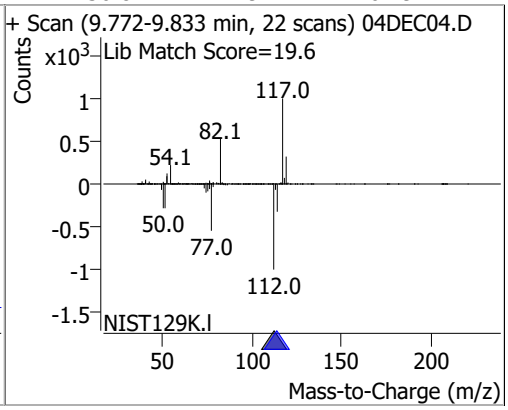




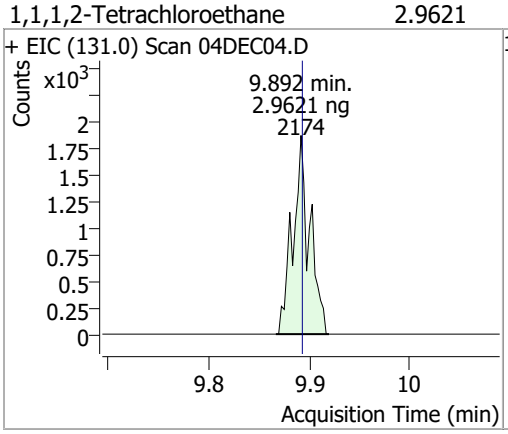
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	2.3077	9.80	0.00	4830	114.0	36.8	2.9	62.9

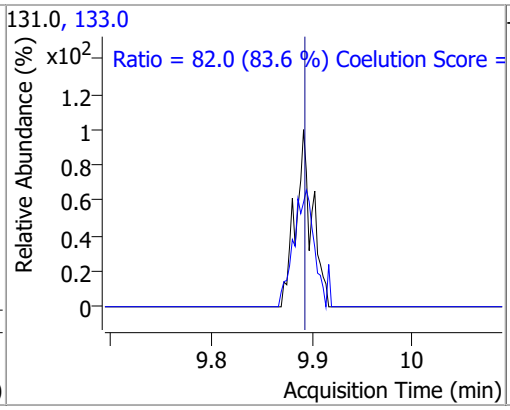


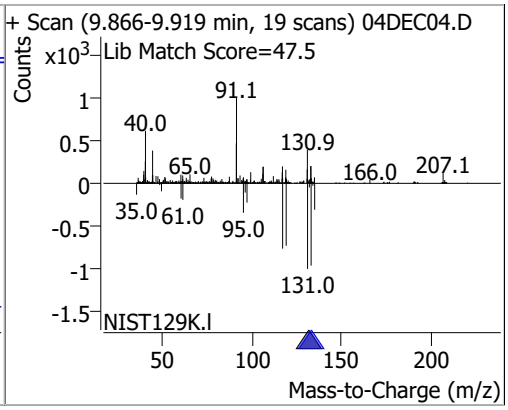




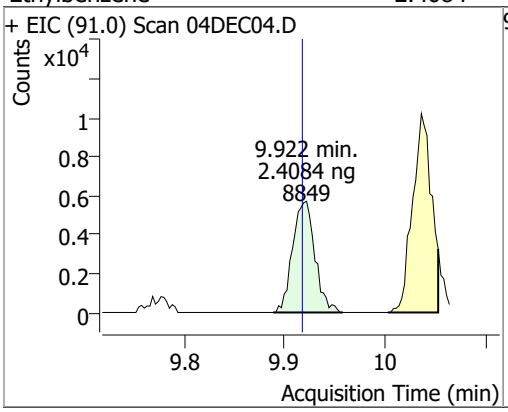
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	2.9621	9.89	0.00	2174	133.0	82.0	68.0	128.0

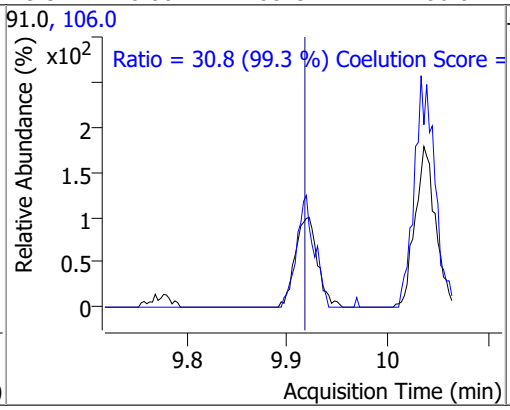


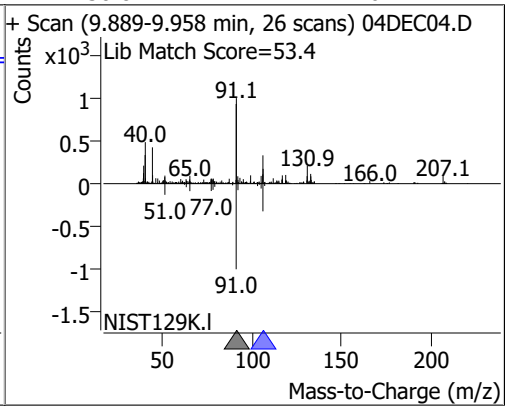




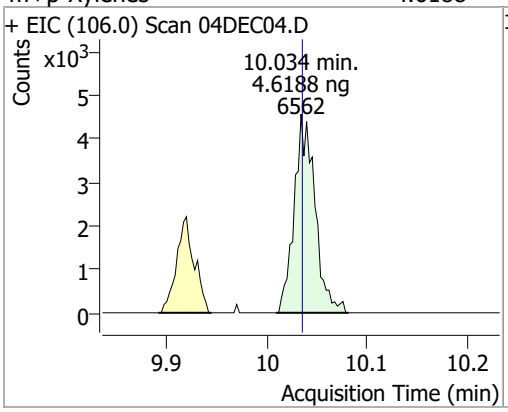
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	2.4084	9.92	0.00	8849	106.0	30.8	1.1	61.1

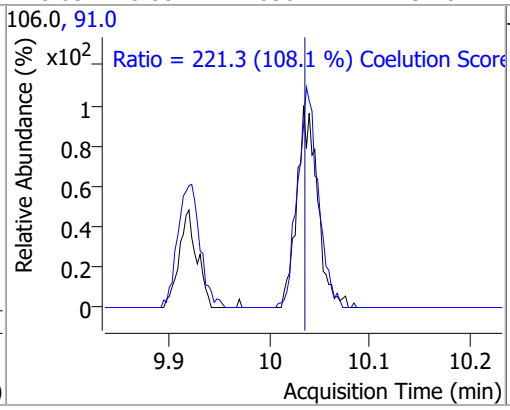


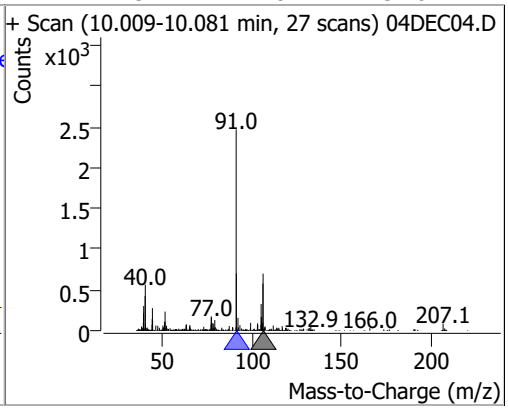




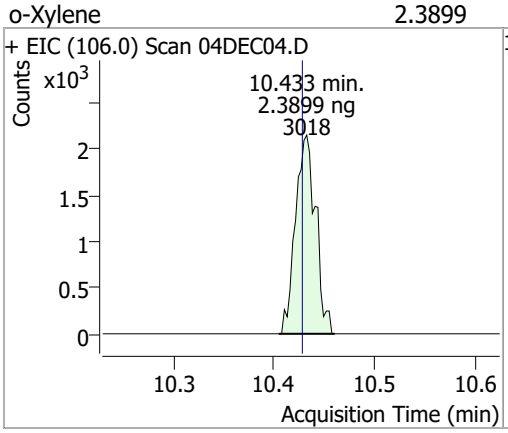
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	4.6188	10.03	0.00	6562	91.0	221.3	174.8	234.8

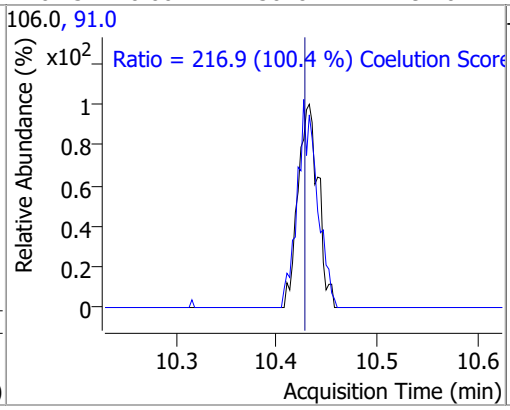


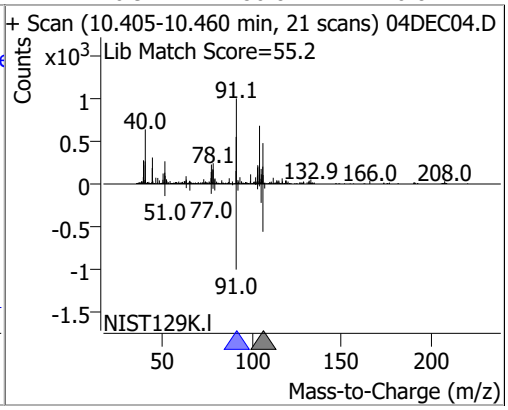




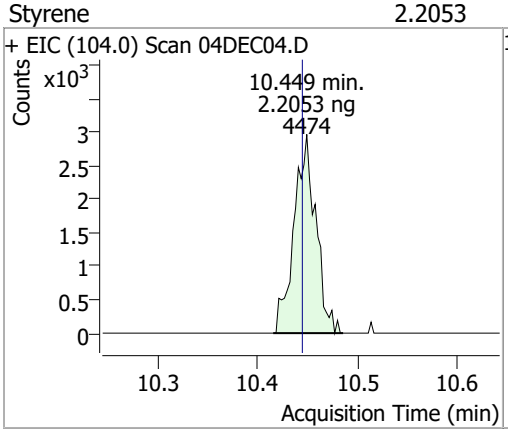
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	2.3899	10.43	0.00	3018	91.0	216.9	186.0	246.0

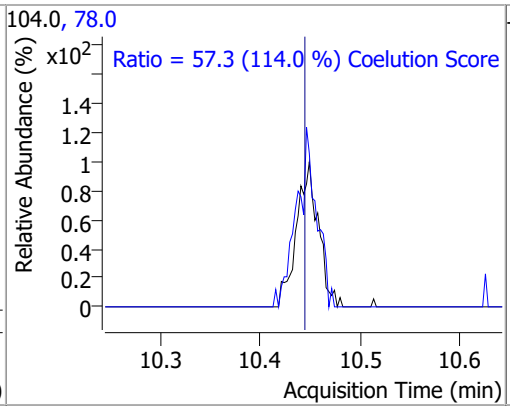


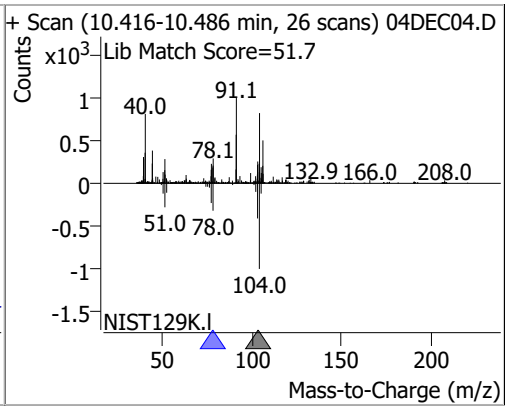




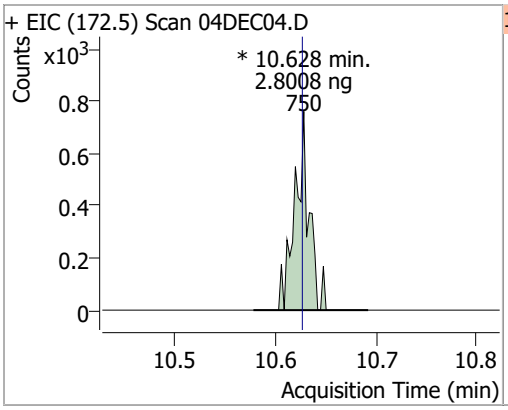
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	2.2053	10.45	0.00	4474	78.0	57.3	20.3	80.3

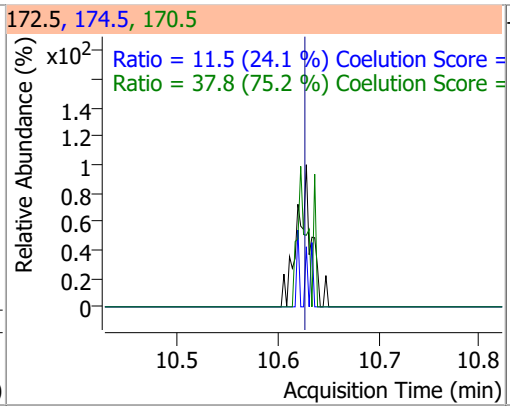


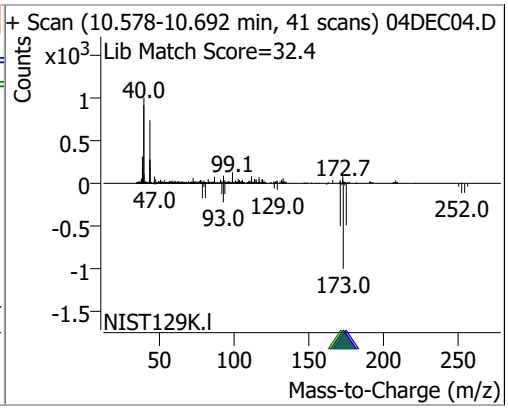




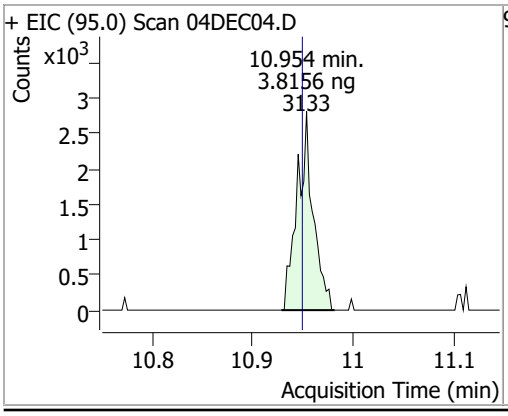
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	2.8008	10.63	0.00	750 (m)	170.5	37.8	20.2	80.2
					174.5	11.5	17.7	77.7

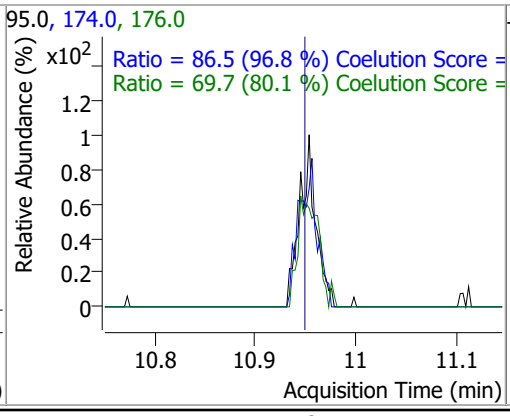


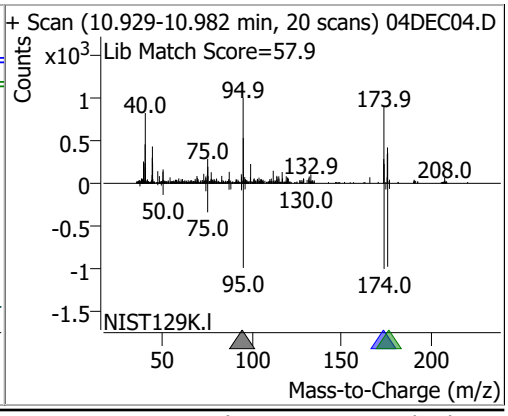




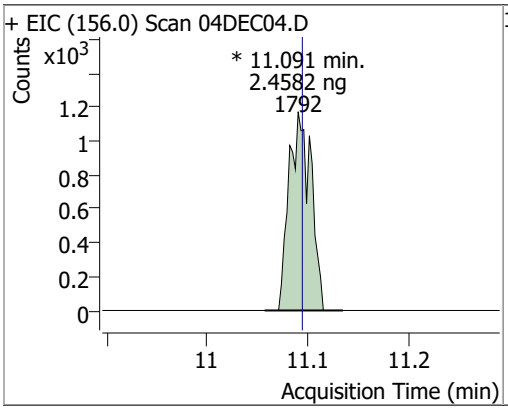
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	3.8156	10.95	0.01	3133	174.0	86.5	59.4	119.4
					176.0	69.7	57.1	117.1

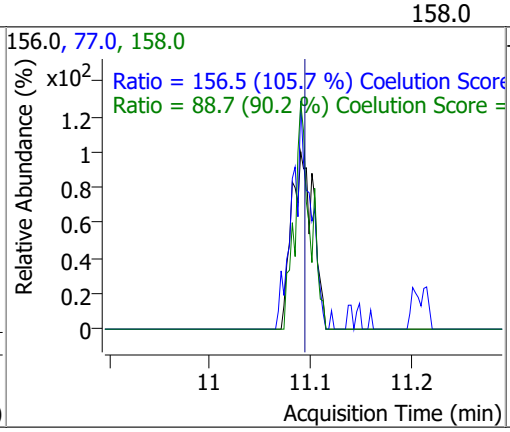


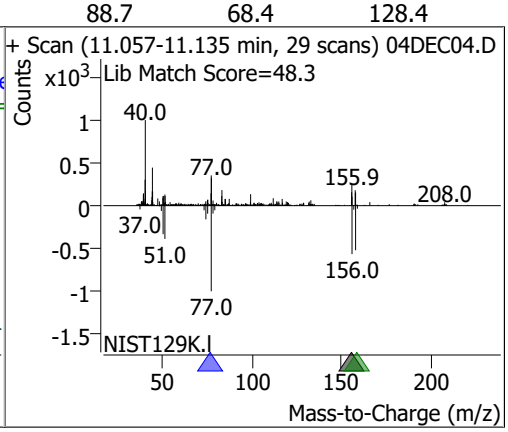




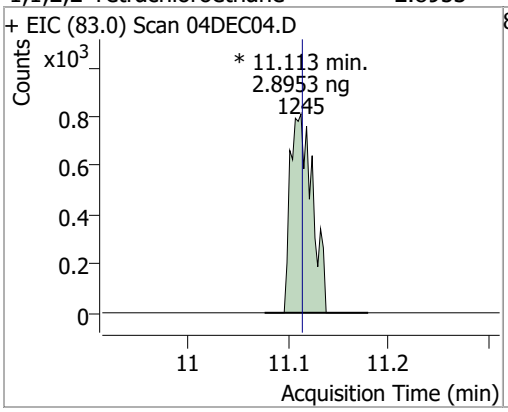
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	2.4582	11.09	0.00	1792 (m)	77.0	156.5	118.1	178.1
					158.0	88.7	68.4	128.4

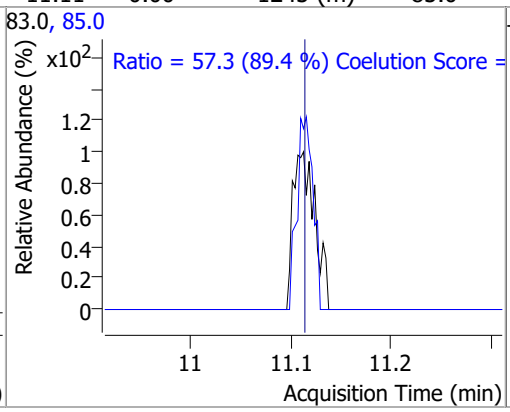


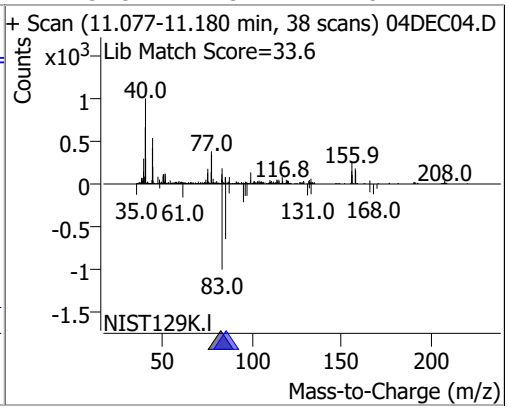




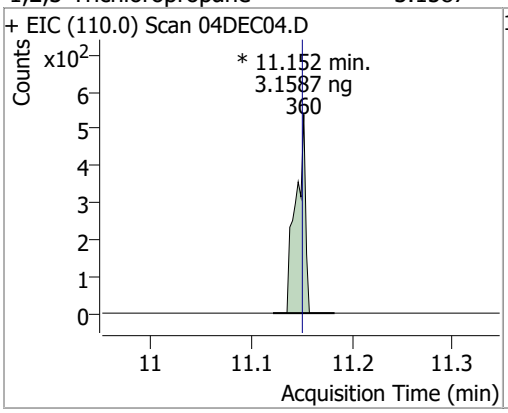
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	2.8953	11.11	0.00	1245 (m)	85.0	57.3	34.1	94.1

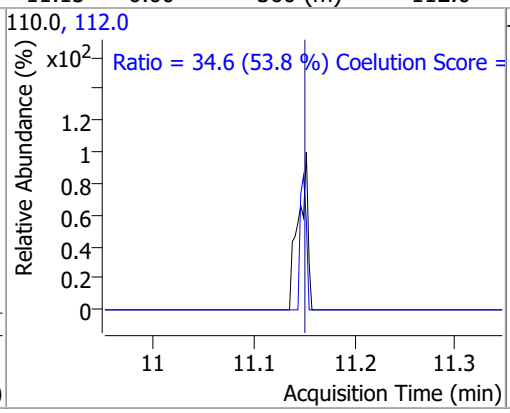


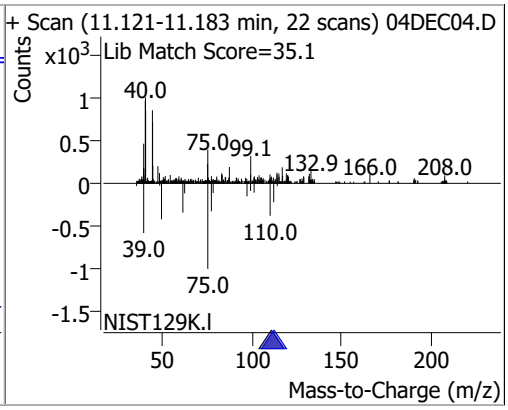




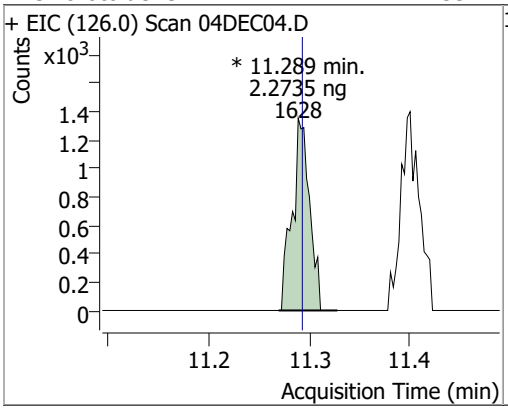
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	3.1587	11.15	0.00	360 (m)	112.0	34.6	34.3	94.3

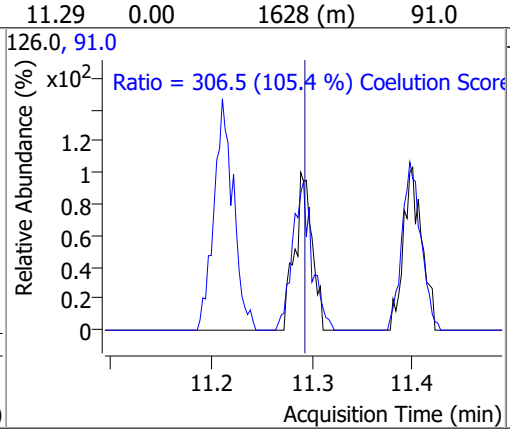


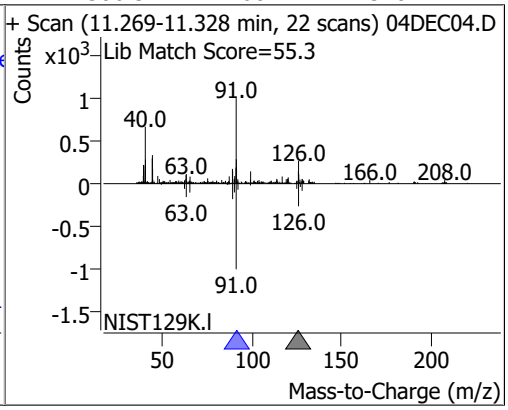




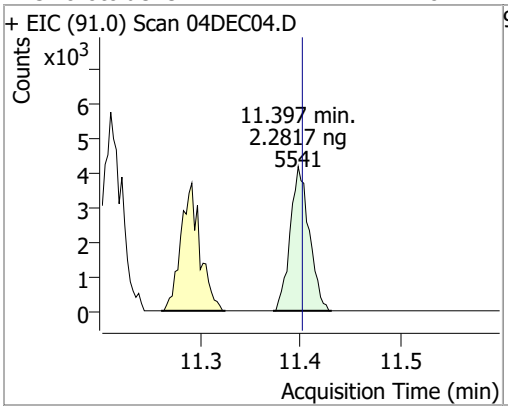
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	2.2735	11.29	0.00	1628 (m)	91.0	306.5	260.7	320.7

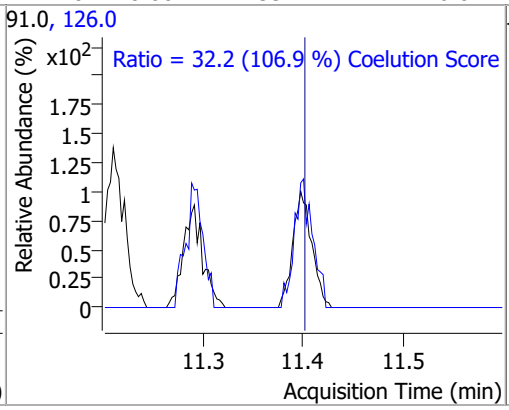


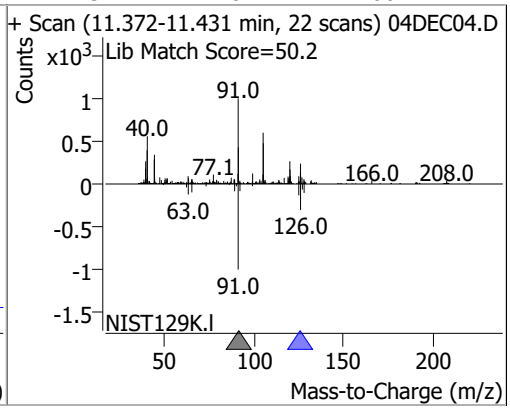




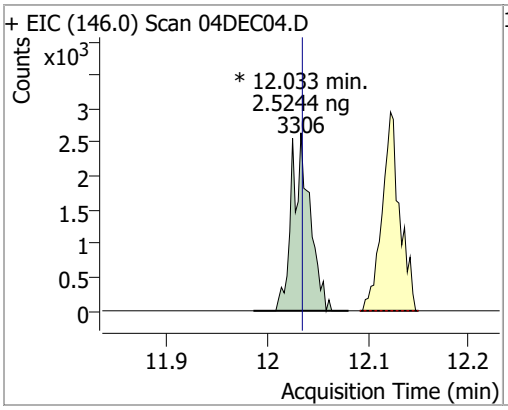
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	2.2817	11.40	0.00	5541	126.0	32.2	0.1	60.1

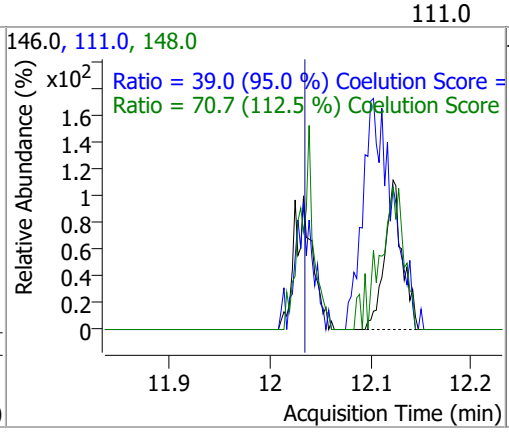


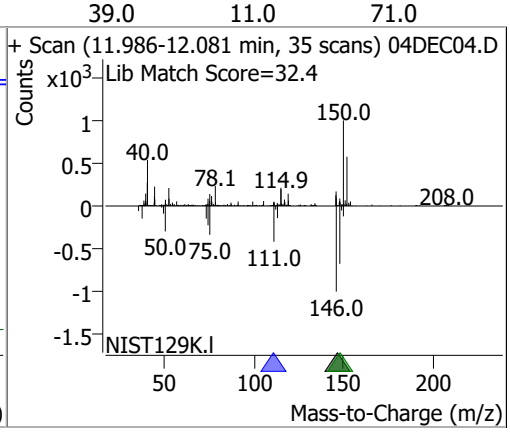




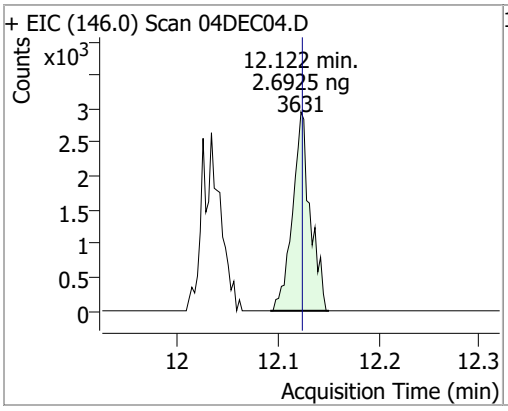
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	2.5244	12.03	0.00	3306 (m)	148.0	70.7	32.9	92.9
					111.0	39.0	11.0	71.0

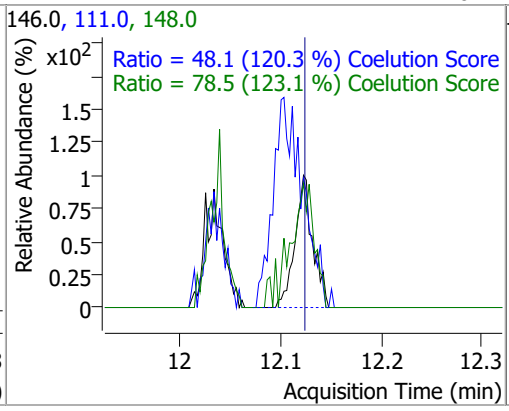


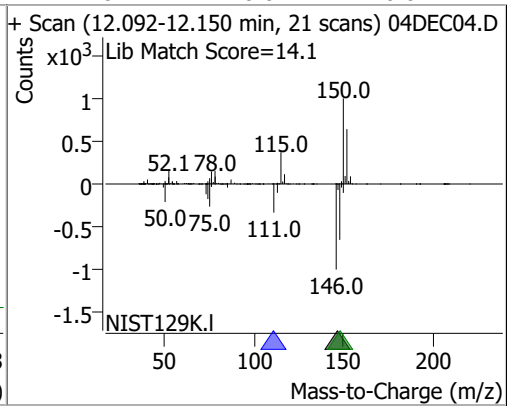




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	2.6925	12.12	0.00	3631	148.0	78.5	33.8	93.8
					111.0	48.1	10.0	70.0

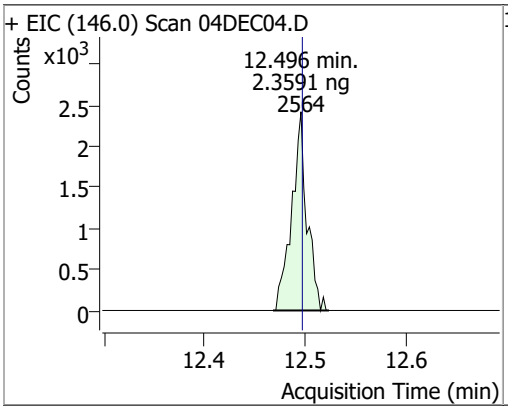


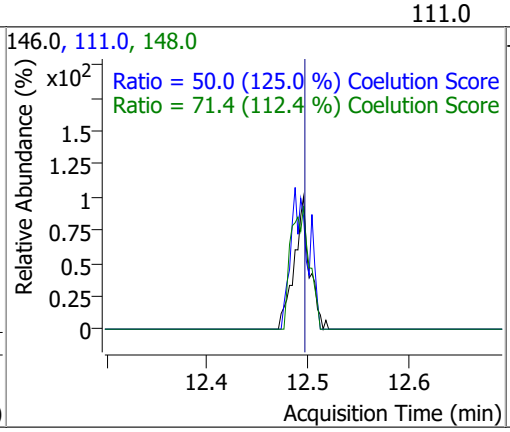


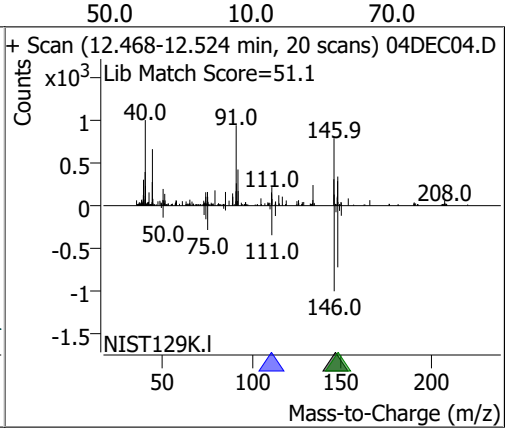


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	2.3591	12.50	0.00	2564	148.0	71.4	33.5	93.5
					111.0	50.0	10.0	70.0







Quantitation Results Report (QT Reviewed)

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Data File	04DEC05.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 1:30:23 PM
Sample Name	ICAL120421_2	Instrument	VOA5975C
Vial	5	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
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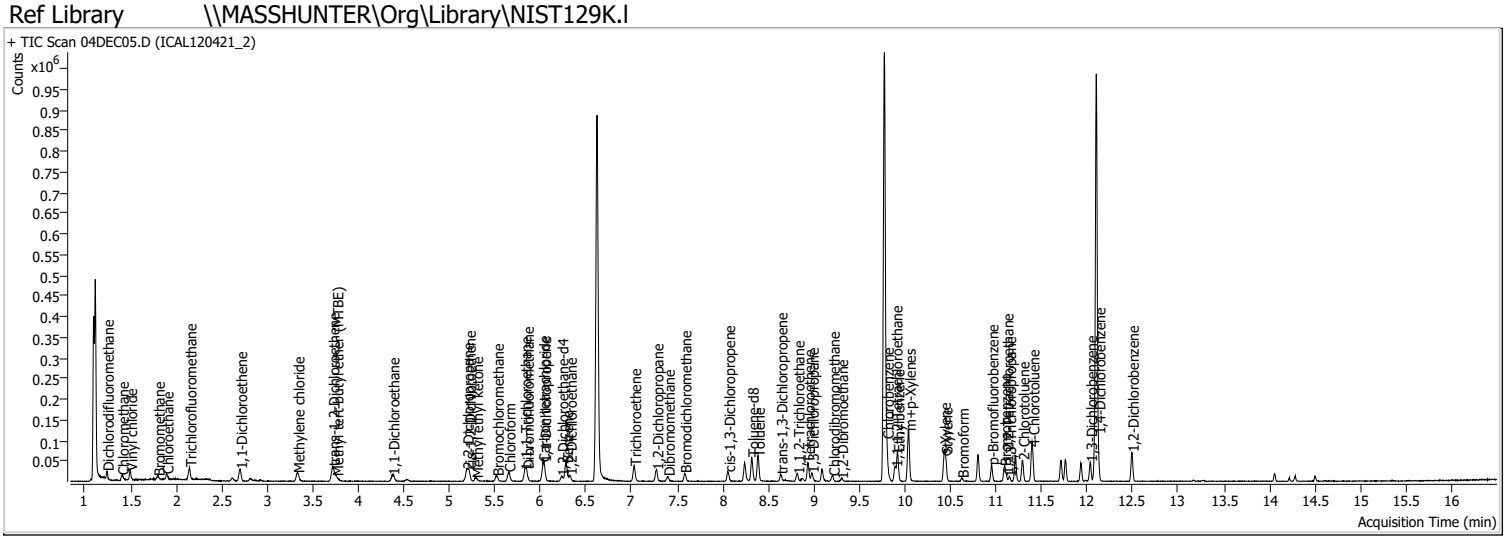
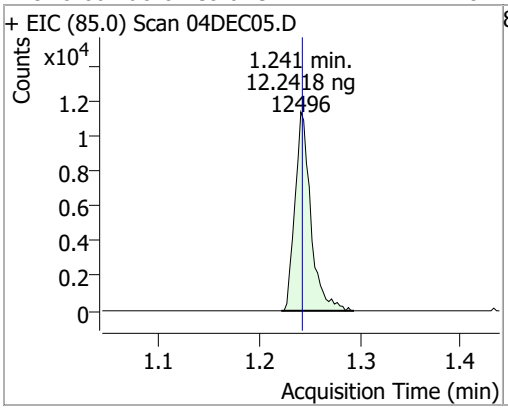


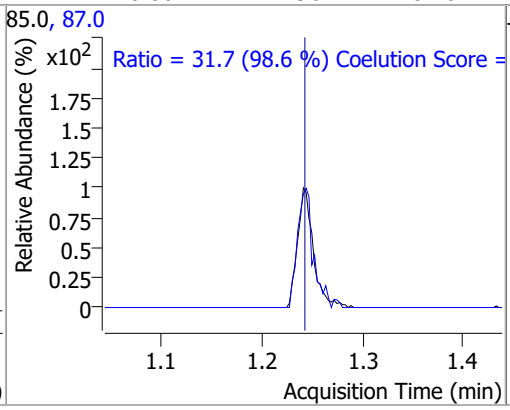
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	739686	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	286680	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	221435	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	8663	12.2974	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 4.92%		*	
S 1,2-Dichloroethane-d4	6.230	67.0	4277	13.1959	ng		-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 5.28%		*	
S Toluene-d8	8.319	98.0	32967	11.6415	ng		-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 4.66%		*	
S p-Bromofluorobenzene	10.951	95.0	10650	12.5305	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 5.01%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	12496	12.2418	ng		99
T Chloromethane	1.406	50.0	14791	12.6020	ng		99
T Vinyl chloride	1.498	62.0	13777	12.3023	ng		94
T Bromomethane	1.799	96.0	4635	13.6996	ng		96
T Chloroethane	1.894	64.0	8341	13.3843	ng		94
T Trichlorofluoromethane	2.147	101.0	17880	12.2142	ng		94
T 1,1-Dichloroethene	2.702	96.0	10204	13.0497	ng		95
T Methylene chloride	3.333	49.0	14480	13.3642	ng		96
T trans-1,2-Dichloroethene	3.717	96.0	9810	12.5635	ng		97
T Methyl tert-butyl ether (MTBE)	3.759	73.0	11676	11.8390	ng		99
T 1,1-Dichloroethane	4.376	63.0	18807	12.6747	ng		99
T 2,2-Dichloropropane	5.190	77.0	13776	12.5176	ng		93
T cis-1,2-Dichloroethene	5.215	96.0	10016	12.5117	ng		98
T Methyl ethyl ketone	5.293	43.0	11914	115.8227	ng		99
T Bromochloromethane	5.519	128.0	3640	11.9030	ng		89
T Chloroform	5.650	83.0	17859	12.5437	ng		98

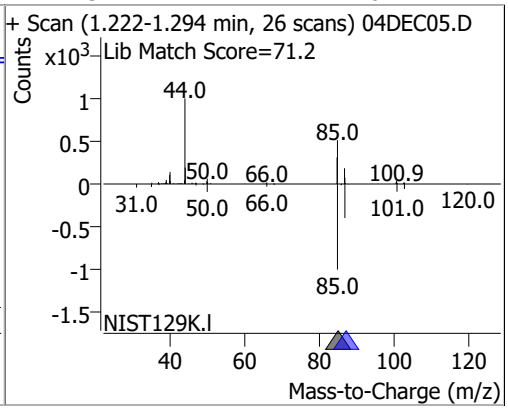
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.826	97.0	16271	11.8517	ng		97
T Carbon tetrachloride	6.026	117.0	16162	12.0718	ng		99
T 1,1-Dichloropropene	6.040	75.0	14159	11.8441	ng		96
T Benzene	6.280	78.0	36764	12.0838	ng		99
T 1,2-Dichloroethane	6.322	62.0	10131	12.6503	ng		97
T Trichloroethene	7.028	95.0	11441	12.3142	ng		96
T 1,2-Dichloropropane	7.273	63.0	9120	11.8086	ng		94
T Dibromomethane	7.396	93.0	4239	13.0787	ng		92
T Bromodichloromethane	7.580	83.0	11299	12.3375	ng		99
T cis-1,3-Dichloropropene	8.059	75.0	11550	11.4373	ng		86
T Toluene	8.386	92.0	22430	11.6644	ng		97
T trans-1,3-Dichloropropene	8.634	75.0	8620	11.9776	ng		88
T 1,1,2-Trichloroethane	8.821	83.0	5002	13.3755	ng		97
T Tetrachloroethene	8.935	163.8	8981	11.6684	ng		97
T 1,3-Dichloropropane	8.980	76.0	9332	12.4094	ng		98
T Chlorodibromomethane	9.208	129.0	6385	11.4188	ng	m	92
T 1,2-Dibromoethane	9.300	107.0	4912	12.2241	ng		95
T Chlorobenzene	9.802	112.0	26333	12.6028	ng		96
T 1,1,1,2-Tetrachloroethane	9.894	131.0	8710	11.8874	ng		95
T Ethylbenzene	9.917	91.0	41888	11.4198	ng		98
T m+p-Xylenes	10.042	106.0	31957	22.5314	ng		100
T o-Xylene	10.427	106.0	14074	11.1640	ng		91
T Styrene	10.446	104.0	22486	11.1022	ng		99
T Bromoform	10.625	172.5	3204	11.5606	ng		85
T Bromobenzene	11.091	156.0	9106	12.0688	ng		98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	5485	12.3244	ng		95
T 1,2,3-Trichloropropane	11.144	110.0	1583	13.4162	ng	m	85
T 2-Chlorotoluene	11.289	126.0	8597	11.6019	ng		94
T 4-Chlorotoluene	11.400	91.0	30164	11.9999	ng		99
T 1,3-Dichlorobenzene	12.033	146.0	16804	12.3951	ng		96
T 1,4-Dichlorobenzene	12.122	146.0	17256	12.3619	ng		86
T 1,2-Dichlorobenzene	12.490	146.0	14158	12.5849	ng		96

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

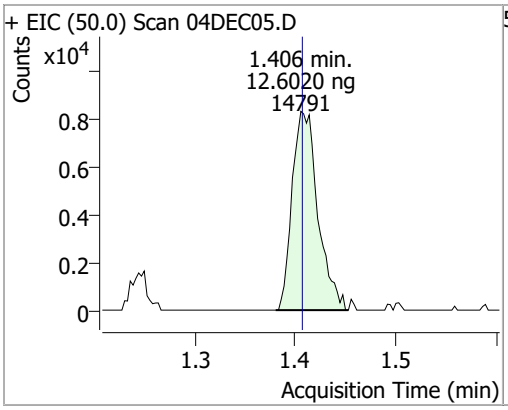
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	12.2418	1.24	0.00	12496	87.0	31.7	2.1	62.1

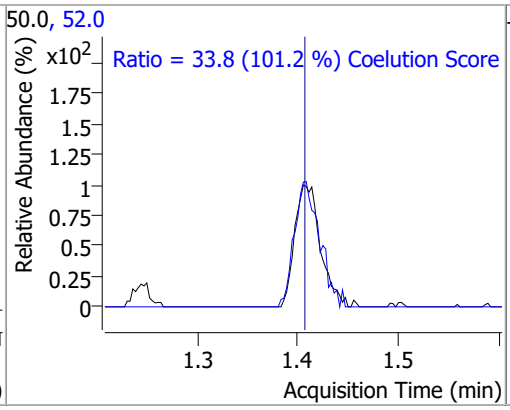


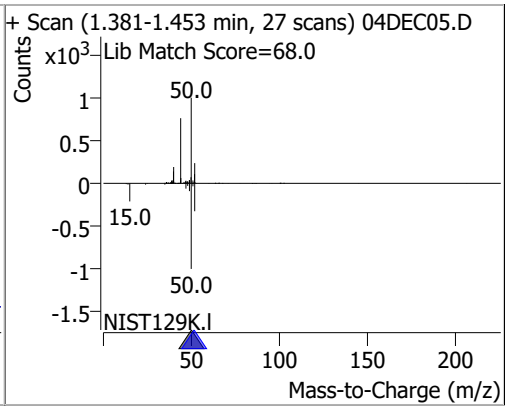




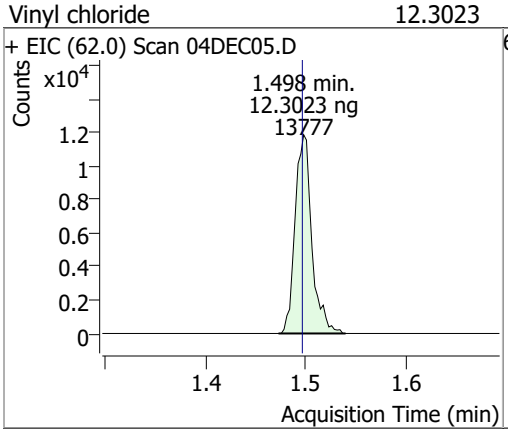
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	12.6020	1.41	0.00	14791	52.0	33.8	3.4	63.4

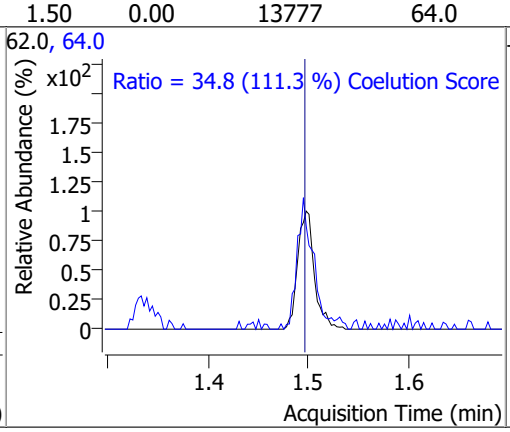


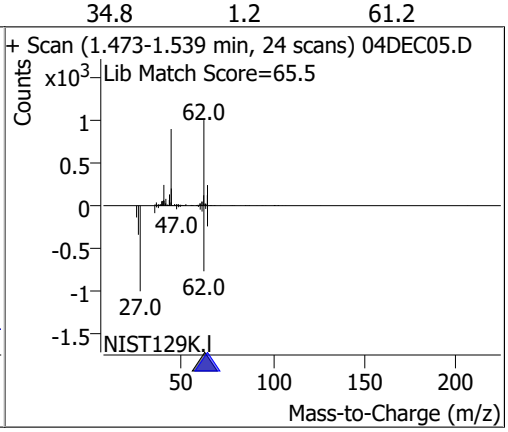




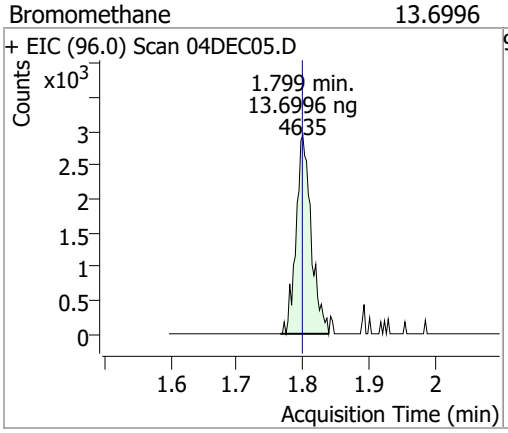
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	12.3023	1.50	0.00	13777	64.0	34.8	1.2	61.2

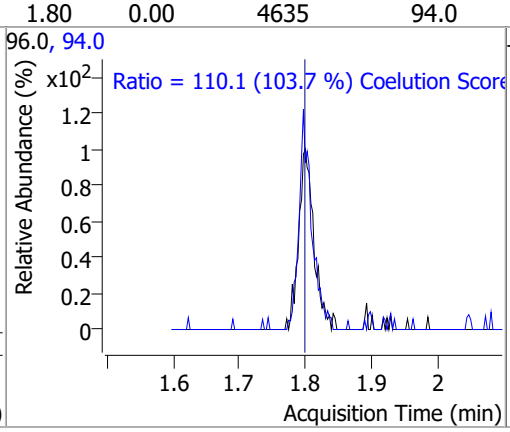


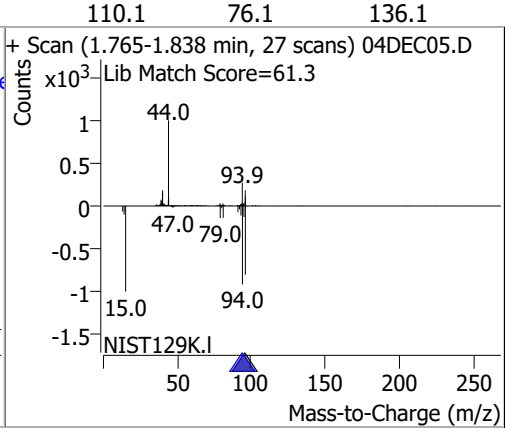




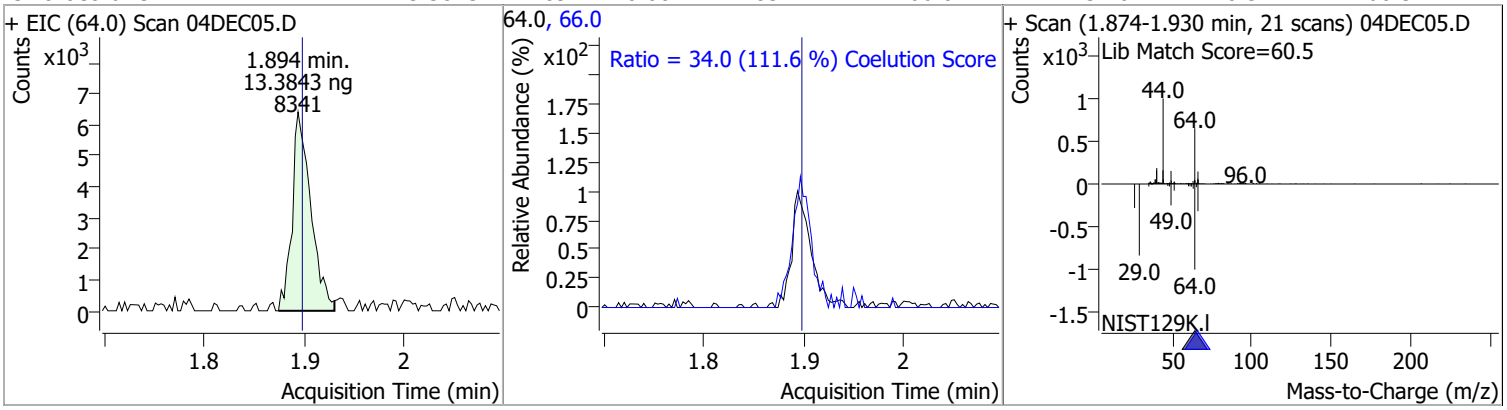
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	13.6996	1.80	0.00	4635	94.0	110.1	76.1	136.1



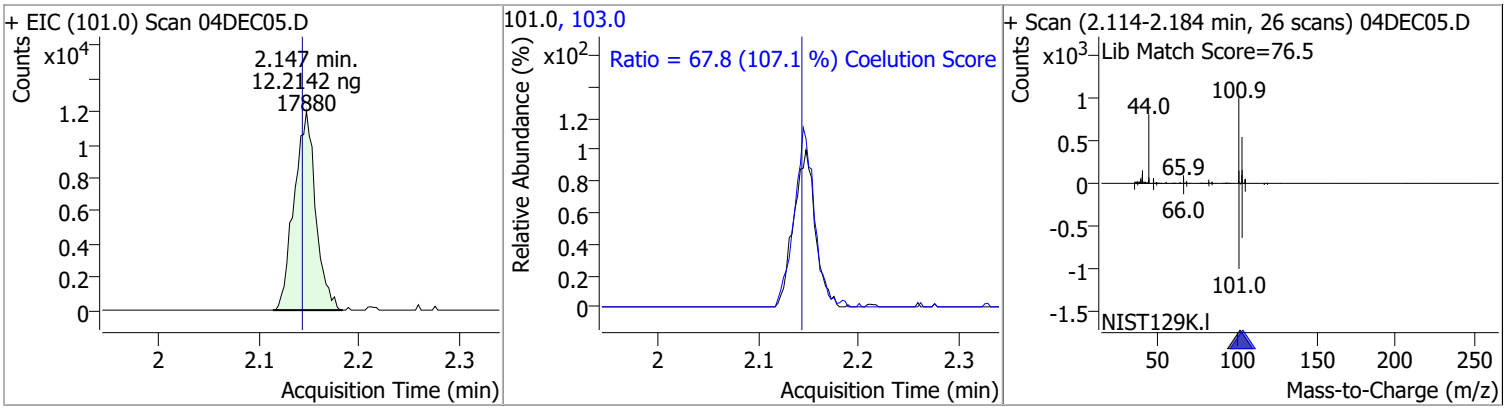




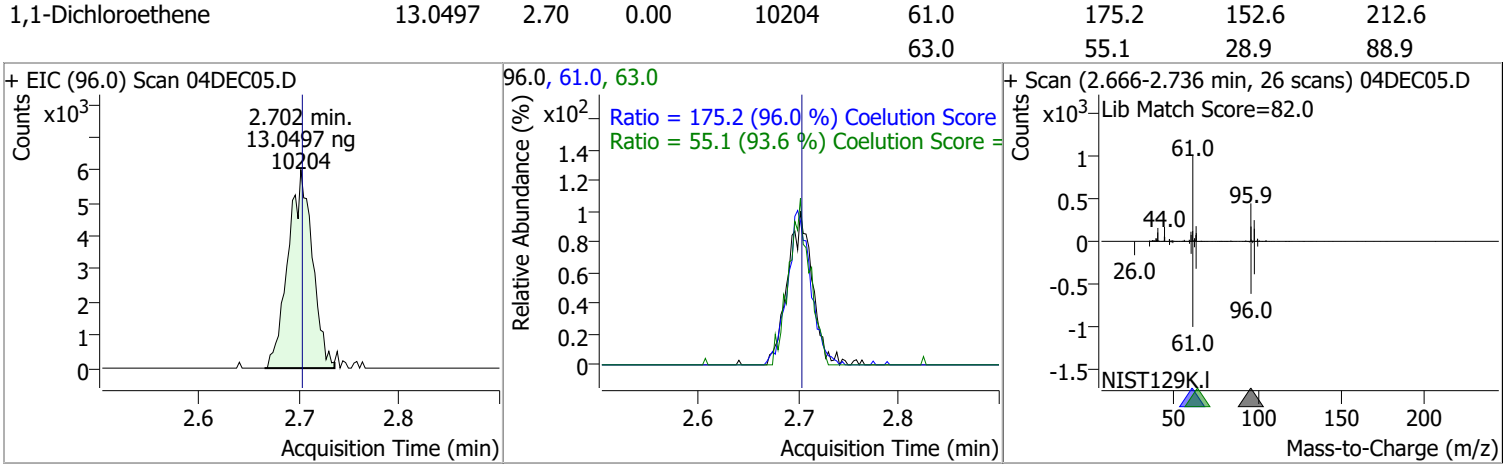
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	13.3843	1.89	0.00	8341	66.0	34.0	0.5	60.5



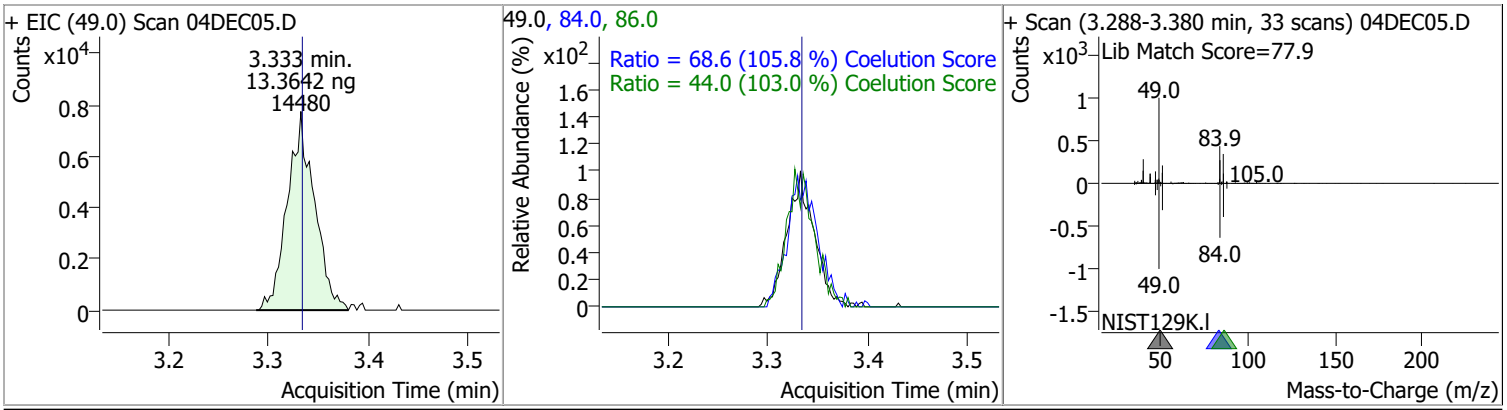
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	12.2142	2.15	0.01	17880	103.0	67.8	33.3	93.3



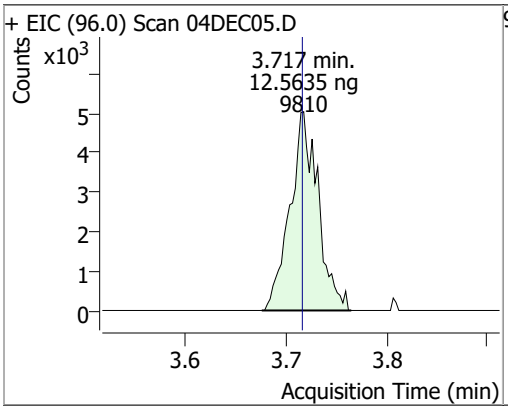
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	13.0497	2.70	0.00	10204	61.0	175.2	152.6	212.6
					63.0	55.1	28.9	88.9

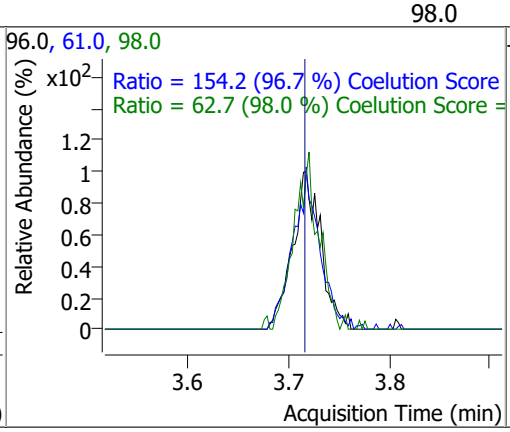


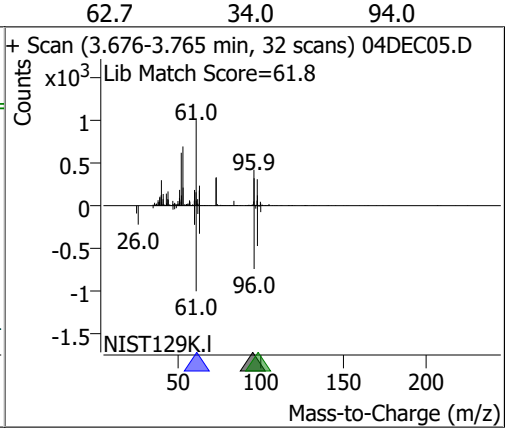
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	13.3642	3.33	0.00	14480	84.0	68.6	34.8	94.8
					86.0	44.0	12.7	72.7



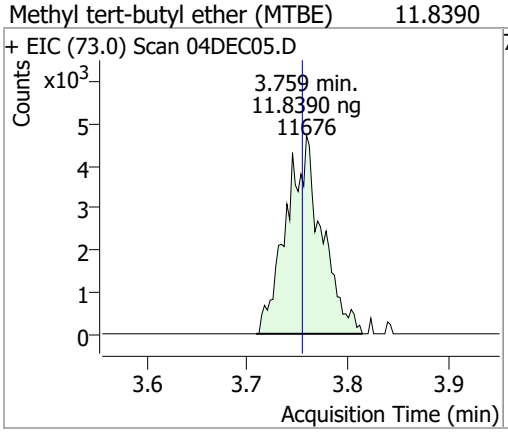
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	12.5635	3.72	0.00	9810	61.0	154.2	129.4	189.4
					98.0	62.7	34.0	94.0

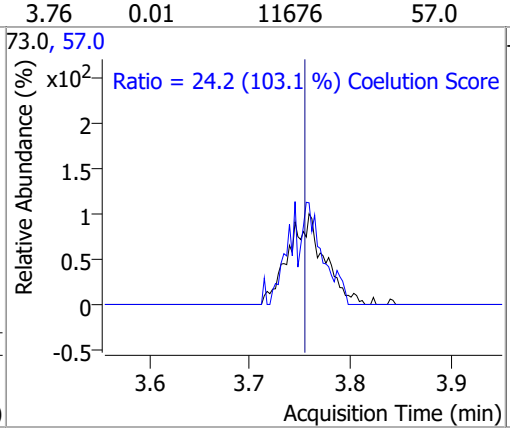


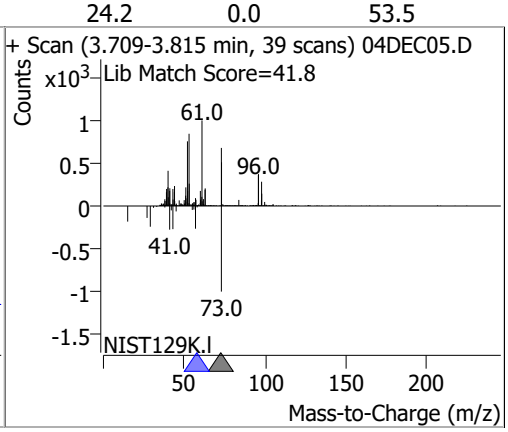




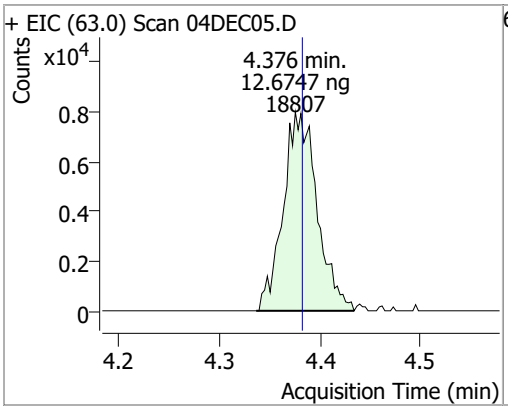
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	11.8390	3.76	0.01	11676	57.0	24.2	0.0	53.5

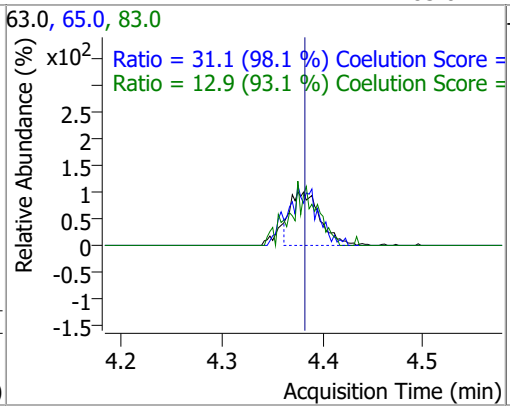


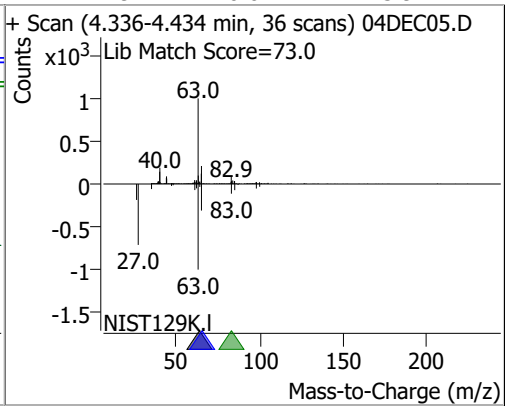




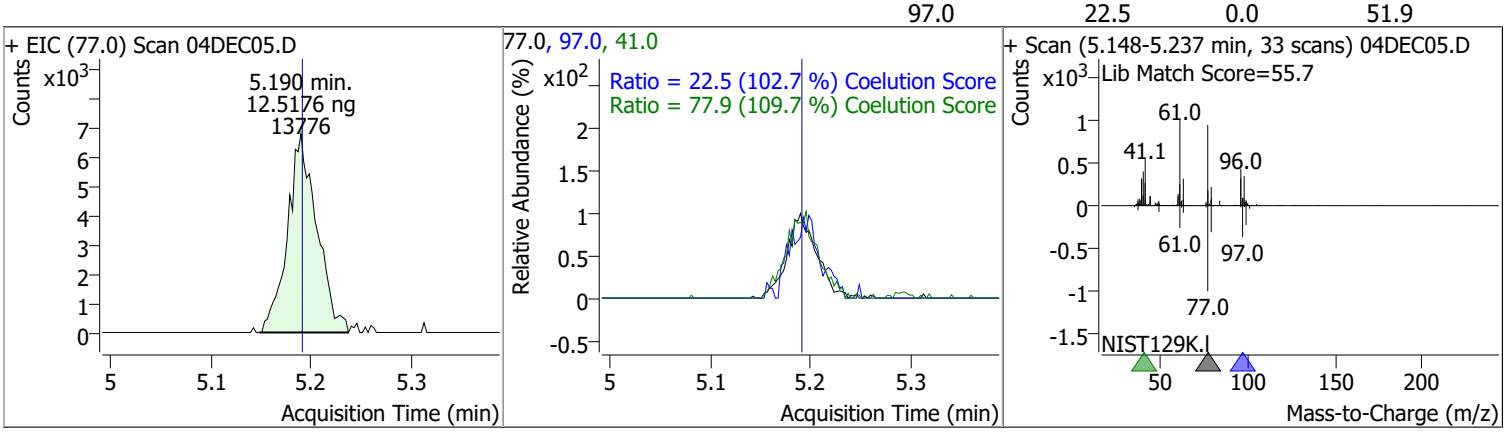
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	12.6747	4.38	-0.01	18807	65.0	31.1	1.7	61.7
					83.0	12.9	0.0	43.9



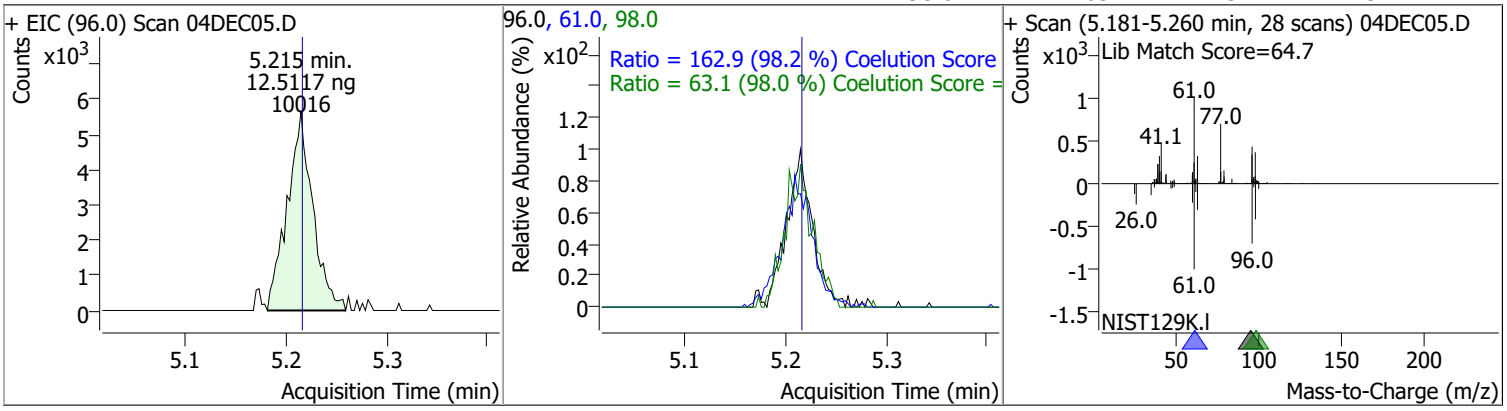




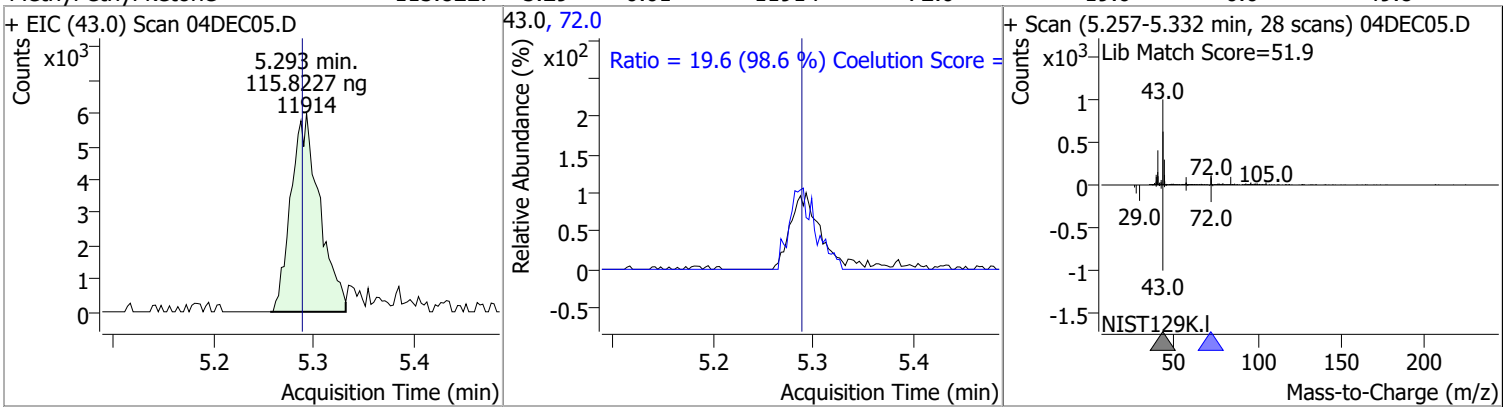
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	12.5176	5.19	0.00	13776	41.0	77.9	41.0	101.0
					97.0	22.5	0.0	51.9



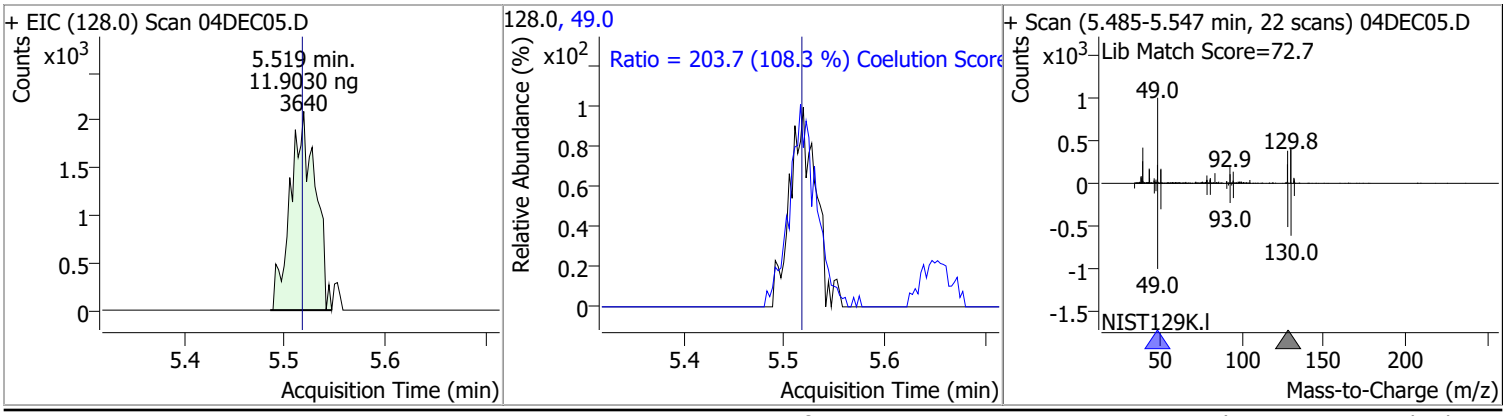
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	12.5117	5.21	0.00	10016	61.0	162.9	135.9	195.9
					98.0	63.1	34.4	94.4



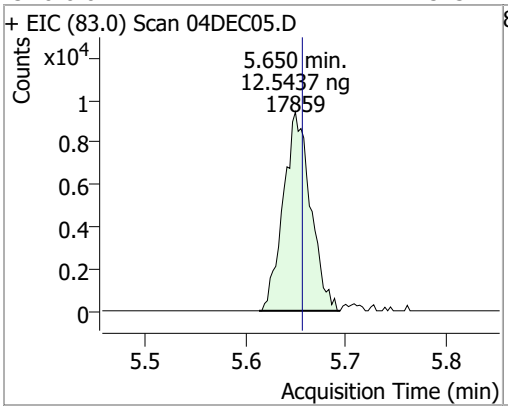
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	115.8227	5.29	0.01	11914	72.0	19.6	0.0	49.8

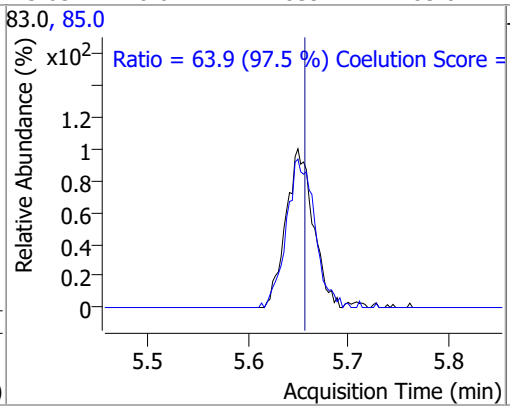


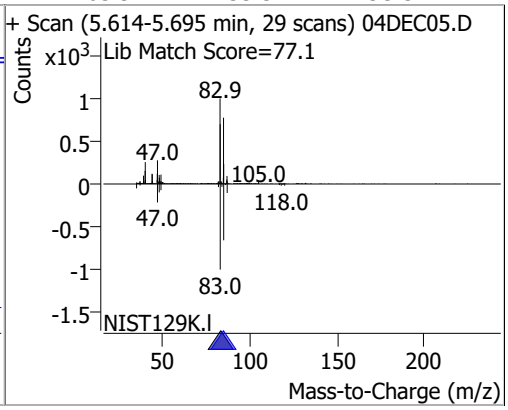
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	11.9030	5.52	0.00	3640	49.0	203.7	158.1	218.1



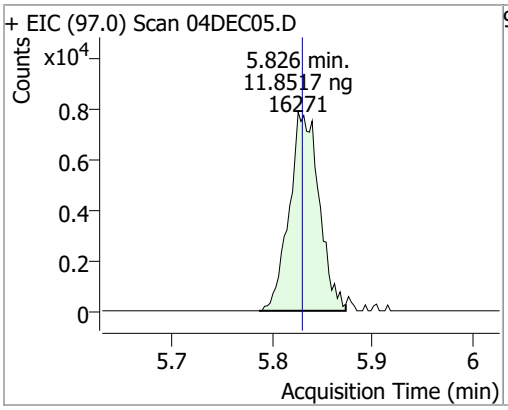
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	12.5437	5.65	-0.01	17859	85.0	63.9	35.5	95.5

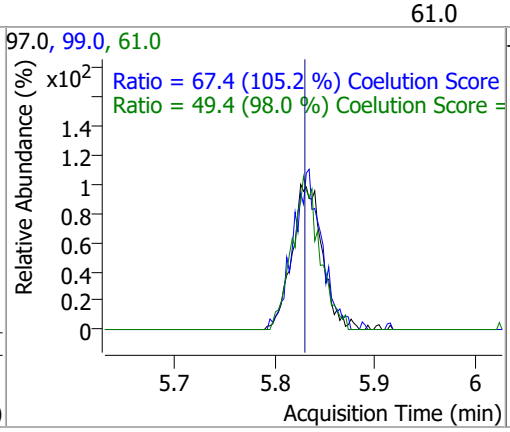


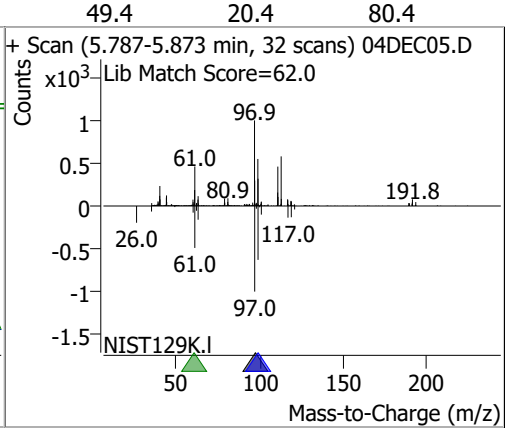




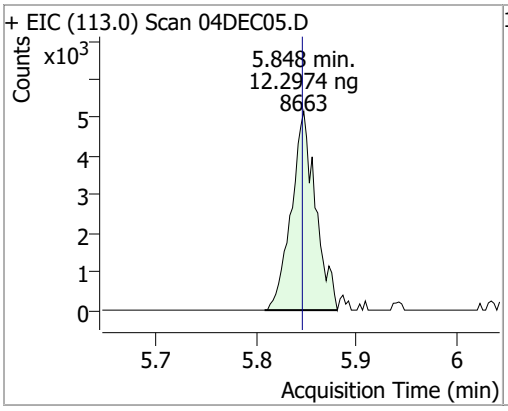
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	11.8517	5.83	0.00	16271	99.0	67.4	34.0	94.0
					61.0	49.4	20.4	80.4

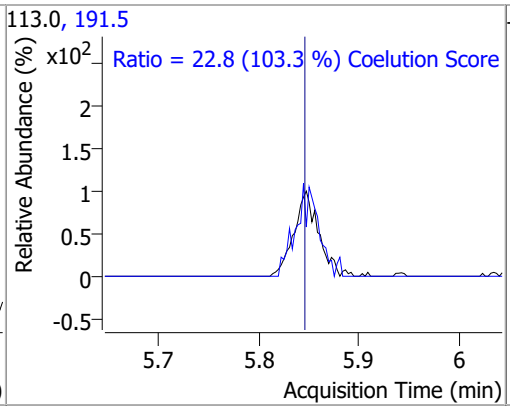


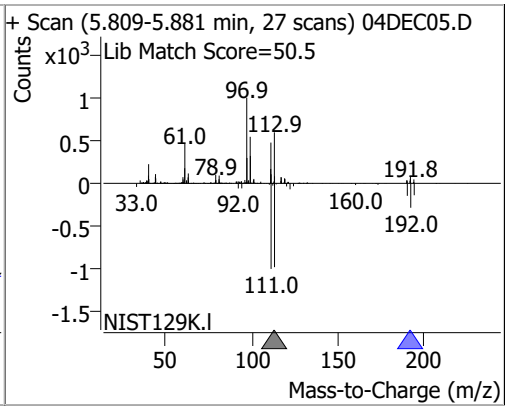




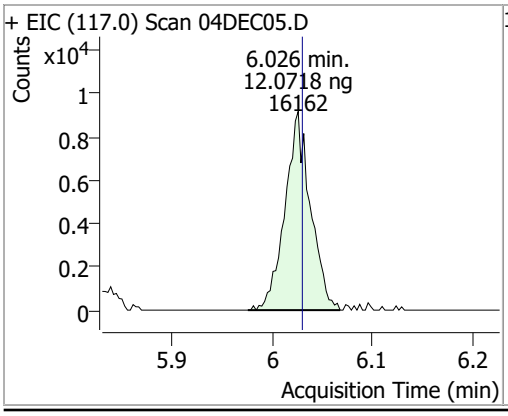
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	12.2974	5.85	0.00	8663	191.5	22.8	0.0	52.1

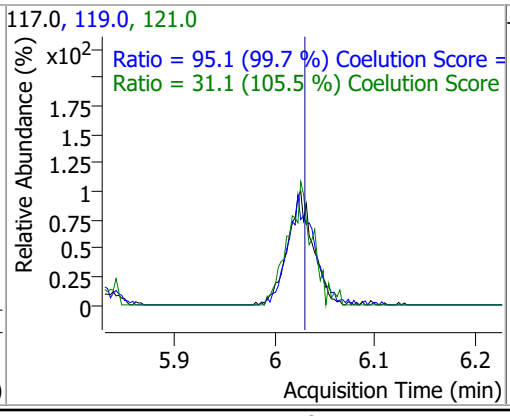


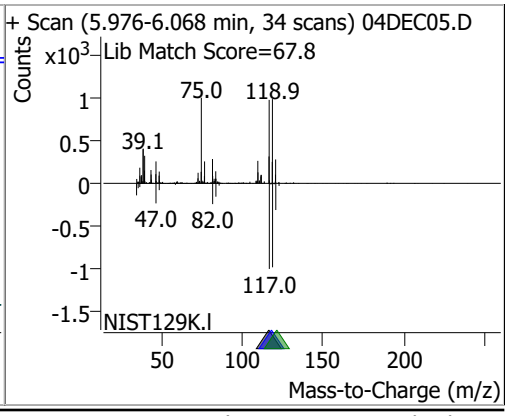




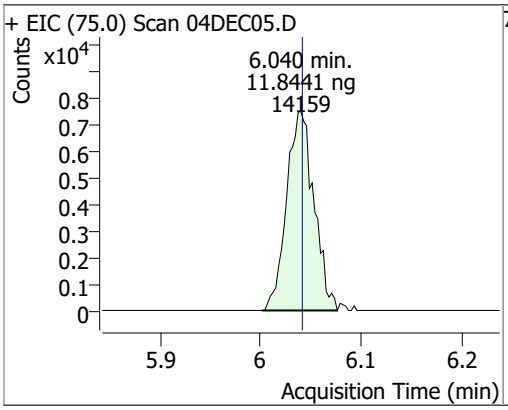
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	12.0718	6.03	0.00	16162	119.0	95.1	65.4	125.4
					121.0	31.1	0.0	59.5

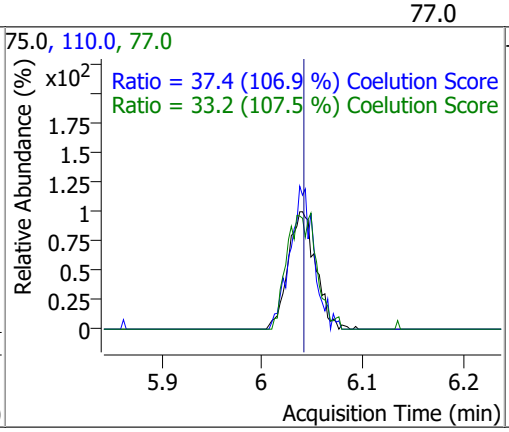


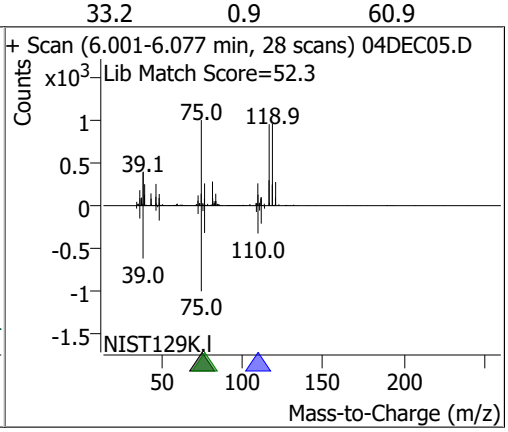




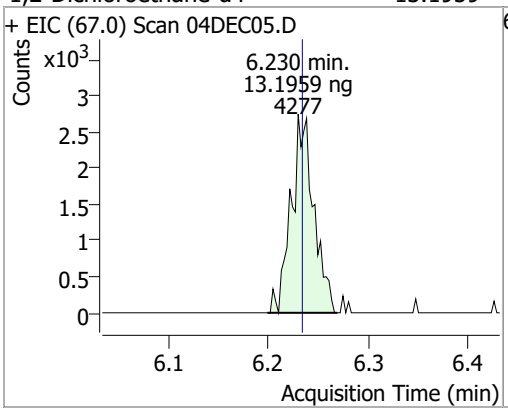
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	11.8441	6.04	0.00	14159	110.0	37.4	5.0	65.0
					77.0	33.2	0.9	60.9

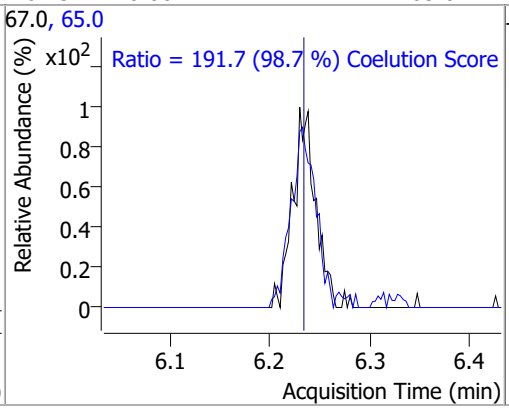


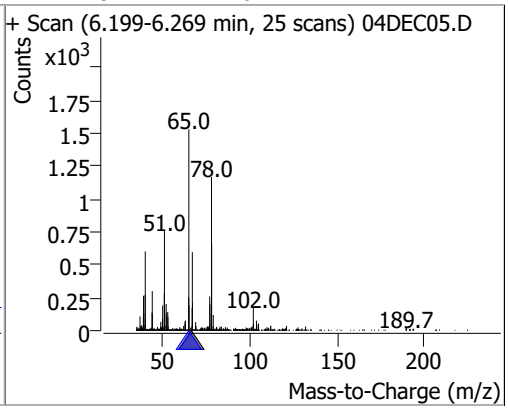




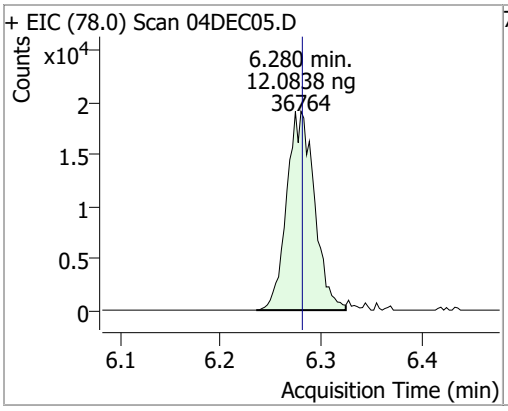
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	13.1959	6.23	0.00	4277	65.0	191.7	164.2	224.2

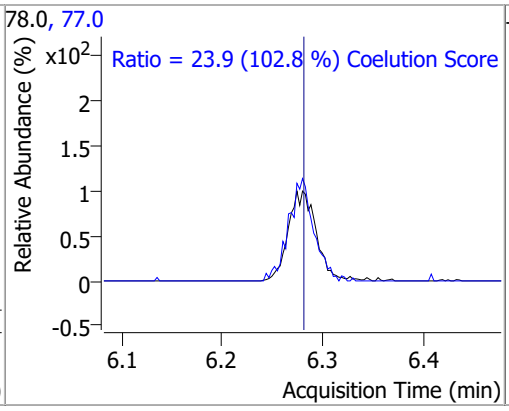


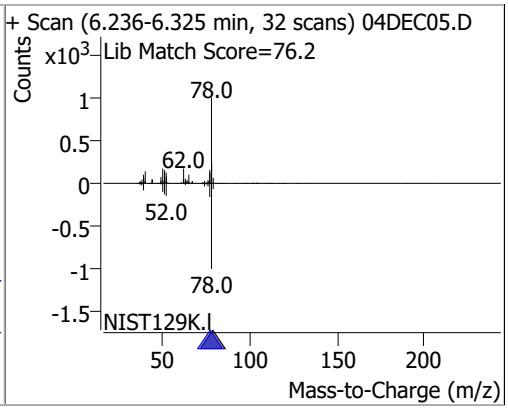




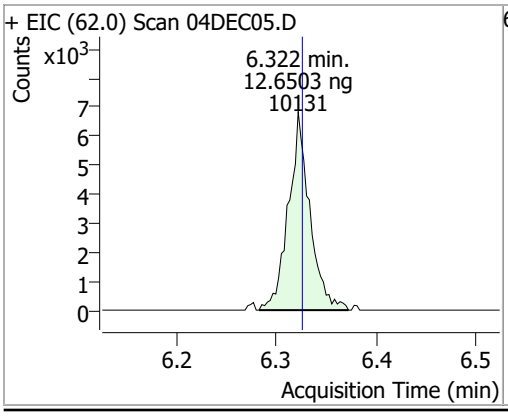
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	12.0838	6.28	0.00	36764	77.0	23.9	0.0	53.3

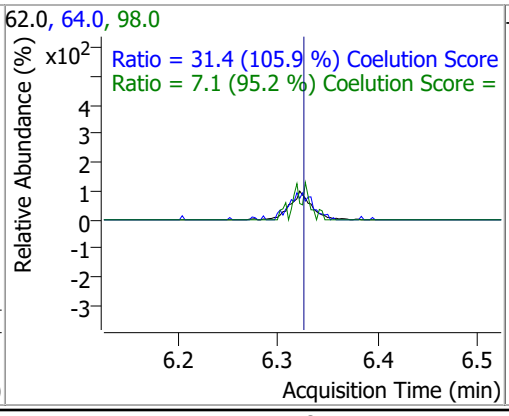


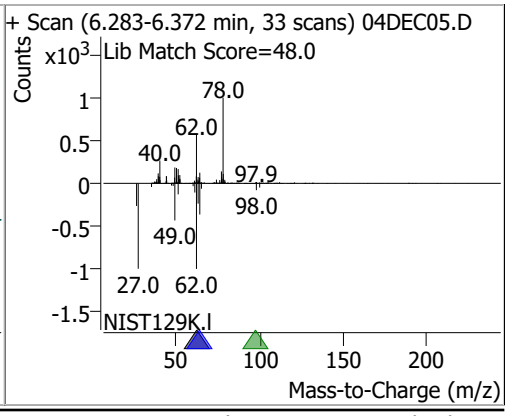




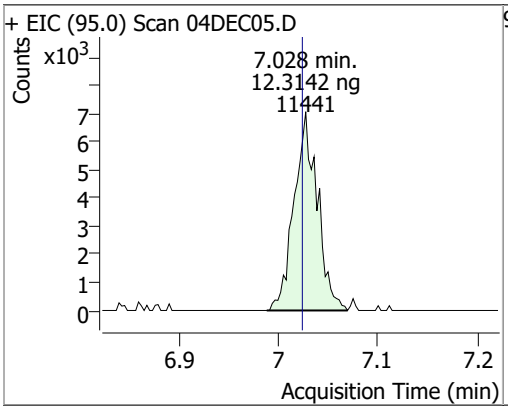
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	12.6503	6.32	0.00	10131	64.0	31.4	0.0	59.6
					98.0	7.1	0.0	37.4

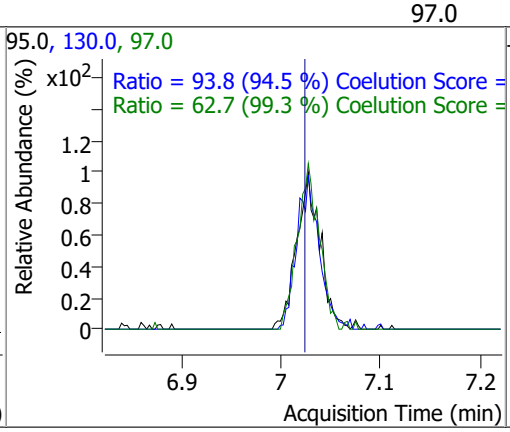


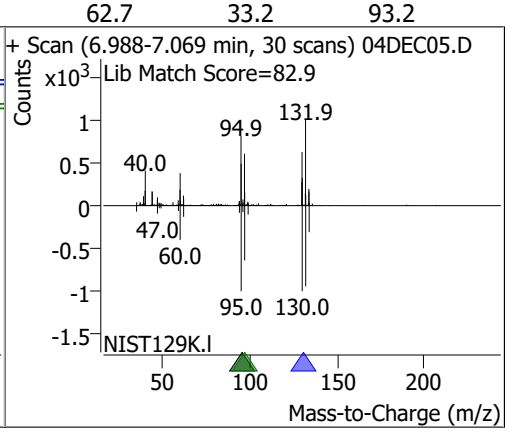




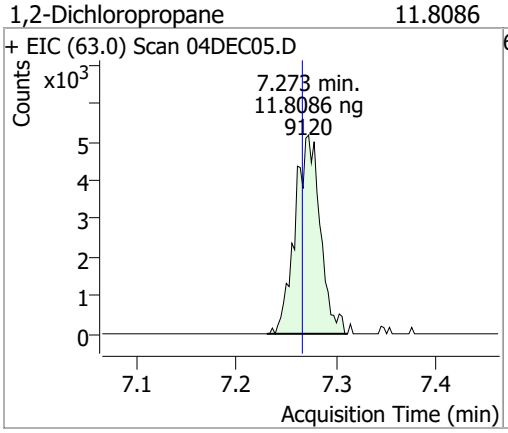
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	12.3142	7.03	0.00	11441	130.0	93.8	69.3	129.3
					97.0	62.7	33.2	93.2

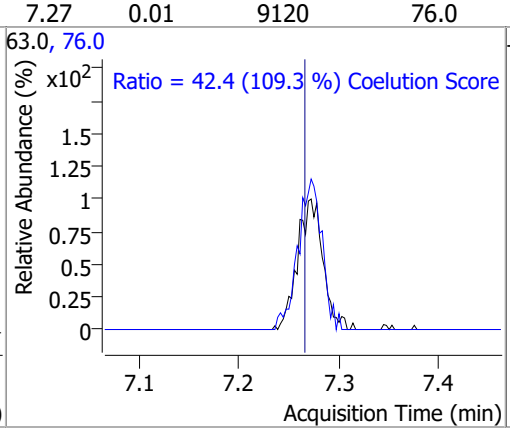


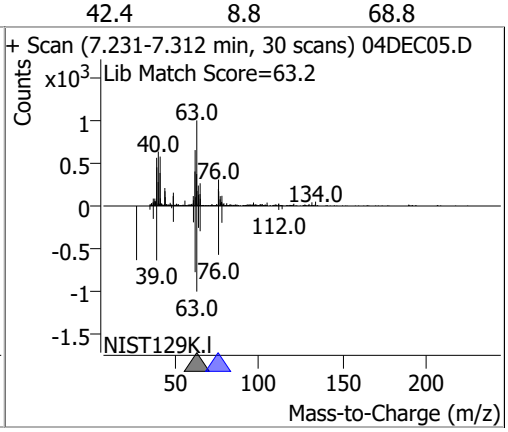




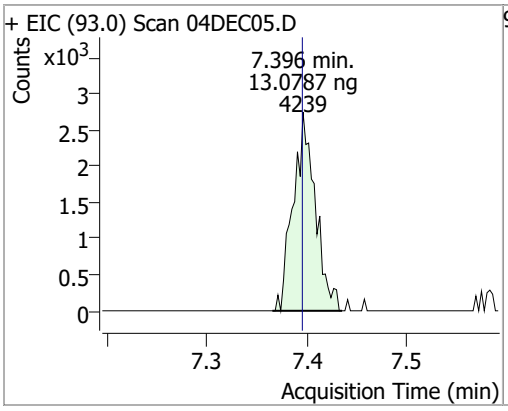
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	11.8086	7.27	0.01	9120	76.0	42.4	8.8	68.8

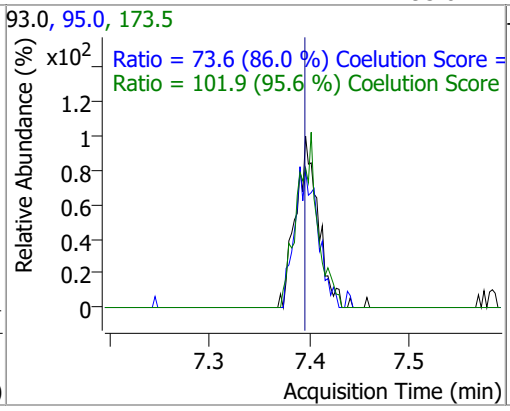


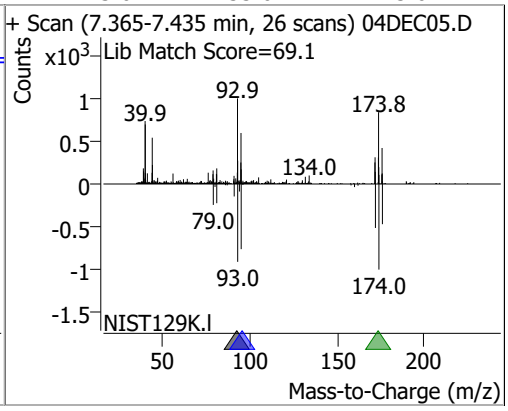




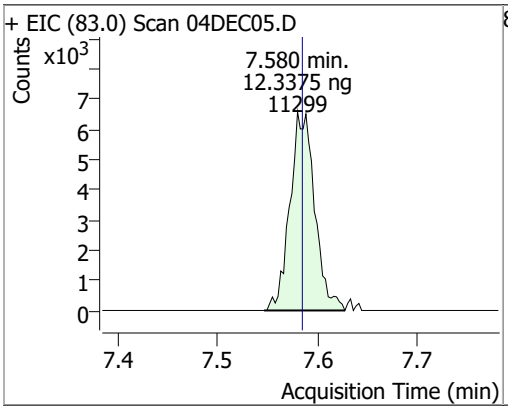
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	13.0787	7.40	0.00	4239	173.5	101.9	76.6	136.6
					95.0	73.6	55.6	115.6

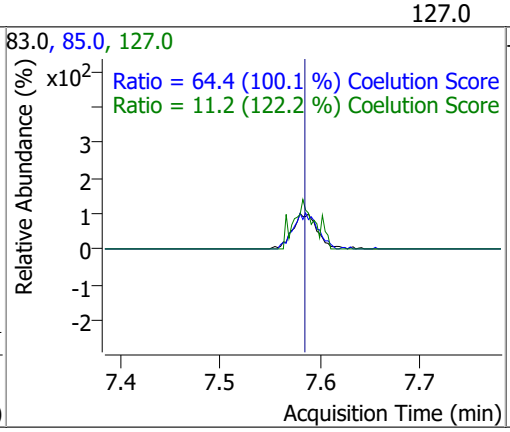


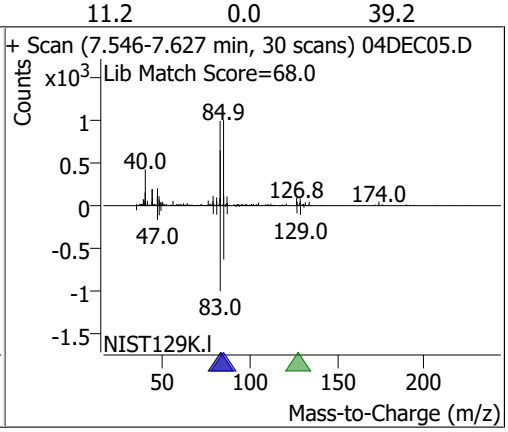




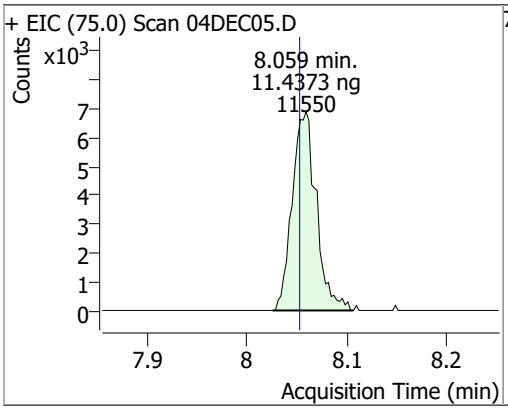
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	12.3375	7.58	-0.01	11299	85.0	64.4	34.3	94.3
					127.0	11.2	0.0	39.2

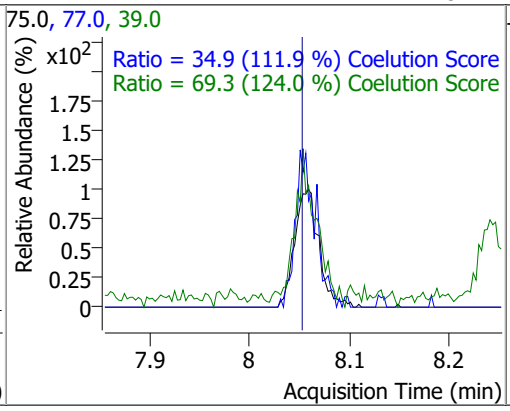


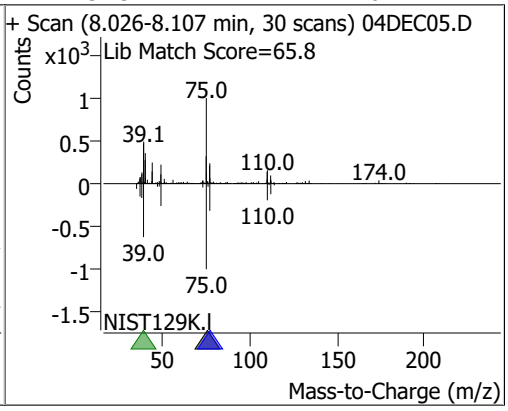




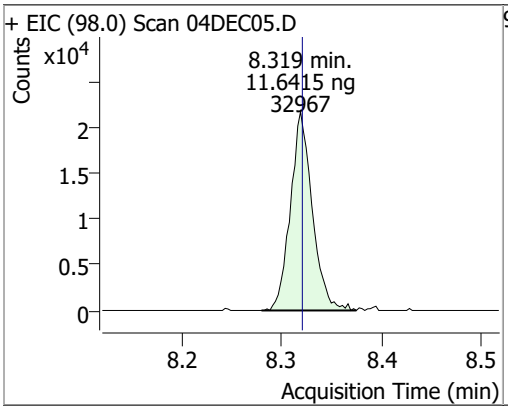
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	11.4373	8.06	0.00	11550	39.0	69.3	25.9	85.9
					77.0	34.9	1.2	61.2

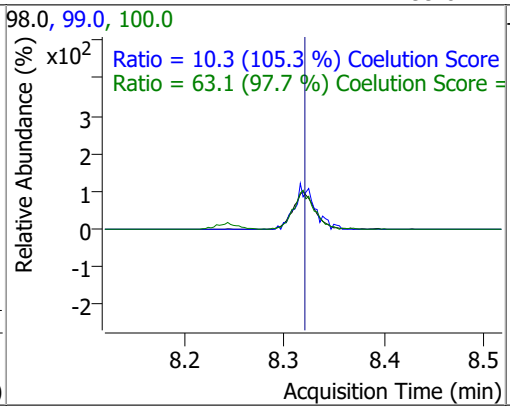


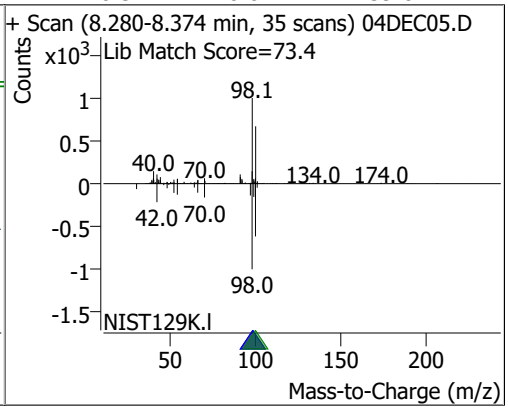




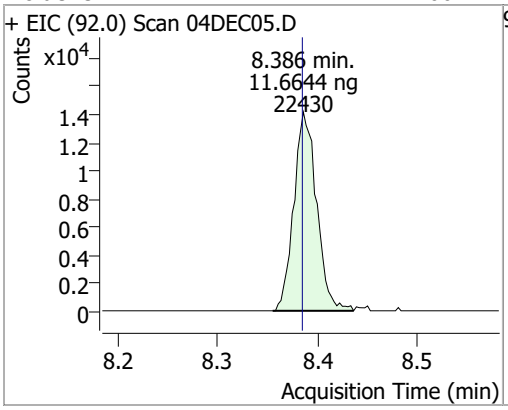
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	11.6415	8.32	0.00	32967	100.0	63.1	34.6	94.6
					99.0	10.3	0.0	39.8

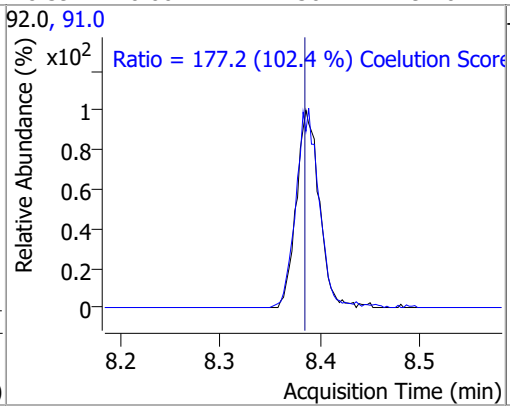


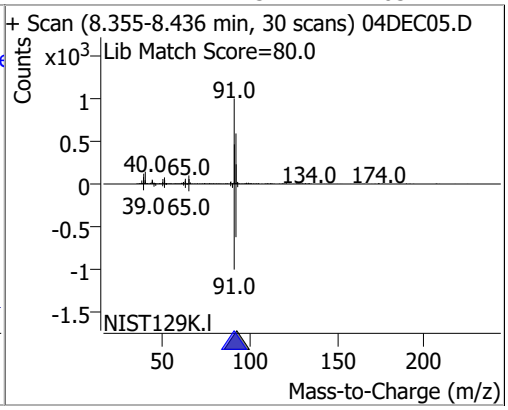




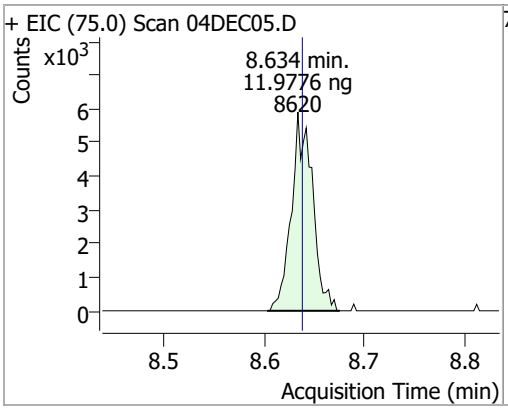
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	11.6644	8.39	0.00	22430	91.0	177.2	143.1	203.1

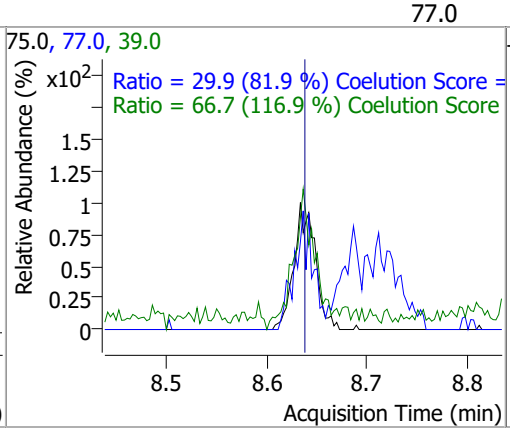


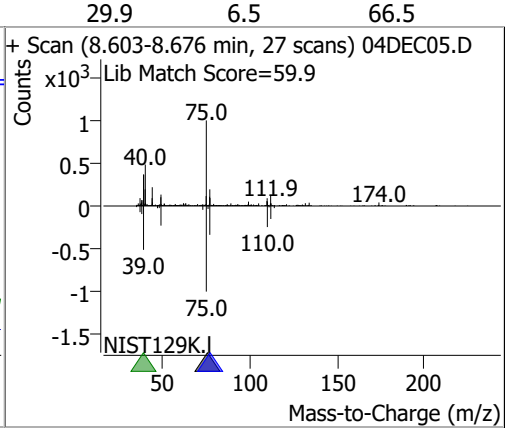




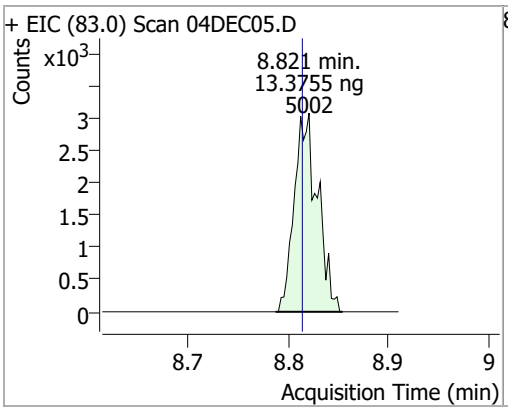
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	11.9776	8.63	-0.01	8620	39.0	66.7	27.0	87.0
					77.0	29.9	6.5	66.5

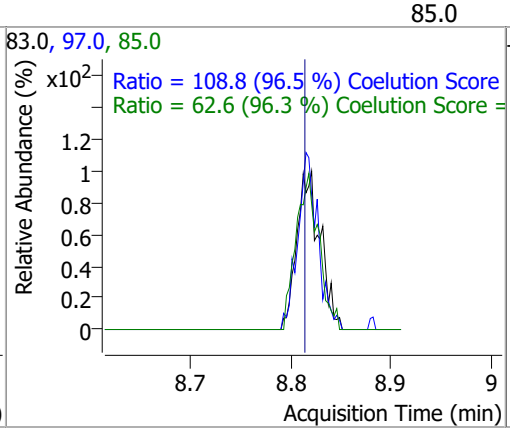


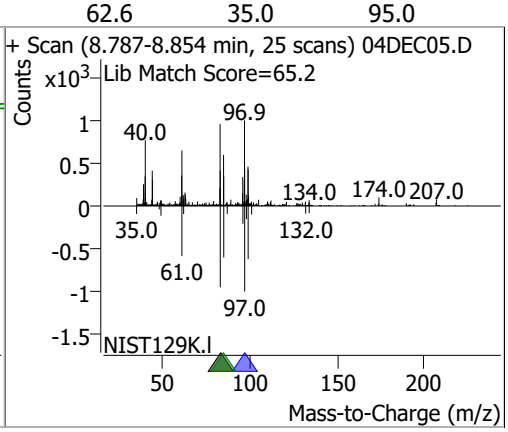




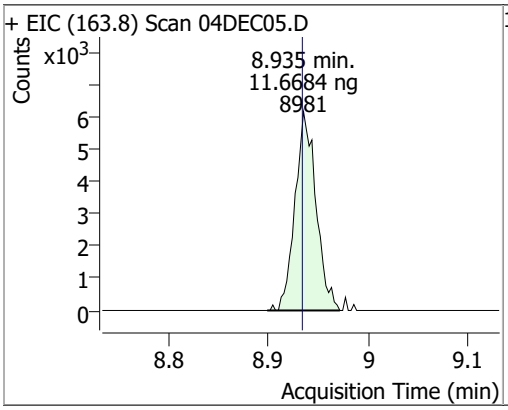
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	13.3755	8.82	0.01	5002	97.0	108.8	82.7	142.7
					85.0	62.6	35.0	95.0

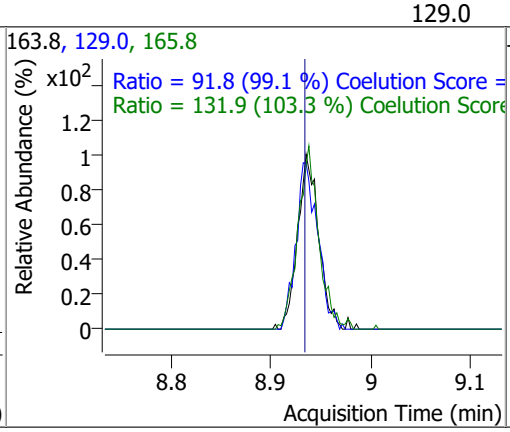


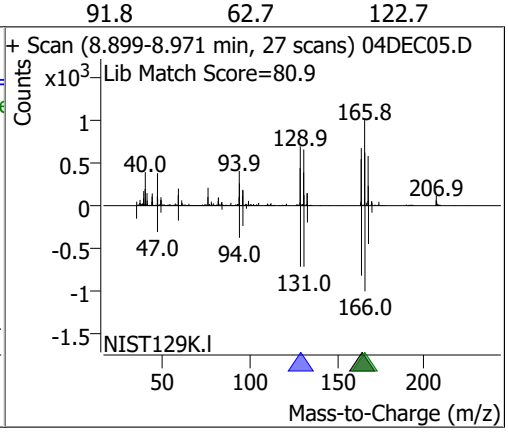




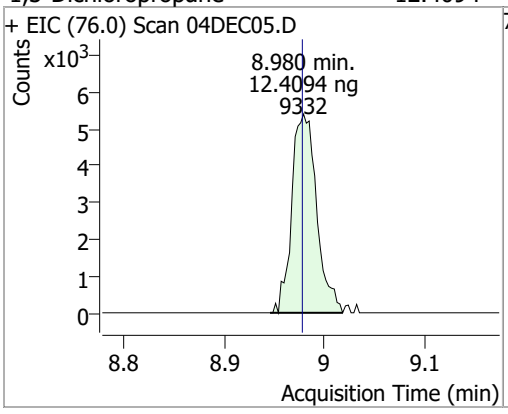
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	11.6684	8.93	0.00	8981	165.8	131.9	97.7	157.7
					129.0	91.8	62.7	122.7

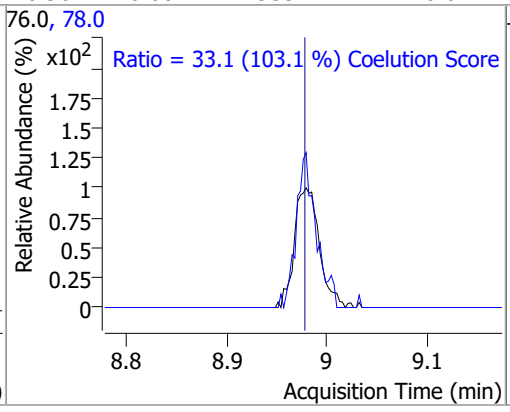


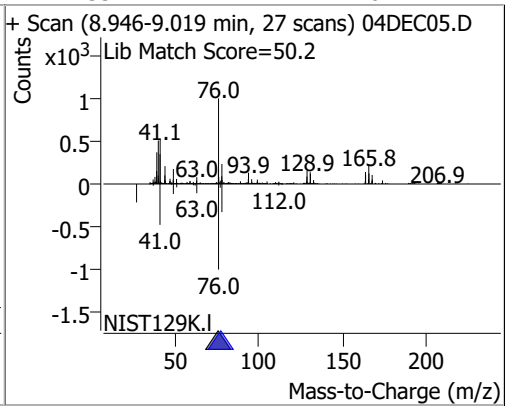




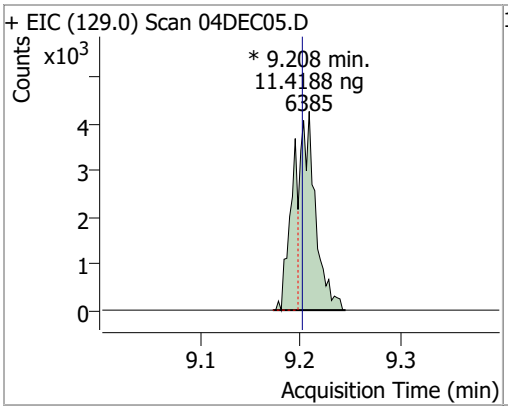
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	12.4094	8.98	0.00	9332	78.0	33.1	2.1	62.1

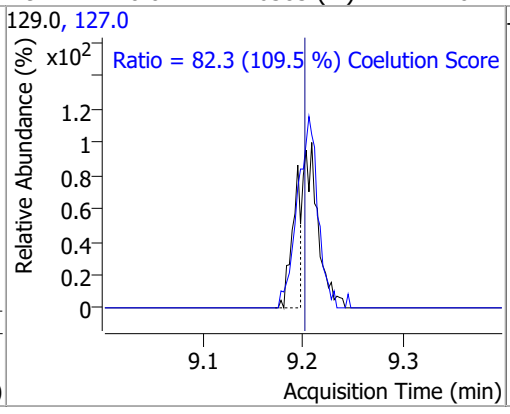


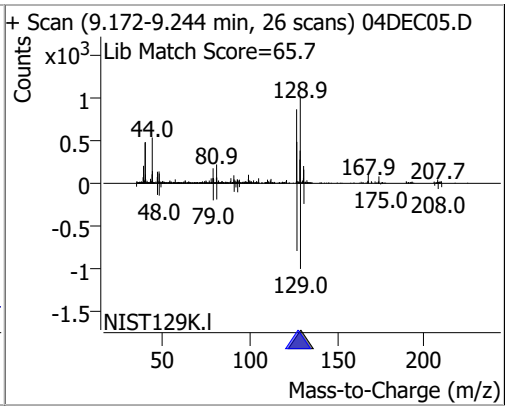




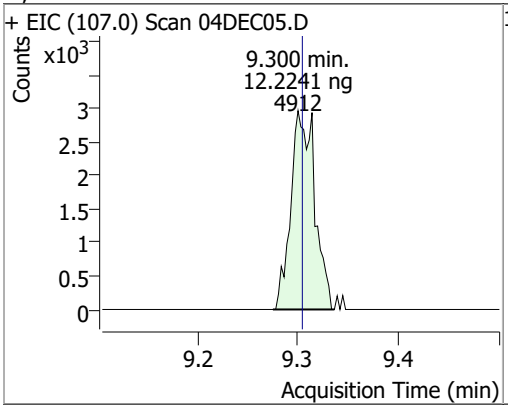
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	11.4188	9.21	0.01	6385 (m)	127.0	82.3	45.1	105.1

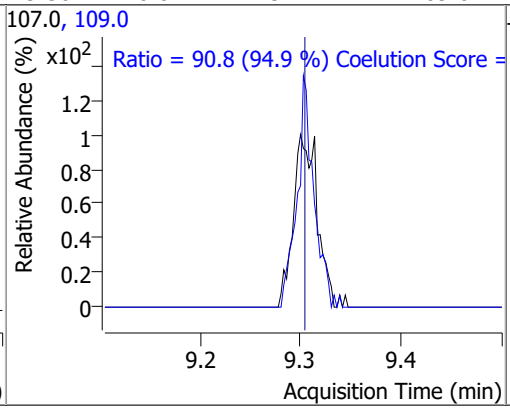


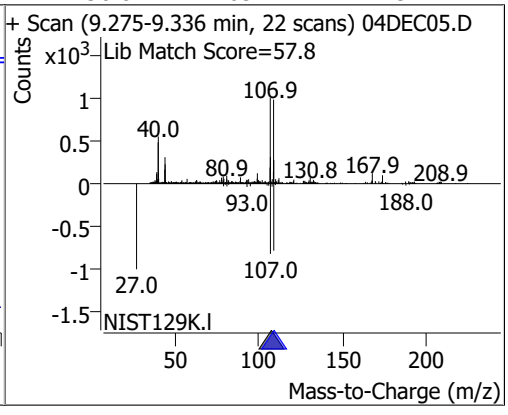




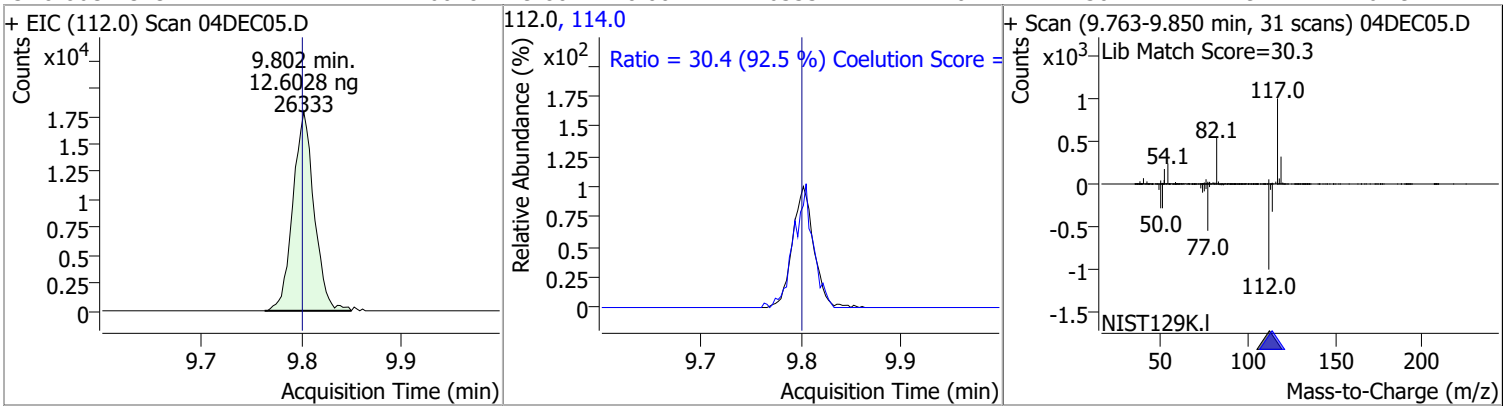
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	12.2241	9.30	-0.01	4912	109.0	90.8	65.7	125.7



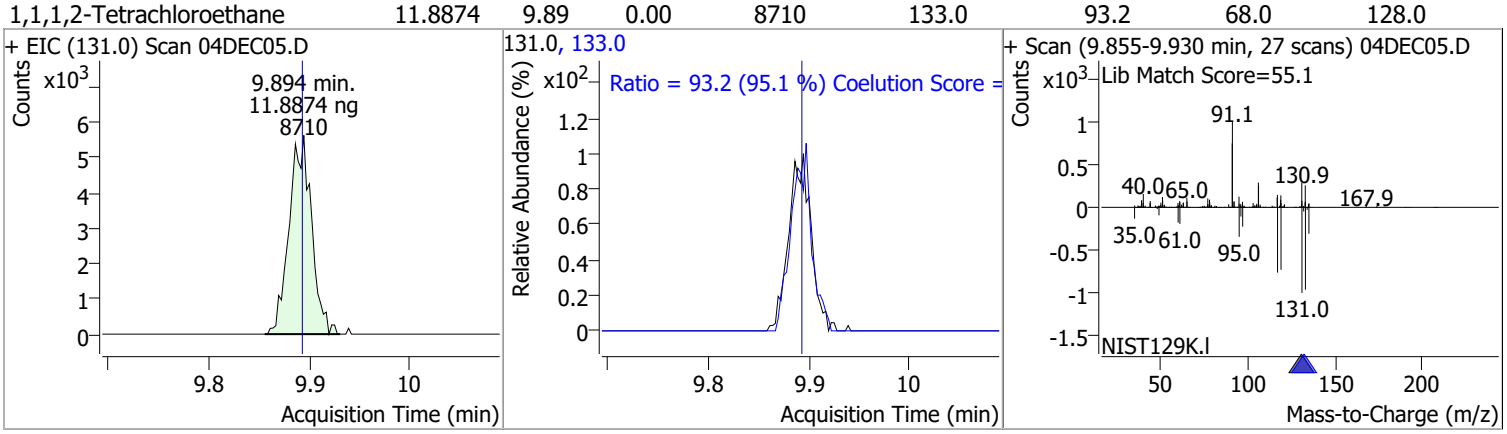




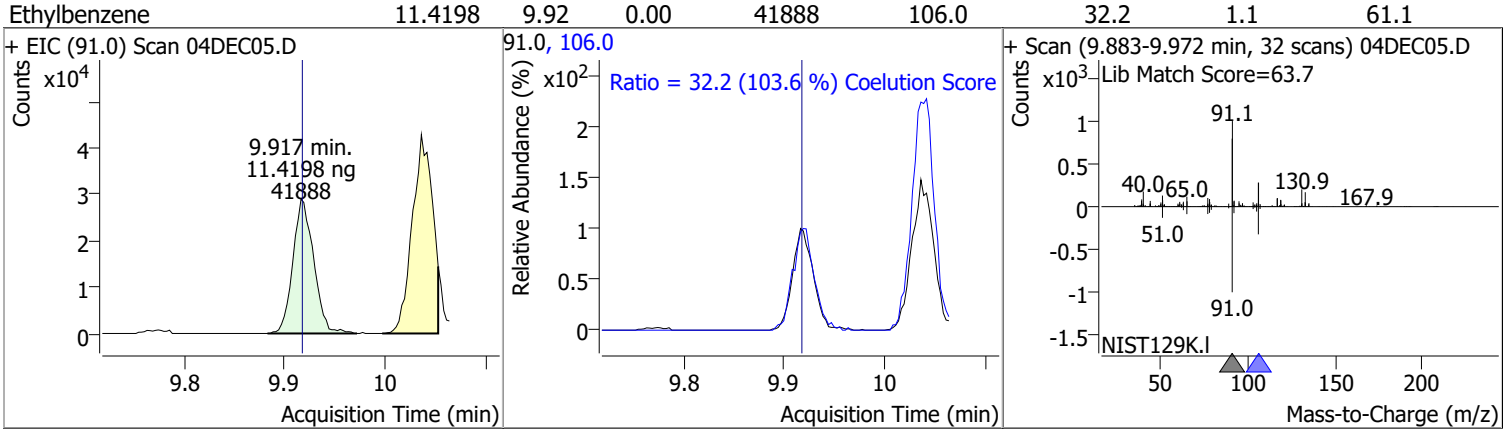
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	12.6028	9.80	0.00	26333	114.0	30.4	2.9	62.9



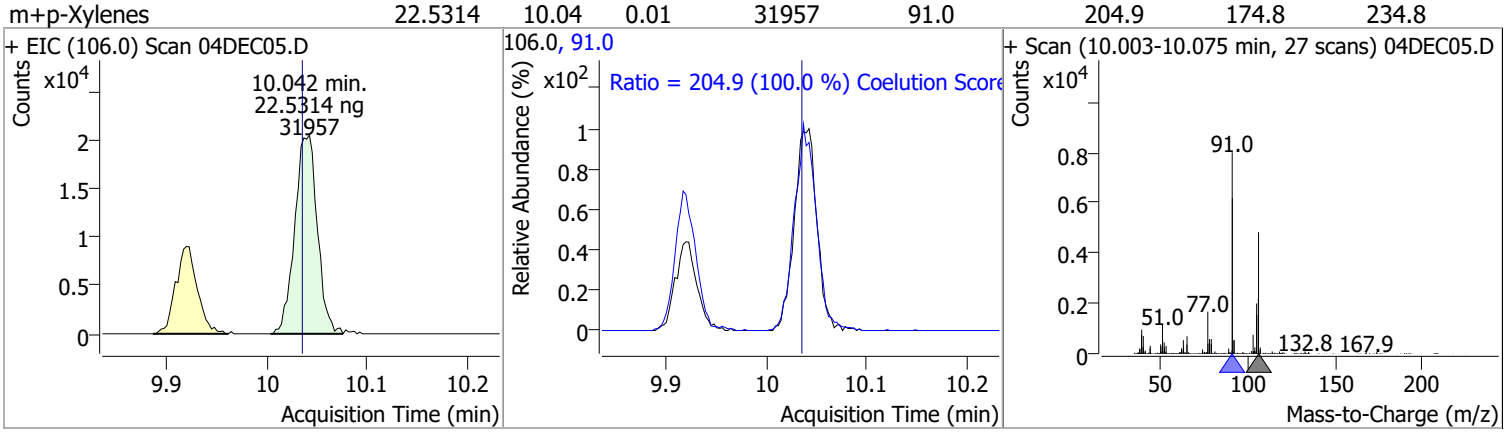
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	11.8874	9.89	0.00	8710	133.0	93.2	68.0	128.0



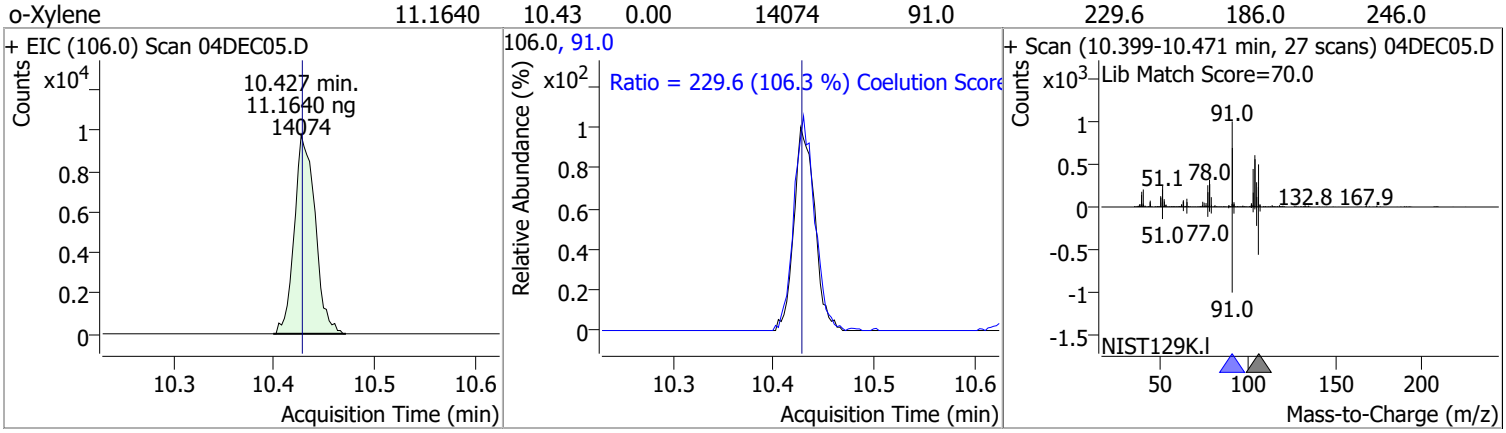
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	11.4198	9.92	0.00	41888	106.0	32.2	1.1	61.1



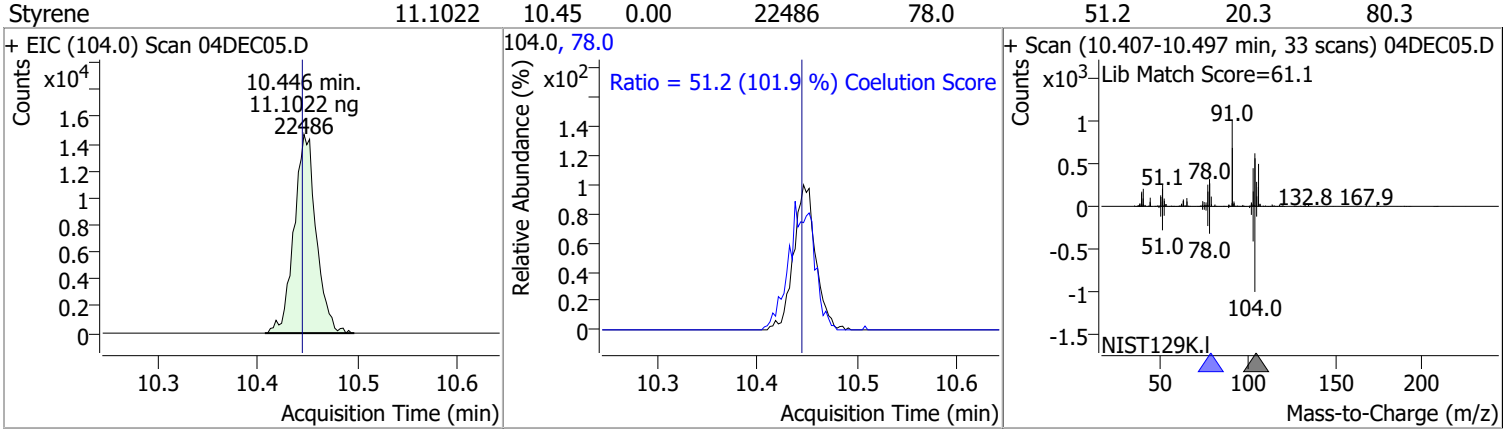
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	22.5314	10.04	0.01	31957	91.0	204.9	174.8	234.8



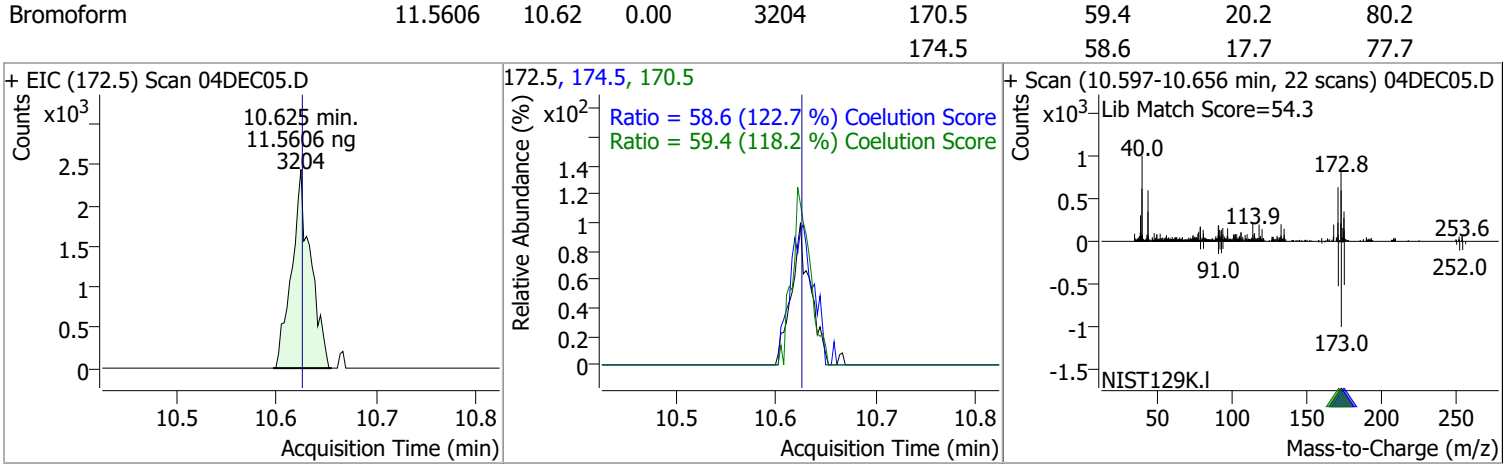
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	11.1640	10.43	0.00	14074	91.0	229.6	186.0	246.0



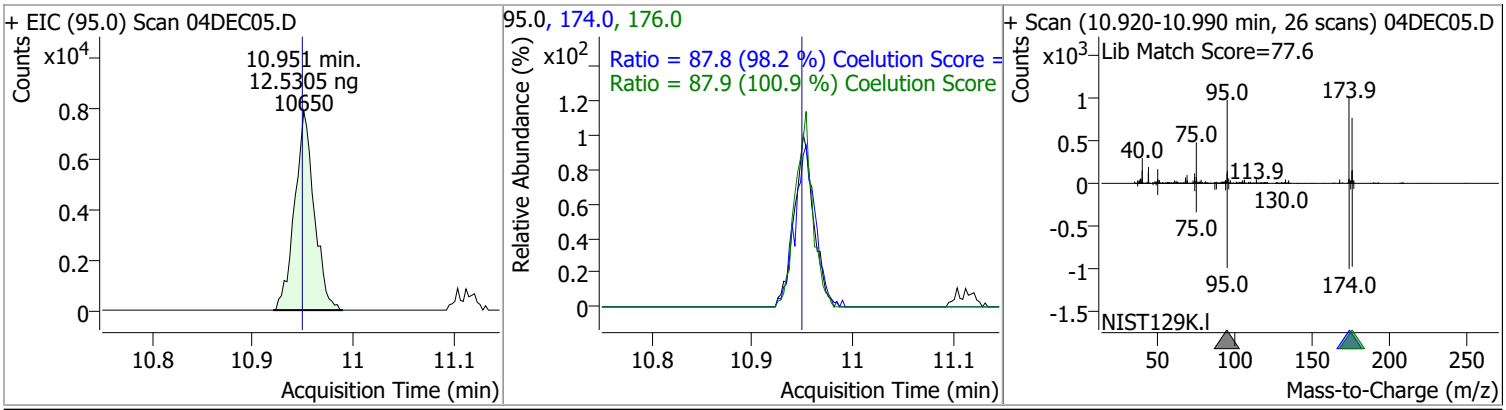
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	11.1022	10.45	0.00	22486	78.0	51.2	20.3	80.3



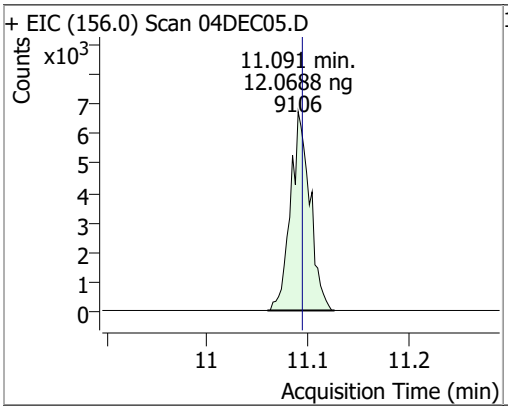
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	11.5606	10.62	0.00	3204	170.5	59.4	20.2	80.2
					174.5	58.6	17.7	77.7

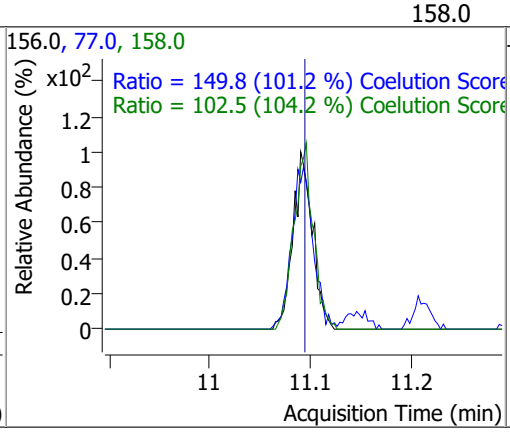


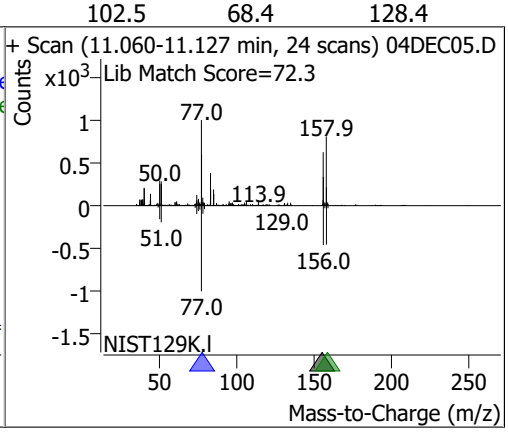
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	12.5305	10.95	0.00	10650	174.0	87.8	59.4	119.4
					176.0	87.9	57.1	117.1



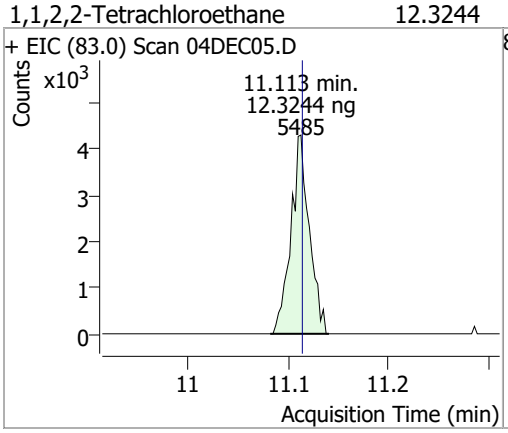
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	12.0688	11.09	0.00	9106	77.0	149.8	118.1	178.1
					158.0	102.5	68.4	128.4

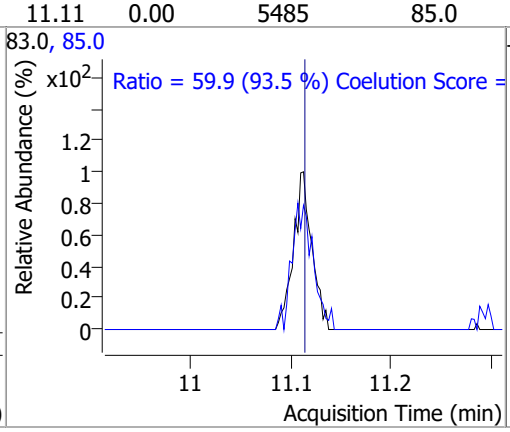


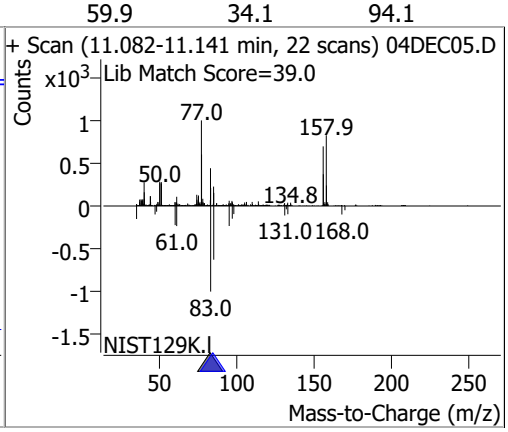




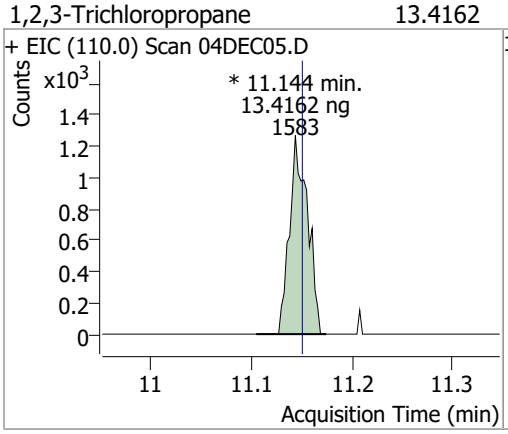
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	12.3244	11.11	0.00	5485	85.0	59.9	34.1	94.1

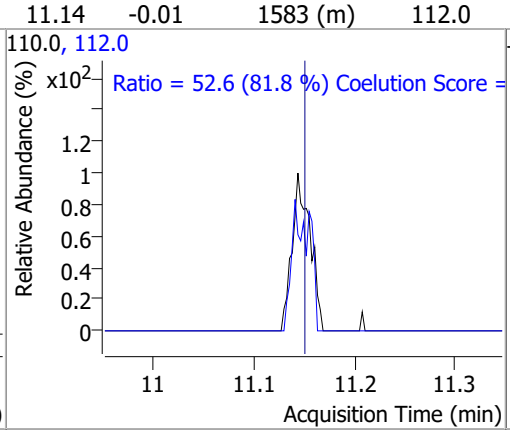


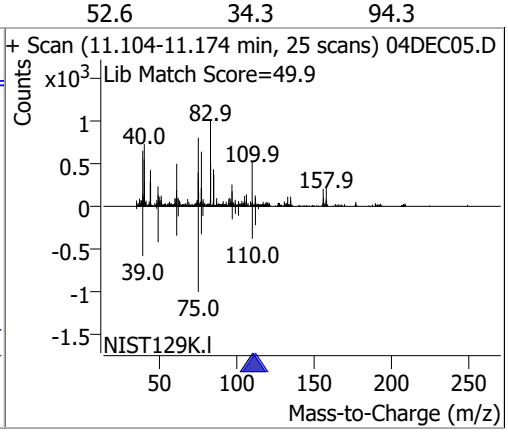




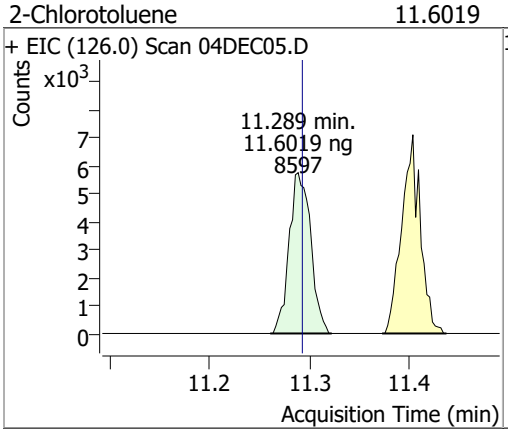
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	13.4162	11.14	-0.01	1583 (m)	112.0	52.6	34.3	94.3

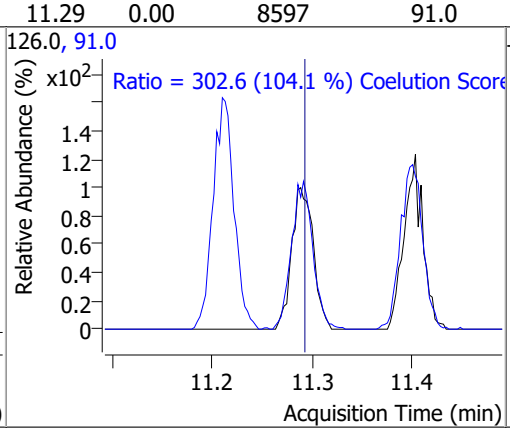


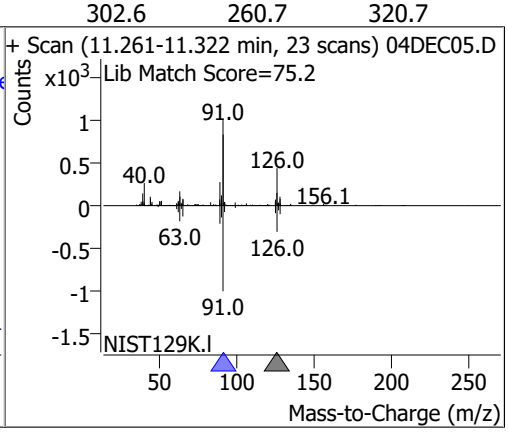




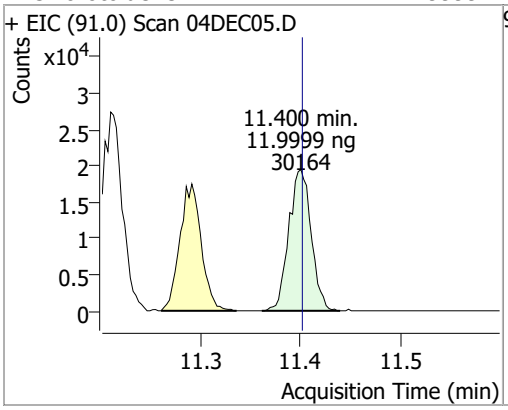
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	11.6019	11.29	0.00	8597	91.0	302.6	260.7	320.7

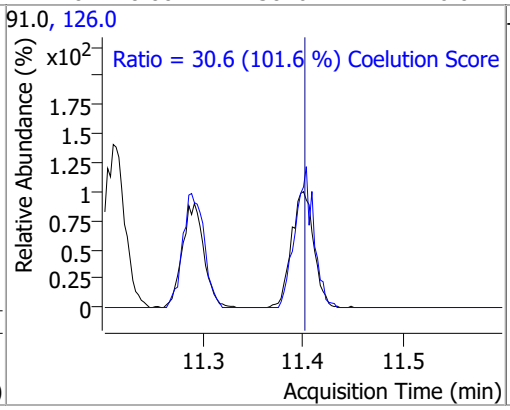


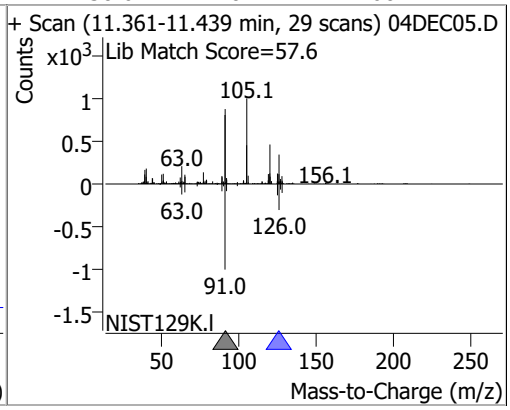




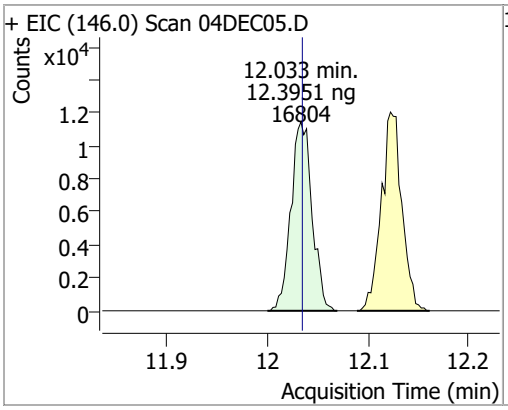
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	11.9999	11.40	0.00	30164	126.0	30.6	0.1	60.1

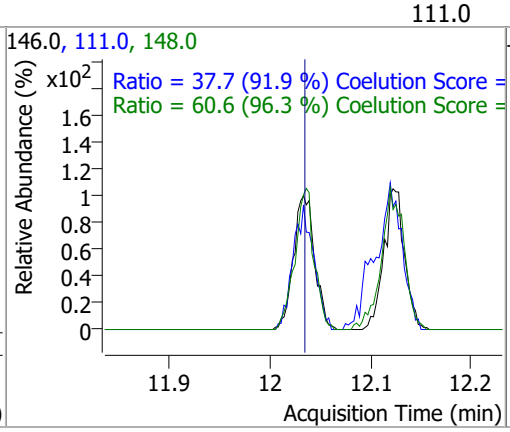


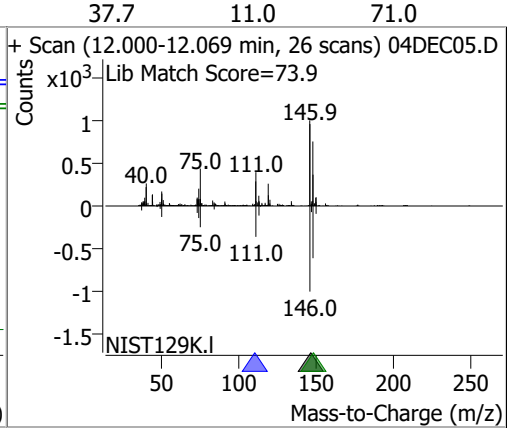




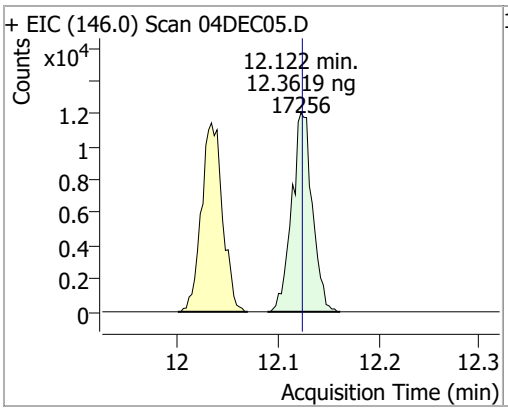
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	12.3951	12.03	0.00	16804	148.0	60.6	32.9	92.9
					111.0	37.7	11.0	71.0

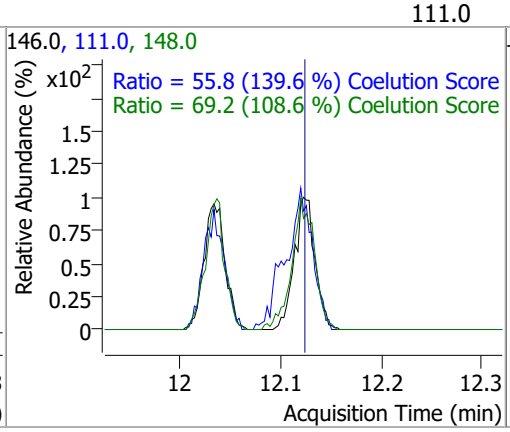


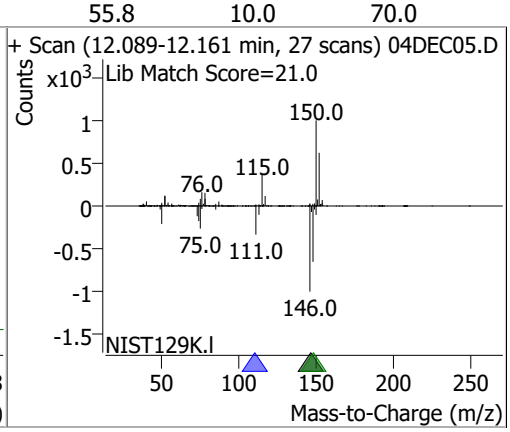




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	12.3619	12.12	0.00	17256	148.0	69.2	33.8	93.8
					111.0	55.8	10.0	70.0

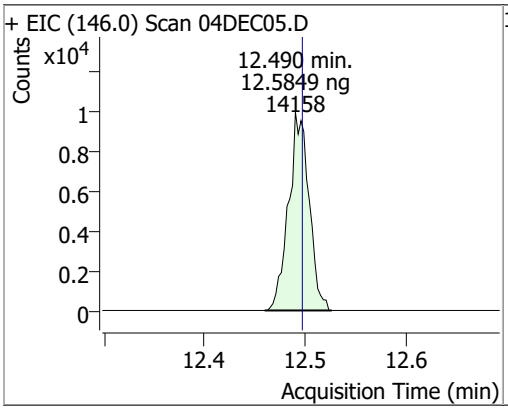


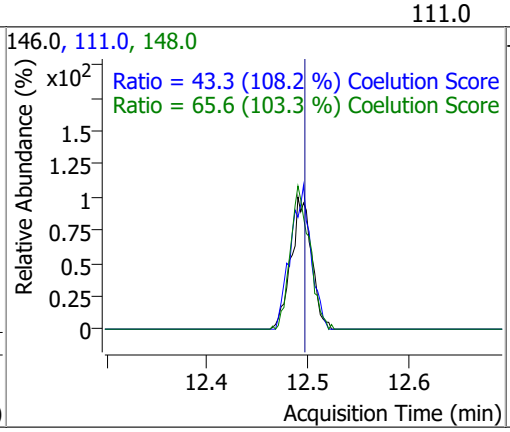


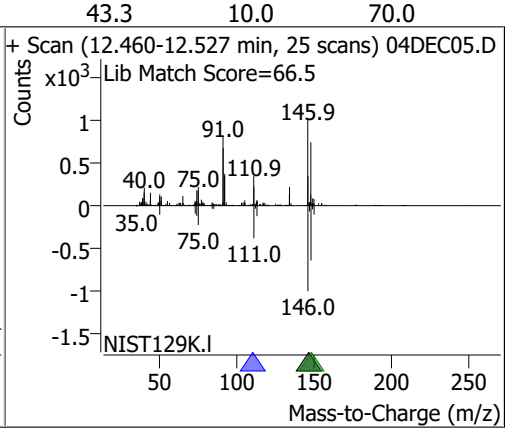


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	12.5849	12.49	-0.01	14158	148.0	65.6	33.5	93.5
					111.0	43.3	10.0	70.0



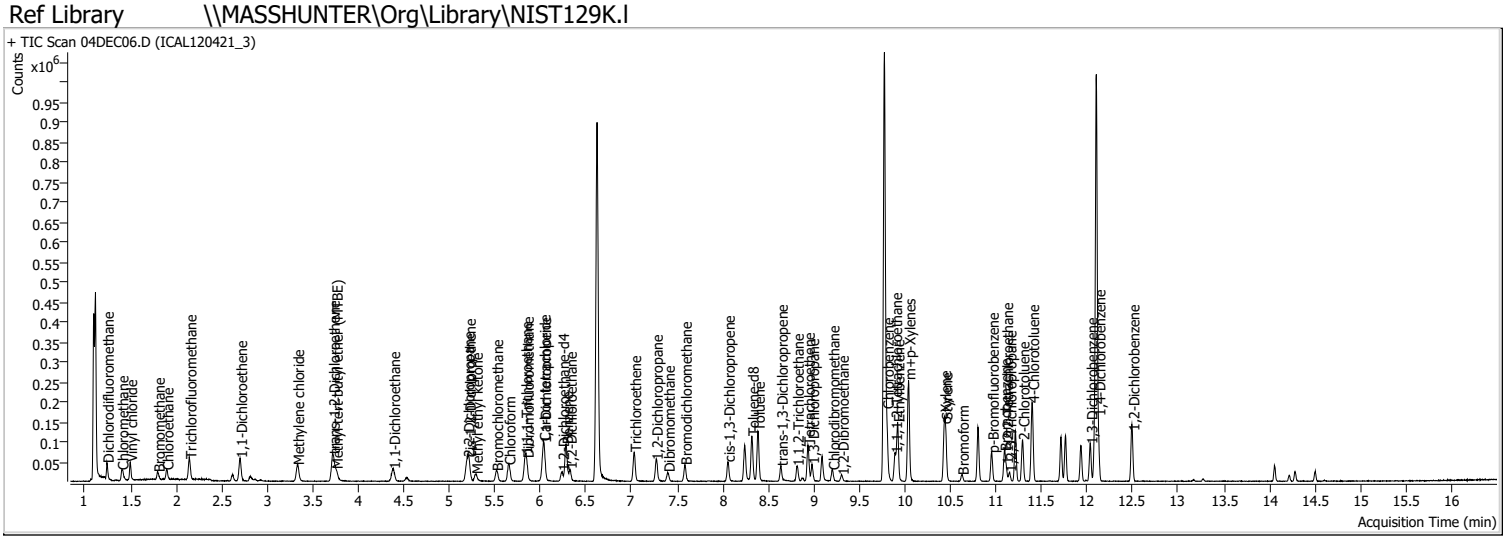




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04DEC06.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 1:57:47 PM
Sample Name	ICAL120421_3	Instrument	VOA5975C
Vial	6	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

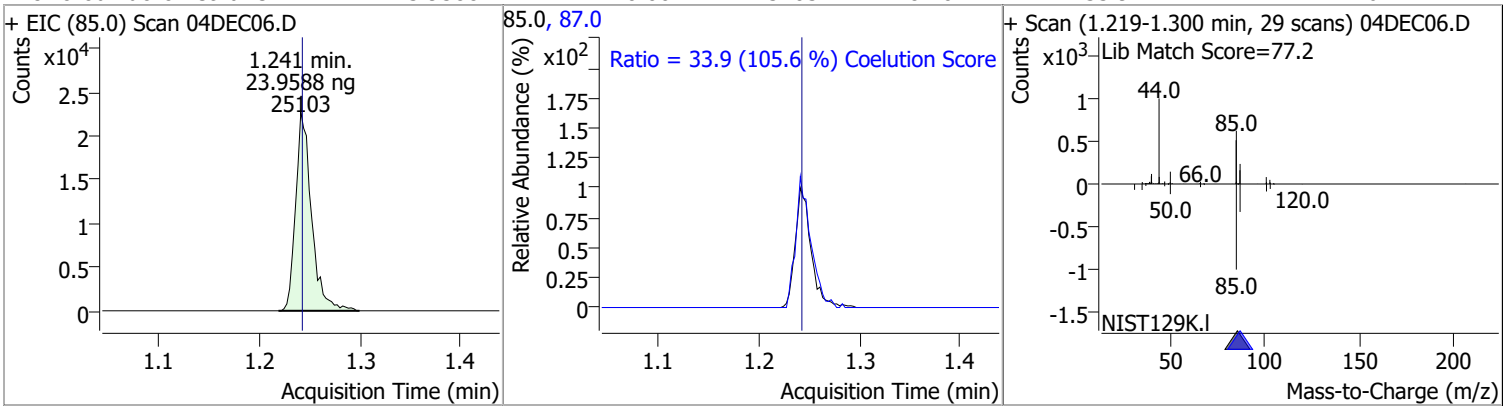


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	759246	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	292525	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	229297	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	18356	25.3855	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 10.15%		*	
S 1,2-Dichloroethane-d4	6.238	67.0	8169	24.5546	ng		0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 9.82%		*	
S Toluene-d8	8.319	98.0	67526	23.3687	ng		-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 9.35%		*	
S p-Bromofluorobenzene	10.954	95.0	21095	23.9688	ng		0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 9.59%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	25103	23.9588	ng		97
T Chloromethane	1.403	50.0	29627	24.5921	ng		99
T Vinyl chloride	1.498	62.0	27344	23.7881	ng		94
T Bromomethane	1.802	96.0	9046	23.2295	ng		95
T Chloroethane	1.894	64.0	15928	24.9003	ng		98
T Trichlorofluoromethane	2.147	101.0	35946	23.9229	ng		97
T 1,1-Dichloroethene	2.702	96.0	18714	23.3164	ng		97
T Methylene chloride	3.330	49.0	28841	25.9329	ng		97
T trans-1,2-Dichloroethene	3.720	96.0	19360	24.1553	ng		98
T Methyl tert-butyl ether (MTBE)	3.754	73.0	24360	24.0638	ng		93
T 1,1-Dichloroethane	4.381	63.0	36358	23.8718	ng		93
T 2,2-Dichloropropane	5.198	77.0	27683	24.5061	ng		96
T cis-1,2-Dichloroethene	5.215	96.0	19366	23.5682	ng		97
T Methyl ethyl ketone	5.290	43.0	25741	243.7959	ng		100
T Bromochloromethane	5.513	128.0	7771	24.7569	ng		100
T Chloroform	5.647	83.0	34908	23.8868	ng		97

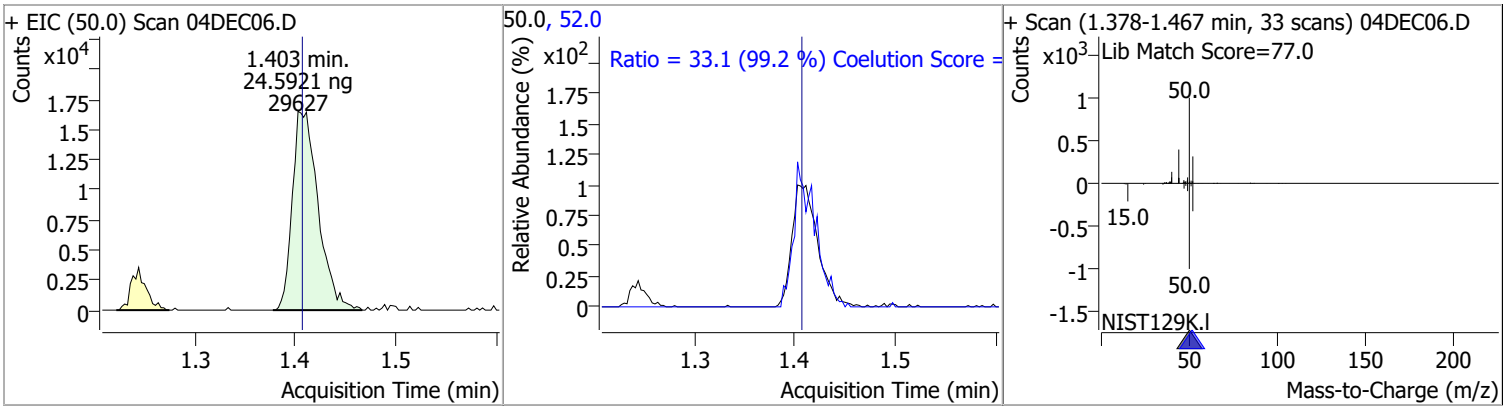
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	34184	24.2580	ng	99
T Carbon tetrachloride	6.032	117.0	31934	23.2379	ng	99
T 1,1-Dichloropropene	6.040	75.0	28696	23.3860	ng	98
T Benzene	6.280	78.0	75624	24.2162	ng	99
T 1,2-Dichloroethane	6.322	62.0	19478	23.6950	ng	94
T Trichloroethene	7.027	95.0	22543	23.7787	ng	98
T 1,2-Dichloropropane	7.267	63.0	18701	23.7303	ng	98
T Dibromomethane	7.396	93.0	7919	23.9446	ng	97
T Bromodichloromethane	7.585	83.0	22354	23.9209	ng	97
T cis-1,3-Dichloropropene	8.056	75.0	23092	22.4098	ng	89
T Toluene	8.386	92.0	43828	22.3366	ng	88
T trans-1,3-Dichloropropene	8.639	75.0	16871	22.9740	ng	91
T 1,1,2-Trichloroethane	8.812	83.0	9102	23.8527	ng	96
T Tetrachloroethene	8.935	163.8	19131	24.3590	ng	97
T 1,3-Dichloropropane	8.980	76.0	17660	23.0145	ng	97
T Chlorodibromomethane	9.205	129.0	13869	24.3076	ng	99
T 1,2-Dibromoethane	9.309	107.0	9348	22.7988	ng	93
T Chlorobenzene	9.799	112.0	52001	24.3900	ng	100
T 1,1,1,2-Tetrachloroethane	9.891	131.0	17770	23.7678	ng	92
T Ethylbenzene	9.919	91.0	88083	23.5340	ng	100
T m+p-Xylenes	10.039	106.0	65649	45.3613	ng	99
T o-Xylene	10.430	106.0	29255	22.7424	ng	97
T Styrene	10.444	104.0	46987	22.7357	ng	98
T Bromoform	10.625	172.5	6879	23.9695	ng	93
T Bromobenzene	11.091	156.0	20015	25.6177	ng	95
T 1,1,2,2-Tetrachloroethane	11.110	83.0	11488	24.9277	ng	97
T 1,2,3-Trichloropropane	11.149	110.0	3343	27.3608	ng	99
T 2-Chlorotoluene	11.291	126.0	17111	22.3000	ng	93
T 4-Chlorotoluene	11.397	91.0	60727	23.3302	ng	98
T 1,3-Dichlorobenzene	12.036	146.0	33563	23.9081	ng	97
T 1,4-Dichlorobenzene	12.122	146.0	35254	24.3894	ng	93
T 1,2-Dichlorobenzene	12.496	146.0	28421	24.3969	ng	98

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

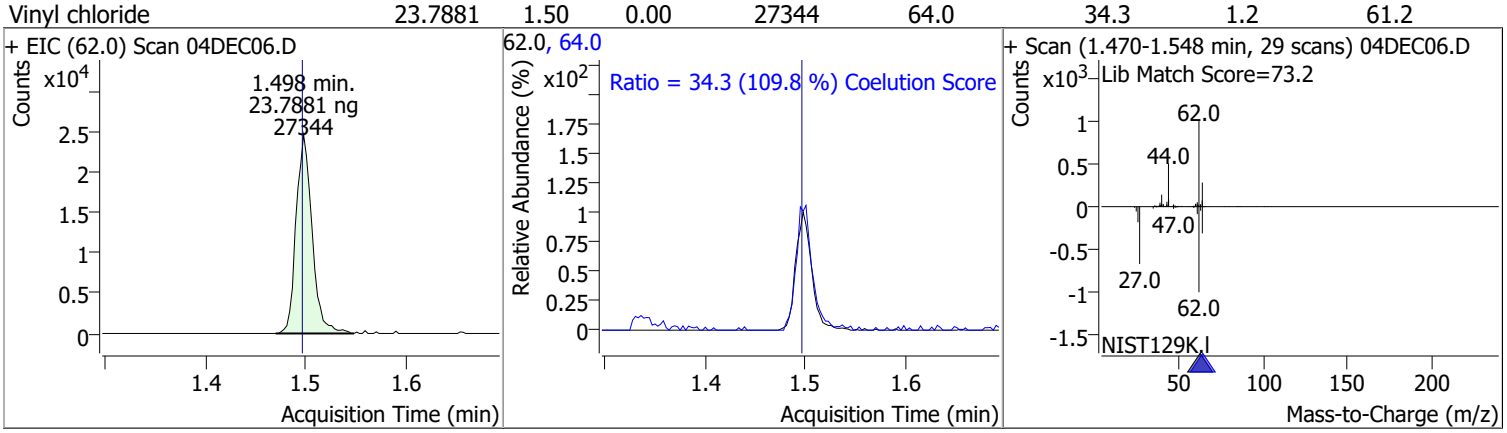
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	23.9588	1.24	0.00	25103	87.0	33.9	2.1	62.1



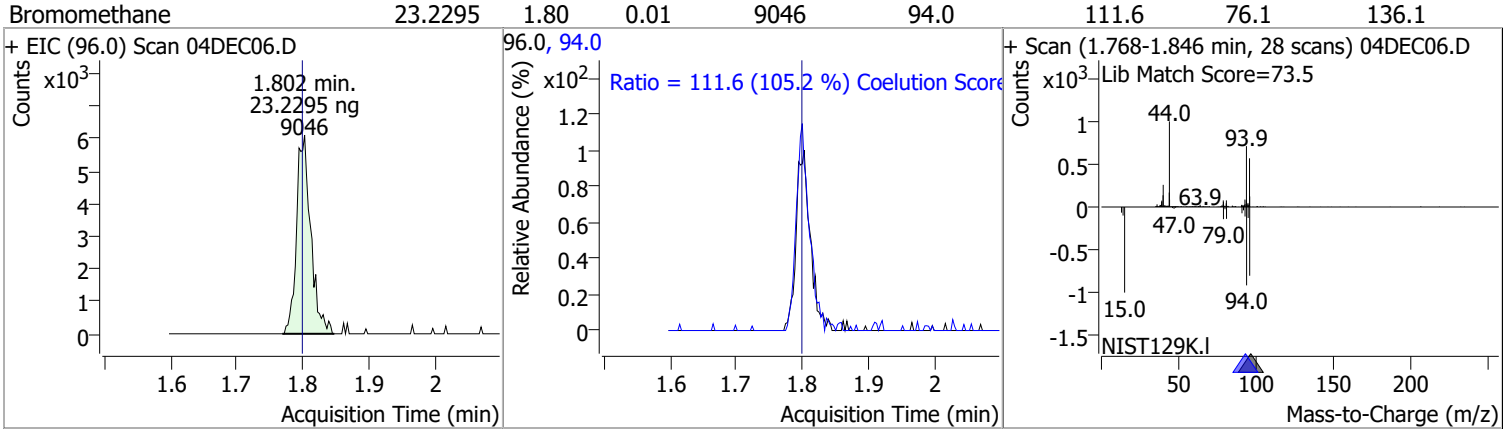
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	24.5921	1.40	0.00	29627	52.0	33.1	3.4	63.4



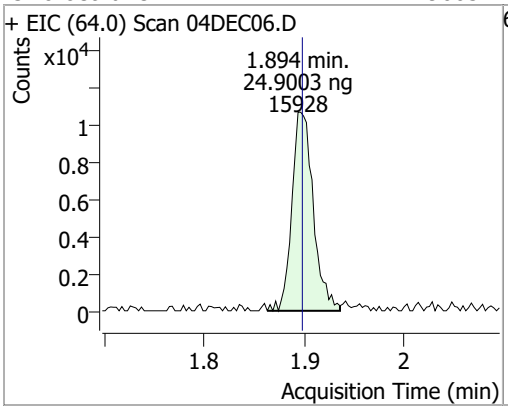
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	23.7881	1.50	0.00	27344	64.0	34.3	1.2	61.2

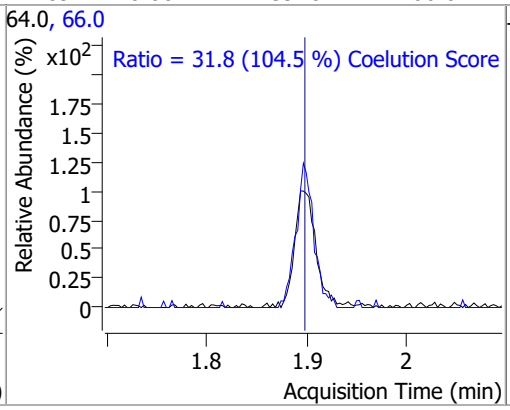


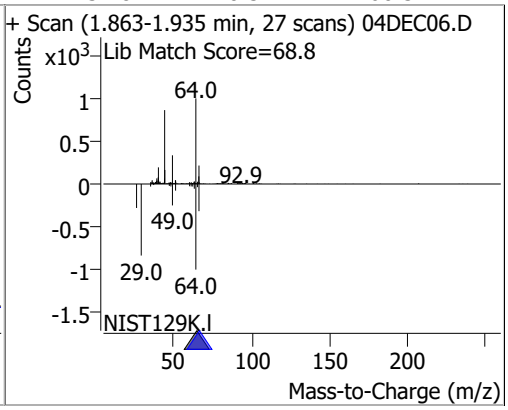
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	23.2295	1.80	0.01	9046	94.0	111.6	76.1	136.1



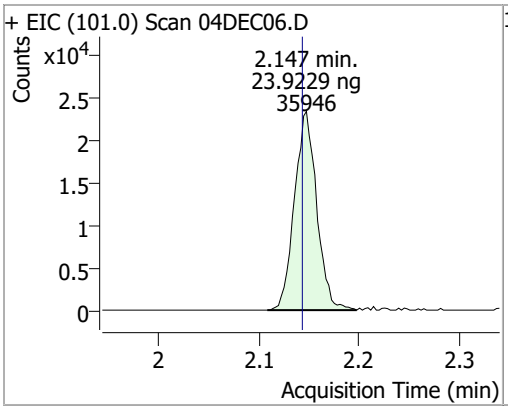
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	24.9003	1.89	0.00	15928	66.0	31.8	0.5	60.5

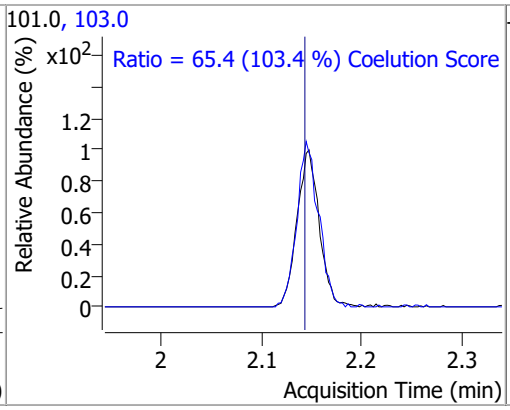


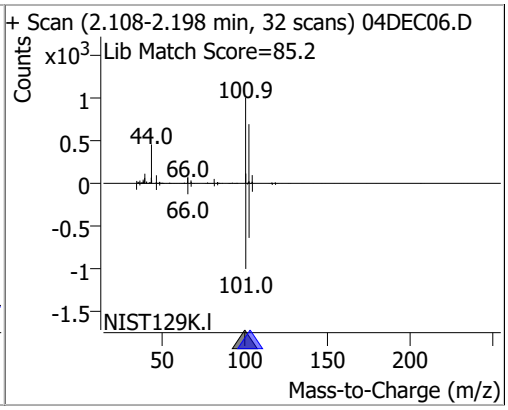




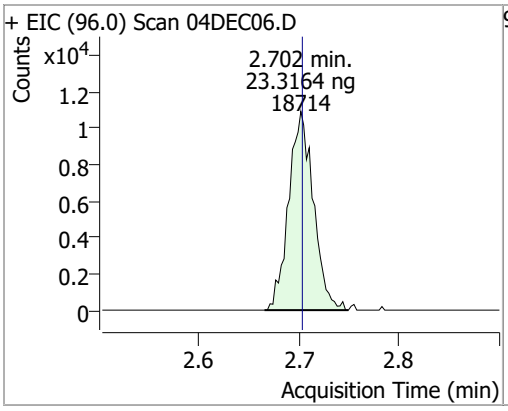
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	23.9229	2.15	0.01	35946	103.0	65.4	33.3	93.3

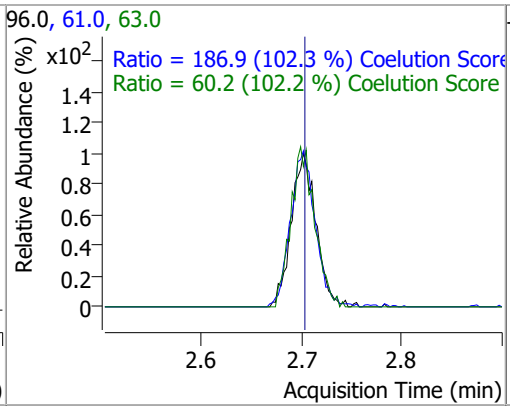


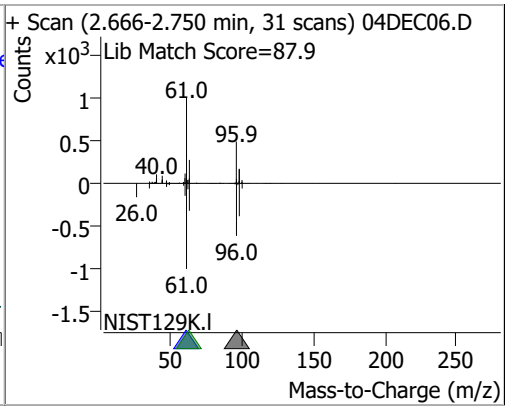




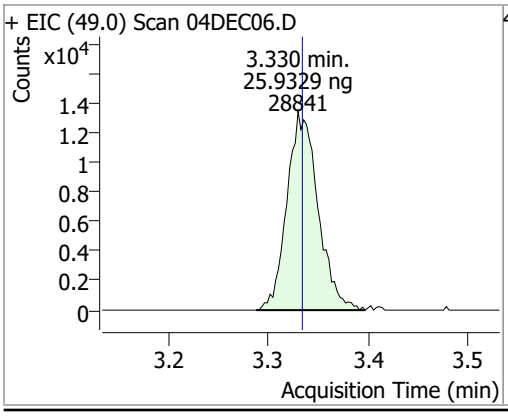
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	23.3164	2.70	0.00	18714	61.0	186.9	152.6	212.6
					63.0	60.2	28.9	88.9

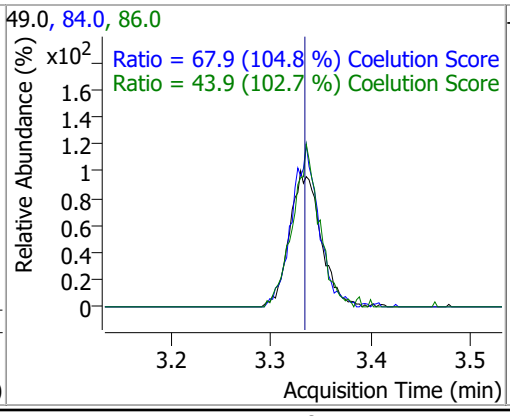


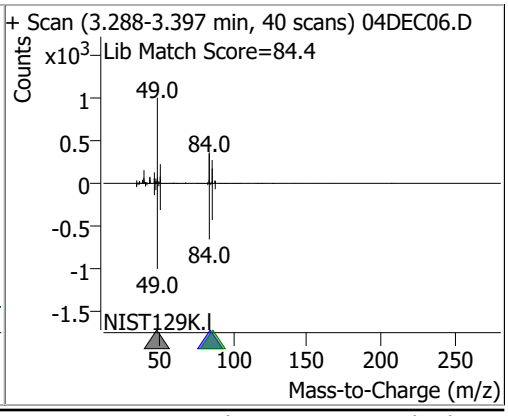




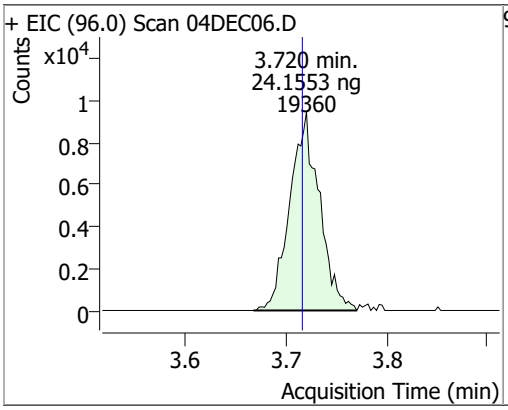
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	25.9329	3.33	0.00	28841	84.0	67.9	34.8	94.8
					86.0	43.9	12.7	72.7

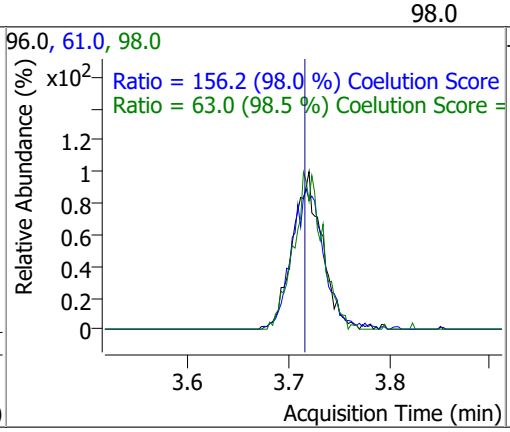


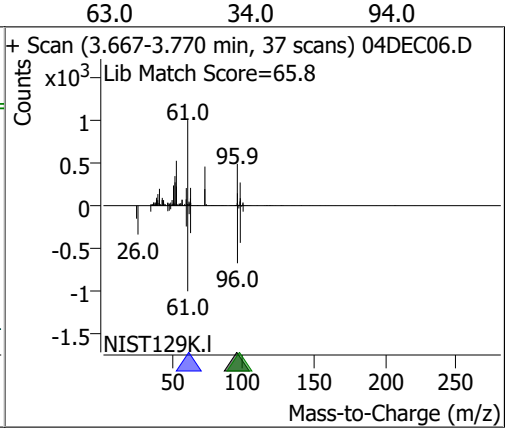




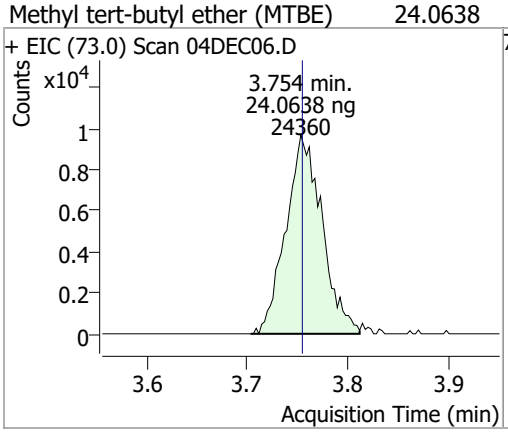
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	24.1553	3.72	0.01	19360	61.0	156.2	129.4	189.4
					98.0	63.0	34.0	94.0

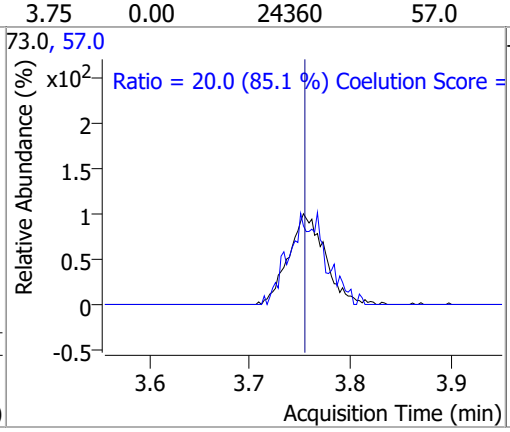


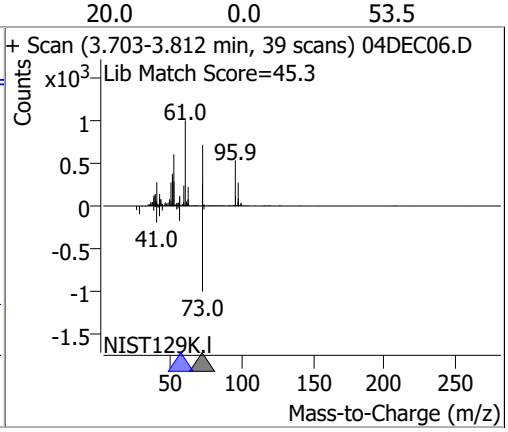




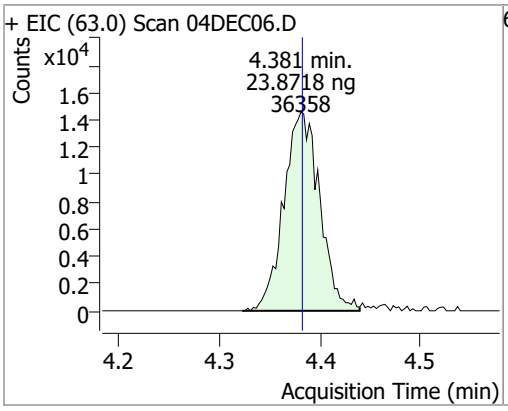
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	24.0638	3.75	0.00	24360	57.0	20.0	0.0	53.5

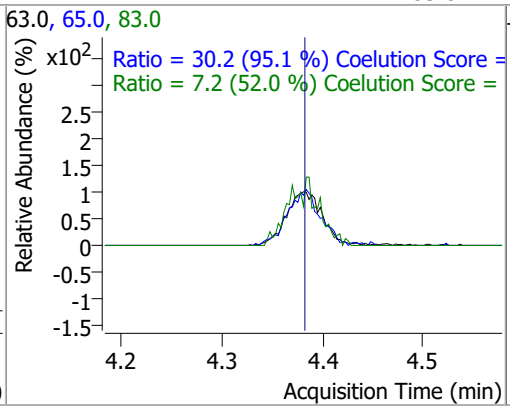


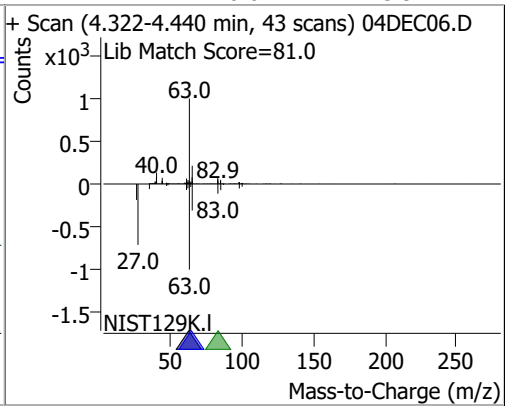




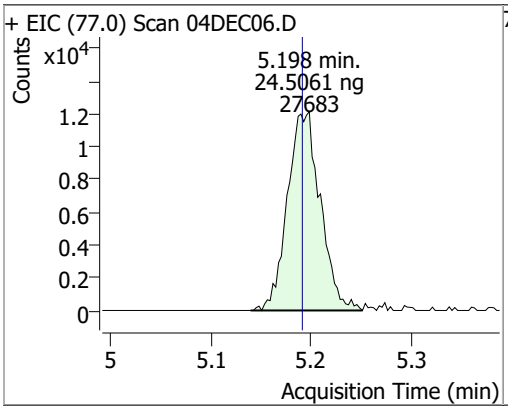
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	23.8718	4.38	0.00	36358	65.0	30.2	1.7	61.7
					83.0	7.2	0.0	43.9

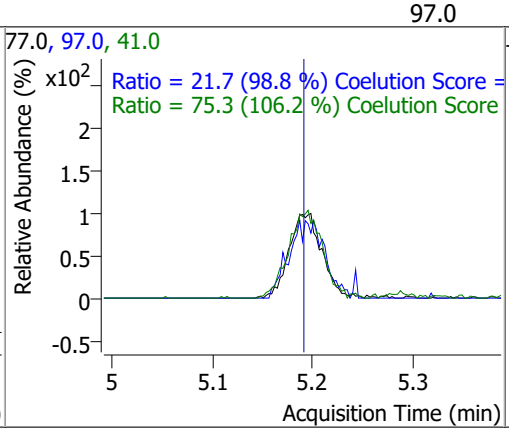


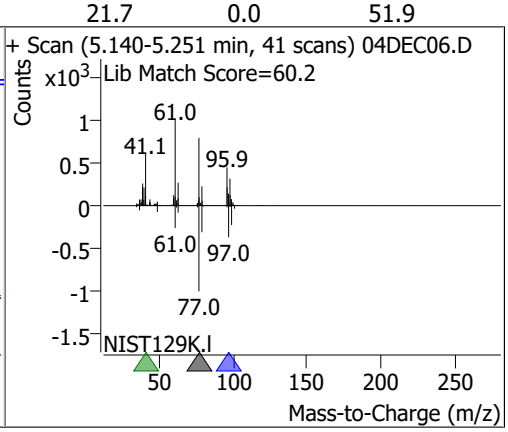




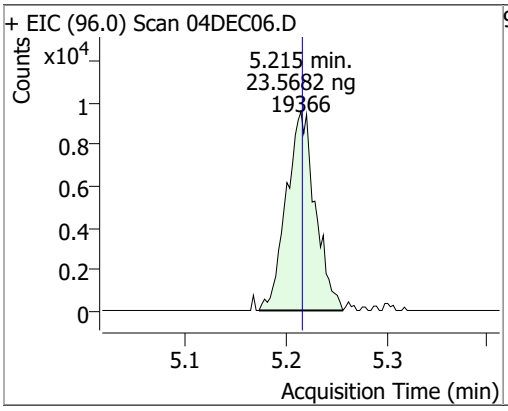
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	24.5061	5.20	0.01	27683	41.0	75.3	41.0	101.0
					97.0	21.7	0.0	51.9

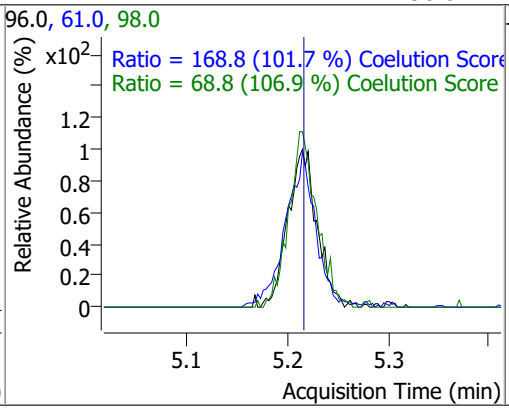


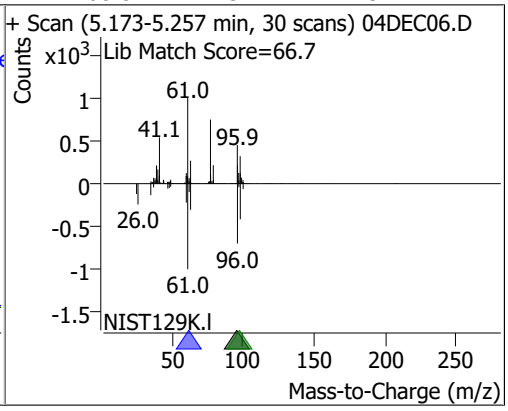




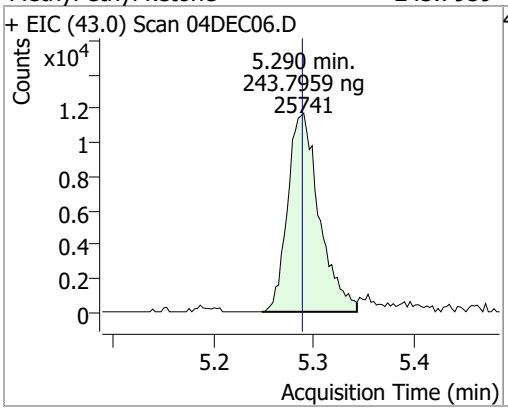
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	23.5682	5.21	0.00	19366	61.0	168.8	135.9	195.9
					98.0	68.8	34.4	94.4

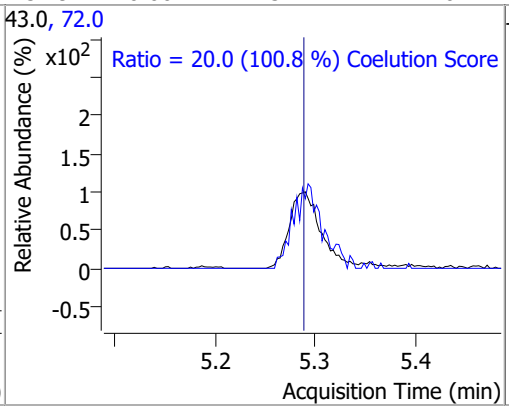


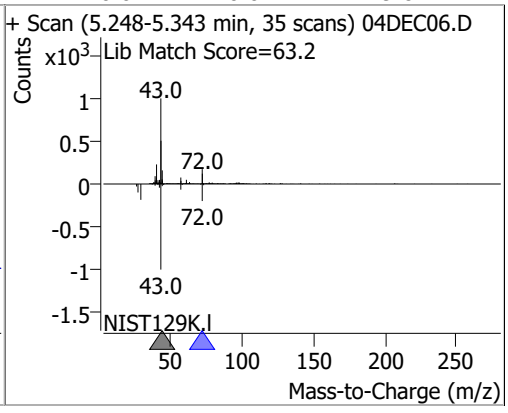




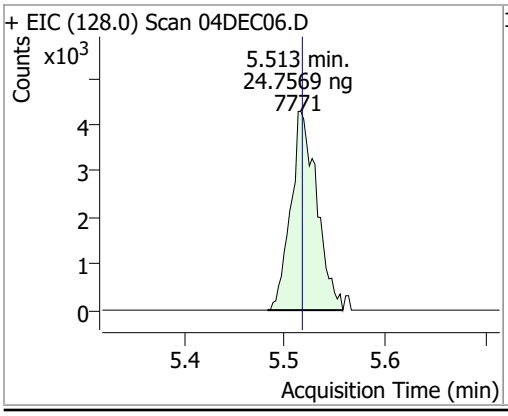
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	243.7959	5.29	0.00	25741	72.0	20.0	0.0	49.8

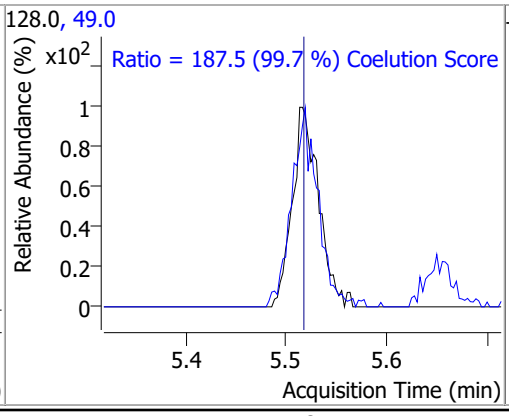


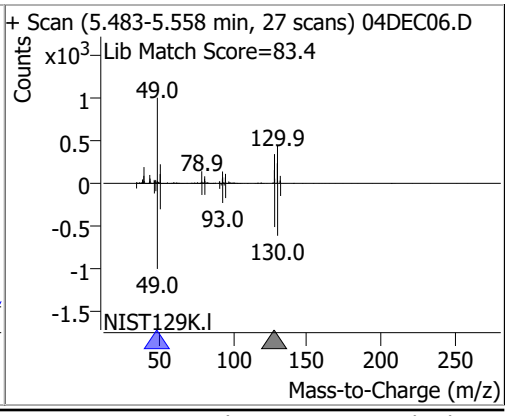




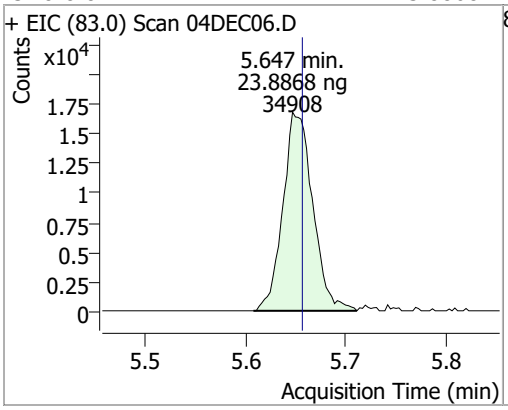
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	24.7569	5.51	0.00	7771	49.0	187.5	158.1	218.1

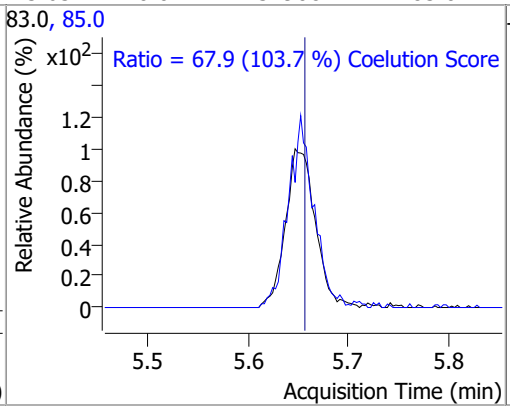


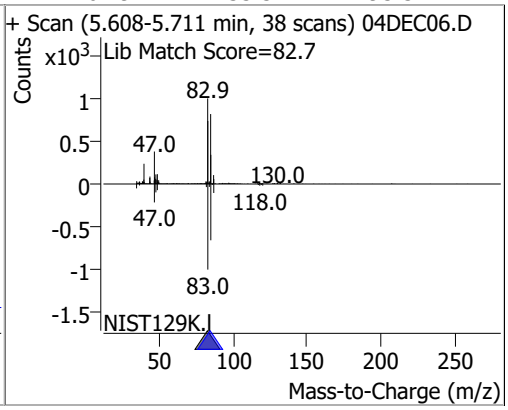




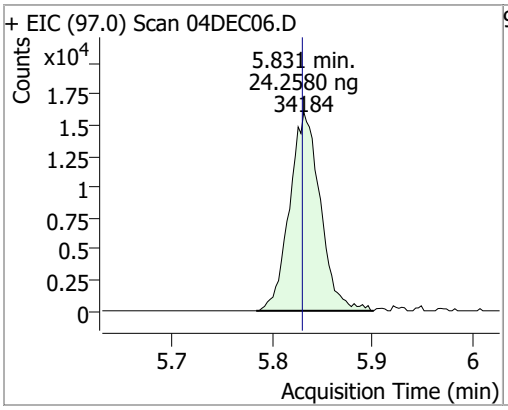
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	23.8868	5.65	-0.01	34908	85.0	67.9	35.5	95.5

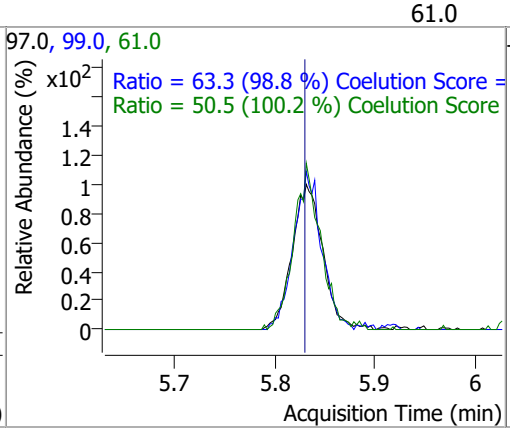


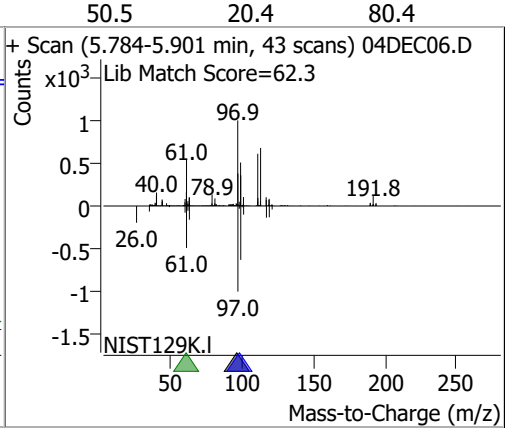




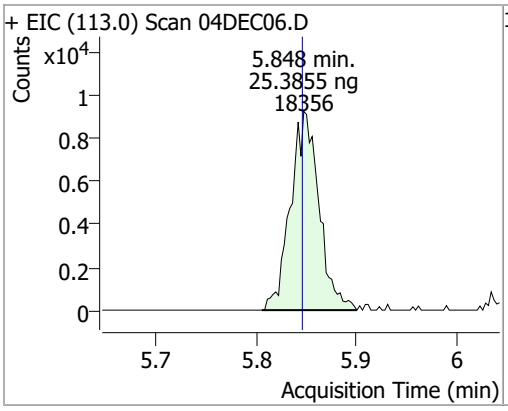
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	24.2580	5.83	0.00	34184	99.0	63.3	34.0	94.0
					61.0	50.5	20.4	80.4

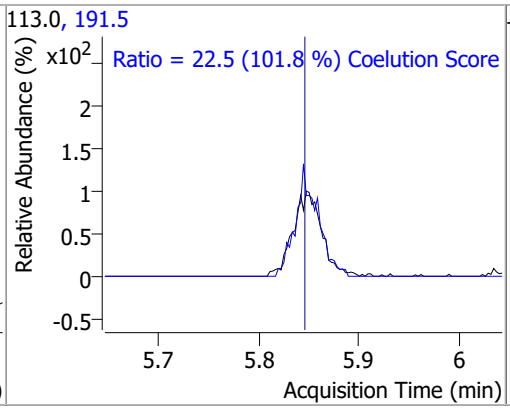


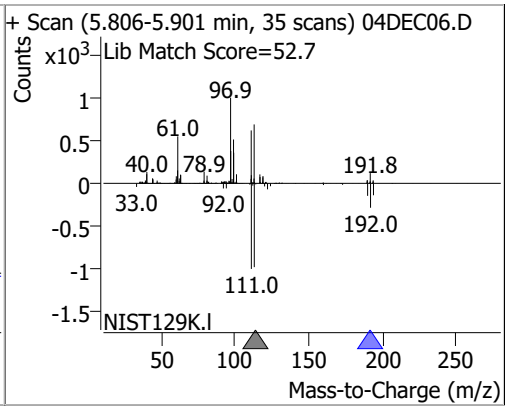




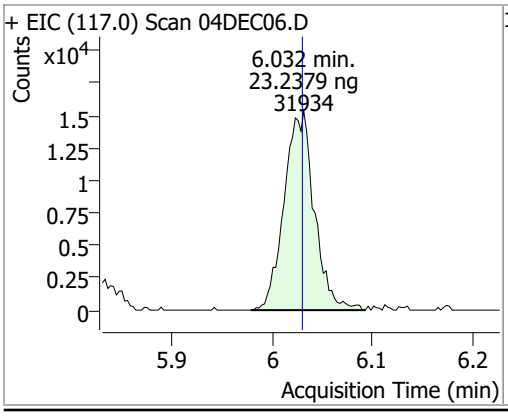
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	25.3855	5.85	0.00	18356	191.5	22.5	0.0	52.1

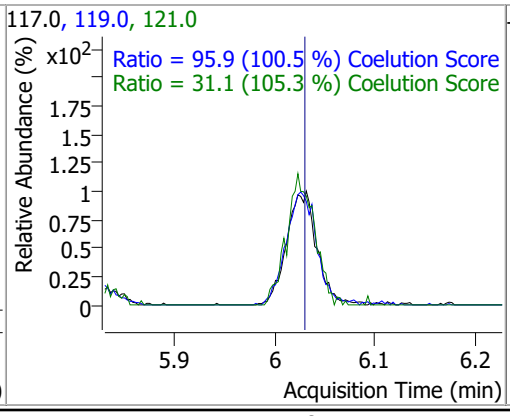


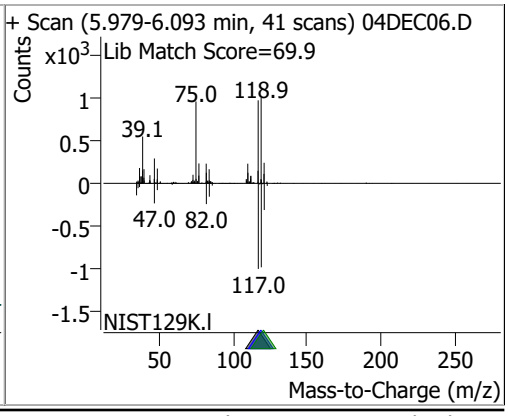




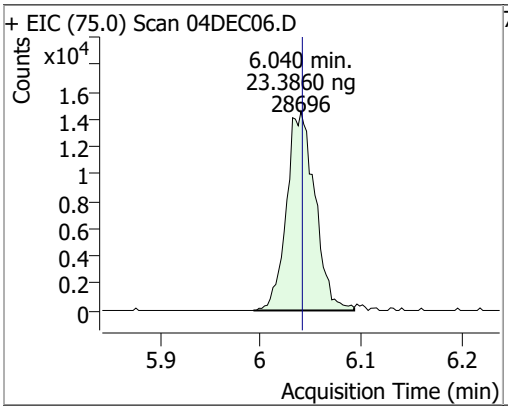
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	23.2379	6.03	0.00	31934	119.0	95.9	65.4	125.4
					121.0	31.1	0.0	59.5

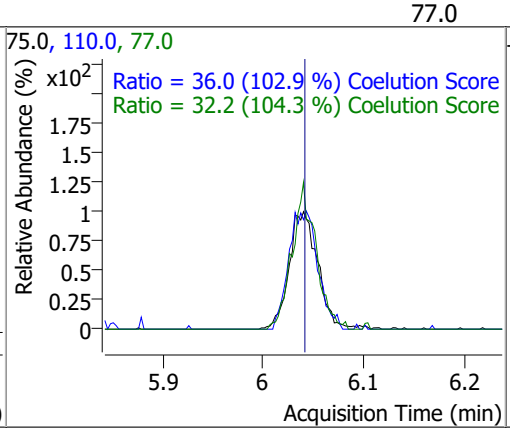


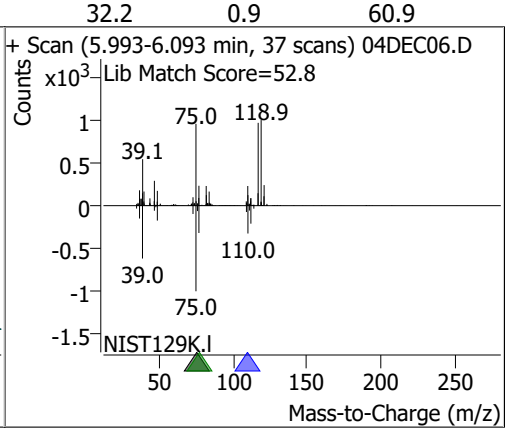




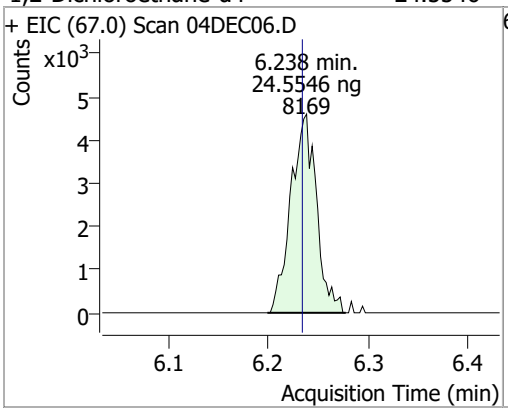
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	23.3860	6.04	0.00	28696	110.0	36.0	5.0	65.0
					77.0	32.2	0.9	60.9

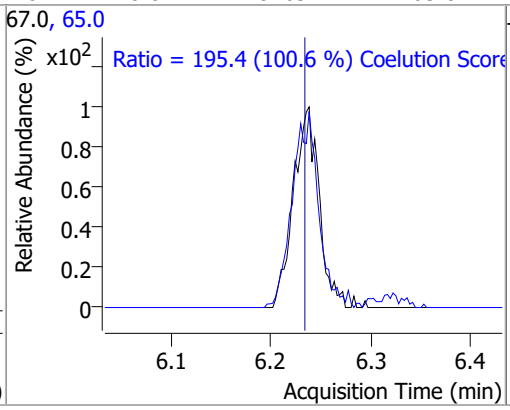


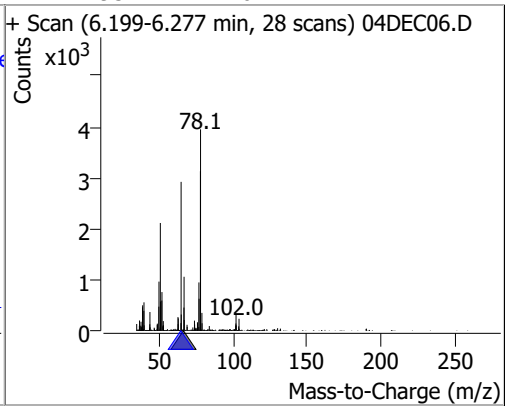




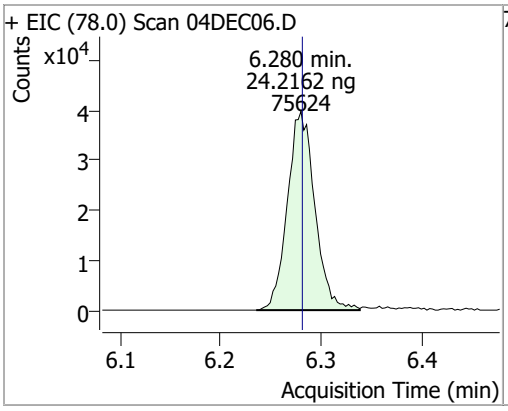
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	24.5546	6.24	0.01	8169	65.0	195.4	164.2	224.2

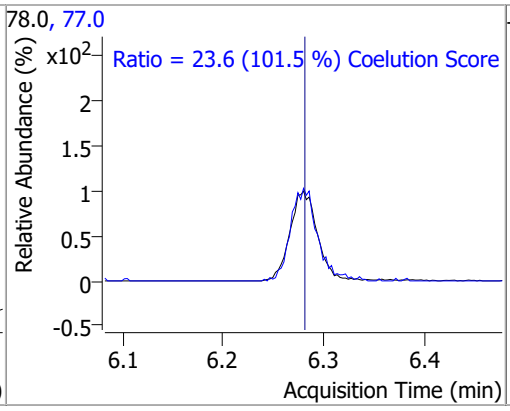


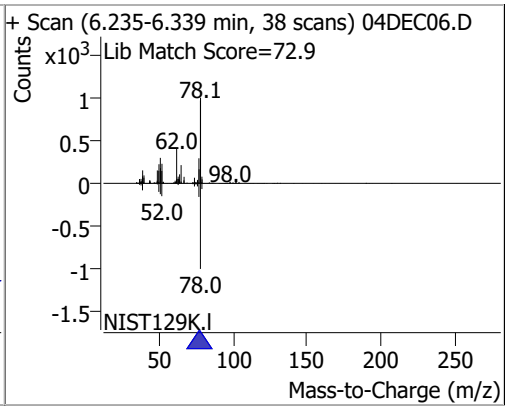




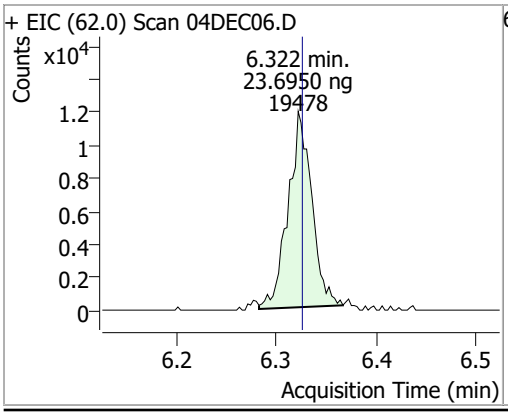
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	24.2162	6.28	0.00	75624	77.0	23.6	0.0	53.3

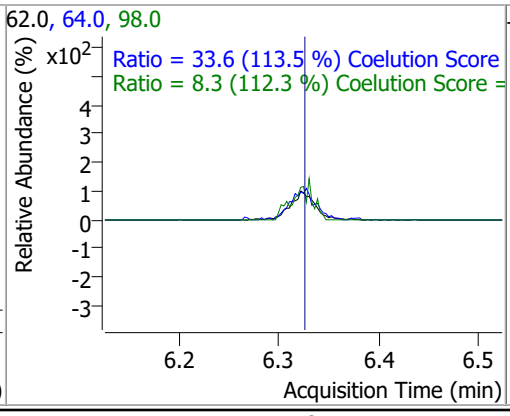


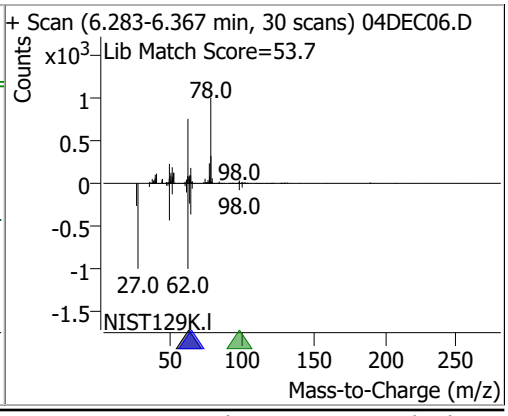




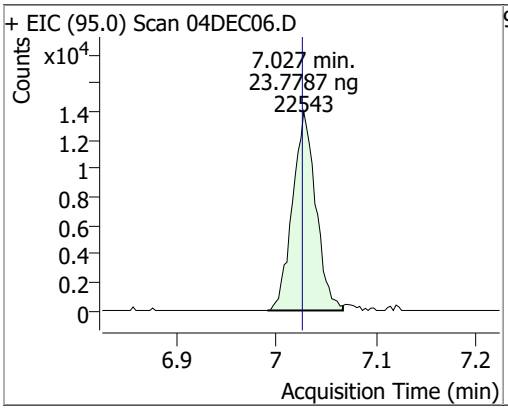
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	23.6950	6.32	0.00	19478	64.0	33.6	0.0	59.6
					98.0	8.3	0.0	37.4

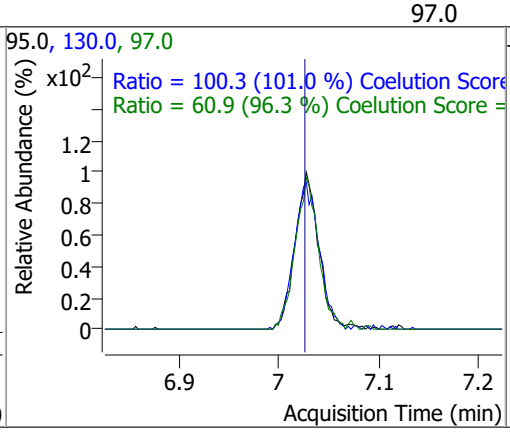


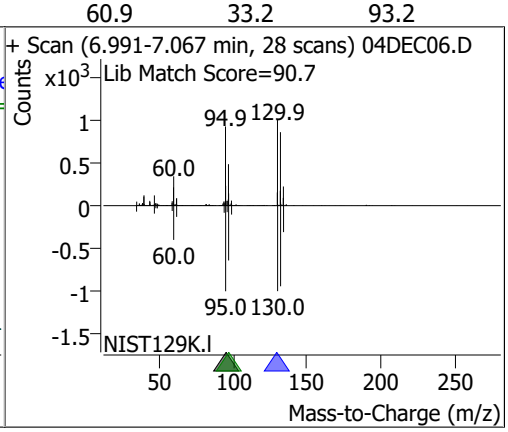




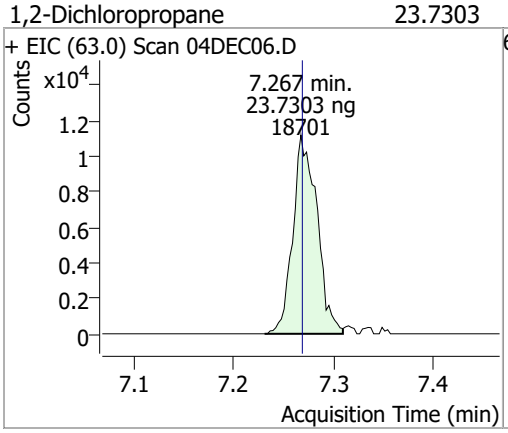
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	23.7787	7.03	0.00	22543	130.0	100.3	69.3	129.3
					97.0	60.9	33.2	93.2

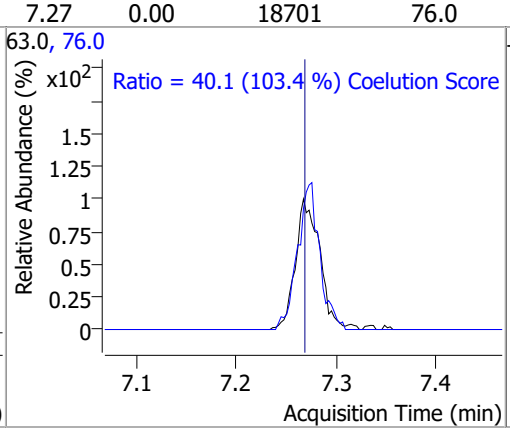


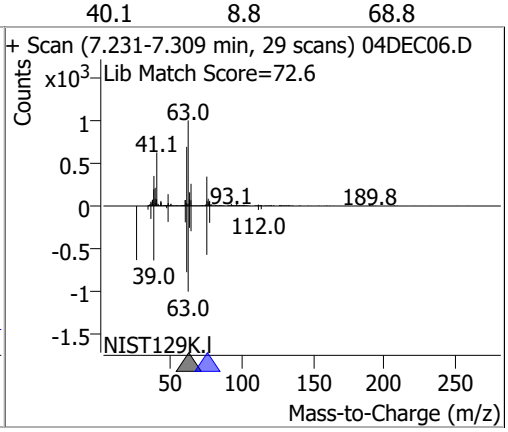




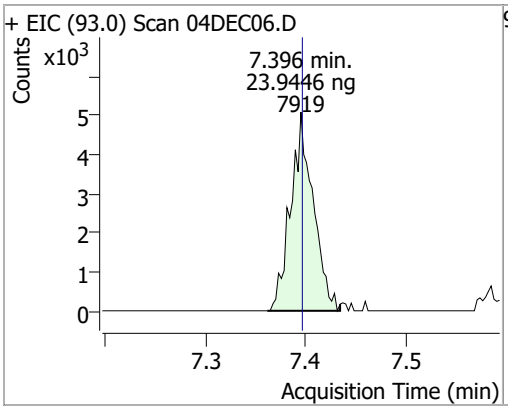
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	23.7303	7.27	0.00	18701	76.0	40.1	8.8	68.8

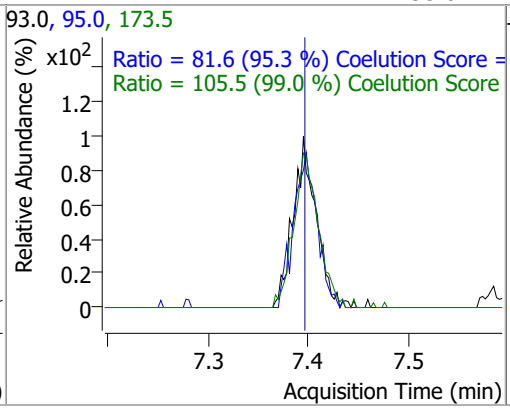


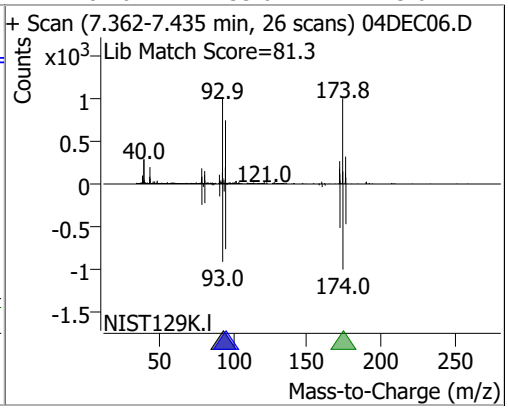




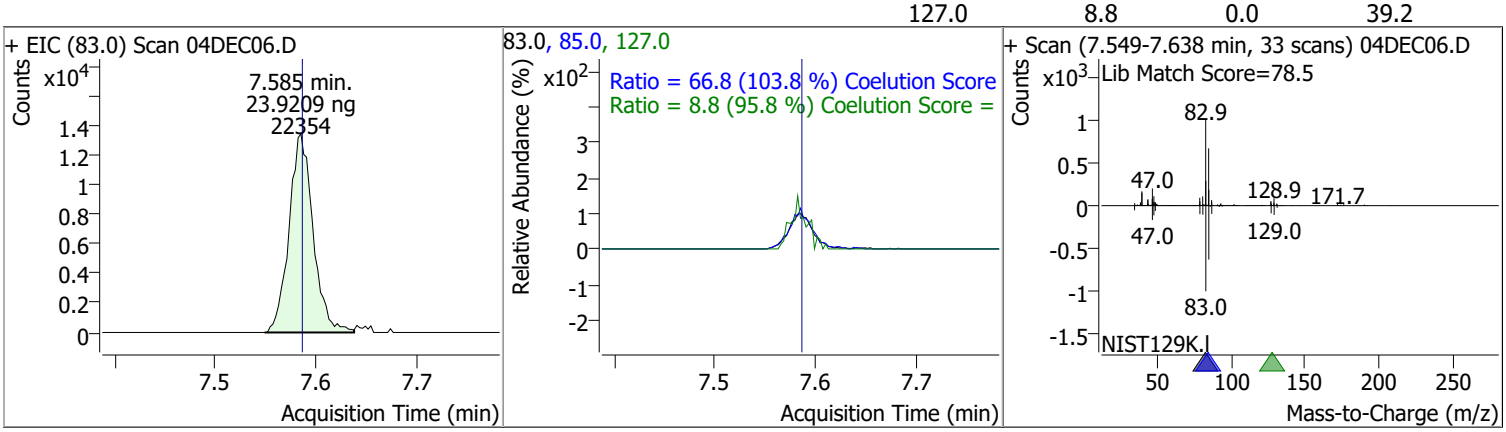
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	23.9446	7.40	0.00	7919	173.5	105.5	76.6	136.6
					95.0	81.6	55.6	115.6



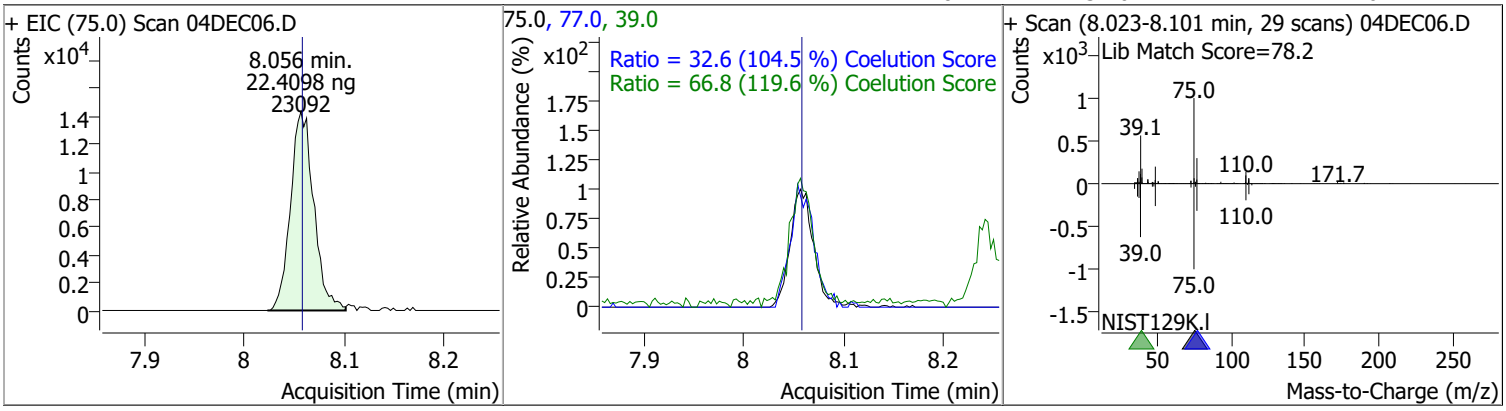




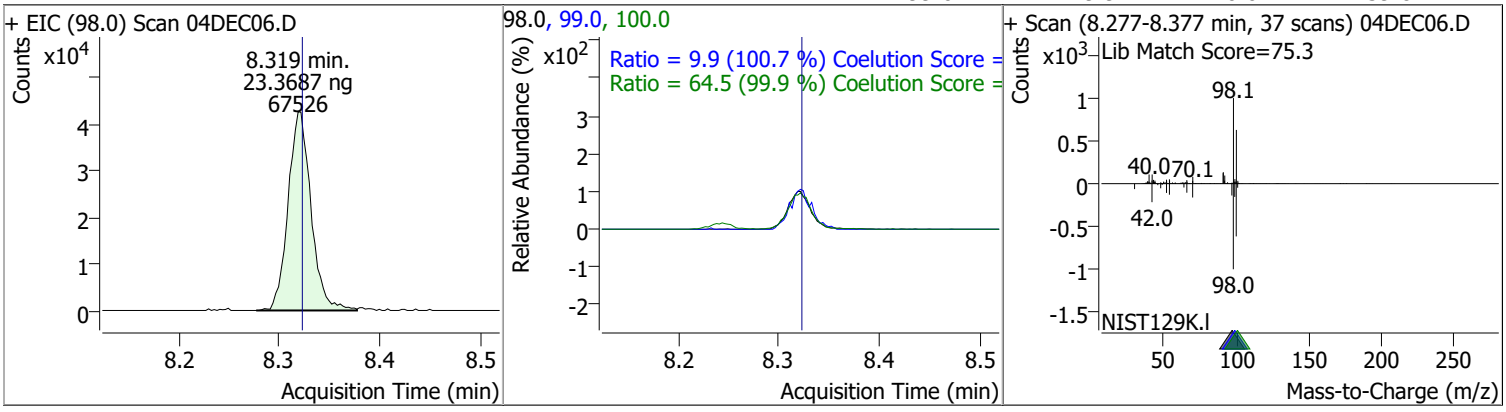
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	23.9209	7.59	0.00	22354	85.0	66.8	34.3	94.3
					127.0	8.8	0.0	39.2



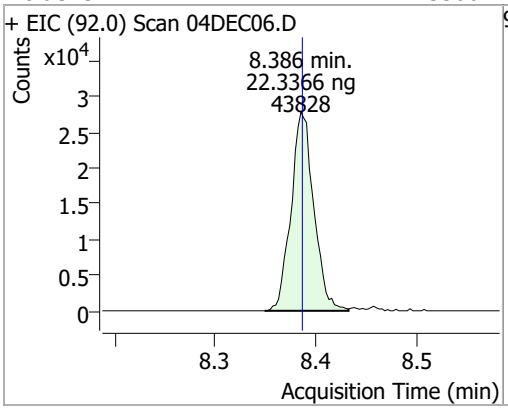
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	22.4098	8.06	0.00	23092	39.0	66.8	25.9	85.9
					77.0	32.6	1.2	61.2

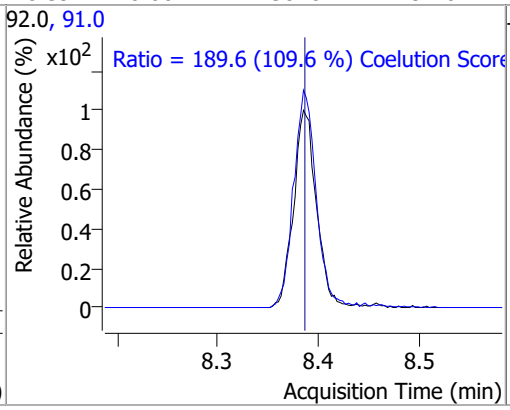


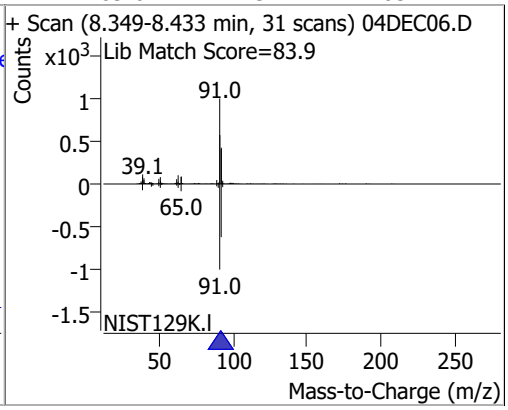
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	23.3687	8.32	0.00	67526	100.0	64.5	34.6	94.6
					99.0	9.9	0.0	39.8



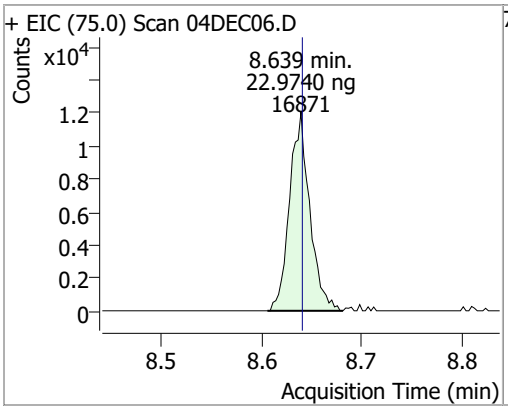
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	22.3366	8.39	0.00	43828	91.0	189.6	143.1	203.1

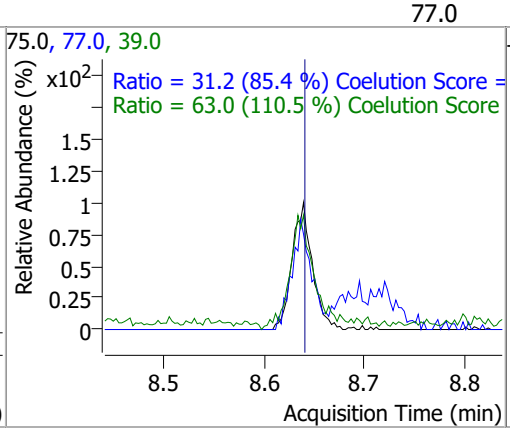


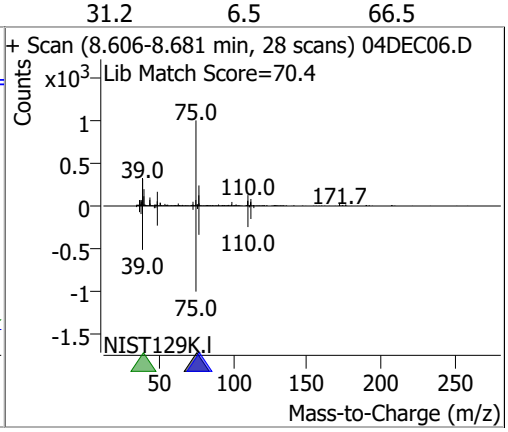




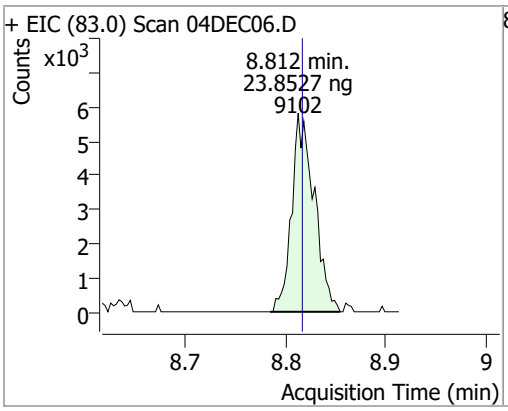
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	22.9740	8.64	0.00	16871	39.0	63.0	27.0	87.0
					77.0	31.2	6.5	66.5

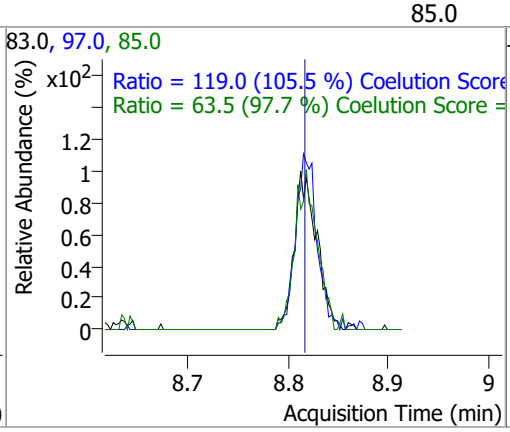


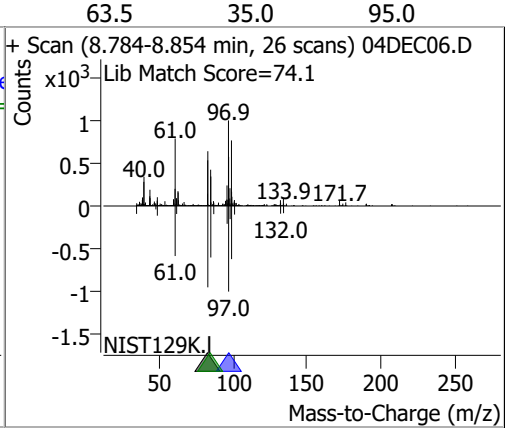




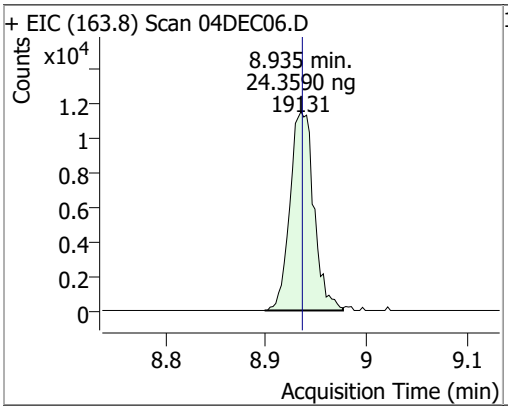
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	23.8527	8.81	0.00	9102	97.0	119.0	82.7	142.7
					85.0	63.5	35.0	95.0

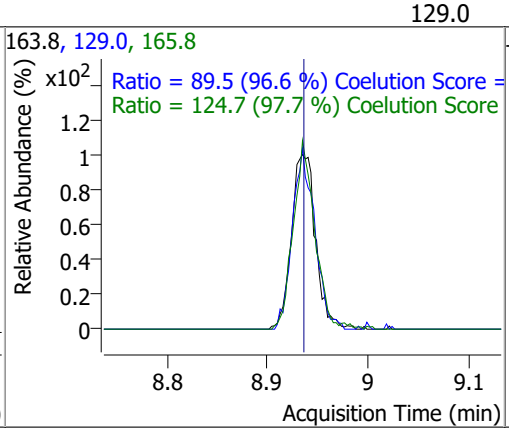


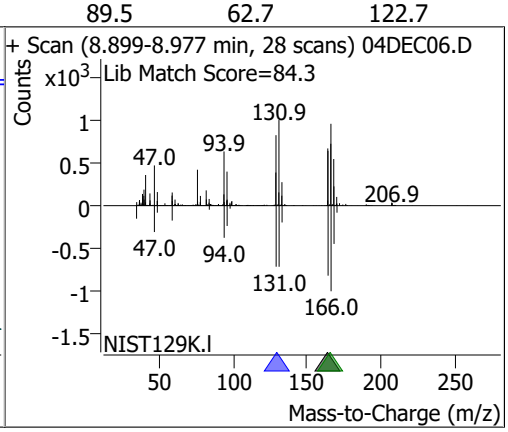




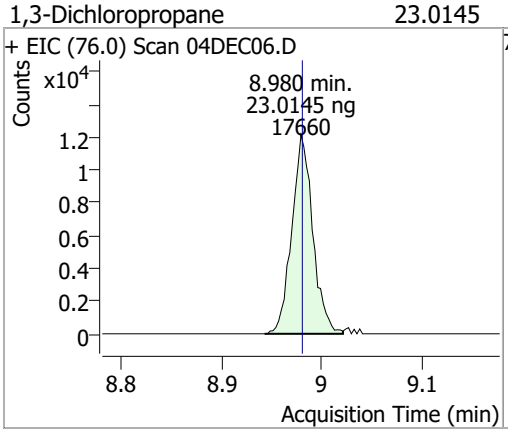
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	24.3590	8.93	0.00	19131	165.8	124.7	97.7	157.7
					129.0	89.5	62.7	122.7

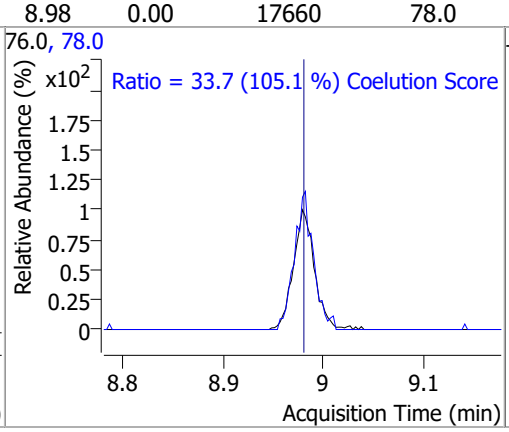


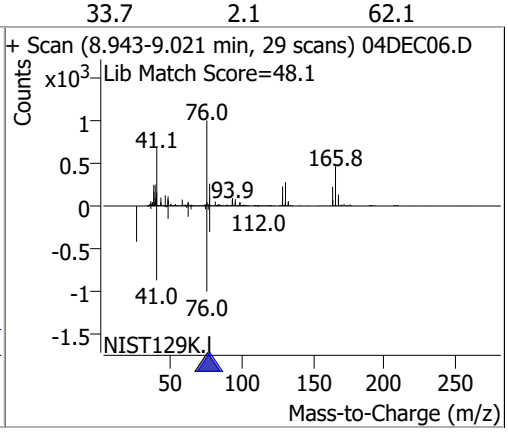




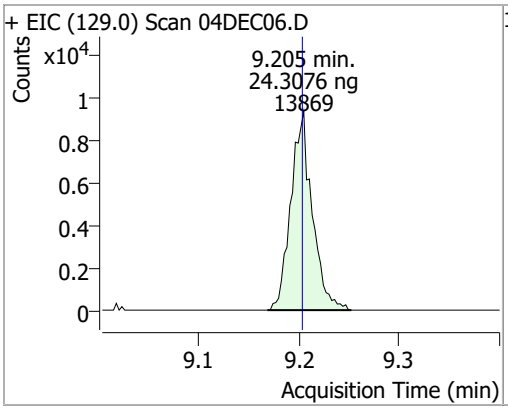
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	23.0145	8.98	0.00	17660	78.0	33.7	2.1	62.1

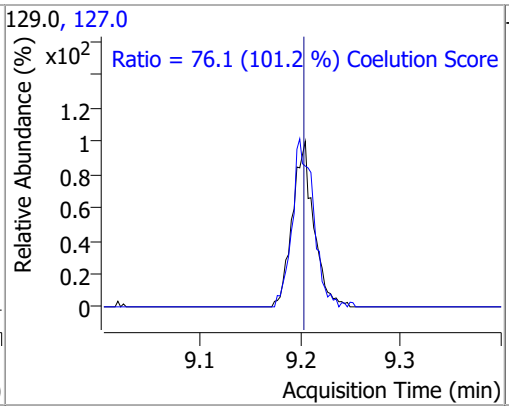


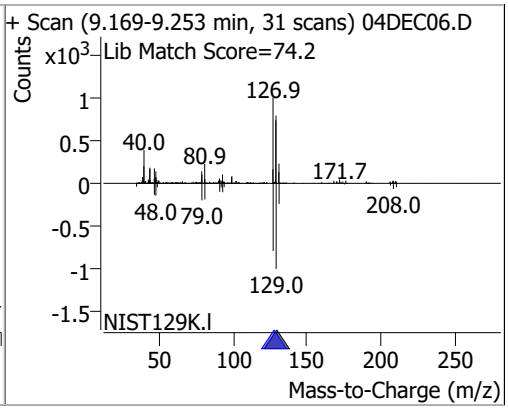




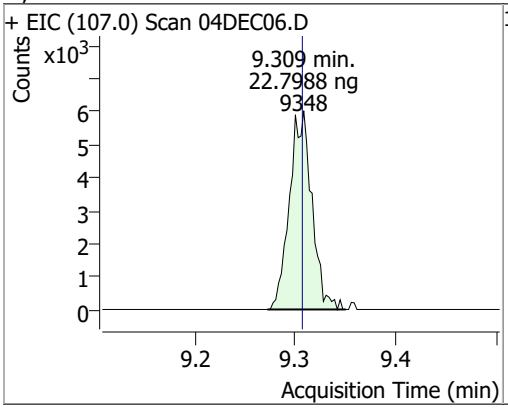
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	24.3076	9.21	0.00	13869	127.0	76.1	45.1	105.1

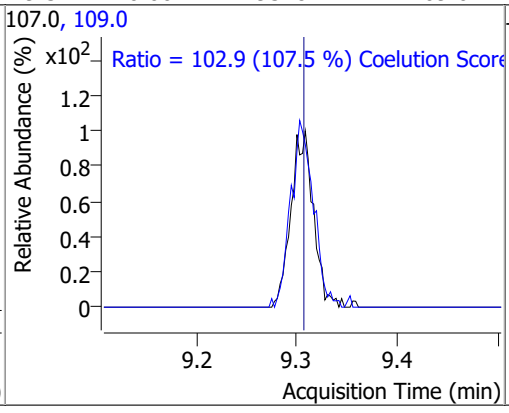


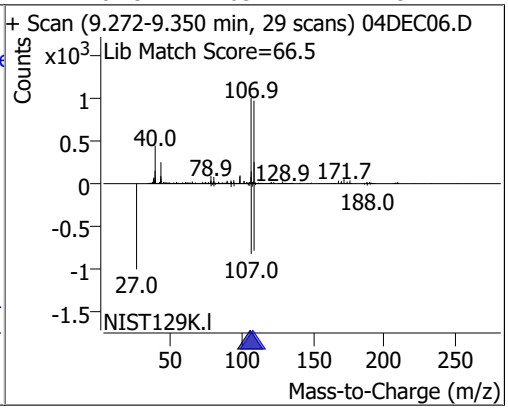




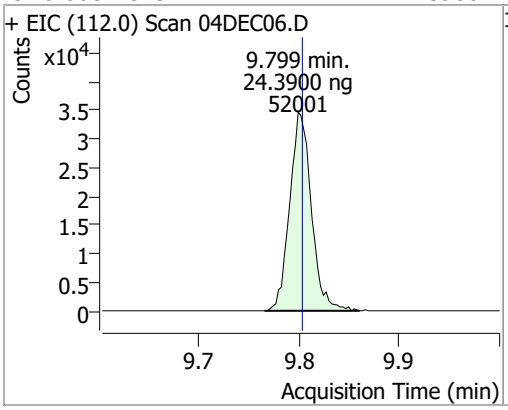
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	22.7988	9.31	0.00	9348	109.0	102.9	65.7	125.7

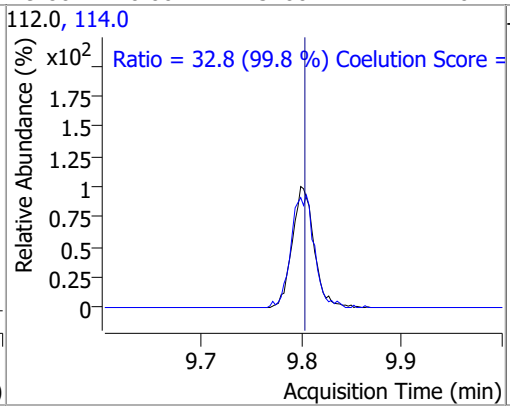


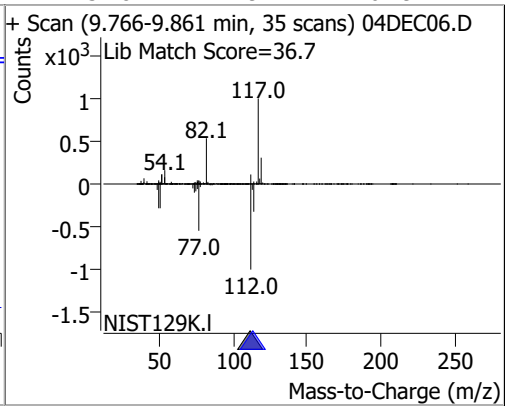




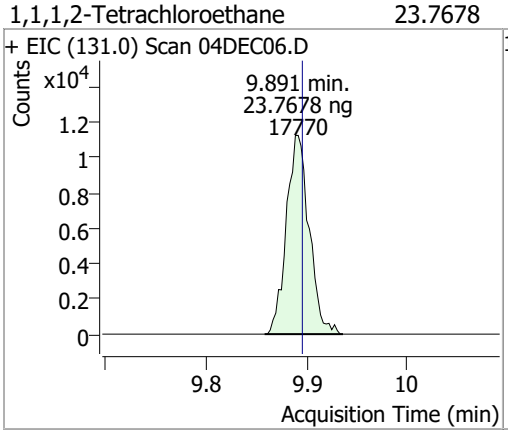
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	24.3900	9.80	0.00	52001	114.0	32.8	2.9	62.9

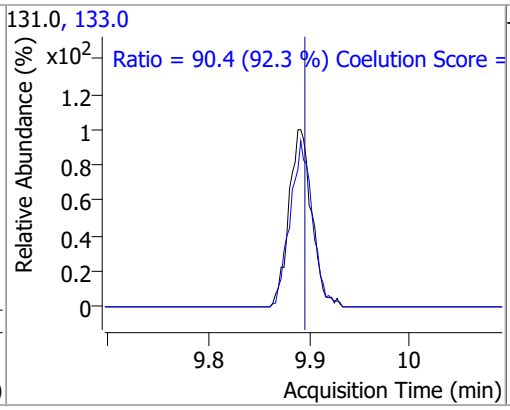


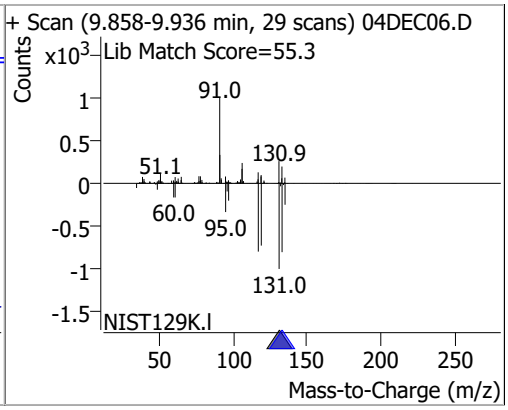




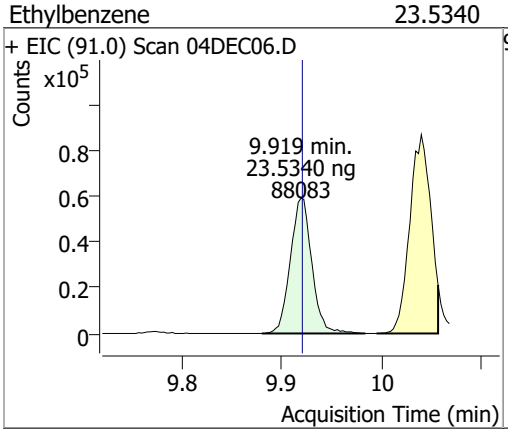
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	23.7678	9.89	0.00	17770	133.0	90.4	68.0	128.0

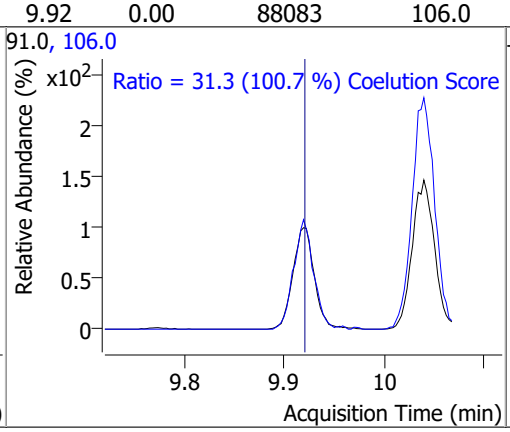


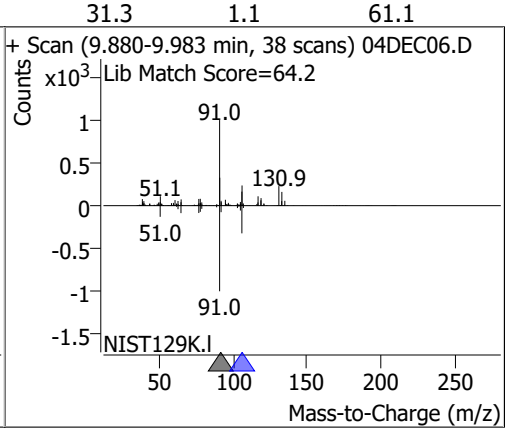




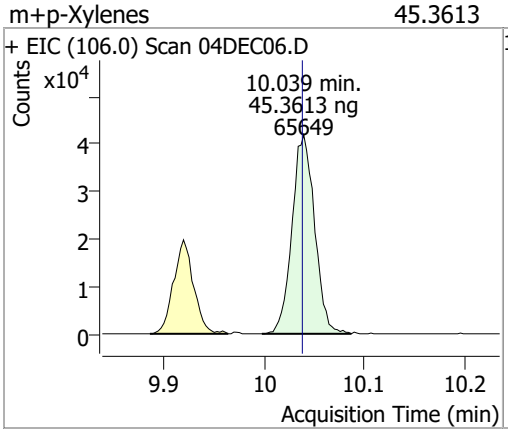
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	23.5340	9.92	0.00	88083	106.0	31.3	1.1	61.1

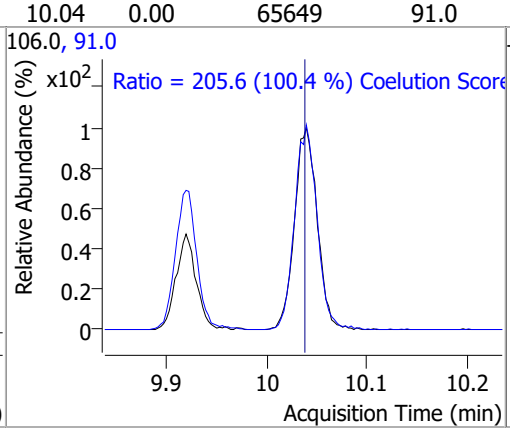


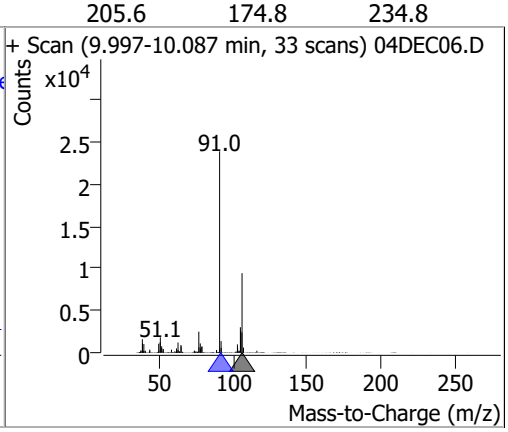




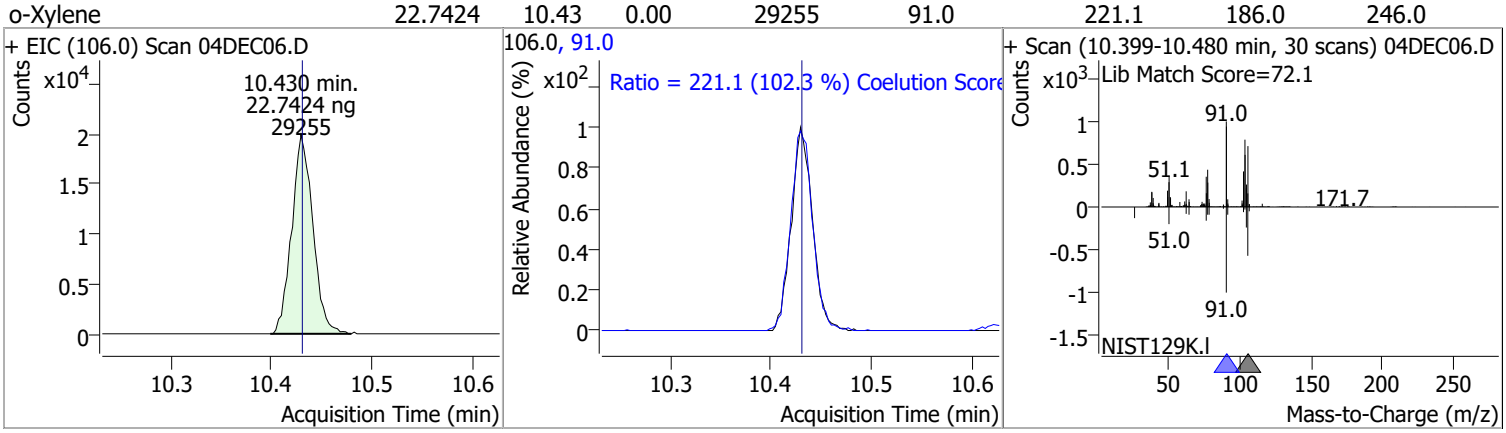
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	45.3613	10.04	0.00	65649	91.0	205.6	174.8	234.8



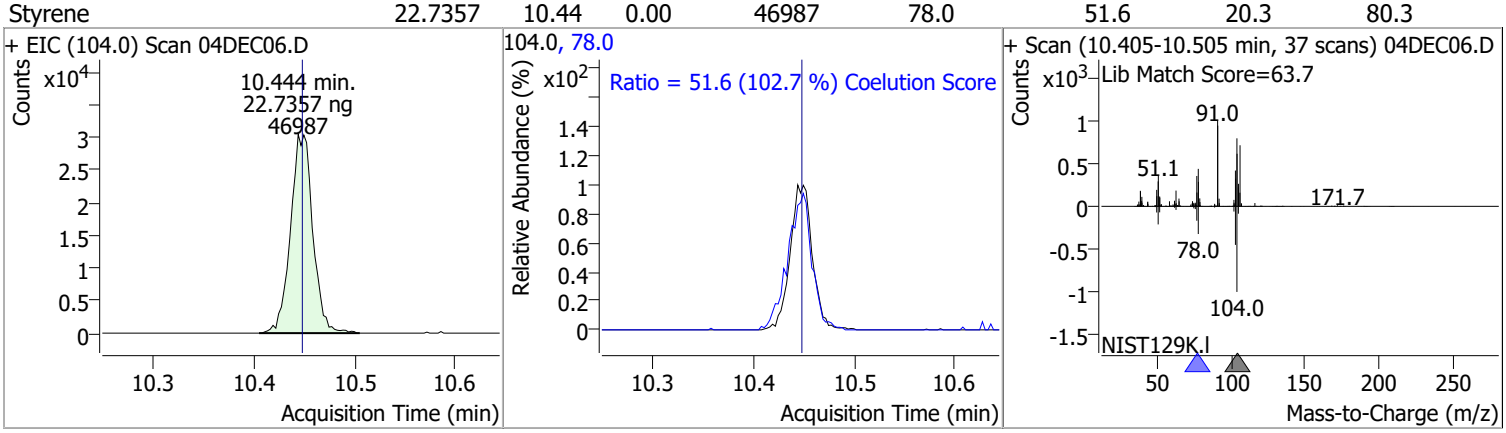




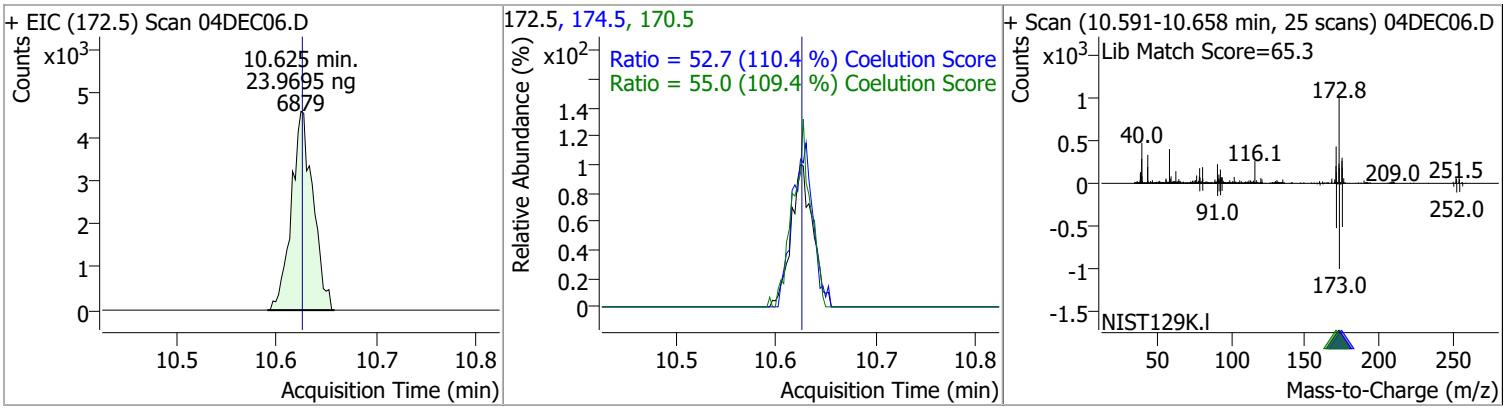
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	22.7424	10.43	0.00	29255	91.0	221.1	186.0	246.0



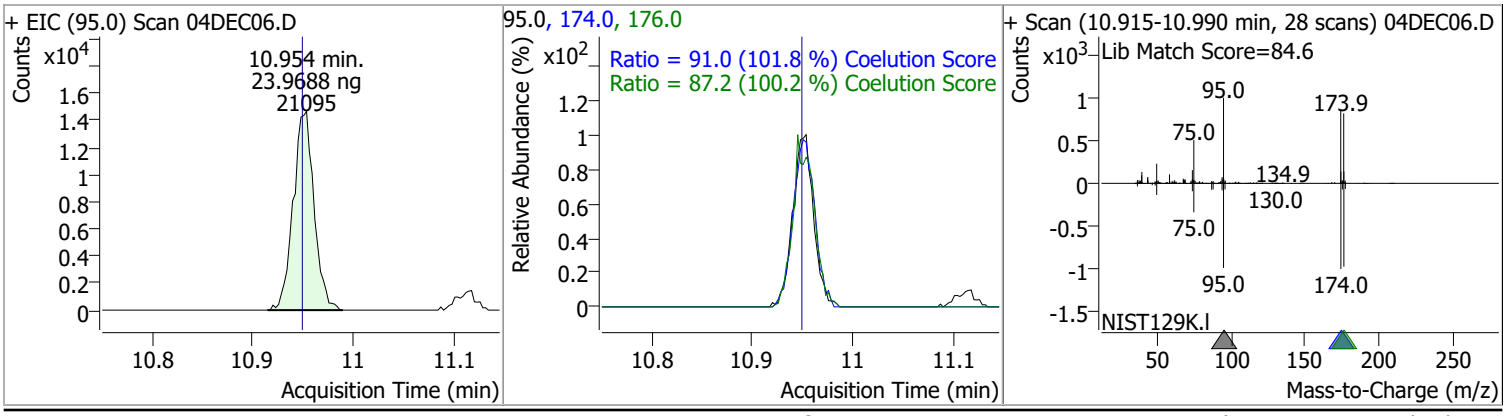
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	22.7357	10.44	0.00	46987	78.0	51.6	20.3	80.3



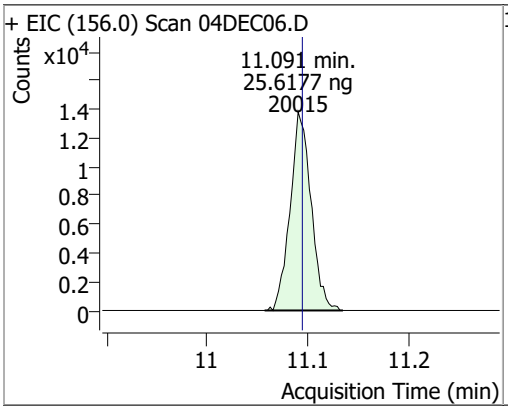
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	23.9695	10.62	0.00	6879	170.5	55.0	20.2	80.2
					174.5	52.7	17.7	77.7

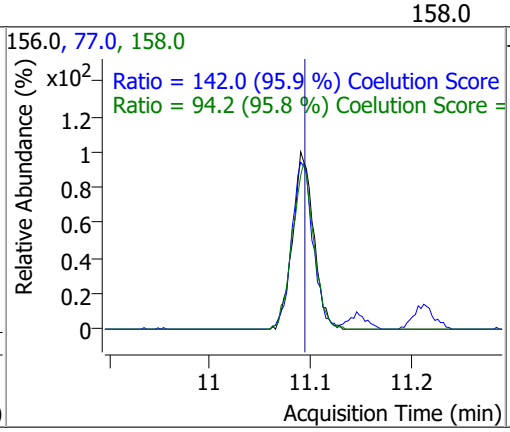


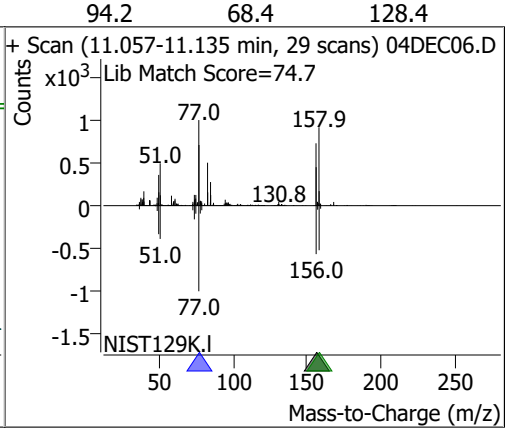
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	23.9688	10.95	0.01	21095	174.0	91.0	59.4	119.4
					176.0	87.2	57.1	117.1



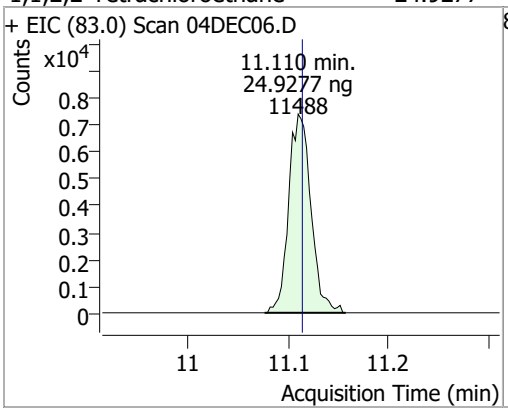
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	25.6177	11.09	0.00	20015	77.0	142.0	118.1	178.1
					158.0	94.2	68.4	128.4

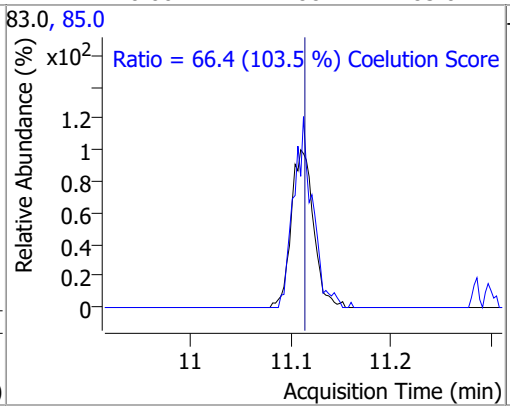


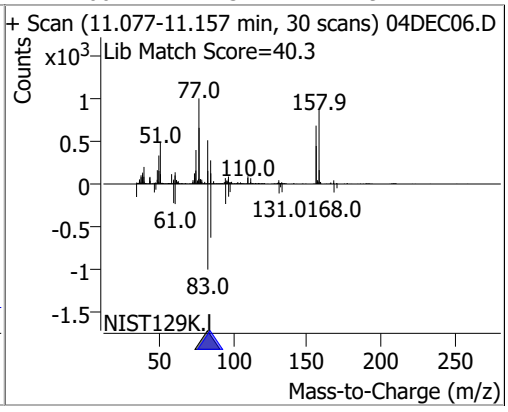




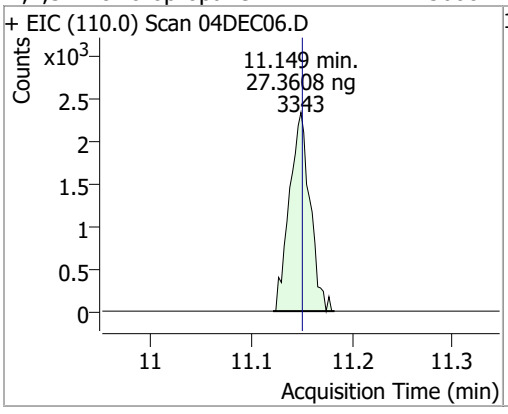
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	24.9277	11.11	0.00	11488	85.0	66.4	34.1	94.1

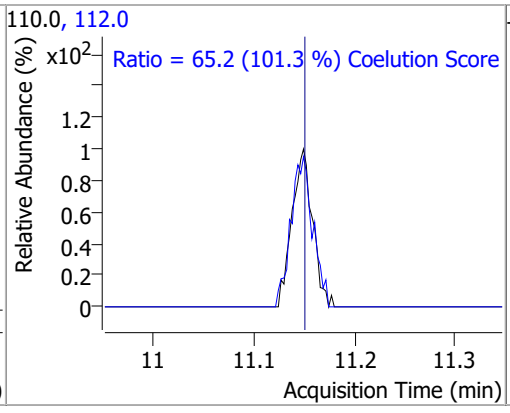


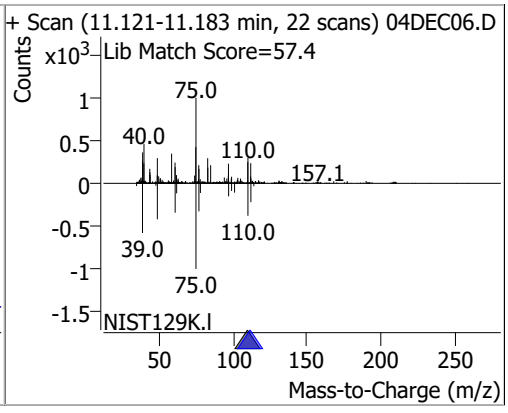




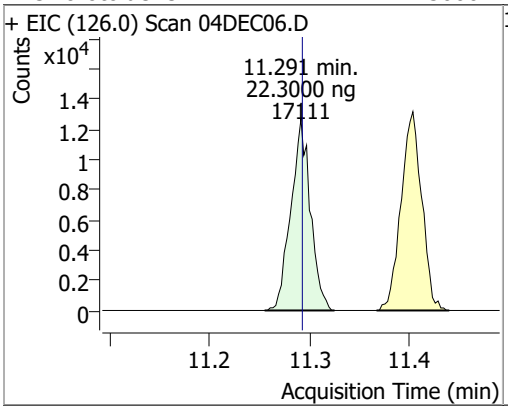
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	27.3608	11.15	0.00	3343	112.0	65.2	34.3	94.3

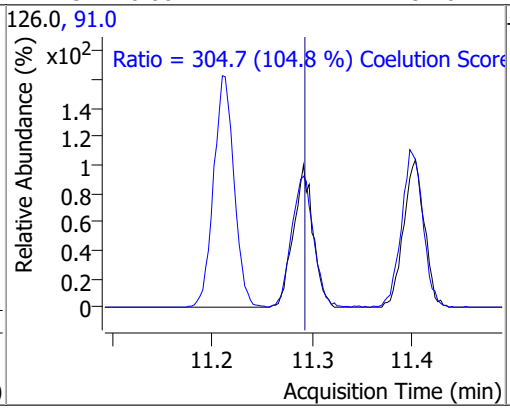


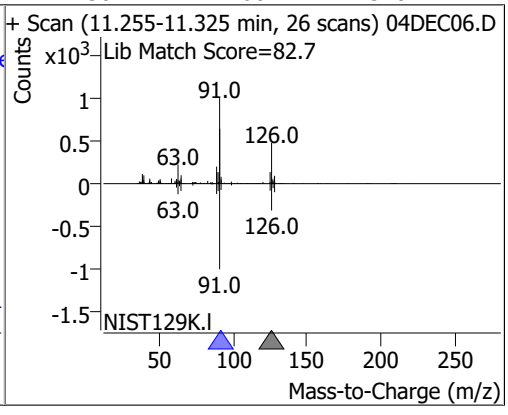




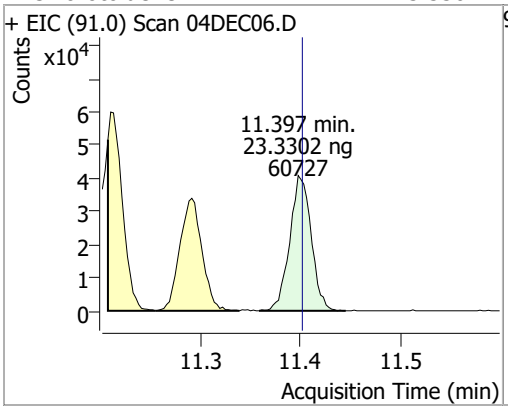
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	22.3000	11.29	0.00	17111	91.0	304.7	260.7	320.7

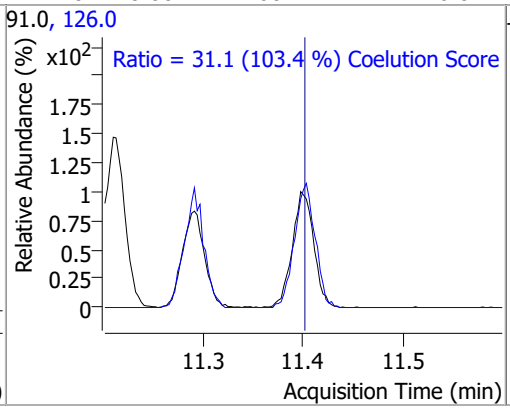


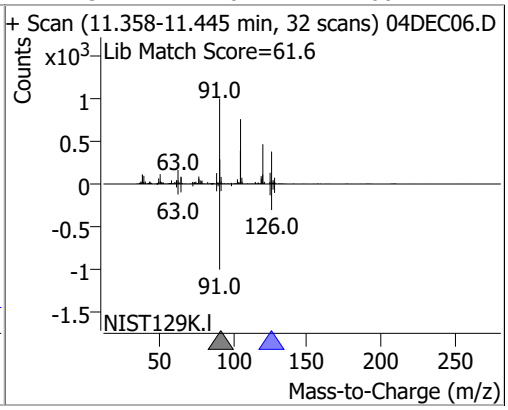




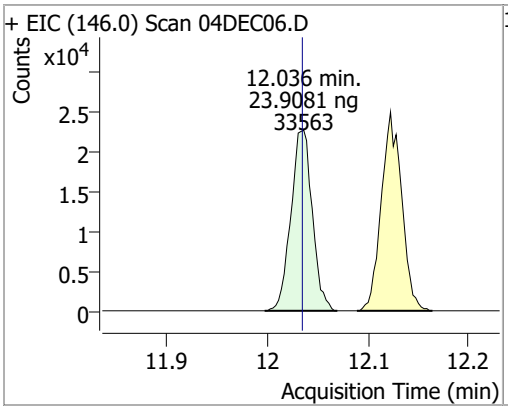
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	23.3302	11.40	0.00	60727	126.0	31.1	0.1	60.1

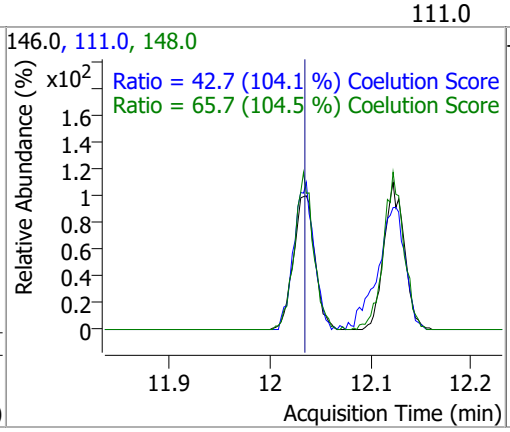


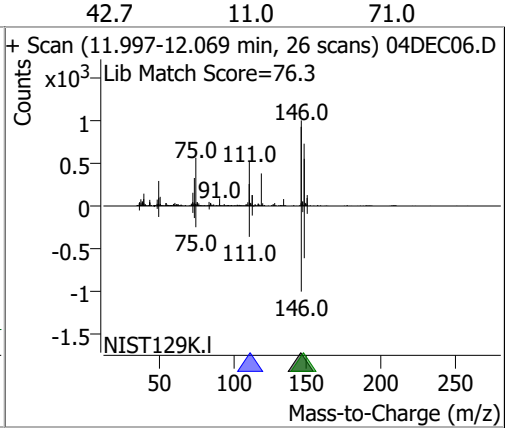




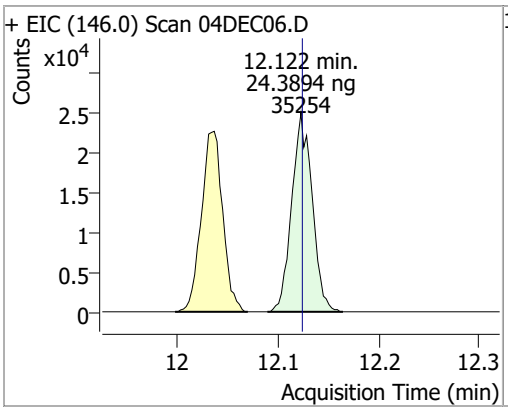
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	23.9081	12.04	0.00	33563	148.0	65.7	32.9	92.9
					111.0	42.7	11.0	71.0

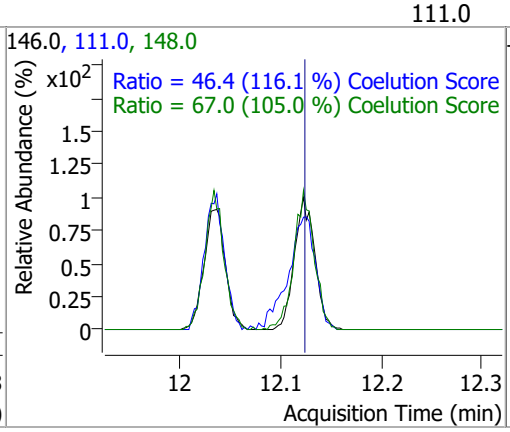


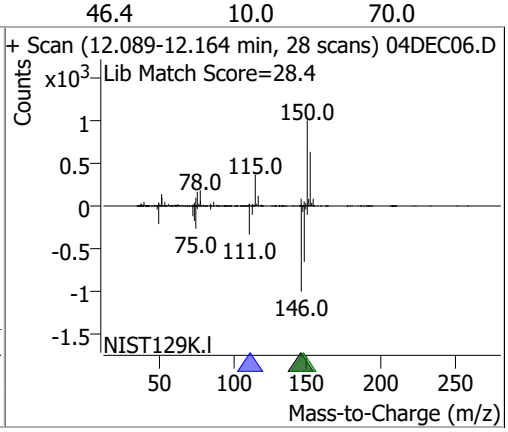




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	24.3894	12.12	0.00	35254	148.0	67.0	33.8	93.8
					111.0	46.4	10.0	70.0

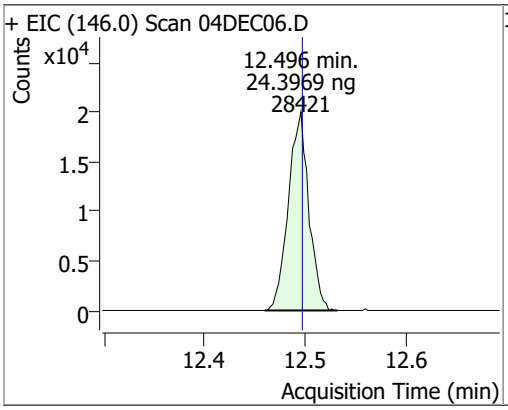


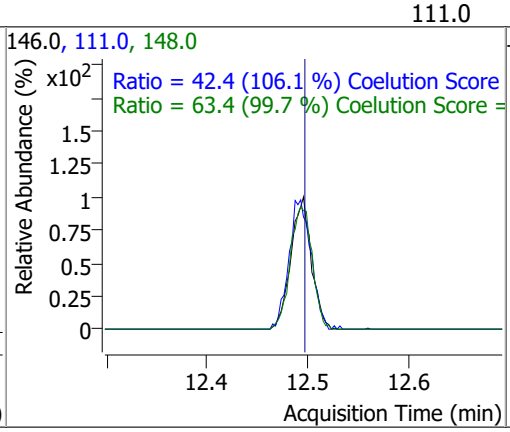


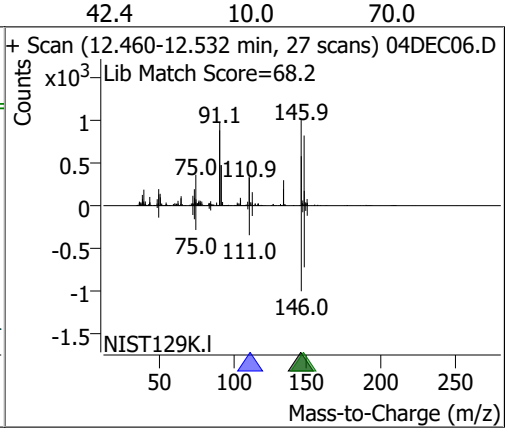


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	24.3969	12.50	0.00	28421	148.0	63.4	33.5	93.5
					111.0	42.4	10.0	70.0



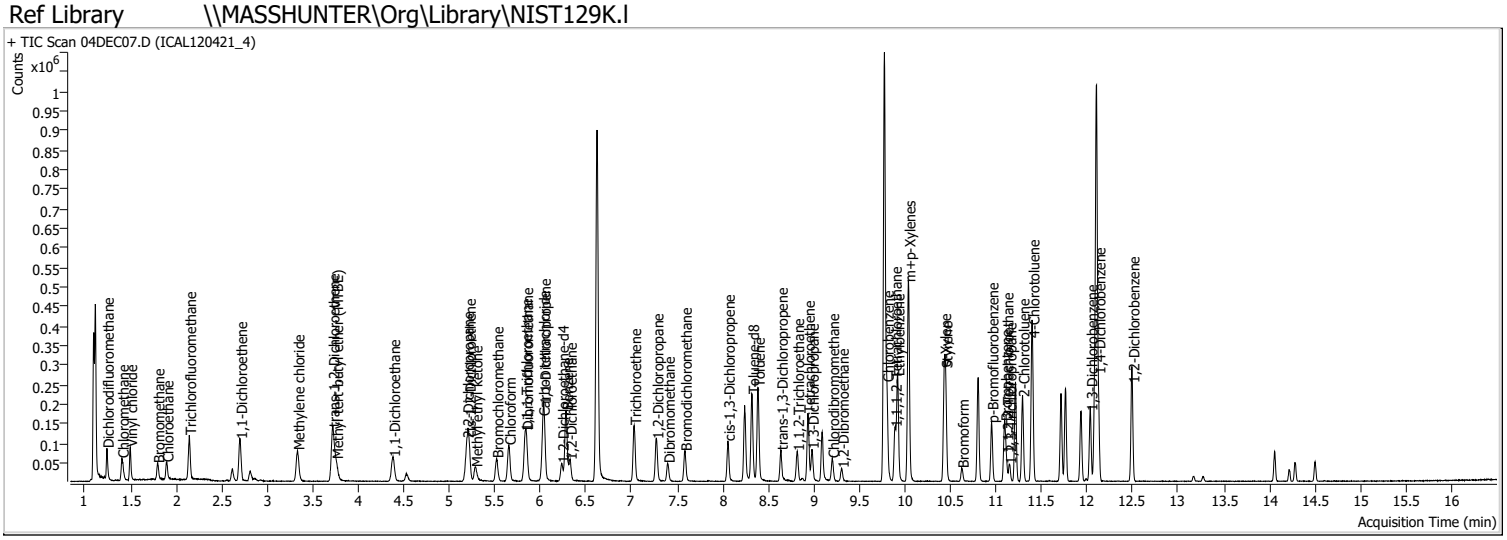




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04DEC07.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 2:25:15 PM
Sample Name	ICAL120421_4	Instrument	VOA5975C
Vial	7	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

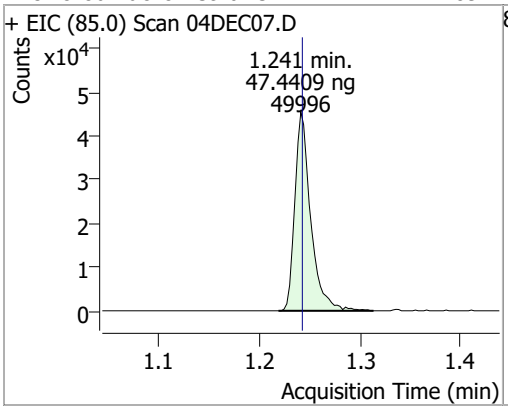


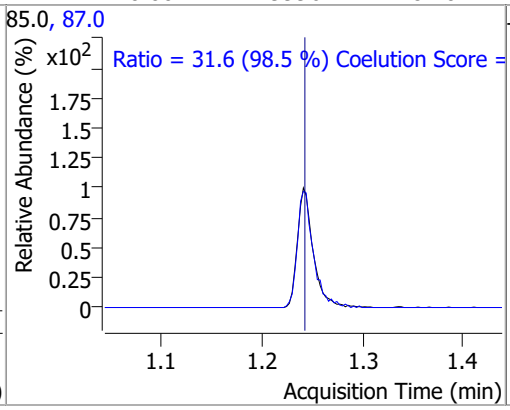
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	763667	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	294369	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	230654	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.842	113.0	35605	48.9551	ng		-0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 19.58%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	16666	49.8051	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 19.92%		*	
S Toluene-d8	8.321	98.0	136282	46.8676	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 18.75%		*	
S p-Bromofluorobenzene	10.951	95.0	42413	47.9074	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 19.16%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	49996	47.4409	ng		99
T Chloromethane	1.406	50.0	57792	47.6930	ng		99
T Vinyl chloride	1.498	62.0	54619	47.2410	ng		97
T Bromomethane	1.796	96.0	20478	48.0071	ng		99
T Chloroethane	1.896	64.0	30856	47.9581	ng		100
T Trichlorofluoromethane	2.145	101.0	71115	47.0547	ng		96
T 1,1-Dichloroethene	2.702	96.0	38963	48.2643	ng		96
T Methylene chloride	3.333	49.0	55751	49.8393	ng		97
T trans-1,2-Dichloroethene	3.717	96.0	38221	47.4119	ng		98
T Methyl tert-butyl ether (MTBE)	3.756	73.0	49125	48.2468	ng		98
T 1,1-Dichloroethane	4.381	63.0	74101	48.3712	ng		99
T 2,2-Dichloropropane	5.193	77.0	53682	47.2464	ng		95
T cis-1,2-Dichloroethene	5.215	96.0	39392	47.6621	ng		99
T Methyl ethyl ketone	5.285	43.0	54510	513.2815	ng		97
T Bromochloromethane	5.519	128.0	15824	50.1204	ng		95
T Chloroform	5.653	83.0	71351	48.5414	ng		99

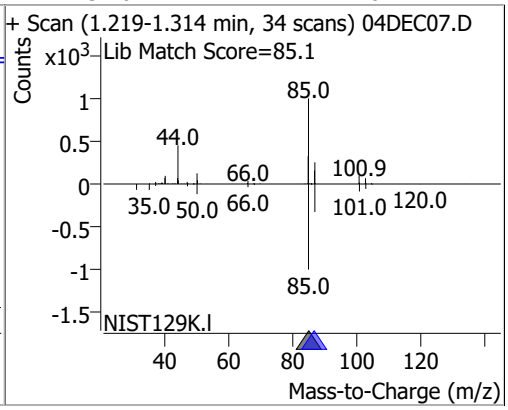
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	67234	47.4350	ng	99
T Carbon tetrachloride	6.026	117.0	64037	46.3290	ng	98
T 1,1-Dichloropropene	6.038	75.0	56622	45.8773	ng	99
T Benzene	6.280	78.0	145362	46.2782	ng	97
T 1,2-Dichloroethane	6.322	62.0	40208	48.6299	ng	97
T Trichloroethene	7.027	95.0	43679	45.7846	ng	98
T 1,2-Dichloropropane	7.273	63.0	38060	47.9931	ng	99
T Dibromomethane	7.396	93.0	15868	47.6793	ng	95
T Bromodichloromethane	7.585	83.0	44747	47.5835	ng	98
T cis-1,3-Dichloropropene	8.056	75.0	48582	46.8513	ng	96
T Toluene	8.386	92.0	92277	46.7337	ng	100
T trans-1,3-Dichloropropene	8.639	75.0	34534	46.7319	ng	97
T 1,1,2-Trichloroethane	8.818	83.0	18795	48.9457	ng	98
T Tetrachloroethene	8.935	163.8	36513	46.1997	ng	98
T 1,3-Dichloropropane	8.980	76.0	37433	48.4771	ng	99
T Chlorodibromomethane	9.203	129.0	27290	47.5303	ng	96
T 1,2-Dibromoethane	9.306	107.0	20209	48.9788	ng	99
T Chlorobenzene	9.802	112.0	101210	47.1731	ng	98
T 1,1,1,2-Tetrachloroethane	9.889	131.0	34336	45.6375	ng	99
T Ethylbenzene	9.917	91.0	171436	45.5173	ng	99
T m+p-Xylenes	10.039	106.0	137005	94.0729	ng	98
T o-Xylene	10.430	106.0	61676	47.6456	ng	97
T Styrene	10.446	104.0	97666	46.9618	ng	99
T Bromoform	10.625	172.5	14046	48.6546	ng	96
T Bromobenzene	11.096	156.0	37601	47.8433	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	22567	48.6799	ng	100
T 1,2,3-Trichloropropane	11.146	110.0	6317	51.3973	ng	96
T 2-Chlorotoluene	11.289	126.0	36984	47.9161	ng	99
T 4-Chlorotoluene	11.400	91.0	124548	47.5676	ng	98
T 1,3-Dichlorobenzene	12.036	146.0	67416	47.7402	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	68477	47.0951	ng	97
T 1,2-Dichlorobenzene	12.496	146.0	55684	47.5186	ng	98

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

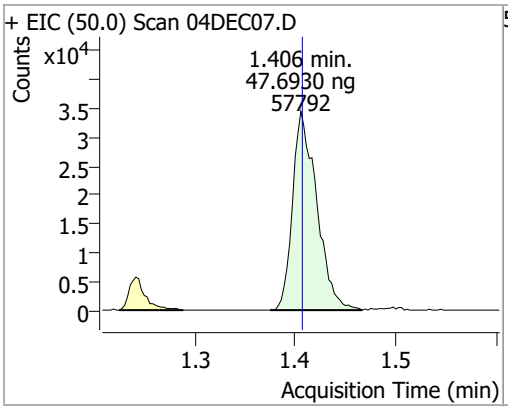
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	47.4409	1.24	0.00	49996	87.0	31.6	2.1	62.1

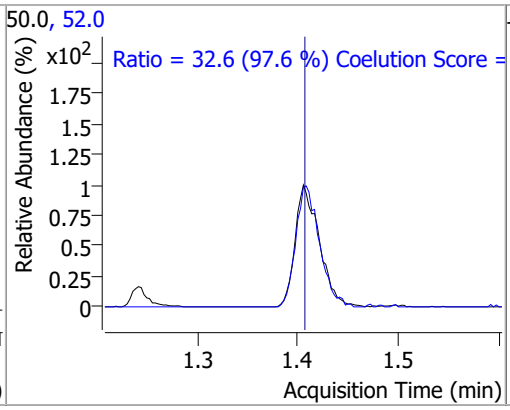


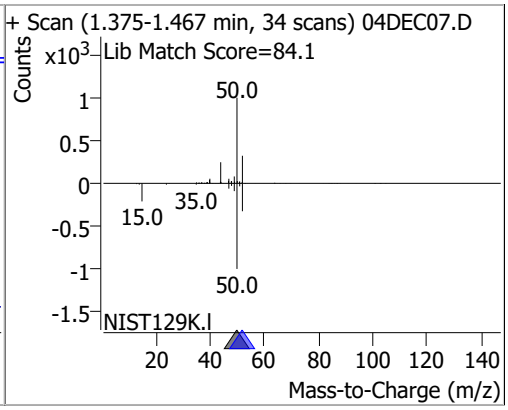




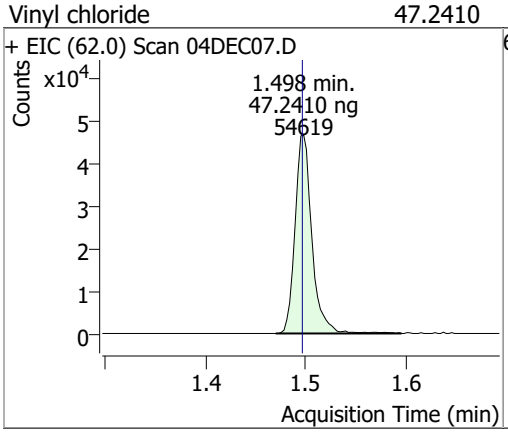
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	47.6930	1.41	0.00	57792	52.0	32.6	3.4	63.4

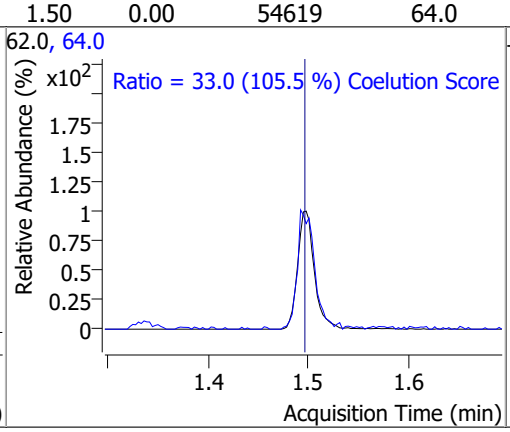


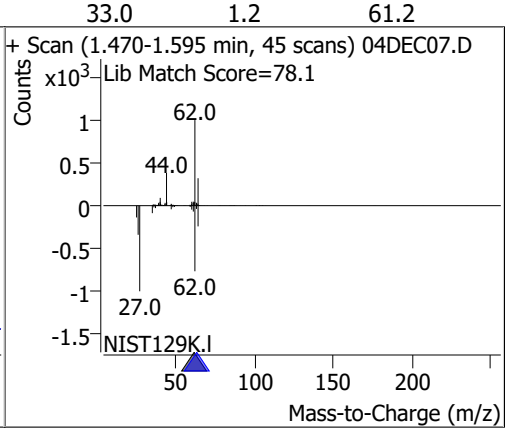




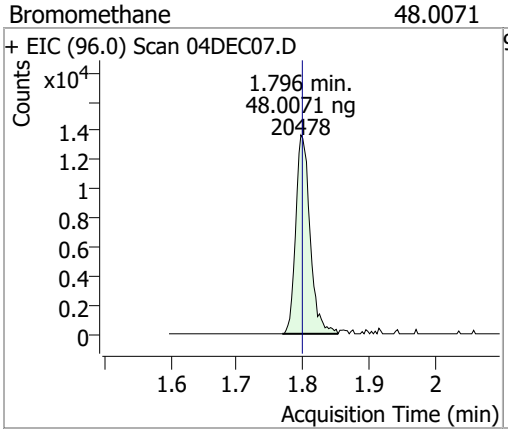
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	47.2410	1.50	0.00	54619	64.0	33.0	1.2	61.2

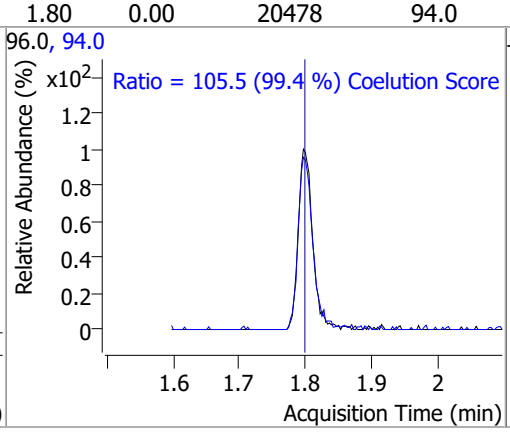


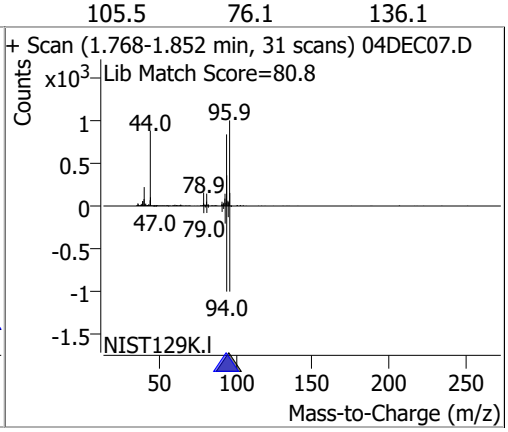




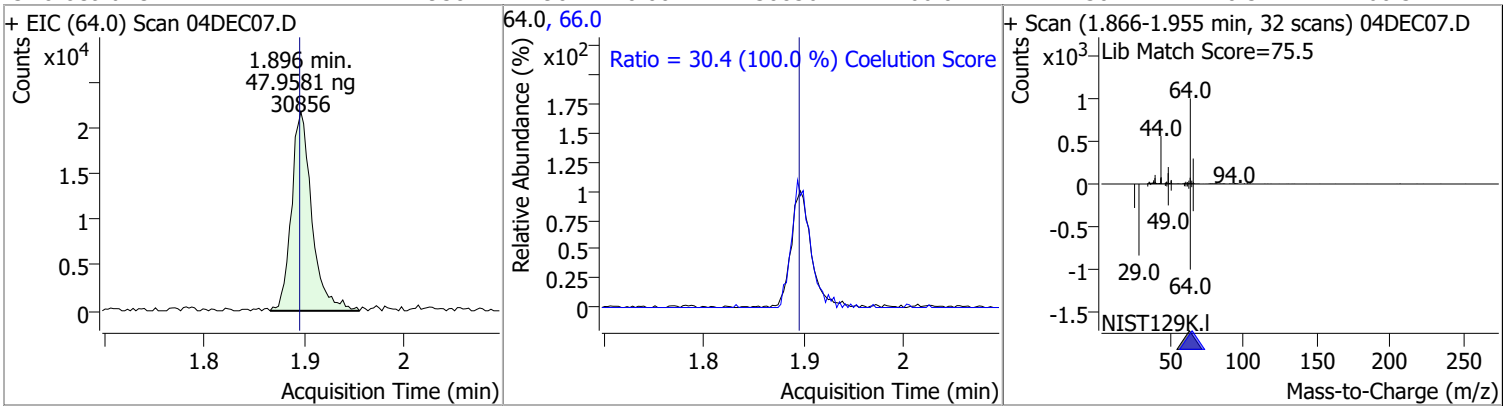
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	48.0071	1.80	0.00	20478	94.0	105.5	76.1	136.1



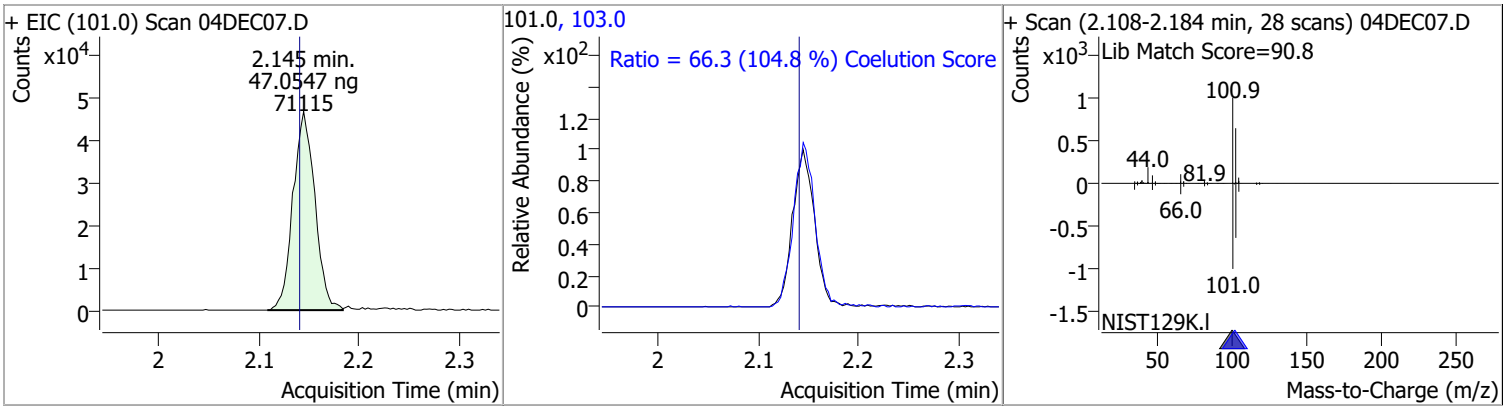




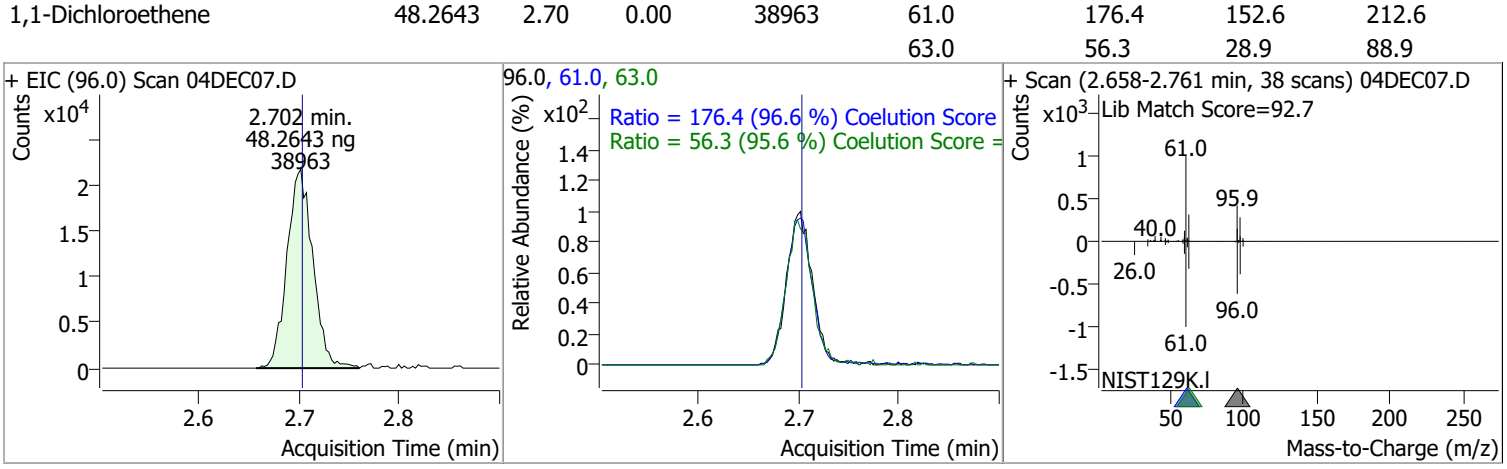
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	47.9581	1.90	0.00	30856	66.0	30.4	0.5	60.5



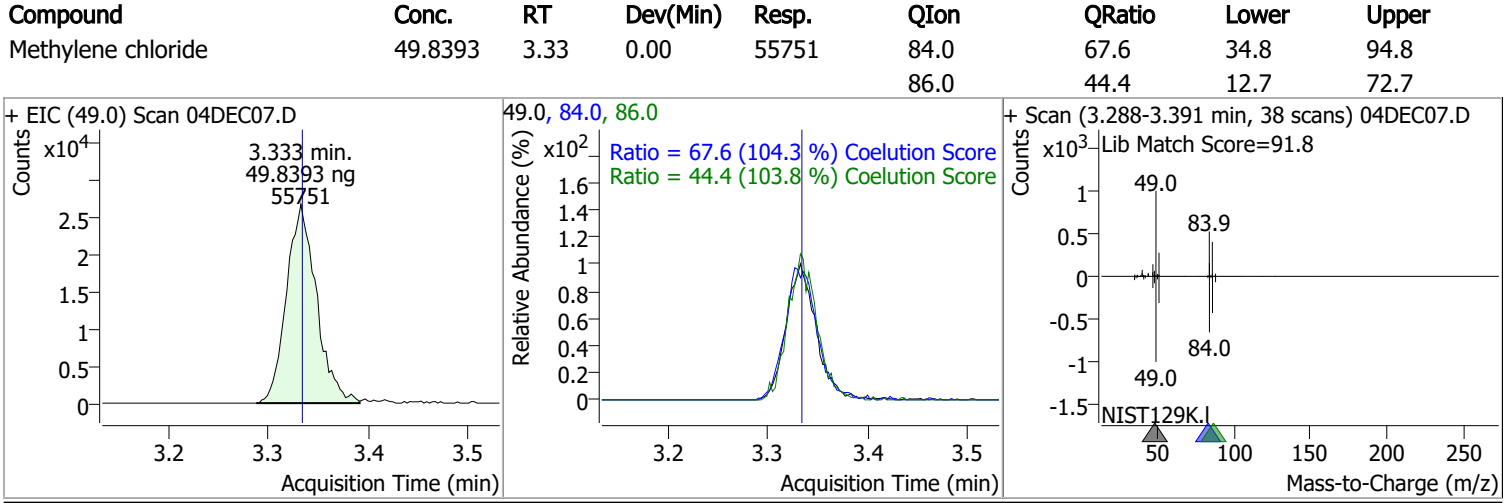
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	47.0547	2.14	0.00	71115	103.0	66.3	33.3	93.3



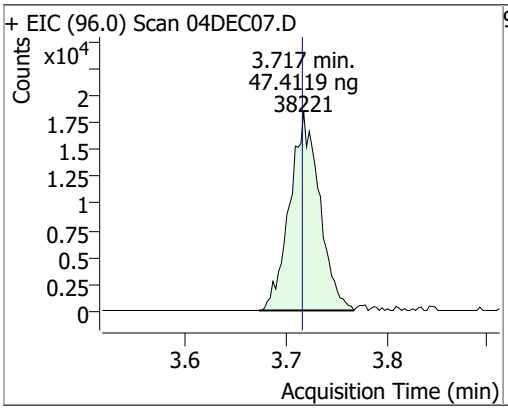
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	48.2643	2.70	0.00	38963	61.0	176.4	152.6	212.6
					63.0	56.3	28.9	88.9

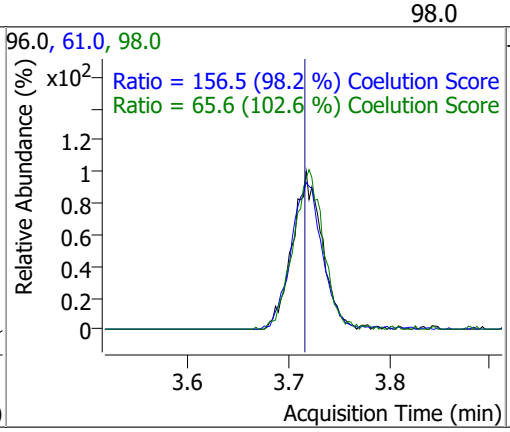


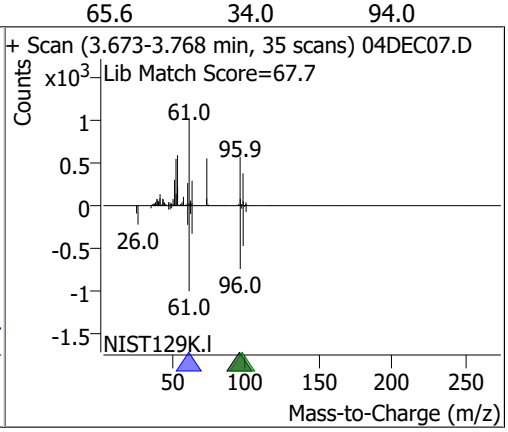
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	49.8393	3.33	0.00	55751	84.0	67.6	34.8	94.8
					86.0	44.4	12.7	72.7



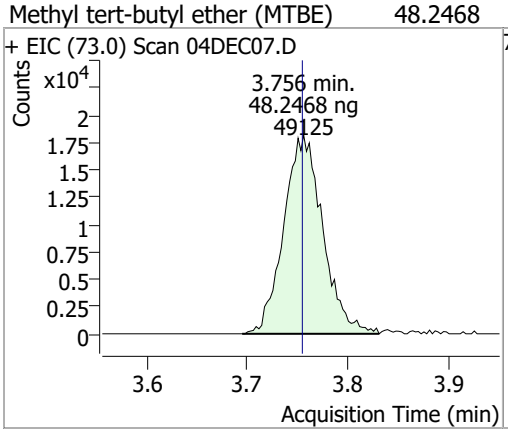
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	47.4119	3.72	0.00	38221	61.0	156.5	129.4	189.4
					98.0	65.6	34.0	94.0

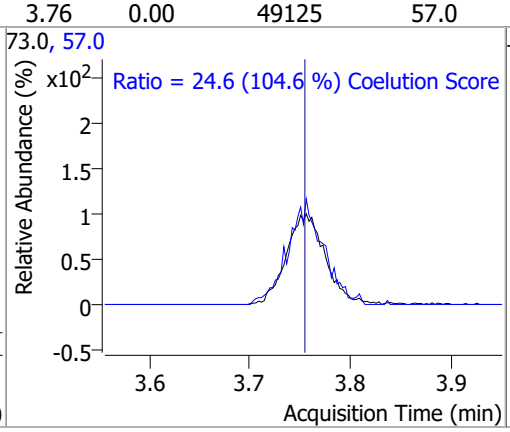


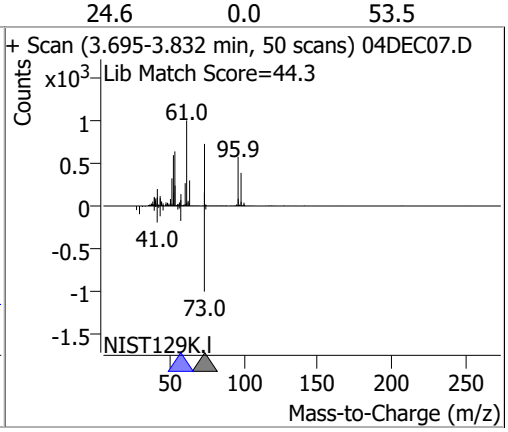




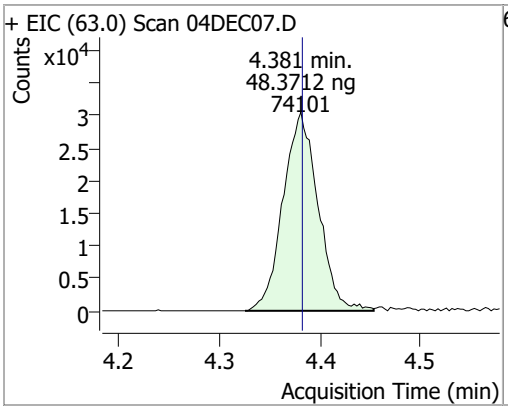
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	48.2468	3.76	0.00	49125	57.0	24.6	0.0	53.5

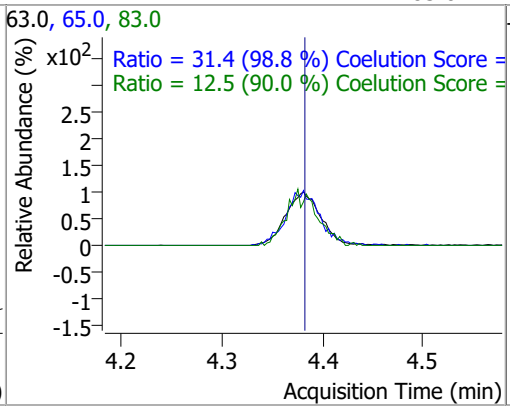


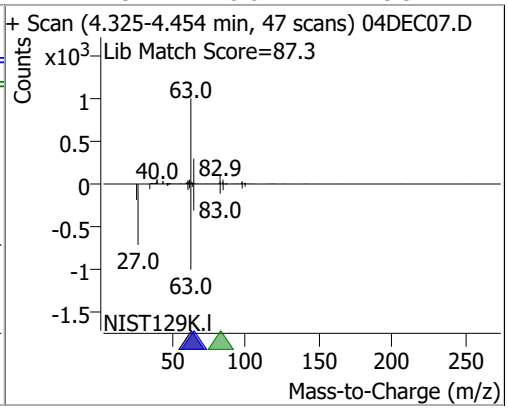




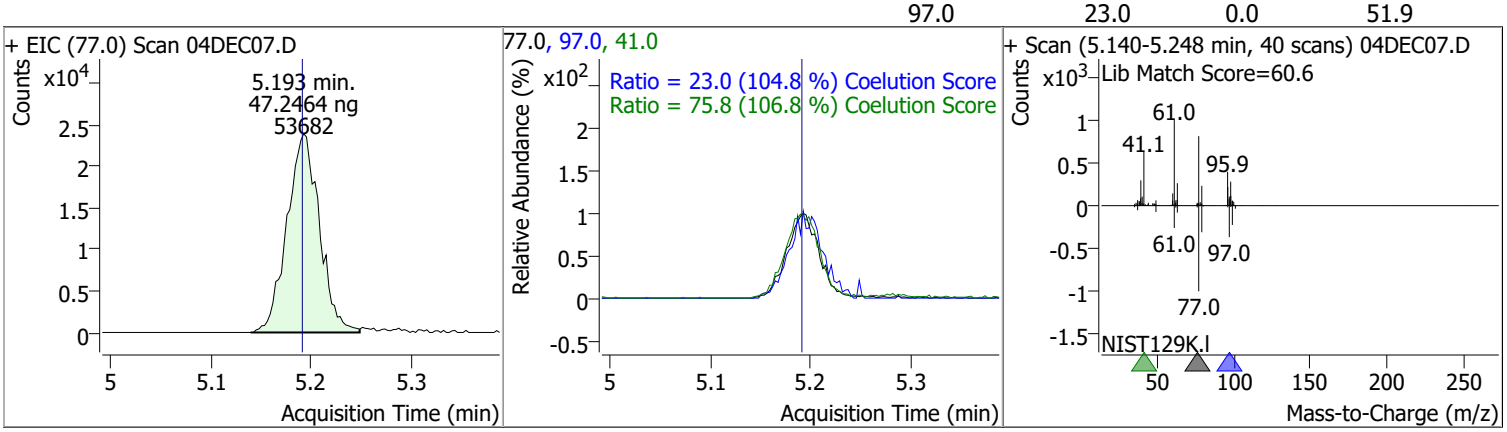
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	48.3712	4.38	0.00	74101	65.0	31.4	1.7	61.7
					83.0	12.5	0.0	43.9



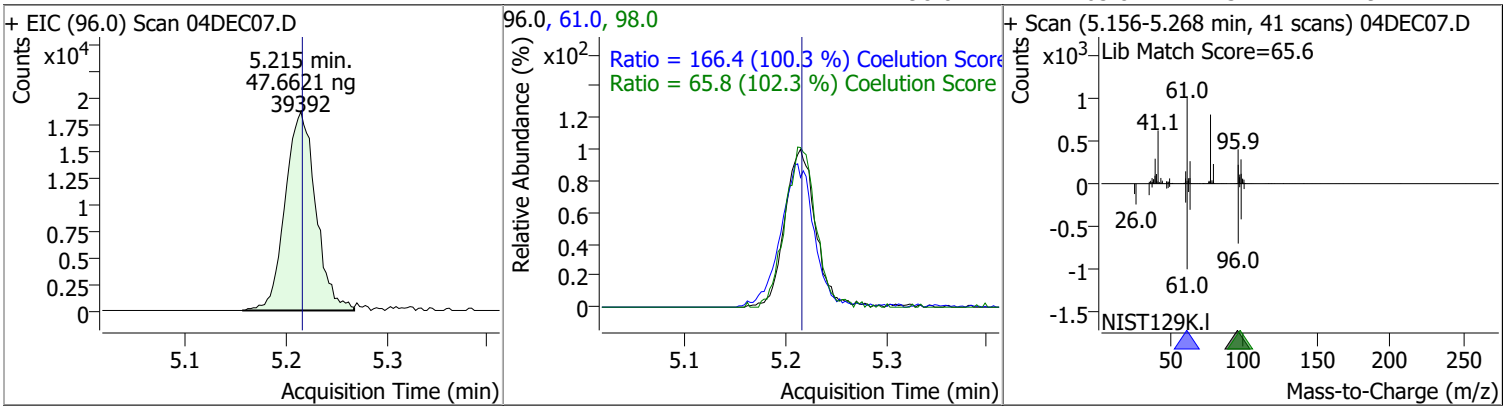




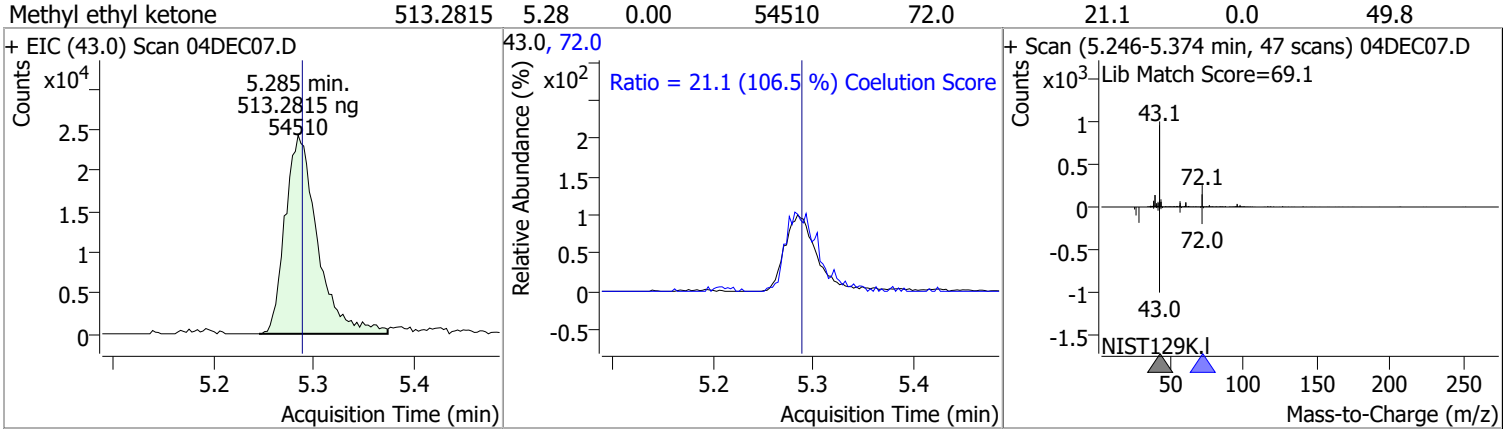
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	47.2464	5.19	0.00	53682	41.0	75.8	41.0	101.0
					97.0	23.0	0.0	51.9



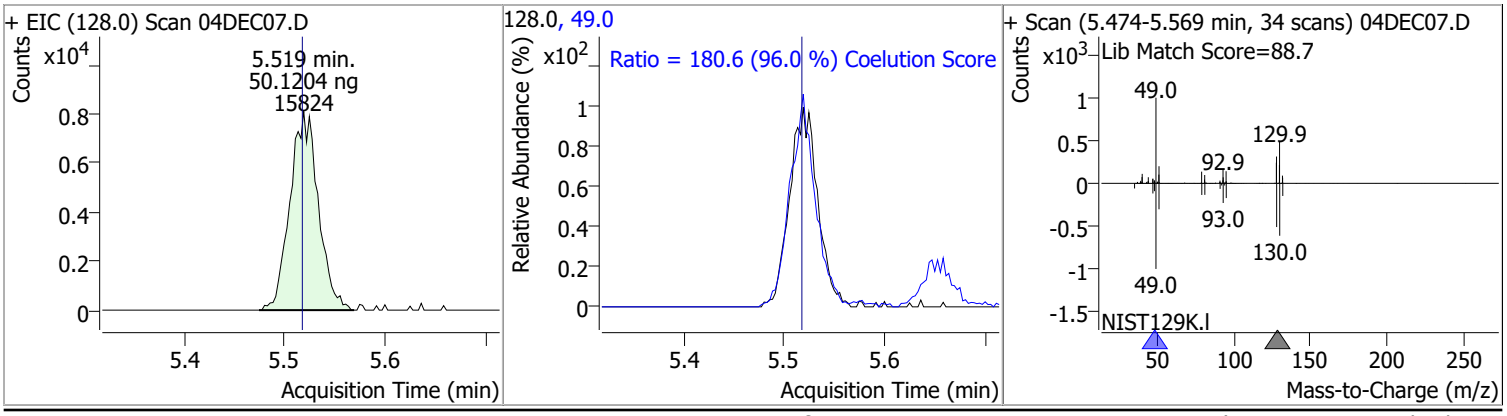
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	47.6621	5.21	0.00	39392	61.0	166.4	135.9	195.9
					98.0	65.8	34.4	94.4



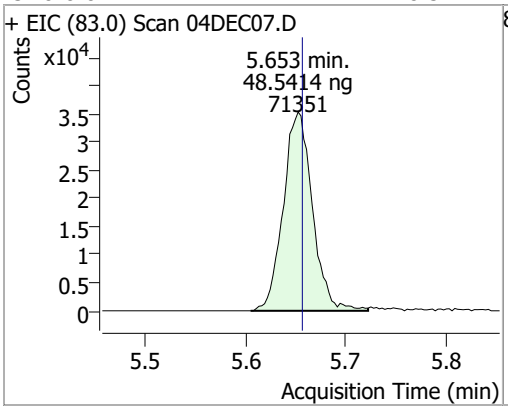
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	513.2815	5.28	0.00	54510	72.0	21.1	0.0	49.8

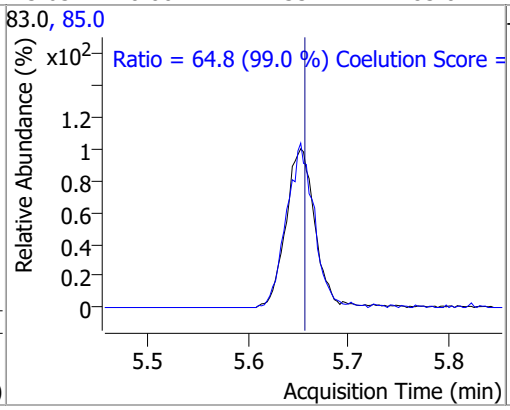


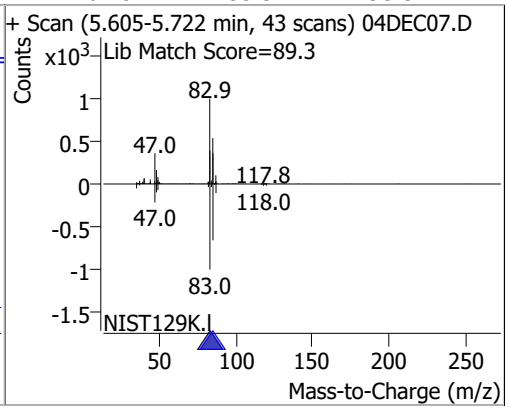
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	50.1204	5.52	0.00	15824	49.0	180.6	158.1	218.1



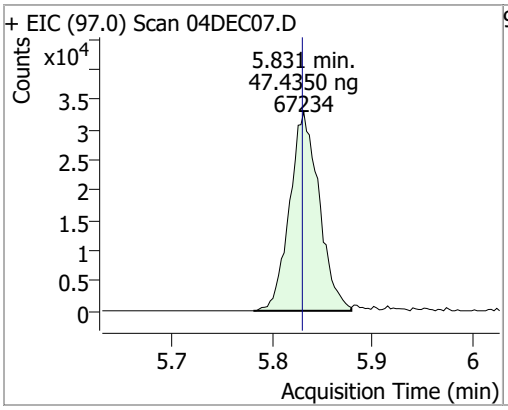
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	48.5414	5.65	0.00	71351	85.0	64.8	35.5	95.5

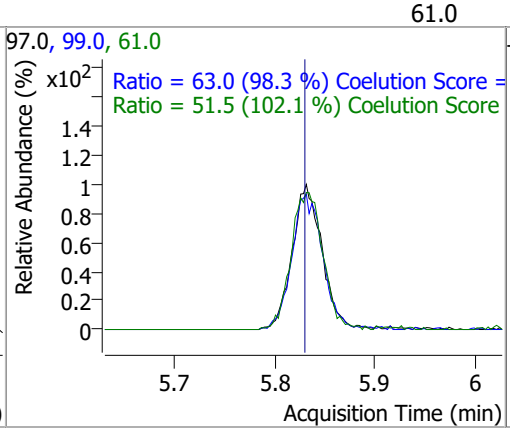


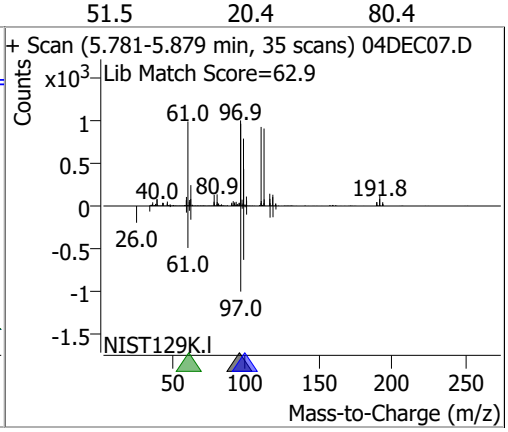




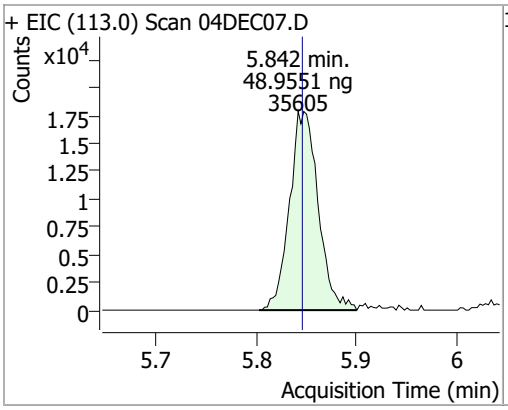
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	47.4350	5.83	0.00	67234	99.0	63.0	34.0	94.0
					61.0	51.5	20.4	80.4

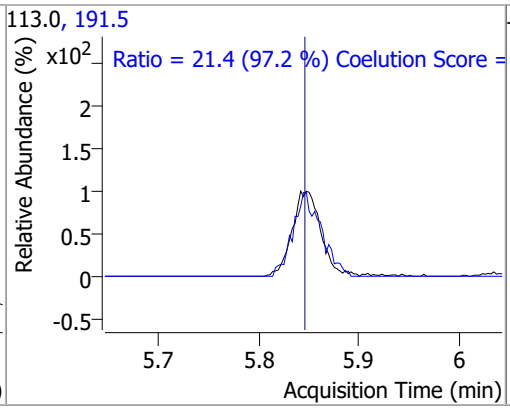


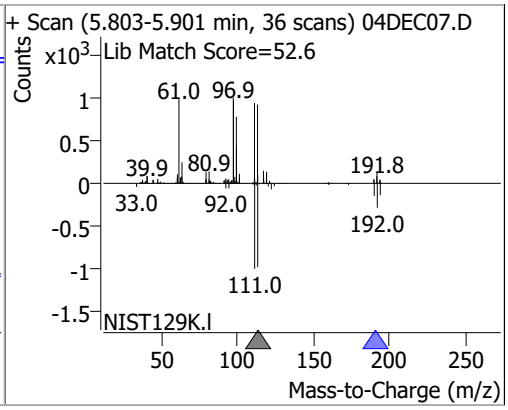




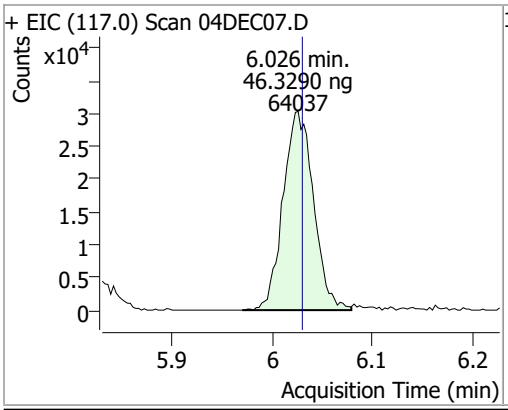
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	48.9551	5.84	0.00	35605	191.5	21.4	0.0	52.1

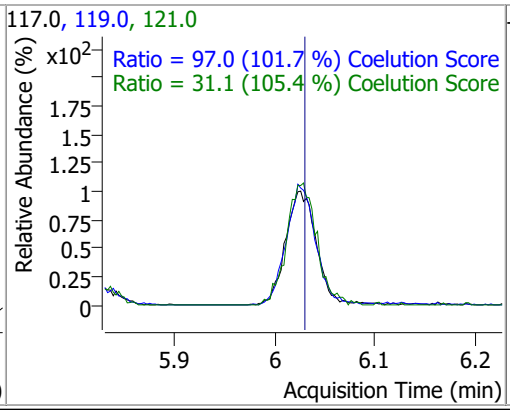


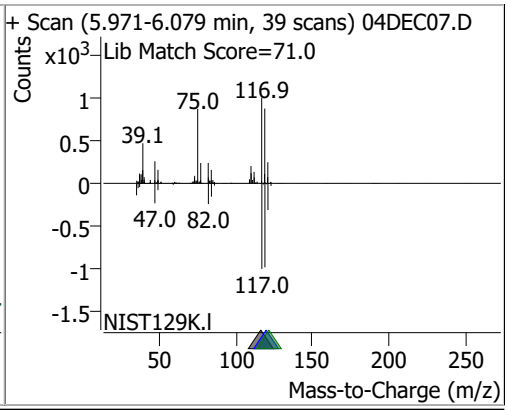




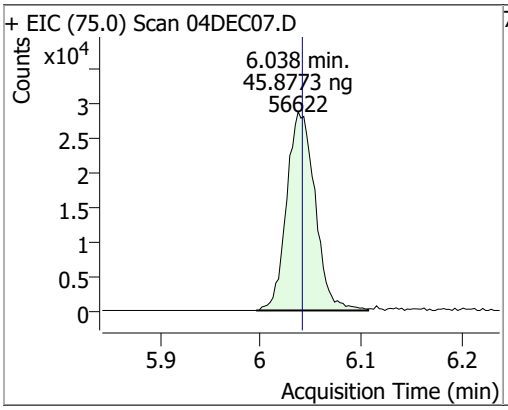
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	46.3290	6.03	0.00	64037	119.0	97.0	65.4	125.4
					121.0	31.1	0.0	59.5

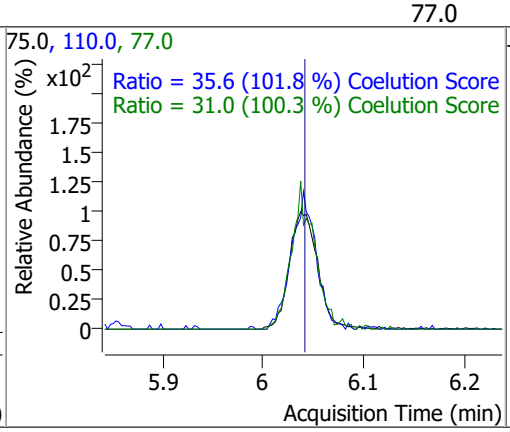


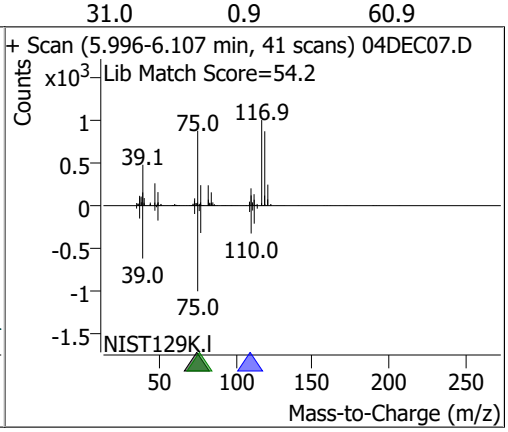




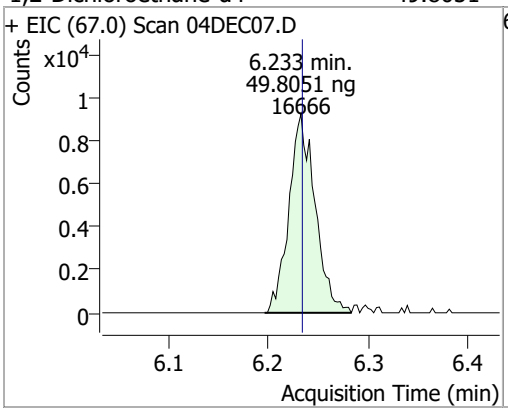
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	45.8773	6.04	0.00	56622	110.0	35.6	5.0	65.0
					77.0	31.0	0.9	60.9

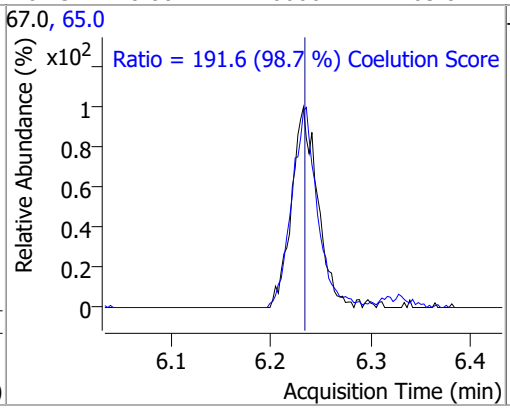


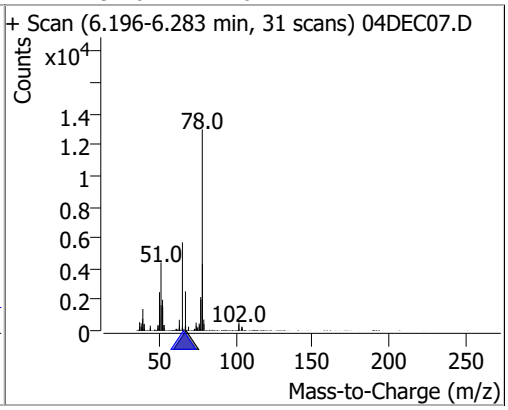




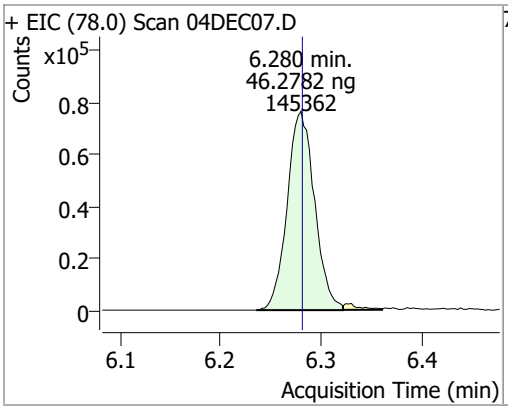
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	49.8051	6.23	0.00	16666	65.0	191.6	164.2	224.2

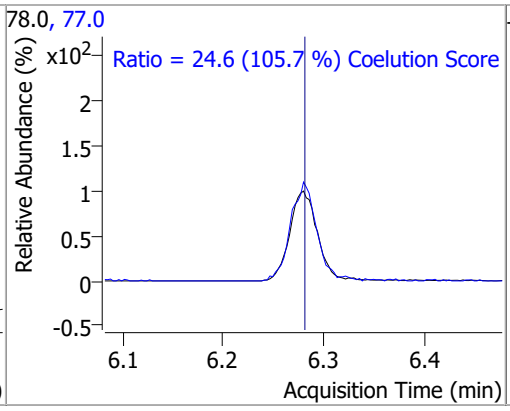


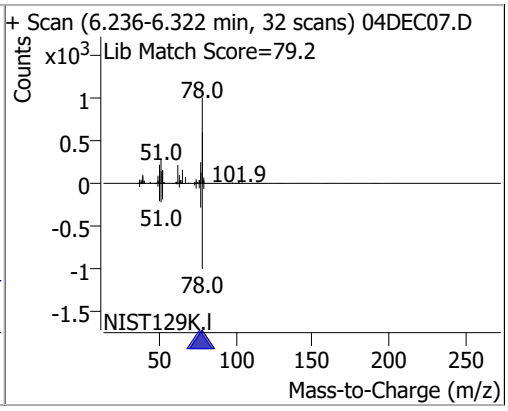




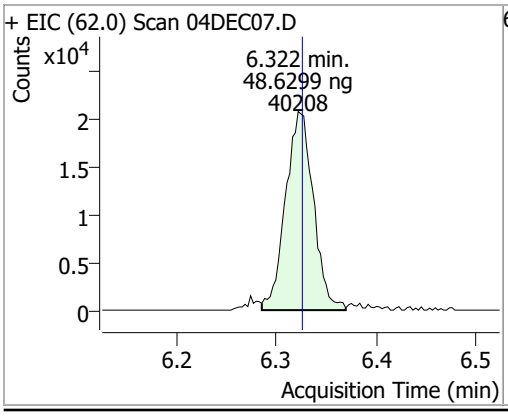
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	46.2782	6.28	0.00	145362	77.0	24.6	0.0	53.3

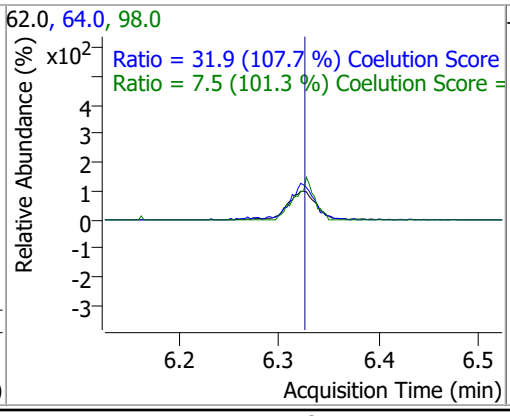


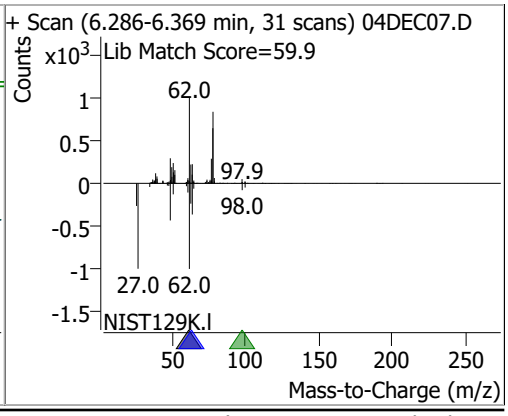




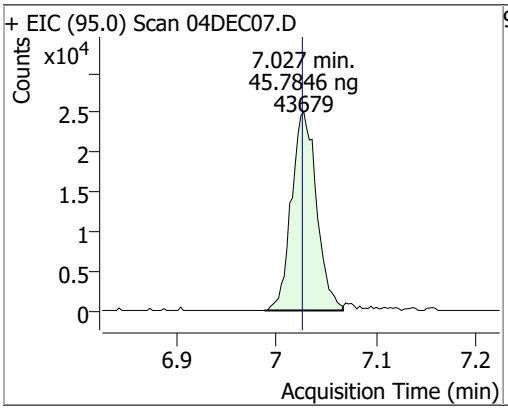
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	48.6299	6.32	0.00	40208	64.0	31.9	0.0	59.6
					98.0	7.5	0.0	37.4

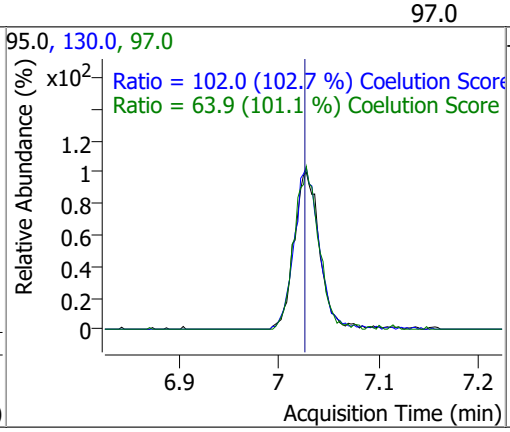


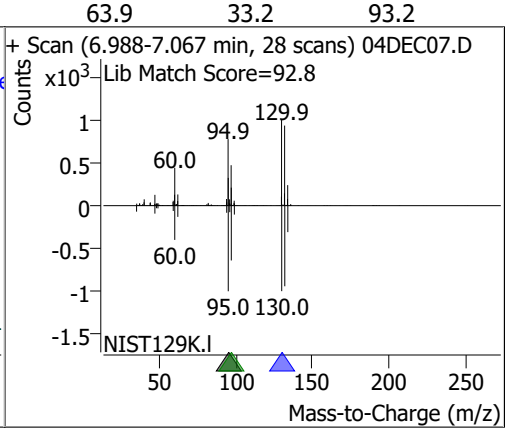




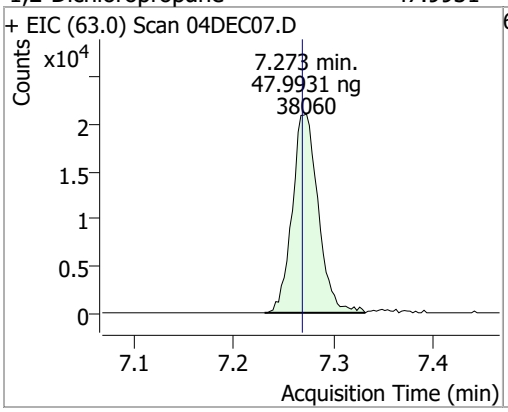
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	45.7846	7.03	0.00	43679	130.0	102.0	69.3	129.3
					97.0	63.9	33.2	93.2

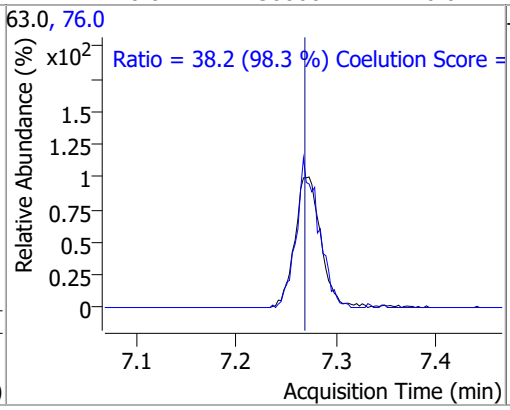


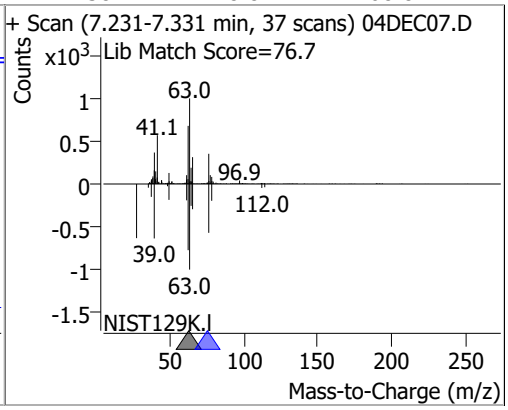




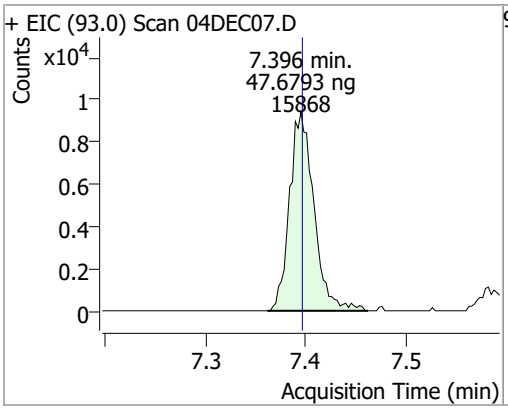
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	47.9931	7.27	0.01	38060	76.0	38.2	8.8	68.8

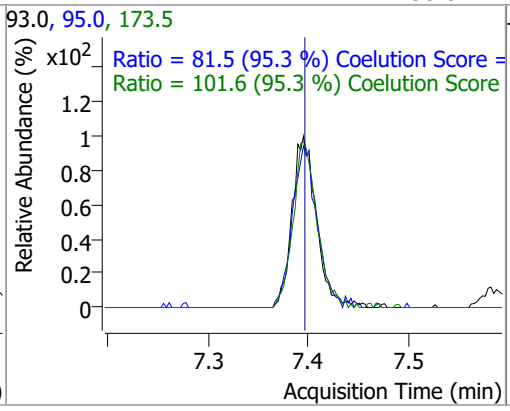


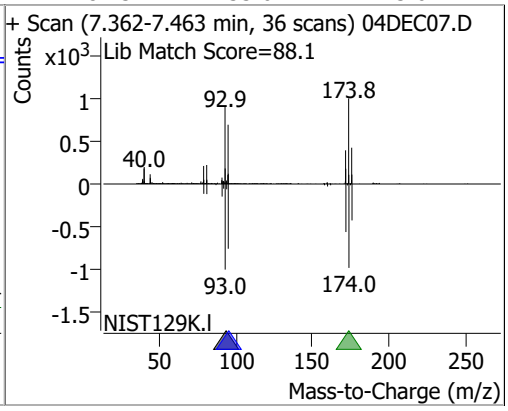




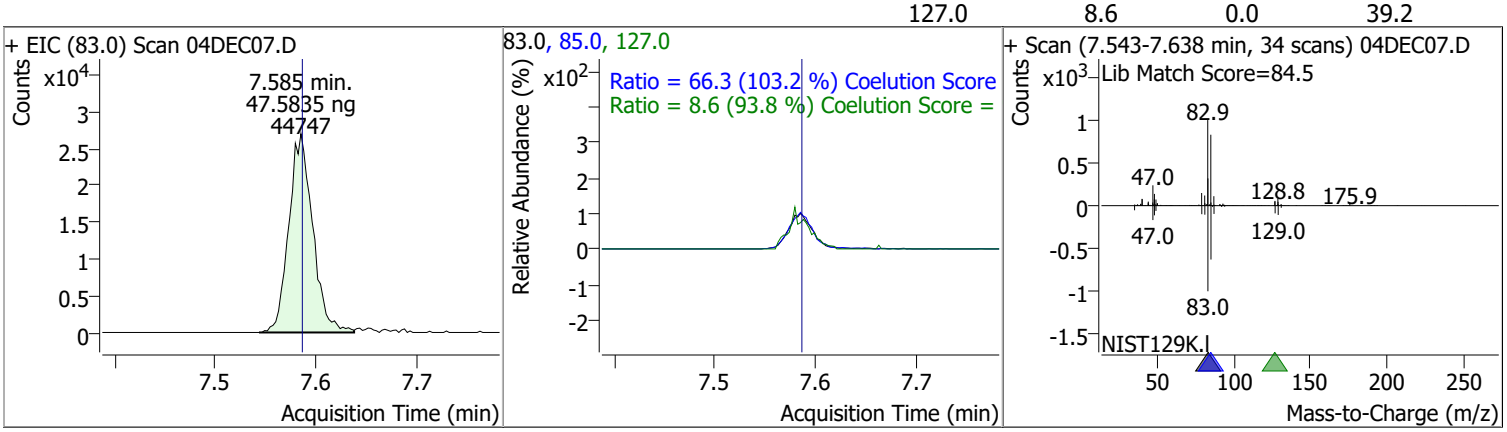
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	47.6793	7.40	0.00	15868	173.5	101.6	76.6	136.6
					95.0	81.5	55.6	115.6



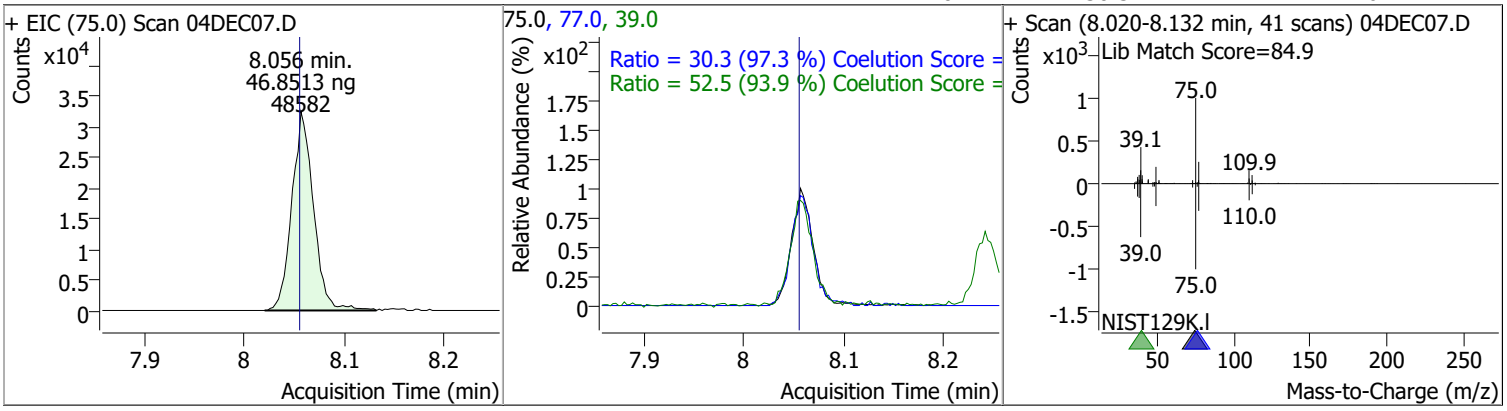




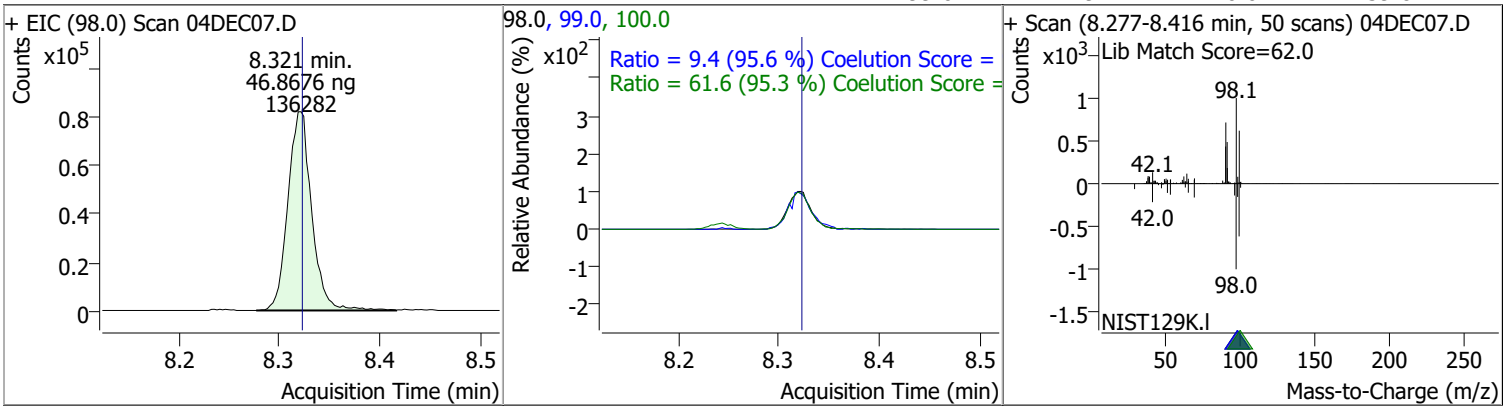
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	47.5835	7.59	0.00	44747	85.0	66.3	34.3	94.3
					127.0	8.6	0.0	39.2



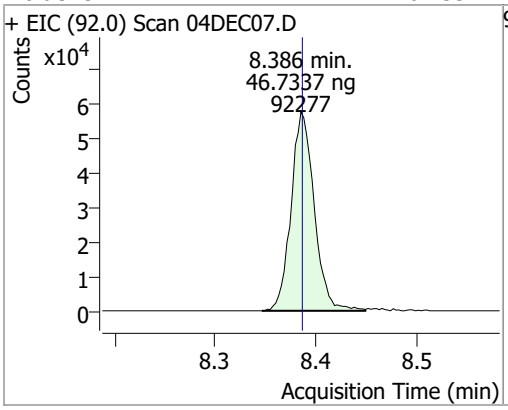
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	46.8513	8.06	0.00	48582	39.0	52.5	25.9	85.9
					77.0	30.3	1.2	61.2

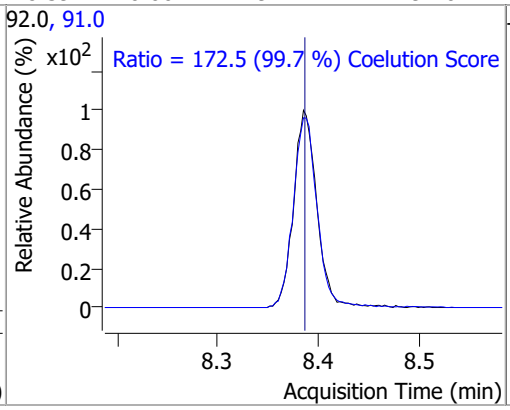


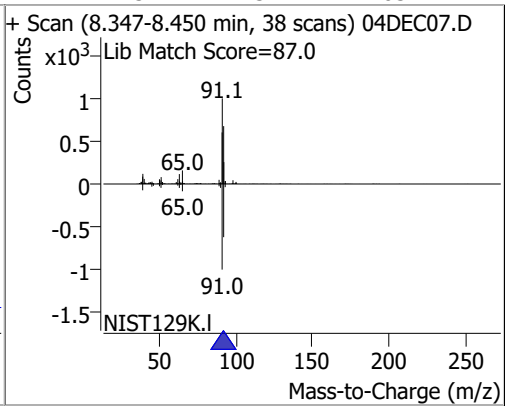
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	46.8676	8.32	0.00	136282	100.0	61.6	34.6	94.6
					99.0	9.4	0.0	39.8



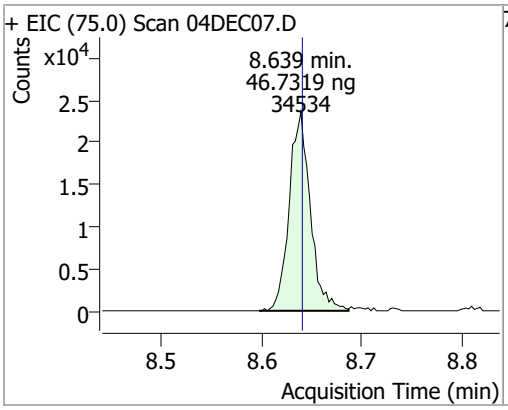
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	46.7337	8.39	0.00	92277	91.0	172.5	143.1	203.1

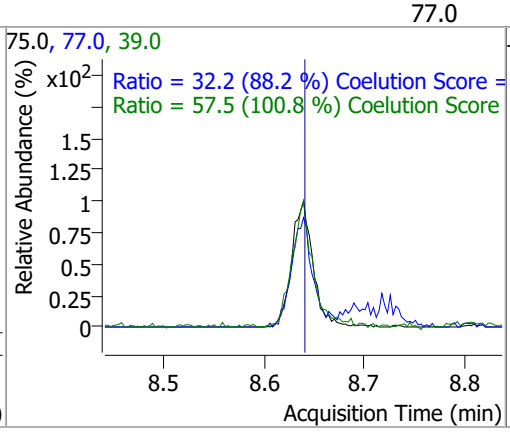


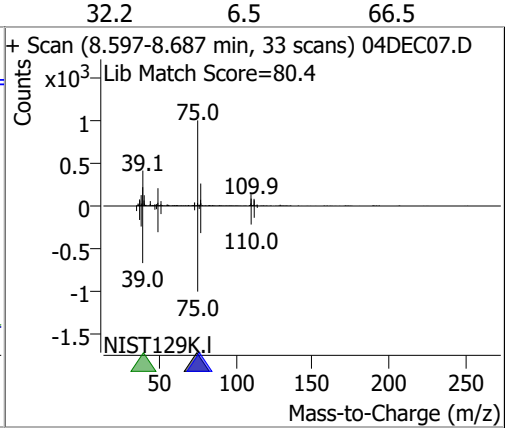




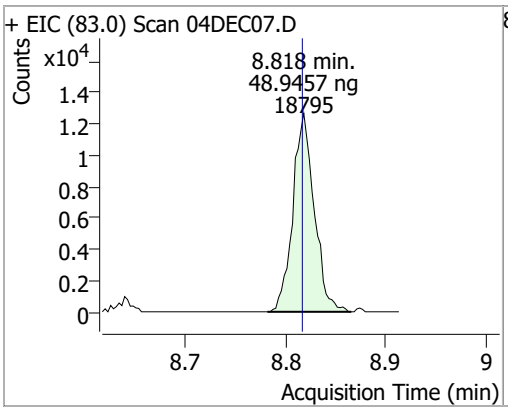
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	46.7319	8.64	0.00	34534	39.0	57.5	27.0	87.0
					77.0	32.2	6.5	66.5

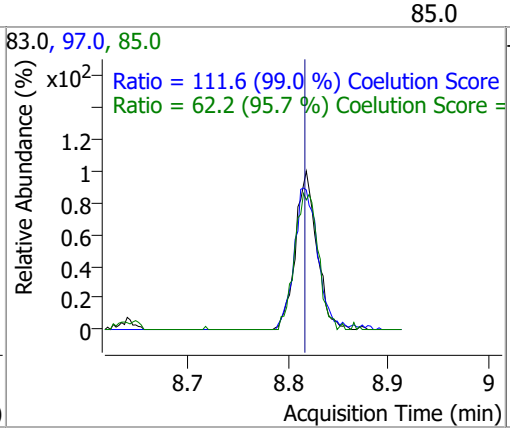


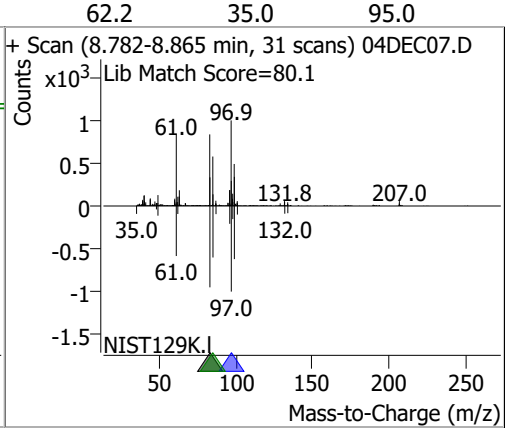




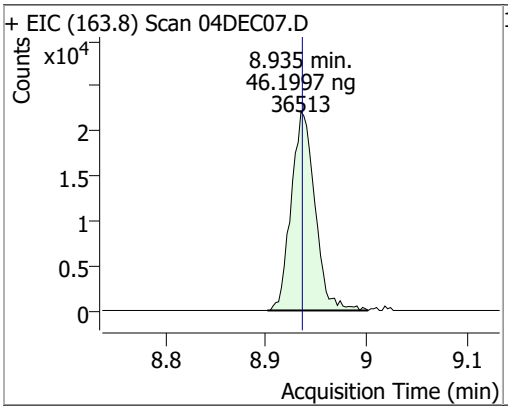
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	48.9457	8.82	0.00	18795	97.0	111.6	82.7	142.7
					85.0	62.2	35.0	95.0

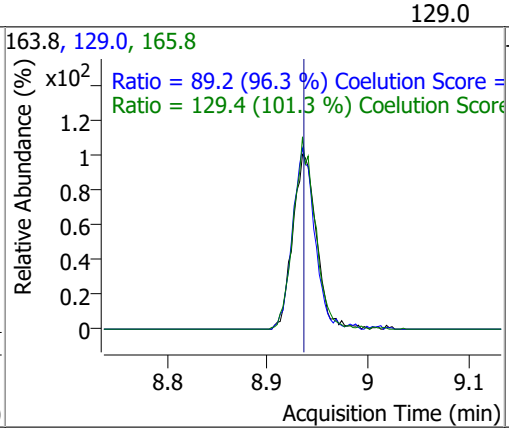


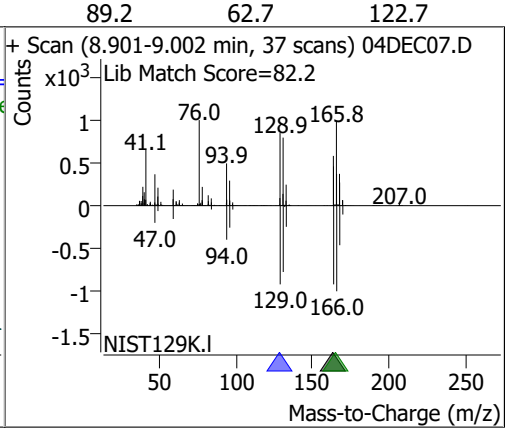




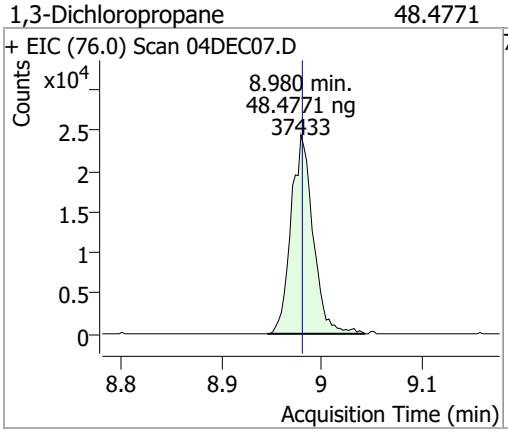
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	46.1997	8.93	0.00	36513	165.8	129.4	97.7	157.7
					129.0	89.2	62.7	122.7

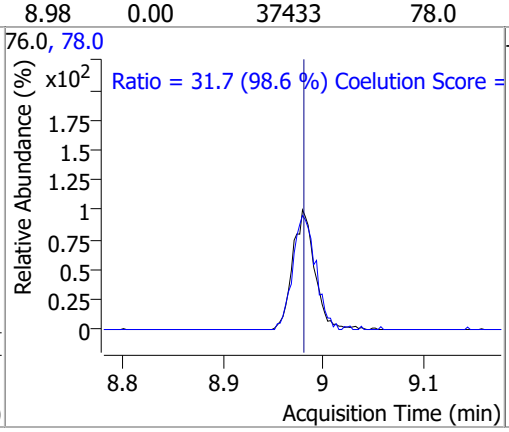


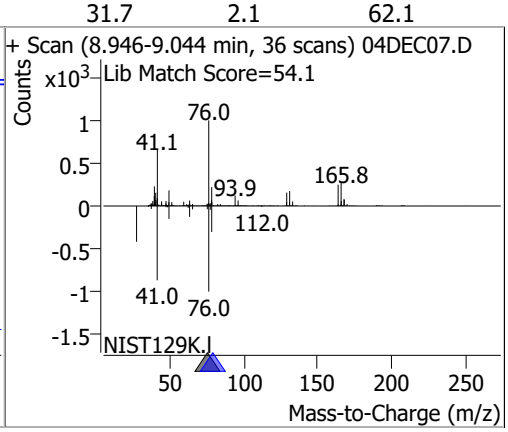




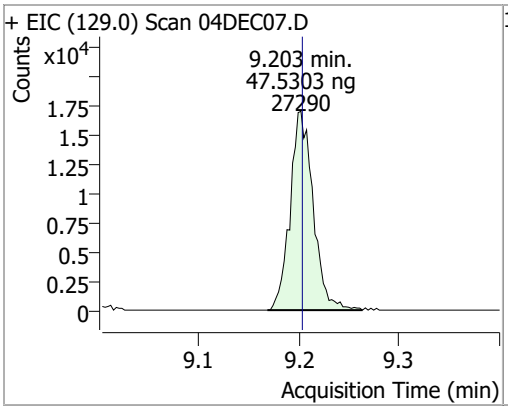
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	48.4771	8.98	0.00	37433	78.0	31.7	2.1	62.1

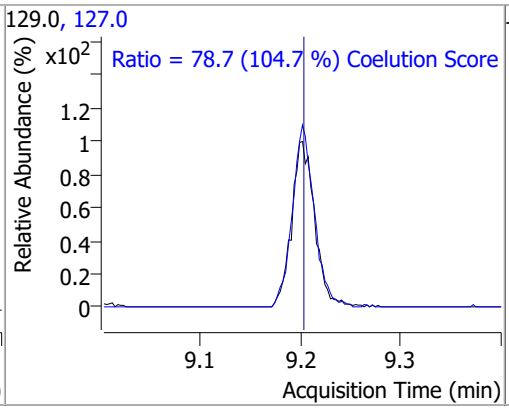


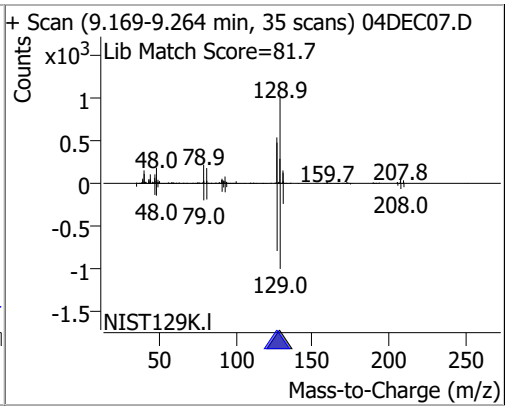




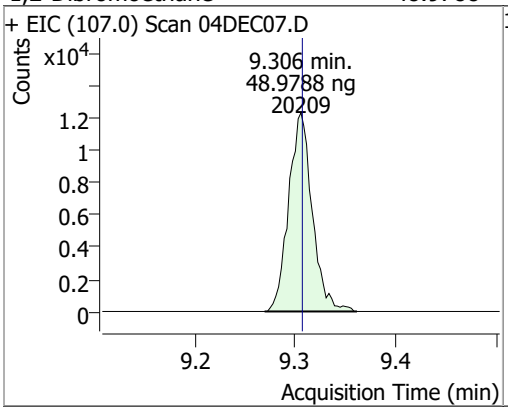
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	47.5303	9.20	0.00	27290	127.0	78.7	45.1	105.1

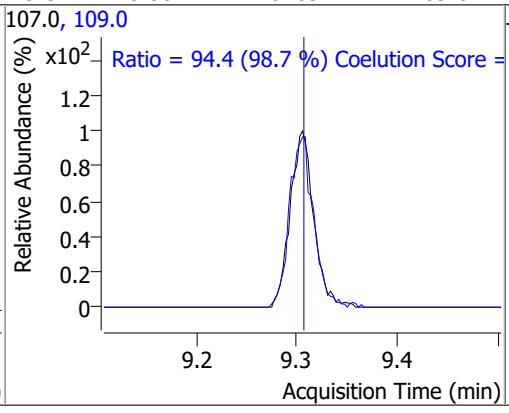


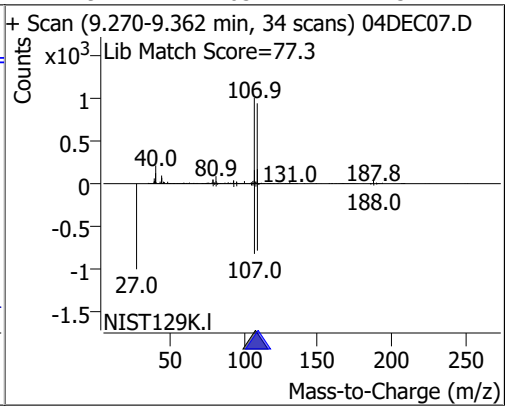




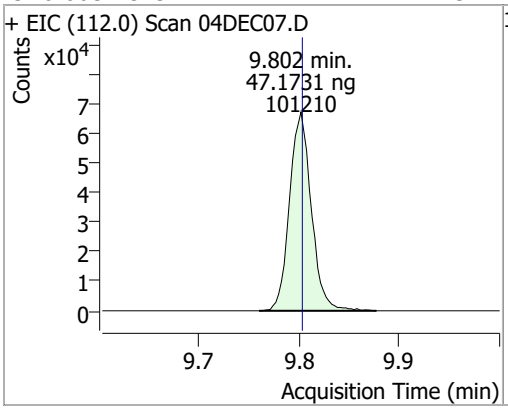
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	48.9788	9.31	0.00	20209	109.0	94.4	65.7	125.7

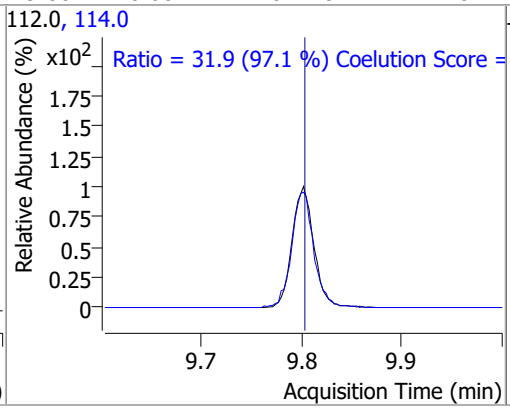


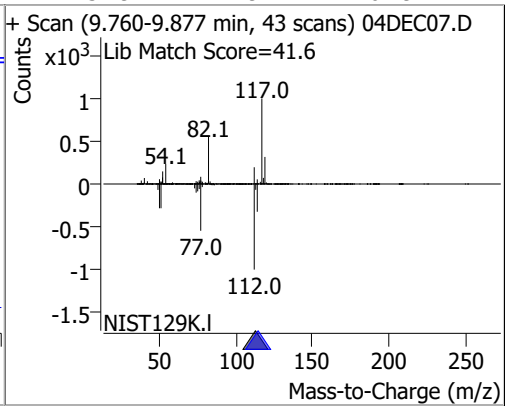




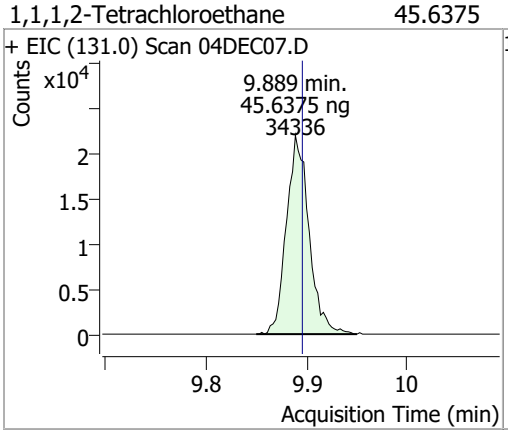
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	47.1731	9.80	0.00	101210	114.0	31.9	2.9	62.9

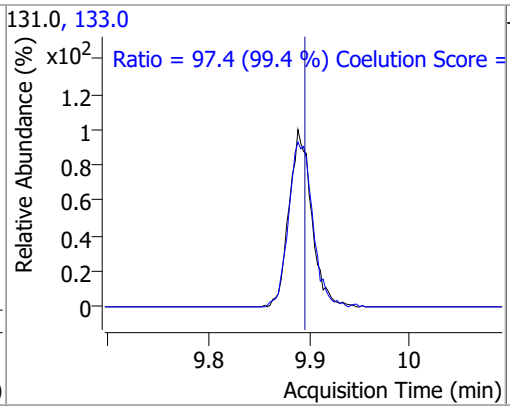


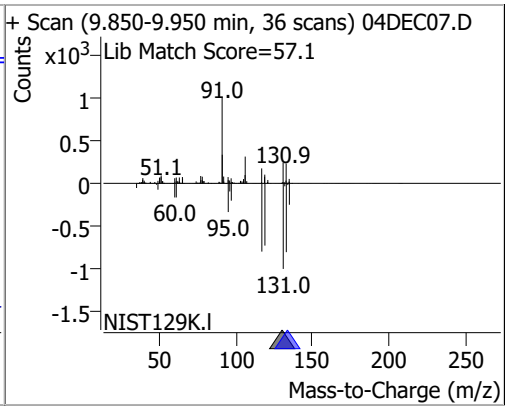




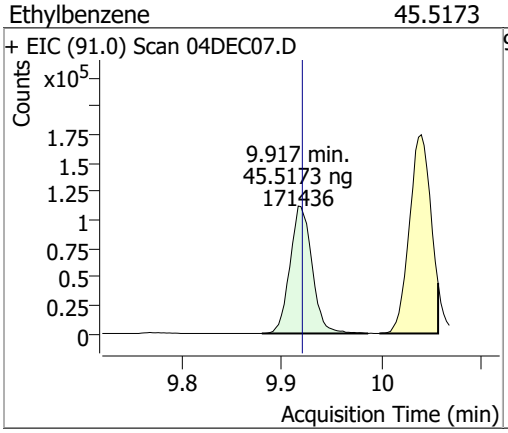
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	45.6375	9.89	-0.01	34336	133.0	97.4	68.0	128.0

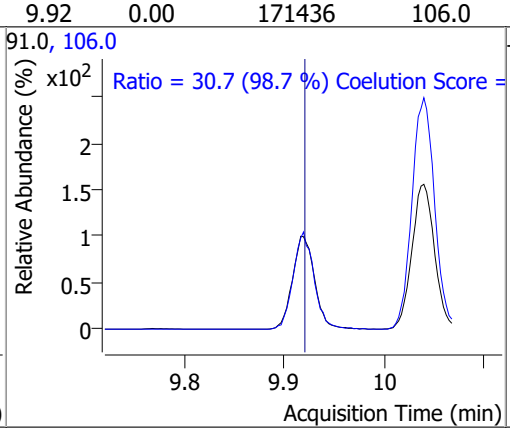


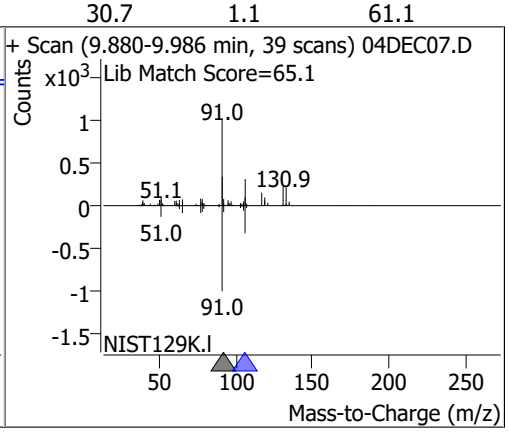




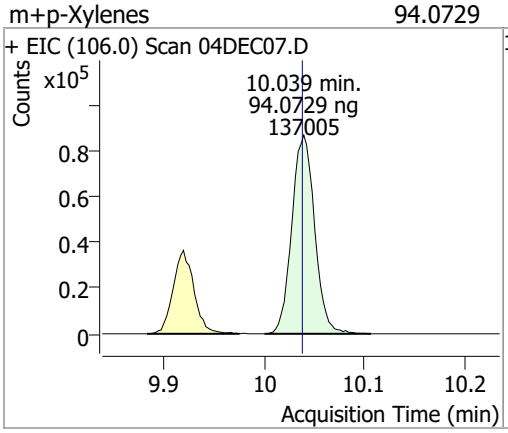
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	45.5173	9.92	0.00	171436	106.0	30.7	1.1	61.1

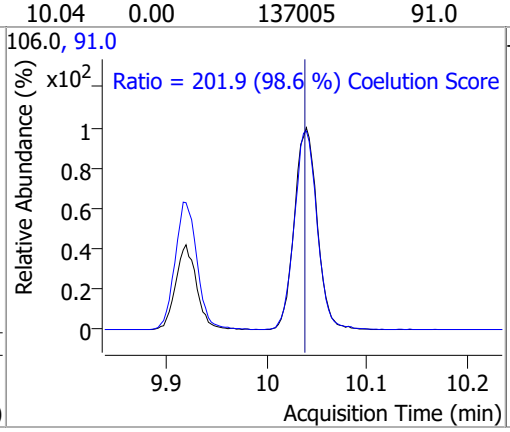


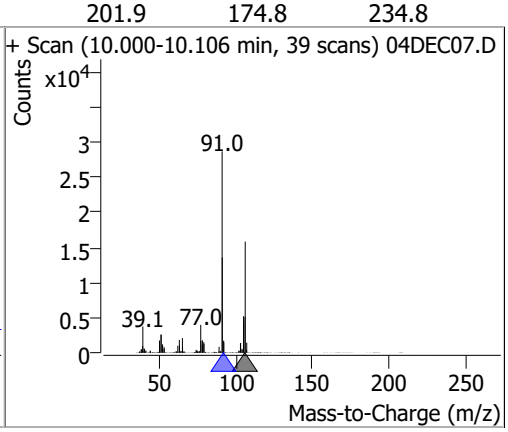




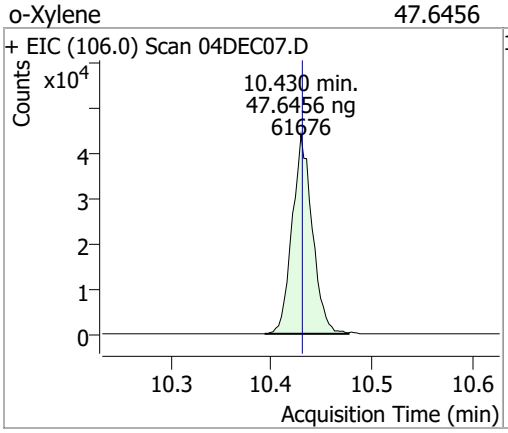
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	94.0729	10.04	0.00	137005	91.0	201.9	174.8	234.8

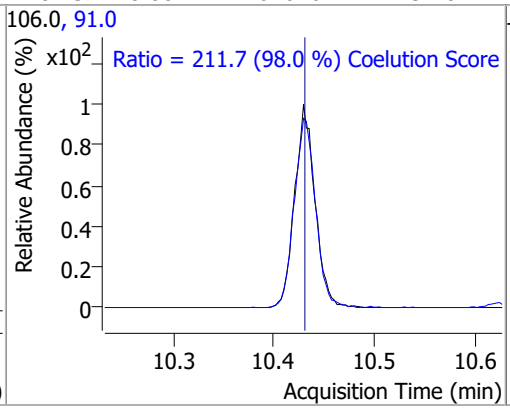


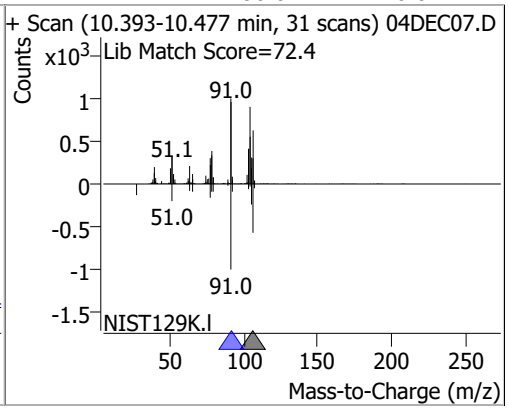




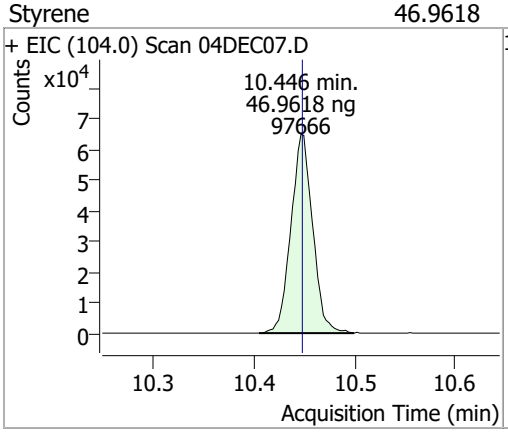
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	47.6456	10.43	0.00	61676	91.0	211.7	186.0	246.0

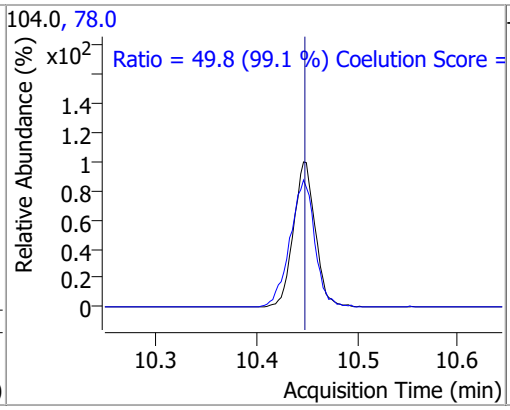


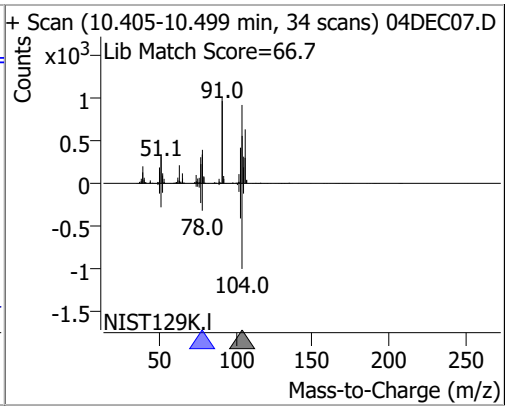




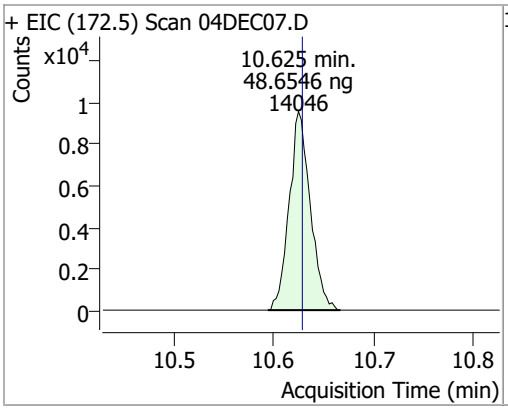
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	46.9618	10.45	0.00	97666	78.0	49.8	20.3	80.3

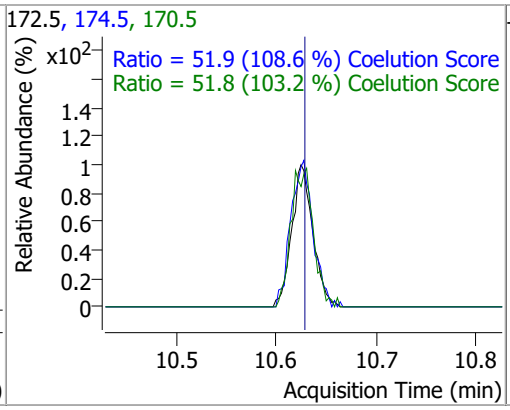


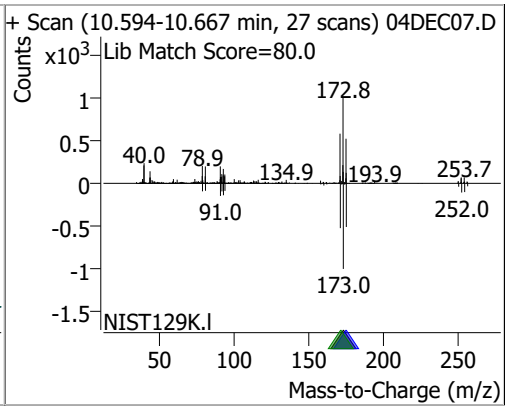




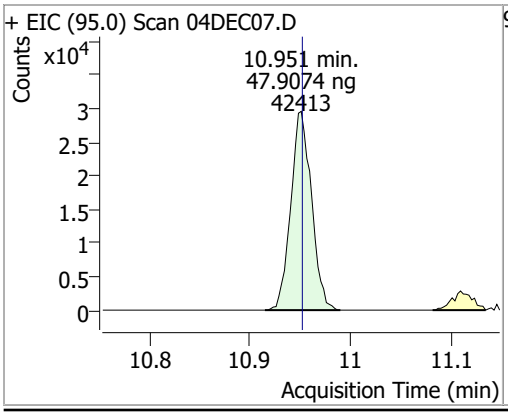
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	48.6546	10.62	0.00	14046	170.5	51.8	20.2	80.2
					174.5	51.9	17.7	77.7

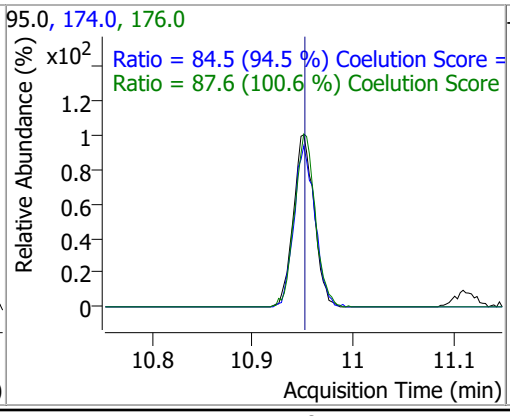


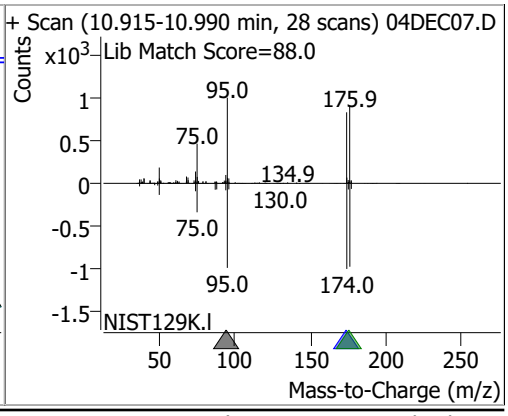




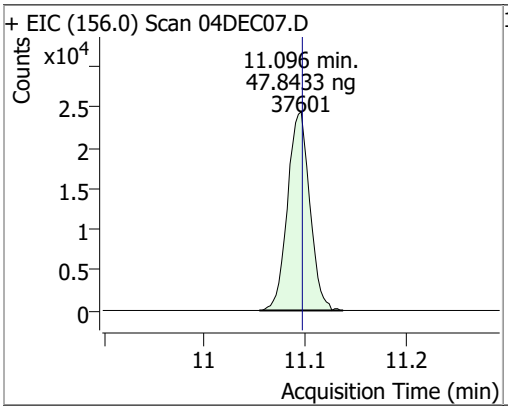
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	47.9074	10.95	0.00	42413	174.0	84.5	59.4	119.4
					176.0	87.6	57.1	117.1

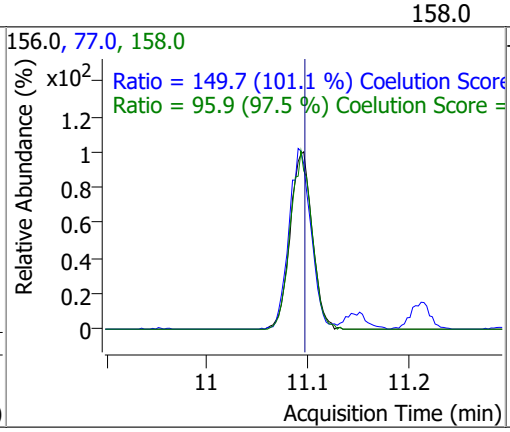


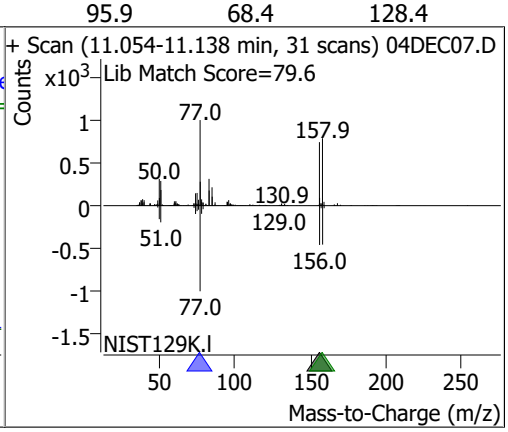




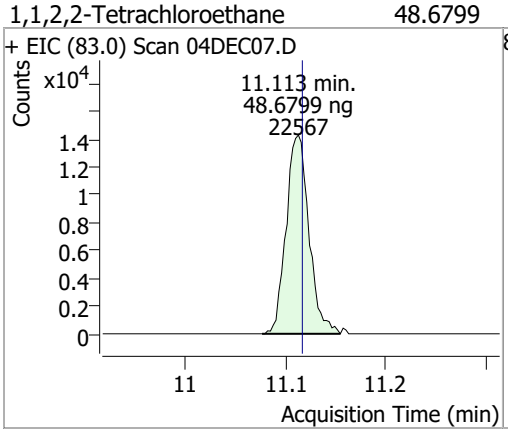
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	47.8433	11.10	0.00	37601	77.0	149.7	118.1	178.1
					158.0	95.9	68.4	128.4

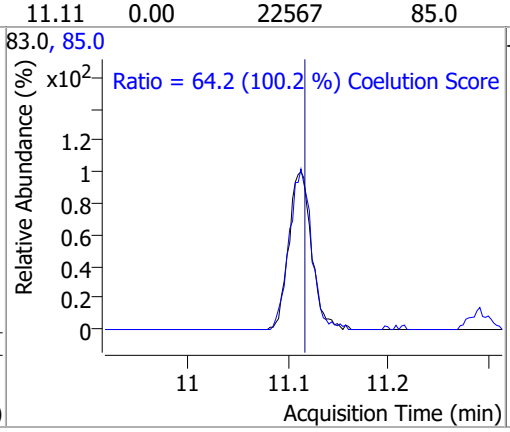


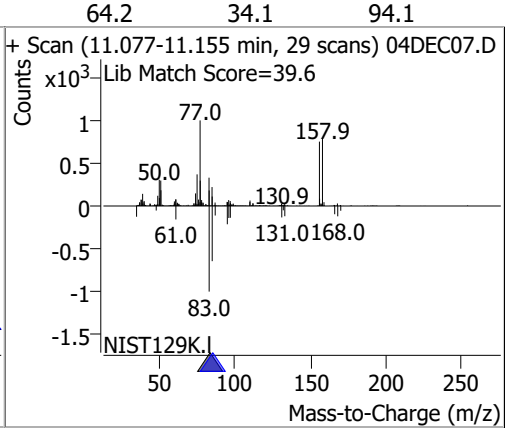




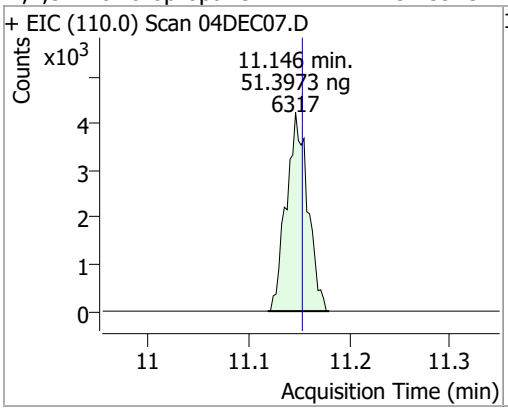
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	48.6799	11.11	0.00	22567	85.0	64.2	34.1	94.1

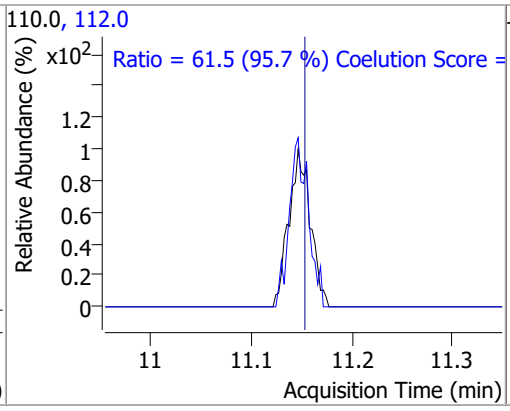


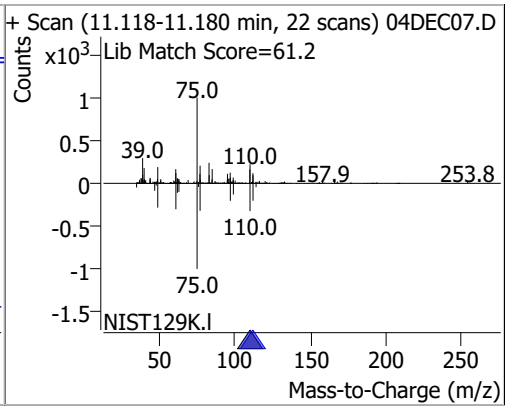




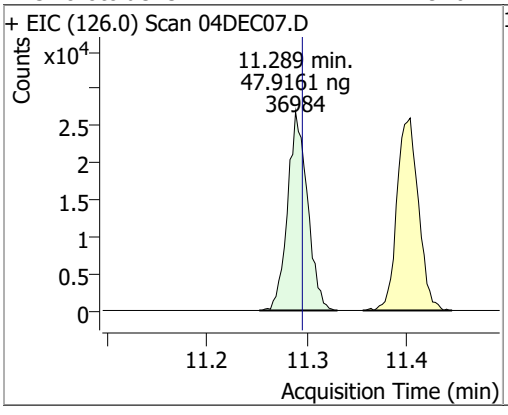
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	51.3973	11.15	0.00	6317	112.0	61.5	34.3	94.3

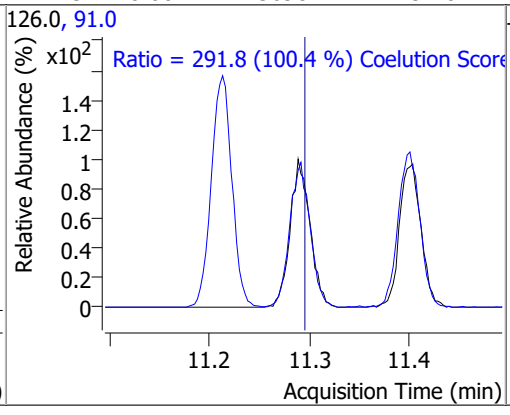


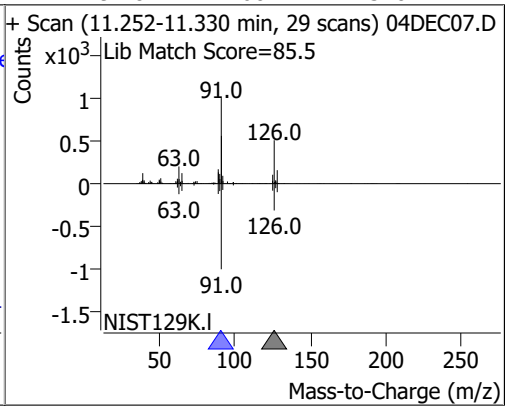




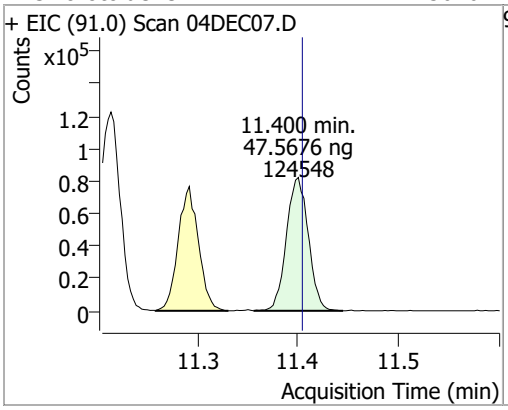
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	47.9161	11.29	0.00	36984	91.0	291.8	260.7	320.7

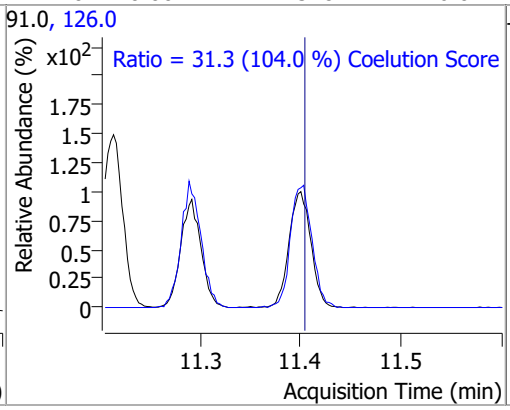


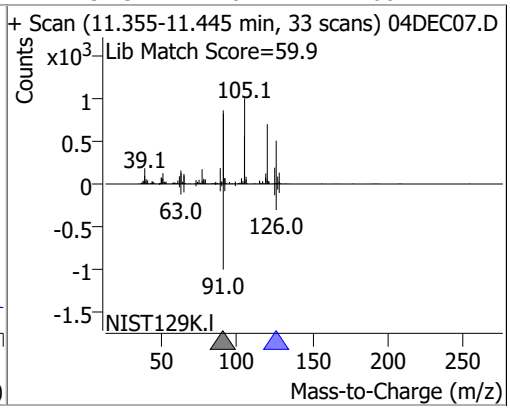




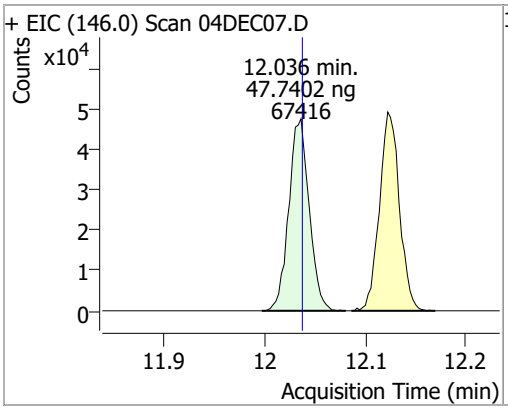
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	47.5676	11.40	0.00	124548	126.0	31.3	0.1	60.1

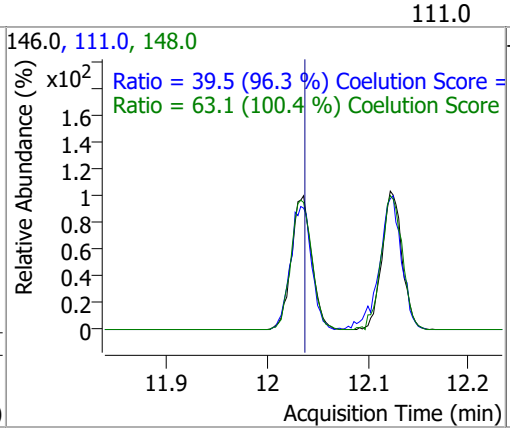


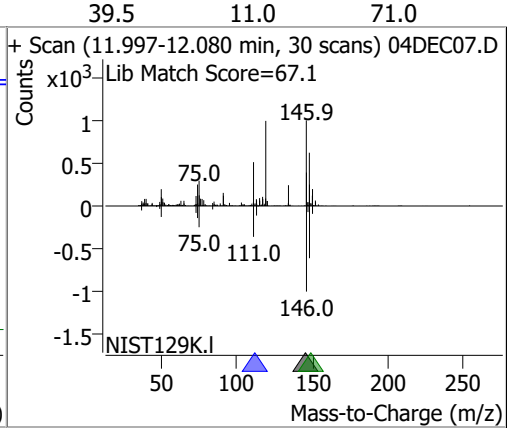




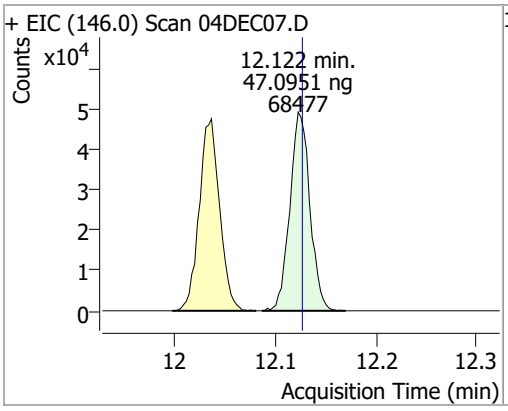
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	47.7402	12.04	0.00	67416	148.0	63.1	32.9	92.9
					111.0	39.5	11.0	71.0

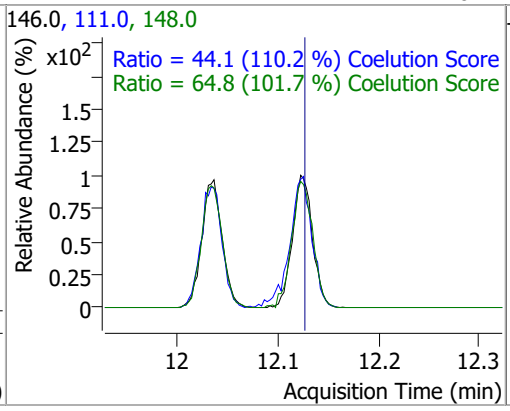


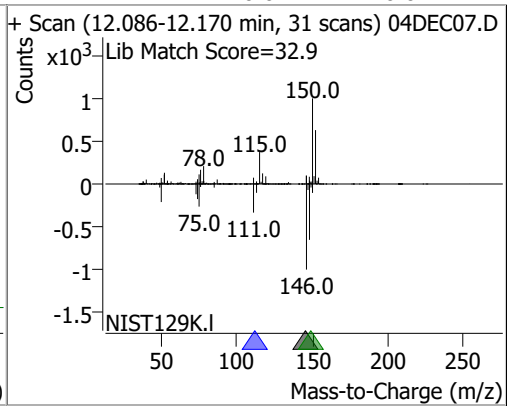




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	47.0951	12.12	0.00	68477	148.0	64.8	33.8	93.8
					111.0	44.1	10.0	70.0

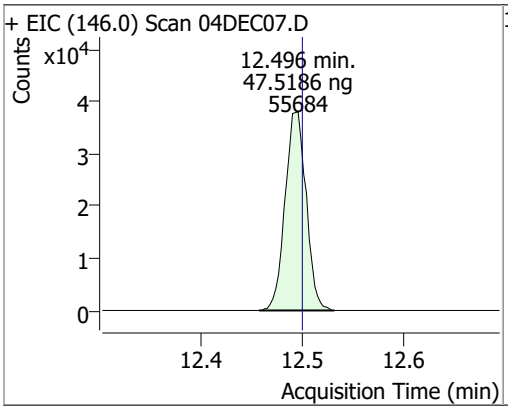


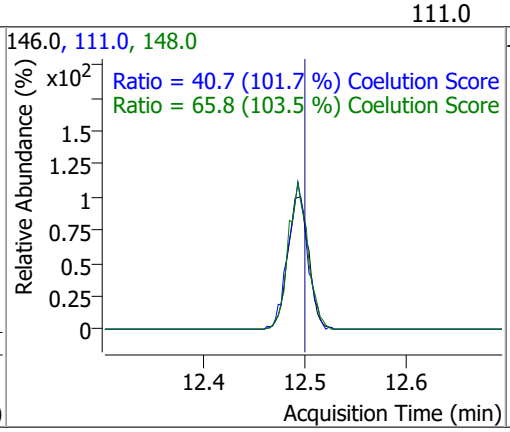


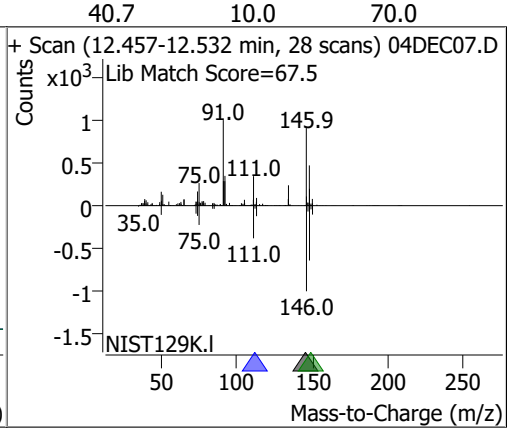


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	47.5186	12.50	0.00	55684	148.0	65.8	33.5	93.5
					111.0	40.7	10.0	70.0



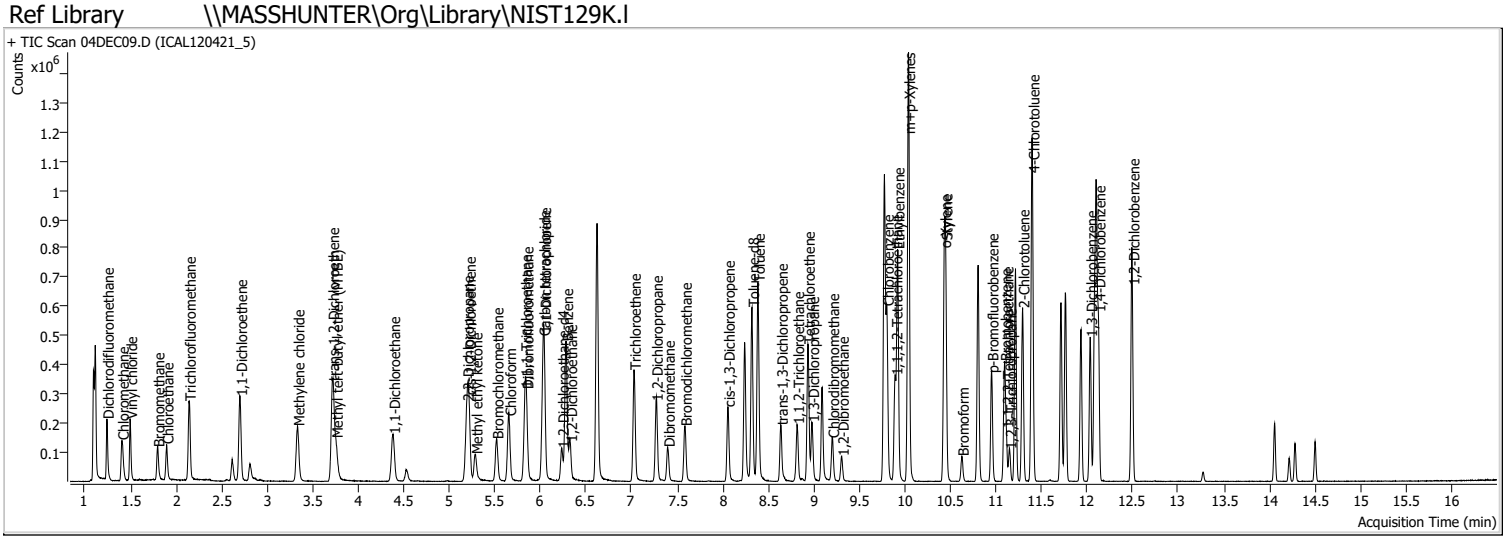




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04DEC09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 3:20:02 PM
Sample Name	ICAL120421_5	Instrument	VOA5975C
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

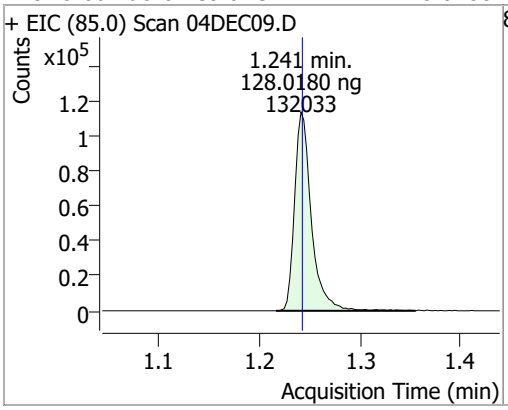


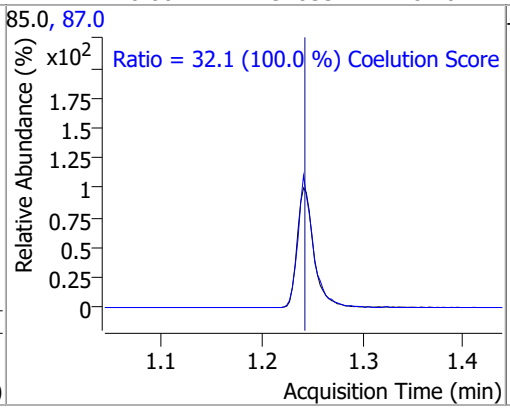
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	747366	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	286916	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	227514	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	85715	120.4244	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 48.17%		*	
S 1,2-Dichloroethane-d4	6.233	67.0	39742	121.3565	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 48.54%		*	
S Toluene-d8	8.322	98.0	351426	123.9954	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 49.60%		*	
S p-Bromofluorobenzene	10.949	95.0	108797	124.5873	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 49.83%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	132033	128.0180	ng		100
T Chloromethane	1.406	50.0	146798	123.7877	ng		100
T Vinyl chloride	1.495	62.0	142977	126.3608	ng		100
T Bromomethane	1.796	96.0	56442	125.6445	ng		100
T Chloroethane	1.897	64.0	77906	123.7267	ng		100
T Trichlorofluoromethane	2.142	101.0	190376	128.7137	ng		100
T 1,1-Dichloroethene	2.703	96.0	102251	129.4231	ng		100
T Methylene chloride	3.333	49.0	137285	125.4044	ng		100
T trans-1,2-Dichloroethene	3.715	96.0	102470	129.8831	ng		100
T Methyl tert-butyl ether (MTBE)	3.754	73.0	119821	120.2457	ng		100
T 1,1-Dichloroethane	4.381	63.0	191840	127.9595	ng		100
T 2,2-Dichloropropane	5.190	77.0	145190	130.5712	ng		100
T cis-1,2-Dichloroethene	5.215	96.0	105080	129.9140	ng		100
T Methyl ethyl ketone	5.288	43.0	130548	1256.0888	ng		100
T Bromochloromethane	5.516	128.0	39849	128.9693	ng		100
T Chloroform	5.656	83.0	184221	128.0625	ng		100

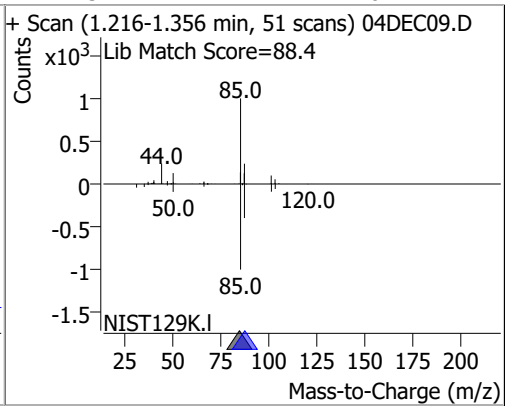
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.829	97.0	179776	129.6023	ng	100
T Carbon tetrachloride	6.029	117.0	177848	131.4745	ng	100
T 1,1-Dichloropropene	6.041	75.0	161032	133.3201	ng	100
T Benzene	6.280	78.0	400772	130.3748	ng	100
T 1,2-Dichloroethane	6.325	62.0	106662	131.8170	ng	100
T Trichloroethene	7.025	95.0	119798	128.8349	ng	100
T 1,2-Dichloropropane	7.268	63.0	99229	128.3766	ng	100
T Dibromomethane	7.396	93.0	40542	124.9827	ng	100
T Bromodichloromethane	7.585	83.0	114535	124.9592	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	127934	126.5814	ng	100
T Toluene	8.386	92.0	254470	132.2241	ng	100
T trans-1,3-Dichloropropene	8.640	75.0	92291	128.1335	ng	100
T 1,1,2-Trichloroethane	8.815	83.0	46287	123.6711	ng	100
T Tetrachloroethene	8.935	163.8	99780	129.5307	ng	100
T 1,3-Dichloropropane	8.980	76.0	95269	126.5817	ng	100
T Chlorodibromomethane	9.203	129.0	72490	129.5337	ng	100
T 1,2-Dibromoethane	9.306	107.0	51661	128.4588	ng	100
T Chlorobenzene	9.802	112.0	263399	125.9571	ng	100
T 1,1,1,2-Tetrachloroethane	9.894	131.0	89568	122.1413	ng	100
T Ethylbenzene	9.920	91.0	483126	131.6048	ng	100
T m+p-Xylenes	10.037	106.0	378008	266.2972	ng	100
T o-Xylene	10.430	106.0	164133	130.0887	ng	100
T Styrene	10.447	104.0	273687	135.0184	ng	100
T Bromoform	10.625	172.5	36556	128.3757	ng	100
T Bromobenzene	11.094	156.0	100372	129.4752	ng	100
T 1,1,2,2-Tetrachloroethane	11.113	83.0	56301	123.1246	ng	100
T 1,2,3-Trichloropropane	11.149	110.0	14804	122.1129	ng	100
T 2-Chlorotoluene	11.292	126.0	103599	136.0741	ng	100
T 4-Chlorotoluene	11.400	91.0	348632	134.9879	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	179419	128.8078	ng	100
T 1,4-Dichlorobenzene	12.123	146.0	185361	129.2415	ng	100
T 1,2-Dichlorobenzene	12.496	146.0	150899	130.5486	ng	100

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

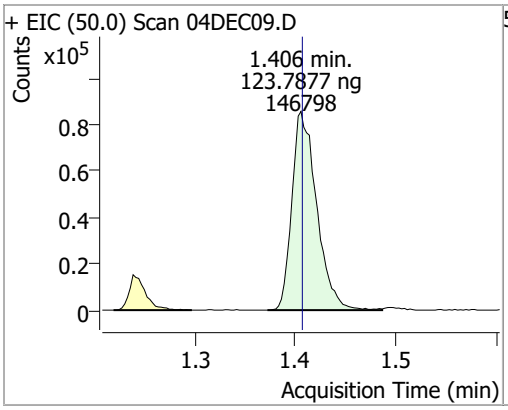
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	128.0180	1.24	0.00	132033	87.0	32.1	2.1	62.1

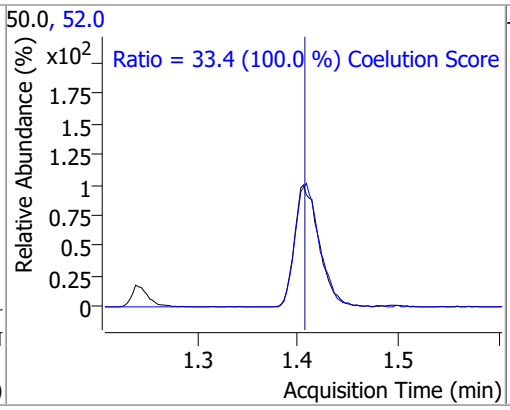


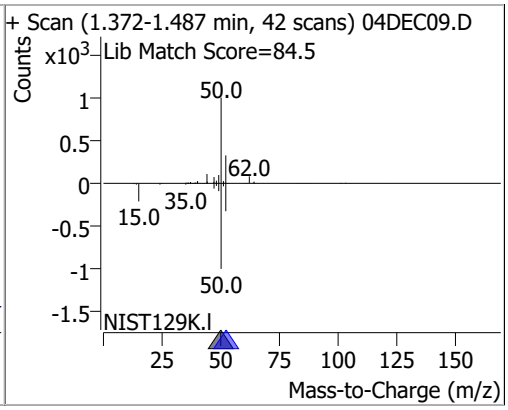




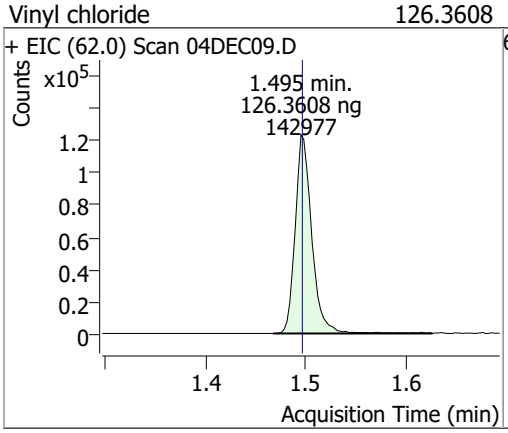
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	123.7877	1.41	0.00	146798	52.0	33.4	3.4	63.4

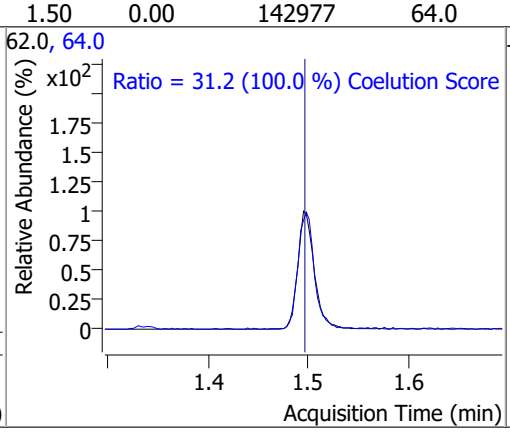


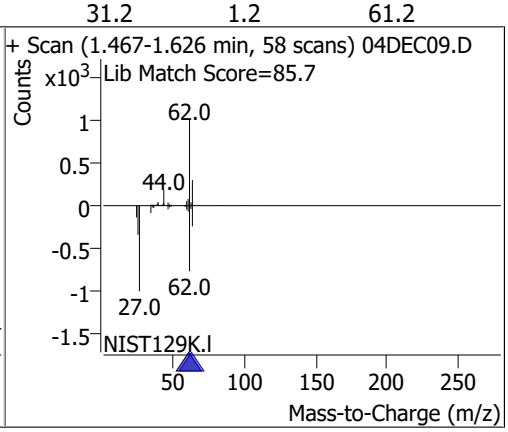




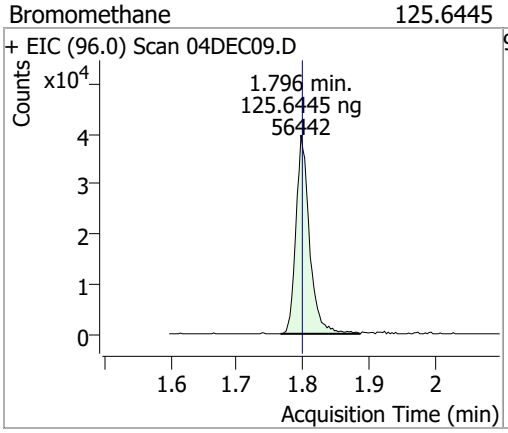
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	126.3608	1.50	0.00	142977	64.0	31.2	1.2	61.2

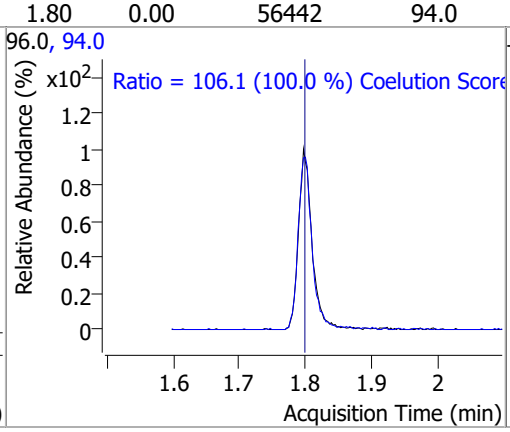


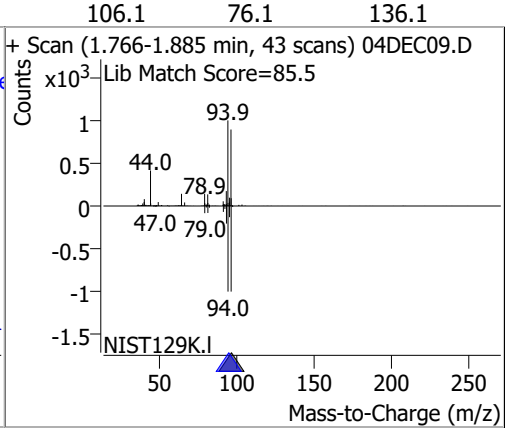




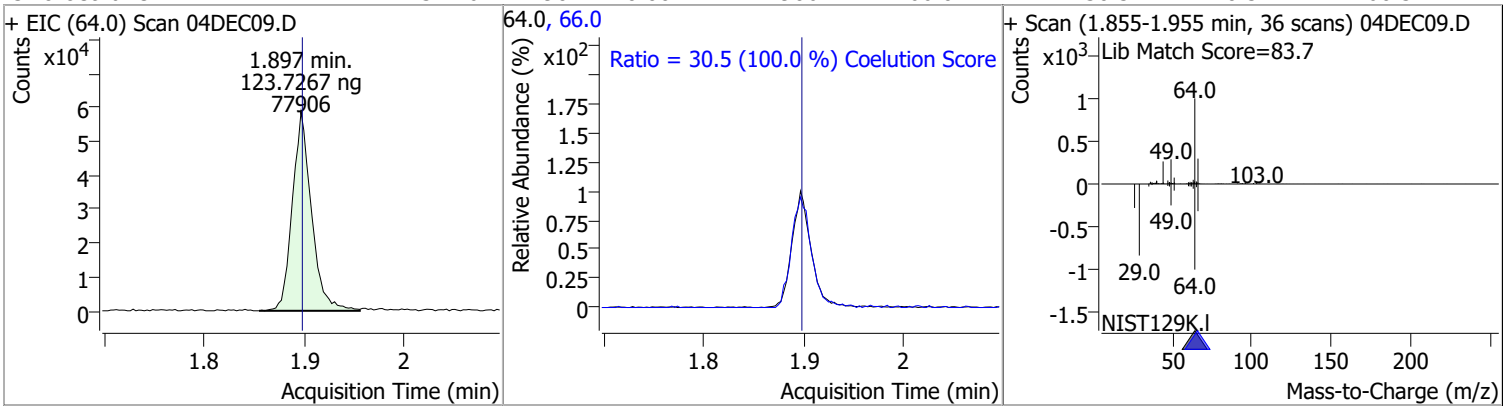
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	125.6445	1.80	0.00	56442	94.0	106.1	76.1	136.1



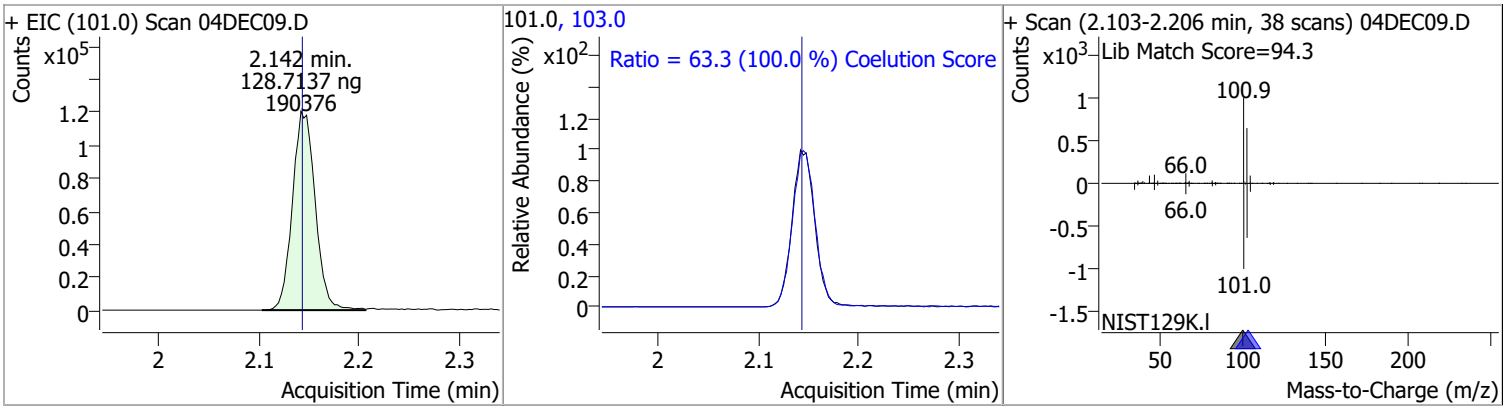




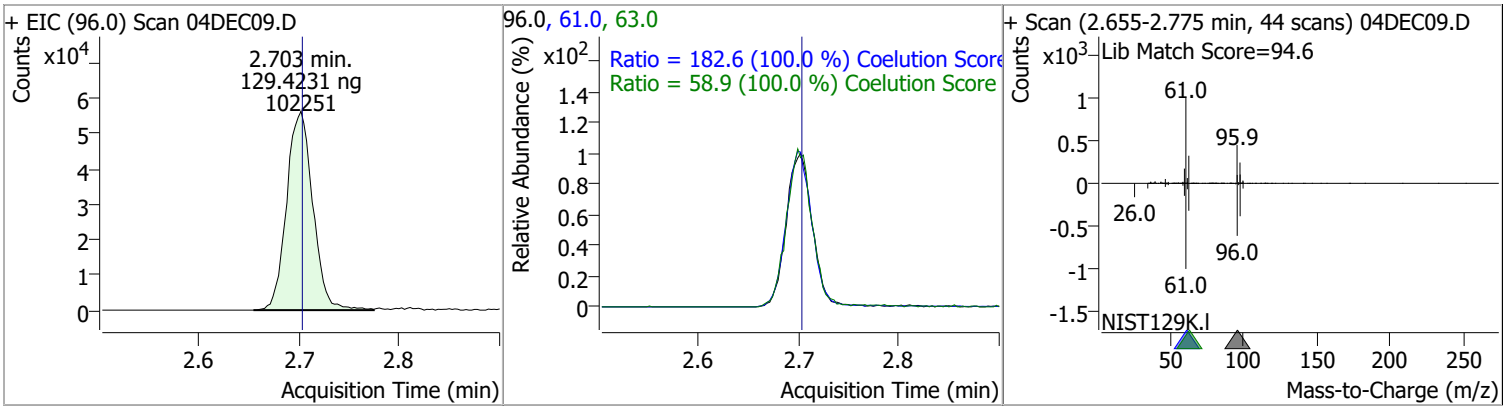
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	123.7267	1.90	0.00	77906	66.0	30.5	0.5	60.5



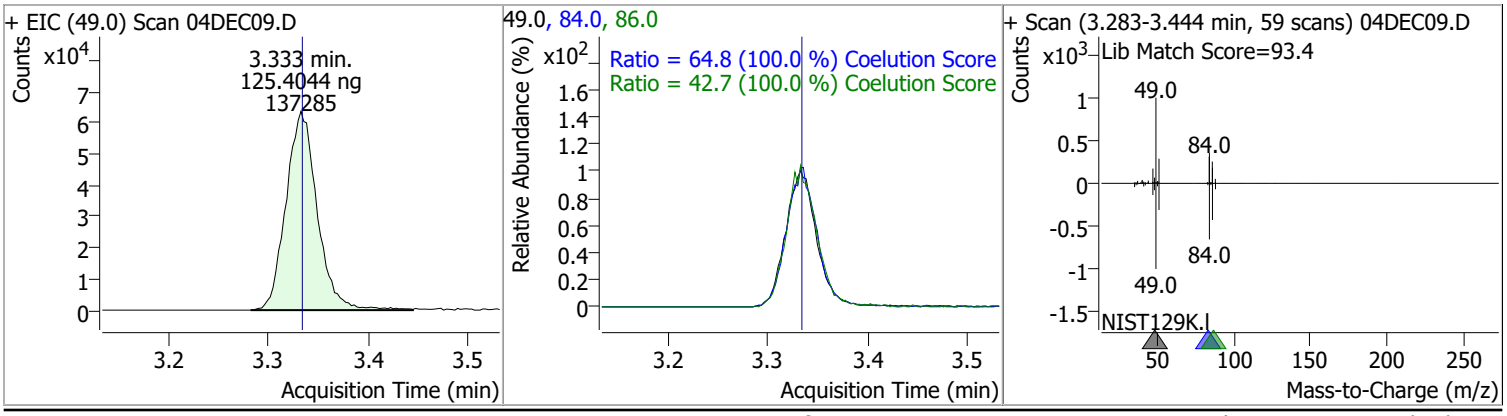
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	128.7137	2.14	0.00	190376	103.0	63.3	33.3	93.3



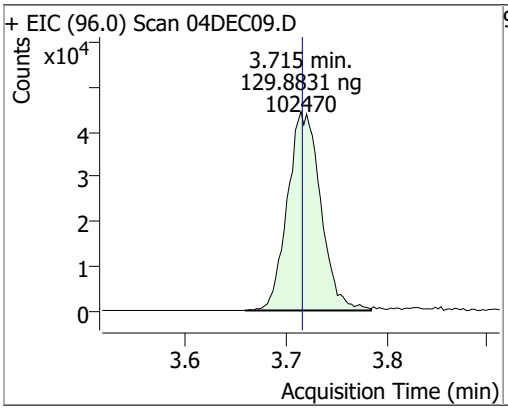
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	129.4231	2.70	0.00	102251	61.0	182.6	152.6	212.6
					63.0	58.9	28.9	88.9

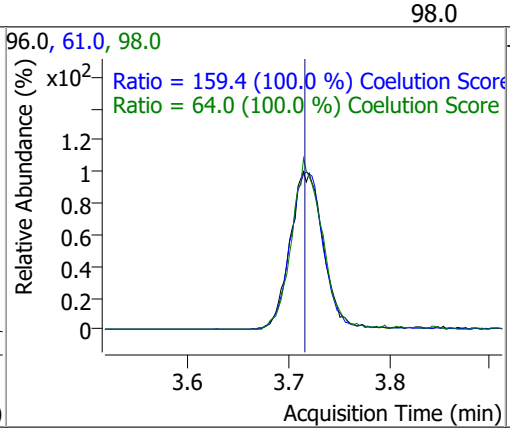


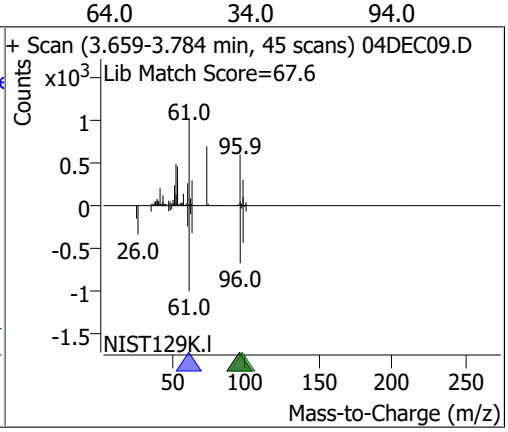
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	125.4044	3.33	0.00	137285	84.0	64.8	34.8	94.8
					86.0	42.7	12.7	72.7



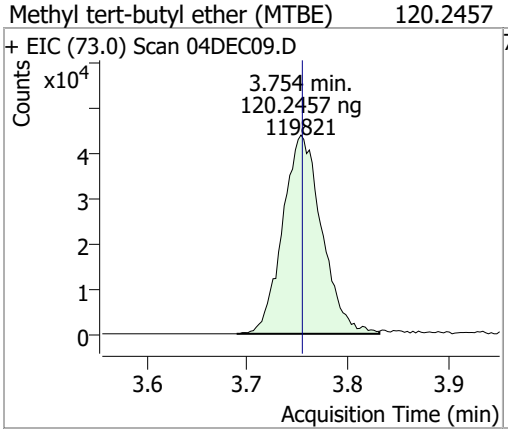
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	129.8831	3.71	0.00	102470	61.0	159.4	129.4	189.4
					98.0	64.0	34.0	94.0

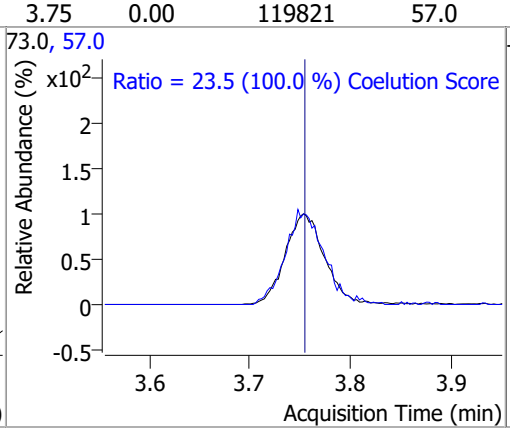


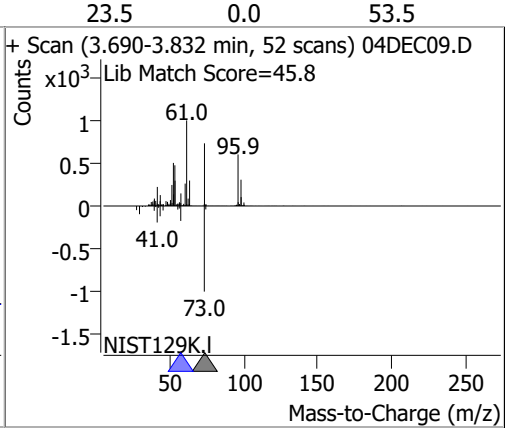




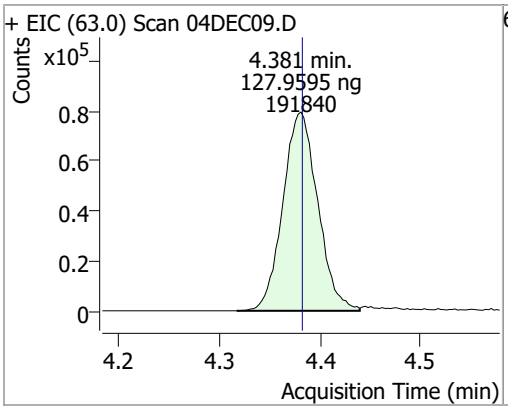
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	120.2457	3.75	0.00	119821	57.0	23.5	0.0	53.5

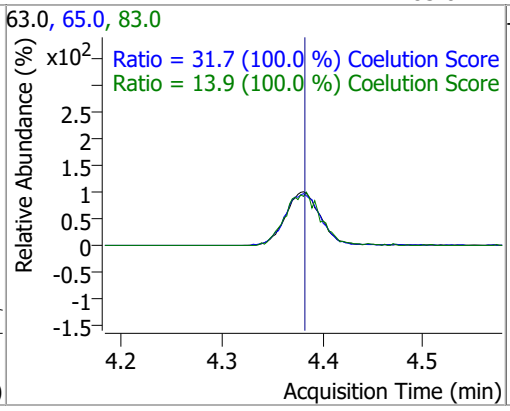


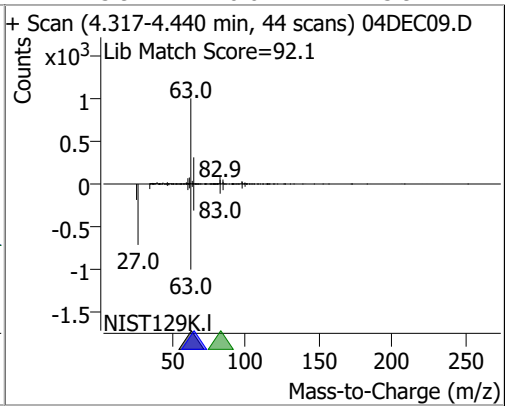




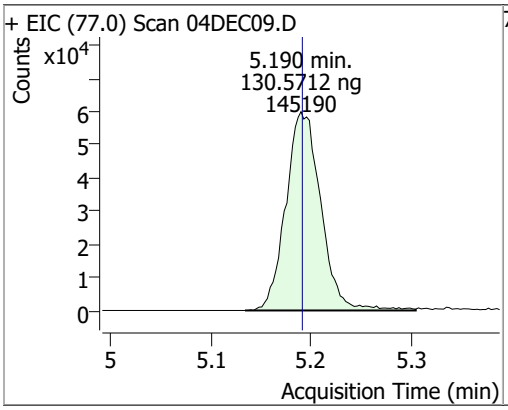
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	127.9595	4.38	0.00	191840	65.0	31.7	1.7	61.7
					83.0	13.9	0.0	43.9

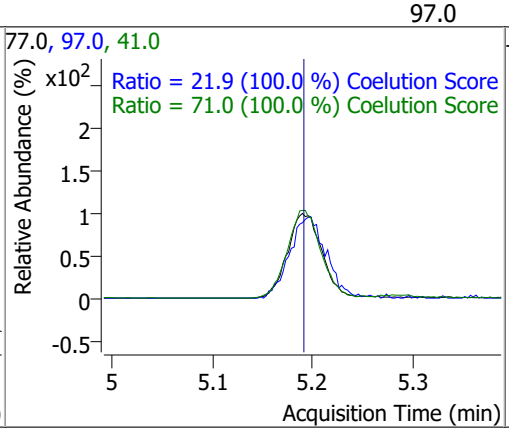


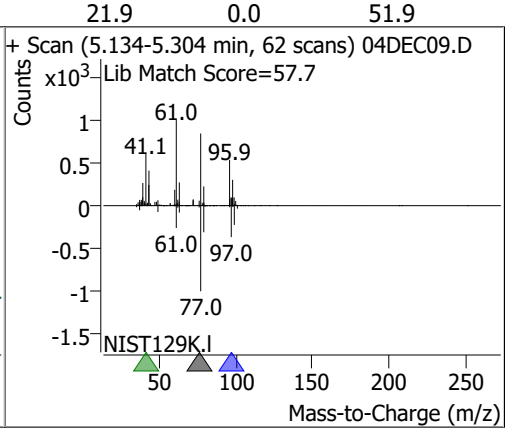




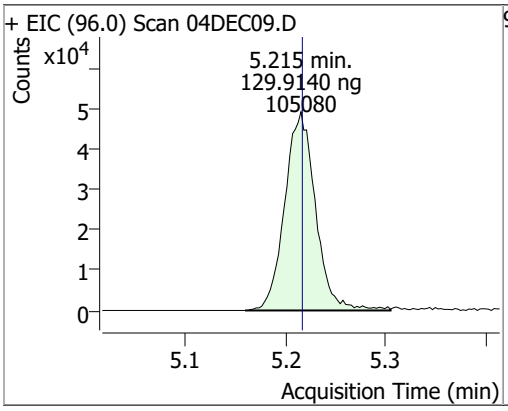
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	130.5712	5.19	0.00	145190	41.0	71.0	41.0	101.0
					97.0	21.9	0.0	51.9

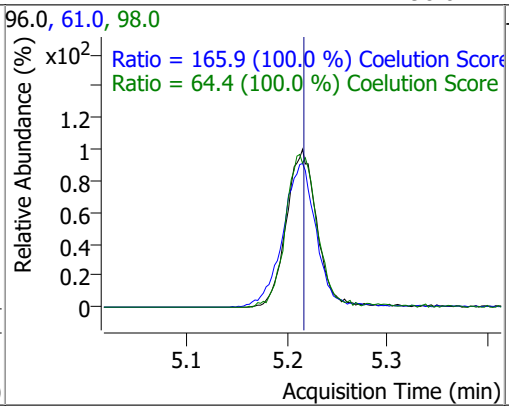


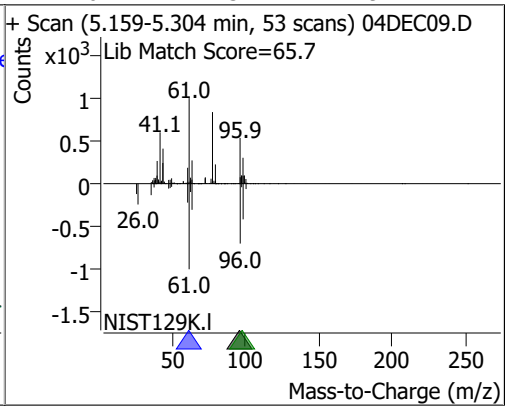




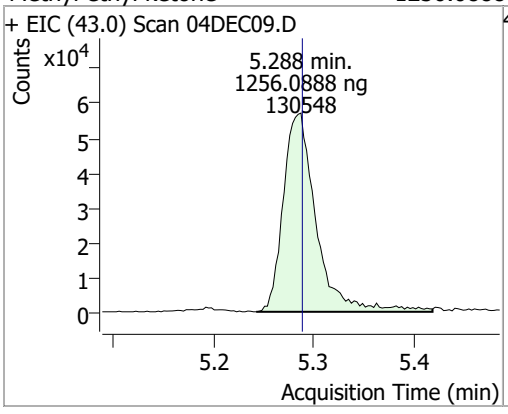
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	129.9140	5.22	0.00	105080	61.0	165.9	135.9	195.9
					98.0	64.4	34.4	94.4

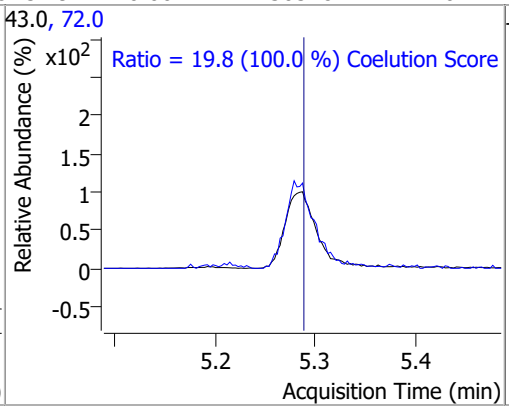


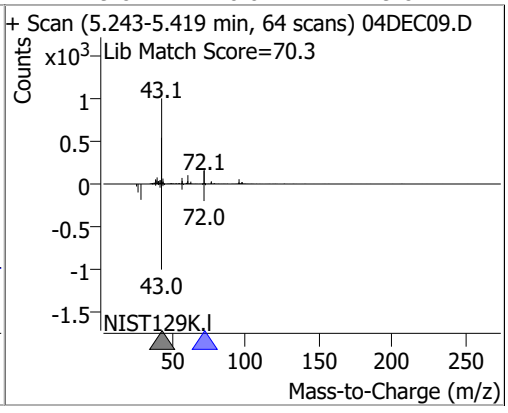




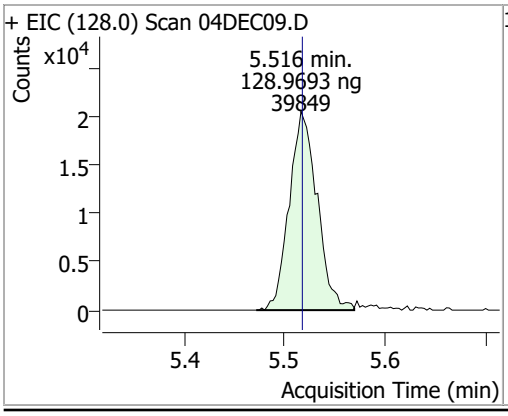
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1256.0888	5.29	0.00	130548	72.0	19.8	0.0	49.8

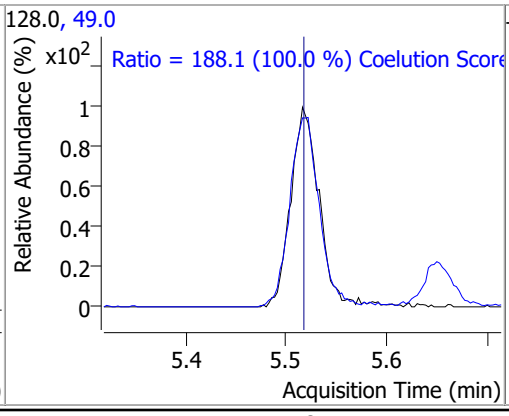


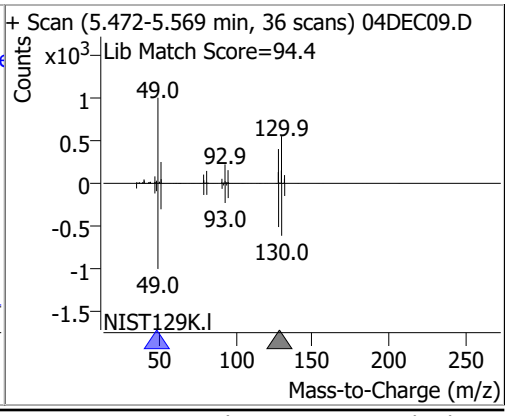




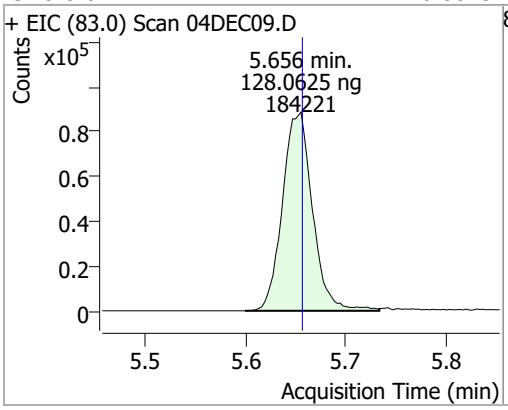
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	128.9693	5.52	0.00	39849	49.0	188.1	158.1	218.1

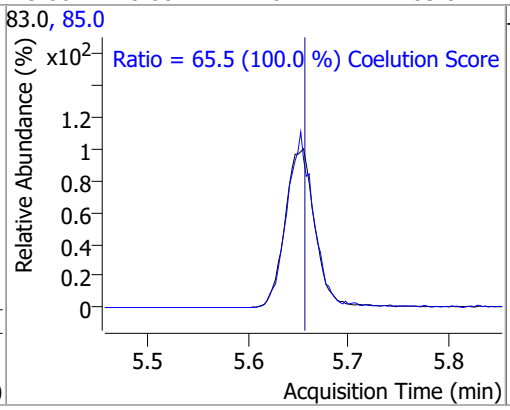


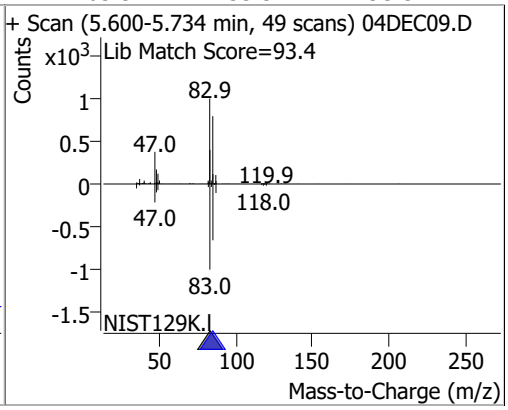




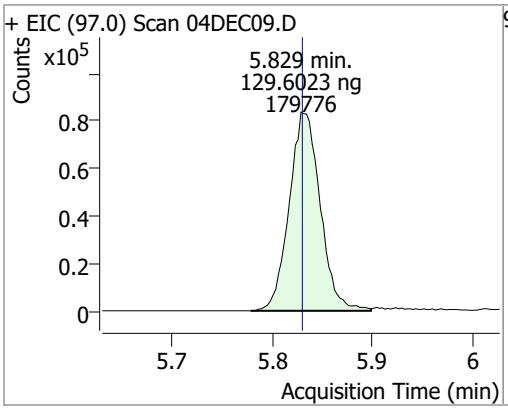
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	128.0625	5.66	0.00	184221	85.0	65.5	35.5	95.5

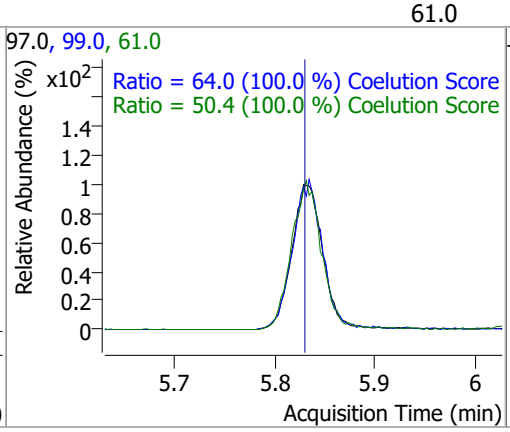


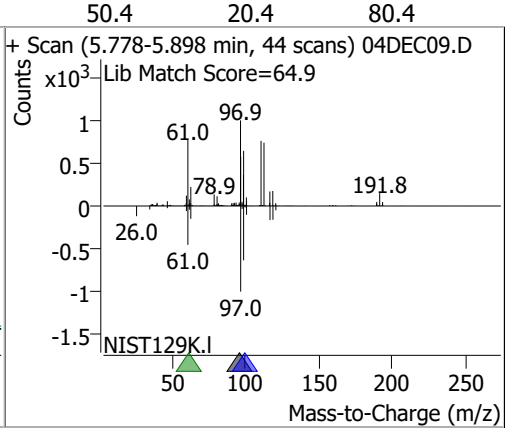




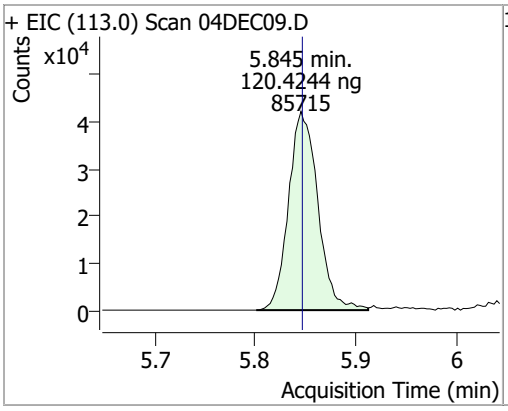
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	129.6023	5.83	0.00	179776	99.0	64.0	34.0	94.0
					61.0	50.4	20.4	80.4

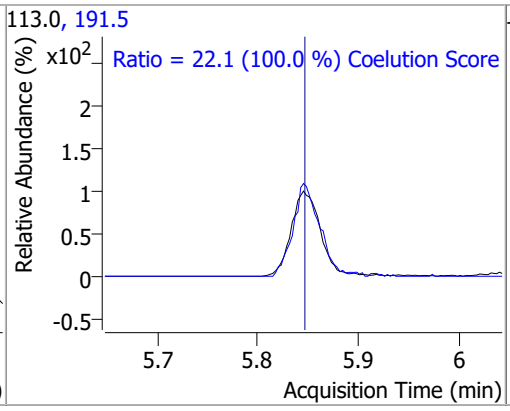


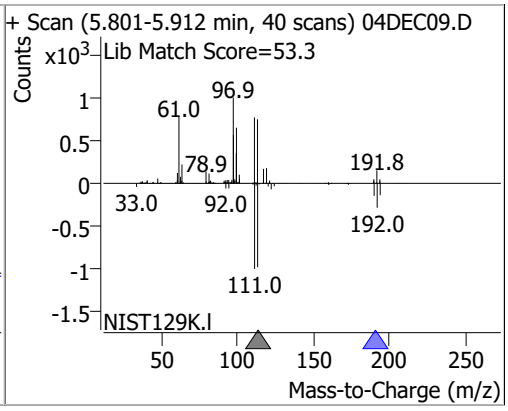




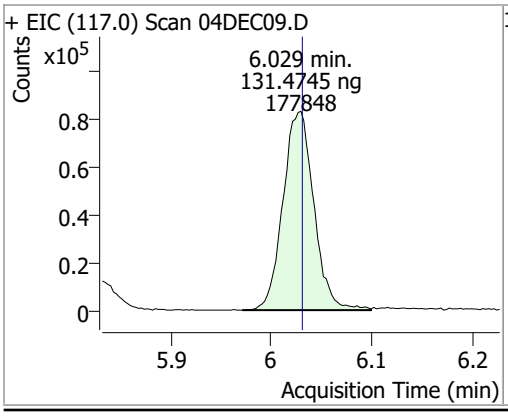
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	120.4244	5.85	0.00	85715	191.5	22.1	0.0	52.1

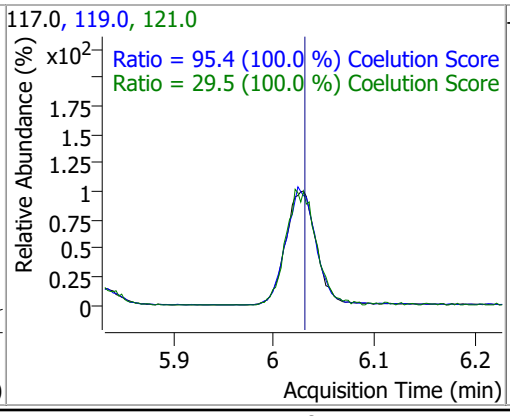


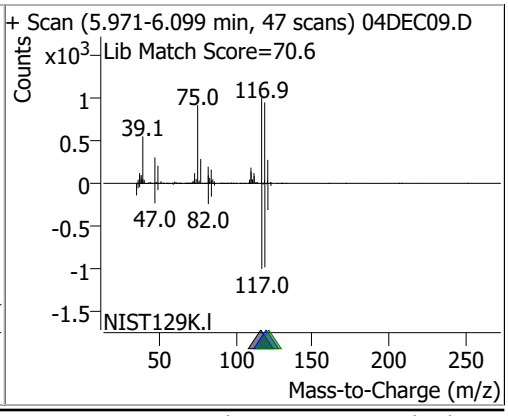




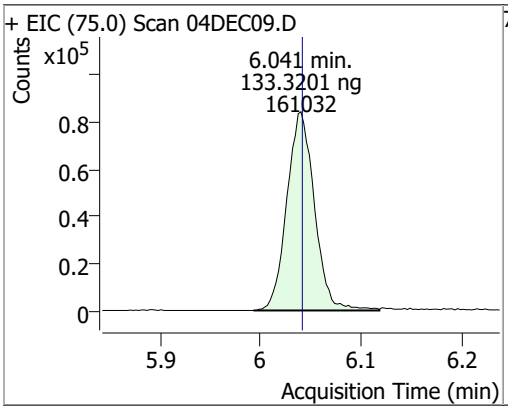
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	131.4745	6.03	0.00	177848	119.0	95.4	65.4	125.4
					121.0	29.5	0.0	59.5

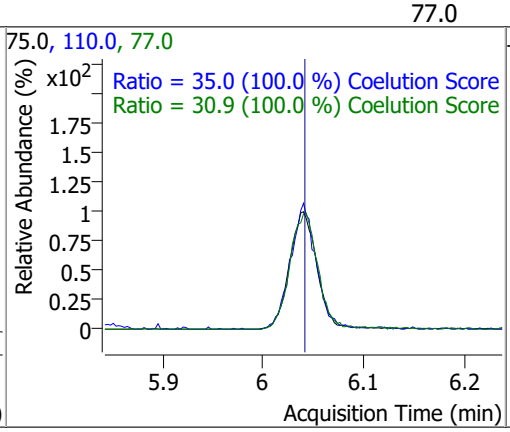


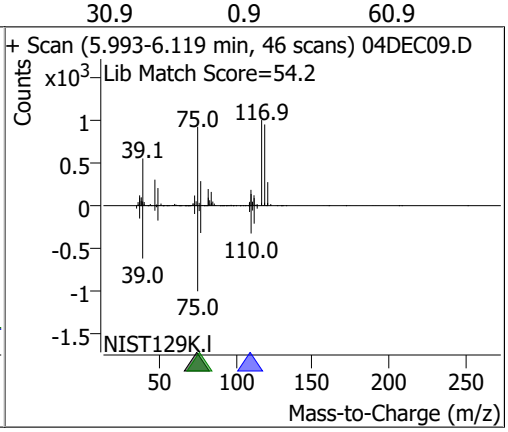




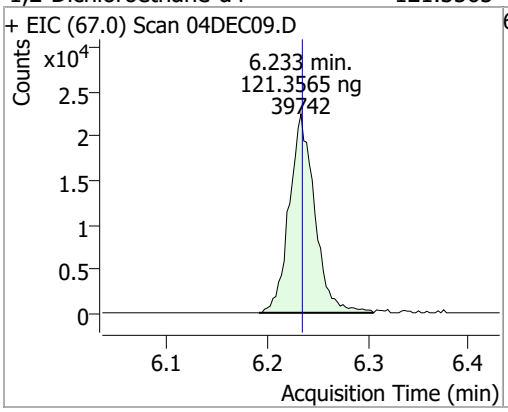
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	133.3201	6.04	0.00	161032	110.0	35.0	5.0	65.0
					77.0	30.9	0.9	60.9

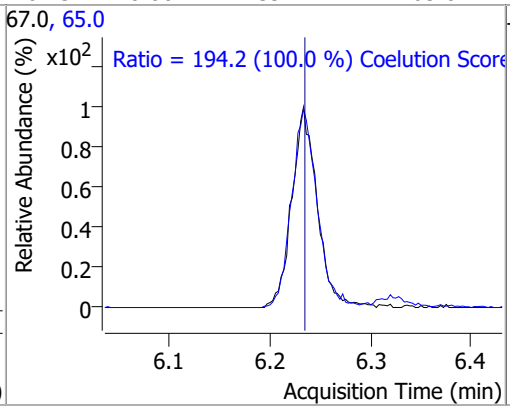


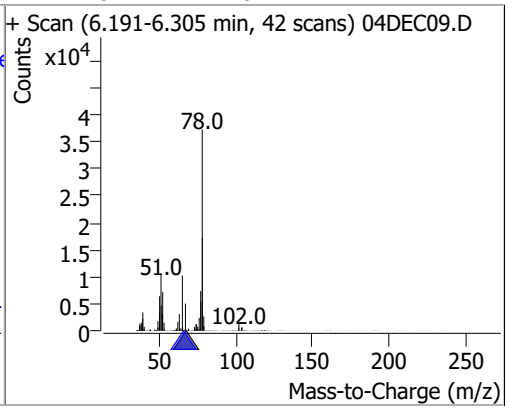




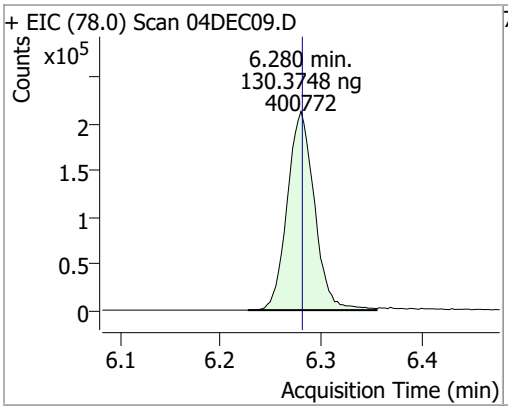
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	121.3565	6.23	0.00	39742	65.0	194.2	164.2	224.2

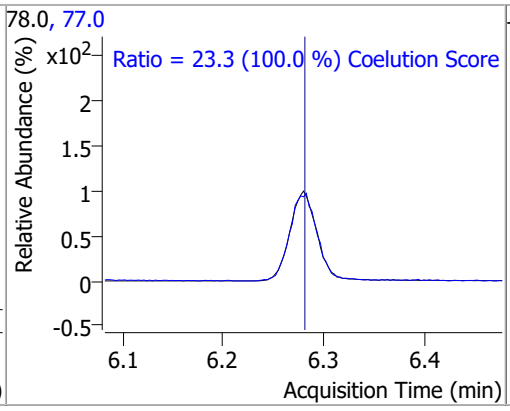


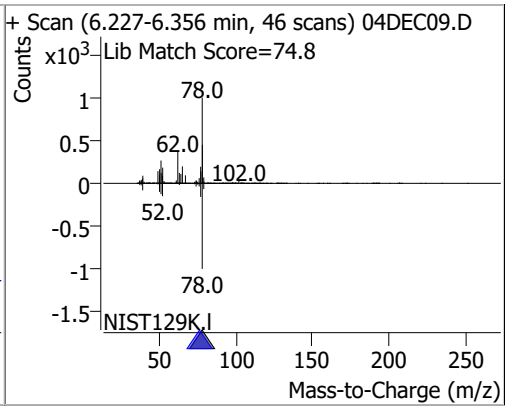




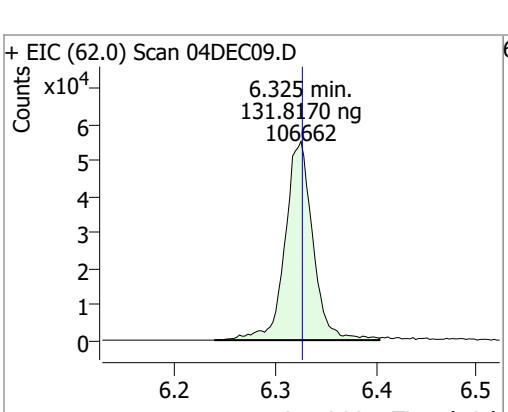
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	130.3748	6.28	0.00	400772	77.0	23.3	0.0	53.3

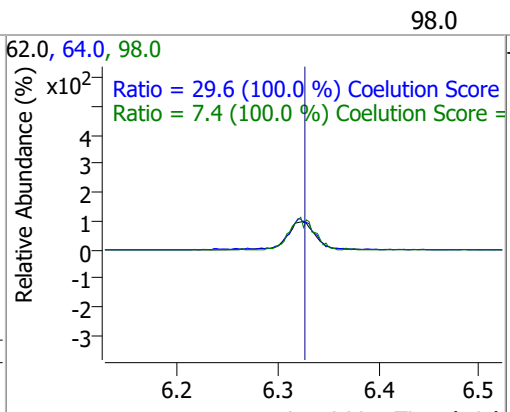


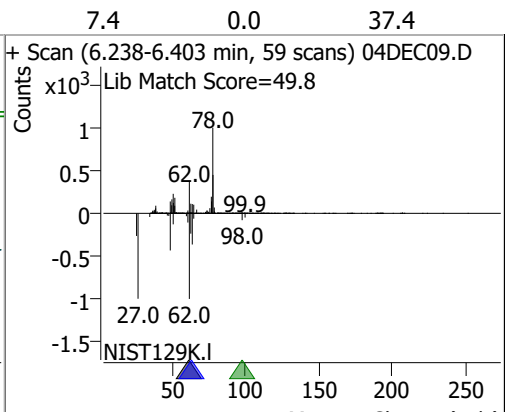




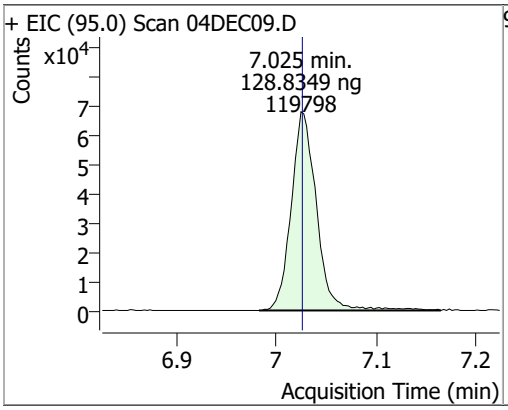
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	131.8170	6.32	0.00	106662	64.0	29.6	0.0	59.6
					98.0	7.4	0.0	37.4

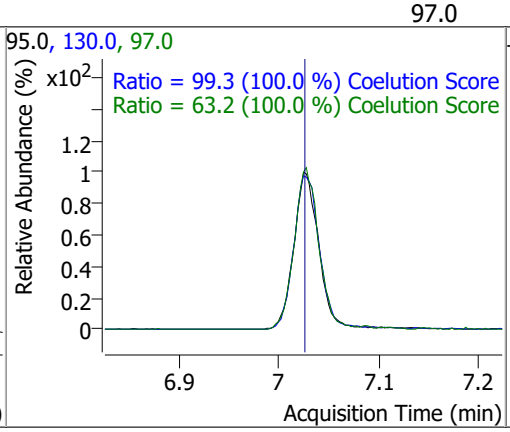


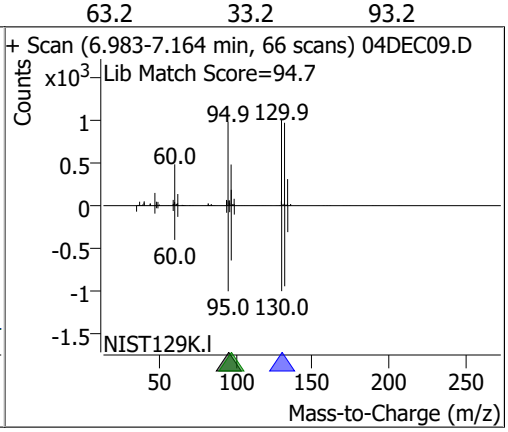




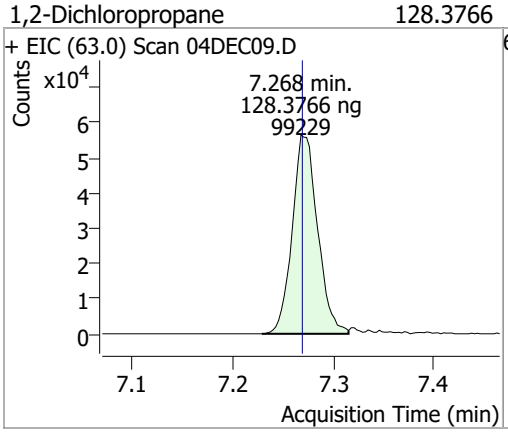
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	128.8349	7.02	0.00	119798	130.0	99.3	69.3	129.3
					97.0	63.2	33.2	93.2

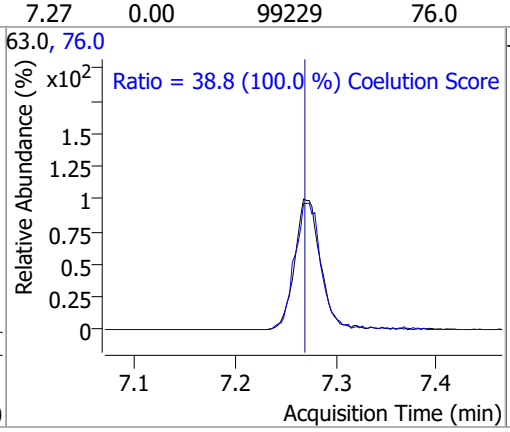


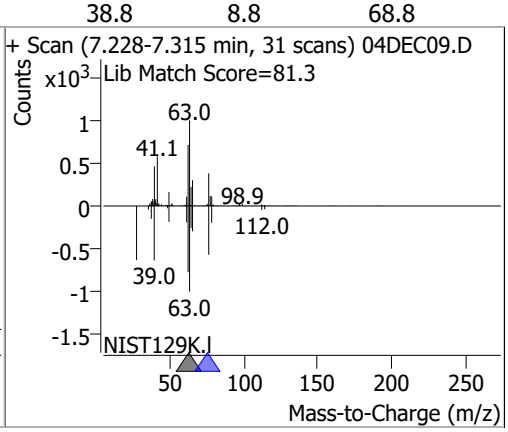




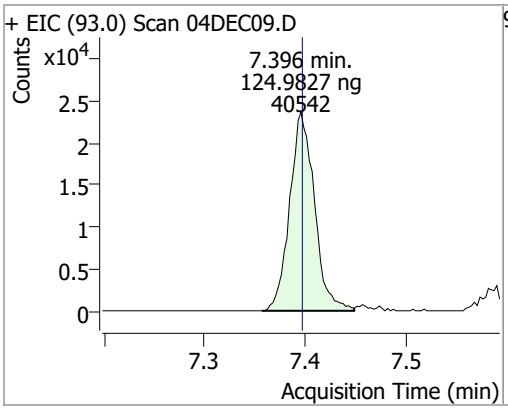
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	128.3766	7.27	0.00	99229	76.0	38.8	8.8	68.8

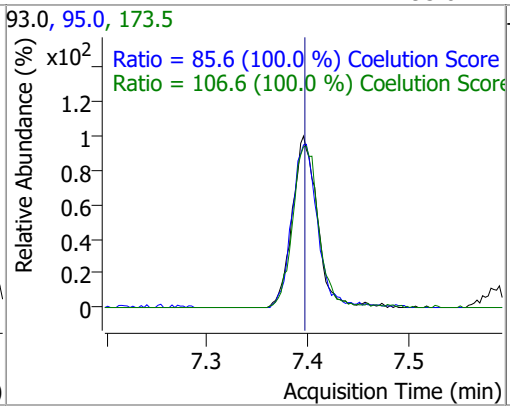


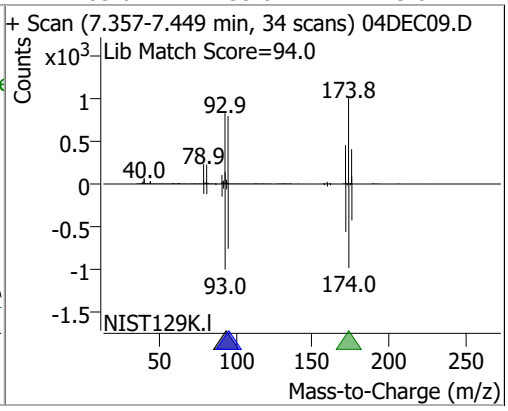




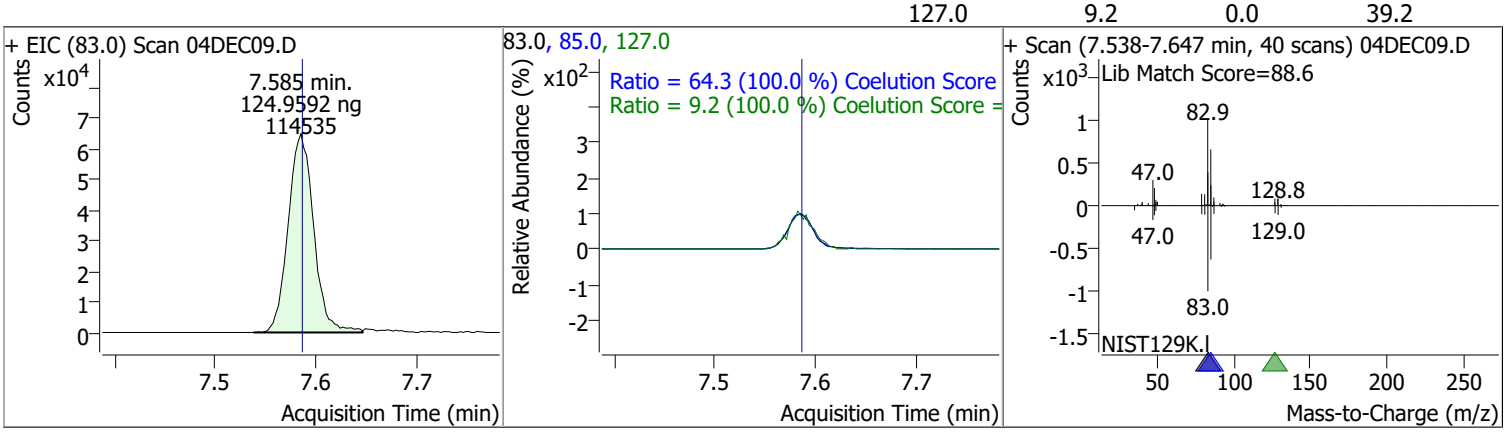
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	124.9827	7.40	0.00	40542	173.5	106.6	76.6	136.6
					95.0	85.6	55.6	115.6



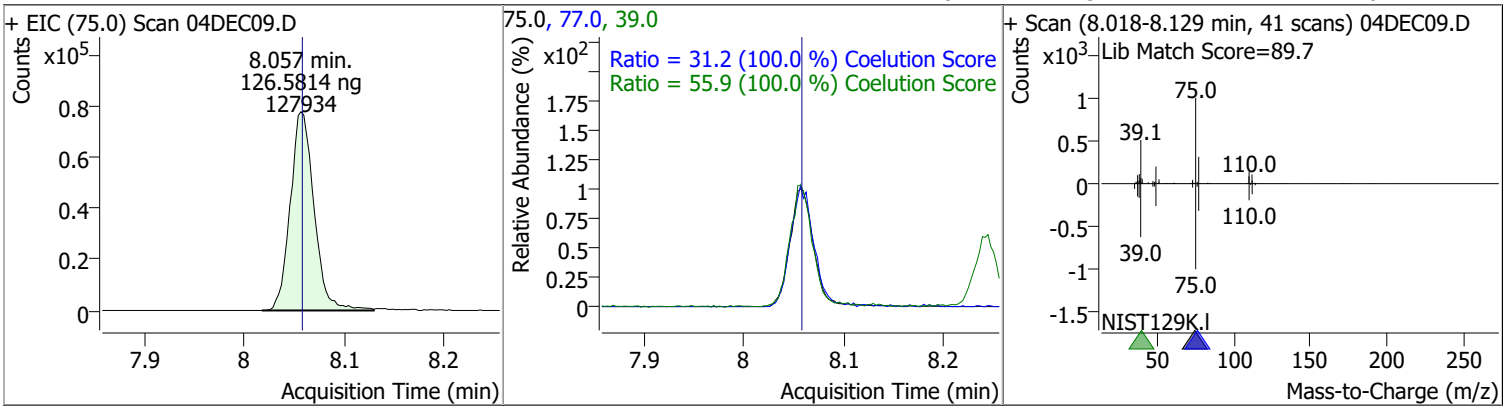




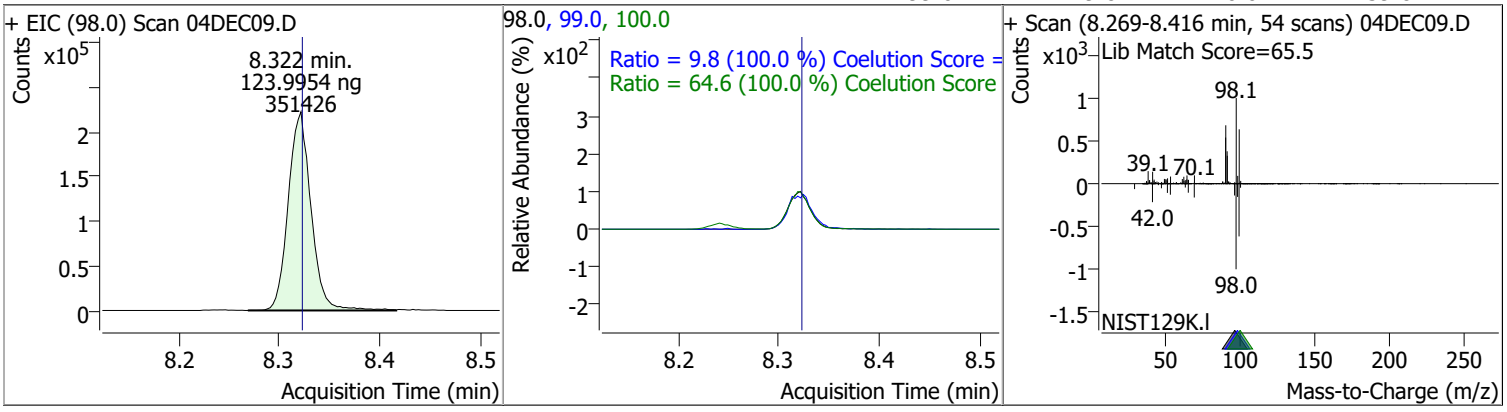
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	124.9592	7.59	0.00	114535	85.0	64.3	34.3	94.3
					127.0	9.2	0.0	39.2



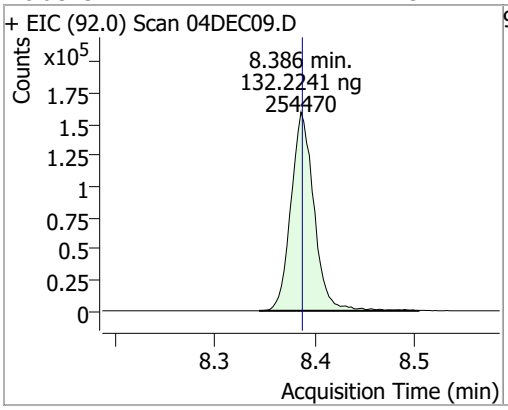
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	126.5814	8.06	0.00	127934	39.0	55.9	25.9	85.9
					77.0	31.2	1.2	61.2

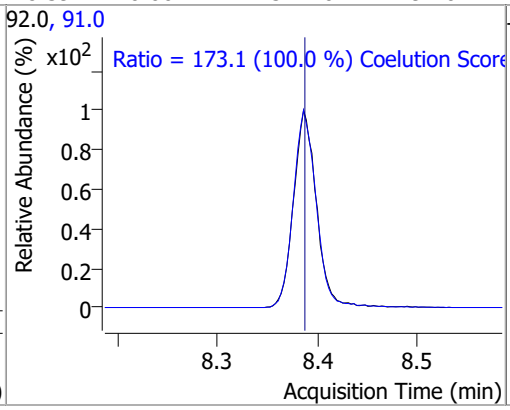


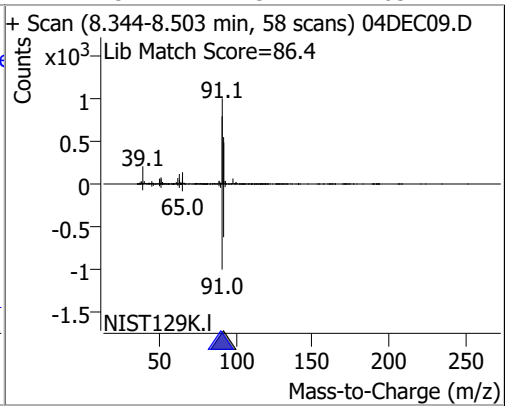
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	123.9954	8.32	0.00	351426	100.0	64.6	34.6	94.6
					99.0	9.8	0.0	39.8



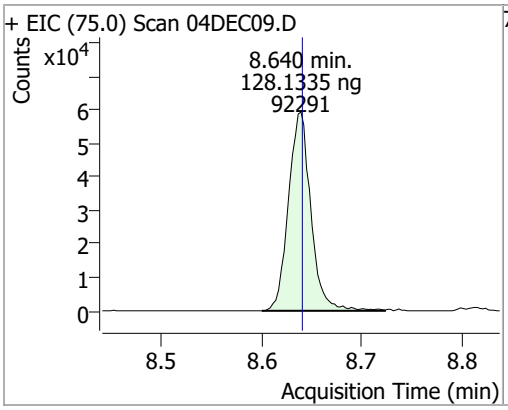
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	132.2241	8.39	0.00	254470	91.0	173.1	143.1	203.1

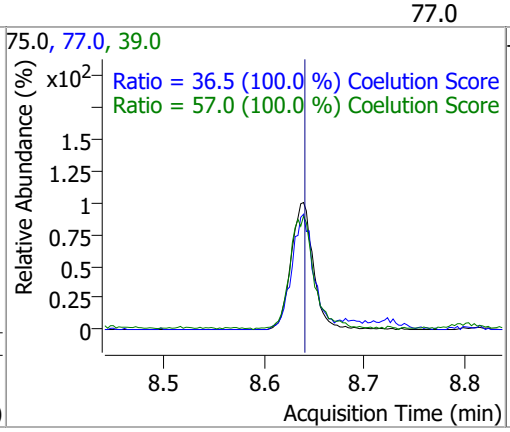


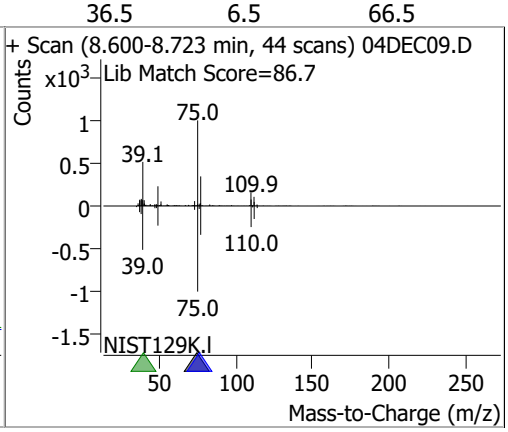




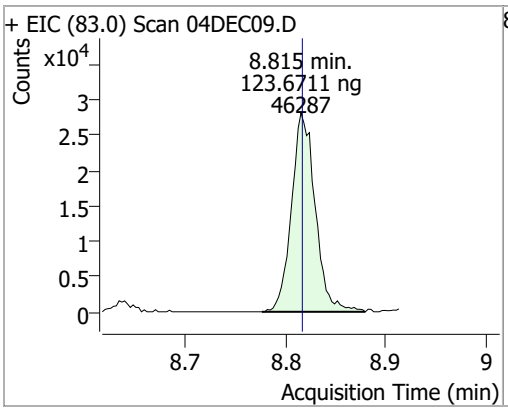
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	128.1335	8.64	0.00	92291	39.0	57.0	27.0	87.0
					77.0	36.5	6.5	66.5

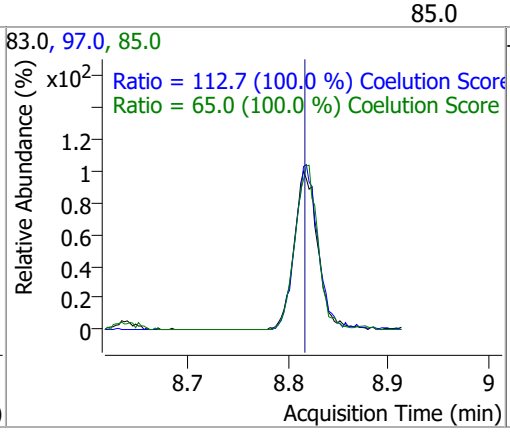


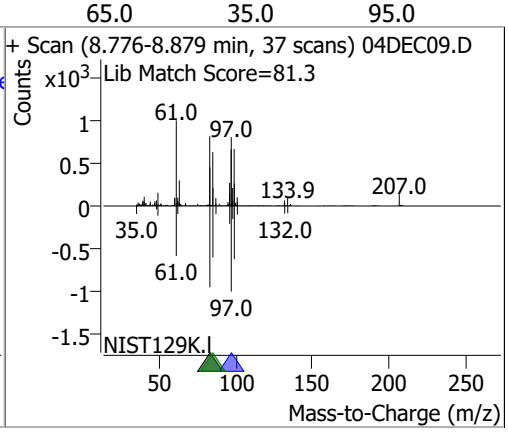




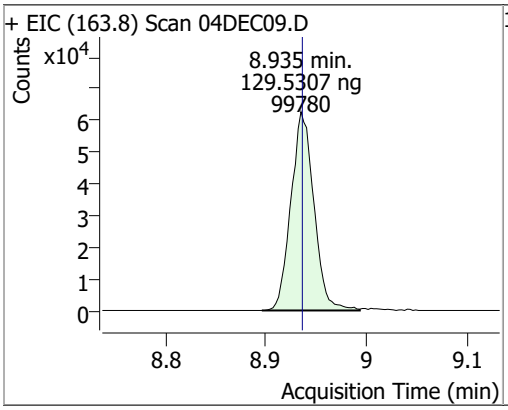
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	123.6711	8.82	0.00	46287	97.0	112.7	82.7	142.7
					85.0	65.0	35.0	95.0

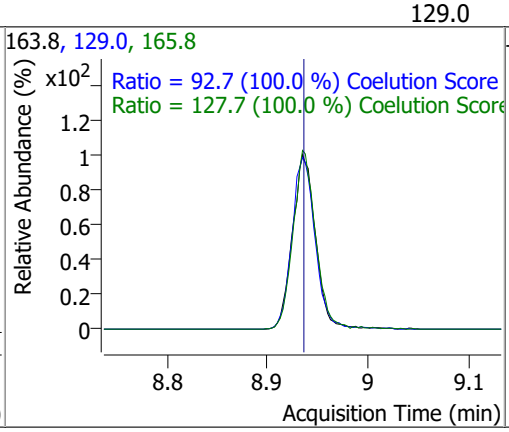


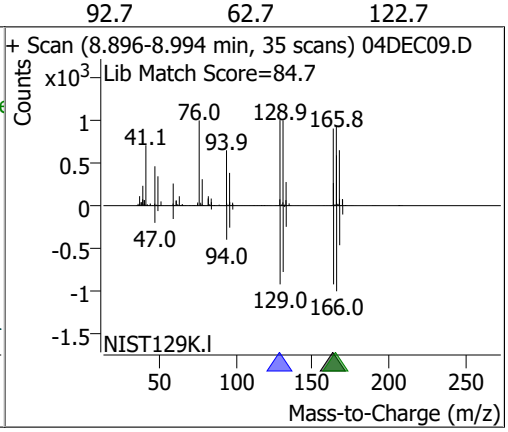




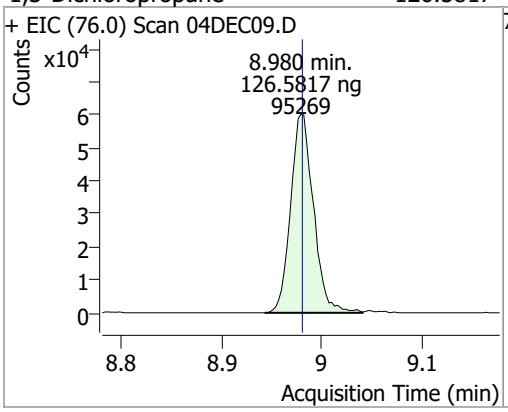
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	129.5307	8.94	0.00	99780	165.8	127.7	97.7	157.7
					129.0	92.7	62.7	122.7

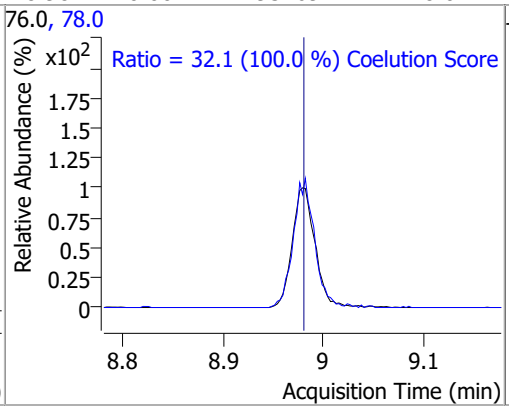


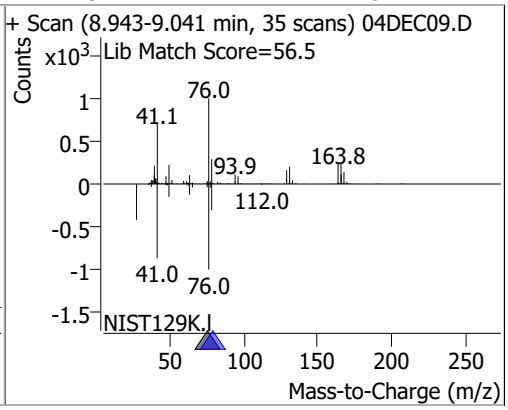




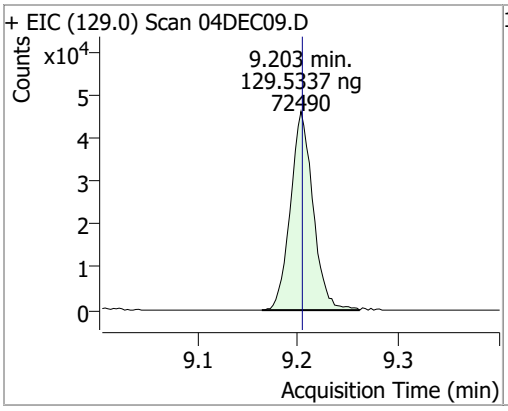
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	126.5817	8.98	0.00	95269	78.0	32.1	2.1	62.1

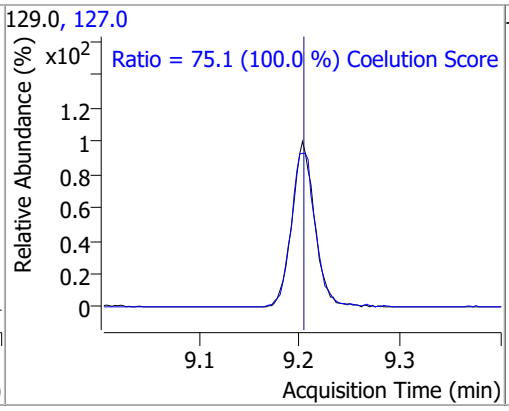


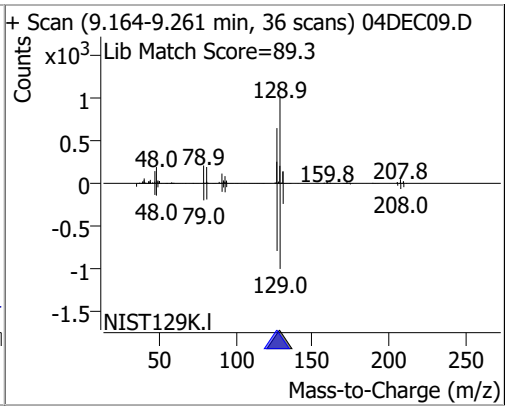




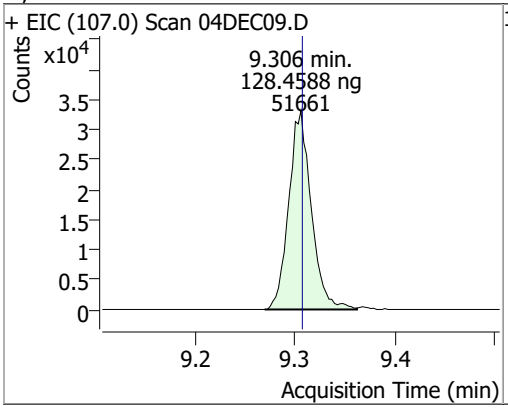
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	129.5337	9.20	0.00	72490	127.0	75.1	45.1	105.1

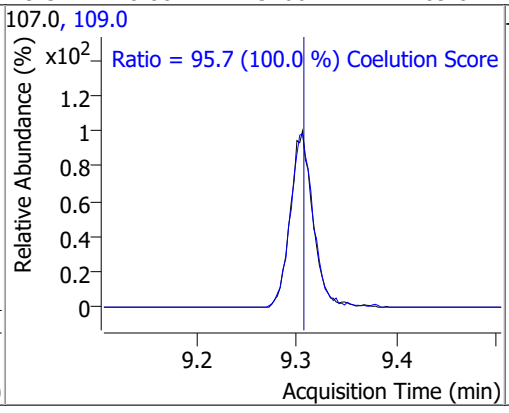


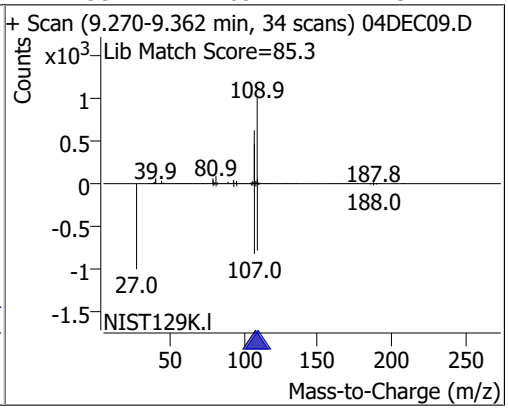




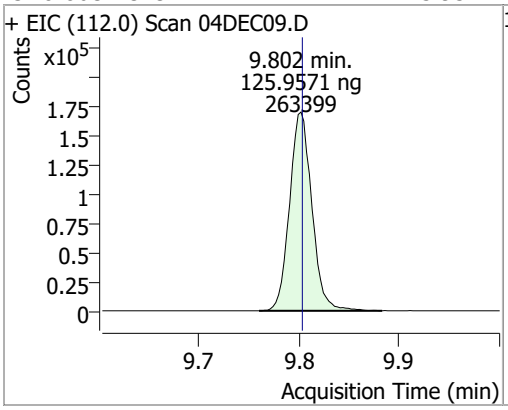
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	128.4588	9.31	0.00	51661	109.0	95.7	65.7	125.7

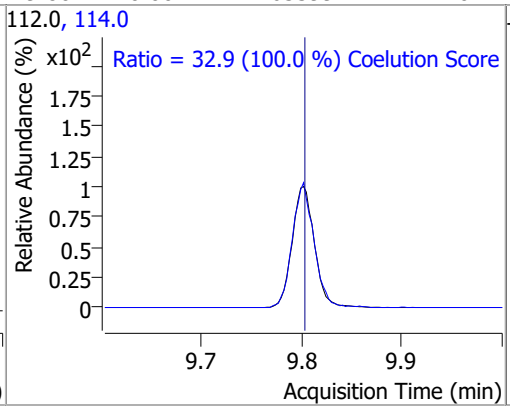


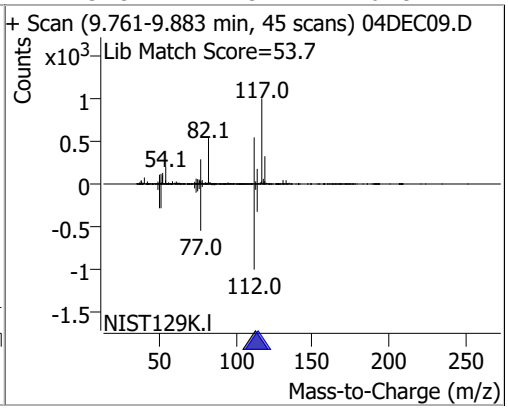




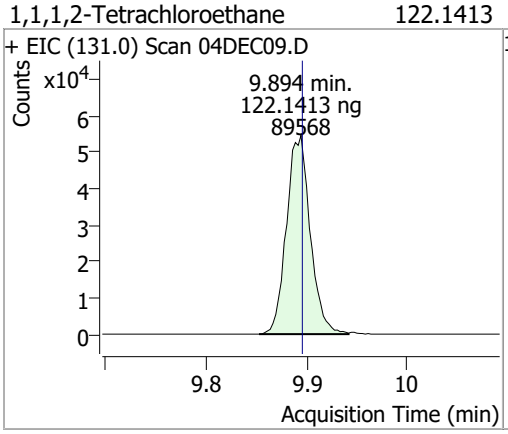
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	125.9571	9.80	0.00	263399	114.0	32.9	2.9	62.9

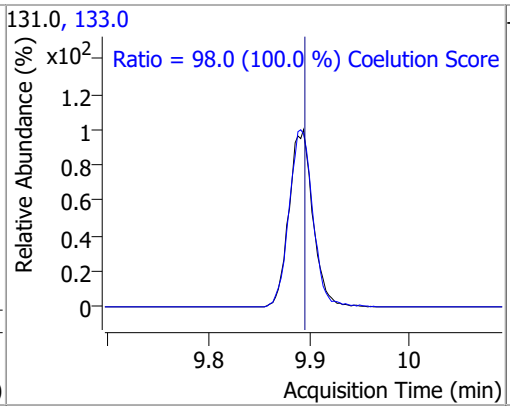


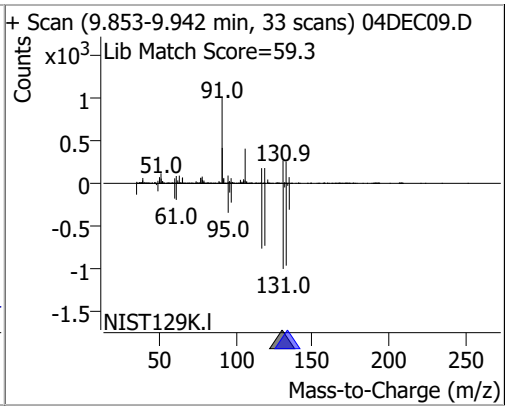




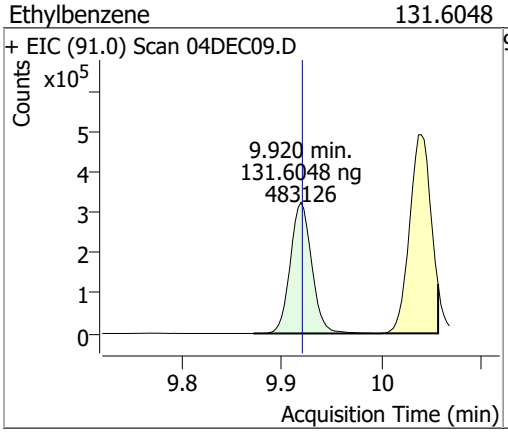
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	122.1413	9.89	0.00	89568	133.0	98.0	68.0	128.0

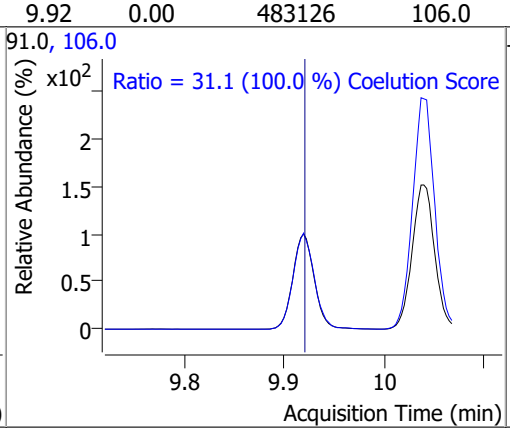


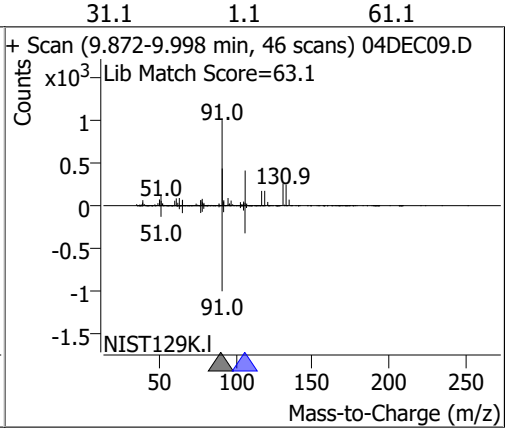




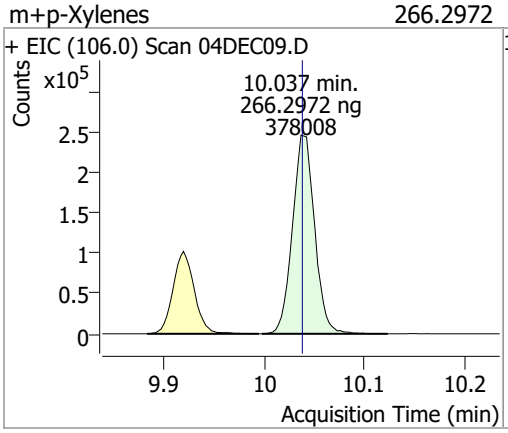
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	131.6048	9.92	0.00	483126	106.0	31.1	1.1	61.1

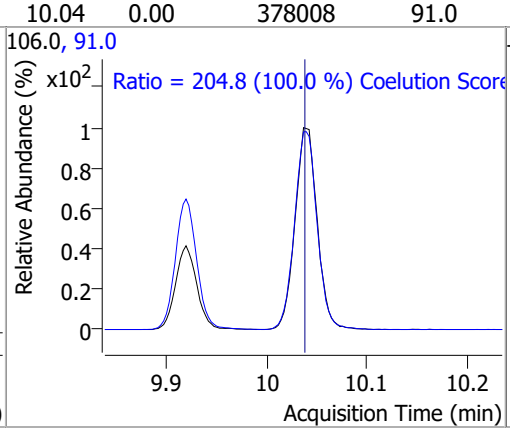


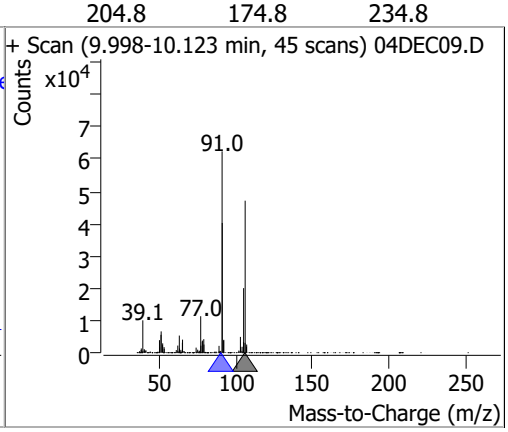




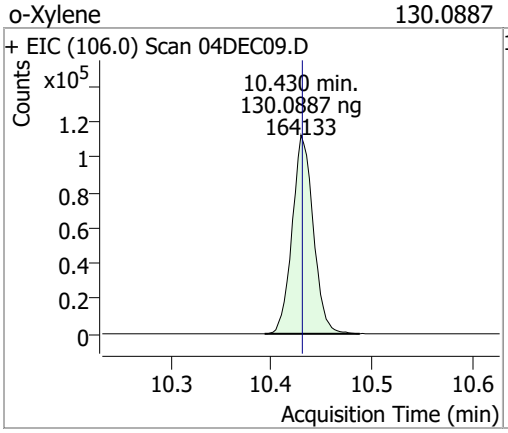
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	266.2972	10.04	0.00	378008	91.0	204.8	174.8	234.8

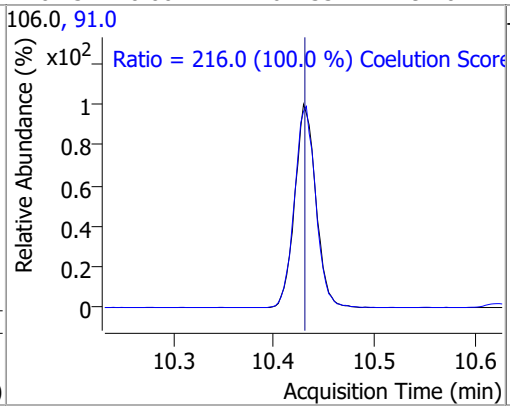


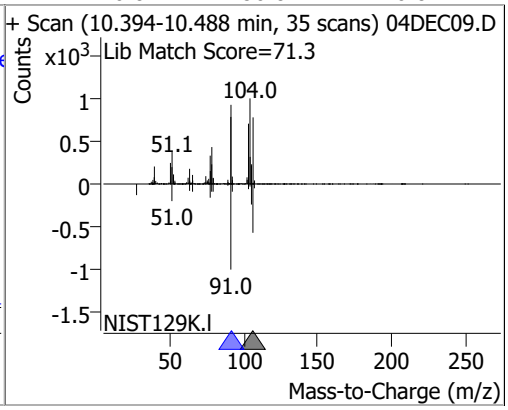




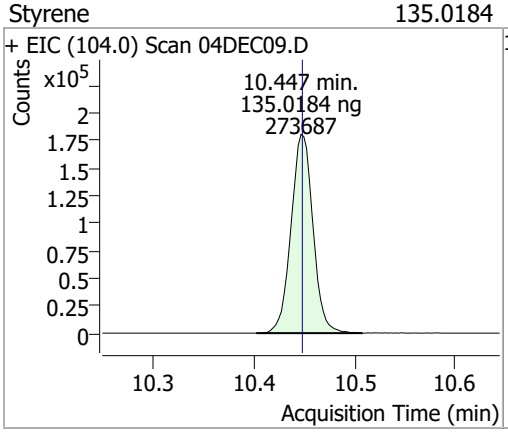
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	130.0887	10.43	0.00	164133	91.0	216.0	186.0	246.0

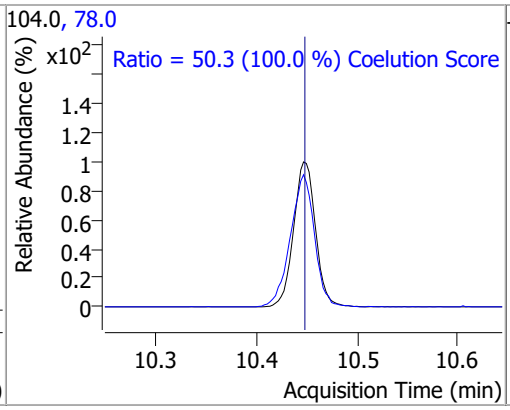


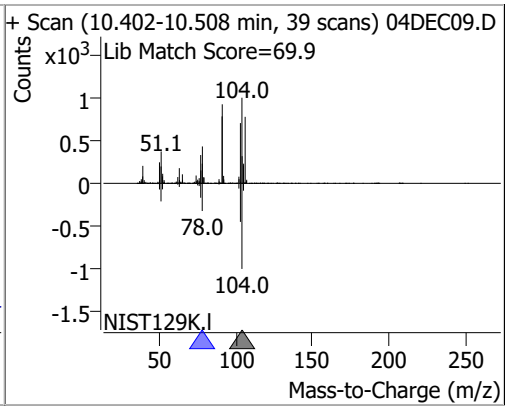




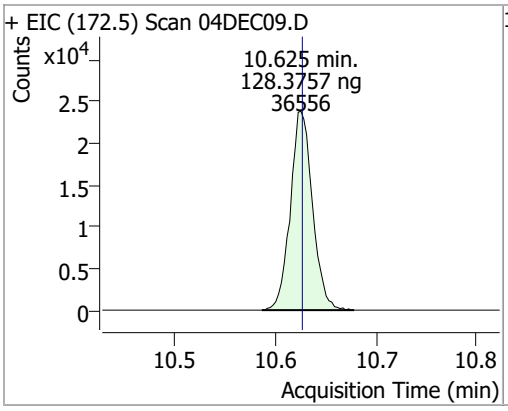
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	135.0184	10.45	0.00	273687	78.0	50.3	20.3	80.3

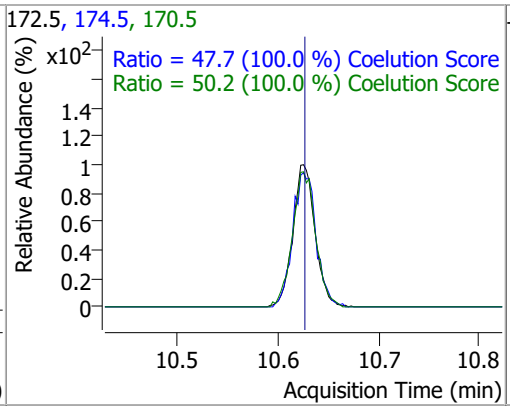


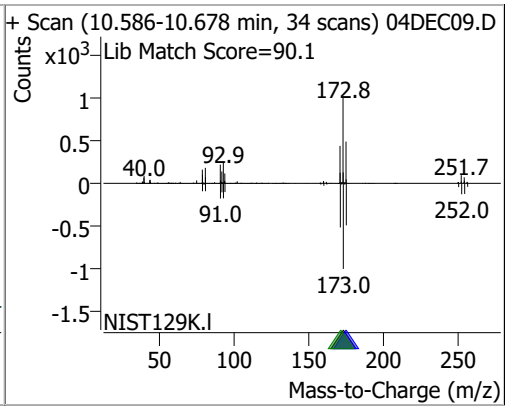




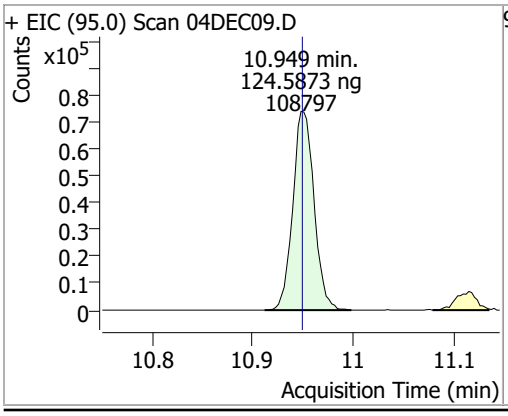
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	128.3757	10.63	0.00	36556	170.5	50.2	20.2	80.2
					174.5	47.7	17.7	77.7

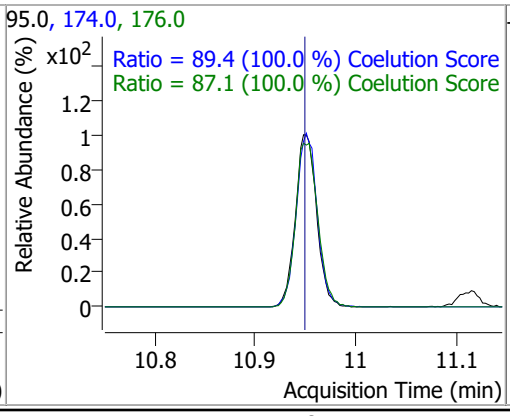


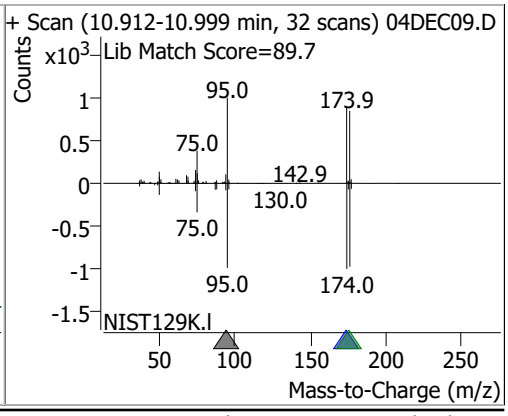




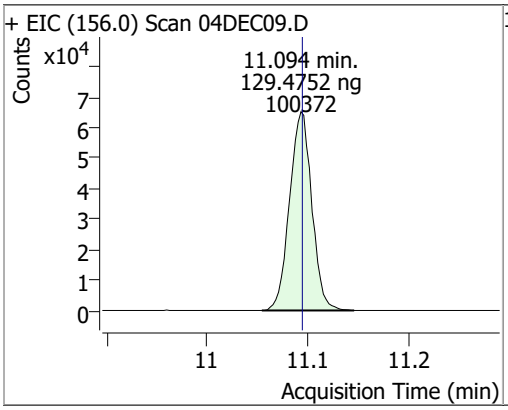
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	124.5873	10.95	0.00	108797	174.0	89.4	59.4	119.4
					176.0	87.1	57.1	117.1

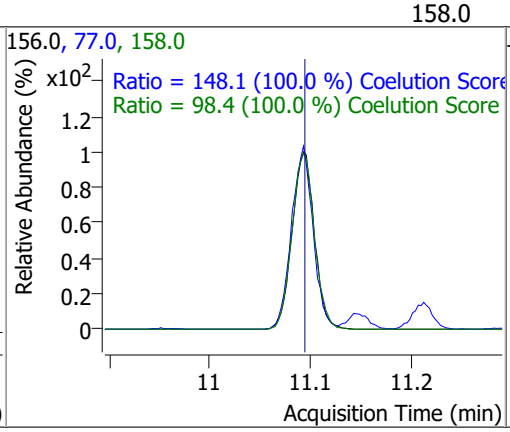


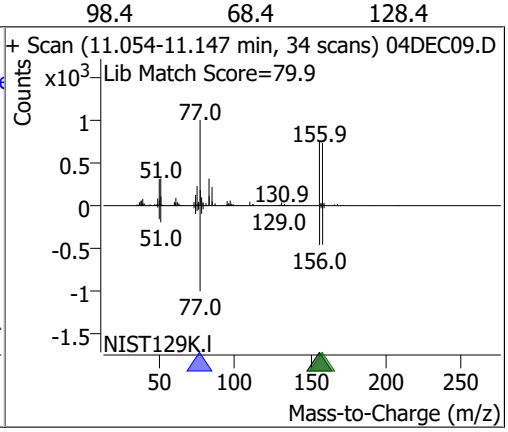




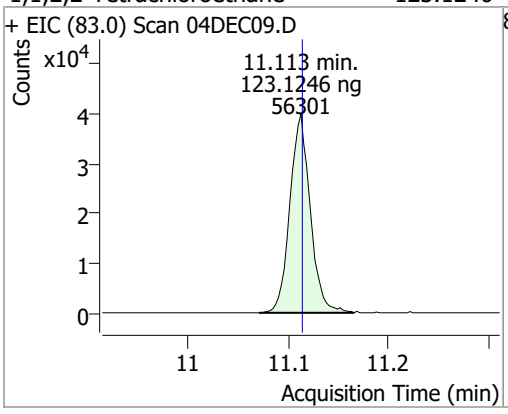
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	129.4752	11.09	0.00	100372	77.0	148.1	118.1	178.1
					158.0	98.4	68.4	128.4

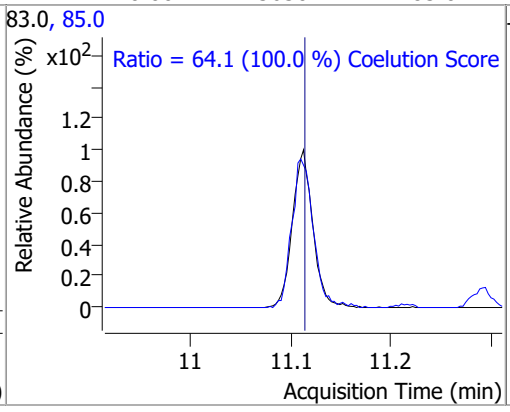


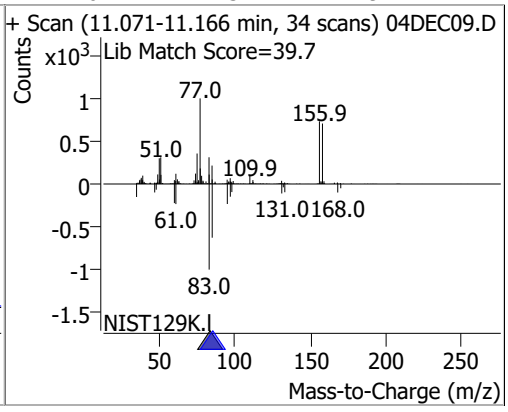




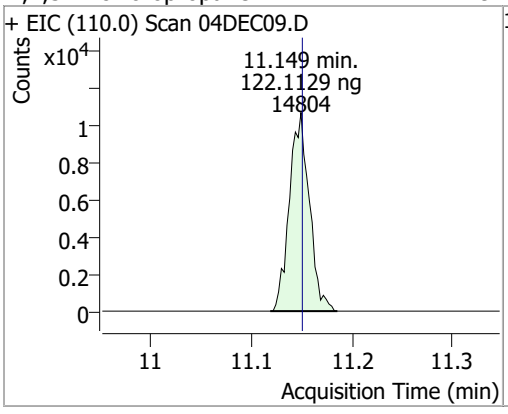
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	123.1246	11.11	0.00	56301	85.0	64.1	34.1	94.1

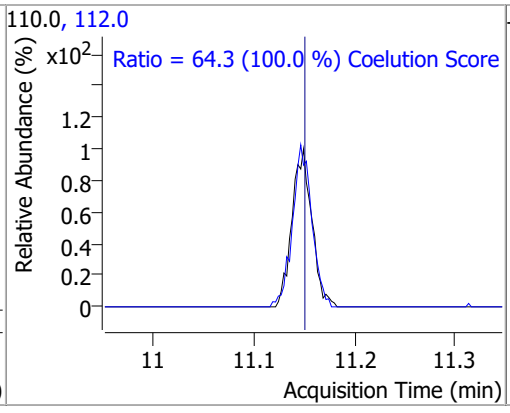


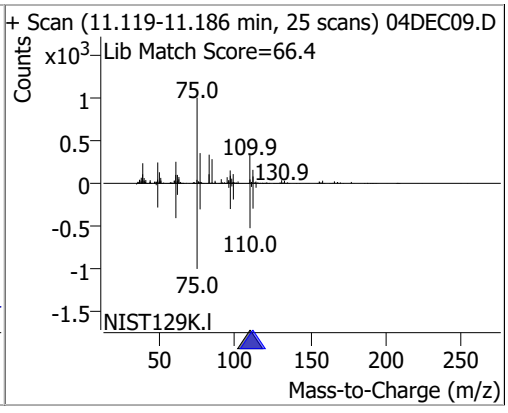




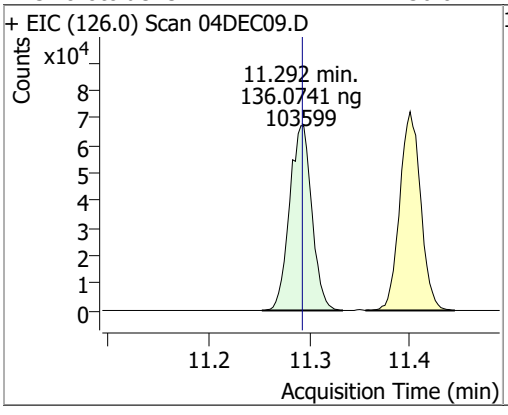
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	122.1129	11.15	0.00	14804	112.0	64.3	34.3	94.3

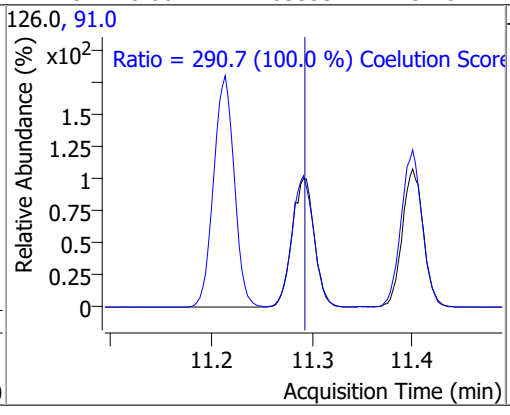


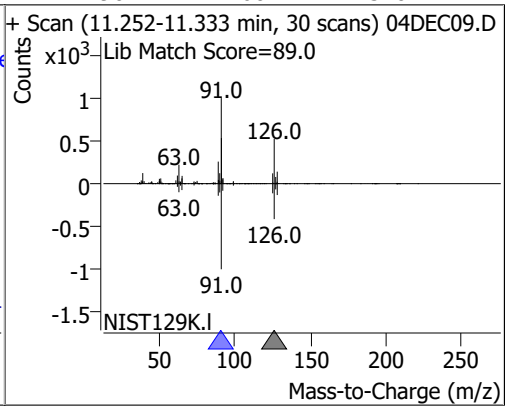




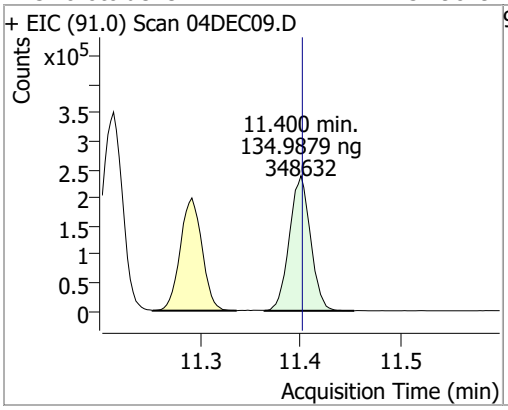
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	136.0741	11.29	0.00	103599	91.0	290.7	260.7	320.7

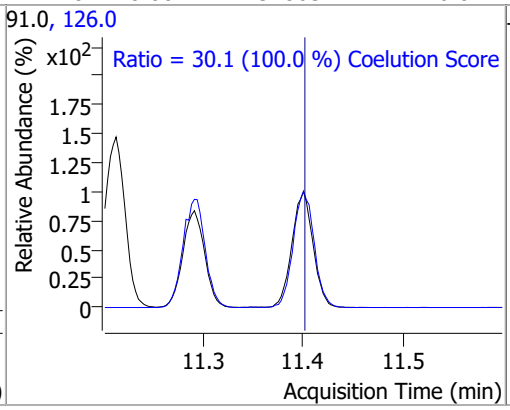


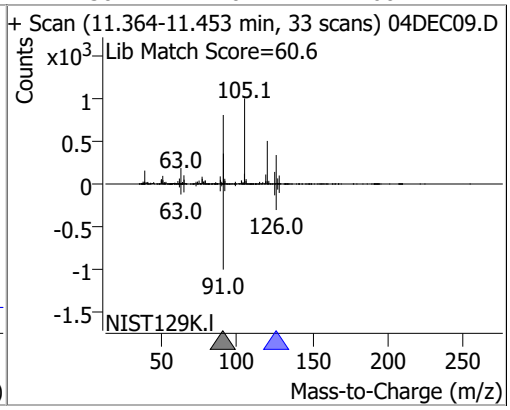




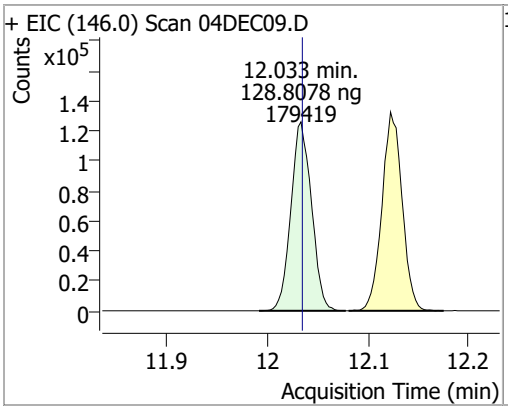
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	134.9879	11.40	0.00	348632	126.0	30.1	0.1	60.1

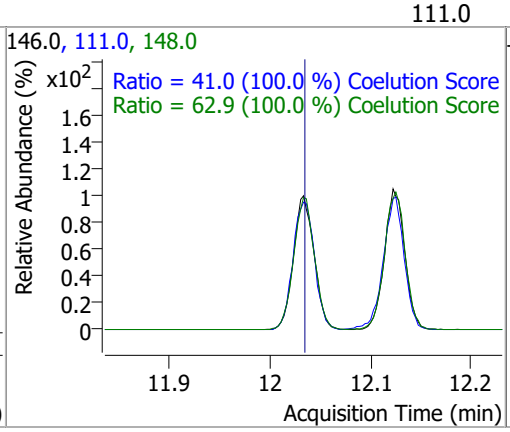


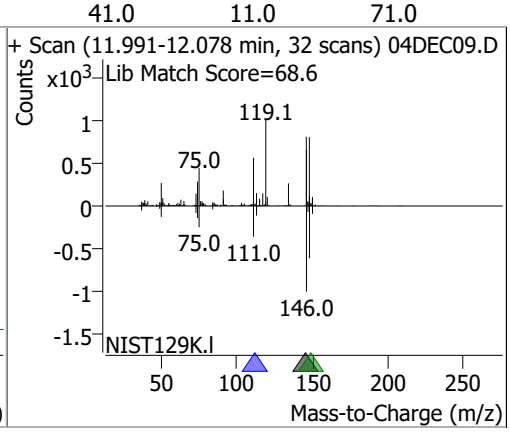




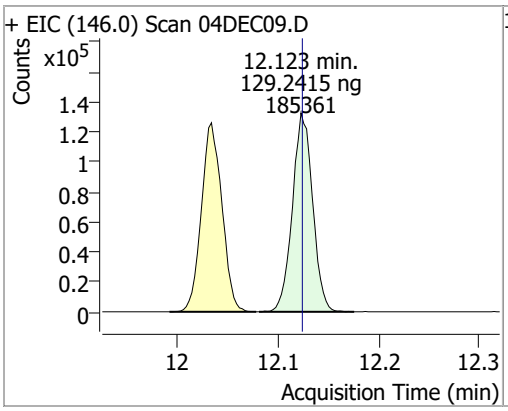
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	128.8078	12.03	0.00	179419	148.0	62.9	32.9	92.9
					111.0	41.0	11.0	71.0

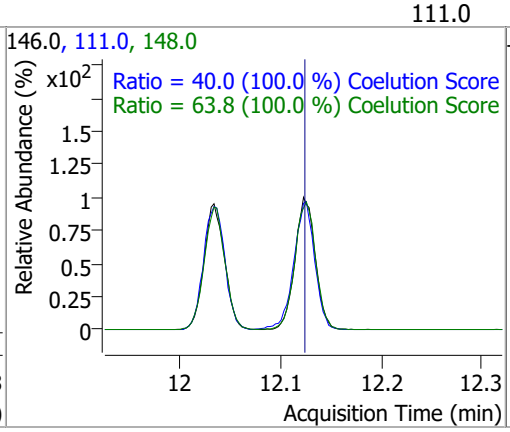


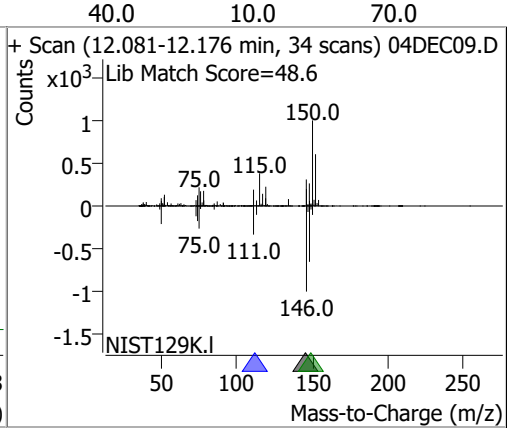




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	129.2415	12.12	0.00	185361	148.0	63.8	33.8	93.8
					111.0	40.0	10.0	70.0

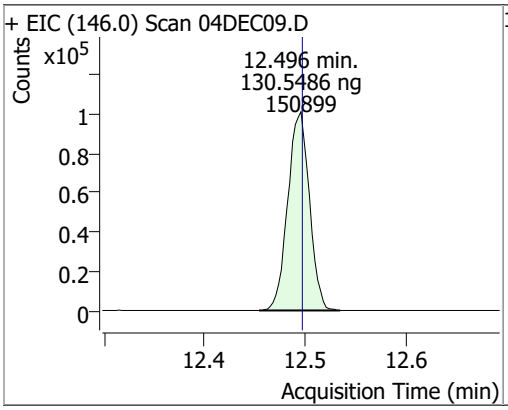


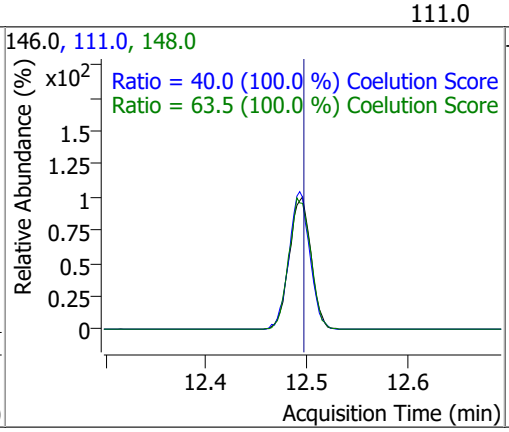


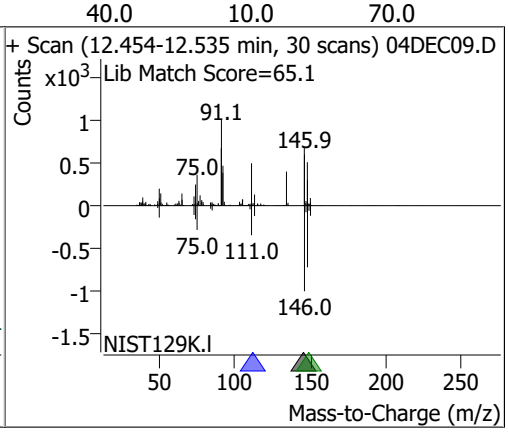


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	130.5486	12.50	0.00	150899	148.0	63.5	33.5	93.5
					111.0	40.0	10.0	70.0



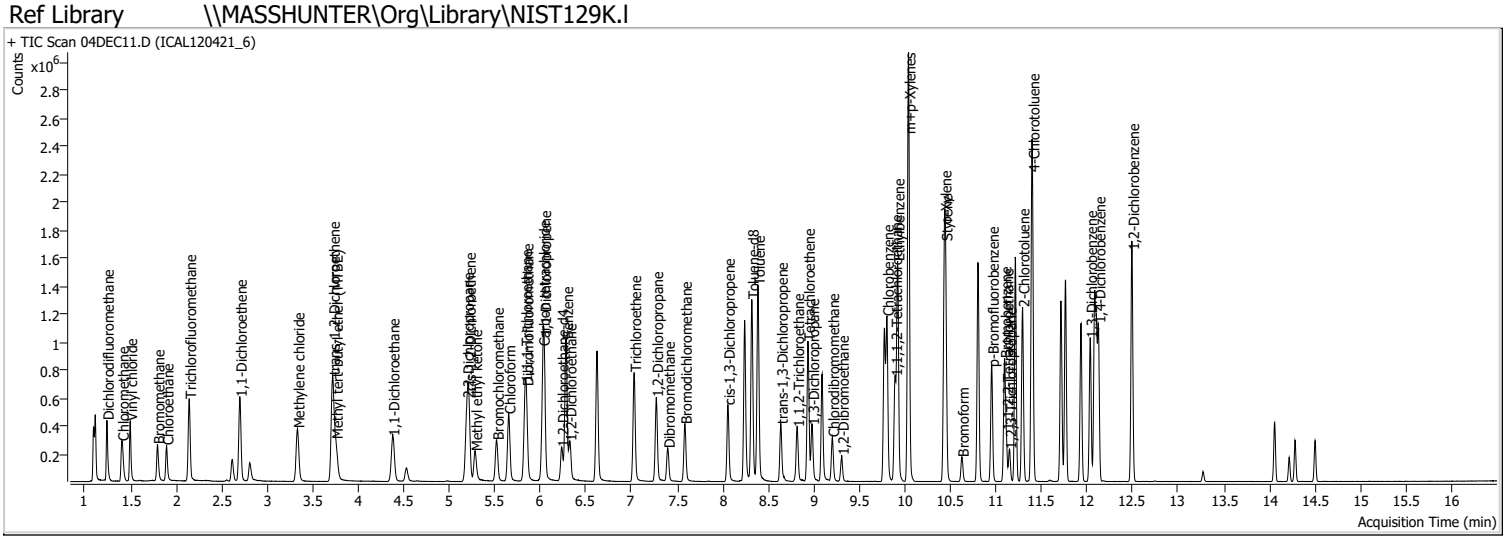




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04DEC11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 4:14:52 PM
Sample Name	ICAL120421_6	Instrument	VOA5975C
Vial	11	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

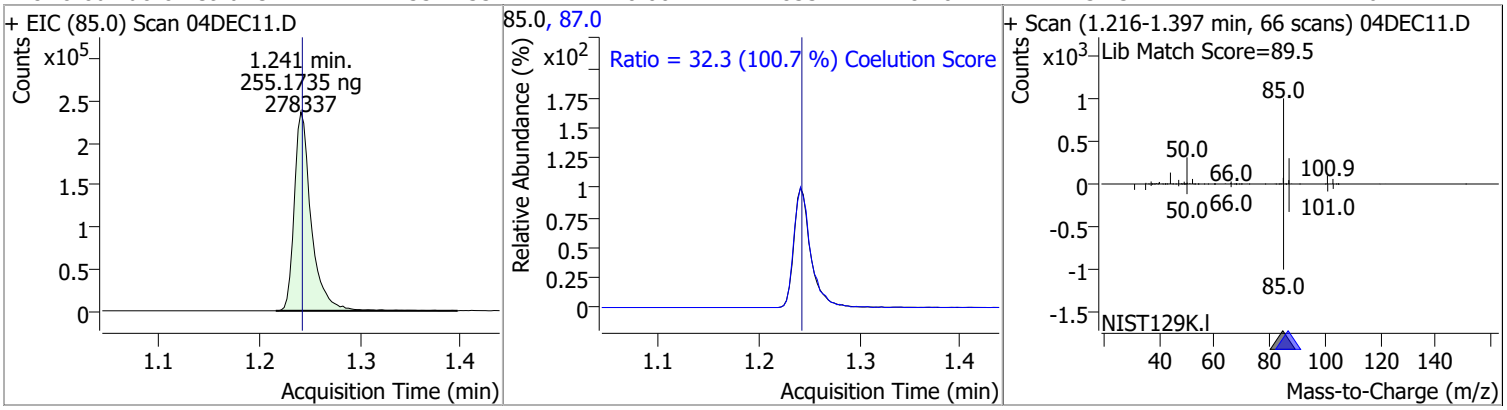


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	790419	250.0000	ng	0.000
M Chlorobenzene-d5	9.772	82.0	295366	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	242532	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	191660	254.6039	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 101.84%		
S 1,2-Dichloroethane-d4	6.230	67.0	85232	246.0889	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 98.44%		
S Toluene-d8	8.319	98.0	790910	271.0773	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 108.43%		
S p-Bromofluorobenzene	10.954	95.0	241205	259.1087	ng	0.005
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.64%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	1.241	85.0	278337	255.1735	ng	100
T Chloromethane	1.406	50.0	315266	251.3683	ng	99
T Vinyl chloride	1.498	62.0	304787	254.6940	ng	99
T Bromomethane	1.796	96.0	127901	252.6880	ng	98
T Chloroethane	1.897	64.0	164542	247.0844	ng	99
T Trichlorofluoromethane	2.145	101.0	402331	257.2006	ng	98
T 1,1-Dichloroethene	2.700	96.0	207100	247.8566	ng	99
T Methylene chloride	3.333	49.0	274037	236.6873	ng	98
T trans-1,2-Dichloroethene	3.720	96.0	207904	249.1695	ng	100
T Methyl tert-butyl ether (MTBE)	3.754	73.0	266566	252.9398	ng	98
T 1,1-Dichloroethane	4.376	63.0	397738	250.8456	ng	98
T 2,2-Dichloropropane	5.193	77.0	295631	251.3834	ng	99
T cis-1,2-Dichloroethene	5.212	96.0	218645	255.5945	ng	98
T Methyl ethyl ketone	5.282	43.0	293155	2667.0023	ng	97
T Bromochloromethane	5.519	128.0	80813	247.3011	ng	96
T Chloroform	5.650	83.0	381056	250.4652	ng	99

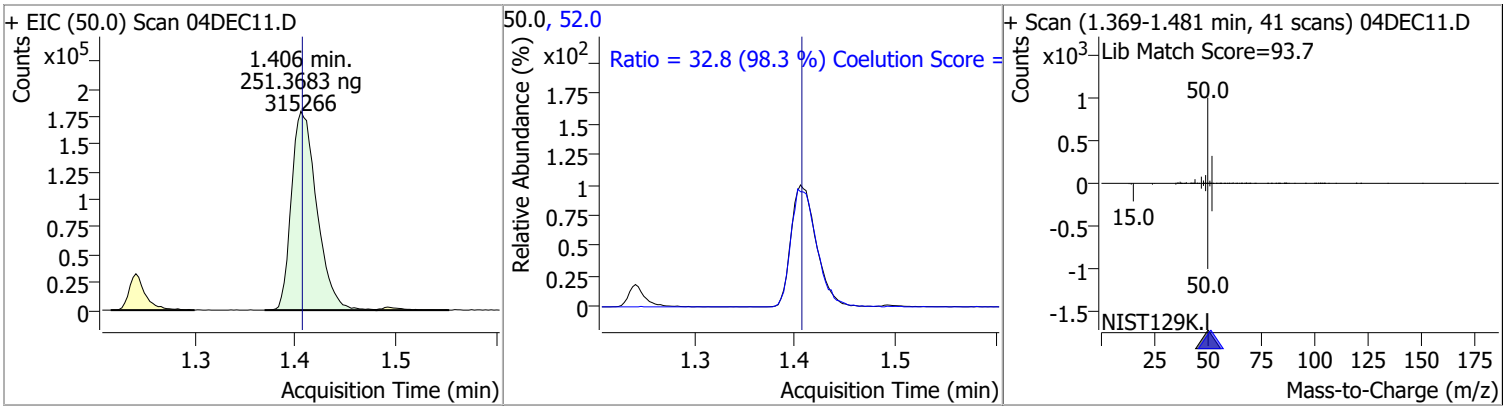
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	372018	253.5835	ng	99
T Carbon tetrachloride	6.026	117.0	368200	257.3666	ng	98
T 1,1-Dichloropropene	6.040	75.0	337823	264.4531	ng	99
T Benzene	6.280	78.0	826967	254.3668	ng	99
T 1,2-Dichloroethane	6.319	62.0	210707	246.2162	ng	98
T Trichloroethene	7.028	95.0	240896	251.6564	ng	98
T 1,2-Dichloropropane	7.270	63.0	209240	262.9580	ng	99
T Dibromomethane	7.398	93.0	83521	250.1121	ng	97
T Bromodichloromethane	7.583	83.0	242376	256.8702	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	266868	256.4924	ng	98
T Toluene	8.386	92.0	524056	264.5125	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	195690	263.9164	ng	94
T 1,1,2-Trichloroethane	8.818	83.0	95025	246.6275	ng	99
T Tetrachloroethene	8.935	163.8	207869	262.1280	ng	99
T 1,3-Dichloropropane	8.982	76.0	197255	254.5902	ng	99
T Chlorodibromomethane	9.203	129.0	150247	260.7982	ng	99
T 1,2-Dibromoethane	9.306	107.0	106076	256.2196	ng	98
T Chlorobenzene	9.802	112.0	549254	255.1386	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	189520	251.0493	ng	97
T Ethylbenzene	9.919	91.0	1006830	266.4170	ng	100
T m+p-Xylenes	10.039	106.0	791981	541.9692	ng	99
T o-Xylene	10.433	106.0	347166	267.2853	ng	99
T Styrene	10.446	104.0	570316	273.3057	ng	99
T Bromoform	10.625	172.5	77065	253.8753	ng	99
T Bromobenzene	11.093	156.0	207720	251.3573	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	117955	241.9826	ng	100
T 1,2,3-Trichloropropane	11.146	110.0	30123	233.0879	ng	98
T 2-Chlorotoluene	11.291	126.0	218251	268.9152	ng	98
T 4-Chlorotoluene	11.400	91.0	730044	265.1647	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	377782	254.4217	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	382542	250.2084	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	318396	258.4000	ng	100

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

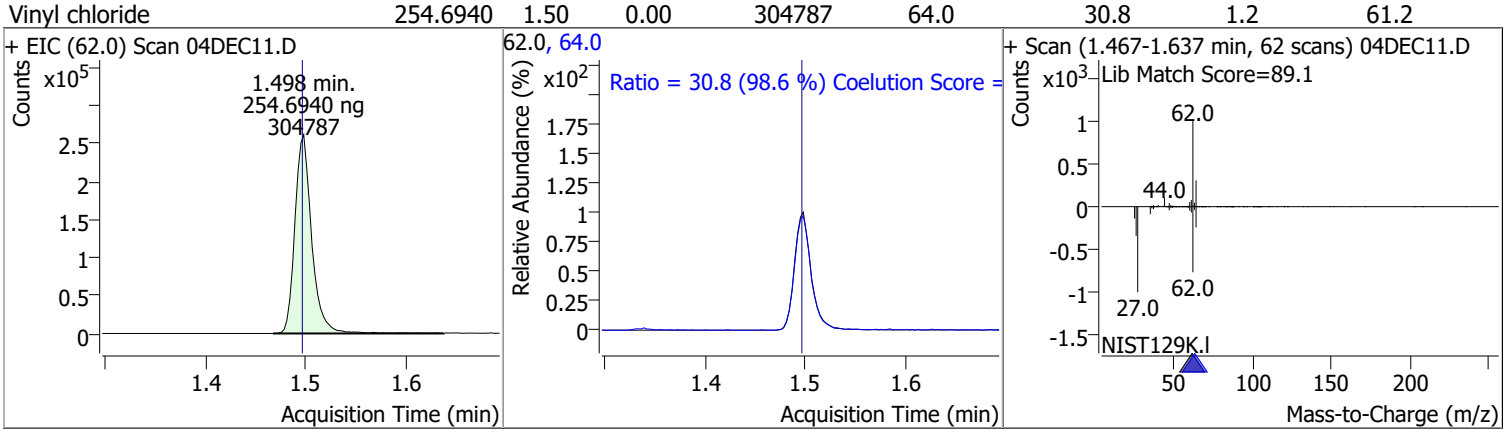
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	255.1735	1.24	0.00	278337	87.0	32.3	2.1	62.1



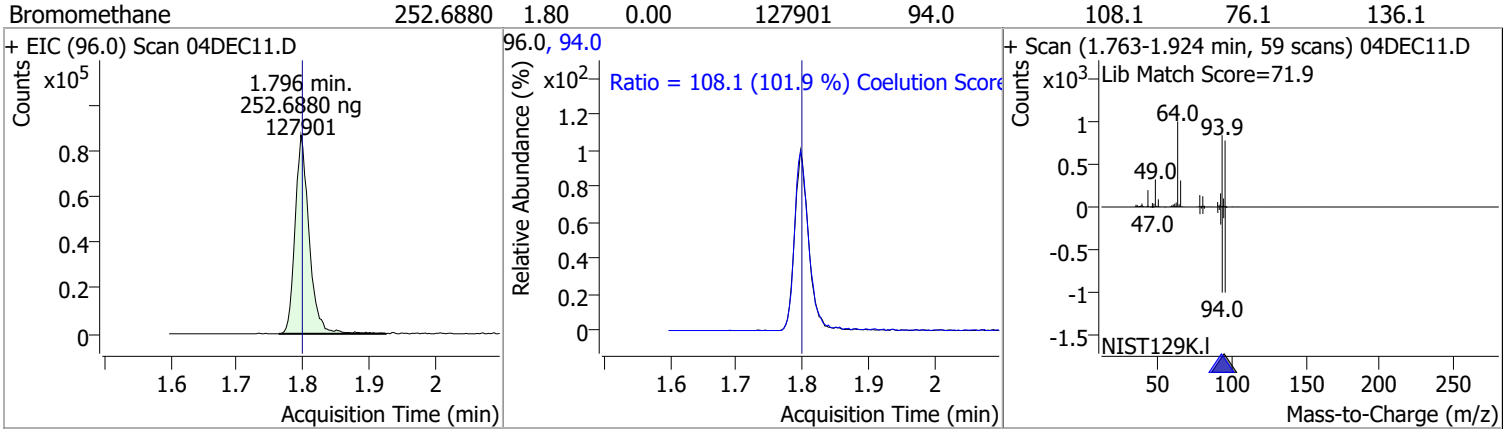
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	251.3683	1.41	0.00	315266	52.0	32.8	3.4	63.4



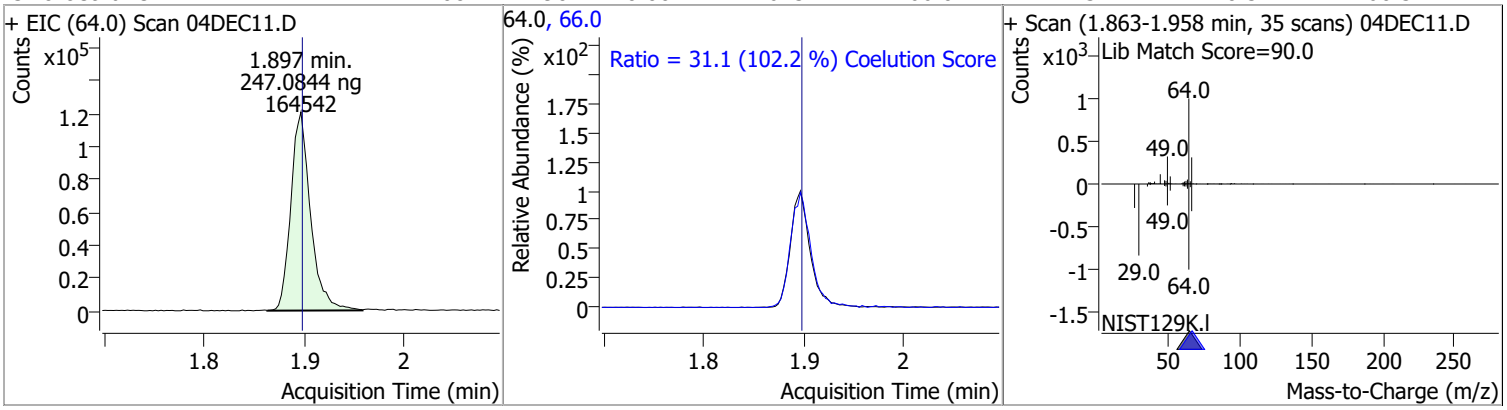
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	254.6940	1.50	0.00	304787	64.0	30.8	1.2	61.2



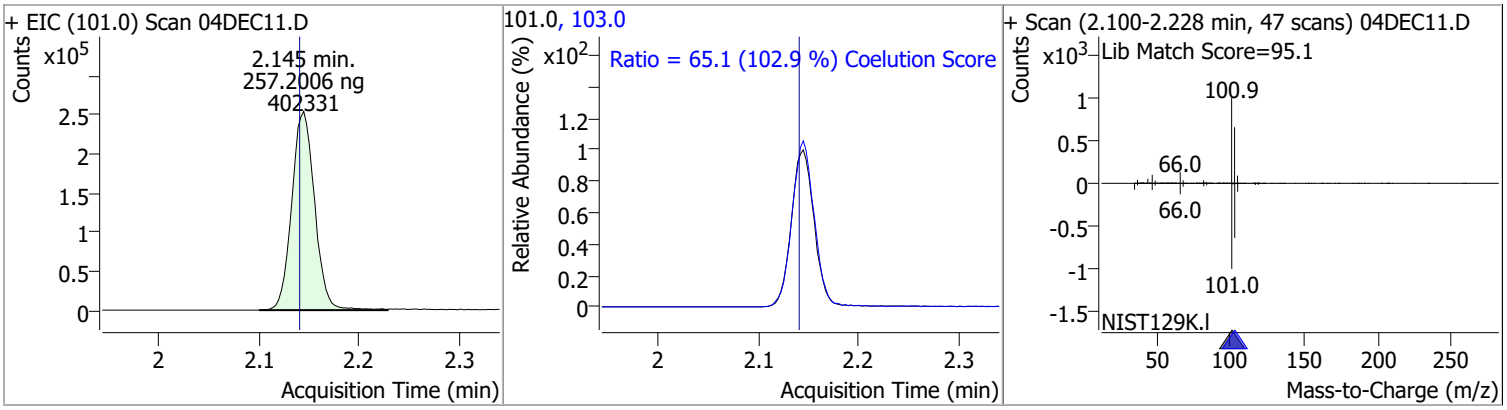
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	252.6880	1.80	0.00	127901	94.0	108.1	76.1	136.1



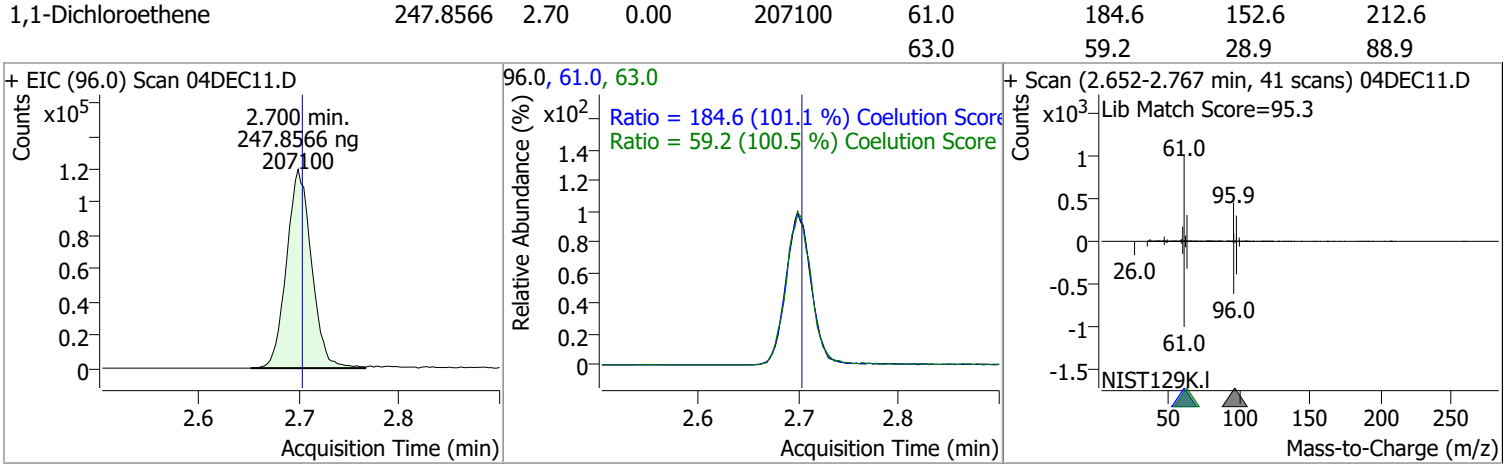
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	247.0844	1.90	0.00	164542	66.0	31.1	0.5	60.5



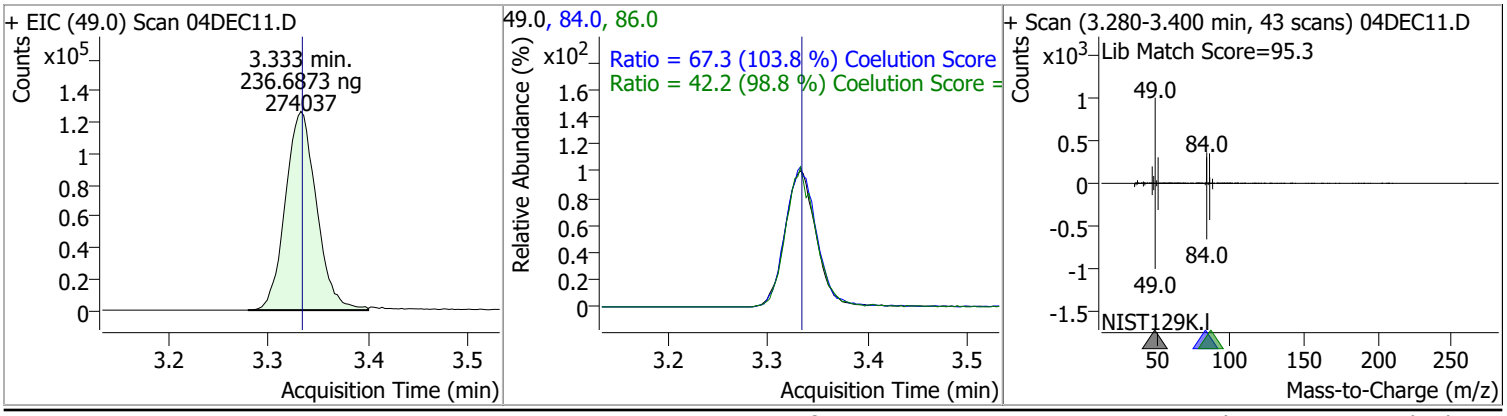
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	257.2006	2.14	0.00	402331	103.0	65.1	33.3	93.3



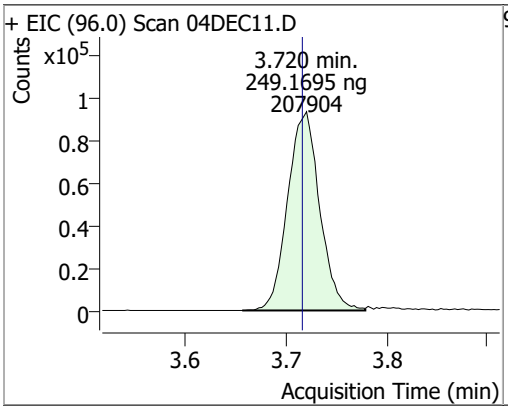
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	247.8566	2.70	0.00	207100	61.0	184.6	152.6	212.6
					63.0	59.2	28.9	88.9

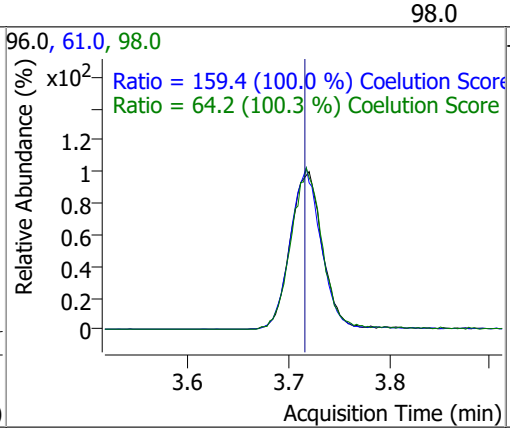


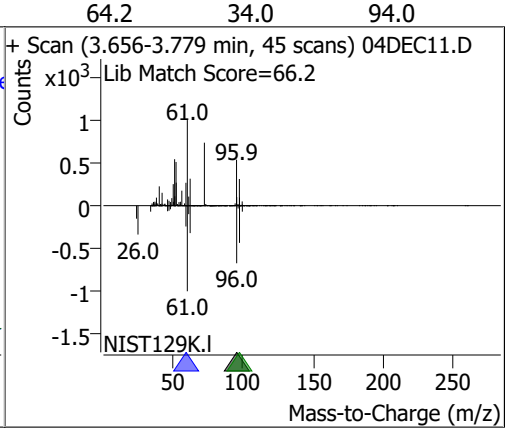
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	236.6873	3.33	0.00	274037	84.0	67.3	34.8	94.8
					86.0	42.2	12.7	72.7



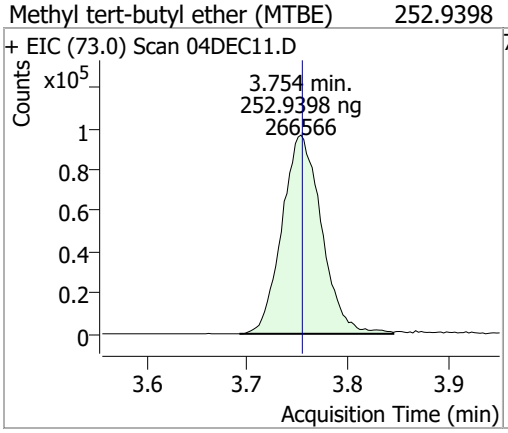
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	249.1695	3.72	0.01	207904	61.0	159.4	129.4	189.4
					98.0	64.2	34.0	94.0

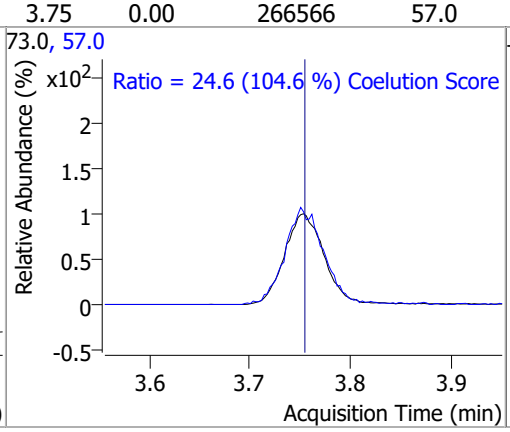


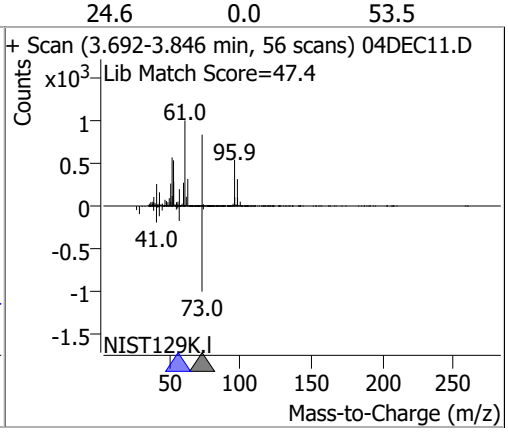




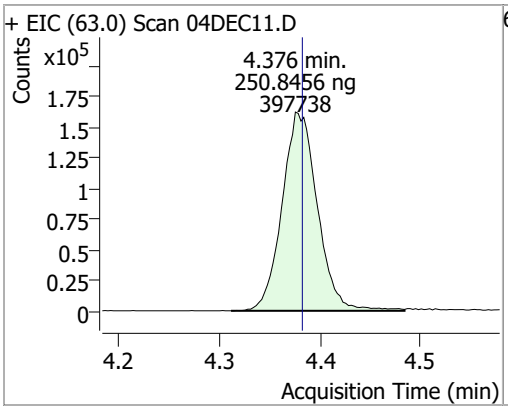
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	252.9398	3.75	0.00	266566	57.0	24.6	0.0	53.5

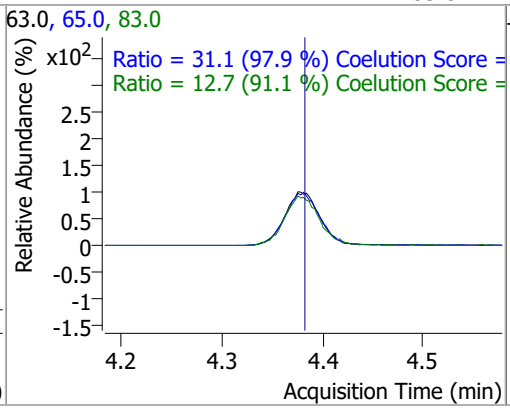


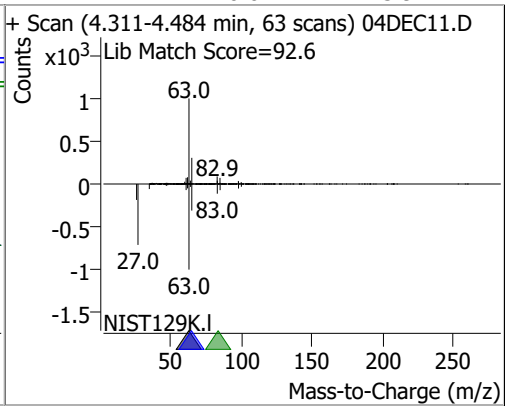




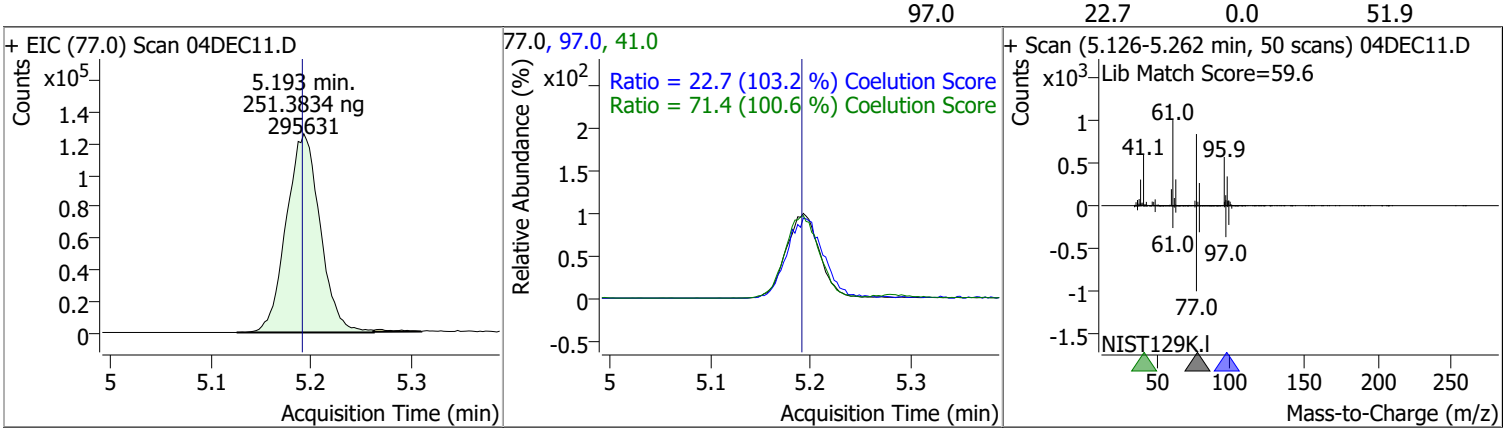
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	250.8456	4.38	-0.01	397738	65.0	31.1	1.7	61.7
					83.0	12.7	0.0	43.9



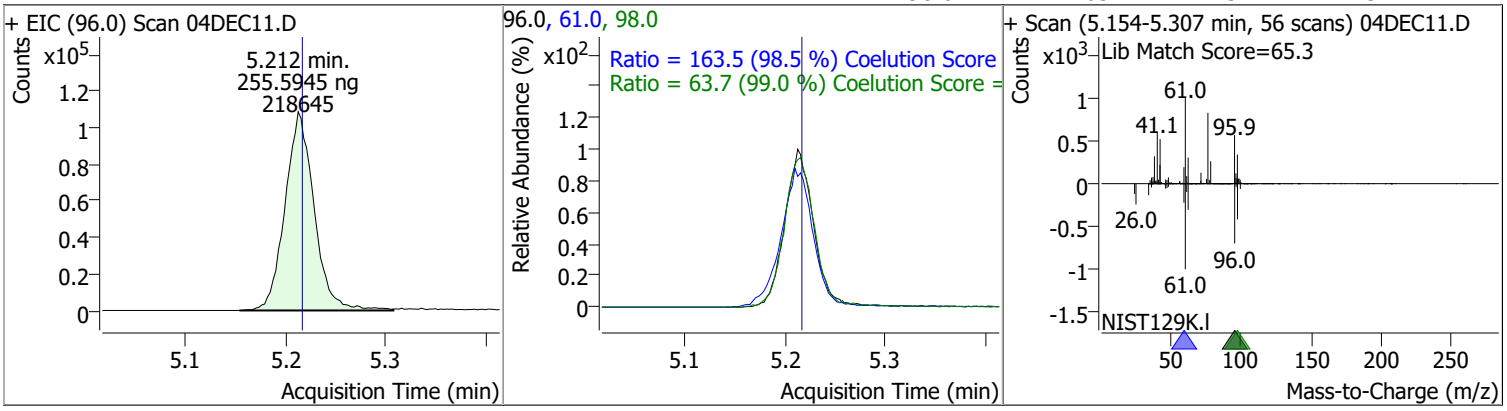




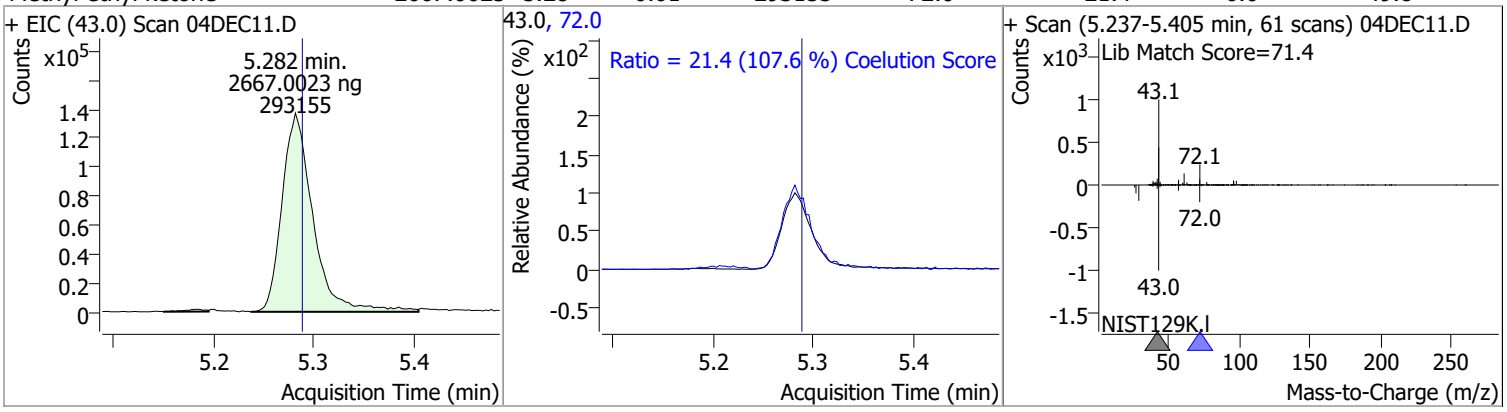
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	251.3834	5.19	0.00	295631	41.0	71.4	41.0	101.0
					97.0	22.7	0.0	51.9



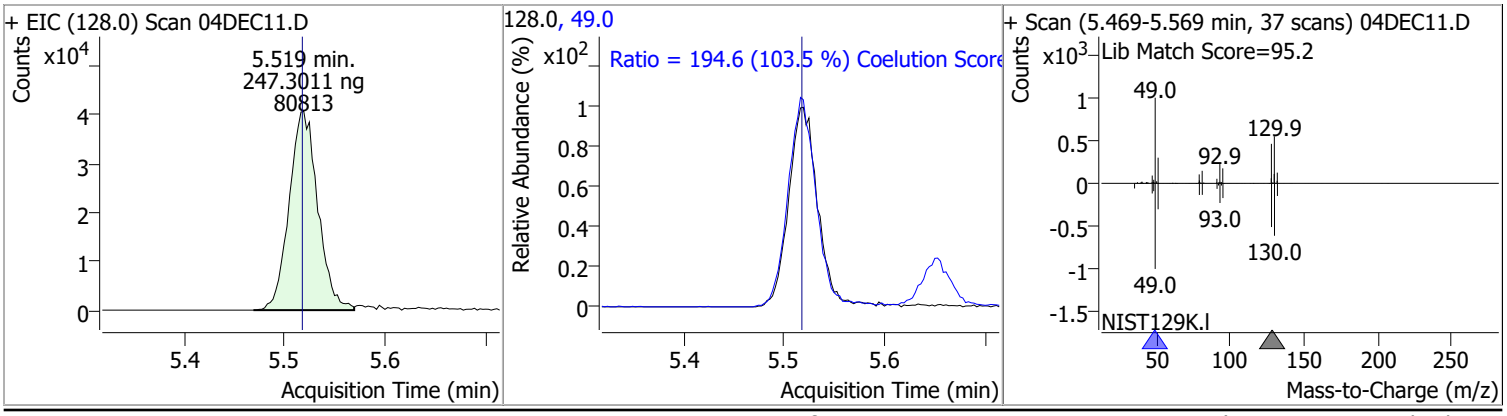
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	255.5945	5.21	0.00	218645	61.0	163.5	135.9	195.9
					98.0	63.7	34.4	94.4



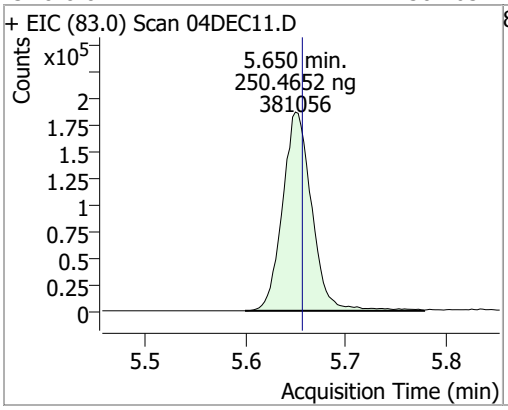
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	2667.0023	5.28	-0.01	293155	72.0	21.4	0.0	49.8

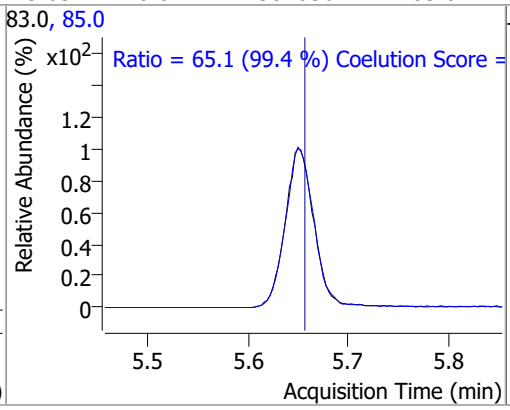


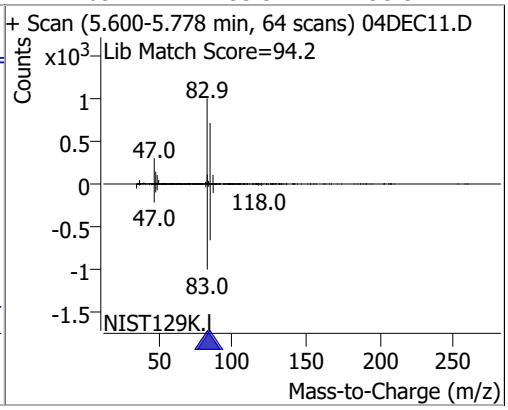
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	247.3011	5.52	0.00	80813	49.0	194.6	158.1	218.1



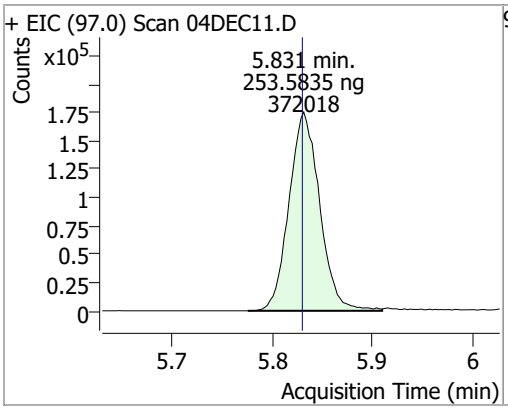
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	250.4652	5.65	-0.01	381056	85.0	65.1	35.5	95.5

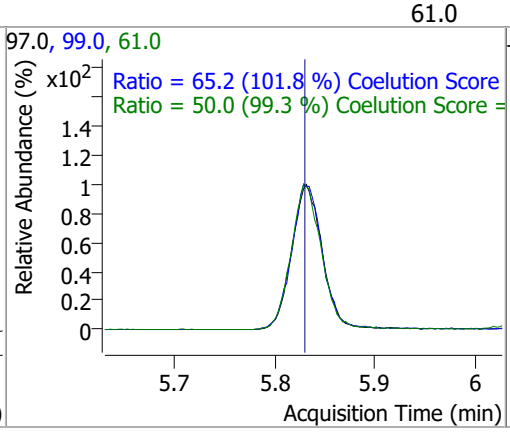


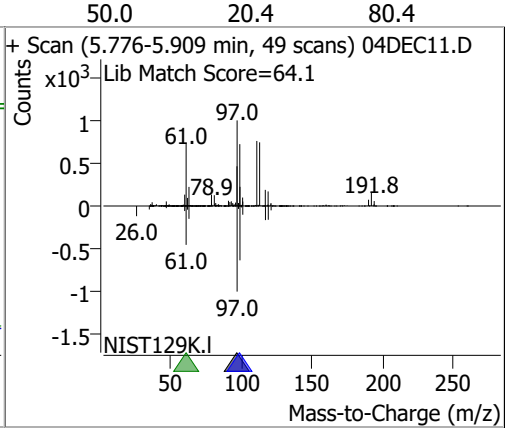




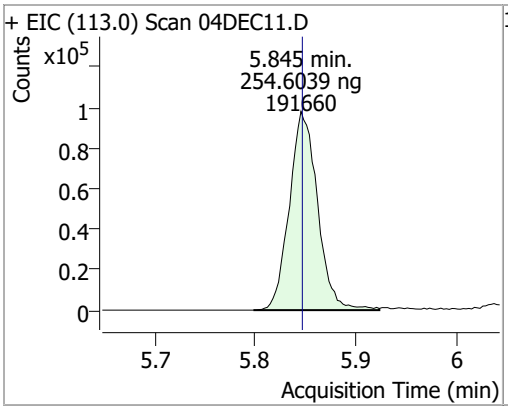
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	253.5835	5.83	0.00	372018	99.0	65.2	34.0	94.0
					61.0	50.0	20.4	80.4

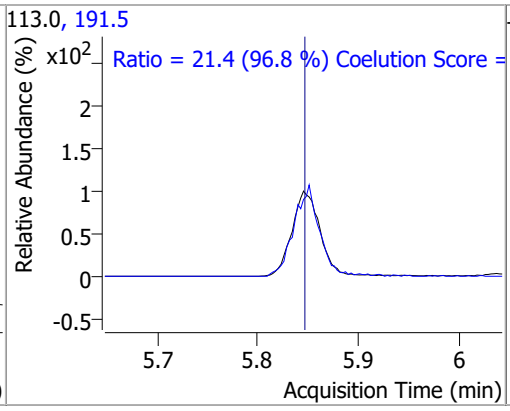


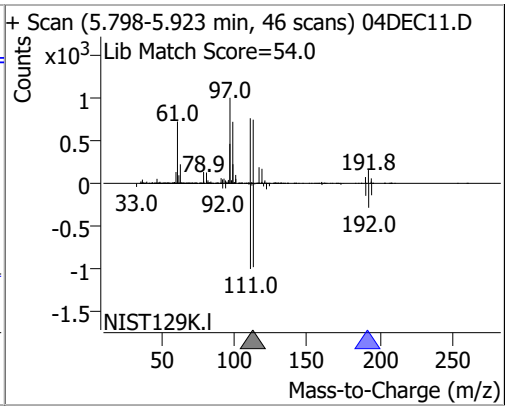




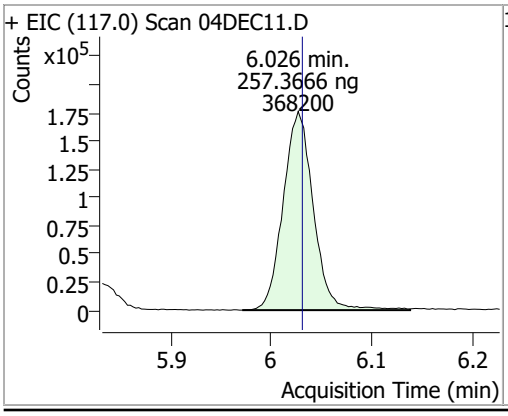
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	254.6039	5.85	0.00	191660	191.5	21.4	0.0	52.1

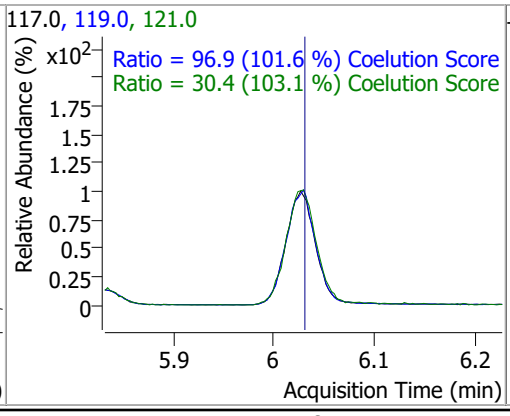


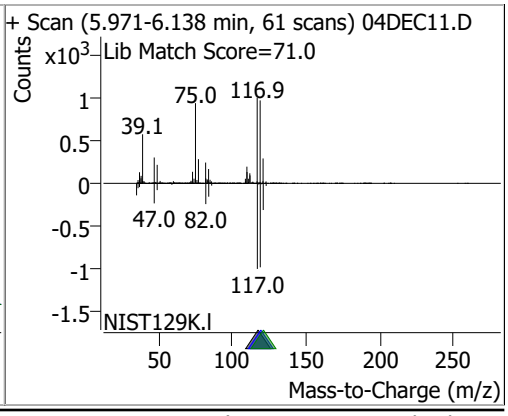




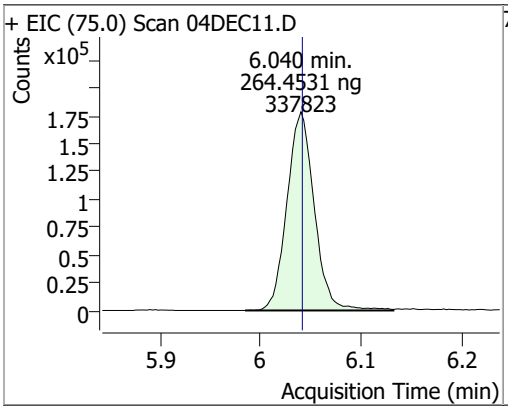
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	257.3666	6.03	0.00	368200	119.0	96.9	65.4	125.4
					121.0	30.4	0.0	59.5

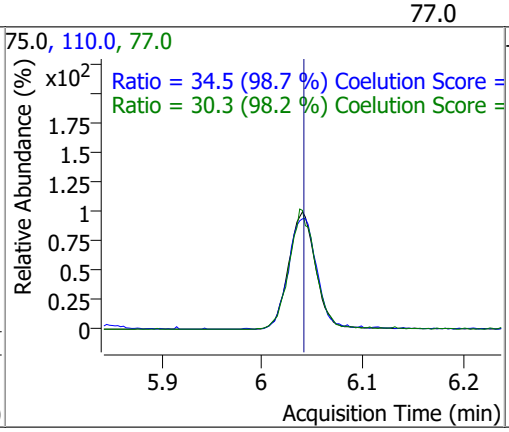


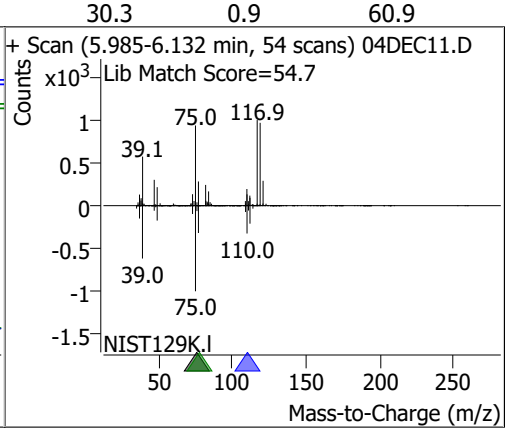




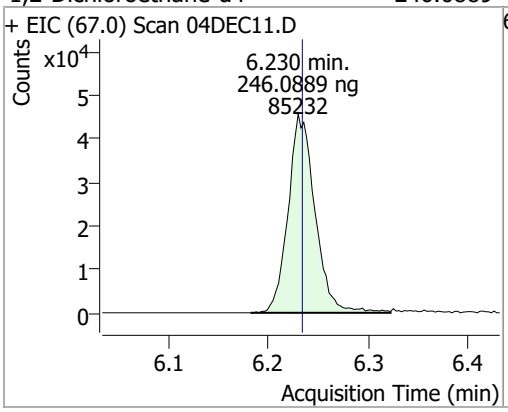
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	264.4531	6.04	0.00	337823	110.0	34.5	5.0	65.0
					77.0	30.3	0.9	60.9

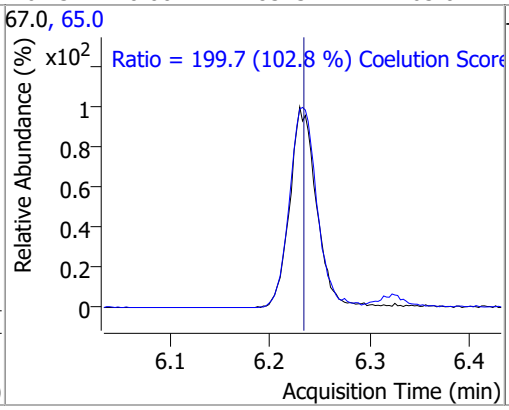


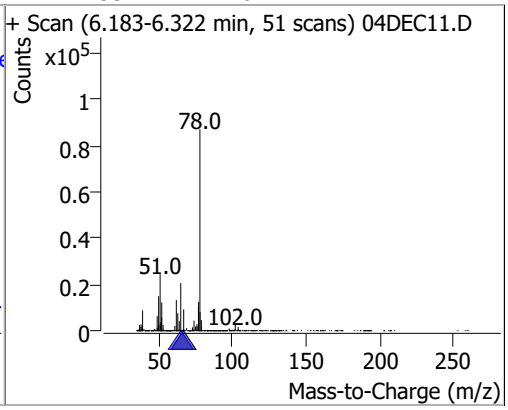




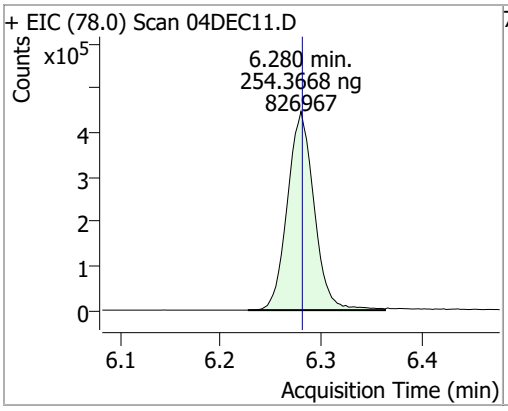
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	246.0889	6.23	0.00	85232	65.0	199.7	164.2	224.2

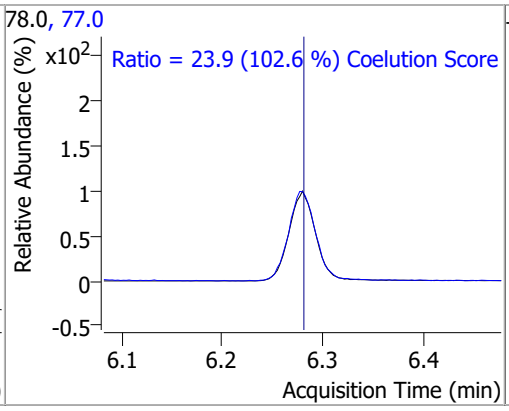


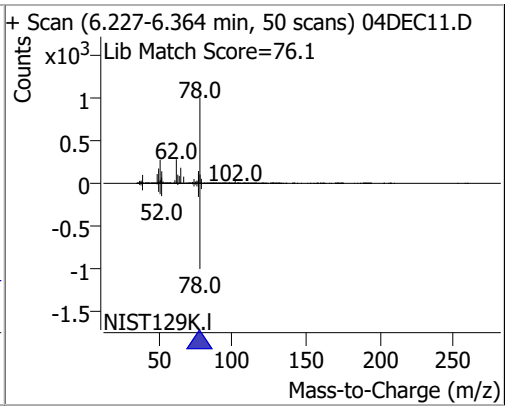




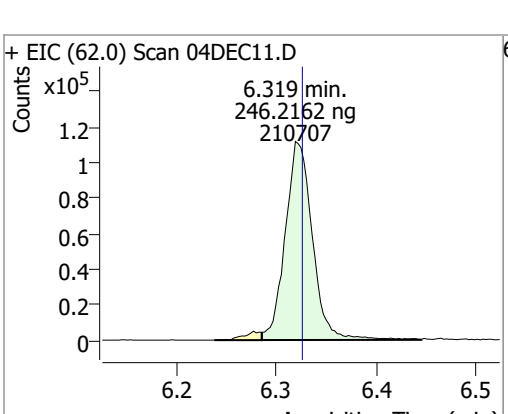
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	254.3668	6.28	0.00	826967	77.0	23.9	0.0	53.3

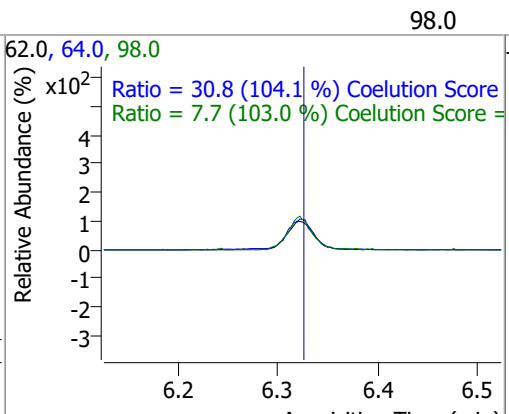


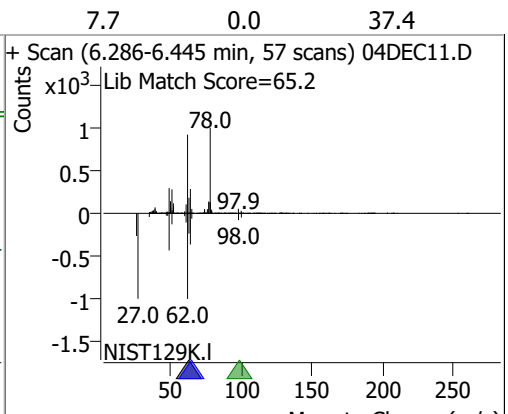




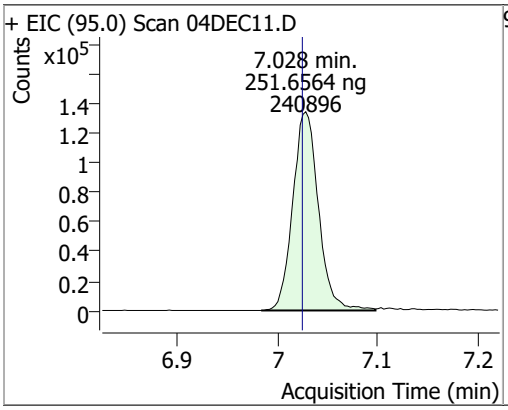
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	246.2162	6.32	-0.01	210707	64.0	30.8	0.0	59.6
					98.0	7.7	0.0	37.4

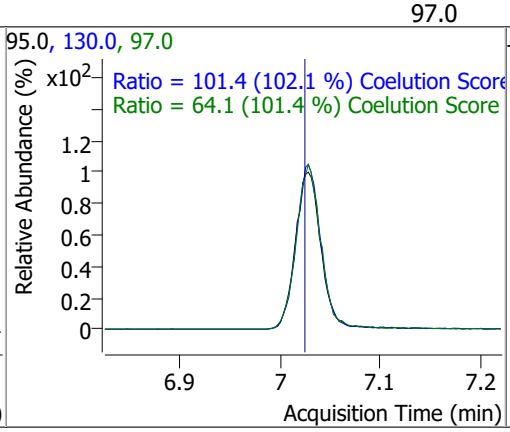


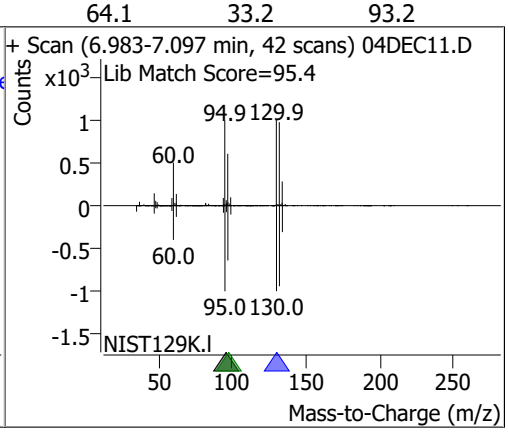




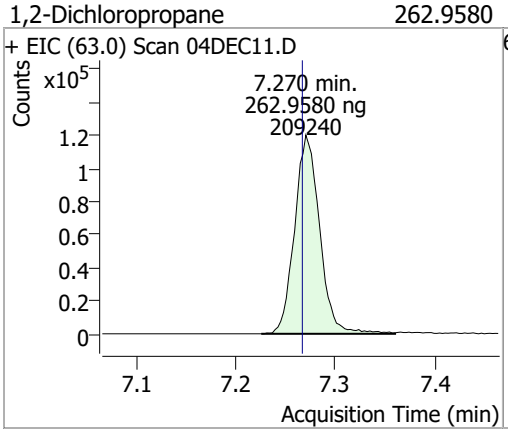
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	251.6564	7.03	0.00	240896	130.0	101.4	69.3	129.3
					97.0	64.1	33.2	93.2

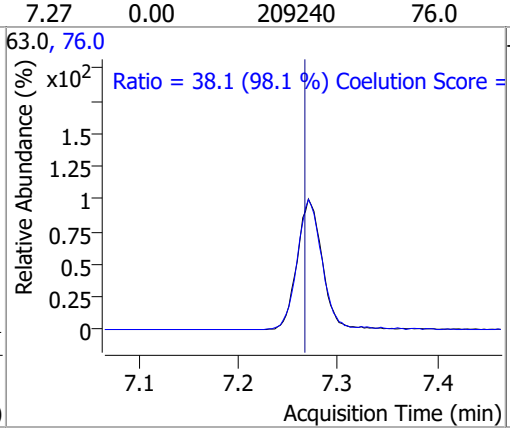


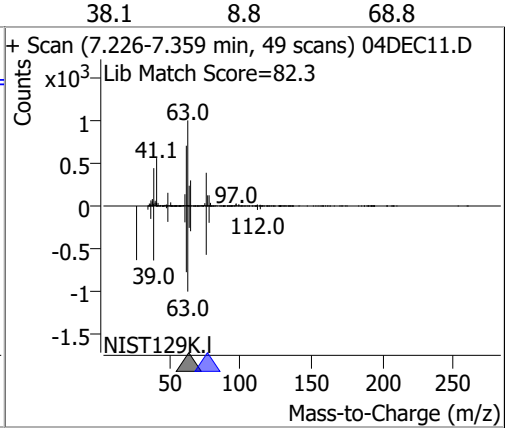




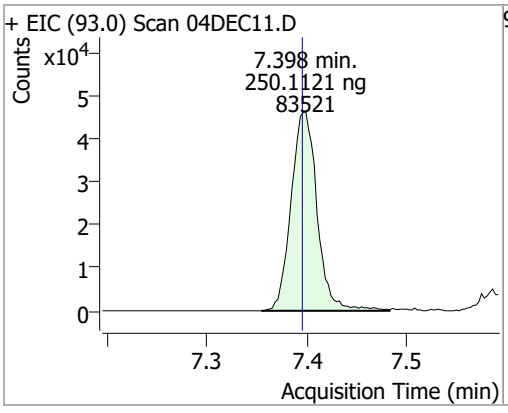
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	262.9580	7.27	0.00	209240	76.0	38.1	8.8	68.8

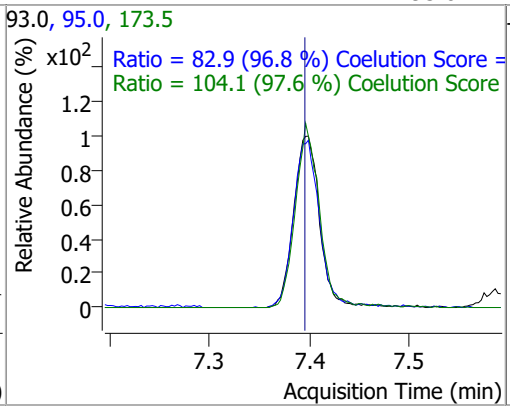


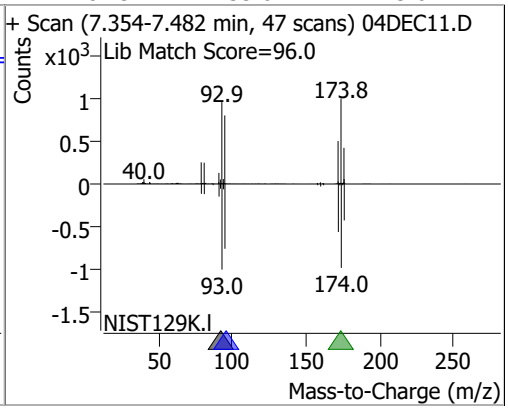




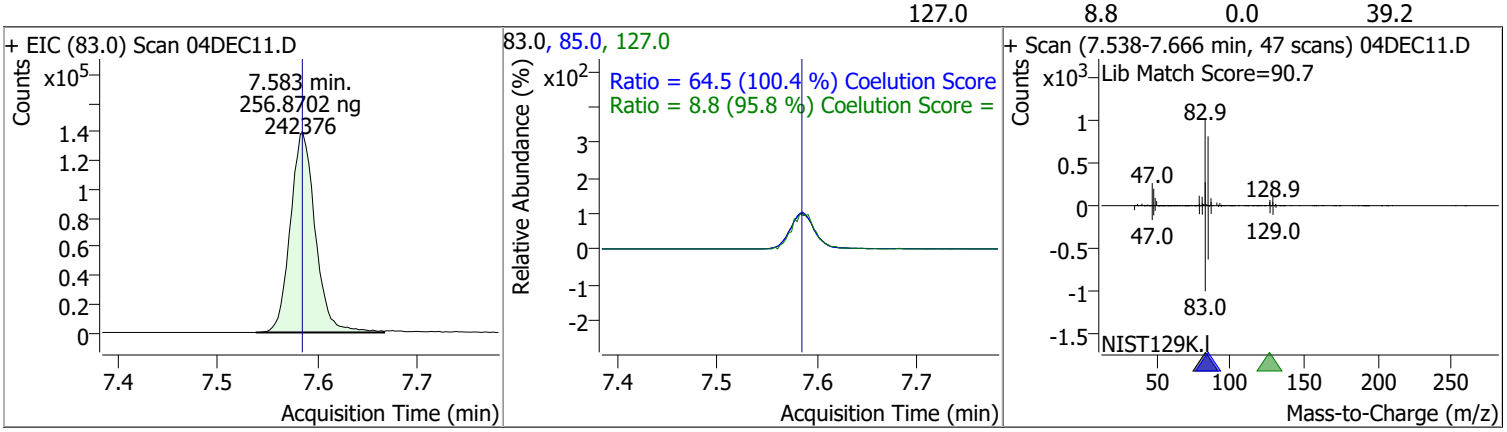
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	250.1121	7.40	0.00	83521	173.5	104.1	76.6	136.6
					95.0	82.9	55.6	115.6



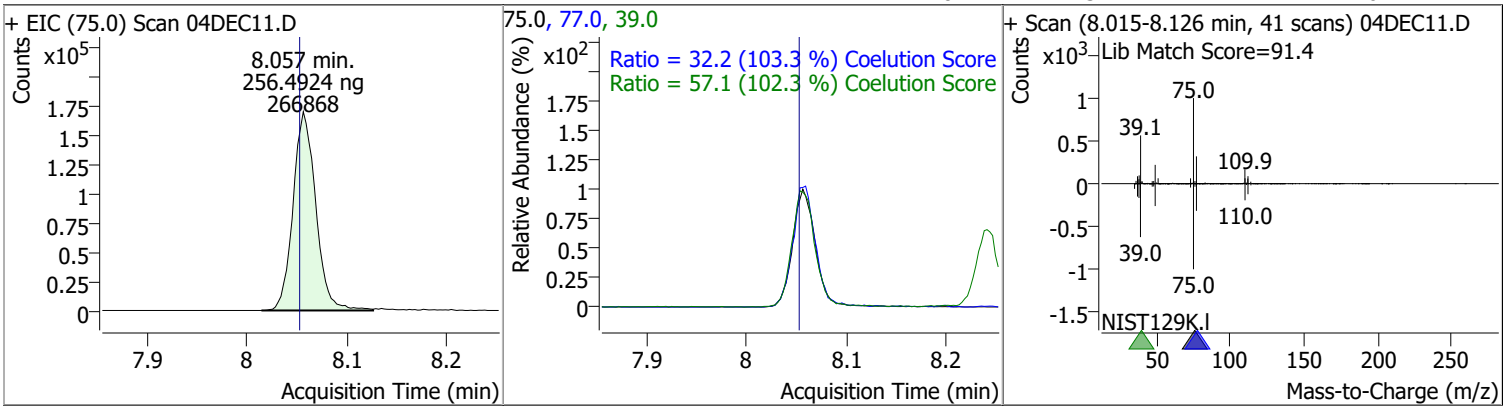




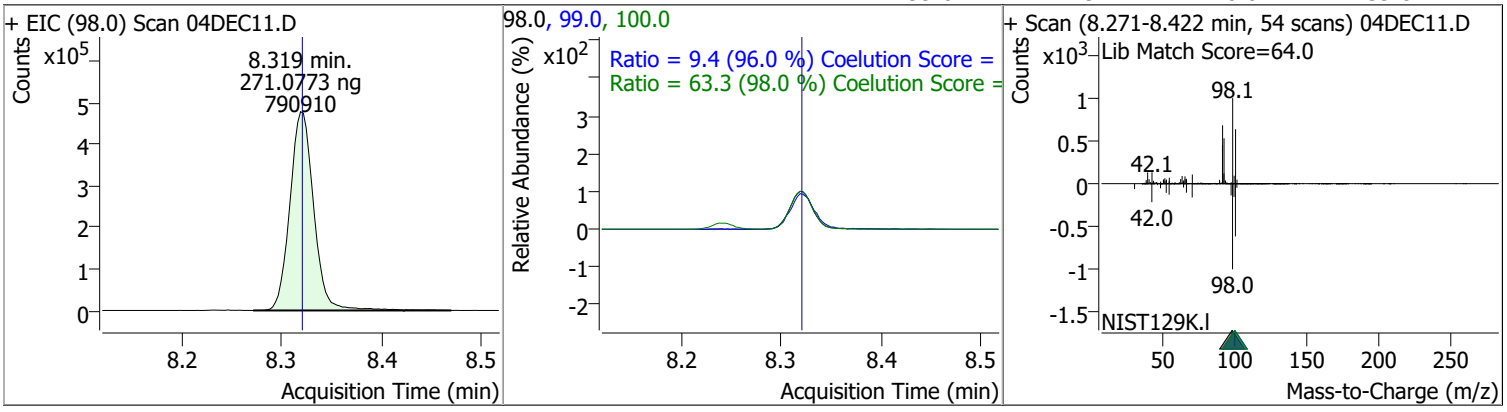
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	256.8702	7.58	0.00	242376	85.0	64.5	34.3	94.3
					127.0	8.8	0.0	39.2



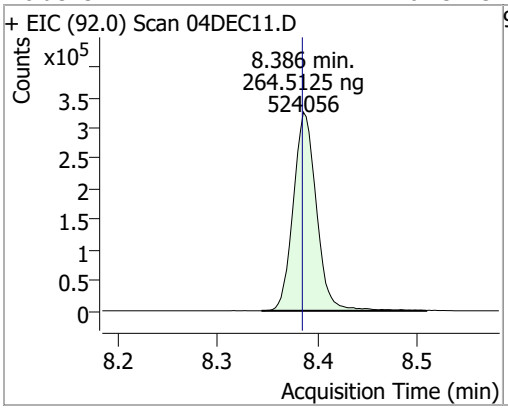
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	256.4924	8.06	0.00	266868	39.0	57.1	25.9	85.9
					77.0	32.2	1.2	61.2

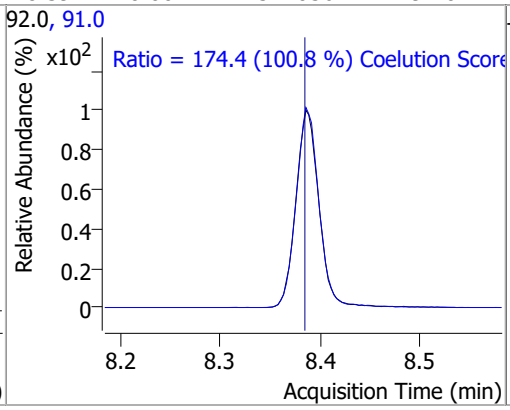


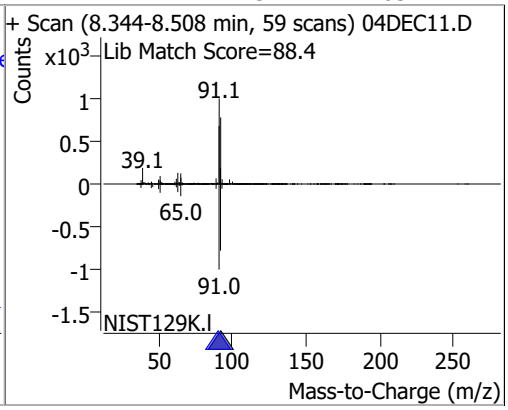
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	271.0773	8.32	0.00	790910	100.0	63.3	34.6	94.6
					99.0	9.4	0.0	39.8



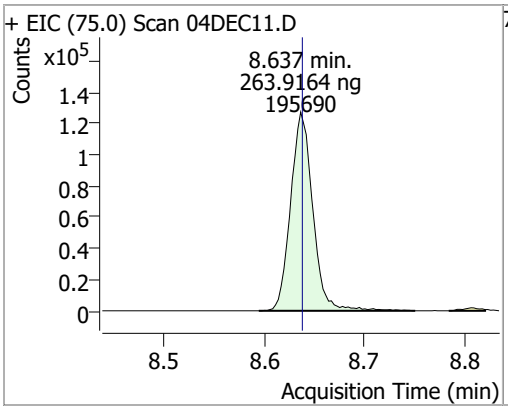
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	264.5125	8.39	0.00	524056	91.0	174.4	143.1	203.1

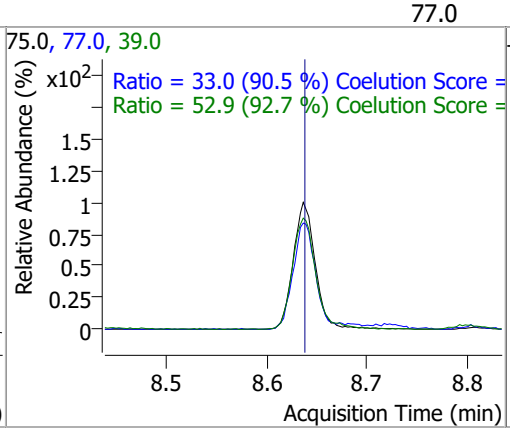


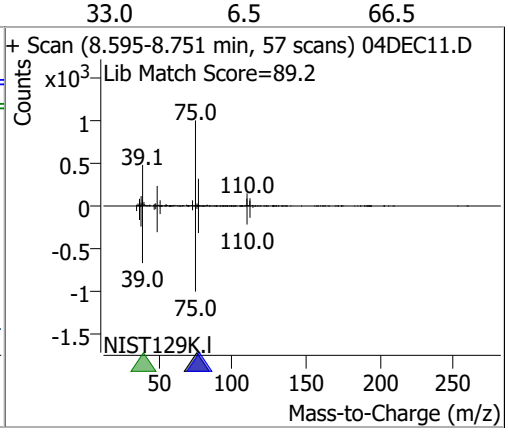




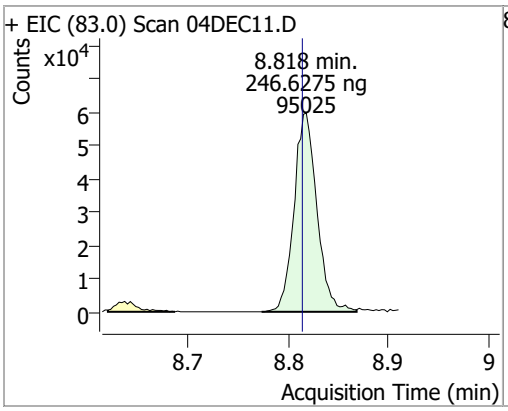
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	263.9164	8.64	0.00	195690	39.0	52.9	27.0	87.0
					77.0	33.0	6.5	66.5

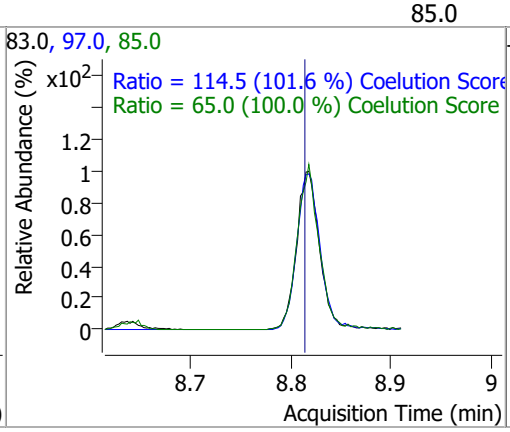


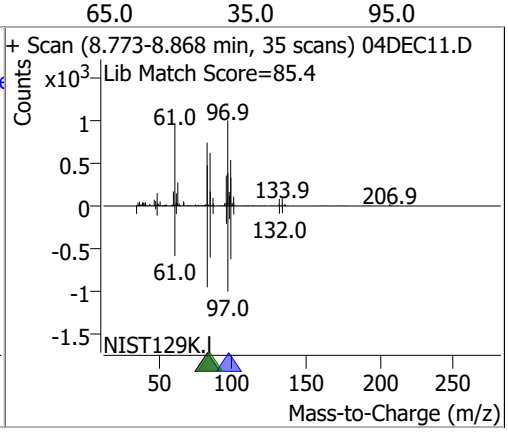




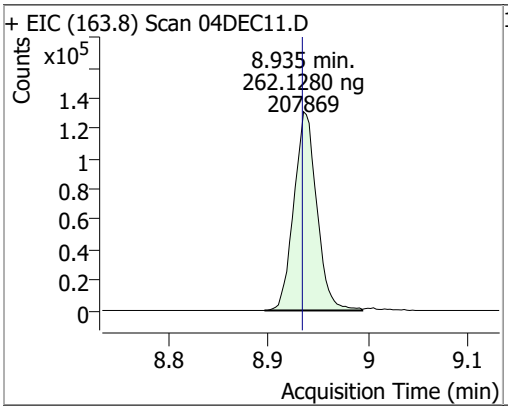
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	246.6275	8.82	0.00	95025	97.0	114.5	82.7	142.7
					85.0	65.0	35.0	95.0

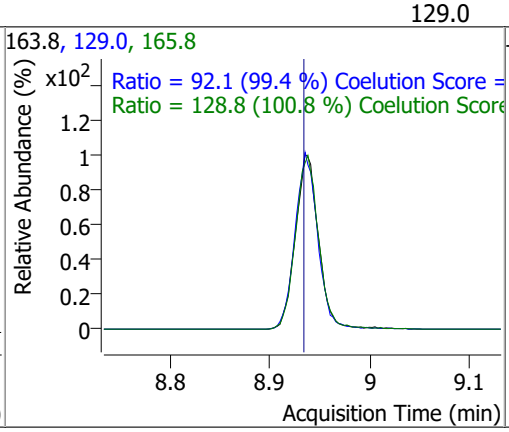


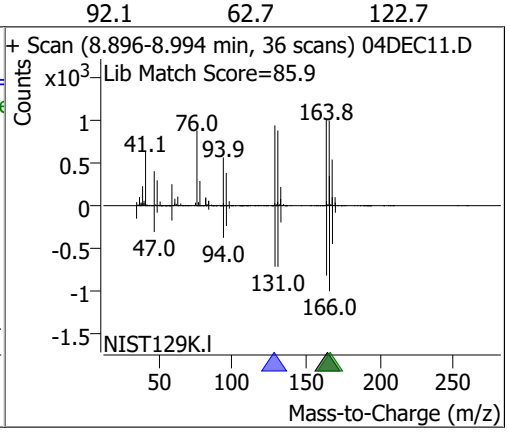




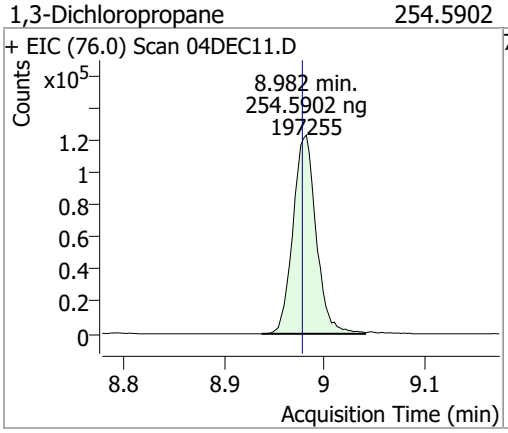
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	262.1280	8.94	0.00	207869	165.8	128.8	97.7	157.7
					129.0	92.1	62.7	122.7

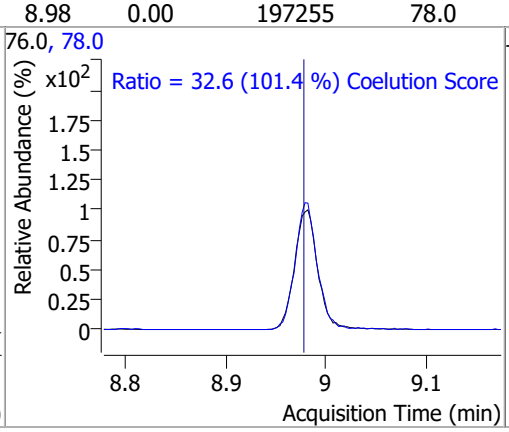


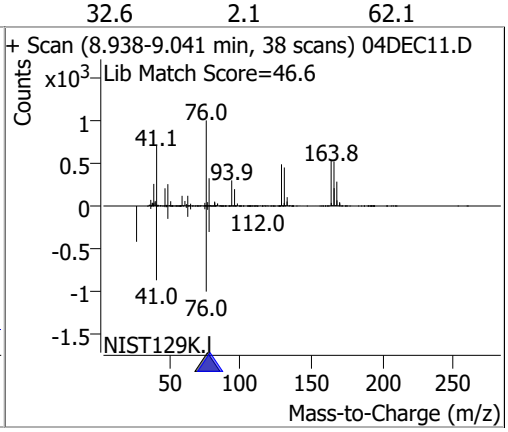




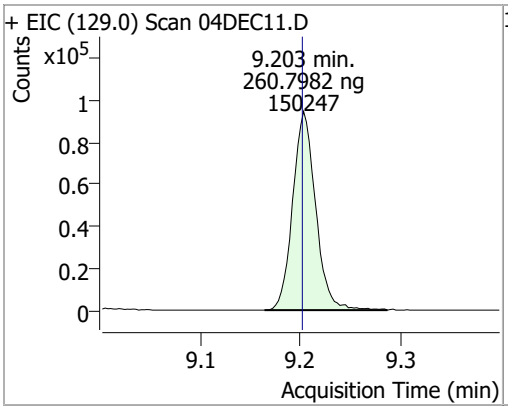
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	254.5902	8.98	0.00	197255	78.0	32.6	2.1	62.1

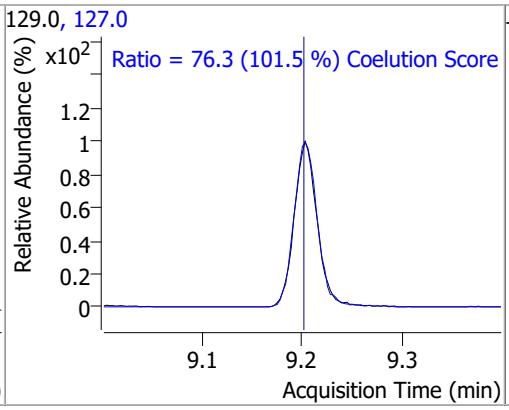


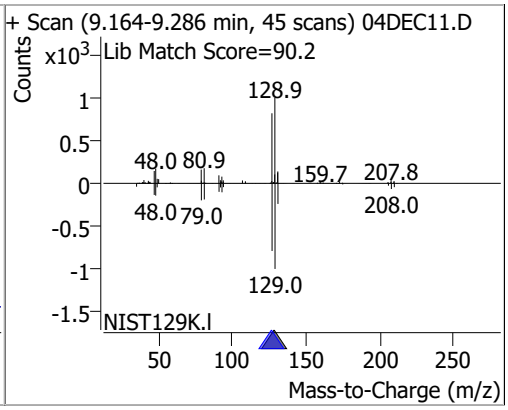




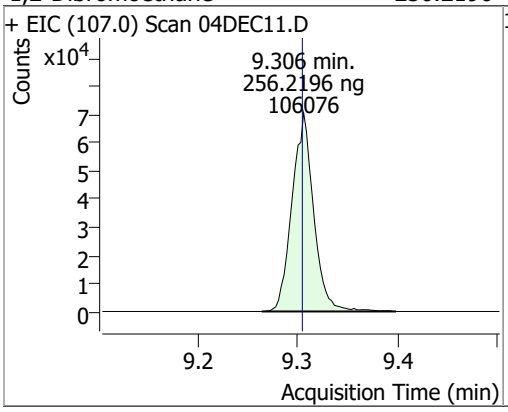
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	260.7982	9.20	0.00	150247	127.0	76.3	45.1	105.1

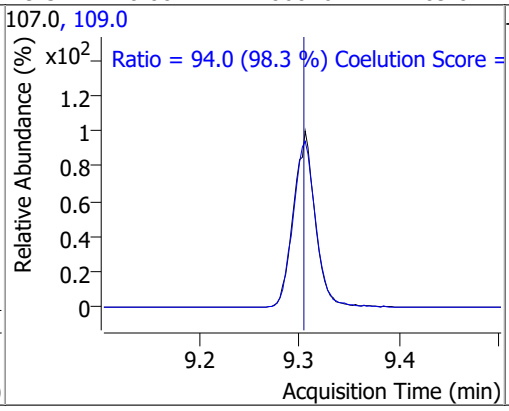


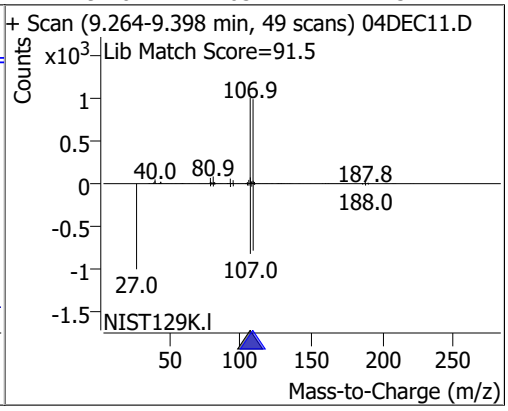




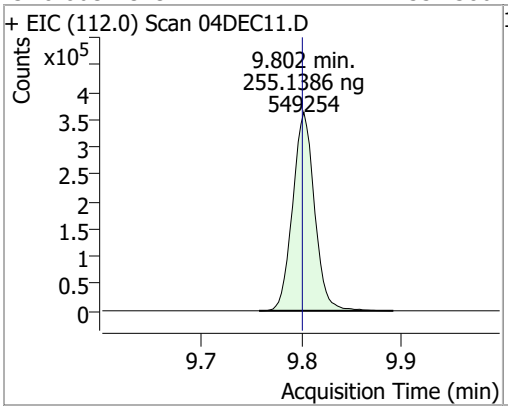
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	256.2196	9.31	0.00	106076	109.0	94.0	65.7	125.7

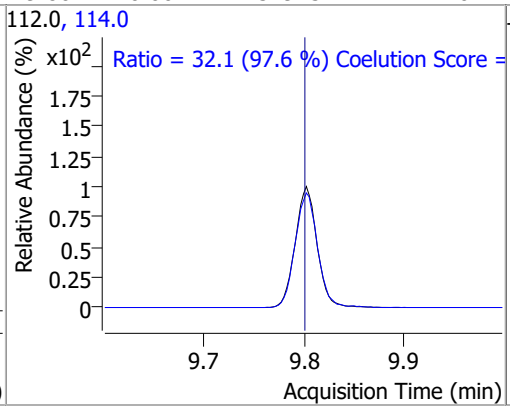


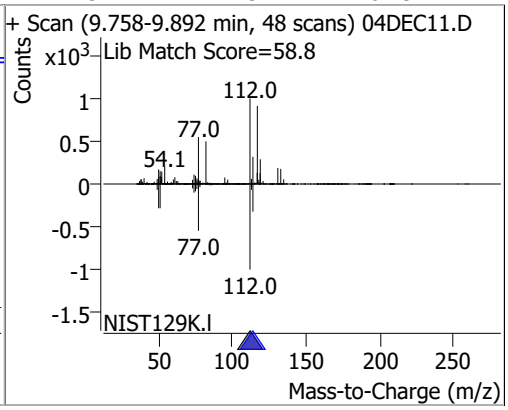




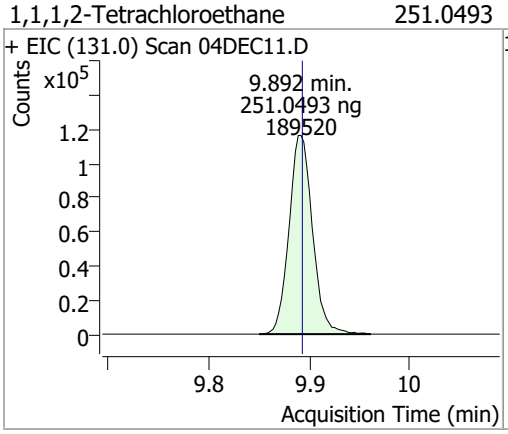
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	255.1386	9.80	0.00	549254	114.0	32.1	2.9	62.9

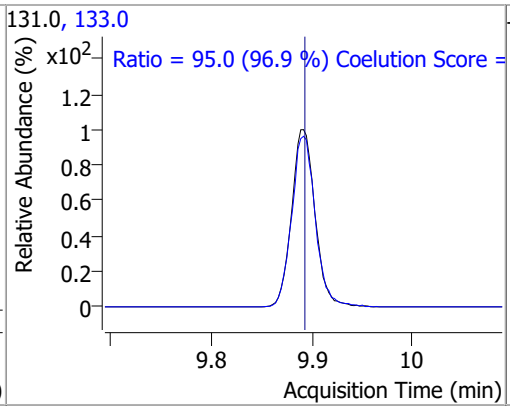


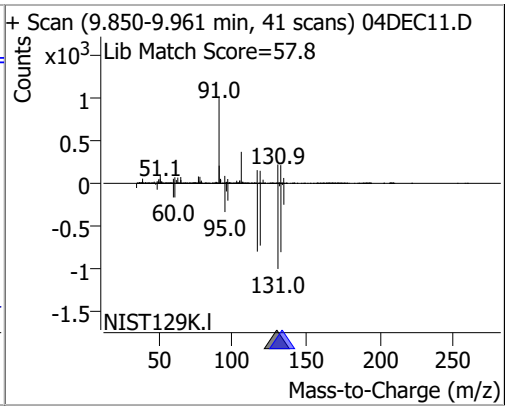




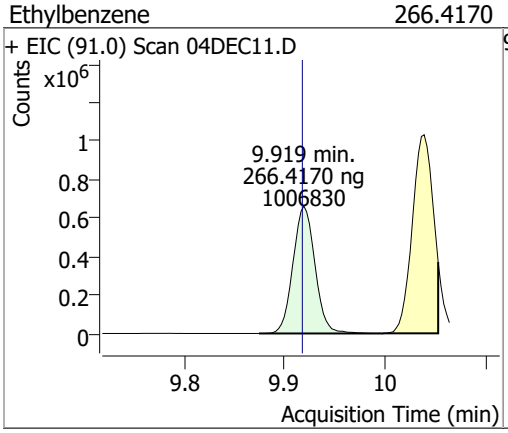
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	251.0493	9.89	0.00	189520	133.0	95.0	68.0	128.0

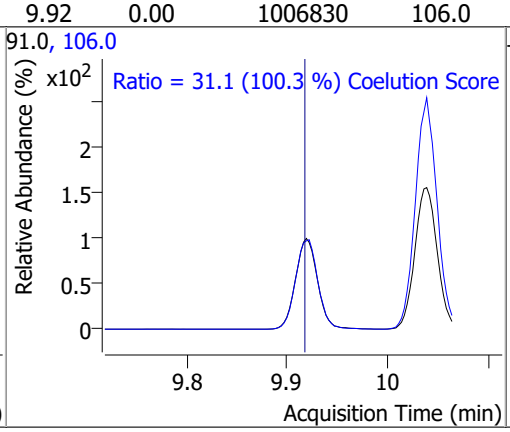


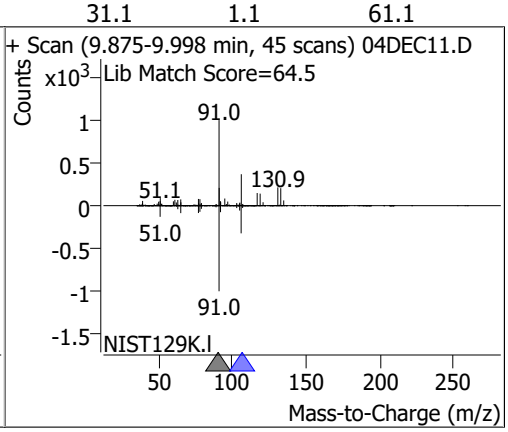




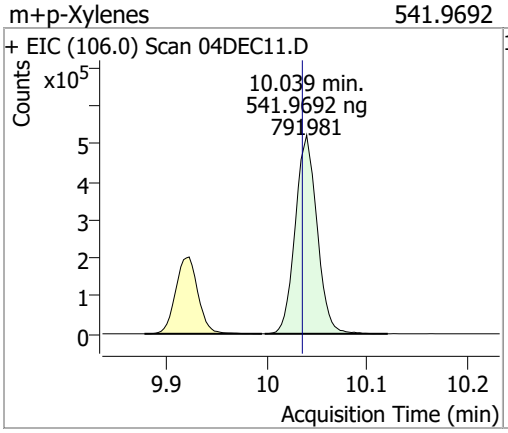
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	266.4170	9.92	0.00	1006830	106.0	31.1	1.1	61.1

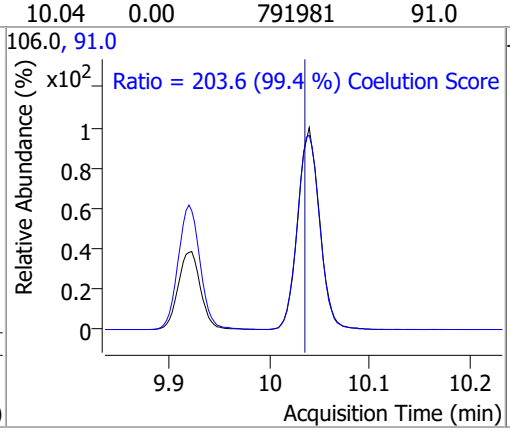


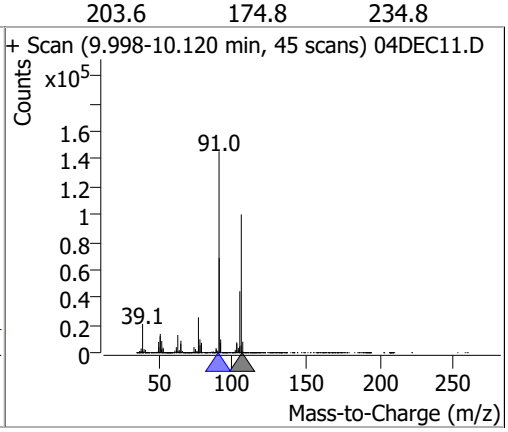




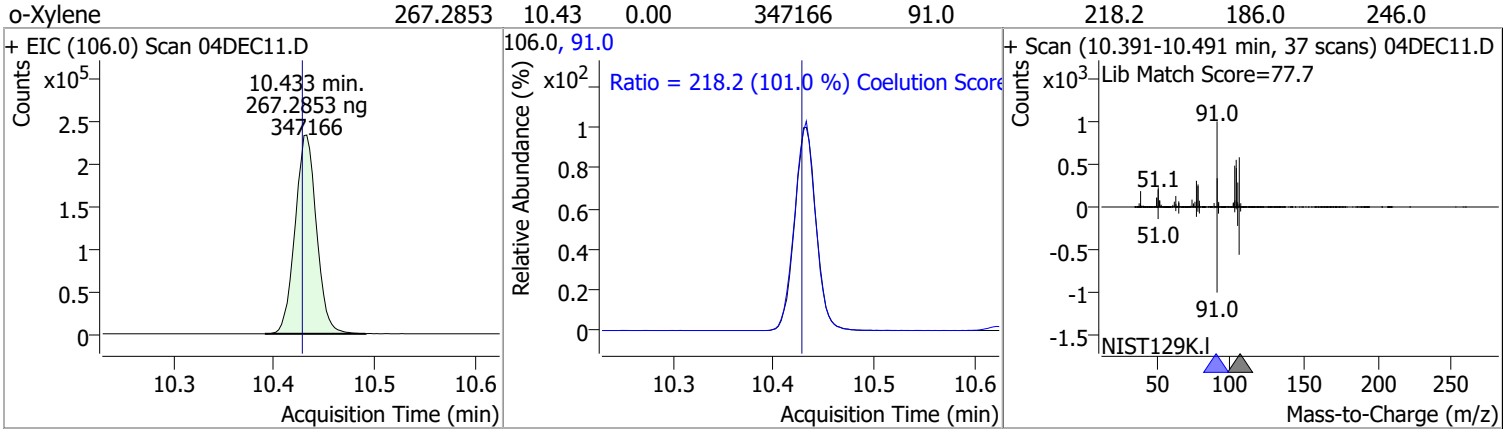
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	541.9692	10.04	0.00	791981	91.0	203.6	174.8	234.8



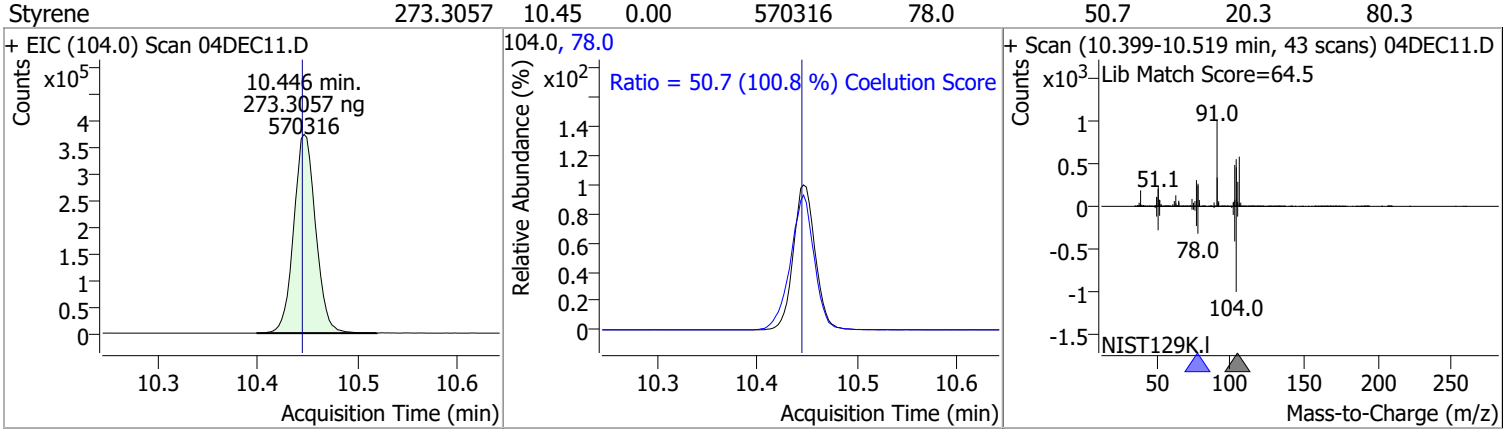




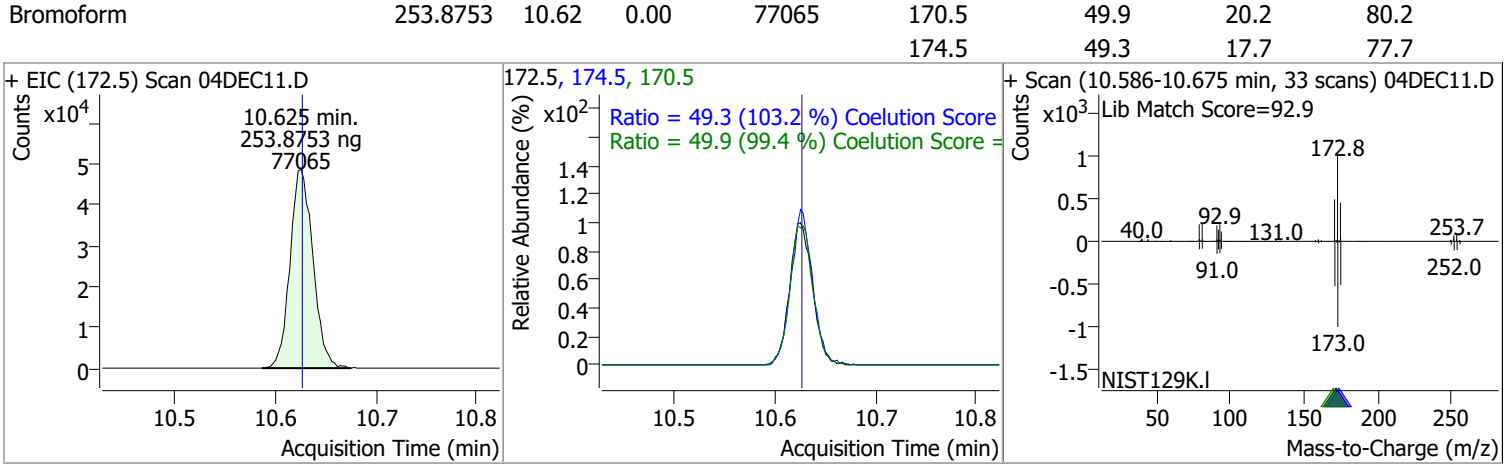
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	267.2853	10.43	0.00	347166	91.0	218.2	186.0	246.0



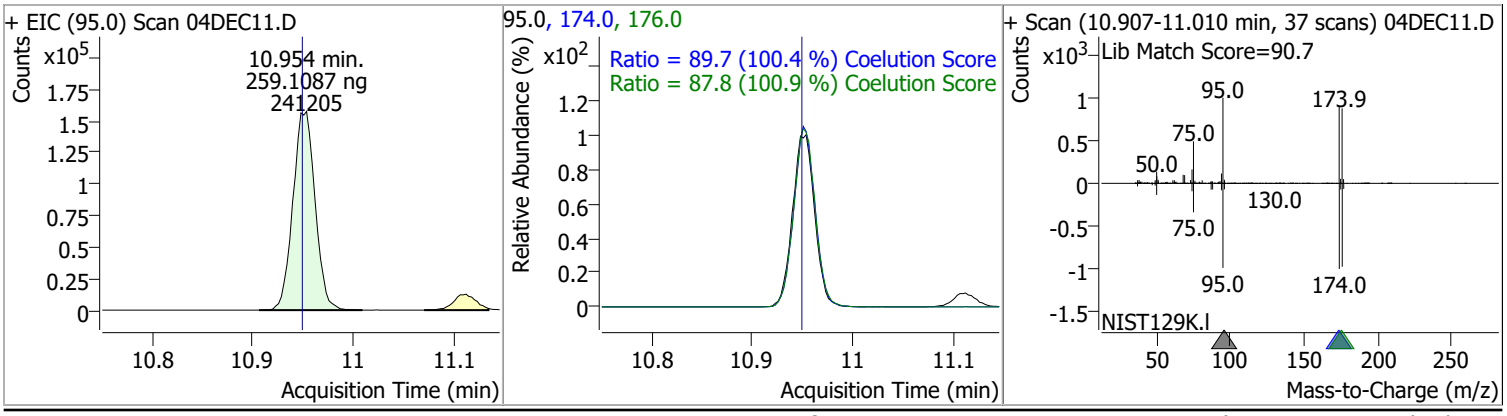
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	273.3057	10.45	0.00	570316	78.0	50.7	20.3	80.3



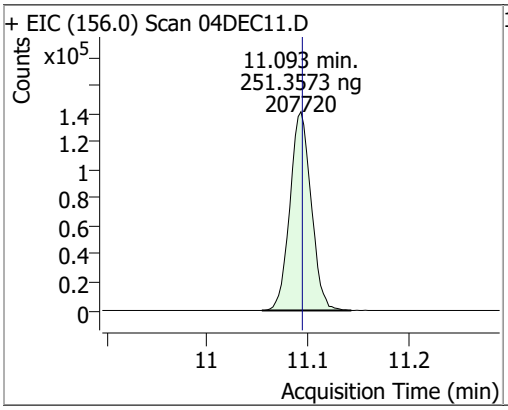
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	253.8753	10.62	0.00	77065	170.5	49.9	20.2	80.2
					174.5	49.3	17.7	77.7

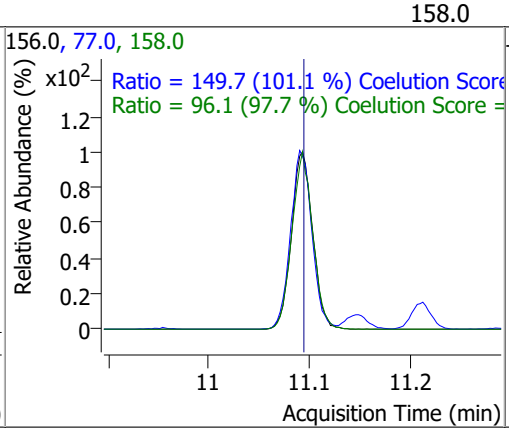


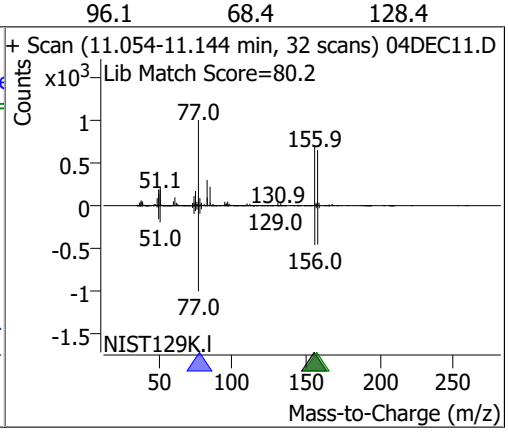
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	259.1087	10.95	0.01	241205	174.0	89.7	59.4	119.4
					176.0	87.8	57.1	117.1



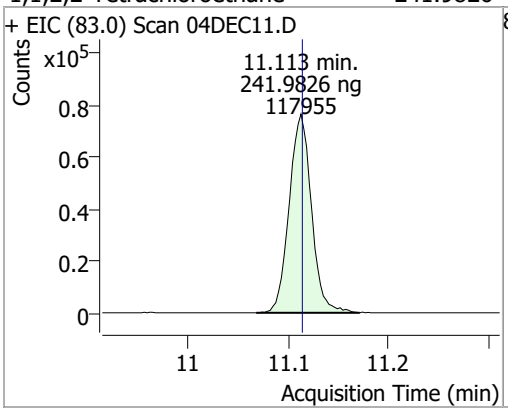
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	251.3573	11.09	0.00	207720	77.0	149.7	118.1	178.1
					158.0	96.1	68.4	128.4

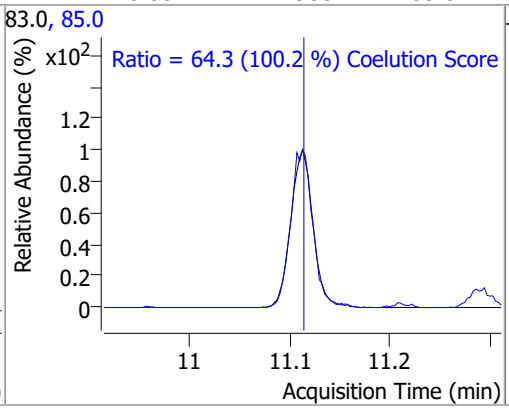


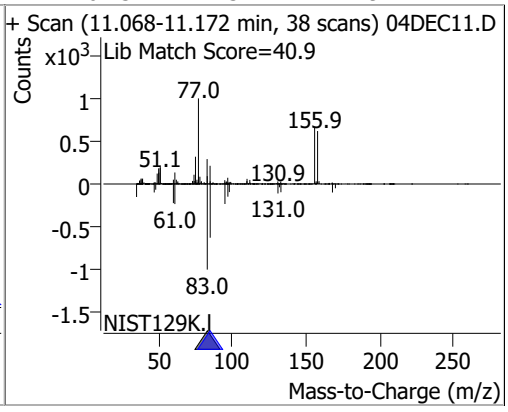




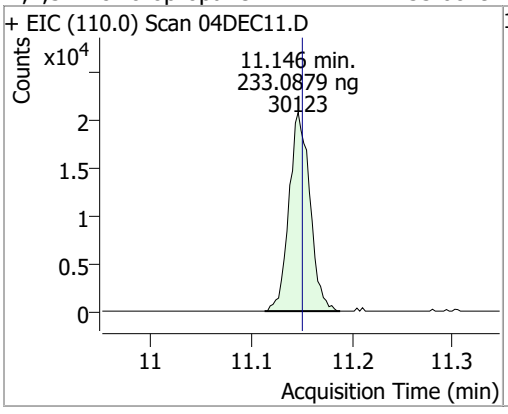
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	241.9826	11.11	0.00	117955	85.0	64.3	34.1	94.1

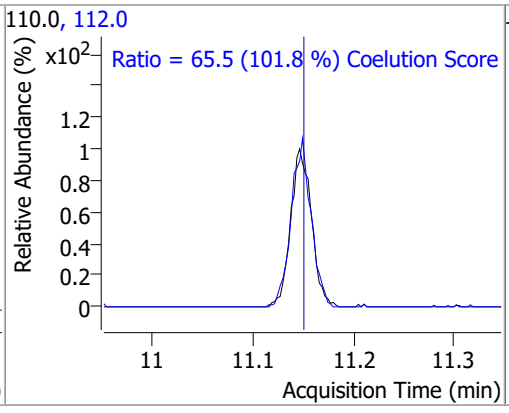


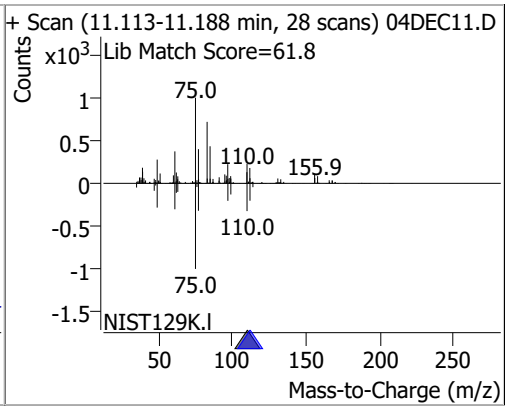




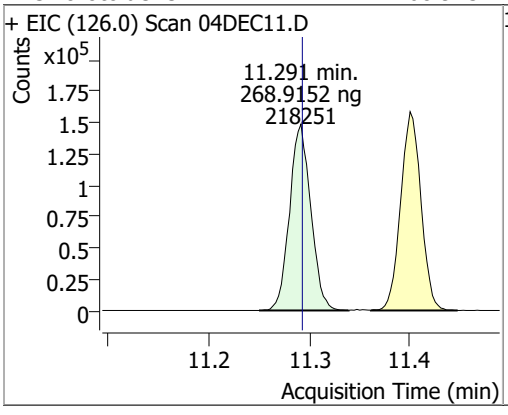
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	233.0879	11.15	0.00	30123	112.0	65.5	34.3	94.3

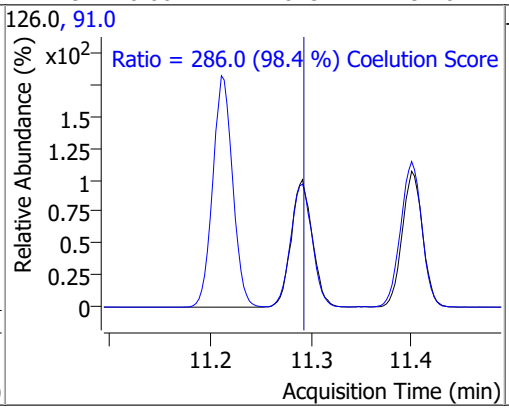


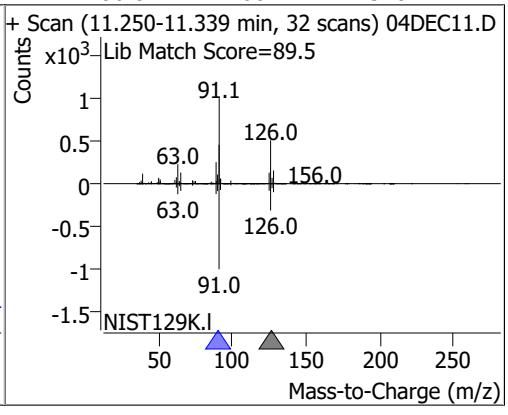




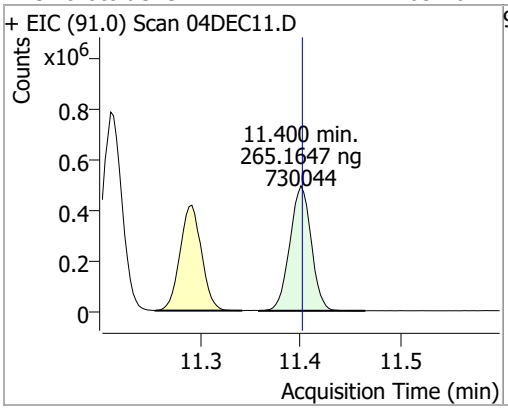
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	268.9152	11.29	0.00	218251	91.0	286.0	260.7	320.7

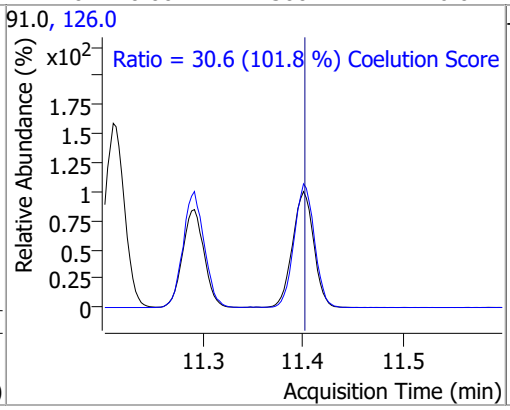


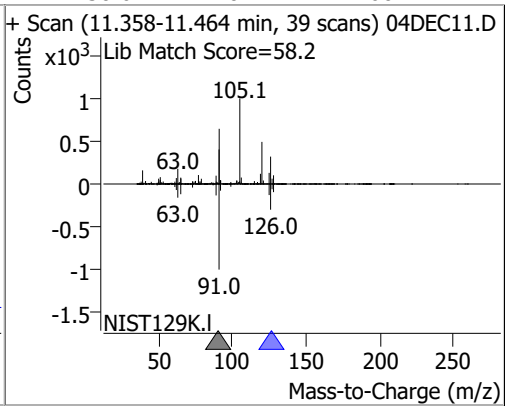




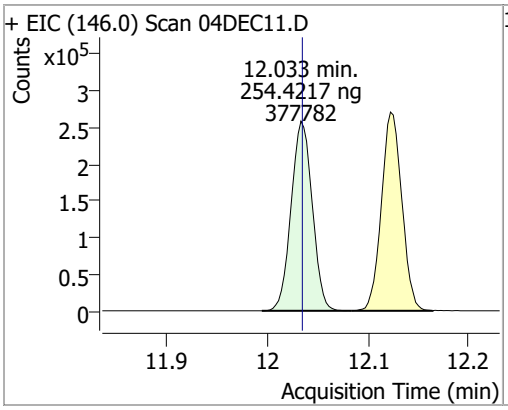
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	265.1647	11.40	0.00	730044	126.0	30.6	0.1	60.1

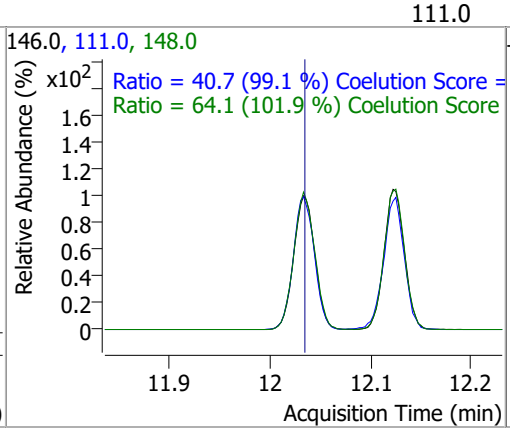


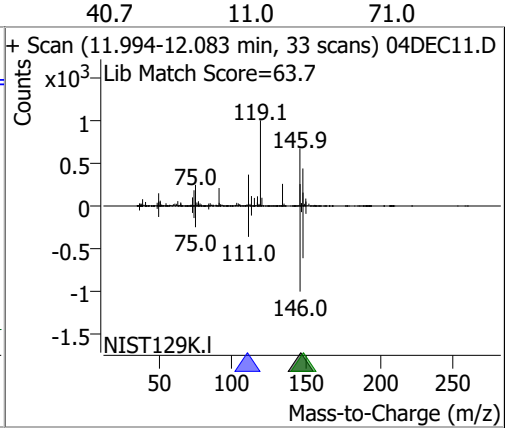




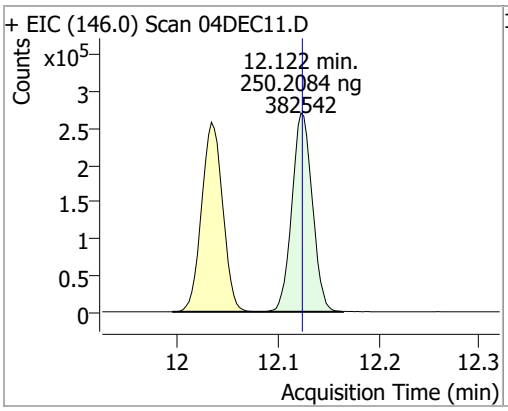
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	254.4217	12.03	0.00	377782	148.0	64.1	32.9	92.9
					111.0	40.7	11.0	71.0

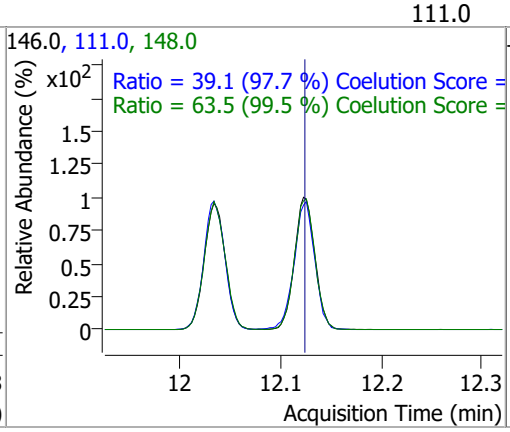


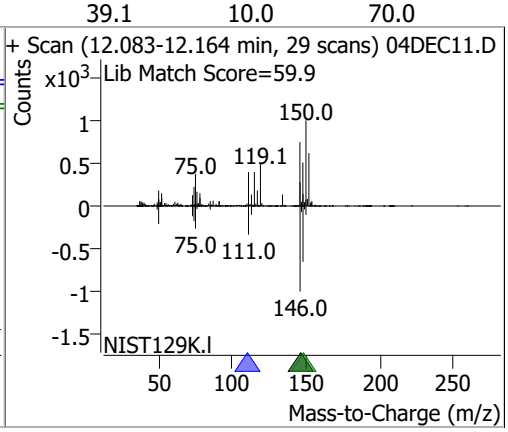




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	250.2084	12.12	0.00	382542	148.0	63.5	33.8	93.8
					111.0	39.1	10.0	70.0

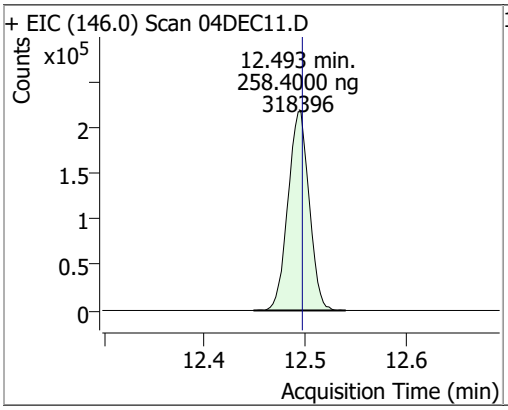


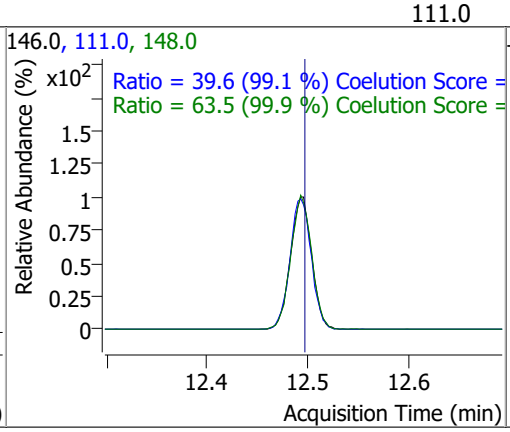


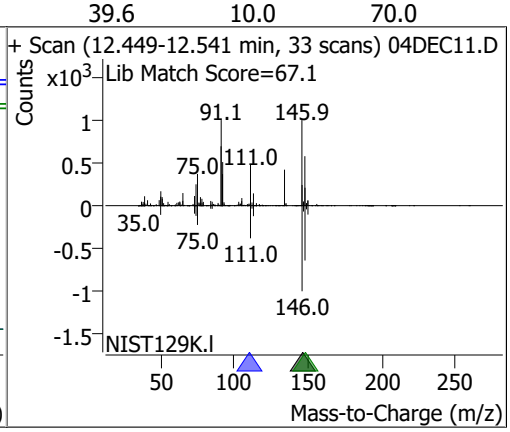


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	258.4000	12.49	0.00	318396	148.0	63.5	33.5	93.5
					111.0	39.6	10.0	70.0

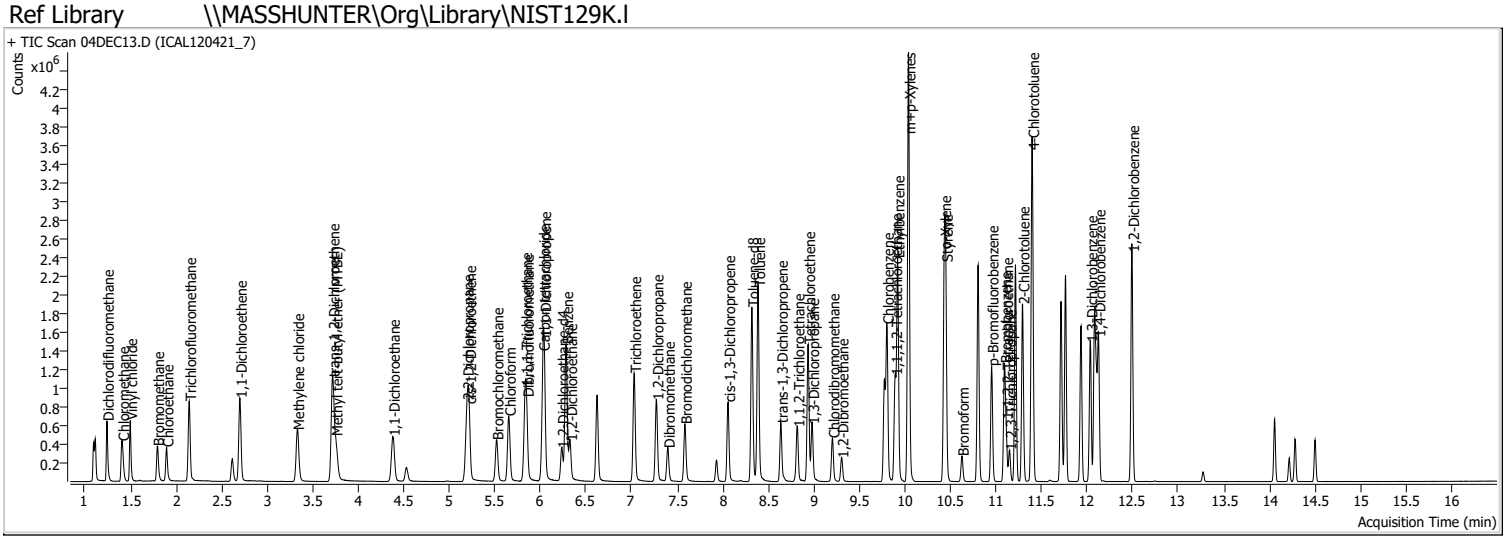






Quantitation Results Report (QT Reviewed)

Data File	04DEC13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 5:09:43 PM
Sample Name	ICAL120421_7	Instrument	VOA5975C
Vial	13	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

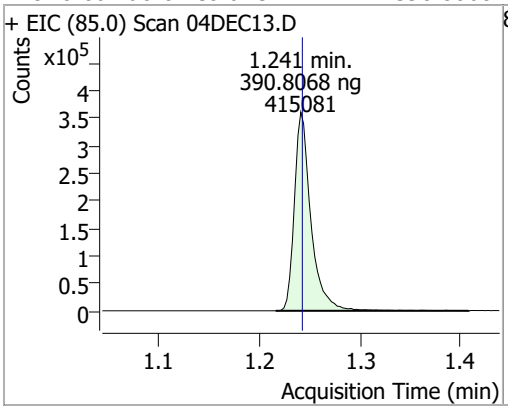


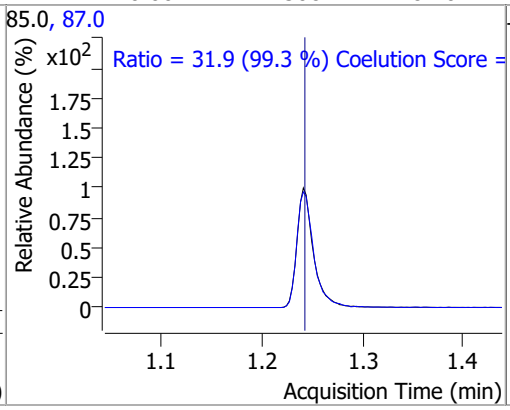
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	769649	250.0000	ng		0.000
M Chlorobenzene-d5	9.771	82.0	286913	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	239655	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.848	113.0	278725	380.2543	ng		0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 152.10%		*	
S 1,2-Dichloroethane-d4	6.230	67.0	127417	377.8170	ng		-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 151.13%		*	
S Toluene-d8	8.319	98.0	1141013	402.5937	ng		-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 161.04%		*	
S p-Bromofluorobenzene	10.951	95.0	354768	385.6761	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 154.27%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	415081	390.8068	ng		100
T Chloromethane	1.408	50.0	474584	388.6075	ng		97
T Vinyl chloride	1.498	62.0	456447	391.7214	ng		100
T Bromomethane	1.793	96.0	194847	375.6958	ng		99
T Chloroethane	1.896	64.0	241192	371.9599	ng		98
T Trichlorofluoromethane	2.145	101.0	591883	388.5876	ng		98
T 1,1-Dichloroethene	2.699	96.0	310594	381.7491	ng		99
T Methylene chloride	3.330	49.0	412074	365.5154	ng		98
T trans-1,2-Dichloroethene	3.717	96.0	309710	381.1991	ng		100
T Methyl tert-butyl ether (MTBE)	3.751	73.0	408710	398.2836	ng		98
T 1,1-Dichloroethane	4.378	63.0	592849	383.9885	ng		98
T 2,2-Dichloropropane	5.193	77.0	433526	378.5876	ng		99
T cis-1,2-Dichloroethene	5.218	96.0	321643	386.1453	ng		99
T Methyl ethyl ketone	5.193	43.0	0		ng	md	1
T Bromochloromethane	5.519	128.0	122561	385.1782	ng		99
T Chloroform	5.653	83.0	557495	376.3261	ng		100

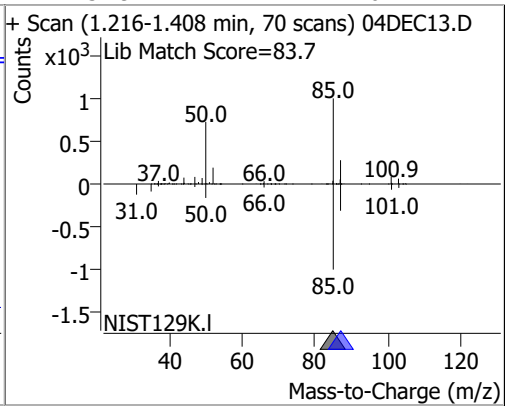
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	556193	389.3563	ng	99
T Carbon tetrachloride	6.026	117.0	548818	393.9684	ng	99
T 1,1-Dichloropropene	6.040	75.0	495384	398.2594	ng	100
T Benzene	6.280	78.0	1230440	388.6845	ng	100
T 1,2-Dichloroethane	6.325	62.0	312483	374.9977	ng	96
T Trichloroethene	7.027	95.0	362904	390.2836	ng	99
T 1,2-Dichloropropane	7.273	63.0	313881	406.0850	ng	97
T Dibromomethane	7.396	93.0	125965	388.3284	ng	98
T Bromodichloromethane	7.585	83.0	361139	394.0114	ng	99
T cis-1,3-Dichloropropene	8.059	75.0	418567	414.1459	ng	99
T Toluene	8.388	92.0	775412	402.9129	ng	98
T trans-1,3-Dichloropropene	8.636	75.0	296505	411.6613	ng	95
T 1,1,2-Trichloroethane	8.821	83.0	143137	382.4422	ng	98
T Tetrachloroethene	8.938	163.8	304306	395.0430	ng	98
T 1,3-Dichloropropane	8.982	76.0	301587	400.7159	ng	100
T Chlorodibromomethane	9.205	129.0	221034	394.9737	ng	96
T 1,2-Dibromoethane	9.303	107.0	159181	395.8191	ng	98
T Chlorobenzene	9.802	112.0	814730	389.6071	ng	98
T 1,1,1,2-Tetrachloroethane	9.891	131.0	280946	383.1219	ng	99
T Ethylbenzene	9.919	91.0	1500749	408.8124	ng	100
T m+p-Xylenes	10.039	106.0	1172495	826.0020	ng	98
T o-Xylene	10.430	106.0	518941	411.3070	ng	99
T Styrene	10.449	104.0	849137	418.9104	ng	99
T Bromoform	10.625	172.5	118688	395.6878	ng	99
T Bromobenzene	11.093	156.0	308707	378.0439	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	176611	366.6639	ng	100
T 1,2,3-Trichloropropane	11.149	110.0	45431	355.7594	ng	100
T 2-Chlorotoluene	11.291	126.0	326022	406.5262	ng	96
T 4-Chlorotoluene	11.397	91.0	1078848	396.5605	ng	99
T 1,3-Dichlorobenzene	12.036	146.0	562743	383.5355	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	567507	375.6440	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	469313	385.4518	ng	99

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

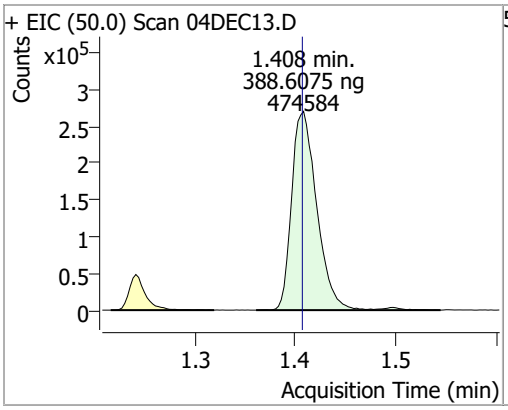
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	390.8068	1.24	0.00	415081	87.0	31.9	2.1	62.1

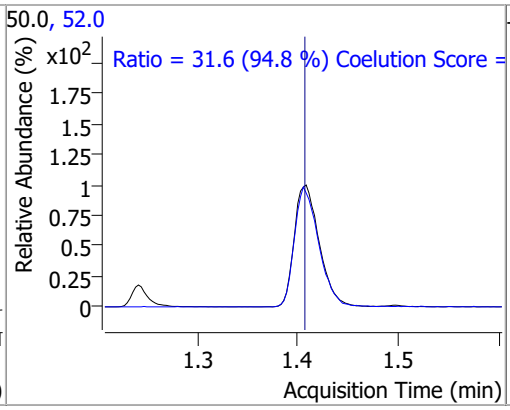


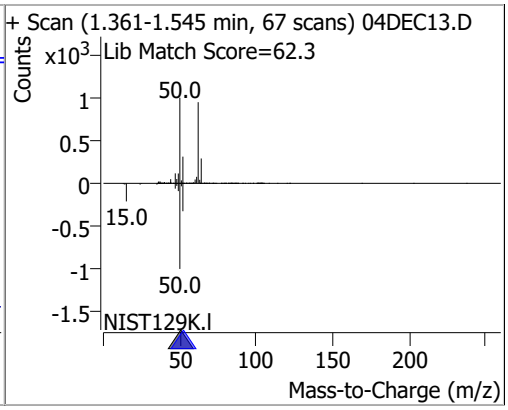




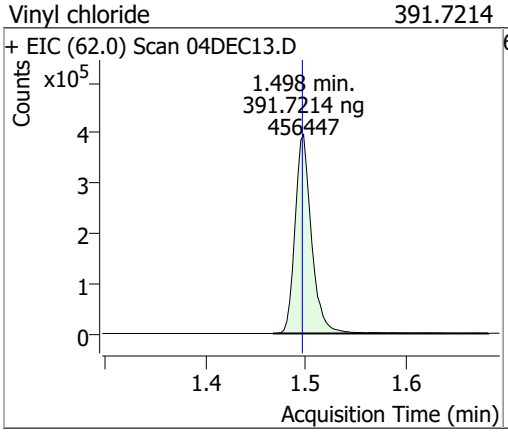
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	388.6075	1.41	0.00	474584	52.0	31.6	3.4	63.4

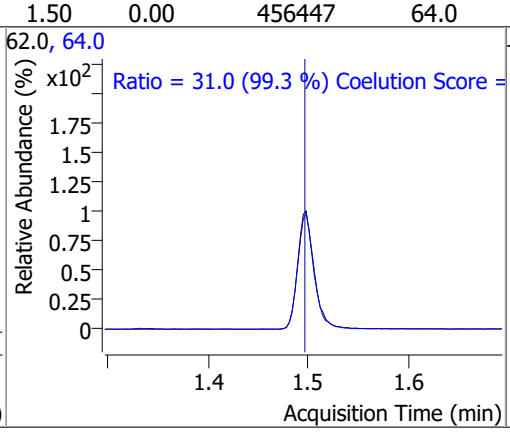


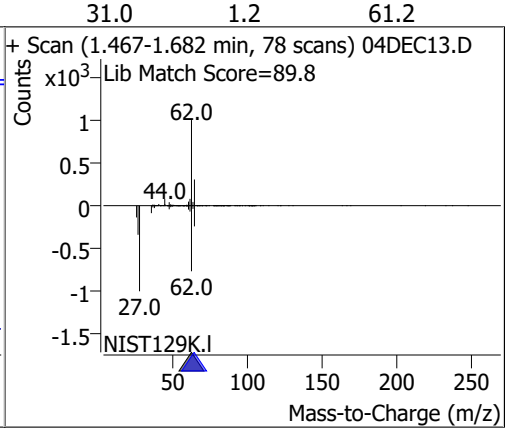




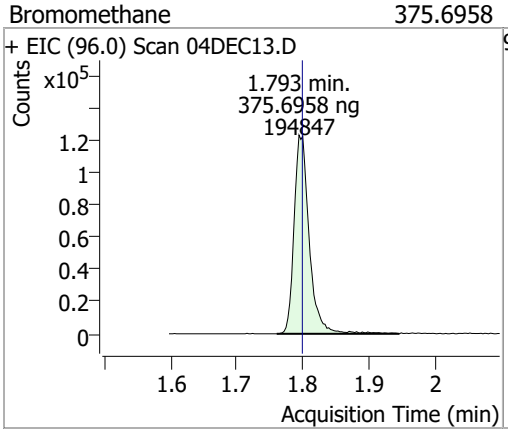
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	391.7214	1.50	0.00	456447	64.0	31.0	1.2	61.2

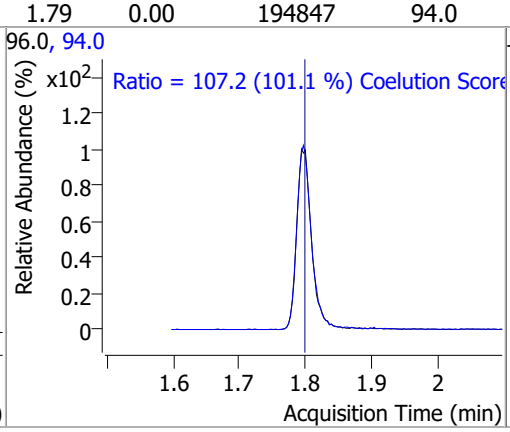


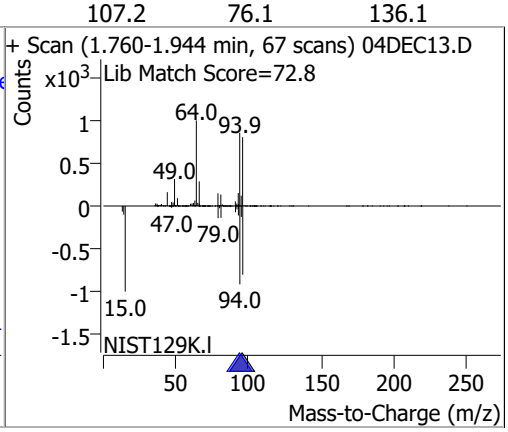




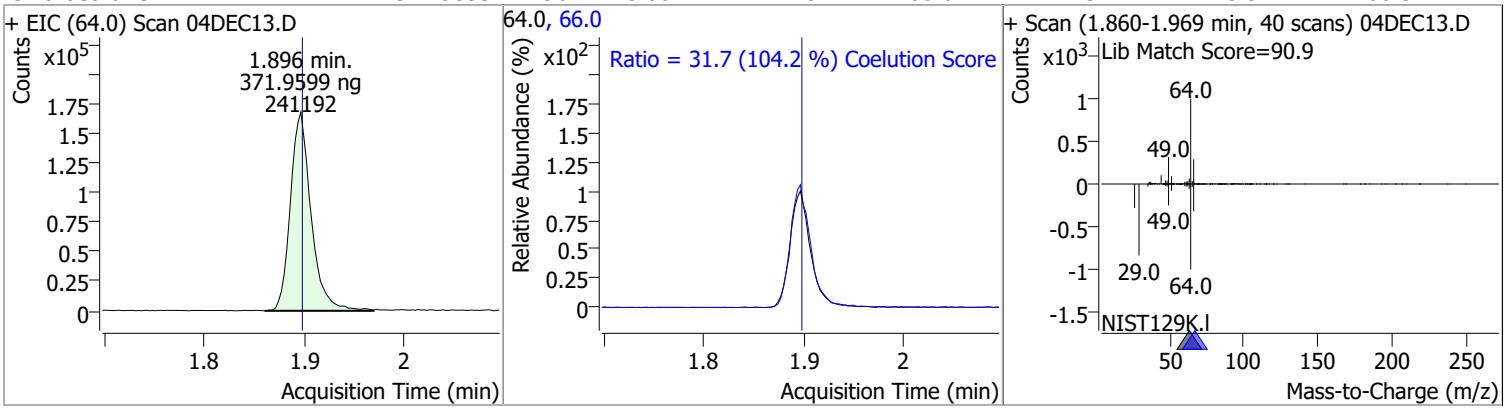
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	375.6958	1.79	0.00	194847	94.0	107.2	76.1	136.1



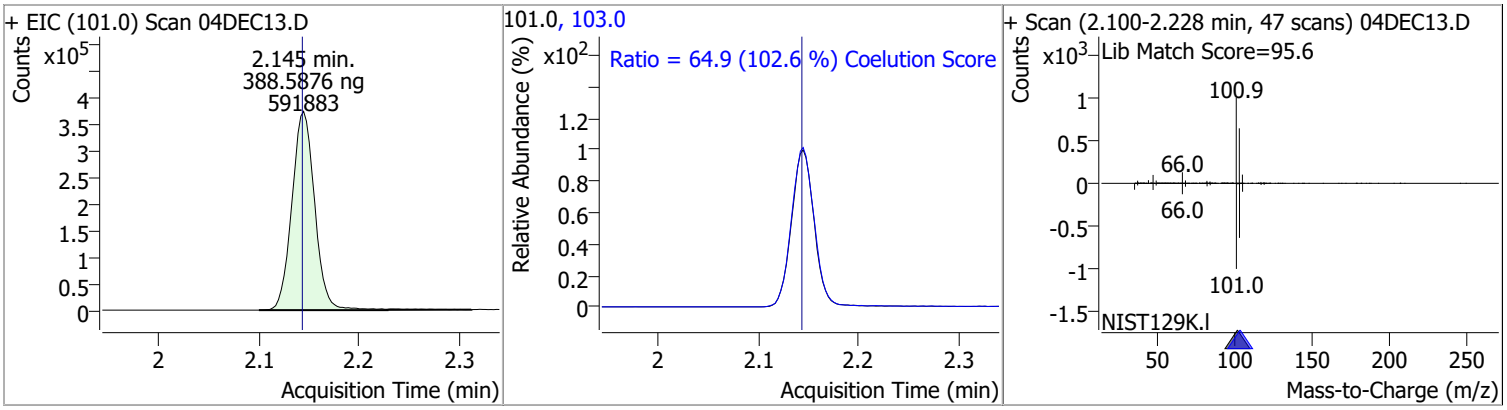




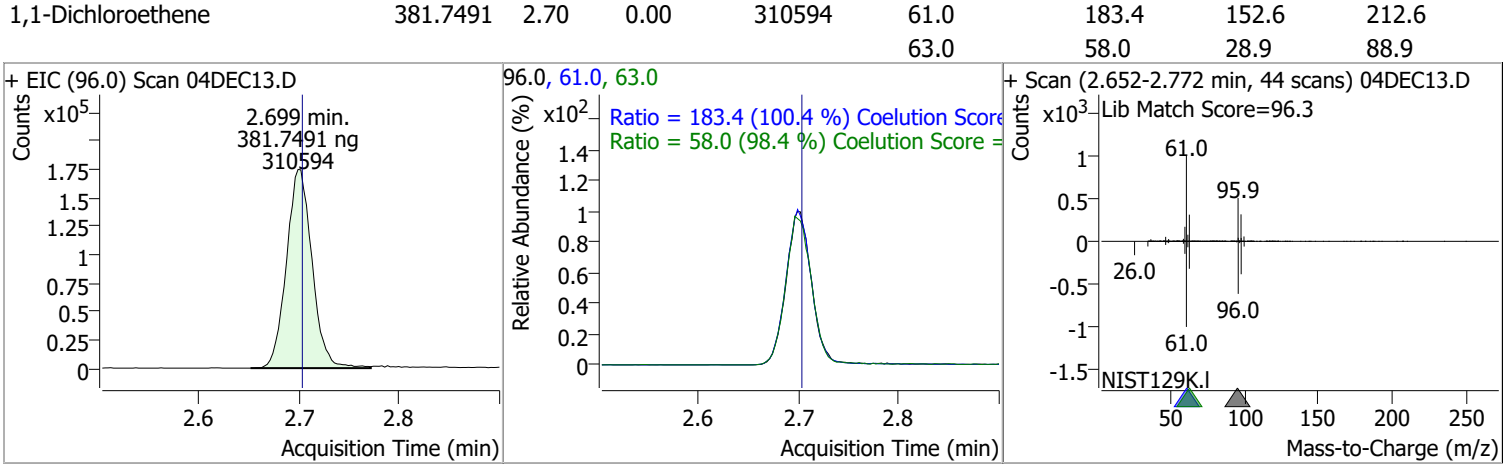
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	371.9599	1.90	0.00	241192	66.0	31.7	0.5	60.5



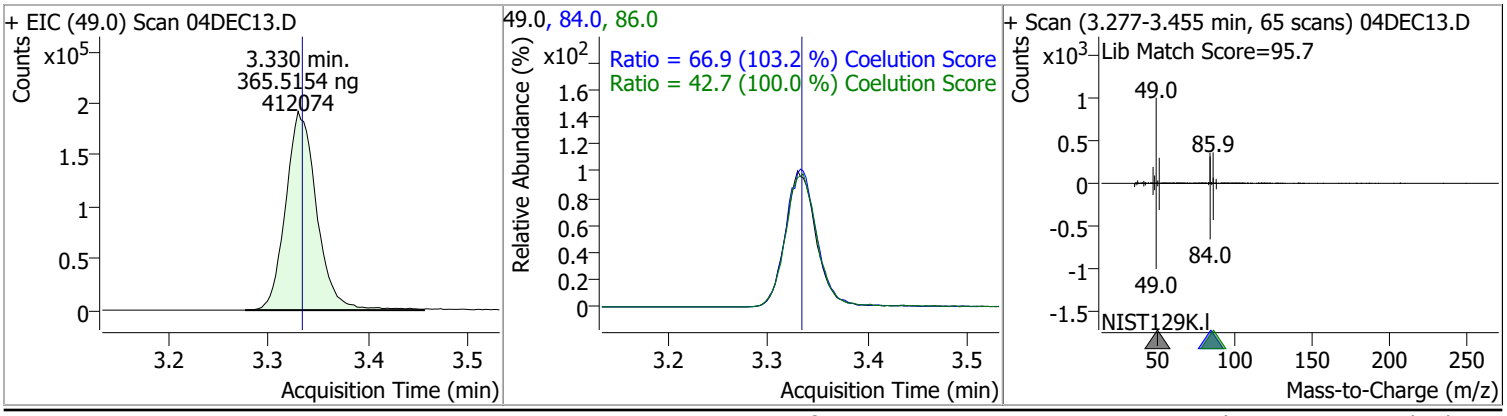
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	388.5876	2.14	0.00	591883	103.0	64.9	33.3	93.3



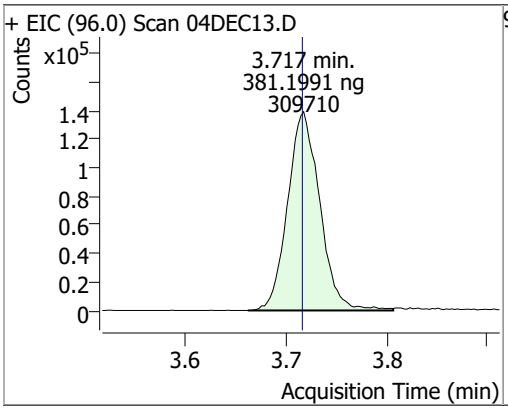
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	381.7491	2.70	0.00	310594	61.0	183.4	152.6	212.6
					63.0	58.0	28.9	88.9

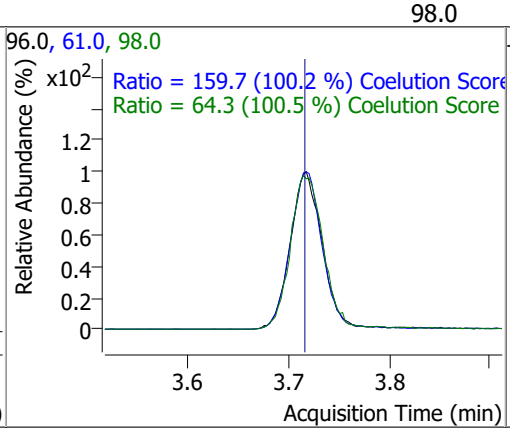


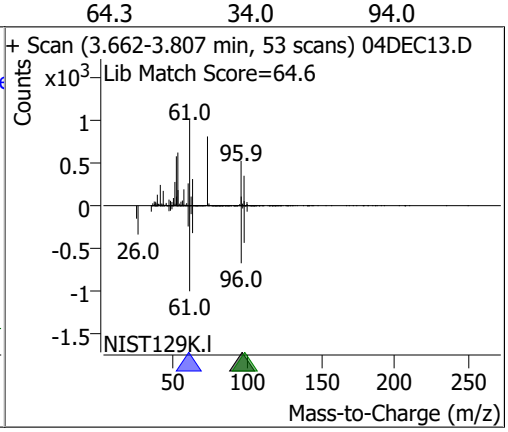
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	365.5154	3.33	0.00	412074	84.0	66.9	34.8	94.8
					86.0	42.7	12.7	72.7



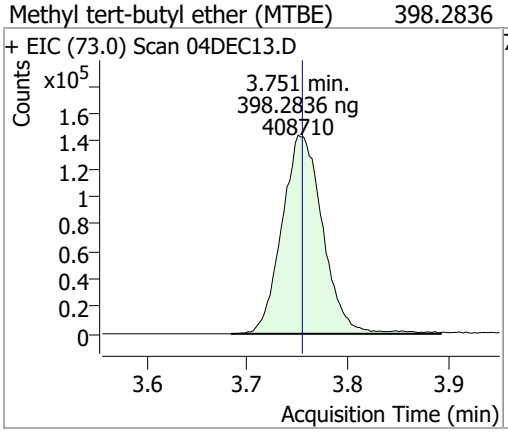
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	381.1991	3.72	0.00	309710	61.0	159.7	129.4	189.4
					98.0	64.3	34.0	94.0

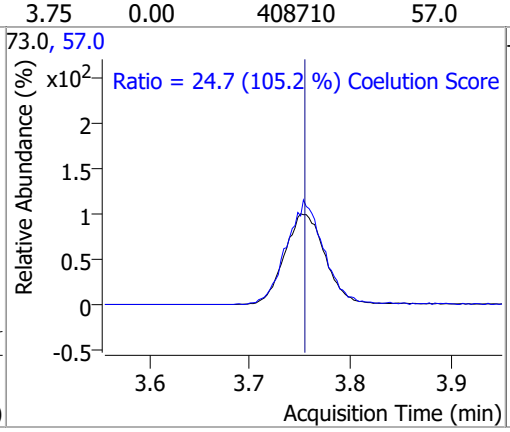


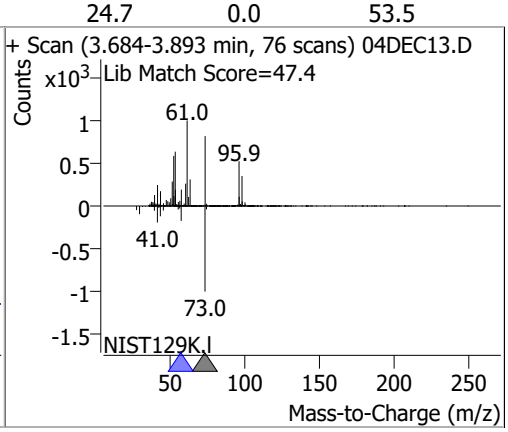




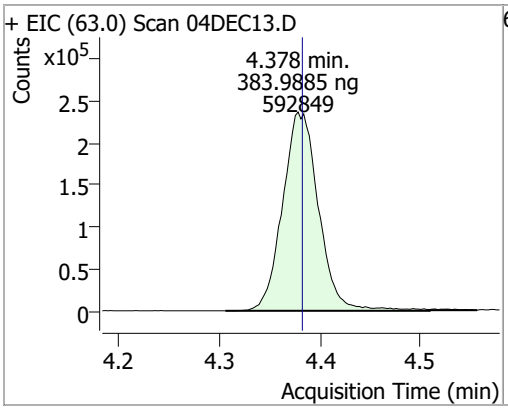
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	398.2836	3.75	0.00	408710	57.0	24.7	0.0	53.5

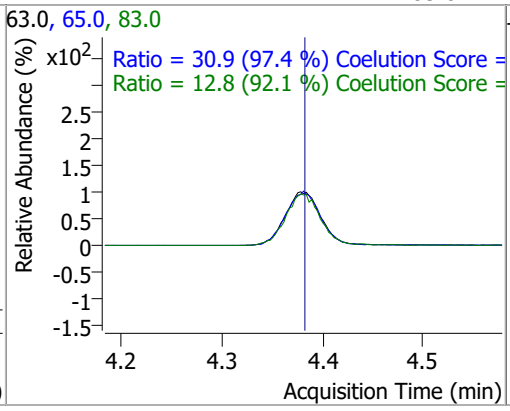


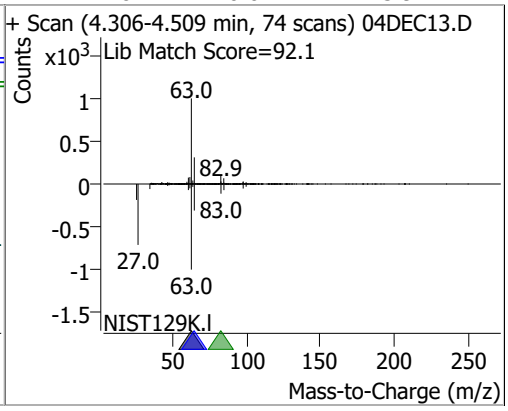




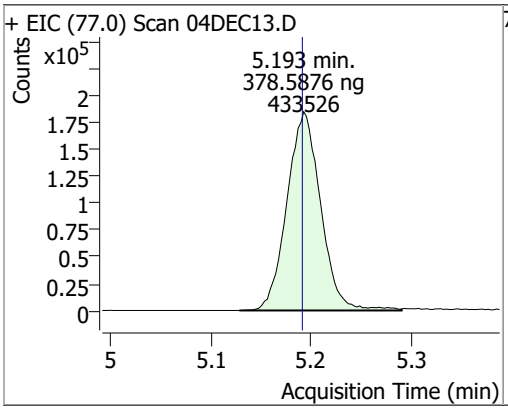
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	383.9885	4.38	0.00	592849	65.0	30.9	1.7	61.7
					83.0	12.8	0.0	43.9

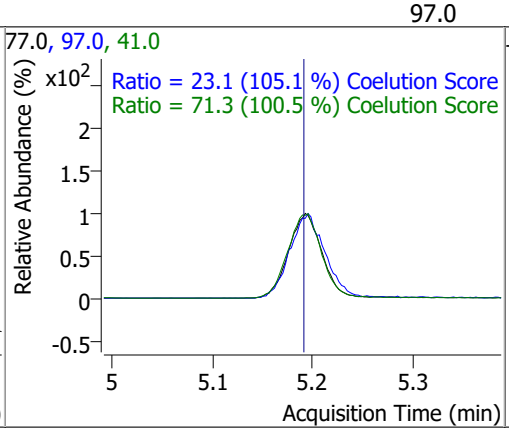


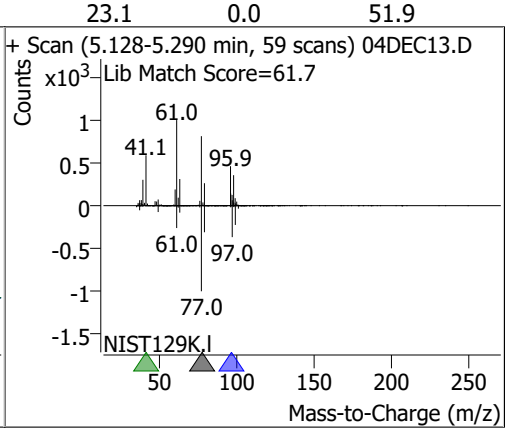




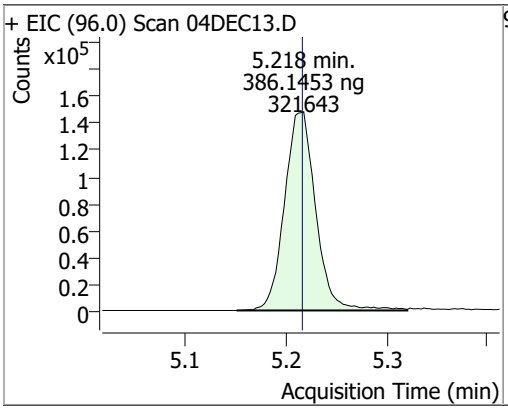
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	378.5876	5.19	0.00	433526	41.0	71.3	41.0	101.0
					97.0	23.1	0.0	51.9

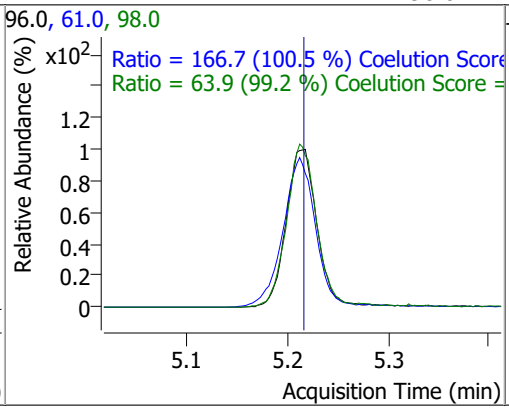


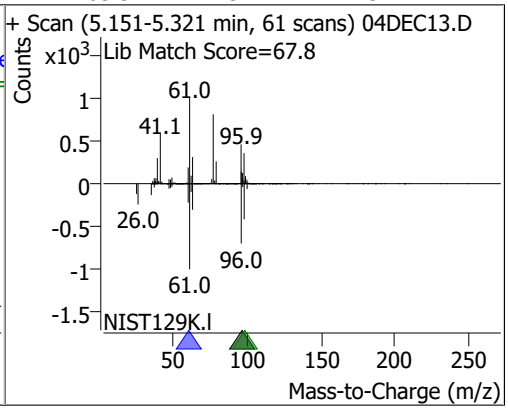




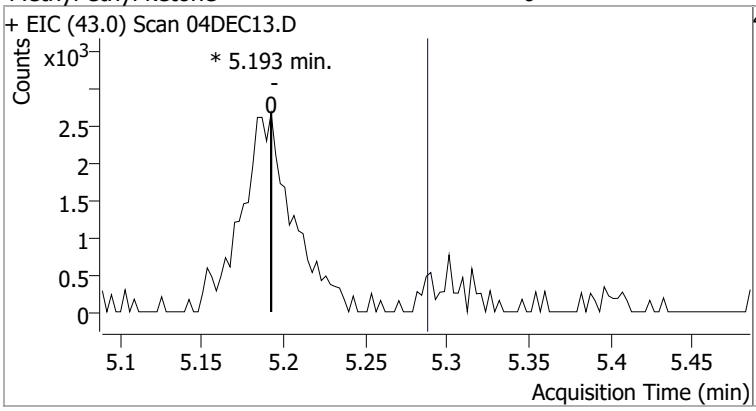
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	386.1453	5.22	0.00	321643	61.0	166.7	135.9	195.9
					98.0	63.9	34.4	94.4

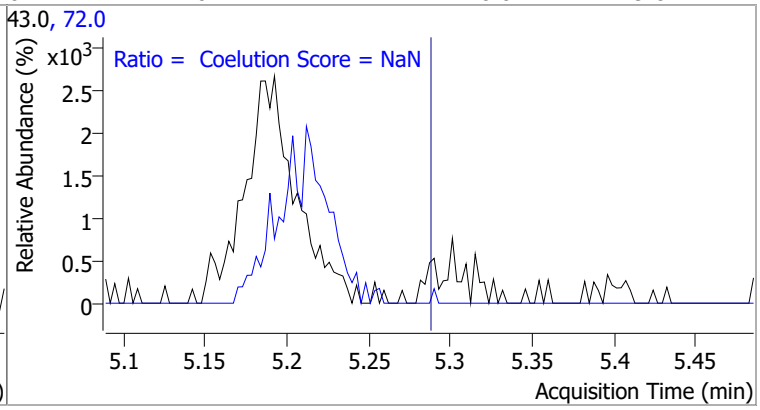




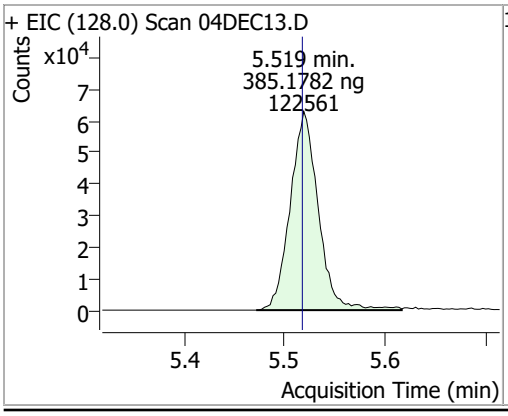


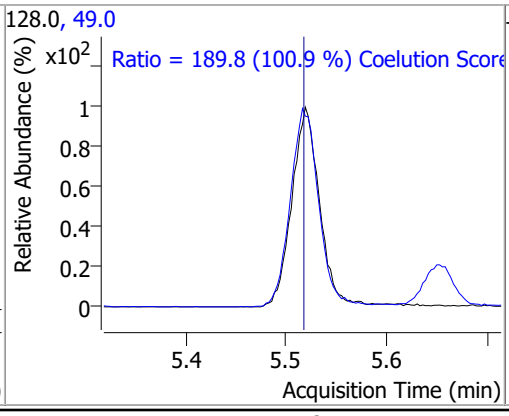
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone		0		0	72.0		0.0	49.8

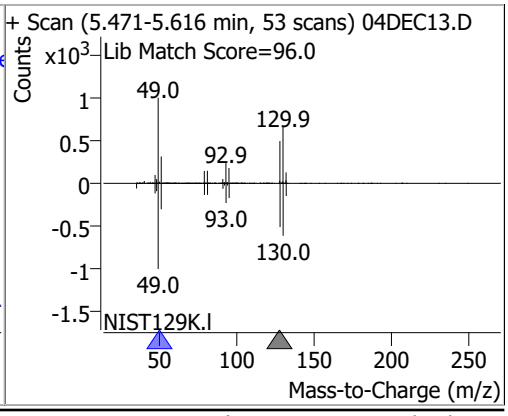




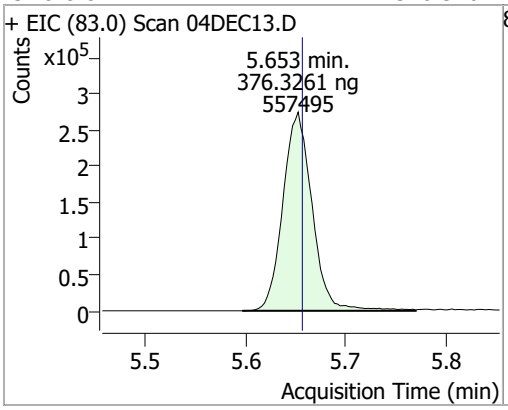
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	385.1782	5.52	0.00	122561	49.0	189.8	158.1	218.1

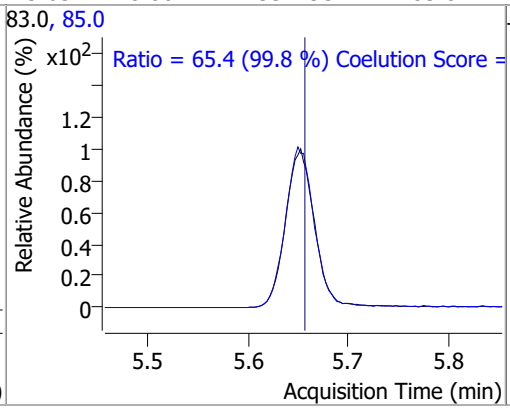


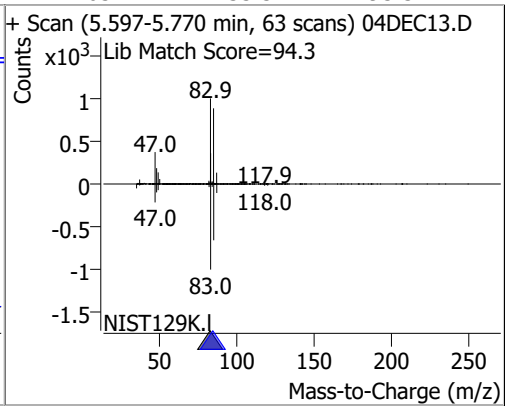




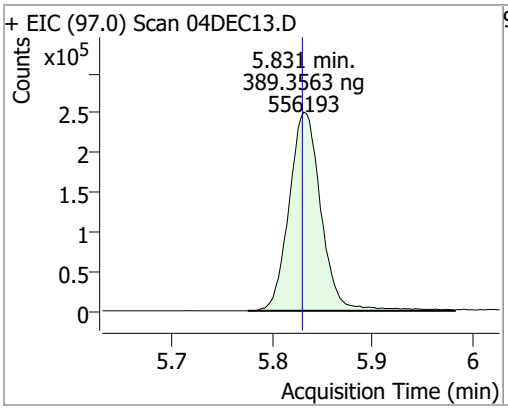
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	376.3261	5.65	0.00	557495	85.0	65.4	35.5	95.5

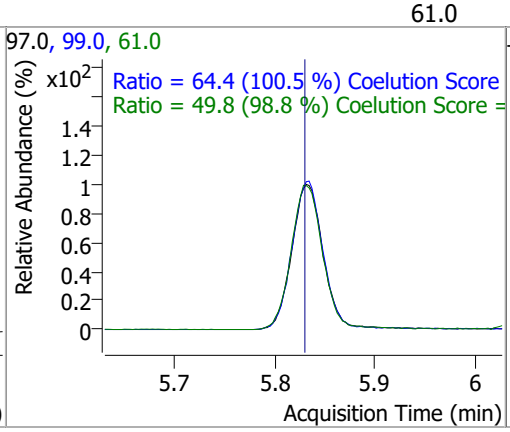


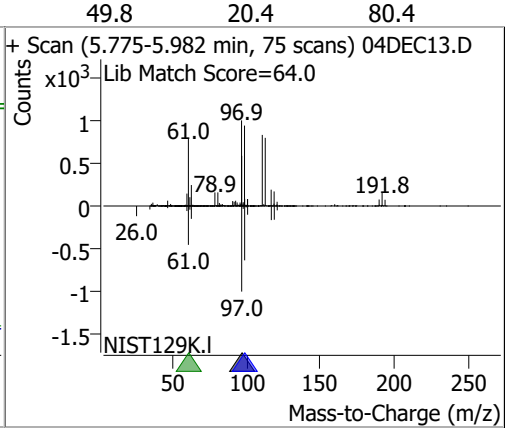




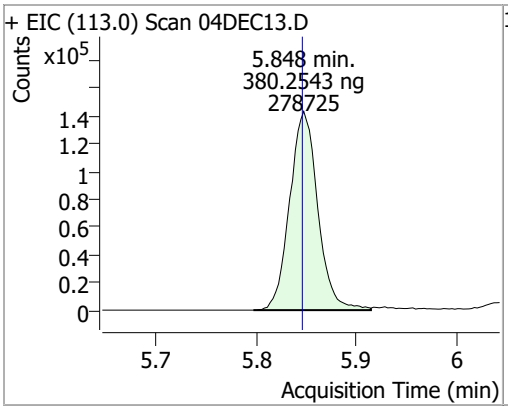
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	389.3563	5.83	0.00	556193	99.0	64.4	34.0	94.0
					61.0	49.8	20.4	80.4

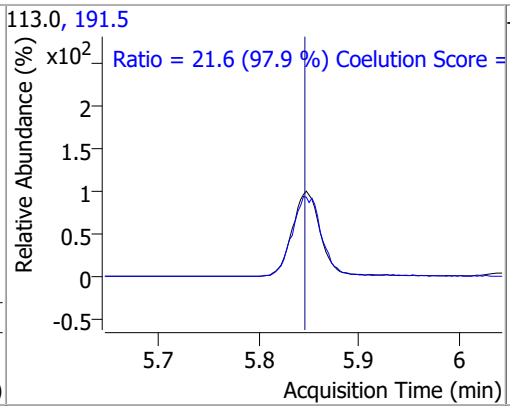


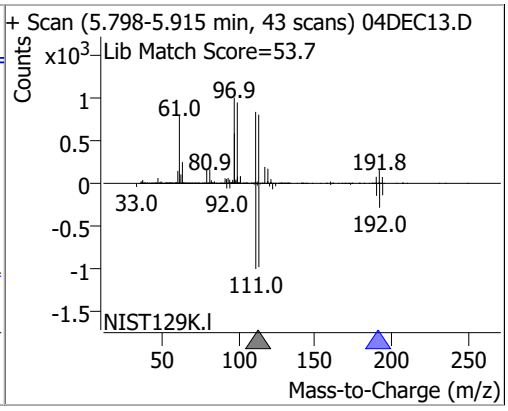




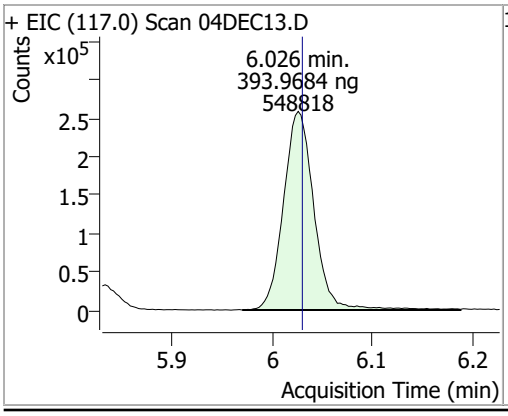
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	380.2543	5.85	0.00	278725	191.5	21.6	0.0	52.1

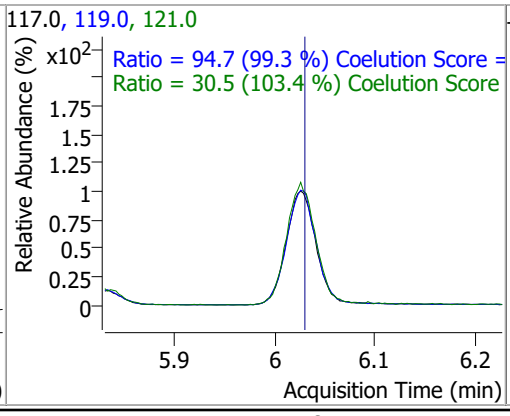


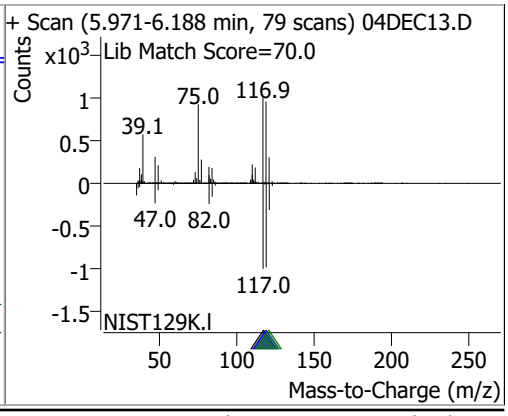




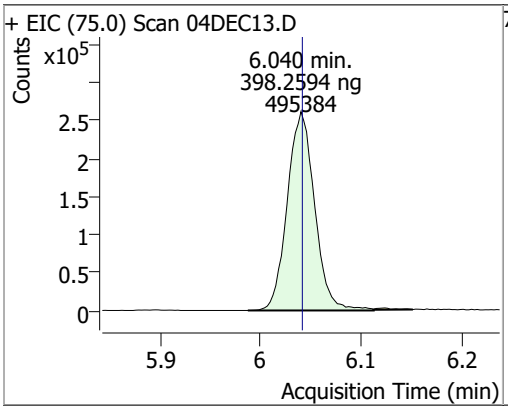
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	393.9684	6.03	0.00	548818	119.0	94.7	65.4	125.4
					121.0	30.5	0.0	59.5

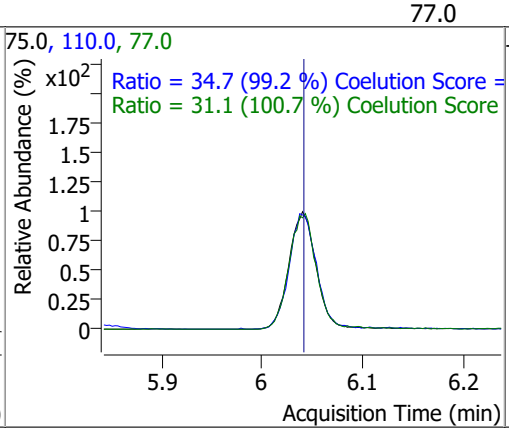


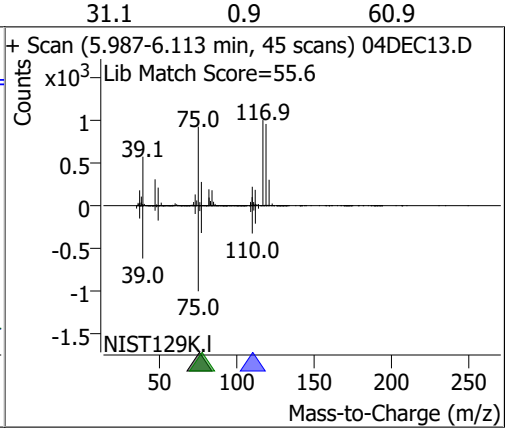




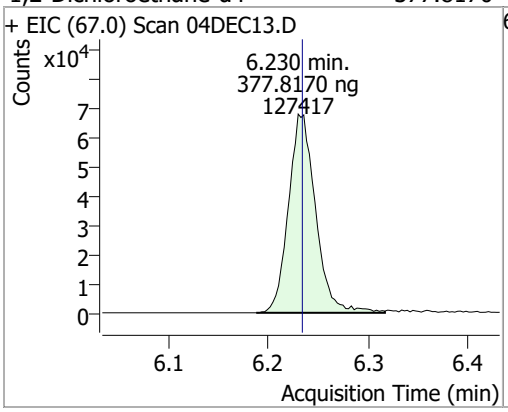
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	398.2594	6.04	0.00	495384	110.0	34.7	5.0	65.0
					77.0	31.1	0.9	60.9

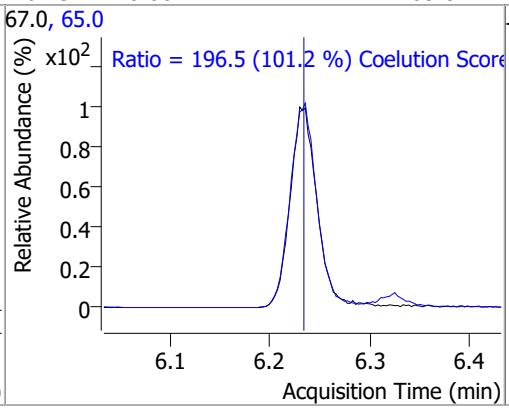


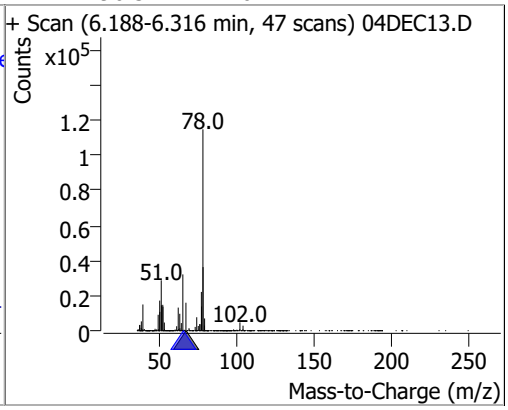




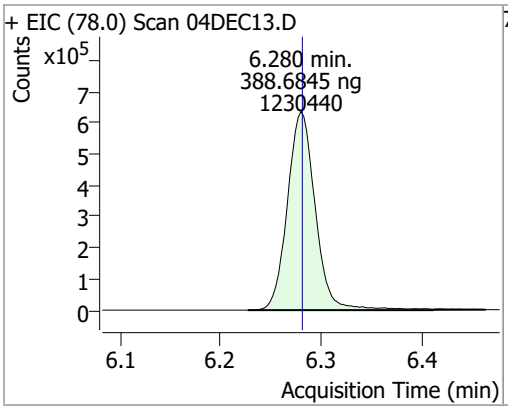
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	377.8170	6.23	0.00	127417	65.0	196.5	164.2	224.2

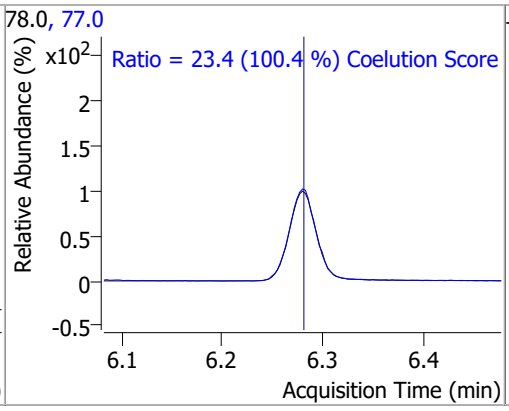


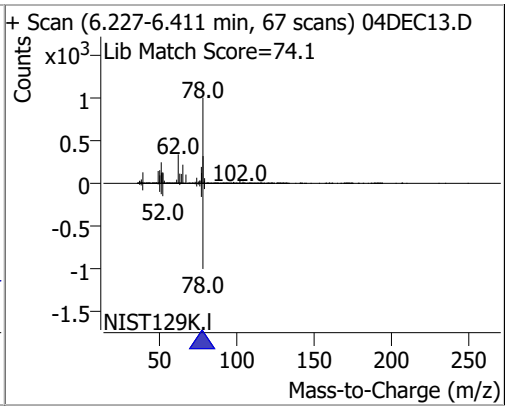




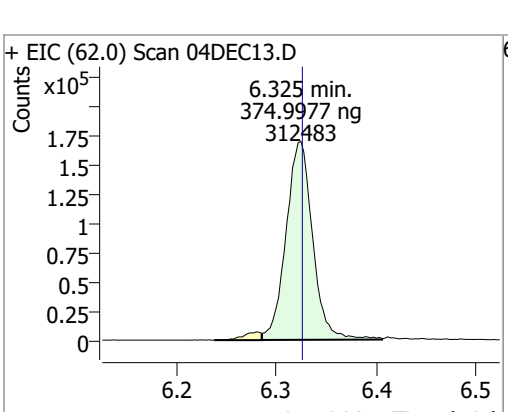
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	388.6845	6.28	0.00	1230440	77.0	23.4	0.0	53.3

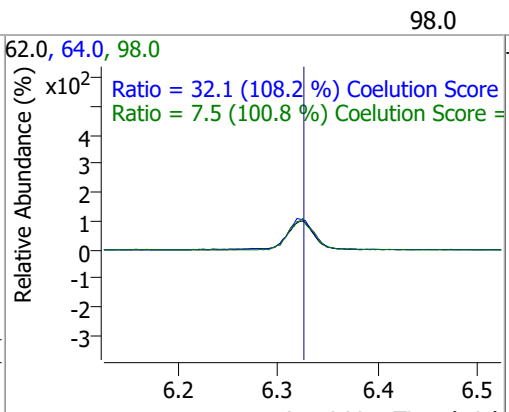


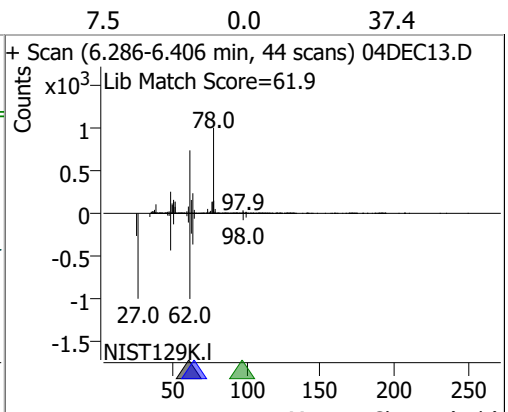




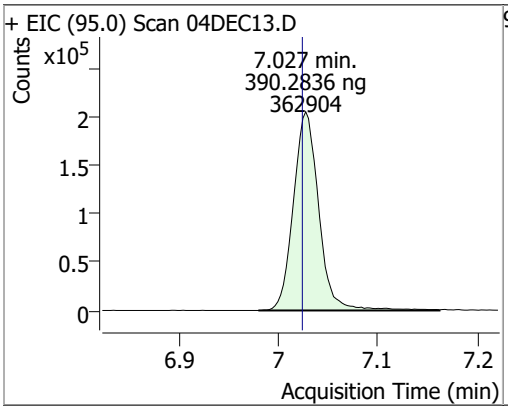
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	374.9977	6.32	0.00	312483	64.0	32.1	0.0	59.6
					98.0	7.5	0.0	37.4

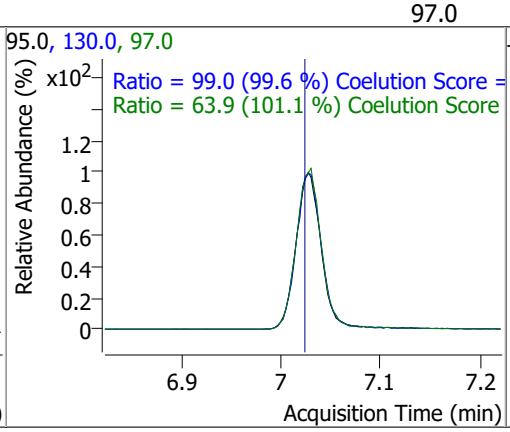


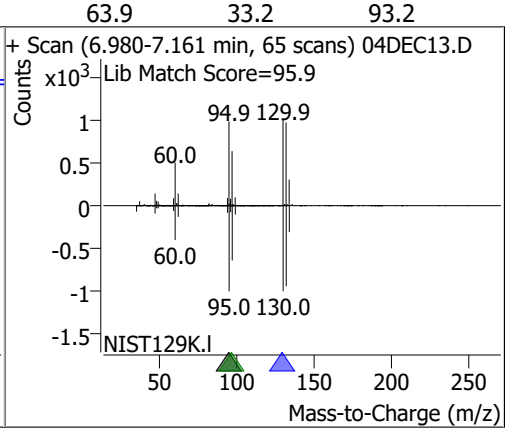




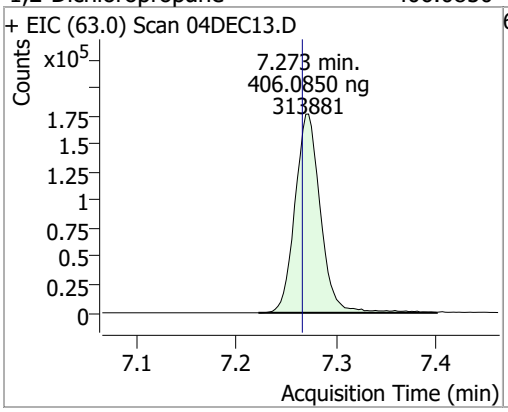
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	390.2836	7.03	0.00	362904	130.0	99.0	69.3	129.3
					97.0	63.9	33.2	93.2

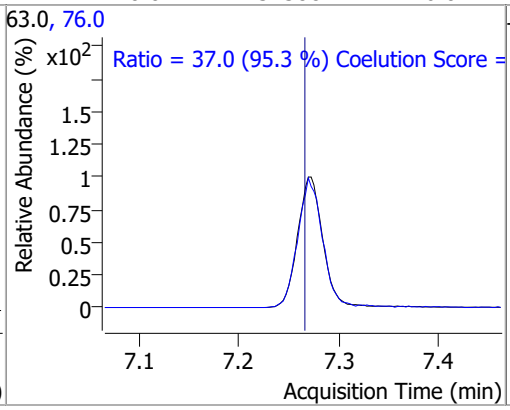


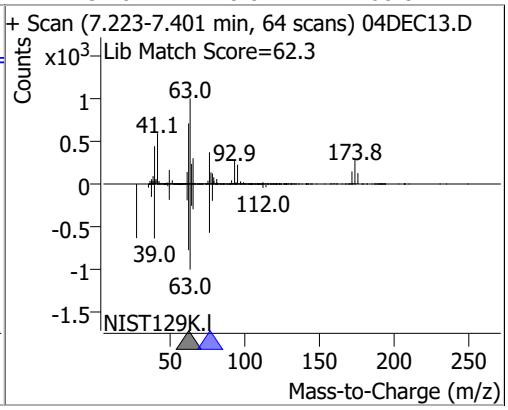




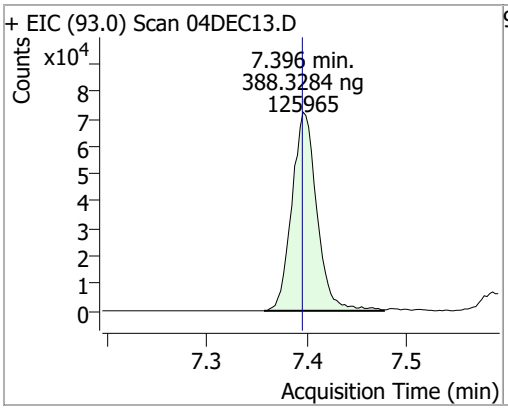
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	406.0850	7.27	0.01	313881	76.0	37.0	8.8	68.8

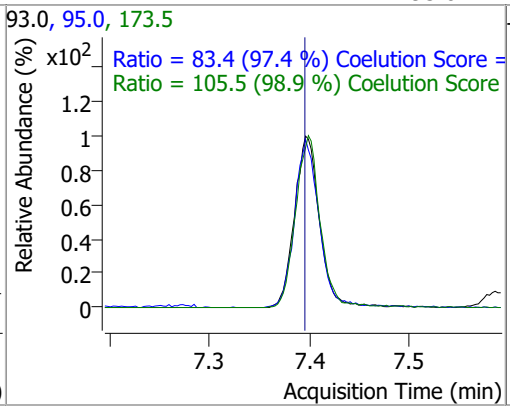


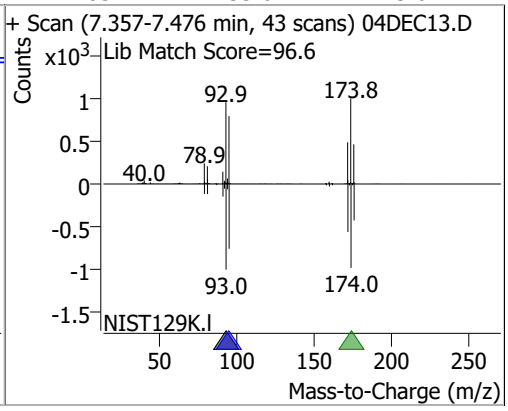




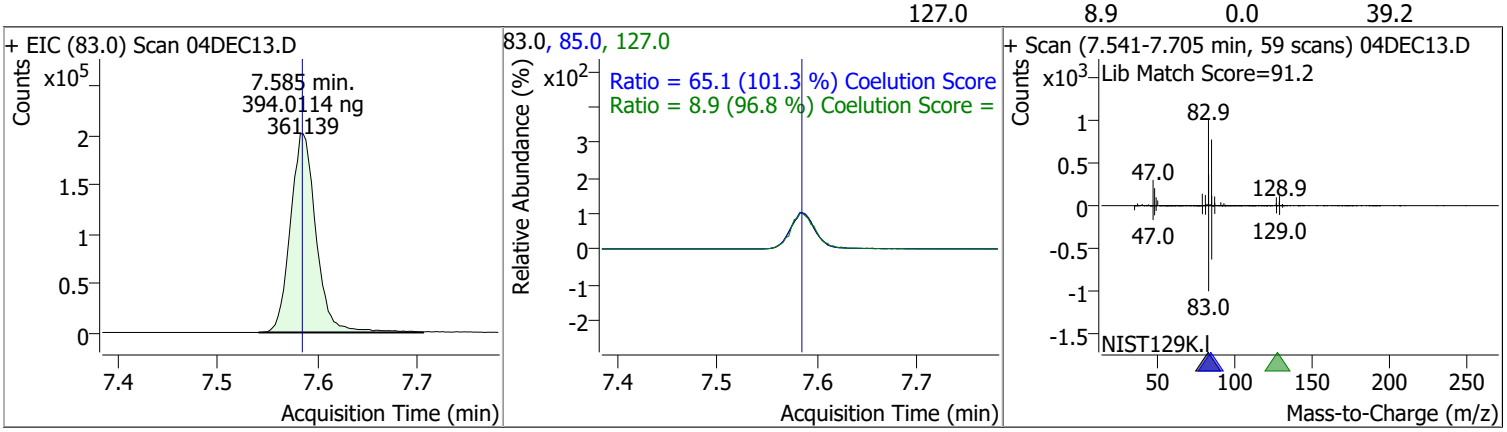
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	388.3284	7.40	0.00	125965	173.5	105.5	76.6	136.6
					95.0	83.4	55.6	115.6



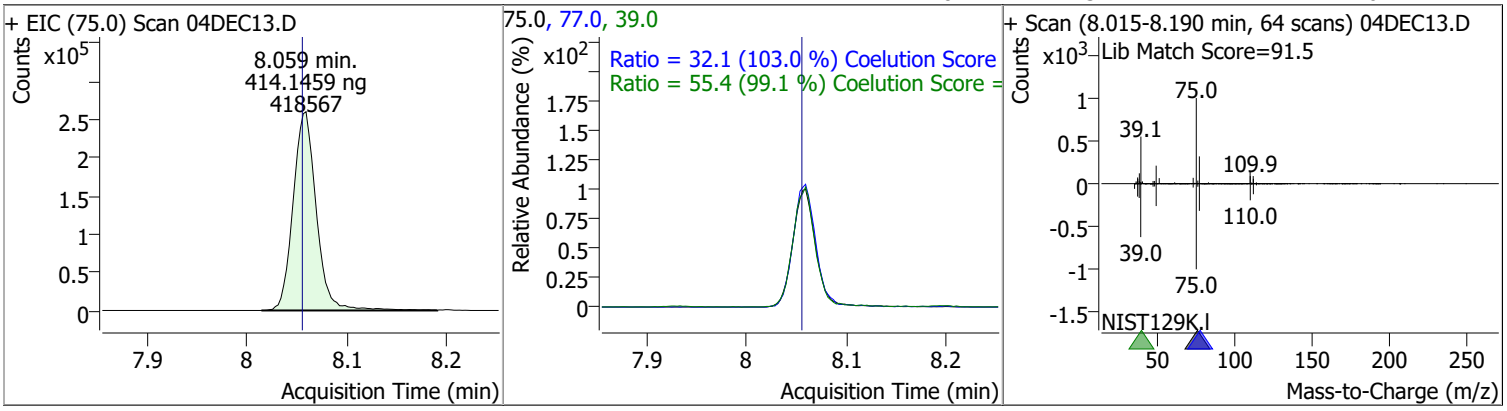




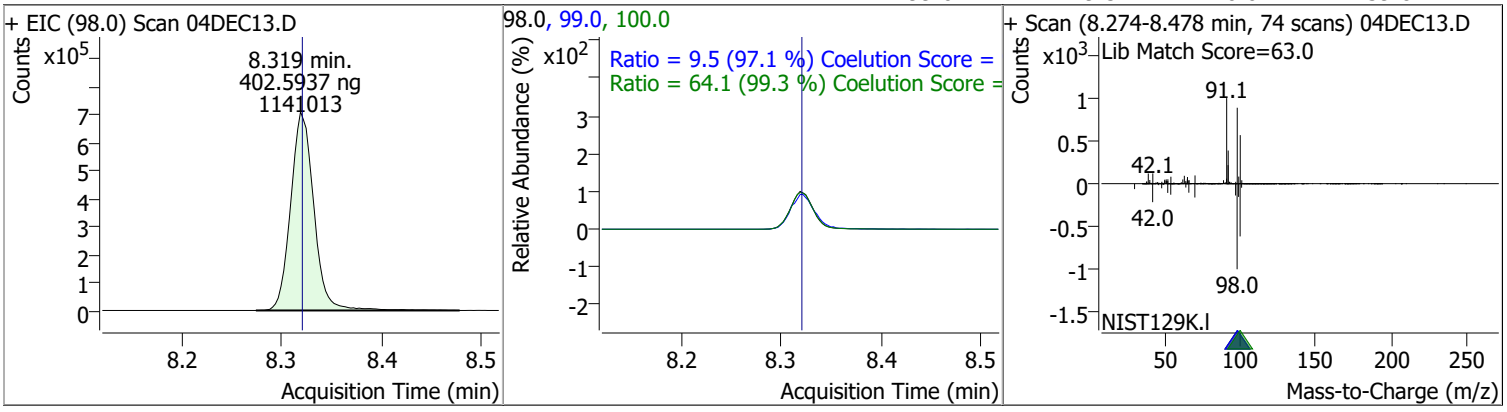
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	394.0114	7.59	0.00	361139	85.0	65.1	34.3	94.3
					127.0	8.9	0.0	39.2



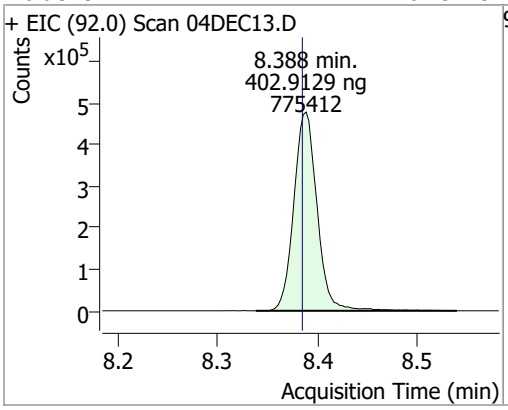
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	414.1459	8.06	0.00	418567	39.0	55.4	25.9	85.9
					77.0	32.1	1.2	61.2

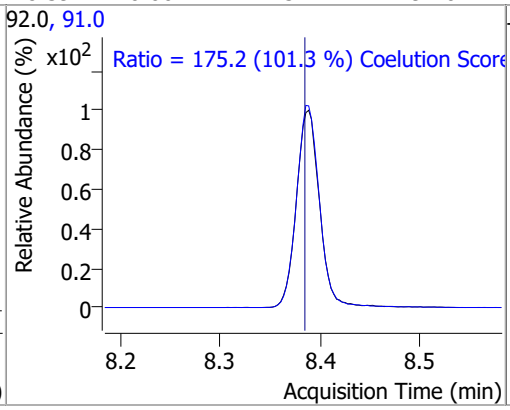


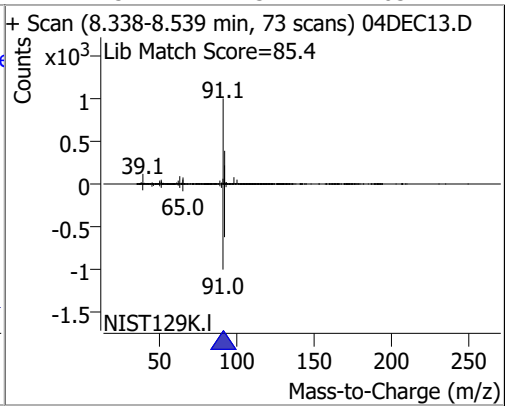
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	402.5937	8.32	0.00	1141013	100.0	64.1	34.6	94.6
					99.0	9.5	0.0	39.8



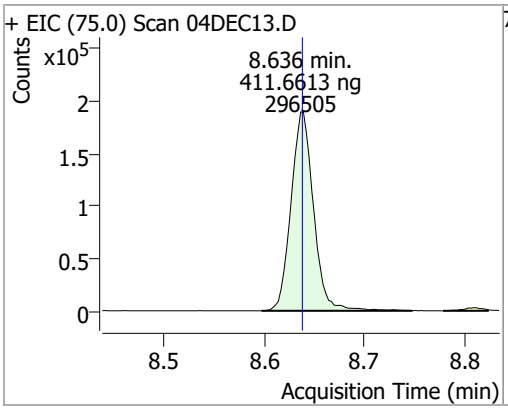
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	402.9129	8.39	0.00	775412	91.0	175.2	143.1	203.1

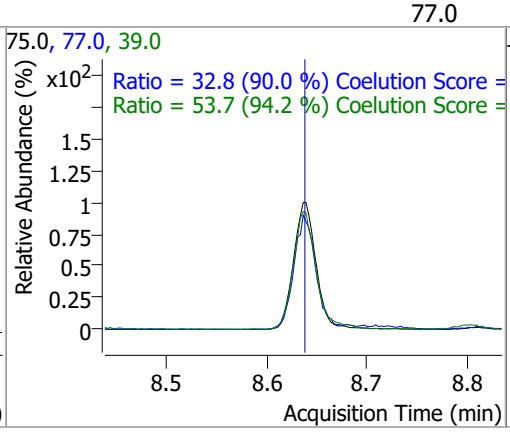


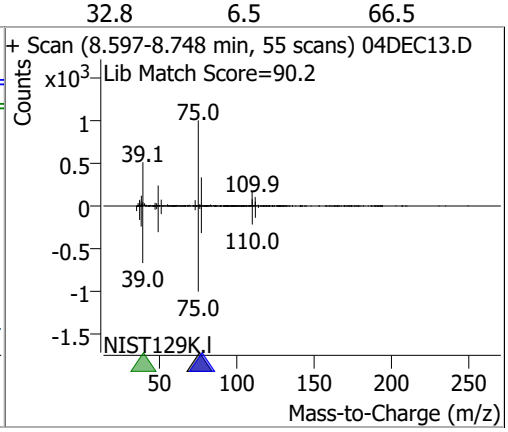




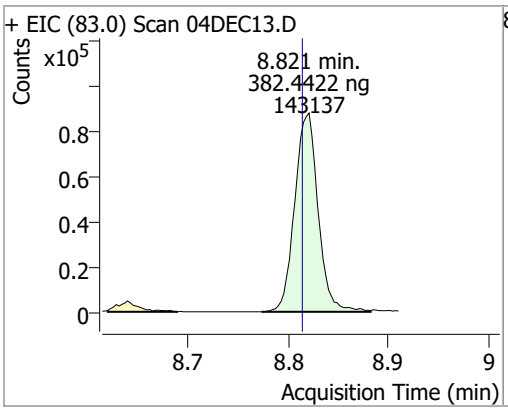
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	411.6613	8.64	0.00	296505	39.0	53.7	27.0	87.0
					77.0	32.8	6.5	66.5

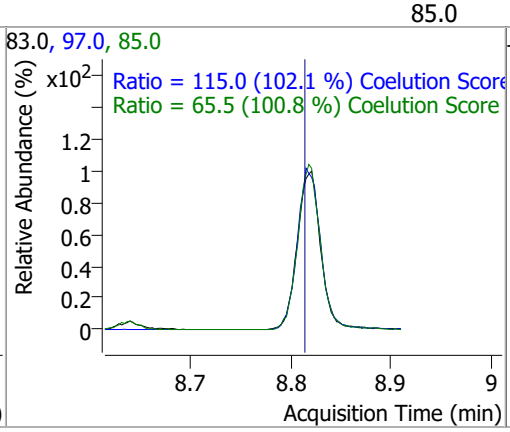


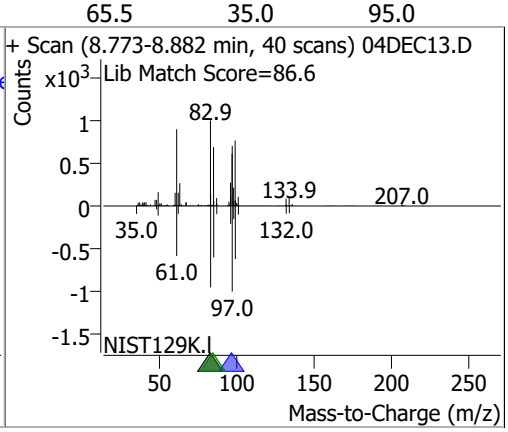




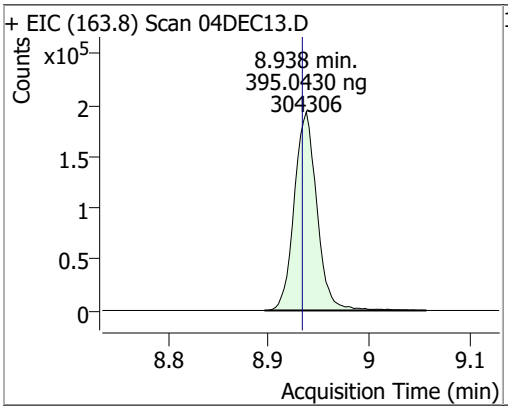
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	382.4422	8.82	0.01	143137	97.0	115.0	82.7	142.7
					85.0	65.5	35.0	95.0

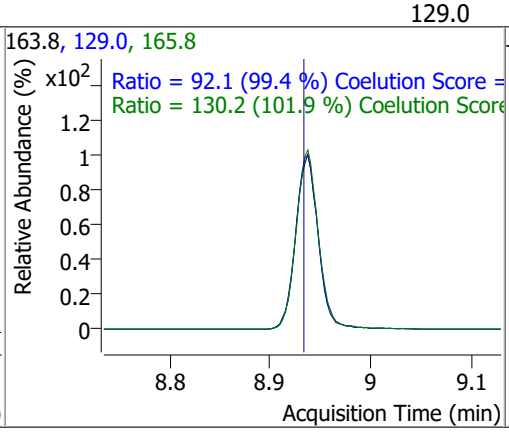


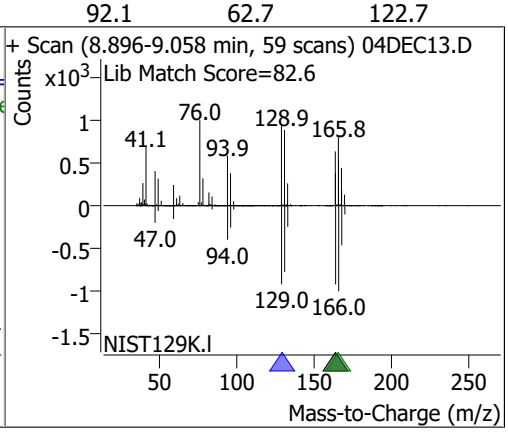




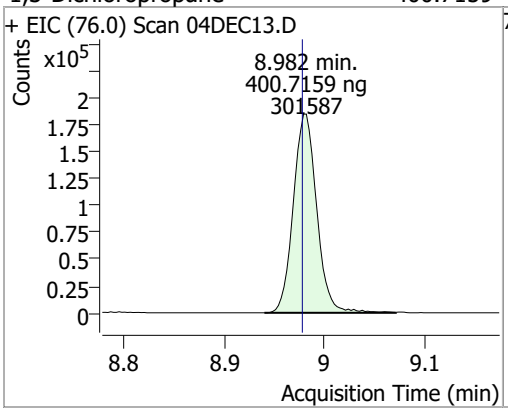
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	395.0430	8.94	0.00	304306	165.8	130.2	97.7	157.7
					129.0	92.1	62.7	122.7

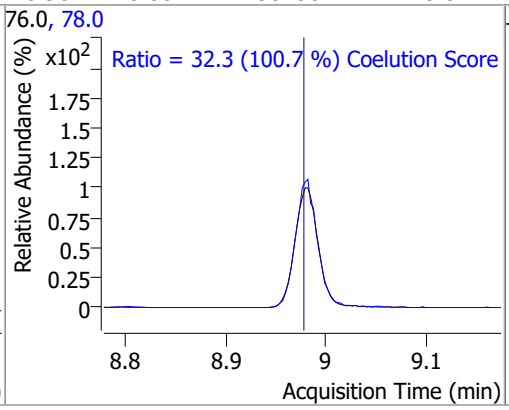


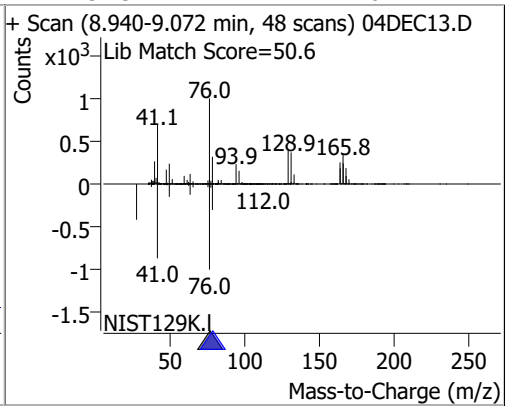




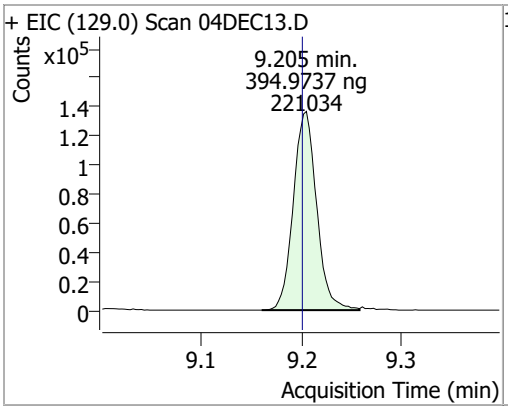
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	400.7159	8.98	0.00	301587	78.0	32.3	2.1	62.1

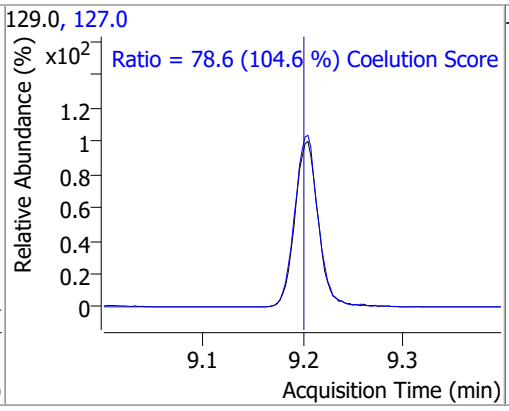


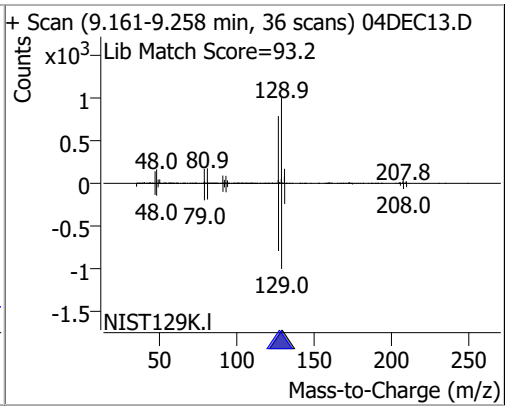




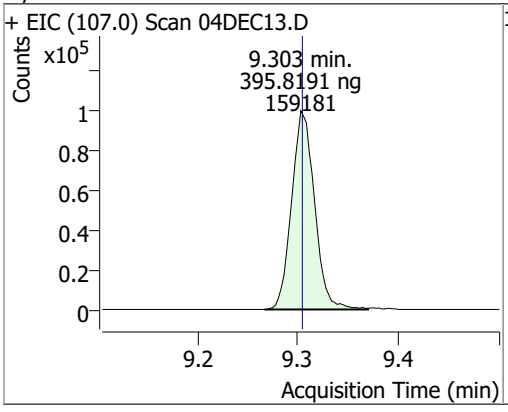
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	394.9737	9.21	0.00	221034	127.0	78.6	45.1	105.1

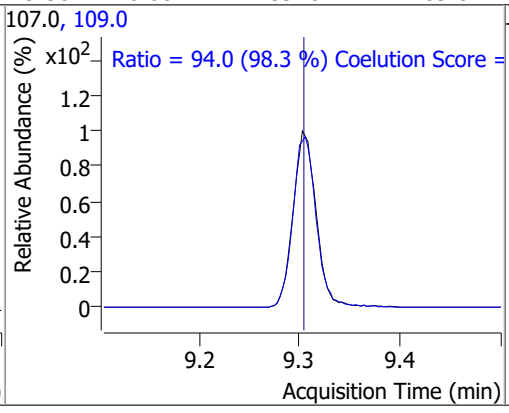


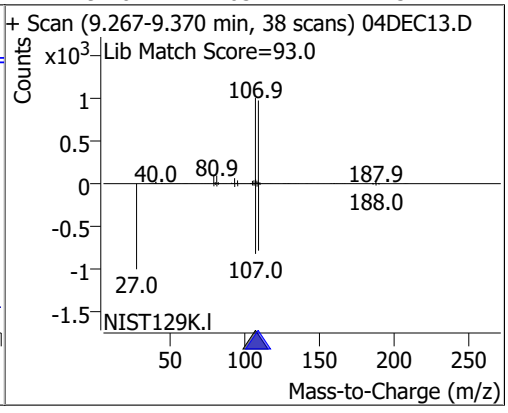




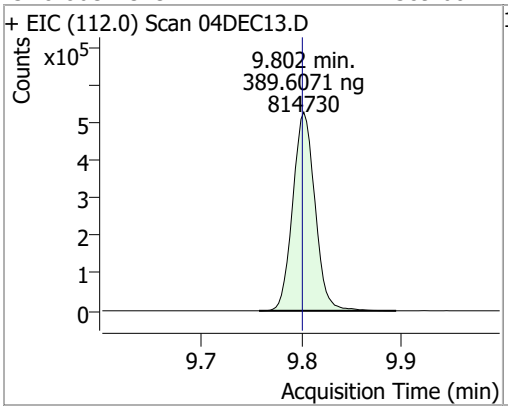
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	395.8191	9.30	0.00	159181	109.0	94.0	65.7	125.7

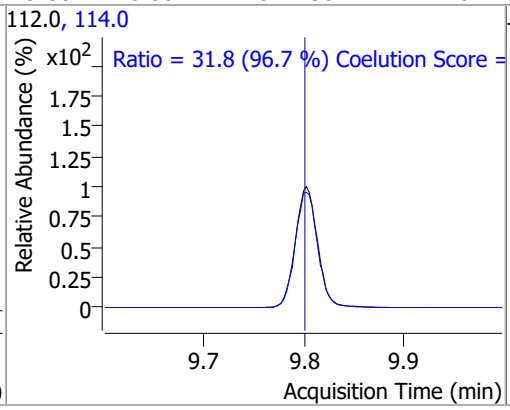


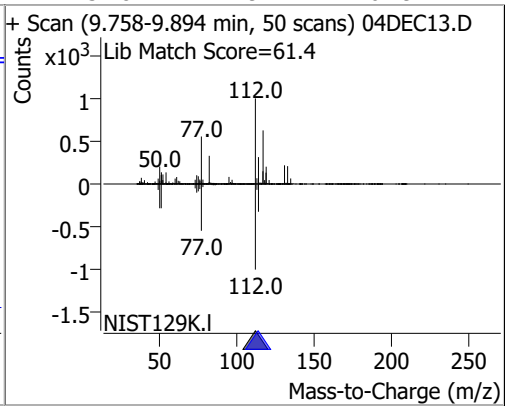




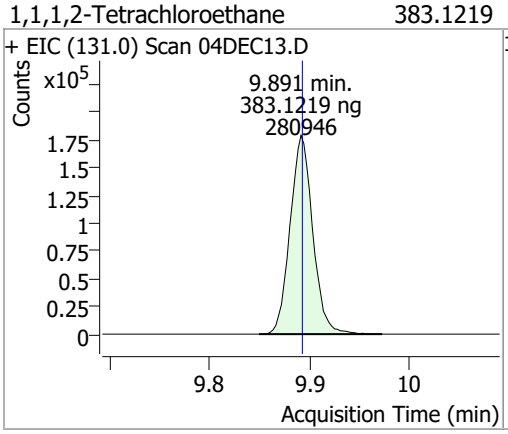
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	389.6071	9.80	0.00	814730	114.0	31.8	2.9	62.9

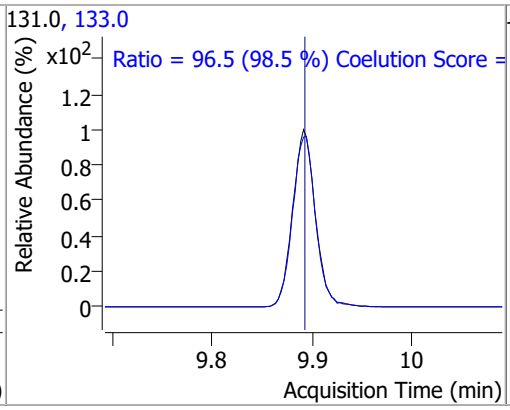


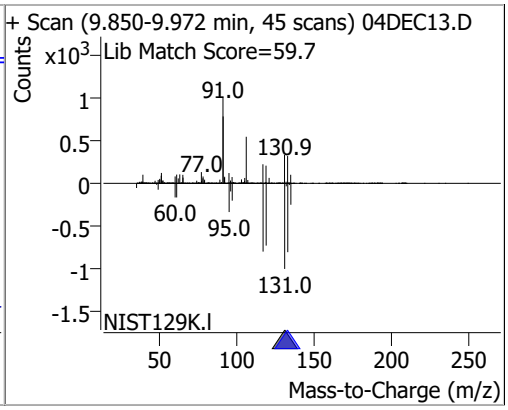




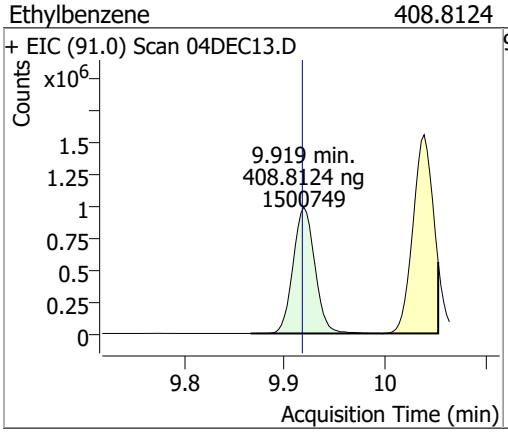
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	383.1219	9.89	0.00	280946	133.0	96.5	68.0	128.0

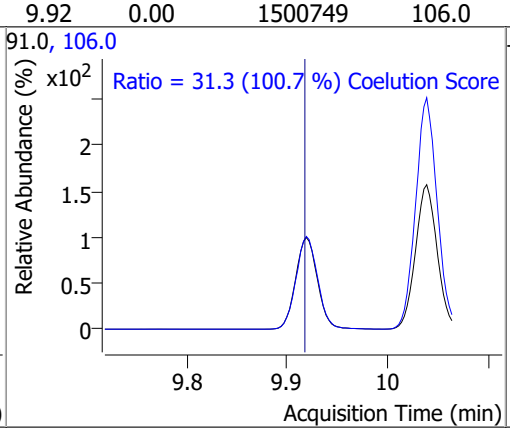


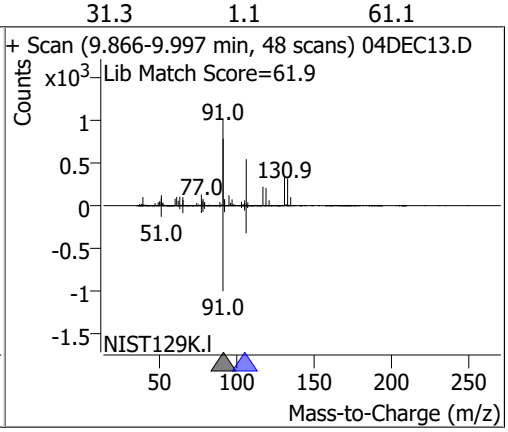




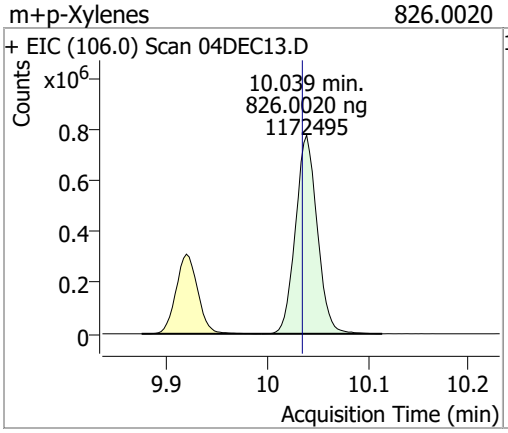
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	408.8124	9.92	0.00	1500749	106.0	31.3	1.1	61.1

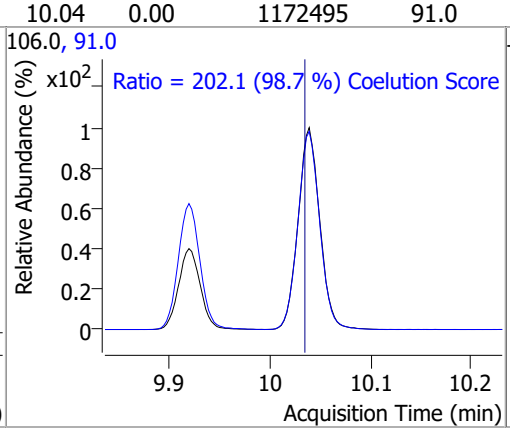


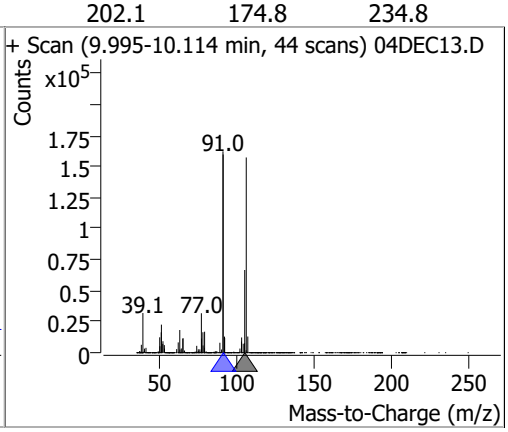




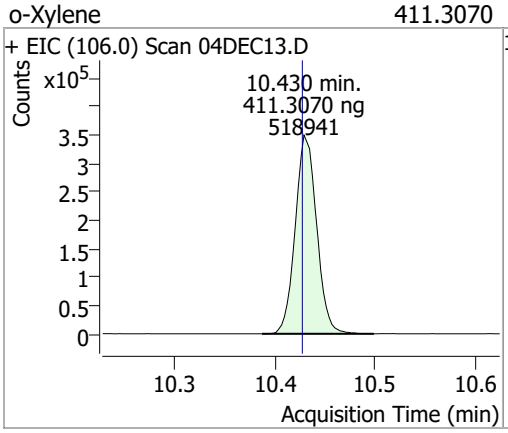
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	826.0020	10.04	0.00	1172495	91.0	202.1	174.8	234.8

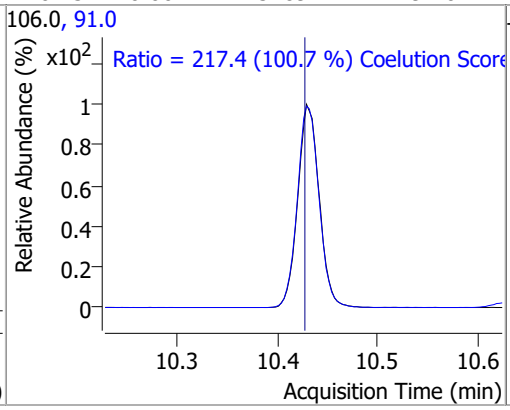


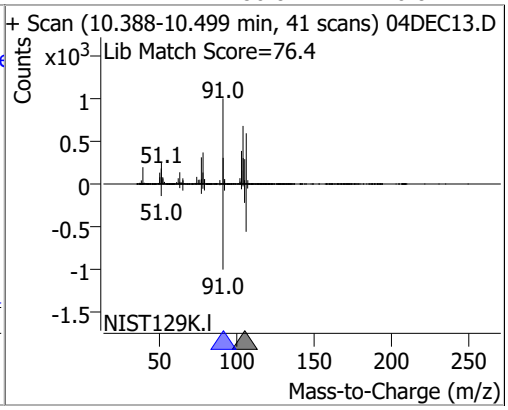




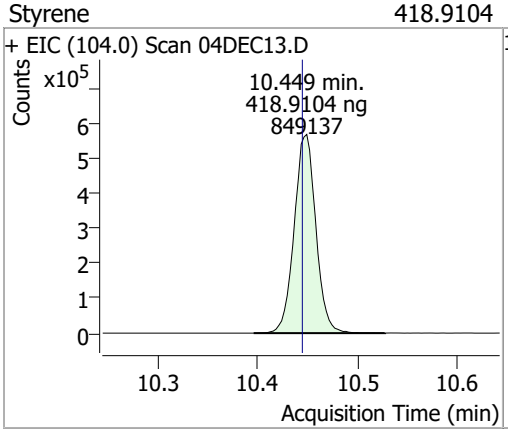
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	411.3070	10.43	0.00	518941	91.0	217.4	186.0	246.0

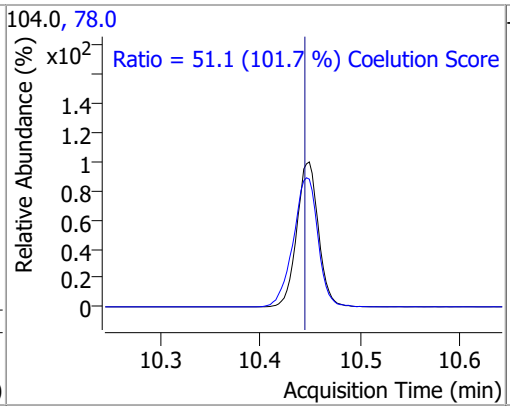


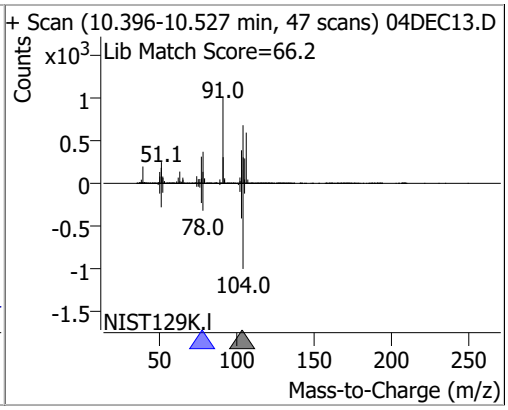




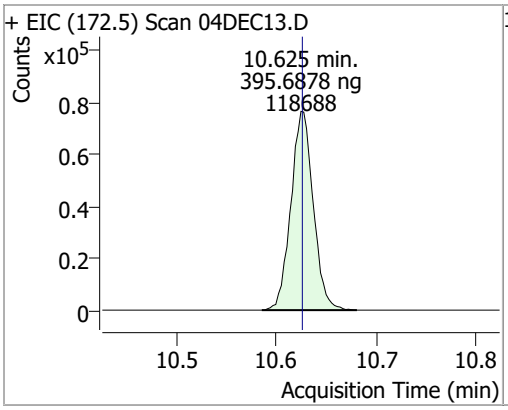
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	418.9104	10.45	0.00	849137	78.0	51.1	20.3	80.3

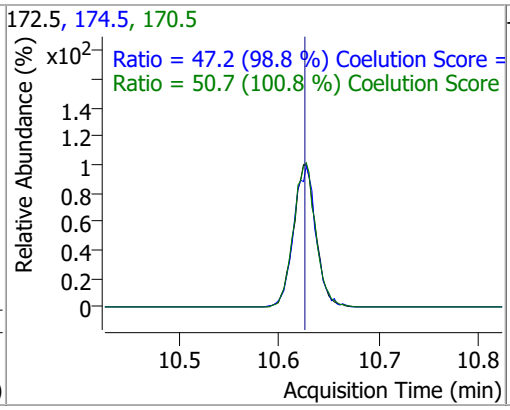


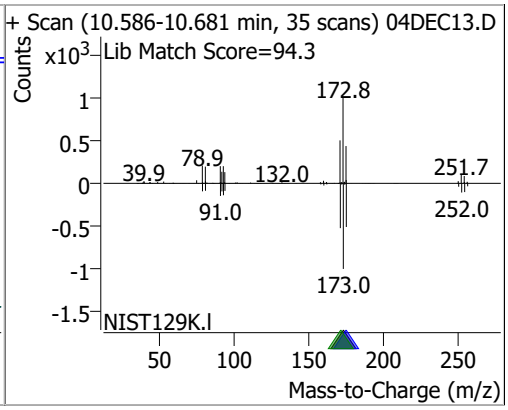




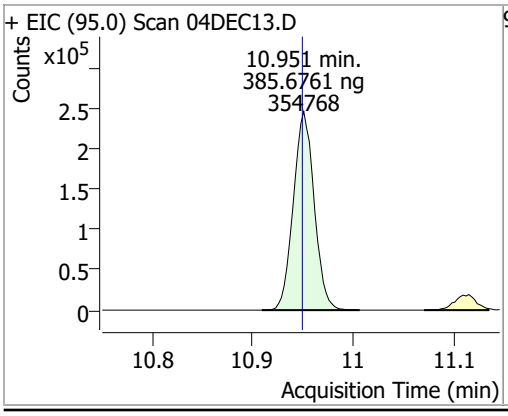
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	395.6878	10.62	0.00	118688	170.5	50.7	20.2	80.2
					174.5	47.2	17.7	77.7

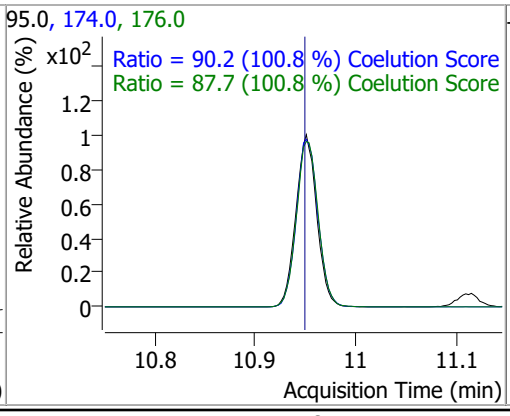


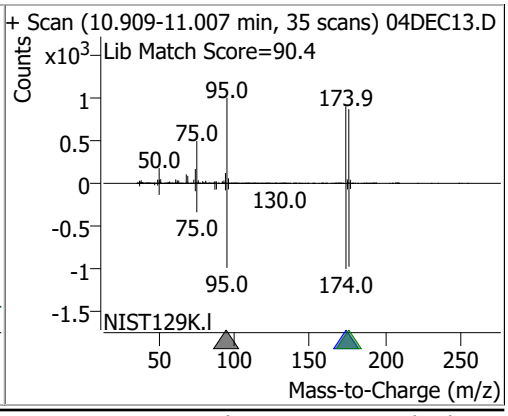




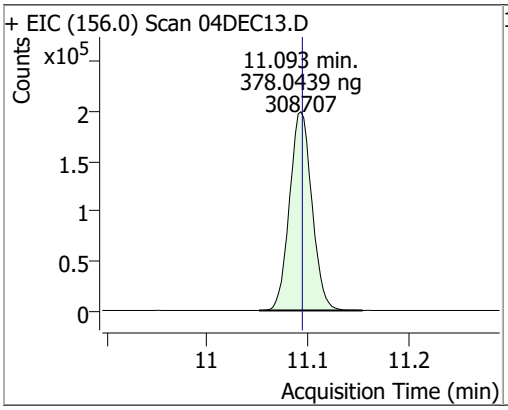
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	385.6761	10.95	0.00	354768	174.0	90.2	59.4	119.4
					176.0	87.7	57.1	117.1

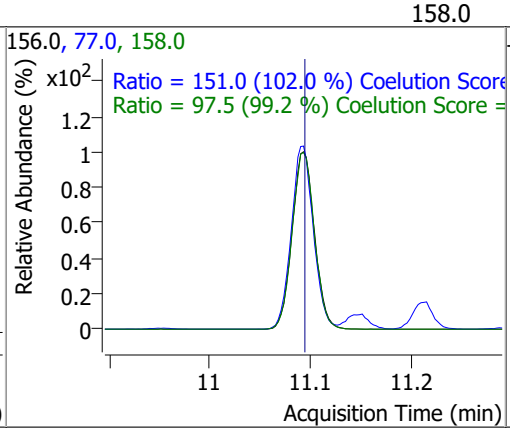


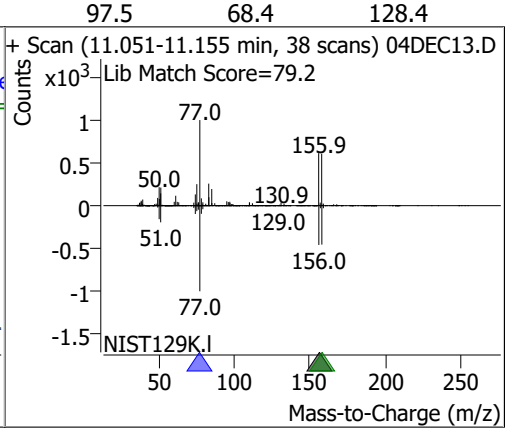




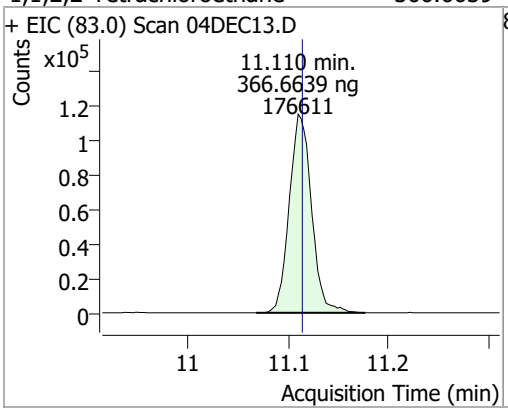
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	378.0439	11.09	0.00	308707	77.0	151.0	118.1	178.1
					158.0	97.5	68.4	128.4

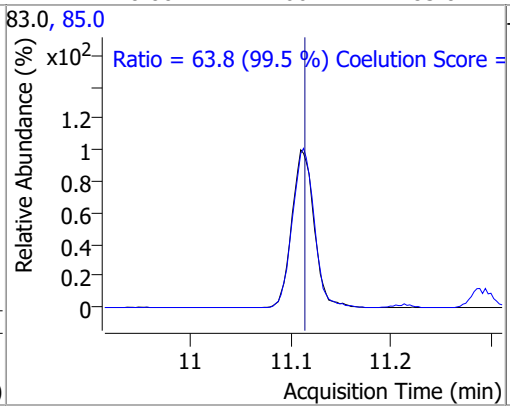


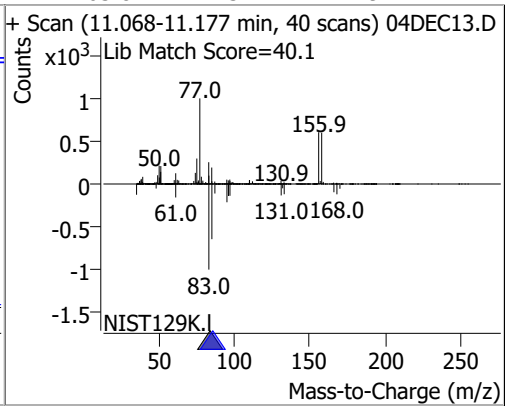




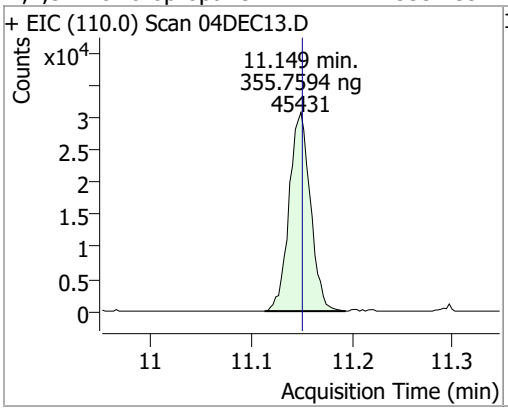
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	366.6639	11.11	0.00	176611	85.0	63.8	34.1	94.1

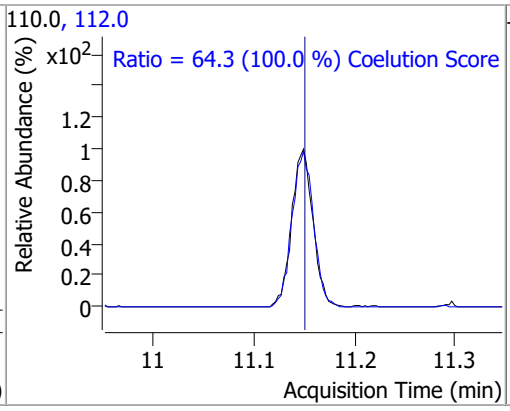


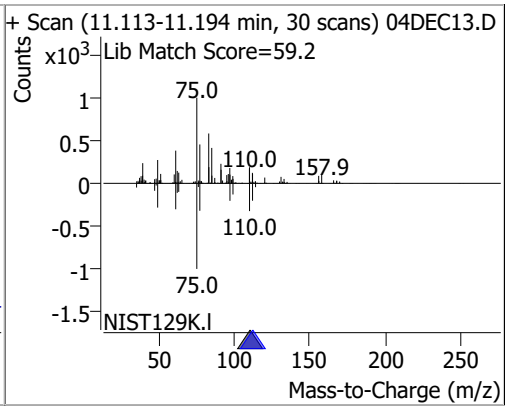




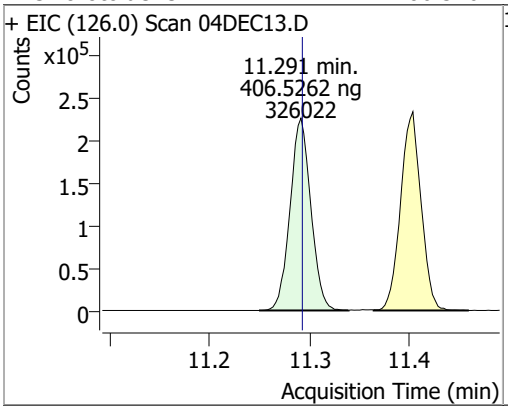
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	355.7594	11.15	0.00	45431	112.0	64.3	34.3	94.3

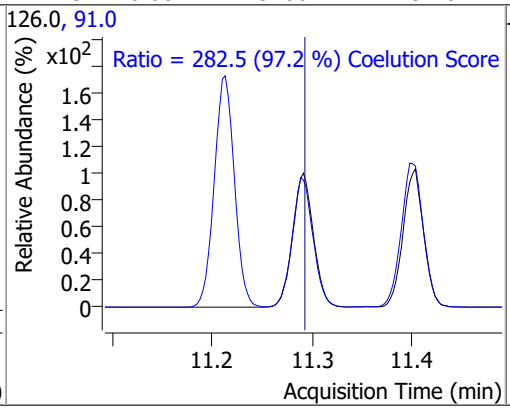


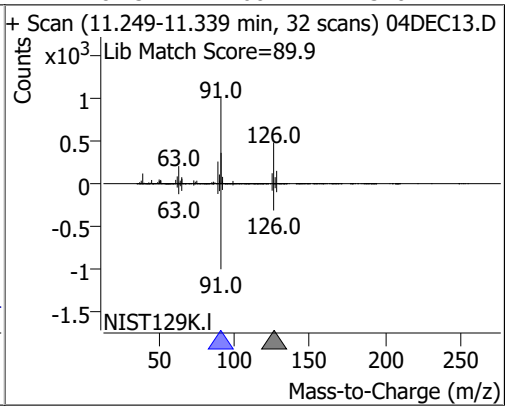




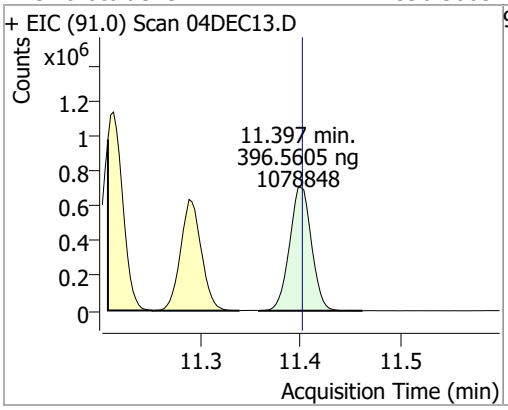
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	406.5262	11.29	0.00	326022	91.0	282.5	260.7	320.7

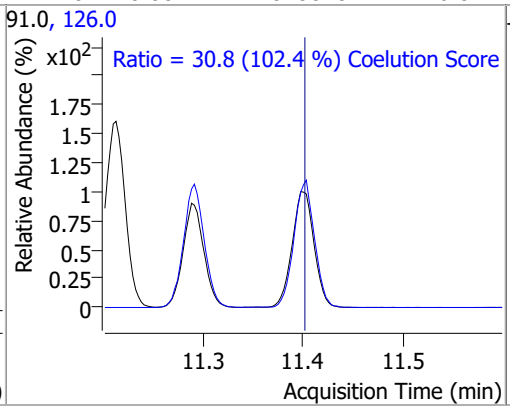


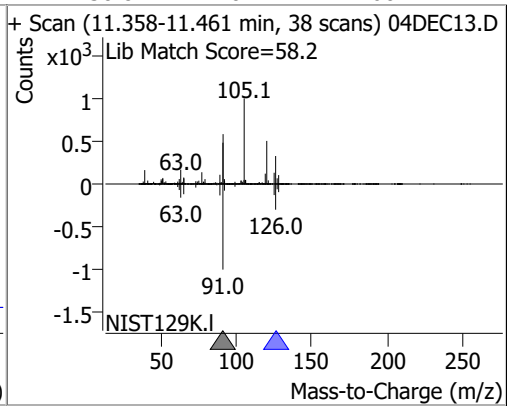




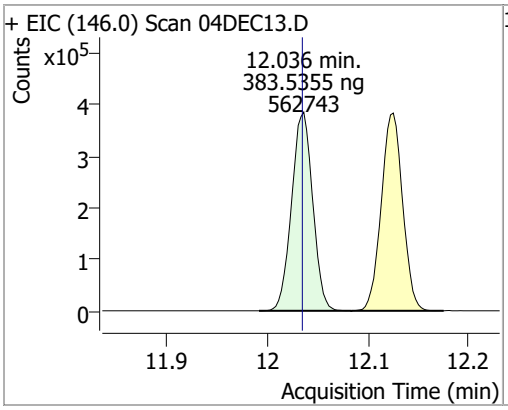
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	396.5605	11.40	0.00	1078848	126.0	30.8	0.1	60.1

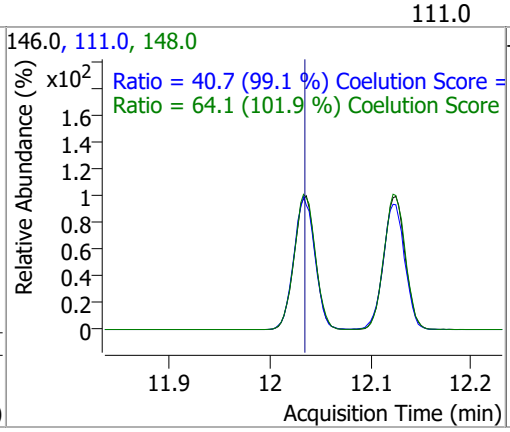


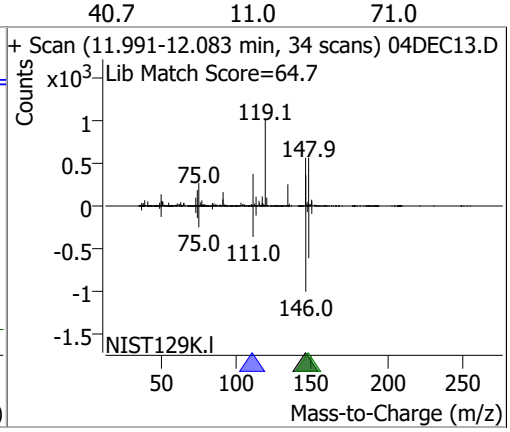




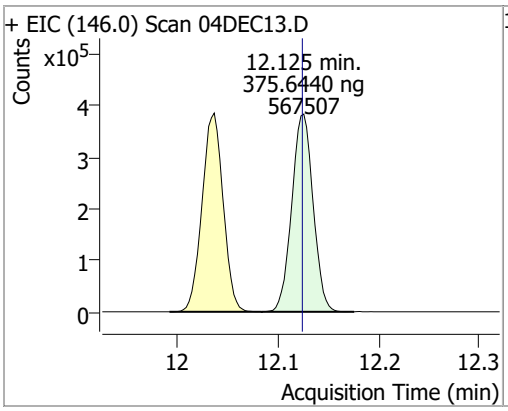
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	383.5355	12.04	0.00	562743	148.0	64.1	32.9	92.9
					111.0	40.7	11.0	71.0

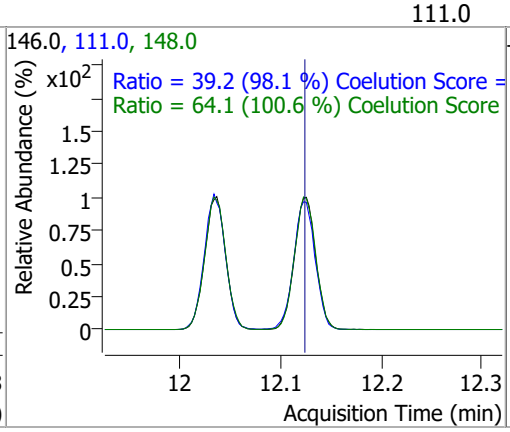


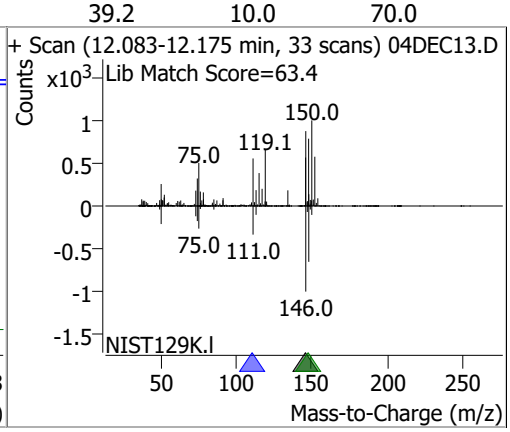




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	375.6440	12.13	0.00	567507	148.0	64.1	33.8	93.8
					111.0	39.2	10.0	70.0

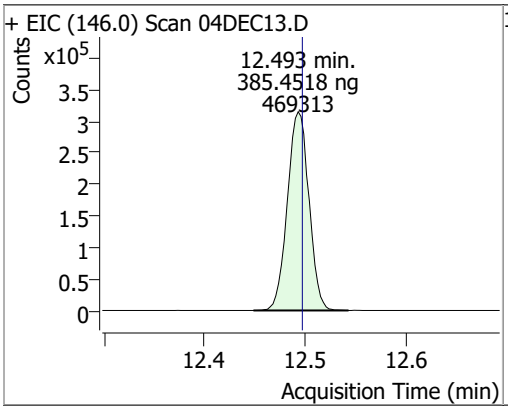


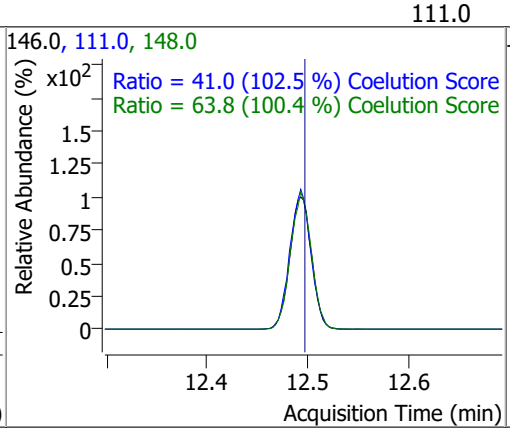


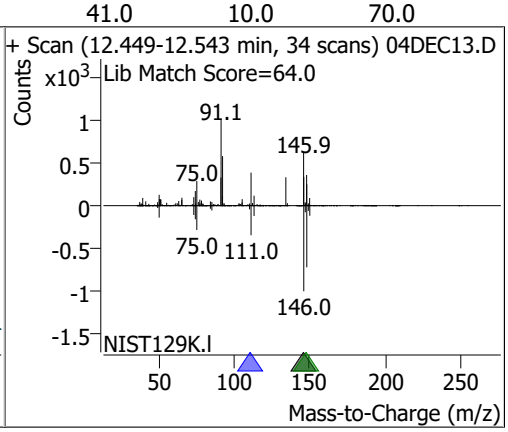


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	385.4518	12.49	0.00	469313	148.0	63.8	33.5	93.5
					111.0	41.0	10.0	70.0



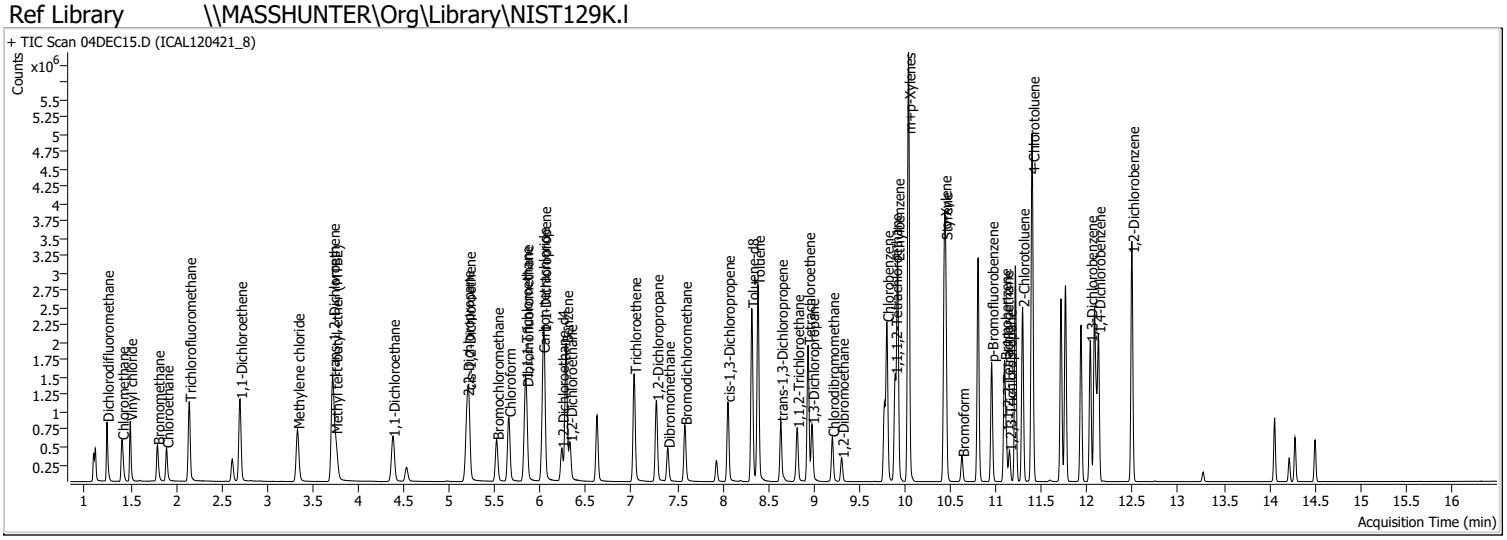




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	04DEC15.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 6:04:36 PM
Sample Name	ICAL120421_8	Instrument	VOA5975C
Vial	15	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

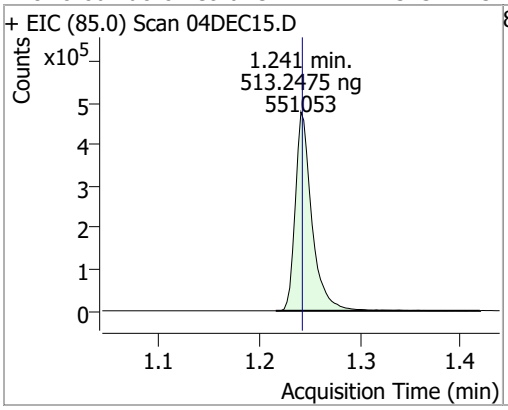


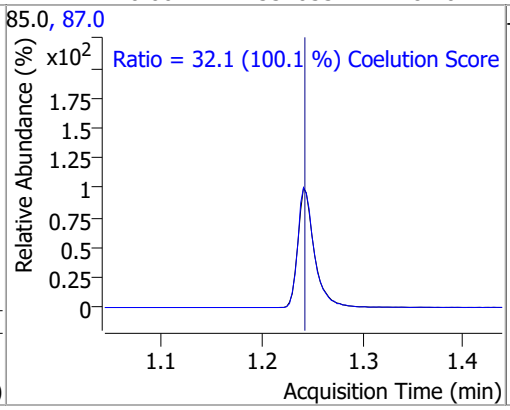
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	778016	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	297007	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	243795	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	380065	512.9326	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 205.17%		*	
S 1,2-Dichloroethane-d4	6.236	67.0	171022	501.6609	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 200.66%		*	
S Toluene-d8	8.319	98.0	1535473	523.3619	ng		-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 209.34%		*	
S p-Bromofluorobenzene	10.951	95.0	476792	509.5291	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 203.81%		*	
Target Compounds							**QValue**
T Dichlorodifluoromethane	1.241	85.0	551053	513.2475	ng		100
T Chloromethane	1.406	50.0	630981	511.1149	ng		98
T Vinyl chloride	1.498	62.0	615582	522.6092	ng		99
T Bromomethane	1.796	96.0	273832	498.4375	ng		100
T Chloroethane	1.897	64.0	329065	502.0178	ng		100
T Trichlorofluoromethane	2.145	101.0	793040	515.0535	ng		98
T 1,1-Dichloroethene	2.702	96.0	416684	506.6359	ng		98
T Methylene chloride	3.333	49.0	553900	486.0333	ng		99
T trans-1,2-Dichloroethene	3.720	96.0	422226	514.0979	ng		98
T Methyl tert-butyl ether (MTBE)	3.751	73.0	565126	544.7869	ng		98
T 1,1-Dichloroethane	4.378	63.0	790264	506.3496	ng		98
T 2,2-Dichloropropane	5.195	77.0	586741	506.8762	ng		99
T cis-1,2-Dichloroethene	5.212	96.0	425925	505.8409	ng		98
T Methyl ethyl ketone	5.187	43.0	0		ng	md	1
T Bromochloromethane	5.519	128.0	161948	503.4881	ng		99
T Chloroform	5.653	83.0	738232	492.9699	ng		100

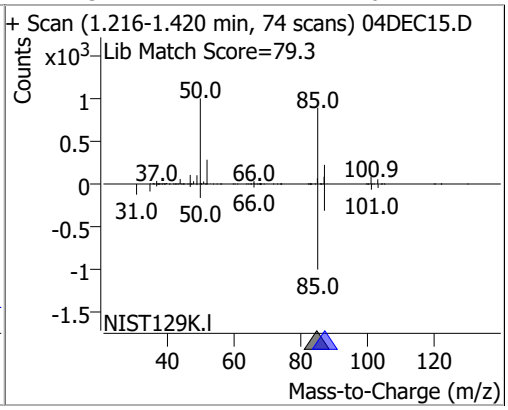
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	753352	521.7035	ng	99
T Carbon tetrachloride	6.026	117.0	736707	523.1569	ng	99
T 1,1-Dichloropropene	6.040	75.0	684033	544.0081	ng	98
T Benzene	6.280	78.0	1667430	521.0611	ng	100
T 1,2-Dichloroethane	6.325	62.0	433047	514.0927	ng	100
T Trichloroethene	7.028	95.0	484680	503.5322	ng	98
T 1,2-Dichloropropane	7.273	63.0	414533	518.0773	ng	100
T Dibromomethane	7.399	93.0	168983	503.2408	ng	98
T Bromodichloromethane	7.585	83.0	487048	513.3218	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	564800	539.8419	ng	99
T Toluene	8.386	92.0	1040116	522.0884	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	395242	530.0962	ng	95
T 1,1,2-Trichloroethane	8.818	83.0	193954	500.6061	ng	98
T Tetrachloroethene	8.938	163.8	409731	513.8262	ng	100
T 1,3-Dichloropropane	8.980	76.0	396379	508.7661	ng	100
T Chlorodibromomethane	9.203	129.0	299672	517.2956	ng	96
T 1,2-Dibromoethane	9.306	107.0	212831	511.2390	ng	98
T Chlorobenzene	9.802	112.0	1088372	502.7754	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	378695	498.8699	ng	97
T Ethylbenzene	9.919	91.0	2019160	531.3373	ng	100
T m+p-Xylenes	10.039	106.0	1581934	1076.5694	ng	98
T o-Xylene	10.433	106.0	706346	540.8155	ng	99
T Styrene	10.446	104.0	1144210	545.2964	ng	99
T Bromoform	10.628	172.5	159526	522.8042	ng	99
T Bromobenzene	11.093	156.0	416834	501.7884	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	233853	477.2600	ng	99
T 1,2,3-Trichloropropane	11.146	110.0	61471	473.1905	ng	97
T 2-Chlorotoluene	11.291	126.0	433941	531.9050	ng	98
T 4-Chlorotoluene	11.400	91.0	1445615	522.3523	ng	98
T 1,3-Dichlorobenzene	12.036	146.0	758680	508.2949	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	753127	490.0441	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	630110	508.7279	ng	99

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

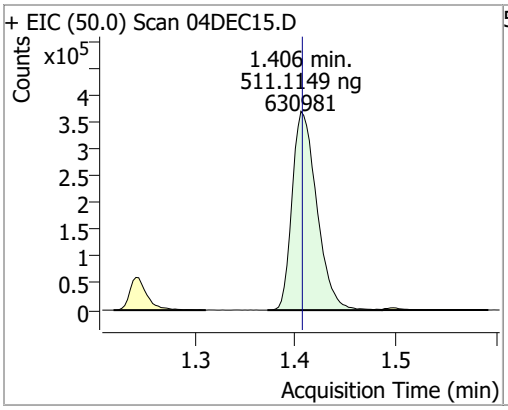
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	513.2475	1.24	0.00	551053	87.0	32.1	2.1	62.1

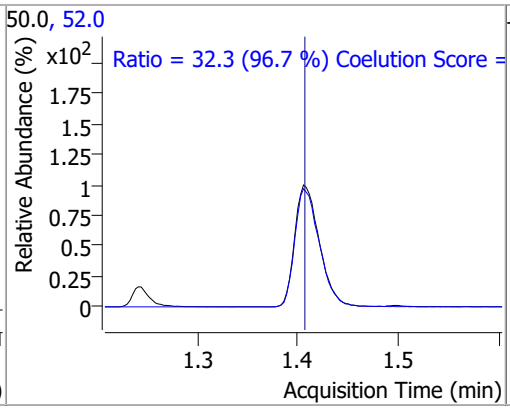


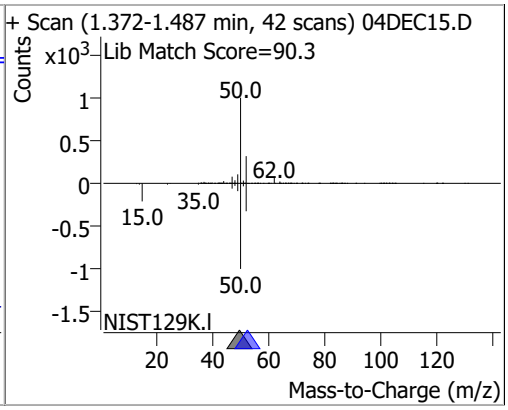




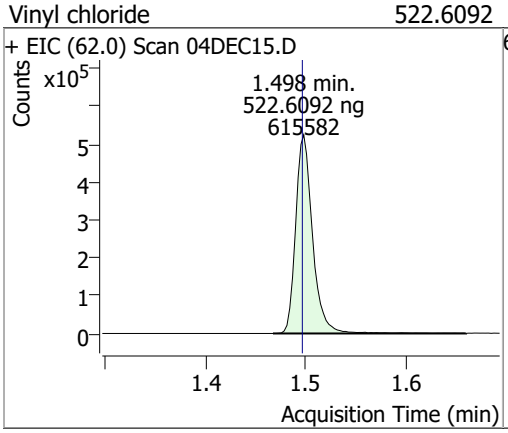
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	511.1149	1.41	0.00	630981	52.0	32.3	3.4	63.4

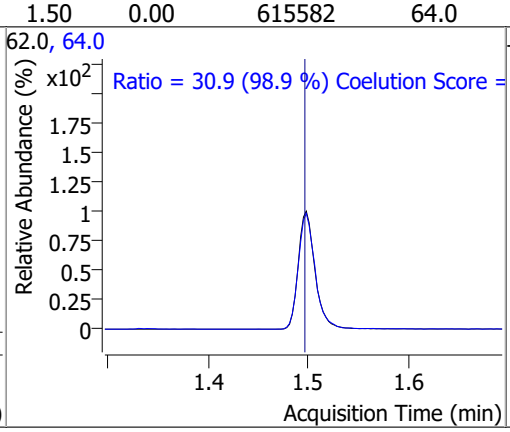


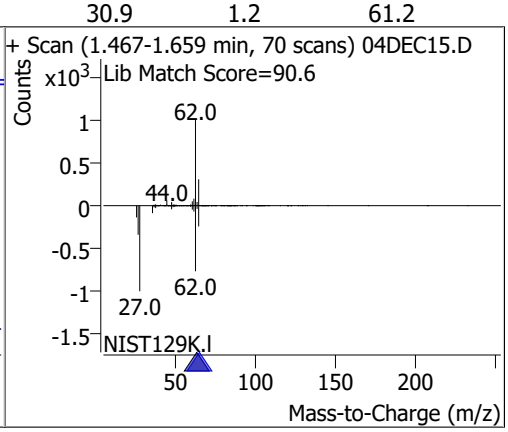




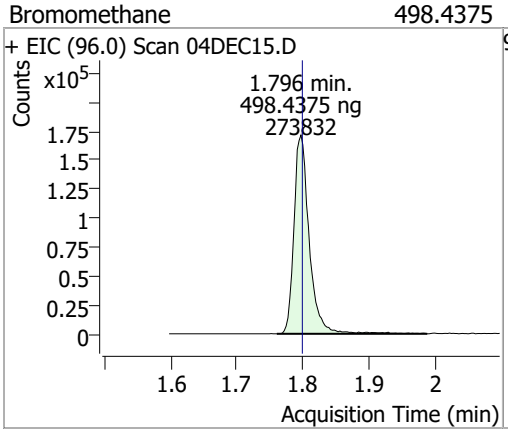
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	522.6092	1.50	0.00	615582	64.0	30.9	1.2	61.2

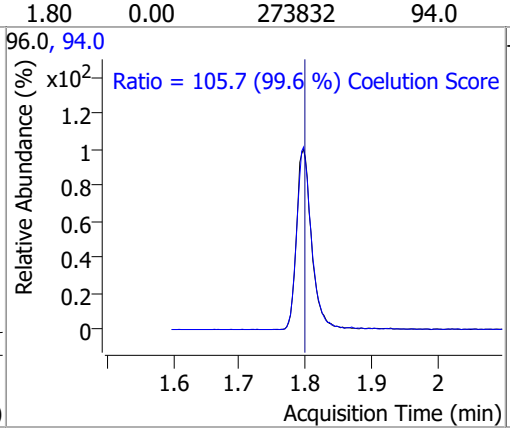


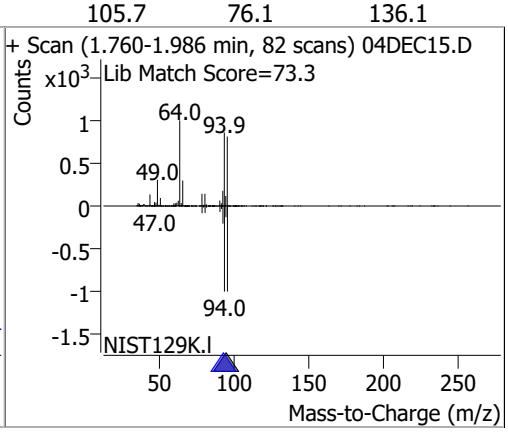




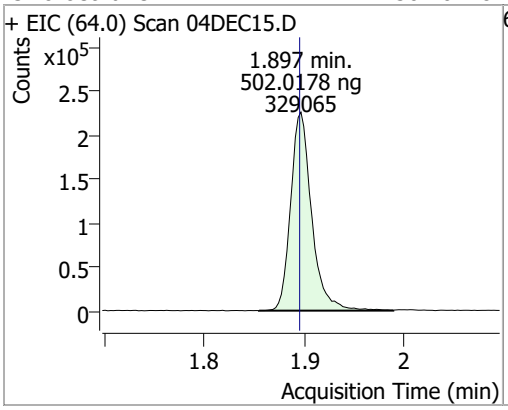
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	498.4375	1.80	0.00	273832	94.0	105.7	76.1	136.1

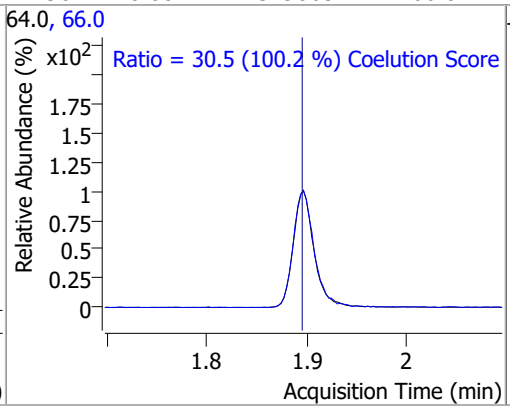


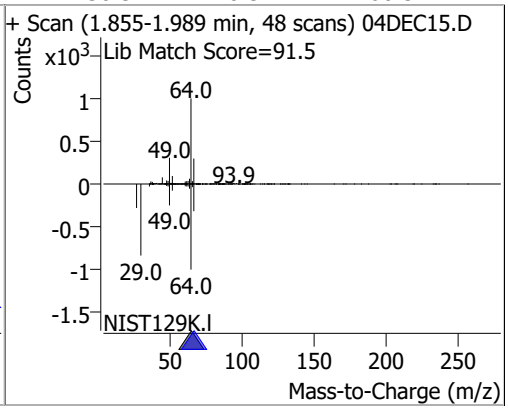




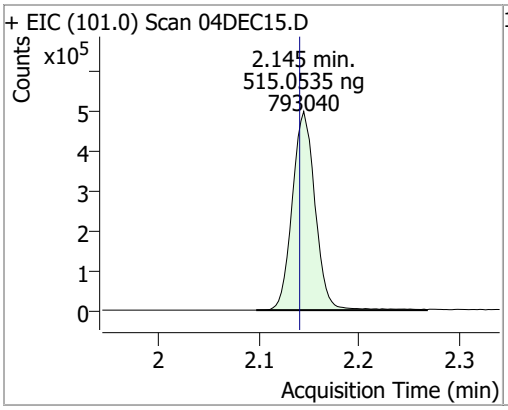
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	502.0178	1.90	0.00	329065	66.0	30.5	0.5	60.5

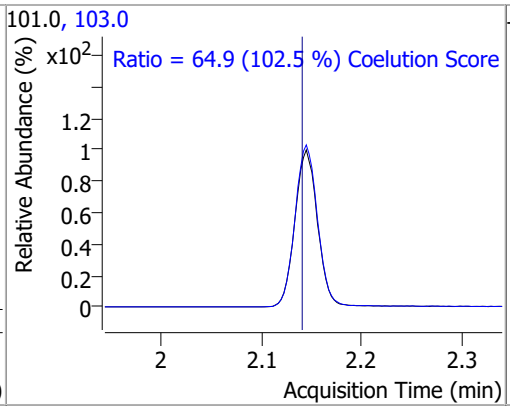


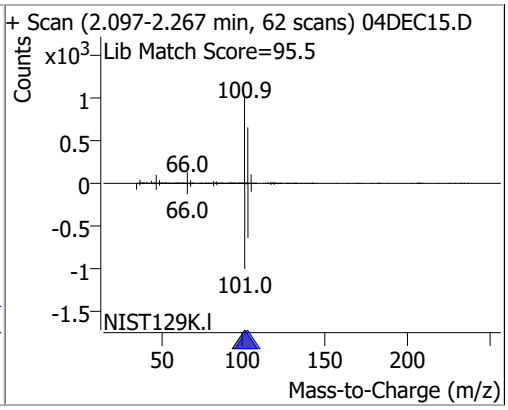




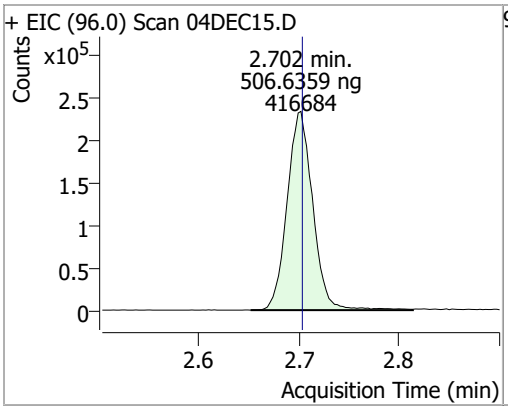
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	515.0535	2.14	0.00	793040	103.0	64.9	33.3	93.3

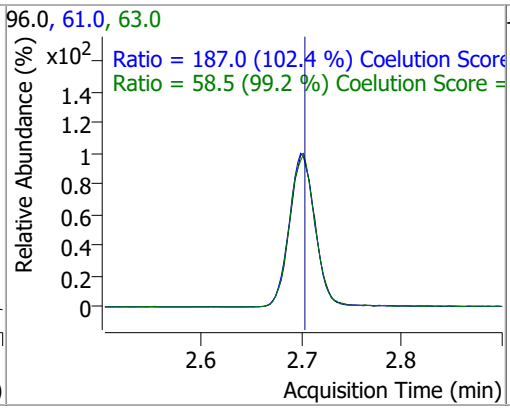


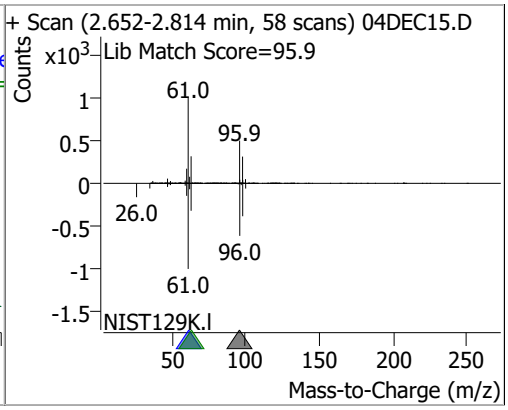




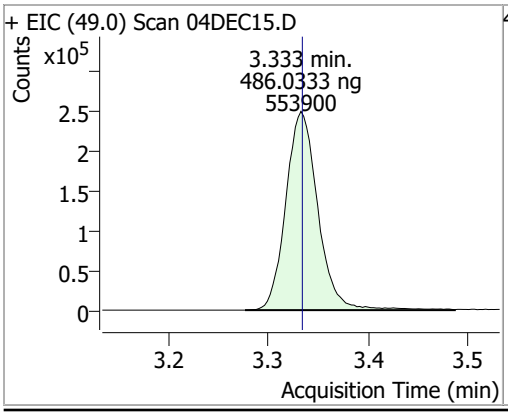
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	506.6359	2.70	0.00	416684	61.0	187.0	152.6	212.6
					63.0	58.5	28.9	88.9

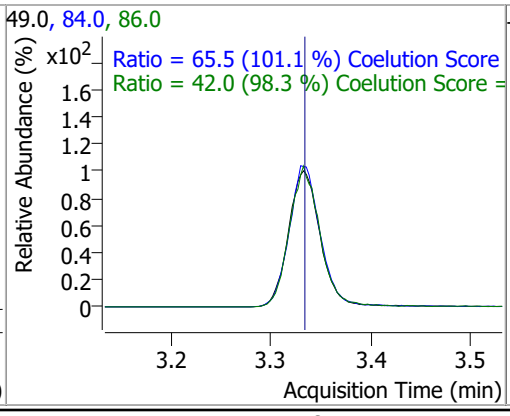


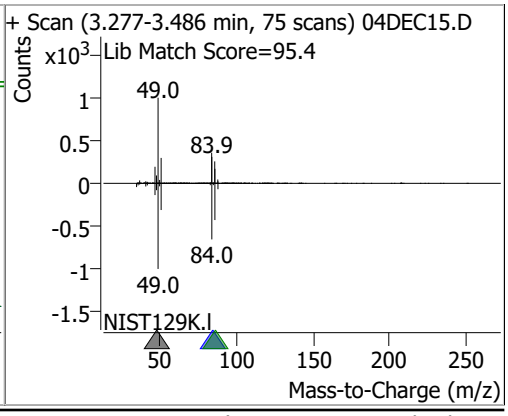




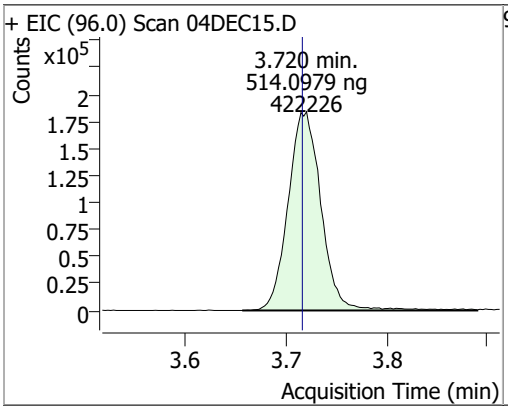
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	486.0333	3.33	0.00	553900	84.0	65.5	34.8	94.8
					86.0	42.0	12.7	72.7

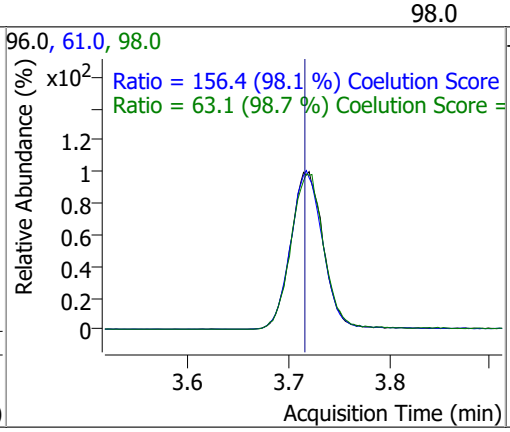


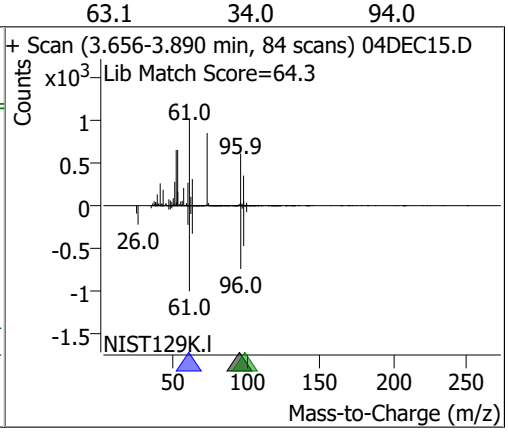




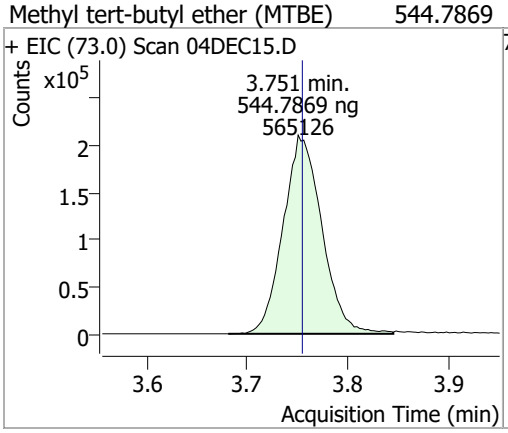
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	514.0979	3.72	0.01	422226	61.0	156.4	129.4	189.4
					98.0	63.1	34.0	94.0

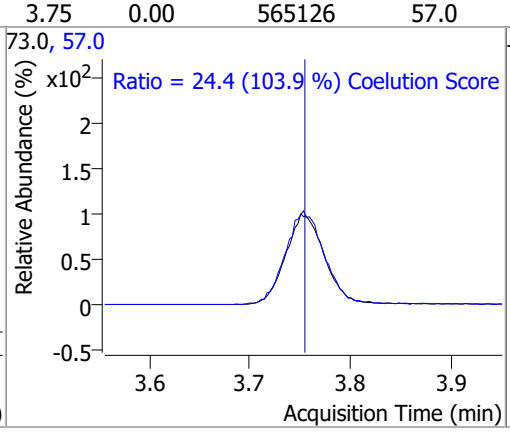


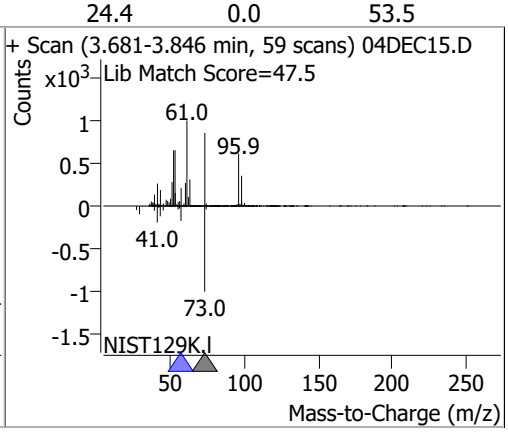




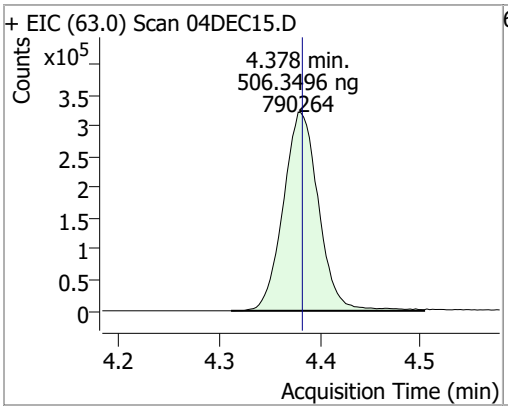
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	544.7869	3.75	0.00	565126	57.0	24.4	0.0	53.5

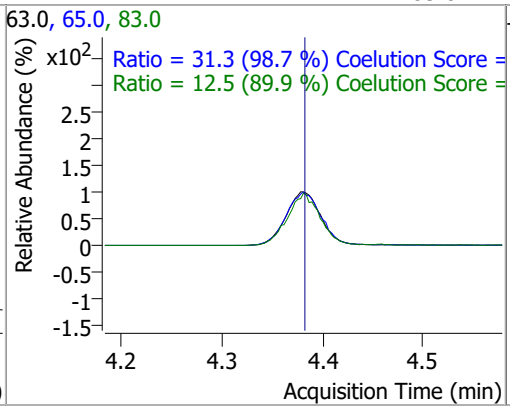


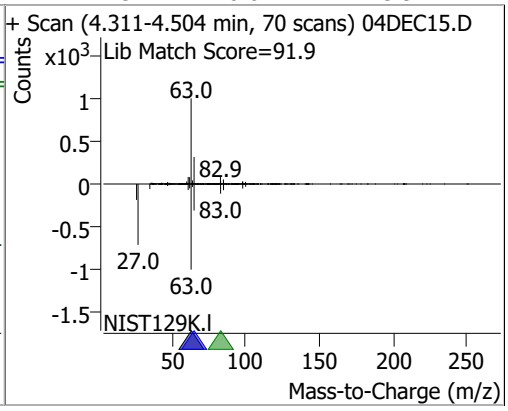




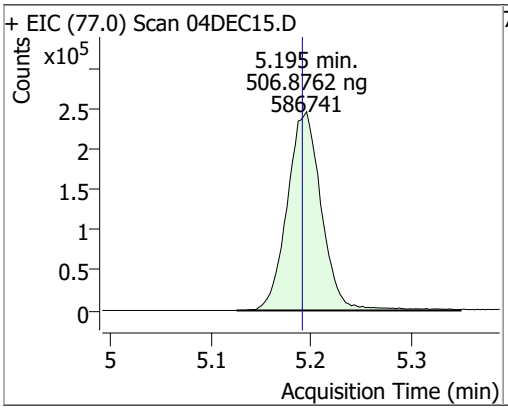
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	506.3496	4.38	0.00	790264	65.0	31.3	1.7	61.7
					83.0	12.5	0.0	43.9

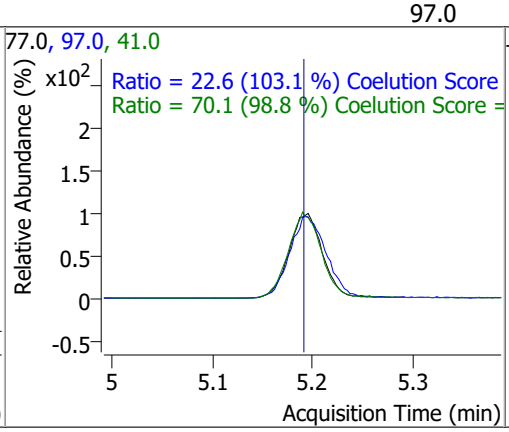


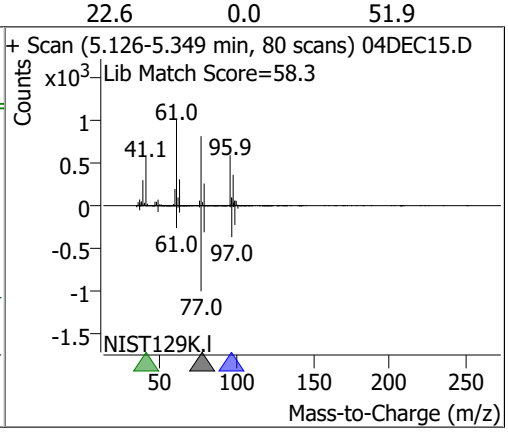




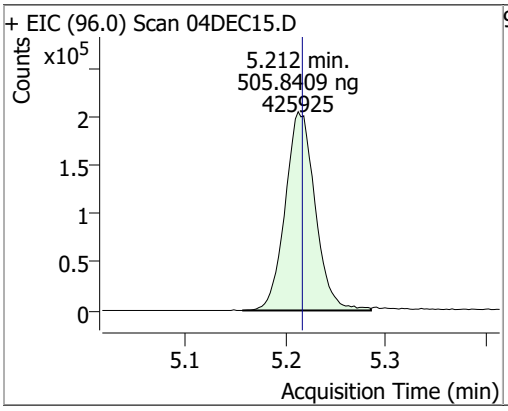
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	506.8762	5.20	0.01	586741	41.0	70.1	41.0	101.0
					97.0	22.6	0.0	51.9

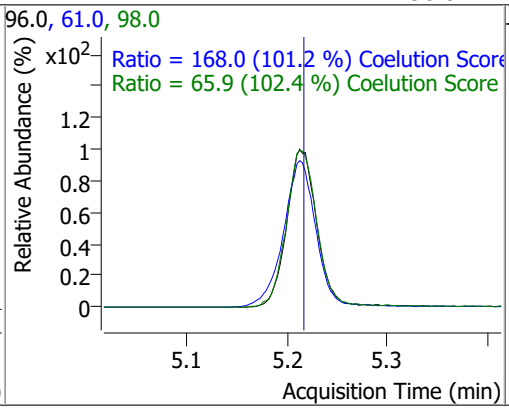


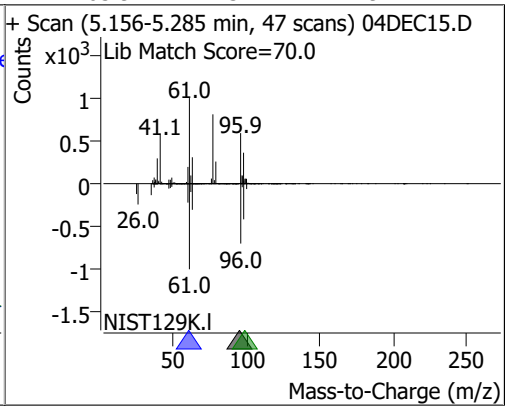




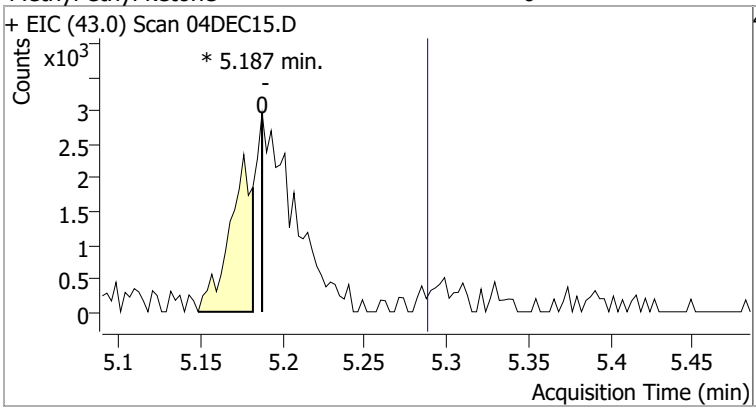
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	505.8409	5.21	0.00	425925	61.0	168.0	135.9	195.9
					98.0	65.9	34.4	94.4

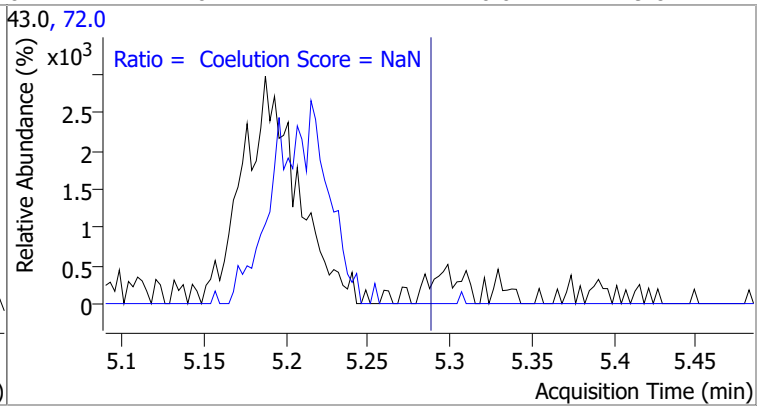




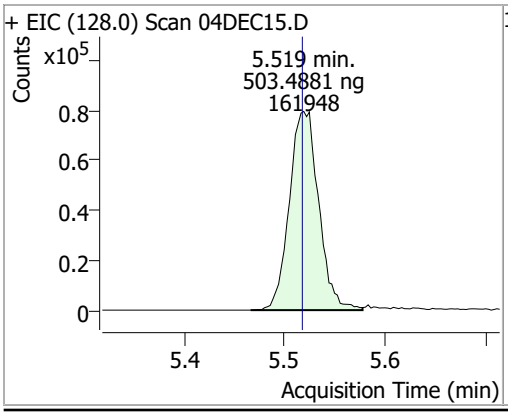


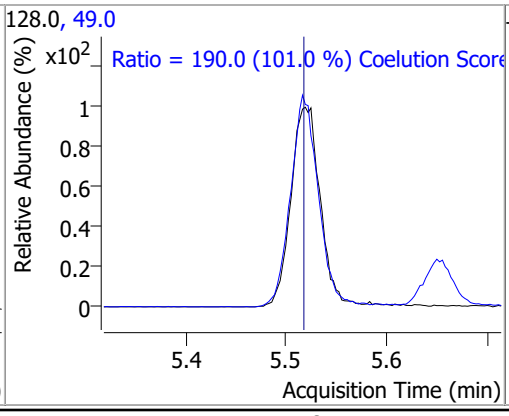
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone		0		0	72.0		0.0	49.8

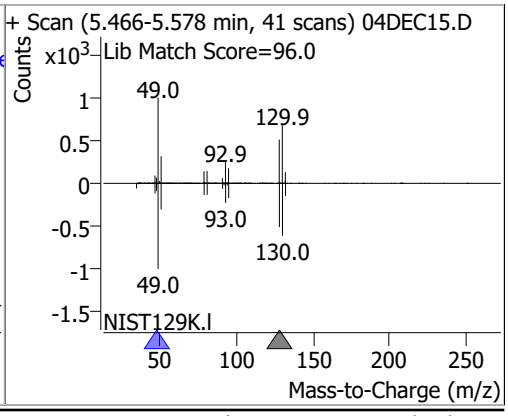




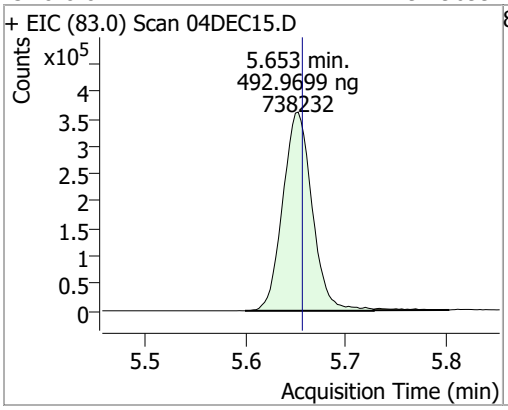
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	503.4881	5.52	0.00	161948	49.0	190.0	158.1	218.1

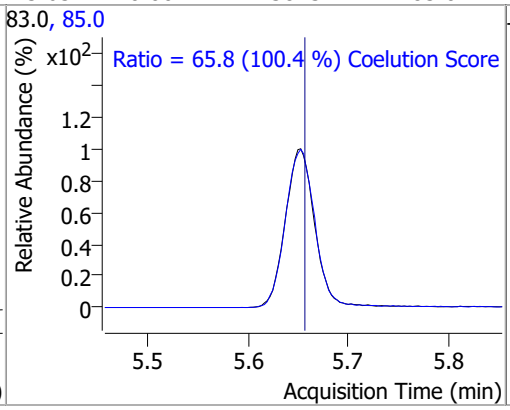


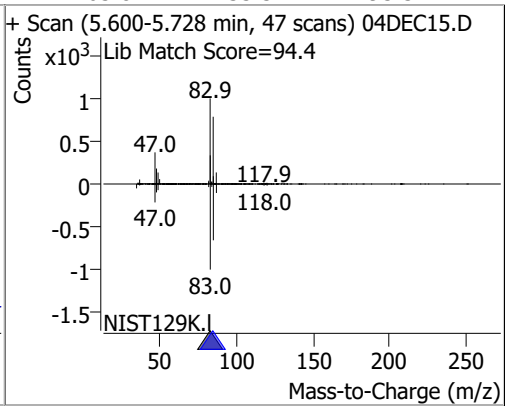




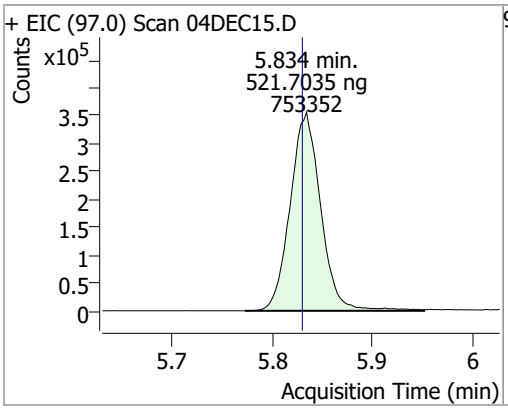
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	492.9699	5.65	0.00	738232	85.0	65.8	35.5	95.5

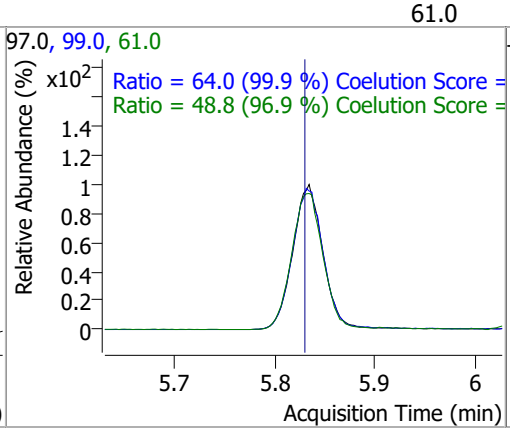


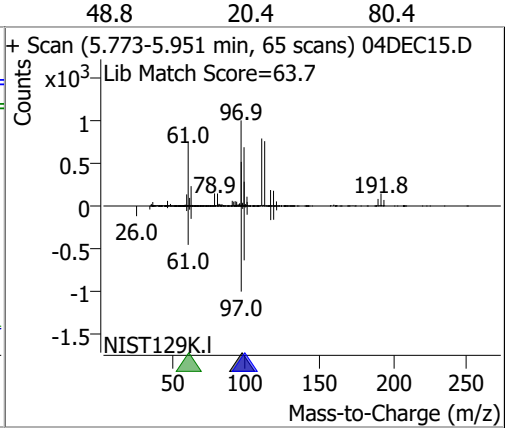




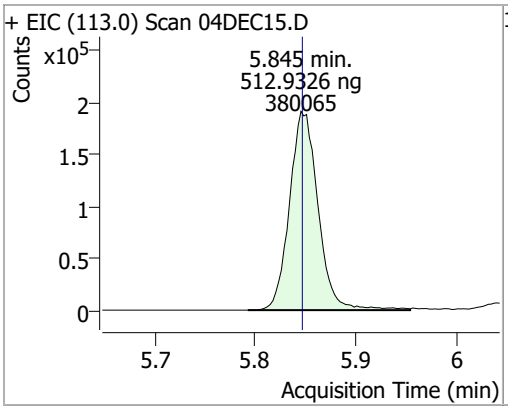
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	521.7035	5.83	0.01	753352	99.0	64.0	34.0	94.0
					61.0	48.8	20.4	80.4

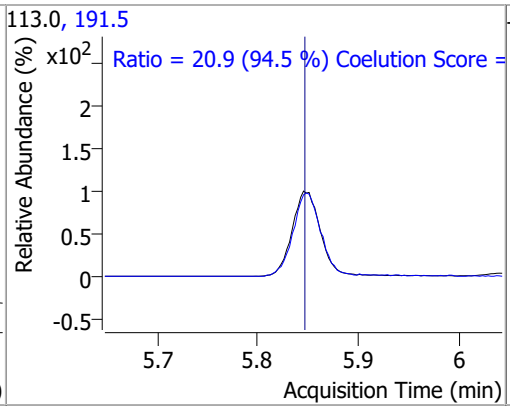


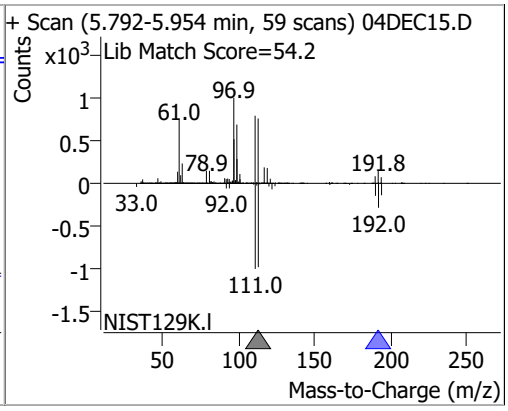




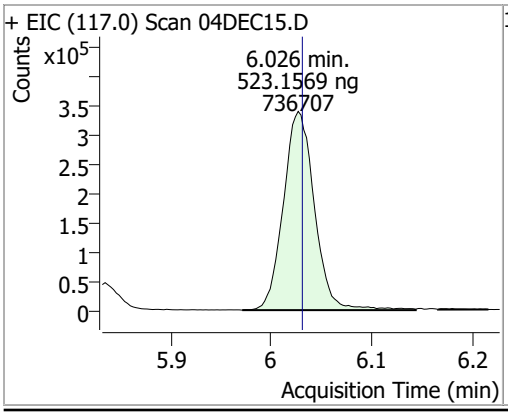
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	512.9326	5.85	0.00	380065	191.5	20.9	0.0	52.1

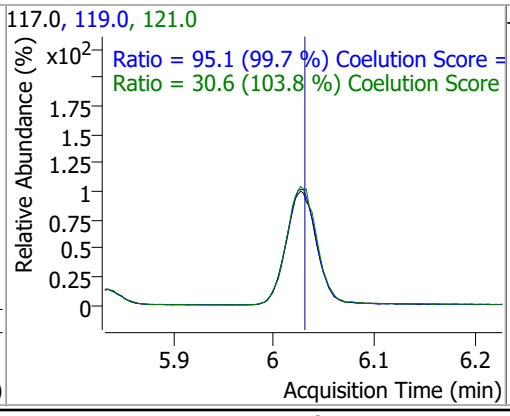


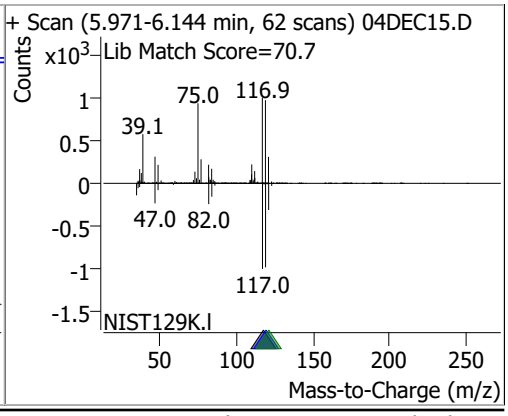




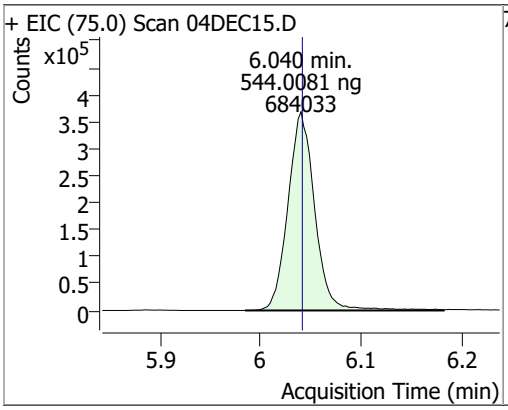
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	523.1569	6.03	0.00	736707	119.0	95.1	65.4	125.4
					121.0	30.6	0.0	59.5

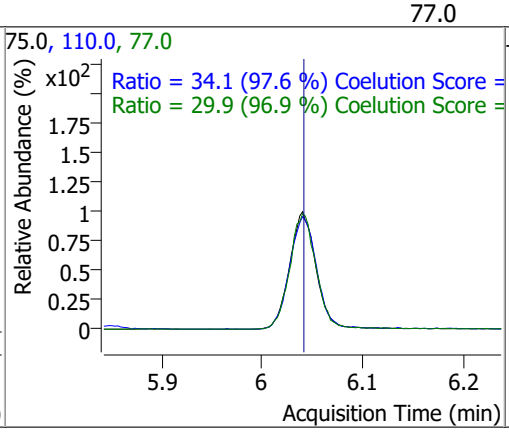


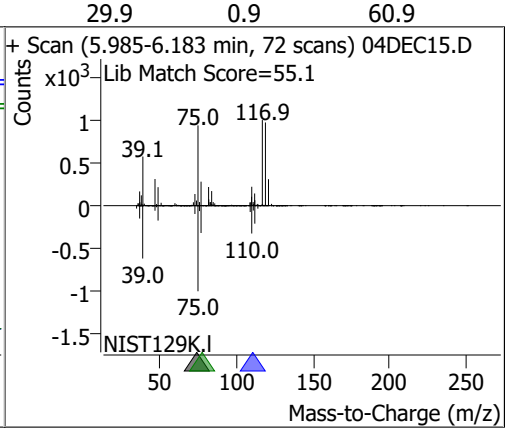




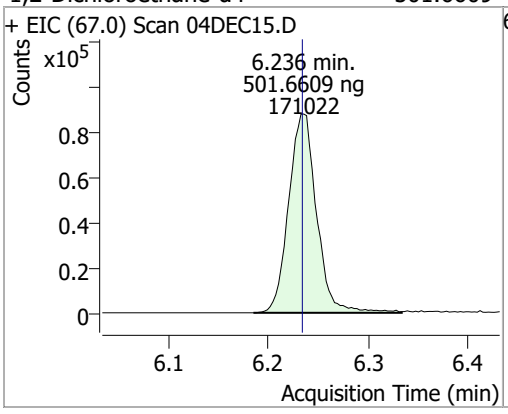
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	544.0081	6.04	0.00	684033	110.0	34.1	5.0	65.0
					77.0	29.9	0.9	60.9

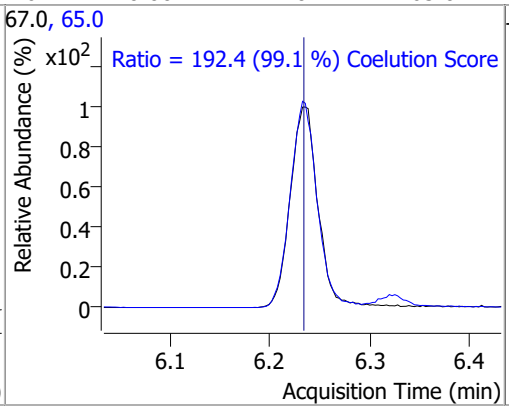


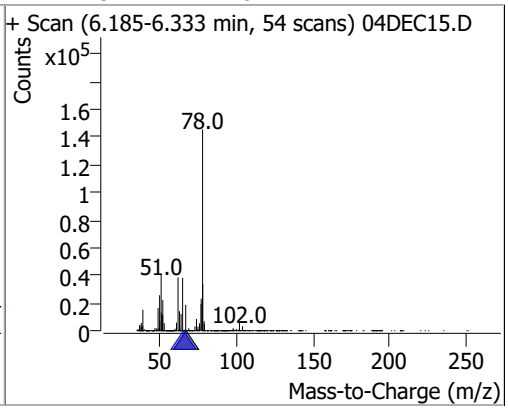




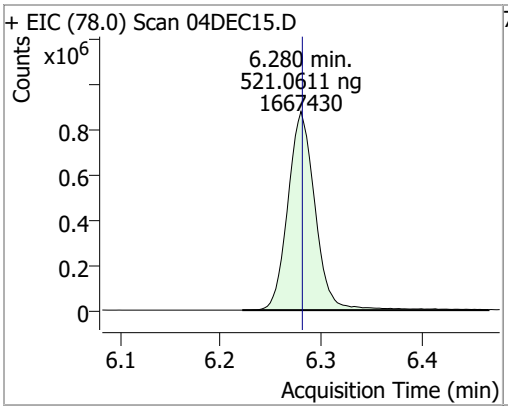
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	501.6609	6.24	0.00	171022	65.0	192.4	164.2	224.2

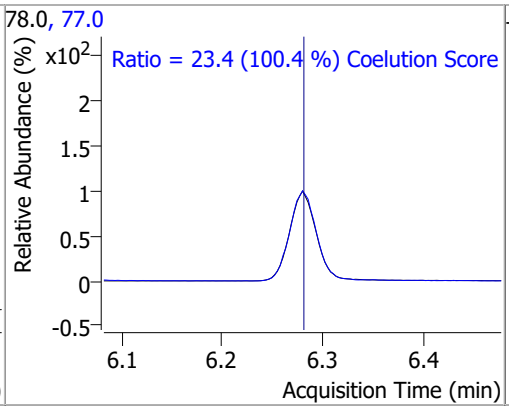


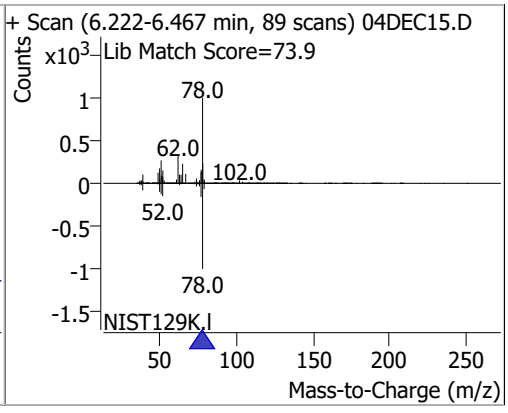




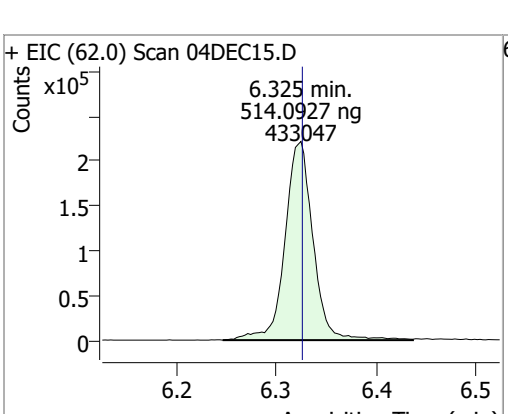
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	521.0611	6.28	0.00	1667430	77.0	23.4	0.0	53.3

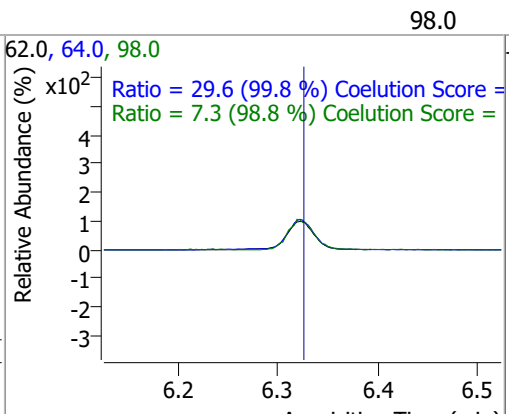


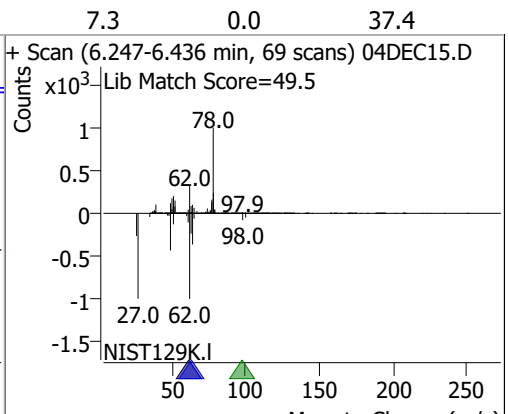




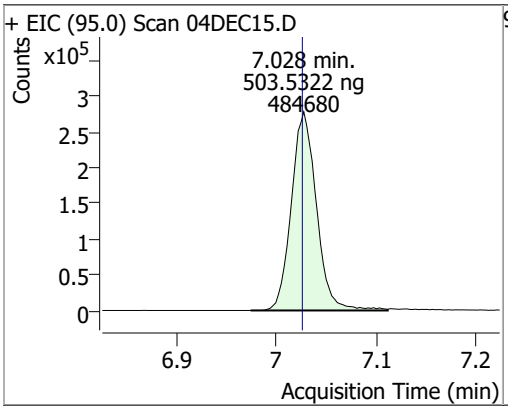
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	514.0927	6.32	0.00	433047	64.0	29.6	0.0	59.6
					98.0	7.3	0.0	37.4

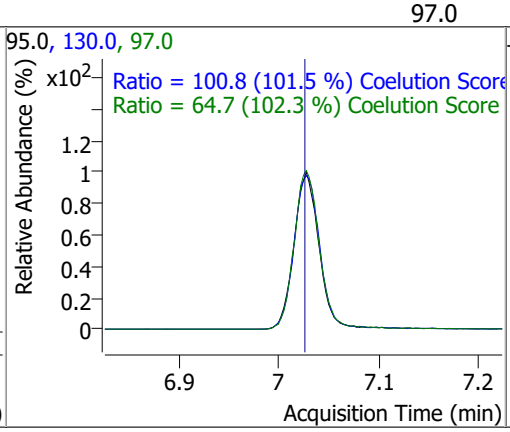


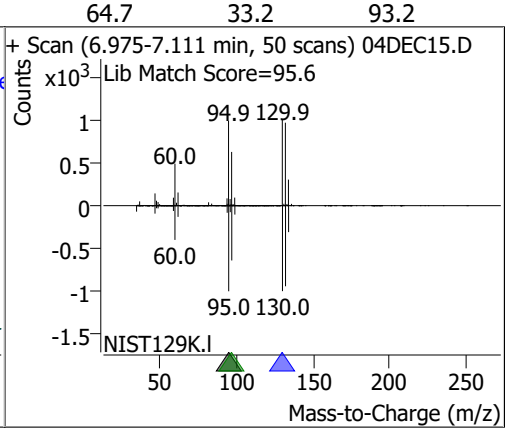




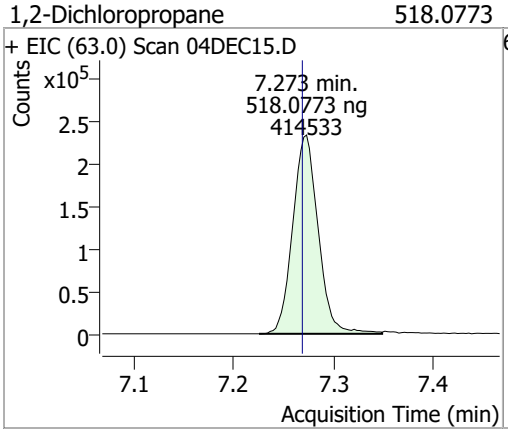
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	503.5322	7.03	0.00	484680	130.0	100.8	69.3	129.3
					97.0	64.7	33.2	93.2

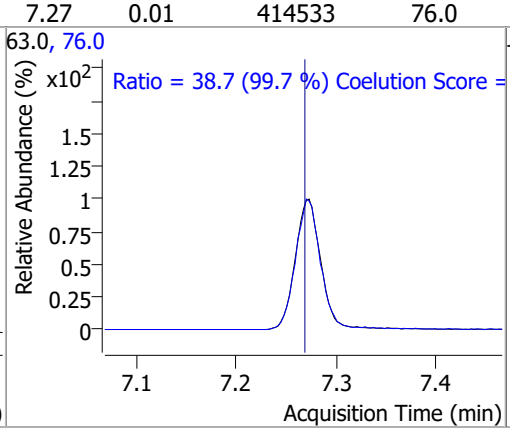


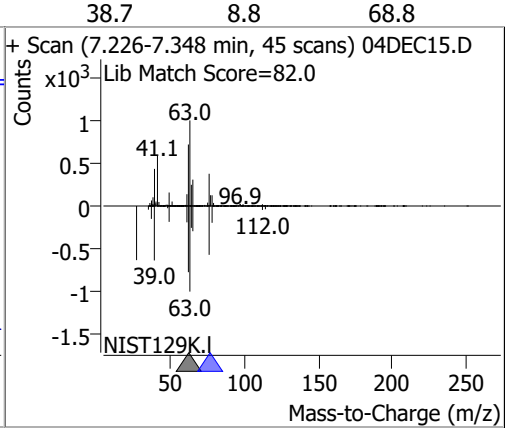




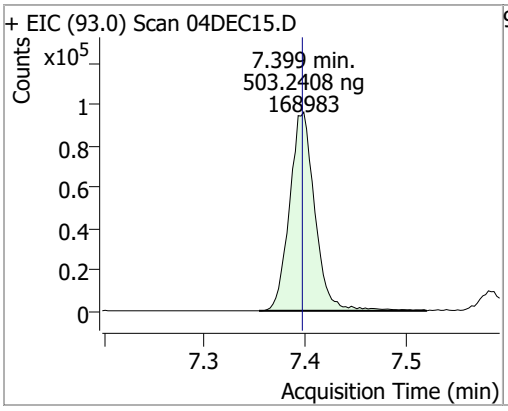
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	518.0773	7.27	0.01	414533	76.0	38.7	8.8	68.8

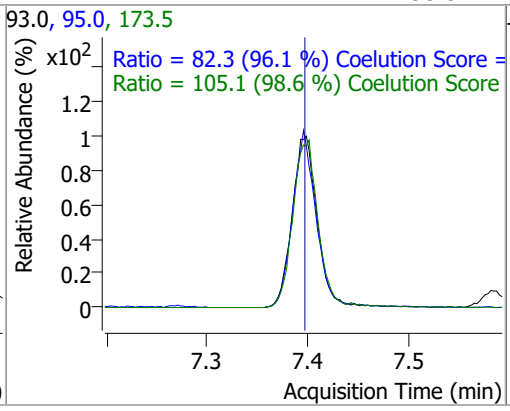


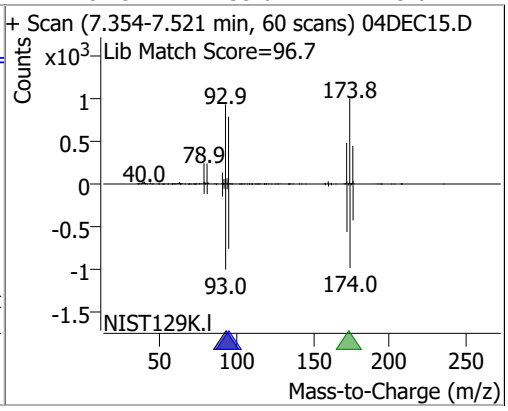




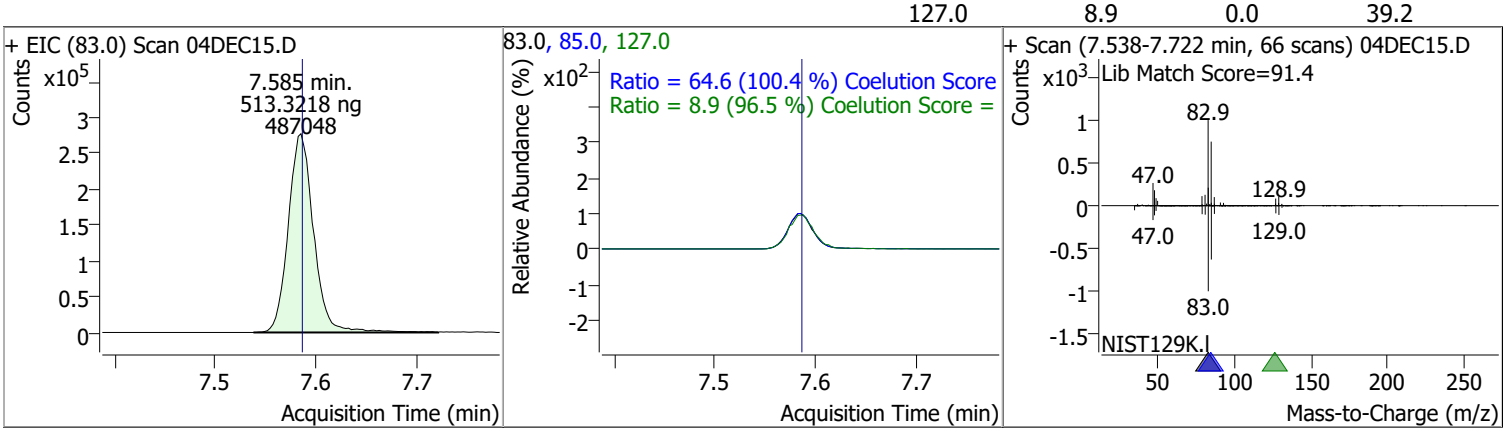
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	503.2408	7.40	0.00	168983	173.5	105.1	76.6	136.6
					95.0	82.3	55.6	115.6



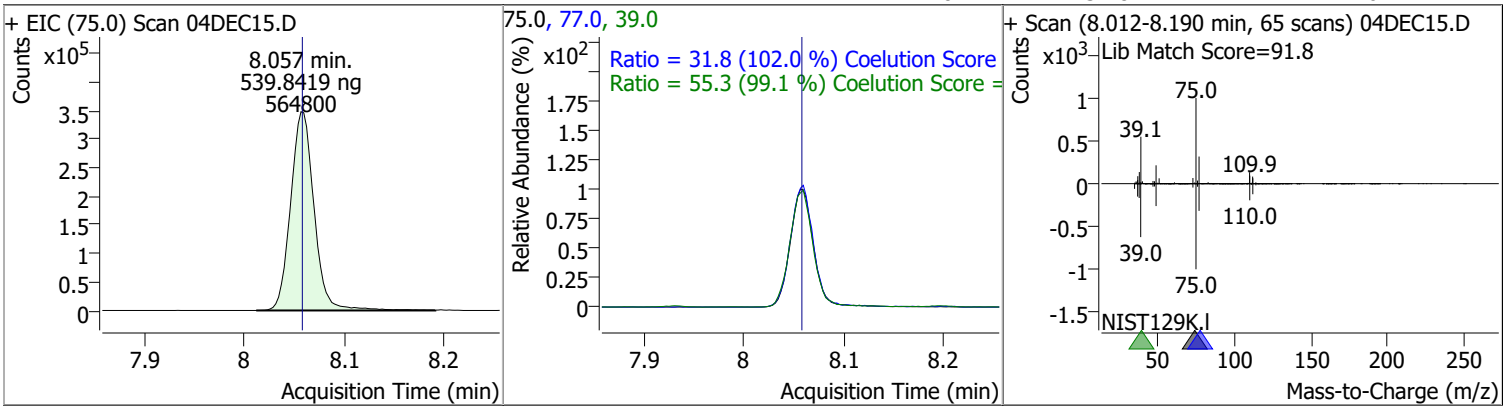




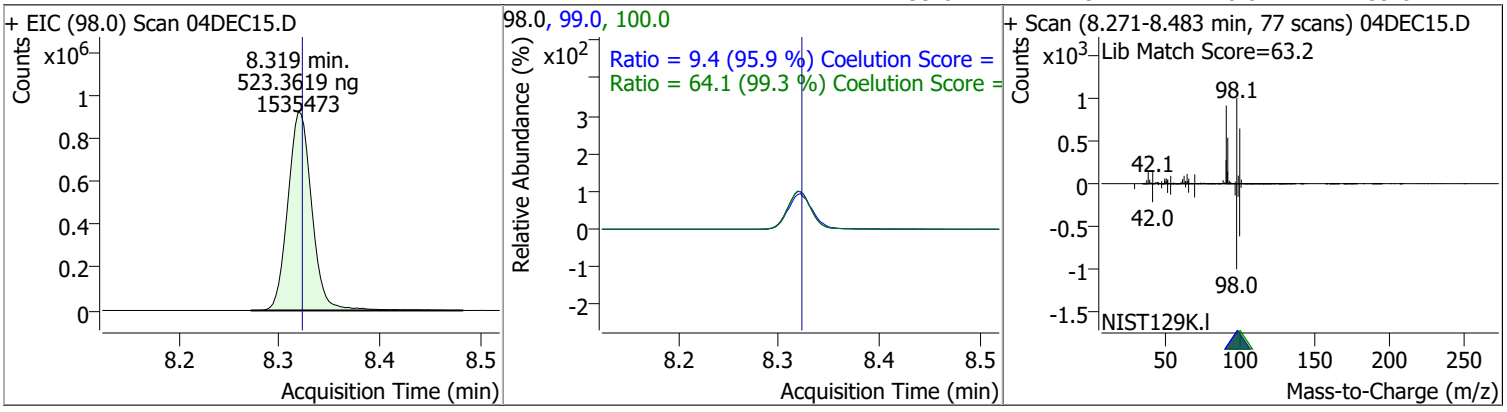
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	513.3218	7.59	0.00	487048	85.0	64.6	34.3	94.3
					127.0	8.9	0.0	39.2



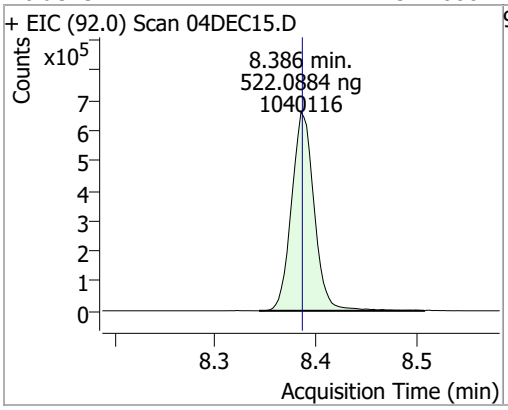
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	539.8419	8.06	0.00	564800	39.0	55.3	25.9	85.9
					77.0	31.8	1.2	61.2

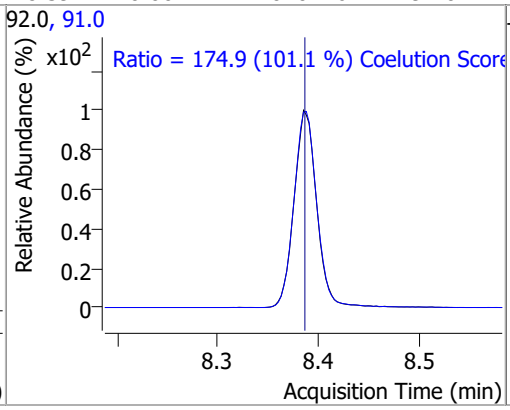


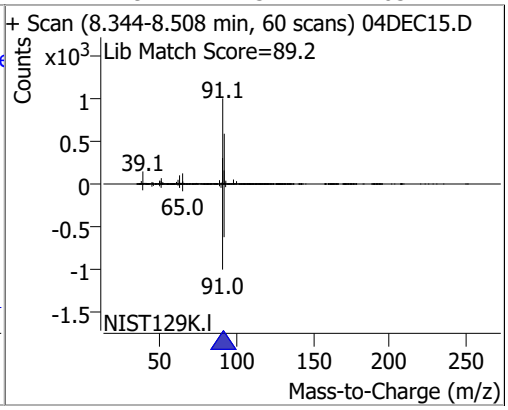
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	523.3619	8.32	0.00	1535473	100.0	64.1	34.6	94.6
					99.0	9.4	0.0	39.8



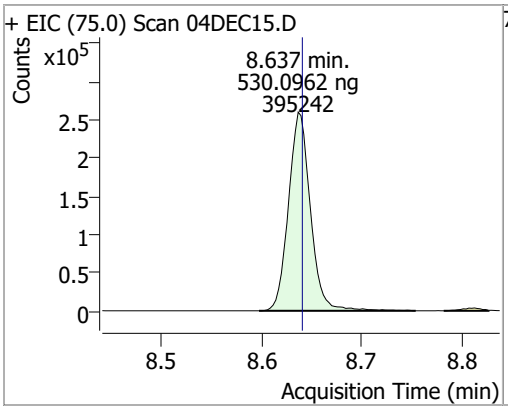
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	522.0884	8.39	0.00	1040116	91.0	174.9	143.1	203.1

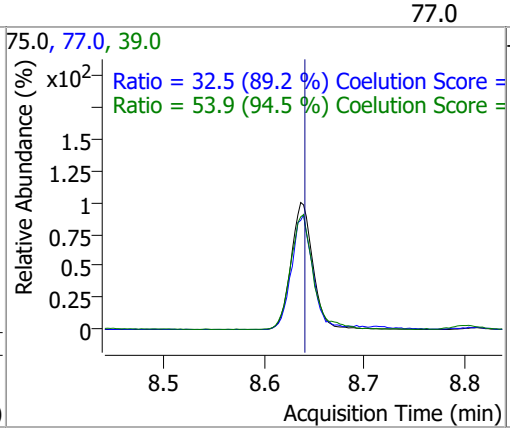


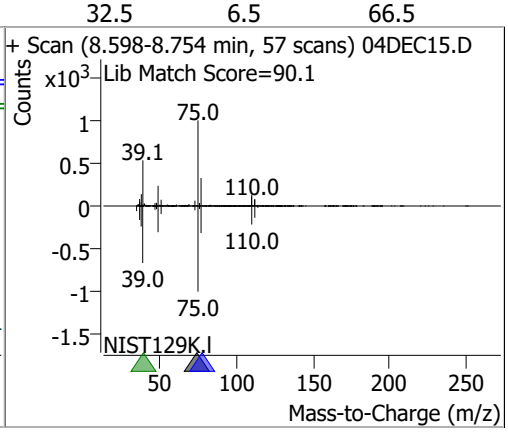




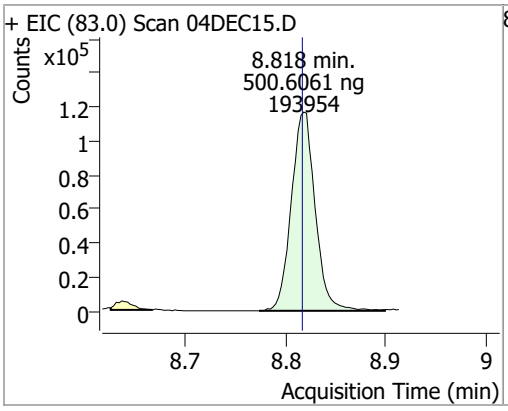
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	530.0962	8.64	0.00	395242	39.0	53.9	27.0	87.0
					77.0	32.5	6.5	66.5

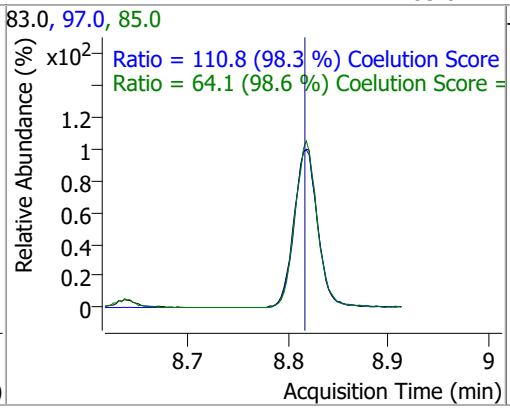


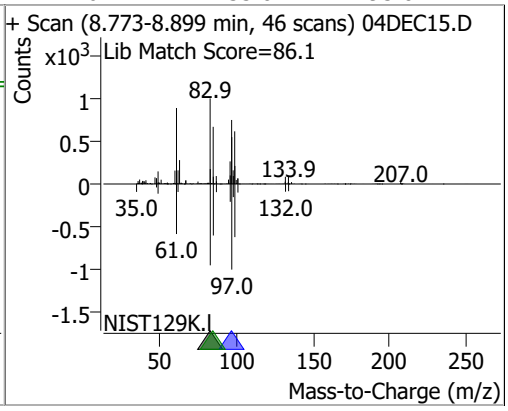




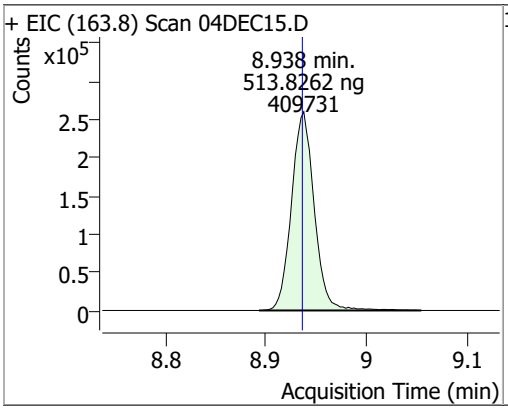
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	500.6061	8.82	0.00	193954	97.0	110.8	82.7	142.7
					85.0	64.1	35.0	95.0

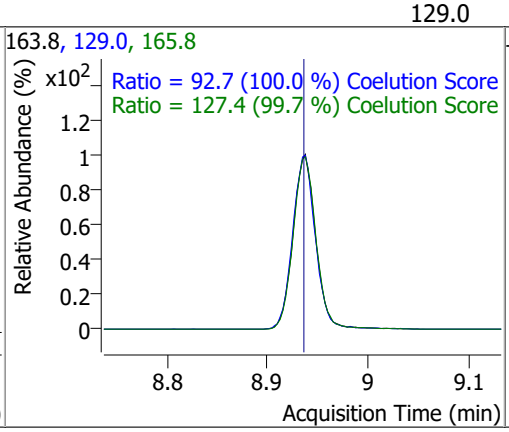


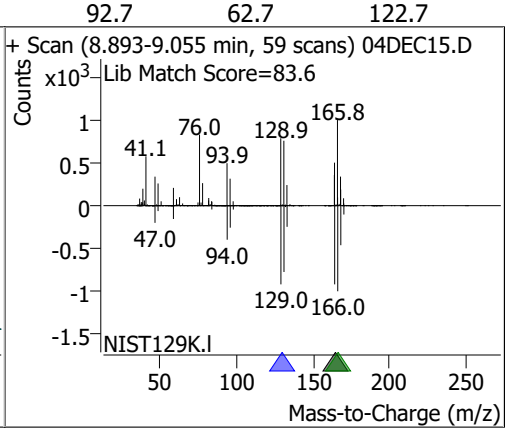




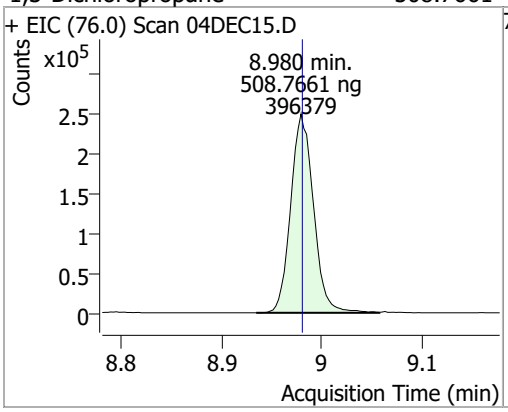
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	513.8262	8.94	0.00	409731	165.8	127.4	97.7	157.7
					129.0	92.7	62.7	122.7

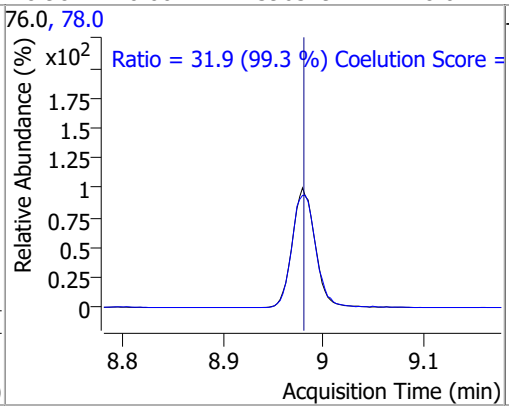


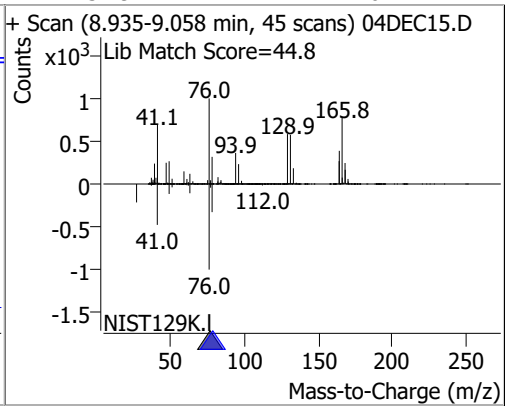




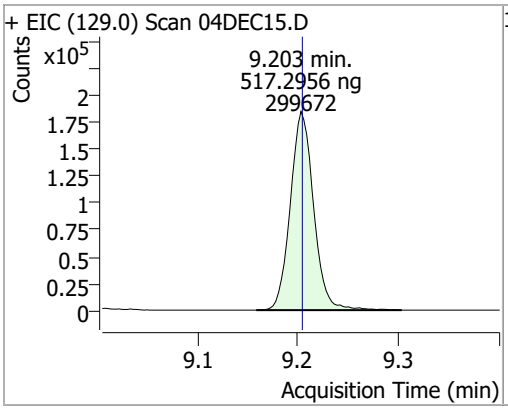
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	508.7661	8.98	0.00	396379	78.0	31.9	2.1	62.1

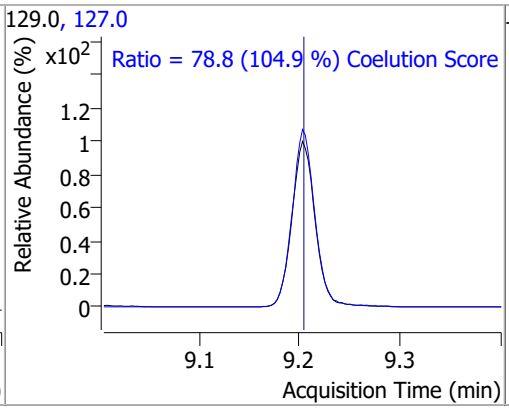


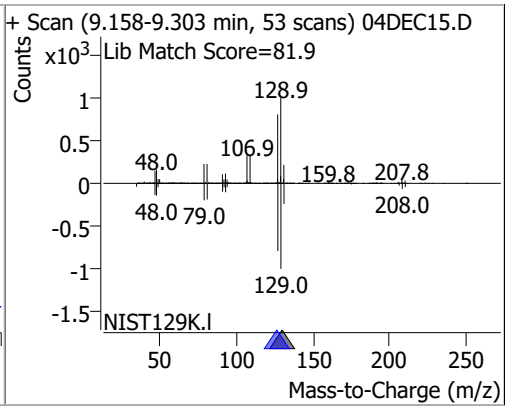




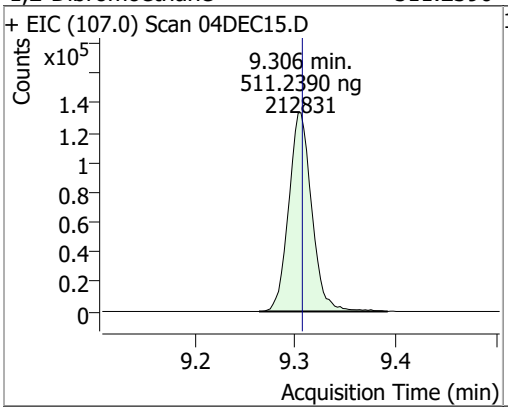
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	517.2956	9.20	0.00	299672	127.0	78.8	45.1	105.1

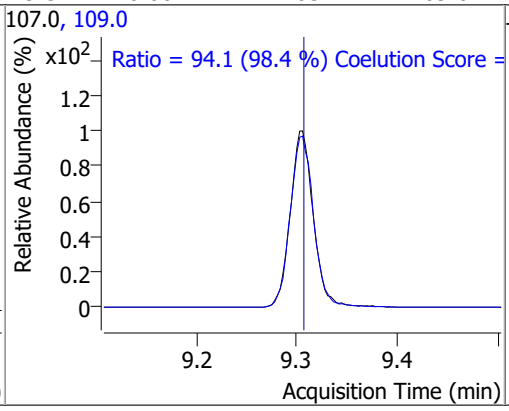


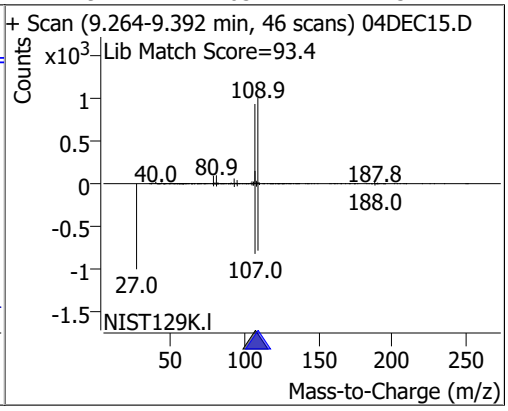




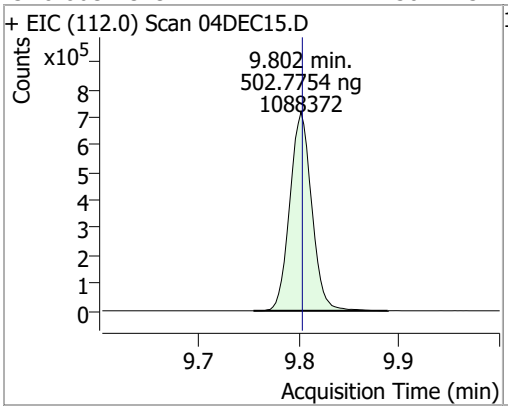
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	511.2390	9.31	0.00	212831	109.0	94.1	65.7	125.7

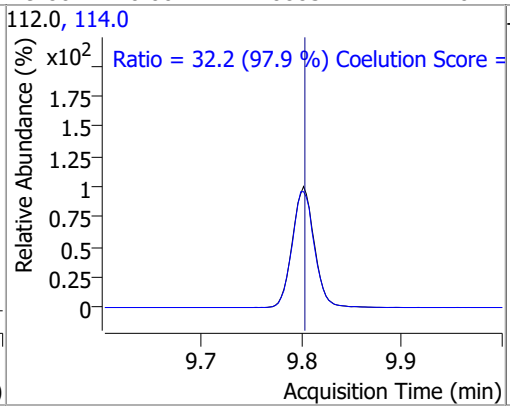


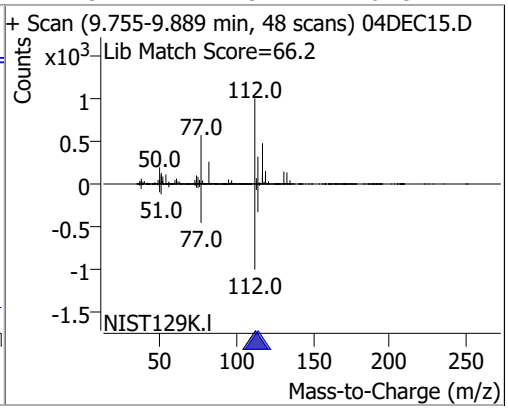




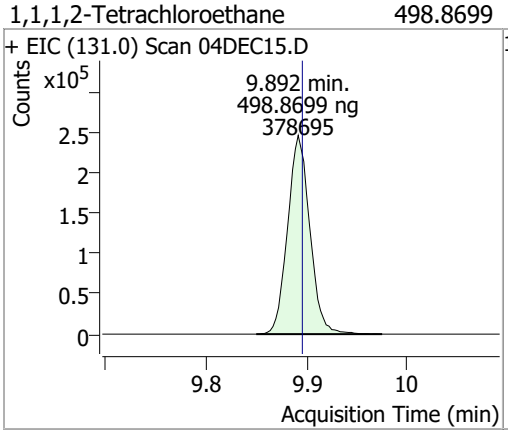
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	502.7754	9.80	0.00	1088372	114.0	32.2	2.9	62.9

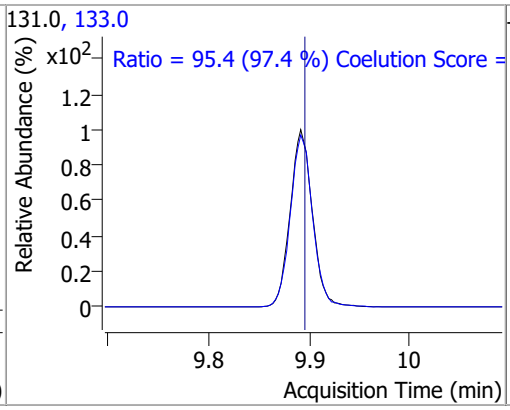


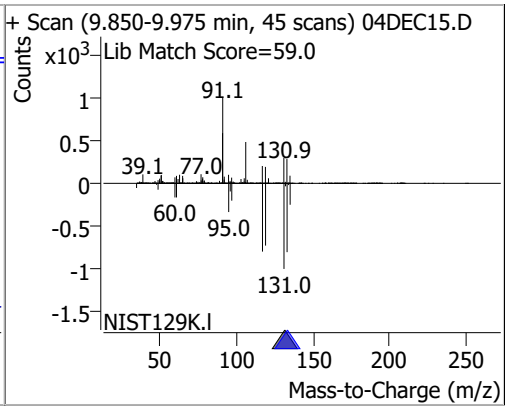




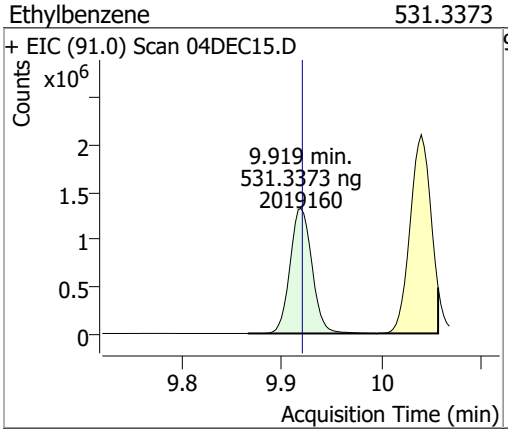
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	498.8699	9.89	0.00	378695	133.0	95.4	68.0	128.0

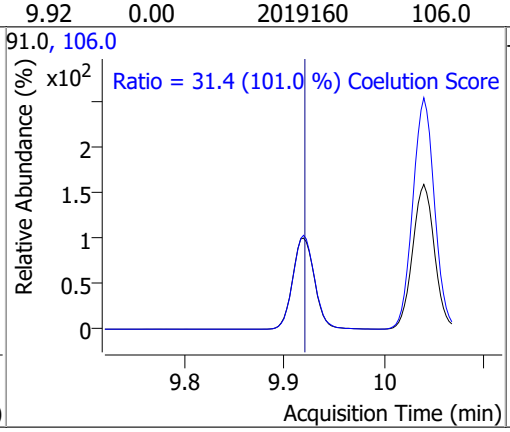


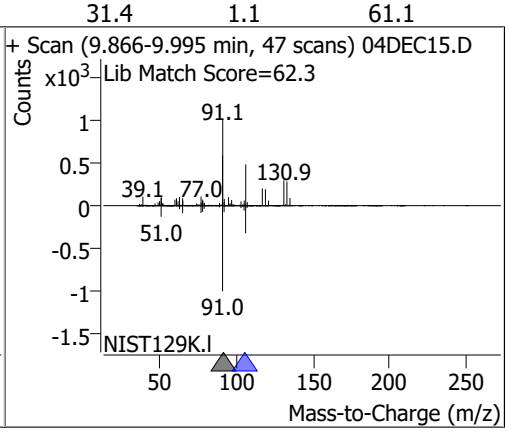




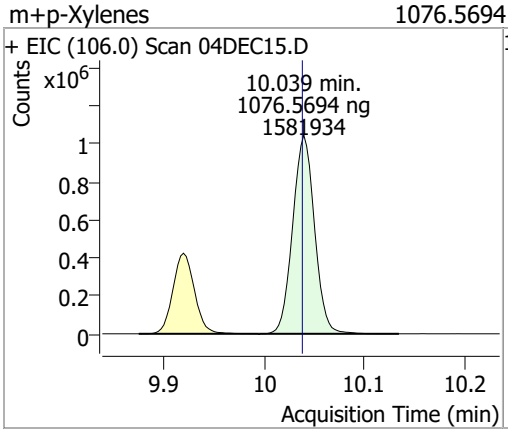
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	531.3373	9.92	0.00	2019160	106.0	31.4	1.1	61.1

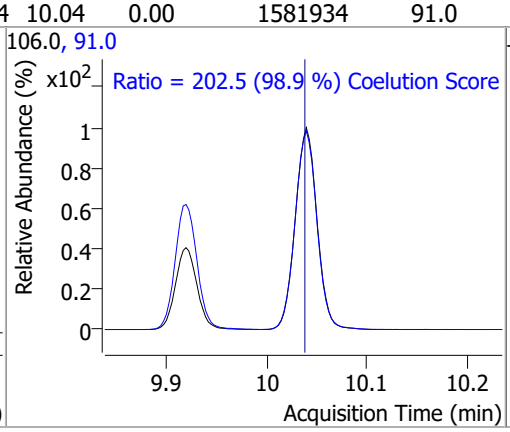


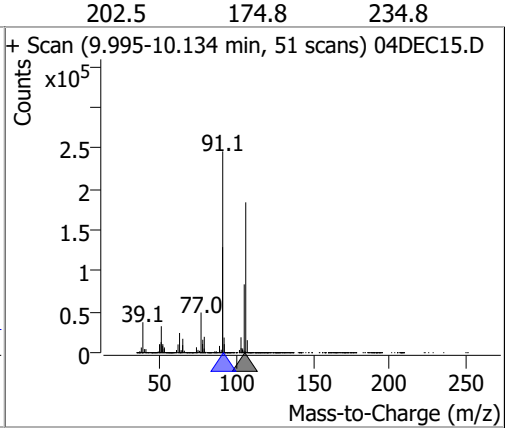




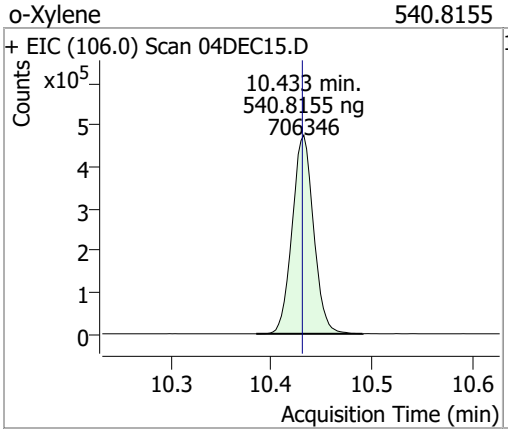
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	1076.5694	10.04	0.00	1581934	91.0	202.5	174.8	234.8

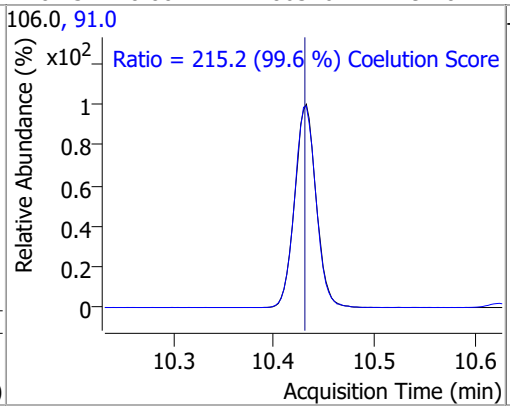


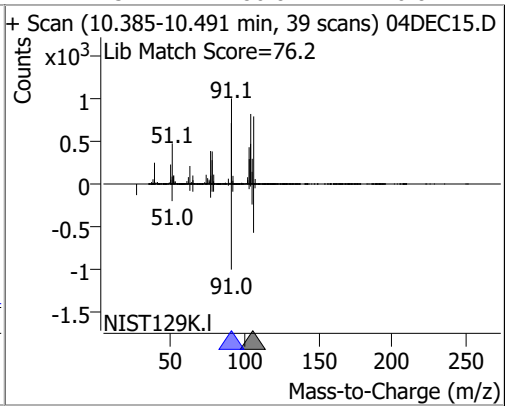




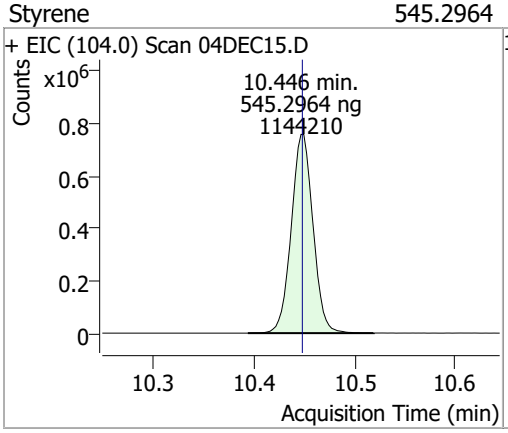
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	540.8155	10.43	0.00	706346	91.0	215.2	186.0	246.0

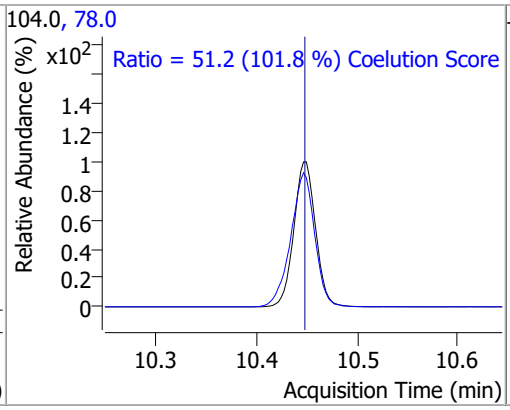


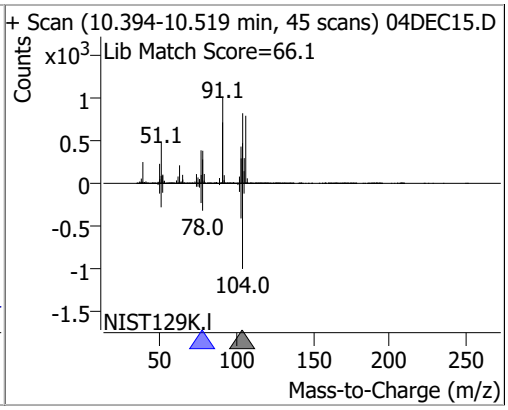




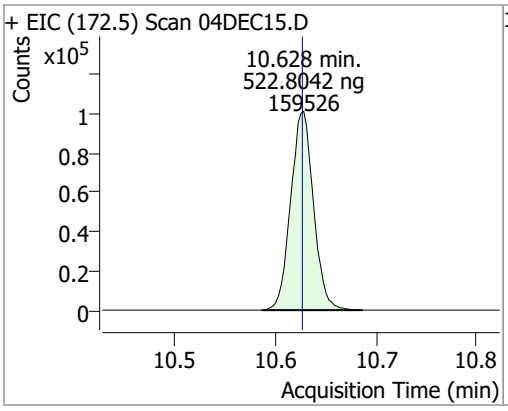
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	545.2964	10.45	0.00	1144210	78.0	51.2	20.3	80.3

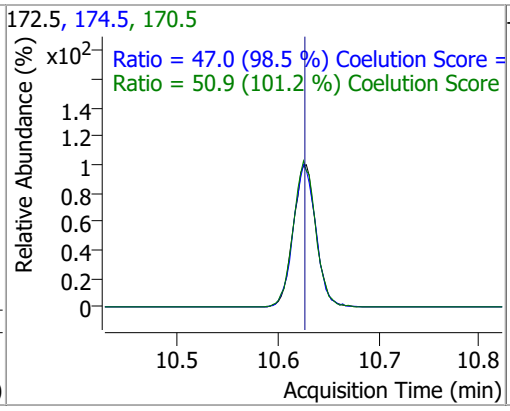


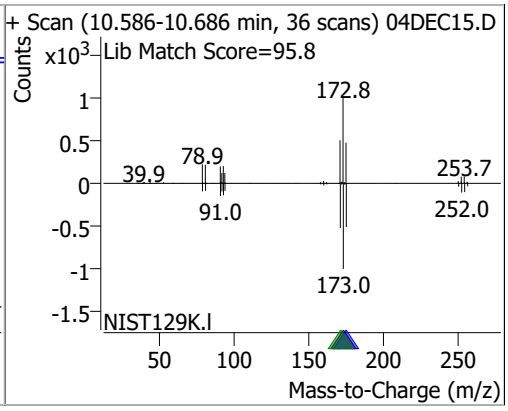




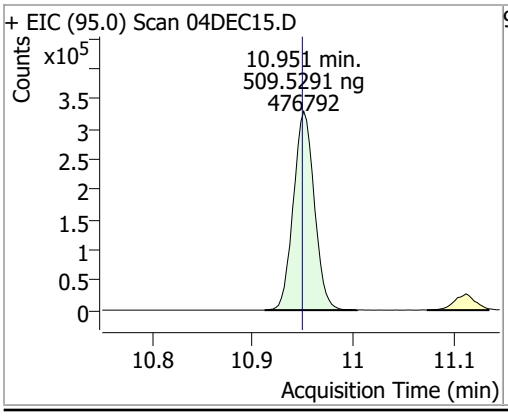
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	522.8042	10.63	0.00	159526	170.5	50.9	20.2	80.2
					174.5	47.0	17.7	77.7

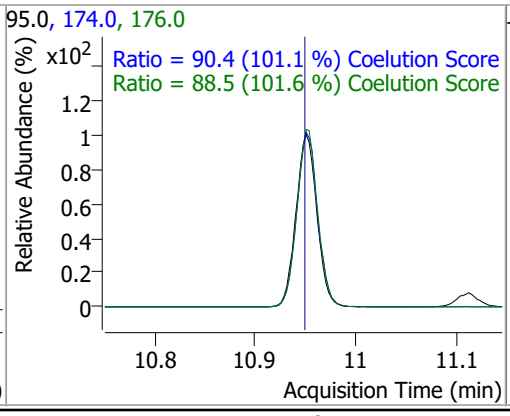


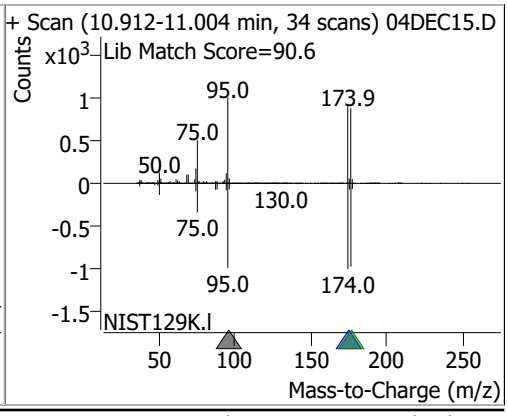




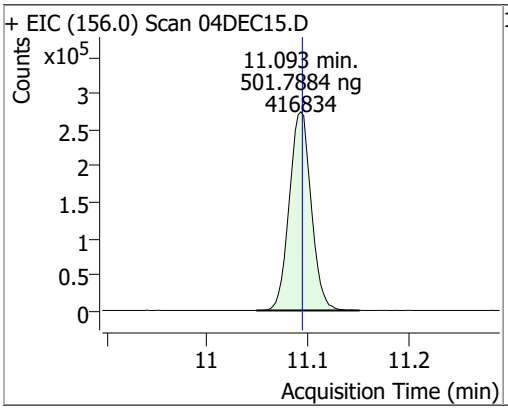
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	509.5291	10.95	0.00	476792	174.0	90.4	59.4	119.4
					176.0	88.5	57.1	117.1

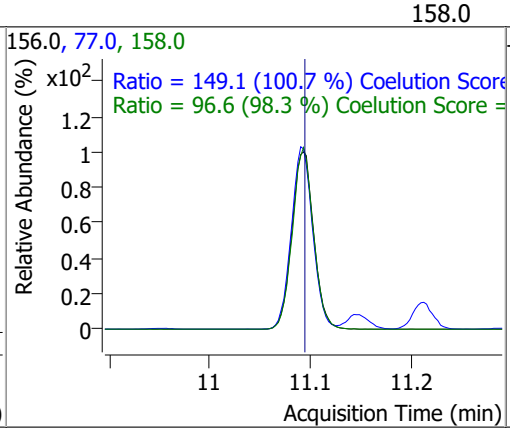


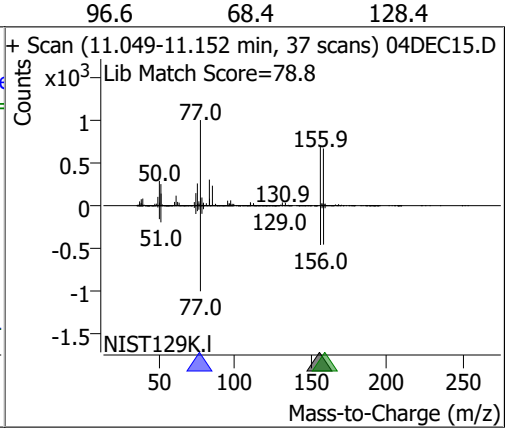




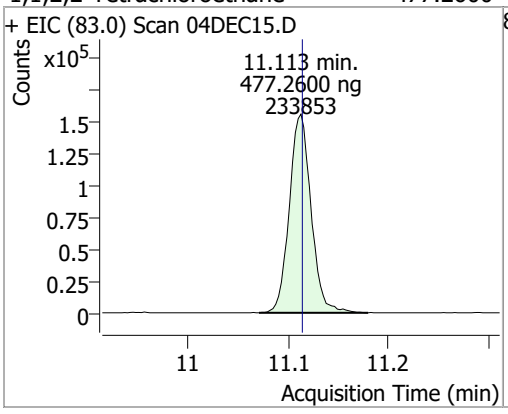
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	501.7884	11.09	0.00	416834	77.0	149.1	118.1	178.1
					158.0	96.6	68.4	128.4

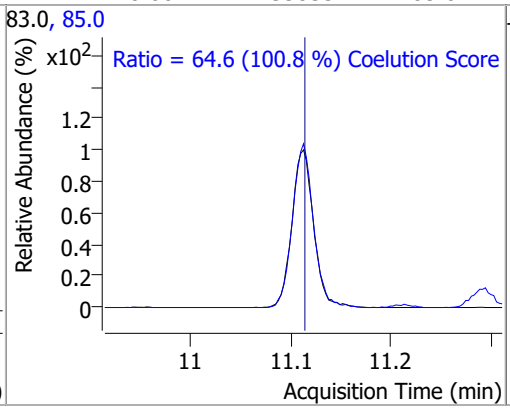


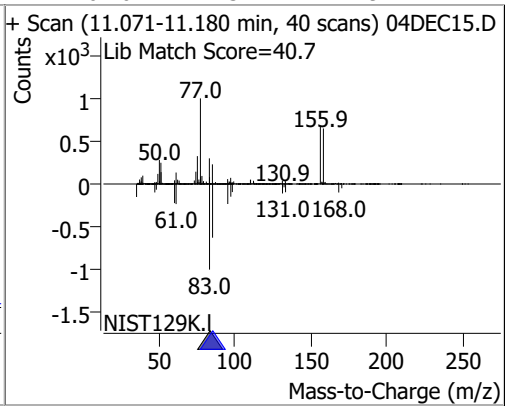




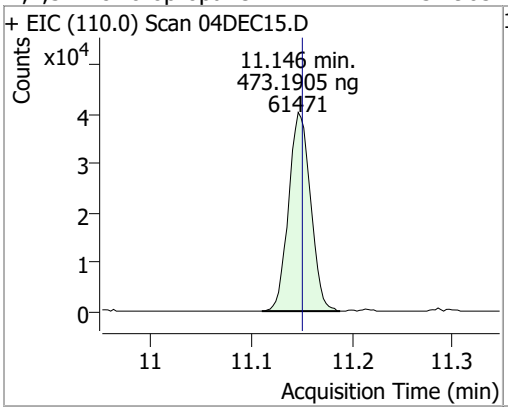
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	477.2600	11.11	0.00	233853	85.0	64.6	34.1	94.1

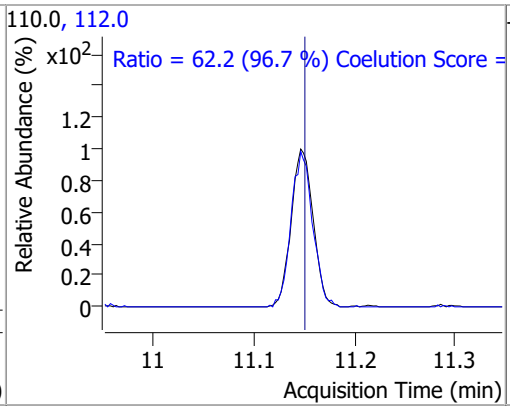


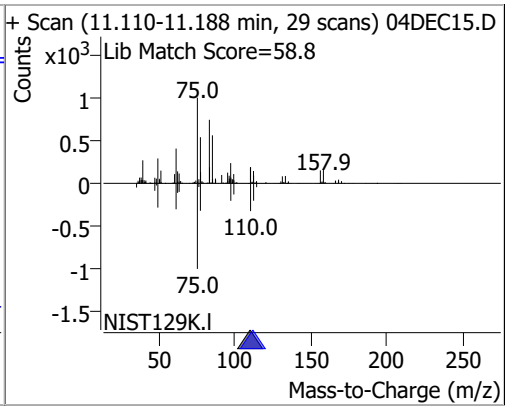




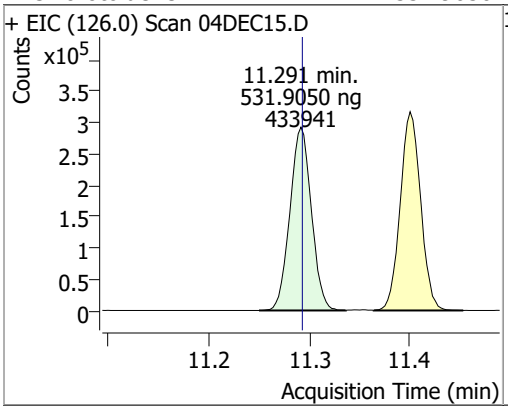
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	473.1905	11.15	0.00	61471	112.0	62.2	34.3	94.3

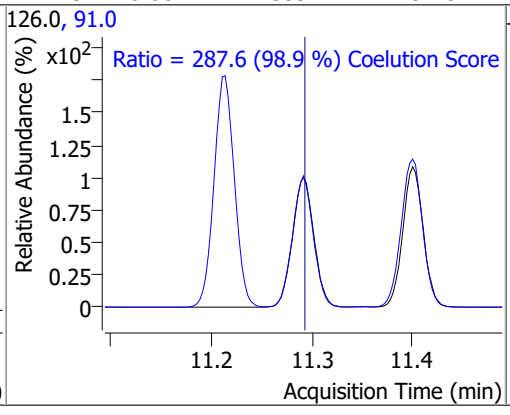


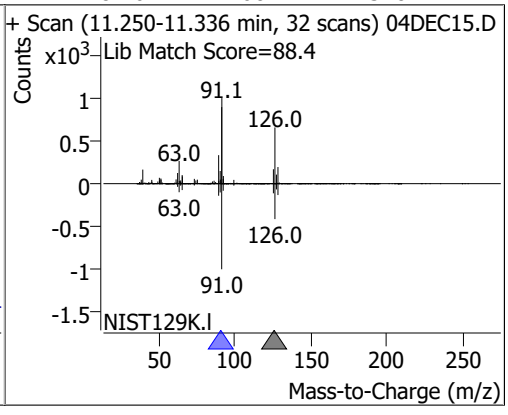




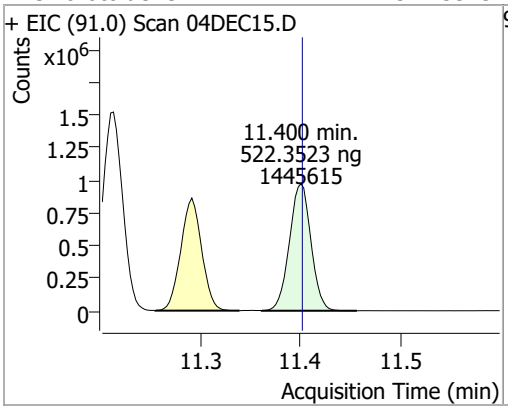
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	531.9050	11.29	0.00	433941	91.0	287.6	260.7	320.7

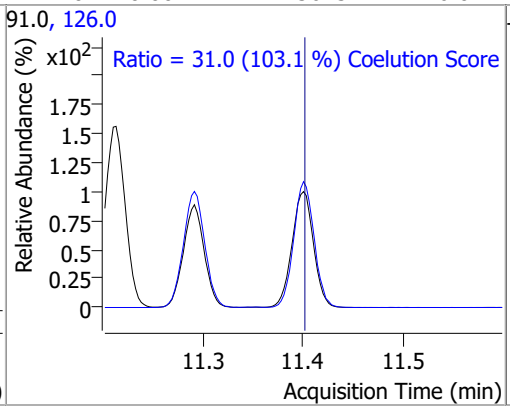


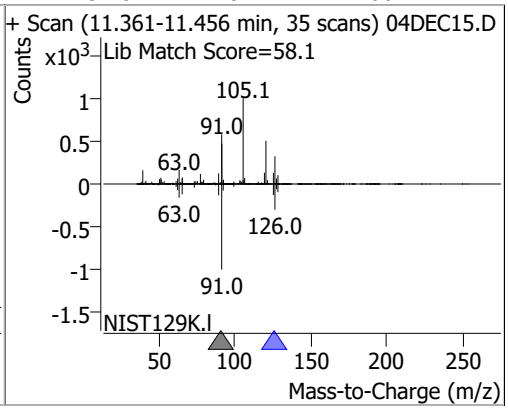




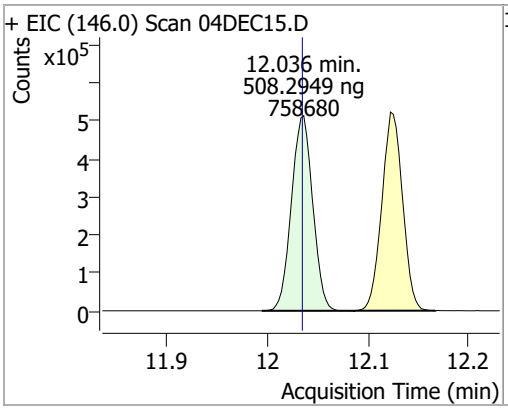
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	522.3523	11.40	0.00	1445615	126.0	31.0	0.1	60.1

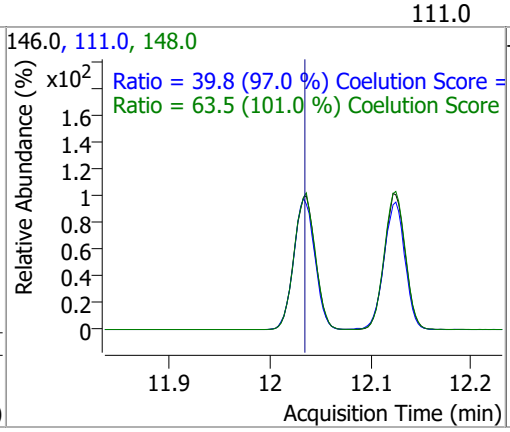


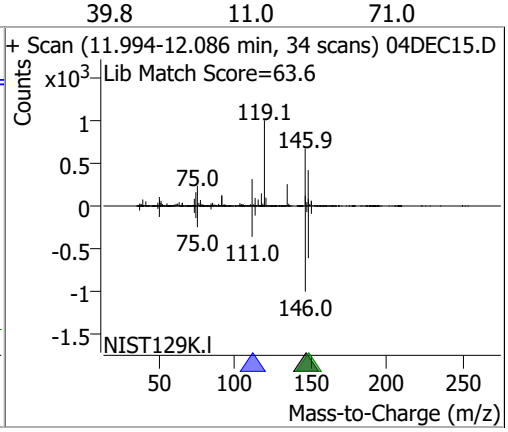




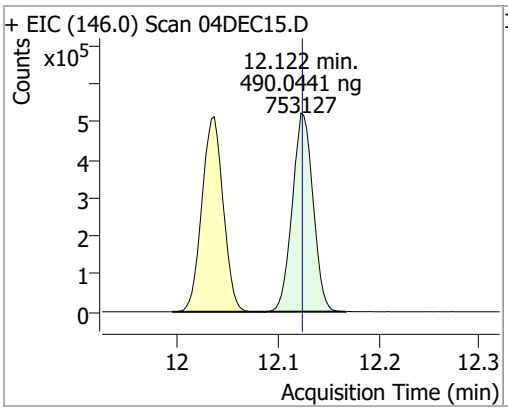
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	508.2949	12.04	0.00	758680	148.0	63.5	32.9	92.9
					111.0	39.8	11.0	71.0

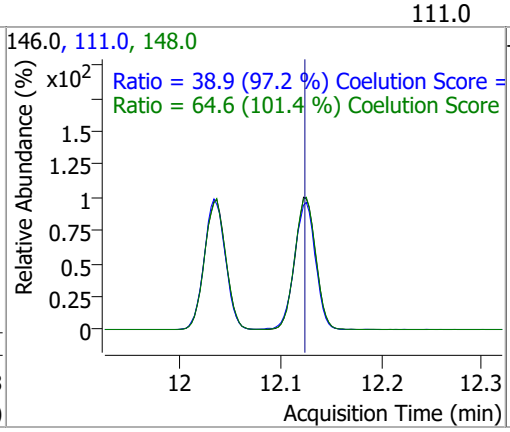


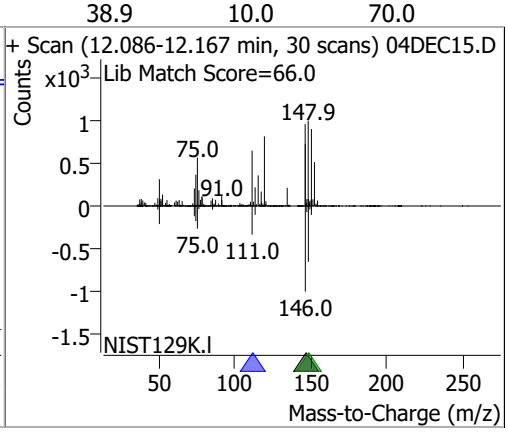




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	490.0441	12.12	0.00	753127	148.0	64.6	33.8	93.8
					111.0	38.9	10.0	70.0

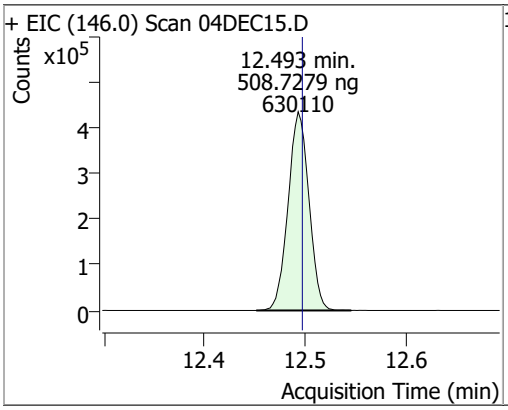


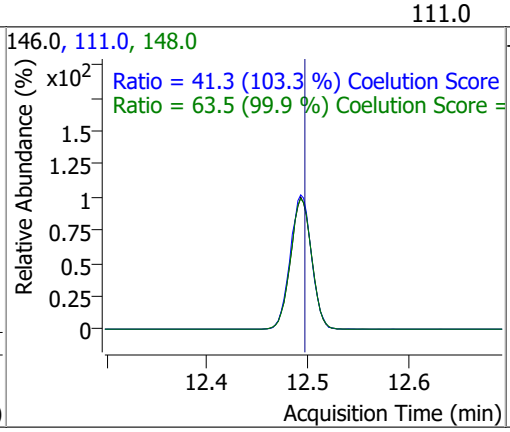


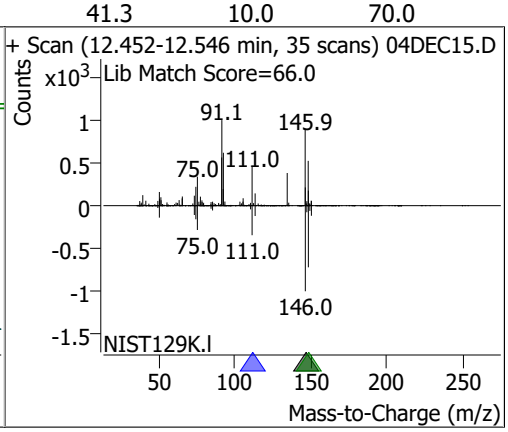


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	508.7279	12.49	0.00	630110	148.0	63.5	33.5	93.5
					111.0	41.3	10.0	70.0

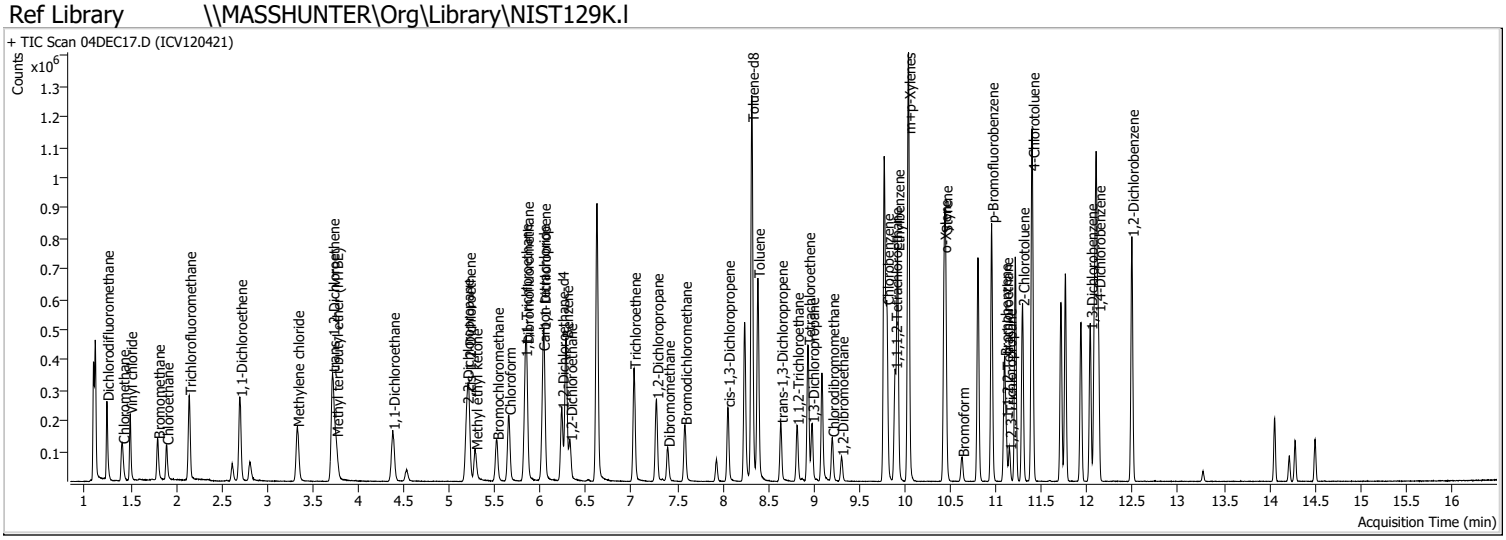






Quantitation Results Report (QT Reviewed)

Data File	04DEC17.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/4/2021 6:59:21 PM
Sample Name	ICV120421	Instrument	VOA5975C
Vial	17	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120421_8260B_SHT.batch.bin	Last Calib Update	12/8/2021 11:02:08 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

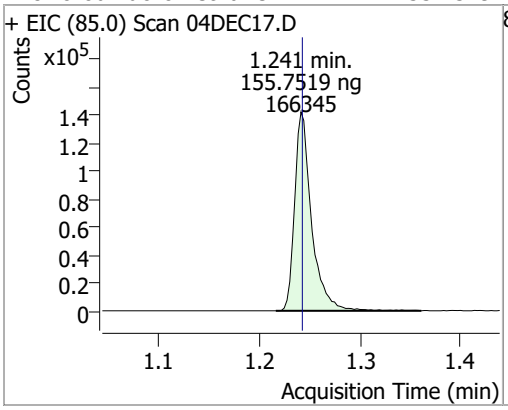


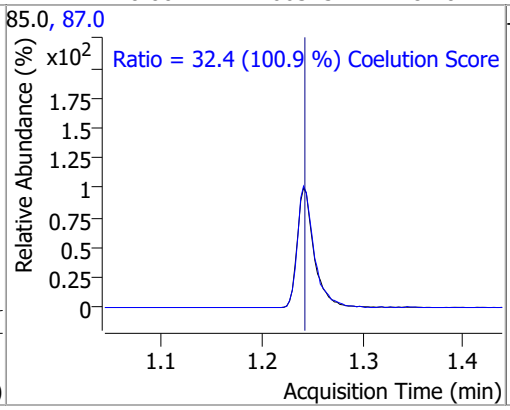
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	773924	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	289649	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	234169	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	188280	255.4447	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 102.18%		
S 1,2-Dichloroethane-d4	6.236	67.0	85120	251.0037	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 100.40%		
S Toluene-d8	8.319	98.0	767248	268.1577	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.26%		
S p-Bromofluorobenzene	10.951	95.0	236947	263.6250	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.45%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	166345	155.7519	ng	100
T Chloromethane	1.411	50.0	140046	114.0416	ng	98
T Vinyl chloride	1.498	62.0	150486	128.4332	ng	99
T Bromomethane	1.799	96.0	67788	144.1626	ng	98
T Chloroethane	1.897	64.0	78942	121.0698	ng	99
T Trichlorofluoromethane	2.145	101.0	190936	124.6623	ng	99
T 1,1-Dichloroethene	2.703	96.0	97284	118.9107	ng	99
T Methylene chloride	3.330	49.0	130013	114.6863	ng	98
T trans-1,2-Dichloroethene	3.718	96.0	99123	121.3292	ng	100
T Methyl tert-butyl ether (MTBE)	3.757	73.0	132423	128.3320	ng	99
T 1,1-Dichloroethane	4.378	63.0	189085	121.7939	ng	99
T 2,2-Dichloropropane	5.190	77.0	135661	117.8150	ng	97
T cis-1,2-Dichloroethene	5.215	96.0	102618	122.5165	ng	99
T Methyl ethyl ketone	5.285	43.0	137595	1278.4619	ng	95
T Bromochloromethane	5.522	128.0	38121	119.1429	ng	97
T Chloroform	5.653	83.0	169848	114.0192	ng	99

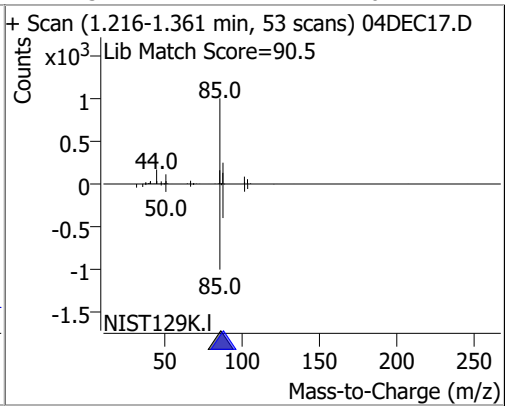
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	170089	118.4111	ng	99
T Carbon tetrachloride	6.027	117.0	164876	117.7023	ng	100
T 1,1-Dichloropropene	6.038	75.0	145557	116.3728	ng	99
T Benzene	6.280	78.0	386873	121.5345	ng	99
T 1,2-Dichloroethane	6.325	62.0	99008	118.1590	ng	96
T Trichloroethene	7.025	95.0	112440	119.7809	ng	99
T 1,2-Dichloropropane	7.273	63.0	92930	119.0929	ng	100
T Dibromomethane	7.396	93.0	38784	118.4350	ng	97
T Bromodichloromethane	7.585	83.0	112636	121.7278	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	121883	119.4565	ng	99
T Toluene	8.386	92.0	244858	126.0292	ng	98
T trans-1,3-Dichloropropene	8.637	75.0	90360	124.2689	ng	92
T 1,1,2-Trichloroethane	8.815	83.0	45053	119.2383	ng	98
T Tetrachloroethene	8.938	163.8	98626	126.8246	ng	98
T 1,3-Dichloropropane	8.980	76.0	89323	117.5616	ng	99
T Chlorodibromomethane	9.203	129.0	68540	121.3197	ng	96
T 1,2-Dibromoethane	9.303	107.0	48660	119.8549	ng	99
T Chlorobenzene	9.802	112.0	261940	124.0775	ng	100
T 1,1,1,2-Tetrachloroethane	9.892	131.0	87226	117.8252	ng	97
T Ethylbenzene	9.920	91.0	467853	126.2419	ng	99
T m+p-Xylenes	10.039	106.0	359316	250.7407	ng	100
T o-Xylene	10.430	106.0	162971	127.9489	ng	100
T Styrene	10.447	104.0	268834	131.3729	ng	100
T Bromoform	10.628	172.5	36301	123.8573	ng	98
T Bromobenzene	11.094	156.0	98174	123.0409	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	56064	119.1219	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	15099	121.0067	ng	97
T 2-Chlorotoluene	11.289	126.0	102457	130.7496	ng	99
T 4-Chlorotoluene	11.400	91.0	343501	129.2213	ng	97
T 1,3-Dichlorobenzene	12.036	146.0	187372	130.6945	ng	99
T 1,4-Dichlorobenzene	12.123	146.0	181911	123.2314	ng	99
T 1,2-Dichlorobenzene	12.491	146.0	152238	127.9639	ng	100

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

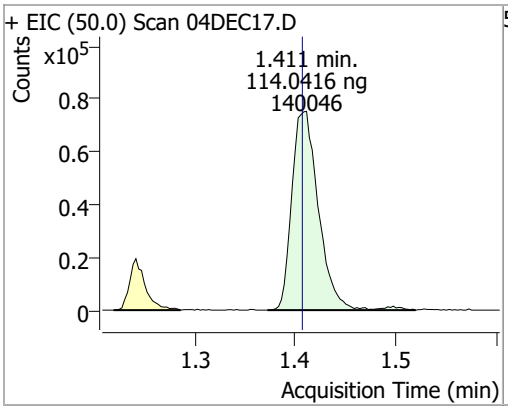
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	155.7519	1.24	0.00	166345	87.0	32.4	2.1	62.1

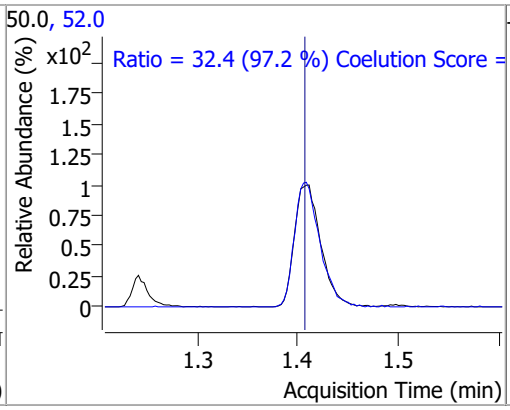


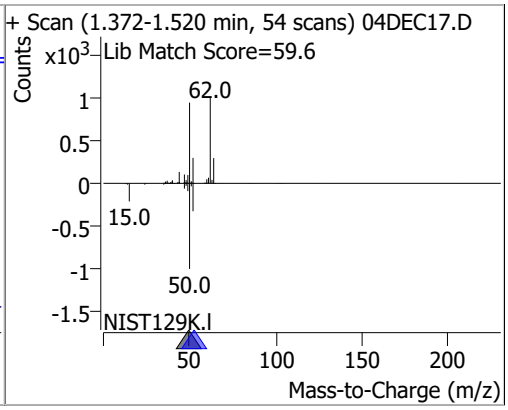




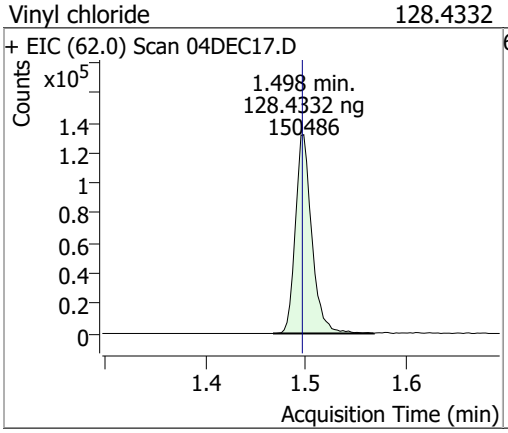
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	114.0416	1.41	0.01	140046	52.0	32.4	3.4	63.4

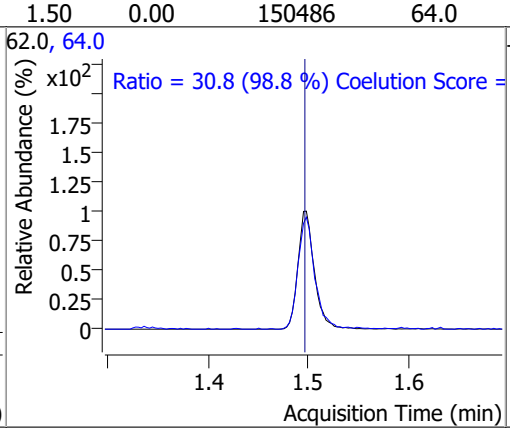


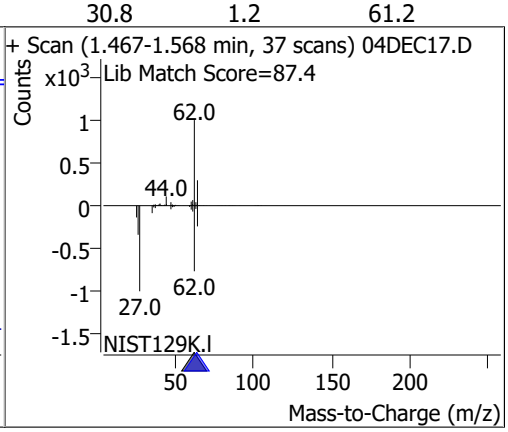




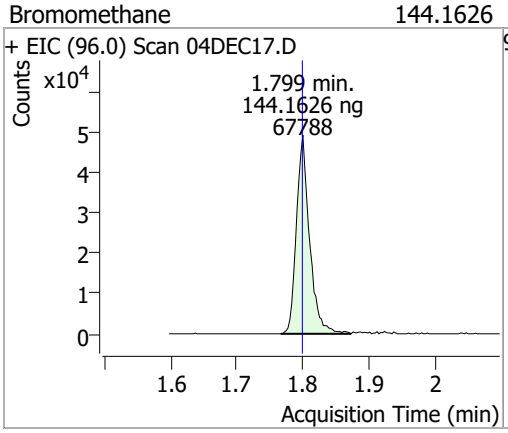
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	128.4332	1.50	0.00	150486	64.0	30.8	1.2	61.2

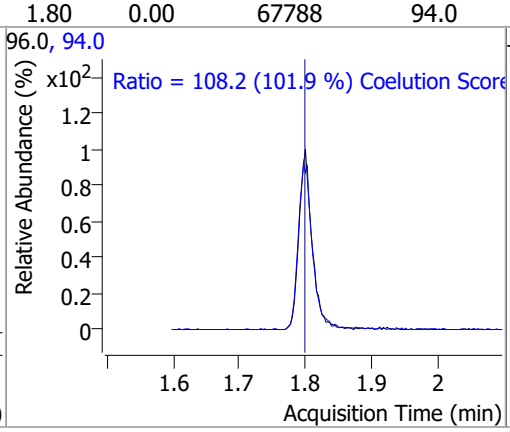


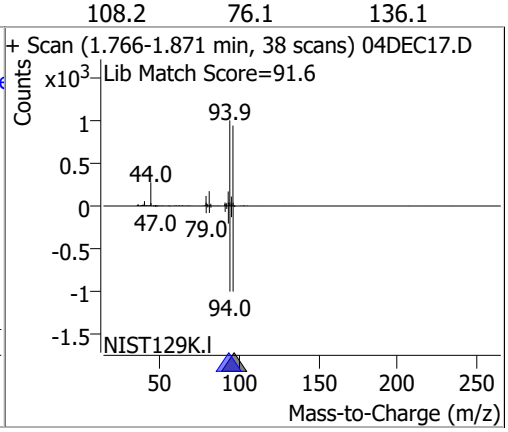




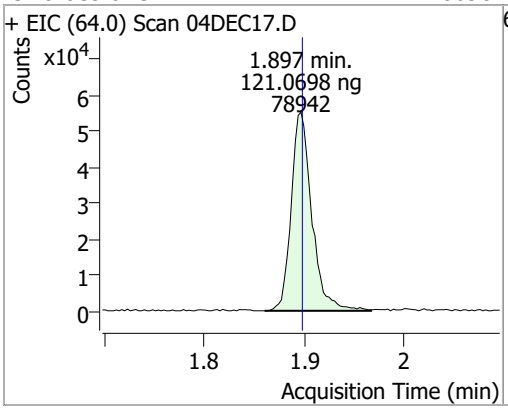
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	144.1626	1.80	0.00	67788	94.0	108.2	76.1	136.1

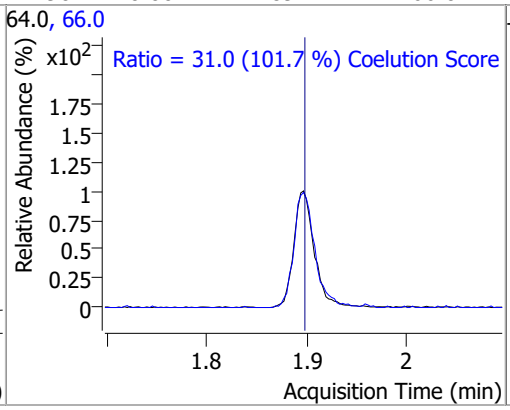


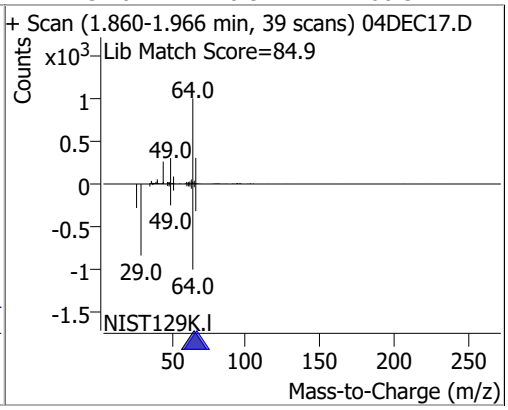




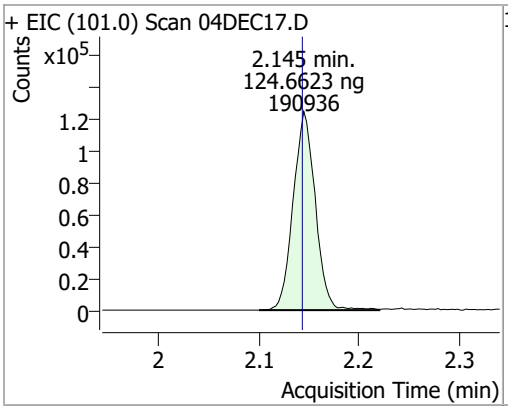
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	121.0698	1.90	0.00	78942	66.0	31.0	0.5	60.5

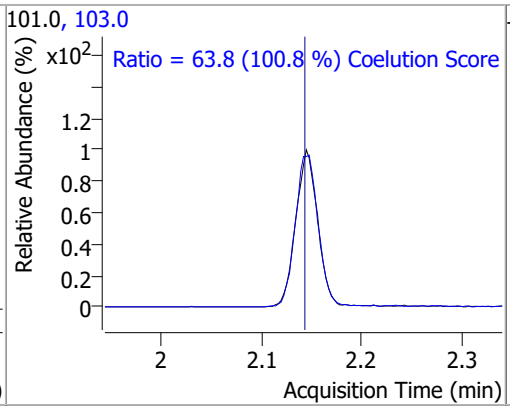


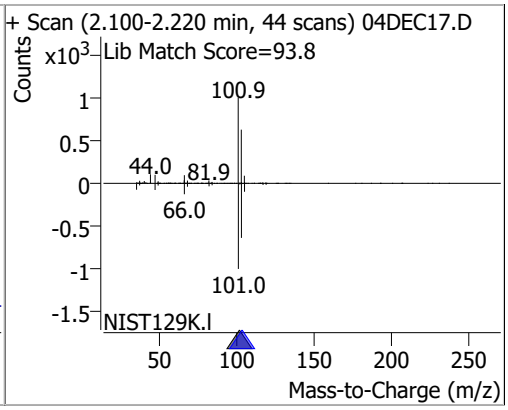




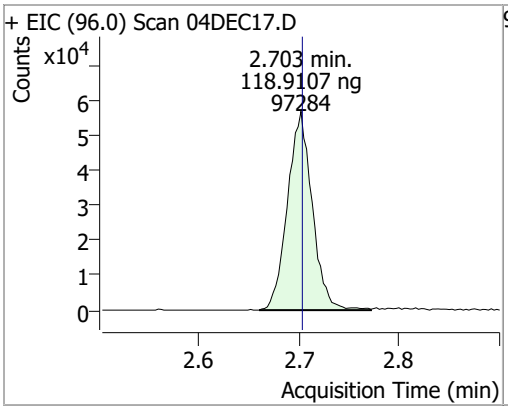
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	124.6623	2.14	0.00	190936	103.0	63.8	33.3	93.3

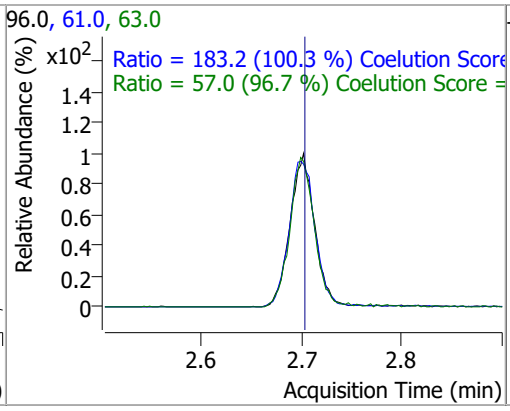


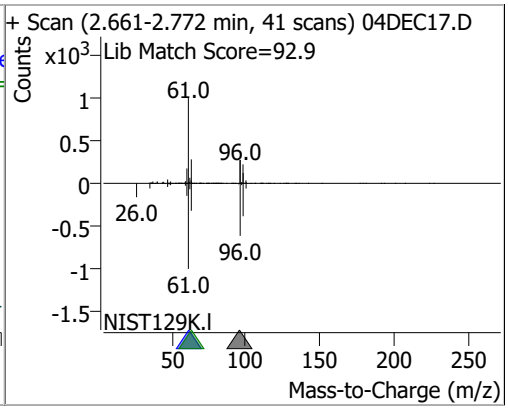




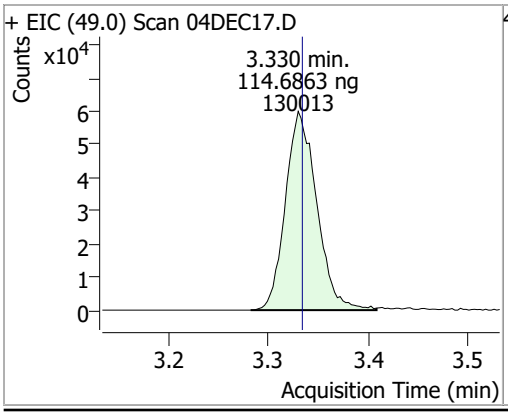
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	118.9107	2.70	0.00	97284	61.0	183.2	152.6	212.6
					63.0	57.0	28.9	88.9

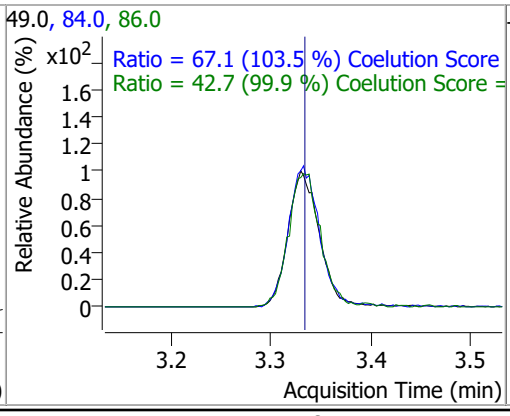


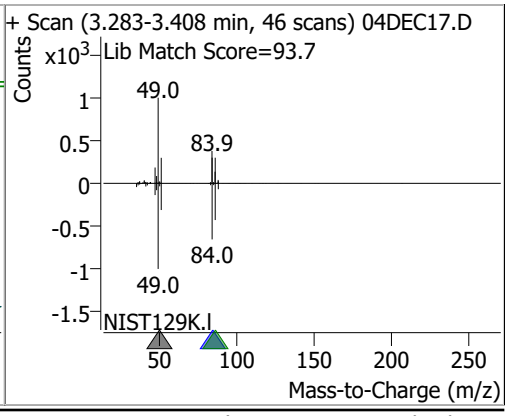




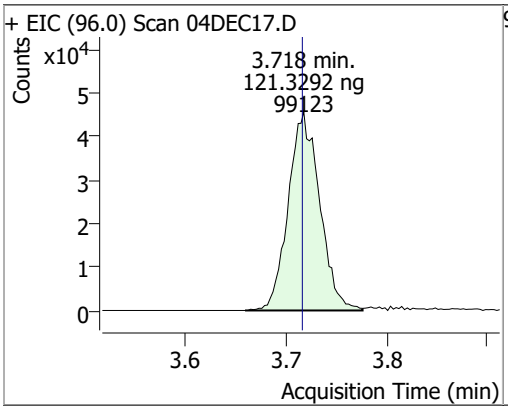
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	114.6863	3.33	0.00	130013	84.0	67.1	34.8	94.8
					86.0	42.7	12.7	72.7

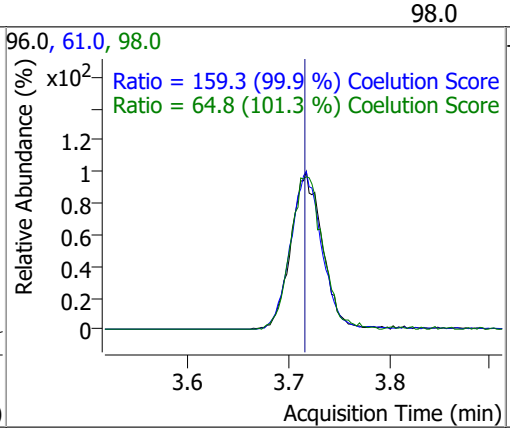


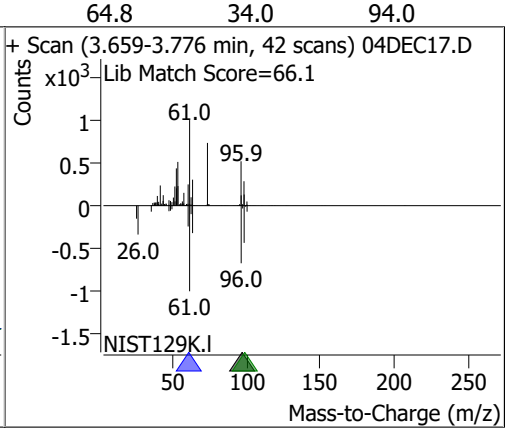




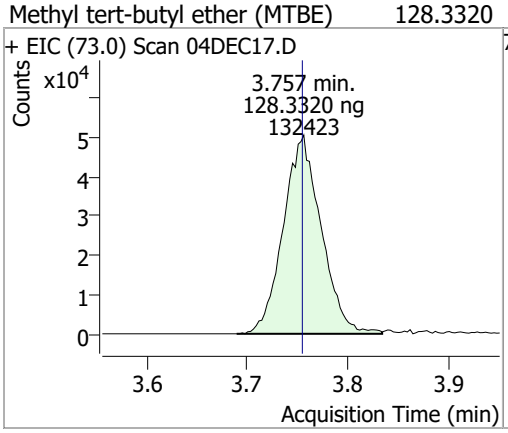
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	121.3292	3.72	0.00	99123	61.0	159.3	129.4	189.4
					98.0	64.8	34.0	94.0

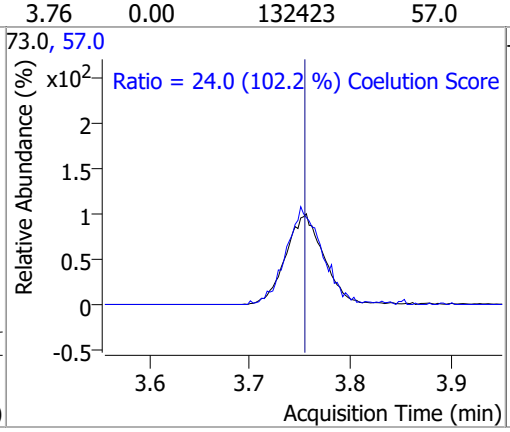


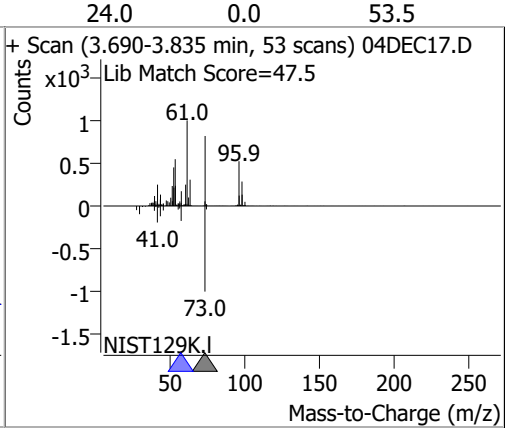




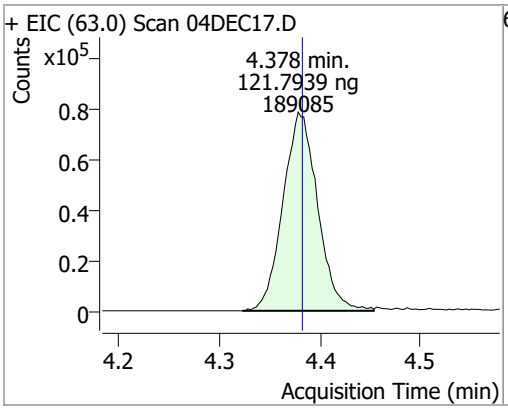
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	128.3320	3.76	0.00	132423	57.0	24.0	0.0	53.5

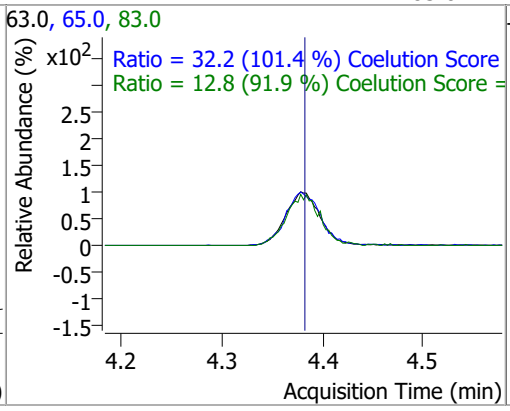


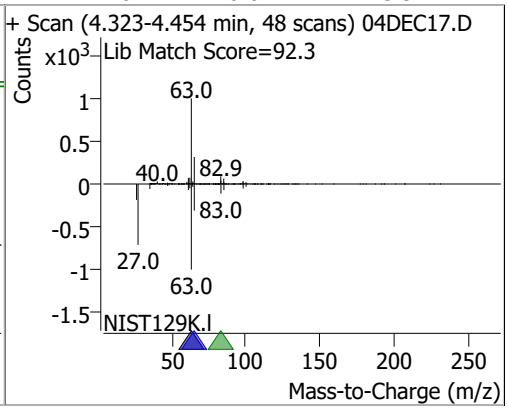




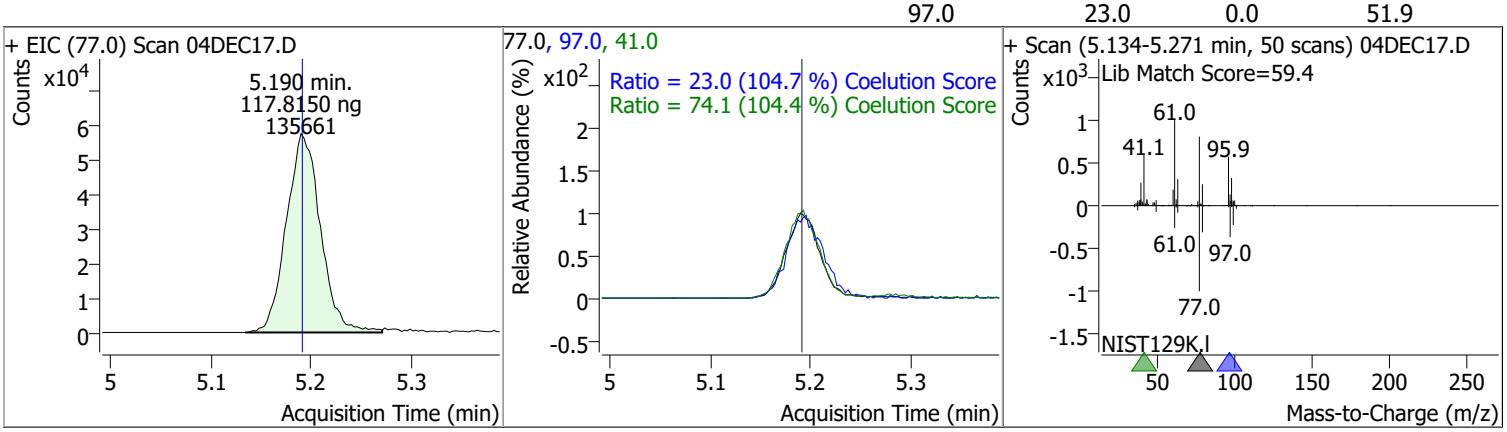
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	121.7939	4.38	0.00	189085	65.0	32.2	1.7	61.7
					83.0	12.8	0.0	43.9



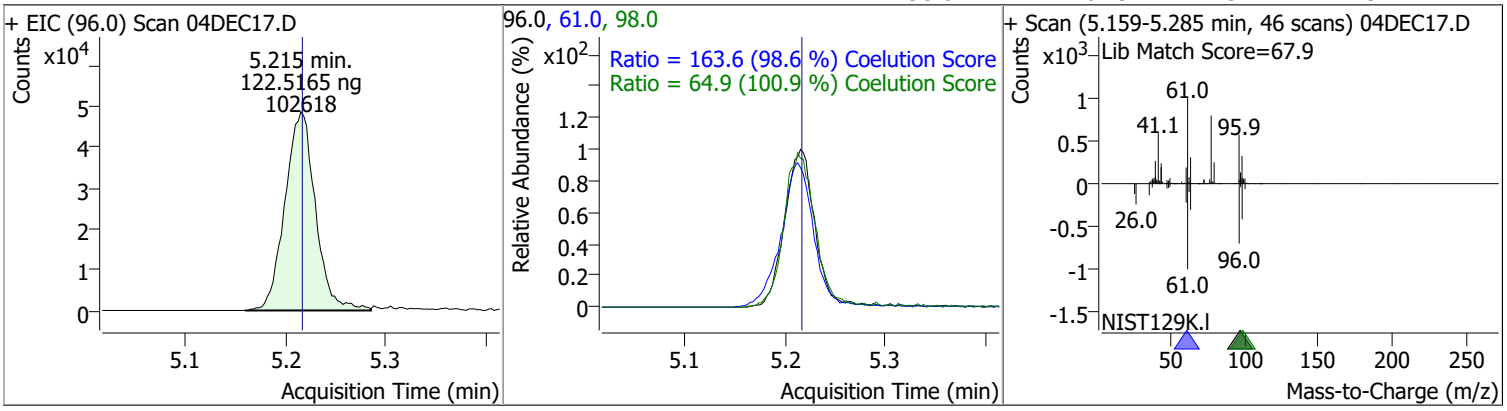




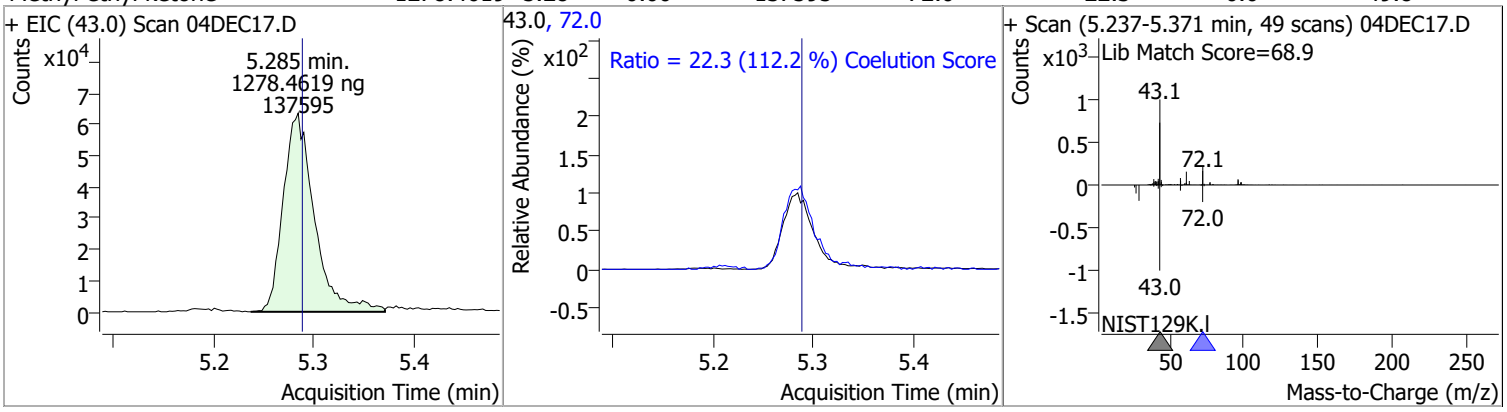
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	117.8150	5.19	0.00	135661	41.0	74.1	41.0	101.0
					97.0	23.0	0.0	51.9



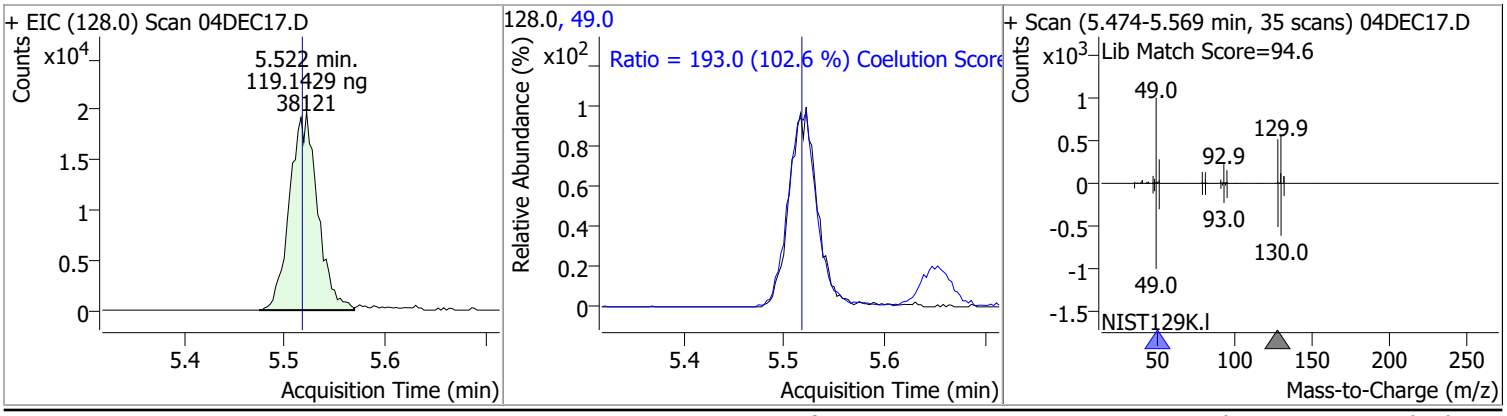
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	122.5165	5.22	0.00	102618	61.0	163.6	135.9	195.9
					98.0	64.9	34.4	94.4



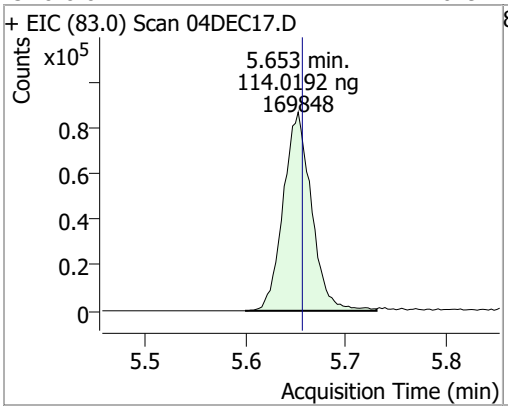
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1278.4619	5.28	0.00	137595	72.0	22.3	0.0	49.8

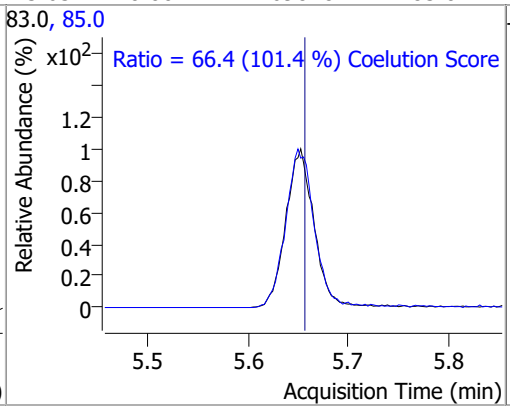


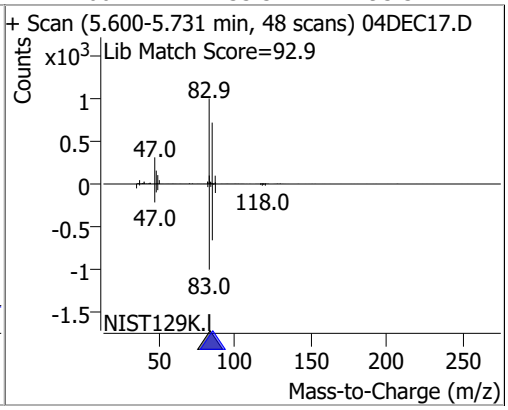
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	119.1429	5.52	0.01	38121	49.0	193.0	158.1	218.1



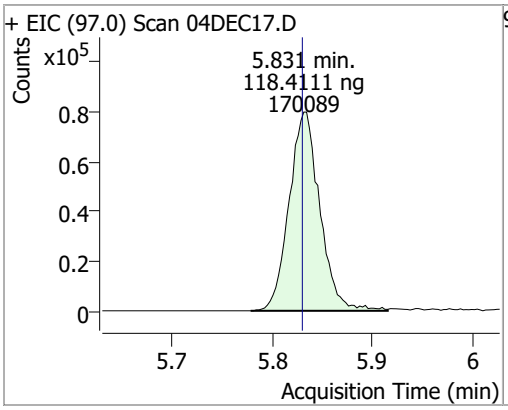
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	114.0192	5.65	0.00	169848	85.0	66.4	35.5	95.5

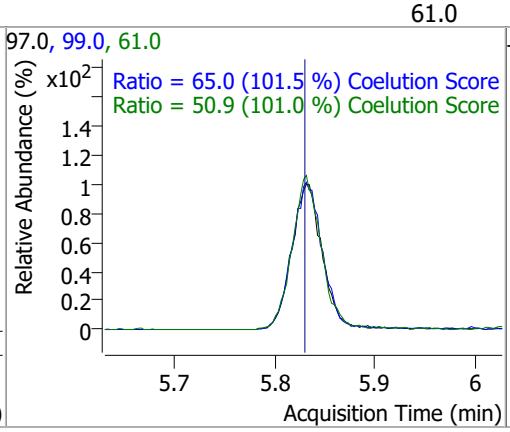


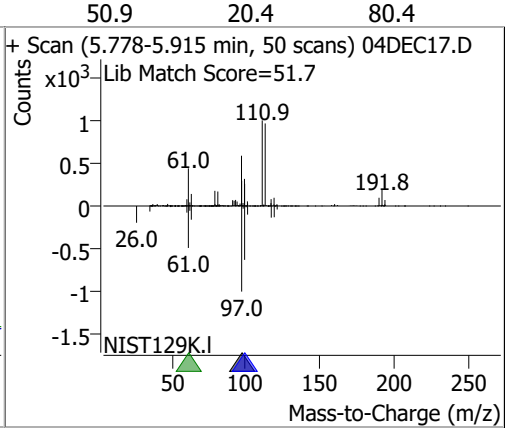




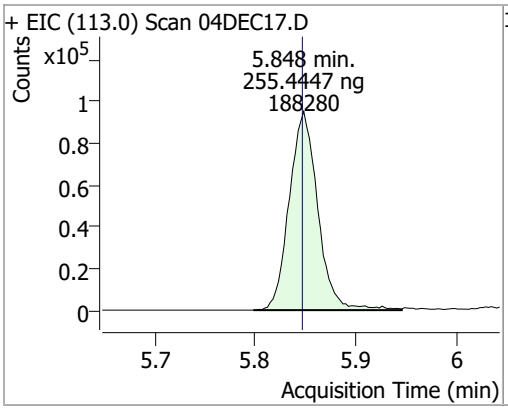
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	118.4111	5.83	0.00	170089	99.0	65.0	34.0	94.0
					61.0	50.9	20.4	80.4

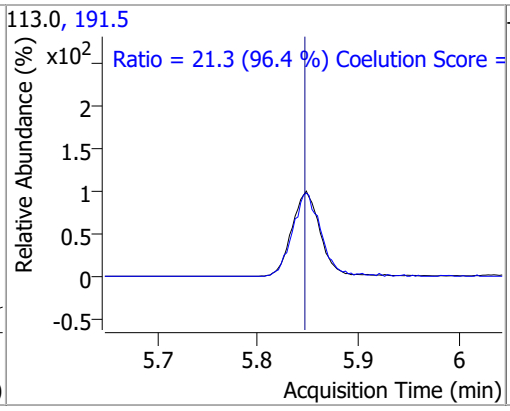


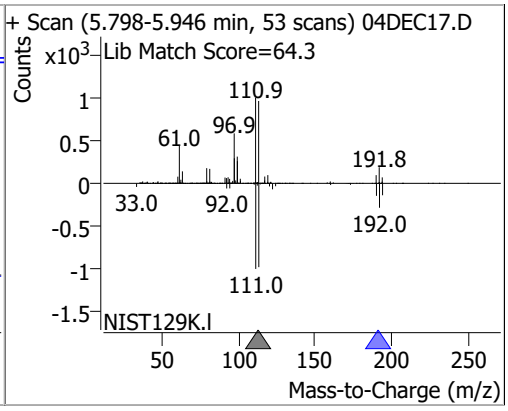




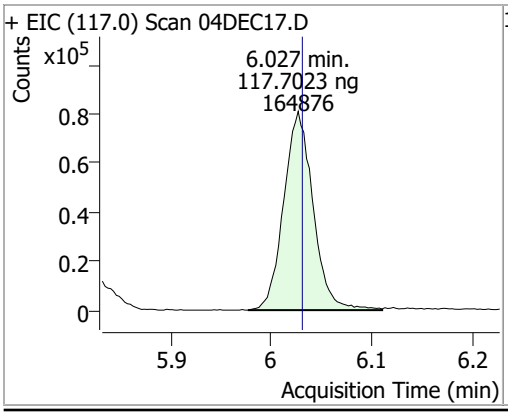
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	255.4447	5.85	0.00	188280	191.5	21.3	0.0	52.1

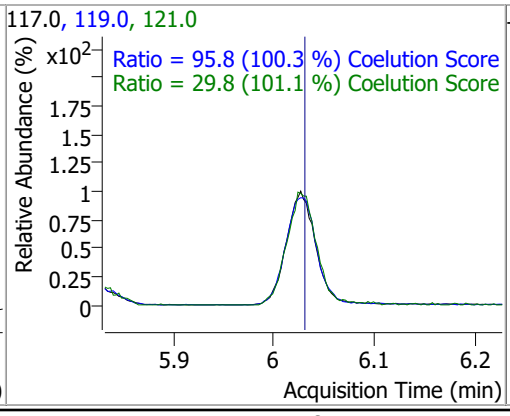


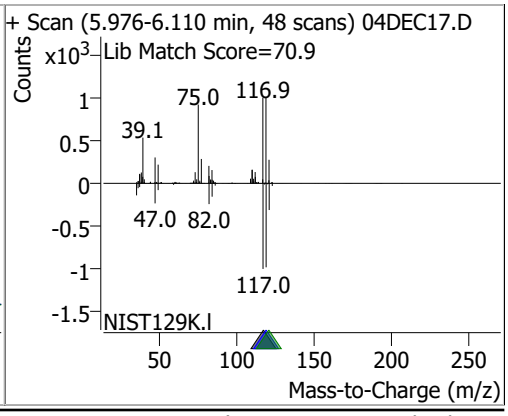




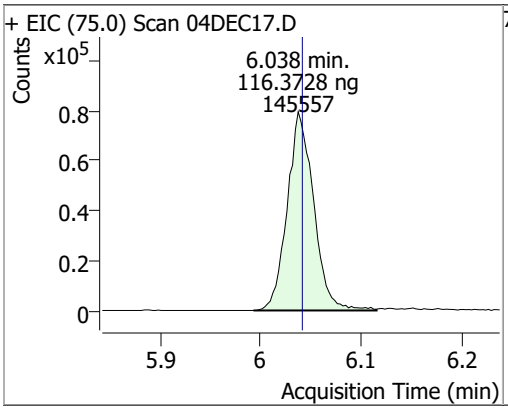
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	117.7023	6.03	0.00	164876	119.0	95.8	65.4	125.4
					121.0	29.8	0.0	59.5

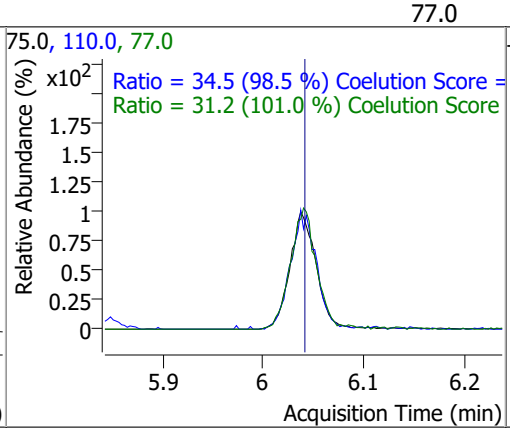


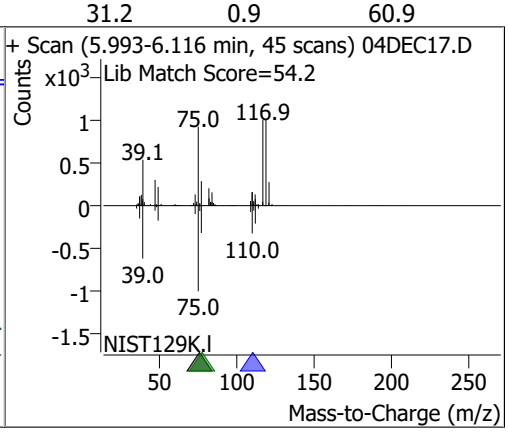




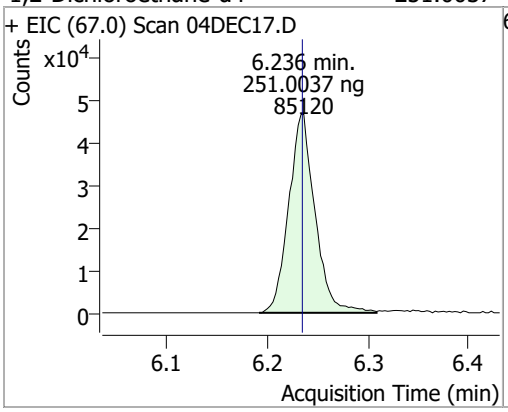
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	116.3728	6.04	0.00	145557	110.0	34.5	5.0	65.0
					77.0	31.2	0.9	60.9

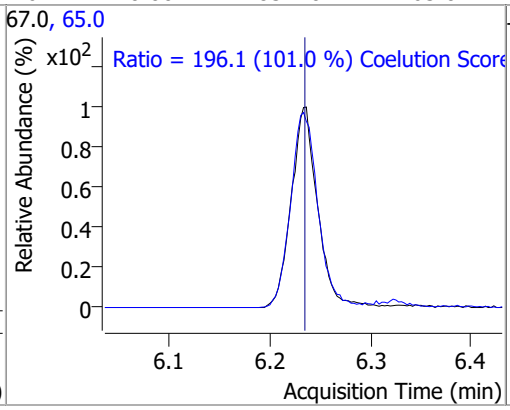


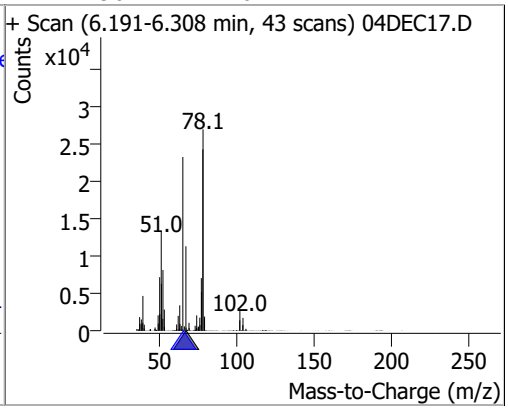




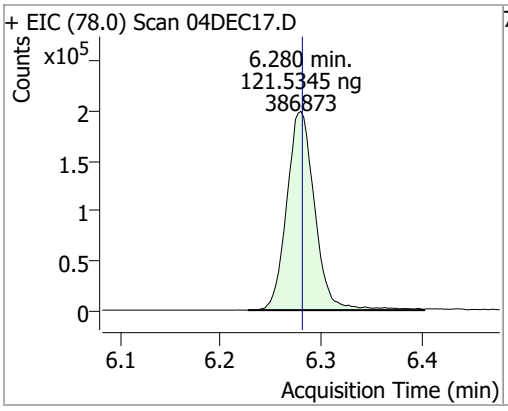
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	251.0037	6.24	0.00	85120	65.0	196.1	164.2	224.2

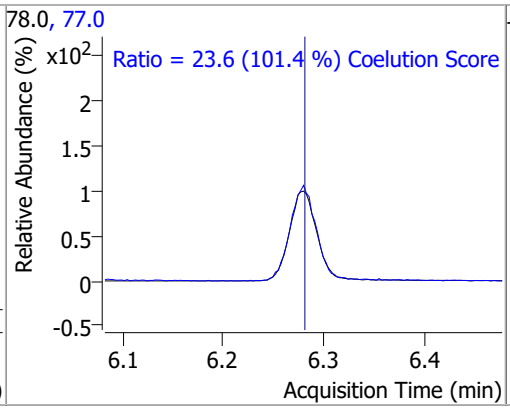


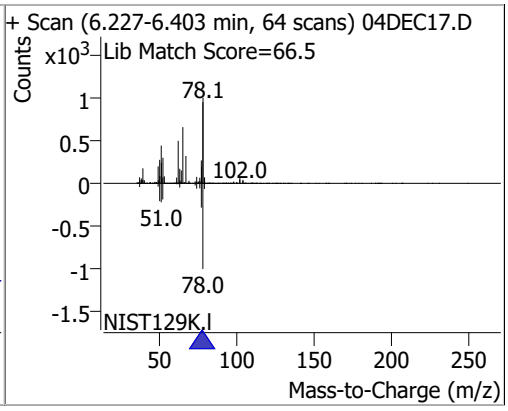




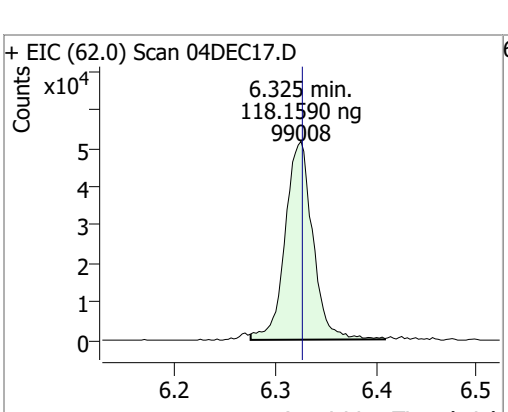
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	121.5345	6.28	0.00	386873	77.0	23.6	0.0	53.3

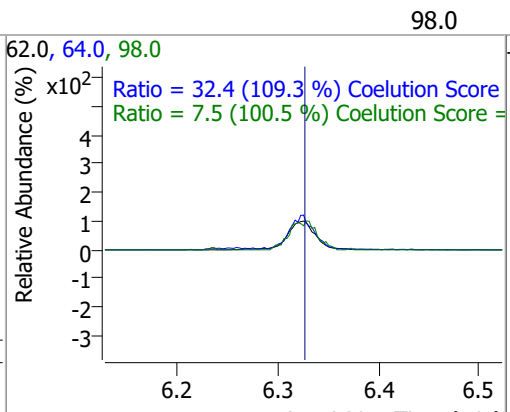


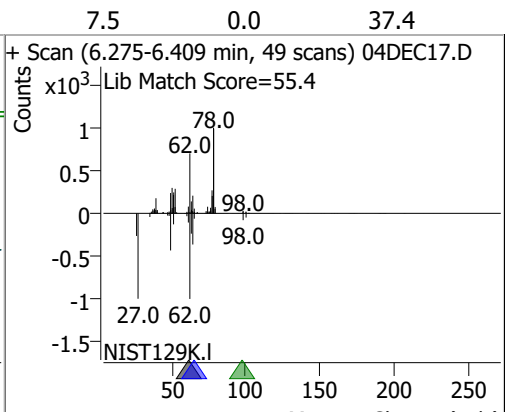




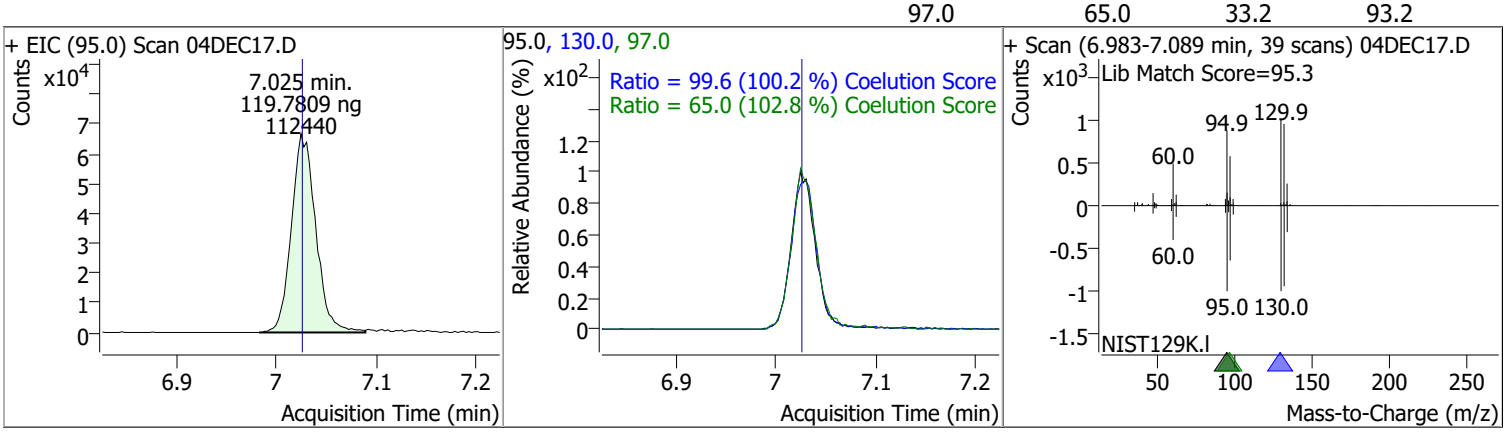
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	118.1590	6.32	0.00	99008	64.0	32.4	0.0	59.6
					98.0	7.5	0.0	37.4



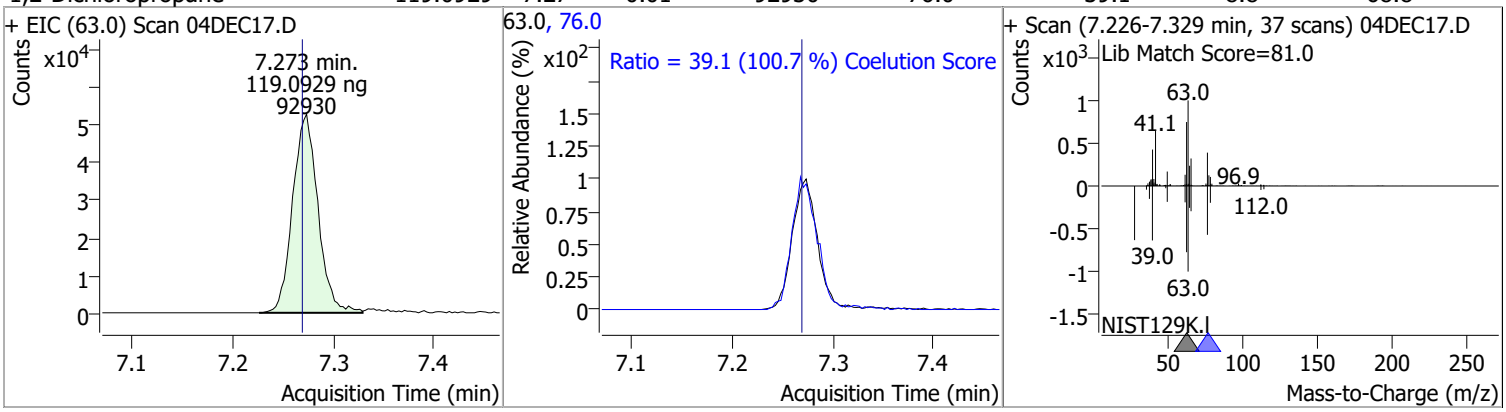




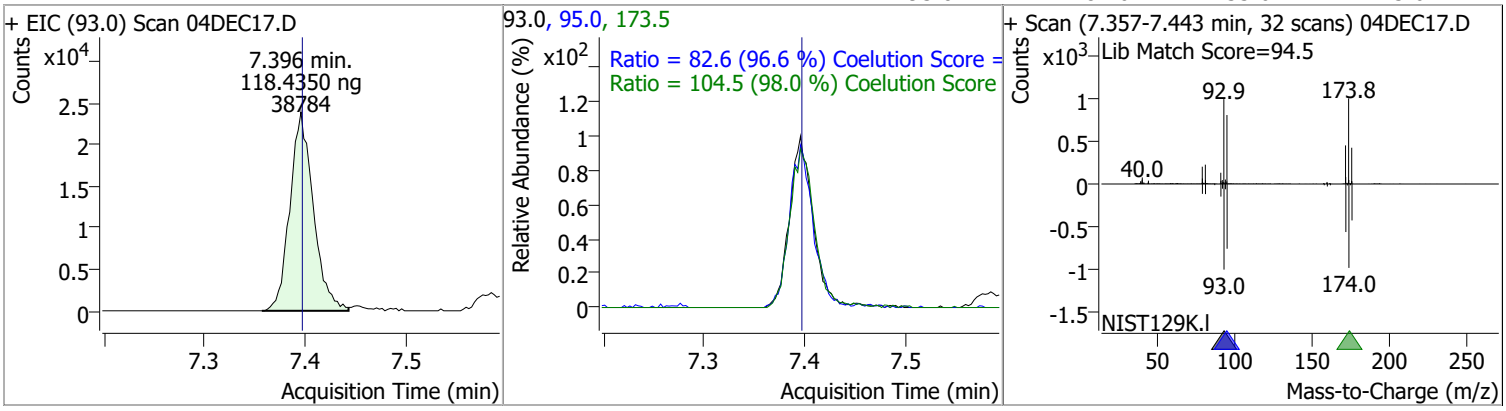
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	119.7809	7.02	0.00	112440	130.0	99.6	69.3	129.3
					97.0	65.0	33.2	93.2



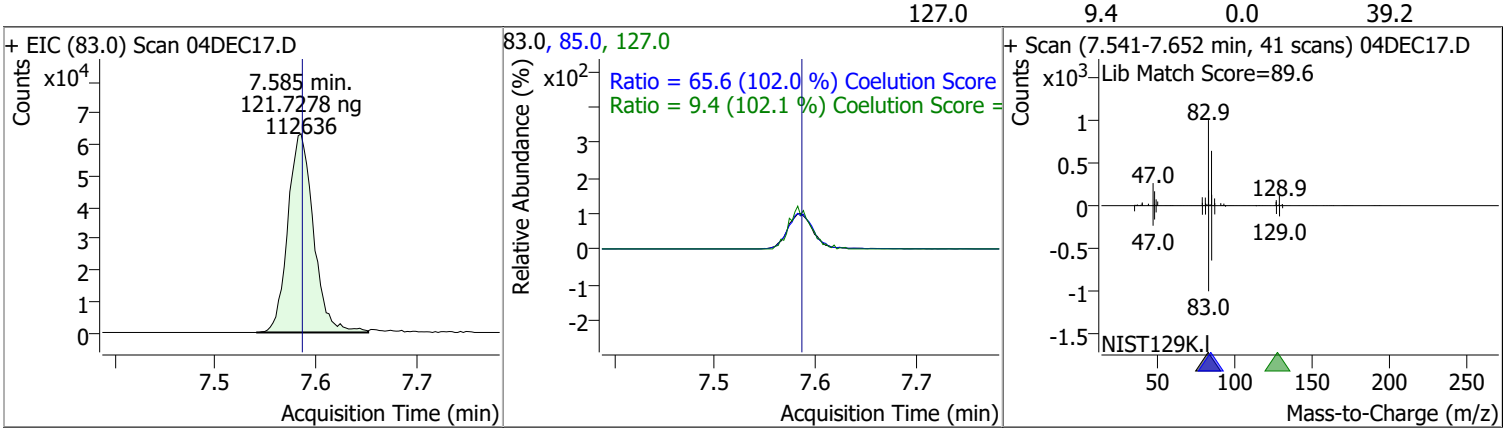
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	119.0929	7.27	0.01	92930	76.0	39.1	8.8	68.8



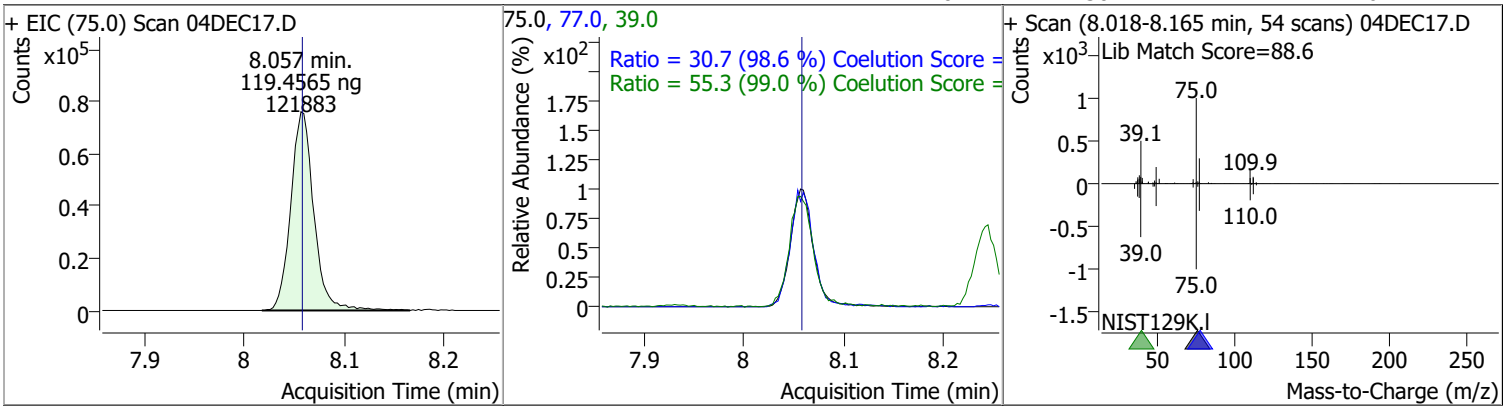
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	118.4350	7.40	0.00	38784	173.5	104.5	76.6	136.6
					95.0	82.6	55.6	115.6



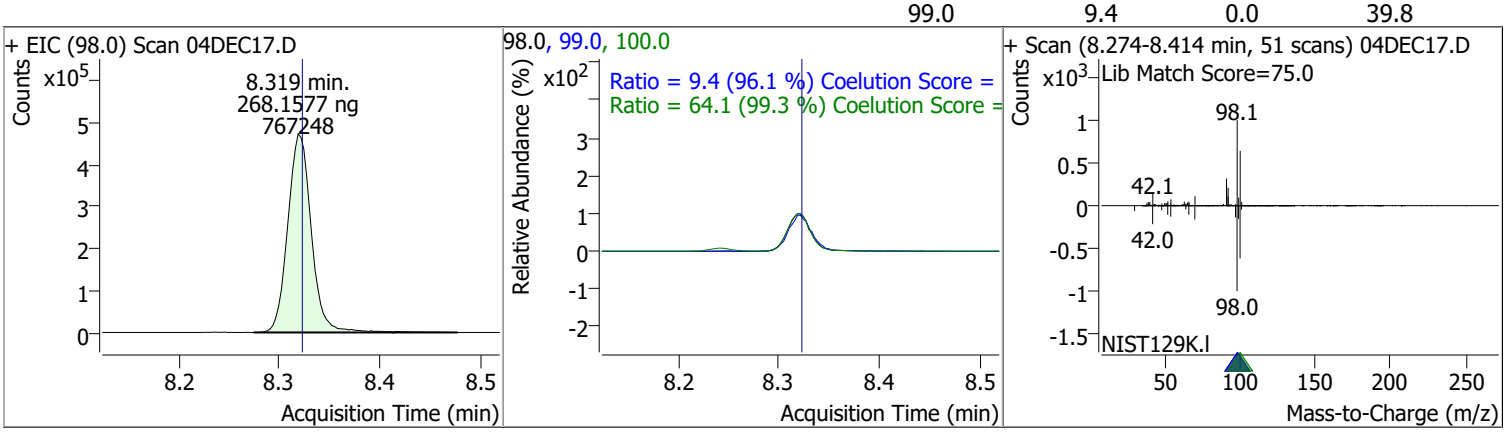
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	121.7278	7.59	0.00	112636	85.0	65.6	34.3	94.3
					127.0	9.4	0.0	39.2



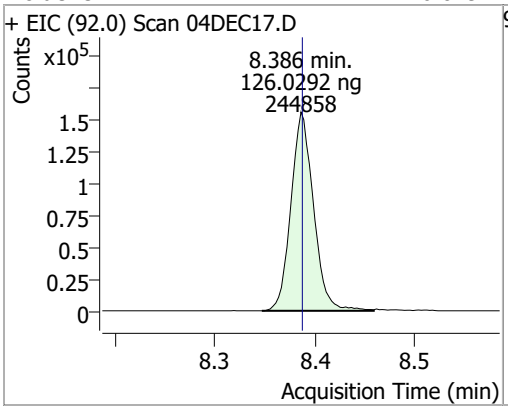
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	119.4565	8.06	0.00	121883	39.0	55.3	25.9	85.9
					77.0	30.7	1.2	61.2

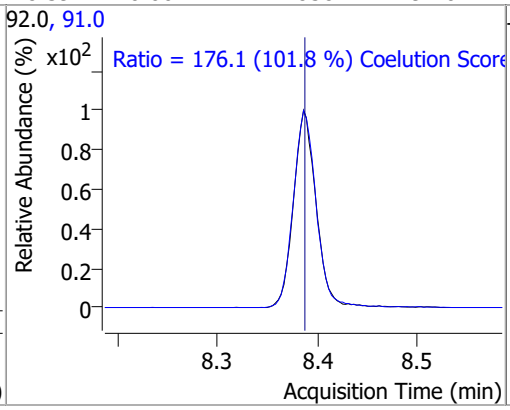


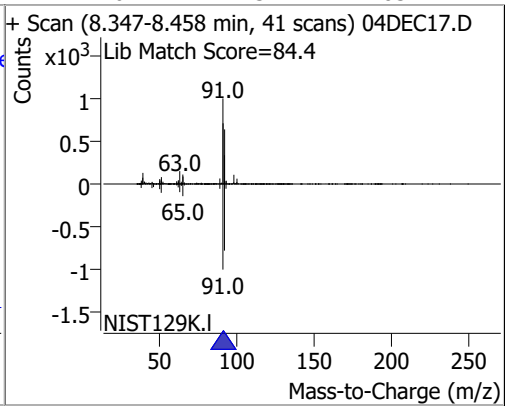
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	268.1577	8.32	0.00	767248	100.0	64.1	34.6	94.6
					99.0	9.4	0.0	39.8



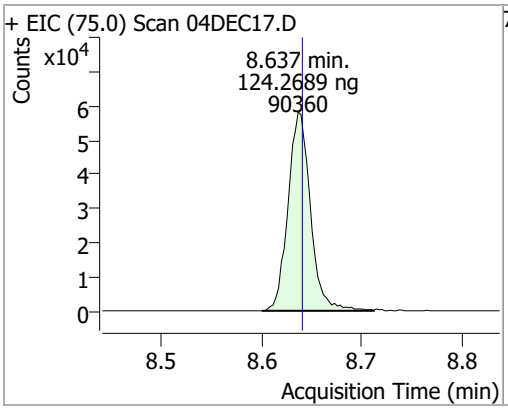
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	126.0292	8.39	0.00	244858	91.0	176.1	143.1	203.1

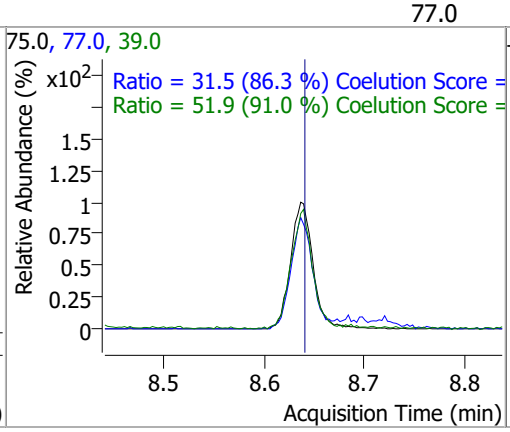


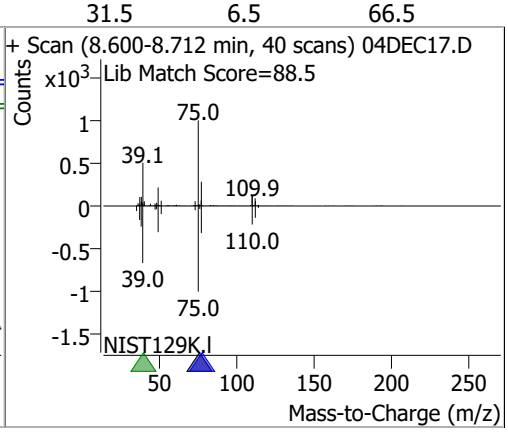




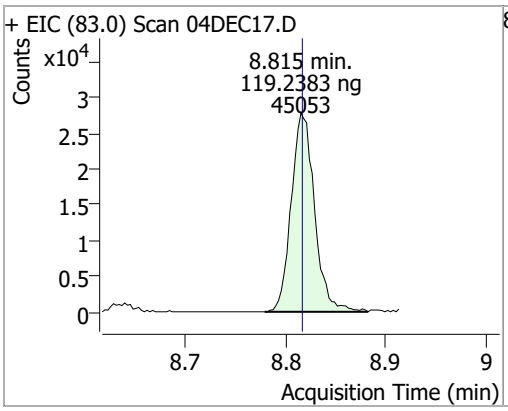
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	124.2689	8.64	0.00	90360	39.0	51.9	27.0	87.0
					77.0	31.5	6.5	66.5

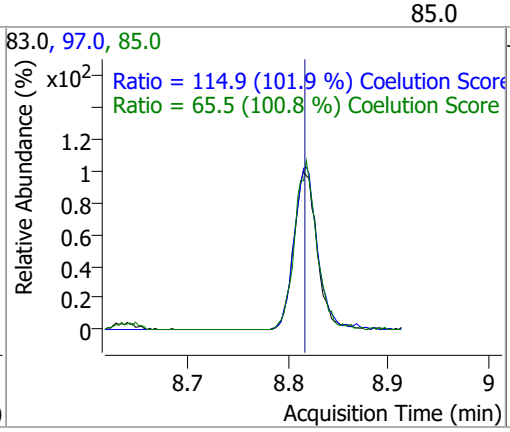


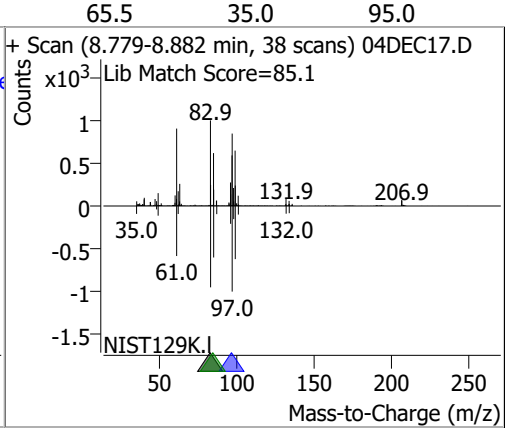




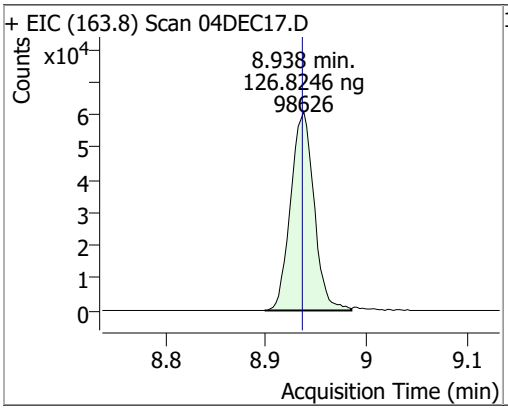
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	119.2383	8.82	0.00	45053	97.0	114.9	82.7	142.7
					85.0	65.5	35.0	95.0

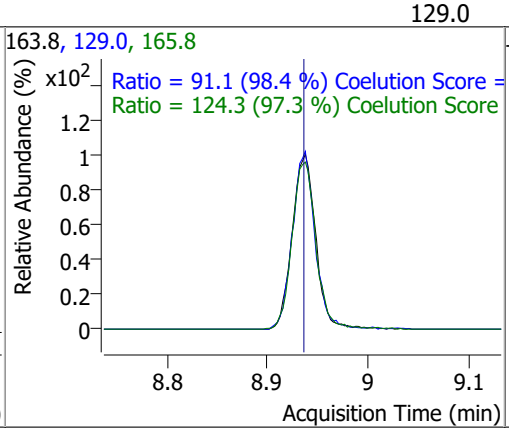


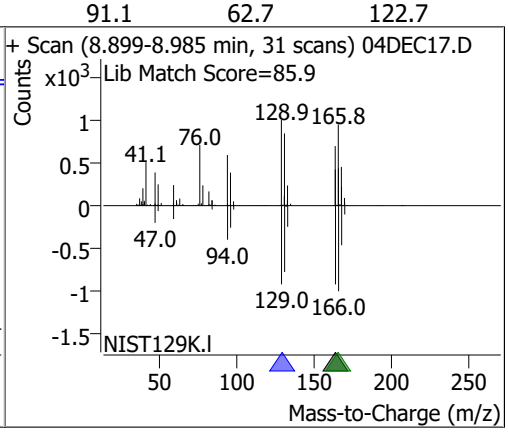




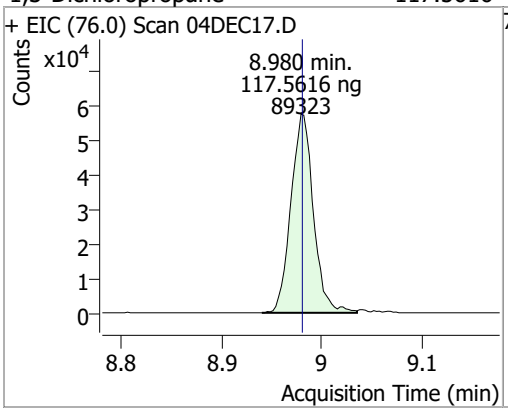
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	126.8246	8.94	0.00	98626	165.8	124.3	97.7	157.7
					129.0	91.1	62.7	122.7

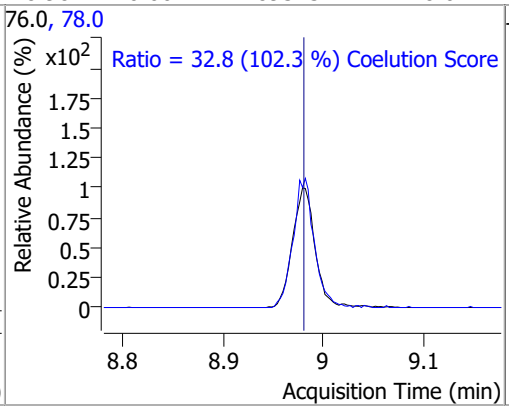


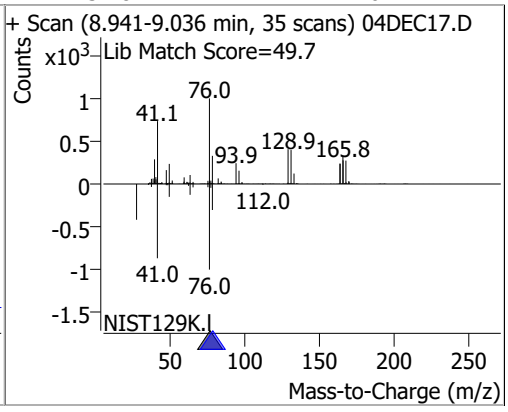




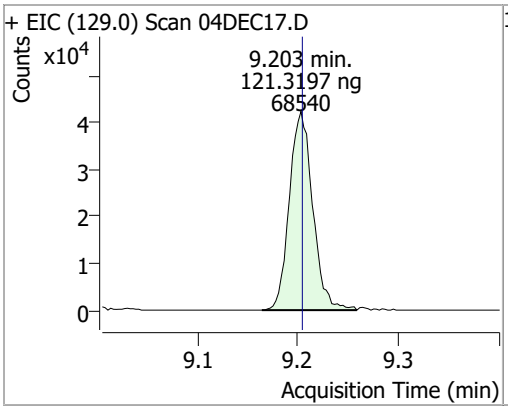
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	117.5616	8.98	0.00	89323	78.0	32.8	2.1	62.1

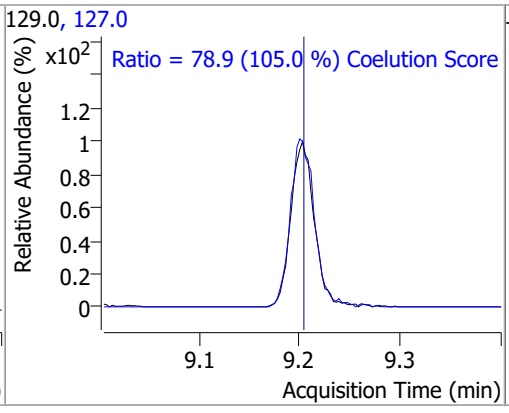


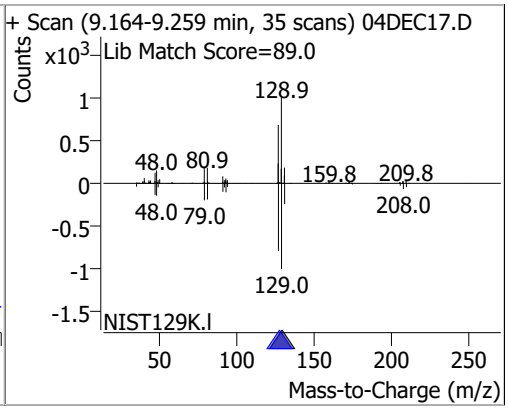




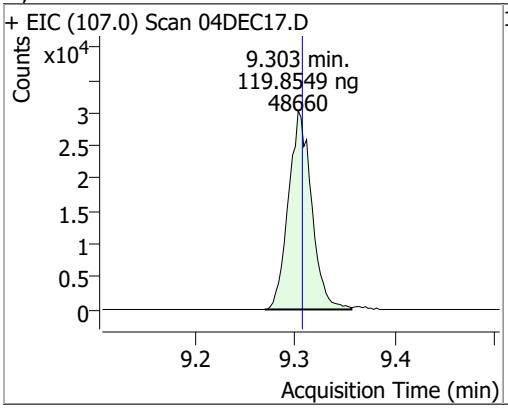
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	121.3197	9.20	0.00	68540	127.0	78.9	45.1	105.1

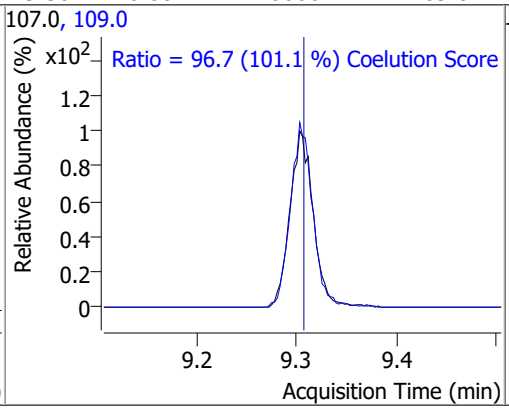


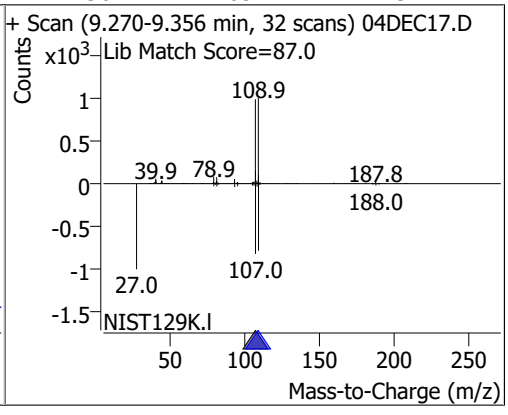




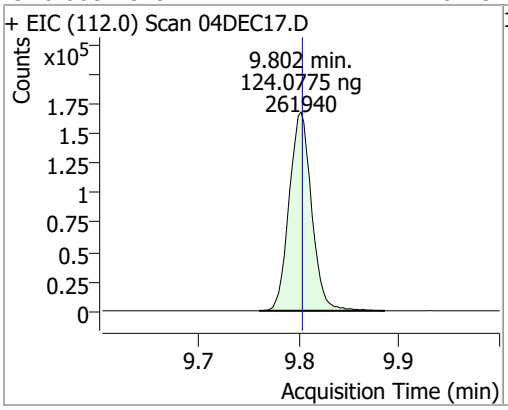
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	119.8549	9.30	0.00	48660	109.0	96.7	65.7	125.7

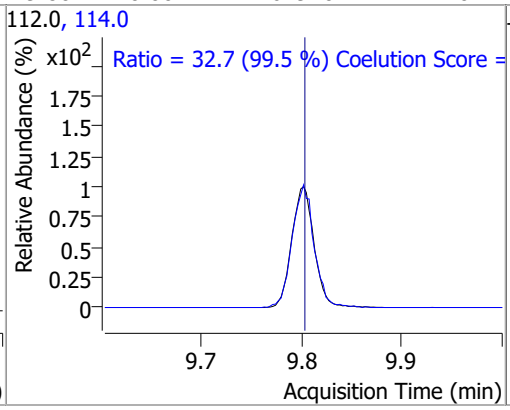


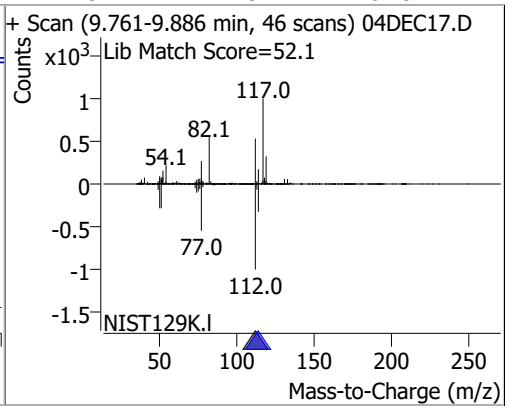




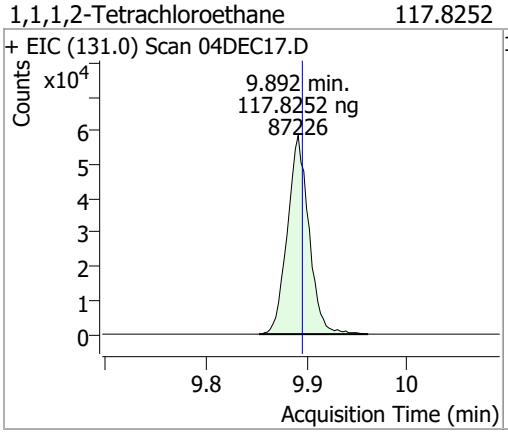
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	124.0775	9.80	0.00	261940	114.0	32.7	2.9	62.9

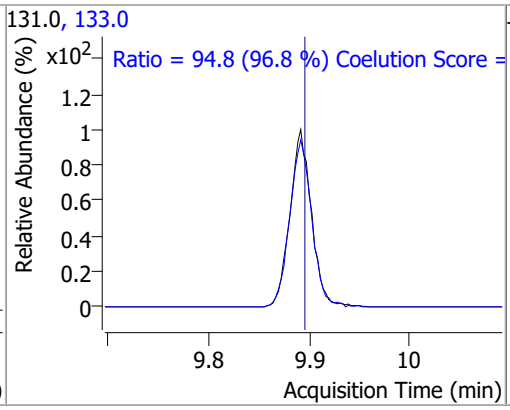


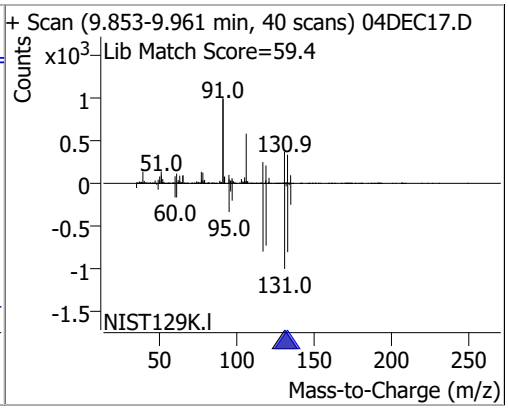




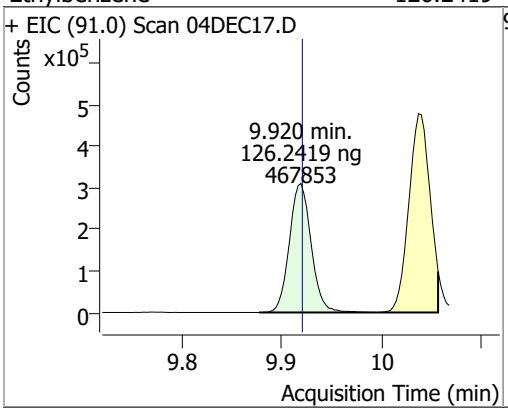
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	117.8252	9.89	0.00	87226	133.0	94.8	68.0	128.0

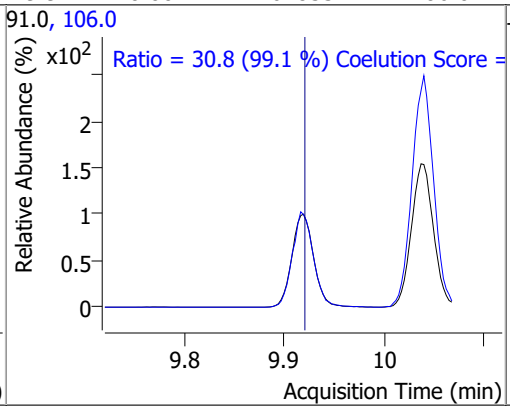


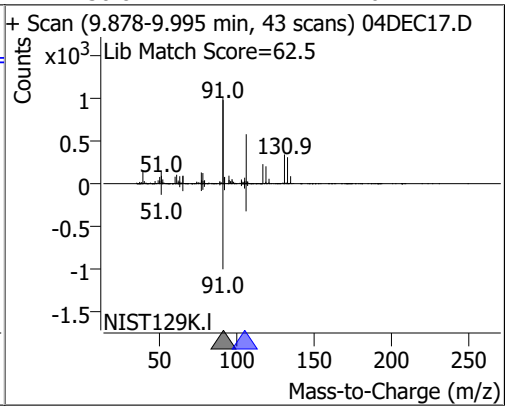




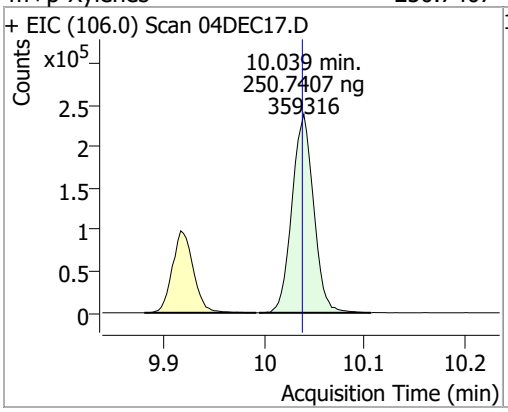
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	126.2419	9.92	0.00	467853	106.0	30.8	1.1	61.1

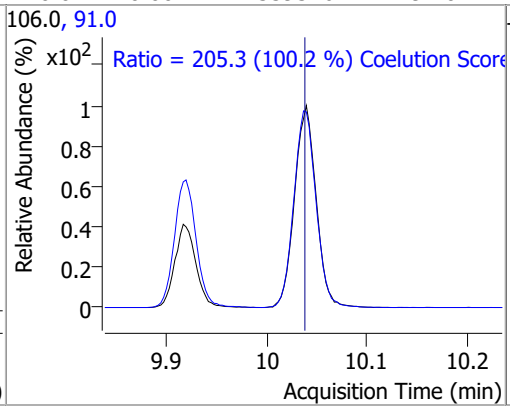


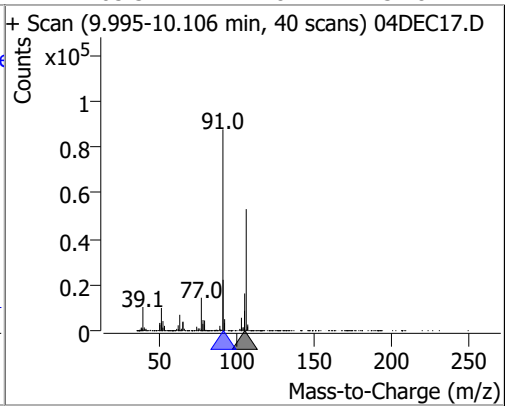




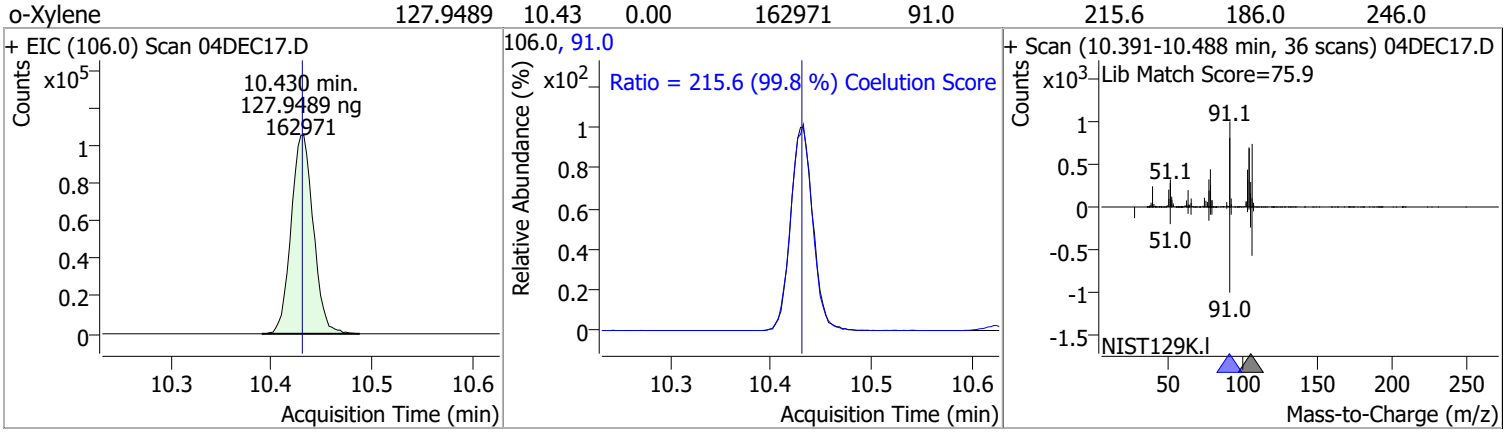
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	250.7407	10.04	0.00	359316	91.0	205.3	174.8	234.8



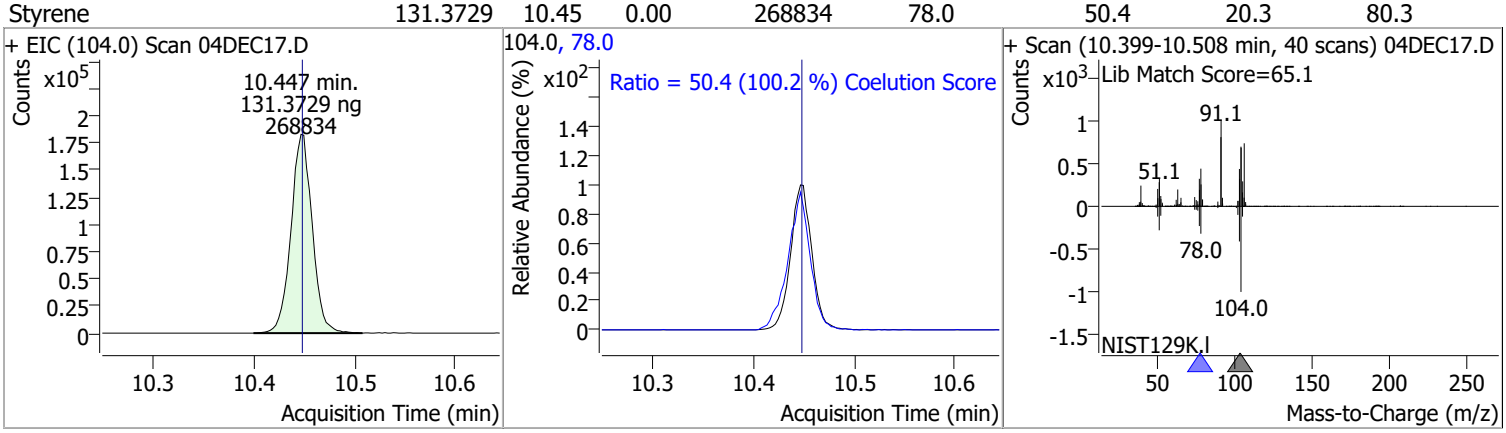




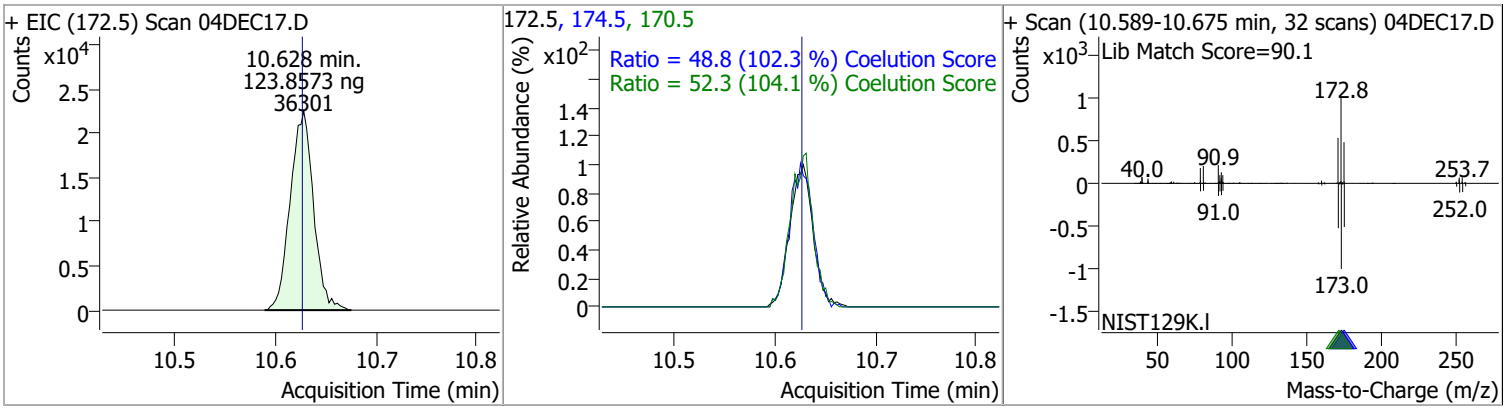
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	127.9489	10.43	0.00	162971	91.0	215.6	186.0	246.0



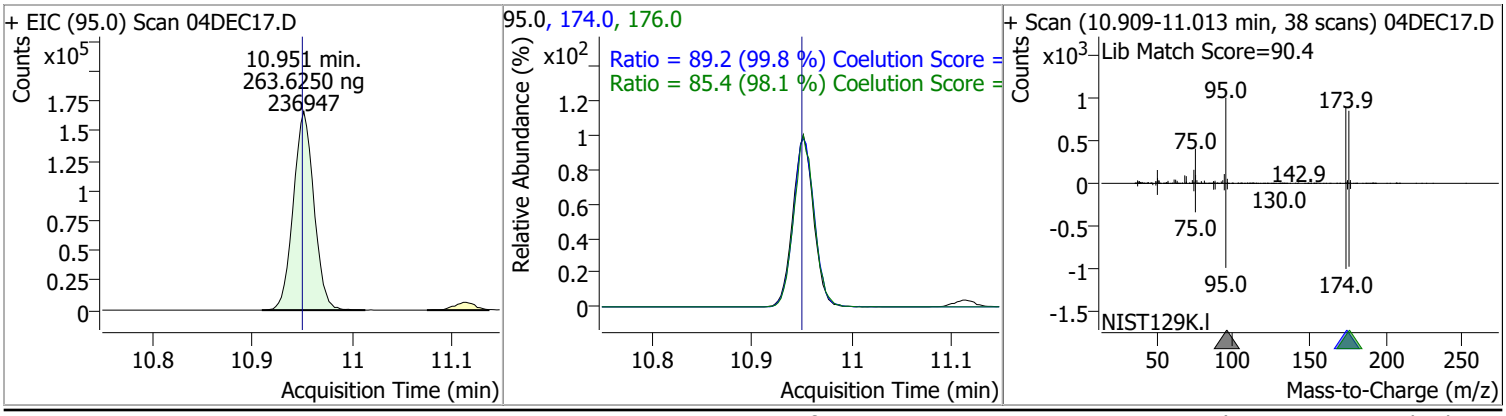
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	131.3729	10.45	0.00	268834	78.0	50.4	20.3	80.3



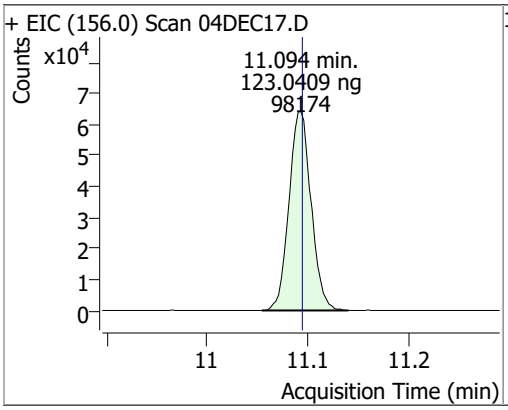
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	123.8573	10.63	0.00	36301	170.5	52.3	20.2	80.2
					174.5	48.8	17.7	77.7

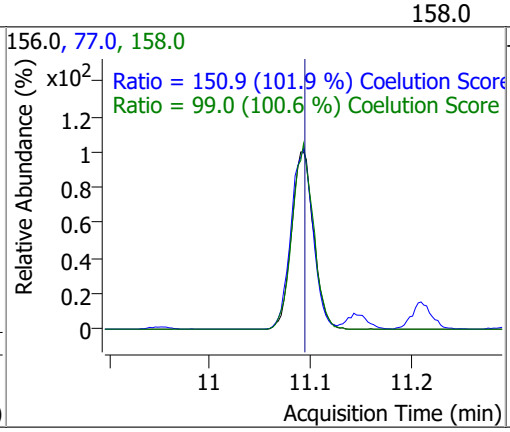


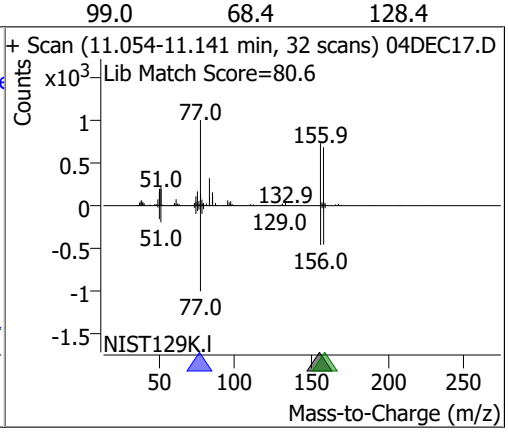
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.6250	10.95	0.00	236947	174.0	89.2	59.4	119.4
					176.0	85.4	57.1	117.1



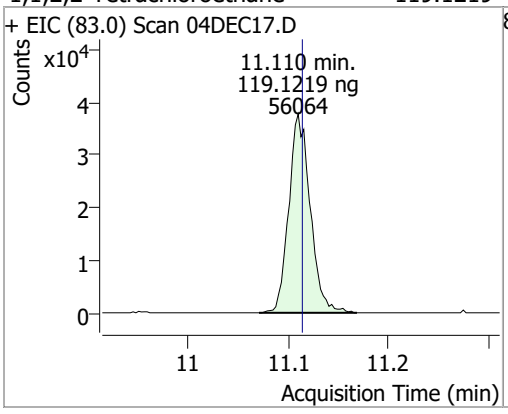
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	123.0409	11.09	0.00	98174	77.0	150.9	118.1	178.1
					158.0	99.0	68.4	128.4

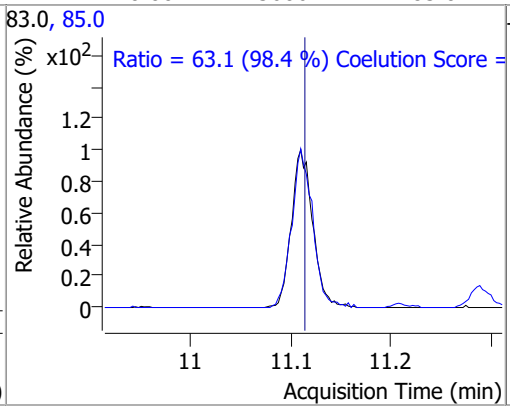


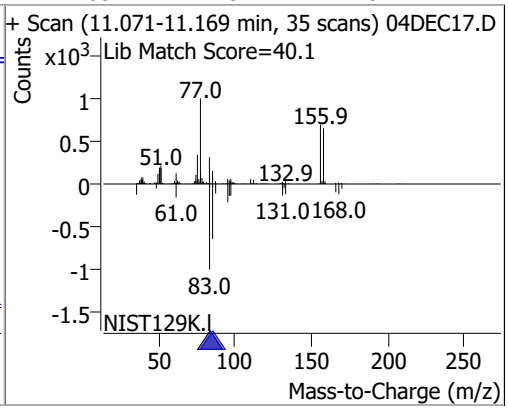




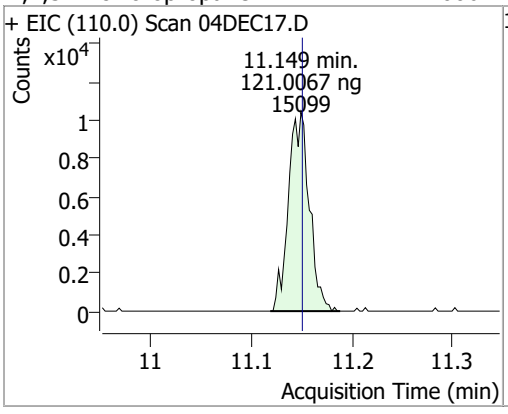
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	119.1219	11.11	0.00	56064	85.0	63.1	34.1	94.1

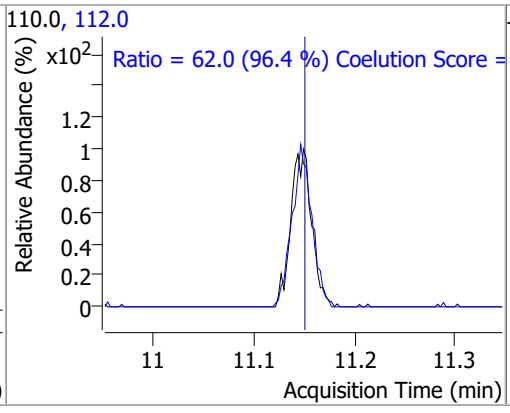


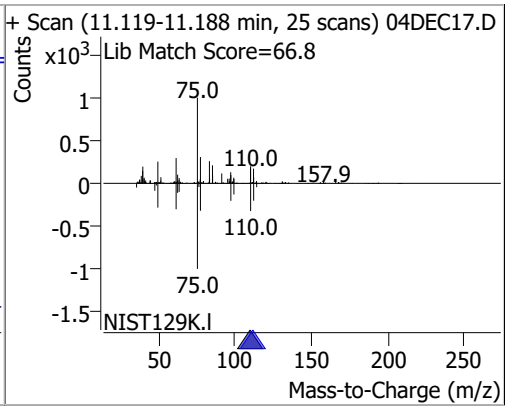




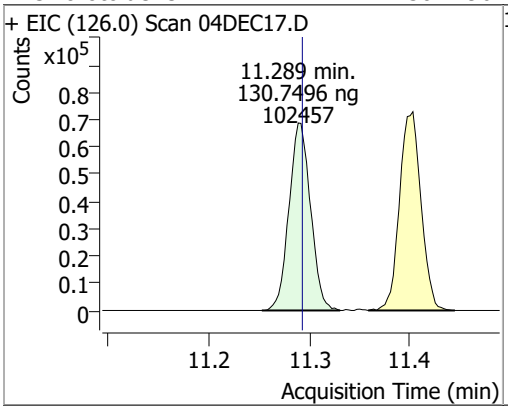
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	121.0067	11.15	0.00	15099	112.0	62.0	34.3	94.3

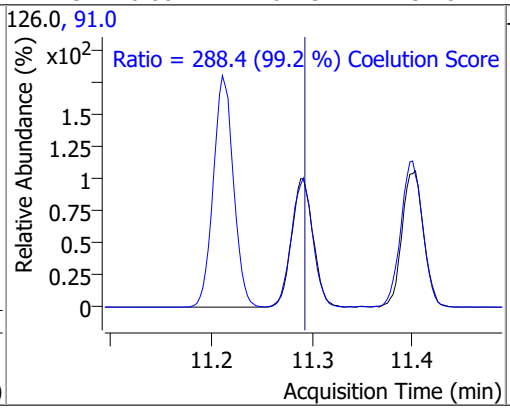


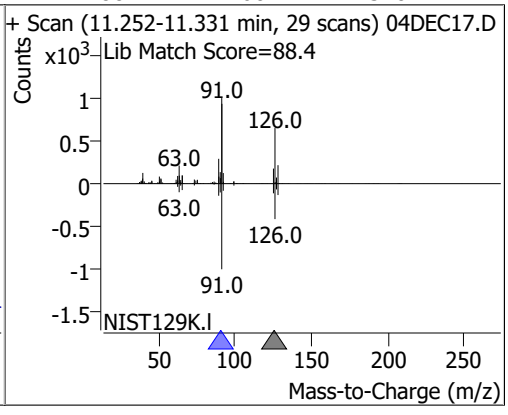




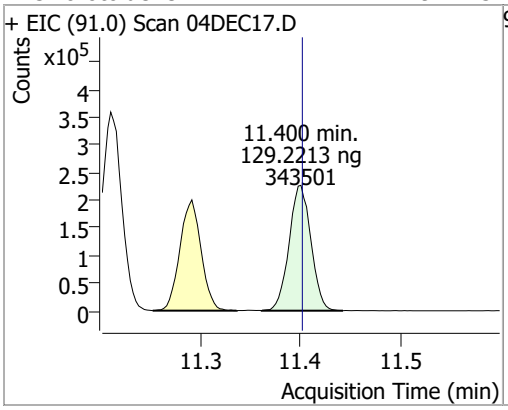
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	130.7496	11.29	0.00	102457	91.0	288.4	260.7	320.7

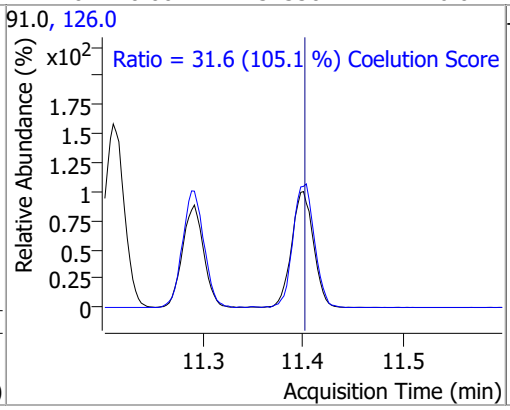


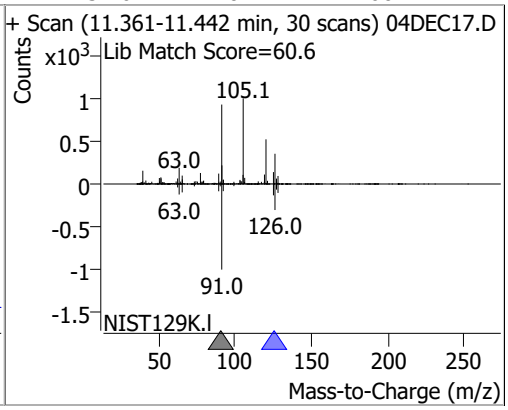




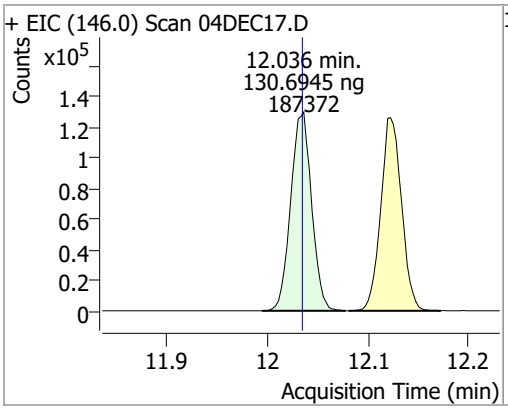
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	129.2213	11.40	0.00	343501	126.0	31.6	0.1	60.1

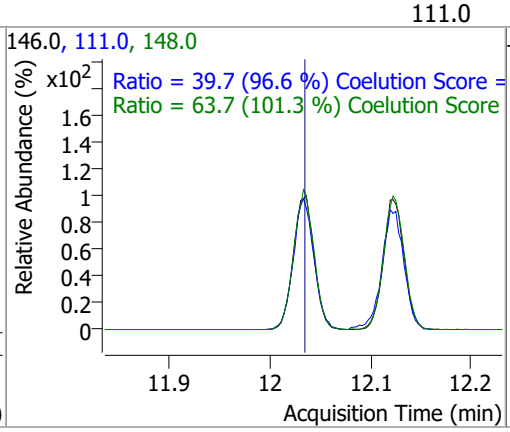


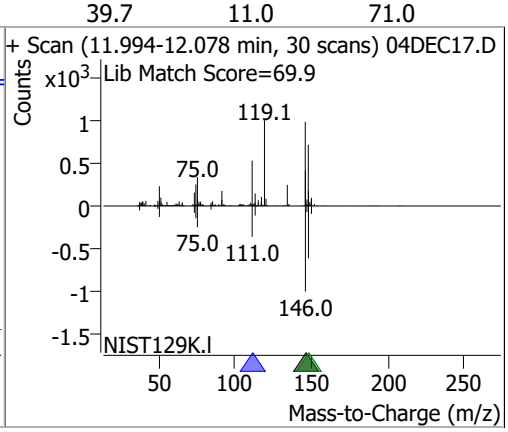




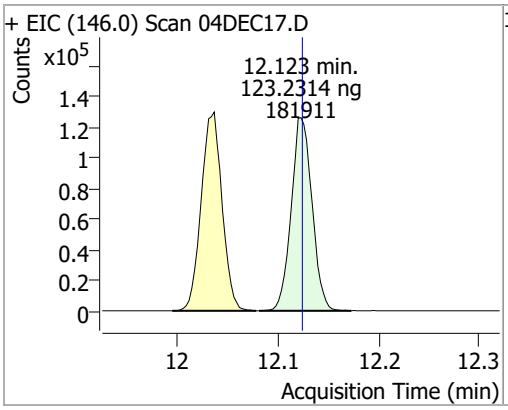
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	130.6945	12.04	0.00	187372	148.0	63.7	32.9	92.9
					111.0	39.7	11.0	71.0

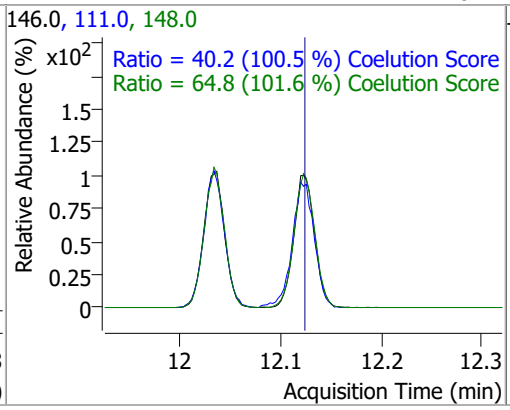


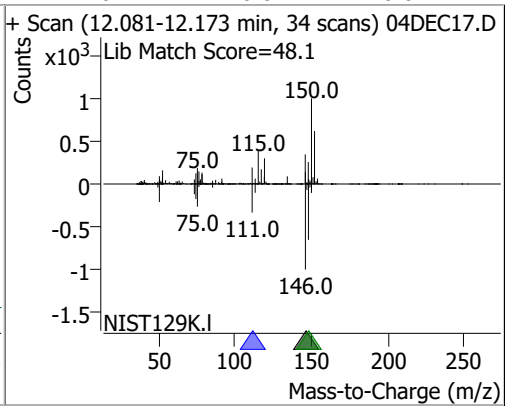




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	123.2314	12.12	0.00	181911	148.0	64.8	33.8	93.8
					111.0	40.2	10.0	70.0

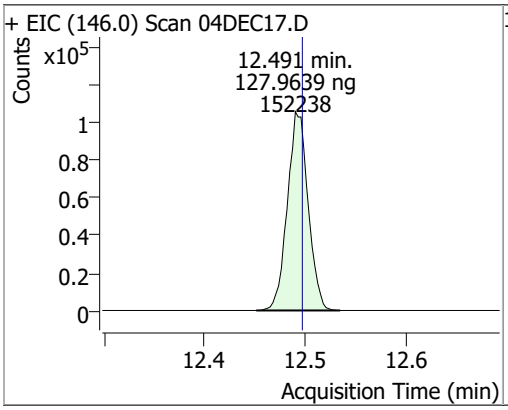


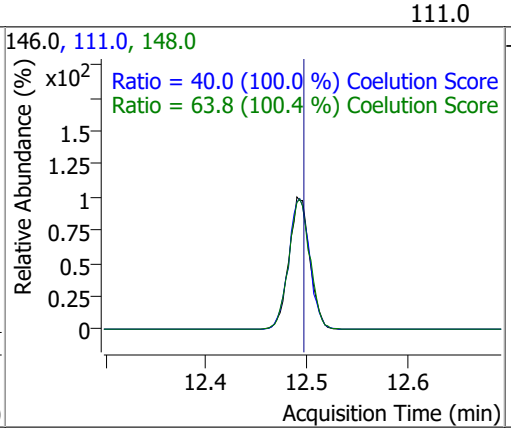


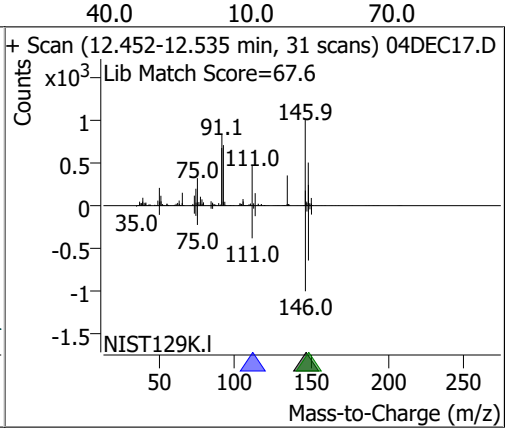


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	127.9639	12.49	-0.01	152238	148.0	63.8	33.5	93.5
					111.0	40.0	10.0	70.0







Audit Trail report

Batch name and path: D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	12/4/2021 2:11:58 PM	Create new batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/4/2021 2:12:22 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC03.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC02.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC01.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 2:14:00 PM	Set SampleType = TuneCheck for sample 04DEC02.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 2:14:03 PM	Set SampleType = Blank for sample 04DEC03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 2:14:06 PM	Set SampleType = Calibration for sample 04DEC04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 2:14:09 PM	Set SampleType = Calibration for sample 04DEC05.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 2:14:14 PM	Set LevelName = 1 for sample 04DEC04.D; previous value =			✓	
CmdStartMethodEditing	BL2000\mchavez	12/4/2021 2:14:29 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	12/4/2021 2:14:30 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL\VOA5975C_120421_8260B_SHT_CAL_LevelIV.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	12/4/2021 2:14:36 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/4/2021 2:14:37 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/4/2021 2:14:37 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/4/2021 2:14:42 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 2:14:46 PM	Set LevelName = 2 for sample 04DEC05.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	12/4/2021 2:14:56 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/4/2021 2:26:05 PM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\mchavez	12/4/2021 3:21:04 PM	Open batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/4/2021 3:21:27 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120421_L4\04DEC08.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 3:21:32 PM	Set SampleType = Calibration for sample 04DEC06.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 3:21:36 PM	Set SampleType = Calibration for sample 04DEC07.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 3:21:44 PM	Set LevelName = 3 for sample 04DEC06.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	12/4/2021 3:21:52 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 3:22:00 PM	Set LevelName = 4 for sample 04DEC07.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	12/4/2021 3:22:07 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:22:32 PM	Manually integrate qualifier87.0 of compound Dichlorodifluoromethane in sample 04DEC04.D from x, y = 1.213, 0 to 1.286, 0; result = 939			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/4/2021 3:23:03 PM	Manually integrate compound Bromomethane in sample 04DEC04.D from x, y = 1.765, 0 to 1.838, 0; result = 1106			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:23:07 PM	Manually integrate qualifier94.0 of compound Bromomethane in sample 04DEC04.D from x, y = 1.754, 0 to 1.855, 0; result = 1371			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:25:14 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 04DEC04.D from x, y = 1.378, 0 to 1.478, 0; result = 1014			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:25:36 PM	Manually integrate qualifier63.0 of compound 1,1-Dichloroethene in sample 04DEC04.D from x, y = 2.669, 0 to 2.755, 0; result = 1331			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:25:44 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 04DEC04.D from x, y = 3.282, 0 to 3.414, 0; result = 2846			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:25:48 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 04DEC04.D from x, y = 3.285, 0 to 3.419, 0; result = 1729			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	12/4/2021 3:25:58 PM	Manually integrate compound trans-1,2-Dichloroethene in sample 04DEC04.D from x, y = 3.678, 0 to 3.776, 0; result = 2070			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:26:01 PM	Manually integrate qualifier 61.0 of compound trans-1,2-Dichloroethene in sample 04DEC04.D, from x, y = 3.656, 0 to 3.765, 0, result = 3237; previous integration is from x, y = 3.704, 0 to 3.765, 0 and previous response = 2841.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:26:05 PM	Manually integrate qualifier98.0 of compound trans-1,2-Dichloroethene in sample 04DEC04.D from x, y = 3.676, 0 to 3.798, 0; result = 1207			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:26:14 PM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC04.D from x, y = 3.715, 0 to 3.807, 0; result = 430			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/4/2021 3:26:24 PM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC05.D from x, y = 3.690, 0 to 3.840, 0; result = 2829			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/4/2021 3:42:01 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 3:42:06 PM	Set SampleType = Calibration for sample 04DEC09.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/4/2021 3:42:11 PM	Set LevelName = 5 for sample 04DEC09.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	12/4/2021 3:42:17 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/4/2021 3:42:26 PM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/5/2021 10:09:36 AM	Open batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	12/5/2021 10:11:16 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120421_L4\04DEC21.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC20.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC19.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC18.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC17.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC16.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC14.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC12.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D, D:\Org\Data\VOA5975C\VG120421_L4\04DEC10.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:12:23 AM	Set SampleType = Calibration for sample 04DEC11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:12:28 AM	Set LevelName = 6 for sample 04DEC11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:12:35 AM	Set SampleType = Calibration for sample 04DEC13.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:12:38 AM	Set LevelName = 7 for sample 04DEC13.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:12:45 AM	Set SampleType = Calibration for sample 04DEC15.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:12:49 AM	Set LevelName = 8 for sample 04DEC15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:12:55 AM	Set SampleType = QC for sample 04DEC17.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:13:00 AM	Set LevelName = qc for sample 04DEC17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:13:10 AM	Set LevelName = QC for sample 04DEC17.D; previous value = qc			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:13:12 AM	Set SampleInformation = LCSA for sample 04DEC17.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 10:13:28 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	12/5/2021 10:34:41 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	12/5/2021 10:34:41 AM	Import method from sample 04DEC09.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\mchavez	12/5/2021 10:34:49 AM	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; BM_Fluorobenzene; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; Dichlorodifluoromethane;			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\mchavez	12/5/2021 10:34:54 AM	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 BM_Fluorobenzene; 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	12/5/2021 10:35:02 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/5/2021 10:35:02 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/5/2021 10:35:02 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 10:35:15 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:35:23 AM	Set SampleApproved = True for sample 04DEC09.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:35:38 AM	Set UserAnnotation = NI for compound Bromomethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:35:44 AM	Manually integrate compound Chloroethane in sample 04DEC04.D from x, y = 1.866, 0 to 1.947, 5; result = 2069			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:35:48 AM	Manually integrate qualifier66.0 of compound Chloroethane in sample 04DEC04.D from x, y = 1.871, 0 to 1.913, 0; result = 402			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:36:22 AM	Set UserAnnotation = NI for compound trans-1,2-Dichloroethene in sample 04DEC04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:36:28 AM	Manually integrate compound 1,1-Dichloroethane in sample 04DEC04.D, from x, y = 4.320, 0 to 4.420, 0, result = 2678; previous integration is from x, y = 4.370, 0 to 4.420, 0 and previous response = 2678.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 1,1-Dichloroethane in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 1,1-Dichloroethane in sample ICAL120421_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
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:36:34 AM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 04DEC04.D from x, y = 4.348, 0 to 4.451, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL120421_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	12/5/2021 10:36:38 AM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 04DEC04.D from x, y = 4.364, 0 to 4.426, 0; result = 308			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:36:42 AM	Manually integrate compound 1,1-Dichloroethane in sample 04DEC04.D, from x, y = 4.317, 0 to 4.462, 0, result = 2678; previous integration is from x, y = 4.370, 0 to 4.420, 0 and previous response = 2678.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 1,1-Dichloroethane in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound 1,1-Dichloroethane in sample ICAL120421_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	12/5/2021 10:36:47 AM	Manually integrate compound 1,1-Dichloroethane in sample 04DEC04.D, from x, y = 4.331, 0 to 4.515, 0, result = 3634; previous integration is from x, y = 4.370, 0 to 4.420, 0 and previous response = 2678.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:36:50 AM	Set UserAnnotation = LT for compound 1,1-Dichloroethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:36:53 AM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 04DEC04.D from x, y = 4.337, 0 to 4.443, 0; result = 1292			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:36:57 AM	Manually integrate compound 1,1-Dichloroethane in sample 04DEC04.D, from x, y = 4.331, 0 to 4.459, 0, result = 3633; previous integration is from x, y = 4.331, 0 to 4.515, 0 and previous response = 3634.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:37:07 AM	Manually integrate compound 2,2-Dichloropropane in sample 04DEC04.D from x, y = 5.117, 0 to 5.260, -83; result = 3318			✓	
CmdManuallyIntegrateSnapBaseline	BL2000\mchavez	12/5/2021 10:37:10 AM	Snap baseline for compound 2,2-Dichloropropane in sample 04DEC04.D, from x = 5.117 to x = 5.260, new integration is from x, y = 5.117, 0 to 5.260, 0 and new response = 2963; previous integration is from x, y = 5.117, 0 to 5.260, -83 and previous response = 3318.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:37:14 AM	Set UserAnnotation = NI for compound 2,2-Dichloropropane in sample 04DEC04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:37:16 AM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 04DEC04.D from x, y = 5.154, 0 to 5.251, 0; result = 419			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:37:18 AM	Manually integrate qualifier41.0 of compound 2,2-Dichloropropane in sample 04DEC04.D from x, y = 5.137, 0 to 5.260, 0; result = 2571			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:37:23 AM	Manually integrate qualifier 61.0 of compound cis-1,2-Dichloroethene in sample 04DEC04.D, from x, y = 5.162, 0 to 5.282, 0, result = 3267; previous integration is from x, y = 5.198, 73 to 5.237, 201 and previous response = 2048.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:37:26 AM	Manually integrate qualifier98.0 of compound cis-1,2-Dichloroethene in sample 04DEC04.D from x, y = 5.170, 0 to 5.257, 0; result = 1327			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	12/5/2021 10:37:31 AM	Set UserAnnotation = NI for compound Chloroethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	12/5/2021 10:37:44 AM	Manually integrate compound Methyl ethyl ketone in sample 04DEC04.D, from x, y = 5.265, 0 to 5.352, -22, result = 2816; previous integration is from x, y = 5.265, 0 to 5.318, 0 and previous response = 2086.			✓	
CmdSetTargetCompoun dAttribute	BL2000\mchavez	12/5/2021 10:37:46 AM	Set UserAnnotation = LT for compound Methyl ethyl ketone in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateS napBaseline	BL2000\mchavez	12/5/2021 10:37:50 AM	Snap baseline for compound Methyl ethyl ketone in sample 04DEC04.D, from x = 5.265 to x = 5.352, new integration is from x, y = 5.265, 0 to 5.352, 151 and new response = 2367; previous integration is from x, y = 5.265, 0 to 5.352, -22 and previous response = 2816.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	12/5/2021 10:37:54 AM	Drop baseline for compound Methyl ethyl ketone in sample 04DEC04.D to y = 0, new integration is from x, y = 5.265, 0 to 5.352, 0 and new response = 2758; previous integration is from x, y = 5.265, 0 to 5.352, 151 and previous response = 2367.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:37:59 AM	Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 04DEC04.D from x, y = 5.254, 0 to 5.341, 0; result = 216			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	12/5/2021 10:38:11 AM	Manually integrate compound Bromochloromethane in sample 04DEC04.D from x, y = 5.469, 0 to 5.558, 0; result = 707			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:38:12 AM	Set UserAnnotation = NI for compound Bromochloromethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:38:14 AM	Manually integrate qualifier49.0 of compound Bromochloromethane in sample 04DEC04.D from x, y = 5.474, 0 to 5.575, 0; result = 1379			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:38:21 AM	Manually integrate compound Dibromofluoromethane in sample 04DEC04.D from x, y = 5.795, 0 to 5.879, 0; result = 2095			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:38:23 AM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 04DEC04.D from x, y = 5.817, 0 to 5.879, 0; result = 253			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:38:29 AM	Manually integrate qualifier61.0 of compound 1,1,1-Trichloroethane in sample 04DEC04.D from x, y = 5.784, 0 to 5.918, 0; result = 2060			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:38:36 AM	Manually integrate compound Carbon tetrachloride in sample 04DEC04.D from x, y = 5.979, 0 to 6.093, 0; result = 2900			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:38:39 AM	Manually integrate qualifier121.0 of compound Carbon tetrachloride in sample 04DEC04.D from x, y = 5.996, 0 to 6.071, 0; result = 754			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:38:47 AM	Manually integrate qualifier110.0 of compound 1,1-Dichloropropene in sample 04DEC04.D from x, y = 6.010, 0 to 6.099, 0; result = 862			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:38:54 AM	Set UserAnnotation = NI for compound Dibromofluoromethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:38:58 AM	Set UserAnnotation = NI for compound Carbon tetrachloride in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:05 AM	Manually integrate qualifier77.0 of compound 1,1-Dichloropropene in sample 04DEC04.D from x, y = 6.010, 0 to 6.088, 0; result = 980			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:39:11 AM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 04DEC04.D from x, y = 6.185, 0 to 6.294, 0; result = 1059			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:39:13 AM	Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:15 AM	Manually integrate qualifier65.0 of compound 1,2-Dichloroethane-d4 in sample 04DEC04.D from x, y = 6.174, 0 to 6.286, 0; result = 1965			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:21 AM	Manually integrate qualifier77.0 of compound Benzene in sample 04DEC04.D from x, y = 6.236, 0 to 6.339, 0; result = 1650			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:39:27 AM	Manually integrate compound 1,2-Dichloroethane in sample 04DEC04.D from x, y = 6.291, 0 to 6.378, 0; result = 2195			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:29 AM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 04DEC04.D from x, y = 6.283, 0 to 6.372, 0; result = 660			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:31 AM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04DEC04.D from x, y = 6.308, 0 to 6.370, 0; result = 78			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:39:39 AM	Set UserAnnotation = NI for compound 1,2-Dichloroethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:44 AM	Manually integrate qualifier97.0 of compound Trichloroethene in sample 04DEC04.D from x, y = 6.991, 0 to 7.097, 0; result = 1512			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:39:48 AM	Manually integrate compound 1,2-Dichloropropane in sample 04DEC04.D from x, y = 7.234, 0 to 7.318, 0; result = 1834			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:39:49 AM	Set UserAnnotation = NI for compound 1,2-Dichloropropane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:51 AM	Manually integrate qualifier76.0 of compound 1,2-Dichloropropane in sample 04DEC04.D from x, y = 7.234, 0 to 7.306, 0; result = 834			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:39:55 AM	Manually integrate compound Dibromomethane in sample 04DEC04.D from x, y = 7.362, 0 to 7.446, 0; result = 725			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:39:56 AM	Set UserAnnotation = NI for compound Dibromomethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:39:59 AM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 04DEC04.D from x, y = 7.373, 0 to 7.438, 0; result = 659			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:40:01 AM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 04DEC04.D from x, y = 7.368, 0 to 7.449, 0; result = 782			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:40:06 AM	Manually integrate compound Bromodichloromethane in sample 04DEC04.D from x, y = 7.552, 0 to 7.630, 0; result = 2238			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:40:09 AM	Set UserAnnotation = NI for compound Bromodichloromethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:40:12 AM	Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 04DEC04.D from x, y = 7.538, 0 to 7.638, 0; result = 1645			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:40:17 AM	Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 04DEC04.D from x, y = 8.023, 0 to 8.093, 0; result = 874			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:40:20 AM	Manually integrate qualifier39.0 of compound cis-1,3-Dichloropropene in sample 04DEC04.D from x, y = 8.037, 324 to 8.082, 373; result = 0			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:40:26 AM	Manually integrate qualifier 39.0 of compound cis-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.034, 313 to 8.093, 260, result = 1603; previous integration is from x, y = 8.252, 324 to 8.252, 324 and previous response = 0.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:40:33 AM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 04DEC04.D from x, y = 8.299, 0 to 8.363, 0; result = 739			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:40:40 AM	Manually integrate compound trans-1,3-Dichloropropene in sample 04DEC04.D from x, y = 8.586, 0 to 8.692, 0; result = 1711			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:40:45 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.600, 0 to 8.648, 0, result = 2873; previous integration is from x, y = 8.704, 0 to 8.762, 0 and previous response = 2873.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL120421_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	12/5/2021 10:40:49 AM	Manually integrate qualifier 39.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.609, 382 to 8.667, 345, result = 1162; previous integration is from x, y = 8.628, 31 to 8.687, 75 and previous response = 2029.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:40:53 AM	Set UserAnnotation = NI for compound trans-1,3-Dichloropropene in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:40:58 AM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.595, 0 to 8.656, 0, result = 518; previous integration is from x, y = 8.704, 0 to 8.762, 0 and previous response = 2873.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:41:03 AM	Manually integrate compound 1,1,2-Trichloroethane in sample 04DEC04.D from x, y = 8.776, 0 to 8.888, 0; result = 960			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:41:05 AM	Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:07 AM	Manually integrate qualifier97.0 of compound 1,1,2-Trichloroethane in sample 04DEC04.D from x, y = 8.782, 0 to 8.871, 0; result = 1299			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:10 AM	Manually integrate qualifier85.0 of compound 1,1,2-Trichloroethane in sample 04DEC04.D from x, y = 8.762, 0 to 8.865, 0; result = 496			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:41:14 AM	Manually integrate compound Tetrachloroethene in sample 04DEC04.D from x, y = 8.890, 0 to 8.994, 0; result = 1932			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:41:16 AM	Set UserAnnotation = NI for compound Tetrachloroethene in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:19 AM	Manually integrate qualifier129.0 of compound Tetrachloroethene in sample 04DEC04.D from x, y = 8.885, 0 to 8.999, 0; result = 1766			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:22 AM	Manually integrate qualifier165.8 of compound Tetrachloroethene in sample 04DEC04.D from x, y = 8.899, 0 to 8.991, 0; result = 2504			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:41:30 AM	Manually integrate compound 1,3-Dichloropropane in sample 04DEC04.D from x, y = 8.952, 0 to 9.022, 0; result = 1951			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:41:32 AM	Set UserAnnotation = NI for compound 1,3-Dichloropropane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:34 AM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 04DEC04.D from x, y = 8.941, 0 to 9.022, 0; result = 585			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:41:38 AM	Manually integrate compound Chlorodibromomethane in sample 04DEC04.D from x, y = 9.175, 0 to 9.242, 0; result = 1395			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:40 AM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 04DEC04.D from x, y = 9.167, 0 to 9.233, 0; result = 976			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:41:44 AM	Manually integrate compound 1,2-Dibromoethane in sample 04DEC04.D from x, y = 9.286, 0 to 9.339, 0; result = 901			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:46 AM	Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 04DEC04.D from x, y = 9.278, 0 to 9.339, 0; result = 829			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:50 AM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 04DEC04.D from x, y = 9.763, 0 to 9.855, 0; result = 1778			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:41:54 AM	Manually integrate qualifier133.0 of compound 1,1,1,2-Tetrachloroethane in sample 04DEC04.D from x, y = 9.847, 0 to 9.936, 0; result = 1777			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:42:04 AM	Manually integrate compound Bromoform in sample 04DEC04.D from x, y = 10.578, 0 to 10.692, 0; result = 750			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:42:06 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 04DEC04.D from x, y = 10.611, 0 to 10.667, 0; result = 86			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:42:08 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 04DEC04.D from x, y = 10.597, 0 to 10.656, 0; result = 283			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:42:16 AM	Manually integrate compound 1,1,2,2-Tetrachloroethane in sample 04DEC04.D from x, y = 11.077, 0 to 11.180, 0; result = 1245			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:42:17 AM	Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 04DEC04.D from x, y = 11.088, 0 to 11.158, 0; result = 713			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:42:23 AM	Manually integrate compound Bromobenzene in sample 04DEC04.D from x, y = 11.057, 0 to 11.135, 0; result = 1792			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:42:25 AM	Manually integrate qualifier158.0 of compound Bromobenzene in sample 04DEC04.D from x, y = 11.049, 0 to 11.127, 0; result = 1589			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:42:28 AM	Set UserAnnotation = NI for compound Bromobenzene in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:42:31 AM	Set UserAnnotation = NI for compound 1,1,2,2-Tetrachloroethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:42:34 AM	Set UserAnnotation = NI for compound Bromoform in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:42:39 AM	Manually integrate compound 1,2,3-Trichloropropane in sample 04DEC04.D from x, y = 11.121, 0 to 11.183, 0; result = 360			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:42:40 AM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:42:42 AM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 04DEC04.D from x, y = 11.127, 0 to 11.183, 0; result = 125			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:42:46 AM	Manually integrate compound 2-Chlorotoluene in sample 04DEC04.D from x, y = 11.269, 0 to 11.328, 0; result = 1628			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:42:49 AM	Set UserAnnotation = NI for compound 2-Chlorotoluene in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:42:54 AM	Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 04DEC04.D from x, y = 11.347, 0 to 11.453, 0; result = 1781			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:43:03 AM	Manually integrate compound 1,3-Dichlorobenzene in sample 04DEC04.D, from x, y = 11.986, 0 to 12.081, 0, result = 3306; previous integration is from x, y = 12.092, 0 to 12.150, 0 and previous response = 3631.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:43:07 AM	Manually integrate qualifier111.0 of compound 1,3-Dichlorobenzene in sample 04DEC04.D from x, y = 11.991, 0 to 12.069, 0; result = 1289			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:43:20 AM	Manually integrate qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 04DEC04.D, from x, y = 12.109, 236 to 12.148, 0, result = 1471; previous integration is from x, y = 12.072, 0 to 12.148, 0 and previous response = 3828.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	12/5/2021 10:43:24 AM	Drop baseline for qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 04DEC04.D to y = 0, new integration is from x, y = 12.109, 0 to 12.148, 0 and new response = 1747; previous integration is from x, y = 12.109, 236 to 12.148, 0 and previous response = 1471.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:43:34 AM	Set UserAnnotation = NI for compound 1,3-Dichlorobenzene in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:43:39 AM	Manually integrate qualifier111.0 of compound 1,2-Dichlorobenzene in sample 04DEC04.D from x, y = 12.449, 0 to 12.527, 0; result = 1281			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:43:40 AM	Manually integrate qualifier148.0 of compound 1,2-Dichlorobenzene in sample 04DEC04.D from x, y = 12.449, 0 to 12.499, -56; result = 1549			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:43:43 AM	Manually integrate qualifier 148.0 of compound 1,2-Dichlorobenzene in sample 04DEC04.D, from x, y = 12.449, 0 to 12.544, 0, result = 1832; previous integration is from x, y = 12.449, 0 to 12.499, -56 and previous response = 1549.			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:43:48 AM	Set SampleApproved = True for sample 04DEC04.D; previous value = False			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	12/5/2021 10:44:01 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 10:45:53 AM	Manually integrate compound 1,2,3-Trichloropropane in sample 04DEC05.D from x, y = 11.104, 0 to 11.174, 0; result = 1583			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:45:56 AM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 04DEC05.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:45:58 AM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 04DEC05.D from x, y = 11.104, 0 to 11.199, 0; result = 833			✓	
CmdManuallyIntegrateMerge	BL2000\mchavez	12/5/2021 10:46:05 AM	Merge peak with right peak for compound Chlorodibromomethane in sample 04DEC05.D, new integration is from x, y = 9.172, 0 to 9.244, 0 and new response = 6385; previous integration is from x, y= 9.172, 0 to 9.197, 0 and previous response =2121.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 10:46:07 AM	Set UserAnnotation = LT for compound Chlorodibromomethane in sample 04DEC05.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:46:20 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 04DEC05.D from x, y = 10.600, 0 to 10.653, 0; result = 1846			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:46:22 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 04DEC05.D from x, y = 10.580, 0 to 10.656, 0; result = 1904			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:46:31 AM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 04DEC05.D from x, y = 5.131, 0 to 5.243, 0; result = 3104			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:46:51 AM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 04DEC05.D from x, y = 5.798, 0 to 5.873, 28; result = 1842			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:46:51 AM	Manually integrate qualifier 191.5 of compound Dibromofluoromethane in sample 04DEC05.D, from x, y = 5.890, 0 to 5.915, 0, result = 0; previous integration is from x, y = 5.798, 0 to 5.873, 28 and previous response = 1842.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 10:46:53 AM	Manually integrate qualifier 191.5 of compound Dibromofluoromethane in sample 04DEC05.D, from x, y = 5.803, 0 to 5.898, 0, result = 1975; previous integration is from x, y = 5.890, 0 to 5.915, 0 and previous response = 0.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:46:55 AM	Manually integrate qualifier 191.5 of compound Dibromofluoromethane in sample 04DEC05.D, from x, y = 5.803, 0 to 5.887, 0, result = 1975; previous integration is from x, y = 5.803, 0 to 5.898, 0 and previous response = 1975.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:47:04 AM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 04DEC05.D from x, y = 7.546, 0 to 7.621, 0; result = 1270			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:47:20 AM	Manually integrate qualifier 65.0 of compound 1,1-Dichloroethane in sample 04DEC05.D, from x, y = 4.328, 0 to 4.459, 0, result = 5854; previous integration is from x, y = 4.362, 0 to 4.428, 0 and previous response = 4972.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:47:23 AM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 04DEC05.D from x, y = 4.328, 0 to 4.426, 0; result = 2435			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:47:36 AM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04DEC05.D from x, y = 6.294, 0 to 6.372, 0; result = 717			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:47:46 AM	Set SampleApproved = True for sample 04DEC05.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 10:47:49 AM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:54:09 AM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC06.D, from x, y = 3.687, 0 to 3.737, 160, result = 4874; previous integration is from x, y = 3.737, 0 to 3.807, 0 and previous response = 4874.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:54:10 AM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC06.D, from x, y = 3.807, 0 to 3.834, 0, result = 4874; previous integration is from x, y = 3.737, 0 to 3.807, 0 and previous response = 4874.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:54:13 AM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC06.D, from x, y = 3.684, 0 to 3.846, 0, result = 5835; previous integration is from x, y = 3.737, 0 to 3.807, 0 and previous response = 4874.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:54:21 AM	Manually integrate qualifier 83.0 of compound 1,1-Dichloroethane in sample 04DEC06.D, from x, y = 4.331, 0 to 4.481, 0, result = 5426; previous integration is from x, y = 4.381, 0 to 4.431, 0 and previous response = 2629.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:54:38 AM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04DEC06.D from x, y = 6.272, 0 to 6.386, 0; result = 1626			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 10:54:48 AM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 04DEC06.D from x, y = 7.555, 0 to 7.663, 0; result = 1967			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:55:14 AM	Set SampleApproved = True for sample 04DEC06.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:56:08 AM	Set SampleApproved = True for sample 04DEC07.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 10:57:00 AM	Set SampleApproved = True for sample 04DEC11.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\mchavez	12/5/2021 11:00:14 AM	Zero out primary peak of compound Methyl ethyl ketone in sample 04DEC13.D			✓	
CmdZeroOutPeak	BL2000\mchavez	12/5/2021 11:00:19 AM	Zero out primary peak of compound Methyl ethyl ketone in sample 04DEC15.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 11:01:16 AM	Set SampleApproved = True for sample 04DEC13.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 11:02:53 AM	Set SampleApproved = True for sample 04DEC15.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:03:05 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	12/5/2021 11:03:59 AM	Replace level 8 with Calibration sample 04DEC15.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, 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, Methyl ethyl ketone}; Replace level 7 with Calibration sample 04DEC13.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, 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, Methyl ethyl ketone}; Replace level 6 with Calibration sample 04DEC11.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, 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, Methyl ethyl ketone}; Replace level 5 with Calibration sample 04DEC09.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, 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, Methyl ethyl ketone}; Replace level 4 with Calibration sample 04DEC07.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, 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, Methyl ethyl ketone}; Replace level 3 with Calibration sample 04DEC06.D for				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, 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, Methyl ethyl ketone}; Replace level 2 with Calibration sample 04DEC05.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, cis-1,2-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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, Methyl ethyl ketone}; Replace level 1 with Calibration sample 04DEC04.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, 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, Methyl ethyl ketone};				
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:04:10 AM	Set LevelEnable = False for calibration level 7, levelId = 13 of compound Methyl ethyl ketone in sample 04DEC09.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:04:11 AM	Set LevelEnable = False for calibration level 8, levelId = 12 of compound Methyl ethyl ketone in sample 04DEC09.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:04:39 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:05:02 AM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Methyl ethyl ketone in sample 04DEC09.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:05:18 AM	Quantitate all compounds in all samples			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:07:04 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:09:56 AM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Dichlorodifluoromethane in sample 04DEC09.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:10:08 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:11:25 AM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Chloromethane in sample 04DEC09.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 11:11:43 AM	Manually integrate qualifier64.0 of compound Vinyl chloride in sample 04DEC04.D from x, y = 1.487, 0 to 1.520, 0; result = 1065			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:12:15 AM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Vinyl chloride in sample 04DEC09.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:12:35 AM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Bromomethane in sample 04DEC09.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:12:46 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 11:12:57 AM	Set CurveFit = fitQuadratic for compound Bromomethane in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 11:13:01 AM	Set CurveFitWeight = weightOneOverX for compound Bromomethane in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:13:15 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 11:13:40 AM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Chloroethane in sample 04DEC09.D; previous value = True			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 11:13:43 AM	Set CurveFit = fitAverageOfResponseFactors for compound Chloroethane in all samples; previous value = fitQuadratic			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 11:13:45 AM	Set CurveFitWeight = weightEqual for compound Chloroethane in all samples; previous value = weightOneOverX			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:13:56 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 11:14:31 AM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/5/2021 12:25:50 PM	Open batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:27:30 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound 1,1,1-Trichloroethane in sample 04DEC09.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 12:27:46 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:28:08 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound 1,1,2-Trichloroethane in sample 04DEC09.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:28:22 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound 1,1-Dichloroethane in sample 04DEC09.D; previous value = True			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:28:25 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound 1,1-Dichloroethene in sample 04DEC09.D; previous value = True			✓	
CmdStartMethodEditing	BL2000\mchavez	12/5/2021 12:28:48 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	12/5/2021 12:28:48 PM	Import method from sample 04DEC04.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:29:04 PM	Set CurveFit = fitAverageOfResponseFactors for compound Methylene chloride; previous value = fitQuadratic			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:29:08 PM	Set CurveFitWeight = weightEqual for compound Methylene chloride; previous value = weightOneOverX			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:29:28 PM	Set ISTDCompoundID = 0 for compound Bromomethane; previous value = 4			✓	
CmdRemoveMethodTargetCompound	BL2000\mchavez	12/5/2021 12:29:41 PM	Remove compound BM_Fluorobenzene			✓	
CmdSaveMethodAs	BL2000\mchavez	12/5/2021 12:29:59 PM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL\VOA5975C_120421_8260B_SHT_CAL_LevelIV.m			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdApplyMethodToAllSamples	BL2000\mchavez	12/5/2021 12:30:08 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/5/2021 12:30:08 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/5/2021 12:30:08 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 12:30:23 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:30:53 PM	Manually integrate qualifier87.0 of compound Dichlorodifluoromethane in sample 04DEC04.D from x, y = 1.219, 0 to 1.305, 0; result = 938			✓	
CmdStartMethodEditing	BL2000\mchavez	12/5/2021 12:31:04 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	12/5/2021 12:31:04 PM	Import method from sample 04DEC04.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:29 PM	Set CompoundGroup = A CAL for compound 1,1,1,2-Tetrachloroethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,1,1-Trichloroethane; previous value = A CAL,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,1,2,2-Tetrachloroethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,1,2-Trichloroethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,1-Dichloroethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,1-Dichloroethene; previous value = A CAL,TCLP,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,1-Dichloropropene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,2,3-Trichloropropane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,2-Dibromoethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,2-Dichlorobenzene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,2-Dichloroethane; previous value = A CAL,TCLP,TAS,BTEX,HLLY			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,2-Dichloroethane-d4; previous value = A CAL,TCLP,TAS,BTEX,UP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,2-Dichloropropane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,3-Dichlorobenzene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,3-Dichloropropane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,4-Dichlorobenzene; previous value = A CAL,TCLP,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 1,4-Dichlorobenzene-d4; previous value = A CAL,TCLP,TAS,BTEX,UP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 2,2-Dichloropropane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 2-Chlorotoluene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound 4-Chlorotoluene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Benzene; previous value = A CAL,TCLP,TAS,BTEX,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Bromobenzene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Bromochloromethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Bromodichloromethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Bromoform; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Bromomethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Carbon tetrachloride; previous value = A CAL,TCLP,TAS,HLLY			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Chlorobenzene; previous value = A CAL,TCLP,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Chlorobenzene-d5; previous value = A CAL,TCLP,TAS,BTEX,UP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Chlorodibromomethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Chloroethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Chloroform; previous value = A CAL,TCLP,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Chloromethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound cis-1,2-Dichloroethene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound cis-1,3-Dichloropropene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Dibromofluoromethane; previous value = A CAL,TCLP,TAS,BTEX,UP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Dibromomethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Dichlorodifluoromethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Ethylbenzene; previous value = A CAL,TAS,BTEX,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Fluorobenzene; previous value = A CAL,TCLP,TAS,BTEX,UP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound m+p-Xylenes; previous value = A CAL,TAS,BTEX,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Methyl ethyl ketone; previous value = A CAL,TCLP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Methyl tert-butyl ether (MTBE); previous value = A CAL,TAS,HLLY			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Methylene chloride; previous value = A CAL,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound o-Xylene; previous value = A CAL,TAS,BTEX,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound p-Bromofluorobenzene; previous value = A CAL,TCLP,TAS,BTEX,UP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Styrene; previous value = A CAL,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Tetrachloroethene; previous value = A CAL,TCLP,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Toluene; previous value = A CAL,TAS,BTEX,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Toluene-d8; previous value = A CAL,TCLP,TAS,BTEX,UP,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound trans-1,2-Dichloroethene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound trans-1,3-Dichloropropene; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Trichloroethene; previous value = A CAL,TCLP,TAS,HLLY			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Trichlorofluoromethane; previous value = A CAL,TAS			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:32:32 PM	Set CompoundGroup = A CAL for compound Vinyl chloride; previous value = A CAL,TCLP,TAS,HLLY			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	12/5/2021 12:33:01 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/5/2021 12:33:01 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/5/2021 12:33:02 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 12:33:14 PM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:33:51 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound 1,2-Dibromoethane in sample 04DEC04.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:34:10 PM	Manually integrate qualifier133.0 of compound 1,1,1,2-Tetrachloroethane in sample 04DEC04.D from x, y = 9.850, 0 to 9.917, -3; result = 1782			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:34:14 PM	Manually integrate qualifier61.0 of compound 1,1,1-Trichloroethane in sample 04DEC04.D from x, y = 5.795, 0 to 5.907, 0; result = 2061			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:34:18 PM	Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 04DEC04.D from x, y = 11.088, 0 to 11.158, 0; result = 713			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:34:23 PM	Manually integrate qualifier97.0 of compound 1,1,2-Trichloroethane in sample 04DEC04.D from x, y = 8.782, 0 to 8.871, 0; result = 1299			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:34:24 PM	Manually integrate qualifier85.0 of compound 1,1,2-Trichloroethane in sample 04DEC04.D from x, y = 8.782, 0 to 8.860, 0; result = 496			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:34:31 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 04DEC04.D from x, y = 4.339, 0 to 4.445, 0; result = 1292			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:34:33 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 04DEC04.D from x, y = 4.348, 0 to 4.440, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL120421_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	12/5/2021 12:34:39 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 04DEC04.D from x, y = 4.353, 0 to 4.440, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 83.0 of compound 1,1-Dichloroethane in sample ICAL120421_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	12/5/2021 12:34:45 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 04DEC04.D from x, y = 4.345, 0 to 4.440, 0; result = 308			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:34:52 PM	Manually integrate qualifier63.0 of compound 1,1-Dichloroethene in sample 04DEC04.D from x, y = 2.677, 0 to 2.764, 0; result = 1331			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:34:57 PM	Manually integrate qualifier110.0 of compound 1,1-Dichloropropene in sample 04DEC04.D from x, y = 6.007, 0 to 6.093, 0; result = 862			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:34:59 PM	Manually integrate qualifier77.0 of compound 1,1-Dichloropropene in sample 04DEC04.D from x, y = 5.982, 0 to 6.093, 0; result = 980			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:35:03 PM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 04DEC04.D from x, y = 11.133, 0 to 11.185, 0; result = 124			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:35:08 PM	Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 04DEC04.D from x, y = 9.275, 0 to 9.351, 0; result = 829			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:35:13 PM	Manually integrate qualifier111.0 of compound 1,2-Dichlorobenzene in sample 04DEC04.D from x, y = 12.454, 0 to 12.546, 0; result = 1281			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:35:15 PM	Manually integrate qualifier148.0 of compound 1,2-Dichlorobenzene in sample 04DEC04.D from x, y = 12.446, 0 to 12.544, 0; result = 1832			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:35:19 PM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 04DEC04.D from x, y = 6.289, 0 to 6.378, 0; result = 660			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:35:38 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04DEC04.D from x, y = 6.317, 0 to 6.353, 0; result = 78			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:35:51 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound 1,2-Dichloroethane in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:35:58 PM	Manually integrate qualifier65.0 of compound 1,2-Dichloroethane-d4 in sample 04DEC04.D from x, y = 6.199, 0 to 6.283, 0; result = 1965			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:36:03 PM	Manually integrate qualifier76.0 of compound 1,2-Dichloropropane in sample 04DEC04.D from x, y = 7.242, 0 to 7.306, 0; result = 834			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:36:46 PM	Manually integrate qualifier111.0 of compound 1,3-Dichlorobenzene in sample 04DEC04.D from x, y = 11.997, 0 to 12.075, 0; result = 1289			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:37:03 PM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 04DEC04.D from x, y = 8.952, 0 to 9.027, 0; result = 585			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:37:05 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound 1,3-Dichloropropane in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:37:20 PM	Manually integrate qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 04DEC04.D, from x, y = 12.109, 77 to 12.148, 0, result = 1657; previous integration is from x, y = 12.072, 0 to 12.148, 0 and previous response = 3828.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	12/5/2021 12:37:23 PM	Drop baseline for qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 04DEC04.D to y = 0, new integration is from x, y = 12.109, 0 to 12.148, 0 and new response = 1747; previous integration is from x, y = 12.109, 77 to 12.148, 0 and previous response = 1657.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:37:37 PM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 04DEC04.D from x, y = 5.162, 0 to 5.276, 0; result = 419			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:37:40 PM	Manually integrate qualifier41.0 of compound 2,2-Dichloropropane in sample 04DEC04.D from x, y = 5.143, 0 to 5.235, 0; result = 2571			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:37:54 PM	Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 04DEC04.D from x, y = 11.370, 0 to 11.448, 0; result = 1781			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:38:05 PM	Manually integrate qualifier77.0 of compound Benzene in sample 04DEC04.D from x, y = 6.227, 0 to 6.322, 0; result = 1650			✓	
CmdZeroOutPeak	BL2000\mchavez	12/5/2021 12:38:14 PM	Zero out primary peak of compound Benzene in sample 04DEC04.D			✓	
CmdClearManualIntegration	BL2000\mchavez	12/5/2021 12:38:21 PM	Clear manual integration of target signal for compound Benzene in sample 04DEC04.D			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:38:24 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Benzene in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:38:35 PM	Manually integrate qualifier158.0 of compound Bromobenzene in sample 04DEC04.D from x, y = 11.057, 0 to 11.141, 0; result = 1589			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:38:49 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Bromobenzene in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:39:00 PM	Manually integrate qualifier49.0 of compound Bromochloromethane in sample 04DEC04.D from x, y = 5.474, 0 to 5.597, 0; result = 1379			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:39:04 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Bromochloromethane in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:39:13 PM	Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 04DEC04.D from x, y = 7.532, 0 to 7.644, 0; result = 1645			✓	
CmdZeroOutPeak	BL2000\mchavez	12/5/2021 12:39:15 PM	Zero out primary peak of compound Bromodichloromethane in sample 04DEC04.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\mchavez	12/5/2021 12:39:17 PM	Clear manual integration of target signal for compound Bromodichloromethane in sample 04DEC04.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 12:39:22 PM	Manually integrate compound Bromodichloromethane in sample 04DEC04.D from x, y = 7.552, 0 to 7.663, 0; result = 2238			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:39:23 PM	Set UserAnnotation = NI for compound Bromodichloromethane in sample 04DEC04.D; previous value =			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:39:25 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Bromodichloromethane in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:39:36 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 04DEC04.D from x, y = 10.600, 0 to 10.656, 0; result = 86			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:39:38 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 04DEC04.D from x, y = 10.594, 0 to 10.661, 0; result = 283			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:39:39 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Bromoform in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:39:46 PM	Manually integrate qualifier94.0 of compound Bromomethane in sample 04DEC04.D from x, y = 1.779, 0 to 1.852, 0; result = 1371			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 12:40:04 PM	Manually integrate qualifier121.0 of compound Carbon tetrachloride in sample 04DEC04.D from x, y = 5.987, 0 to 6.096, 0; result = 754			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:40:12 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Carbon tetrachloride in sample 04DEC04.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:40:24 PM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 04DEC04.D from x, y = 9.741, 0 to 9.844, 0; result = 1778			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:46:01 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Chlorobenzene in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:46:07 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 04DEC04.D from x, y = 9.167, 0 to 9.239, 0; result = 976			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:46:10 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 04DEC04.D; previous value =			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:46:16 PM	Set LevelEnable = True for calibration level 1, levelId = 19 of compound Chlorodibromomethane in sample 04DEC04.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 12:46:30 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:46:40 PM	Manually integrate qualifier66.0 of compound Chloroethane in sample 04DEC04.D from x, y = 1.874, 0 to 1.922, 0; result = 402			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 12:46:57 PM	Set UserAnnotation = NI for compound Chloroethane in sample 04DEC04.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 12:47:05 PM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:47:14 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 04DEC04.D from x, y = 1.395, 0 to 1.475, 0; result = 1014			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:51:21 PM	Manually integrate qualifier 61.0 of compound cis-1,2-Dichloroethene in sample 04DEC04.D, from x, y = 5.165, 0 to 5.293, 0, result = 3268; previous integration is from x, y = 5.198, 73 to 5.237, 201 and previous response = 2048.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:51:24 PM	Manually integrate qualifier98.0 of compound cis-1,2-Dichloroethene in sample 04DEC04.D from x, y = 5.170, 0 to 5.282, 0; result = 1327			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 12:51:41 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound cis-1,2-Dichloroethene in sample 04DEC04.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:51:54 PM	Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 04DEC04.D from x, y = 8.029, 0 to 8.093, 0; result = 874			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 12:51:59 PM	Manually integrate qualifier39.0 of compound cis-1,3-Dichloropropene in sample 04DEC04.D from x, y = 8.034, 313 to 8.082, 392; result = 1357			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 12:52:10 PM	Save batch D:\Org\Data\VOA5975C\VG120421_L4 \QuantResults\VG120421_8260B_SHT. batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/5/2021 1:06:37 PM	Open batch D:\Org\Data\VOA5975C\VG120421_L4 \VG120421_8260B_SHT.batch.bin			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:07:06 PM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 04DEC04.D from x, y = 5.801, 0 to 5.887, 0; result = 253			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:07:12 PM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 04DEC04.D from x, y = 7.365, 0 to 7.468, 0; result = 659			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:07:16 PM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 04DEC04.D from x, y = 7.359, 0 to 7.446, 0; result = 782			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 1:07:18 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Dibromomethane in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:08:16 PM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC04.D from x, y = 3.718, 0 to 3.807, 0; result = 430			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 1:08:23 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC04.D; previous value = True			✓	
CmdZeroOutPeak	BL2000\mchavez	12/5/2021 1:08:38 PM	Zero out primary peak of compound Methylene chloride in sample 04DEC04.D			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	12/5/2021 1:08:42 PM	Manually integrate compound Methylene chloride in sample 04DEC04.D, from x, y = 3.263, 0 to 3.405, 0, result = 4086; previous integration is from x, y = 3.335, 0 to 3.335, 0 and previous response = 0.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:08:45 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 04DEC04.D from x, y = 3.285, 0 to 3.391, 0; result = 2847			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:08:47 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 04DEC04.D from x, y = 3.302, 0 to 3.414, 0; result = 1728			✓	
CmdClearManualIntegration	BL2000\mchavez	12/5/2021 1:08:50 PM	Clear manual integration of target signal for compound Methylene chloride in sample 04DEC04.D			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:09:39 PM	Manually integrate qualifier129.0 of compound Tetrachloroethene in sample 04DEC04.D from x, y = 8.904, 0 to 8.991, 0; result = 1766			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:09:41 PM	Manually integrate qualifier165.8 of compound Tetrachloroethene in sample 04DEC04.D from x, y = 8.890, 0 to 8.980, 0; result = 2504			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:09:51 PM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 04DEC04.D from x, y = 8.288, 0 to 8.363, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 99.0 of compound Toluene-d8 in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 99.0 of compound Toluene-d8 in sample ICAL120421_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.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegrateQualifierPeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:09:56 PM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 04DEC04.D from x, y = 8.274, 0 to 8.366, 0; result = 739			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:10:02 PM	Manually integrate qualifier98.0 of compound trans-1,2-Dichloroethene in sample 04DEC04.D from x, y = 3.667, 0 to 3.765, 0; result = 1207			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:10:10 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.600, 0 to 8.651, -94, result = 2873; previous integration is from x, y = 8.704, 0 to 8.762, 0 and previous response = 2873.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL120421_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	12/5/2021 1:10:15 PM	Manually integrate qualifier 39.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.584, 139 to 8.684, 229, result = 2226; previous integration is from x, y = 8.628, 31 to 8.687, 75 and previous response = 2029.			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 1:10:33 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound trans-1,2-Dichloroethene in sample 04DEC04.D; previous value = True			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:10:44 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.600, 0 to 8.648, 0, result = 2873; previous integration is from x, y = 8.704, 0 to 8.762, 0 and previous response = 2873.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL120421_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL120421_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	12/5/2021 1:10:50 PM	Manually integrate qualifier 39.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.612, 392 to 8.667, 392, result = 1022; previous integration is from x, y = 8.584, 139 to 8.684, 229 and previous response = 2226.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:10:54 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 04DEC04.D, from x, y = 8.609, 0 to 8.659, -5, result = 561; previous integration is from x, y = 8.704, 0 to 8.762, 0 and previous response = 2873.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:11:03 PM	Manually integrate qualifier97.0 of compound Trichloroethene in sample 04DEC04.D from x, y = 6.986, 0 to 7.086, 0; result = 1512			✓	
CmdSetLevelEnable	BL2000\mchavez	12/5/2021 1:11:13 PM	Set LevelEnable = False for calibration level 1, levelId = 19 of compound Trichlorofluoromethane in sample 04DEC04.D; previous value = True			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:11:21 PM	Manually integrate qualifier64.0 of compound Vinyl chloride in sample 04DEC04.D from x, y = 1.481, -2 to 1.520, 0; result = 1115			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 1:11:41 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:12:19 PM	Set UserAnnotation = NI for compound 1,3-Dichlorobenzene in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:12:48 PM	Set UserAnnotation = NI for compound 2-Chlorotoluene in sample 04DEC04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:12:51 PM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:12:54 PM	Set UserAnnotation = NI for compound Bromobenzene in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:12:57 PM	Set UserAnnotation = NI for compound 1,1,2,2-Tetrachloroethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:00 PM	Set UserAnnotation = NI for compound Bromoform in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:03 PM	Set UserAnnotation = NI for compound 1,2-Dibromoethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:09 PM	Set UserAnnotation = NI for compound 1,3-Dichloropropane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:11 PM	Set UserAnnotation = NI for compound Tetrachloroethene in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:13 PM	Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:15 PM	Set UserAnnotation = NI for compound trans-1,3-Dichloropropene in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:20 PM	Set UserAnnotation = NI for compound Dibromomethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:23 PM	Set UserAnnotation = NI for compound 1,2-Dichloropropane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:26 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:29 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:32 PM	Set UserAnnotation = NI for compound Carbon tetrachloride in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:35 PM	Set UserAnnotation = NI for compound Dibromofluoromethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:38 PM	Set UserAnnotation = NI for compound Bromochloromethane in sample 04DEC04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:41 PM	Set UserAnnotation = LT for compound Methyl ethyl ketone in sample 04DEC04.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:13:46 PM	Manually integrate qualifier72.0 of compound Methyl ethyl ketone in sample 04DEC04.D from x, y = 5.265, 0 to 5.332, 0; result = 216			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:54 PM	Set UserAnnotation = NI for compound 2,2-Dichloropropane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:13:57 PM	Set UserAnnotation = LT for compound 1,1-Dichloroethane in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:14:01 PM	Set UserAnnotation = NI for compound trans-1,2-Dichloroethene in sample 04DEC04.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:14:06 PM	Set UserAnnotation = NI for compound Bromomethane in sample 04DEC04.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	12/5/2021 1:14:31 PM	Replace level QC with QC sample 04DEC17.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 8 with Calibration sample 04DEC15.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 7 with Calibration sample 04DEC13.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 6 with Calibration sample 04DEC11.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 5 with Calibration sample 04DEC09.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 4 with Calibration sample 04DEC07.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 3 with Calibration sample 04DEC06.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 2 with Calibration sample 04DEC05.D for compounds {1,2-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, 1,4-Dichlorobenzene}; Replace level 1 with Calibration sample 04DEC04.D for compounds {1,2-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, 1,4-Dichlorobenzene};				
CmdQuantitate	BL2000\mchavez	12/5/2021 1:14:52 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	12/5/2021 1:15:13 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	12/5/2021 1:15:13 PM	Import method from sample 04DEC04.D			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	12/5/2021 1:30:20 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/5/2021 1:30:20 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/5/2021 1:30:21 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 1:30:35 PM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:30:54 PM	Set UserAnnotation = LT for compound Chlorodibromomethane in sample 04DEC05.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/5/2021 1:30:58 PM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 04DEC05.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:31:01 PM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 04DEC05.D from x, y = 11.107, 0 to 11.191, 0; result = 833			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:31:11 PM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 04DEC05.D from x, y = 3.703, 0 to 3.823, 0; result = 2829			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:31:15 PM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 04DEC05.D from x, y = 5.128, 0 to 5.240, 0; result = 3104			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:31:23 PM	Manually integrate qualifier191.5 of compound Dibromofluoromethane in sample 04DEC05.D from x, y = 5.795, 0 to 5.904, 0; result = 1975			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:31:27 PM	Manually integrate qualifier174.5 of compound Bromoform in sample 04DEC05.D from x, y = 10.589, 0 to 10.683, 0; result = 1877			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:31:29 PM	Manually integrate qualifier170.5 of compound Bromoform in sample 04DEC05.D from x, y = 10.580, 0 to 10.686, 0; result = 1904			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:31:37 PM	Manually integrate qualifier 65.0 of compound 1,1-Dichloroethane in sample 04DEC05.D, from x, y = 4.323, 0 to 4.442, 0, result = 5854; previous integration is from x, y = 4.362, 0 to 4.428, 0 and previous response = 4972.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:31:42 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 04DEC05.D from x, y = 4.328, 0 to 4.431, 0; result = 2435			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:31:49 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04DEC05.D from x, y = 6.289, 0 to 6.411, 0; result = 717			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:32:08 PM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 04DEC05.D from x, y = 7.549, 0 to 7.627, 0; result = 1270			✓	
CmdManuallyIntegrateP eak	BL2000\mchavez	12/5/2021 1:32:32 PM	Manually integrate compound Methylene chloride in sample 04DEC03.D from x, y = 3.291, 0 to 3.372, 0; result = 1171			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:32:35 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 04DEC03.D from x, y = 3.297, 0 to 3.358, -8; result = 883			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:32:39 PM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 04DEC03.D, from x, y = 3.297, 0 to 3.372, 0, result = 868; previous integration is from x, y = 3.297, 0 to 3.358, -8 and previous response = 883.			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/5/2021 1:32:42 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 04DEC03.D from x, y = 3.302, 0 to 3.377, 0; result = 612			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 1:47:52 PM	Save batch D:\Org\Data\VOA5975C\VG120421_L4 \QuantResults\VG120421_8260B_SHT. batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/7/2021 1:25:09 PM	Open batch D:\Org\Data\VOA5975C\VG120421_L4 \VG120421_8260B_SHT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/7/2021 1:27:07 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 04DEC06.D from x, y = 6.266, 0 to 6.361, 0; result = 1626			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	12/7/2021 1:27:11 PM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 04DEC06.D from x, y = 7.538, 0 to 7.644, 0; result = 1967			✓	
CmdStartMethodEditing	BL2000\mchavez	12/7/2021 1:28:44 PM	Start method editing			✓	
CmdImportMethodFrom Sample	BL2000\mchavez	12/7/2021 1:28:44 PM	Import method from sample 04DEC09.D			✓	
CmdUpdateRetentionTi mes	BL2000\mchavez	12/7/2021 1:28:52 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; Tetrachloroethene; 1,1,2-Trichloroethane; trans-1,3-Dichloropropene; Toluene; Toluene-d8; cis-1,3-Dichloropropene; Bromodichloromethane; Dibromomethane; 1,2-Dichloropropane; Trichloroethene; 1,2-Dichloroethane; Benzene; 1,2-Dichloroethane-d4; 1,1-Dichloropropene; Carbon tetrachloride; 1,1,1-Trichloroethane; Dibromofluoromethane; Chloroform; Bromochloromethane; Methyl ethyl ketone; cis-1,2-Dichloroethene; 2,2-Dichloropropane; 1,1-Dichloroethane; Methyl tert-butyl ether (MTBE); trans-1,2-Dichloroethene; Methylene chloride; 1,1-Dichloroethene; Trichlorofluoromethane; Chloroethane; Bromomethane; Vinyl chloride; Chloromethane; Dichlorodifluoromethane; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; 1,3-Dichloropropane;			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\mchavez	12/7/2021 1:28:59 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 Tetrachloroethene; Update qualifier ratios for compound 1,1,2-Trichloroethane; Update qualifier ratios for compound trans-1,3-Dichloropropene; Update qualifier ratios for compound Toluene; Update qualifier ratios for compound Toluene-d8; Update qualifier ratios for compound cis-1,3-Dichloropropene; Update qualifier ratios for compound Bromodichloromethane; Update qualifier ratios for compound Dibromomethane; Update qualifier ratios for compound 1,2-Dichloropropane; Update qualifier ratios for compound Trichloroethene; Update qualifier ratios for compound 1,2-Dichloroethane; Update qualifier ratios for compound Benzene; Update qualifier ratios for compound 1,2-Dichloroethane-d4; Update qualifier ratios for compound 1,1-Dichloropropene; Update qualifier ratios for compound Carbon tetrachloride; Update qualifier ratios for compound 1,1,1-Trichloroethane; Update qualifier ratios for compound Dibromofluoromethane; Update			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			qualifier ratios for compound Chloroform; Update qualifier ratios for compound Bromochloromethane; Update qualifier ratios for compound Methyl ethyl ketone; Update qualifier ratios for compound cis-1,2-Dichloroethene; Update qualifier ratios for compound 2,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloroethane; Update qualifier ratios for compound Methyl tert-butyl ether (MTBE); Update qualifier ratios for compound trans-1,2-Dichloroethene; Update qualifier ratios for compound Methylene chloride; Update qualifier ratios for compound 1,1-Dichloroethene; Update qualifier ratios for compound Trichlorofluoromethane; Update qualifier ratios for compound Chloroethane; Update qualifier ratios for compound Bromomethane; Update qualifier ratios for compound Vinyl chloride; Update qualifier ratios for compound Chloromethane; Update qualifier ratios for compound Dichlorodifluoromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound 1,3-Dichloropropane;				
CmdApplyMethodToAllSamples	BL2000\mchavez	12/7/2021 1:29:08 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/7/2021 1:29:08 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/7/2021 1:29:09 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/7/2021 1:29:27 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	12/7/2021 1:30:13 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	12/7/2021 1:30:13 PM	Import method from sample 04DEC09.D			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	12/7/2021 1:34:28 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/7/2021 1:34:29 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/7/2021 1:34:29 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/7/2021 1:34:47 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/7/2021 1:44:34 PM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\mchavez	12/7/2021 2:35:50 PM	Open batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/7/2021 2:45:21 PM	Manually integrate compound Benzene in sample 04DEC03.D from x, y = 6.244, 0 to 6.336, 0; result = 351			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/7/2021 2:45:24 PM	Manually integrate qualifier77.0 of compound Benzene in sample 04DEC03.D from x, y = 6.236, 0 to 6.305, 0; result = 139			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/7/2021 2:45:40 PM	Manually integrate compound Toluene in sample 04DEC03.D from x, y = 8.361, 0 to 8.414, 0; result = 264			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/7/2021 2:45:42 PM	Manually integrate qualifier91.0 of compound Toluene in sample 04DEC03.D from x, y = 8.366, 0 to 8.464, 0; result = 686			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/7/2021 2:46:02 PM	Manually integrate compound m+p-Xylenes in sample 04DEC03.D from x, y = 10.009, 0 to 10.073, 0; result = 856			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/7/2021 2:46:05 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 04DEC03.D from x, y = 10.009, 0 to 10.079, 0; result = 1876			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/7/2021 2:46:11 PM	Manually integrate compound o-Xylene in sample 04DEC03.D from x, y = 10.399, 0 to 10.458, 0; result = 156			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/7/2021 2:46:15 PM	Manually integrate qualifier91.0 of compound o-Xylene in sample 04DEC03.D from x, y = 10.416, 0 to 10.463, 0; result = 394			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/7/2021 2:46:43 PM	Set SampleApproved = True for sample 04DEC03.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/7/2021 2:46:53 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 04DEC03.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/7/2021 2:46:56 PM	Set UserAnnotation = NI for compound Benzene in sample 04DEC03.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/7/2021 2:46:59 PM	Set UserAnnotation = NI for compound Toluene in sample 04DEC03.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/7/2021 2:47:02 PM	Set UserAnnotation = NI for compound m+p-Xylenes in sample 04DEC03.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/7/2021 2:47:05 PM	Set UserAnnotation = NI for compound o-Xylene in sample 04DEC03.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	12/7/2021 2:48:35 PM	Set SampleApproved = True for sample 04DEC17.D; previous value = False			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/7/2021 3:03:14 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120421_L4\04DEC09CC.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/7/2021 3:10:31 PM	Set SampleApproved = True for sample 04DEC02.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/7/2021 3:18:27 PM	Set SampleName = CCV120421 for sample 04DEC09CC.D; previous value = ICAL120421_5			✓	
CmdQuantitate	BL2000\mchavez	12/7/2021 3:18:45 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/7/2021 3:19:59 PM	Set SampleType = CC for sample 04DEC09CC.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/7/2021 3:20:39 PM	Set LevelName = CC for sample 04DEC09CC.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	12/7/2021 3:34:04 PM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/8/2021 10:28:12 AM	Open batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 10:28:26 AM	Set SampleApproved = True for sample 04DEC09CC.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	12/8/2021 10:28:48 AM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	12/8/2021 11:02:09 AM	Replace level CC with CC sample 04DEC09CC.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 QC with QC sample 04DEC17.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 8 with Calibration sample 04DEC15.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 7 with Calibration sample 04DEC13.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 6 with Calibration sample 04DEC11.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 5 with Calibration sample 04DEC09.D for compounds {1,2-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			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 04DEC07.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level 3 with Calibration sample 04DEC06.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 04DEC05.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-				

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane}; Replace level 1 with Calibration sample 04DEC04.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	12/8/2021 11:02:24 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	12/8/2021 11:03:47 AM	Start method editing			✓	

Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportMethodFromSample	BL2000\mchavez	12/8/2021 11:03:47 AM	Import method from sample 04DEC09CC.D			✓	
CmdSaveMethodAs	BL2000\mchavez	12/8/2021 11:04:01 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL\VOA5975C_120421_8260B_SHT_CAL_LevelIV.m			✓	
CmdMethodClear	BL2000\mchavez	12/8/2021 11:04:17 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/8/2021 11:04:18 AM	End method editing			✓	
CmdSaveBatchTable	BL2000\mchavez	12/8/2021 11:06:46 AM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	
GenerateReport	BL2000\mchavez	12/8/2021 11:07:47 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG120421_L4\QuantReports\VG120421_8260B_SHT			✓	
CmdOpenBatchTable	BL2000\mchavez	12/8/2021 11:16:24 AM	Open batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	12/8/2021 11:16:37 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	12/8/2021 11:16:39 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL\VOA5975C_120421_8260B_SHT_CAL_LevelIV.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	12/8/2021 11:16:48 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/8/2021 11:16:48 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/8/2021 11:16:49 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/8/2021 11:17:06 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/8/2021 11:17:55 AM	Save batch D:\Org\Data\VOA5975C\VG120421_L4\QuantResults\VG120421_8260B_SHT.batch.bin			✓	
GenerateReport	BL2000\mchavez	12/8/2021 11:18:49 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG120421_L4\QuantReports\VG120421_8260B_SHT-1			✓	

Energy Laboratories Inc

ANALYTICAL RUN Summary

29-Jan-22

Run ID VOA5975C.I_211205A

Run Start Date: 12/5/2021
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
VOCF3497B	Liquids	1.05	ul	42	ml	CCV	12/11/2021
VOCF3505B	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	12/23/2021
VOCF3507B	MtBE	1.05	ul	42	ml	CCV	12/25/2021
VOCF3517	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	ALL (TUNE	12/31/2022
VOCF3523B	Gases	1.05	µL	42	ml	CCV	12/5/2021
VOCF3524B	2nd Source Gases	1.05	µL	42	ml	LCS, MS, M	12/5/2021
VOCF3526	Ketones	1.05	ul	42	ml	CCV	12/22/2021
VOCF3529A	2nd Source MtBE	1.05	ul	42	ml	LCS, MS, M	12/29/2021
VOCF3534	2nd Source Ketones	1.05	µL	42	ml	LCS, MS, M	12/30/2021

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909321	05DEC02_D_T	VOC-8260-BFB	TUNE	\5975C\VG12052	12/5/2021 11:18:	1	R371393		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	1.2	1.2		100	0	0	0	0	0	1%	0	1.99	0%	
174, % of mass 95	A	%	89.4	89.4		100	0	0	0	0	0	89%	50	99.99	0%	
175, % of mass 174	A	%	8	8		100	0	0	0	0	0	8%	5	9	0%	
176, % of mass 174	A	%	96.9	96.9		100	0	0	0	0	0	97%	95	101	0%	
177, % of mass 176	A	%	6.8	6.8		100	0	0	0	0	0	7%	5	9	0%	
50, % of mass 95	A	%	21.6	21.6		100	0	0	0	0	0	22%	15	40	0%	
75, % of mass 95	A	%	50.9	50.9		100	0	0	0	0	0	51%	30	60	0%	
95, Base Peak	A	%	100	100		100	0	0	0	0	0	100%	0	100	0%	
96, % of mass 95	A	%	6.4	6.4		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
14909388	CCV120521_	VOC-8260-W-Q	CCV	\5975C\VG12052	12/5/2021 11:54:	1	R371393		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	121.72354	4.8689416		5	0	0	0.107	0.5	500	97%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	120.57434	4.8229736		5	0	0	0.131	0.5	500	96%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	123.3695	4.93478		5	0	0	0.0872	0.5	500	99%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	123.93537	4.9574148		5	0	0	0.108	0.5	500	99%	80	120	0%	
1,1-Dichloroethane	A	ug/L	123.88962	4.9555848		5	0	0	0.176	0.5	500	99%	80	120	0%	
1,1-Dichloroethene	A	ug/L	119.26833	4.7707332		5	0	0	0.145	0.5	500	95%	80	120	0%	
1,1-Dichloropropene	A	ug/L	122.03509	4.8814036		5	0	0	0.083	0.5	500	98%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	116.26791	4.6507164		5	0	0	0.385	0.5	500	93%	80	120	0%	
1,2-Dibromoethane	A	ug/L	126.47302	5.0589208		5	0	0	0.143	0.5	500	101%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	125.46699	5.0186796		5	0	0	0.0858	0.5	500	100%	80	120	0%	
1,2-Dichloroethane	A	ug/L	126.78845	5.071538		5	0	0	0.156	0.5	500	101%	80	120	0%	
1,2-Dichloropropane	A	ug/L	127.28272	5.0913088		5	0	0	0.0893	0.5	500	102%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	125.62879	5.0251516		5	0	0	0.0996	0.5	500	101%	80	120	0%	
1,3-Dichloropropane	A	ug/L	126.71311	5.0685244		5	0	0	0.106	0.5	500	101%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	123.23206	4.9292824		5	0	0	0.0858	0.5	500	99%	80	120	0%	
2,2-Dichloropropane	A	ug/L	129.24893	5.1699572		5	0	0	0.196	0.5	500	103%	80	120	0%	
2-Chlorotoluene	A	ug/L	129.71309	5.1885236		5	0	0	0.0876	0.5	500	104%	80	120	0%	
4-Chlorotoluene	A	ug/L	129.77987	5.1911948		5	0	0	0.0912	0.5	500	104%	80	120	0%	
Benzene	A	ug/L	127.80518	5.1122072		5	0	0	0.119	0.5	500	102%	80	120	0%	
Bromobenzene	A	ug/L	125.0495	5.00198		5	0	0	0.115	0.5	500	100%	80	120	0%	
Bromochloromethane	A	ug/L	124.06946	4.9627784		5	0	0	0.176	0.5	500	99%	80	120	0%	
Bromodichloromethane	A	ug/L	124.93377	4.9973508		5	0	0	0.155	0.5	500	100%	80	120	0%	
Bromoform	A	ug/L	123.37883	4.9351532		5	0	0	0.119	0.5	500	99%	80	120	0%	
Bromomethane	A	ug/L	132.39676	5.2958704		5	0	0	0.253	0.5	500	106%	80	120	0%	
Carbon tetrachloride	A	ug/L	120.16179	4.8064716		5	0	0	0.165	0.5	500	96%	80	120	0%	
Chlorobenzene	A	ug/L	123.85814	4.9543256		5	0	0	0.12	0.5	500	99%	80	120	0%	
Chlorodibromomethane	A	ug/L	127.28967	5.0915868		5	0	0	0.0841	0.5	500	102%	80	120	0%	
Chloroethane	A	ug/L	120.64469	4.8257876		5	0	0	0.169	0.5	500	97%	80	120	0%	
Chloroform	A	ug/L	123.67911	4.9471644		5	0	0	0.0789	0.5	500	99%	80	120	0%	
Chloromethane	A	ug/L	124.09148	4.9636592		5	0	0	0.191	0.5	500	99%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	124.02791	4.9611164		5	0	0	0.167	0.5	500	99%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	128.39049	5.1356196		5	0	0	0.0943	0.5	500	103%	80	120	0%	
Dibromomethane	A	ug/L	122.92639	4.9170556		5	0	0	0.162	0.5	500	98%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	127.99993	5.1199972		5	0	0	0.175	0.5	500	102%	80	120	0%	
Ethylbenzene	A	ug/L	126.35672	5.0542688		5	0	0	0.0912	0.5	500	101%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909388	CCV120521_	VOC-8260-W-Q	CCV	\5975C\VG120521	12/5/2021 11:54:	1	R371393		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	258.17486	10.3269944		10	0	0	0.165	0.5	1000	103%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1348.61622	53.9446488		50	0	0	2.22	10	5000	108%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	126.85274	5.0741096		5	0	0	0.119	0.5	500	101%	80	120	0%	
Methylene chloride	A	ug/L	122.27496	4.8909984		5	0	0	0.134	0.5	500	98%	80	120	0%	
o-Xylene	A	ug/L	127.21925	5.08877		5	0	0	0.0604	0.5	500	102%	80	120	0%	
Styrene	A	ug/L	129.89349	5.1957396		5	0	0	0.067	0.5	500	104%	80	120	0%	
Tetrachloroethene	A	ug/L	120.12412	4.8049648		5	0	0	0.0671	0.5	500	96%	80	120	0%	
Toluene	A	ug/L	125.75794	5.0303176		5	0	0	0.075	0.5	500	101%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	122.86921	4.9147684		5	0	0	0.151	0.5	500	98%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	127.876	5.11504		5	0	0	0.0846	0.5	500	102%	80	120	0%	
Trichloroethene	A	ug/L	122.4949	4.899796		5	0	0	0.0993	0.5	500	98%	80	120	0%	
Trichlorofluoromethane	A	ug/L	121.75893	4.8703572		5	0	0	0.134	0.5	500	97%	80	120	0%	
Vinyl chloride	A	ug/L	121.08672	4.8434688		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	385.39411	15.4157644		15	0	0	0.0604	0.5	1500	103%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	257.89478	10.3157912		10	0	0	0.0848	0.5	500	103%	80	120	0%	
Dibromofluoromethane	S	ug/L	261.98941	10.4795764		10	0	0	0.129	0.5	500	105%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	262.76425	10.51057		10	0	0	0.149	0.5	500	105%	80	120	0%	
Toluene-d8	S	ug/L	265.38391	10.6153564		10	0	0	0.0617	0.5	500	106%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909389	LCS120521_	VOC-8260-W-Q	LCS-DOD	\5975C\VG120521	12/5/2021 12:30:	1	R371393		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	124.01323	4.9605292		5	0	0	0.107	0.5	500	99%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	116.9537	4.678148		5	0	0	0.131	0.5	500	94%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	125.34257	5.0137028		5	0	0	0.0872	0.5	500	100%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	126.15448	5.0461792		5	0	0	0.108	0.5	500	101%	80	119	0%	
1,1-Dichloroethane	A	ug/L	124.97779	4.9991116		5	0	0	0.176	0.5	500	100%	77	125	0%	
1,1-Dichloroethene	A	ug/L	118.90957	4.7563828		5	0	0	0.145	0.5	500	95%	71	131	0%	
1,1-Dichloropropene	A	ug/L	113.43176	4.5372704		5	0	0	0.083	0.5	500	91%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	116.21816	4.6487264		5	0	0	0.385	0.5	500	93%	73	125	0%	
1,2-Dibromoethane	A	ug/L	124.97647	4.9990588		5	0	0	0.143	0.5	500	100%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14909389	LCS120521_	VOC-8260-W-Q	LCS-DOD	\5975C\VG120521	2/5/2021 12:30:	1	R371393		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	130.63342	5.2253368		5	0	0	0.0858	0.5	500	105%	80	119	0%	
1,2-Dichloroethane	A	ug/L	122.88872	4.9155488		5	0	0	0.156	0.5	500	98%	73	128	0%	
1,2-Dichloropropane	A	ug/L	126.96238	5.0784952		5	0	0	0.0893	0.5	500	102%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	130.31478	5.2125912		5	0	0	0.0996	0.5	500	104%	80	119	0%	
1,3-Dichloropropane	A	ug/L	123.26993	4.9307972		5	0	0	0.106	0.5	500	99%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	127.65843	5.1063372		5	0	0	0.0858	0.5	500	102%	79	118	0%	
2,2-Dichloropropane	A	ug/L	124.97151	4.9988604		5	0	0	0.196	0.5	500	100%	60	139	0%	
2-Chlorotoluene	A	ug/L	131.3274	5.253096		5	0	0	0.0876	0.5	500	105%	79	122	0%	
4-Chlorotoluene	A	ug/L	131.58991	5.2635964		5	0	0	0.0912	0.5	500	105%	78	122	0%	
Benzene	A	ug/L	124.20591	4.9682364		5	0	0	0.119	0.5	500	99%	79	120	0%	
Bromobenzene	A	ug/L	128.87674	5.1550696		5	0	0	0.115	0.5	500	103%	80	120	0%	
Bromochloromethane	A	ug/L	123.25435	4.930174		5	0	0	0.176	0.5	500	99%	78	123	0%	
Bromodichloromethane	A	ug/L	126.21215	5.048486		5	0	0	0.155	0.5	500	101%	79	125	0%	
Bromoform	A	ug/L	130.63751	5.2255004		5	0	0	0.119	0.5	500	105%	66	130	0%	
Bromomethane	A	ug/L	134.4346	5.377384		5	0	0	0.253	0.5	500	108%	53	141	0%	
Carbon tetrachloride	A	ug/L	113.81708	4.5526832		5	0	0	0.165	0.5	500	91%	72	136	0%	
Chlorobenzene	A	ug/L	128.3737	5.134948		5	0	0	0.12	0.5	500	103%	82	118	0%	
Chlorodibromomethane	A	ug/L	124.01496	4.9605984		5	0	0	0.0841	0.5	500	99%	74	126	0%	
Chloroethane	A	ug/L	122.74665	4.909866		5	0	0	0.169	0.5	500	98%	60	138	0%	
Chloroform	A	ug/L	118.80829	4.7523316		5	0	0	0.0789	0.5	500	95%	79	124	0%	
Chloromethane	A	ug/L	123.40357	4.9361428		5	0	0	0.191	0.5	500	99%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	121.92468	4.8769872		5	0	0	0.167	0.5	500	98%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	120.39746	4.8158984		5	0	0	0.0943	0.5	500	96%	75	124	0%	
Dibromomethane	A	ug/L	123.88457	4.9553828		5	0	0	0.162	0.5	500	99%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	124.77428	4.9909712		5	0	0	0.175	0.5	500	100%	32	152	0%	
Ethylbenzene	A	ug/L	126.79362	5.0717448		5	0	0	0.0912	0.5	500	101%	79	121	0%	
m+p-Xylenes	A	ug/L	253.16133	10.1264532		10	0	0	0.165	0.5	1000	101%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1284.05112	51.3620448		50	0	0	2.22	10	5000	103%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	133.27105	5.330842		5	0	0	0.119	0.5	500	107%	71	124	0%	
Methylene chloride	A	ug/L	115.26335	4.610534		5	0	0	0.134	0.5	500	92%	74	124	0%	
o-Xylene	A	ug/L	130.55304	5.2221216		5	0	0	0.0604	0.5	500	104%	78	122	0%	
Styrene	A	ug/L	135.2117	5.408468		5	0	0	0.067	0.5	500	108%	78	123	0%	
Tetrachloroethene	A	ug/L	120.39167	4.8156668		5	0	0	0.0671	0.5	500	96%	74	129	0%	
Toluene	A	ug/L	128.18305	5.127322		5	0	0	0.075	0.5	500	103%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	123.09978	4.9239912		5	0	0	0.151	0.5	500	98%	75	124	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909389	LCS120521_	VOC-8260-W-Q	LCS-DOD	\5975C\VG12052	12/5/2021 12:30:	1	R371393		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	128.11702	5.1246808		5	0	0	0.0846	0.5	500	102%	73	127	0%	
Trichloroethene	A	ug/L	119.35275	4.77411		5	0	0	0.0993	0.5	500	95%	79	123	0%	
Trichlorofluoromethane	A	ug/L	120.25906	4.8103624		5	0	0	0.134	0.5	500	96%	65	141	0%	
Vinyl chloride	A	ug/L	122.0722	4.882888		5	0	0	0.153	0.5	500	98%	58	137	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	383.71437	15.3485748		15	0	0	0.0604	0.5	1500	102%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	252.17043	10.0868172		10	0	0	0.0848	0.5	500	101%	81	118	0%	
Dibromofluoromethane	S	ug/L	260.96158	10.4384632		10	0	0	0.129	0.5	500	104%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	261.56035	10.462414		10	0	0	0.149	0.5	500	105%	85	114	0%	
Toluene-d8	S	ug/L	267.93663	10.7174652		10	0	0	0.0617	0.5	500	107%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909390	MBLK120521_	VOC-8260-W-Q	MBLK	\5975C\VG12052	12/5/2021 1:24:4	1	R371393		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	0.107	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	0.176	0.5	500	0%	0	0	0%	
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.145	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	0.385	0.5	500	0%	0	0	0%	
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.156	0.5	500	0%	0	0	0%	
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0893	0.5	500	0%	0	0	0%	
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0996	0.5	500	0%	0	0	0%	
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.106	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	0.196	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	0.0912	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
14909390	MBLK120521_	VOC-8260-W-Q	MBLK	\5975C\VG12052	12/5/2021 1:24:4	1	R371393		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	0.119	0.5	500	0%	0	0	0%	
Bromobenzene	A	ug/L	0	0		0	0	0	0.115	0.5	500	0%	0	0	0%	
Bromochloromethane	A	ug/L	0	0		0	0	0	0.176	0.5	500	0%	0	0	0%	
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.155	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	3.75551	0		0	0	0	0.253	0.5	500	0%	0	0	0%	
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.165	0.5	500	0%	0	0	0%	
Chlorobenzene	A	ug/L	0	0		0	0	0	0.12	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	0.27114	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	
Chloromethane	A	ug/L	0.18472	0		0	0	0	0.191	0.5	500	0%	0	0	0%	
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.167	0.5	500	0%	0	0	0%	
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0943	0.5	500	0%	0	0	0%	
Dibromomethane	A	ug/L	0	0		0	0	0	0.162	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	0.0912	0.5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	0.24335	0		0	0	0	0.165	0.5	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	2.22	10	5000	0%	0	0	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Methylene chloride	A	ug/L	1.05523	0		0	0	0	0.134	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	0.08462	0		0	0	0	0.075	0.5	500	0%	0	0	0%	
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.151	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	0.24335	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	262.27367	10.4909468		10	0	0	0.0848	0.5	500	105%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909390	MBLK120521_	VOC-8260-W-Q	MBLK	\5975C\VG12052	12/5/2021 1:24:4	1	R371393		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	261.93984	10.4775936		10	0	0	0.129	0.5	500	105%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.7312	10.549248		10	0	0	0.149	0.5	500	105%	85	114	0%	
Toluene-d8	S	ug/L	259.10901	10.3643604		10	0	0	0.0617	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
14909391	B21112214-003	VOC-8260-W-S	SAMP	\5975C\VG12052	12/5/2021 1:52:0	1	R371393		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	0.107	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	0.176	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.145	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	0.385	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.156	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0893	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0996	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.106	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	0.196	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	0.0912	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0.08555	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.115	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.176	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.155	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	3.87239	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.165	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.12	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
14909391	B21112214-003	VOC-8260-W-S	SAMP	\5975C\VG12052	12/5/2021 1:52:0	1	R371393		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	0.55481	0		0	0	0	0.191	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.167	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0943	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.162	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	0.14855	0		0	0	0	0.0912	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0.48257	0		0	0	0	0.165	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	2.22	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.54996	0		0	0	0	0.134	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	0.78714	0		0	0	0	0.075	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.151	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	0.48257	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	258.1849	10.327396		10	0	0	0.0848	1	500	103%	81	118	0%	
Dibromofluoromethane	S	ug/L	262.18399	10.4873596		10	0	0	0.129	1	500	105%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	269.30733	10.7722932		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	260.05959	10.4023836		10	0	0	0.0617	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
14909392	B21112214-002	VOC-8260-W-S	SAMP	\5975C\VG12052	12/5/2021 2:19:2	2	R371393		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
14909392	B21112214-002	VOC-8260-W-S	SAMP	\5975C\VG12052	12/5/2021 2:19:2	2	R371393		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	0.214	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.262	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.1744	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.216	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.352	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.29	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.166	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.77	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.286	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.1716	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.312	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.1786	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.1992	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.212	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.1716	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.392	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.1752	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.1824	1	500	0%	0	0	0%	U
Benzene	A	ug/L	1.90549	0		0	0	0	0.238	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.23	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.352	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.31	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	2.15748	0		0	0	0	0.238	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.506	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.33	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.24	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.1682	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	1.20476	0		0	0	0	0.1578	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.44675	0		0	0	0	0.382	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.334	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.1886	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.324	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.35	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	75.25241	6.0201928		0	0	0	0.1824	1	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
14909392	B21112214-002	VOC-8260-W-S	SAMP	\5975C\VG12052	12/5/2021 2:19:2	2	R371393		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	0	0		0	0	0	4.44	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	2.15401	0		0	0	0	0.238	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	4.01175	0.32094		0	0	0	0.268	1	500	0%	0	0	0%	J
Styrene	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.1342	1	500	0%	0	0	0%	U
Toluene	A	ug/L	58.64402	4.6915216		0	0	0	0.15	1	500	0%	0	0	0%	
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.302	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.1692	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.1986	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.268	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.306	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	20		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	20		0	0	0	0.2	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	20		0	0	0	0.2	0	0	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	261.05703	20.8845624		20	0	0	0.1696	1	500	104%	81	118	0%	
Dibromofluoromethane	S	ug/L	267.34615	21.387692		20	0	0	0.258	1	500	107%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	267.80151	21.4241208		20	0	0	0.298	1	500	107%	85	114	0%	
Toluene-d8	S	ug/L	258.58861	20.6870888		20	0	0	0.1234	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
14909393	B21112214-002	VOC-8260-W-S	SAMP	\5975C\VG12052	12/5/2021 3:41:1	10	R371393		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	63.94588	25.578352		0	0	0	1.65	5	1000	0%	0	0	0%	
o-Xylene	A	ug/L	112.62857	45.051428		0	0	0	0.604	5	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	176.57445	70.62978		0	0	0	0.604	5	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909394	B21112214-002	VOC-8260-W-Q	SAMP	\5975C\VG12052	12/5/2021 3:41:1	10	R371393		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	1.07	5	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	1.31	5	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.872	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
14909394	B21112214-002	VOC-8260-W-Q	SAMP	\5975C\VG12052	12/5/2021 3:41:1	10	R371393		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	1.08	5	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	1.76	5	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	1.45	5	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.83	5	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	3.85	5	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	1.43	5	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.858	5	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	1.56	5	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.893	5	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.996	5	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	1.06	5	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.858	5	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	1.96	5	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.876	5	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.912	5	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	1.19	5	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	1.15	5	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	1.76	5	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	1.55	5	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	1.19	5	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	2.53	5	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	1.65	5	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	1.2	5	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.841	5	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	1.69	5	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.789	5	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	1.91	5	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	1.67	5	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.943	5	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	1.62	5	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	1.75	5	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	14.15851	5.663404		0	0	0	0.912	5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	63.94588	25.578352		0	0	0	1.65	5	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	22.2	100	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	1.19	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
14909394	B21112214-002	VOC-8260-W-Q	SAMP	\5975C\VG12052	12/5/2021 3:41:1	10	R371393		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Methylene chloride	A	ug/L	0	0		0	0	0	1.34	5	500	0%	0	0	0%	U
o-Xylene	A	ug/L	112.62857	45.051428		0	0	0	0.604	5	500	0%	0	0	0%	
Styrene	A	ug/L	0	0		0	0	0	0.67	5	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.671	5	500	0%	0	0	0%	U
Toluene	A	ug/L	10.92682	4.370728		0	0	0	0.75	5	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	1.51	5	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.846	5	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.993	5	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	1.34	5	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	1.53	5	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	176.57445	70.62978		0	0	0	0.604	5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	258.89097	103.556388		100	0	0	0.848	5	500	104%	81	118	0%	
Dibromofluoromethane	S	ug/L	260.37721	104.150884		100	0	0	1.29	5	500	104%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	260.93834	104.375336		100	0	0	1.49	5	500	104%	85	114	0%	
Toluene-d8	S	ug/L	263.78129	105.512516		100	0	0	0.617	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
14909395	B21112214-002	VOC-8260-W-Q	MS-DOD	\5975C\VG12052	12/5/2021 4:08:3	10	R371393		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	114.0247	45.60988		50	0	0	1.07	5	500	91%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	114.38238	45.752952		50	0	0	1.31	5	500	92%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	120.84512	48.338048		50	0	0	0.872	5	500	97%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	114.84004	45.936016		50	0	0	1.08	5	500	92%	80	119	0%	
1,1-Dichloroethane	A	ug/L	119.54174	47.816696		50	0	0	1.76	5	500	96%	77	125	0%	
1,1-Dichloroethene	A	ug/L	114.93546	45.974184		50	0	0	1.45	5	500	92%	71	131	0%	
1,1-Dichloropropene	A	ug/L	112.36378	44.945512		50	0	0	0.83	5	500	90%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	114.46016	45.784064		50	0	0	3.85	5	500	92%	73	125	0%	
1,2-Dibromoethane	A	ug/L	117.65164	47.060656		50	0	0	1.43	5	500	94%	78	122	0%	
1,2-Dichlorobenzene	A	ug/L	126.21064	50.484256		50	0	0	0.858	5	500	101%	80	119	0%	
1,2-Dichloroethane	A	ug/L	116.40157	46.560628		50	0	0	1.56	5	500	93%	73	128	0%	
1,2-Dichloropropane	A	ug/L	119.65914	47.863656		50	0	0	0.893	5	500	96%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909395	B21112214-002	VOC-8260-W-Q	MS-DOD	\5975C\VG12052	12/5/2021 4:08:3	10	R371393		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,3-Dichlorobenzene	A	ug/L	129.29789	51.719156		50	0	0	0.996	5	500	103%	80	119	0%	
1,3-Dichloropropane	A	ug/L	115.55304	46.221216		50	0	0	1.06	5	500	92%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	122.74598	49.098392		50	0	0	0.858	5	500	98%	79	118	0%	
2,2-Dichloropropane	A	ug/L	118.05324	47.221296		50	0	0	1.96	5	500	94%	60	139	0%	
2-Chlorotoluene	A	ug/L	132.12387	52.849548		50	0	0	0.876	5	500	106%	79	122	0%	
4-Chlorotoluene	A	ug/L	144.98949	57.995796		50	0	0	0.912	5	500	116%	78	122	0%	
Benzene	A	ug/L	118.09704	47.238816		50	0	0	1.19	5	500	94%	79	120	0%	
Bromobenzene	A	ug/L	124.28053	49.712212		50	0	0	1.15	5	500	99%	80	120	0%	
Bromochloromethane	A	ug/L	115.94218	46.376872		50	0	0	1.76	5	500	93%	78	123	0%	
Bromodichloromethane	A	ug/L	116.91356	46.765424		50	0	0	1.55	5	500	94%	79	125	0%	
Bromoform	A	ug/L	123.73319	49.493276		50	0	0	1.19	5	500	99%	66	130	0%	
Bromomethane	A	ug/L	137.38772	54.955088		50	0	0	2.53	5	500	110%	53	141	0%	
Carbon tetrachloride	A	ug/L	113.56009	45.424036		50	0	0	1.65	5	500	91%	72	136	0%	
Chlorobenzene	A	ug/L	119.95973	47.983892		50	0	0	1.2	5	500	96%	82	118	0%	
Chlorodibromomethane	A	ug/L	114.48068	45.792272		50	0	0	0.841	5	500	92%	74	126	0%	
Chloroethane	A	ug/L	119.68976	47.875904		50	0	0	1.69	5	500	96%	60	138	0%	
Chloroform	A	ug/L	112.35021	44.940084		50	0	0	0.789	5	500	90%	79	124	0%	
Chloromethane	A	ug/L	112.03364	44.813456		50	0	0	1.91	5	500	90%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	118.46392	47.385568		50	0	0	1.67	5	500	95%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	115.29598	46.118392		50	0	0	0.943	5	500	92%	75	124	0%	
Dibromomethane	A	ug/L	118.18091	47.272364		50	0	0	1.62	5	500	95%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	156.49921	62.599684		50	0	0	1.75	5	500	125%	32	152	0%	
Ethylbenzene	A	ug/L	137.90258	55.161032		50	5.663404	0	0.912	5	500	99%	79	121	0%	
m+p-Xylenes	A	ug/L	312.7354	125.09416		100	25.578352	0	1.65	5	1000	100%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1260.32055	504.12822		500	0	0	22.2	100	5000	101%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	120.43349	48.173396		50	0	0	1.19	5	500	96%	71	124	0%	
Methylene chloride	A	ug/L	112.22227	44.888908		50	0	0	1.34	5	500	90%	74	124	0%	
o-Xylene	A	ug/L	238.47523	95.390092		50	45.051428	0	0.604	5	500	101%	78	122	0%	
Styrene	A	ug/L	130.64273	52.257092		50	0	0	0.67	5	500	105%	78	123	0%	
Tetrachloroethene	A	ug/L	119.198	47.6792		50	0	0	0.671	5	500	95%	74	129	0%	
Toluene	A	ug/L	134.54855	53.81942		50	4.370728	0	0.75	5	500	99%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	118.61619	47.446476		50	0	0	1.51	5	500	95%	75	124	0%	
trans-1,3-Dichloropropene	A	ug/L	118.18829	47.275316		50	0	0	0.846	5	500	95%	73	127	0%	
Trichloroethene	A	ug/L	115.18758	46.075032		50	0	0	0.993	5	500	92%	79	123	0%	
Trichlorofluoromethane	A	ug/L	121.39355	48.55742		50	0	0	1.34	5	500	97%	65	141	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14909395	B21112214-002	VOC-8260-W-Q	MS-DOD	\5975C\VG12052	12/5/2021 4:08:3	10	R371393		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Vinyl chloride	A	ug/L	126.25769	50.503076		50	0	0	1.53	5	500	101%	58	137	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	551.21063	220.484252		150	70.62978	0	0.604	5	1500	100%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	254.90753	101.963012		100	0	0	0.848	5	500	102%	81	118	0%	
Dibromofluoromethane	S	ug/L	254.25208	101.700832		100	0	0	1.29	5	500	102%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	265.91925	106.3677		100	0	0	1.49	5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	259.70838	103.883352		100	0	0	0.617	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
14909396	B21112214-002	VOC-8260-W-Q	MSD-DOD	\5975C\VG12052	12/5/2021 4:35:5	10	R371393		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	121.97413	48.789652		50	0	45.60988	1.07	5	500	98%	78	124	7%	
1,1,1-Trichloroethane	A	ug/L	125.22057	50.088228		50	0	45.752952	1.31	5	500	100%	74	131	9%	
1,1,2,2-Tetrachloroethane	A	ug/L	129.54311	51.817244		50	0	48.338048	0.872	5	500	104%	71	121	7%	
1,1,2-Trichloroethane	A	ug/L	127.93255	51.17302		50	0	45.936016	1.08	5	500	102%	80	119	11%	
1,1-Dichloroethane	A	ug/L	128.07195	51.22878		50	0	47.816696	1.76	5	500	102%	77	125	7%	
1,1-Dichloroethene	A	ug/L	124.09631	49.638524		50	0	45.974184	1.45	5	500	99%	71	131	8%	
1,1-Dichloropropene	A	ug/L	120.67341	48.269364		50	0	44.945512	0.83	5	500	97%	79	125	7%	
1,2,3-Trichloropropane	A	ug/L	119.77463	47.909852		50	0	45.784064	3.85	5	500	96%	73	125	5%	
1,2-Dibromoethane	A	ug/L	124.45891	49.783564		50	0	47.060656	1.43	5	500	100%	78	122	6%	
1,2-Dichlorobenzene	A	ug/L	134.14452	53.657808		50	0	50.484256	0.858	5	500	107%	80	119	6%	
1,2-Dichloroethane	A	ug/L	121.97333	48.789332		50	0	46.560628	1.56	5	500	98%	73	128	5%	
1,2-Dichloropropane	A	ug/L	126.65728	50.662912		50	0	47.863656	0.893	5	500	101%	78	122	6%	
1,3-Dichlorobenzene	A	ug/L	136.07151	54.428604		50	0	51.719156	0.996	5	500	109%	80	119	5%	
1,3-Dichloropropane	A	ug/L	123.89452	49.557808		50	0	46.221216	1.06	5	500	99%	80	119	7%	
1,4-Dichlorobenzene	A	ug/L	130.5621	52.22484		50	0	49.098392	0.858	5	500	104%	79	118	6%	
2,2-Dichloropropane	A	ug/L	127.45785	50.98314		50	0	47.221296	1.96	5	500	102%	60	139	8%	
2-Chlorotoluene	A	ug/L	138.61318	55.445272		50	0	52.849548	0.876	5	500	111%	79	122	5%	
4-Chlorotoluene	A	ug/L	151.40143	60.560572		50	0	57.995796	0.912	5	500	121%	78	122	4%	
Benzene	A	ug/L	126.99867	50.799468		50	0	47.238816	1.19	5	500	102%	79	120	7%	
Bromobenzene	A	ug/L	131.16605	52.46642		50	0	49.712212	1.15	5	500	105%	80	120	5%	
Bromochloromethane	A	ug/L	122.93742	49.174968		50	0	46.376872	1.76	5	500	98%	78	123	6%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist				
14909396	B21112214-002	VOC-8260-W-Q	MSD-DOD	\5975C\VG12052	12/5/2021 4:35:5	10	R371393		1E+07	1E+07					

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Bromodichloromethane	A	ug/L	121.94418	48.777672		50	0	46.765424	1.55	5	500	98%	79	125	4%	
Bromoform	A	ug/L	128.65519	51.462076		50	0	49.493276	1.19	5	500	103%	66	130	4%	
Bromomethane	A	ug/L	147.45512	58.982048		50	0	54.955088	2.53	5	500	118%	53	141	7%	
Carbon tetrachloride	A	ug/L	122.94505	49.17802		50	0	45.424036	1.65	5	500	98%	72	136	8%	
Chlorobenzene	A	ug/L	127.40484	50.961936		50	0	47.983892	1.2	5	500	102%	82	118	6%	
Chlorodibromomethane	A	ug/L	126.65931	50.663724		50	0	45.792272	0.841	5	500	101%	74	126	10%	
Chloroethane	A	ug/L	118.40585	47.36234		50	0	47.875904	1.69	5	500	95%	60	138	1%	
Chloroform	A	ug/L	120.48131	48.192524		50	0	44.940084	0.789	5	500	96%	79	124	7%	
Chloromethane	A	ug/L	112.52524	45.010096		50	0	44.813456	1.91	5	500	90%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	127.56271	51.025084		50	0	47.385568	1.67	5	500	102%	78	123	7%	
cis-1,3-Dichloropropene	A	ug/L	120.42982	48.171928		50	0	46.118392	0.943	5	500	96%	75	124	4%	
Dibromomethane	A	ug/L	125.71548	50.286192		50	0	47.272364	1.62	5	500	101%	79	123	6%	
Dichlorodifluoromethane	A	ug/L	158.02428	63.209712		50	0	62.599684	1.75	5	500	126%	32	152	1%	
Ethylbenzene	A	ug/L	143.72453	57.489812		50	5.663404	55.161032	0.912	5	500	104%	79	121	4%	
m+p-Xylenes	A	ug/L	323.86078	129.544312		100	25.578352	125.09416	1.65	5	1000	104%	80	121	3%	
Methyl ethyl ketone	A	ug/L	1347.45854	538.983416		500	0	504.12822	22.2	100	5000	108%	56	143	7%	
Methyl tert-butyl ether (MTBE)	A	ug/L	131.34033	52.536132		50	0	48.173396	1.19	5	500	105%	71	124	9%	
Methylene chloride	A	ug/L	117.96427	47.185708		50	0	44.888908	1.34	5	500	94%	74	124	5%	
o-Xylene	A	ug/L	242.3337	96.93348		50	45.051428	95.390092	0.604	5	500	104%	78	122	2%	
Styrene	A	ug/L	137.81626	55.126504		50	0	52.257092	0.67	5	500	110%	78	123	5%	
Tetrachloroethene	A	ug/L	127.11672	50.846688		50	0	47.6792	0.671	5	500	102%	74	129	6%	
Toluene	A	ug/L	140.22051	56.088204		50	4.370728	53.81942	0.75	5	500	103%	80	121	4%	
trans-1,2-Dichloroethene	A	ug/L	126.56952	50.627808		50	0	47.446476	1.51	5	500	101%	75	124	6%	
trans-1,3-Dichloropropene	A	ug/L	129.32236	51.728944		50	0	47.275316	0.846	5	500	103%	73	127	9%	
Trichloroethene	A	ug/L	121.18953	48.475812		50	0	46.075032	0.993	5	500	97%	79	123	5%	
Trichlorofluoromethane	A	ug/L	126.89882	50.759528		50	0	48.55742	1.34	5	500	102%	65	141	4%	
Vinyl chloride	A	ug/L	130.29244	52.116976		50	0	50.503076	1.53	5	500	104%	58	137	3%	
1,4-Dichlorobenzene-d4	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	100		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	566.19448	226.477792		150	70.62978	220.48425	0.604	5	1500	104%	79	121	3%	
1,2-Dichloroethane-d4	S	ug/L	255.21272	102.085088		100	0	0	0.848	5	500	102%	81	118	0%	
Dibromofluoromethane	S	ug/L	255.13645	102.05458		100	0	0	1.29	5	500	102%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	266.49889	106.599556		100	0	0	1.49	5	500	107%	85	114	0%	
Toluene-d8	S	ug/L	262.80166	105.120664		100	0	0	0.617	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	
14909397	CCV120521_Cl	VOC-8260-W-Q	CCV	\5975C\VG12052	12/5/2021 5:57:3	1	R371393		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	122.72671	4.9090684		5	0	0	0.107	0.5	500	98%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	125.88335	5.035334		5	0	0	0.131	0.5	500	101%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	125.14657	5.0058628		5	0	0	0.0872	0.5	500	100%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	129.72941	5.1891764		5	0	0	0.108	0.5	500	104%	50	150	0%	
1,1-Dichloroethane	A	ug/L	127.43109	5.0972436		5	0	0	0.176	0.5	500	102%	50	150	0%	
1,1-Dichloroethene	A	ug/L	126.5197	5.060788		5	0	0	0.145	0.5	500	101%	50	150	0%	
1,1-Dichloropropene	A	ug/L	130.64023	5.2256092		5	0	0	0.083	0.5	500	105%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	122.31409	4.8925636		5	0	0	0.385	0.5	500	98%	50	150	0%	
1,2-Dibromoethane	A	ug/L	128.842	5.15368		5	0	0	0.143	0.5	500	103%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	127.38537	5.0954148		5	0	0	0.0858	0.5	500	102%	50	150	0%	
1,2-Dichloroethane	A	ug/L	129.0666	5.162664		5	0	0	0.156	0.5	500	103%	50	150	0%	
1,2-Dichloropropane	A	ug/L	130.29274	5.2117096		5	0	0	0.0893	0.5	500	104%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	129.17848	5.1671392		5	0	0	0.0996	0.5	500	103%	50	150	0%	
1,3-Dichloropropane	A	ug/L	128.78667	5.1514668		5	0	0	0.106	0.5	500	103%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	125.5185	5.02074		5	0	0	0.0858	0.5	500	100%	50	150	0%	
2,2-Dichloropropane	A	ug/L	127.78179	5.1112716		5	0	0	0.196	0.5	500	102%	50	150	0%	
2-Chlorotoluene	A	ug/L	133.41838	5.3367352		5	0	0	0.0876	0.5	500	107%	50	150	0%	
4-Chlorotoluene	A	ug/L	131.82111	5.2728444		5	0	0	0.0912	0.5	500	105%	50	150	0%	
Benzene	A	ug/L	130.46582	5.2186328		5	0	0	0.119	0.5	500	104%	50	150	0%	
Bromobenzene	A	ug/L	128.00435	5.120174		5	0	0	0.115	0.5	500	102%	50	150	0%	
Bromochloromethane	A	ug/L	128.68761	5.1475044		5	0	0	0.176	0.5	500	103%	50	150	0%	
Bromodichloromethane	A	ug/L	124.64369	4.9857476		5	0	0	0.155	0.5	500	100%	50	150	0%	
Bromoform	A	ug/L	127.05825	5.08233		5	0	0	0.119	0.5	500	102%	50	150	0%	
Bromomethane	A	ug/L	129.51856	5.1807424		5	0	0	0.253	0.5	500	104%	50	150	0%	
Carbon tetrachloride	A	ug/L	125.84907	5.0339628		5	0	0	0.165	0.5	500	101%	50	150	0%	
Chlorobenzene	A	ug/L	126.74045	5.069618		5	0	0	0.12	0.5	500	101%	50	150	0%	
Chlorodibromomethane	A	ug/L	127.60132	5.1040528		5	0	0	0.0841	0.5	500	102%	50	150	0%	
Chloroethane	A	ug/L	118.34493	4.7337972		5	0	0	0.169	0.5	500	95%	50	150	0%	
Chloroform	A	ug/L	126.84252	5.0737008		5	0	0	0.0789	0.5	500	101%	50	150	0%	
Chloromethane	A	ug/L	119.66003	4.7864012		5	0	0	0.191	0.5	500	96%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	130.32542	5.2130168		5	0	0	0.167	0.5	500	104%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	128.73854	5.1495416		5	0	0	0.0943	0.5	500	103%	50	150	0%	
Dibromomethane	A	ug/L	126.44198	5.0576792		5	0	0	0.162	0.5	500	101%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	123.75671	4.9502684		5	0	0	0.175	0.5	500	99%	50	150	0%	
Ethylbenzene	A	ug/L	130.22765	5.209106		5	0	0	0.0912	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
14909397	CCV120521_Cl	VOC-8260-W-Q	CCV	\5975C\VG12052	12/5/2021 5:57:3	1	R371393		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	264.14802	10.5659208		10	0	0	0.165	0.5	1000	106%	50	150	0%	
Methyl ethyl ketone	A	ug/L	1184.01563	47.3606252		50	0	0	2.22	10	5000	95%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	128.454	5.13816		5	0	0	0.119	0.5	500	103%	50	150	0%	
Methylene chloride	A	ug/L	120.55183	4.8220732		5	0	0	0.134	0.5	500	96%	50	150	0%	
o-Xylene	A	ug/L	131.35492	5.2541968		5	0	0	0.0604	0.5	500	105%	50	150	0%	
Styrene	A	ug/L	133.0047	5.320188		5	0	0	0.067	0.5	500	106%	50	150	0%	
Tetrachloroethene	A	ug/L	125.66806	5.0267224		5	0	0	0.0671	0.5	500	101%	50	150	0%	
Toluene	A	ug/L	130.31187	5.2124748		5	0	0	0.075	0.5	500	104%	50	150	0%	
trans-1,2-Dichloroethene	A	ug/L	127.50895	5.100358		5	0	0	0.151	0.5	500	102%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	129.74322	5.1897288		5	0	0	0.0846	0.5	500	104%	50	150	0%	
Trichloroethene	A	ug/L	125.20733	5.0082932		5	0	0	0.0993	0.5	500	100%	50	150	0%	
Trichlorofluoromethane	A	ug/L	122.90079	4.9160316		5	0	0	0.134	0.5	500	98%	50	150	0%	
Vinyl chloride	A	ug/L	120.77746	4.8310984		5	0	0	0.153	0.5	500	97%	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	395.50294	15.8201176		15	0	0	0.0604	0.5	1500	105%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	250.99861	10.0399444		10	0	0	0.0848	0.5	500	100%	50	150	0%	
Dibromofluoromethane	S	ug/L	261.37259	10.4549036		10	0	0	0.129	0.5	500	105%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	265.21038	10.6084152		10	0	0	0.149	0.5	500	106%	50	150	0%	
Toluene-d8	S	ug/L	264.36442	10.5745768		10	0	0	0.0617	0.5	500	106%	50	150	0%	

```
Data file Name : C:\MSDCHEM\1\DATA\VG120521\05DEC01.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  5 Dec 2021  10:51 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\VG120521\05DEC02.D
Sample Name    : BFB120521_
Operator       : MSC
Date injected  :  5 Dec 2021  11:18 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\VG120521\05DEC03.D
Sample Name    : CCV120521_
Operator       : MSC
Date injected  :  5 Dec 2021  11:54 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\VG120521\05DEC04.D
Sample Name    : LCS120521_
Operator       : MSC
Date injected  :  5 Dec 2021  12:30 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 4
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120521\05DEC05.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  5 Dec 2021  12:57 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 5
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120521\05DEC06.D
Sample Name    : MBLK120521_
Operator       : MSC
```

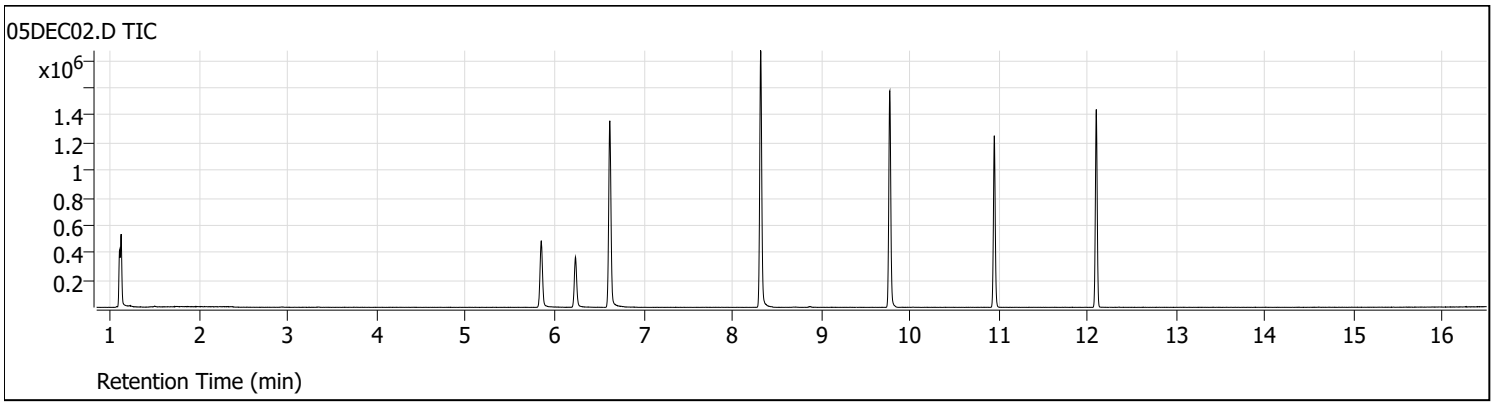
```
Date injected  :  5 Dec 2021   1:24 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 6
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120521\05DEC07.D
Sample Name    : B21112214-003A
Operator       : MSC
Date injected  :  5 Dec 2021   1:52 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\VG120521\05DEC08.D
Sample Name    : B21112214-002C
Misc. Info.    : 2x
Operator       : MSC
Date injected  :  5 Dec 2021   2:19 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\VG120521\05DEC09.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  5 Dec 2021   2:46 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\VG120521\05DEC10.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  5 Dec 2021   3:13 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\VG120521\05DEC11.D
Sample Name    : B21112214-002C
Misc. Info.    : 10x
Operator       : MSC
Date injected  :  5 Dec 2021   3:41 pm
```

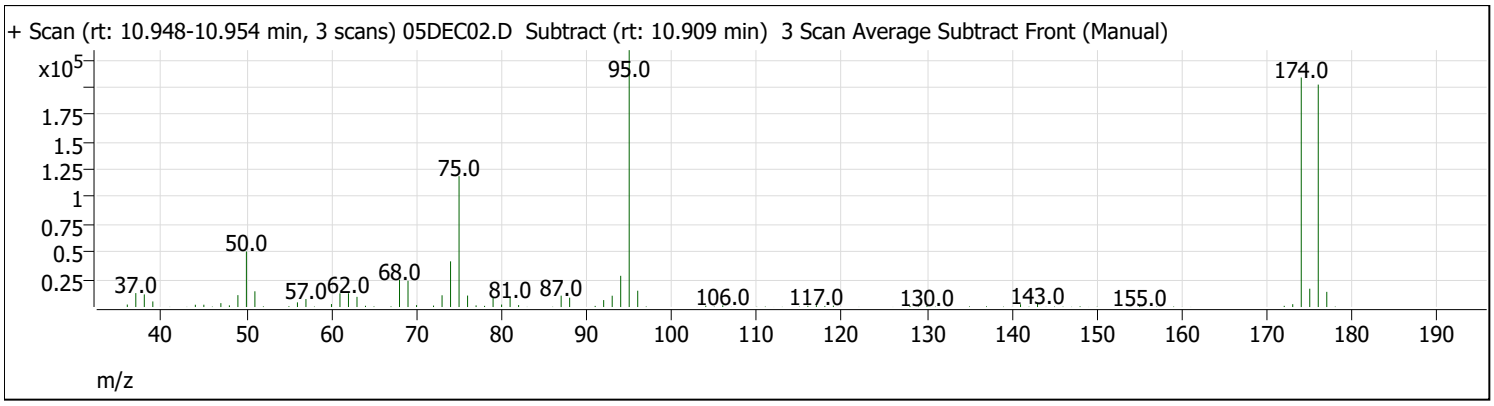
```
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 11
---------------------------------------------------------------

Data file Name : C:\MSDCHEM\1\DATA\VG120521\05DEC12.D
Sample Name    : B21112214-002CMS
Misc. Info.    : 10x
Operator       : MSC
Date injected  :  5 Dec 2021   4:08 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\VG120521\05DEC13.D
Sample Name    : B21112214-002CMSD
Misc. Info.    : 10x
Operator       : MSC
Date injected  :  5 Dec 2021   4:35 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\VG120521\05DEC14.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  5 Dec 2021   5:03 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\VG120521\05DEC15.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  5 Dec 2021   5:30 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\VG120521\05DEC16.D
Sample Name    : CCV120521_Closing
Operator       : MSC
Date injected  :  5 Dec 2021   5:57 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\VG120521\05DEC17.D
Sample Name    : BLK
Operator       : MSC
Date injected  :  5 Dec 2021   6:24 pm
Instrument     : VOA5975C
Method used    : 5975CACQF
No of spectra  : 5616
Start Time     : 0.840
End Time       : 16.498
Vial Number    : 17
---------------------------------------------------------------
```

Tune Evaluation Report

Data Path:	D:\Org\Data\VOA5975C\VG120521_L4\05DEC02.D
Acq on:	12/5/2021 11:18:31 AM
Operator:	MSC
Sample:	BFB120521_
Inst Name:	VOA5975C
ALS Vial:	2
Method:	\\MASSHUNTER\Org\Data\Methods\BFB3scans.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	21.6	50531	Pass
75	95	30	60	50.9	119037	Pass
95	95	100	100	100.0	233664	Pass
96	95	5	9	6.4	14845	Pass
173	174	0	2	1.2	2571	Pass
174	95	50	100	89.4	208789	Pass
175	174	5	9	8.0	16661	Pass
176	174	95	101	96.9	202325	Pass
177	176	5	9	6.8	13809	Pass

Continuing Calibration Report

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Batch Name D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin

Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL\VOA5975C_120421_8260B_SHT_CAL_LevelIV.m

Daily CC D:\Org\Data\VOA5975C\VG120521_L405DEC03.D

Level name	Injection Time	Calibration Files	
1	12/4/2021 1:03:05 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC04.D	
2	12/4/2021 1:30:23 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC05.D	
3	12/4/2021 1:57:47 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	
4	12/4/2021 2:25:15 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC07.D	
5	12/4/2021 3:20:02 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC09.D	
6	12/4/2021 4:14:52 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	
7	12/4/2021 5:09:43 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	
8	12/4/2021 6:04:36 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC15.D	
CC	12/5/2021 11:54:14 AM	D:\Org\Data\VOA5975C\VG120521_L4\05DEC03.D	<======

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	760576	763667	762474	99.84	M
Chlorobenzene-d5	290868	294369	290665	98.74	M
1,4-Dichlorobenzene-d4	231101	230654	232027	100.60	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3450	0.3533	125.00	128.00	-2.40	102.01	Avg RF
Chloromethane	0.3967	0.3938	125.00	124.09	0.73	102.27	Avg RF
Vinyl chloride	0.3785	0.3666	125.00	121.09	3.13	97.76	Avg RF
Bromomethane	0.9997	0.1598	125.00	132.40	-5.92	107.94	Quadratic
Chloroethane	0.2106	0.2033	125.00	120.64	3.48	99.48	Avg RF
Trichlorofluoromethane	0.4948	0.4819	125.00	121.76	2.59	96.51	Avg RF
1,1-Dichloroethene	0.2643	0.2522	125.00	119.27	4.59	94.02	Avg RF
Methylene chloride	0.3662	0.3582	125.00	122.27	2.18	99.48	Avg RF
trans-1,2-Dichloroethene	0.2639	0.2594	125.00	122.87	1.70	96.51	Avg RF
Methyl tert-butyl ether (MTBE)	0.3333	0.3383	125.00	126.85	-1.48	107.63	Avg RF
1,1-Dichloroethane	0.5015	0.4970	125.00	123.89	0.89	98.78	Avg RF
2,2-Dichloropropane	0.3720	0.3846	125.00	129.25	-3.40	100.99	Avg RF
cis-1,2-Dichloroethene	0.2706	0.2685	125.00	124.03	0.78	97.40	Avg RF
Methyl ethyl ketone	0.0348	0.0375 #	1250.00	1348.62	-7.89	109.54	Avg RF
Bromochloromethane	0.1034	0.1026	125.00	124.07	0.74	98.15	Avg RF
Chloroform	0.4812	0.4761	125.00	123.68	1.06	98.53	Avg RF
1,1,1-Trichloroethane	0.4640	0.4476	125.00	120.57	3.54	94.91	Avg RF
Dibromofluoromethane	0.2381	0.2495	250.00	261.99	-4.80	221.95	Avg RF
Carbon tetrachloride	0.4525	0.4350	125.00	120.16	3.87	93.24	Avg RF
1,1-Dichloropropene	0.4040	0.3945	125.00	122.04	2.37	93.39	Avg RF
1,2-Dichloroethane-d4	0.1095	0.1130	250.00	257.89	-3.16	216.81	Avg RF
Benzene	1.0283	1.0514	125.00	127.81	-2.24	100.01	Avg RF
1,2-Dichloroethane	0.2707	0.2745	125.00	126.79	-1.43	98.13	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.8102	0.7940	125.00	122.49	2.00	96.32	Avg RF
1,2-Dichloropropane	0.6735	0.6858	125.00	127.28	-1.83	100.44	Avg RF
Dibromomethane	0.2826	0.2780	125.00	122.93	1.66	99.64	Avg RF
Bromodichloromethane	0.7986	0.7982	125.00	124.93	0.05	101.29	Avg RF
cis-1,3-Dichloropropene	0.8806	0.9045	125.00	128.39	-2.71	102.75	Avg RF
Toluene-d8	2.4695	2.6215	250.00	265.38	-6.15	216.82	Avg RF
Toluene	1.6769	1.6871	125.00	125.76	-0.61	96.35	Avg RF
trans-1,3-Dichloropropene	0.6276	0.6420	125.00	127.88	-2.30	101.10	Avg RF
1,1,2-Trichloroethane	0.3261	0.3233	125.00	123.94	0.85	101.52	Avg RF
Tetrachloroethene	0.6712	0.6450	125.00	120.12	3.90	93.95	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6558	0.6648	125.00	126.71	-1.37	101.41	Avg RF
Chlorodibromomethane	0.4876	0.4966	125.00	127.29	-1.83	99.55	Avg RF
1,2-Dibromoethane	0.3504	0.3545	125.00	126.47	-1.18	99.74	Avg RF
Chlorobenzene	1.8221	1.8055	125.00	123.86	0.91	99.62	Avg RF
1,1,1,2-Tetrachloroethane	0.6390	0.6222	125.00	121.72	2.62	100.96	Avg RF
Ethylbenzene	3.1987	3.2334	125.00	126.36	-1.09	97.27	Avg RF
m+p-Xylenes	1.2369	1.2773	250.00	258.17	-3.27	98.22	Avg RF
o-Xylene	1.0994	1.1189	125.00	127.22	-1.78	99.07	Avg RF
Styrene	1.7662	1.8354	125.00	129.89	-3.91	97.46	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3129	0.3088	125.00	123.38	1.30	98.01	Avg RF
p-Bromofluorobenzene	0.9596	1.0086	250.00	262.76	-5.11	215.09	Avg RF
Bromobenzene	0.8518	0.8522	125.00	125.05	-0.04	98.50	Avg RF
1,1,2,2-Tetrachloroethane	0.5025	0.4959	125.00	123.37	1.30	102.19	Avg RF
1,2,3-Trichloropropane	0.1332	0.1239	125.00	116.27	6.99	97.10	Avg RF
2-Chlorotoluene	0.8366	0.8681	125.00	129.71	-3.77	97.22	Avg RF
4-Chlorotoluene	2.8379	2.9465	125.00	129.78	-3.82	98.05	Avg RF
1,3-Dichlorobenzene	1.5306	1.5383	125.00	125.63	-0.50	99.47	Avg RF
1,4-Dichlorobenzene	1.5760	1.5537	125.00	123.23	1.41	97.24	Avg RF
1,2-Dichlorobenzene	1.2701	1.2749	125.00	125.47	-0.37	98.01	Avg RF

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

Continuing Calibration Report

Agilent | Trusted Answers

Batch Name D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin
Method File \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL\VOA5975C_120421_8260B_SHT_CAL_LevelIV.m
Daily CC D:\Org\Data\VOA5975C\VG120521_L405DEC16.D

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3	12/4/2021 1:57:47 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC06.D	
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6	12/4/2021 4:14:52 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC11.D	
7	12/4/2021 5:09:43 PM	D:\Org\Data\VOA5975C\VG120421_L4\04DEC13.D	
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ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	760576	763667	810709	106.16	M
Chlorobenzene-d5	290868	294369	310089	105.34	M
1,4-Dichlorobenzene-d4	231101	230654	248436	107.71	M

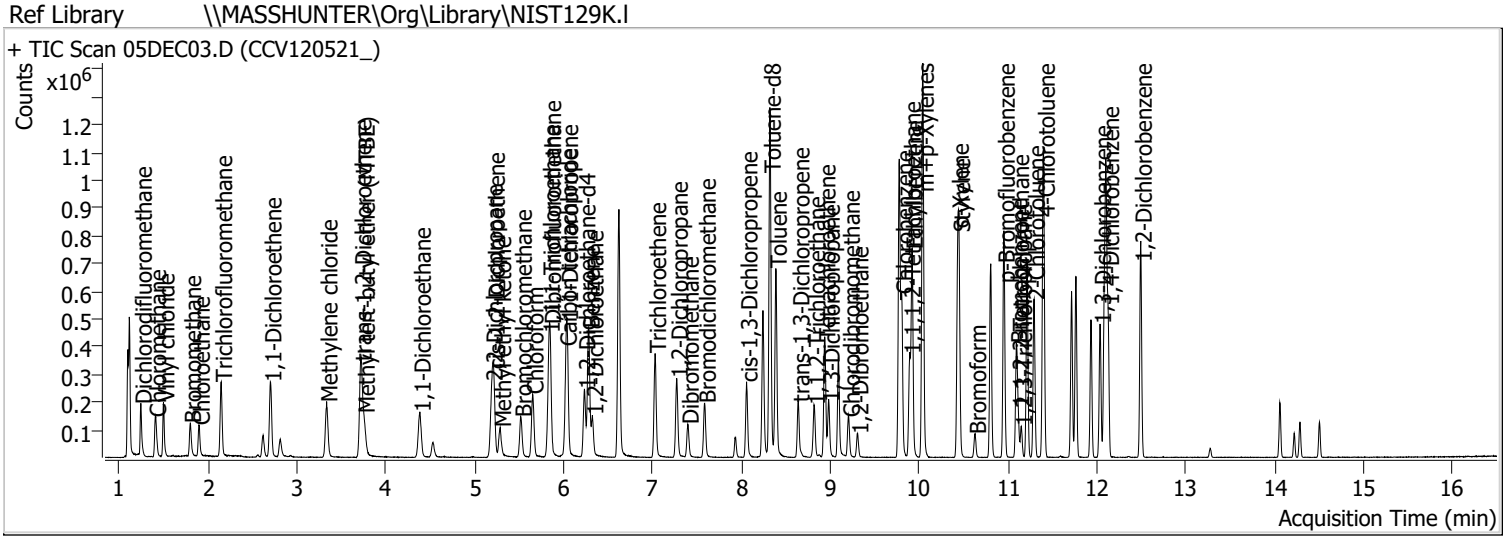
Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Fluorobenzene	----------ISTD----------						
Dichlorodifluoromethane	0.3450	0.3416	125.00	123.76	0.99	104.86	Avg RF
Chloromethane	0.3967	0.3797	125.00	119.66	4.27	104.86	Avg RF
Vinyl chloride	0.3785	0.3657	125.00	120.78	3.38	103.68	Avg RF
Bromomethane	0.9997	0.1561	125.00	129.52	-3.61	112.08	Quadratic
Chloroethane	0.2106	0.1994	125.00	118.34	5.32	103.76	Avg RF
Trichlorofluoromethane	0.4948	0.4865	125.00	122.90	1.68	103.58	Avg RF
1,1-Dichloroethene	0.2643	0.2675	125.00	126.52	-1.22	106.04	Avg RF
Methylene chloride	0.3662	0.3532	125.00	120.55	3.56	104.28	Avg RF
trans-1,2-Dichloroethene	0.2639	0.2692	125.00	127.51	-2.01	106.49	Avg RF
Methyl tert-butyl ether (MTBE)	0.3333	0.3425	125.00	128.45	-2.76	115.88	Avg RF
1,1-Dichloroethane	0.5015	0.5113	125.00	127.43	-1.94	108.03	Avg RF
2,2-Dichloropropane	0.3720	0.3802	125.00	127.78	-2.23	106.16	Avg RF
cis-1,2-Dichloroethene	0.2706	0.2821	125.00	130.33	-4.26	108.82	Avg RF
Methyl ethyl ketone	0.0348	0.0329 #	1250.00	1184.02	5.28	102.25	Avg RF
Bromochloromethane	0.1034	0.1064	125.00	128.69	-2.95	108.24	Avg RF
Chloroform	0.4812	0.4883	125.00	126.84	-1.47	107.44	Avg RF
1,1,1-Trichloroethane	0.4640	0.4673	125.00	125.88	-0.71	105.36	Avg RF
Dibromofluoromethane	0.2381	0.2489	250.00	261.37	-4.55	235.44	Avg RF
Carbon tetrachloride	0.4525	0.4556	125.00	125.85	-0.68	103.83	Avg RF
1,1-Dichloropropene	0.4040	0.4223	125.00	130.64	-4.51	106.30	Avg RF
1,2-Dichloroethane-d4	0.1095	0.1100	250.00	251.00	-0.40	224.36	Avg RF
Benzene	1.0283	1.0732	125.00	130.47	-4.37	108.55	Avg RF
1,2-Dichloroethane	0.2707	0.2795	125.00	129.07	-3.25	106.21	Avg RF
Chlorobenzene-d5	----------ISTD----------						
Trichloroethene	0.8102	0.8116	125.00	125.21	-0.17	105.03	Avg RF
1,2-Dichloropropane	0.6735	0.7020	125.00	130.29	-4.23	109.69	Avg RF
Dibromomethane	0.2826	0.2859	125.00	126.44	-1.15	109.34	Avg RF
Bromodichloromethane	0.7986	0.7964	125.00	124.64	0.29	107.80	Avg RF
cis-1,3-Dichloropropene	0.8806	0.9070	125.00	128.74	-2.99	109.92	Avg RF
Toluene-d8	2.4695	2.6114	250.00	264.36	-5.75	230.42	Avg RF
Toluene	1.6769	1.7482	125.00	130.31	-4.25	106.51	Avg RF
trans-1,3-Dichloropropene	0.6276	0.6514	125.00	129.74	-3.79	109.43	Avg RF
1,1,2-Trichloroethane	0.3261	0.3385	125.00	129.73	-3.78	113.37	Avg RF
Tetrachloroethene	0.6712	0.6748	125.00	125.67	-0.53	104.85	Avg RF

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6558	0.6757	125.00	128.79	-3.03	109.96	Avg RF
Chlorodibromomethane	0.4876	0.4978	125.00	127.60	-2.08	106.46	Avg RF
1,2-Dibromoethane	0.3504	0.3612	125.00	128.84	-3.07	108.40	Avg RF
Chlorobenzene	1.8221	1.8475	125.00	126.74	-1.39	108.75	Avg RF
1,1,1,2-Tetrachloroethane	0.6390	0.6273	125.00	122.73	1.82	108.59	Avg RF
Ethylbenzene	3.1987	3.3325	125.00	130.23	-4.18	106.95	Avg RF
m+p-Xylenes	1.2369	1.3069	250.00	264.15	-5.66	107.20	Avg RF
o-Xylene	1.0994	1.1553	125.00	131.35	-5.08	109.13	Avg RF
Styrene	1.7662	1.8793	125.00	133.00	-6.40	106.46	Avg RF
1,4-Dichlorobenzene-d4	----------ISTD----------						
Bromoform	0.3129	0.3181	125.00	127.06	-1.65	108.08	Avg RF
p-Bromofluorobenzene	0.9596	1.0179	250.00	265.21	-6.08	232.45	Avg RF
Bromobenzene	0.8518	0.8723	125.00	128.00	-2.40	107.96	Avg RF
1,1,2,2-Tetrachloroethane	0.5025	0.5031	125.00	125.15	-0.12	110.99	Avg RF
1,2,3-Trichloropropane	0.1332	0.1304	125.00	122.31	2.15	109.38	Avg RF
2-Chlorotoluene	0.8366	0.8929	125.00	133.42	-6.73	107.06	Avg RF
4-Chlorotoluene	2.8379	2.9928	125.00	131.82	-5.46	106.63	Avg RF
1,3-Dichlorobenzene	1.5306	1.5818	125.00	129.18	-3.34	109.51	Avg RF
1,4-Dichlorobenzene	1.5760	1.5825	125.00	125.52	-0.41	106.05	Avg RF
1,2-Dichlorobenzene	1.2701	1.2944	125.00	127.39	-1.91	106.55	Avg RF

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

Quantitation Results Report (QT Reviewed)

Data File	05DEC03.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 11:54:14 AM
Sample Name	CCV120521_	Instrument	VOA5975C
Vial	3	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

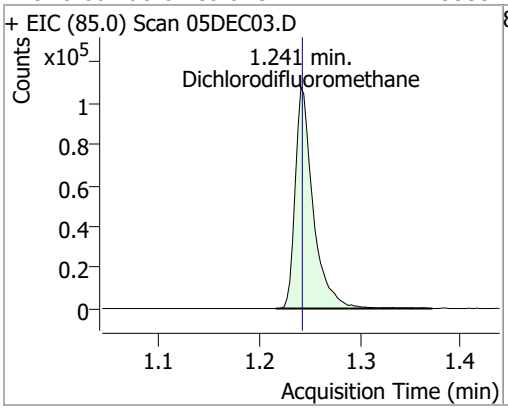


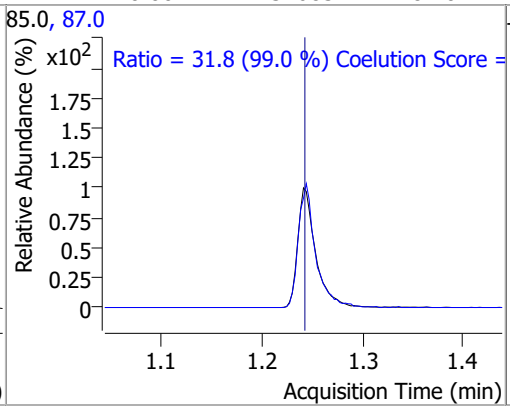
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	762474	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	290665	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	232027	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	190247	261.9894	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.80%		
S 1,2-Dichloroethane-d4	6.233	67.0	86163	257.8948	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 103.16%		
S Toluene-d8	8.319	98.0	761975	265.3839	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 106.15%		
S p-Bromofluorobenzene	10.951	95.0	234013	262.7642	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.11%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	1.241	85.0	134683	127.9999	ng	99
T Chloromethane	1.406	50.0	150133	124.0915	ng	98
T Vinyl chloride	1.498	62.0	139779	121.0867	ng	100
T Bromomethane	1.799	96.0	60923	132.3968	ng	100
T Chloroethane	1.897	64.0	77501	120.6447	ng	97
T Trichlorofluoromethane	2.148	101.0	183730	121.7589	ng	98
T 1,1-Dichloroethene	2.700	96.0	96133	119.2683	ng	98
T Methylene chloride	3.333	49.0	136565	122.2750	ng	99
T trans-1,2-Dichloroethene	3.715	96.0	98896	122.8692	ng	100
T Methyl tert-butyl ether (MTBE)	3.751	73.0	128960	126.8527	ng	100
T 1,1-Dichloroethane	4.381	63.0	189493	123.8896	ng	99
T 2,2-Dichloropropane	5.190	77.0	146625	129.2489	ng	98
T cis-1,2-Dichloroethene	5.212	96.0	102347	124.0279	ng	98
T Methyl ethyl ketone	5.285	43.0	142998	1348.6162	ng	100
T Bromochloromethane	5.516	128.0	39110	124.0695	ng	98
T Chloroform	5.650	83.0	181512	123.6791	ng	100

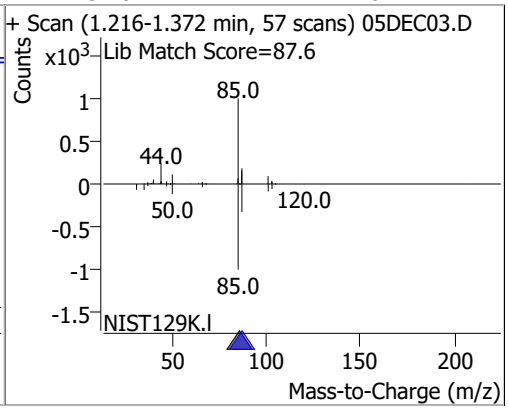
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	170634	120.5743	ng	99
T Carbon tetrachloride	6.024	117.0	165831	120.1618	ng	99
T 1,1-Dichloropropene	6.038	75.0	150381	122.0351	ng	99
T Benzene	6.280	78.0	400815	127.8052	ng	100
T 1,2-Dichloroethane	6.322	62.0	104667	126.7885	ng	98
T Trichloroethene	7.028	95.0	115391	122.4949	ng	100
T 1,2-Dichloropropane	7.270	63.0	99669	127.2827	ng	99
T Dibromomethane	7.396	93.0	40396	122.9264	ng	99
T Bromodichloromethane	7.585	83.0	116008	124.9338	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	131458	128.3905	ng	98
T Toluene	8.386	92.0	245188	125.7579	ng	96
T trans-1,3-Dichloropropene	8.639	75.0	93309	127.8760	ng	96
T 1,1,2-Trichloroethane	8.815	83.0	46992	123.9354	ng	98
T Tetrachloroethene	8.932	163.8	93743	120.1241	ng	98
T 1,3-Dichloropropane	8.982	76.0	96614	126.7131	ng	100
T Chlorodibromomethane	9.206	129.0	72165	127.2897	ng	97
T 1,2-Dibromoethane	9.306	107.0	51527	126.4730	ng	98
T Chlorobenzene	9.802	112.0	262394	123.8581	ng	100
T 1,1,1,2-Tetrachloroethane	9.892	131.0	90428	121.7235	ng	98
T Ethylbenzene	9.917	91.0	469921	126.3567	ng	100
T m+p-Xylenes	10.039	106.0	371267	258.1749	ng	98
T o-Xylene	10.433	106.0	162610	127.2193	ng	100
T Styrene	10.446	104.0	266739	129.8935	ng	99
T Bromoform	10.628	172.5	35830	123.3788	ng	94
T Bromobenzene	11.093	156.0	98864	125.0495	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	57532	123.3695	ng	98
T 1,2,3-Trichloropropane	11.146	110.0	14375	116.2679	ng	97
T 2-Chlorotoluene	11.289	126.0	100715	129.7131	ng	98
T 4-Chlorotoluene	11.400	91.0	341830	129.7799	ng	98
T 1,3-Dichlorobenzene	12.033	146.0	178462	125.6288	ng	99
T 1,4-Dichlorobenzene	12.122	146.0	180248	123.2321	ng	98
T 1,2-Dichlorobenzene	12.493	146.0	147902	125.4670	ng	99

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

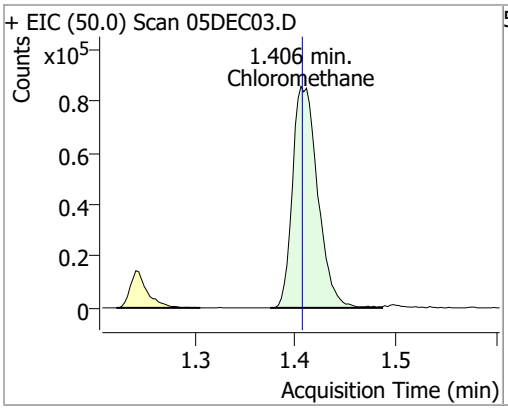
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	127.9999	1.24	0.00	134683	87.0	31.8	2.1	62.1

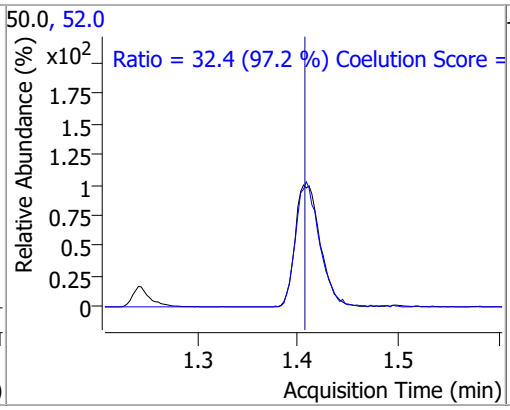


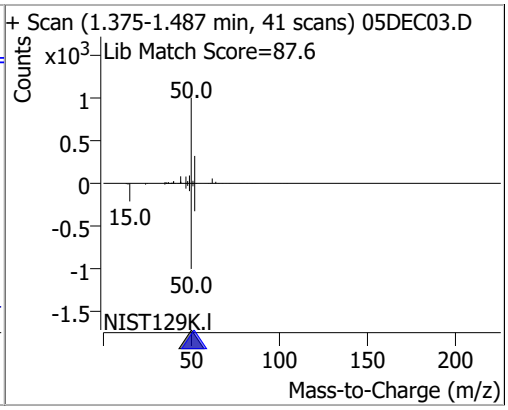




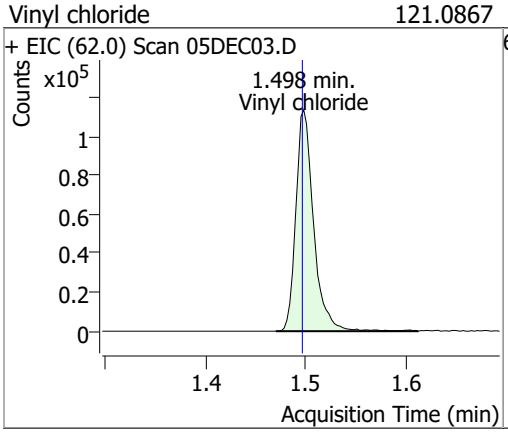
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	124.0915	1.41	0.00	150133	52.0	32.4	3.4	63.4

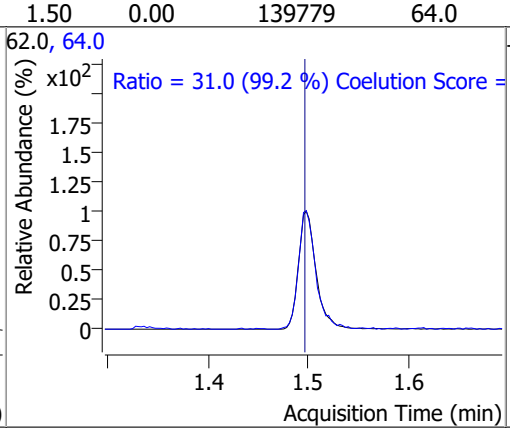


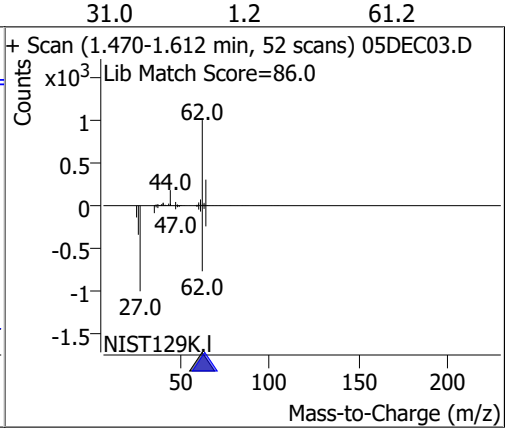




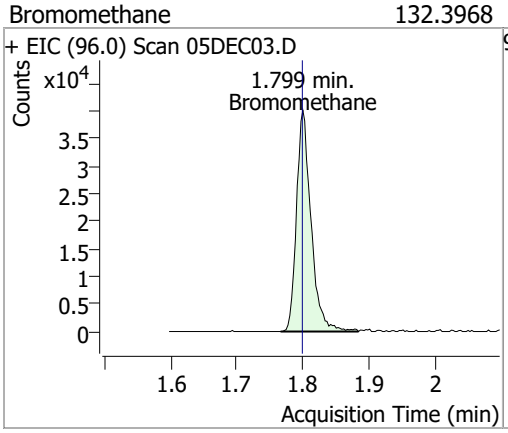
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	121.0867	1.50	0.00	139779	64.0	31.0	1.2	61.2

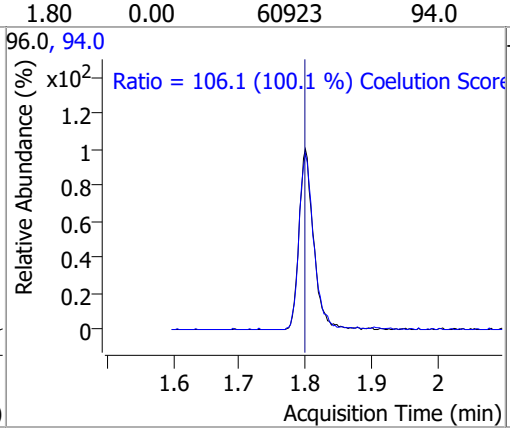


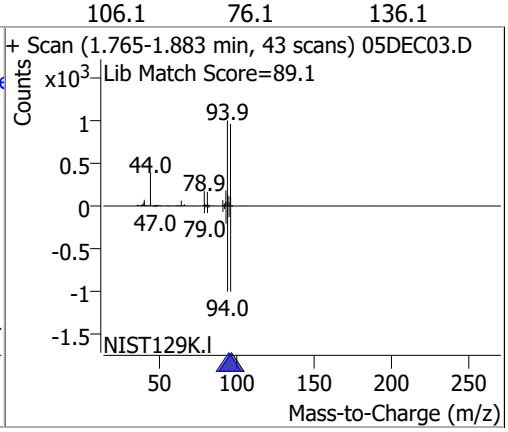




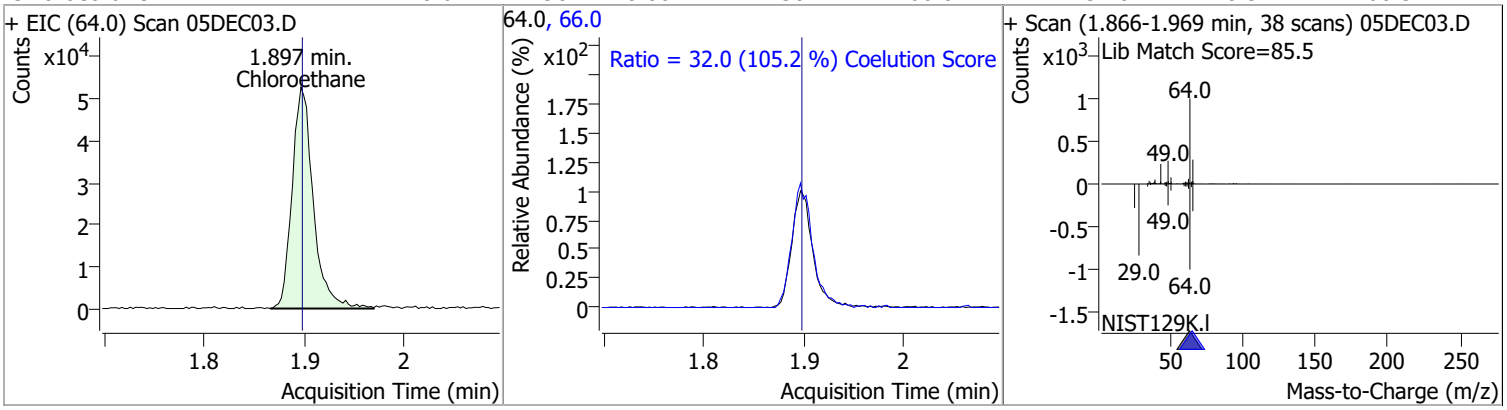
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	132.3968	1.80	0.00	60923	94.0	106.1	76.1	136.1



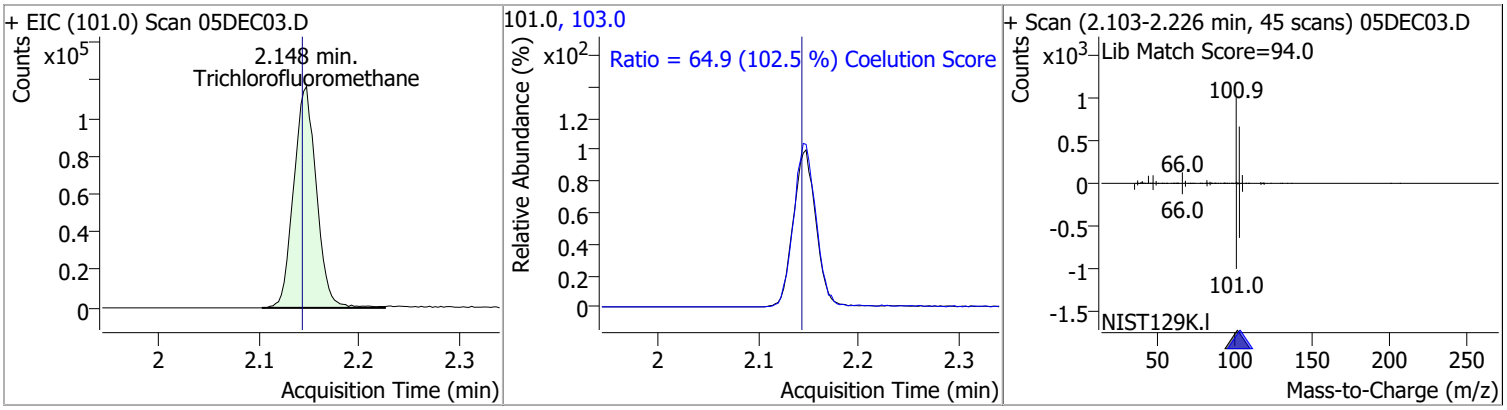




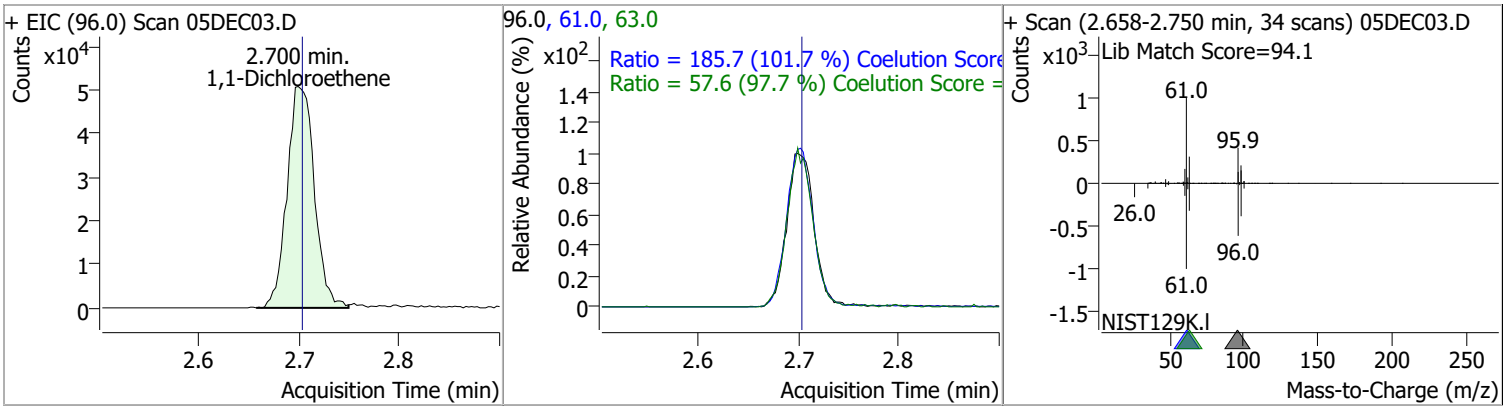
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	120.6447	1.90	0.00	77501	66.0	32.0	0.5	60.5



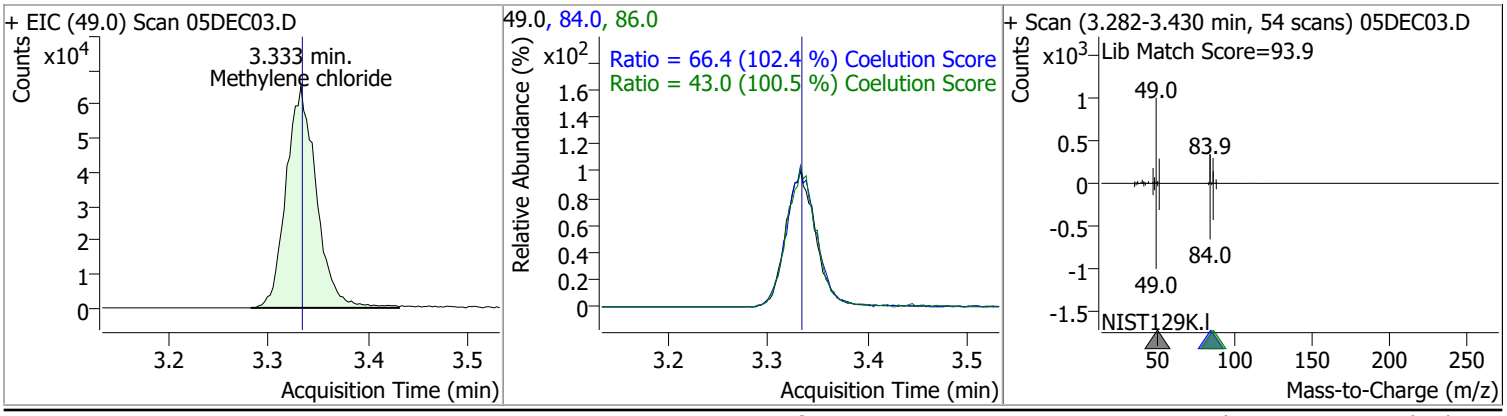
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	121.7589	2.15	0.01	183730	103.0	64.9	33.3	93.3



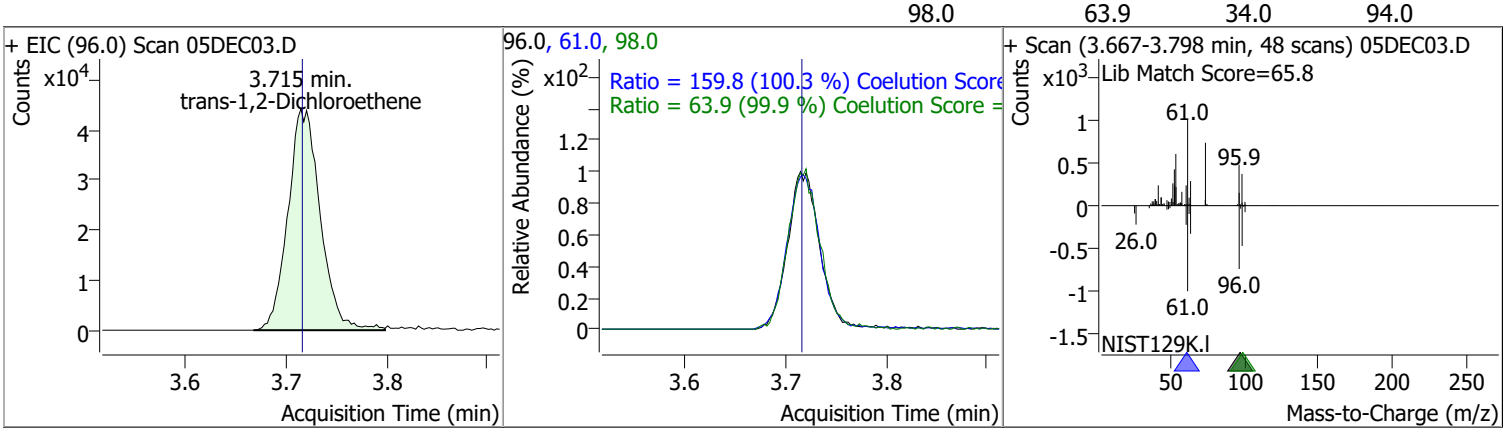
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	119.2683	2.70	0.00	96133	61.0	185.7	152.6	212.6
					63.0	57.6	28.9	88.9



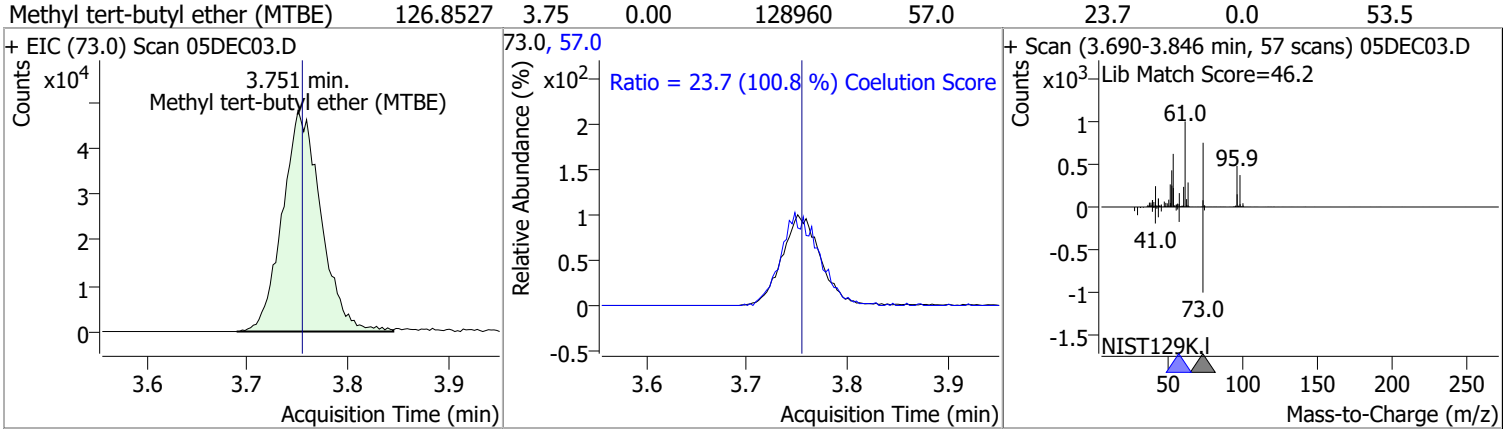
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	122.2750	3.33	0.00	136565	84.0	66.4	34.8	94.8
					86.0	43.0	12.7	72.7



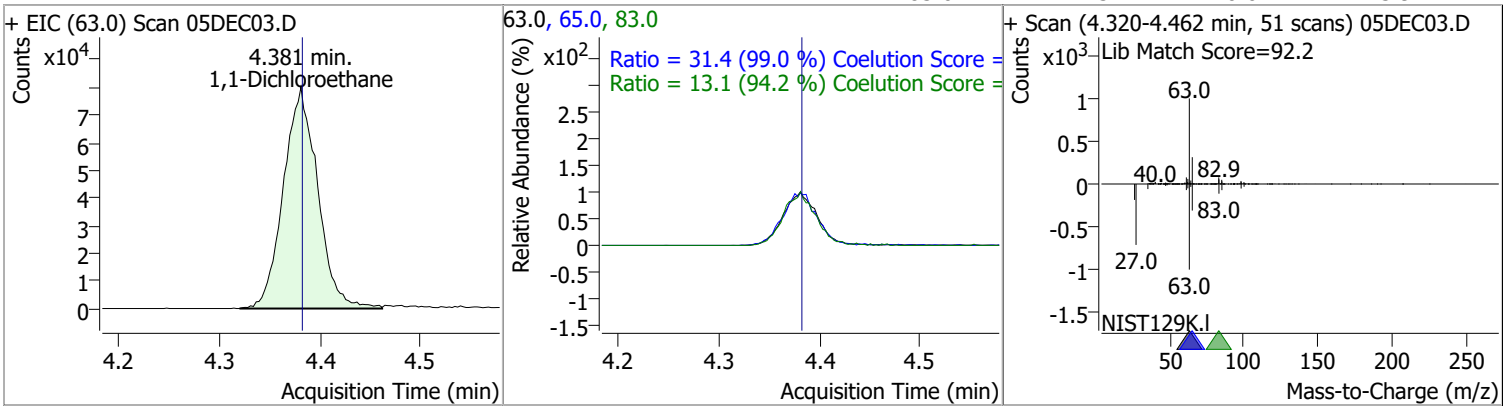
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	122.8692	3.71	0.00	98896	61.0	159.8	129.4	189.4
					98.0	63.9	34.0	94.0



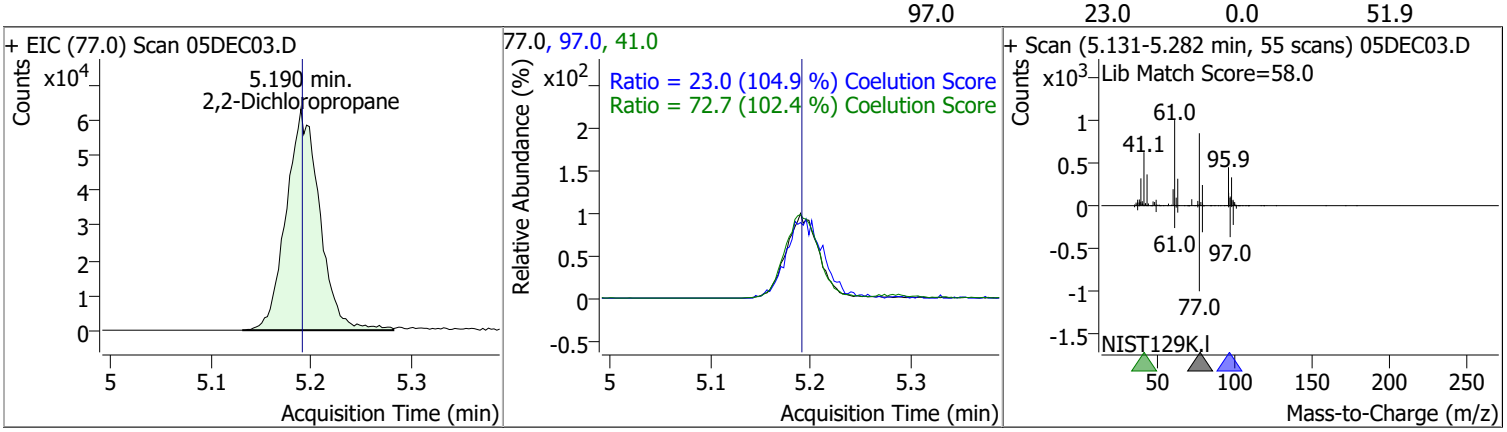
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	126.8527	3.75	0.00	128960	57.0	23.7	0.0	53.5



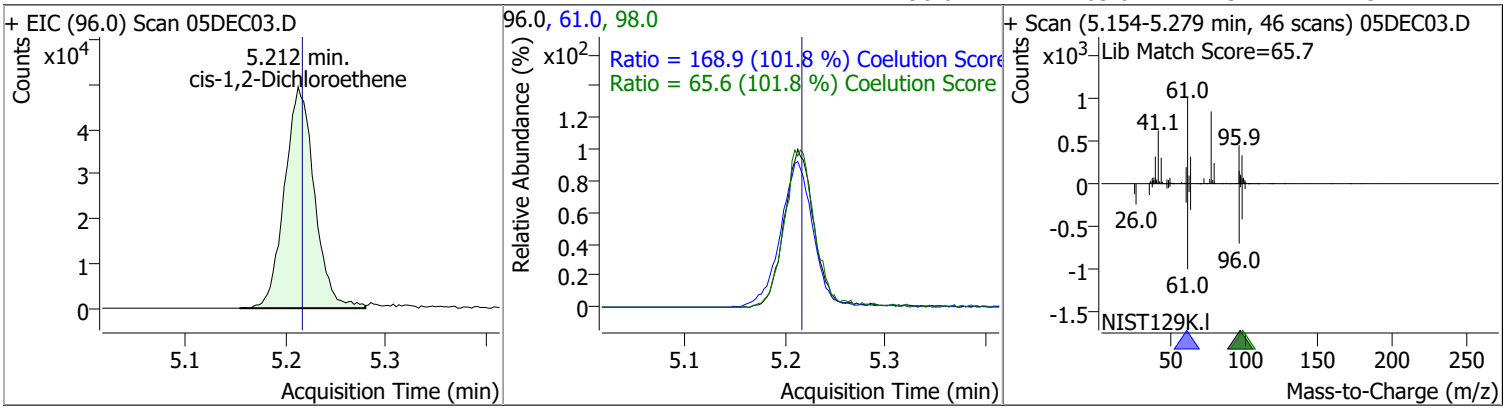
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	123.8896	4.38	0.00	189493	65.0	31.4	1.7	61.7
					83.0	13.1	0.0	43.9



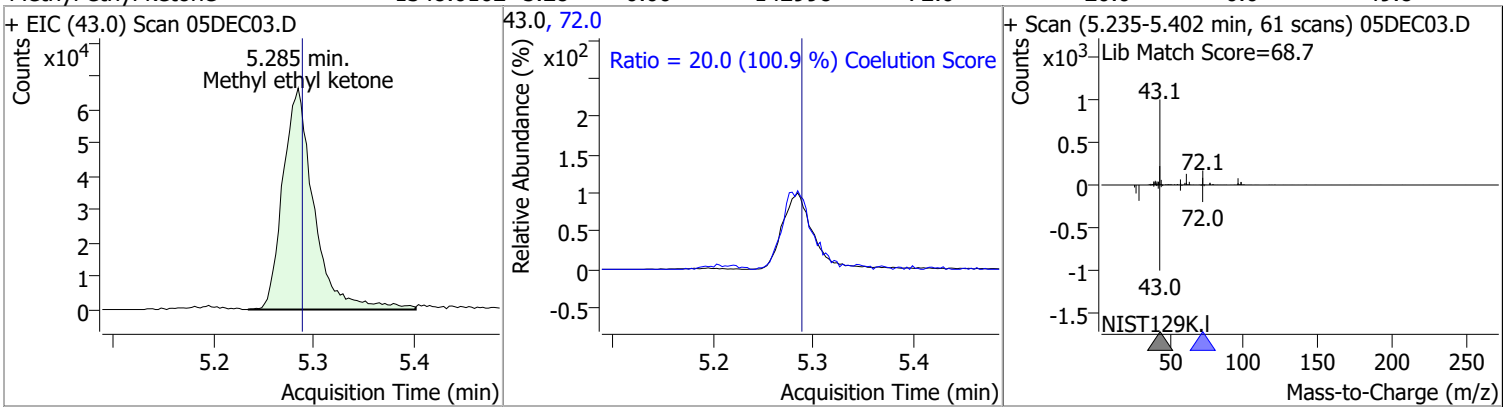
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	129.2489	5.19	0.00	146625	41.0	72.7	41.0	101.0
					97.0	23.0	0.0	51.9



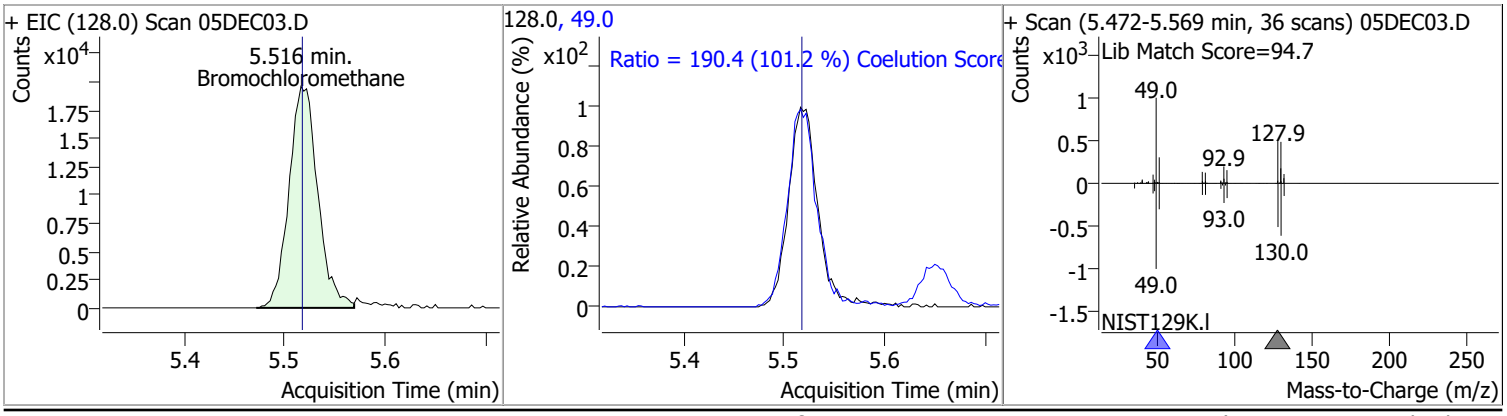
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	124.0279	5.21	0.00	102347	61.0	168.9	135.9	195.9
					98.0	65.6	34.4	94.4



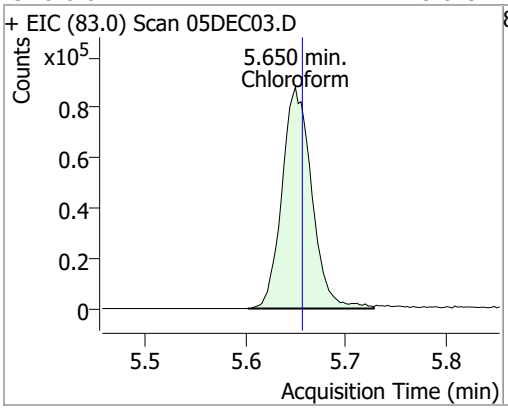
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1348.6162	5.28	0.00	142998	72.0	20.0	0.0	49.8

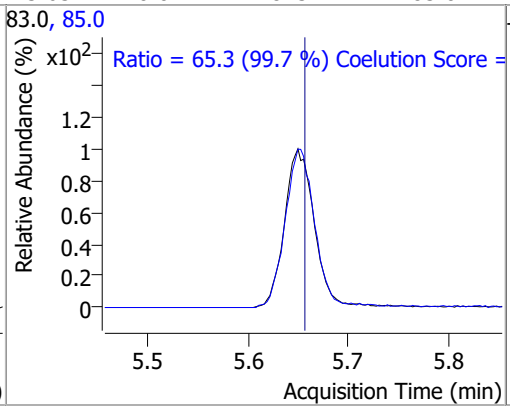


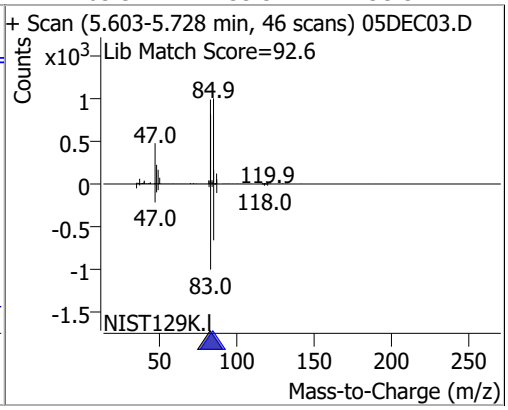
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	124.0695	5.52	0.00	39110	49.0	190.4	158.1	218.1



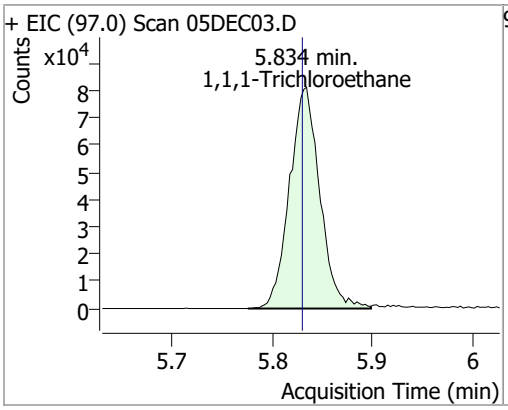
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	123.6791	5.65	-0.01	181512	85.0	65.3	35.5	95.5

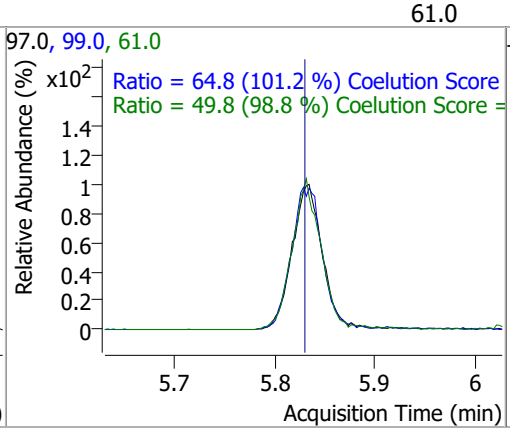


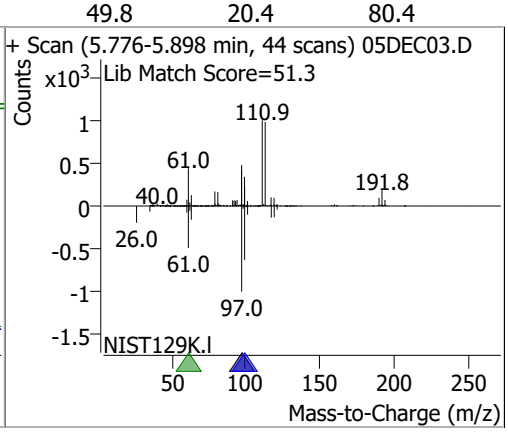




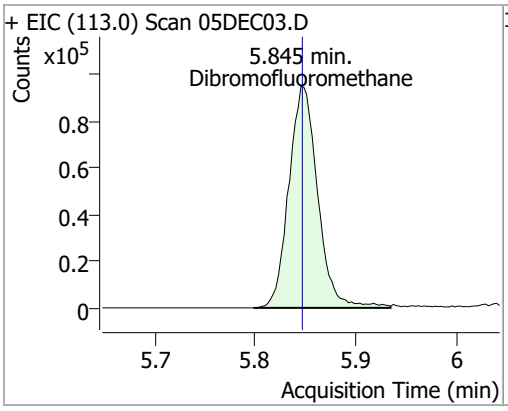
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	120.5743	5.83	0.01	170634	99.0	64.8	34.0	94.0
					61.0	49.8	20.4	80.4

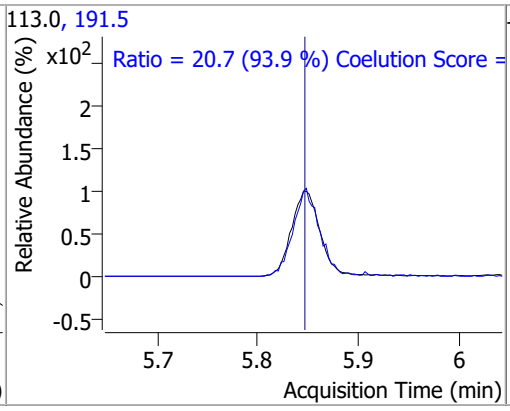


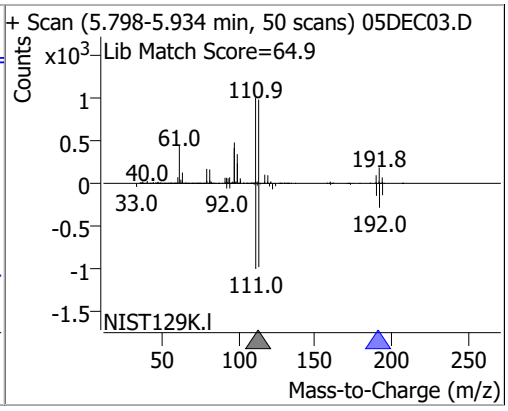




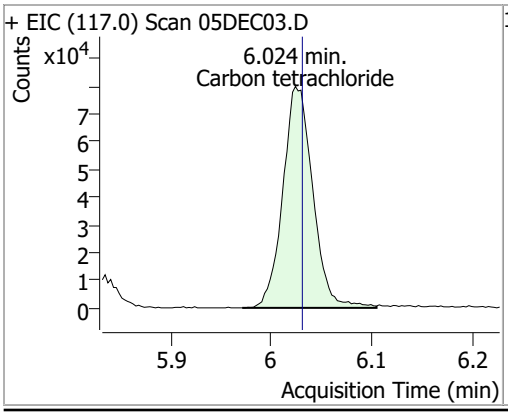
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	261.9894	5.85	0.00	190247	191.5	20.7	0.0	52.1

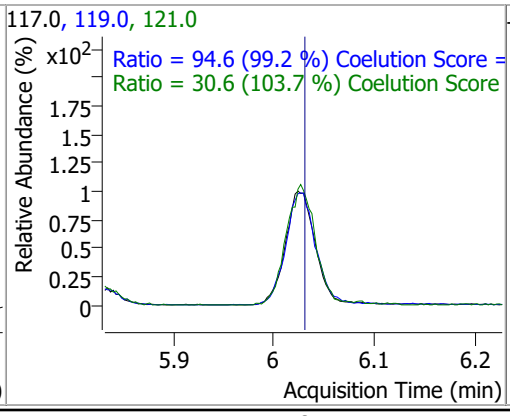


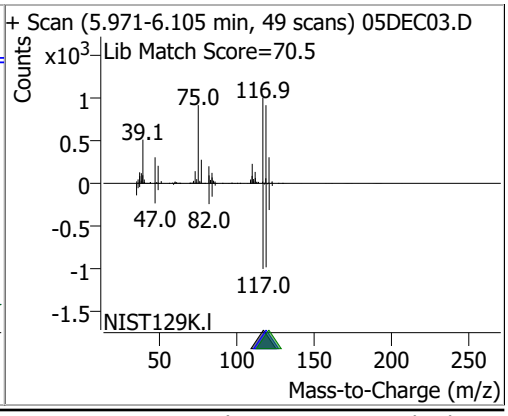




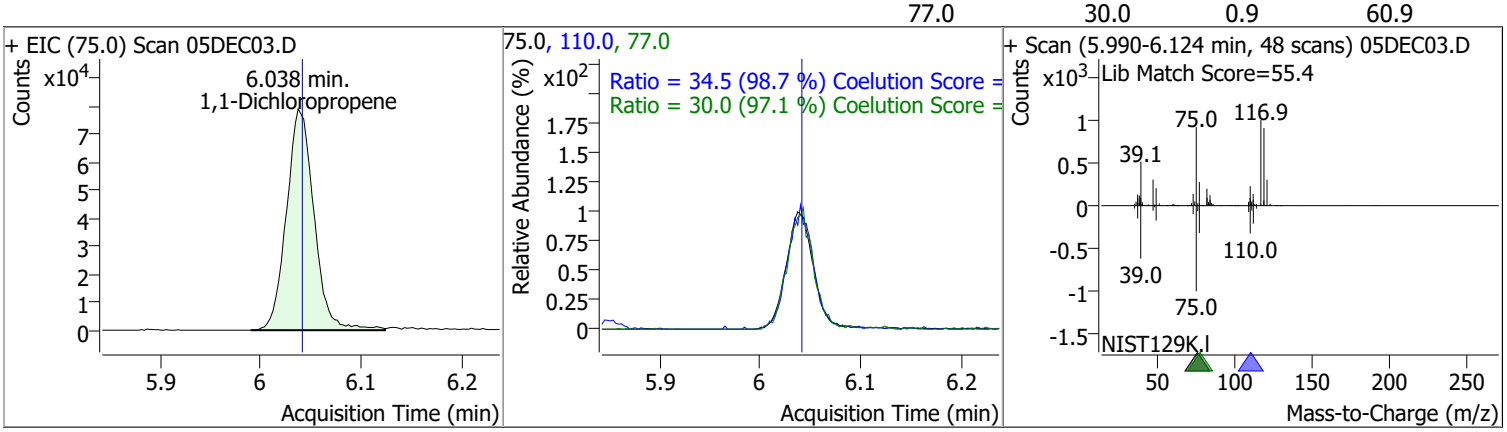
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	120.1618	6.02	-0.01	165831	119.0	94.6	65.4	125.4
					121.0	30.6	0.0	59.5



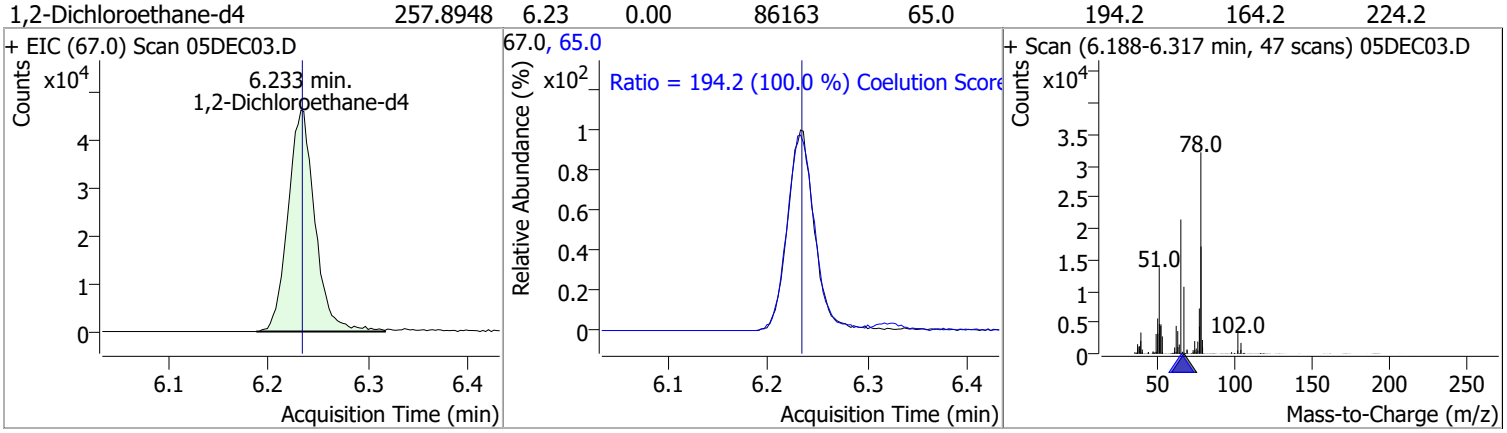




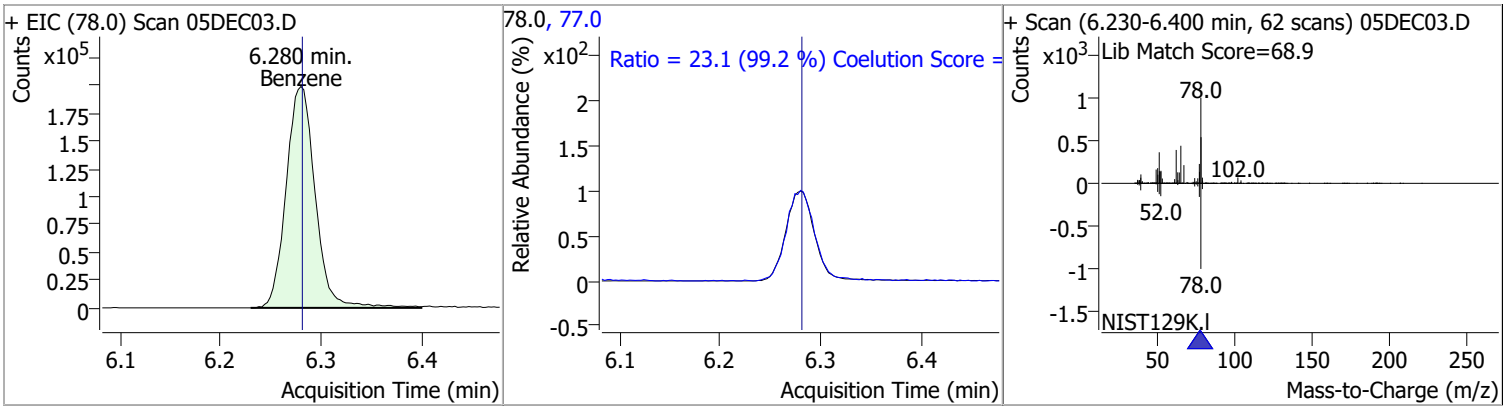
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	122.0351	6.04	0.00	150381	110.0	34.5	5.0	65.0
					77.0	30.0	0.9	60.9



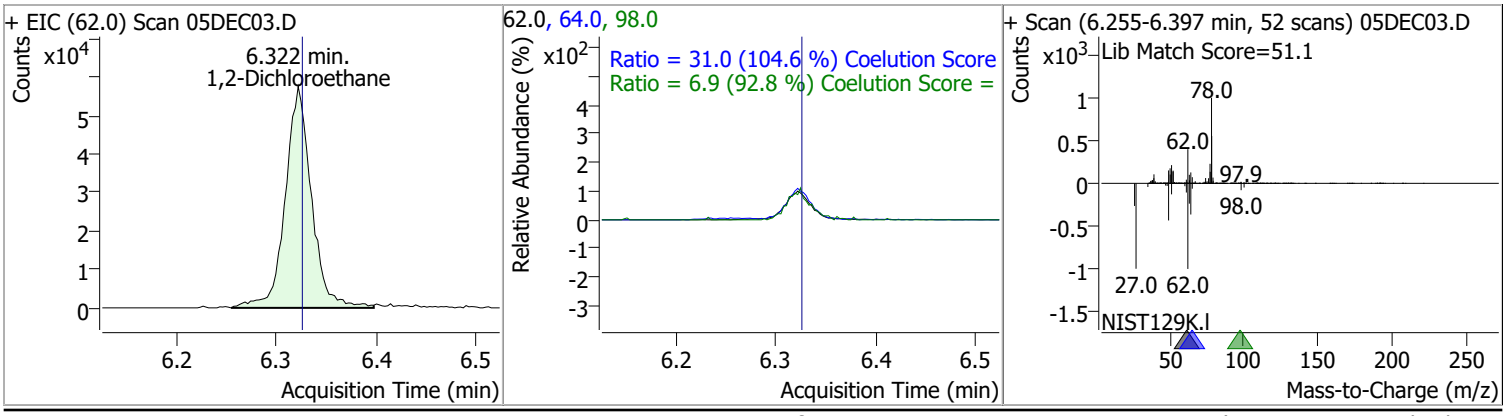
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	257.8948	6.23	0.00	86163	65.0	194.2	164.2	224.2



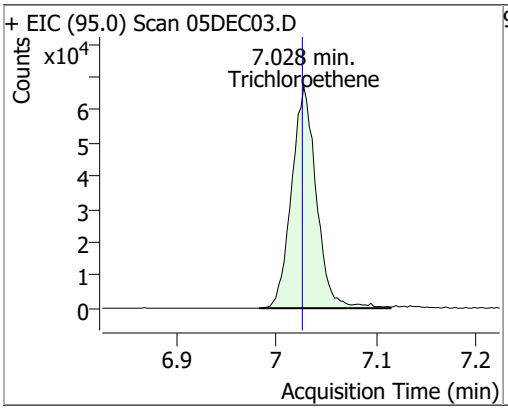
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	127.8052	6.28	0.00	400815	77.0	23.1	0.0	53.3

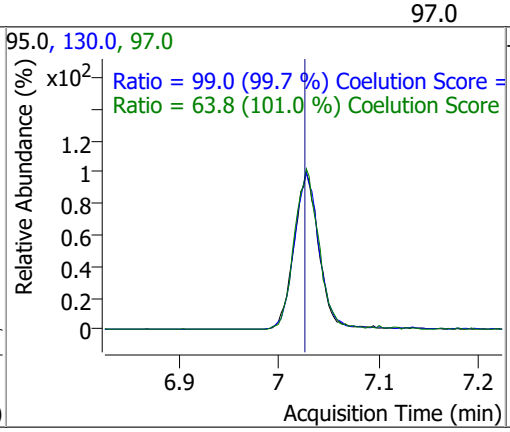


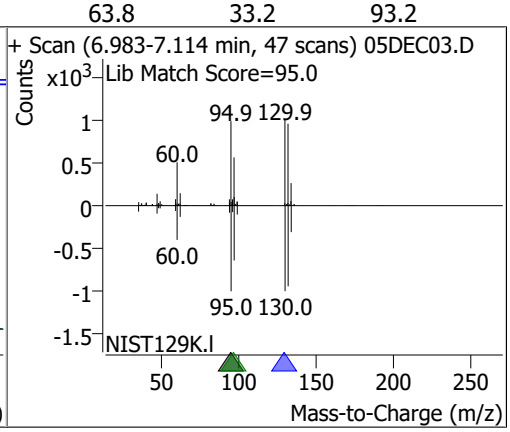
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	126.7885	6.32	0.00	104667	64.0	31.0	0.0	59.6
					98.0	6.9	0.0	37.4



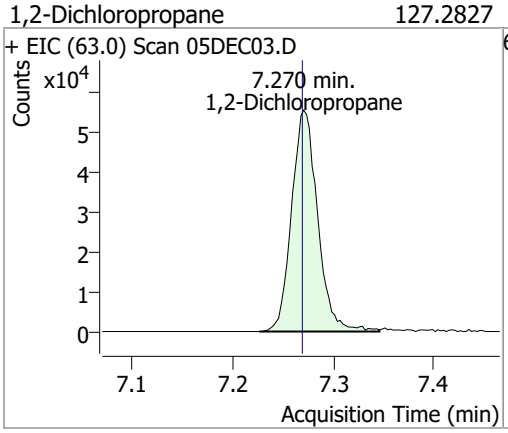
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	122.4949	7.03	0.00	115391	130.0	99.0	69.3	129.3
					97.0	63.8	33.2	93.2

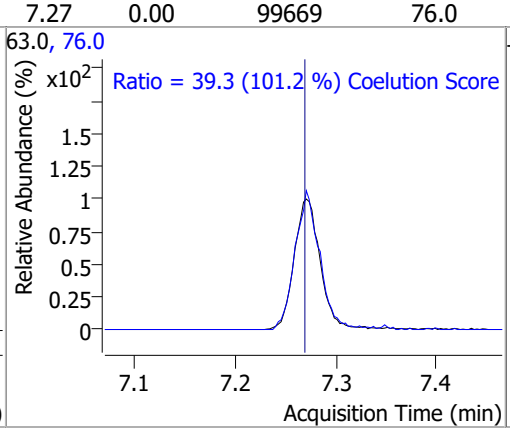


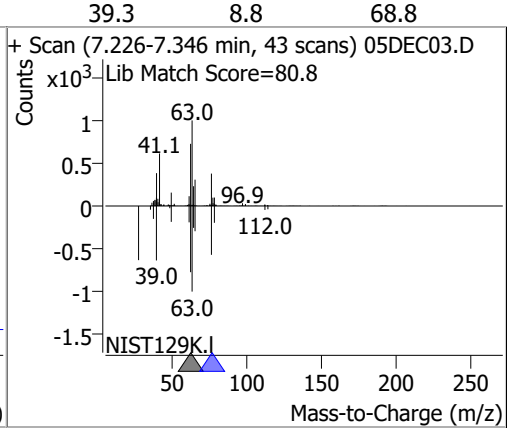




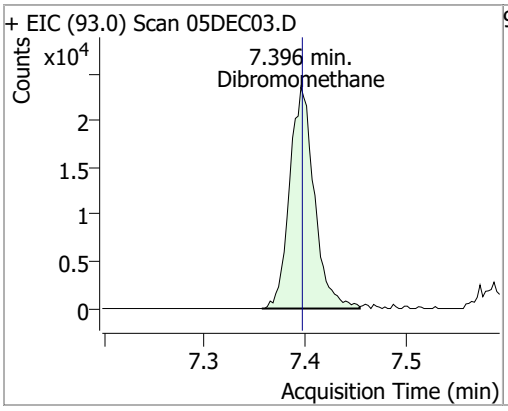
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	127.2827	7.27	0.00	99669	76.0	39.3	8.8	68.8

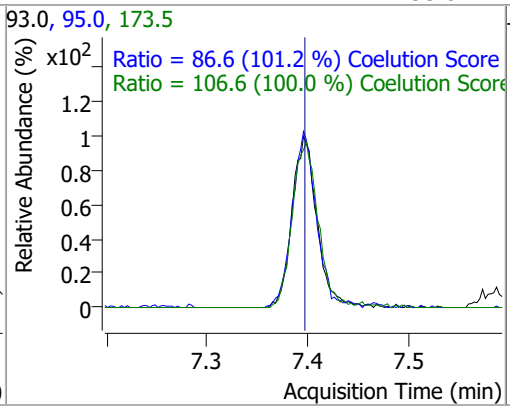


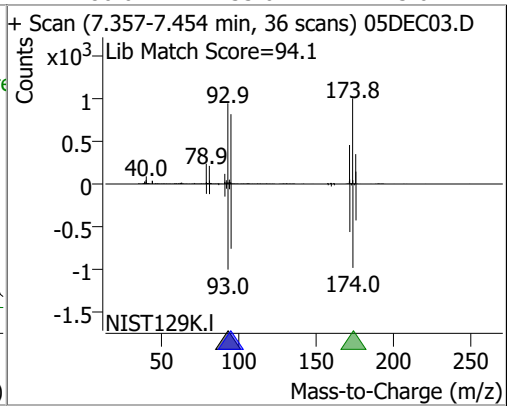




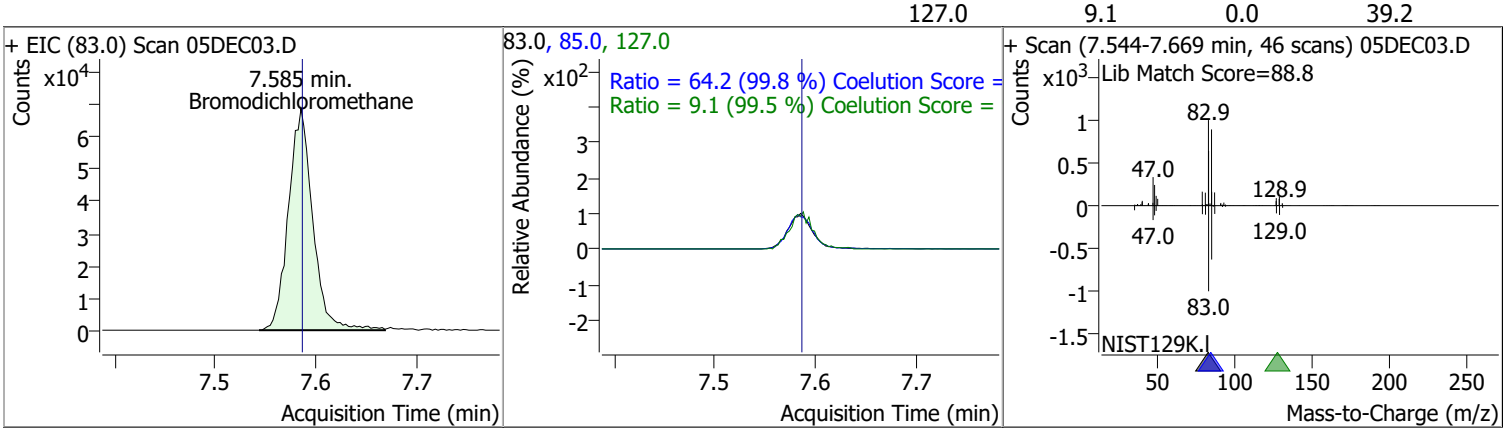
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	122.9264	7.40	0.00	40396	173.5	106.6	76.6	136.6
					95.0	86.6	55.6	115.6



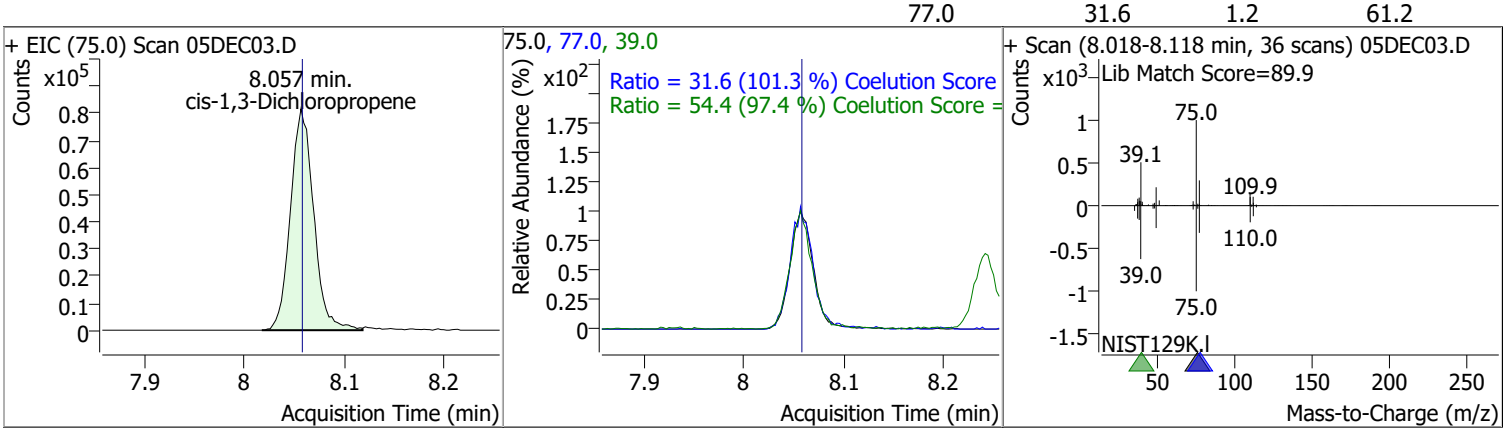




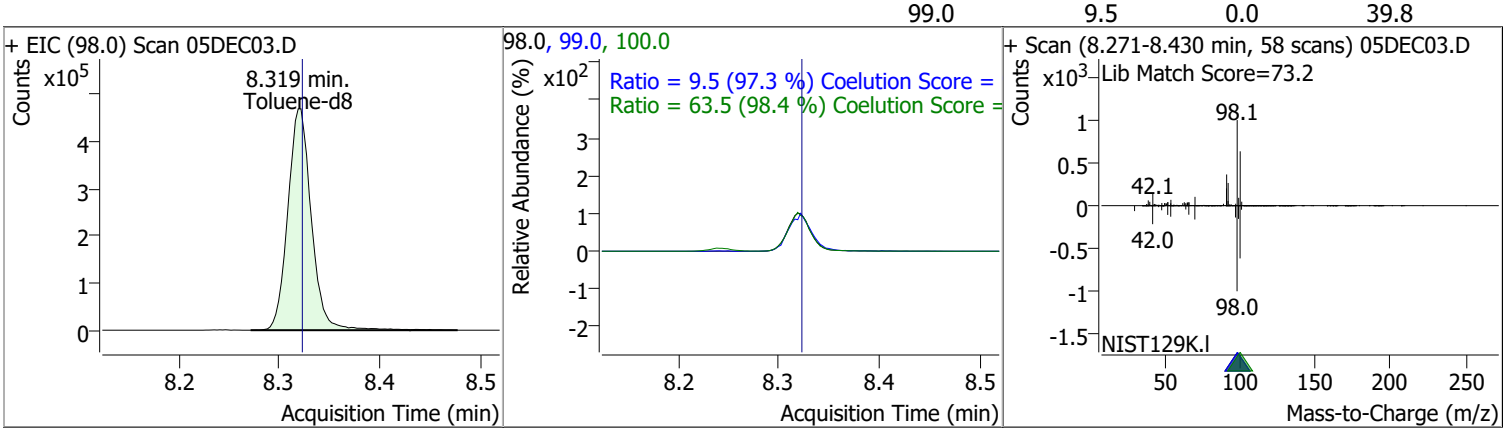
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	124.9338	7.59	0.00	116008	85.0	64.2	34.3	94.3
					127.0	9.1	0.0	39.2



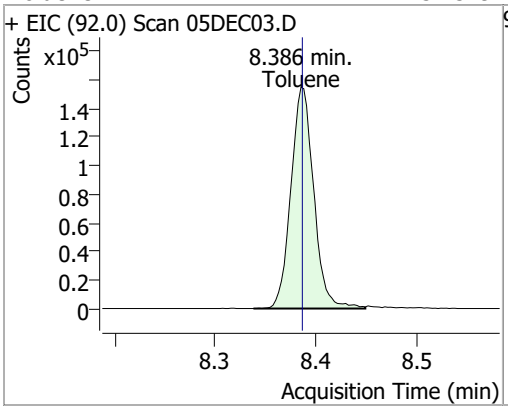
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	128.3905	8.06	0.00	131458	39.0	54.4	25.9	85.9
					77.0	31.6	1.2	61.2

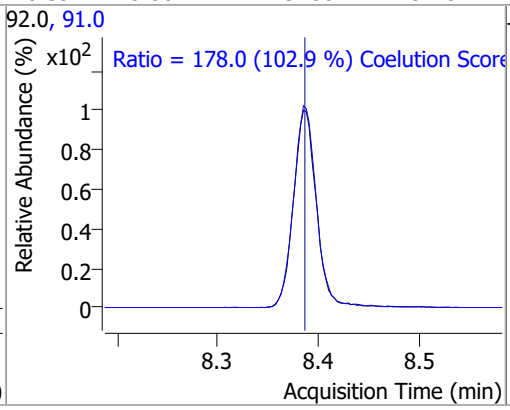


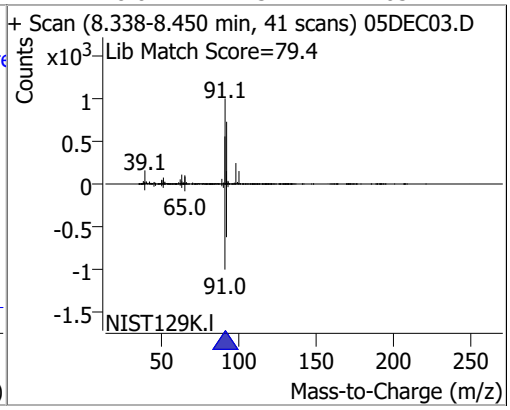
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	265.3839	8.32	0.00	761975	100.0	63.5	34.6	94.6
					99.0	9.5	0.0	39.8



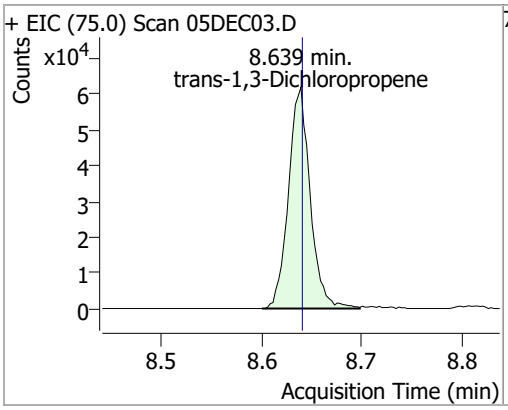
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	125.7579	8.39	0.00	245188	91.0	178.0	143.1	203.1

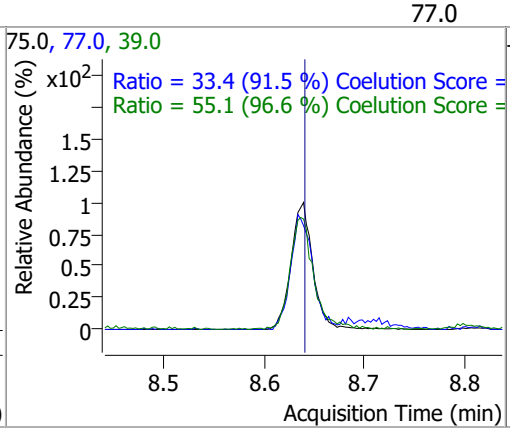


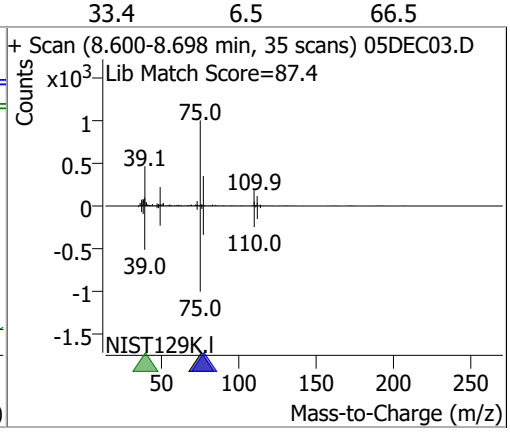




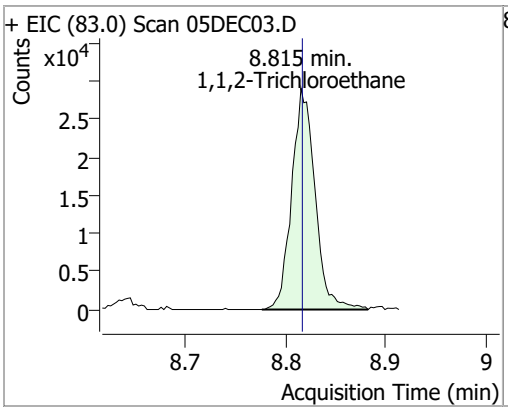
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	127.8760	8.64	0.00	93309	39.0	55.1	27.0	87.0
					77.0	33.4	6.5	66.5

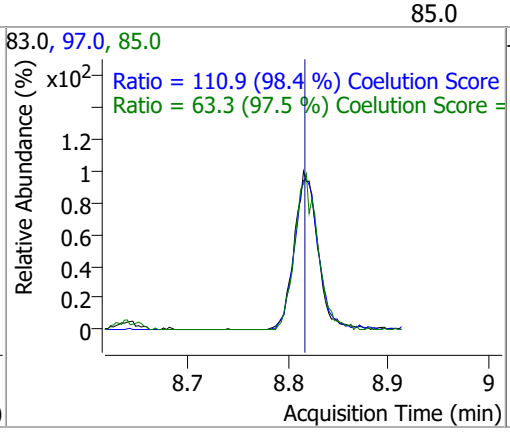


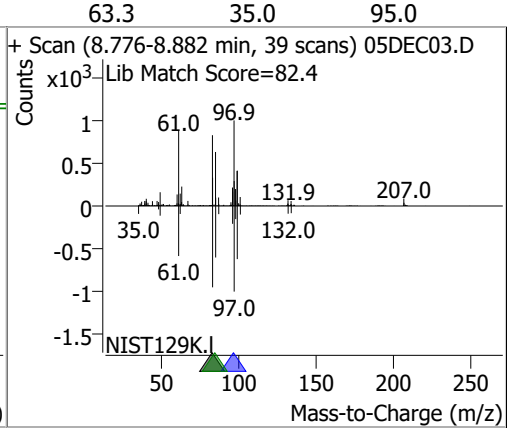




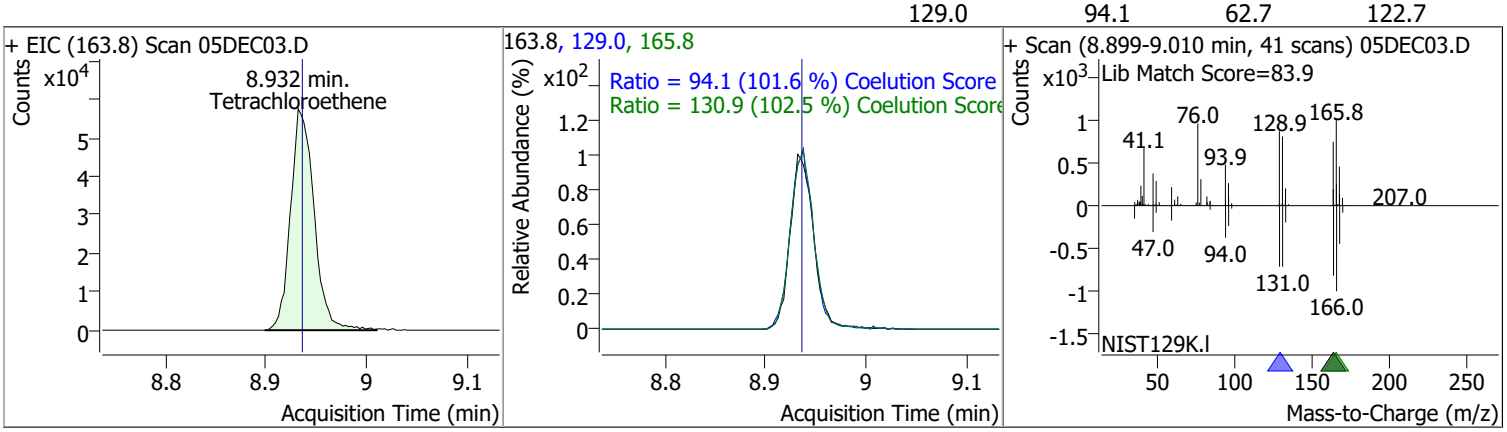
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	123.9354	8.82	0.00	46992	97.0	110.9	82.7	142.7
					85.0	63.3	35.0	95.0



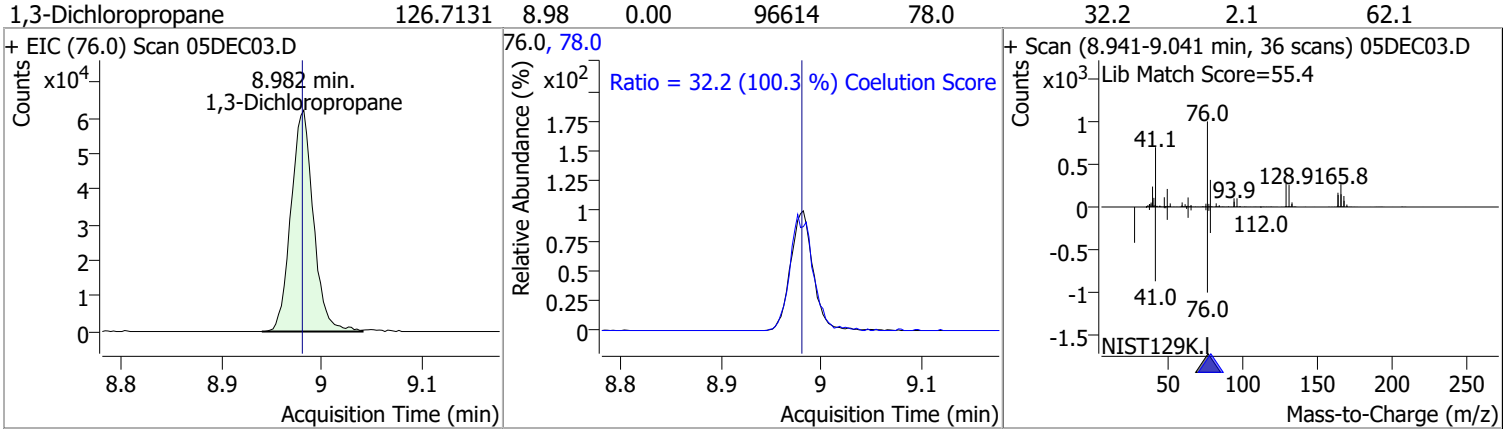




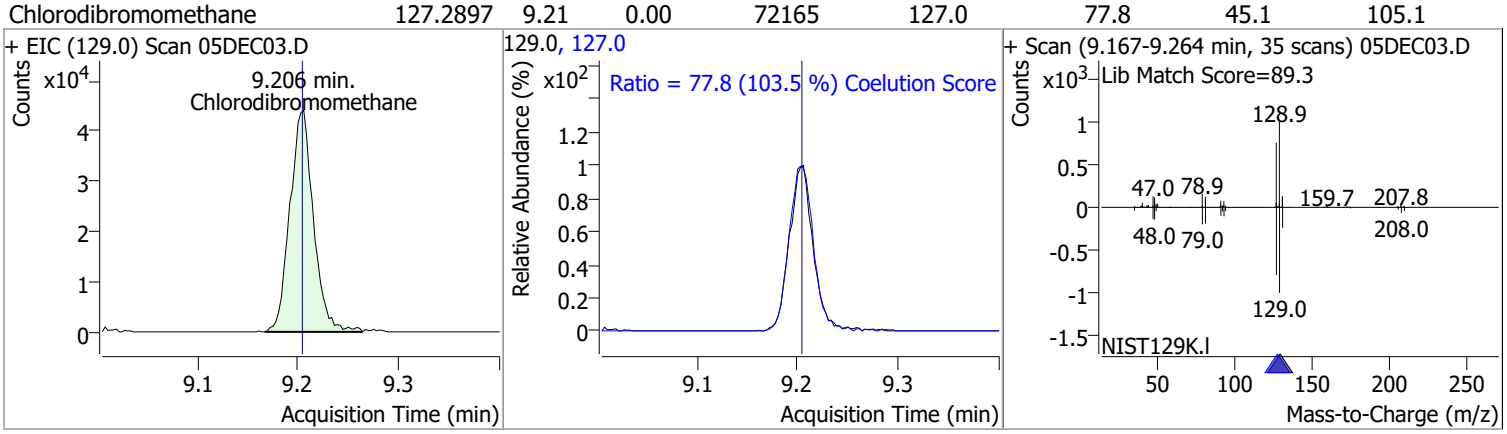
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	120.1241	8.93	0.00	93743	165.8	130.9	97.7	157.7
					129.0	94.1	62.7	122.7



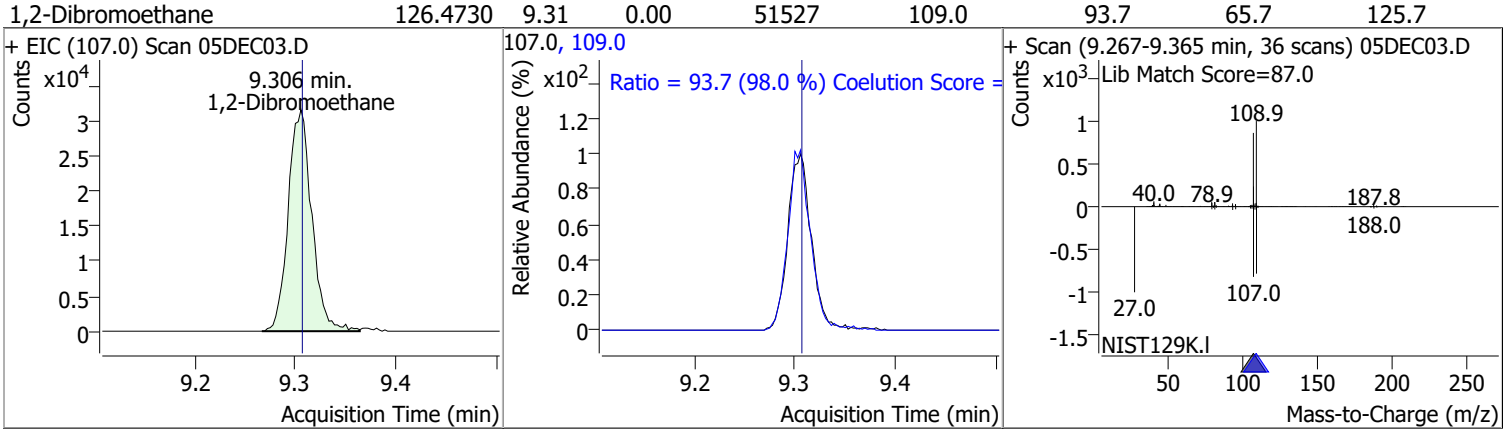
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	126.7131	8.98	0.00	96614	78.0	32.2	2.1	62.1



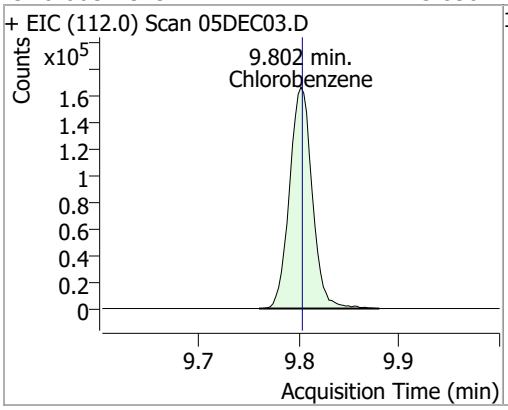
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	127.2897	9.21	0.00	72165	127.0	77.8	45.1	105.1

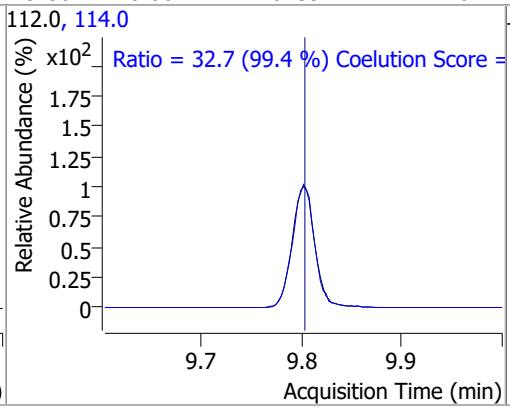


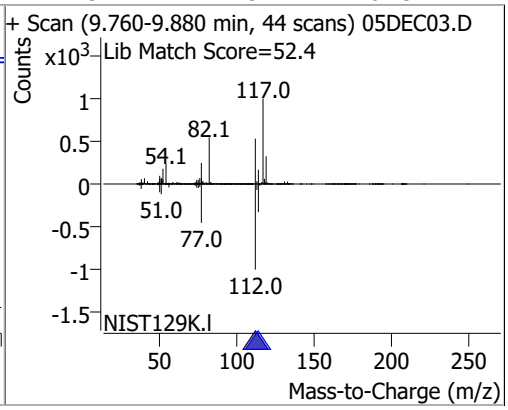
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	126.4730	9.31	0.00	51527	109.0	93.7	65.7	125.7



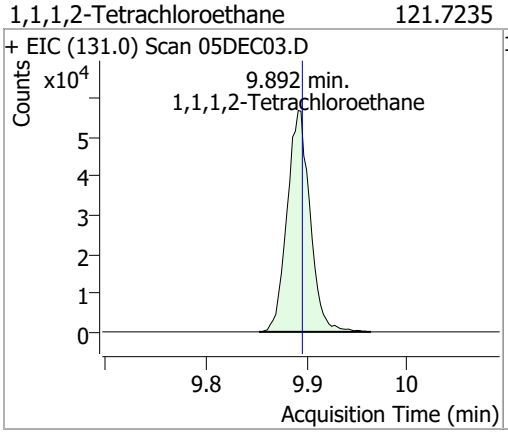
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	123.8581	9.80	0.00	262394	114.0	32.7	2.9	62.9

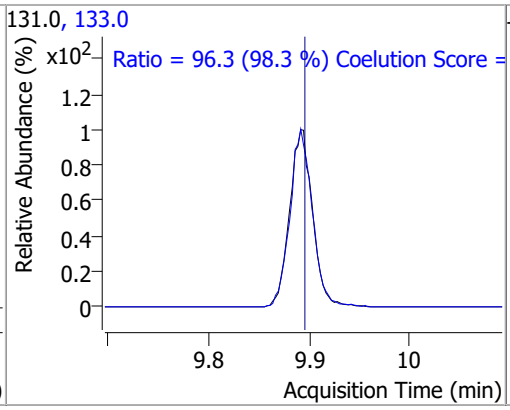


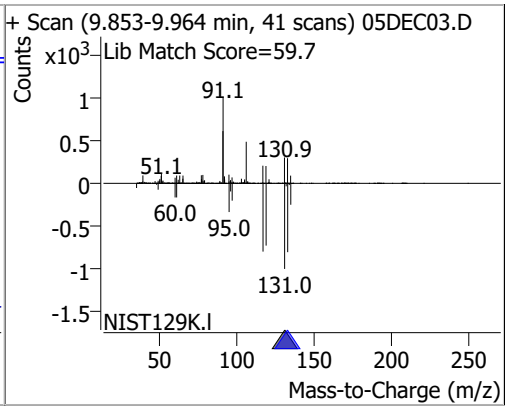




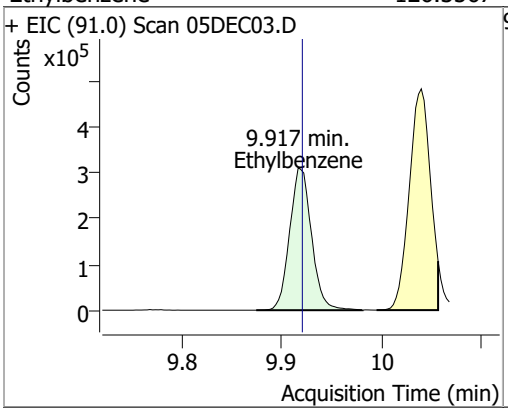
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	121.7235	9.89	0.00	90428	133.0	96.3	68.0	128.0

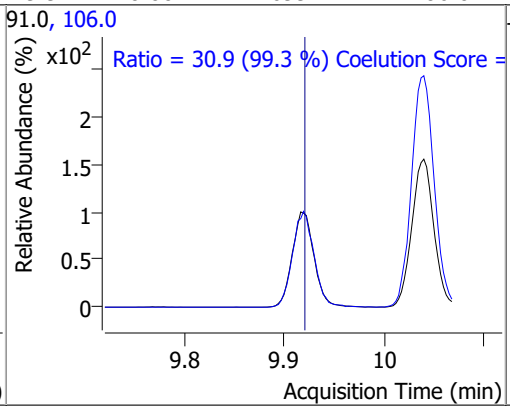


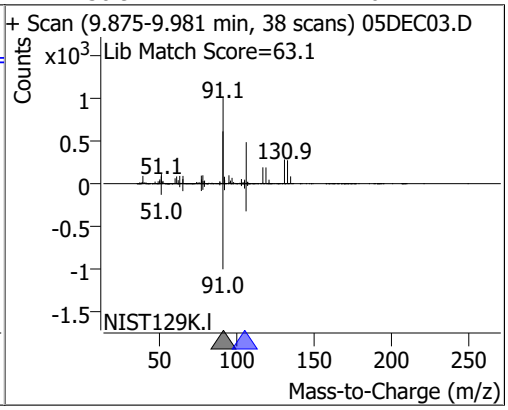




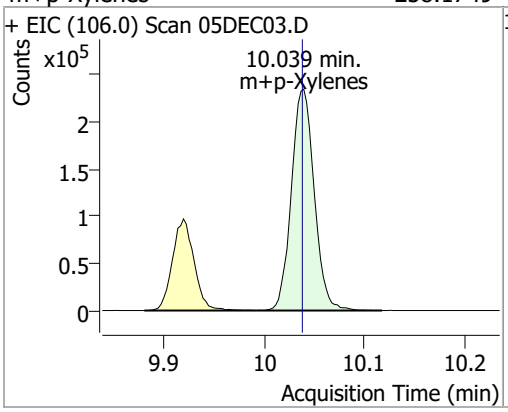
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	126.3567	9.92	0.00	469921	106.0	30.9	1.1	61.1

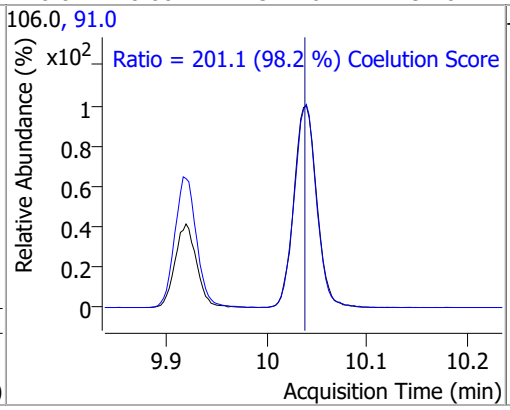


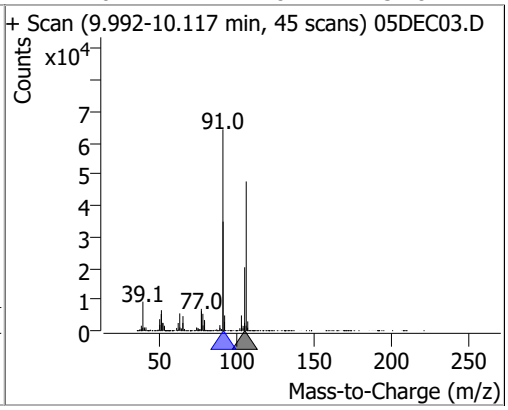




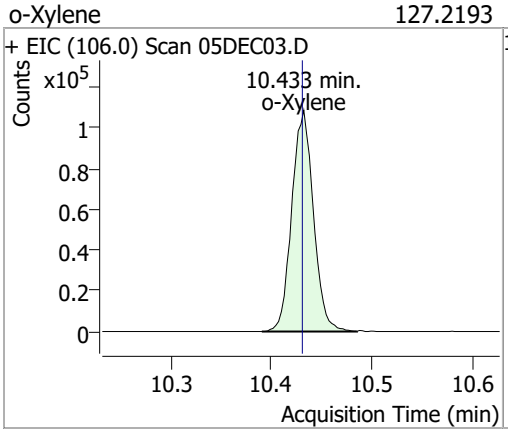
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	258.1749	10.04	0.00	371267	91.0	201.1	174.8	234.8

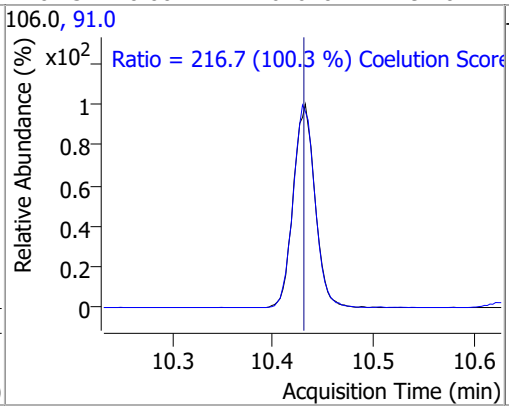


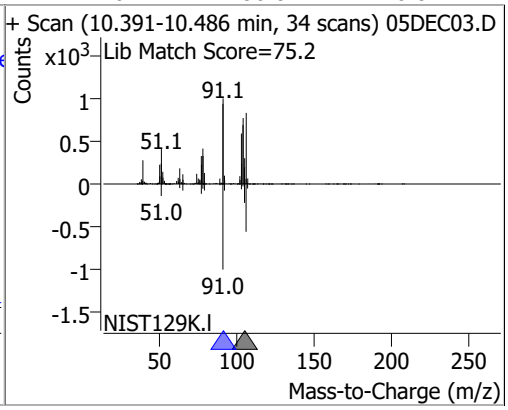




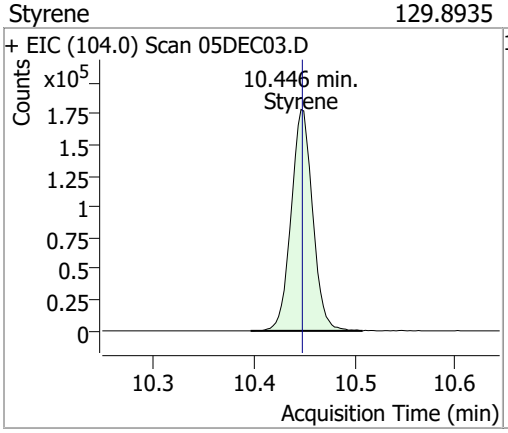
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	127.2193	10.43	0.00	162610	91.0	216.7	186.0	246.0

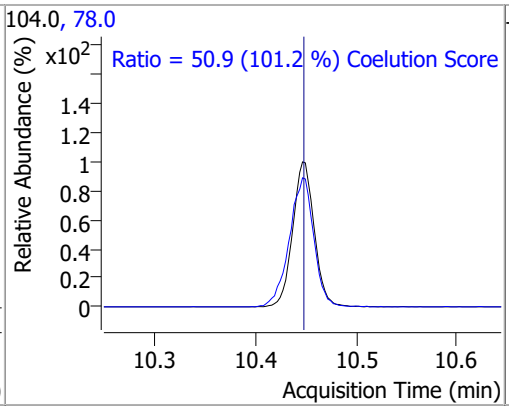


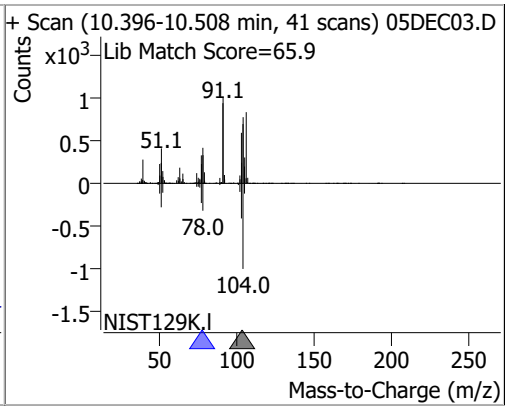




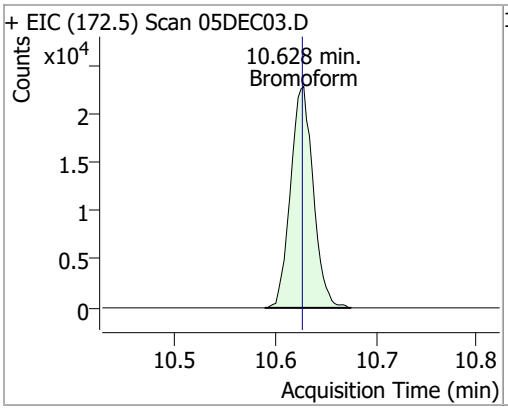
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	129.8935	10.45	0.00	266739	78.0	50.9	20.3	80.3

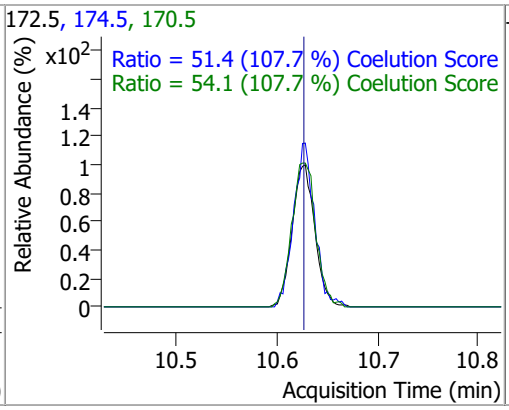


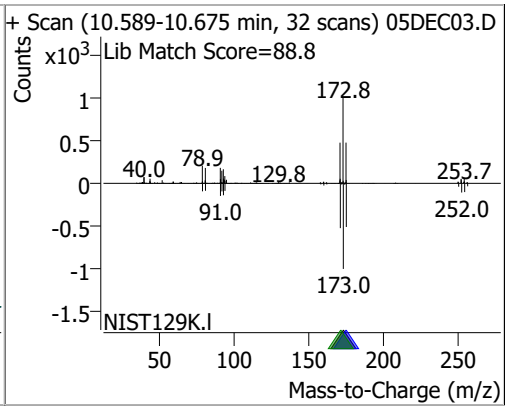




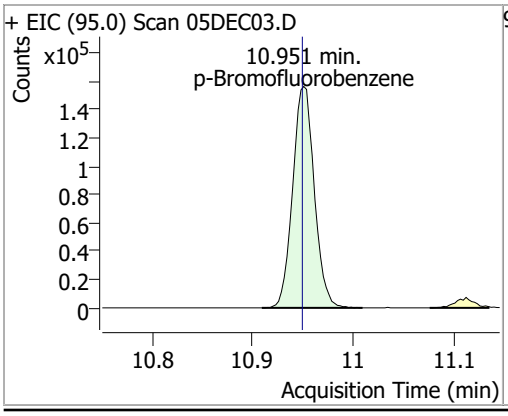
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	123.3788	10.63	0.00	35830	170.5	54.1	20.2	80.2
					174.5	51.4	17.7	77.7

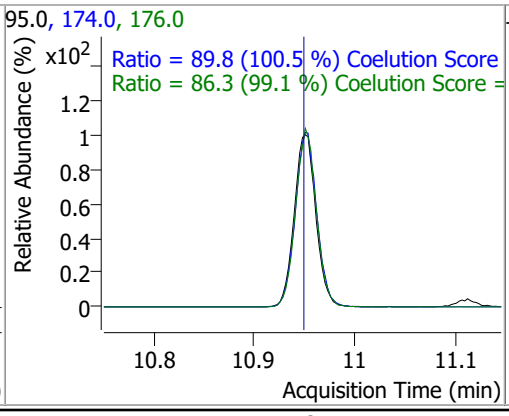


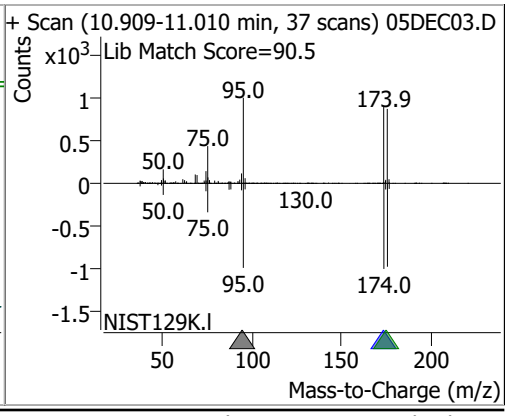




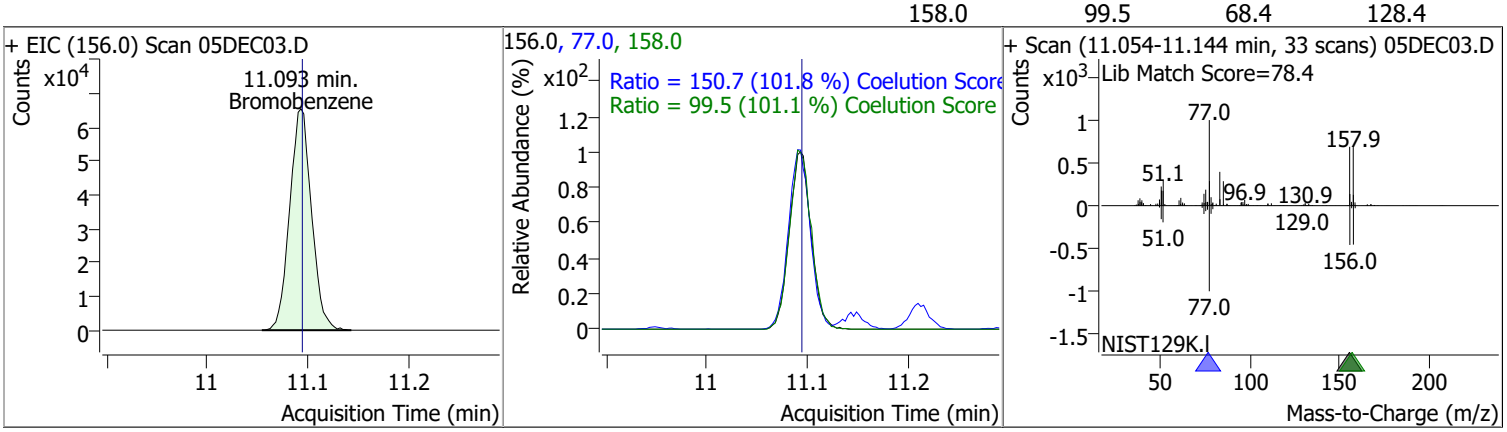
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	262.7642	10.95	0.00	234013	174.0	89.8	59.4	119.4
					176.0	86.3	57.1	117.1



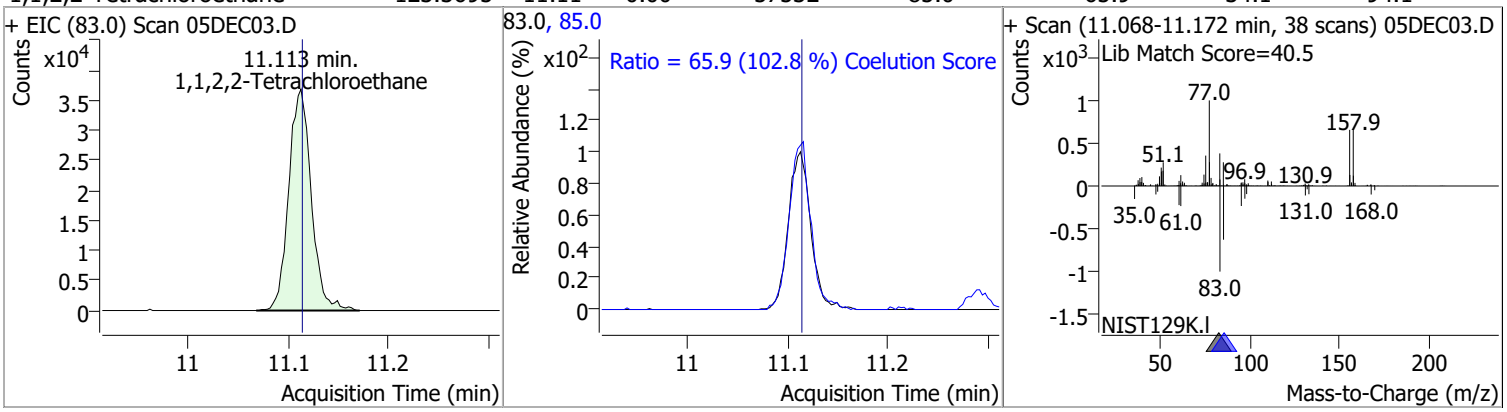




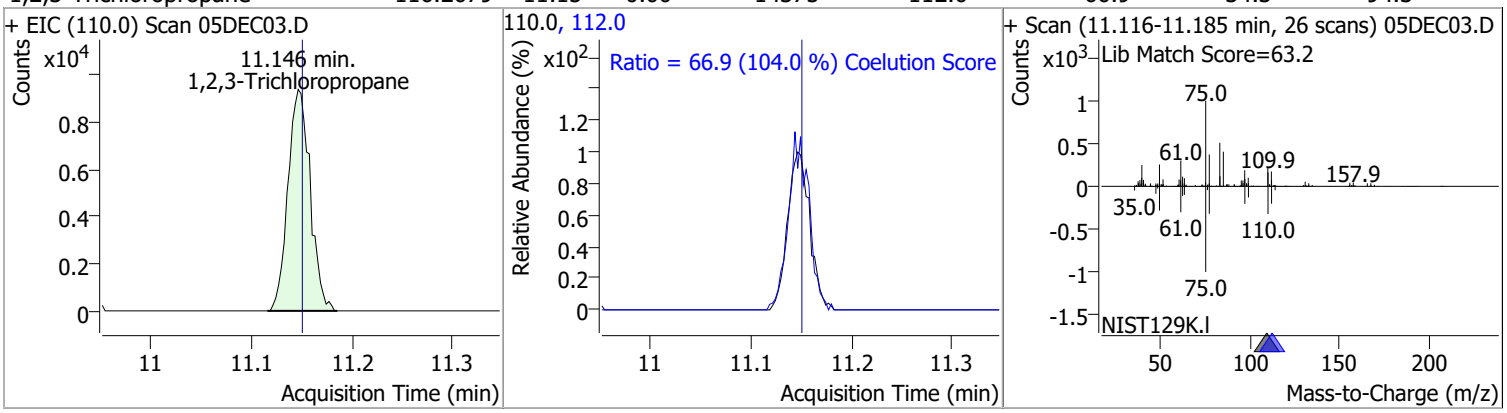
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	125.0495	11.09	0.00	98864	77.0	150.7	118.1	178.1
					158.0	99.5	68.4	128.4



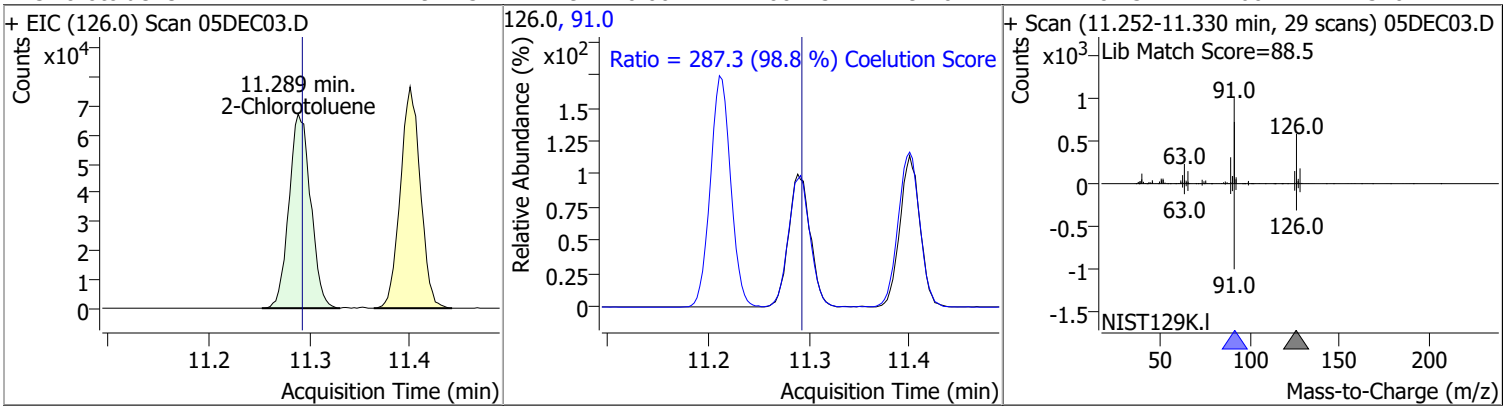
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	123.3695	11.11	0.00	57532	85.0	65.9	34.1	94.1



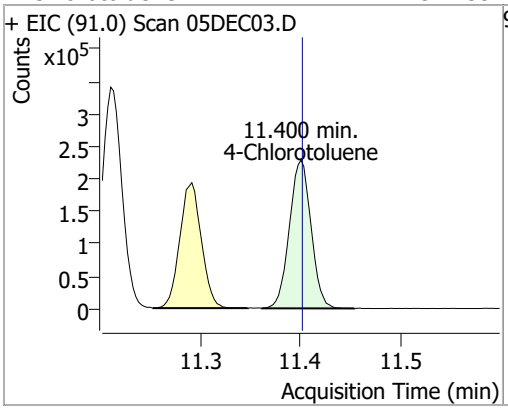
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	116.2679	11.15	0.00	14375	112.0	66.9	34.3	94.3

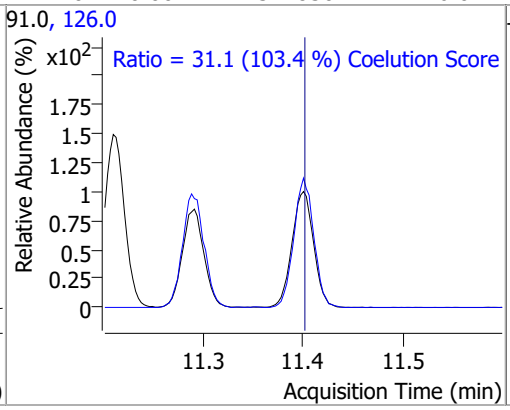


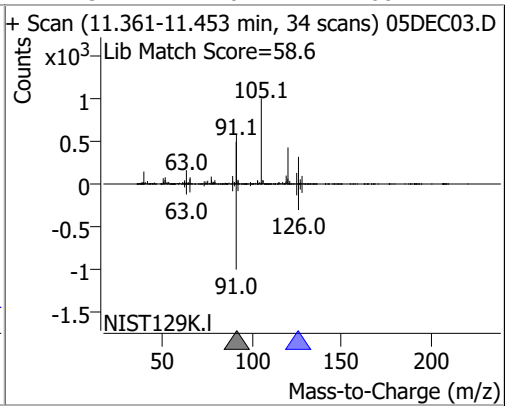
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	129.7131	11.29	0.00	100715	91.0	287.3	260.7	320.7



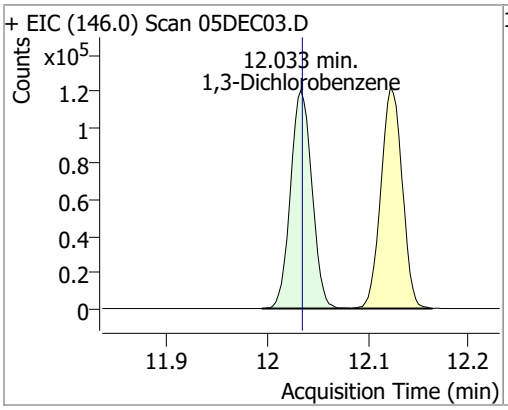
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	129.7799	11.40	0.00	341830	126.0	31.1	0.1	60.1

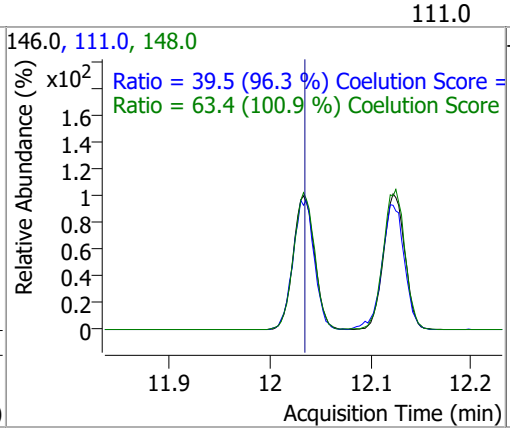


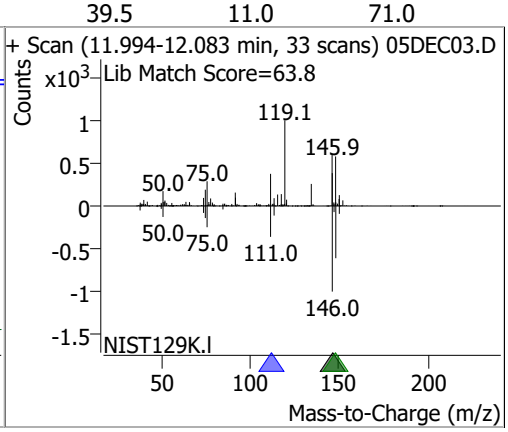




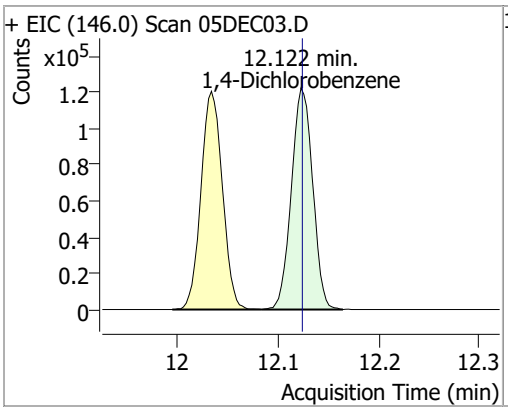
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	125.6288	12.03	0.00	178462	148.0	63.4	32.9	92.9
					111.0	39.5	11.0	71.0

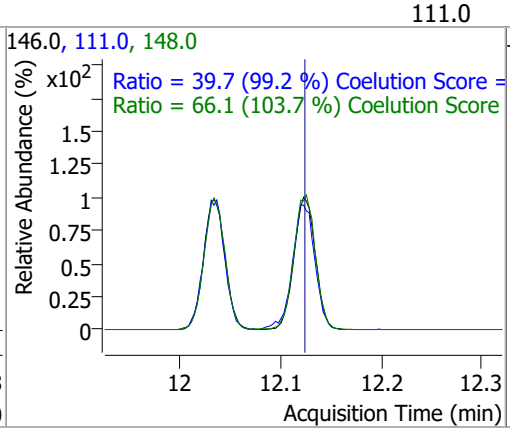


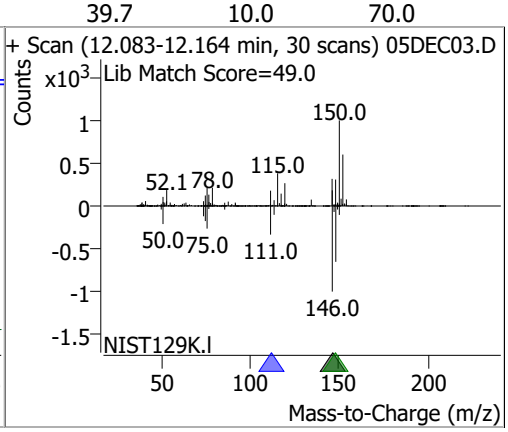




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	123.2321	12.12	0.00	180248	148.0	66.1	33.8	93.8
					111.0	39.7	10.0	70.0

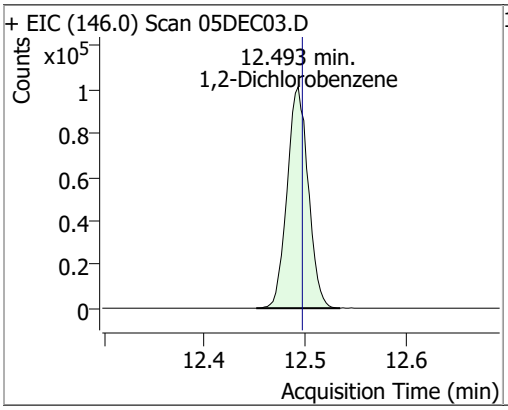


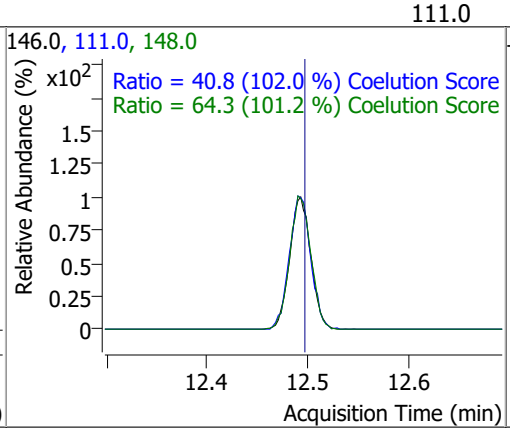


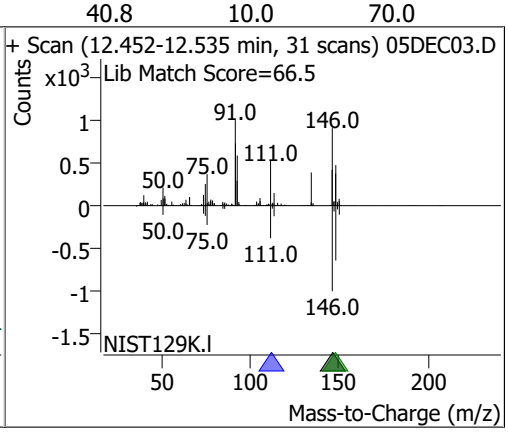


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	125.4670	12.49	0.00	147902	148.0	64.3	33.5	93.5
					111.0	40.8	10.0	70.0







Quantitation Results Report (QT Reviewed)

Data File	05DEC04.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 12:30:11 PM
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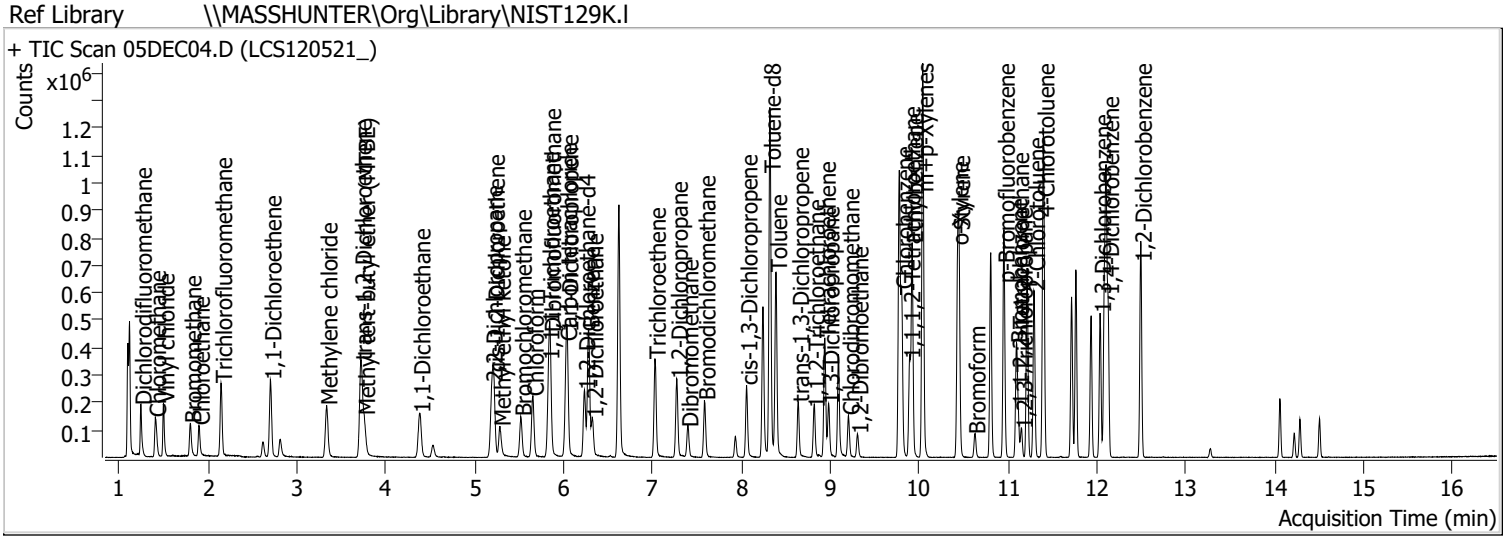
Vial	4	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

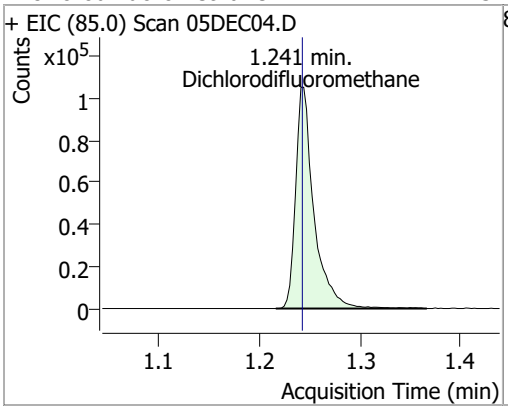


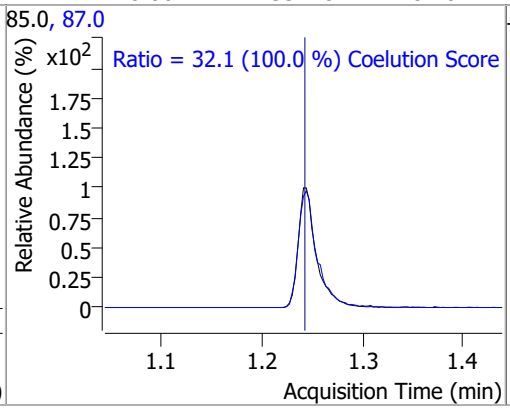
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	775013	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	291337	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	236131	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	192617	260.9616	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.38%		
S 1,2-Dichloroethane-d4	6.233	67.0	85636	252.1704	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 100.87%		
S Toluene-d8	8.319	98.0	771083	267.9366	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 107.17%		
S p-Bromofluorobenzene	10.951	95.0	237061	261.5604	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.62%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	133448	124.7743	ng	100
T Chloromethane	1.406	50.0	151756	123.4036	ng	99
T Vinyl chloride	1.498	62.0	143234	122.0722	ng	100
T Bromomethane	1.802	96.0	62953	134.4346	ng	98
T Chloroethane	1.897	64.0	80148	122.7467	ng	99
T Trichlorofluoromethane	2.145	101.0	184451	120.2591	ng	98
T 1,1-Dichloroethene	2.700	96.0	97420	118.9096	ng	97
T Methylene chloride	3.333	49.0	130851	115.2633	ng	96
T trans-1,2-Dichloroethene	3.718	96.0	100711	123.0998	ng	99
T Methyl tert-butyl ether (MTBE)	3.757	73.0	137713	133.2710	ng	98
T 1,1-Dichloroethane	4.378	63.0	194301	124.9778	ng	98
T 2,2-Dichloropropane	5.190	77.0	144104	124.9715	ng	100
T cis-1,2-Dichloroethene	5.212	96.0	102266	121.9247	ng	97
T Methyl ethyl ketone	5.282	43.0	138391	1284.0511	ng	95
T Bromochloromethane	5.516	128.0	39492	123.2544	ng	99
T Chloroform	5.653	83.0	177231	118.8083	ng	100

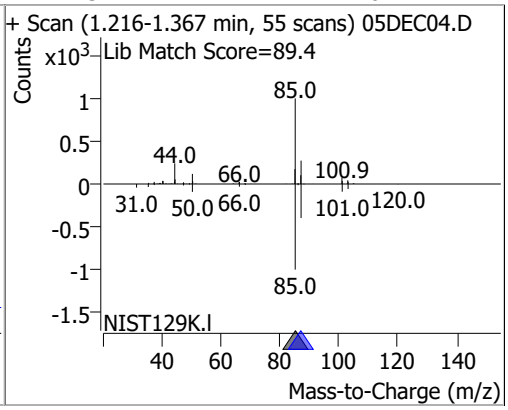
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.829	97.0	168232	116.9537	ng	99
T Carbon tetrachloride	6.027	117.0	159658	113.8171	ng	98
T 1,1-Dichloropropene	6.040	75.0	142078	113.4318	ng	99
T Benzene	6.280	78.0	395933	124.2059	ng	100
T 1,2-Dichloroethane	6.322	62.0	103116	122.8887	ng	99
T Trichloroethene	7.025	95.0	112691	119.3527	ng	98
T 1,2-Dichloropropane	7.270	63.0	99648	126.9624	ng	99
T Dibromomethane	7.393	93.0	40805	123.8846	ng	96
T Bromodichloromethane	7.583	83.0	117466	126.2122	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	123559	120.3975	ng	96
T Toluene	8.388	92.0	250494	128.1831	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	93701	128.1170	ng	96
T 1,1,2-Trichloroethane	8.812	83.0	47944	126.1545	ng	99
T Tetrachloroethene	8.935	163.8	94169	120.3917	ng	99
T 1,3-Dichloropropane	8.980	76.0	94206	123.2699	ng	99
T Chlorodibromomethane	9.203	129.0	70471	124.0150	ng	97
T 1,2-Dibromoethane	9.303	107.0	51035	124.9765	ng	98
T Chlorobenzene	9.802	112.0	272589	128.3737	ng	98
T 1,1,1,2-Tetrachloroethane	9.889	131.0	92342	124.0132	ng	98
T Ethylbenzene	9.919	91.0	472636	126.7936	ng	100
T m+p-Xylenes	10.037	106.0	364899	253.1613	ng	99
T o-Xylene	10.430	106.0	167257	130.5530	ng	98
T Styrene	10.446	104.0	278302	135.2117	ng	100
T Bromoform	10.622	172.5	38609	130.6375	ng	98
T Bromobenzene	11.093	156.0	103692	128.8767	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	59486	125.3426	ng	98
T 1,2,3-Trichloropropane	11.152	110.0	14623	116.2182	ng	100
T 2-Chlorotoluene	11.291	126.0	103772	131.3274	ng	99
T 4-Chlorotoluene	11.397	91.0	352728	131.5899	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	188393	130.3148	ng	98
T 1,4-Dichlorobenzene	12.122	146.0	190025	127.6584	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	156716	130.6334	ng	99

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

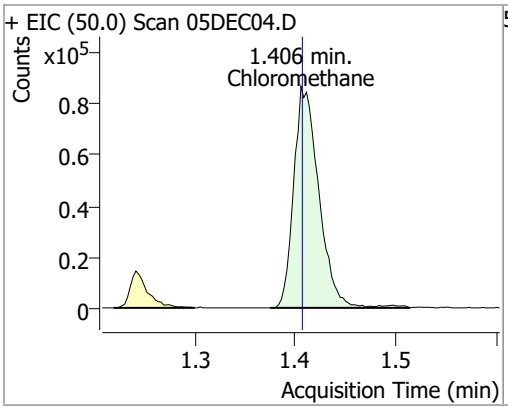
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	124.7743	1.24	0.00	133448	87.0	32.1	2.1	62.1

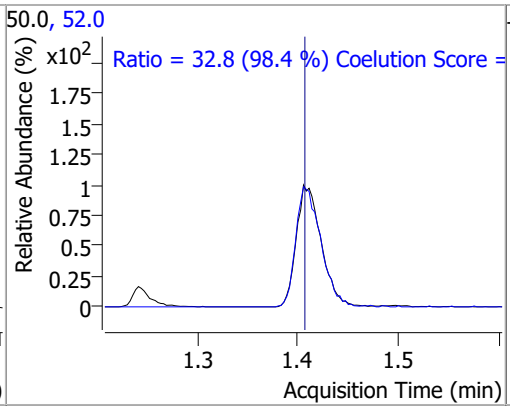


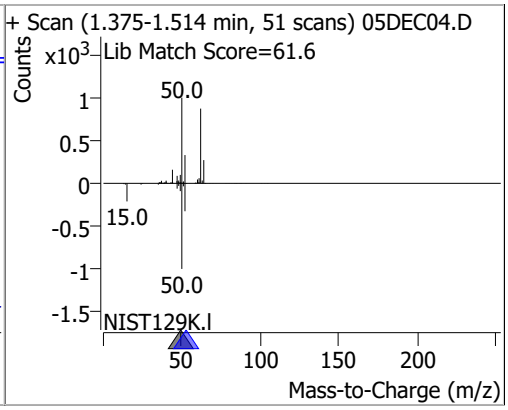




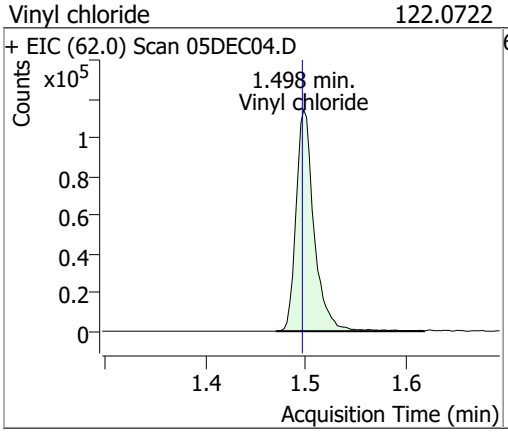
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	123.4036	1.41	0.00	151756	52.0	32.8	3.4	63.4

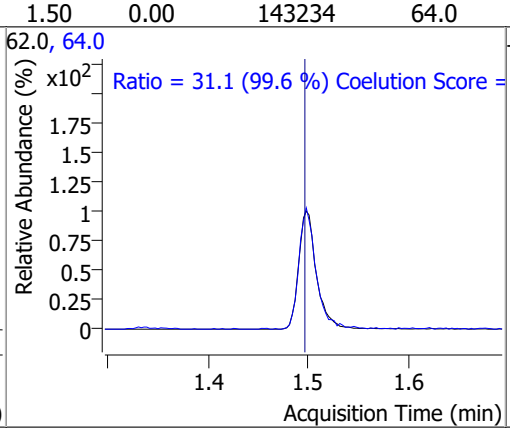


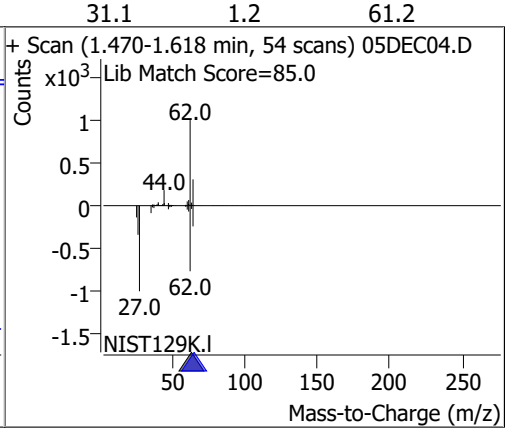




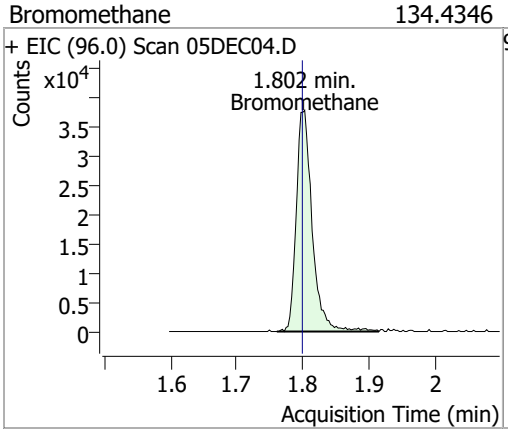
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	122.0722	1.50	0.00	143234	64.0	31.1	1.2	61.2

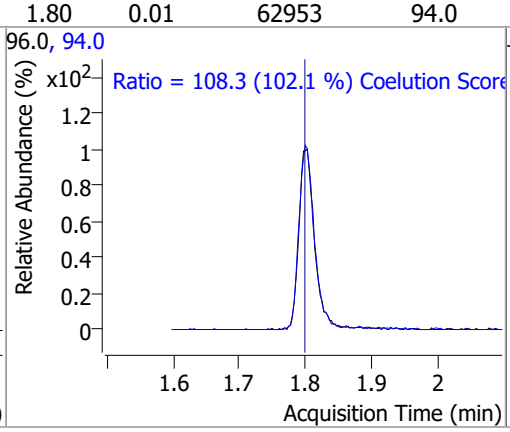


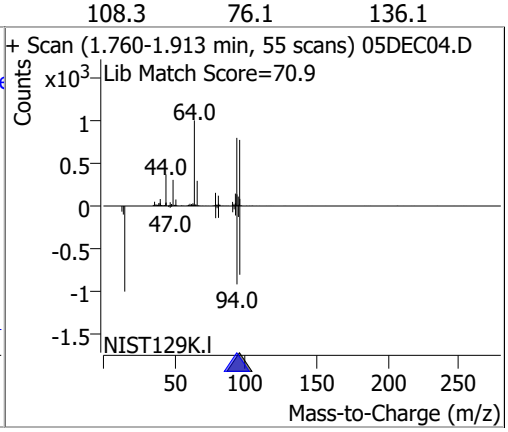




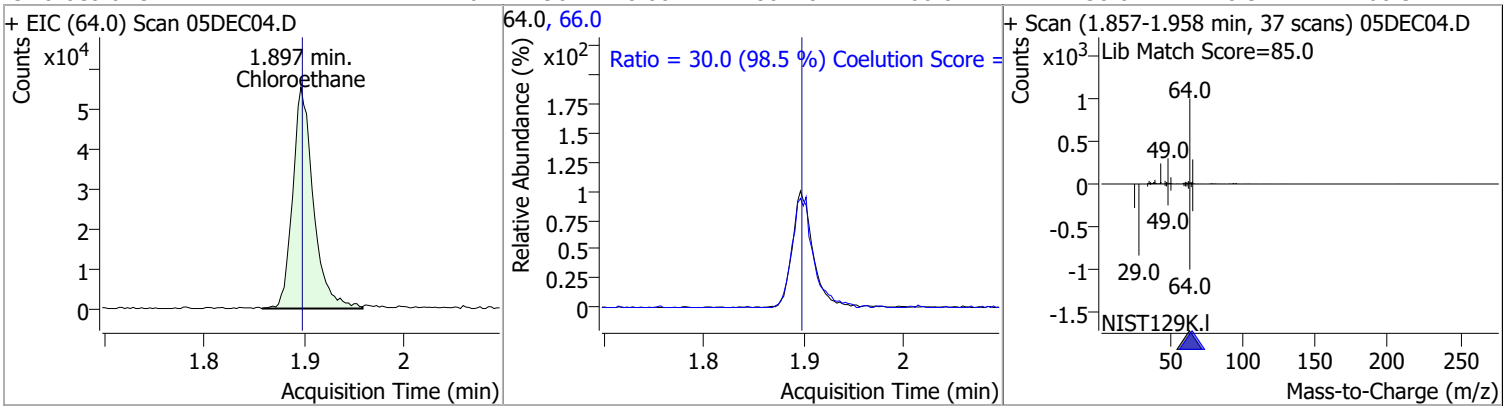
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	134.4346	1.80	0.01	62953	94.0	108.3	76.1	136.1



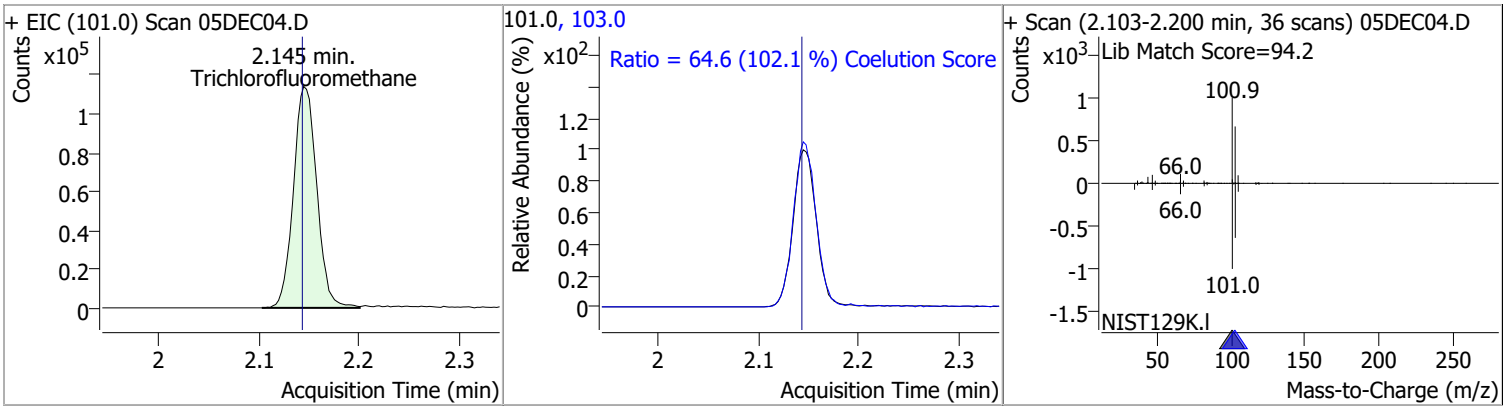




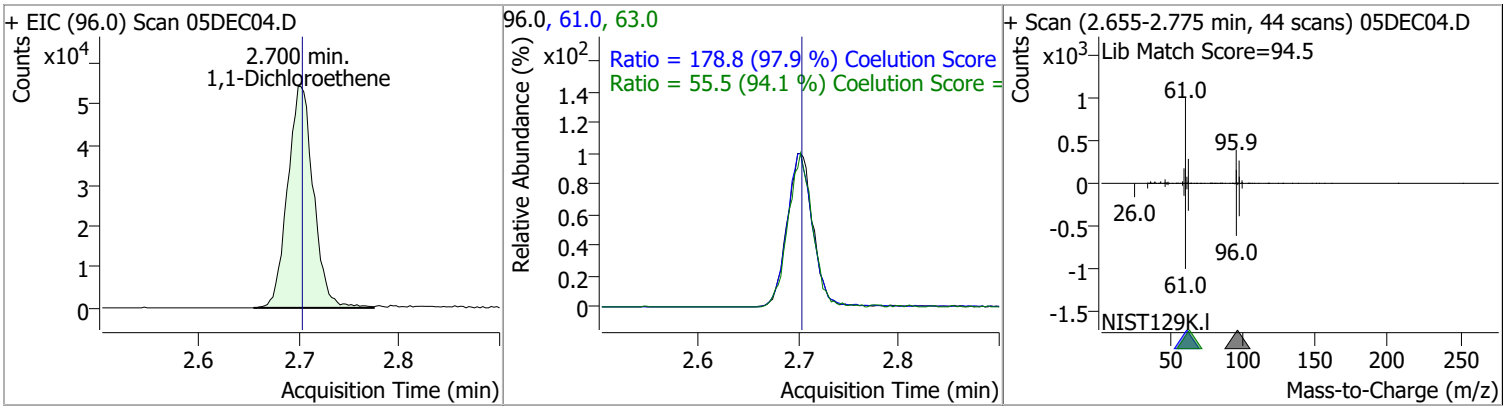
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	122.7467	1.90	0.00	80148	66.0	30.0	0.5	60.5



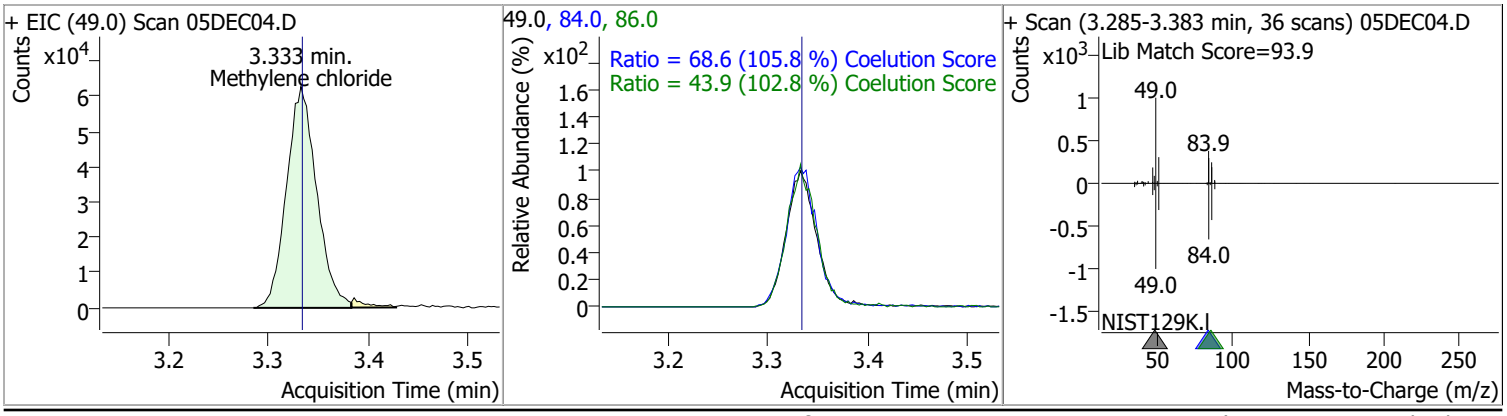
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	120.2591	2.14	0.00	184451	103.0	64.6	33.3	93.3



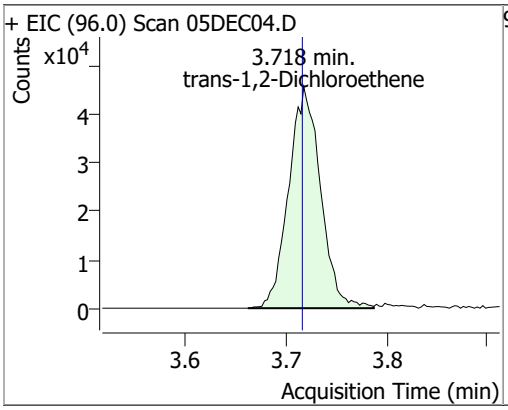
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	118.9096	2.70	0.00	97420	61.0	178.8	152.6	212.6
					63.0	55.5	28.9	88.9

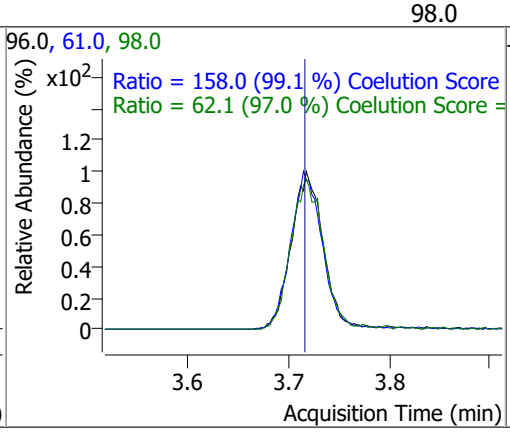


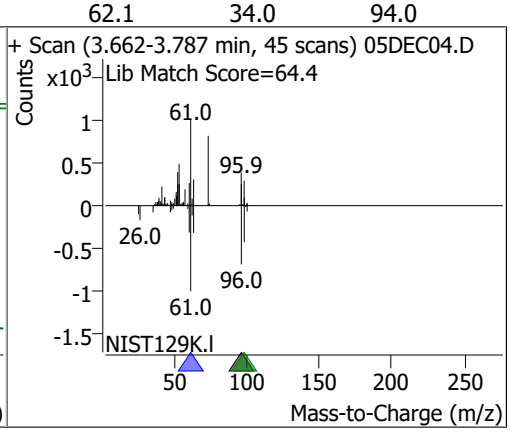
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	115.2633	3.33	0.00	130851	84.0	68.6	34.8	94.8
					86.0	43.9	12.7	72.7



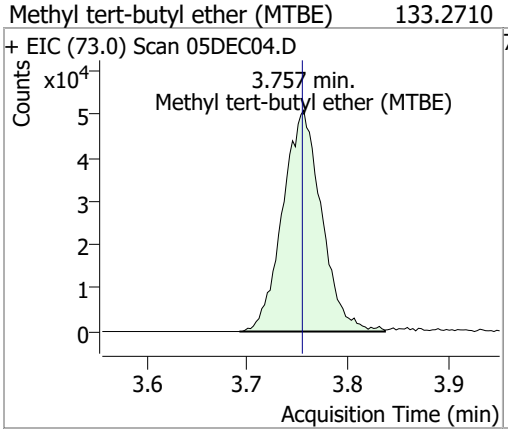
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	123.0998	3.72	0.00	100711	61.0	158.0	129.4	189.4
					98.0	62.1	34.0	94.0

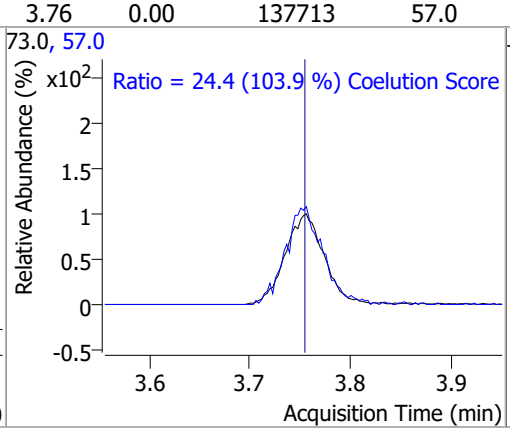


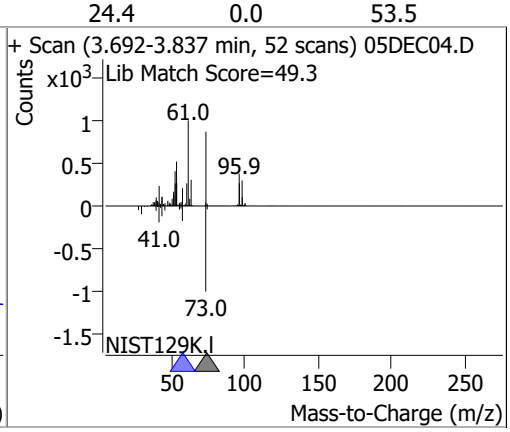




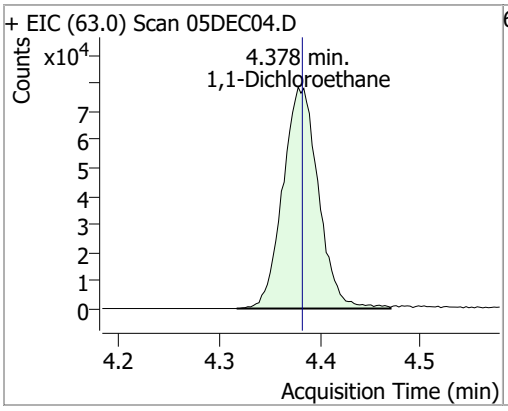
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	133.2710	3.76	0.00	137713	57.0	24.4	0.0	53.5

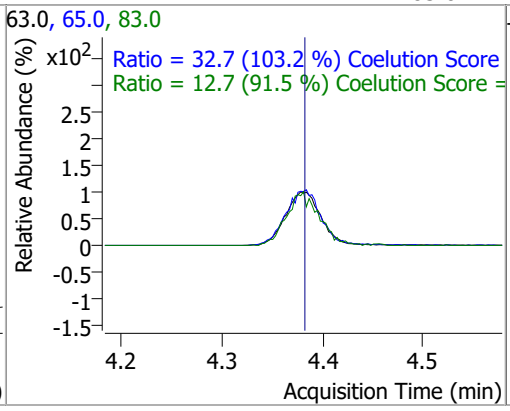


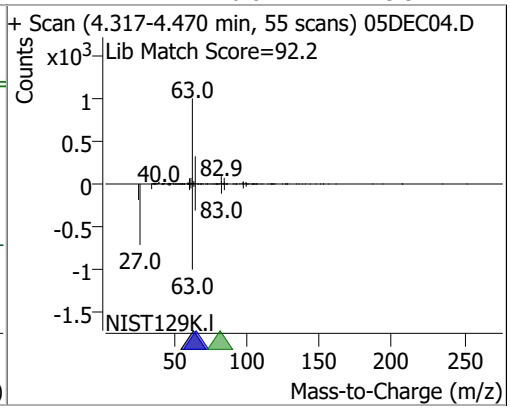




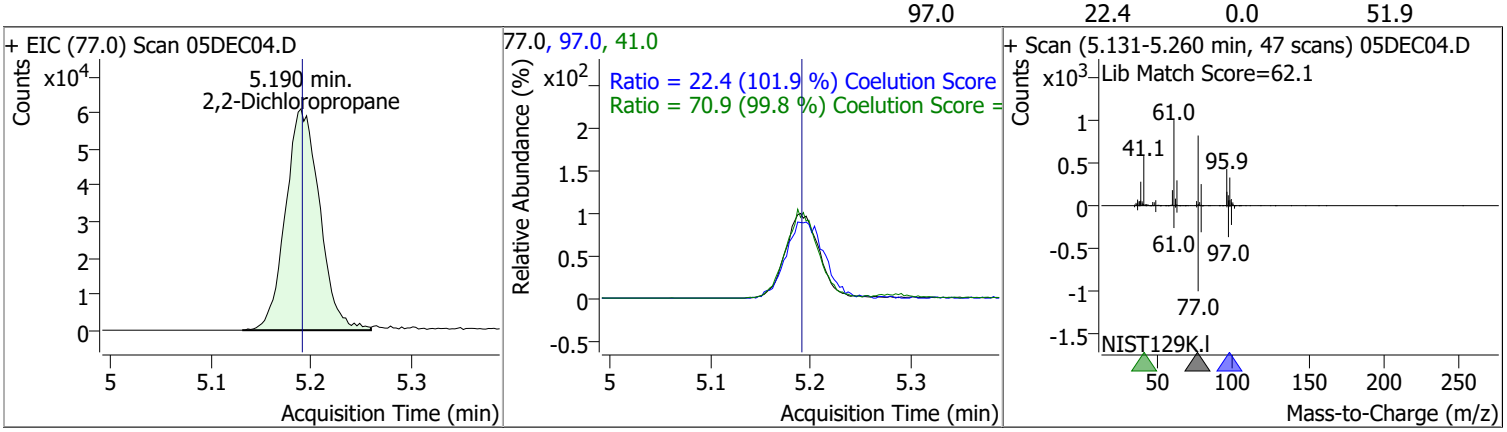
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	124.9778	4.38	0.00	194301	65.0	32.7	1.7	61.7
					83.0	12.7	0.0	43.9



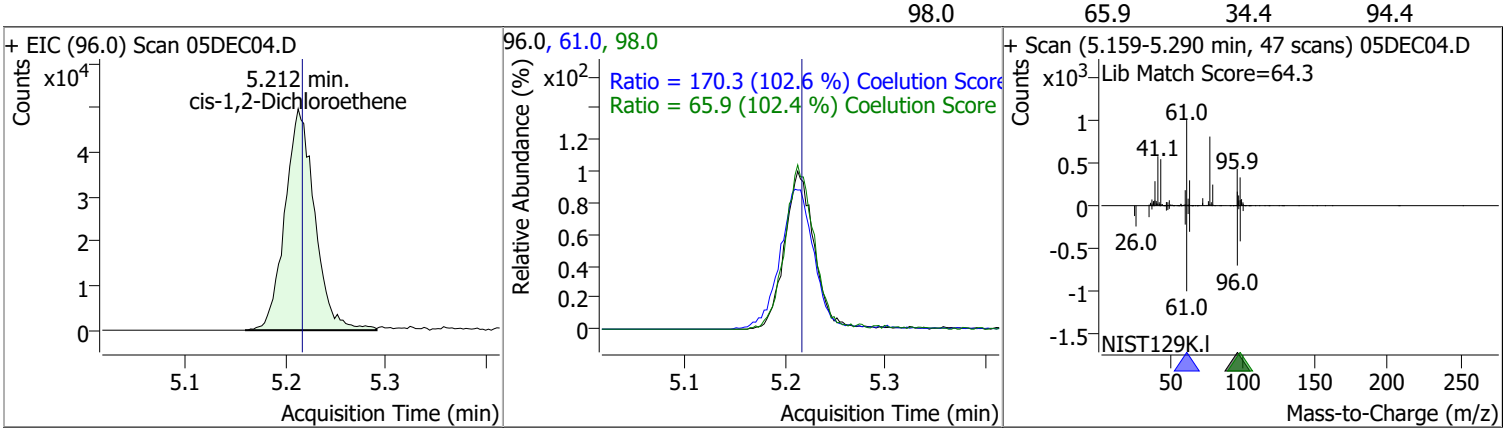




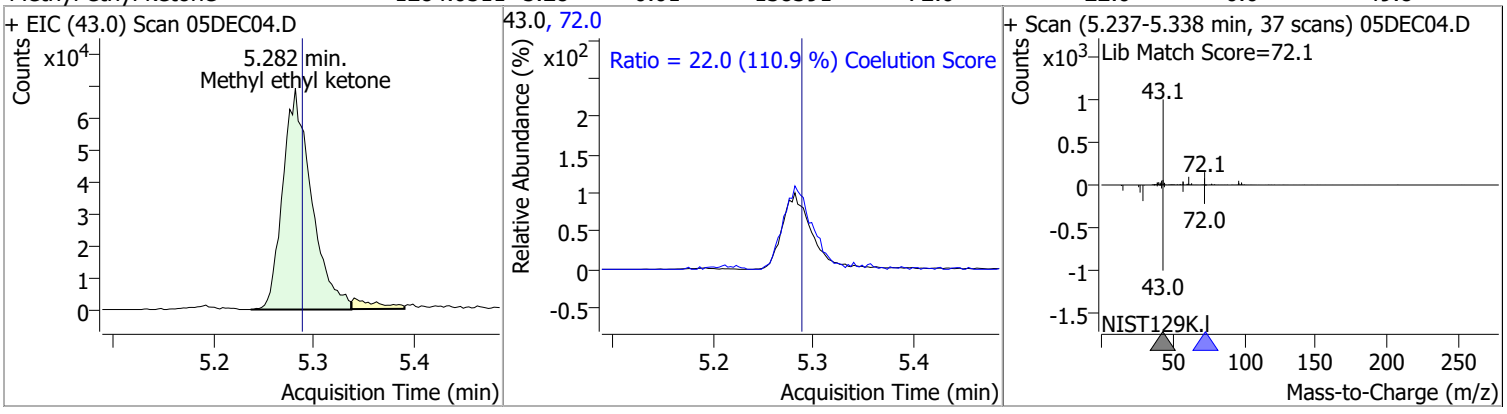
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	124.9715	5.19	0.00	144104	41.0	70.9	41.0	101.0
					97.0	22.4	0.0	51.9



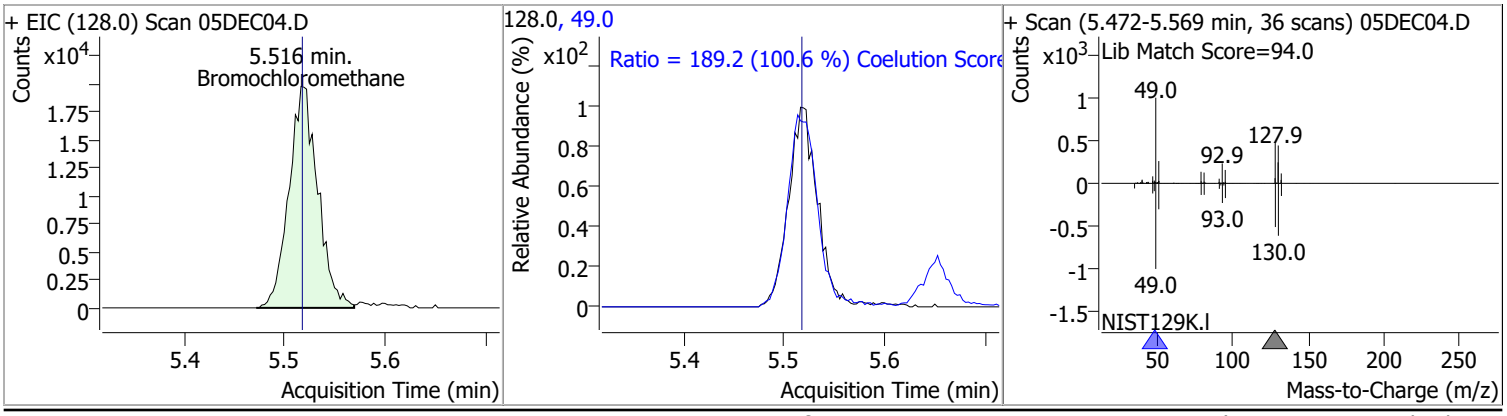
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	121.9247	5.21	0.00	102266	61.0	170.3	135.9	195.9
					98.0	65.9	34.4	94.4



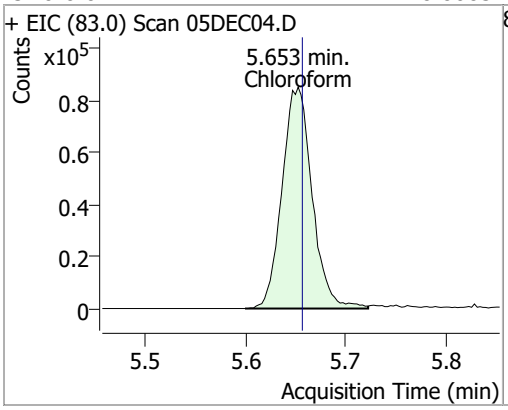
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1284.0511	5.28	-0.01	138391	72.0	22.0	0.0	49.8

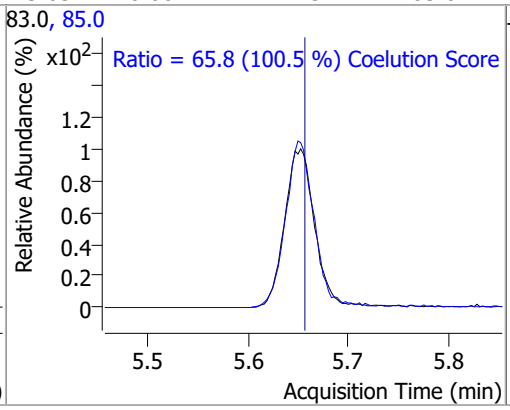


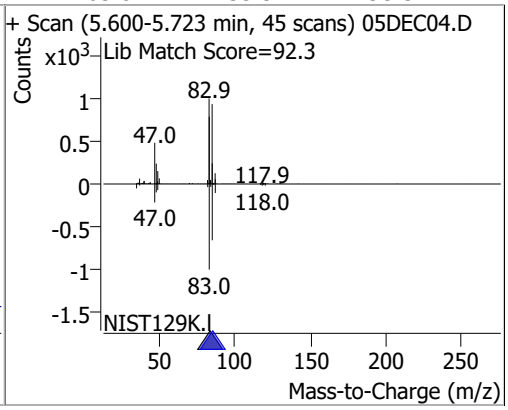
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	123.2544	5.52	0.00	39492	49.0	189.2	158.1	218.1



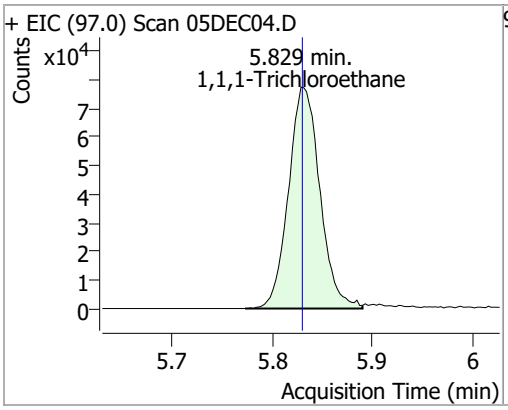
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	118.8083	5.65	0.00	177231	85.0	65.8	35.5	95.5

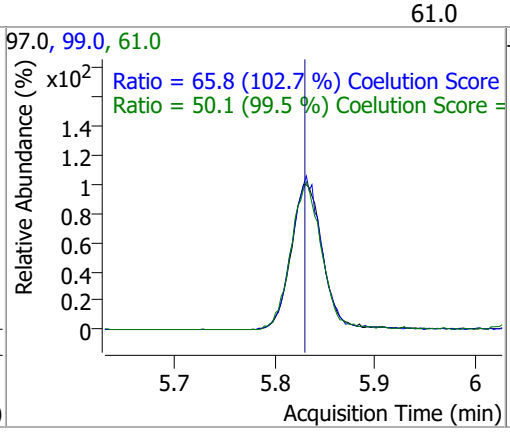


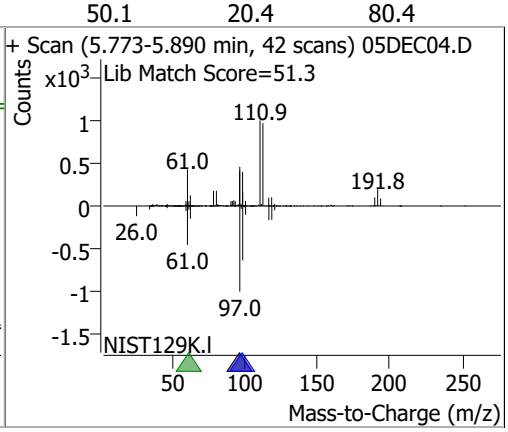




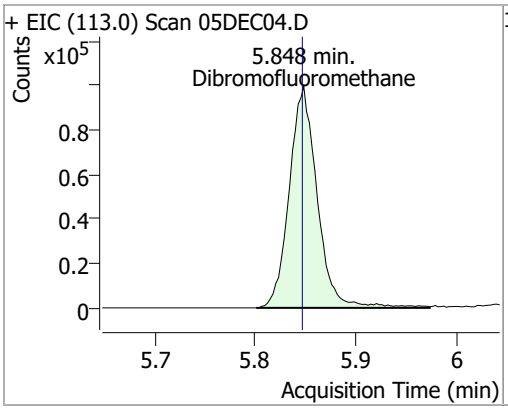
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	116.9537	5.83	0.00	168232	99.0	65.8	34.0	94.0
					61.0	50.1	20.4	80.4

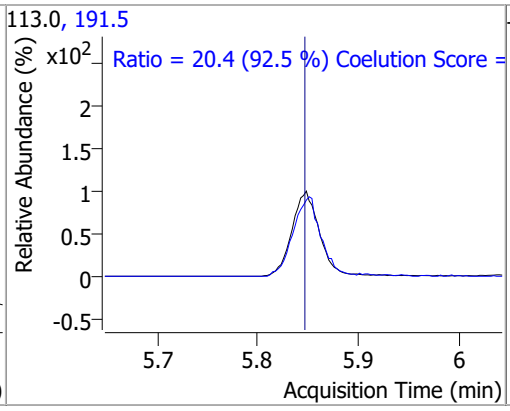


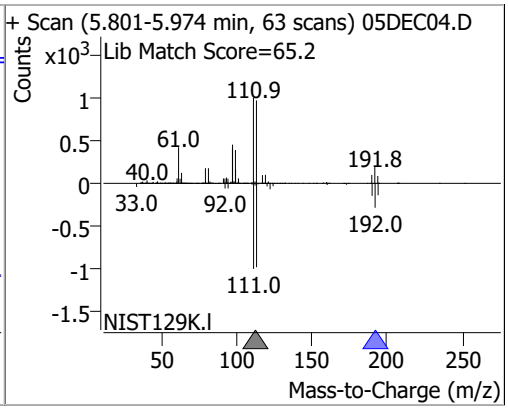




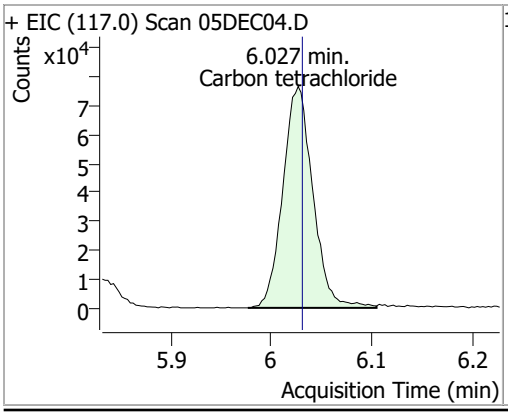
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	260.9616	5.85	0.00	192617	191.5	20.4	0.0	52.1

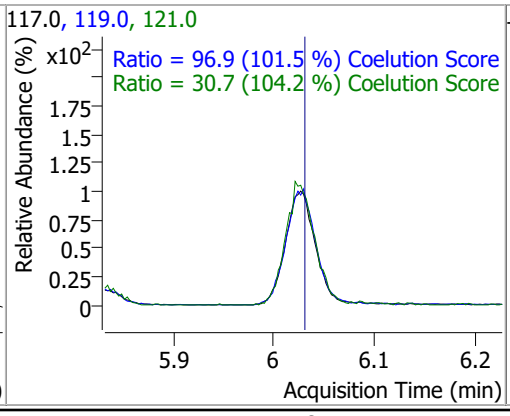


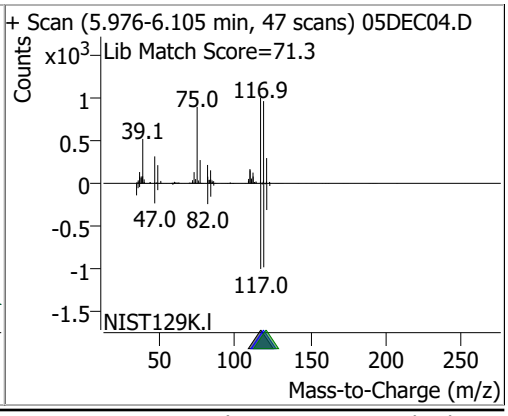




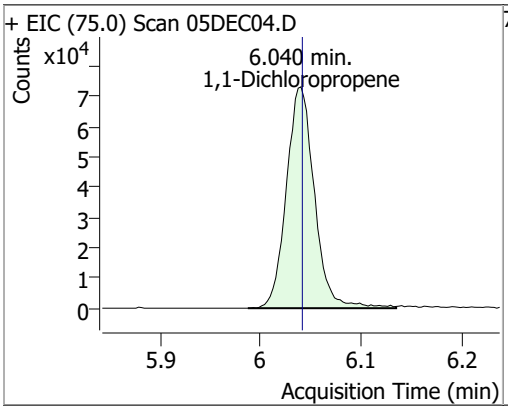
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	113.8171	6.03	0.00	159658	119.0	96.9	65.4	125.4
					121.0	30.7	0.0	59.5

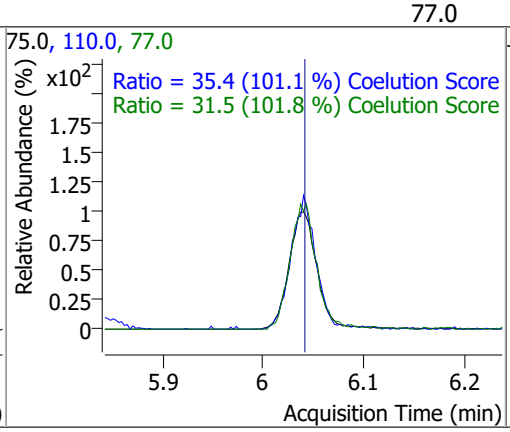


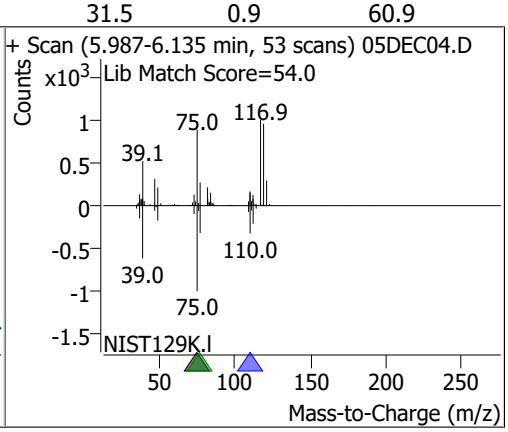




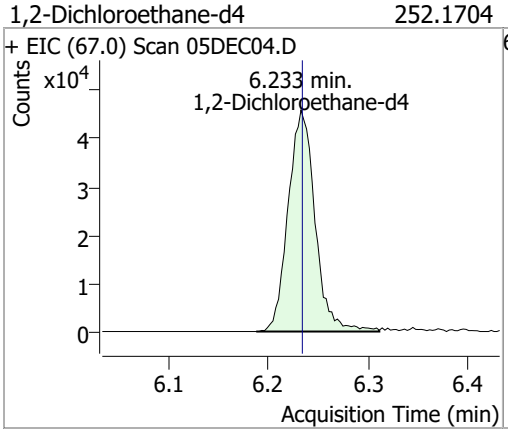
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	113.4318	6.04	0.00	142078	110.0	35.4	5.0	65.0
					77.0	31.5	0.9	60.9

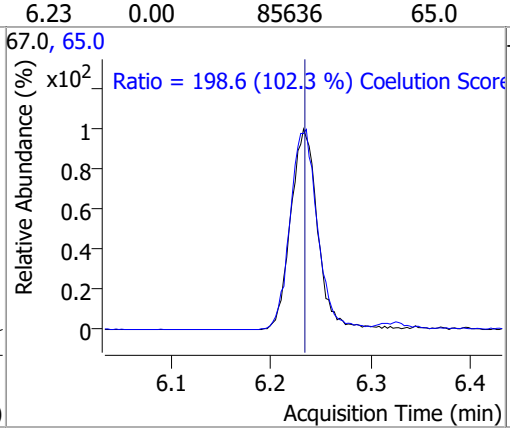


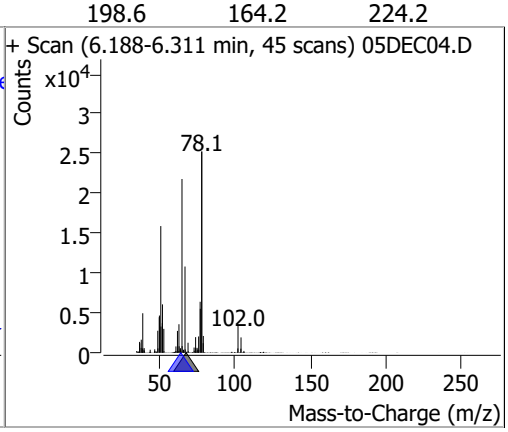




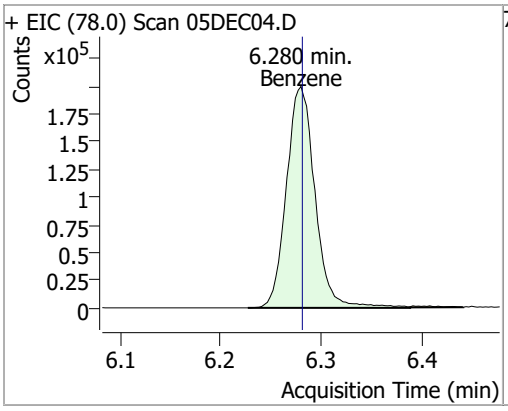
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	252.1704	6.23	0.00	85636	65.0	198.6	164.2	224.2

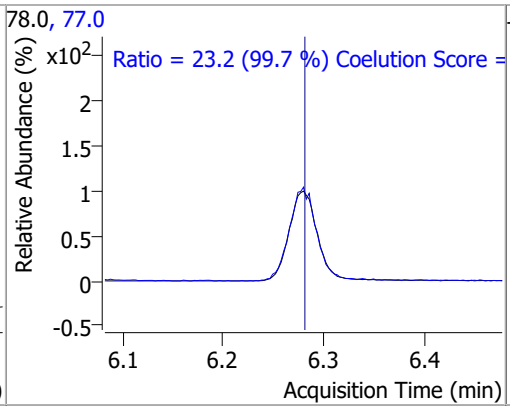


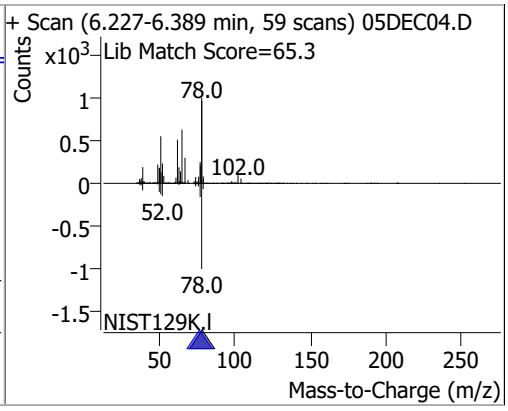




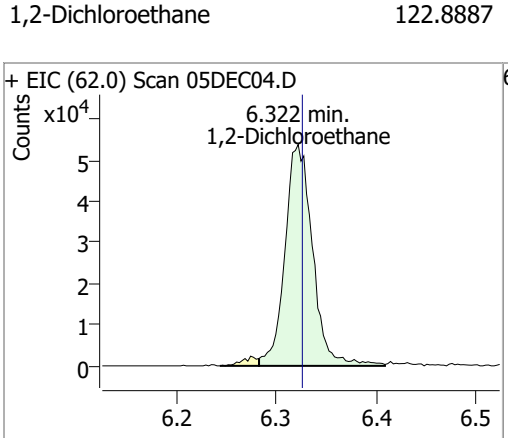
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	124.2059	6.28	0.00	395933	77.0	23.2	0.0	53.3

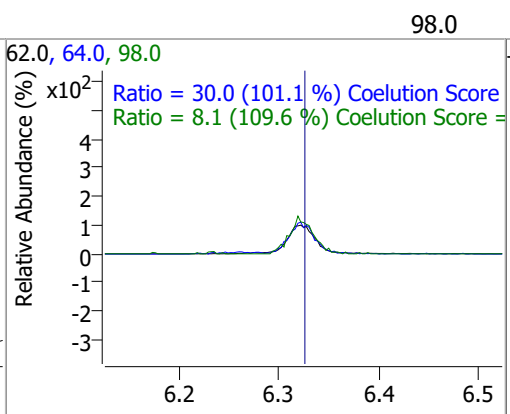


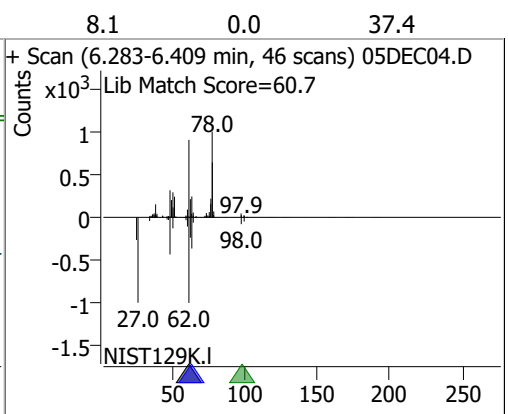




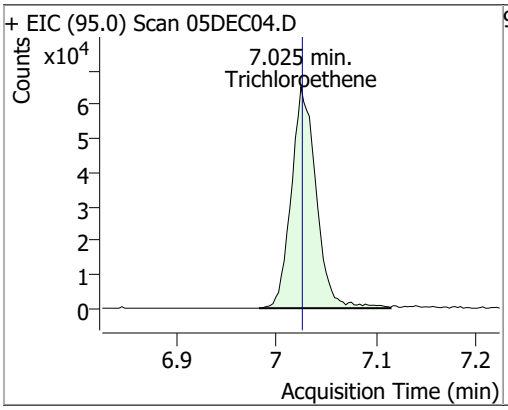
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	122.8887	6.32	0.00	103116	64.0	30.0	0.0	59.6
					98.0	8.1	0.0	37.4

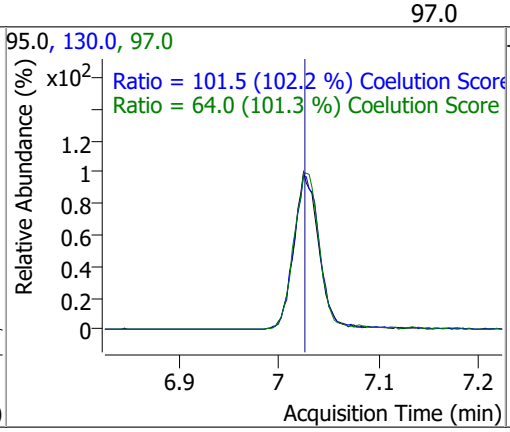


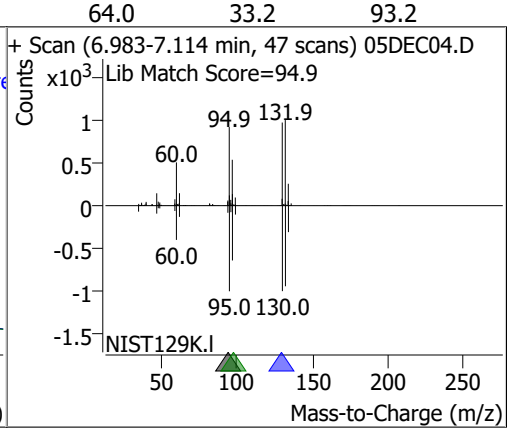




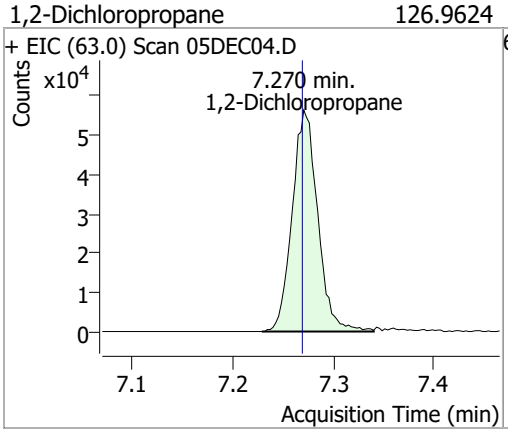
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	119.3527	7.02	0.00	112691	130.0	101.5	69.3	129.3
					97.0	64.0	33.2	93.2

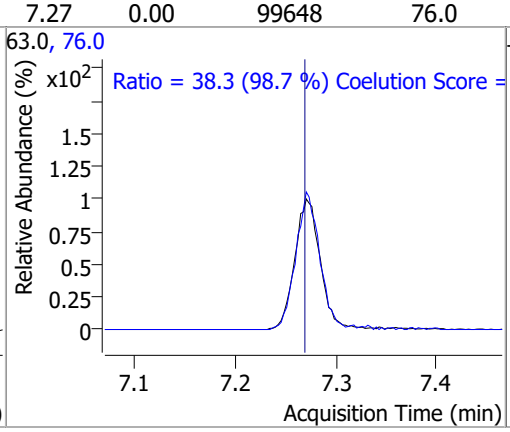


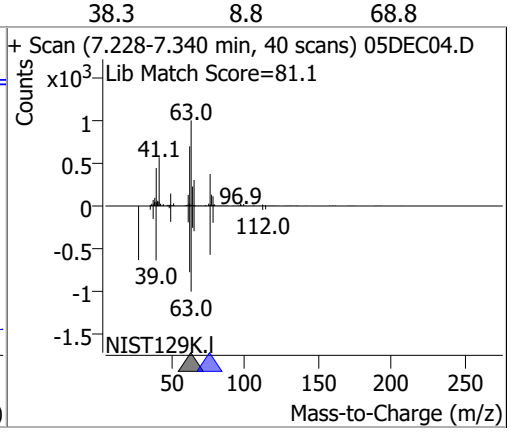




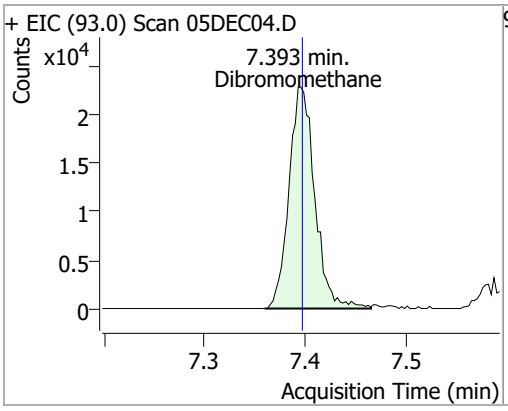
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	126.9624	7.27	0.00	99648	76.0	38.3	8.8	68.8

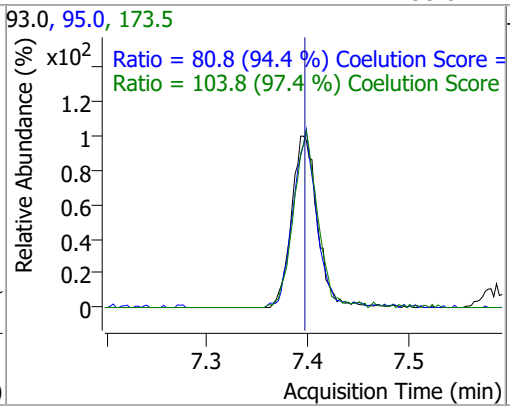


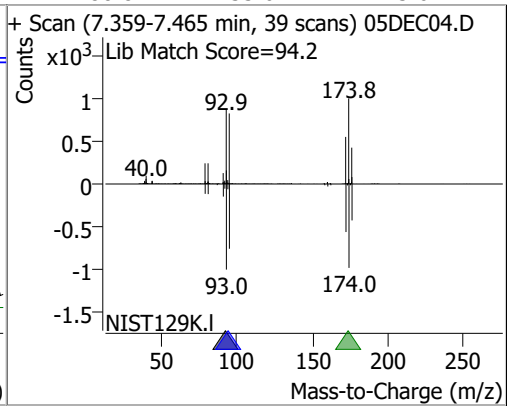




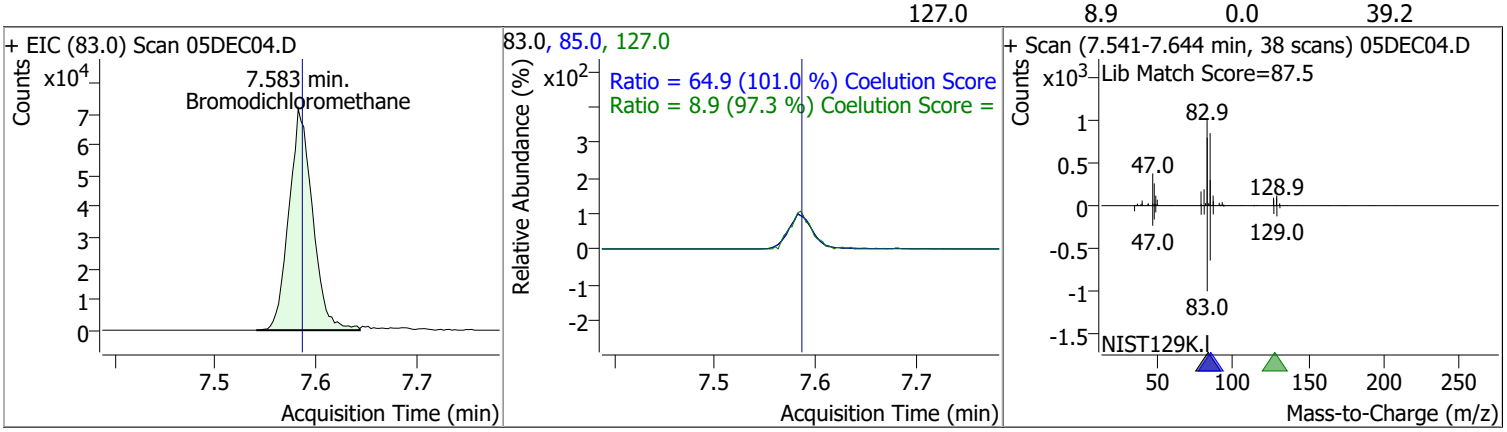
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	123.8846	7.39	0.00	40805	173.5	103.8	76.6	136.6
					95.0	80.8	55.6	115.6



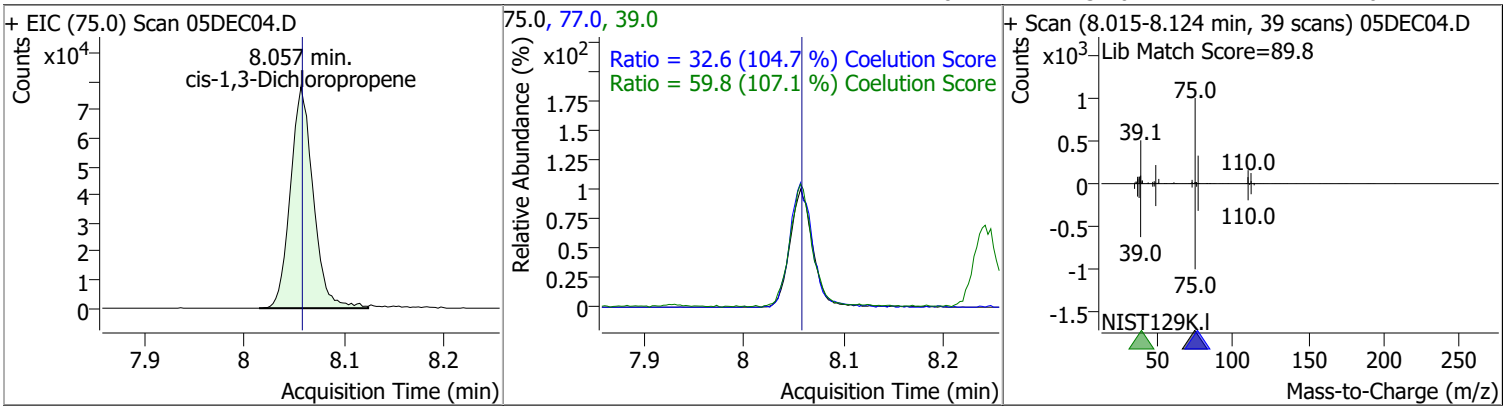




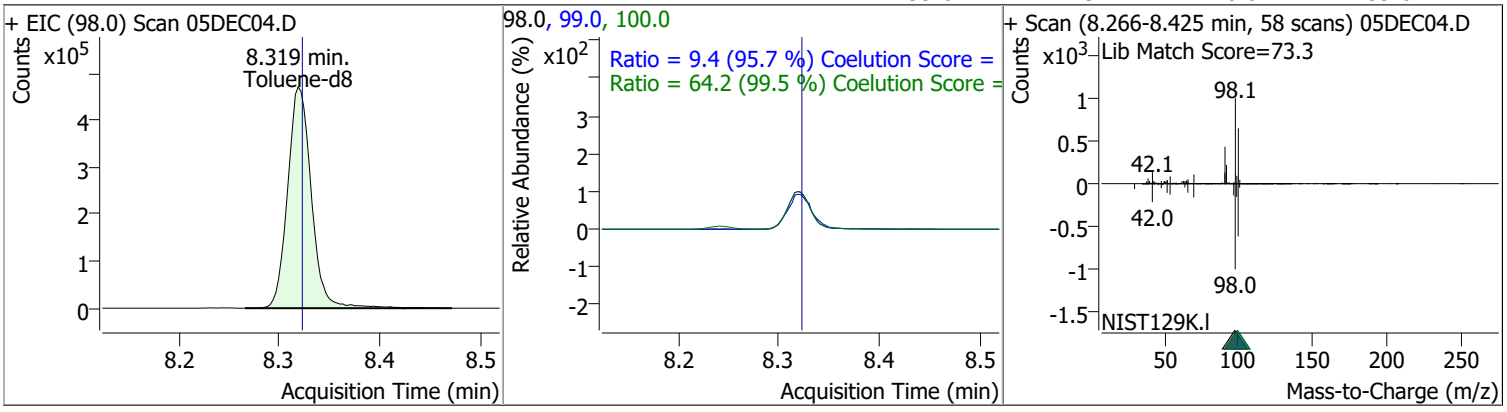
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	126.2122	7.58	0.00	117466	85.0	64.9	34.3	94.3
					127.0	8.9	0.0	39.2



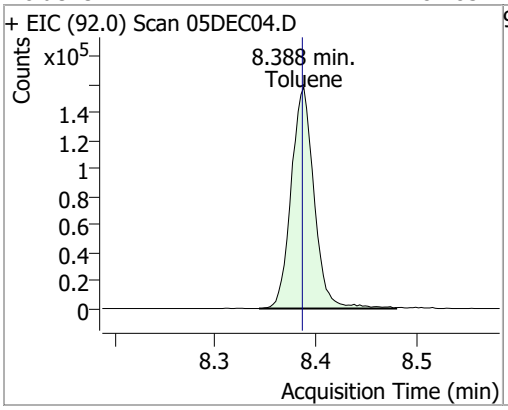
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	120.3975	8.06	0.00	123559	39.0	59.8	25.9	85.9
					77.0	32.6	1.2	61.2

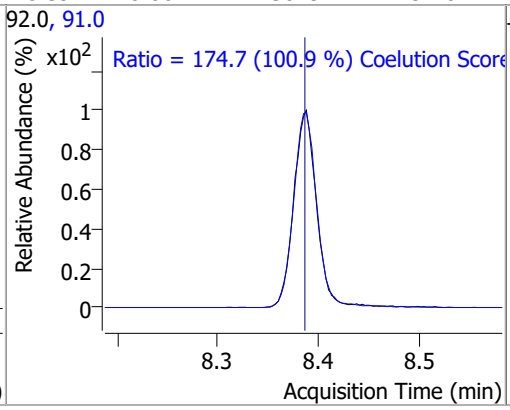


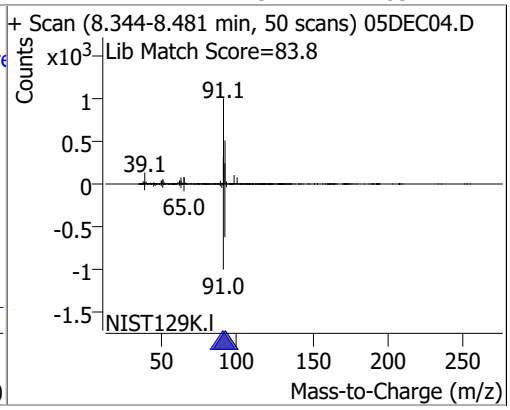
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	267.9366	8.32	0.00	771083	100.0	64.2	34.6	94.6
					99.0	9.4	0.0	39.8



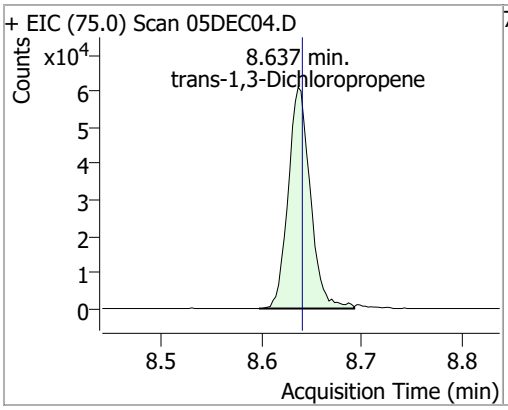
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	128.1831	8.39	0.00	250494	91.0	174.7	143.1	203.1

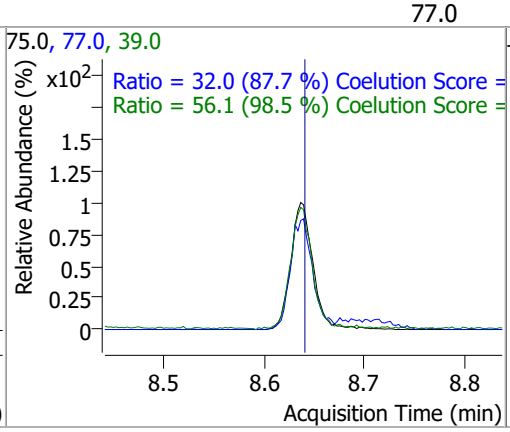


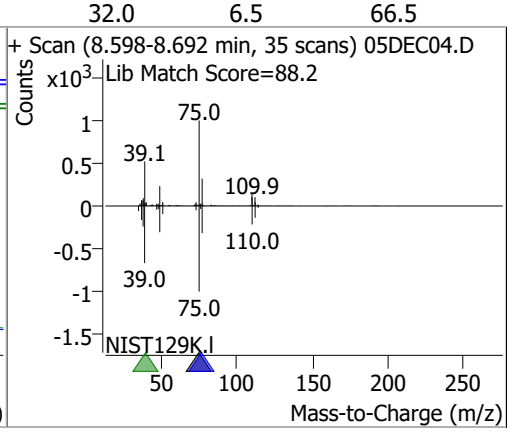




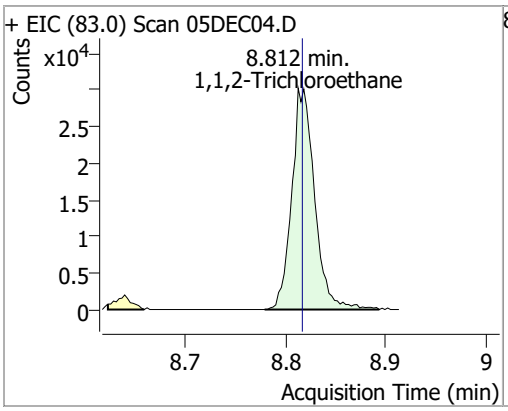
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	128.1170	8.64	0.00	93701	39.0	56.1	27.0	87.0
					77.0	32.0	6.5	66.5

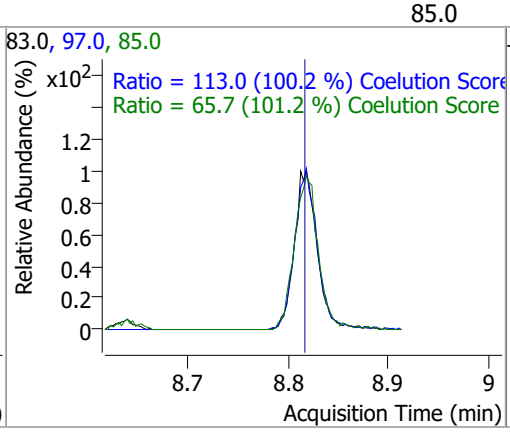


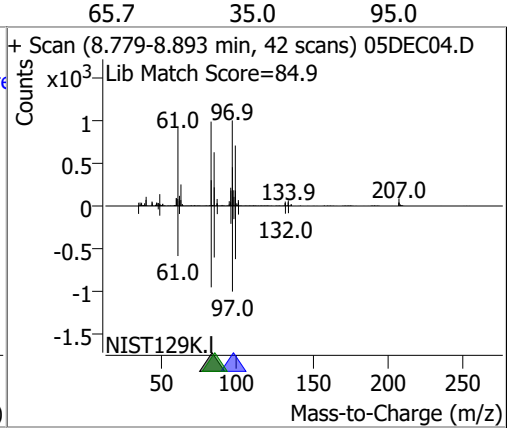




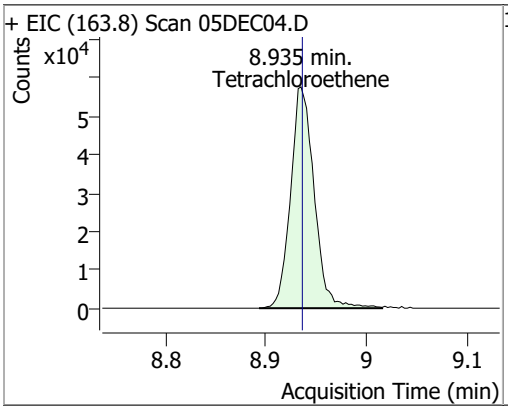
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	126.1545	8.81	0.00	47944	97.0	113.0	82.7	142.7
					85.0	65.7	35.0	95.0

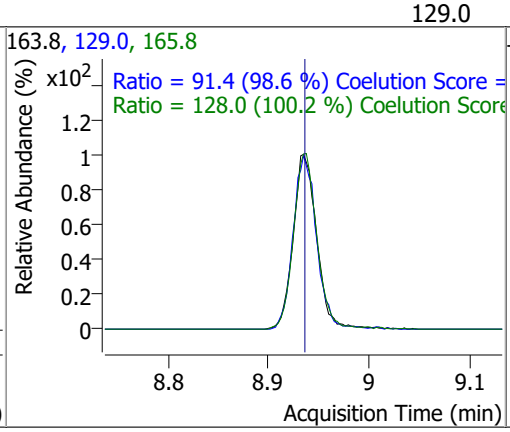


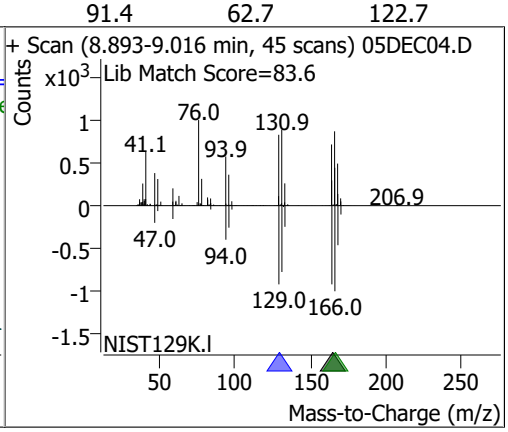




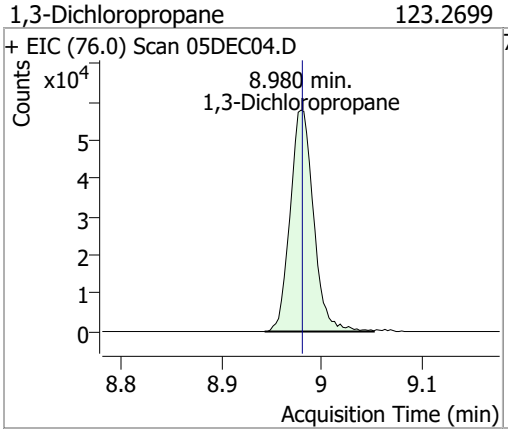
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	120.3917	8.94	0.00	94169	165.8	128.0	97.7	157.7
					129.0	91.4	62.7	122.7

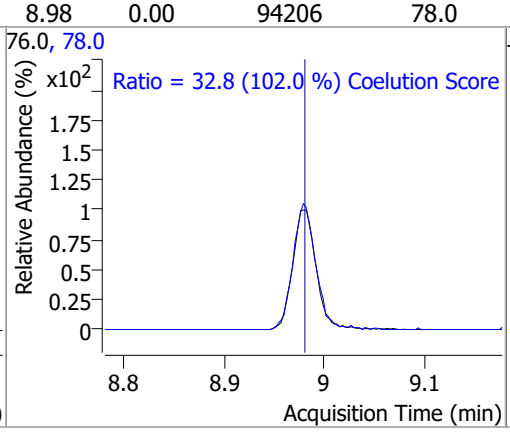


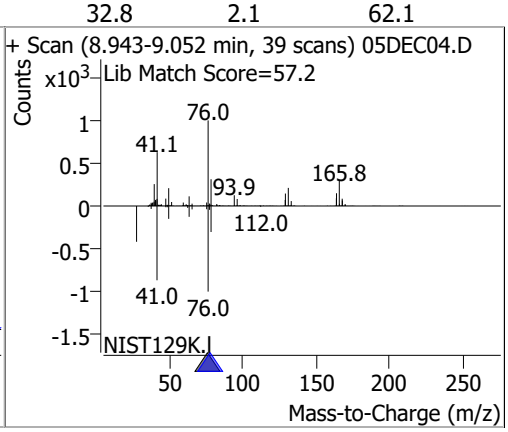




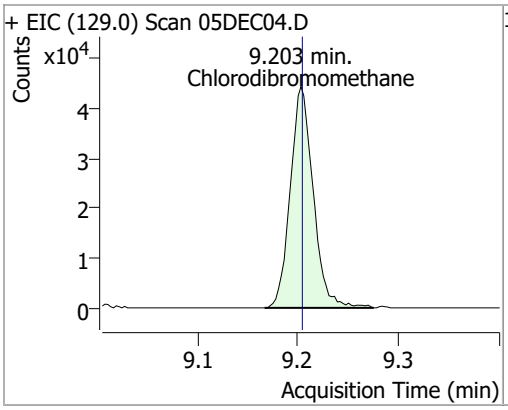
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	123.2699	8.98	0.00	94206	78.0	32.8	2.1	62.1

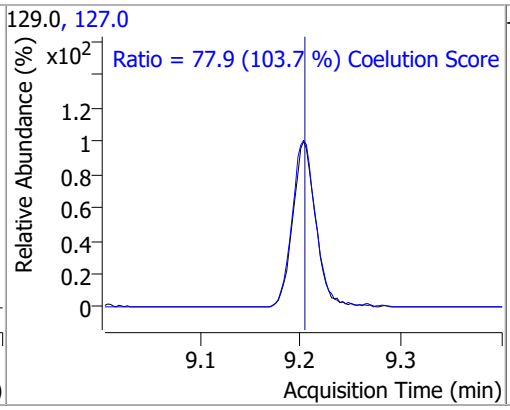


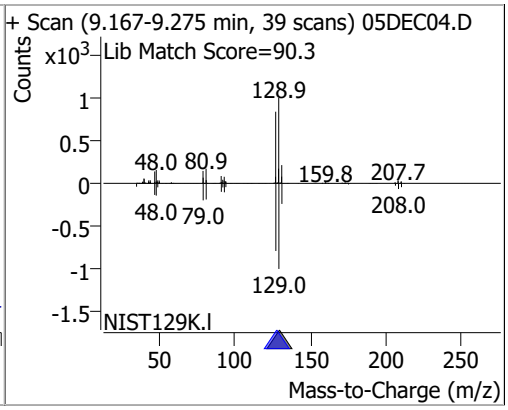




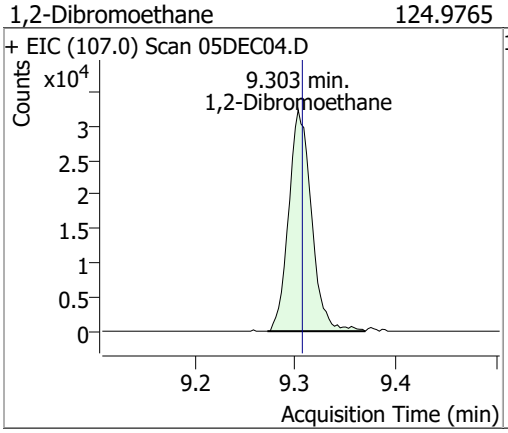
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	124.0150	9.20	0.00	70471	127.0	77.9	45.1	105.1

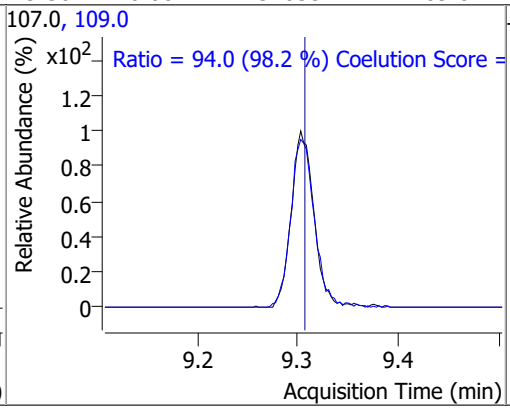


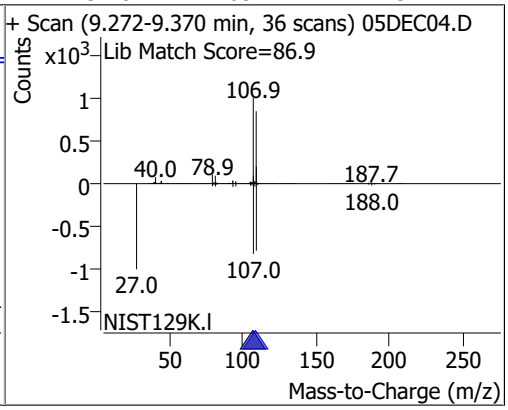




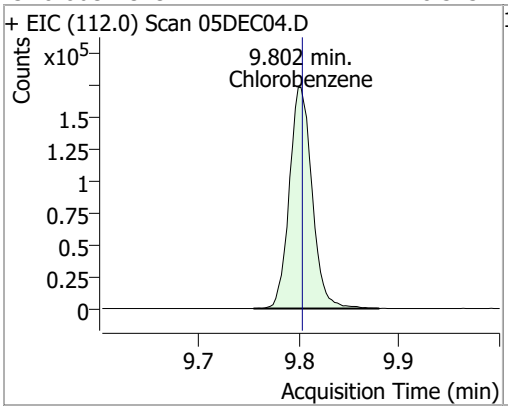
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	124.9765	9.30	0.00	51035	109.0	94.0	65.7	125.7

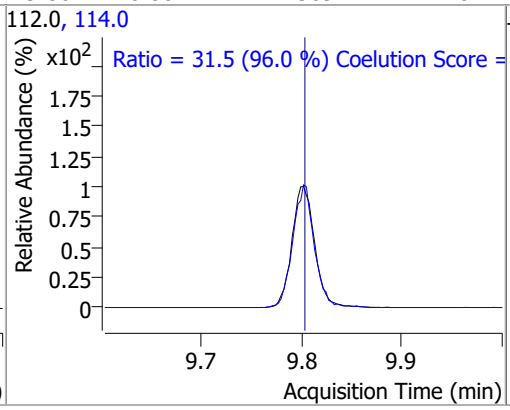


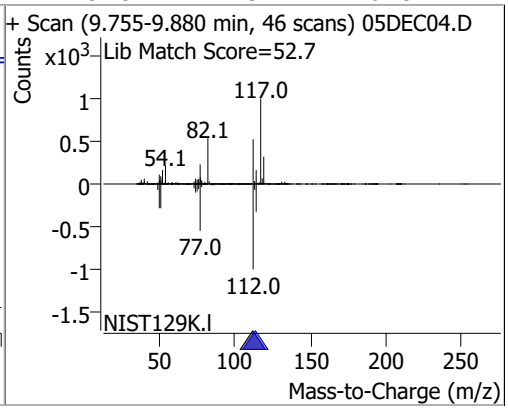




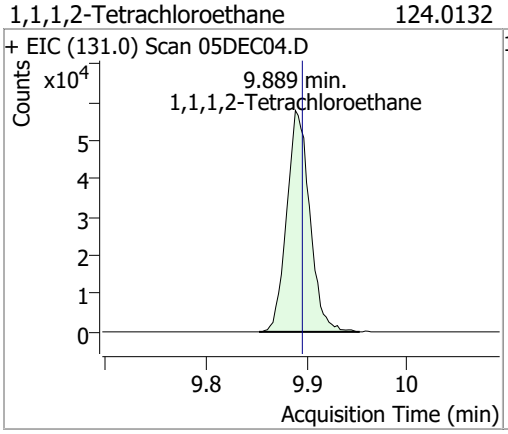
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	128.3737	9.80	0.00	272589	114.0	31.5	2.9	62.9

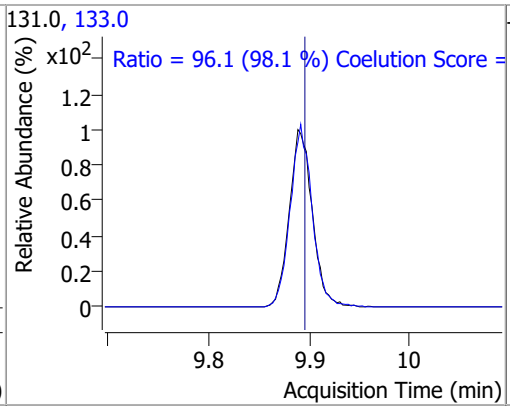


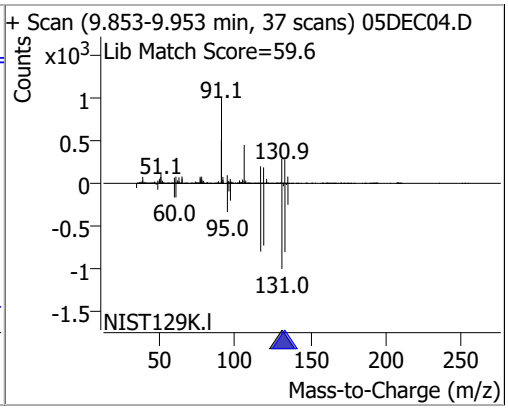




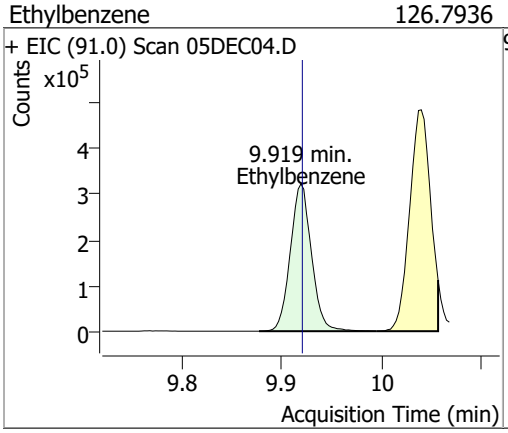
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	124.0132	9.89	-0.01	92342	133.0	96.1	68.0	128.0

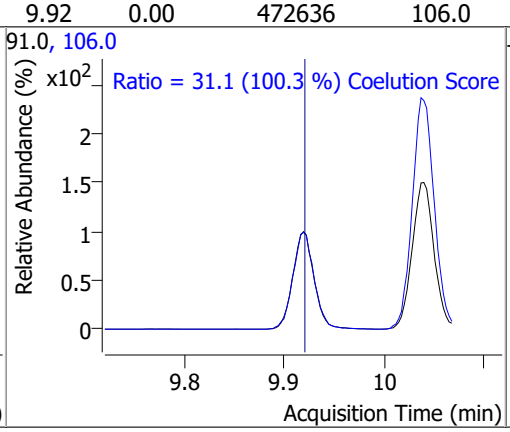


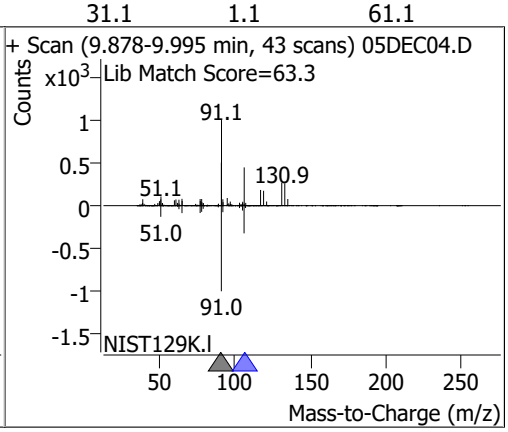




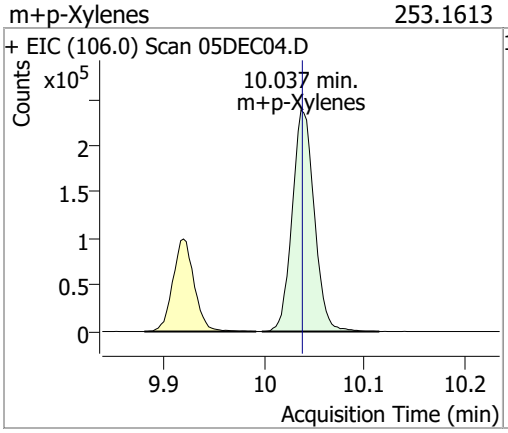
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	126.7936	9.92	0.00	472636	106.0	31.1	1.1	61.1

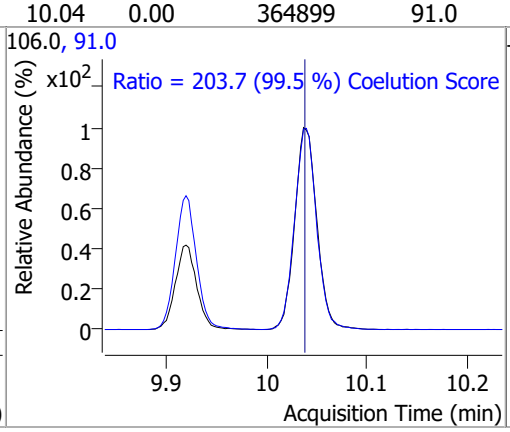


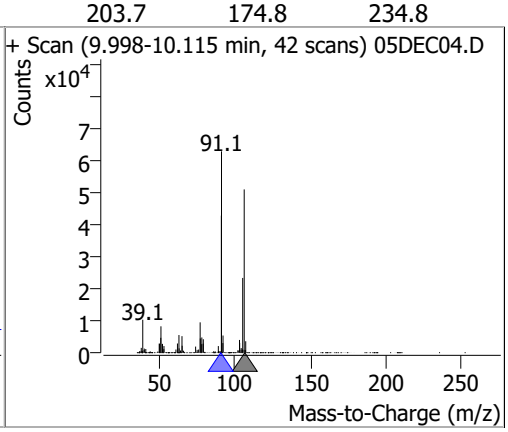




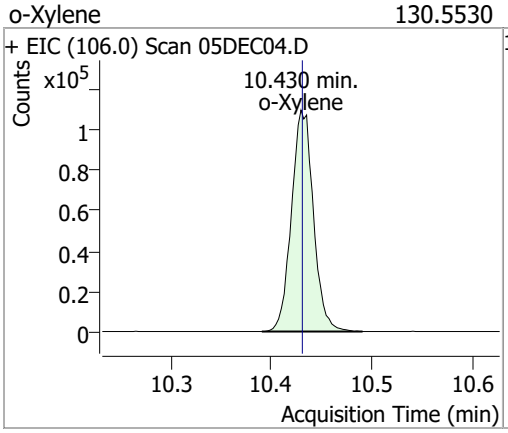
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	253.1613	10.04	0.00	364899	91.0	203.7	174.8	234.8

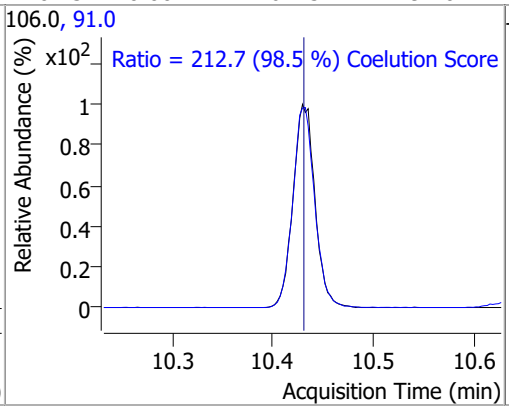


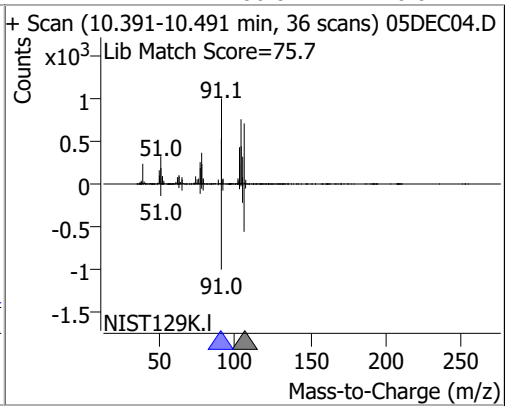




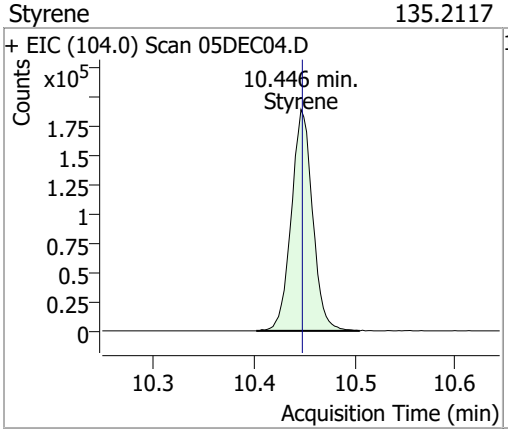
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	130.5530	10.43	0.00	167257	91.0	212.7	186.0	246.0

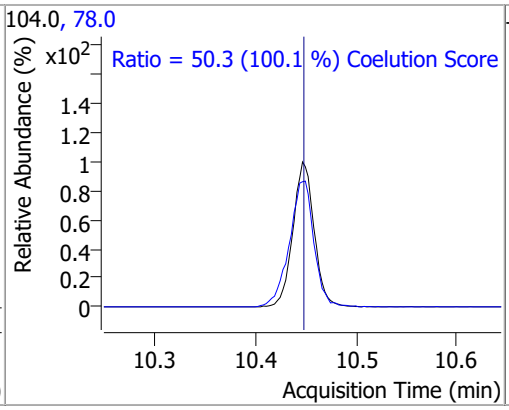


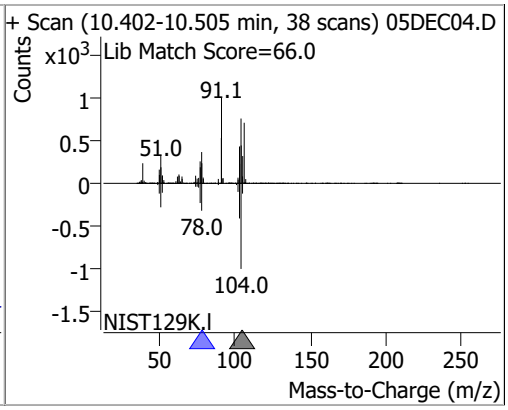




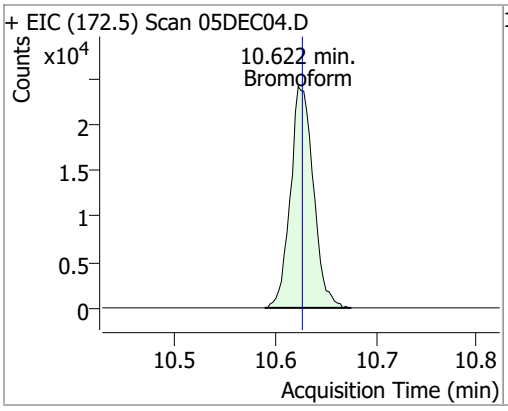
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	135.2117	10.45	0.00	278302	78.0	50.3	20.3	80.3

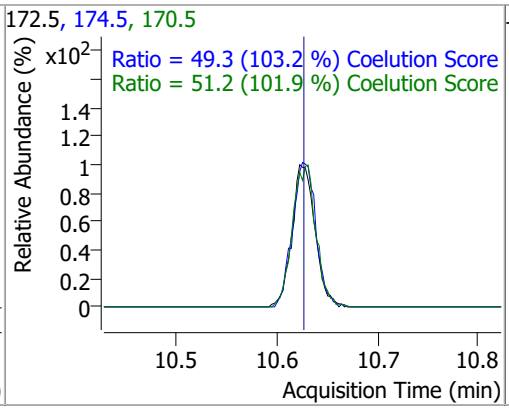


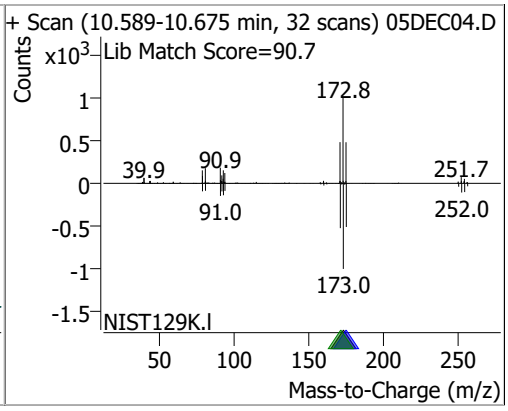




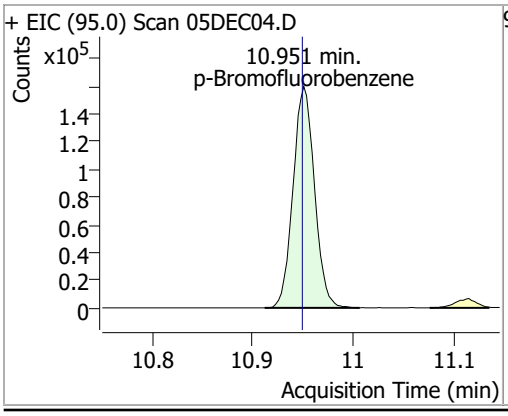
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	130.6375	10.62	0.00	38609	170.5	51.2	20.2	80.2
					174.5	49.3	17.7	77.7

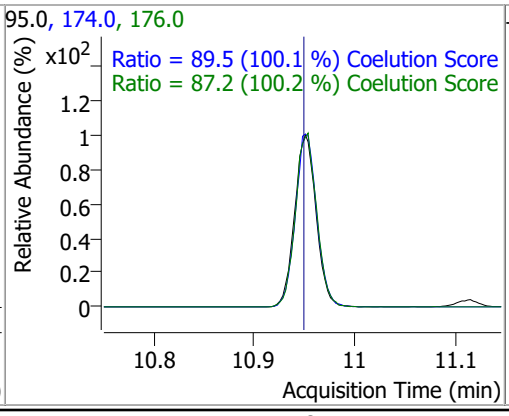


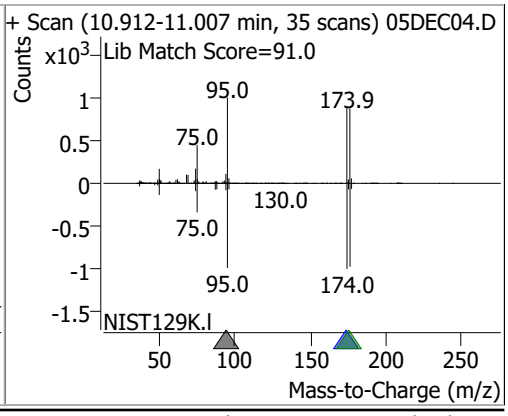




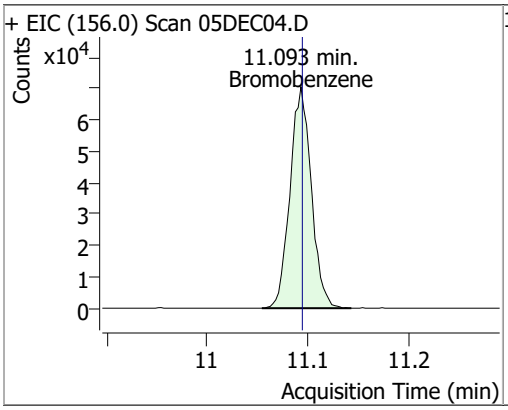
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	261.5604	10.95	0.00	237061	174.0	89.5	59.4	119.4
					176.0	87.2	57.1	117.1

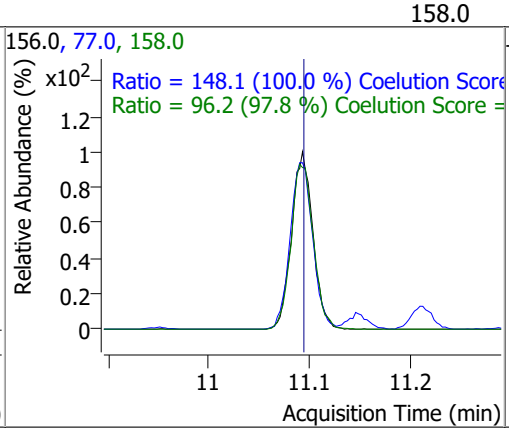


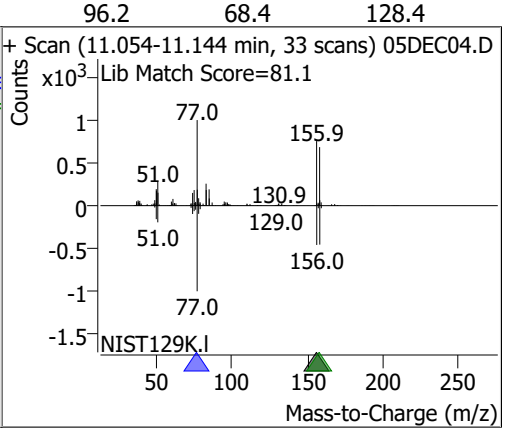




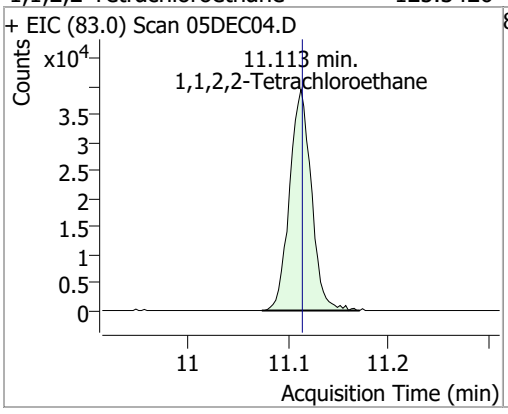
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	128.8767	11.09	0.00	103692	77.0	148.1	118.1	178.1
					158.0	96.2	68.4	128.4

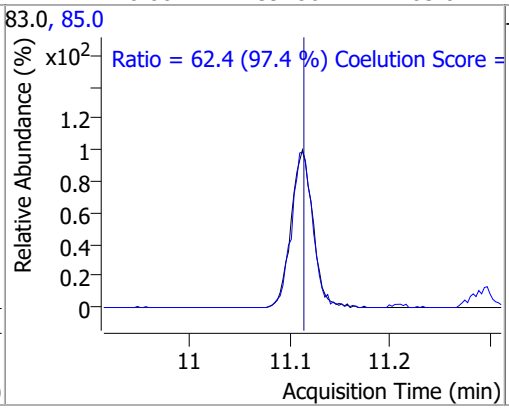


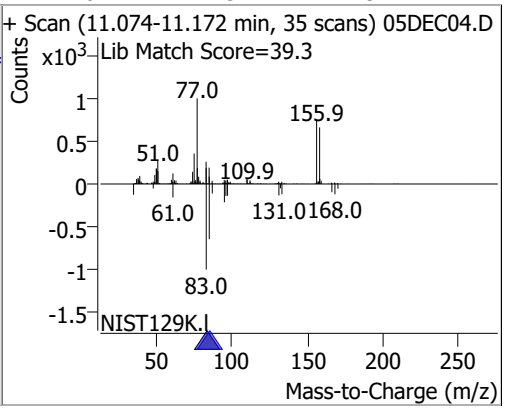




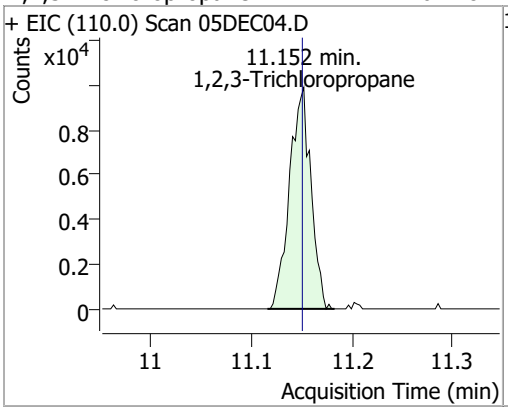
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	125.3426	11.11	0.00	59486	85.0	62.4	34.1	94.1

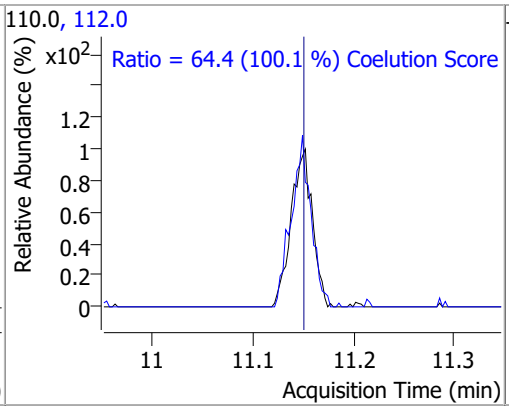


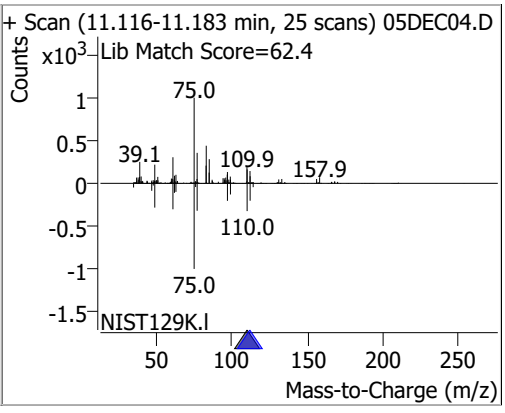




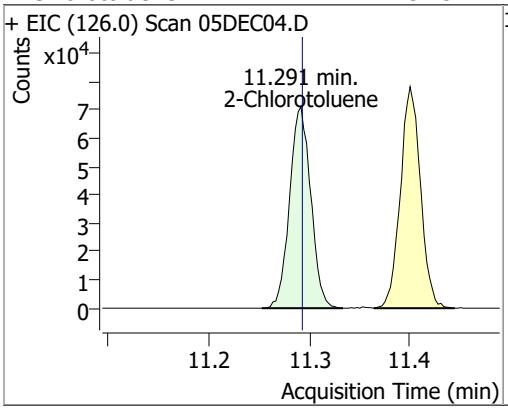
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	116.2182	11.15	0.00	14623	112.0	64.4	34.3	94.3

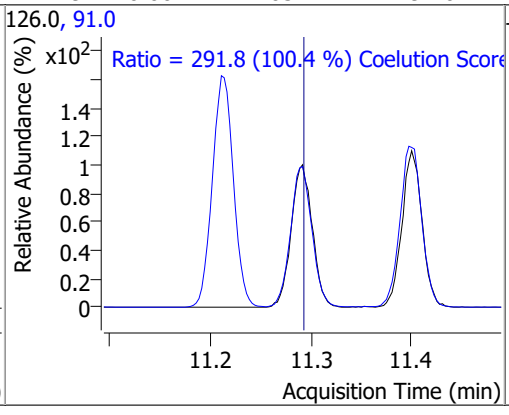


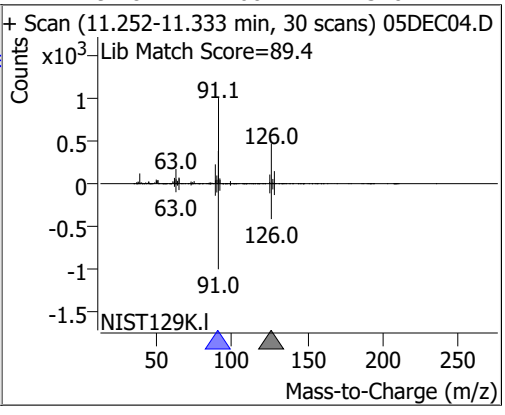




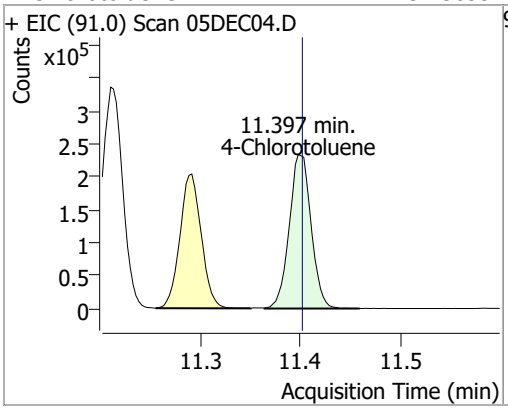
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	131.3274	11.29	0.00	103772	91.0	291.8	260.7	320.7

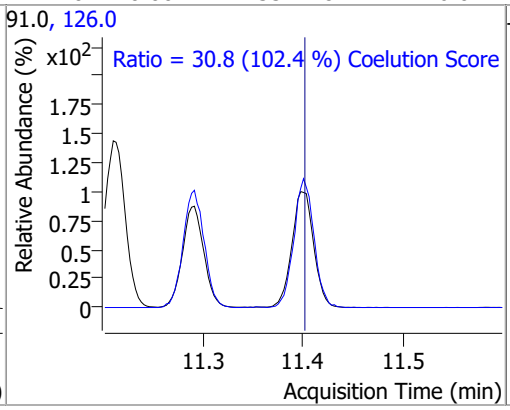


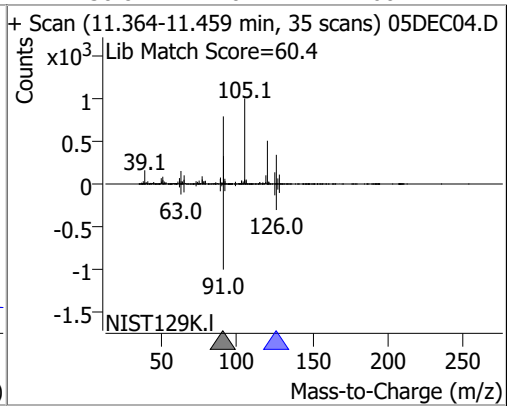




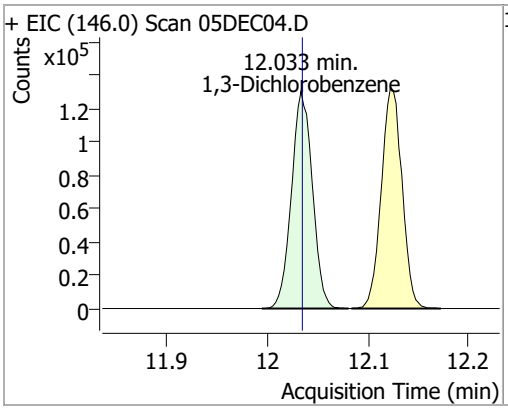
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	131.5899	11.40	0.00	352728	126.0	30.8	0.1	60.1

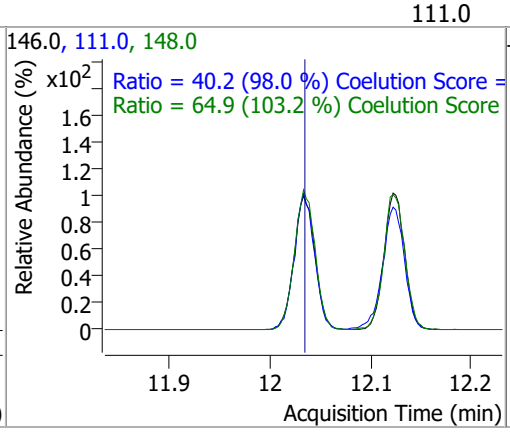


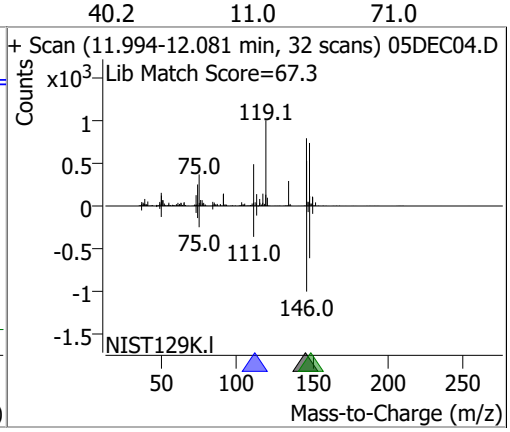




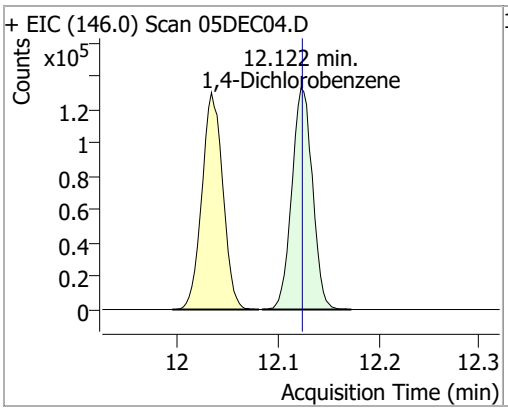
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	130.3148	12.03	0.00	188393	148.0	64.9	32.9	92.9
					111.0	40.2	11.0	71.0

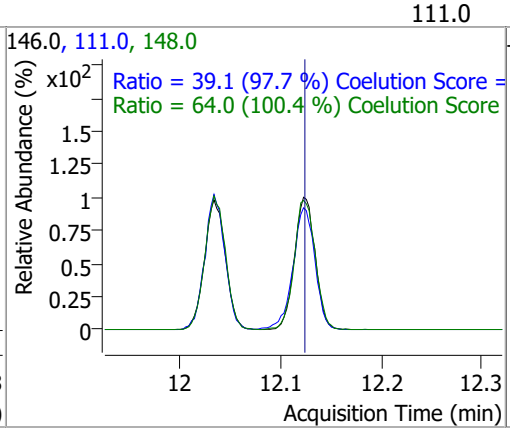


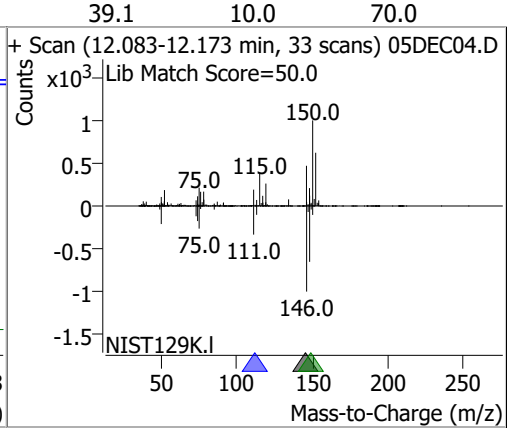




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	127.6584	12.12	0.00	190025	148.0	64.0	33.8	93.8
					111.0	39.1	10.0	70.0

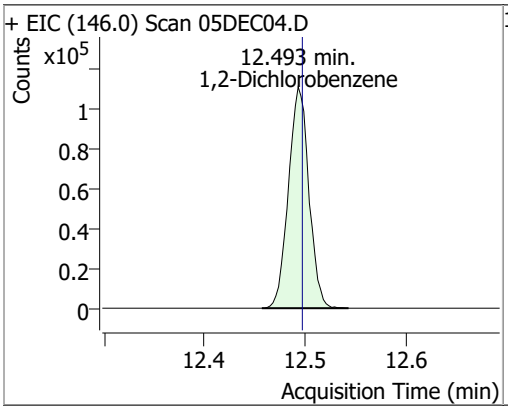


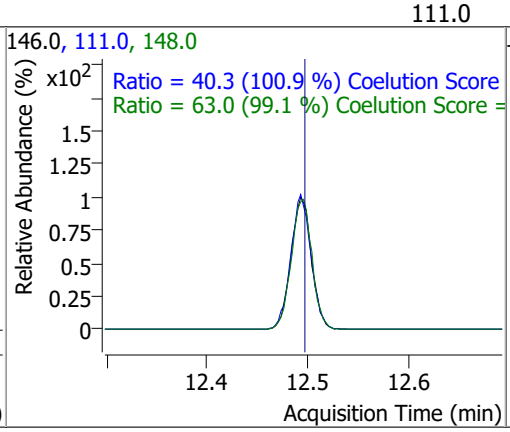


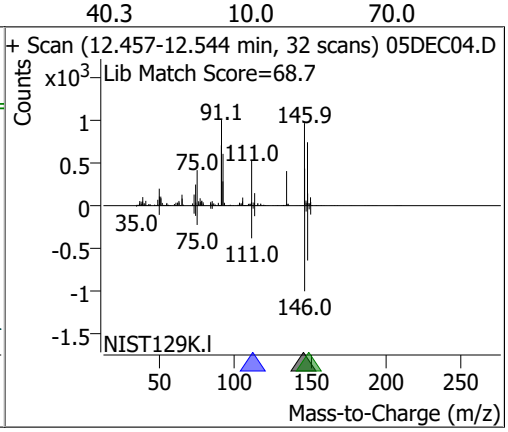


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	130.6334	12.49	0.00	156716	148.0	63.0	33.5	93.5
					111.0	40.3	10.0	70.0







Quantitation Results Report (QT Reviewed)

Data File	05DEC06.D	Operator	MSC
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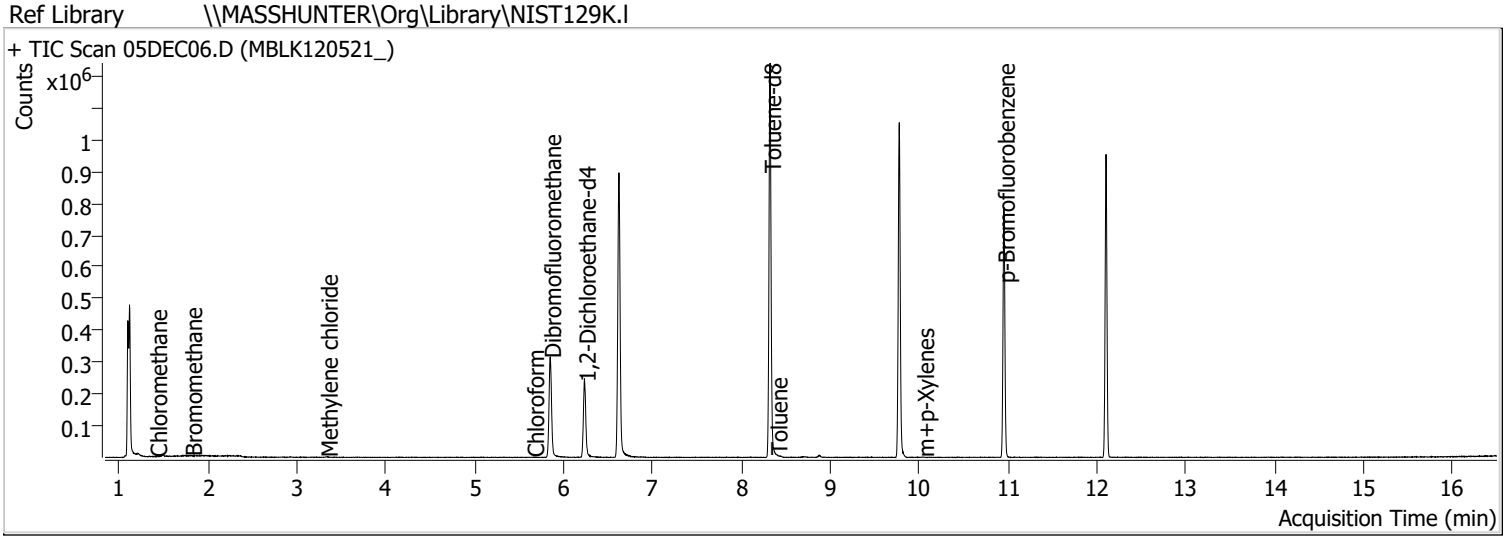
Sample Name	MBLK120521_	Instrument	VOA5975C
Vial	6	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

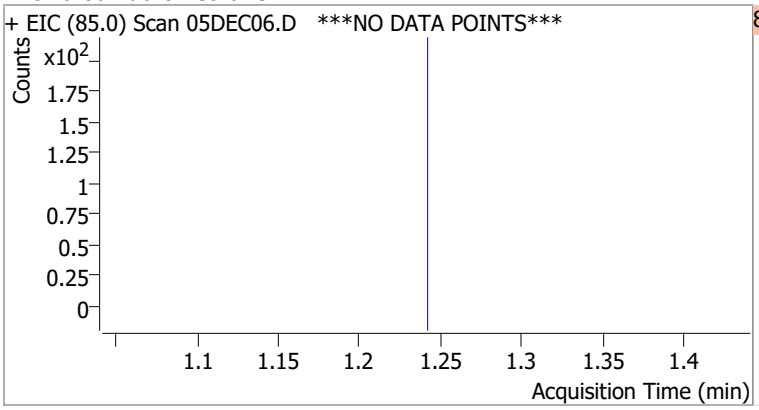


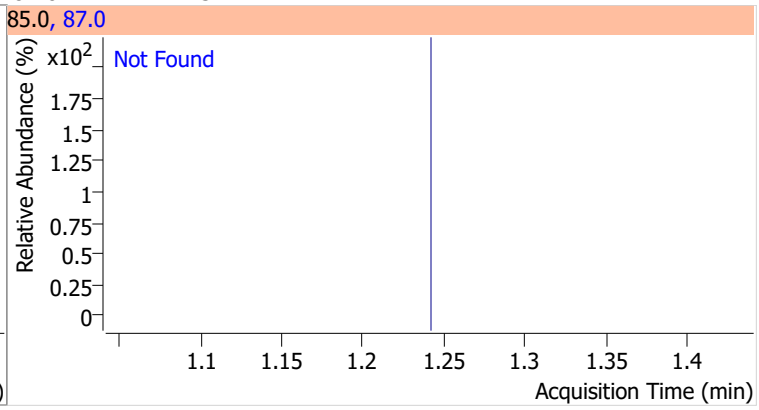
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	759211	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	290902	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	215960	250.0000	ng		0.000
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	189397	261.9398	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.78%			
S 1,2-Dichloroethane-d4	6.236	67.0	87251	262.2737	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 104.91%			
S Toluene-d8	8.322	98.0	744565	259.1090	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.64%			
S p-Bromofluorobenzene	10.951	95.0	218610	263.7312	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.49%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.417	50.0	223	0.1847	ng	m	83
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	1.807	96.0	320	3.7555	ng	#m	58
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	1174	1.0552	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	5.656	83.0	396	0.2711	ng	#m	51

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.394	92.0	165	0.0846	ng	#m	14
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.042	106.0	350	0.2433	ng	m	89
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

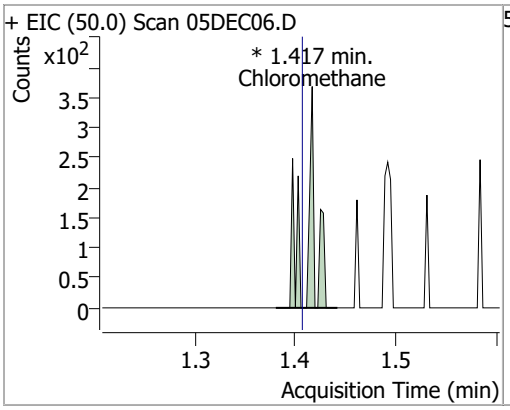
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

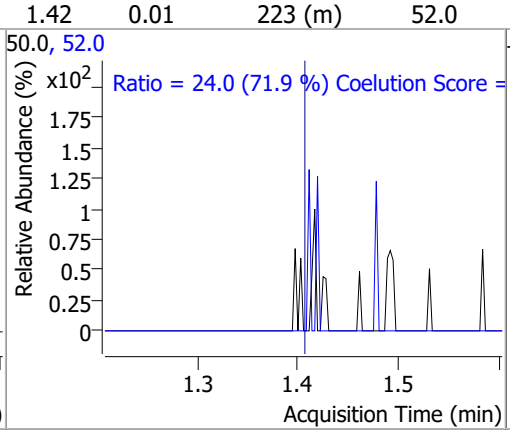
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.1

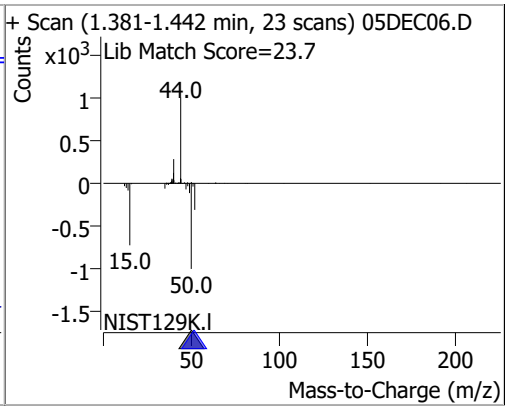




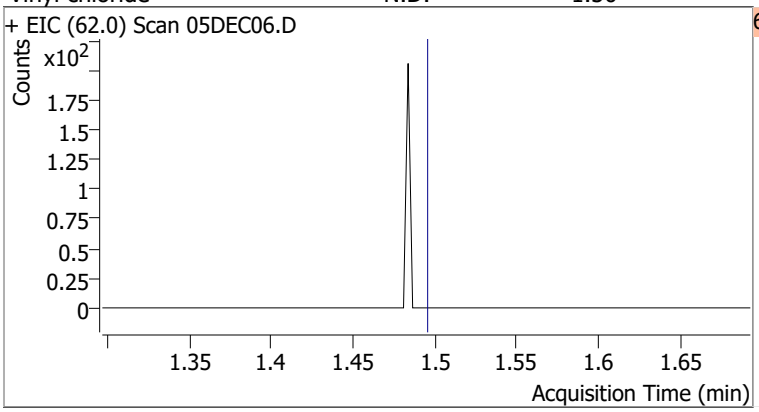
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.1847	1.42	0.01	223 (m)	52.0	24.0	3.4	63.4

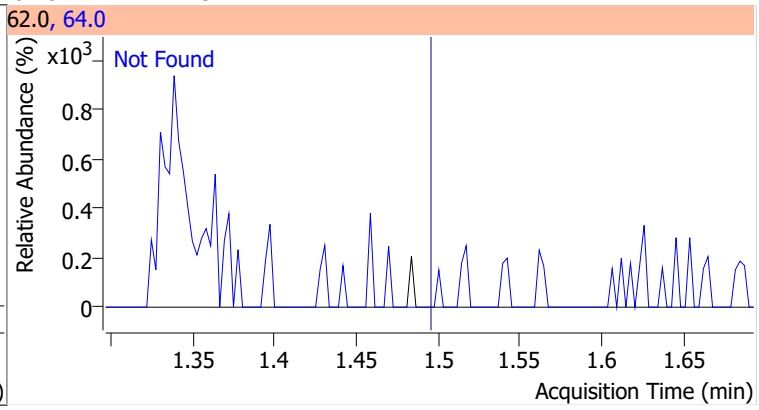




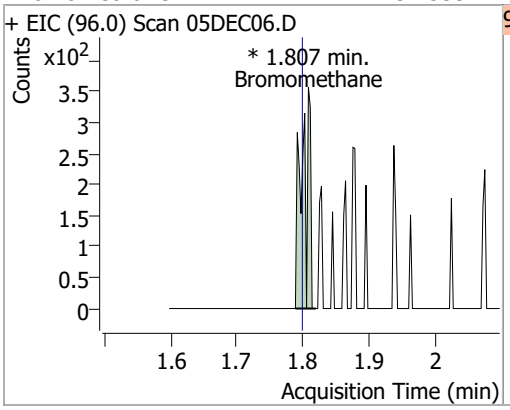


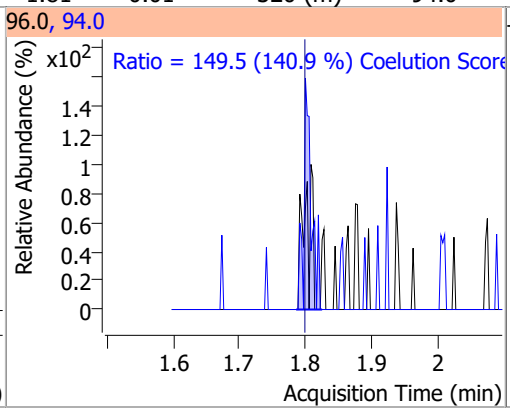
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.2

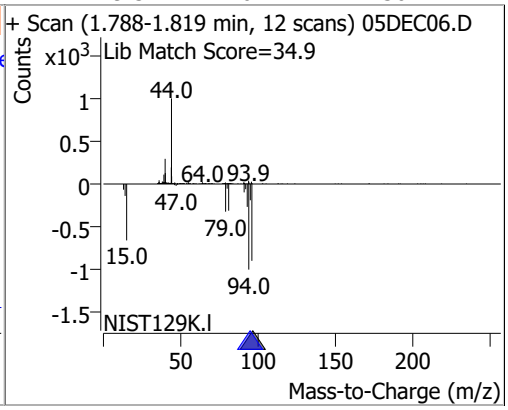




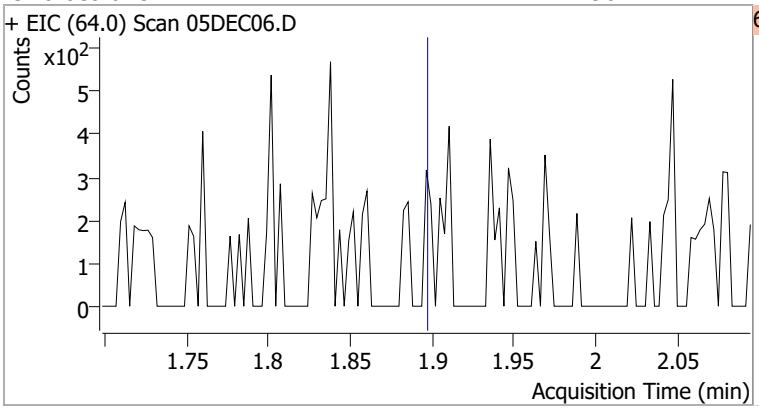
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	3.7555	1.81	0.01	320 (m)	94.0	149.5	76.1	136.1

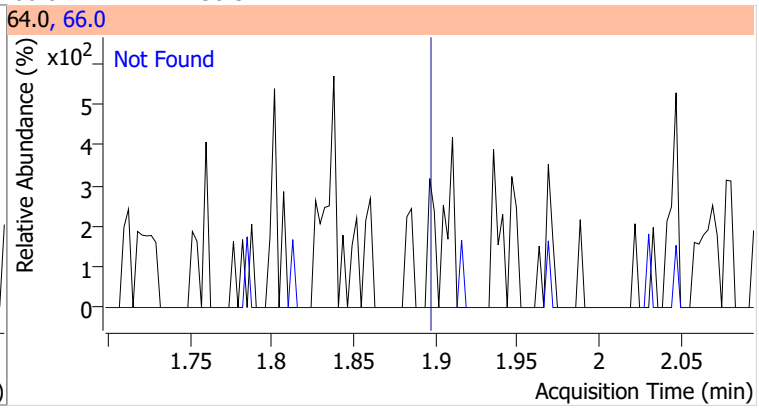




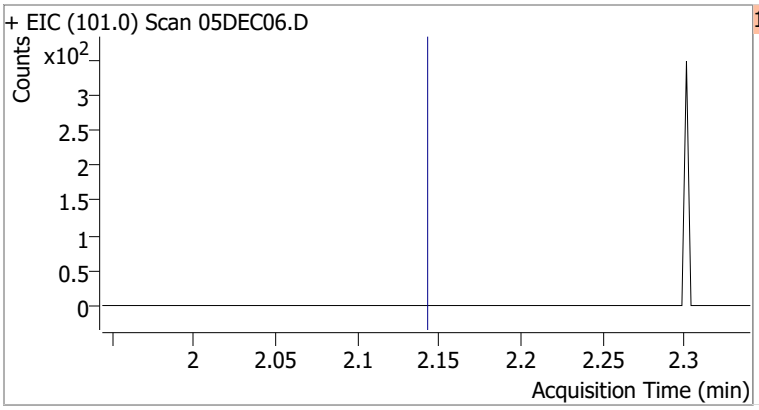


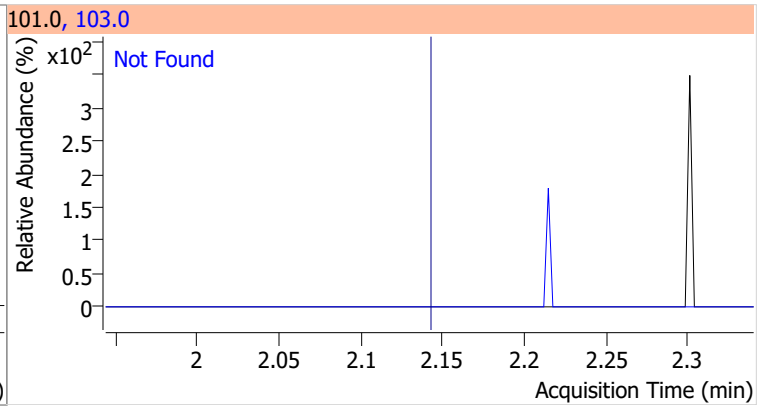
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.5



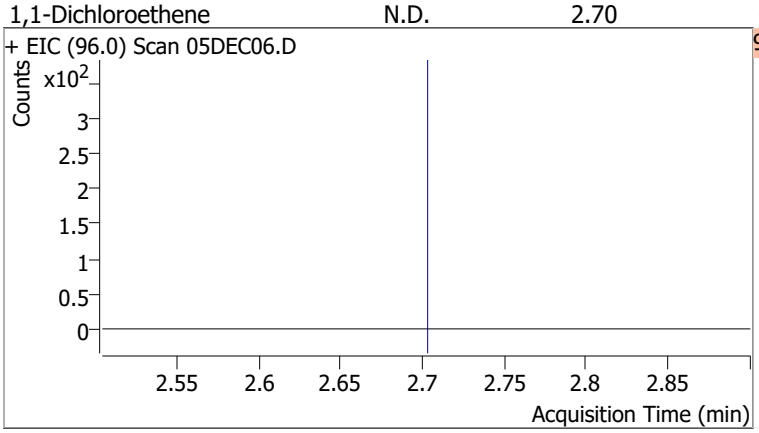


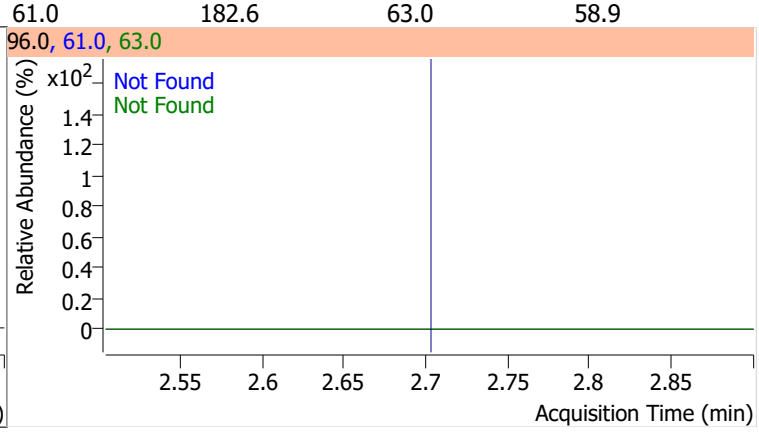
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	63.3



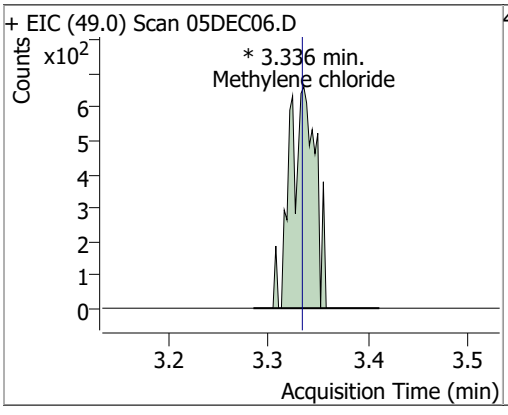


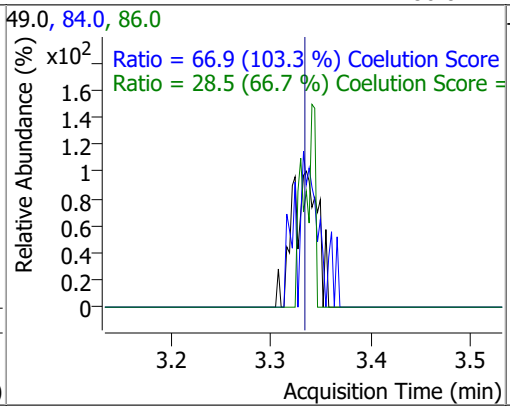
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	182.6	63.0	58.9

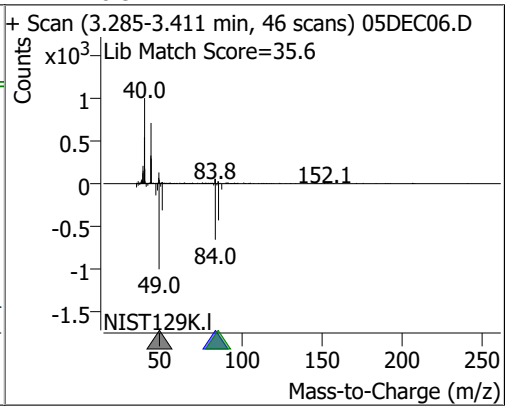




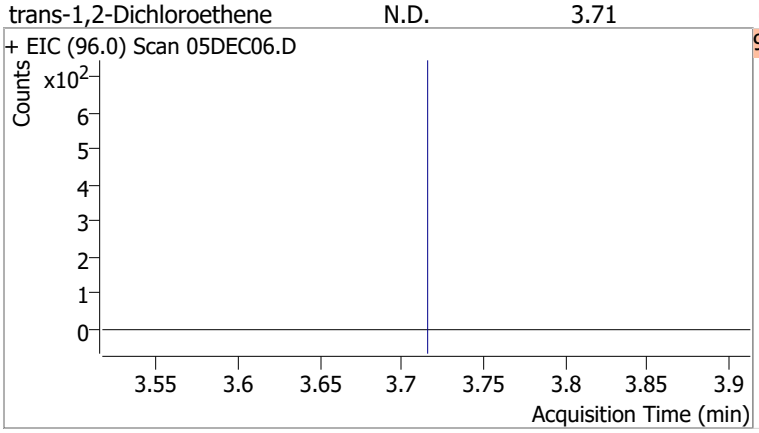
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.0552	3.34	0.00	1174 (m)	84.0	66.9	34.8	94.8
					86.0	28.5	12.7	72.7

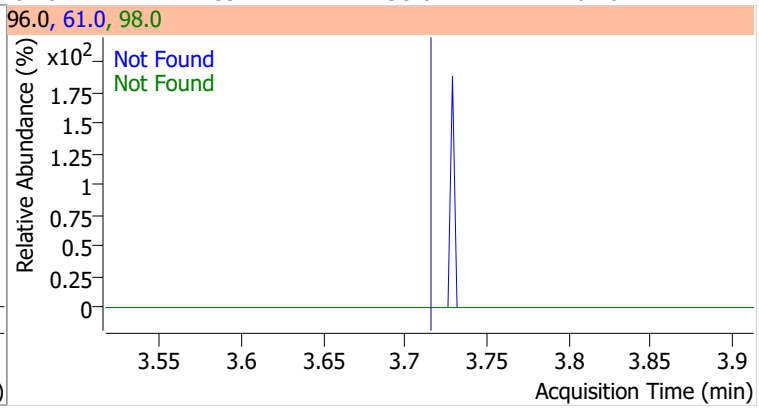




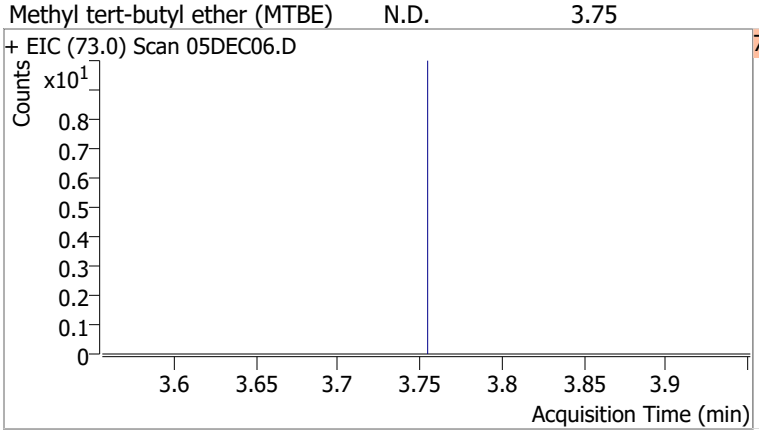


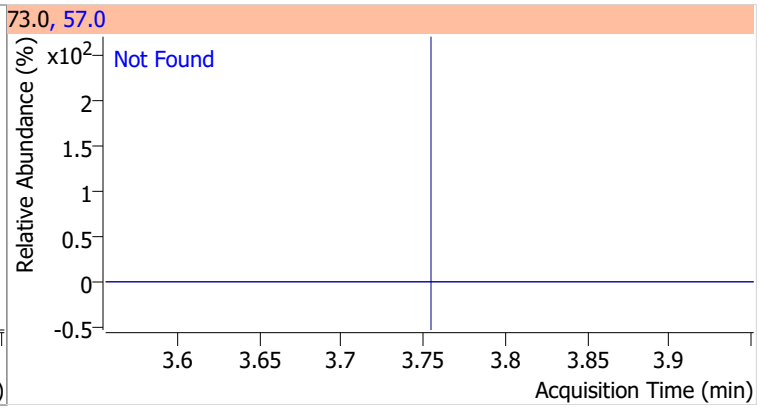
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.71	61.0	159.4	98.0	64.0



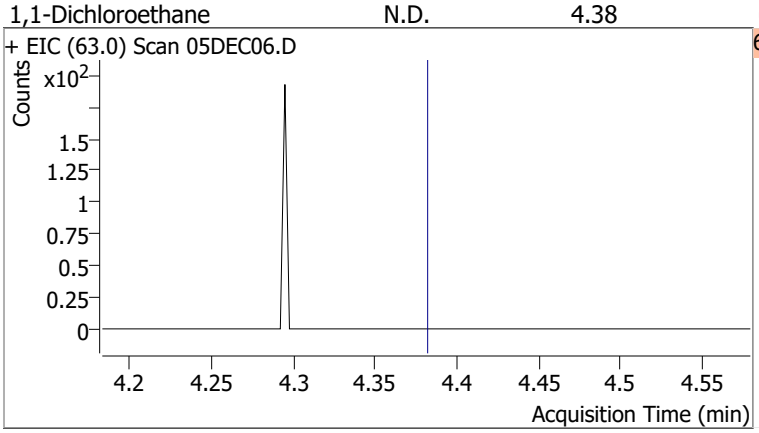


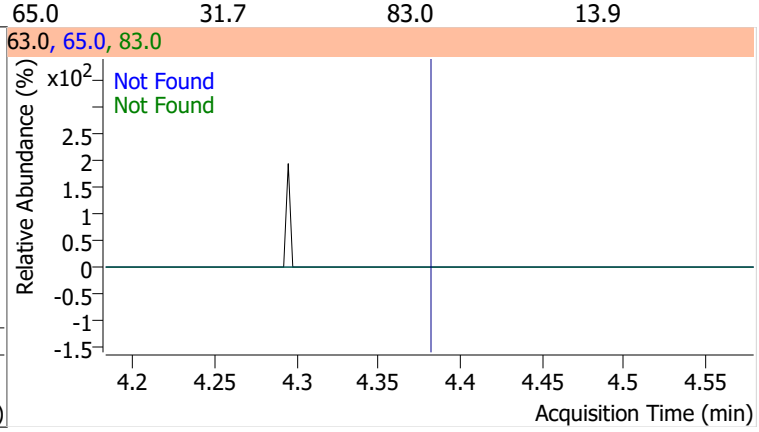
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	23.5



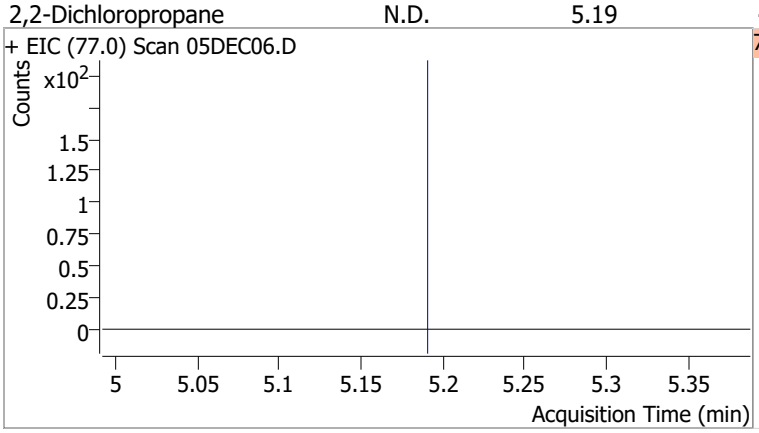


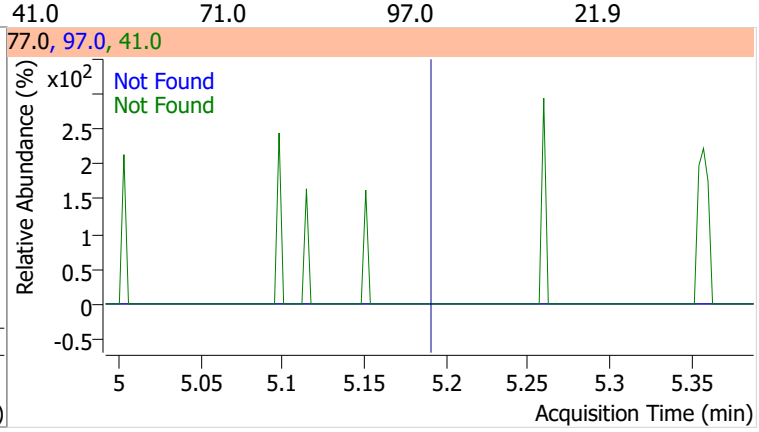
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.7	83.0	13.9



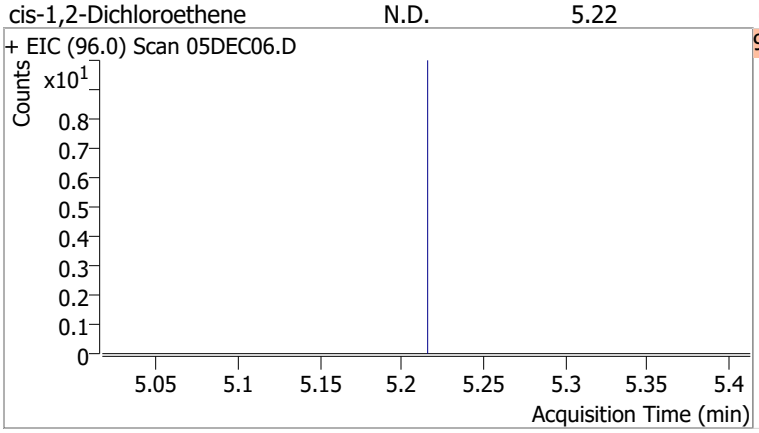


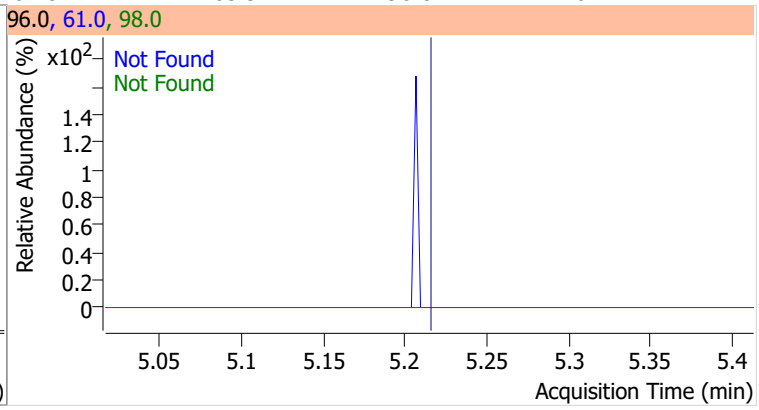
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	71.0	97.0	21.9



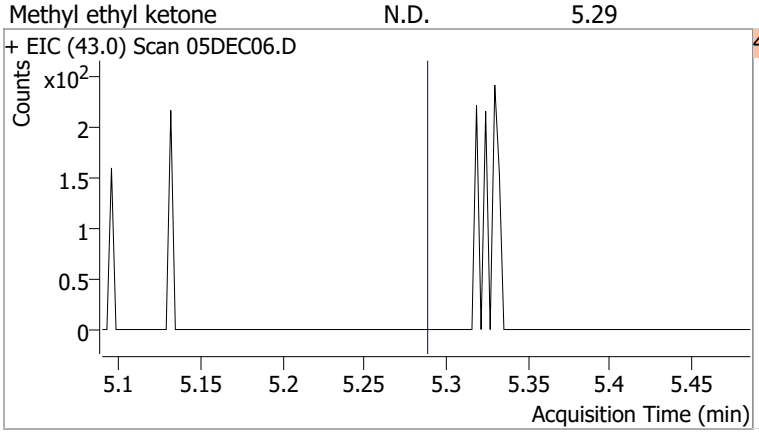


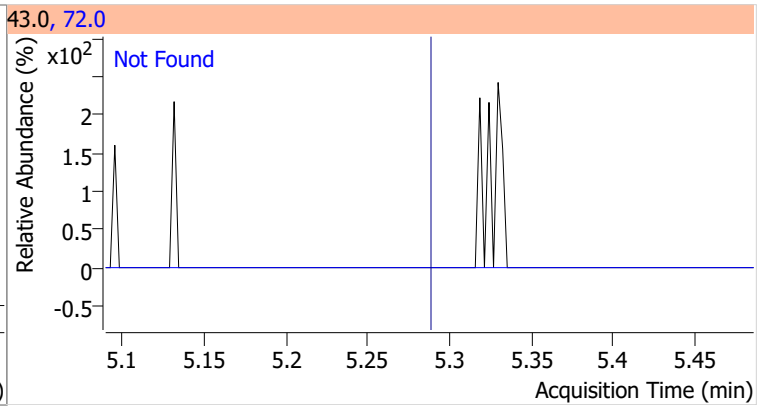
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	165.9	98.0	64.4



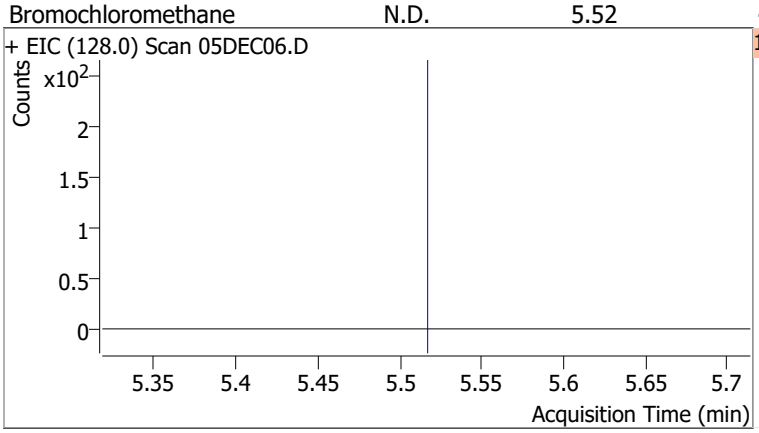


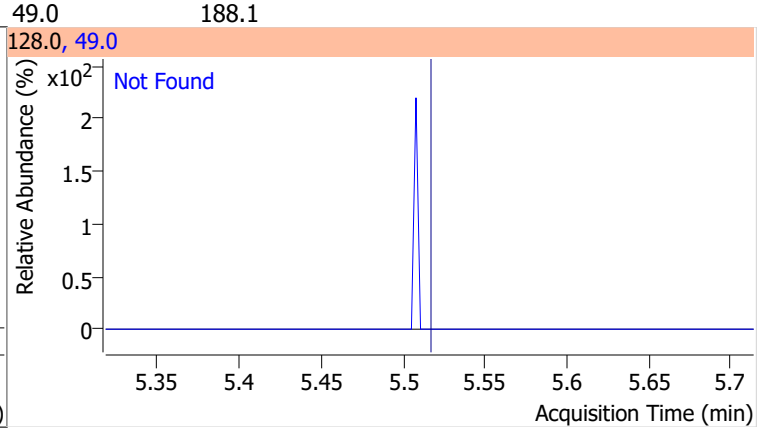
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.29	72.0	19.8



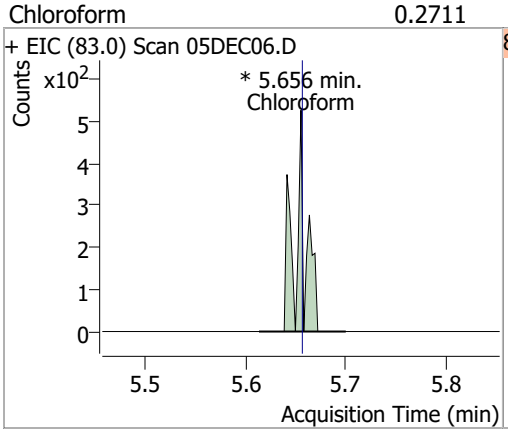


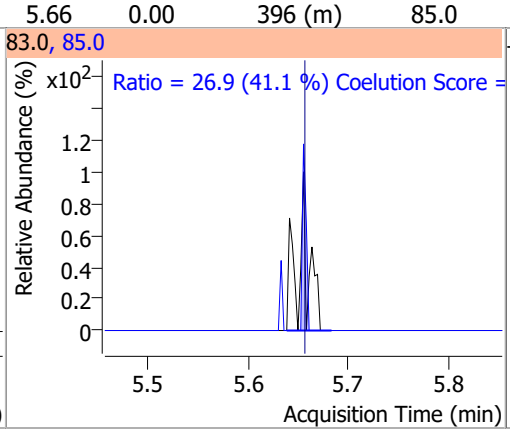
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	188.1

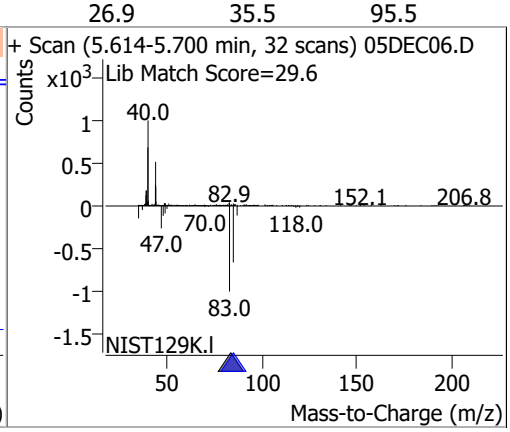




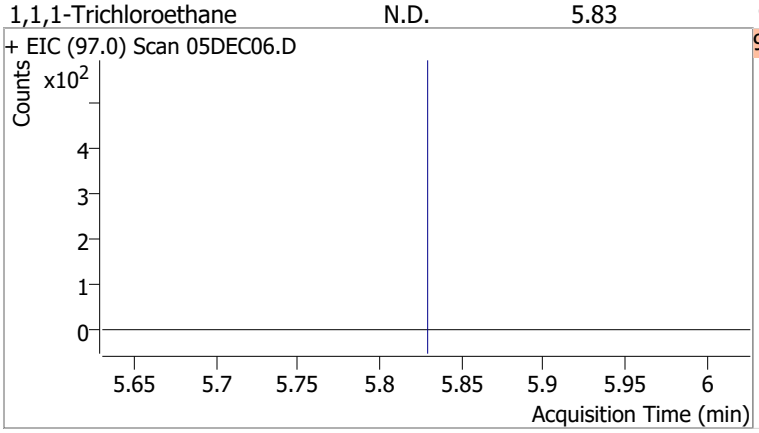
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.2711	5.66	0.00	396 (m)	85.0	26.9	35.5	95.5

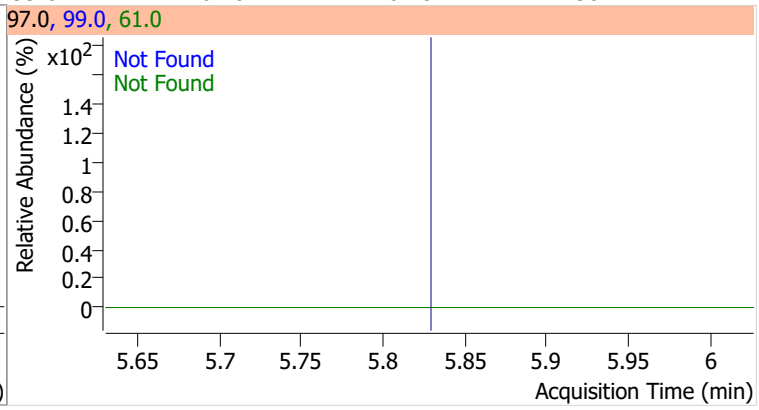




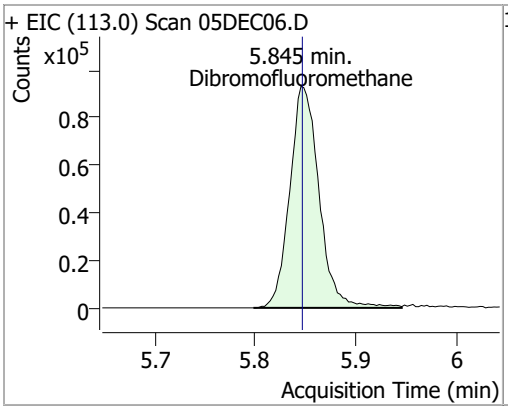


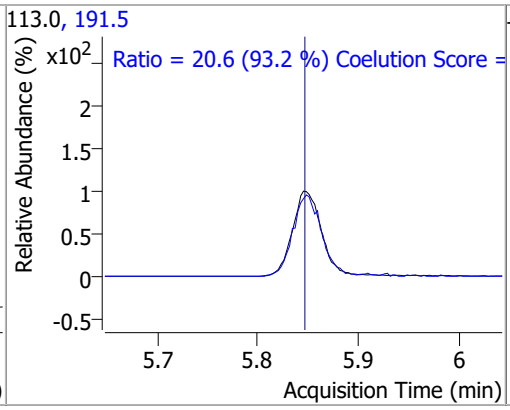
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.0	61.0	50.4

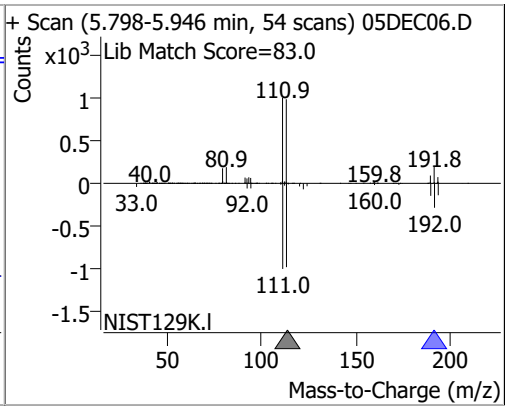




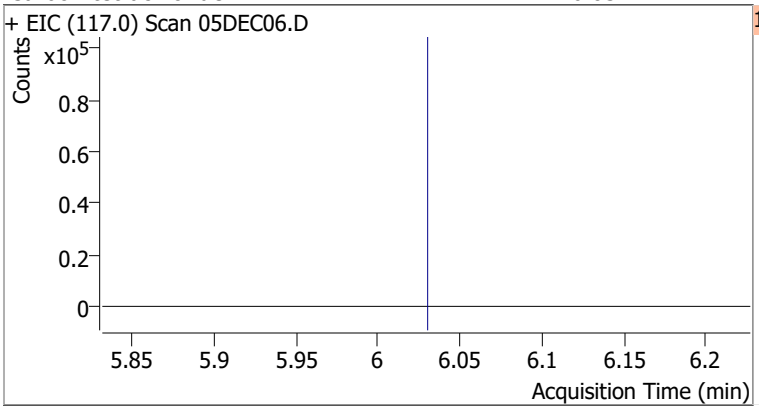
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	261.9398	5.85	0.00	189397	191.5	20.6	0.0	52.1

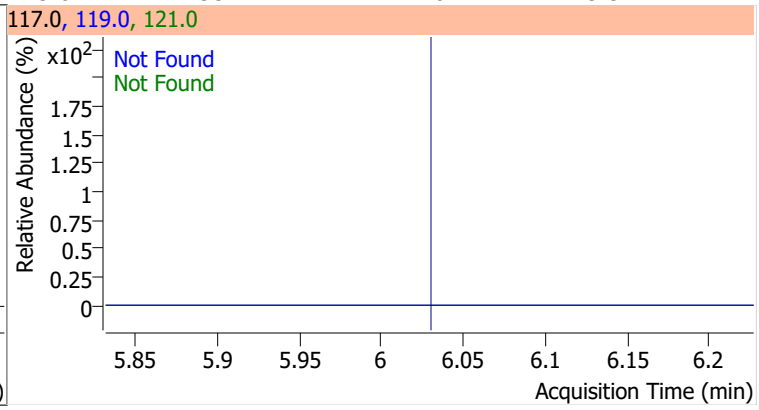




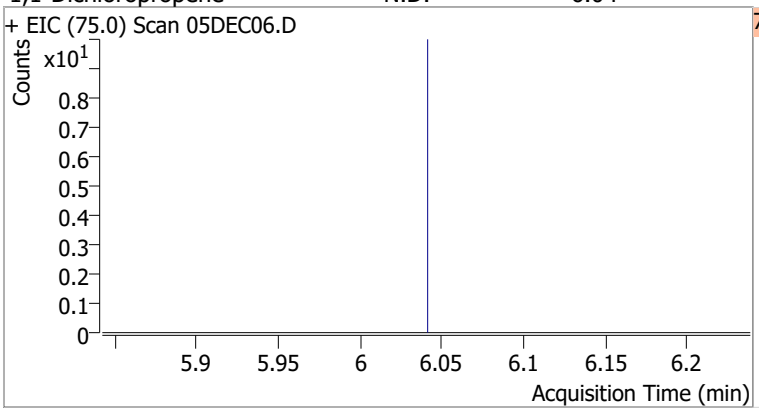


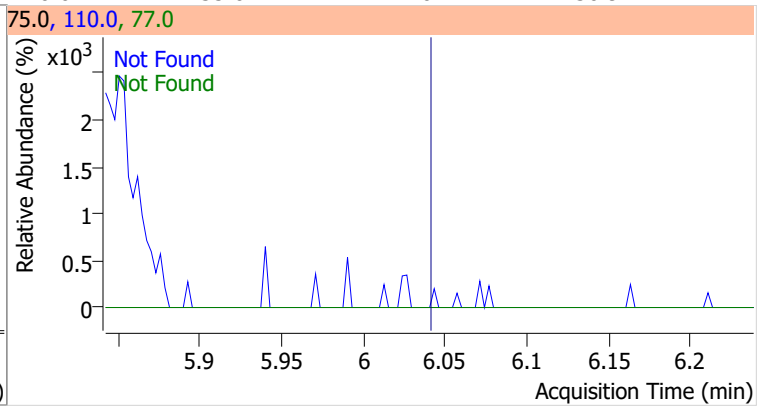
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.4	121.0	29.5



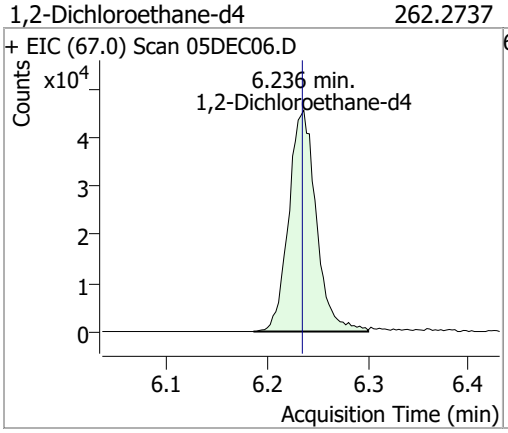


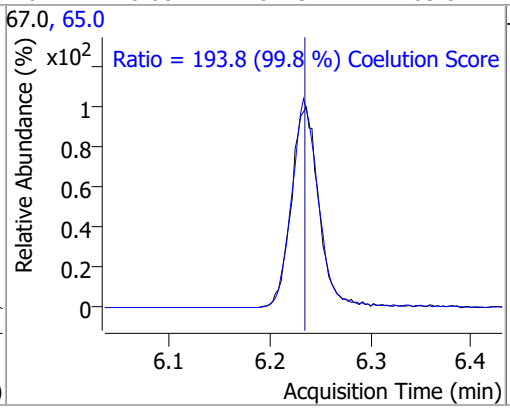
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.0	77.0	30.9

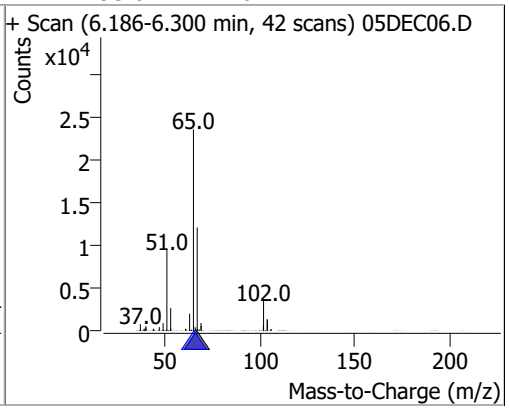




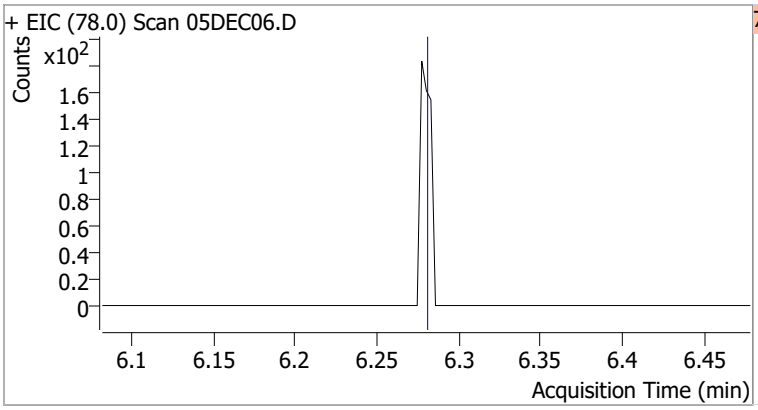
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	262.2737	6.24	0.00	87251	65.0	193.8	164.2	224.2

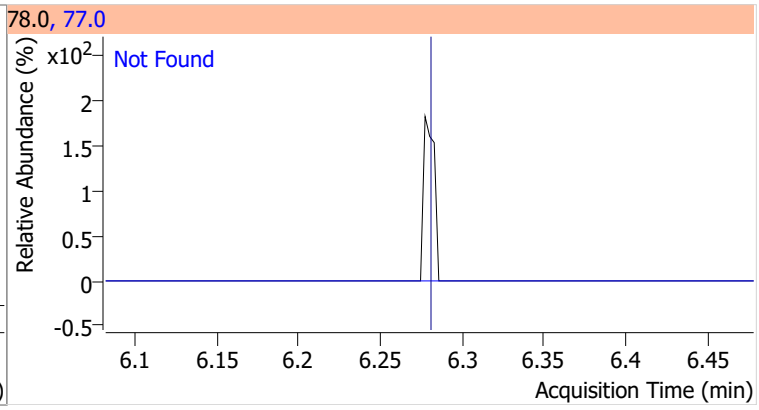




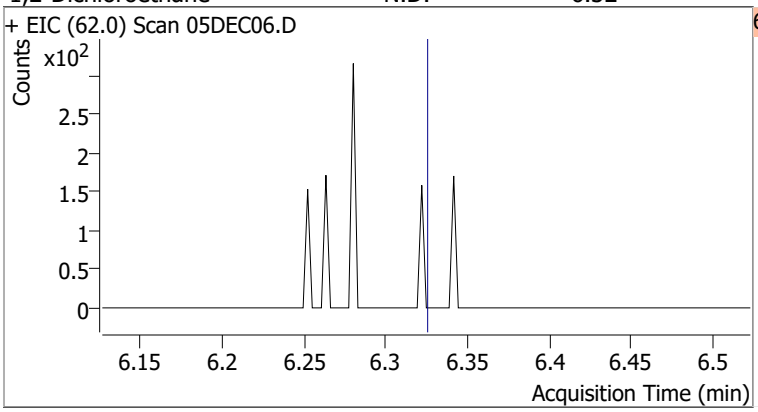


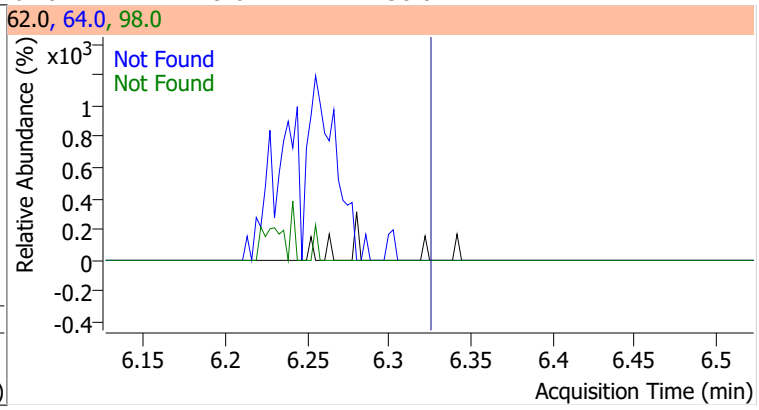
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



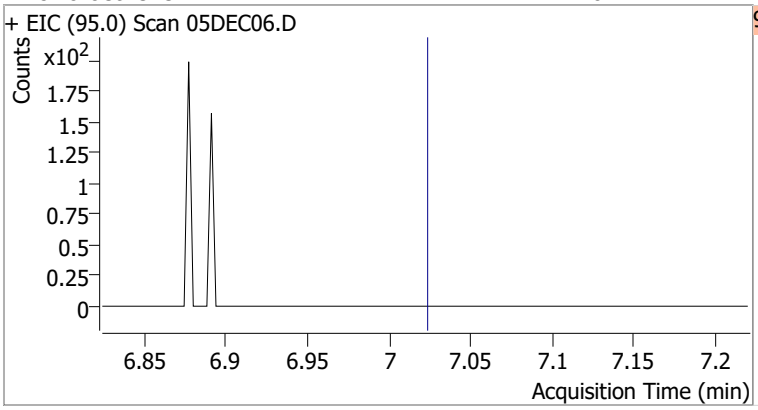


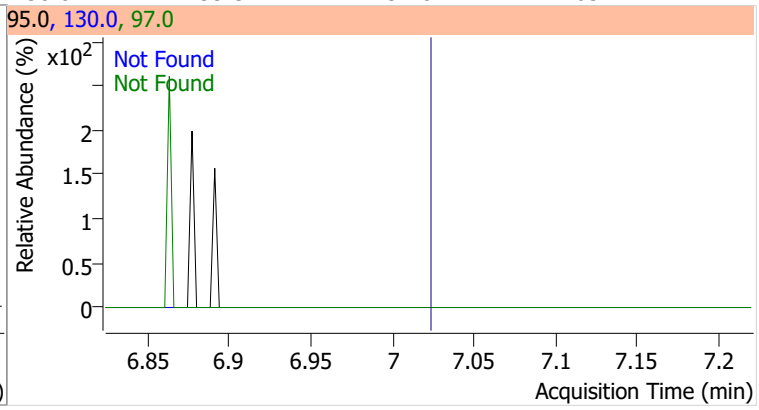
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.6	98.0	7.4



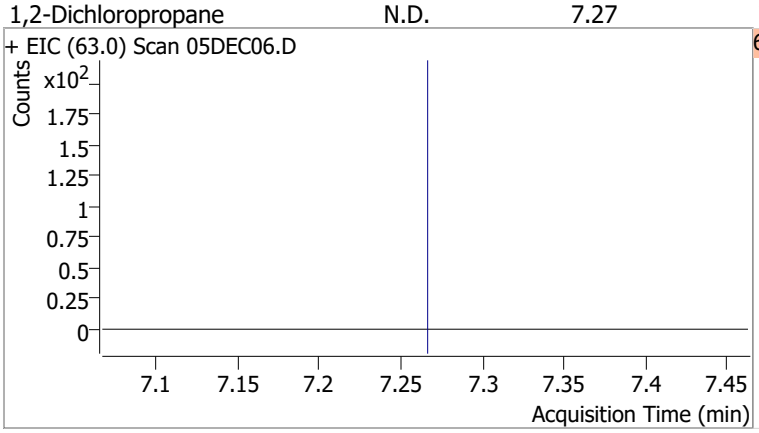


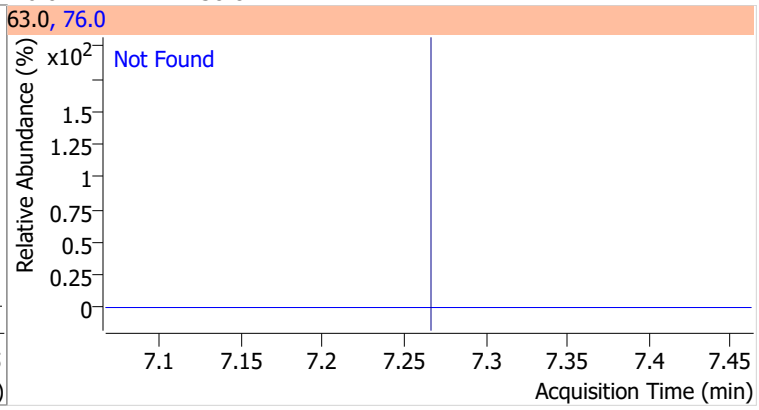
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	99.3	97.0	63.2



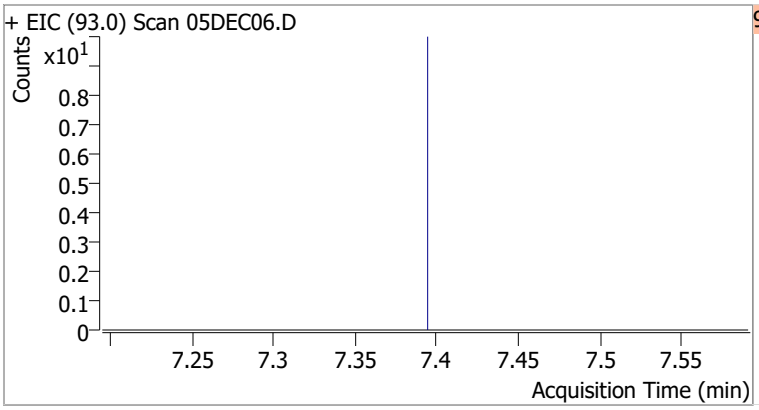


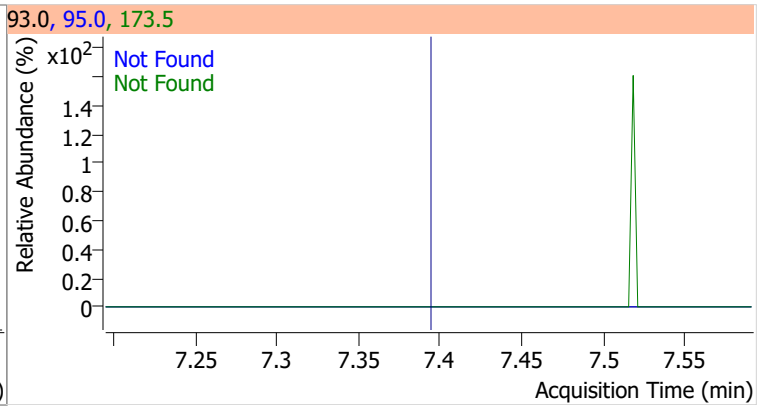
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.8



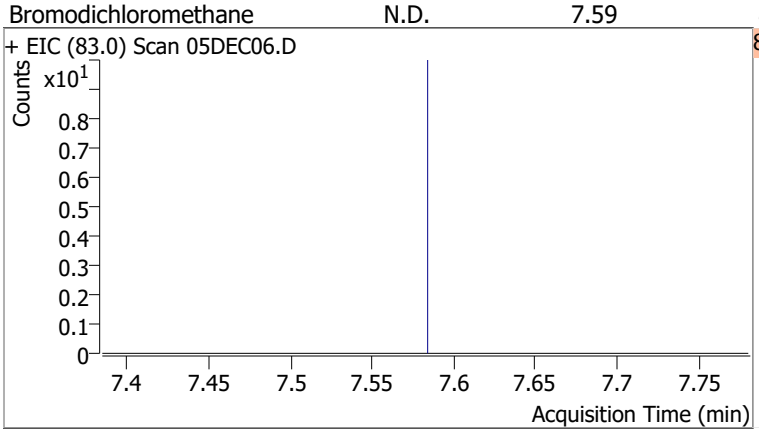


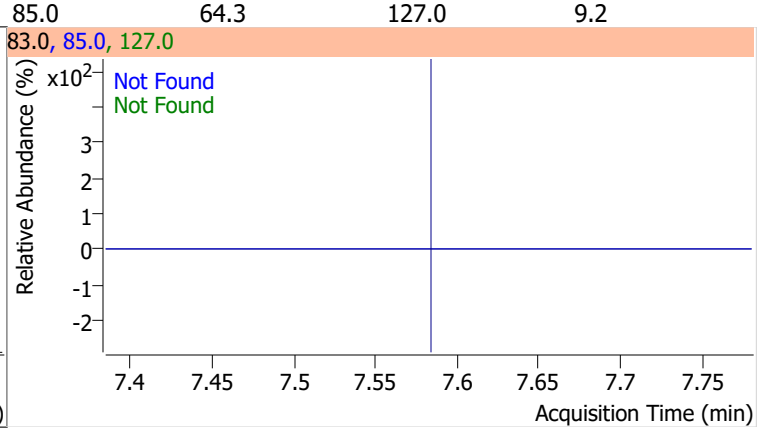
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	106.6	95.0	85.6



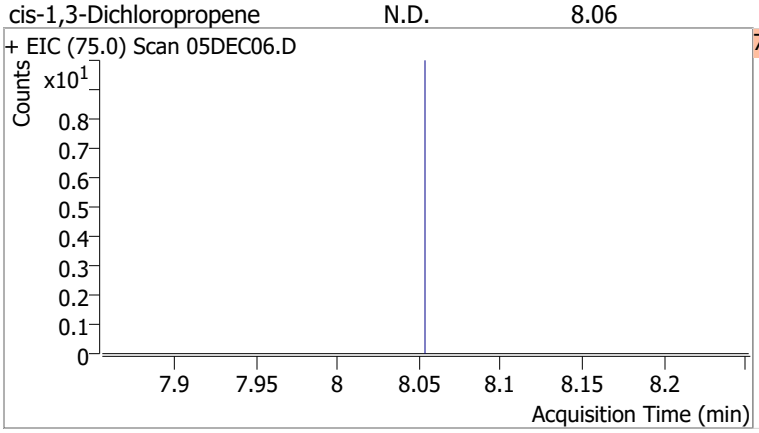


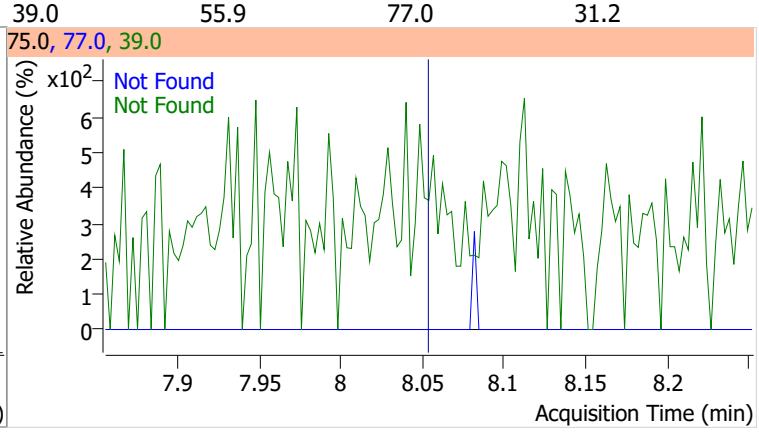
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.3	127.0	9.2



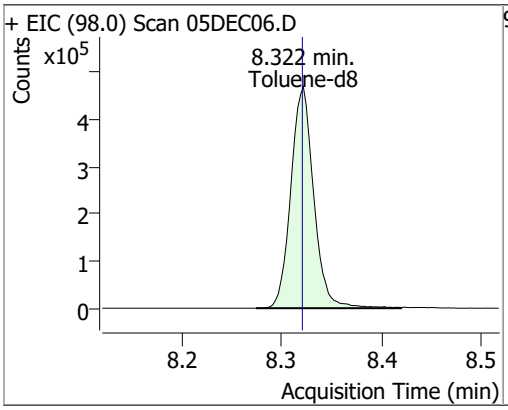


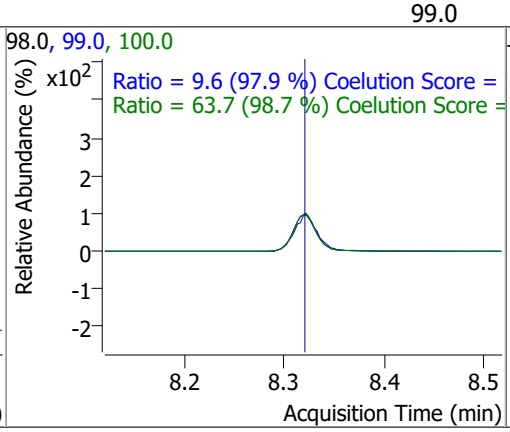
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.9	77.0	31.2

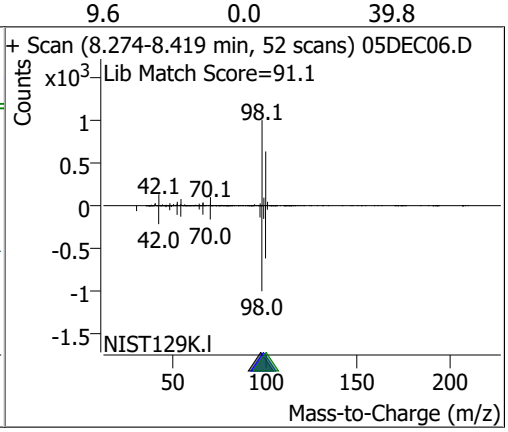




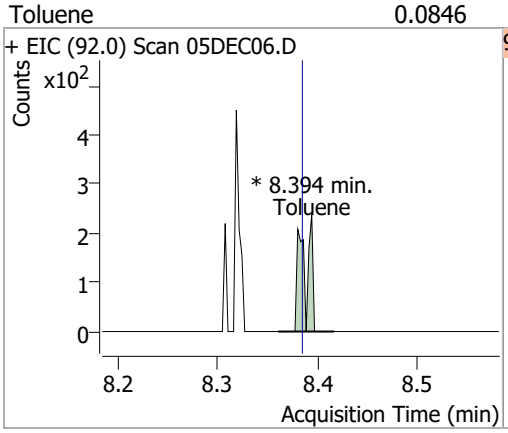
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	259.1090	8.32	0.00	744565	100.0	63.7	34.6	94.6
					99.0	9.6	0.0	39.8

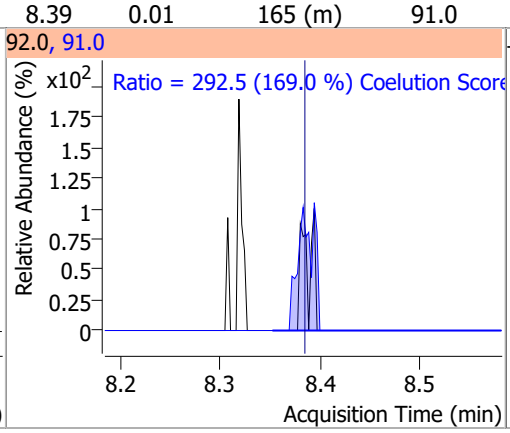


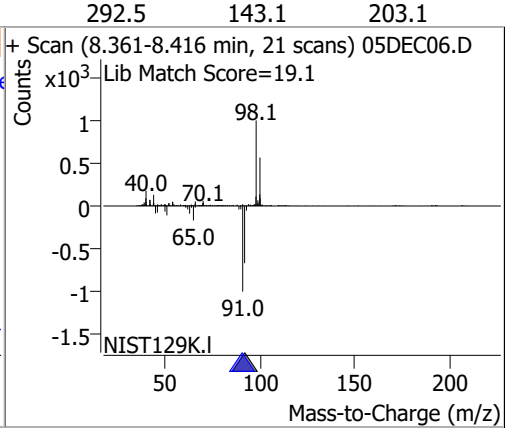




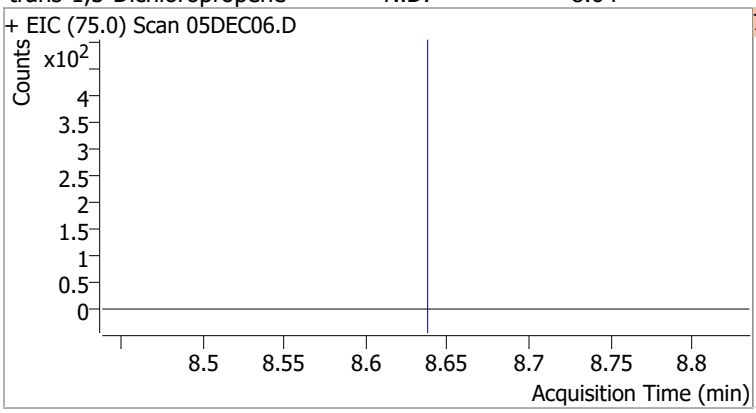
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.0846	8.39	0.01	165 (m)	91.0	292.5	143.1	203.1

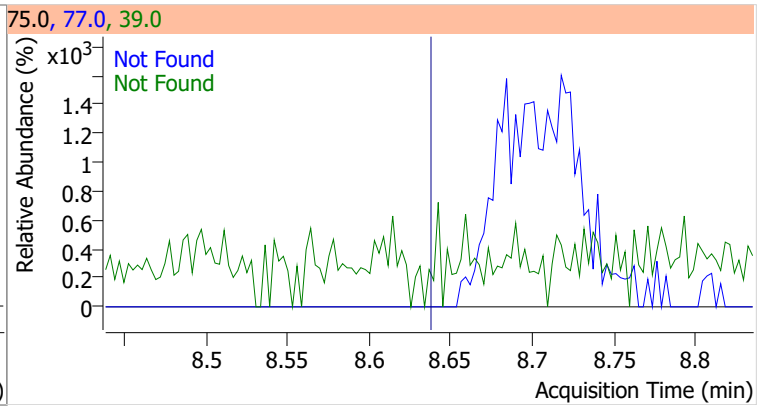




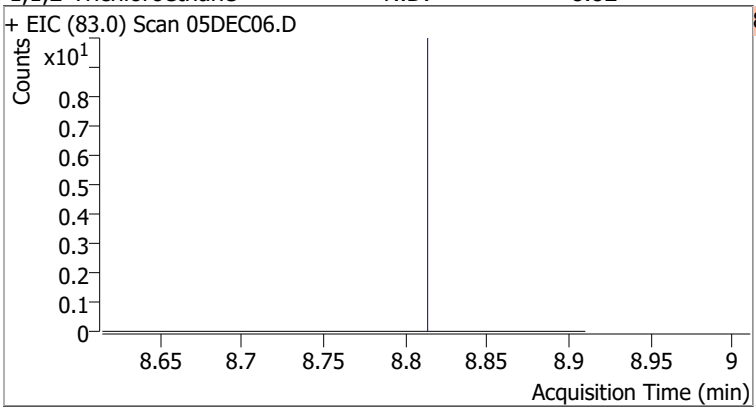


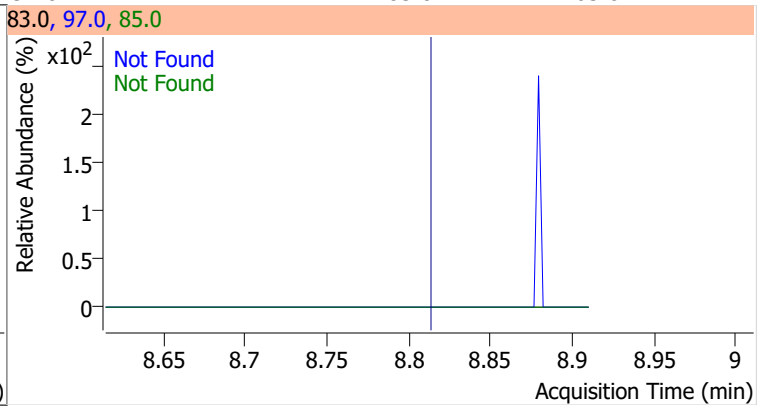
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	57.0	77.0	36.5



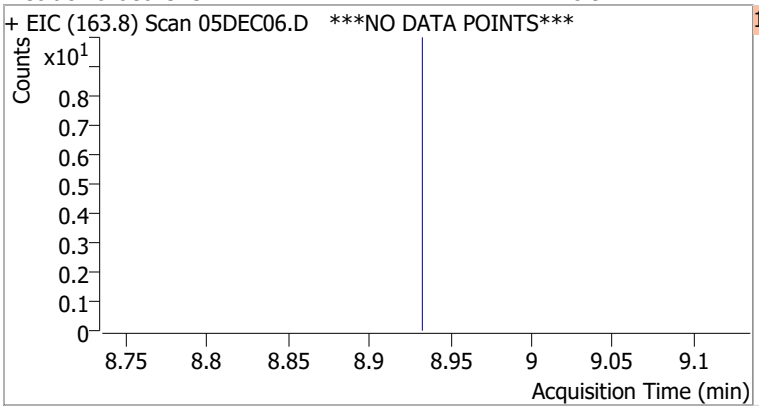


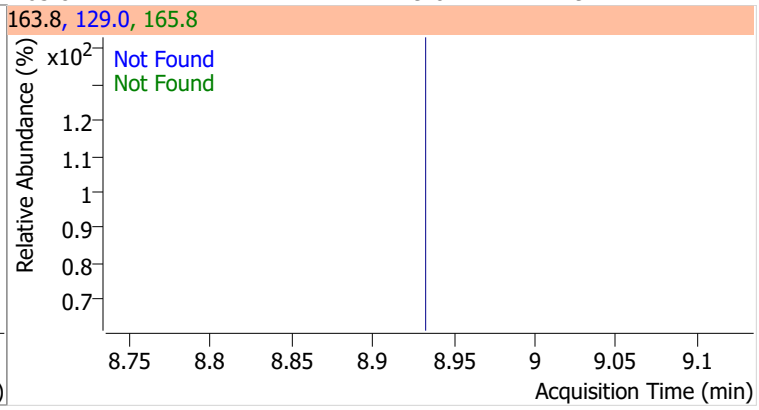
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	112.7	85.0	65.0



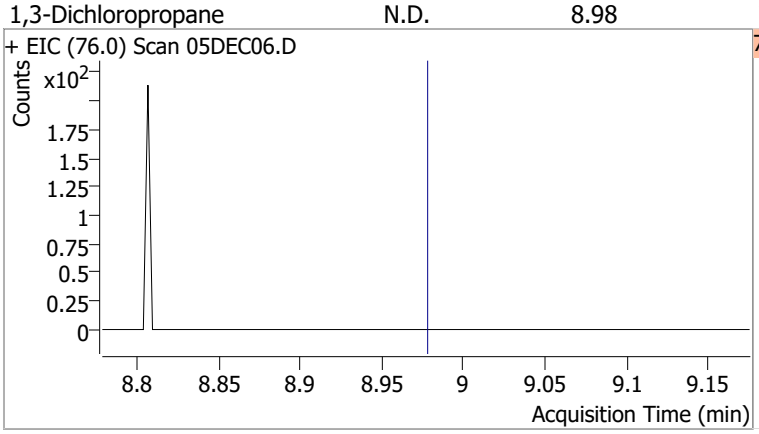


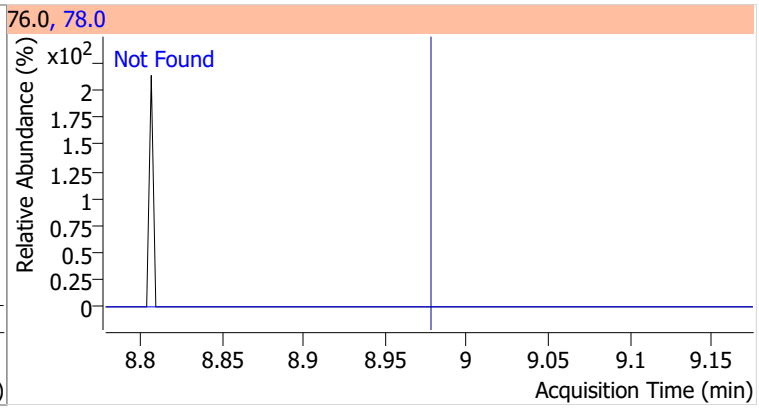
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.7	129.0	92.7



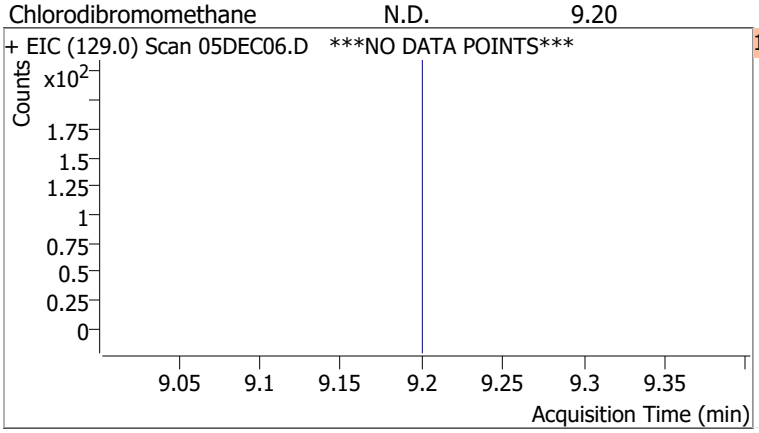


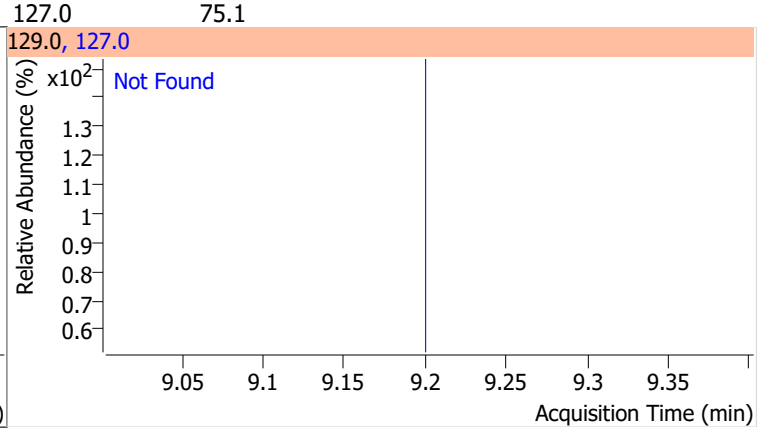
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.1



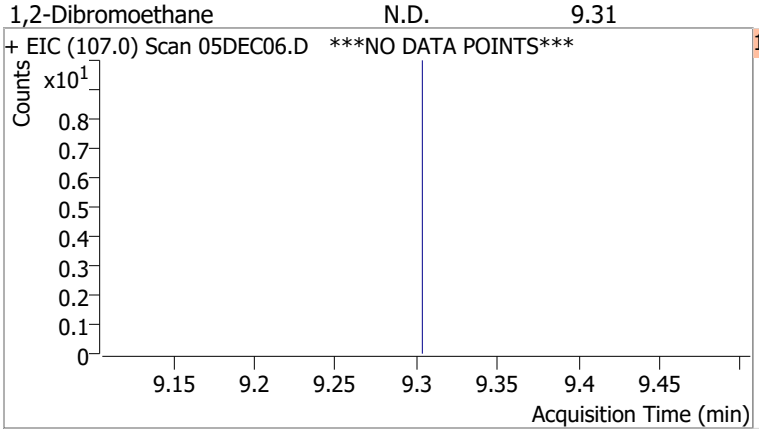


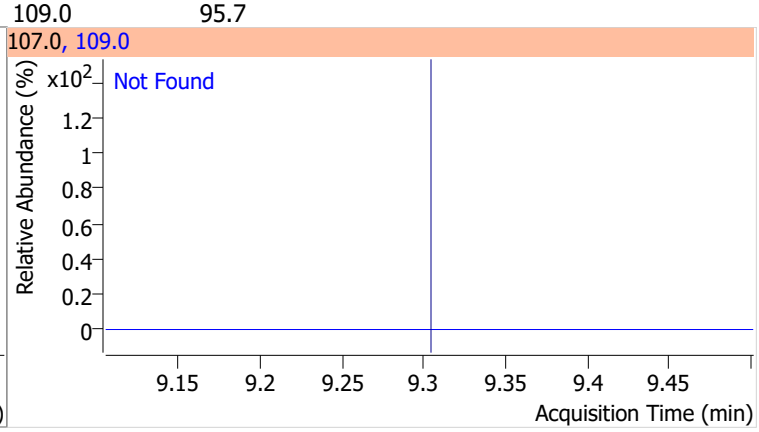
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.20	127.0	75.1



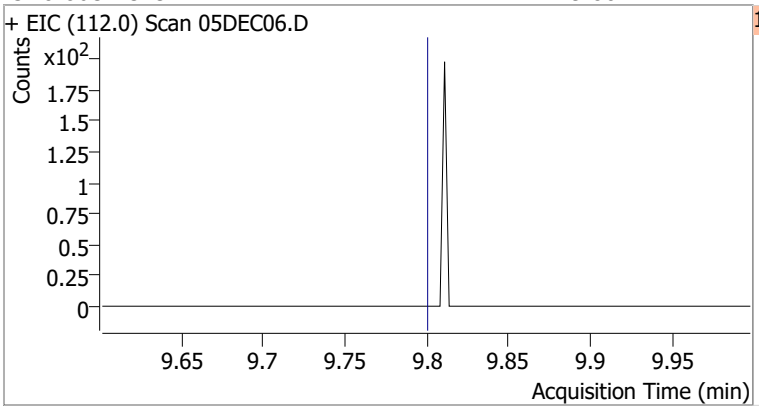


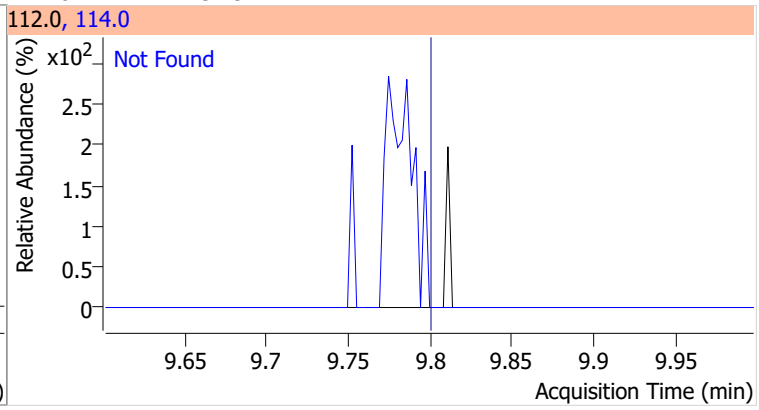
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.7



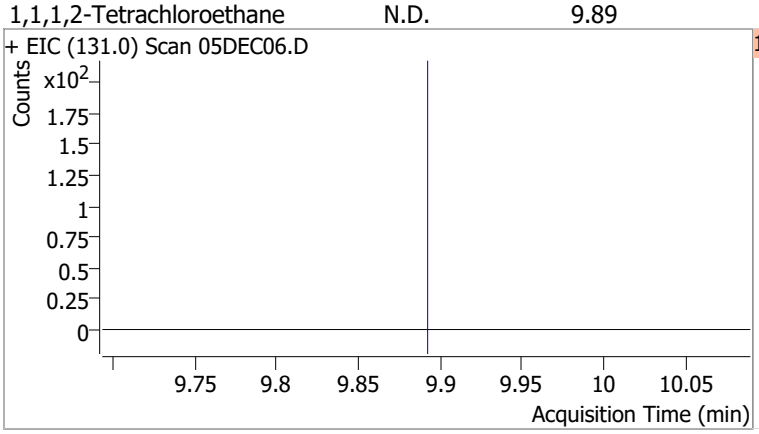


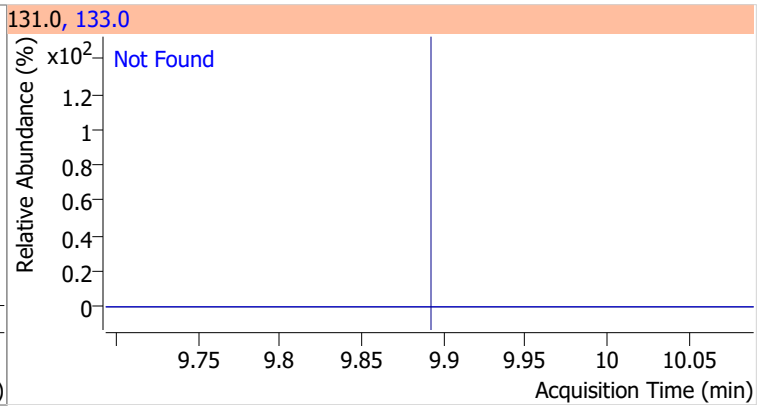
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.9



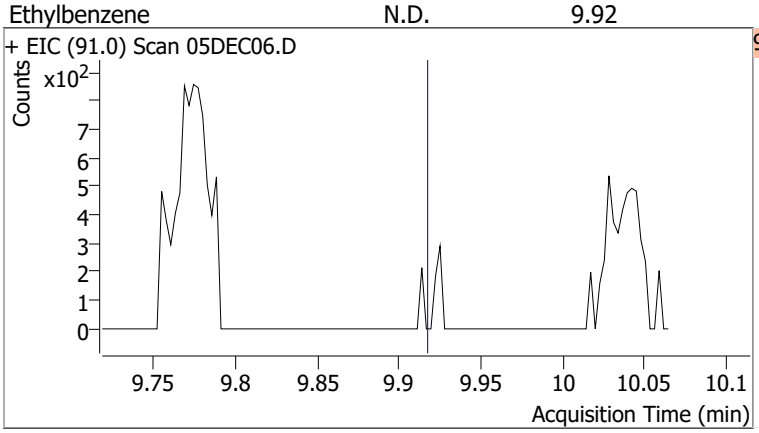


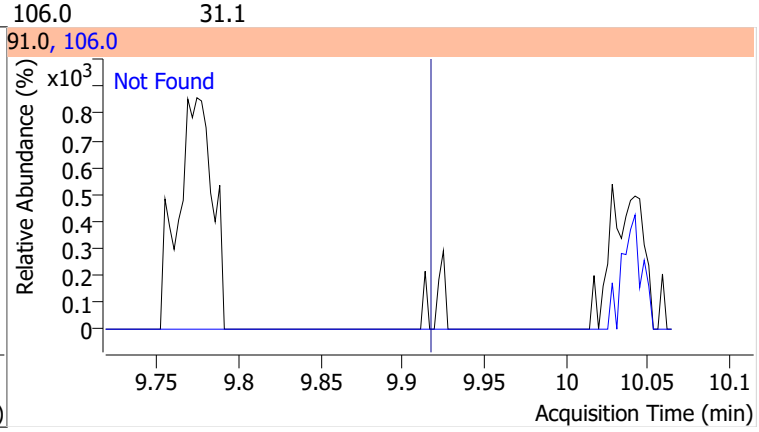
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.0



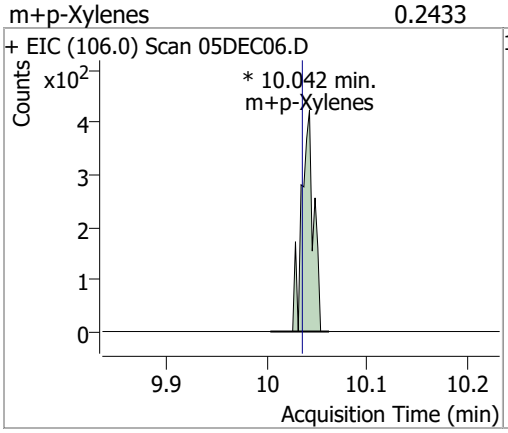


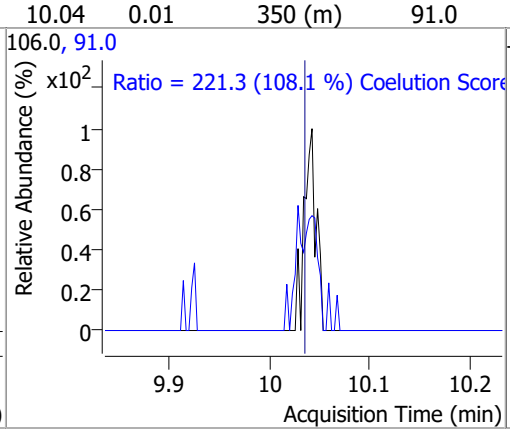
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.1

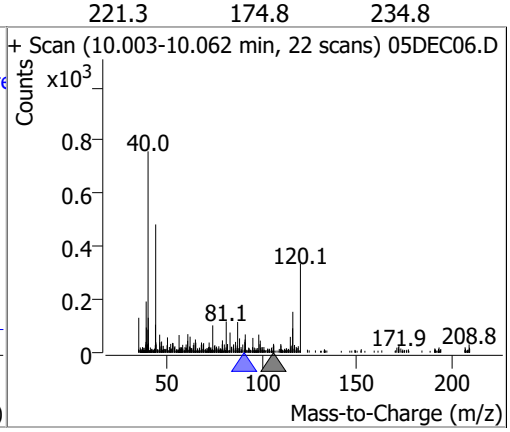




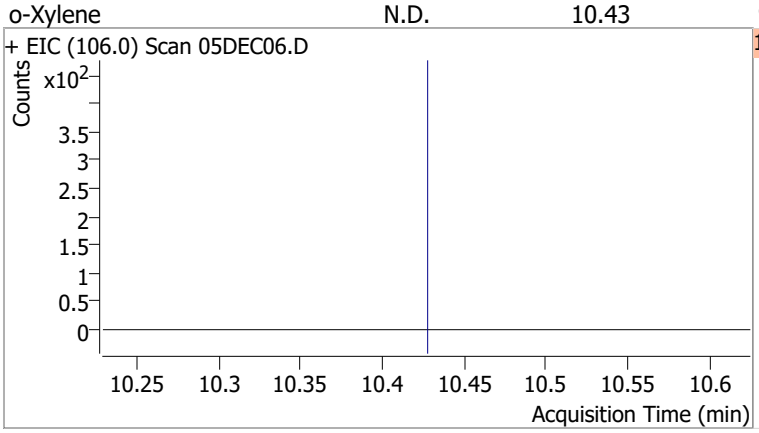
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	0.2433	10.04	0.01	350 (m)	91.0	221.3	174.8	234.8

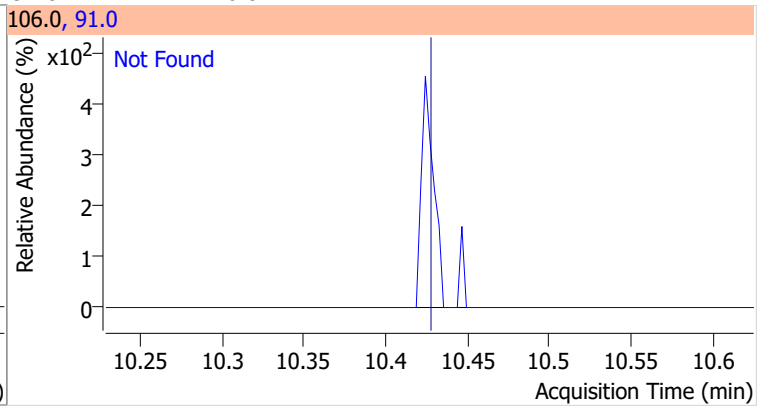




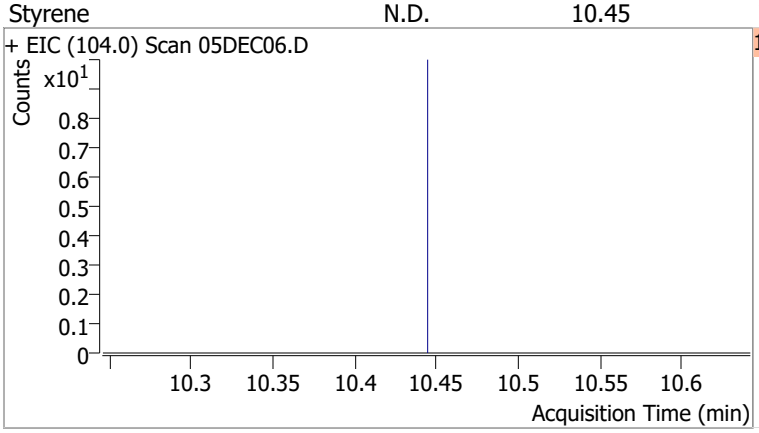


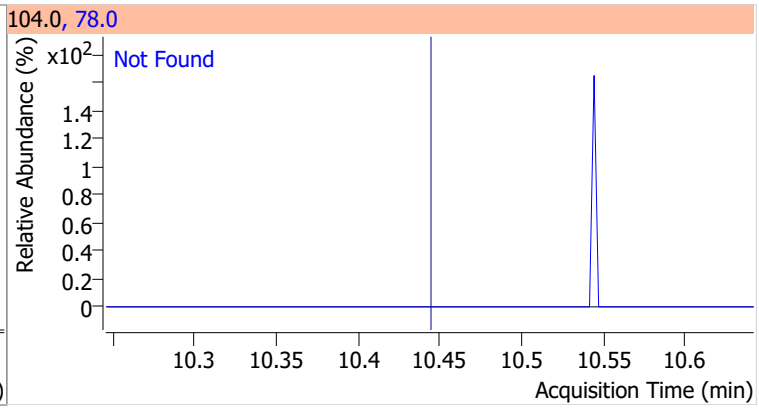
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	216.0



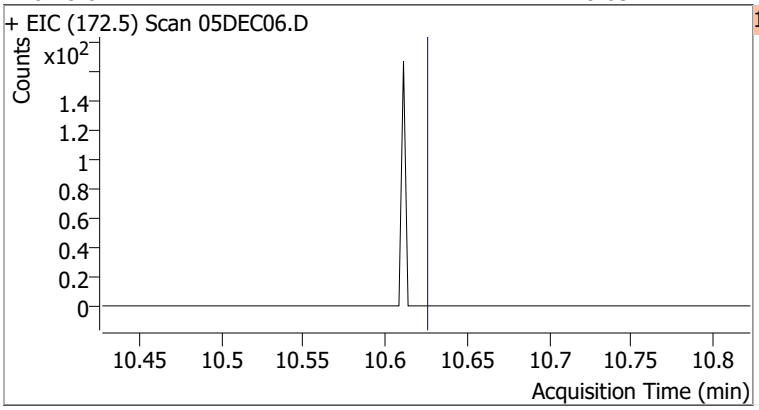


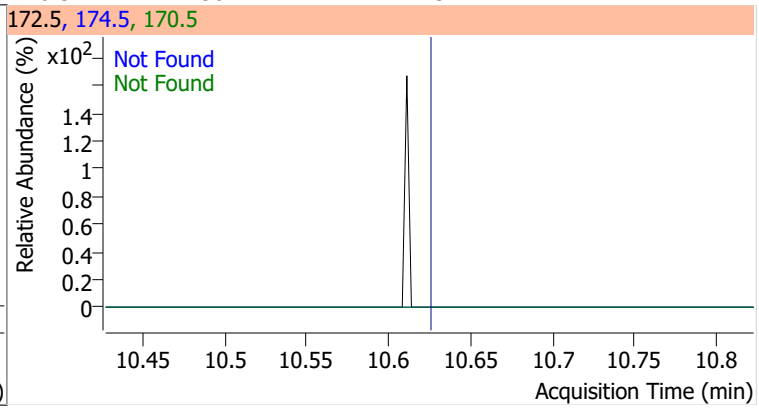
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.3



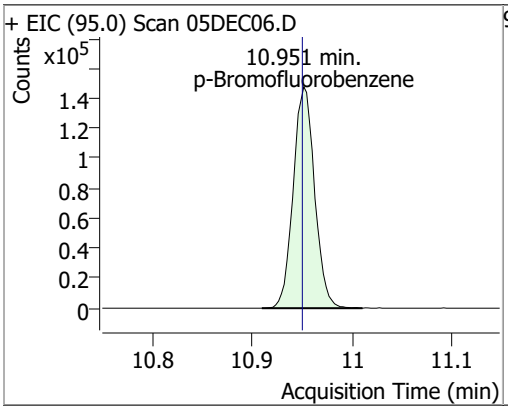


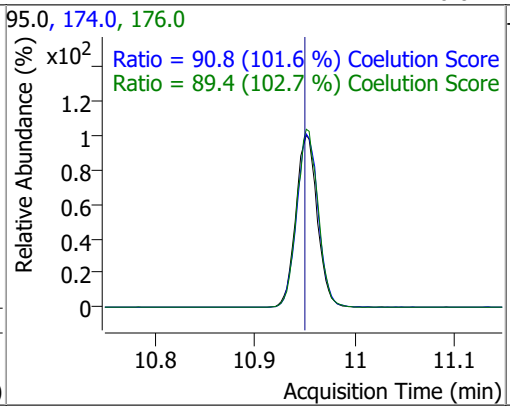
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	50.2	174.5	47.7

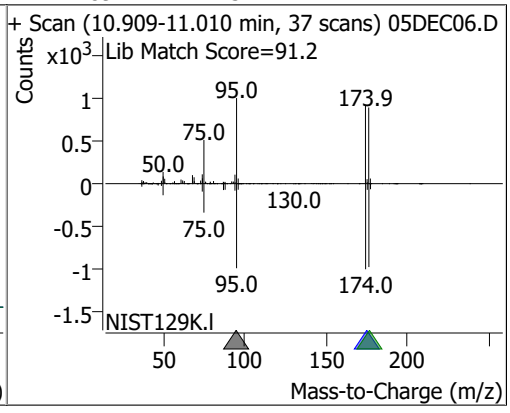




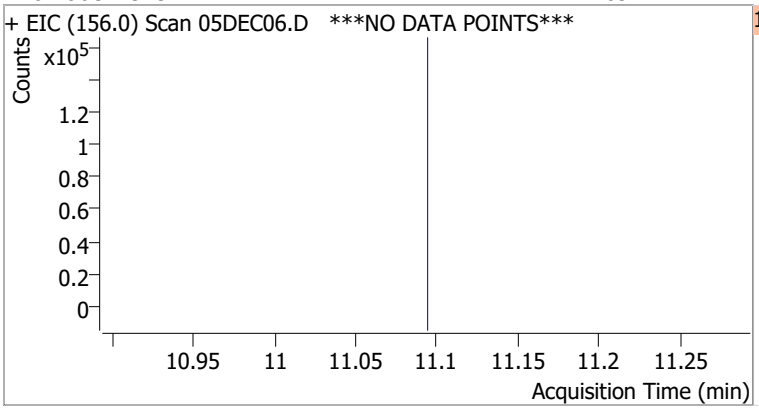
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.7312	10.95	0.00	218610	174.0	90.8	59.4	119.4
					176.0	89.4	57.1	117.1

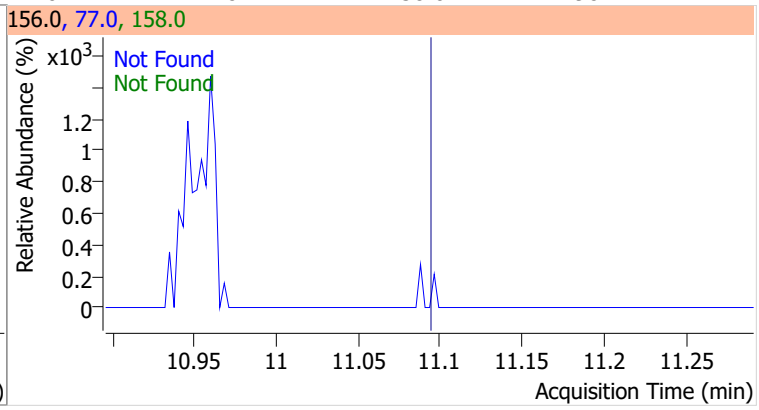




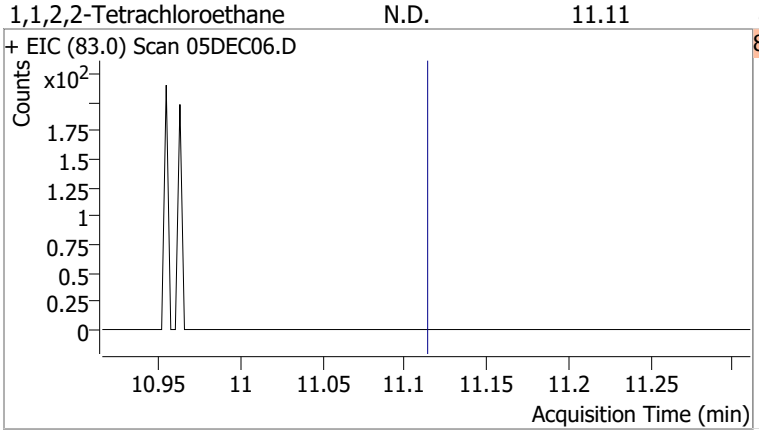


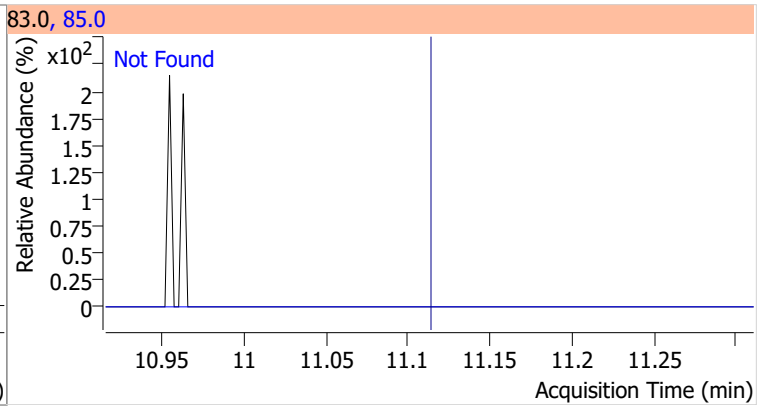
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	148.1	158.0	98.4



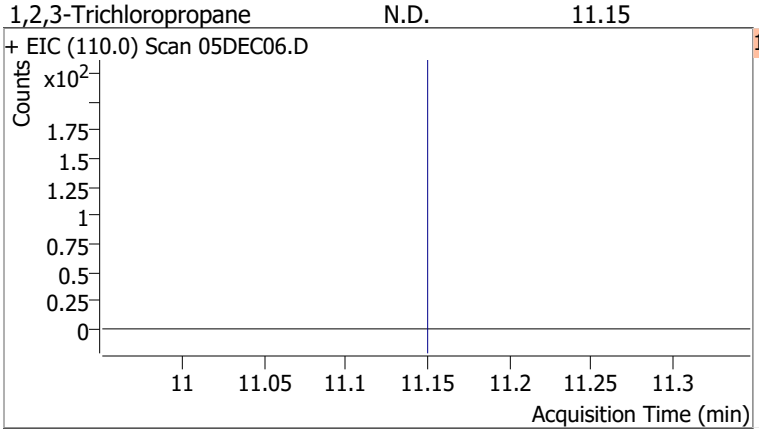


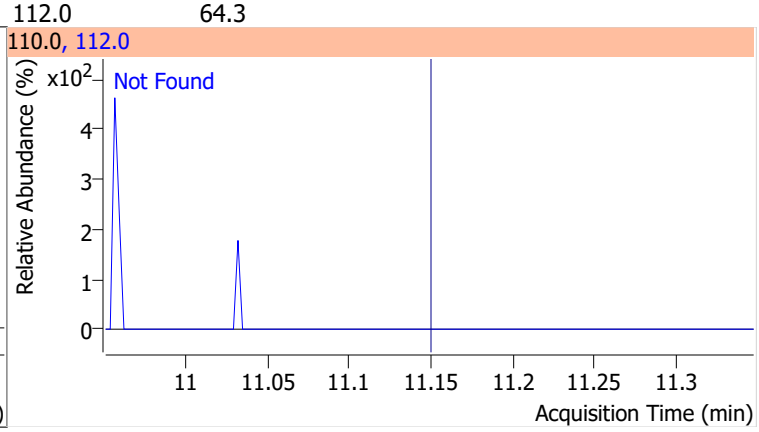
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.1



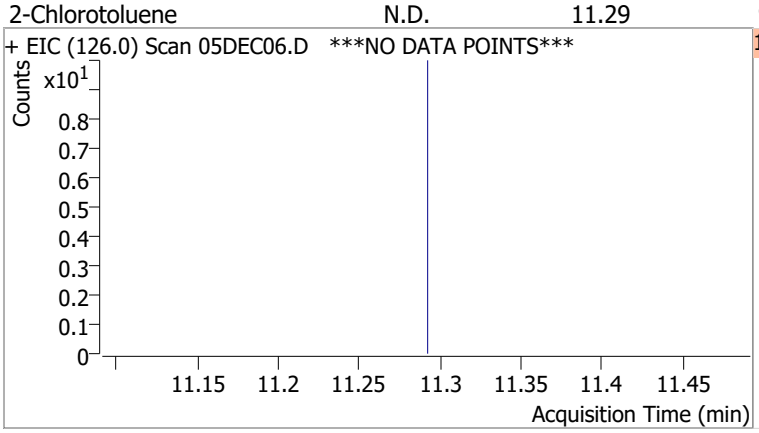


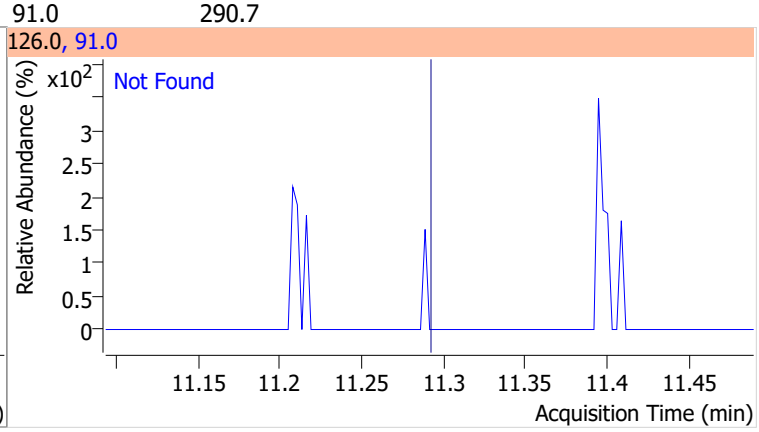
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	64.3



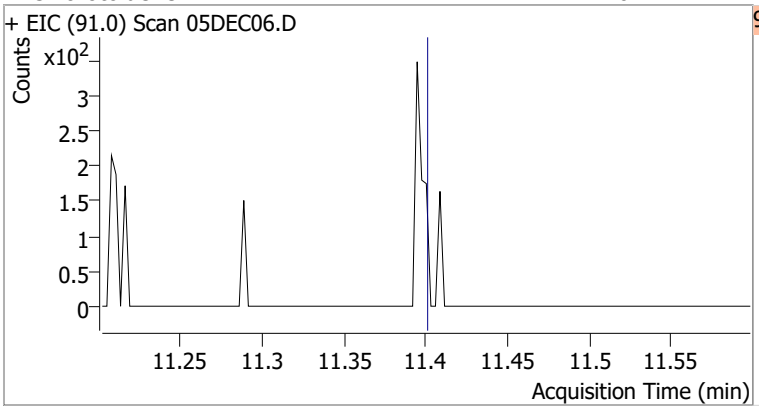


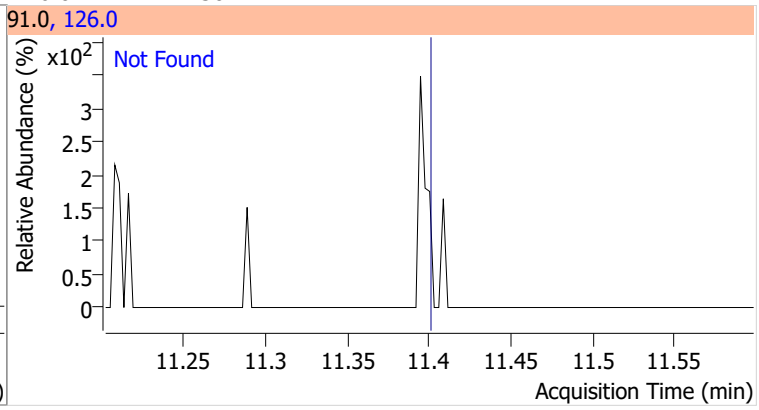
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	290.7



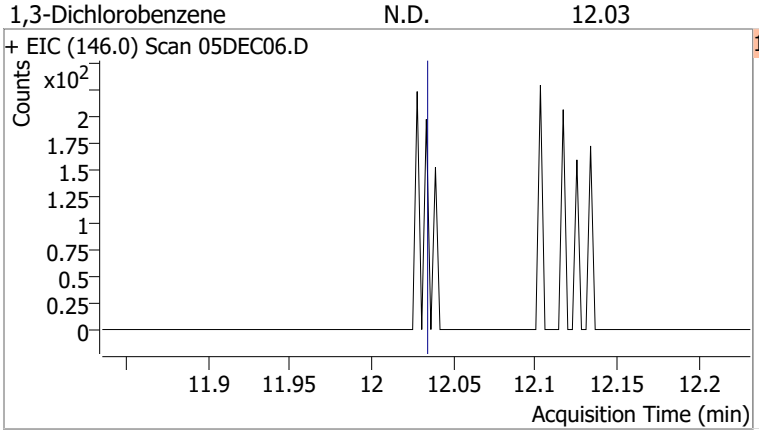


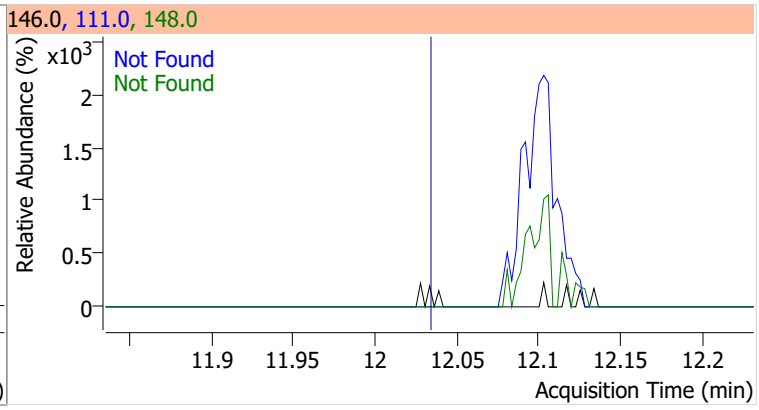
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	30.1



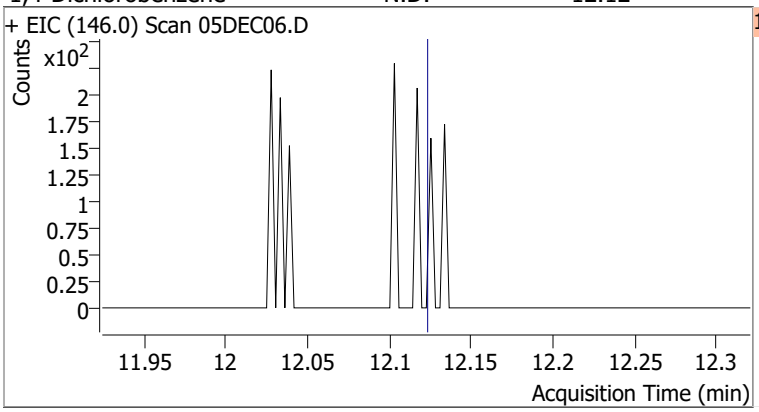


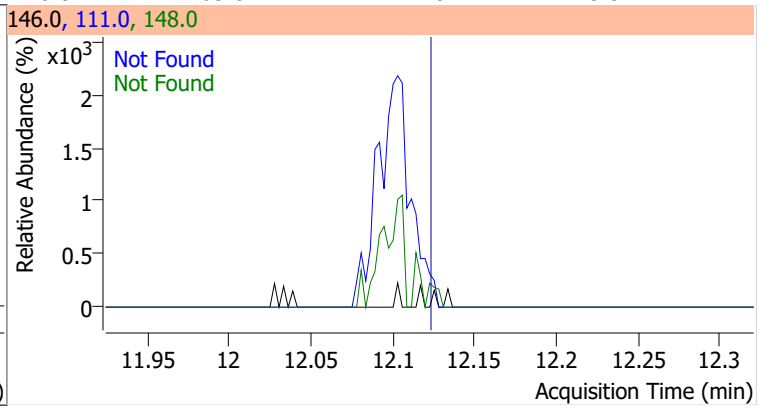
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.9	111.0	41.0



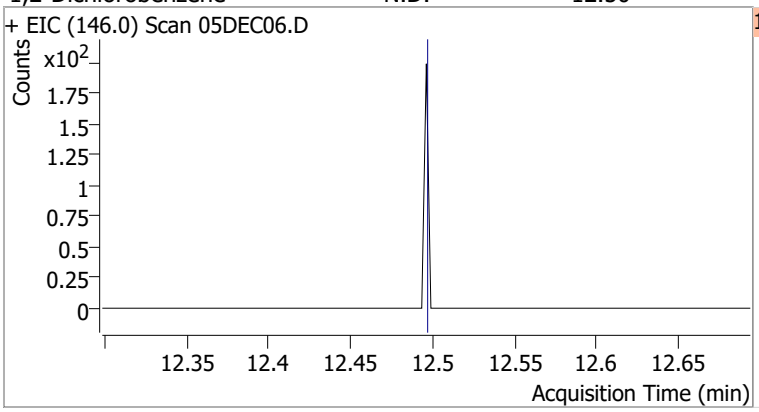


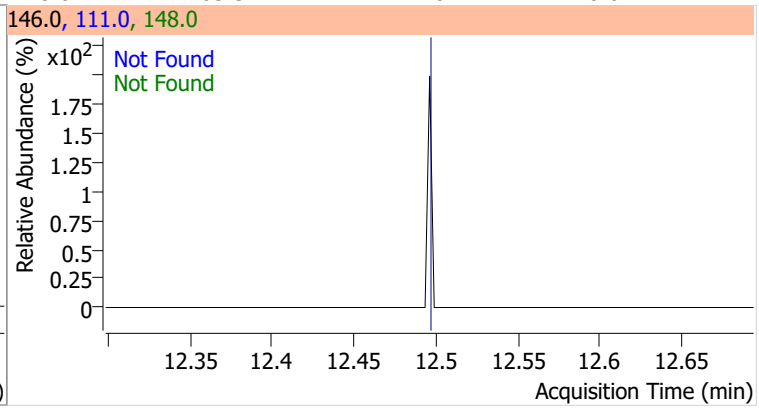
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.8	111.0	40.0





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.50	148.0	63.5	111.0	40.0

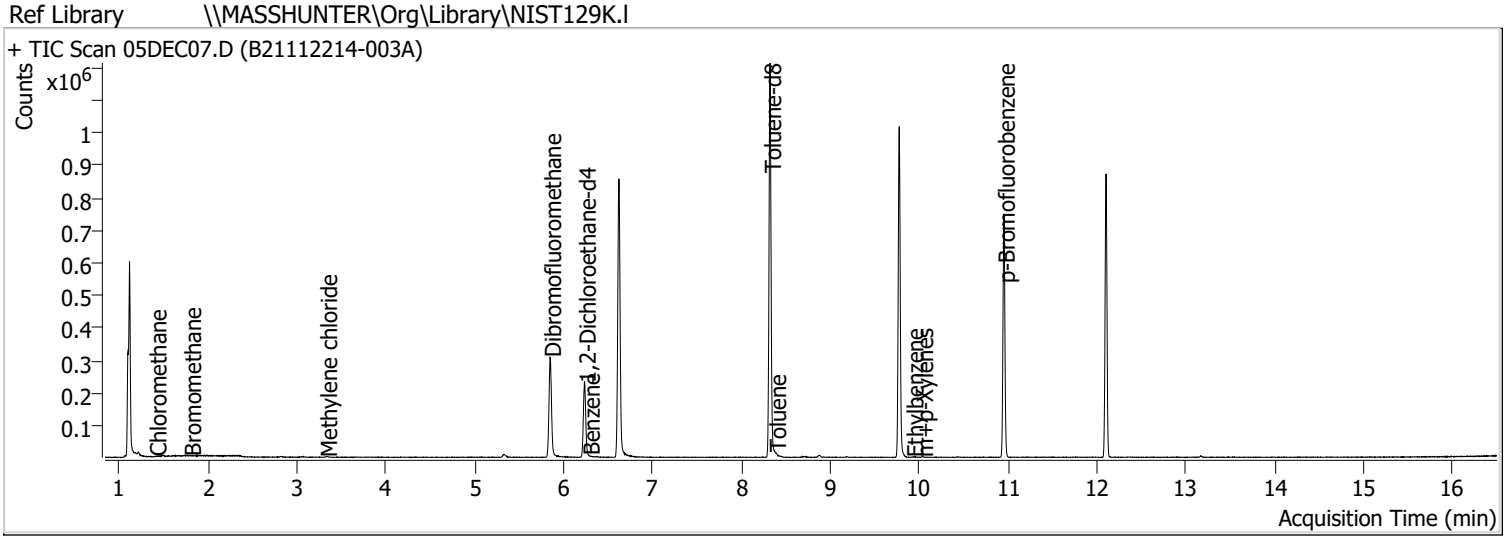




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	05DEC07.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 1:52:01 PM
Sample Name	B21112214-003A	Instrument	VOA5975C
Vial	7	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

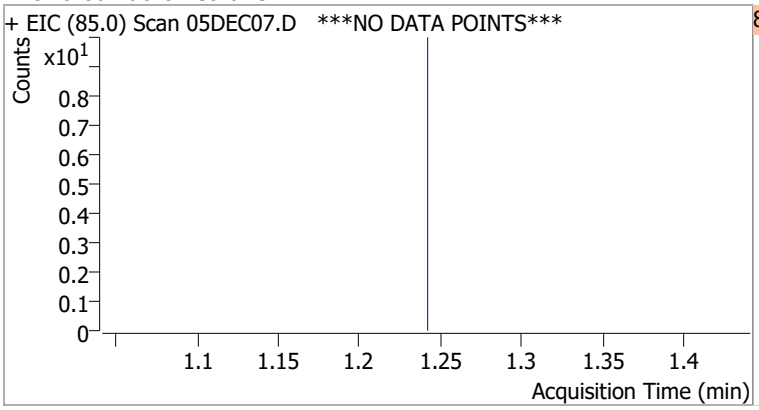


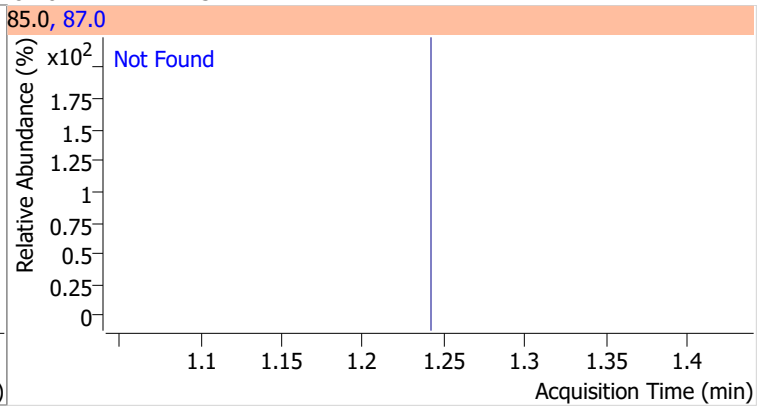
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.621	96.0	729513	250.0000	ng		0.000
M Chlorobenzene-d5	9.772	82.0	282381	250.0000	ng		-0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	206691	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	182158	262.1840	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.87%			
S 1,2-Dichloroethane-d4	6.236	67.0	82531	258.1849	ng		0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 103.27%			
S Toluene-d8	8.322	98.0	725407	260.0596	ng		0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 104.02%			
S p-Bromofluorobenzene	10.951	95.0	213651	269.3073	ng		0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.72%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.409	50.0	642	0.5548	ng	m	88
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	1.799	96.0	357	3.8724	ng	m	77
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	1656	1.5500	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	6.283	78.0	257	0.0855	ng	m	62
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.377	92.0	1491	0.7871	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	9.922	91.0	537	0.1485	ng	m	75
T m+p-Xylenes	10.031	106.0	674	0.4826	ng	#m	62
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

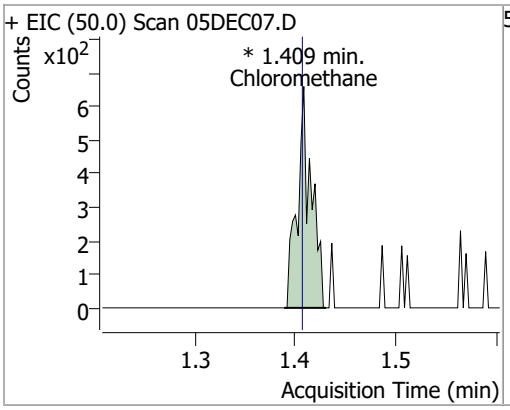
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

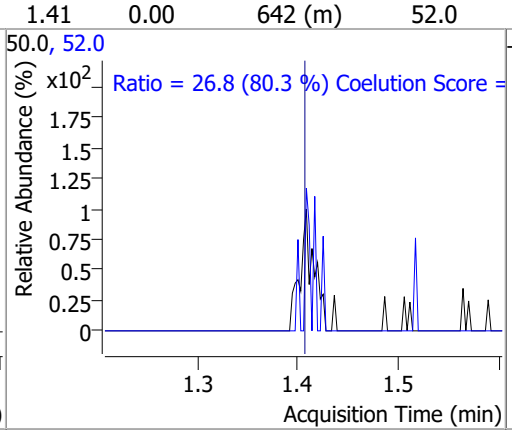
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.1

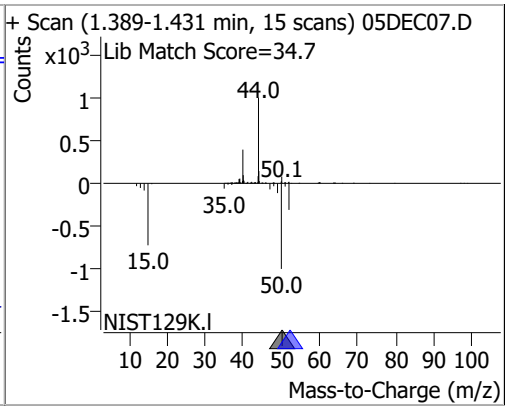




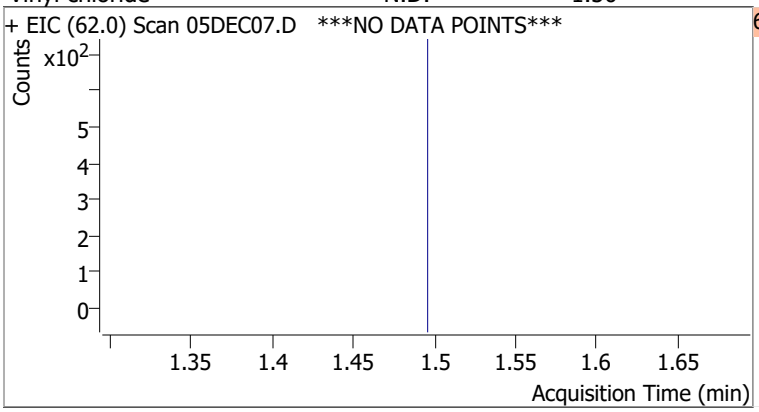
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.5548	1.41	0.00	642 (m)	52.0	26.8	3.4	63.4

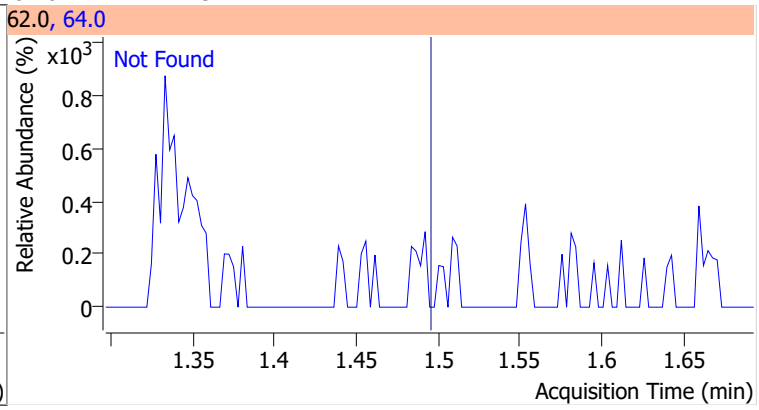




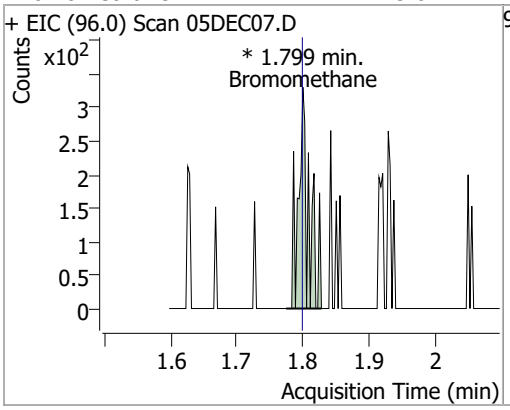


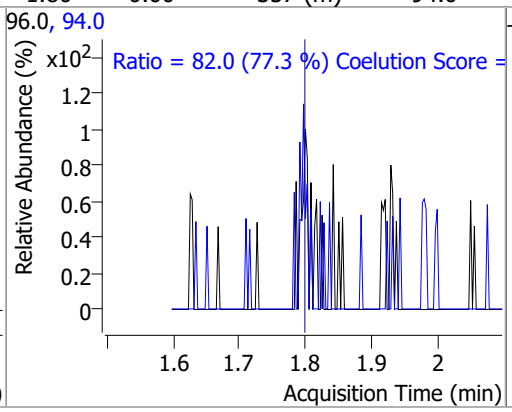
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.2

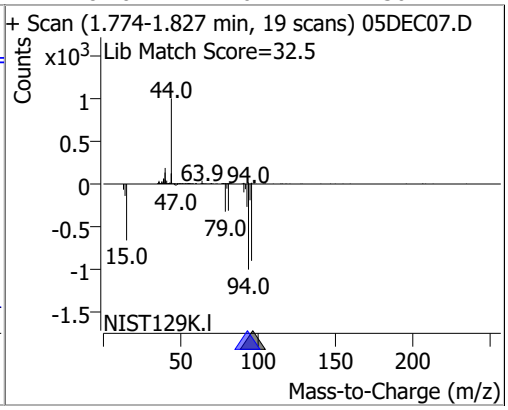




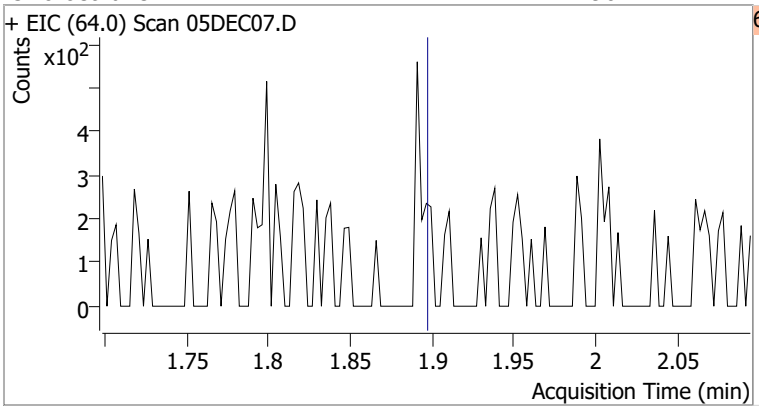
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	3.8724	1.80	0.00	357 (m)	94.0	82.0	76.1	136.1

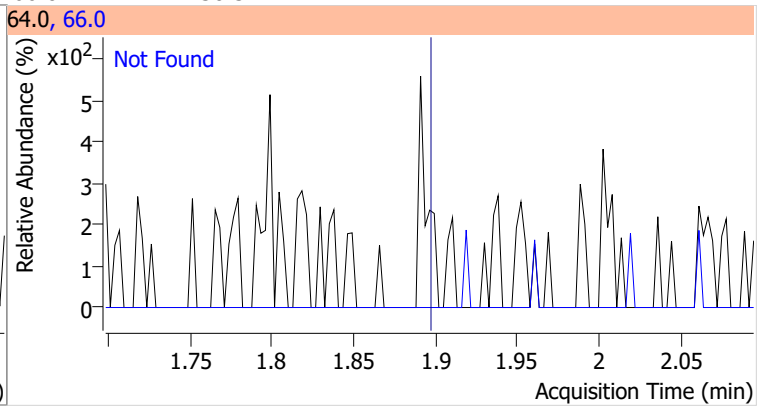




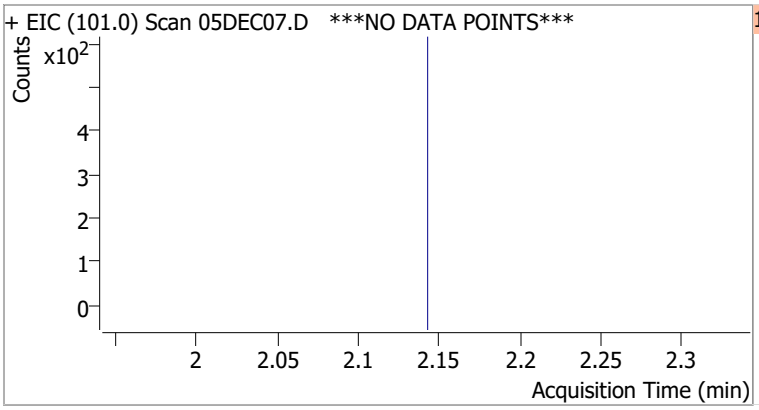


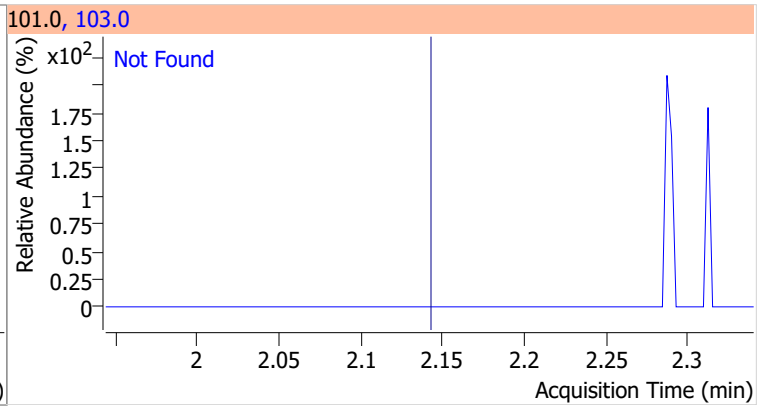
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.5



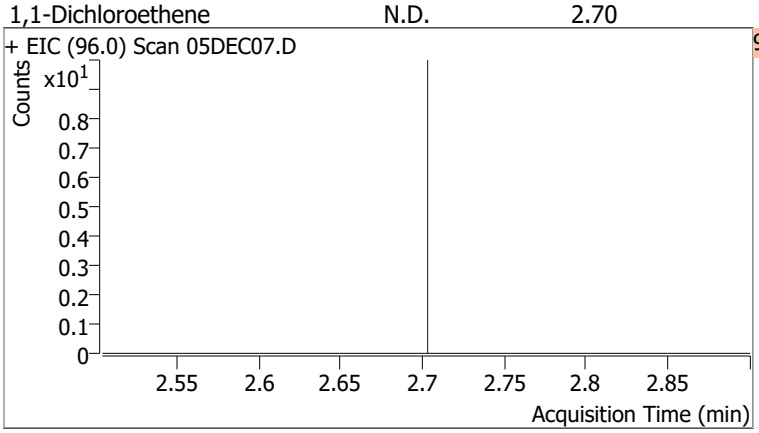


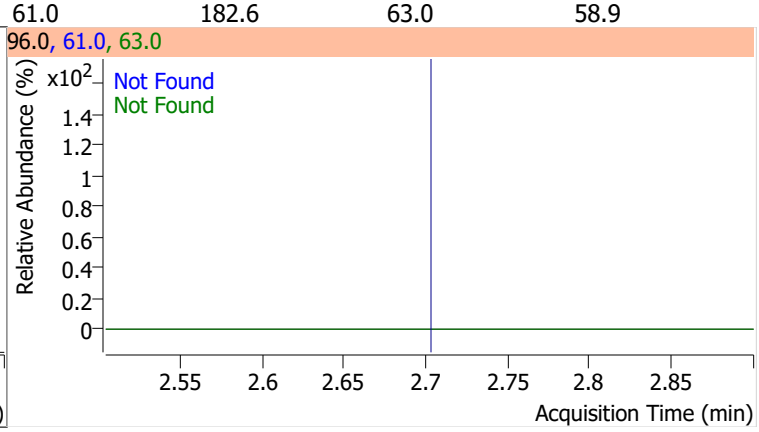
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	63.3



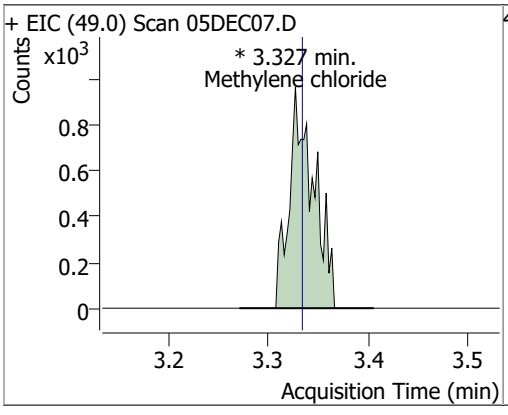


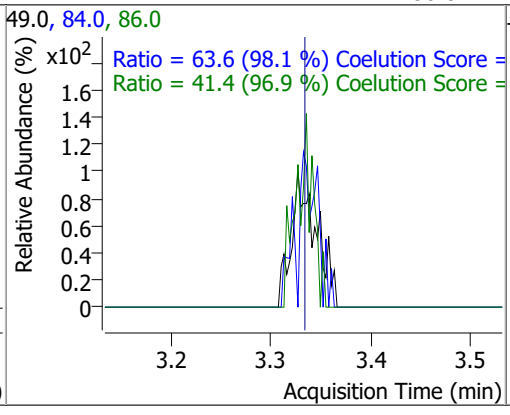
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	182.6	63.0	58.9

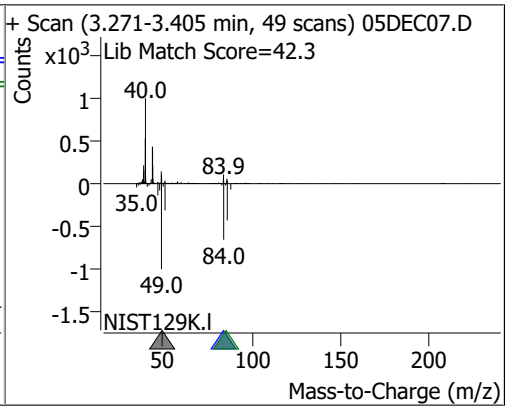




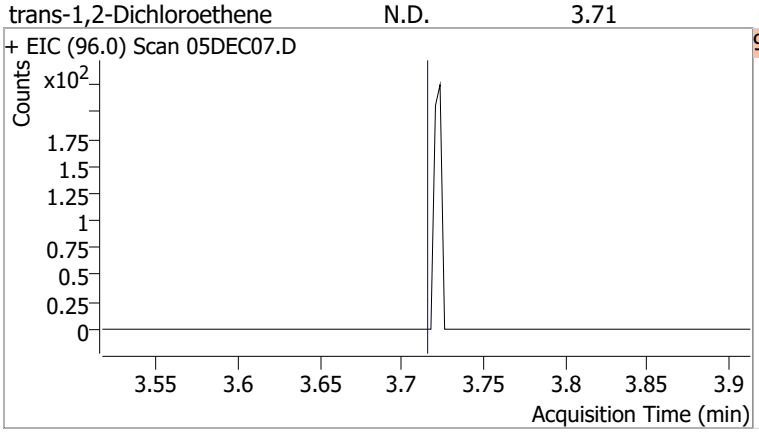
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.5500	3.33	-0.01	1656 (m)	84.0	63.6	34.8	94.8
					86.0	41.4	12.7	72.7

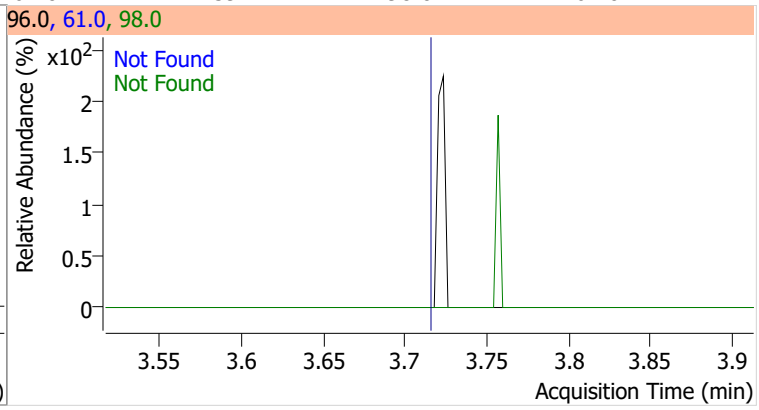




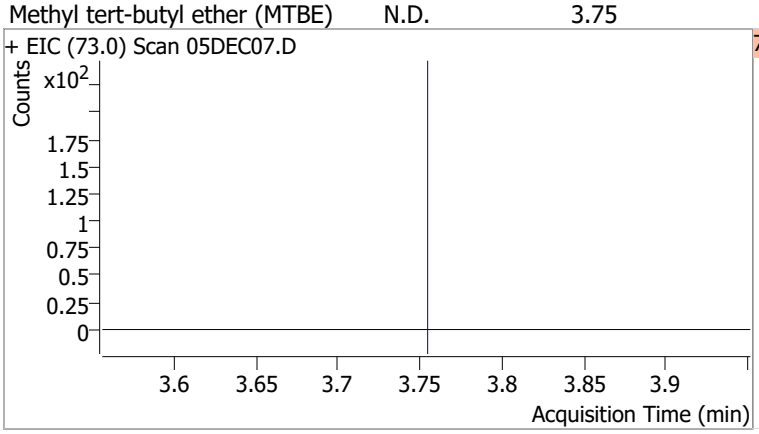


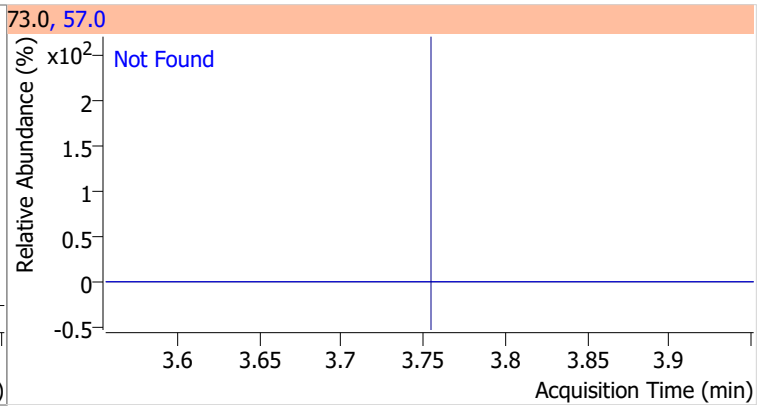
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.71	61.0	159.4	98.0	64.0



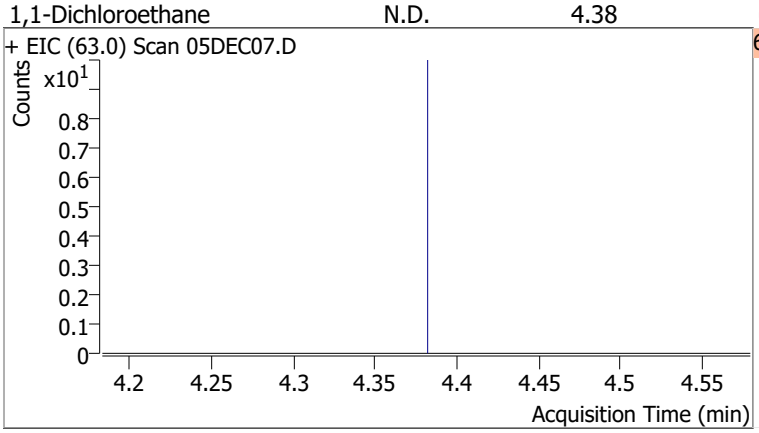


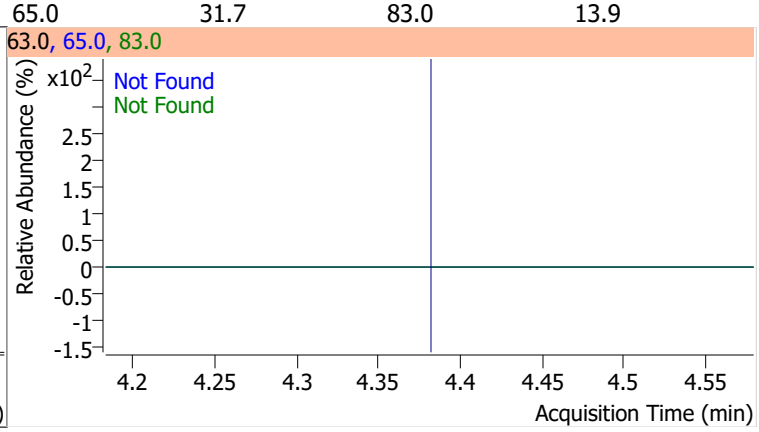
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	23.5



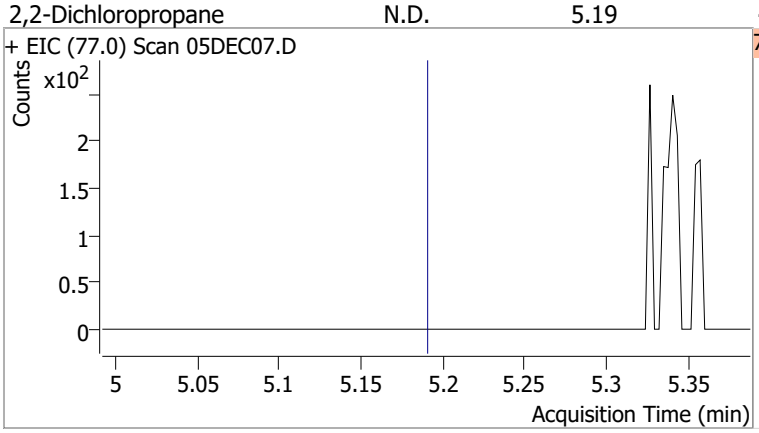


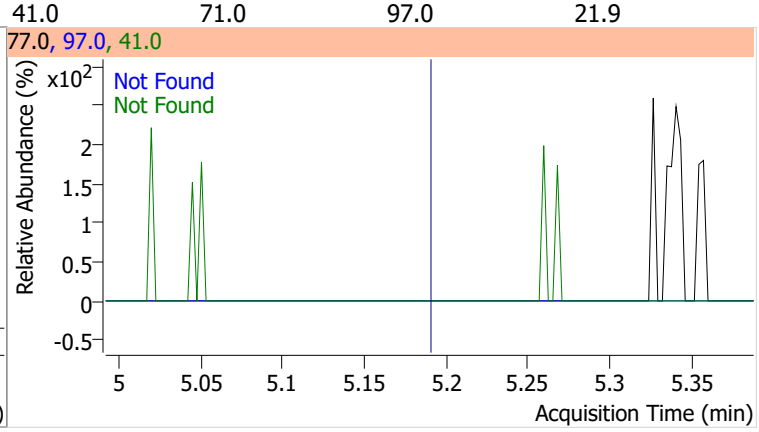
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.7	83.0	13.9



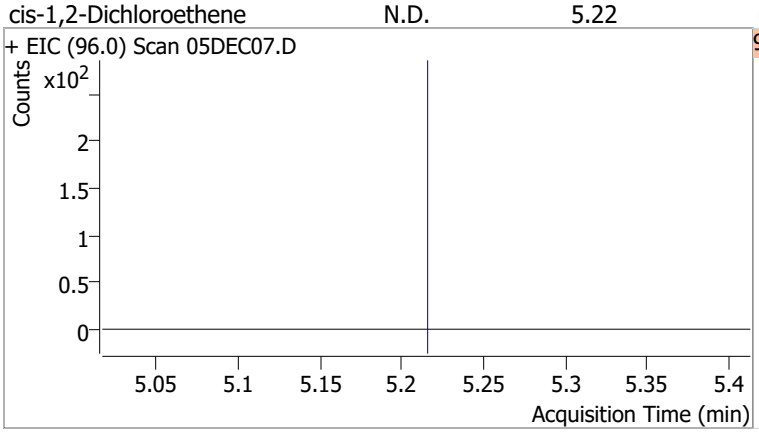


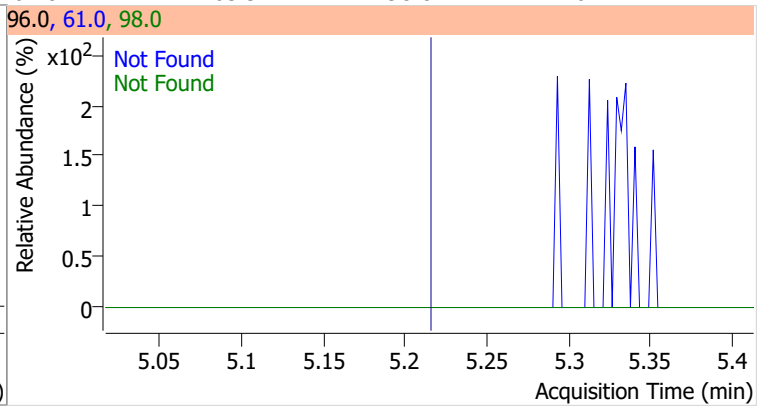
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	71.0	97.0	21.9



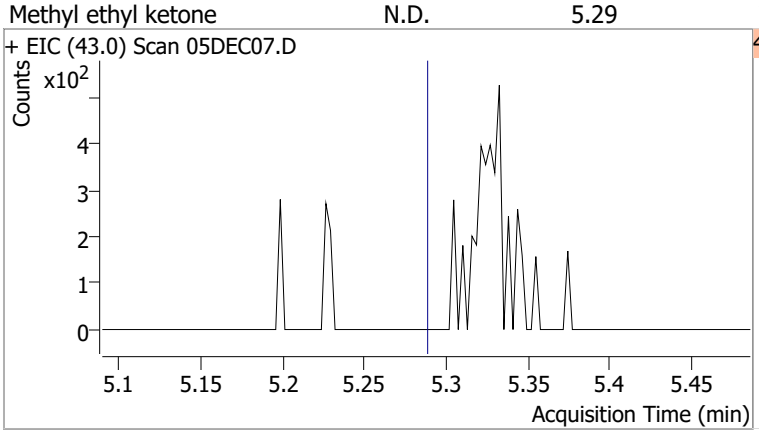


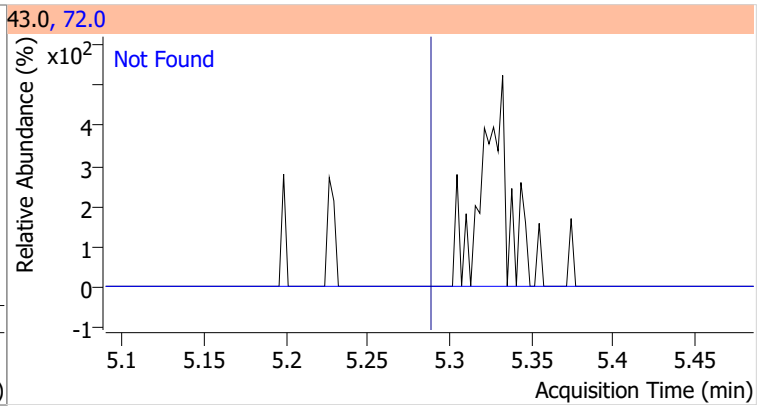
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	165.9	98.0	64.4



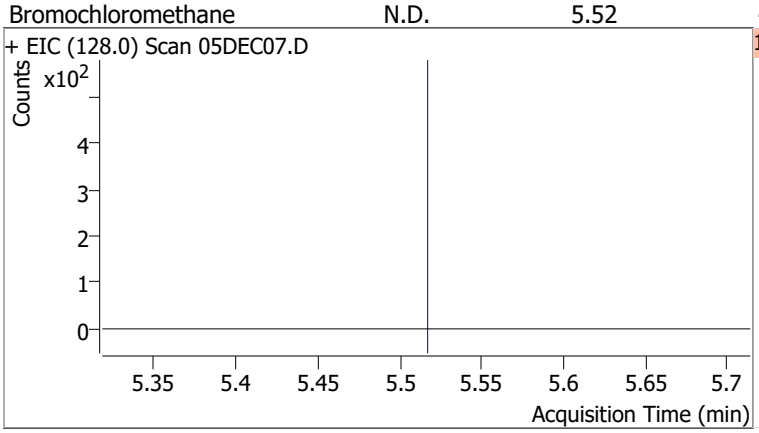


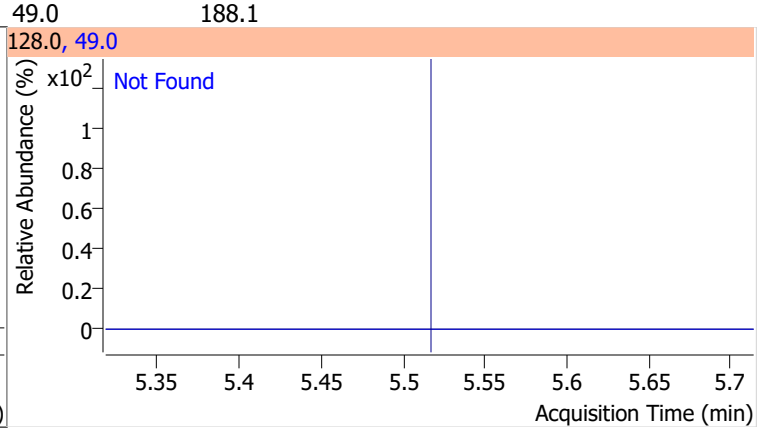
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.29	72.0	19.8



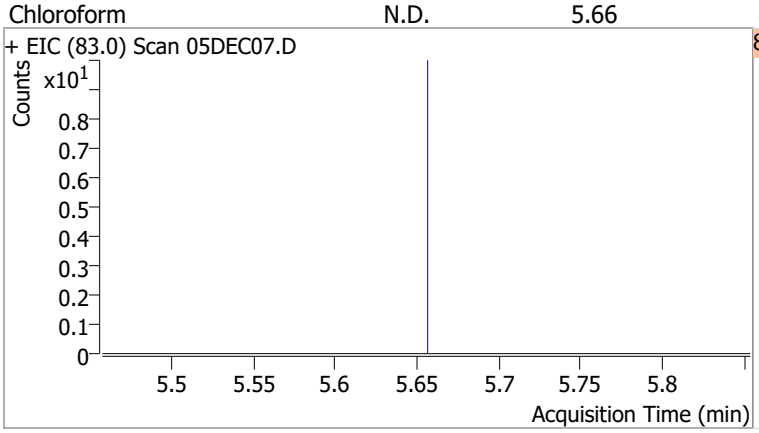


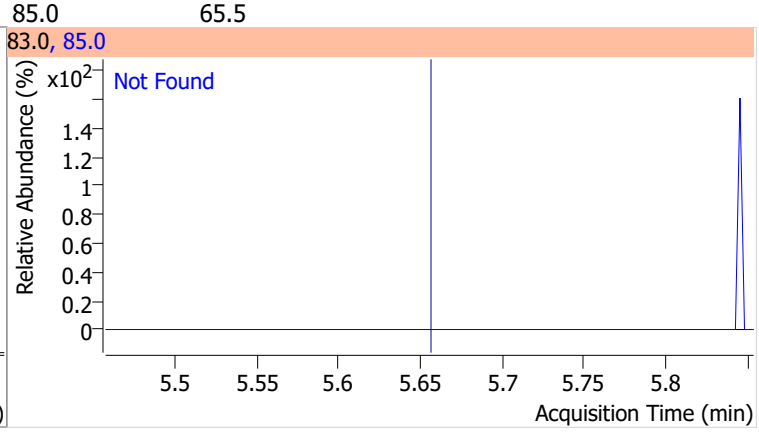
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	188.1



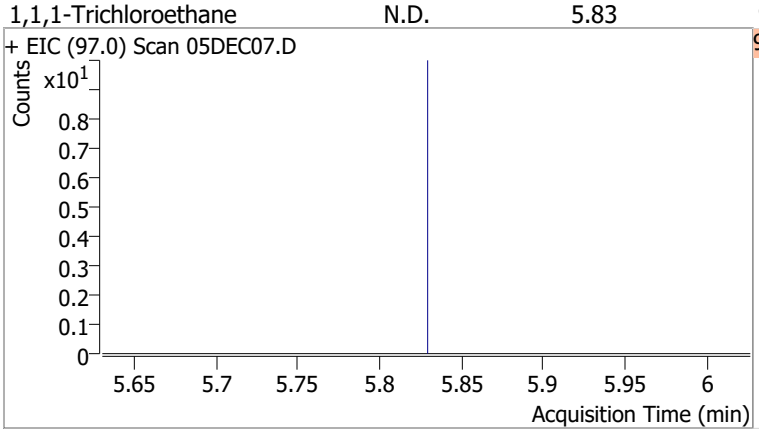


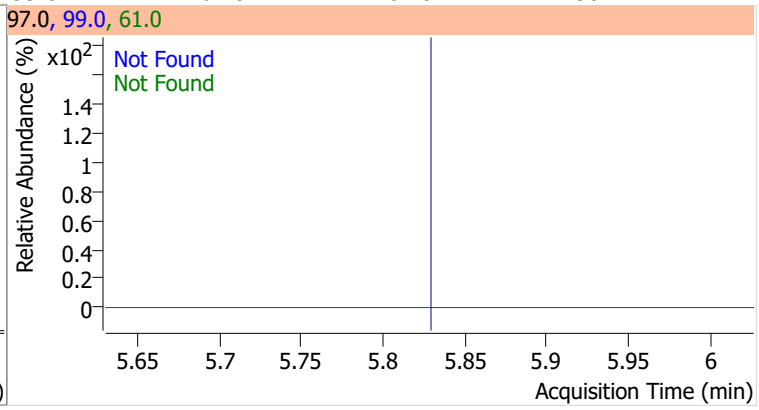
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.66	85.0	65.5



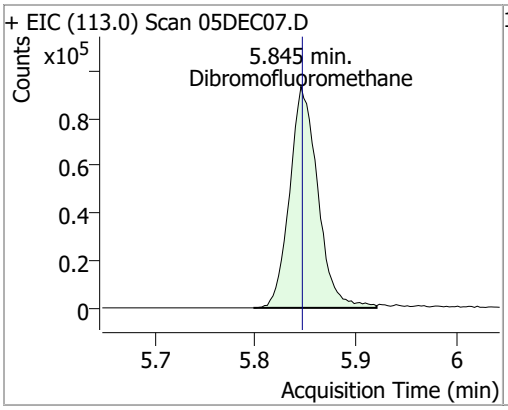


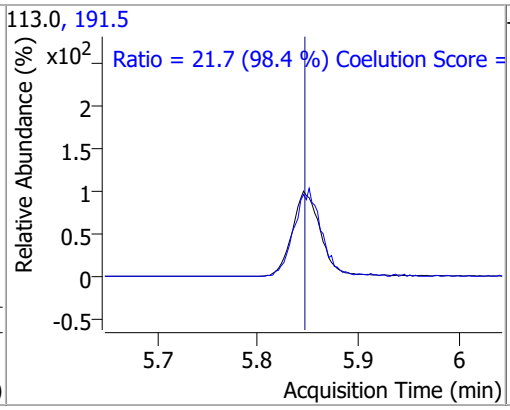
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.0	61.0	50.4

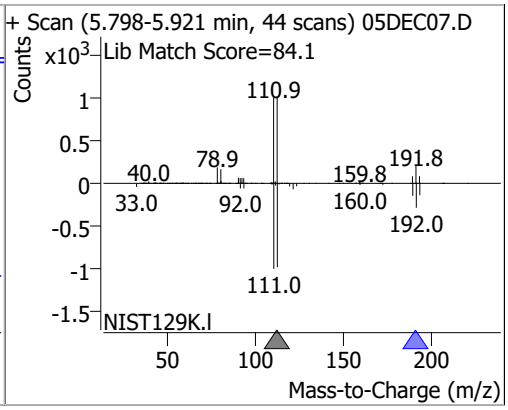




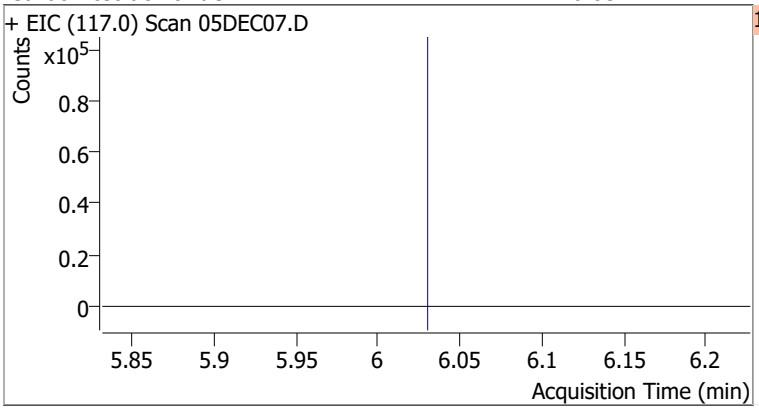
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	262.1840	5.85	0.00	182158	191.5	21.7	0.0	52.1

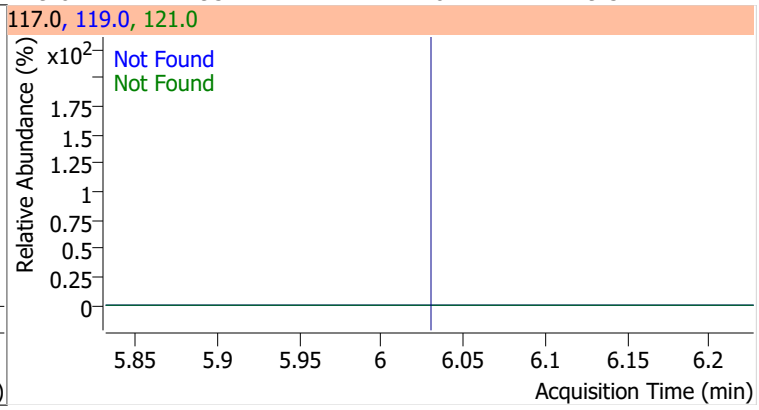




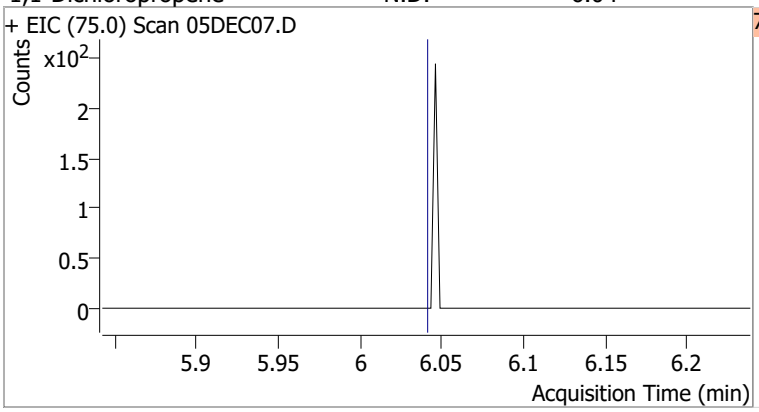


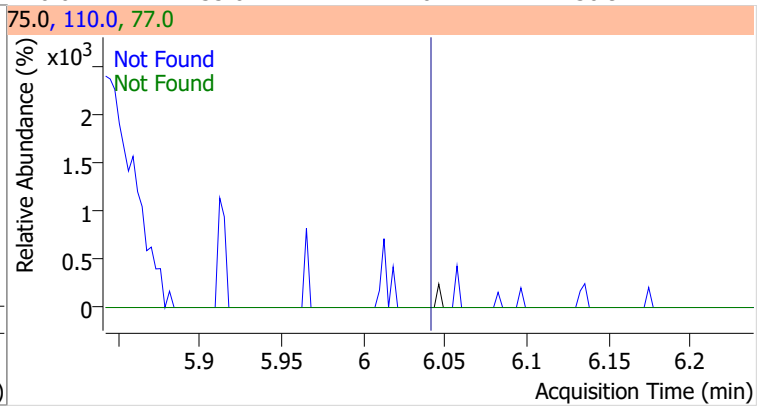
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.4	121.0	29.5



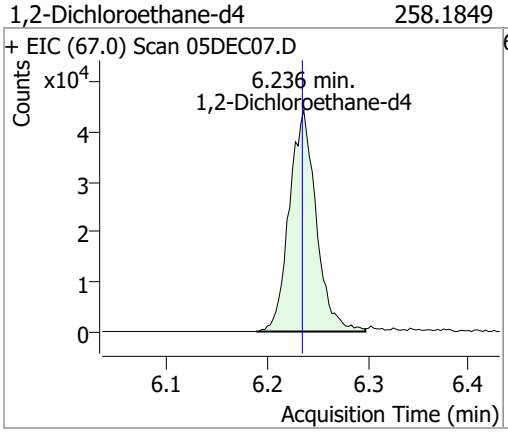


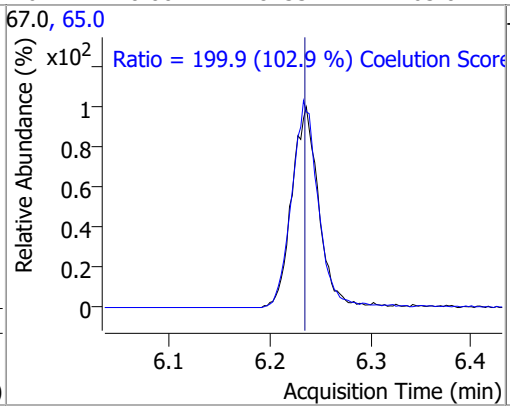
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.0	77.0	30.9

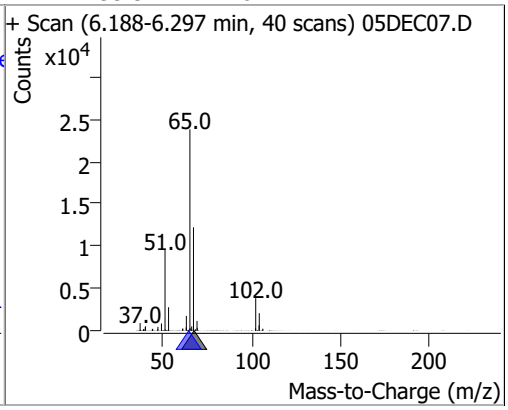




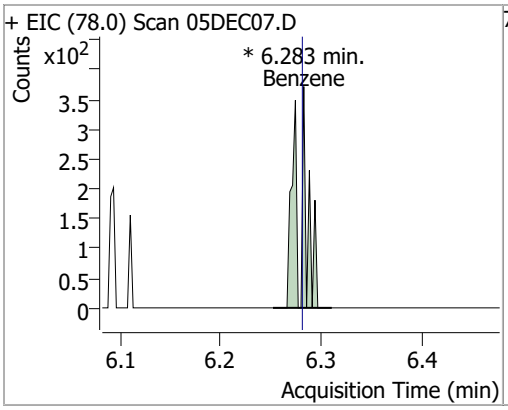
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	258.1849	6.24	0.00	82531	65.0	199.9	164.2	224.2

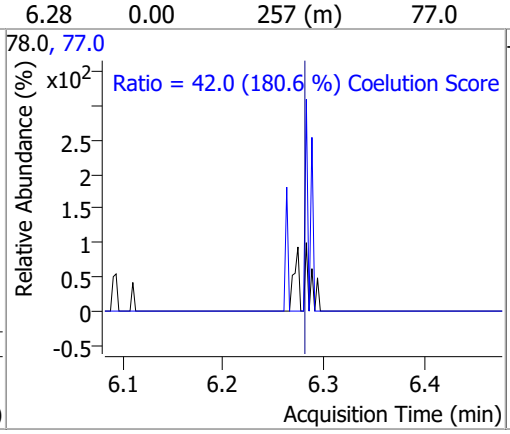


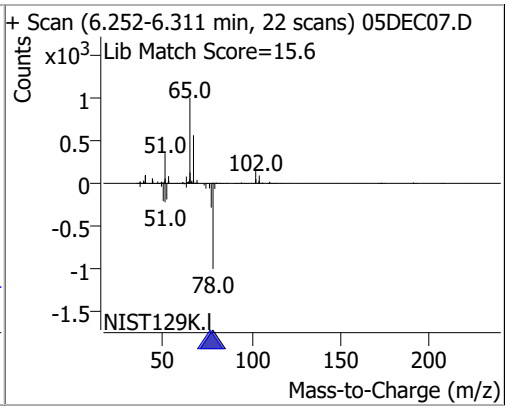




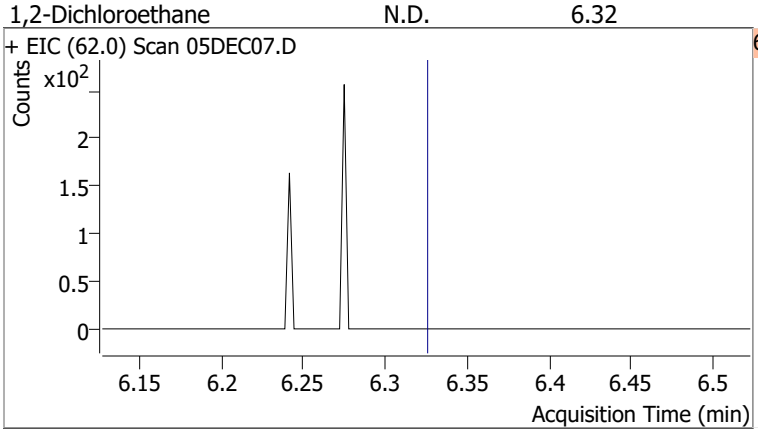
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.0855	6.28	0.00	257 (m)	77.0	42.0	0.0	53.3

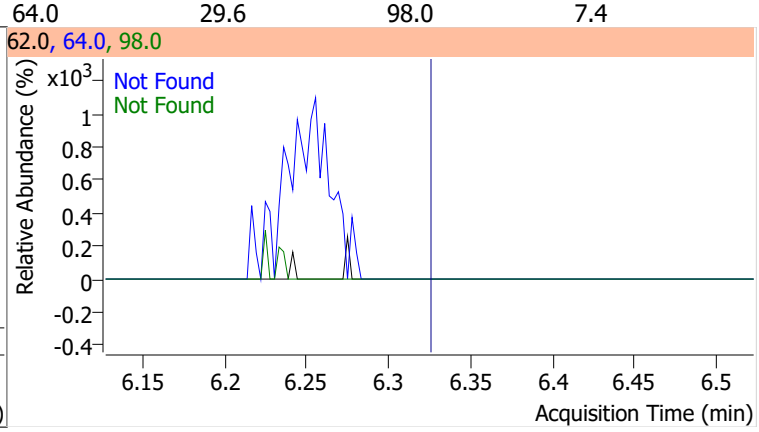




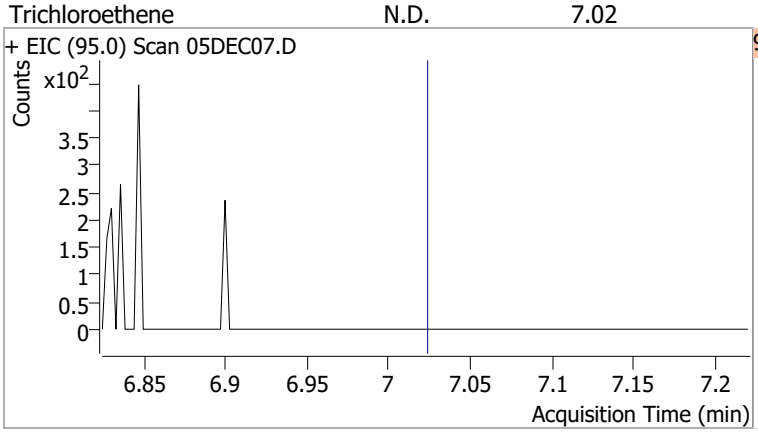


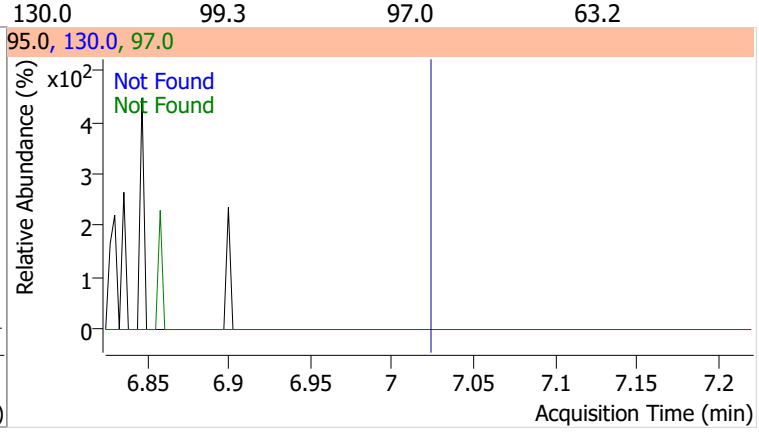
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.6	98.0	7.4



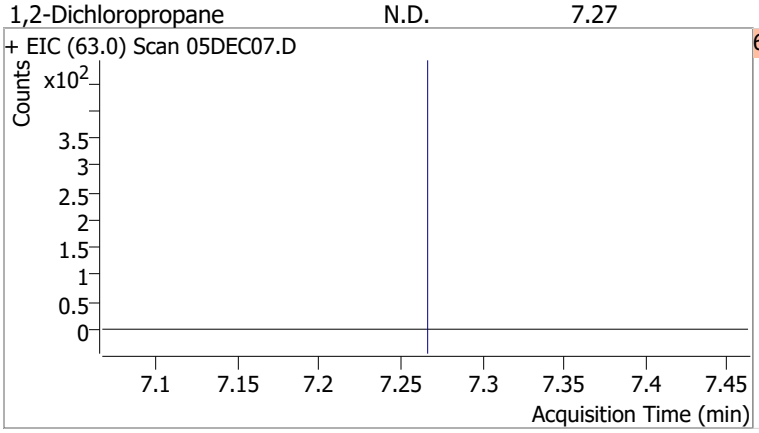


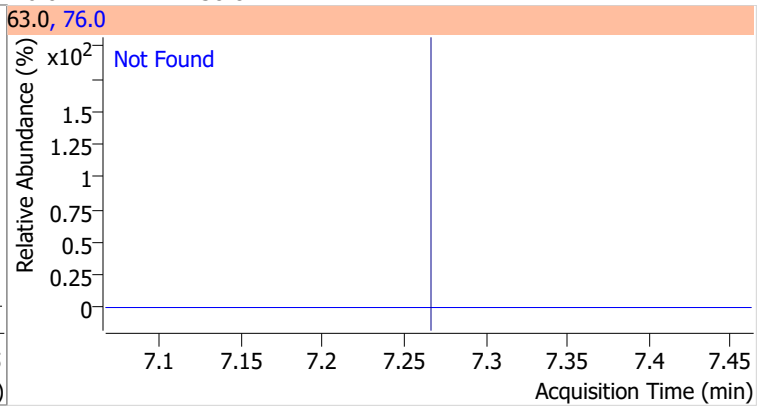
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	99.3	97.0	63.2



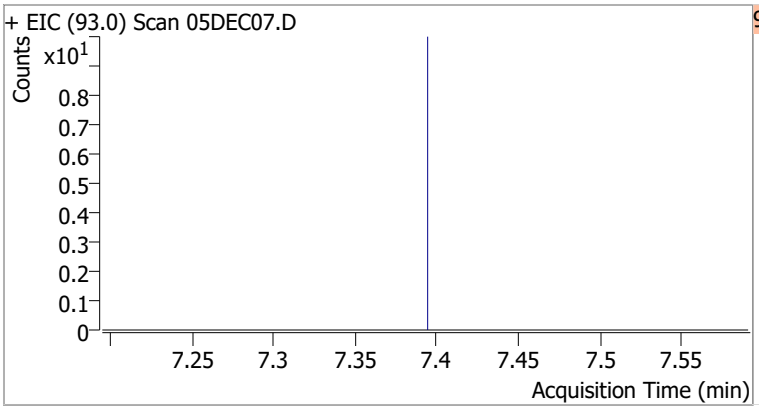


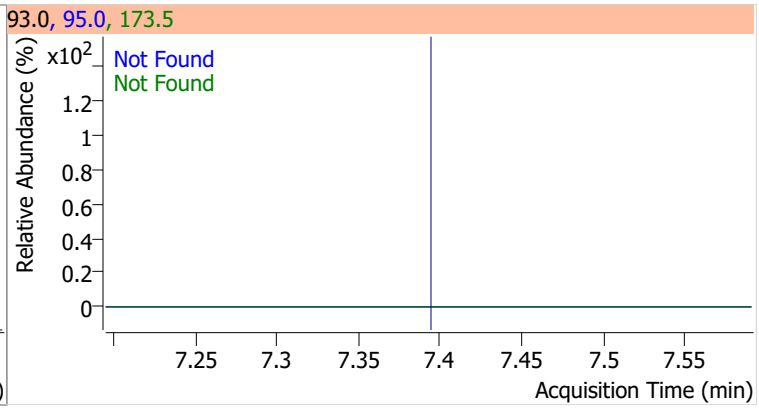
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.8



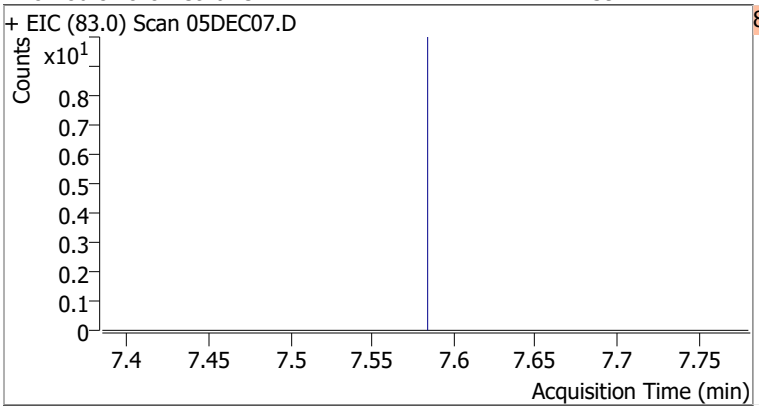


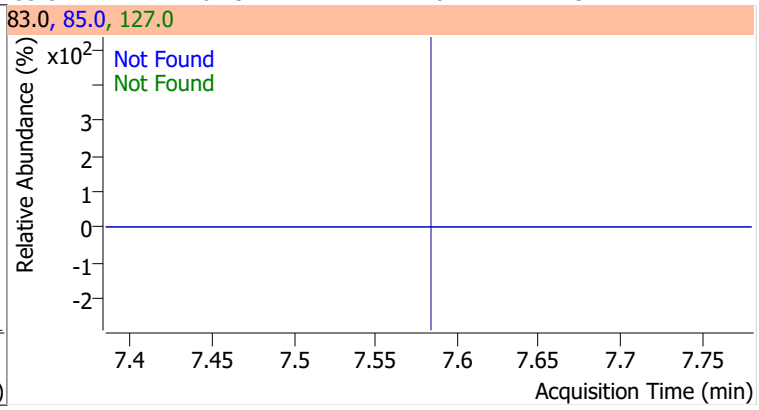
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	106.6	95.0	85.6



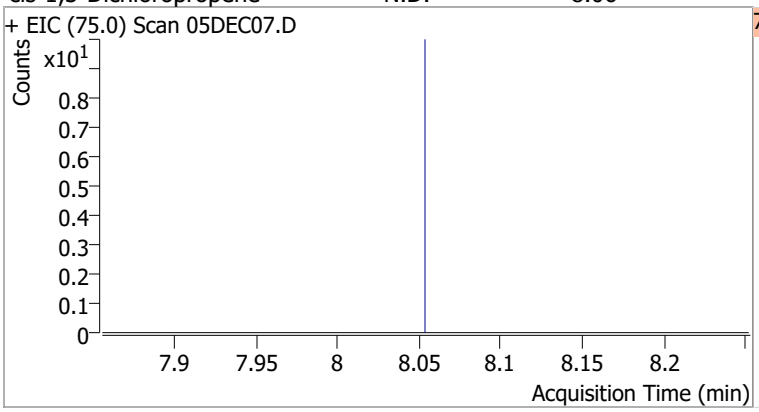


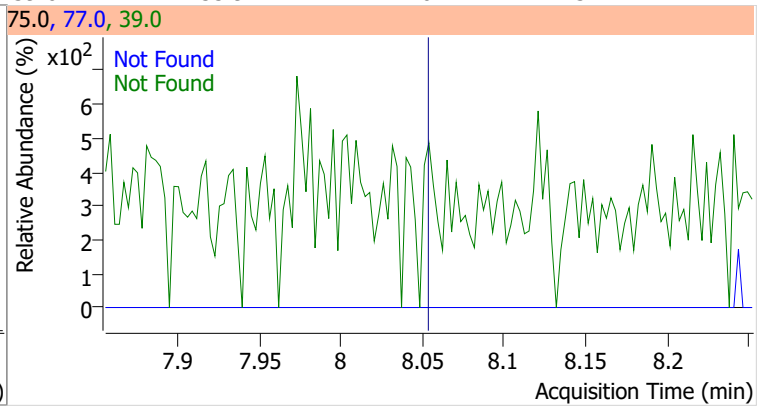
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.3	127.0	9.2



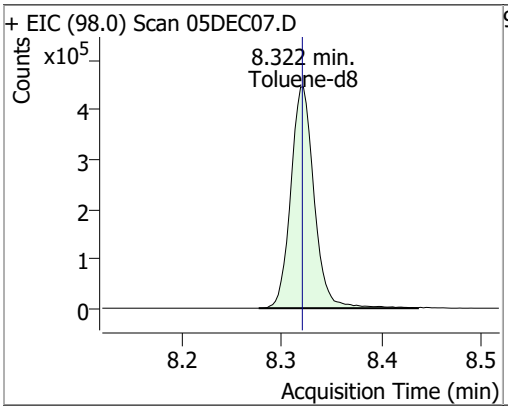


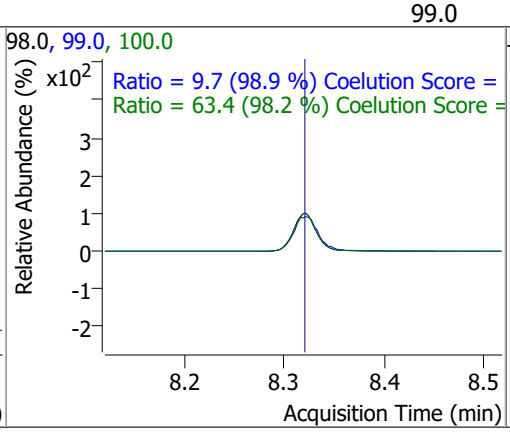
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.9	77.0	31.2

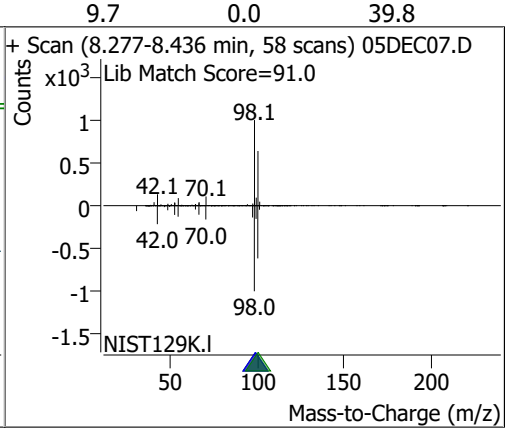




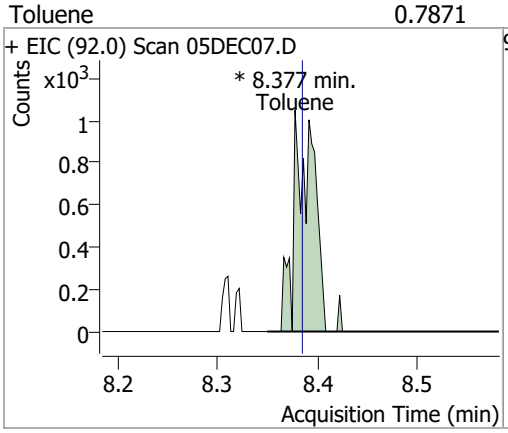
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	260.0596	8.32	0.00	725407	100.0	63.4	34.6	94.6
					99.0	9.7	0.0	39.8

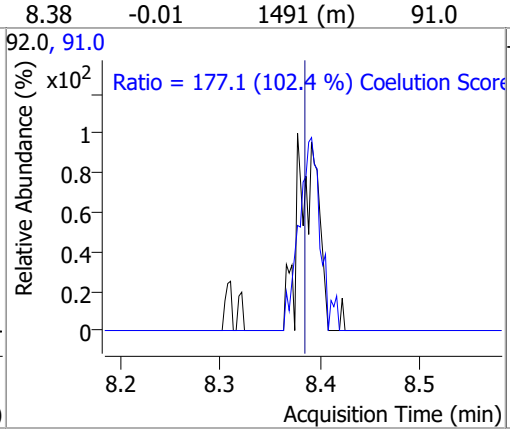


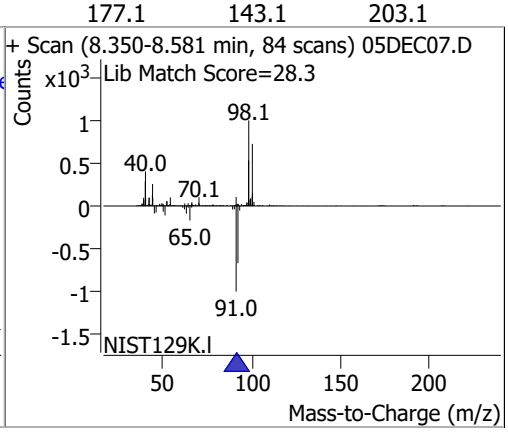




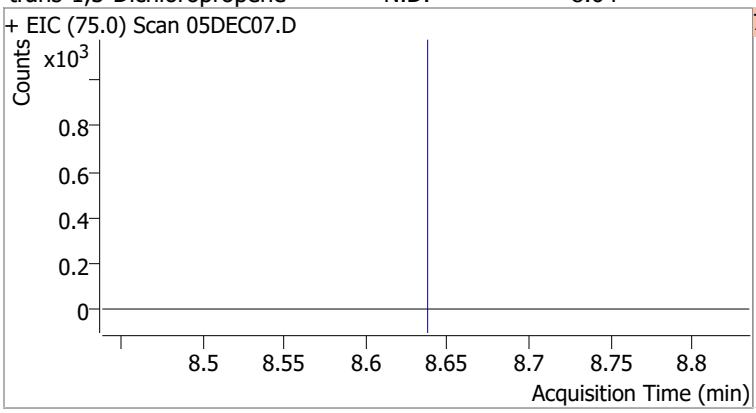
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.7871	8.38	-0.01	1491 (m)	91.0	177.1	143.1	203.1

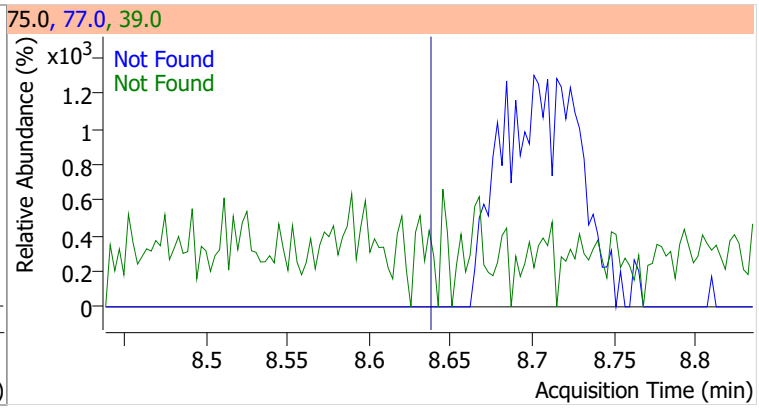




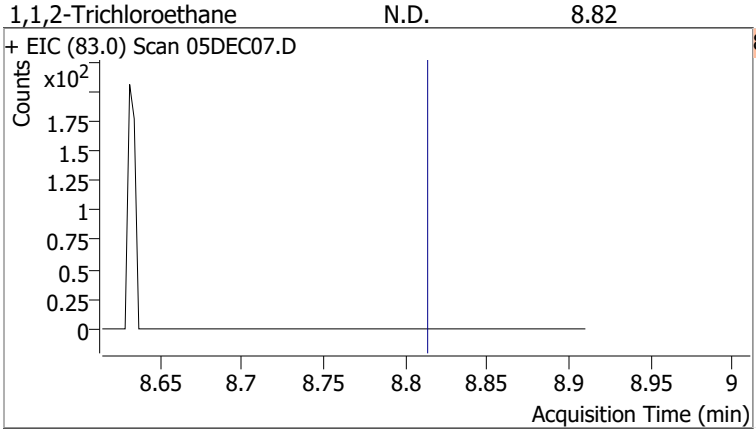


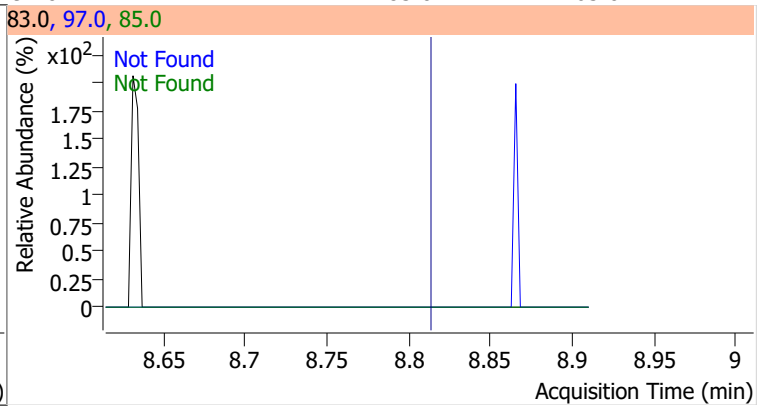
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	57.0	77.0	36.5



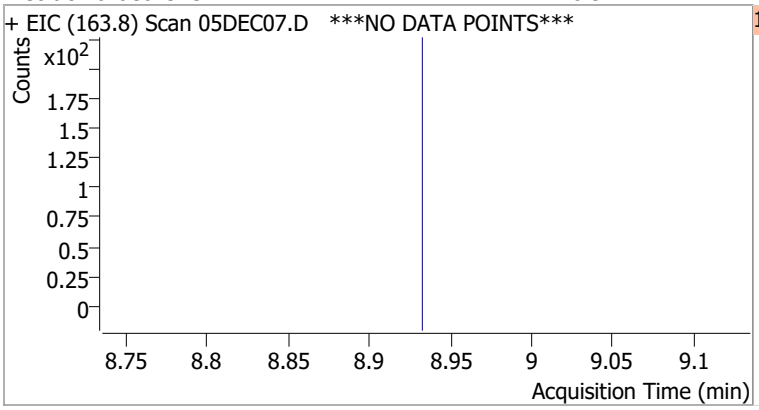


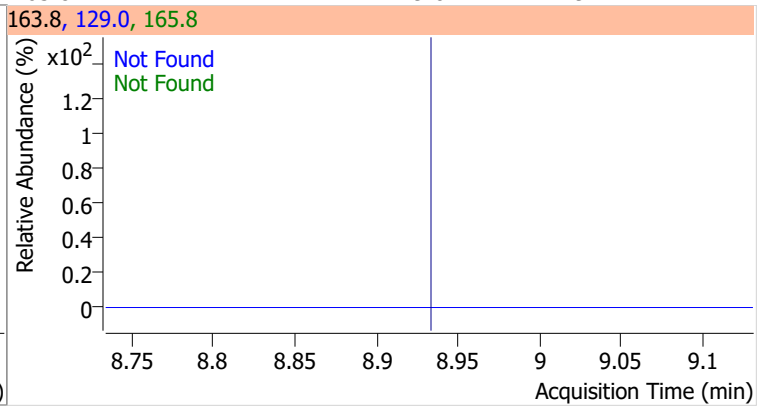
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	112.7	85.0	65.0



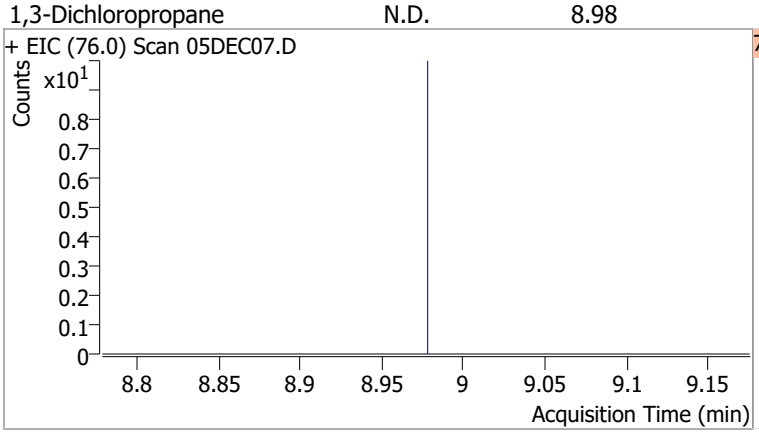


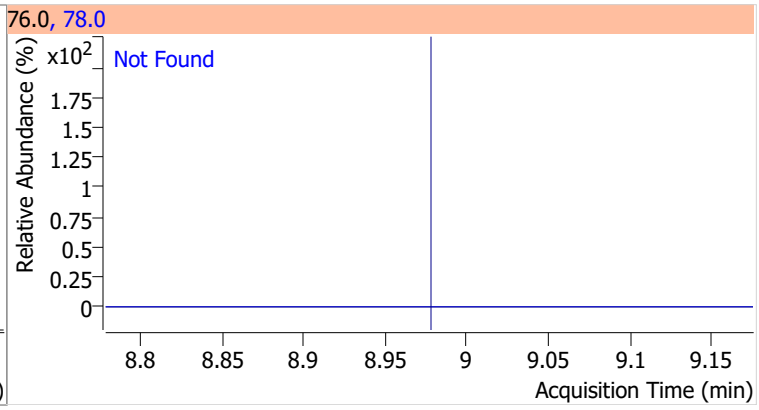
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.7	129.0	92.7



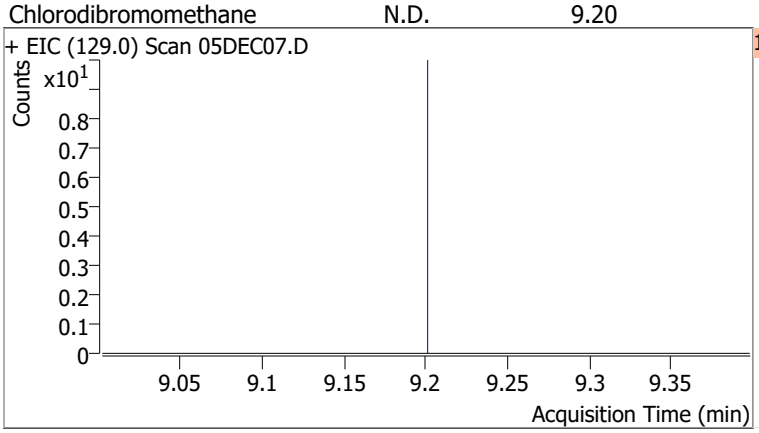


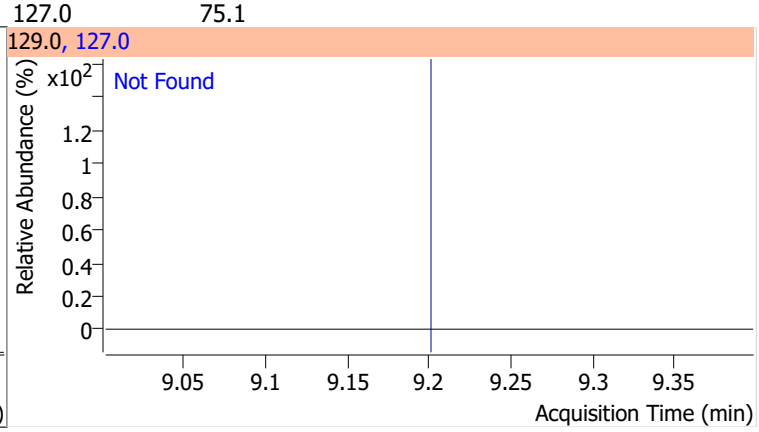
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.1



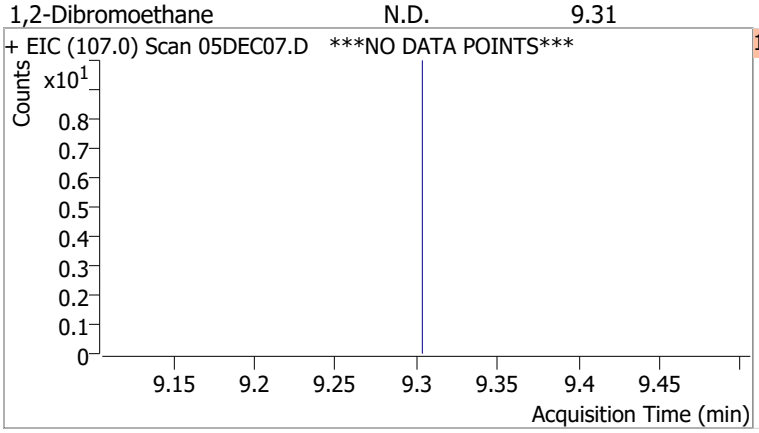


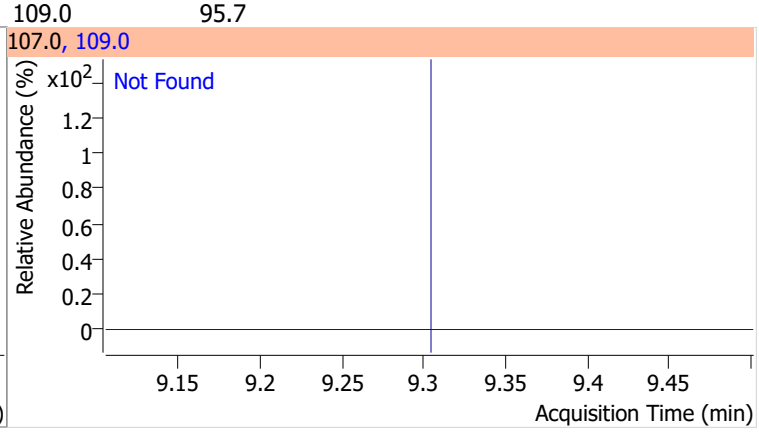
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.20	127.0	75.1



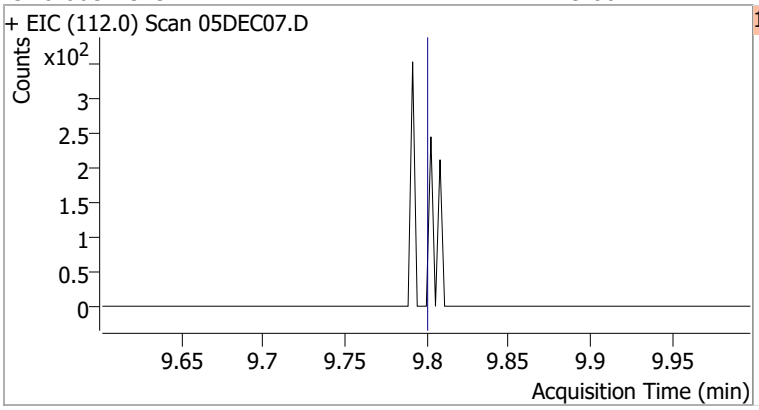


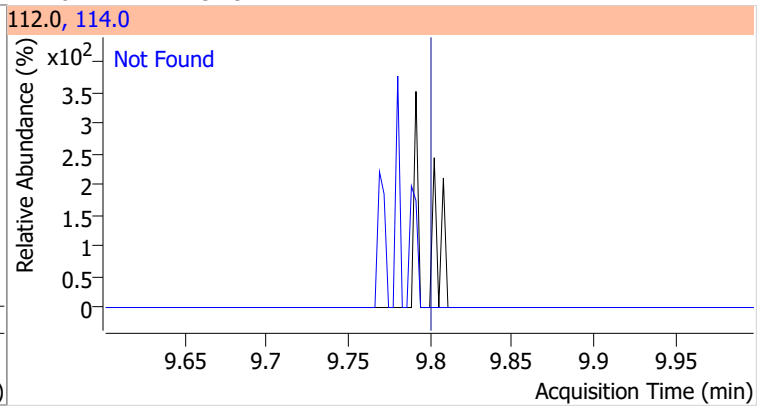
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.7



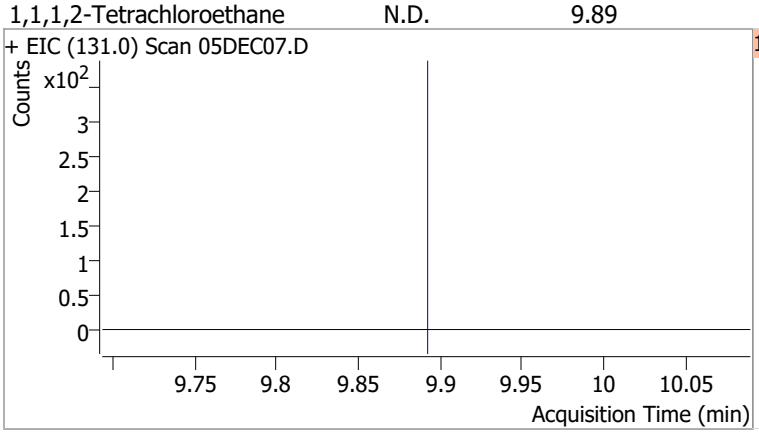


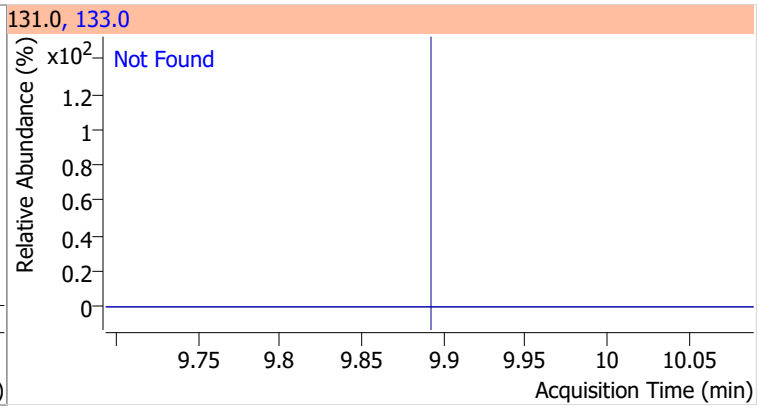
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.9



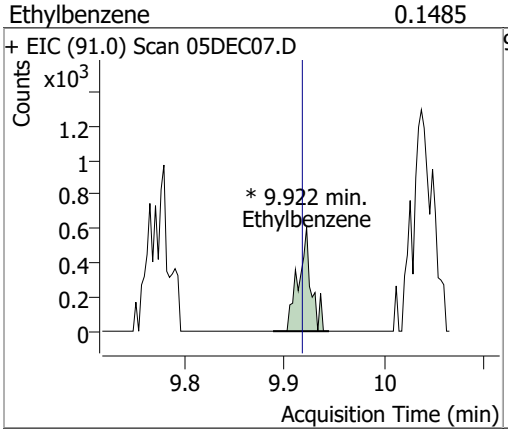


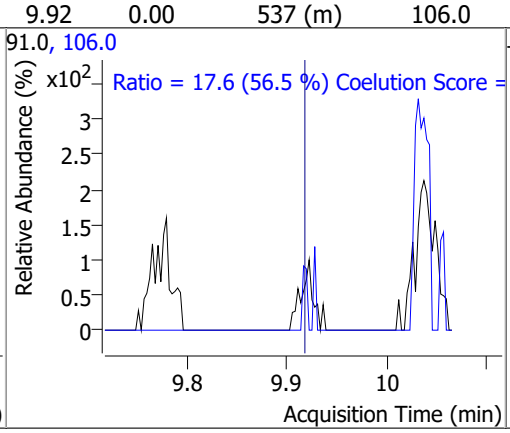
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.0

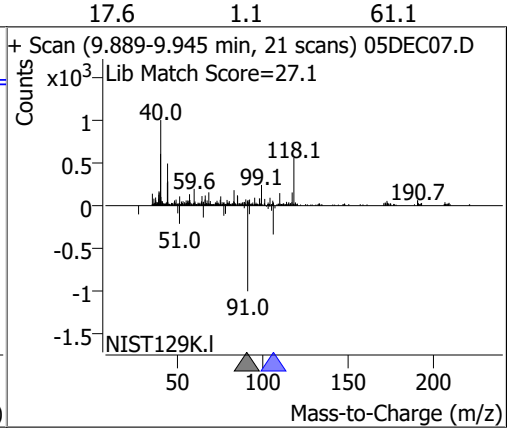




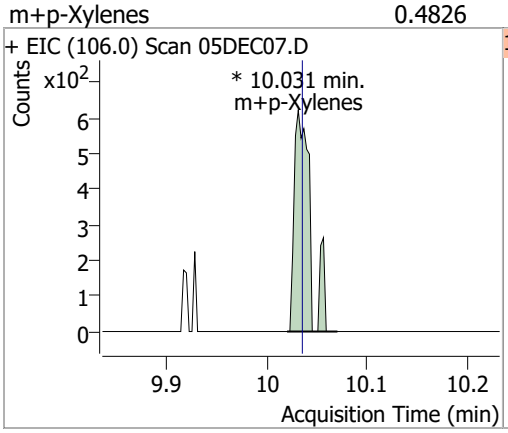
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	0.1485	9.92	0.00	537 (m)	106.0	17.6	1.1	61.1

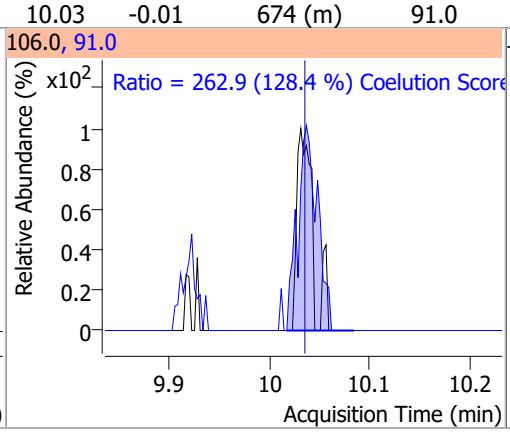


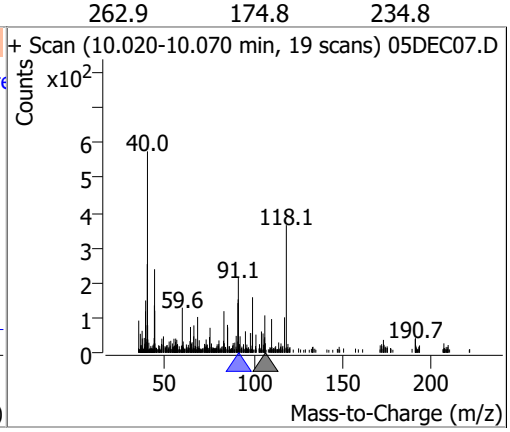




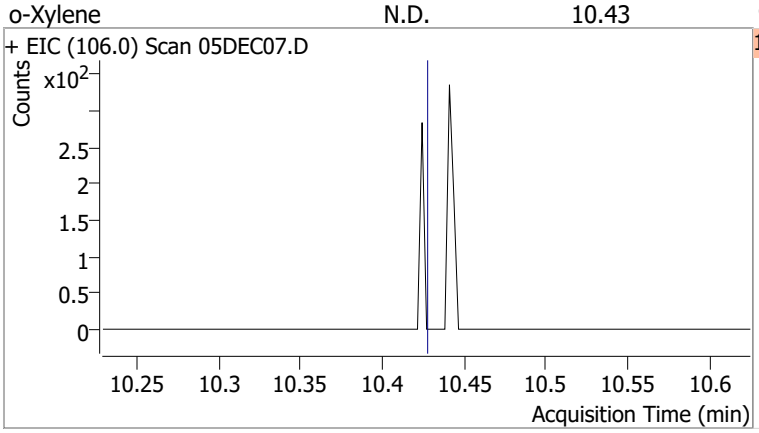
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	0.4826	10.03	-0.01	674 (m)	91.0	262.9	174.8	234.8

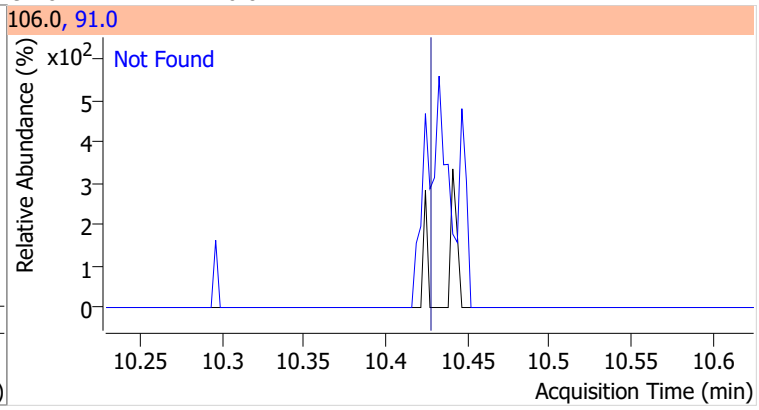




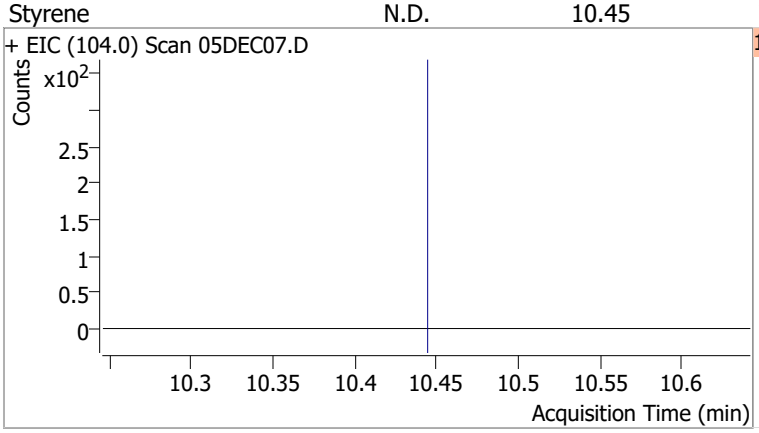


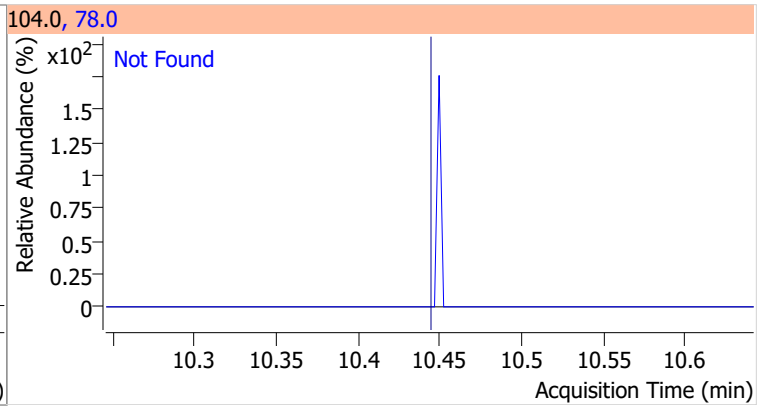
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	216.0



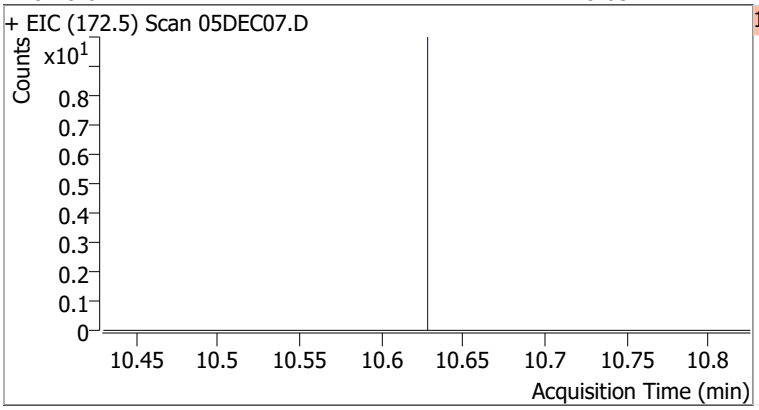


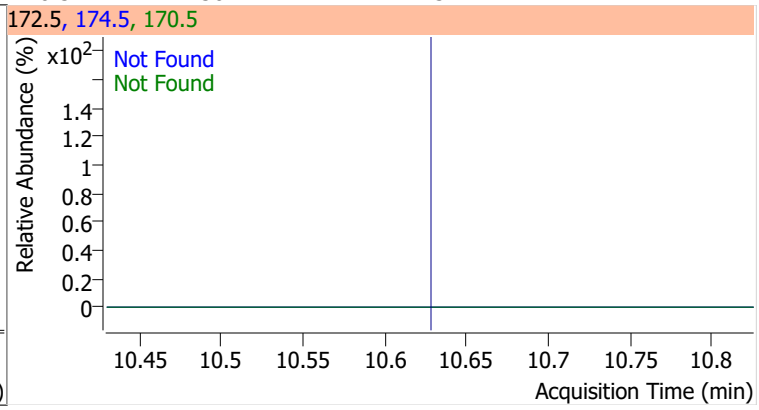
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.3



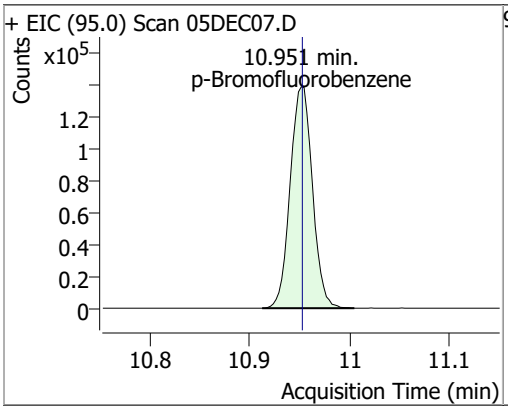


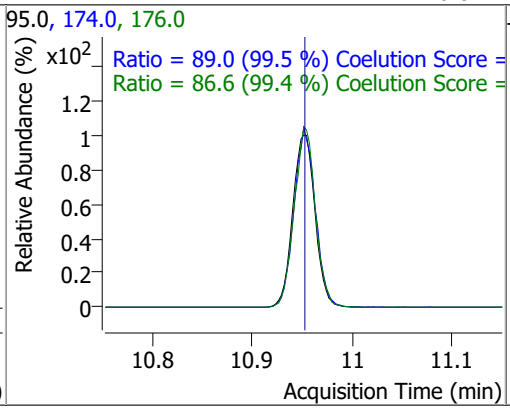
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	50.2	174.5	47.7

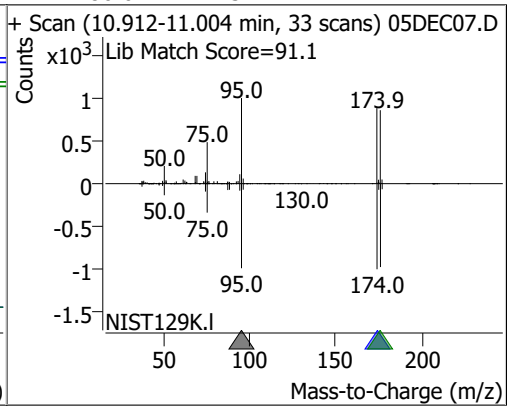




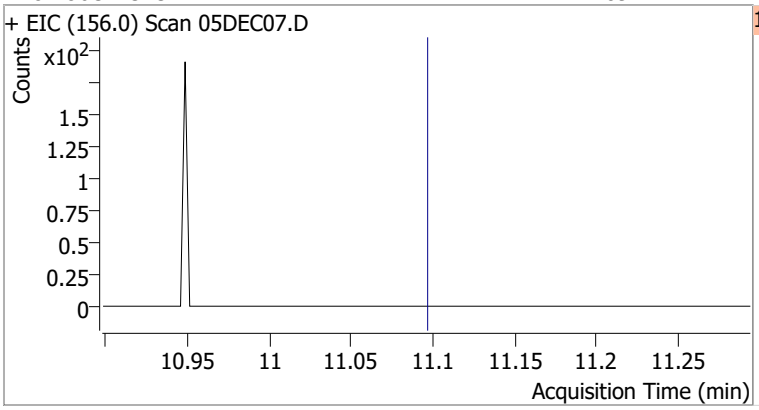
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	269.3073	10.95	0.00	213651	174.0	89.0	59.4	119.4
					176.0	86.6	57.1	117.1

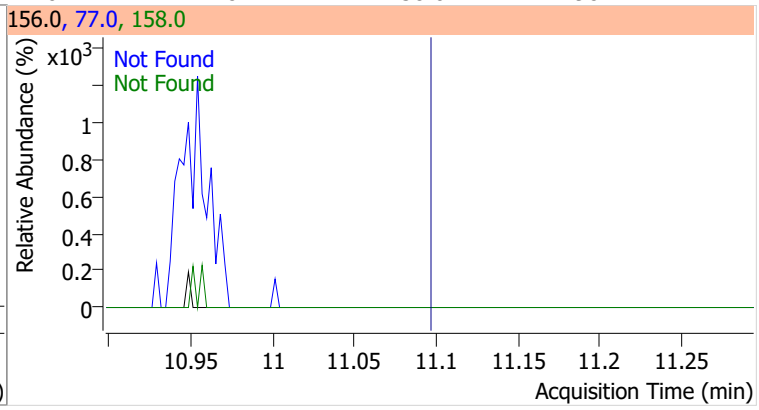




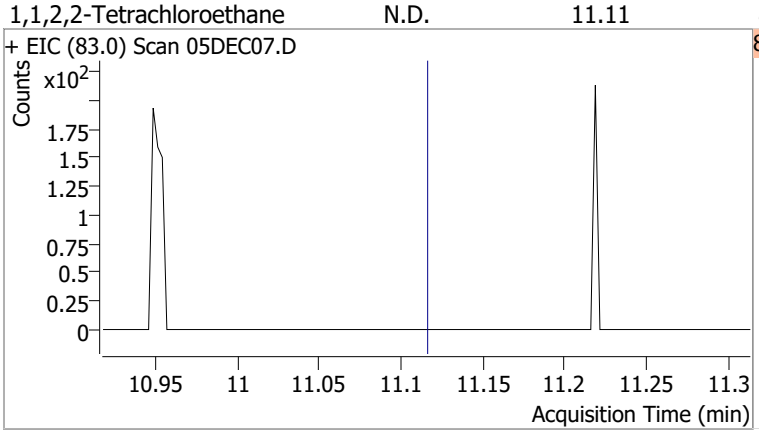


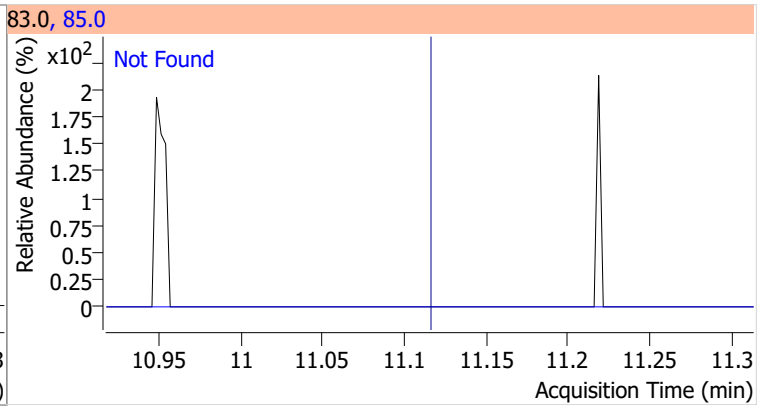
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	148.1	158.0	98.4



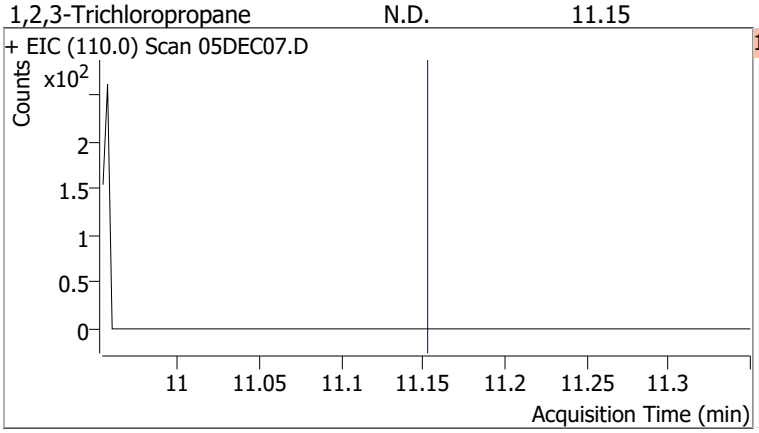


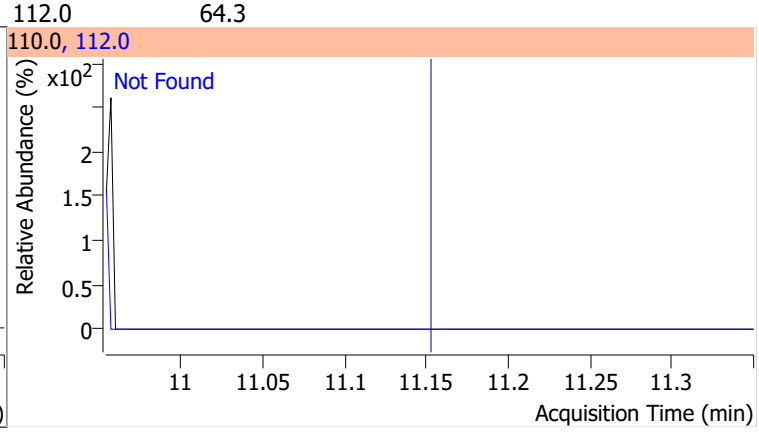
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.1



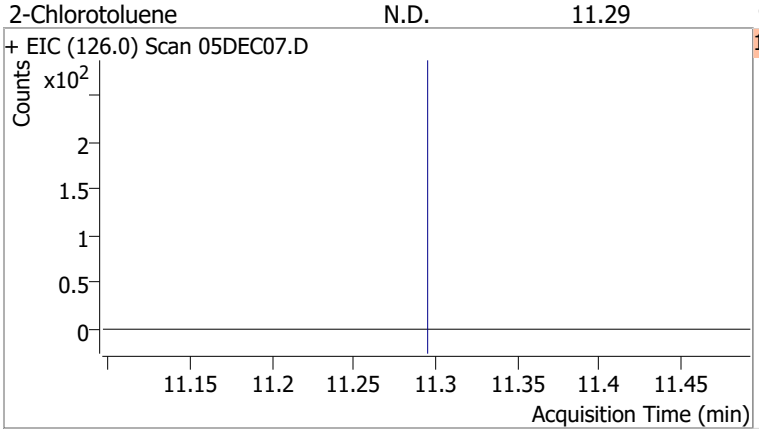


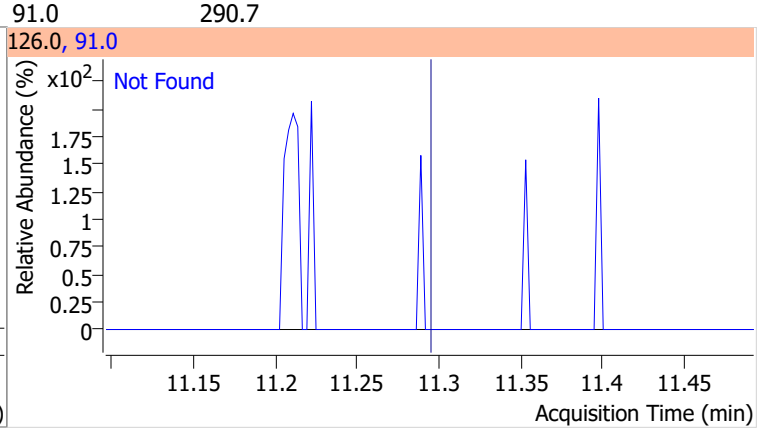
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	64.3



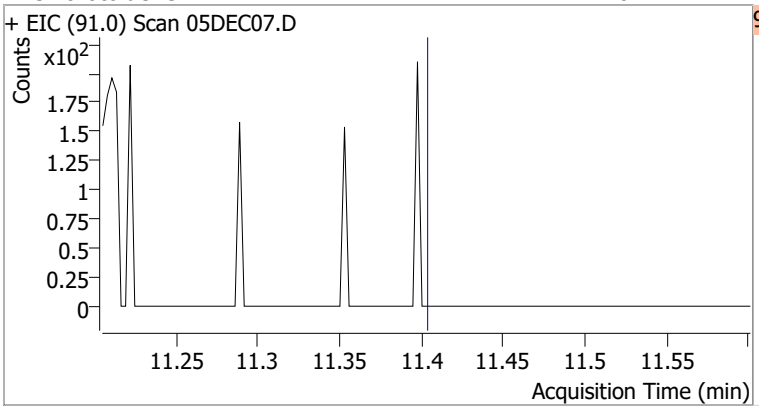


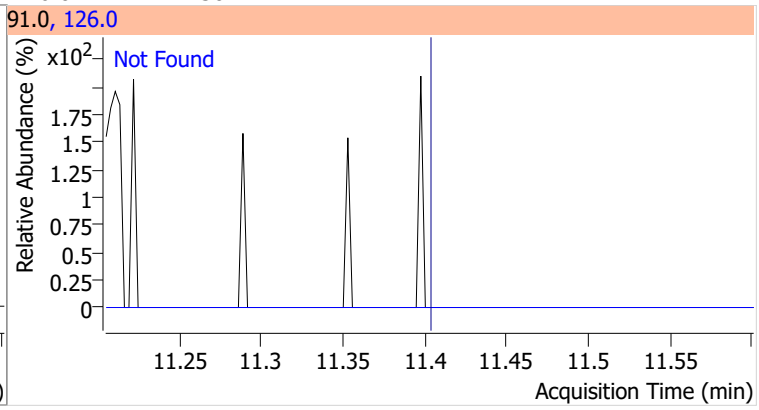
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	290.7



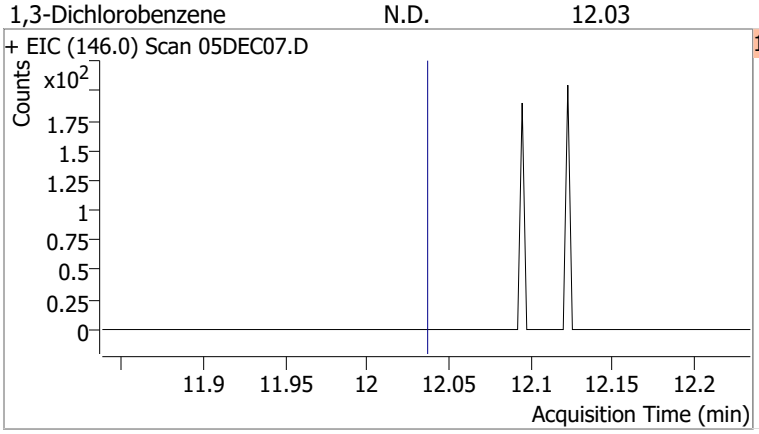


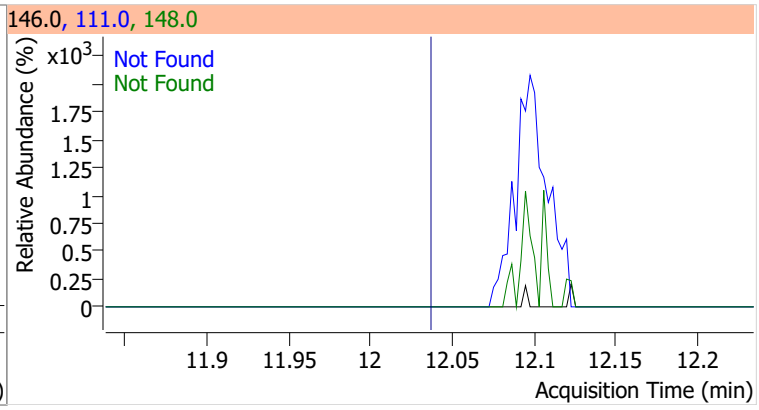
Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	30.1



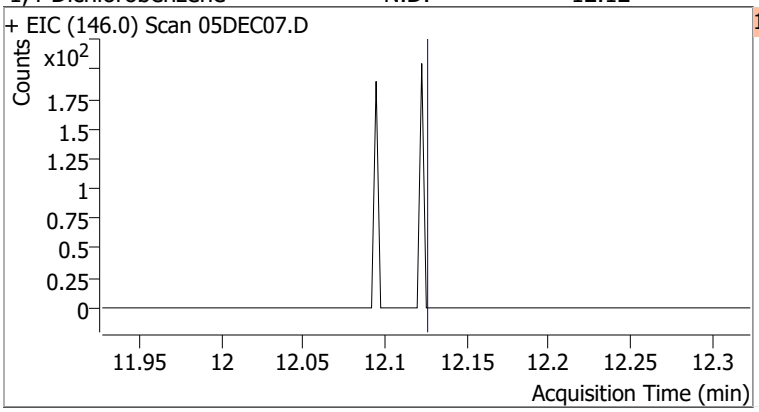


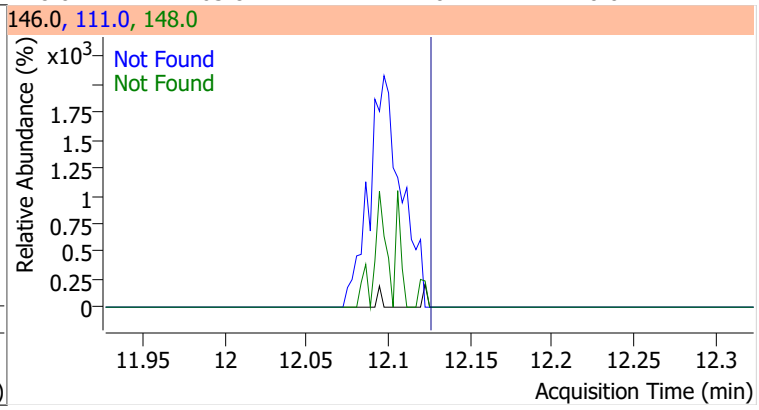
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.9	111.0	41.0



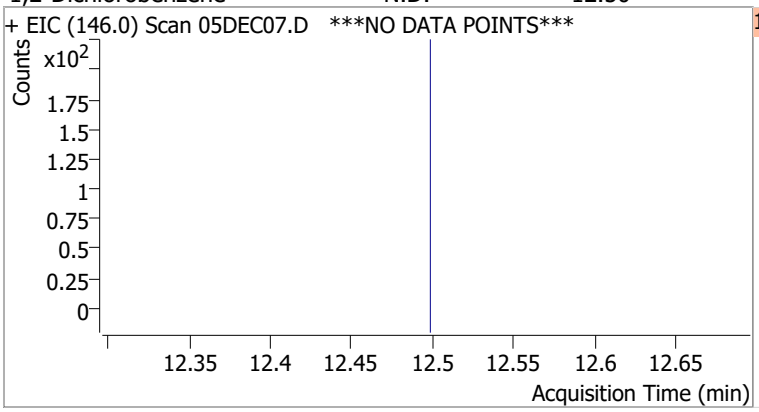


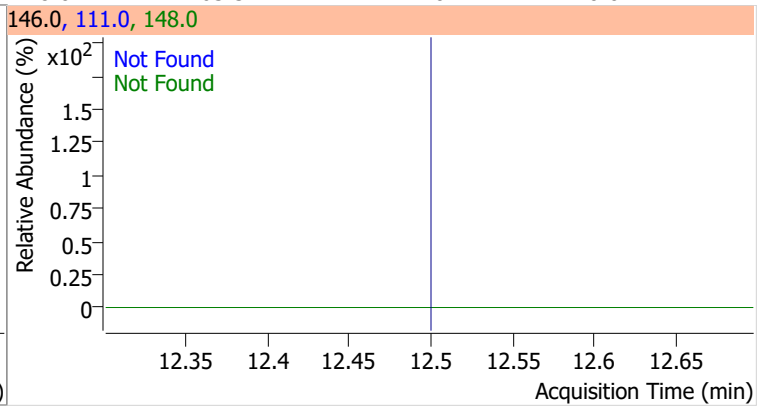
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.8	111.0	40.0





Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.50	148.0	63.5	111.0	40.0

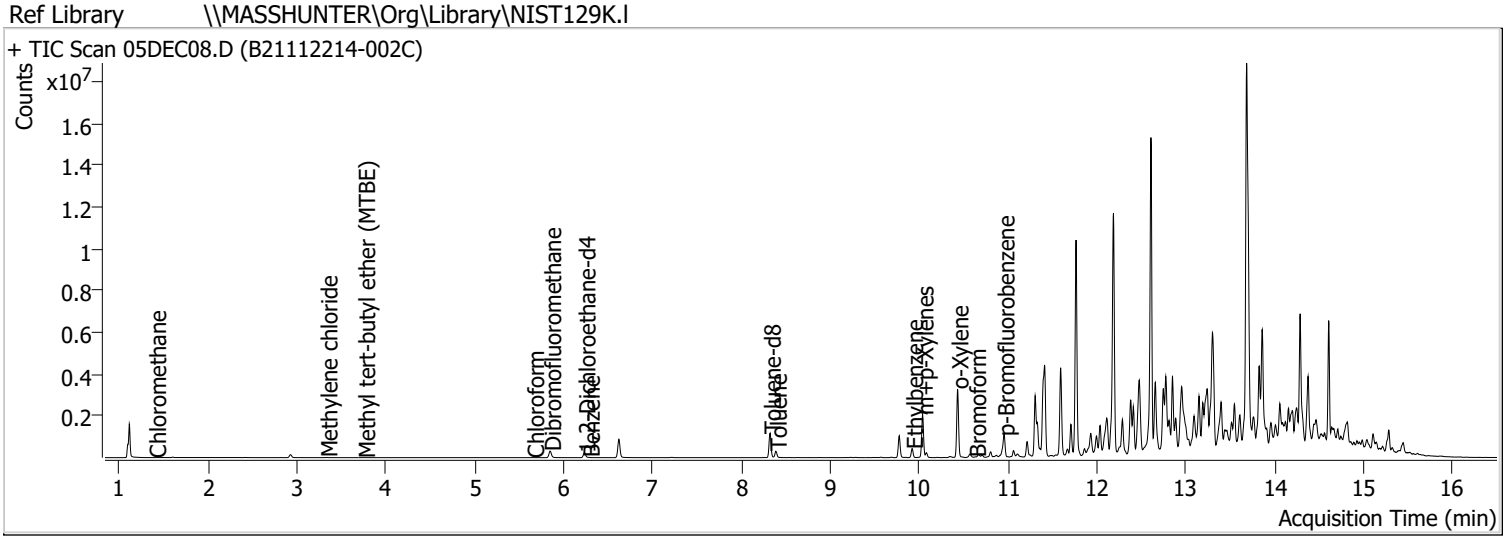




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	05DEC08.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 2:19:20 PM
Sample Name	B21112214-002C	Instrument	VOA5975C
Vial	8	Multiplier	2.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	2x
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

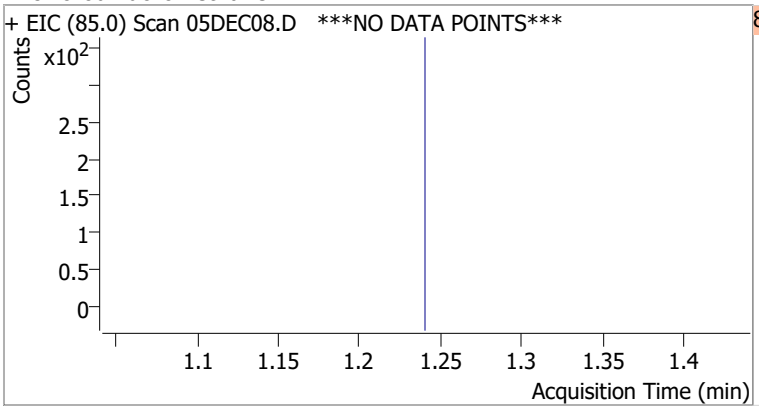


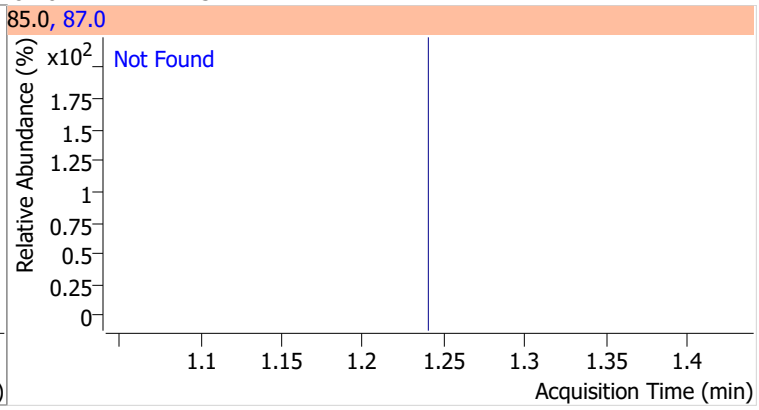
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M Fluorobenzene	6.620	96.0	726636	250.0000	ng		0.000
M Chlorobenzene-d5	9.774	82.0	279845	250.0000	ng		0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	231916	250.0000	ng		0.003
System Monitoring Compounds							
S Dibromofluoromethane	5.845	113.0	185012	267.3462	ng		0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.94%			
S 1,2-Dichloroethane-d4	6.233	67.0	83120	261.0570	ng		0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 104.42%			
S Toluene-d8	8.319	98.0	714826	258.5886	ng		-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.44%			
S p-Bromofluorobenzene	10.948	95.0	238385	267.8015	ng		0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.12%			
Target Compounds							**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	1.406	50.0	515	0.8935	ng	m	65
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
T Methylene chloride	3.330	49.0	4270	8.0235	ng		95
T trans-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl tert-butyl ether (MTBE)	3.754	73.0	2087	4.3080	ng	m	88
T 1,1-Dichloroethane	0.000		0	N.D.			
T 2,2-Dichloropropane	0.000		0	N.D.			
T cis-1,2-Dichloroethene	0.000		0	N.D.			
T Methyl ethyl ketone	0.000		0	N.D.			
T Bromochloromethane	0.000		0	N.D.			
T Chloroform	5.655	83.0	1685	2.4095	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	6.283	78.0	5695	3.8110	ng		96
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	110081	117.2880	ng		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	9.919	91.0	269446	150.5048	ng		99
T m+p-Xylenes	10.036	106.0	507022	732.4190	ng		98
T o-Xylene	10.430	106.0	759160	1233.7981	ng		100
T Styrene	10.432	104.0	0		ng	md	1
T Bromoform	10.628	172.5	626	4.3150	ng	m	70
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	11.102	83.0	0		ng	md	1
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	11.389	91.0	0		ng	md	1
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

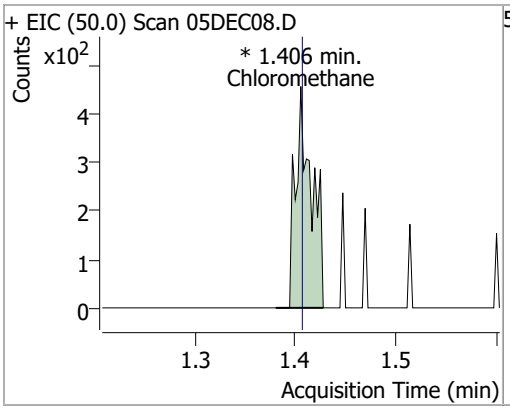
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

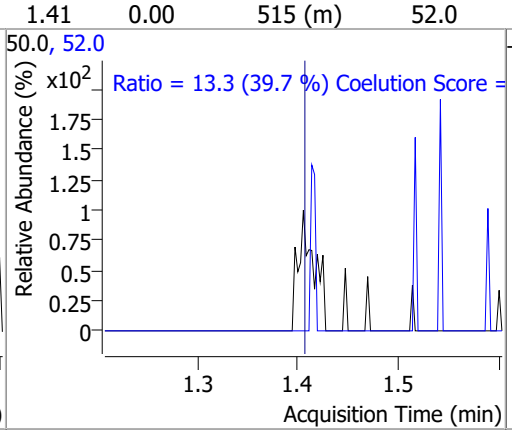
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.1

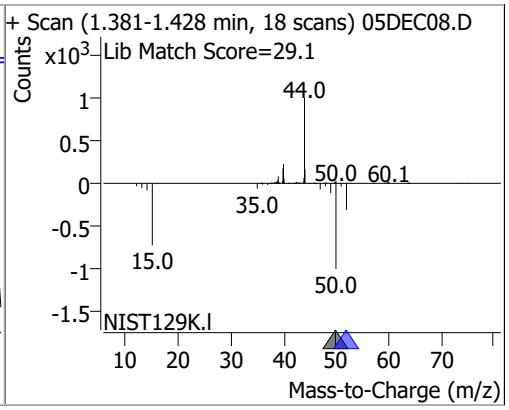




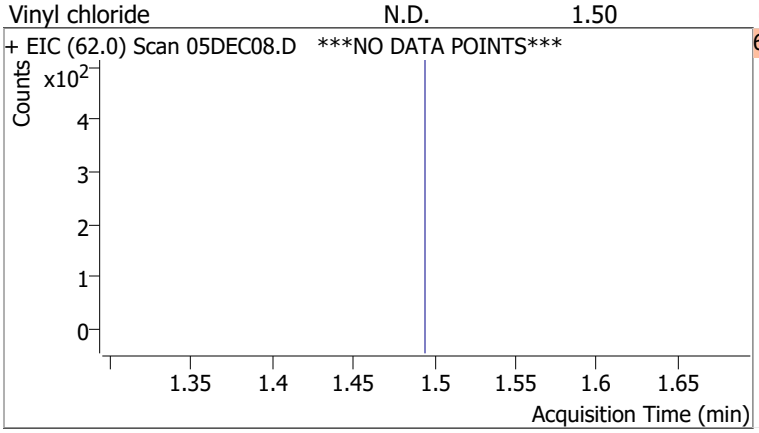
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.8935	1.41	0.00	515 (m)	52.0	13.3	3.4	63.4

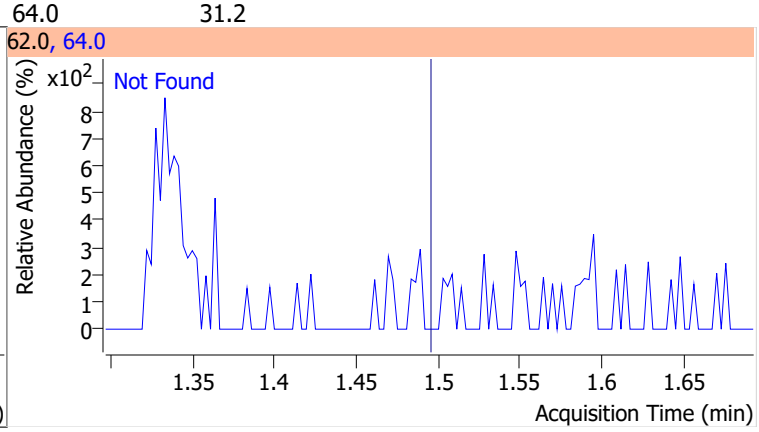




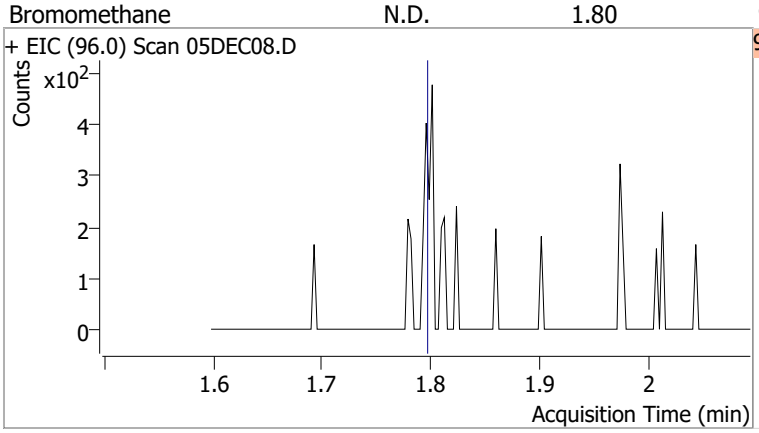


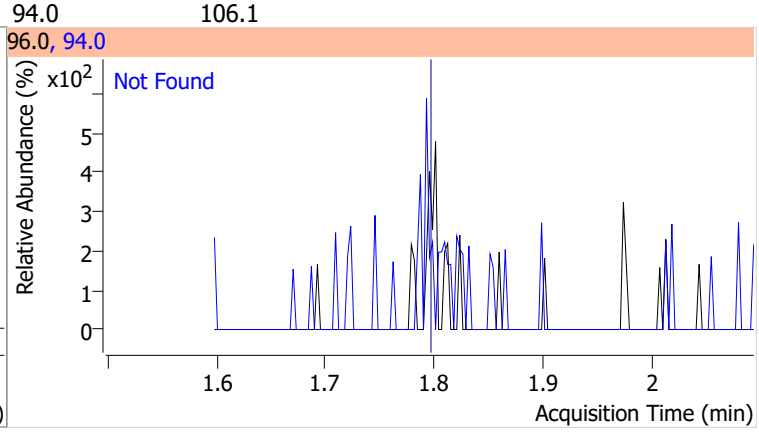
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.2



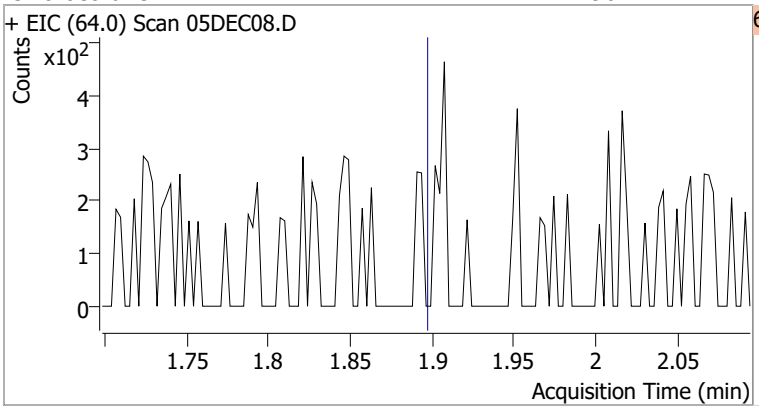


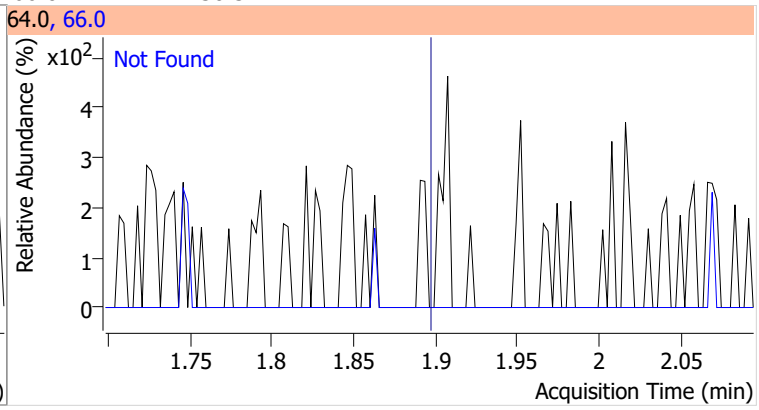
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	106.1



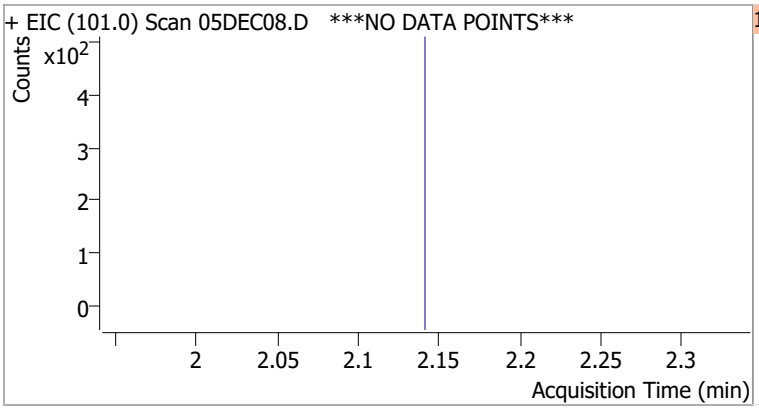


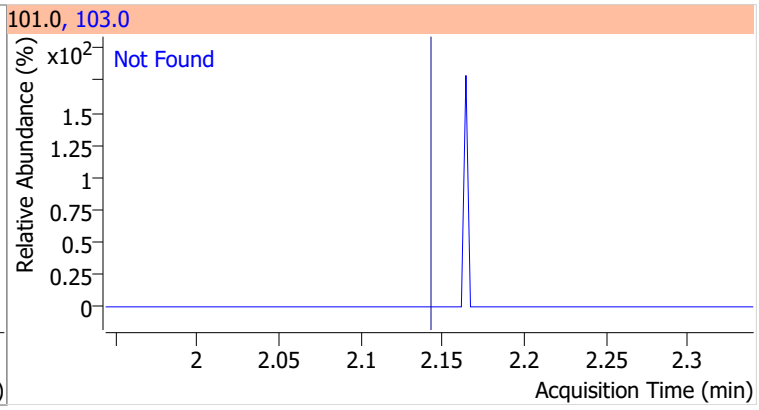
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.5



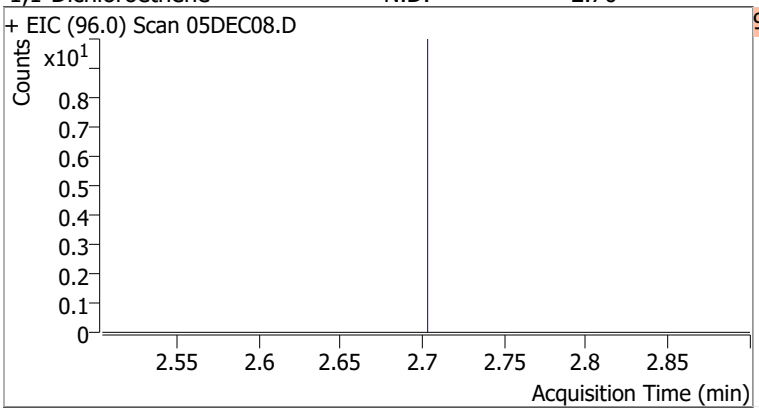


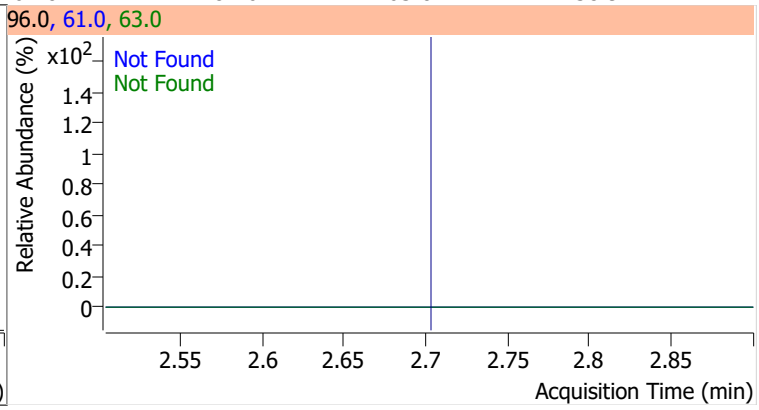
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	63.3



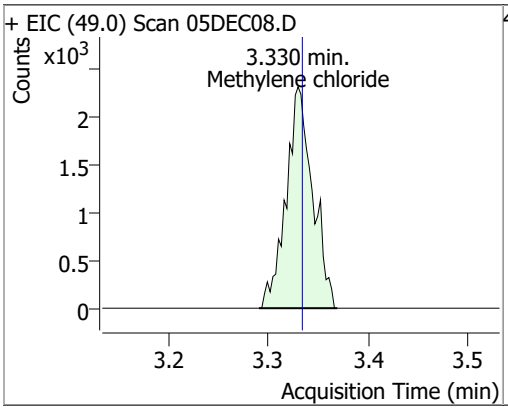


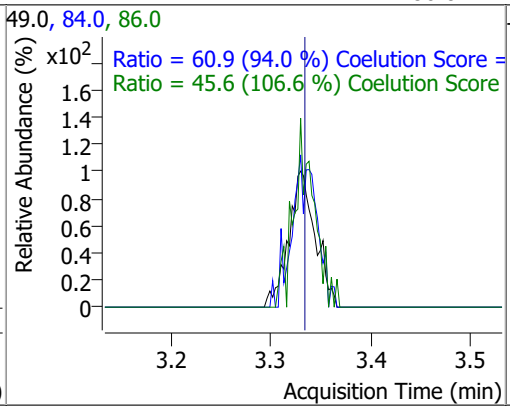
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	182.6	63.0	58.9

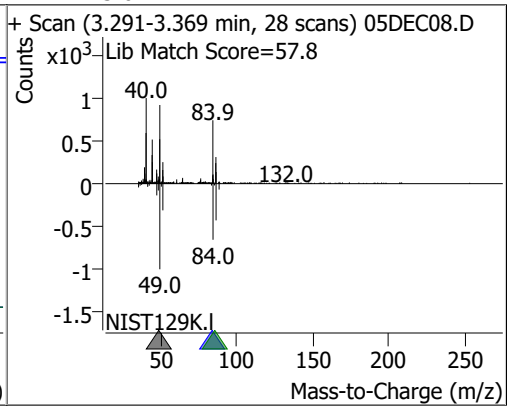




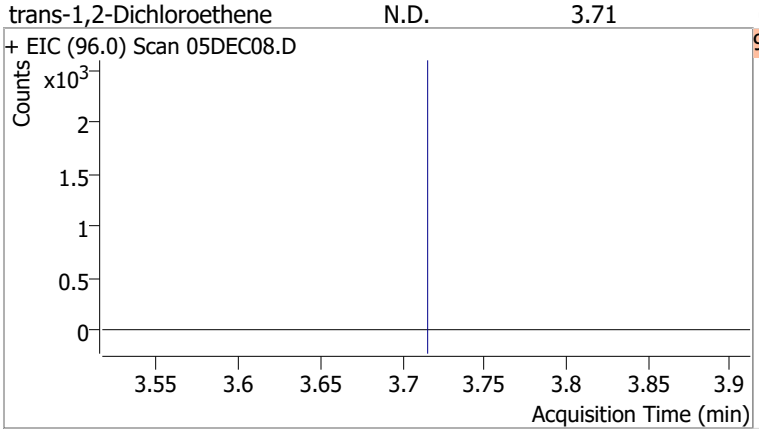
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	8.0235	3.33	0.00	4270	84.0	60.9	34.8	94.8
					86.0	45.6	12.7	72.7

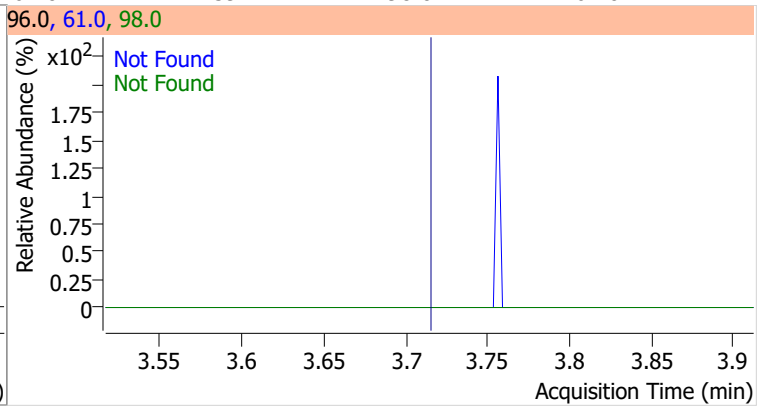




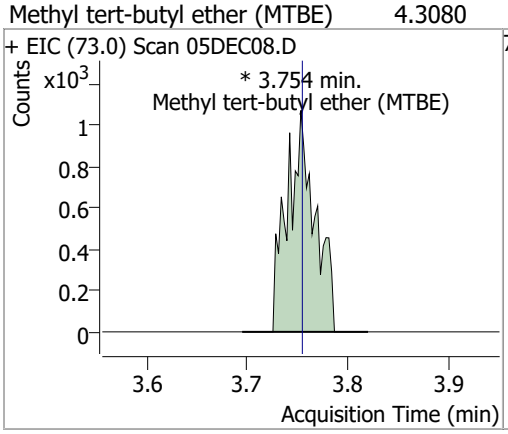


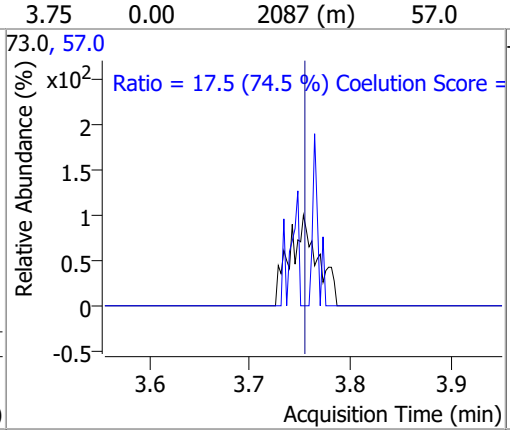
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.71	61.0	159.4	98.0	64.0

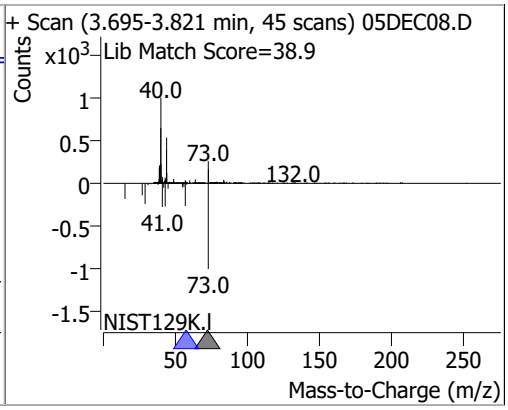




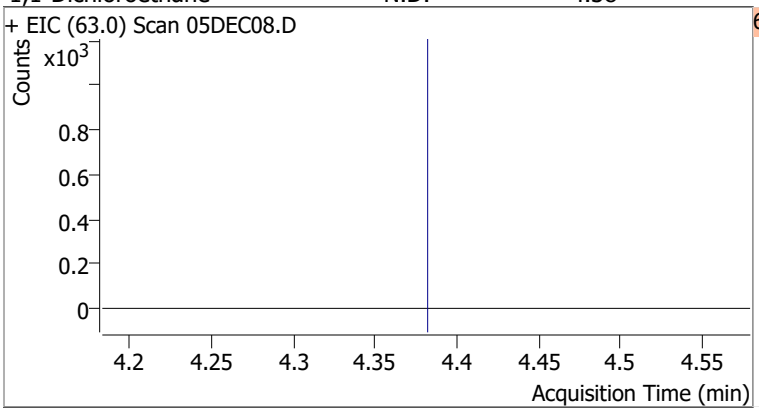
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	4.3080	3.75	0.00	2087 (m)	57.0	17.5	0.0	53.5

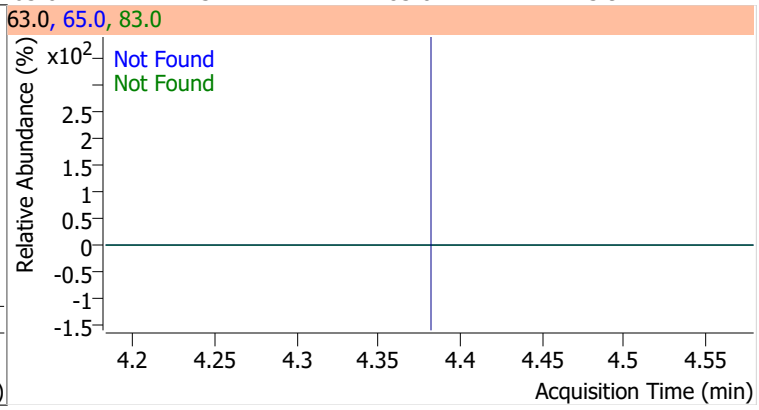




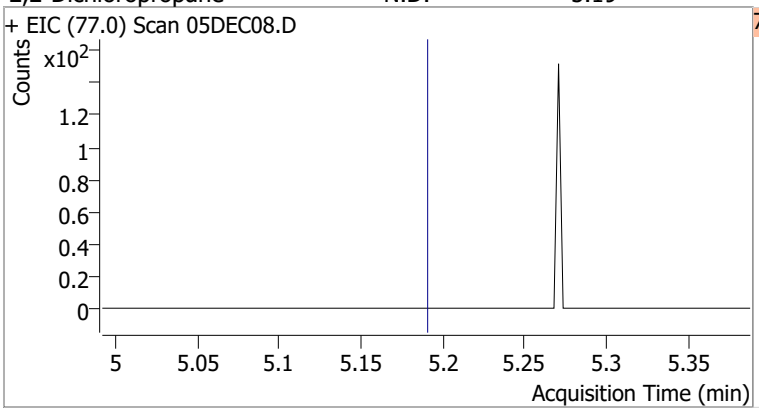


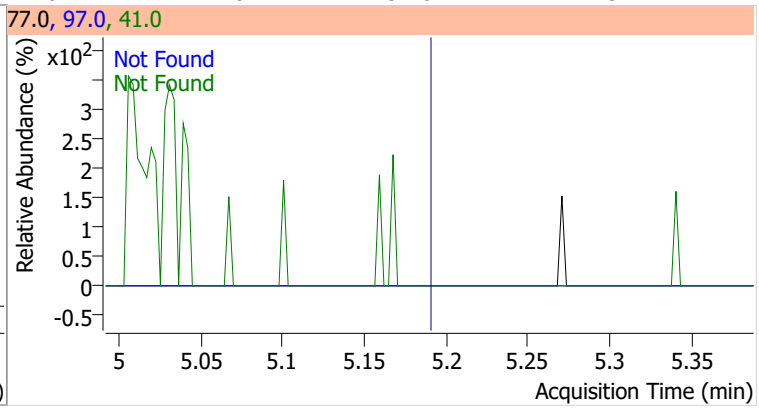
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.7	83.0	13.9



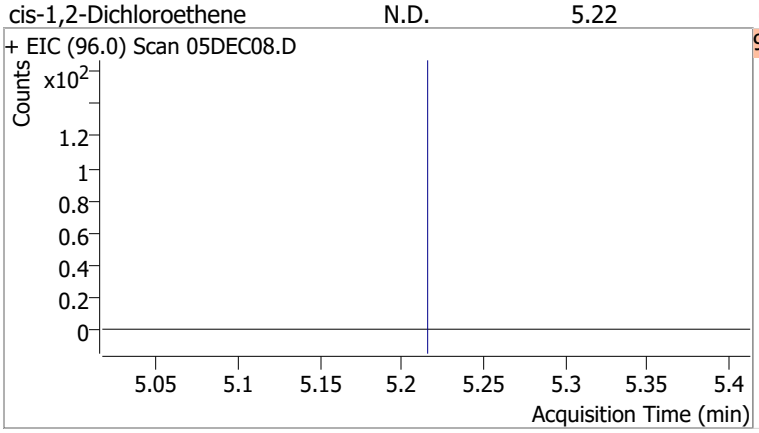


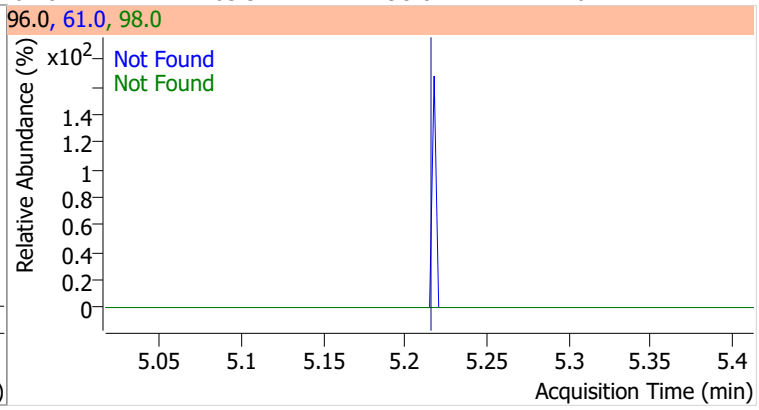
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	71.0	97.0	21.9



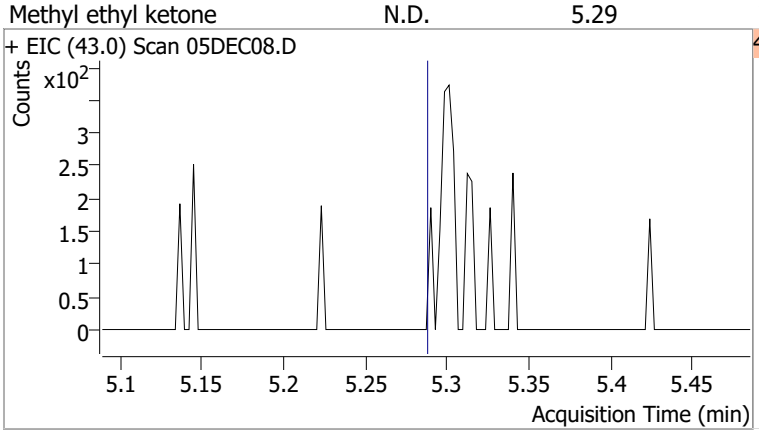


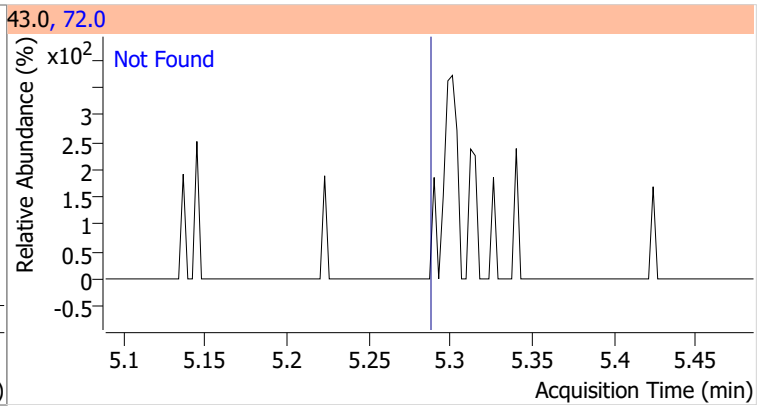
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	165.9	98.0	64.4



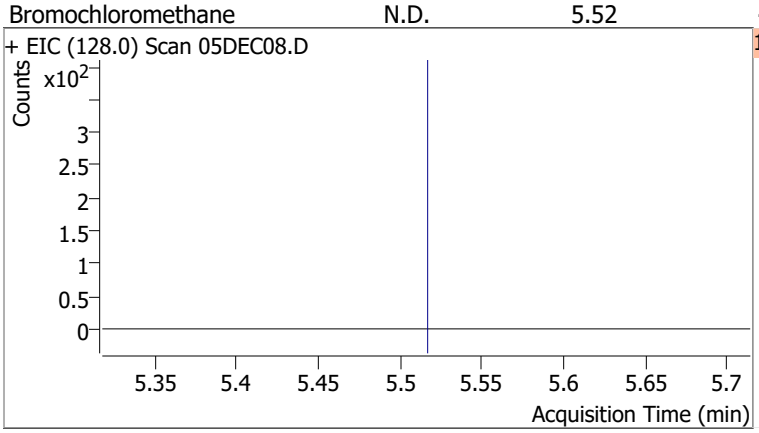


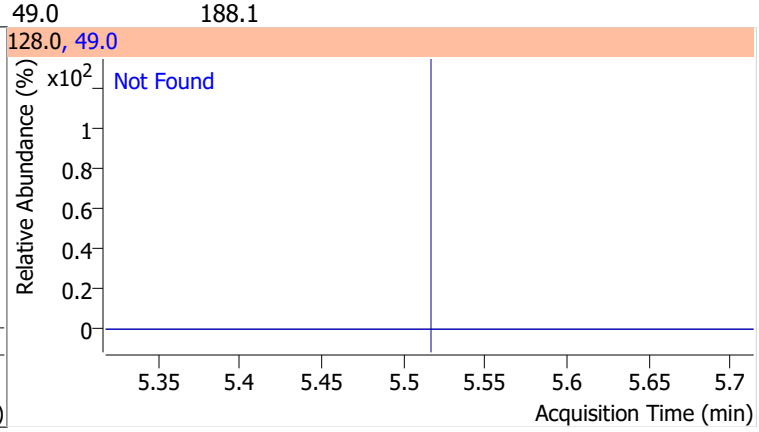
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.29	72.0	19.8



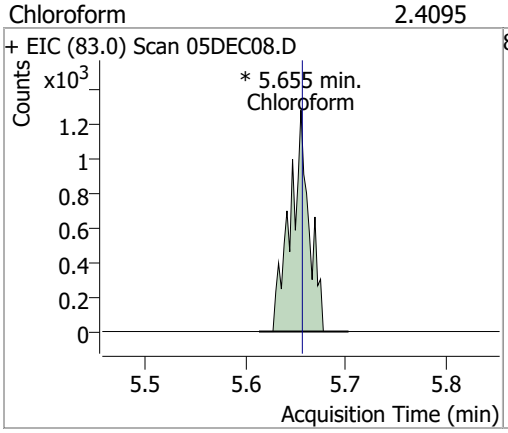


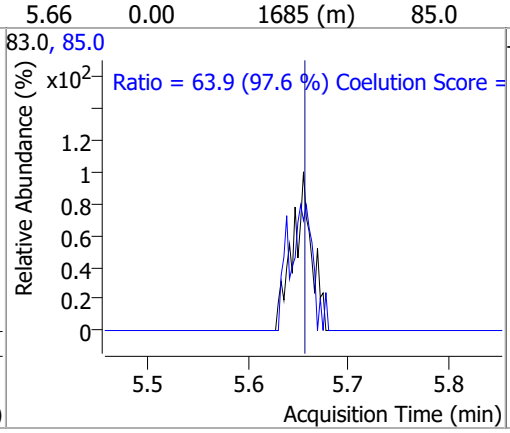
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	188.1

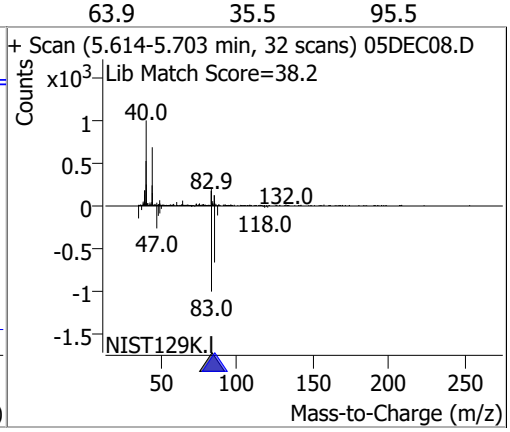




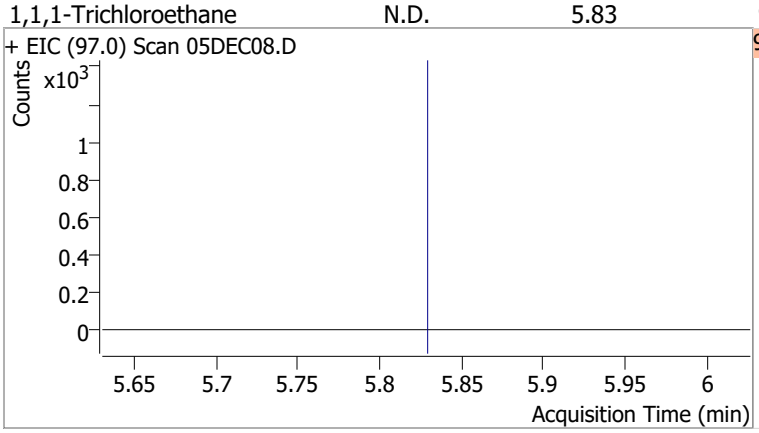
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	2.4095	5.66	0.00	1685 (m)	85.0	63.9	35.5	95.5

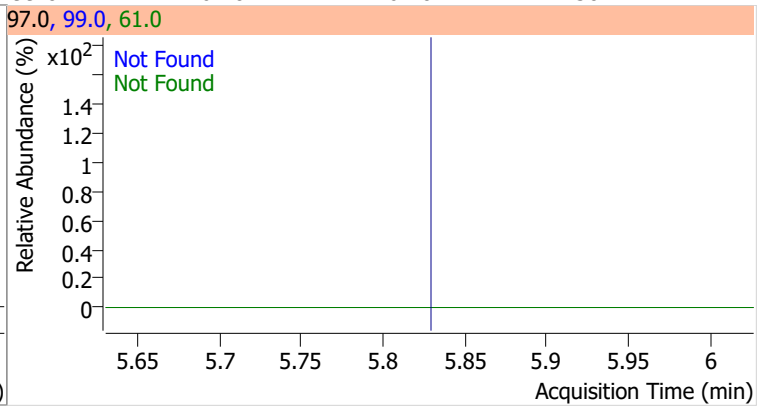




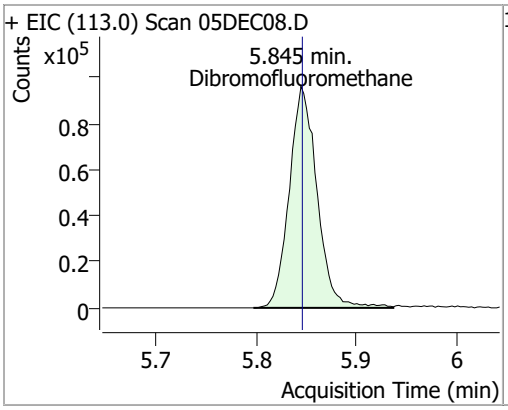


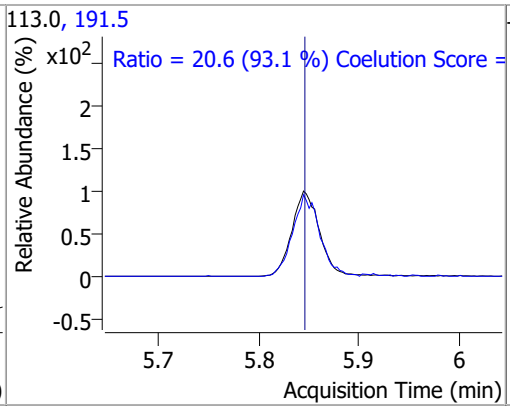
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.0	61.0	50.4

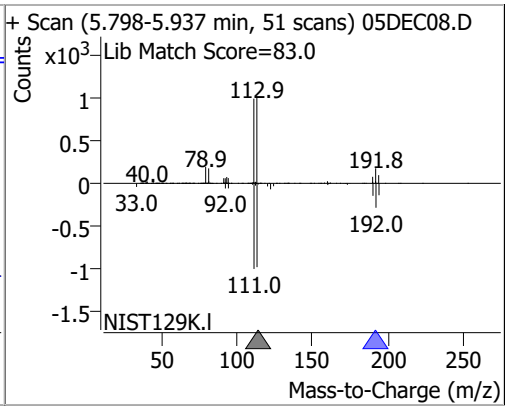




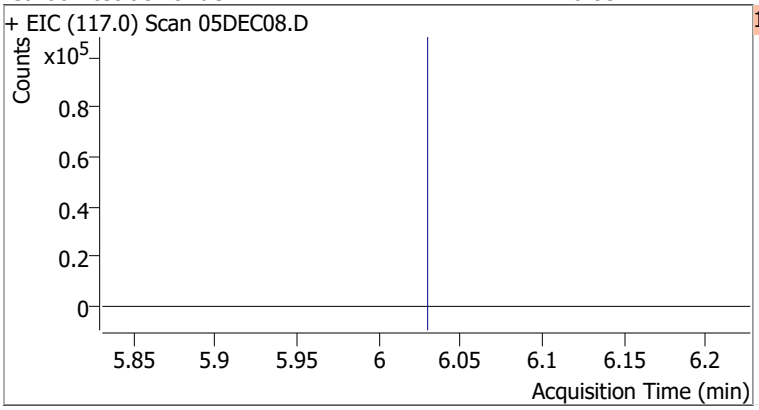
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	267.3462	5.85	0.00	185012	191.5	20.6	0.0	52.1

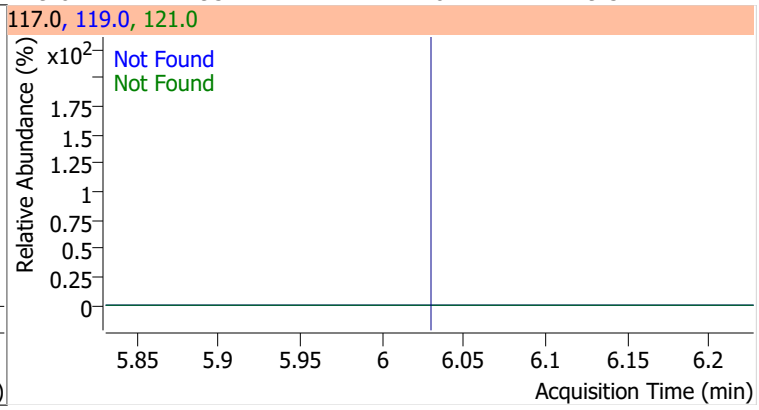




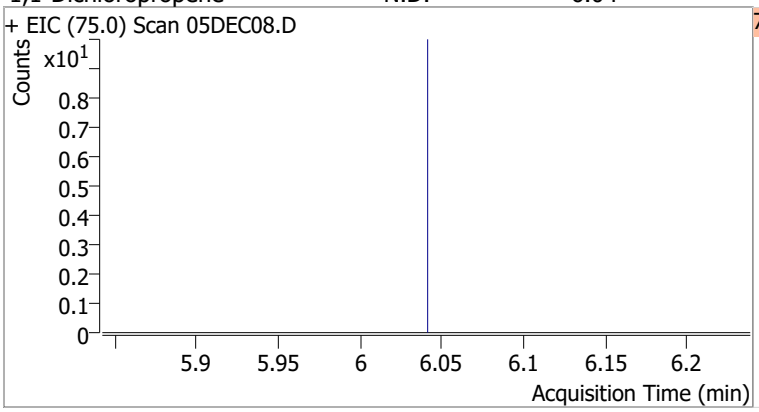


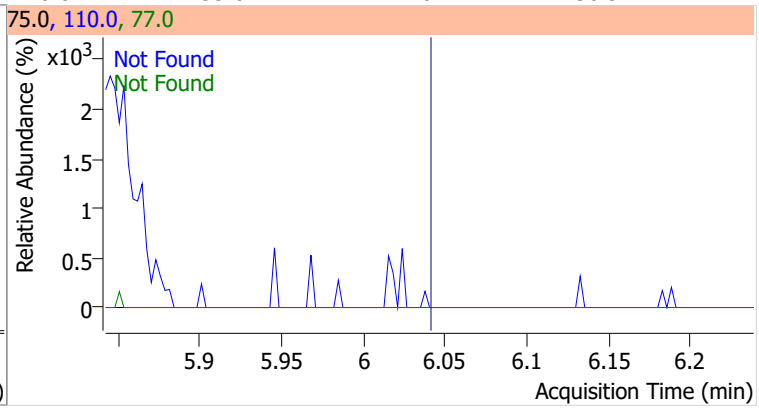
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.4	121.0	29.5



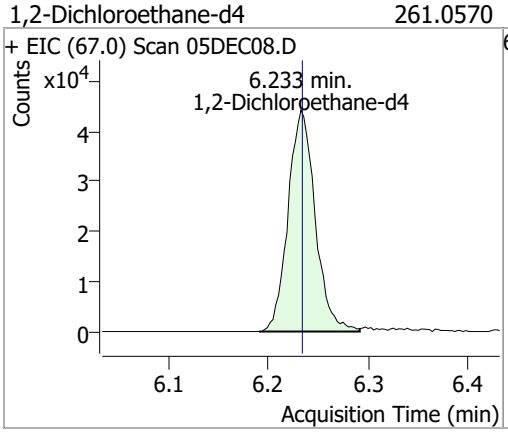


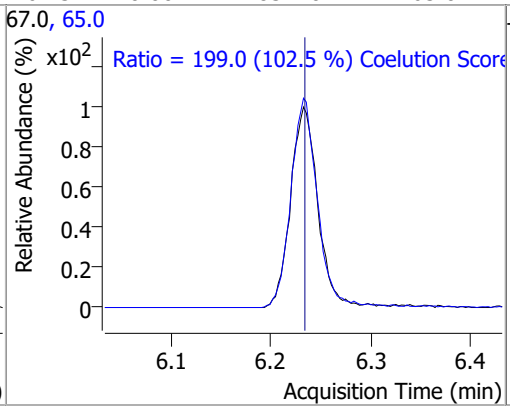
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.0	77.0	30.9

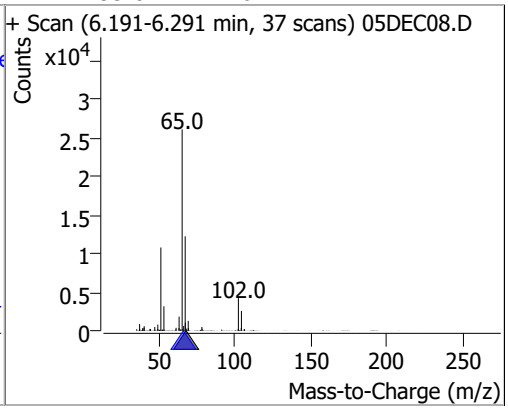




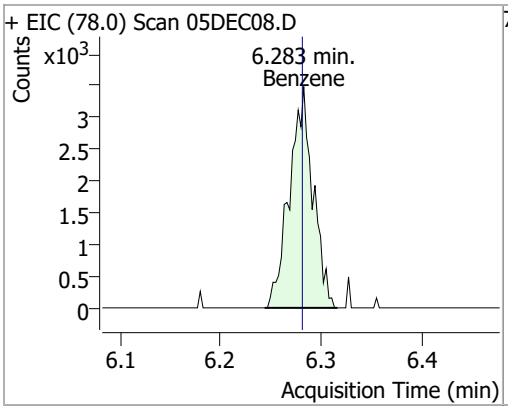
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	261.0570	6.23	0.00	83120	65.0	199.0	164.2	224.2

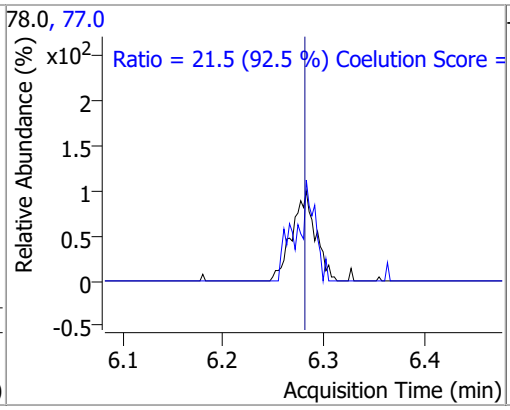


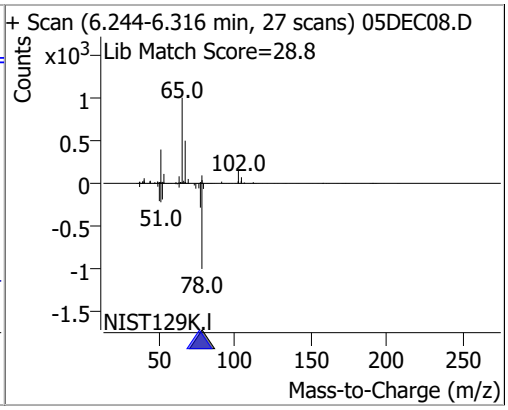




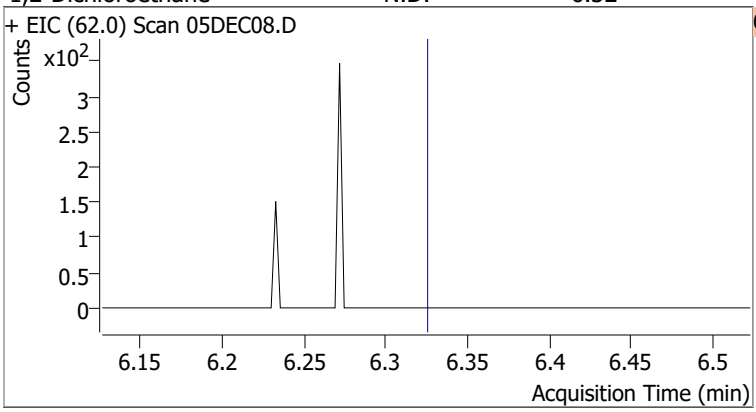
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	3.8110	6.28	0.00	5695	77.0	21.5	0.0	53.3

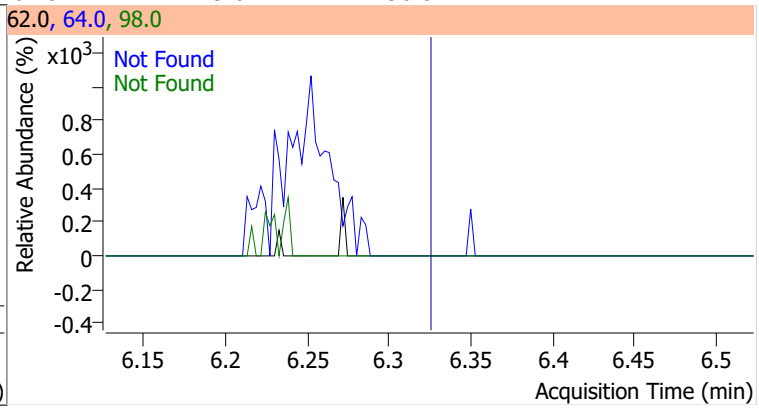




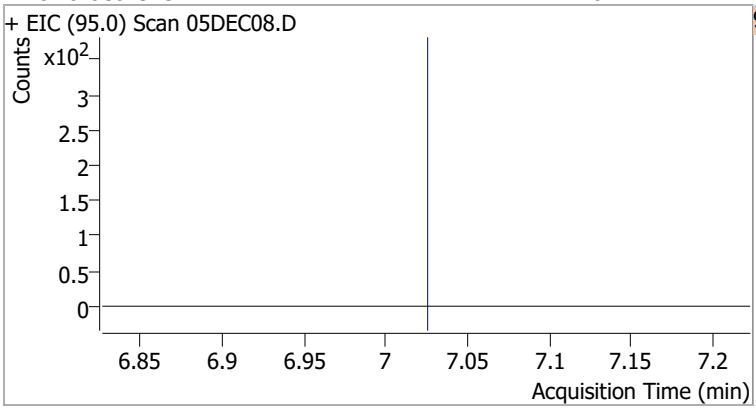


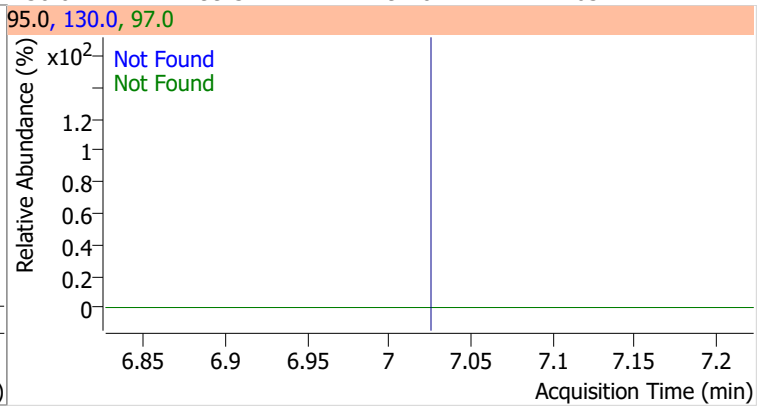
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.6	98.0	7.4



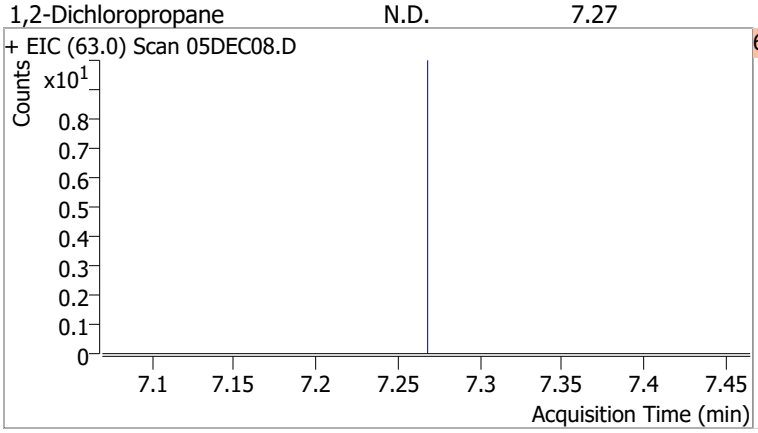


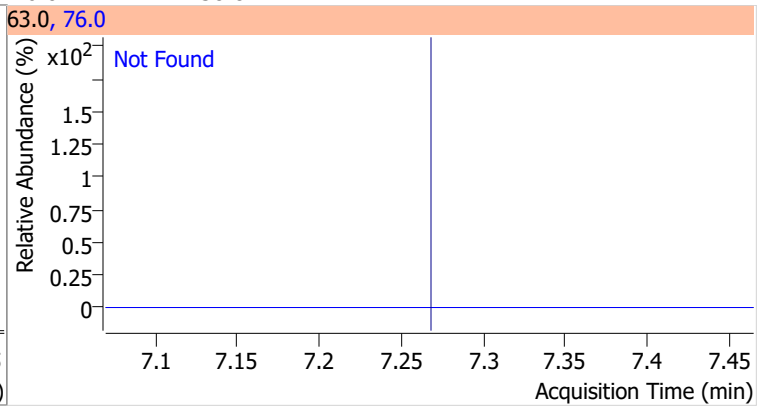
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	99.3	97.0	63.2



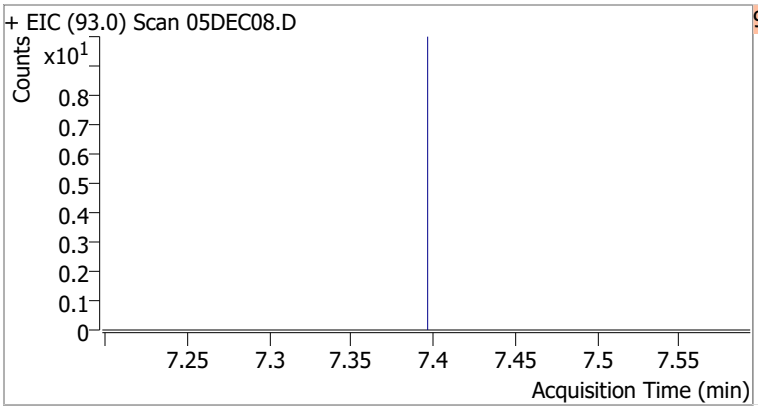


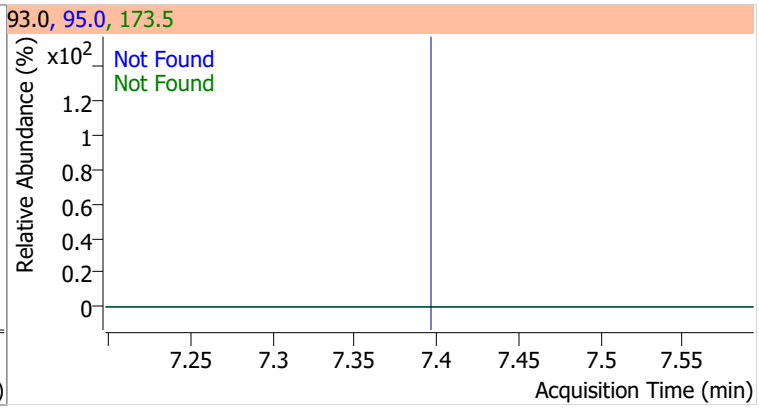
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.8



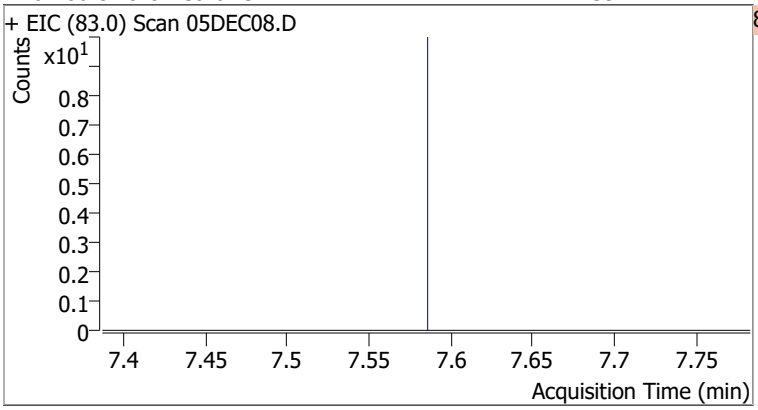


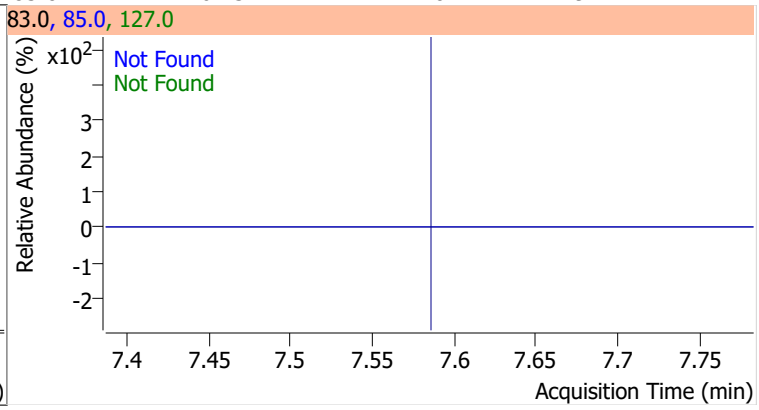
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	106.6	95.0	85.6



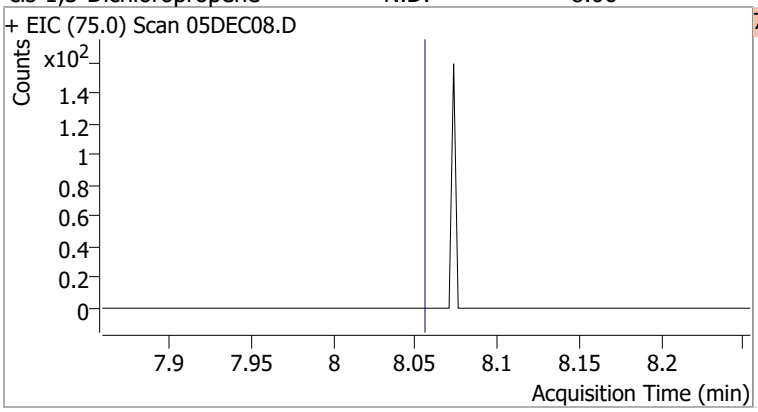


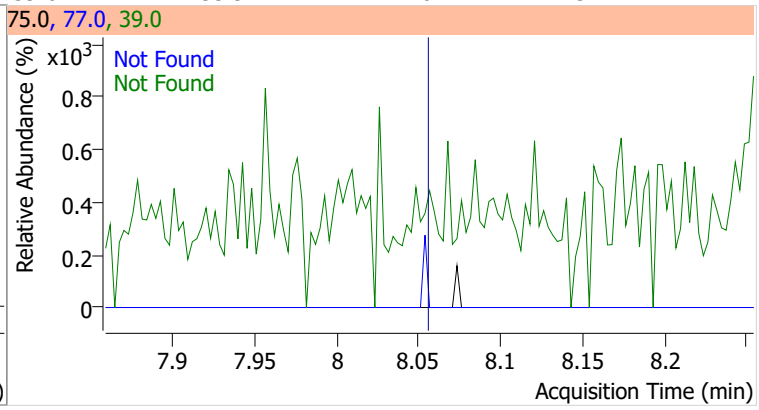
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.3	127.0	9.2



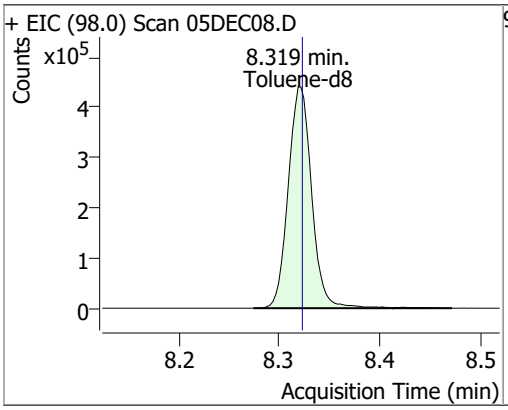


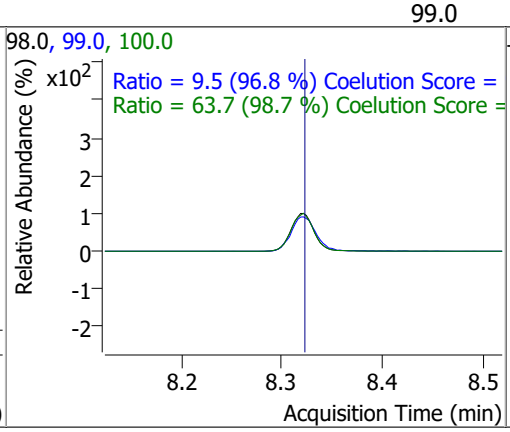
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.9	77.0	31.2

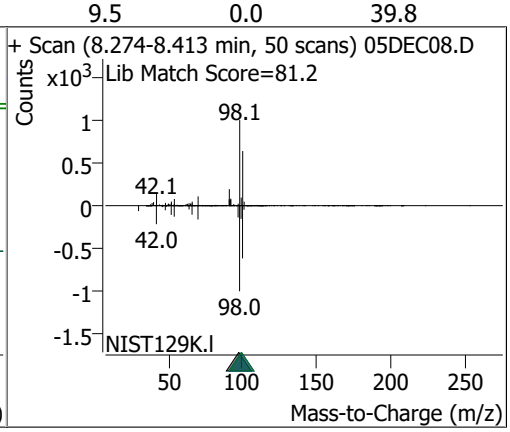




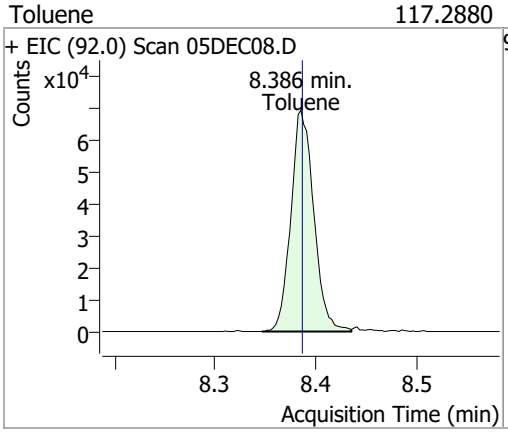
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	258.5886	8.32	0.00	714826	100.0	63.7	34.6	94.6
					99.0	9.5	0.0	39.8

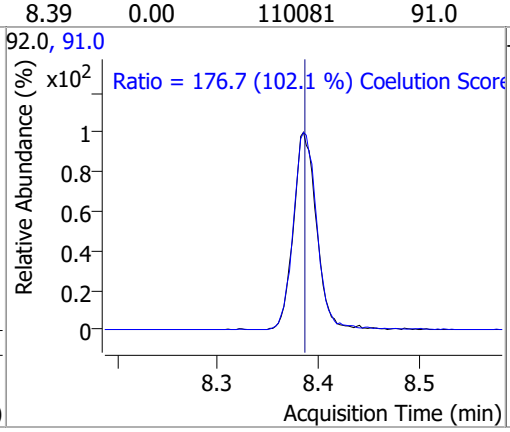


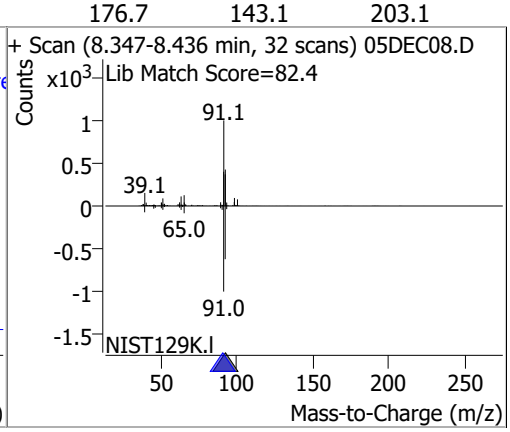




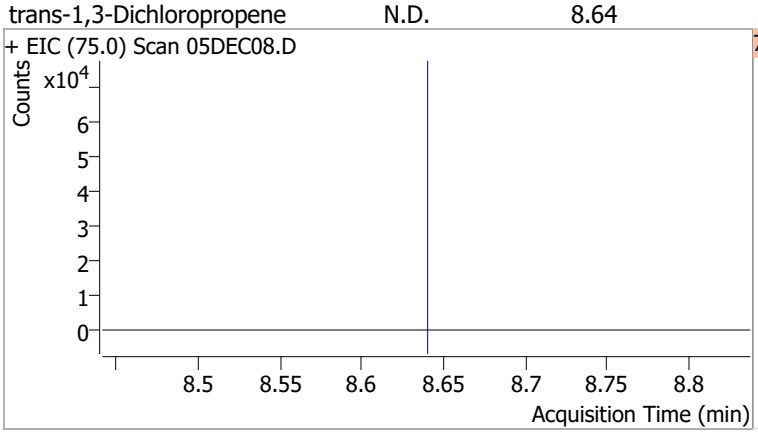
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	117.2880	8.39	0.00	110081	91.0	176.7	143.1	203.1

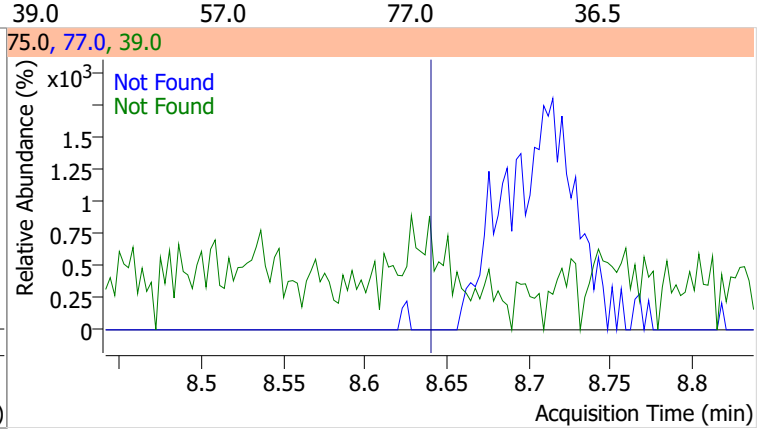




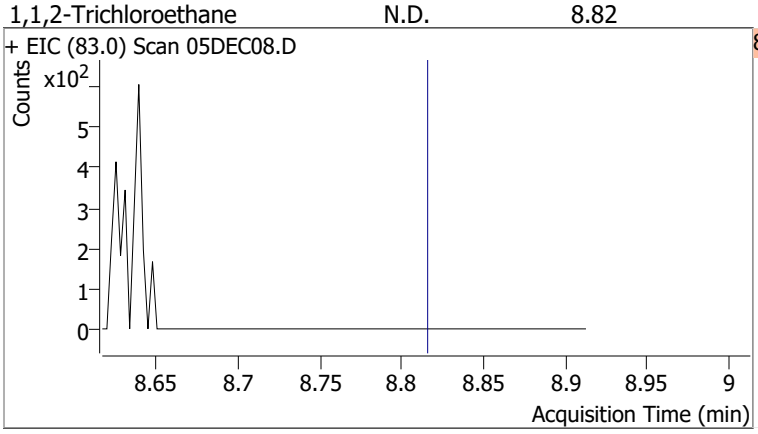


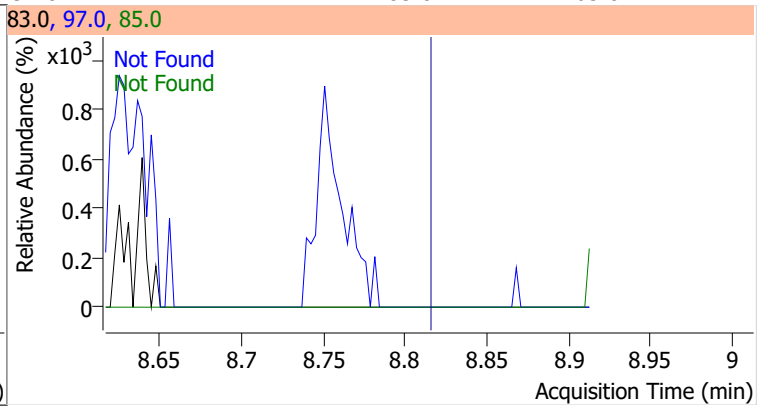
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	57.0	77.0	36.5



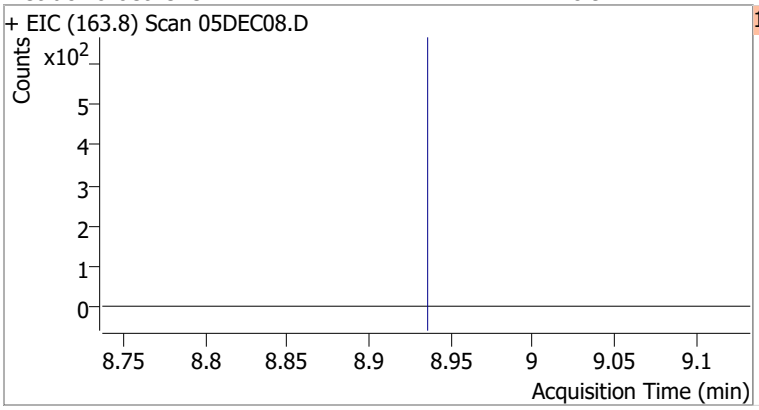


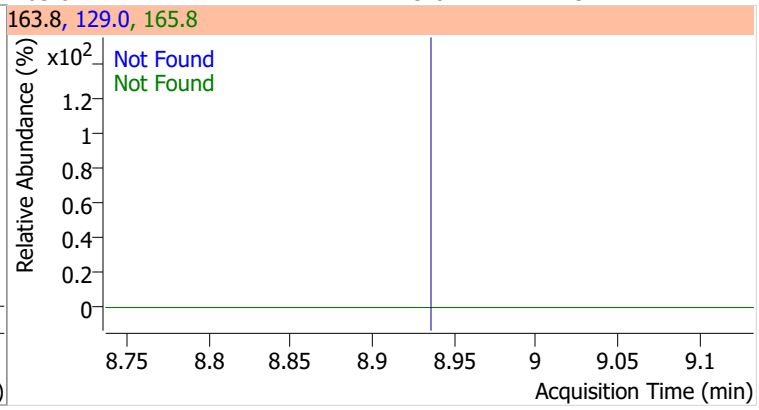
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	112.7	85.0	65.0



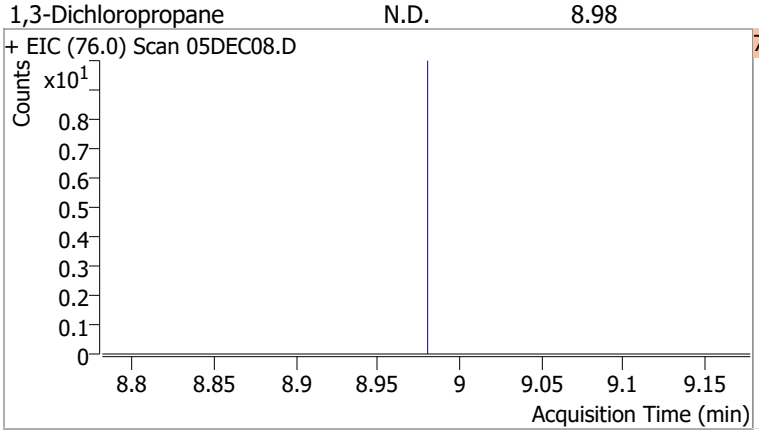


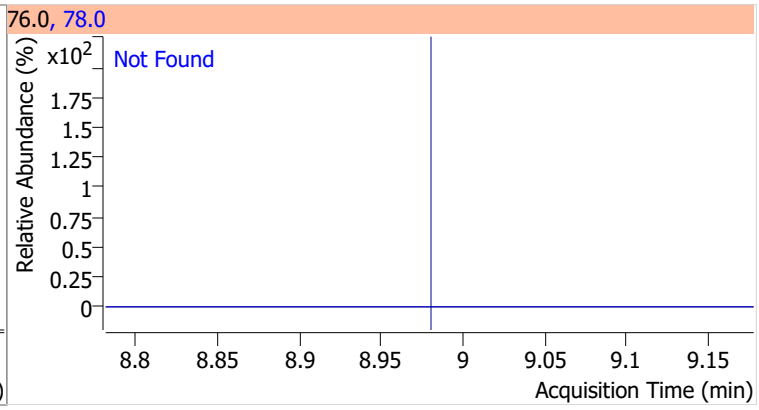
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.7	129.0	92.7



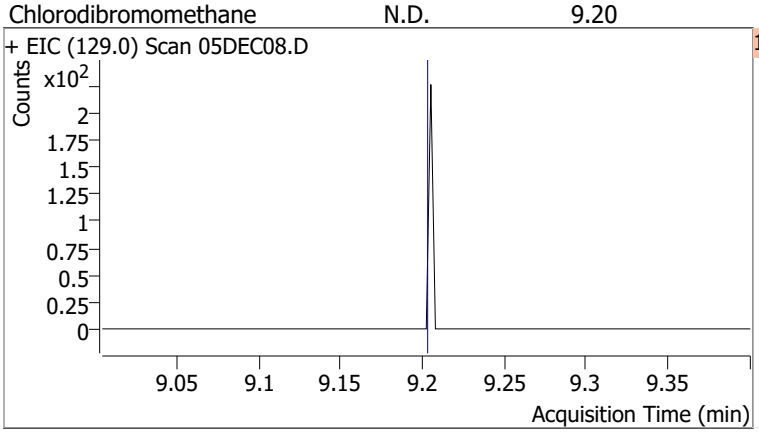


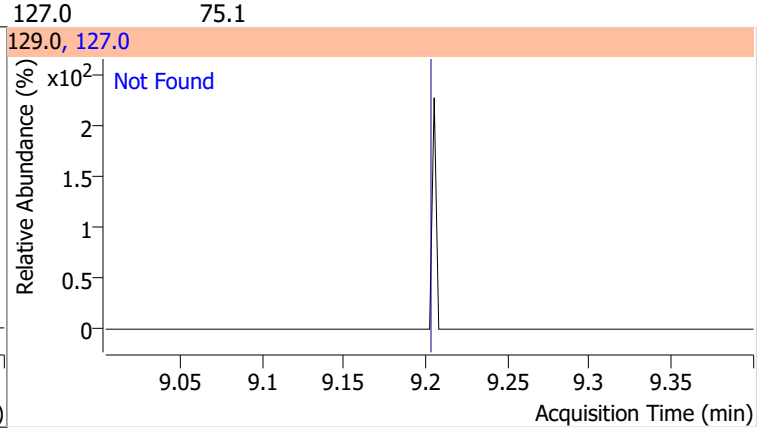
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.1



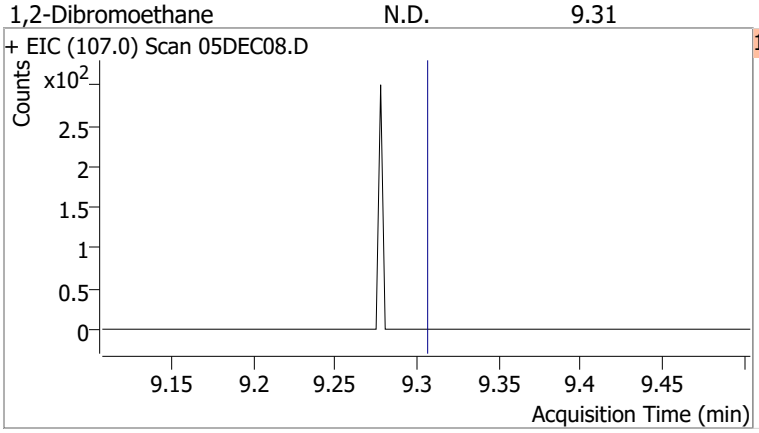


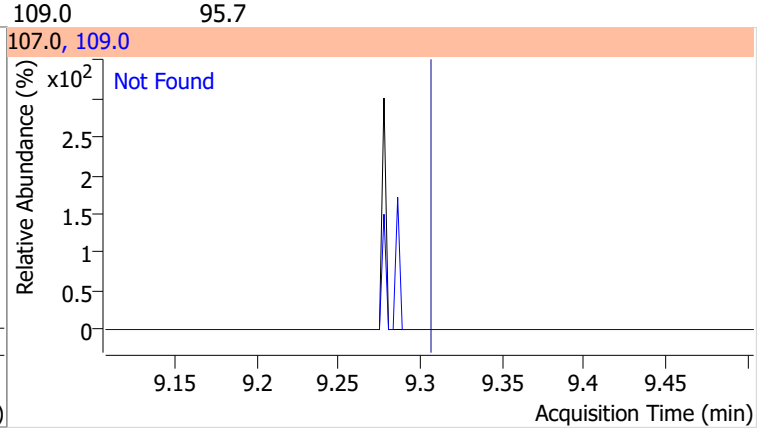
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.20	127.0	75.1



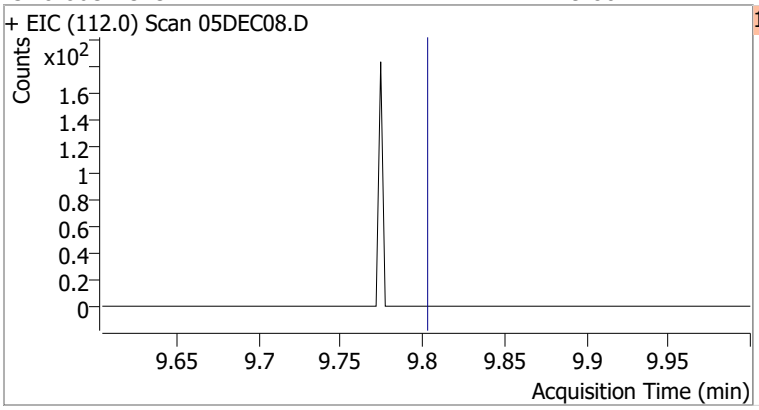


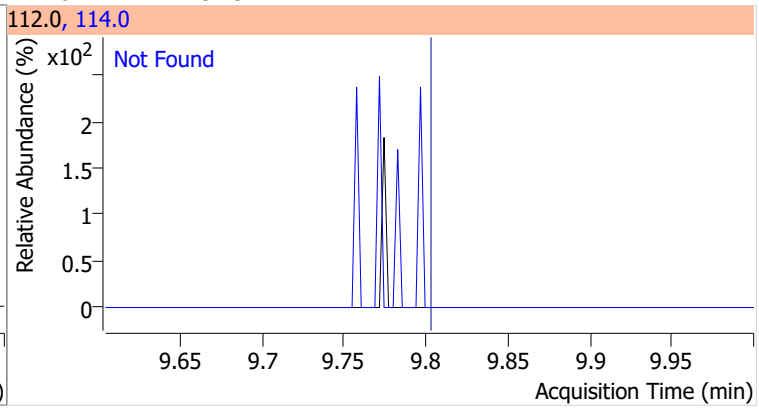
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.7



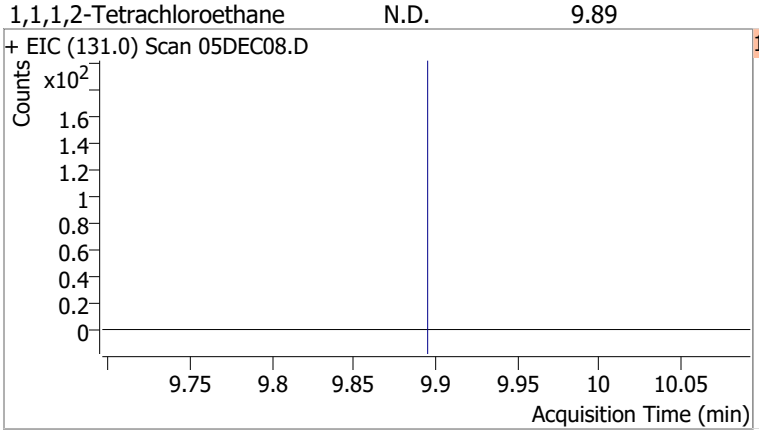


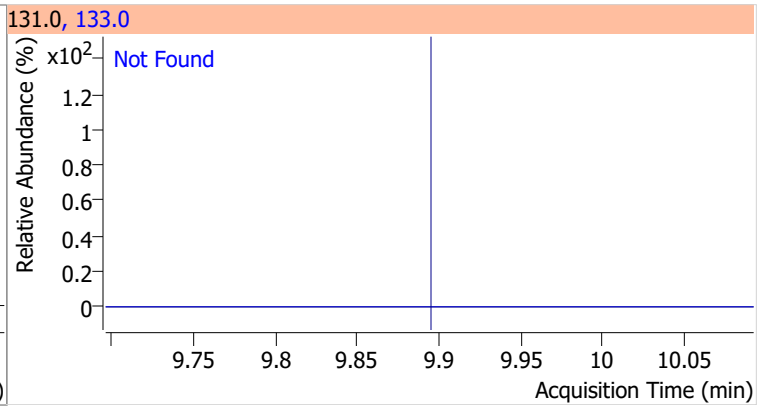
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.9



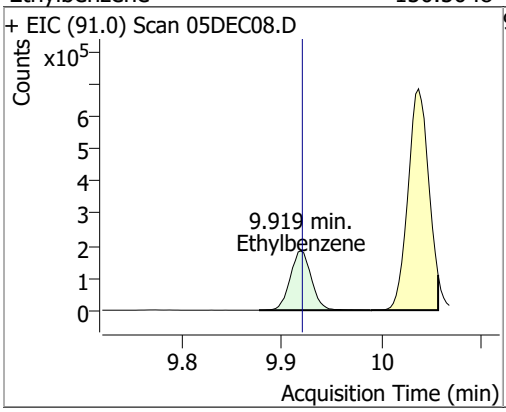


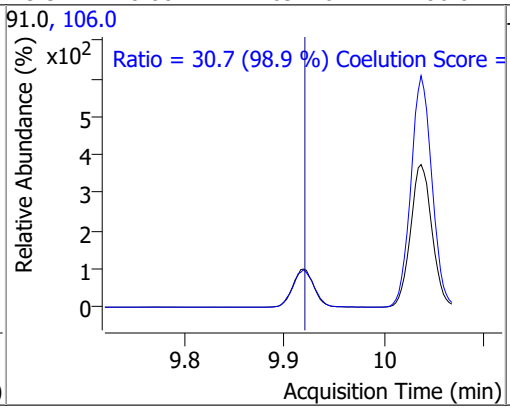
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.0

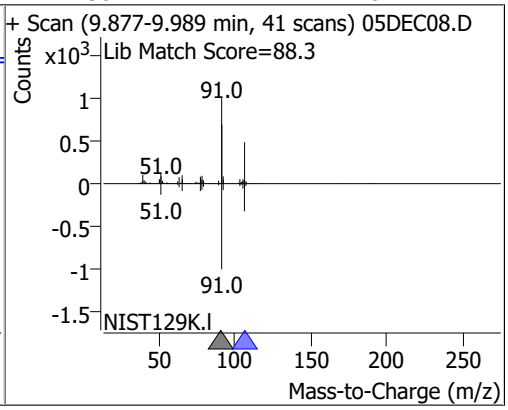




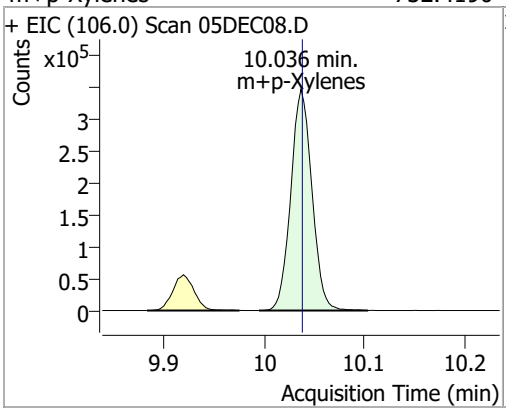
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	150.5048	9.92	0.00	269446	106.0	30.7	1.1	61.1

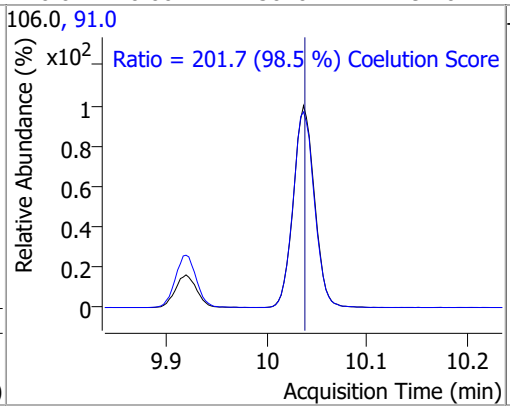


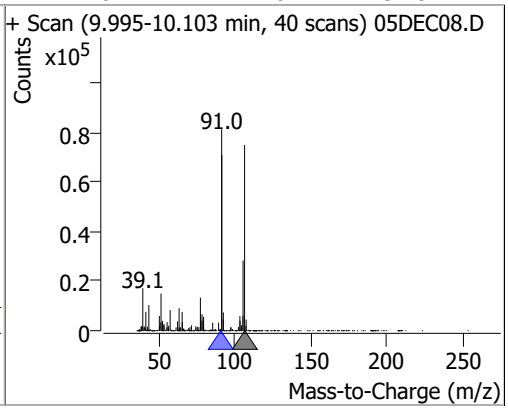




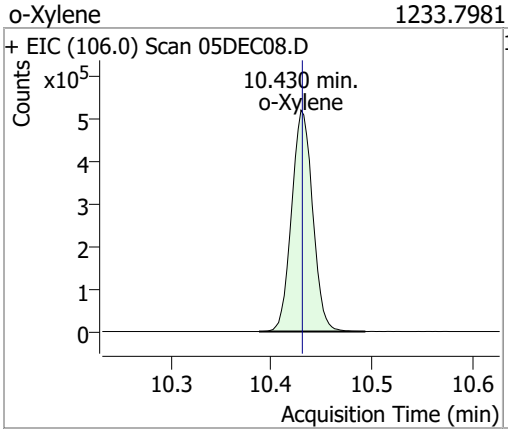
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	732.4190	10.04	0.00	507022	91.0	201.7	174.8	234.8

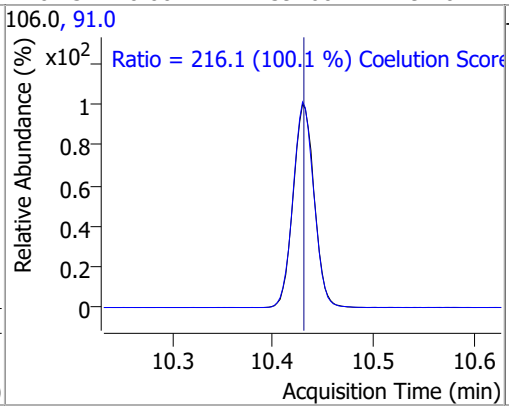


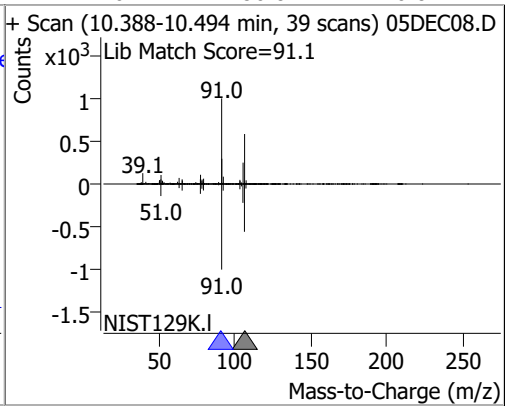




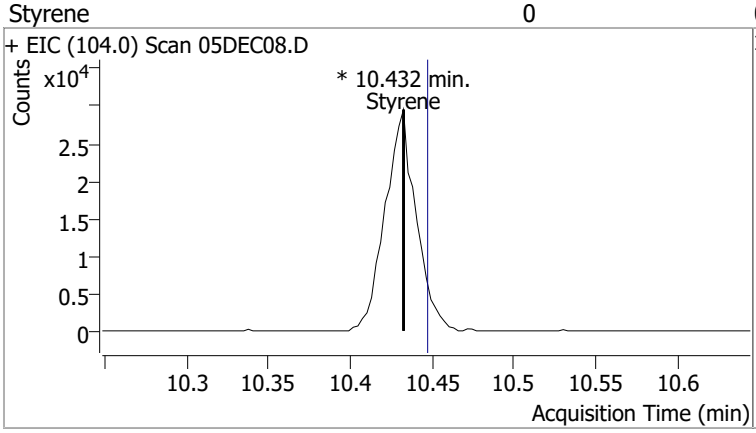
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	1233.7981	10.43	0.00	759160	91.0	216.1	186.0	246.0

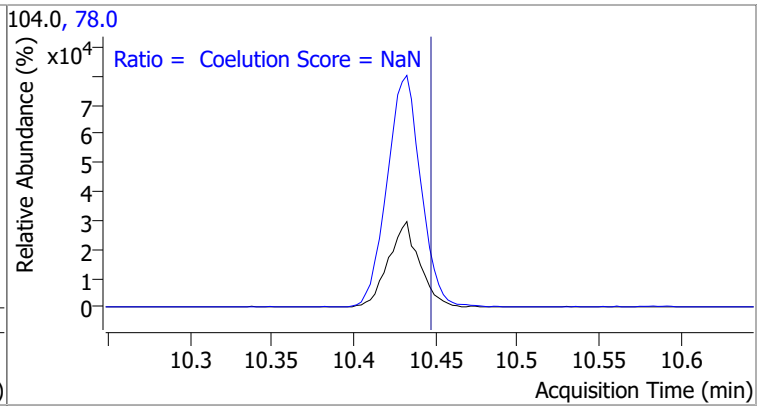




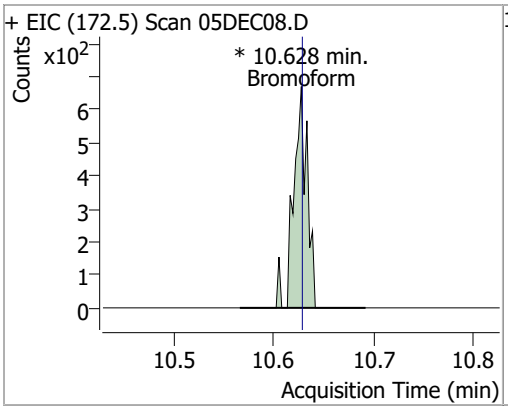


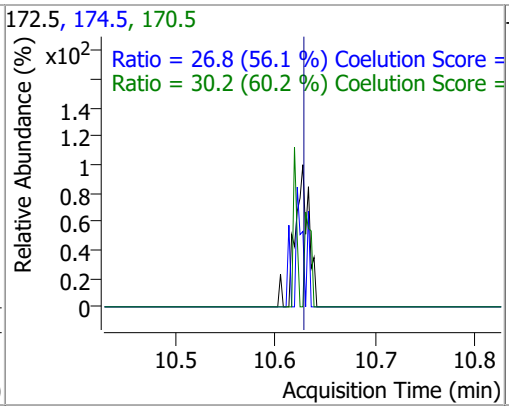
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene		0		0	78.0		20.3	80.3

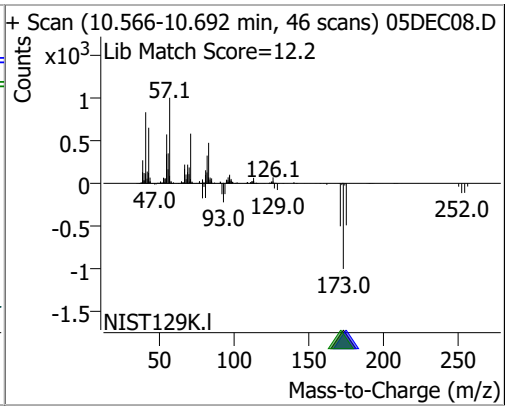




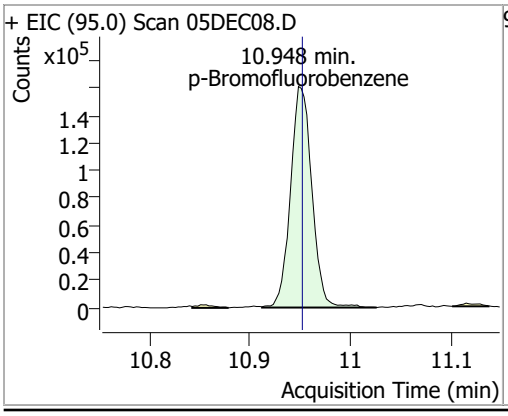
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	4.3150	10.63	0.00	626 (m)	170.5	30.2	20.2	80.2
					174.5	26.8	17.7	77.7

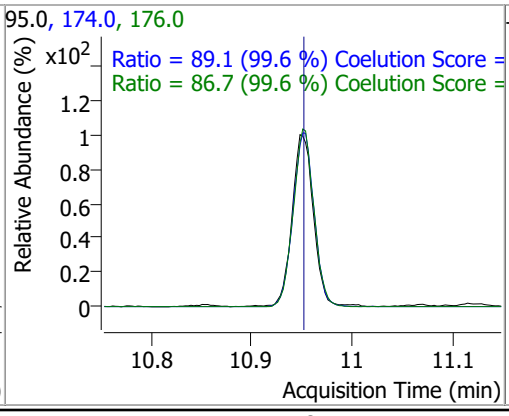


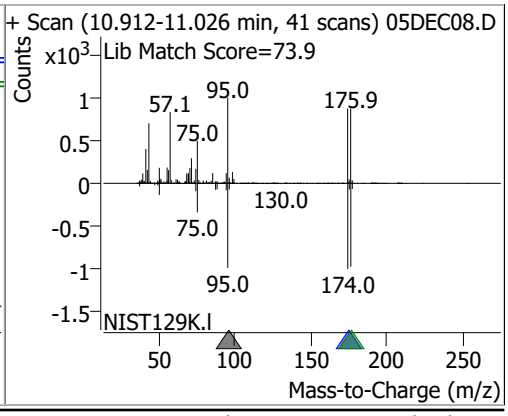




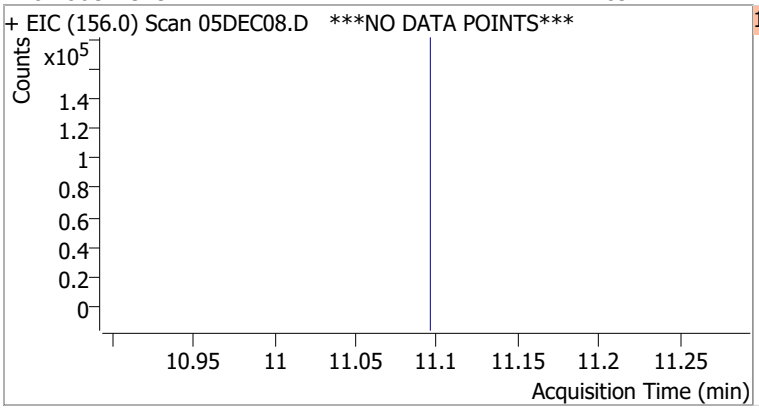
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	267.8015	10.95	0.00	238385	174.0	89.1	59.4	119.4
					176.0	86.7	57.1	117.1

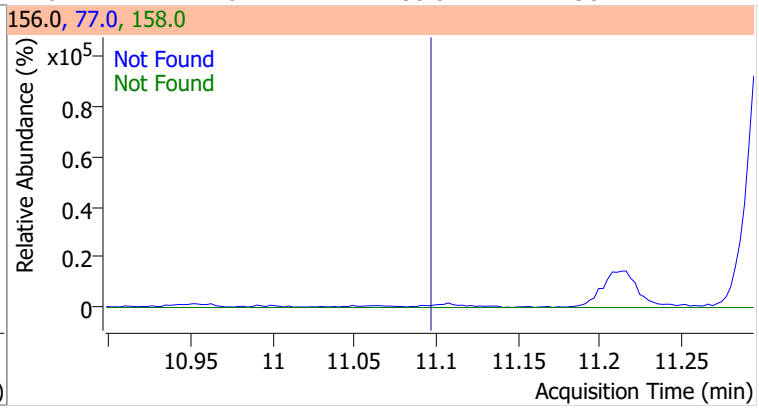




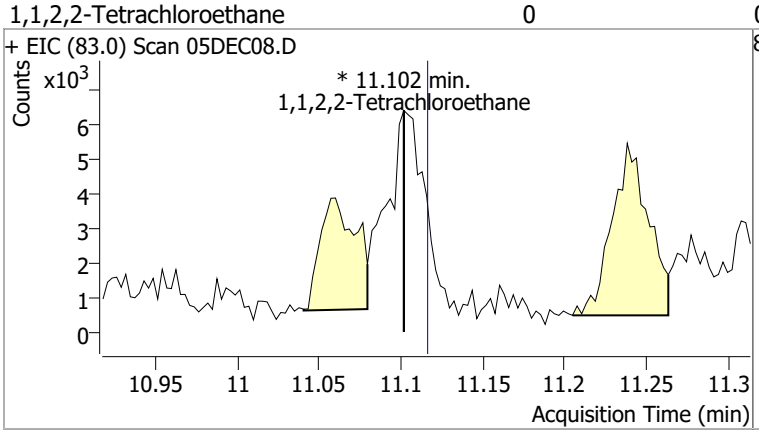


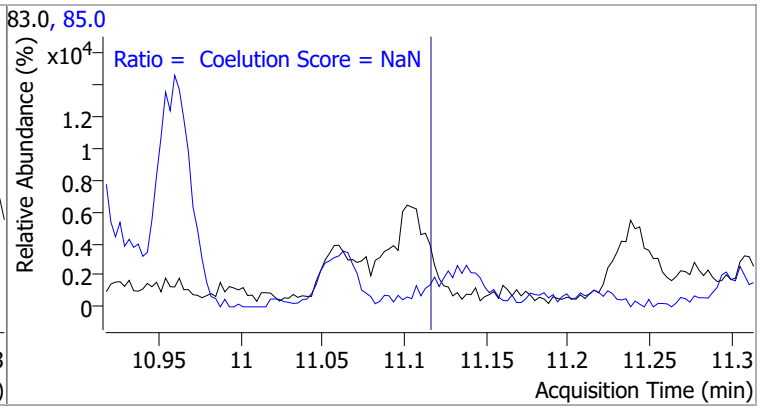
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	148.1	158.0	98.4



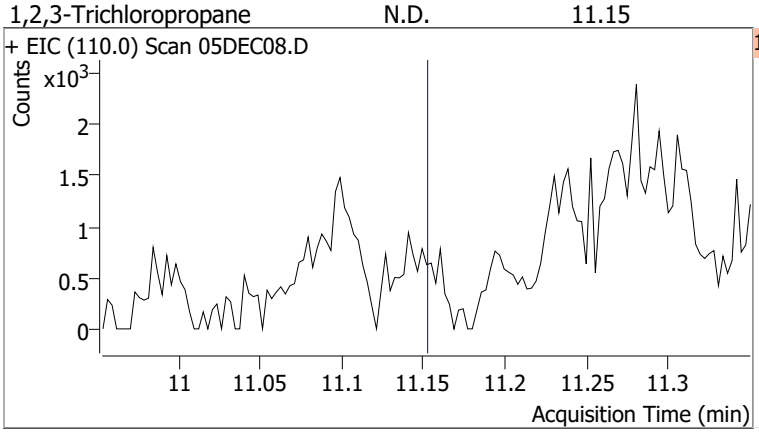


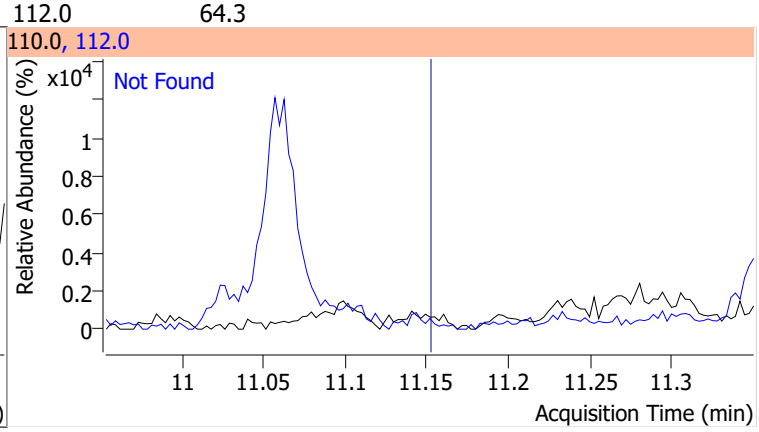
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane		0		0	85.0		34.1	94.1



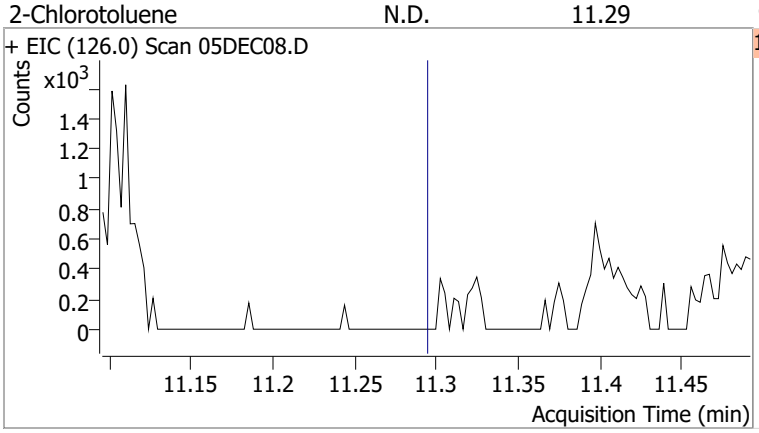


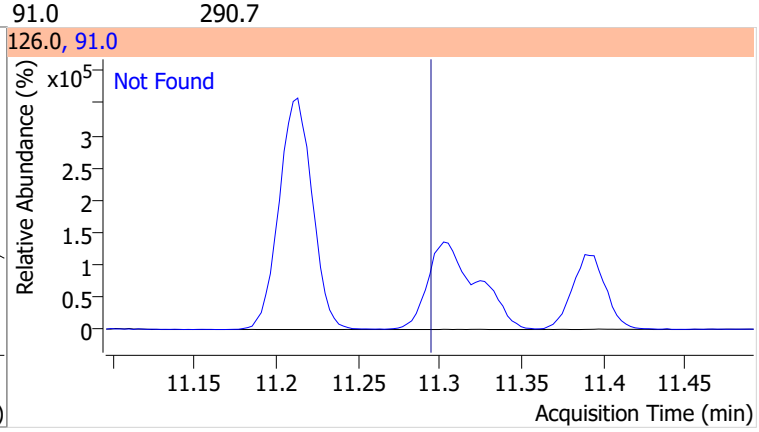
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	64.3



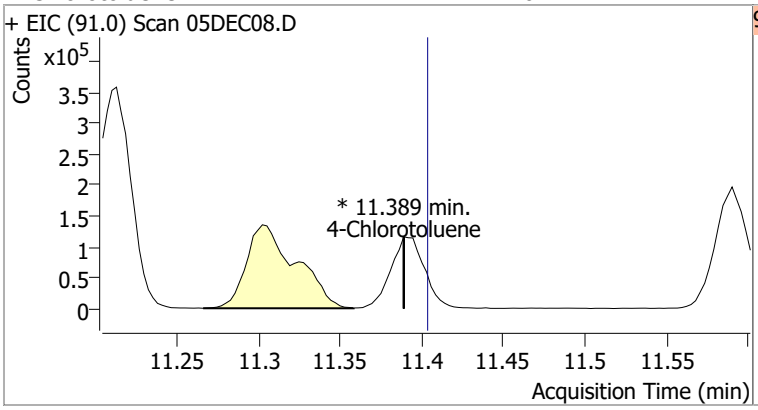


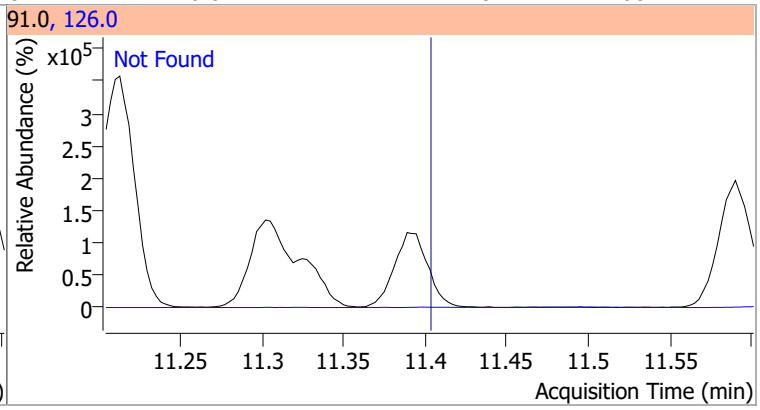
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	290.7



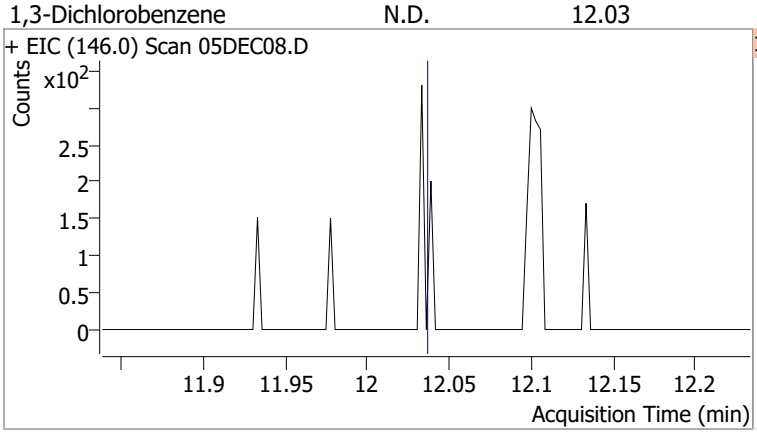


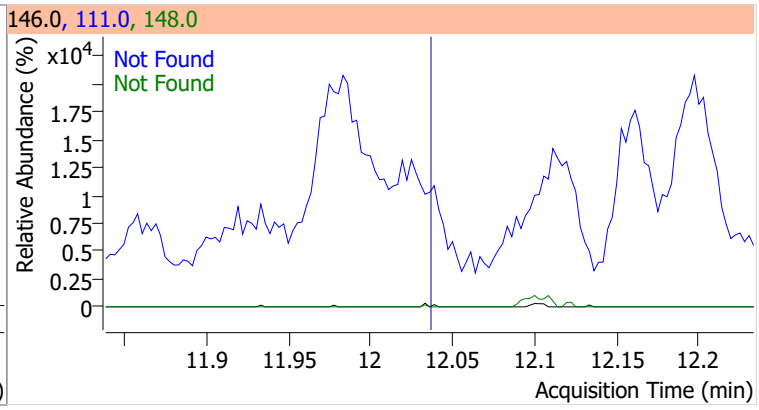
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene		0		0	126.0		0.1	60.1



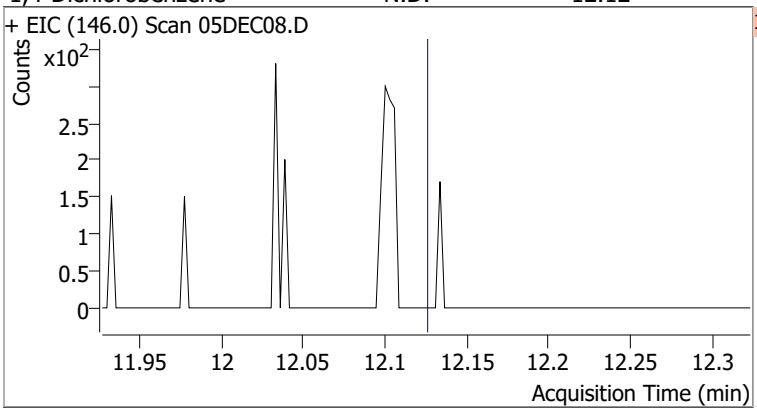


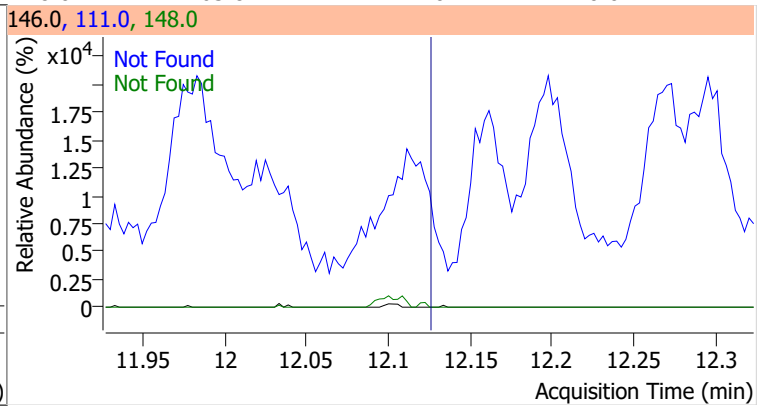
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.9	111.0	41.0



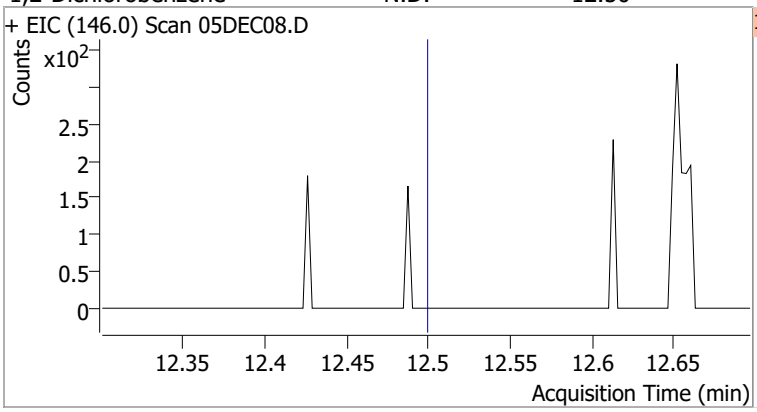


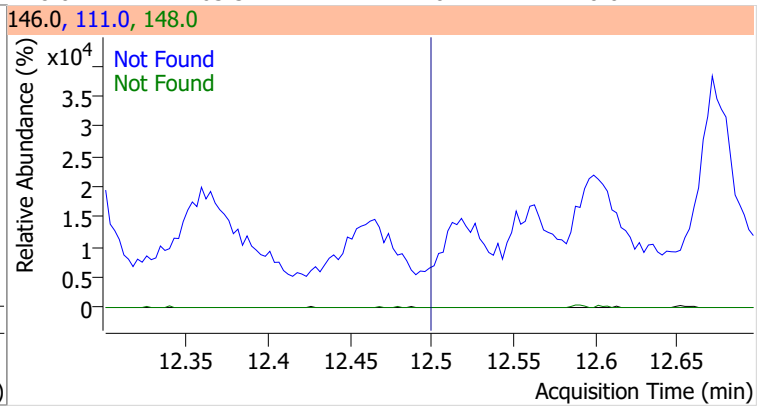
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.8	111.0	40.0





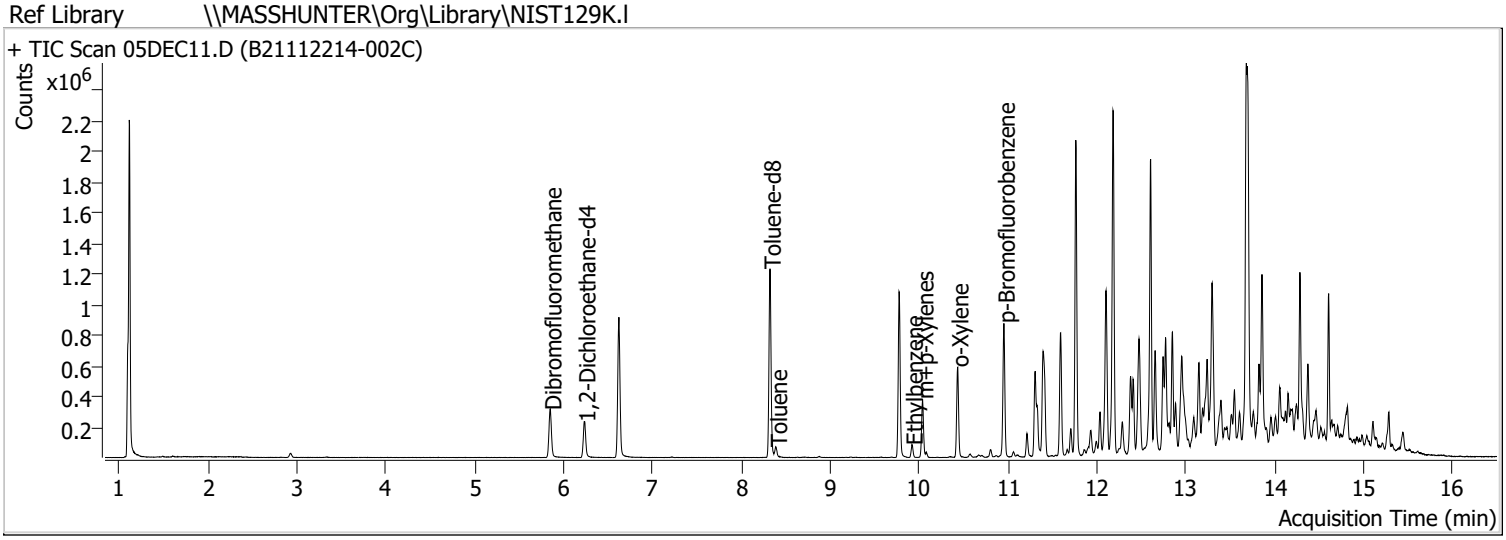
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.50	148.0	63.5	111.0	40.0





Quantitation Results Report (QT Reviewed)

Data File	05DEC11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 3:41:11 PM
Sample Name	B21112214-002C	Instrument	VOA5975C
Vial	11	Multiplier	10.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	10x
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

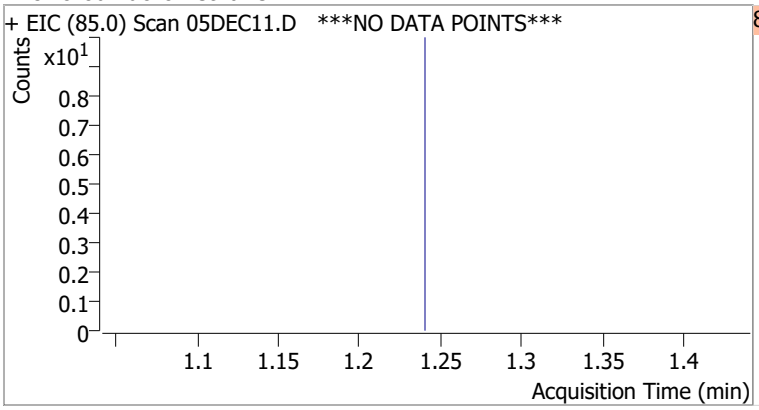


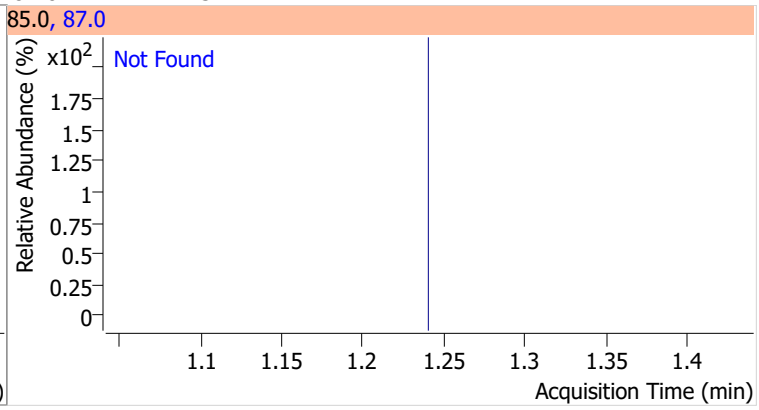
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	753343	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	289685	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	238548	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.851	113.0	186812	260.3772	ng	0.005
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.15%		
S 1,2-Dichloroethane-d4	6.233	67.0	85460	258.8910	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 103.56%		
S Toluene-d8	8.319	98.0	754820	263.7813	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.51%		
S p-Bromofluorobenzene	10.951	95.0	238918	260.9383	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.38%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	0.000		0	N.D.		
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	0.000		0	N.D.		
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	0.000		0	N.D.		

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	8.388	92.0	21232	109.2682	ng		92
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	9.917	91.0	52478	141.5851	ng		97
T m+p-Xylenes	10.037	106.0	91647	639.4588	ng		96
T o-Xylene	10.430	106.0	143475	1126.2857	ng		98
T Styrene	10.430	104.0	0		ng	md	1
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	11.395	91.0	0		ng	md	1
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

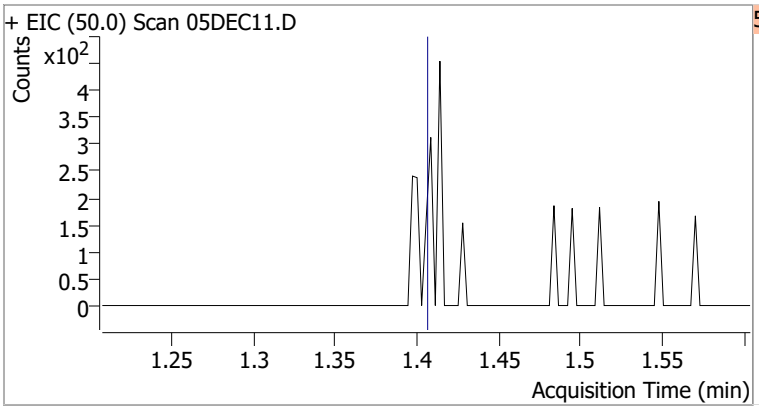
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

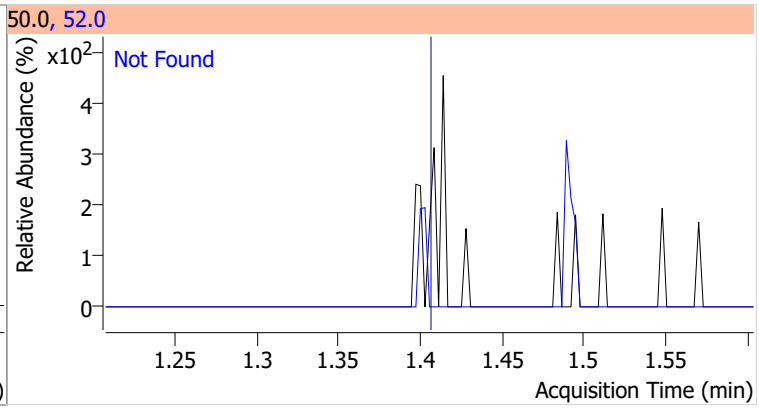
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	32.1



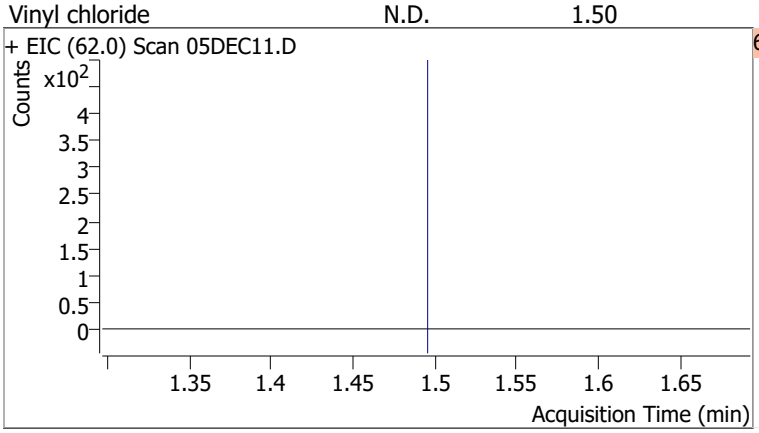


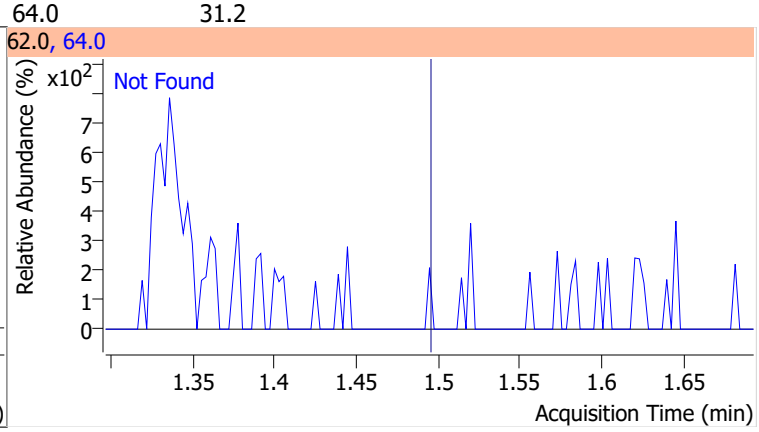
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloromethane	N.D.	1.41	52.0	33.4



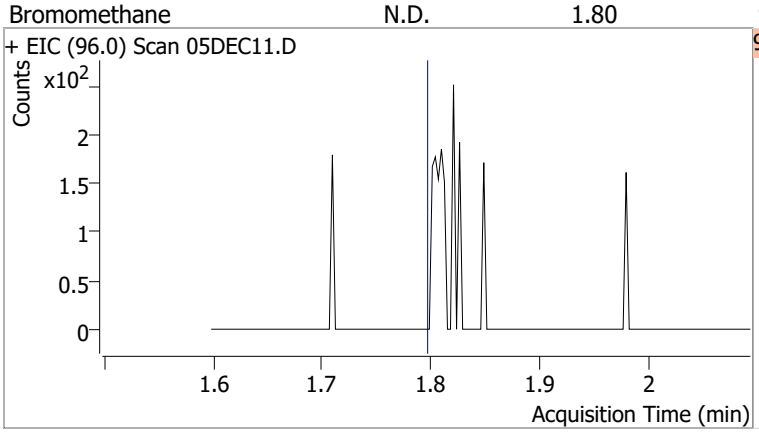


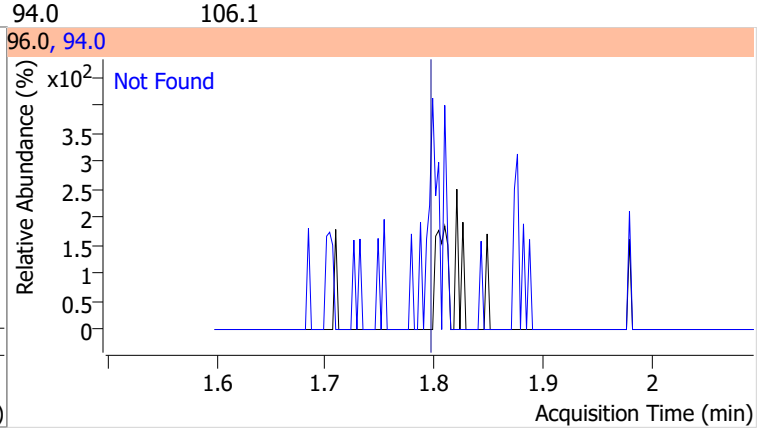
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.50	64.0	31.2



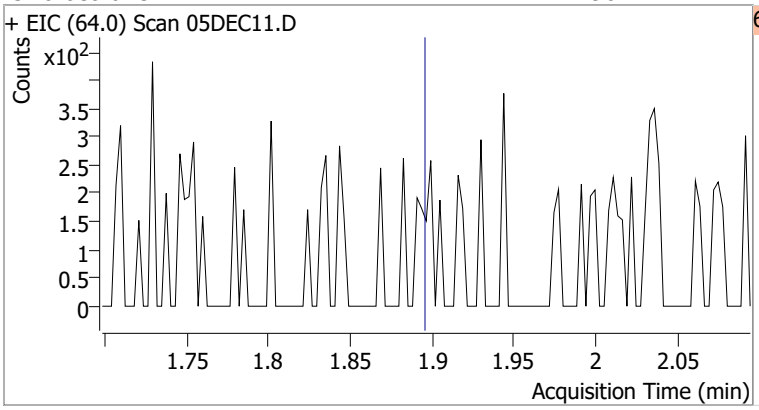


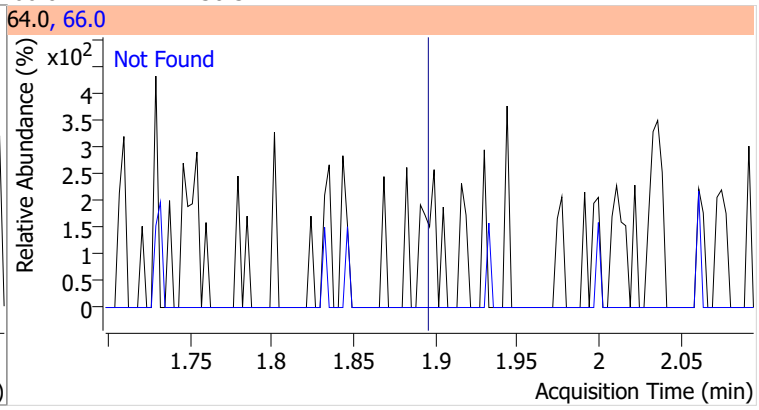
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	106.1



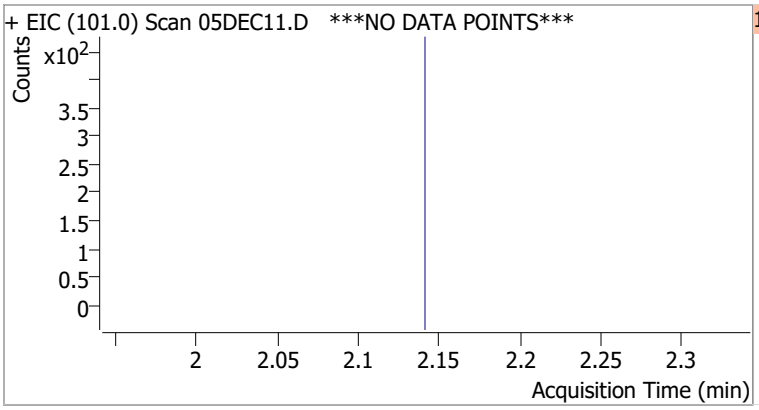


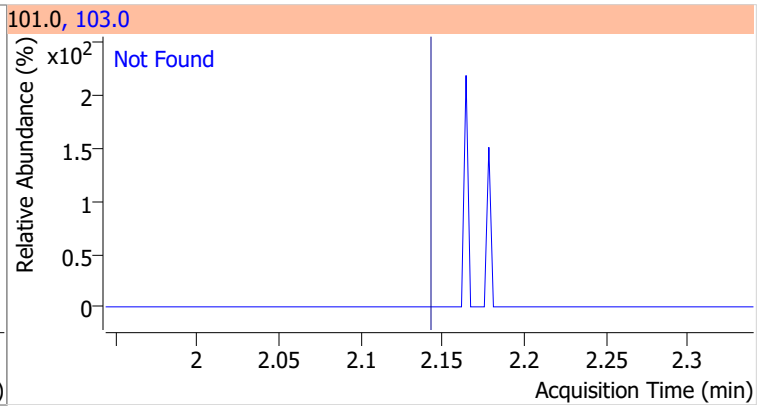
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.5



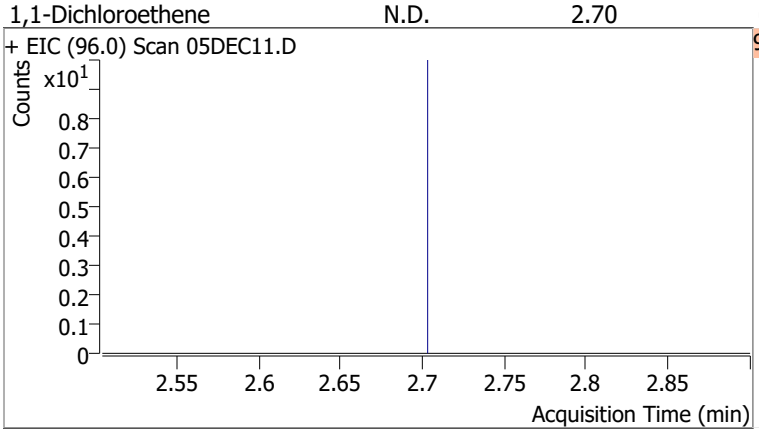


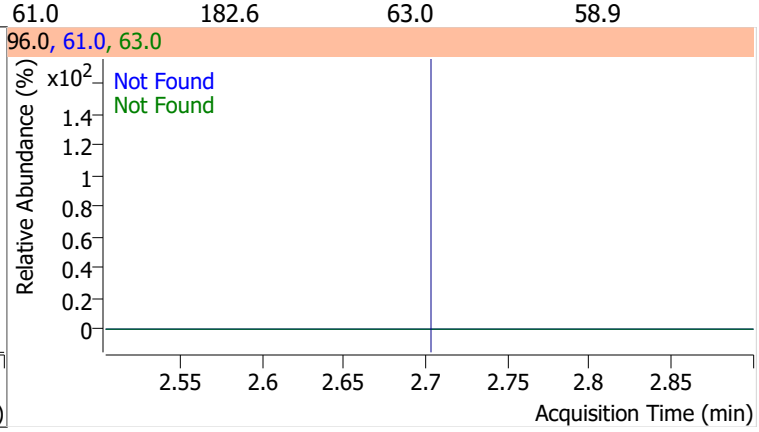
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	63.3



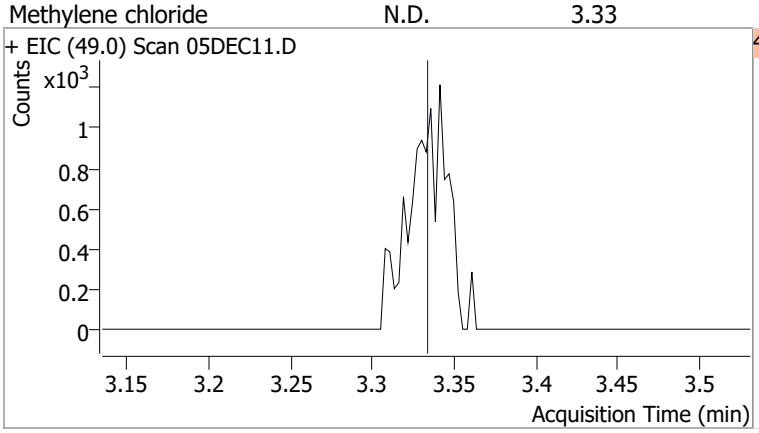


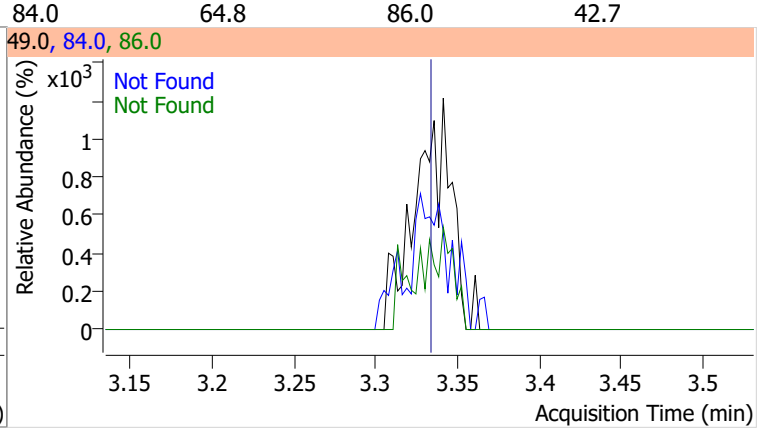
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	182.6	63.0	58.9



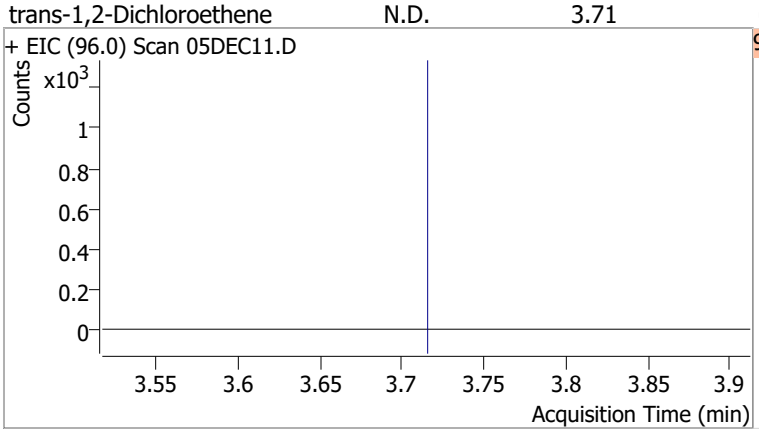


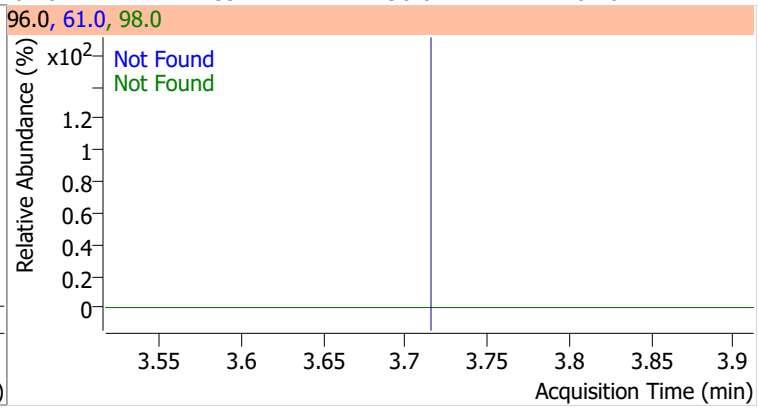
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Methylene chloride	N.D.	3.33	84.0	64.8	86.0	42.7



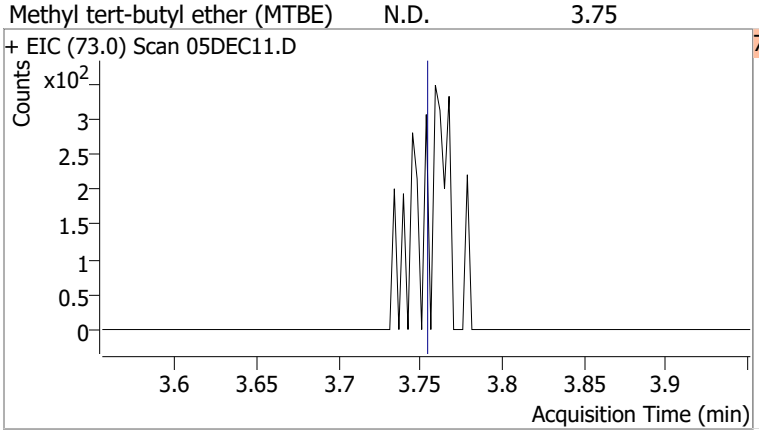


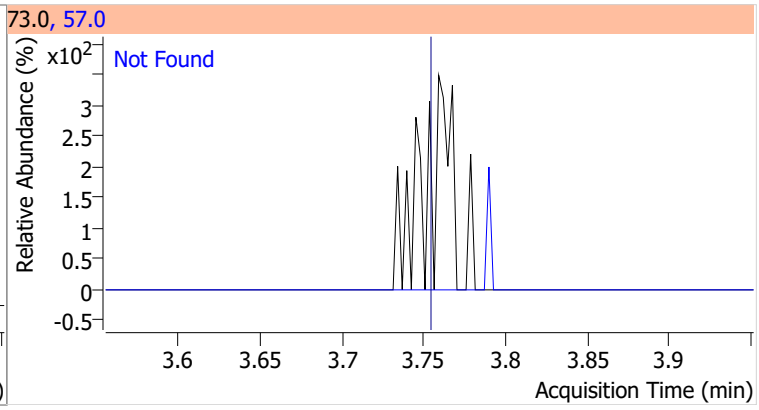
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.71	61.0	159.4	98.0	64.0



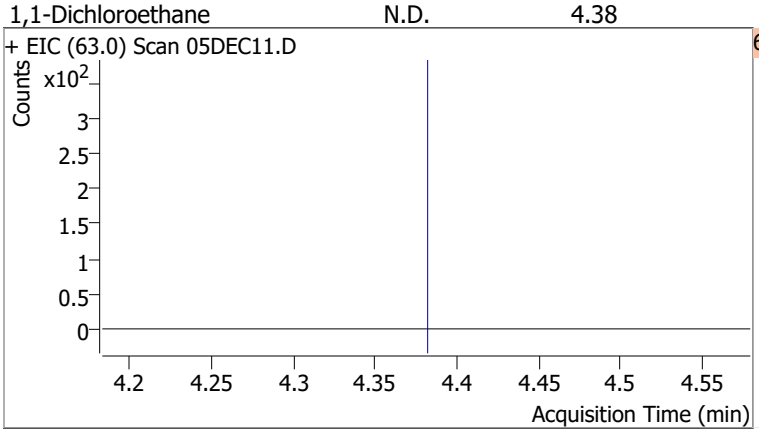


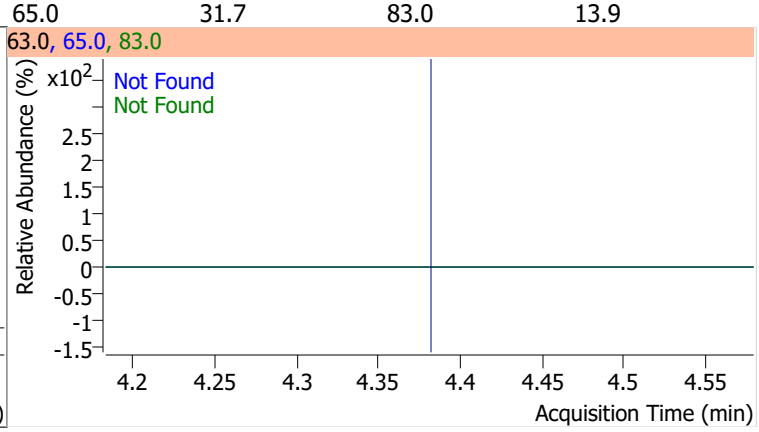
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	23.5



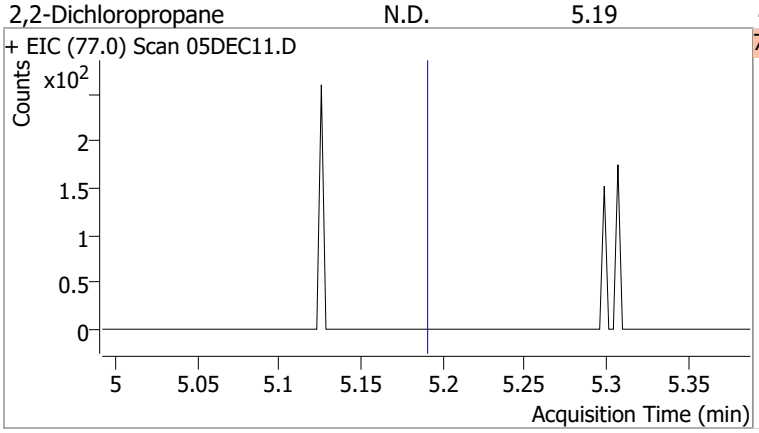


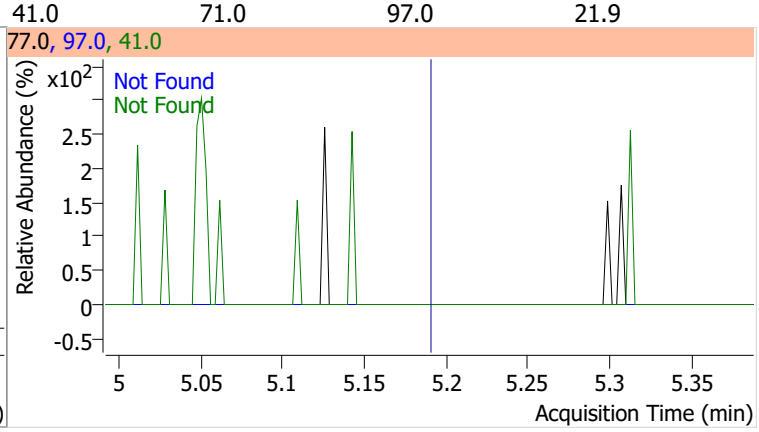
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	31.7	83.0	13.9



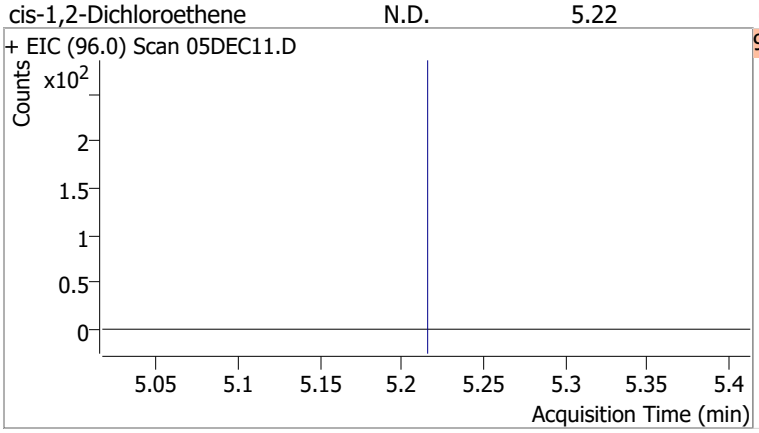


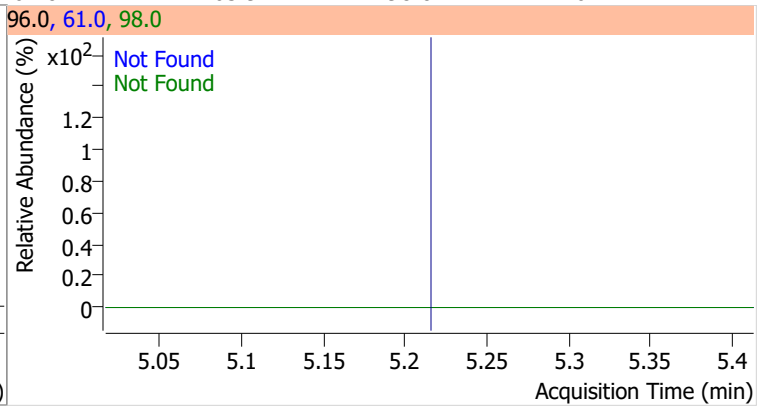
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	71.0	97.0	21.9



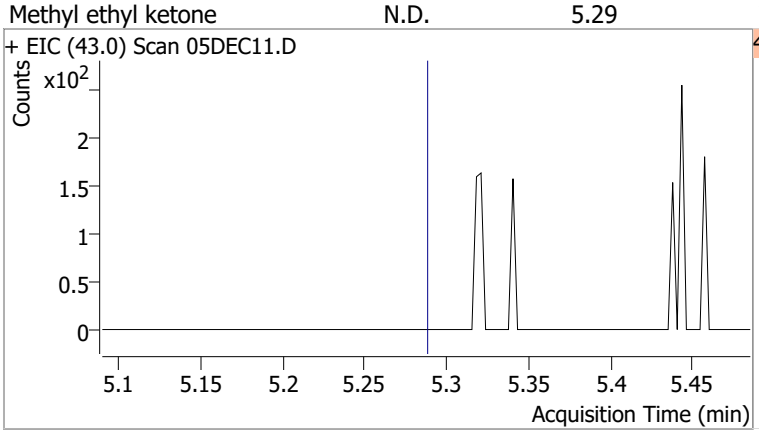


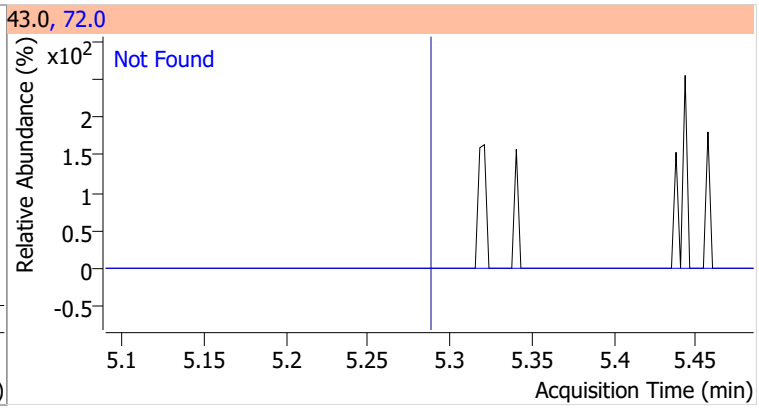
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.22	61.0	165.9	98.0	64.4



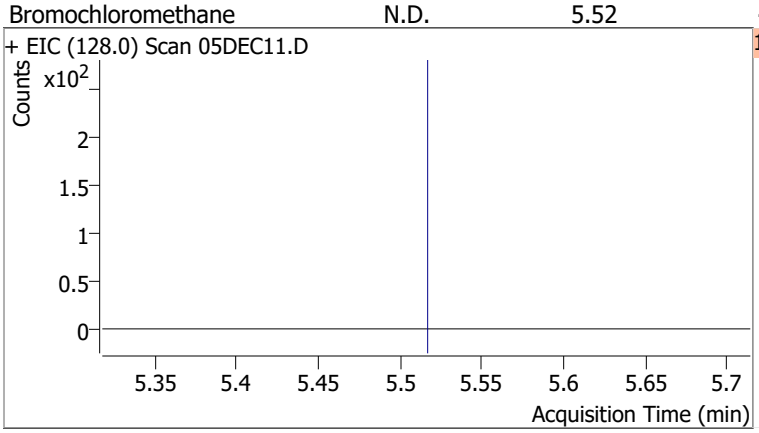


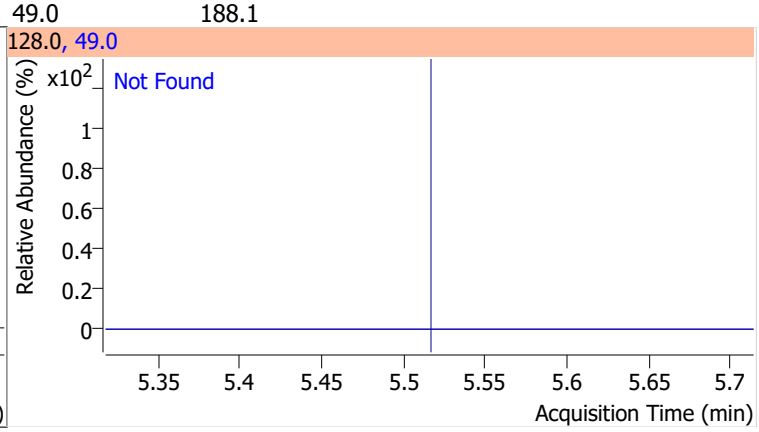
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.29	72.0	19.8



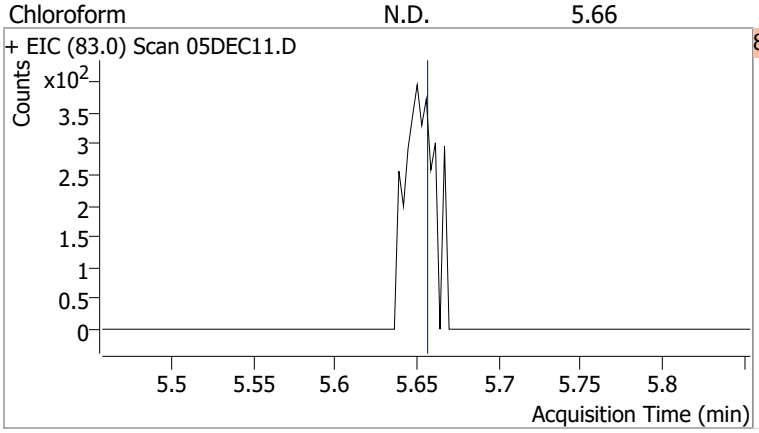


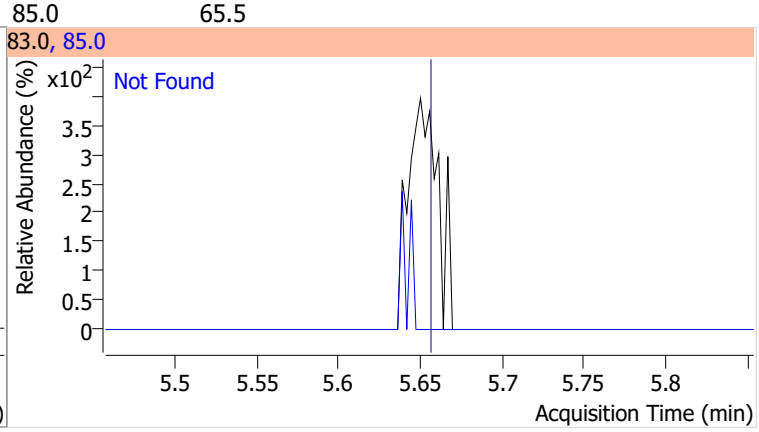
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	188.1



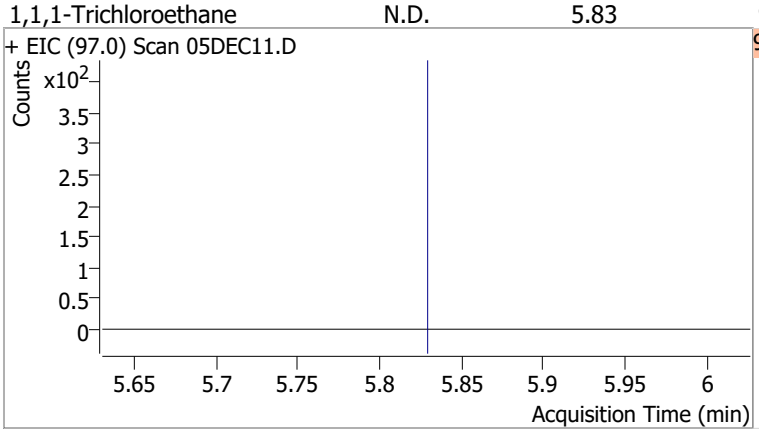


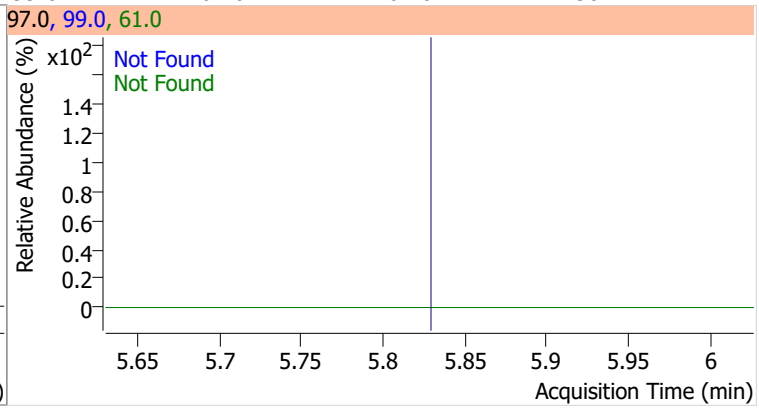
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.66	85.0	65.5



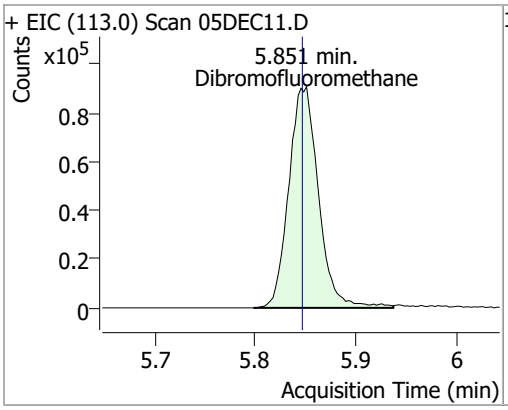


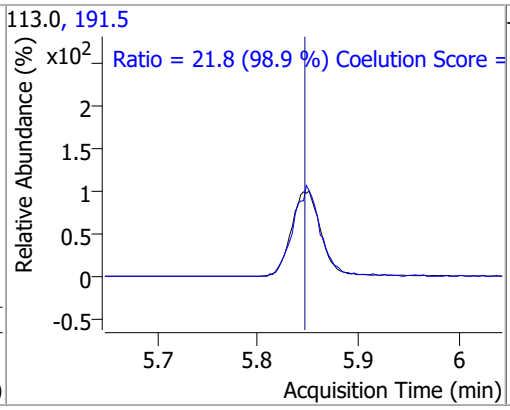
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.0	61.0	50.4

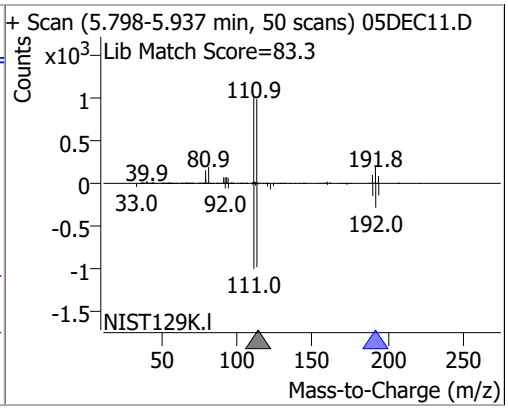




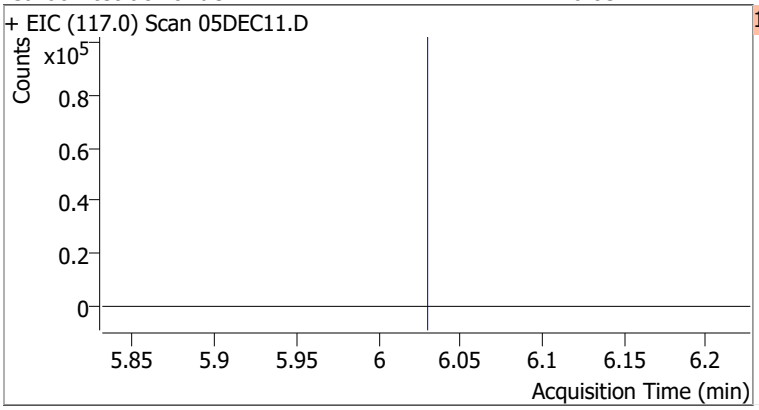
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	260.3772	5.85	0.01	186812	191.5	21.8	0.0	52.1

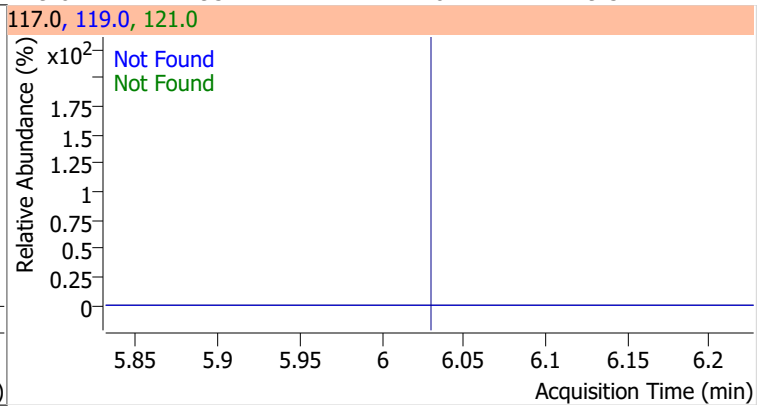




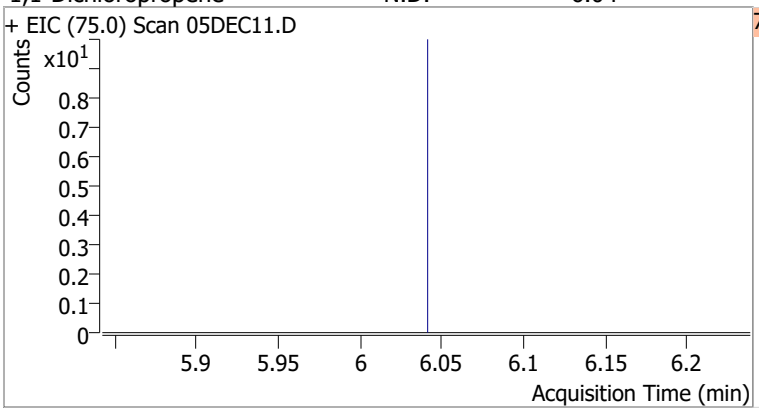


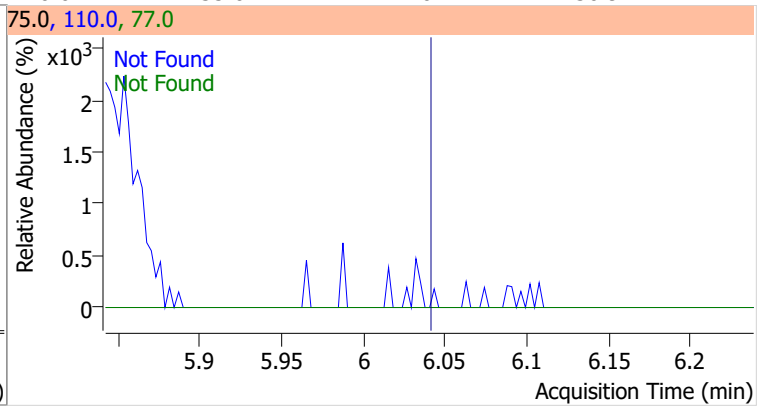
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.4	121.0	29.5



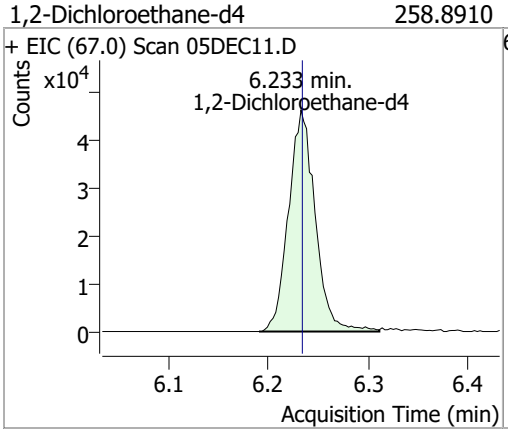


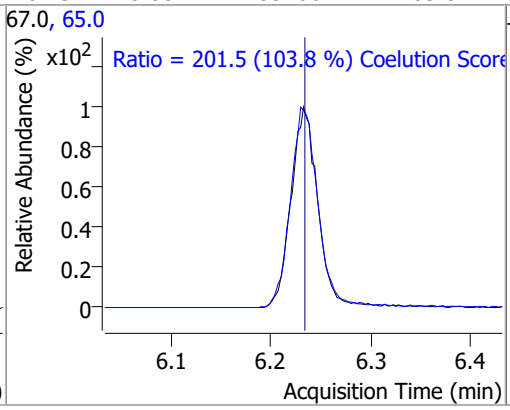
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	35.0	77.0	30.9

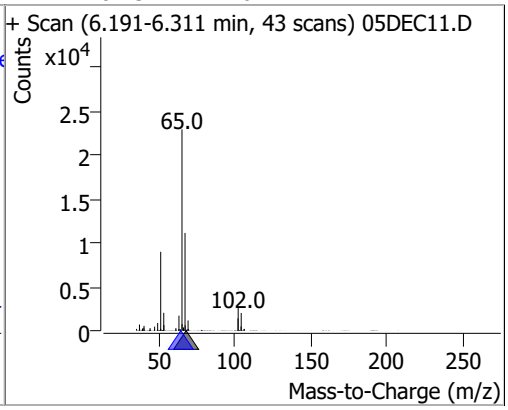




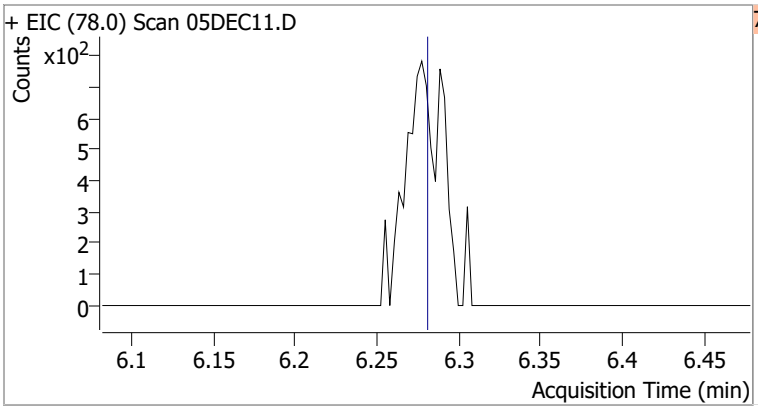
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	258.8910	6.23	0.00	85460	65.0	201.5	164.2	224.2

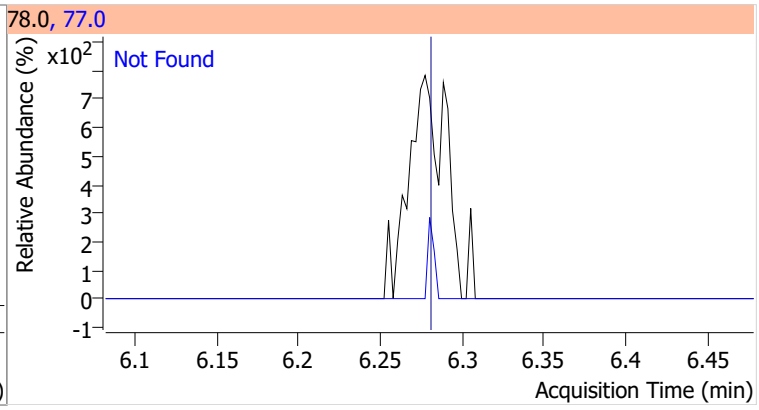




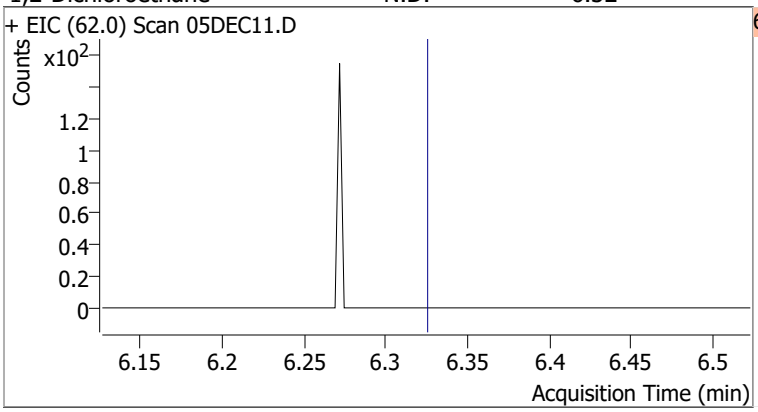


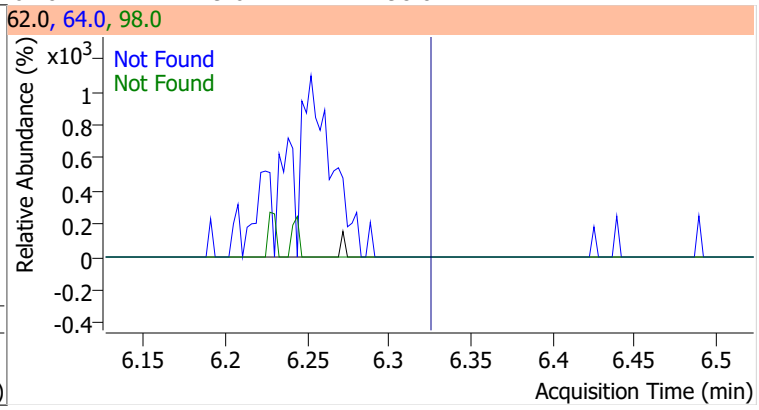
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.3



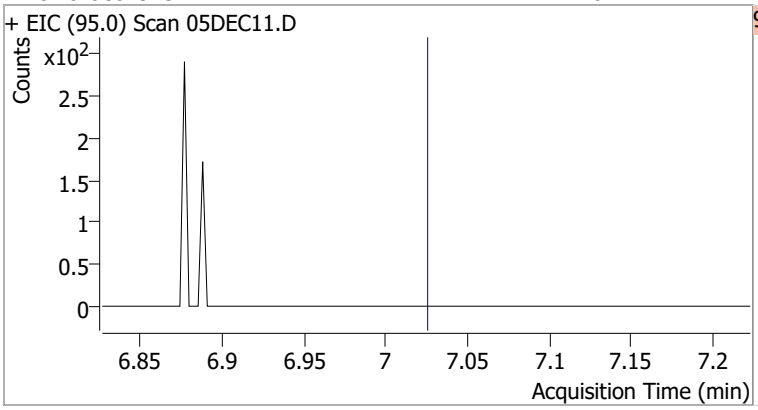


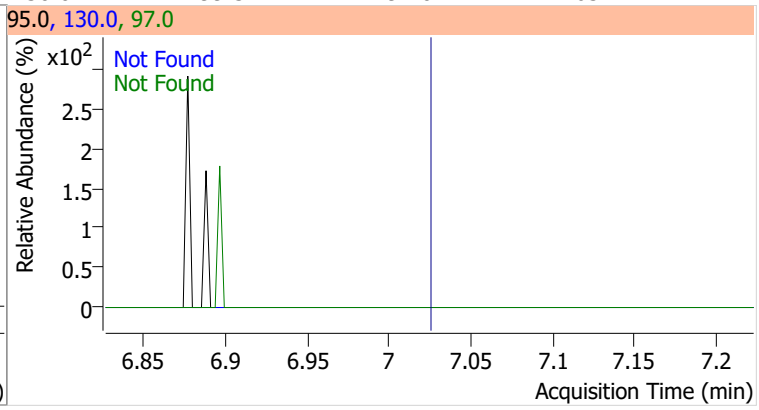
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	29.6	98.0	7.4



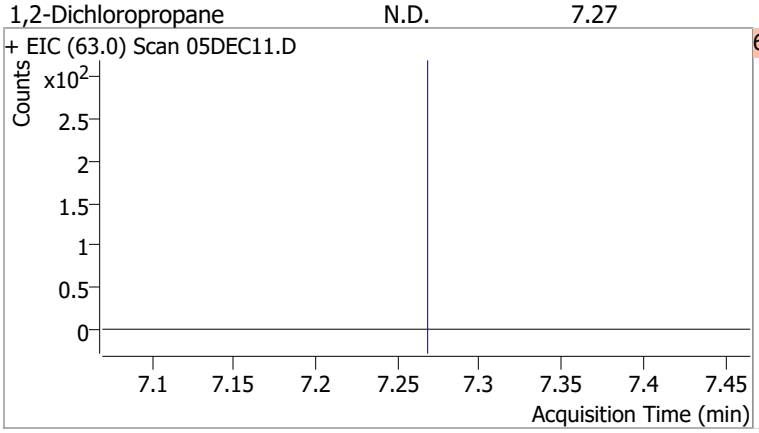


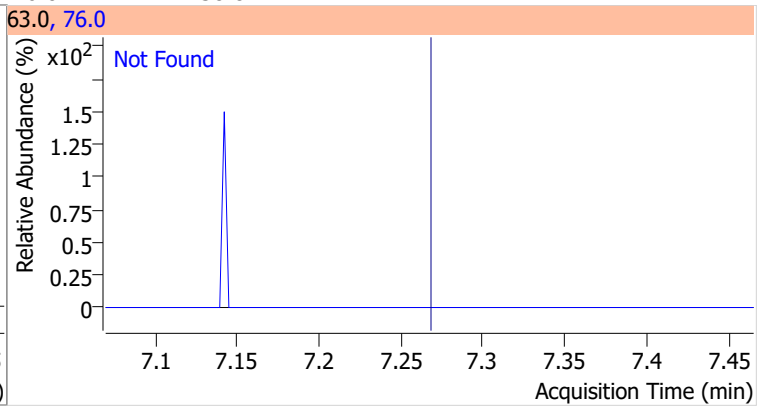
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.02	130.0	99.3	97.0	63.2



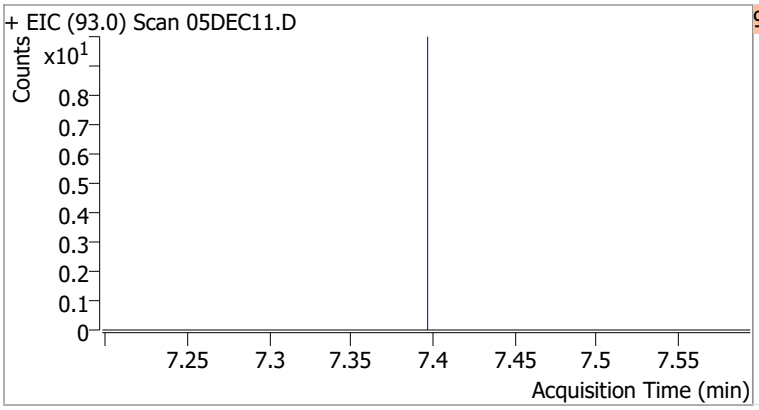


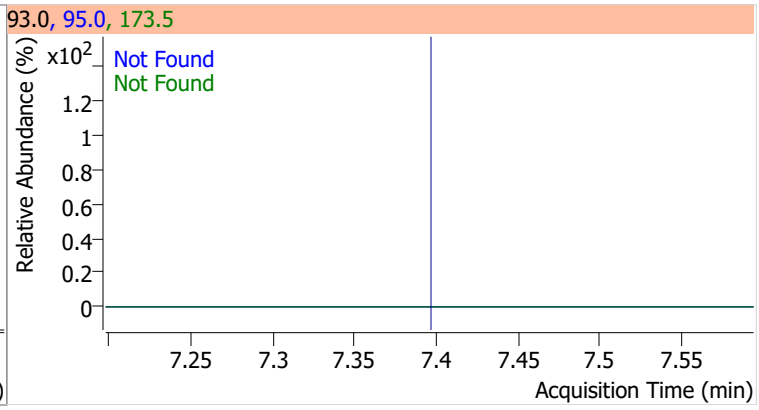
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.27	76.0	38.8



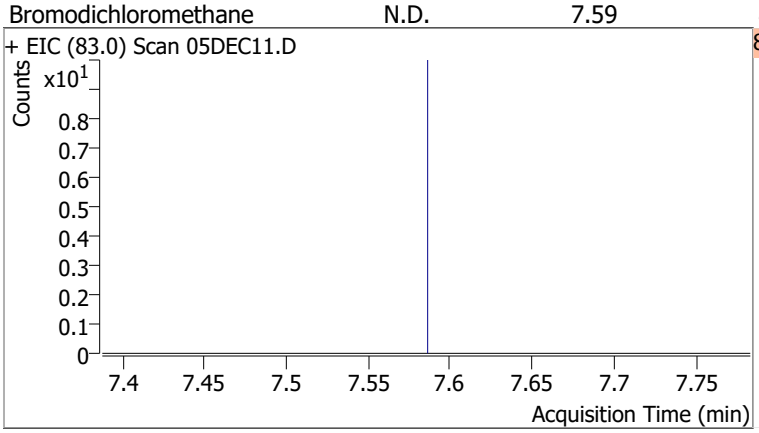


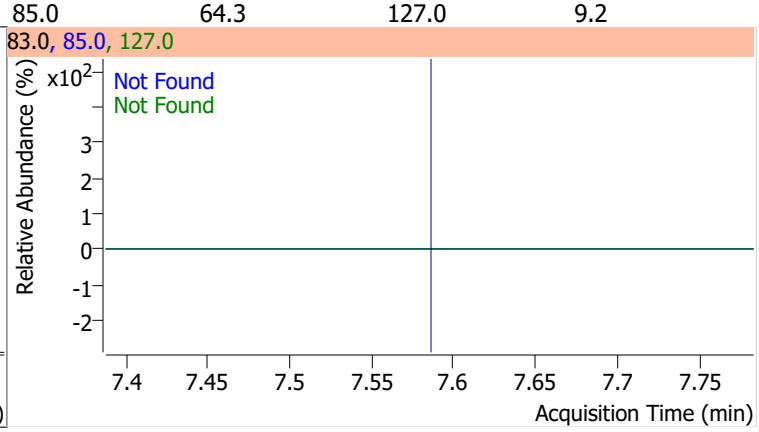
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	106.6	95.0	85.6



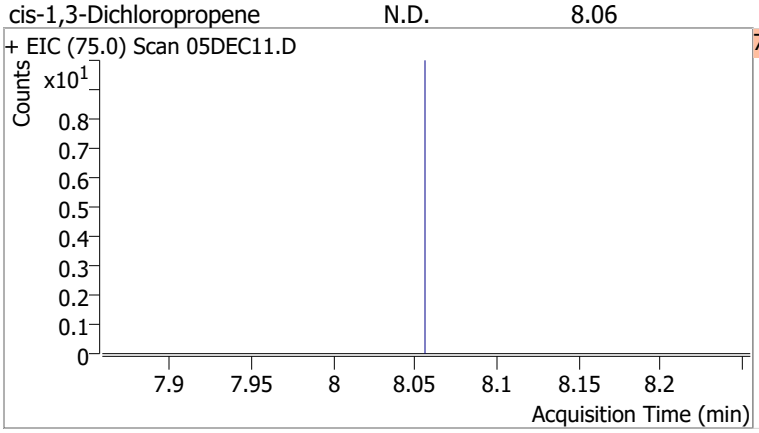


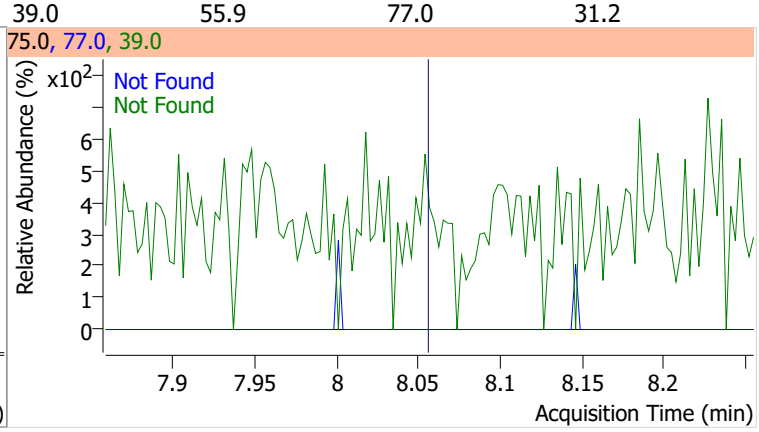
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	64.3	127.0	9.2



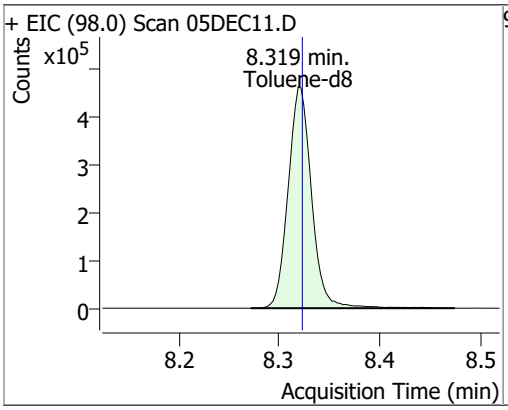


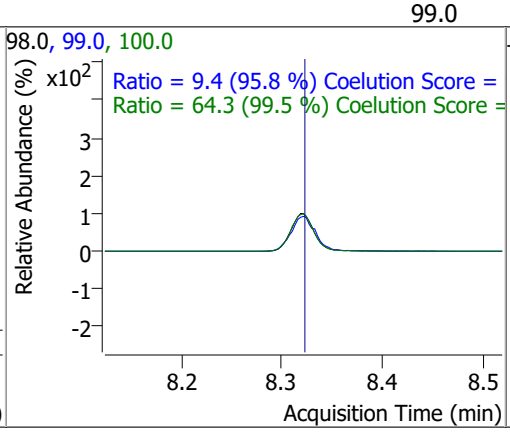
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.9	77.0	31.2

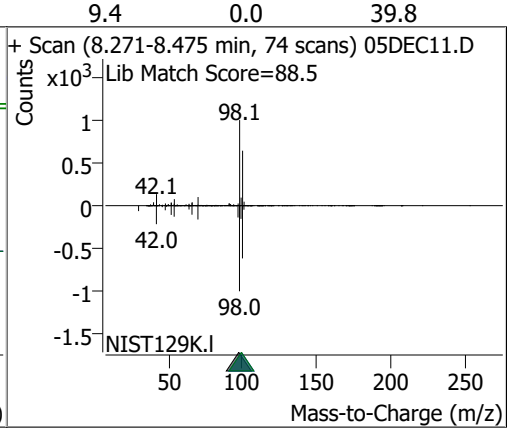




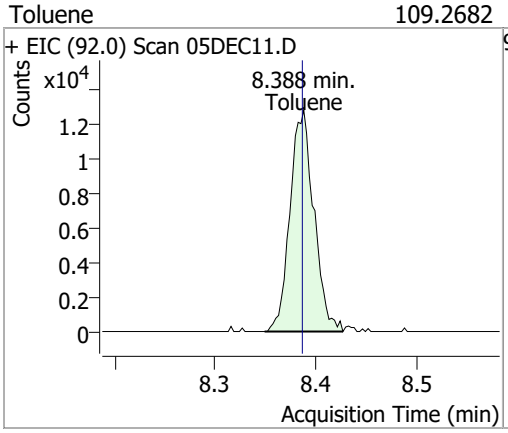
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	263.7813	8.32	0.00	754820	100.0	64.3	34.6	94.6
					99.0	9.4	0.0	39.8

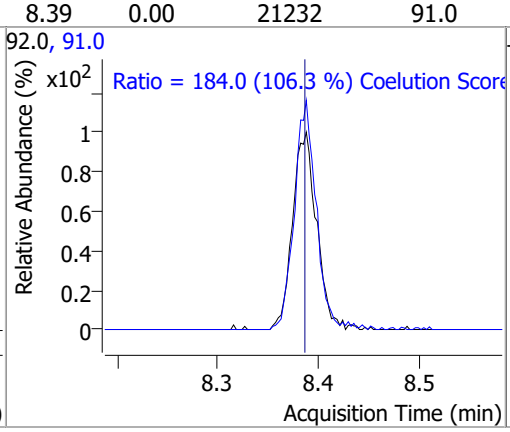


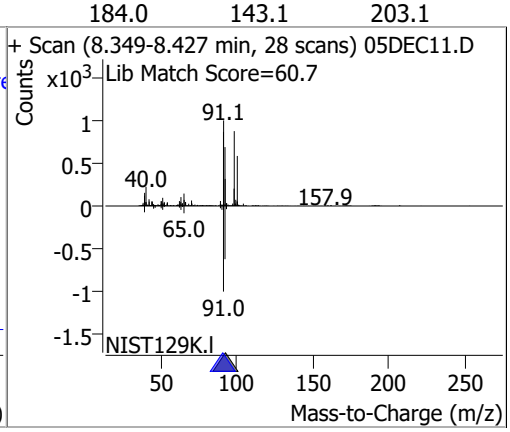




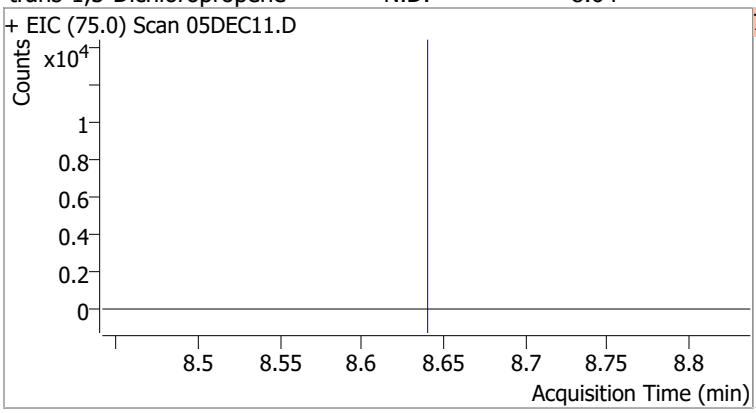
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	109.2682	8.39	0.00	21232	91.0	184.0	143.1	203.1

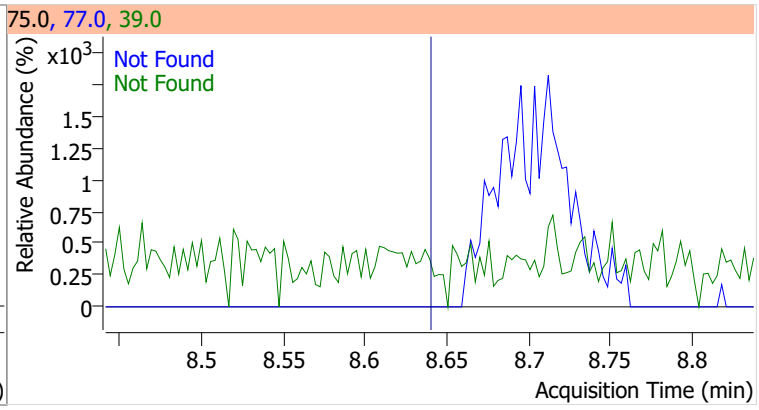




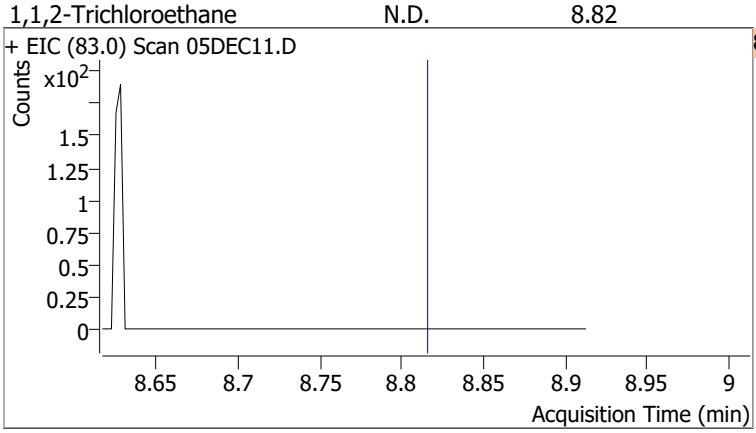


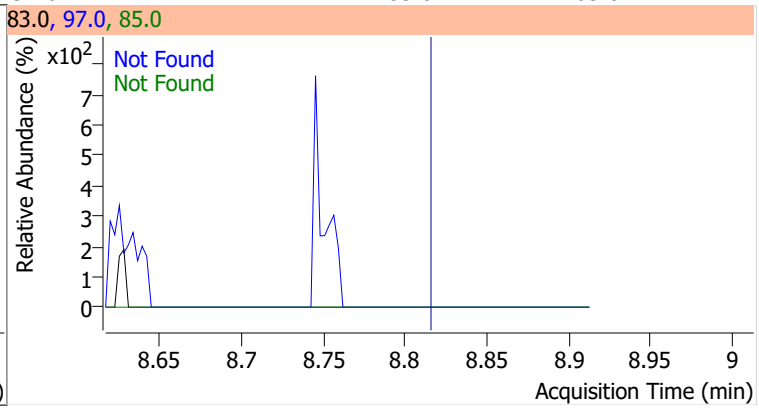
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	57.0	77.0	36.5



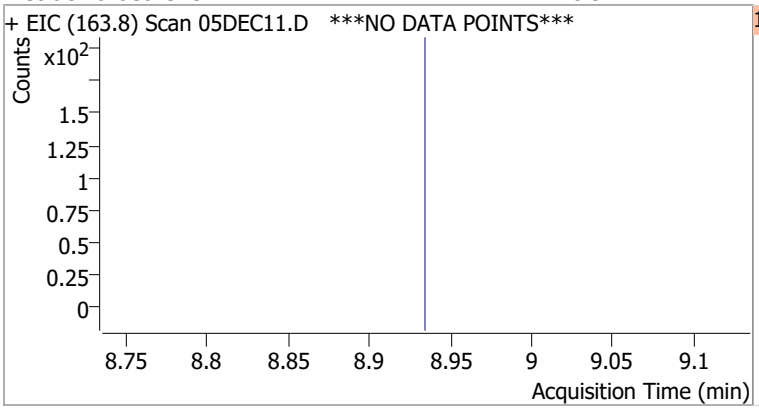


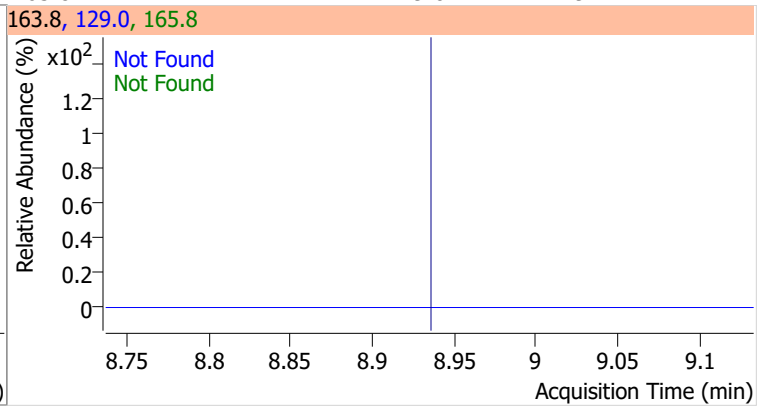
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	112.7	85.0	65.0



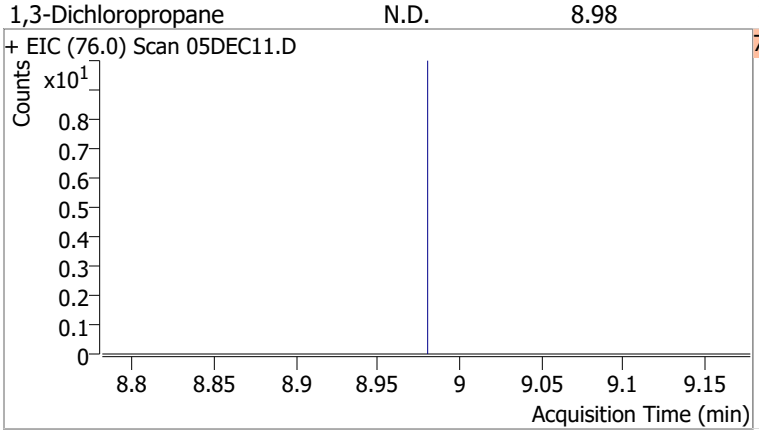


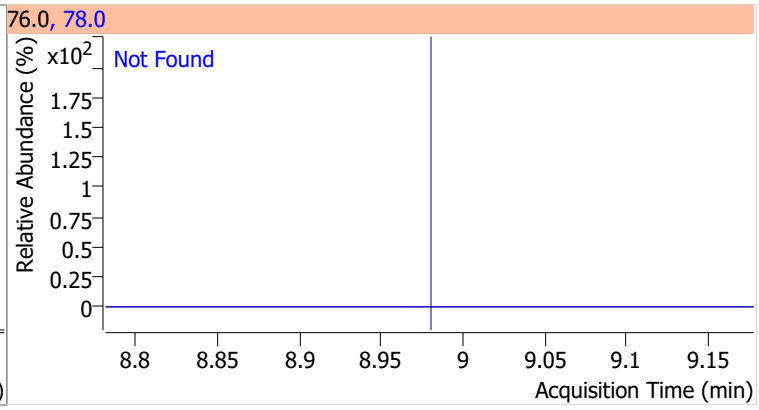
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.7	129.0	92.7



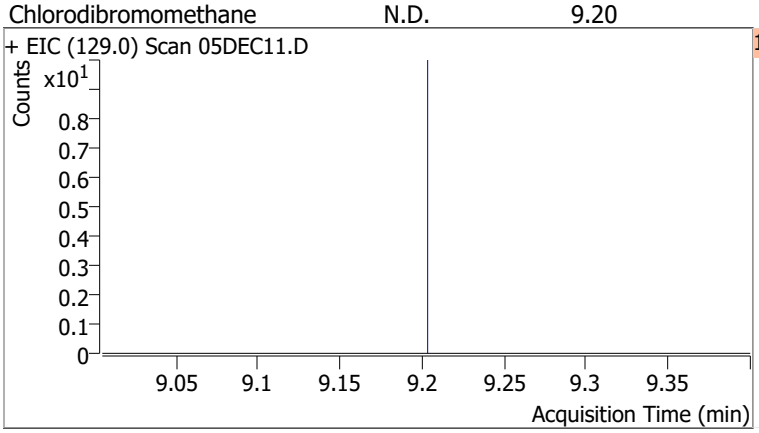


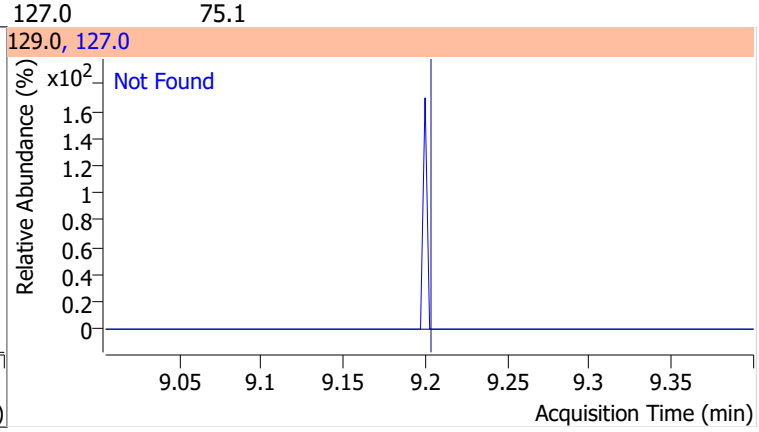
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	32.1



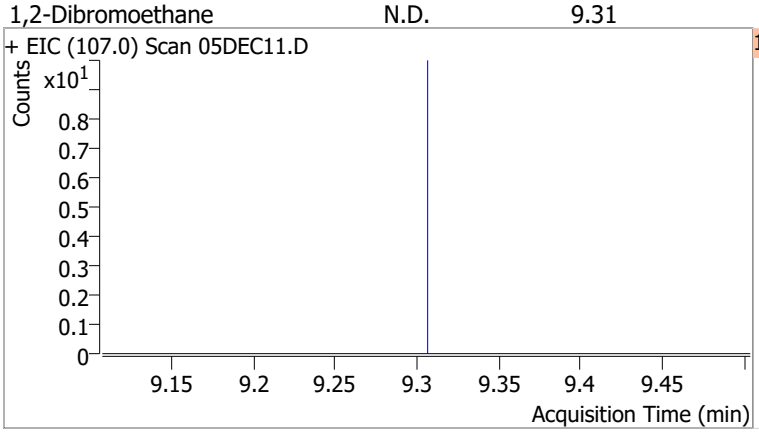


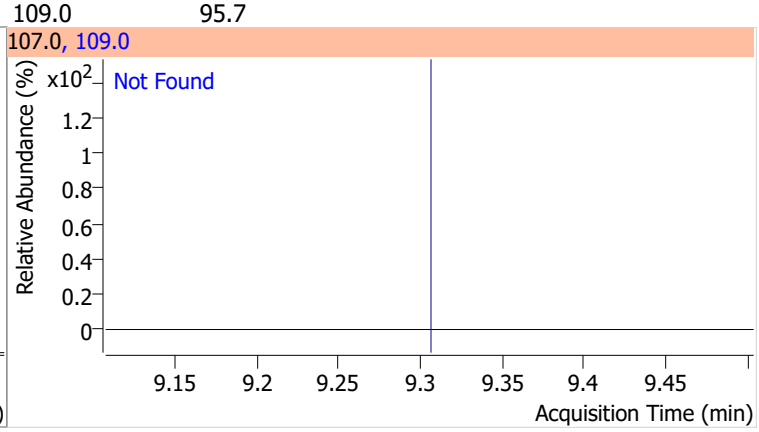
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.20	127.0	75.1



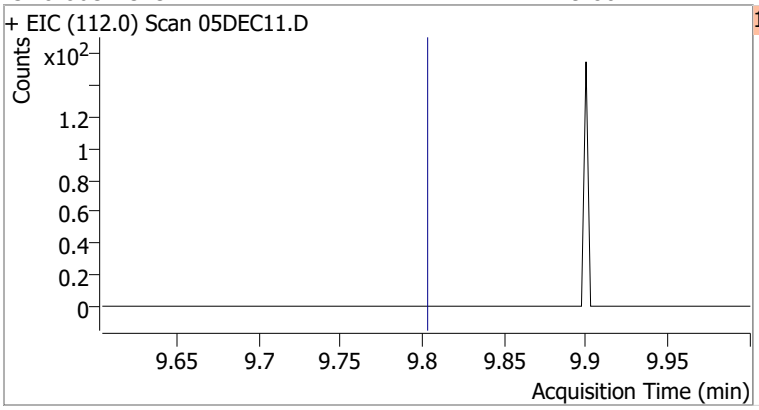


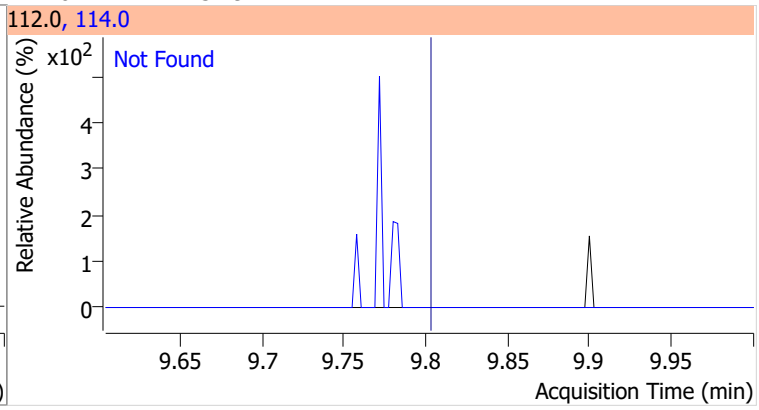
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.7



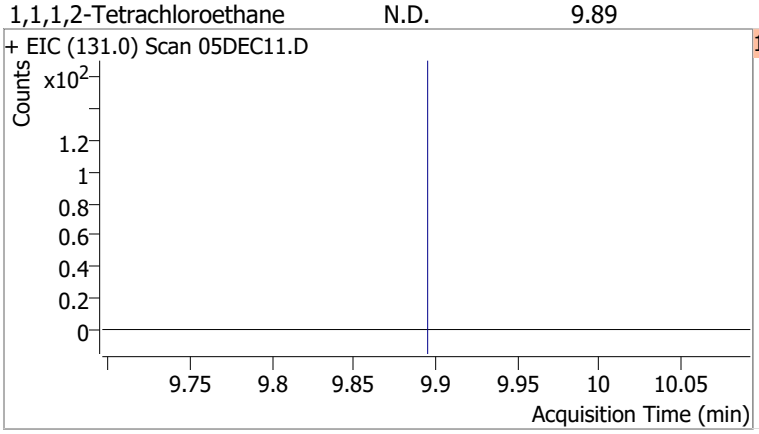


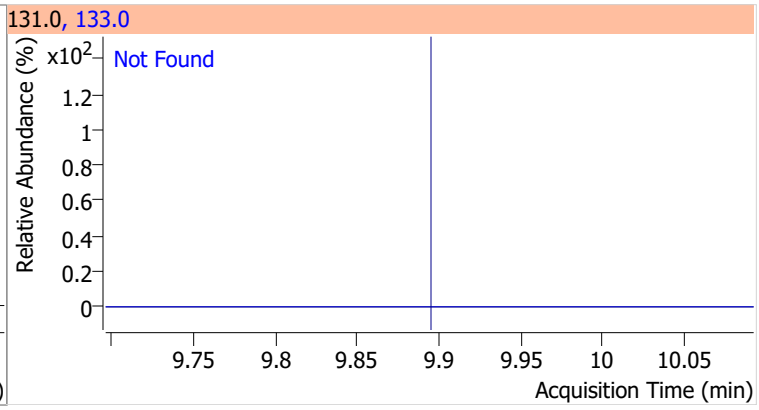
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	32.9



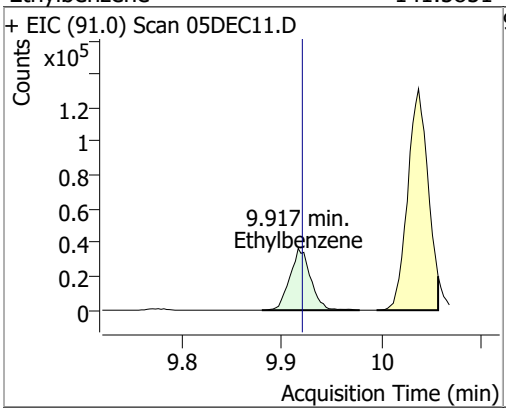


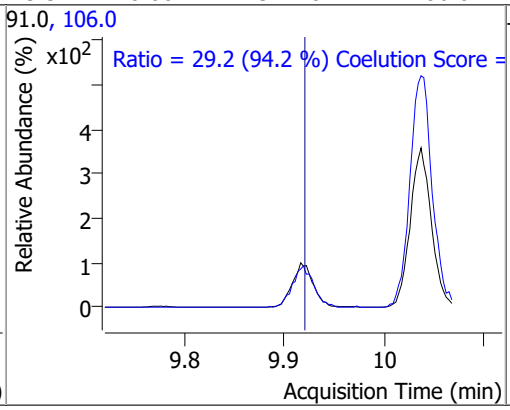
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	98.0

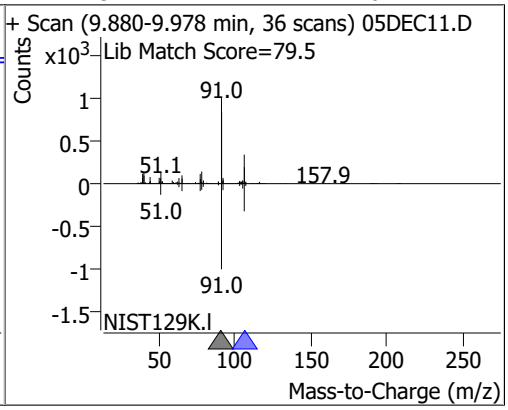




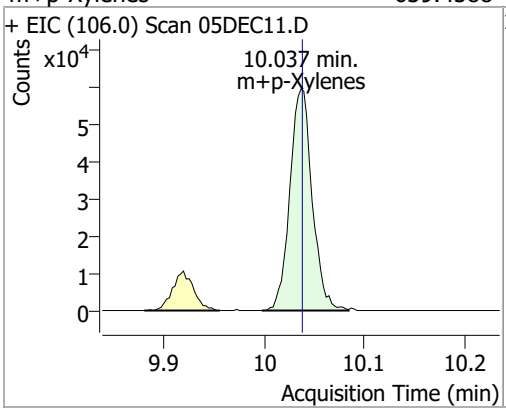
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	141.5851	9.92	0.00	52478	106.0	29.2	1.1	61.1

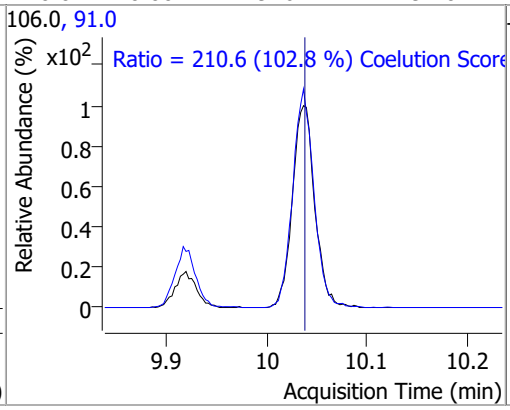


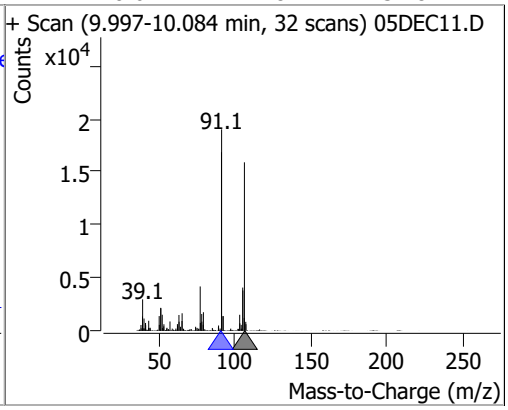




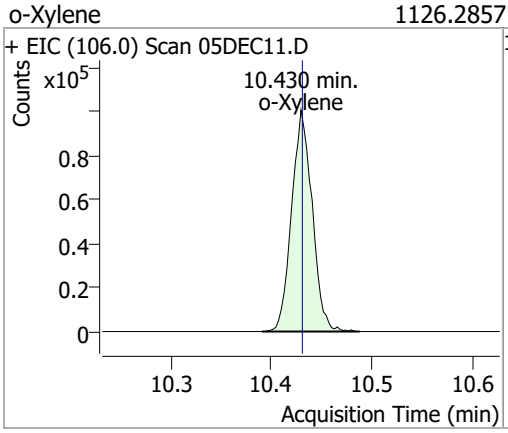
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	639.4588	10.04	0.00	91647	91.0	210.6	174.8	234.8

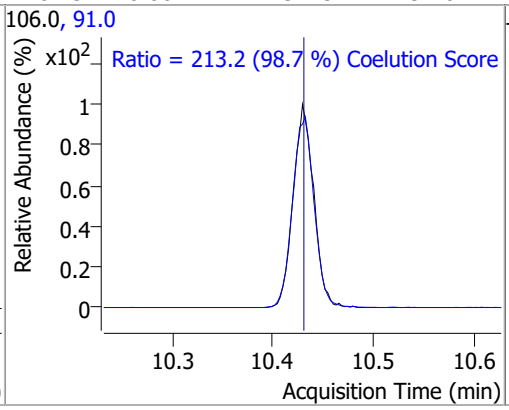


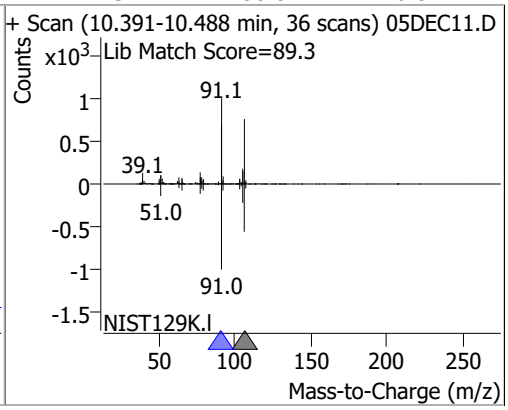




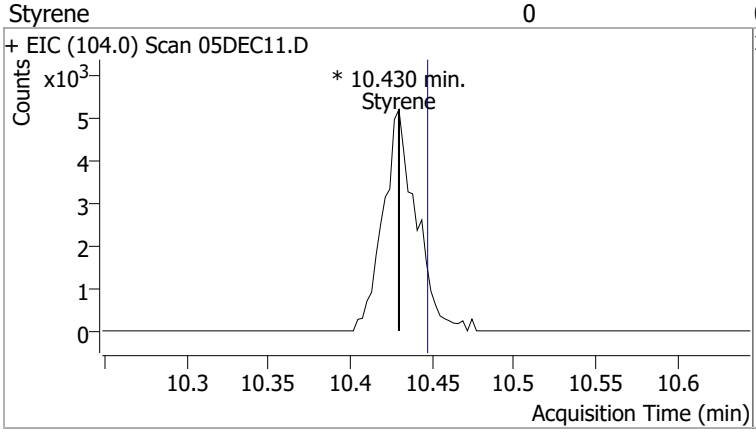
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	1126.2857	10.43	0.00	143475	91.0	213.2	186.0	246.0

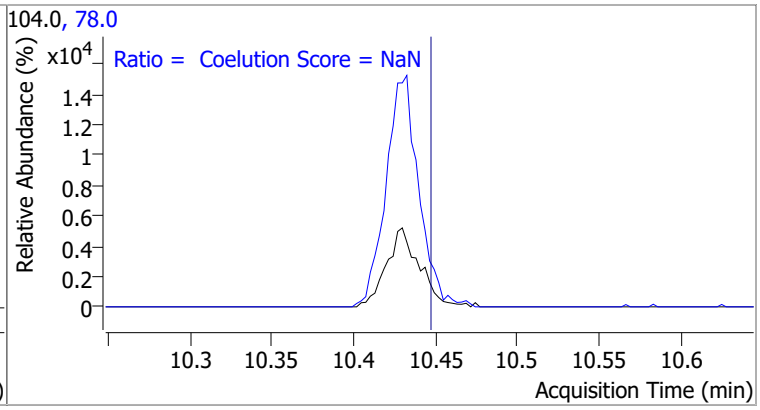




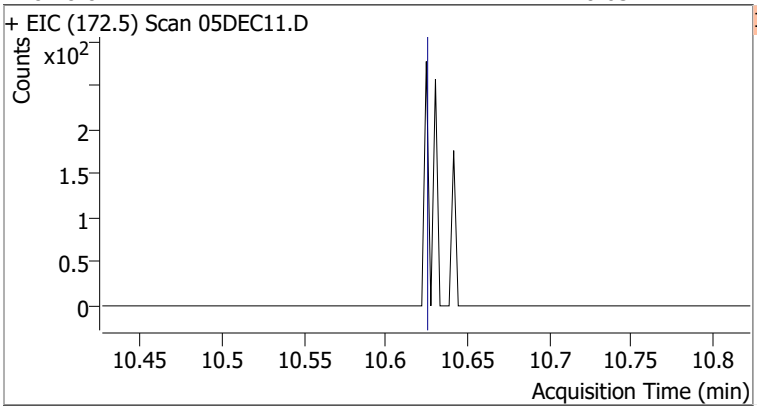


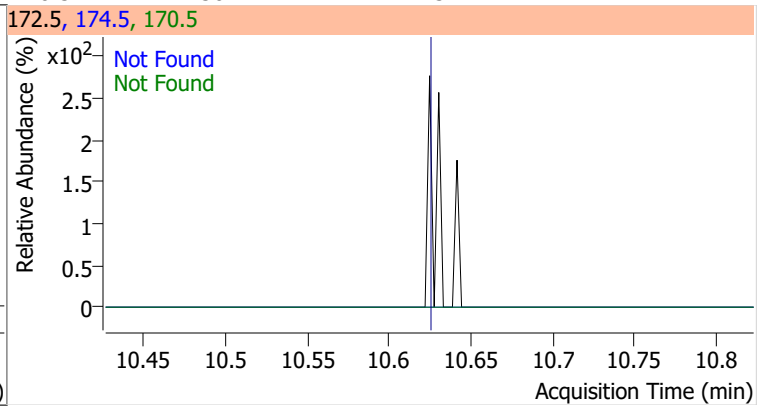
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene		0		0	78.0		20.3	80.3



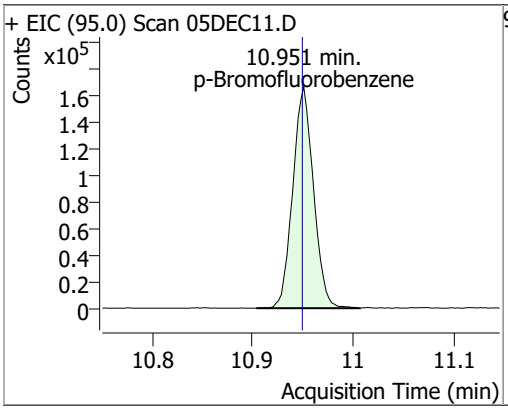


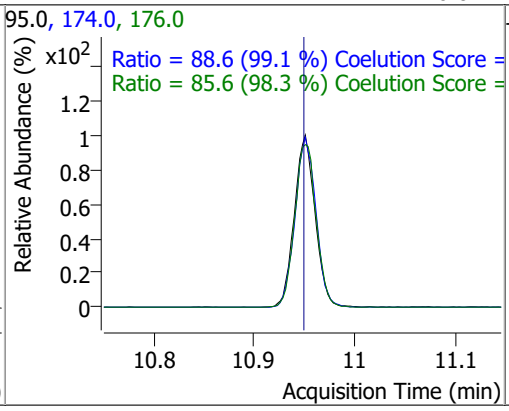
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	50.2	174.5	47.7

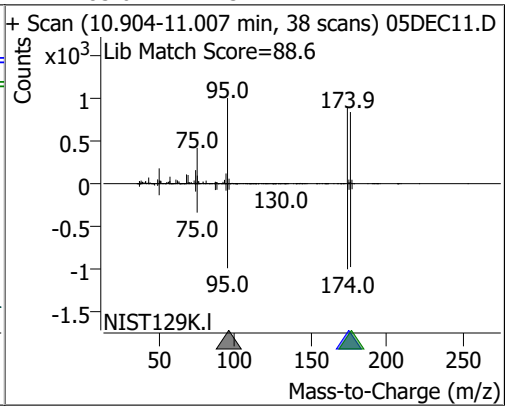




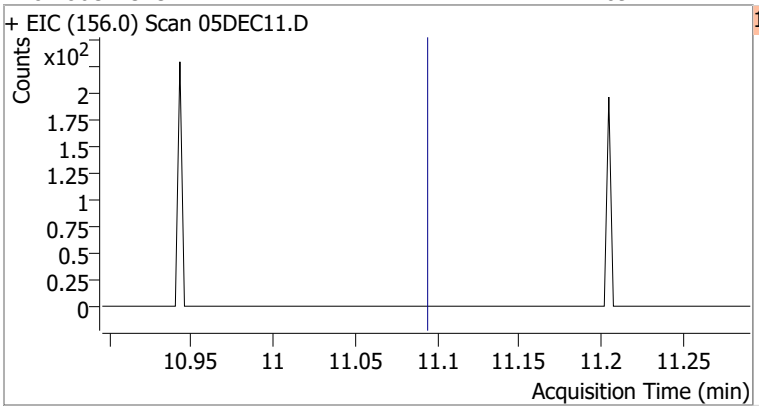
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	260.9383	10.95	0.00	238918	174.0	88.6	59.4	119.4
					176.0	85.6	57.1	117.1

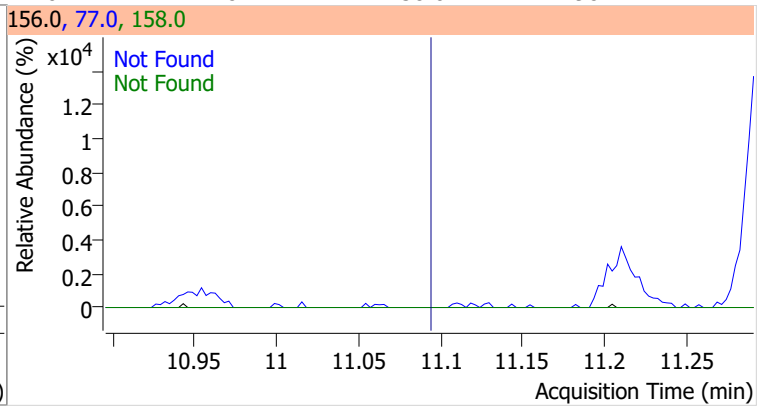




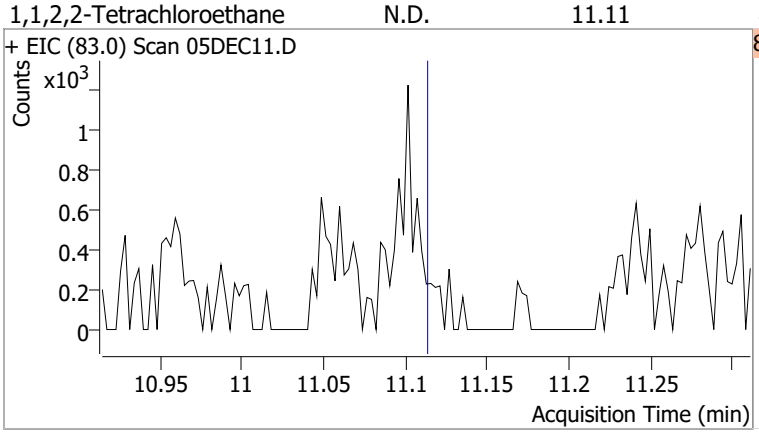


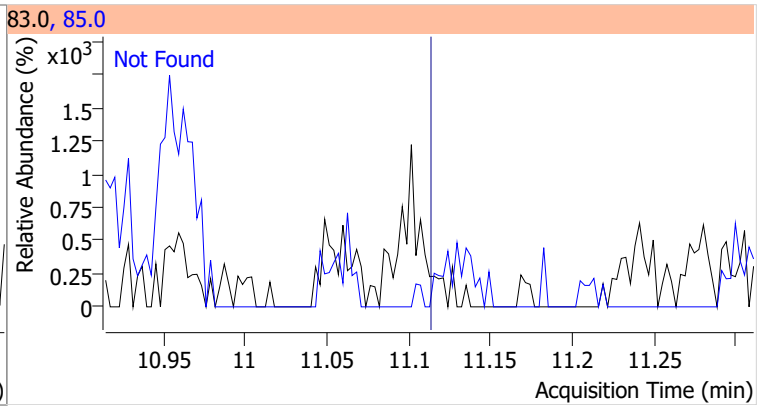
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	148.1	158.0	98.4



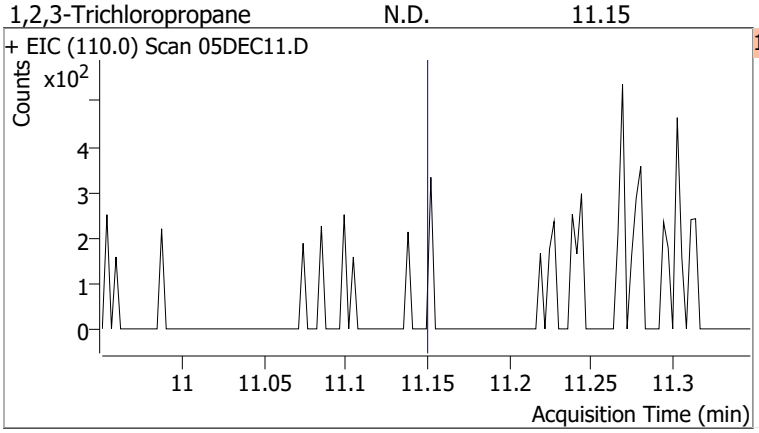


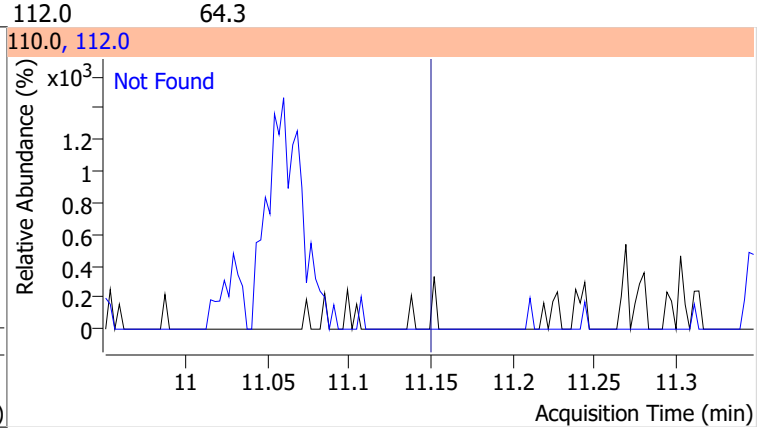
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.1



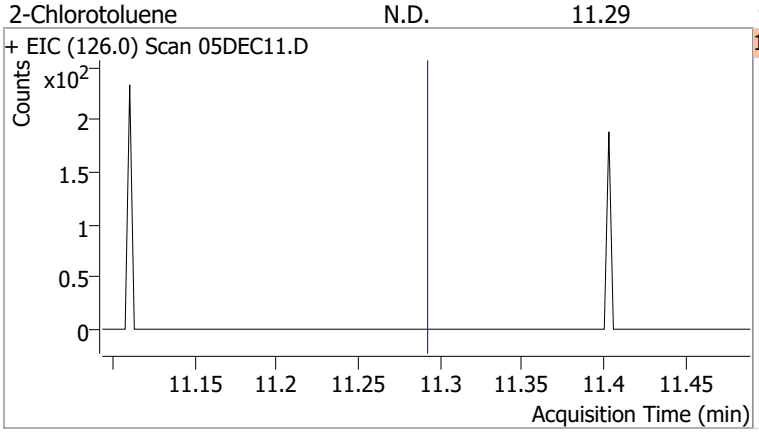


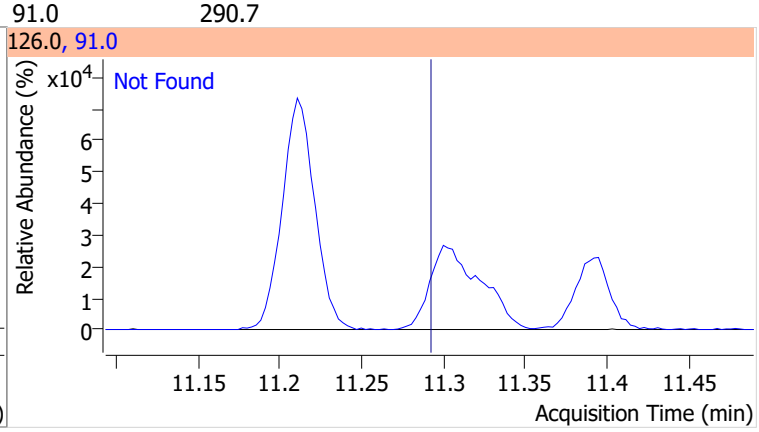
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	64.3



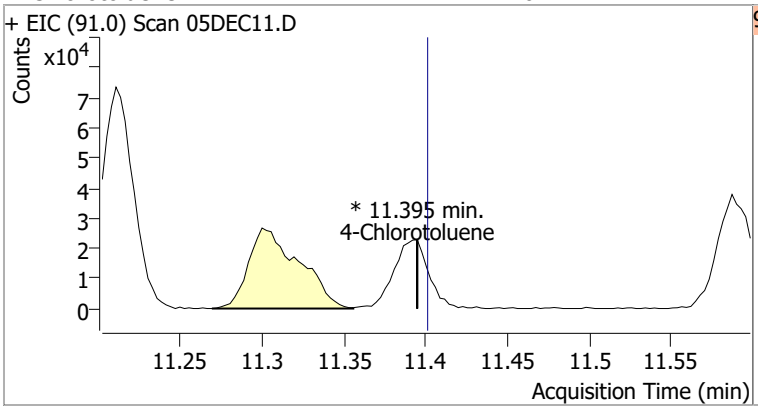


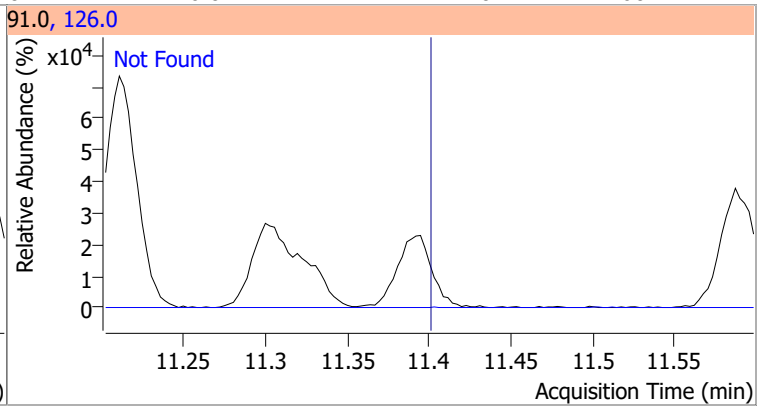
Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	290.7



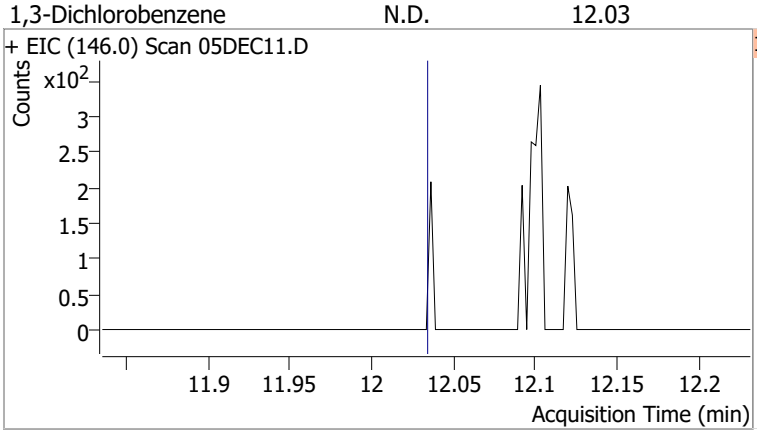


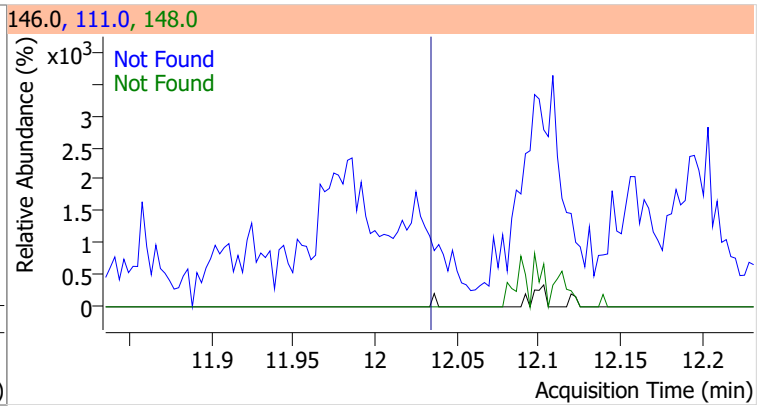
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene		0		0	126.0		0.1	60.1



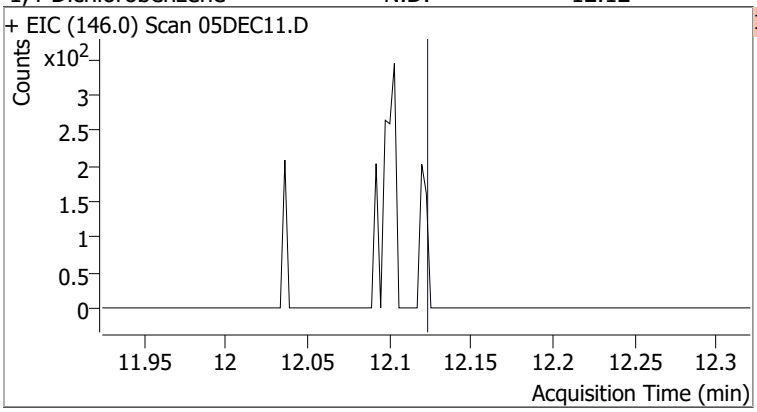


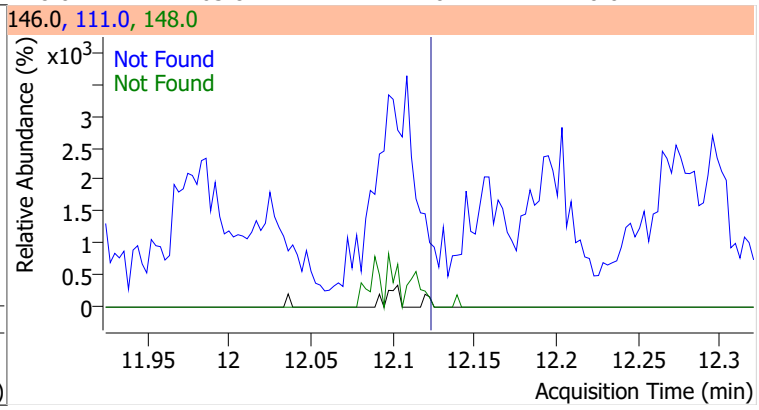
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.03	148.0	62.9	111.0	41.0



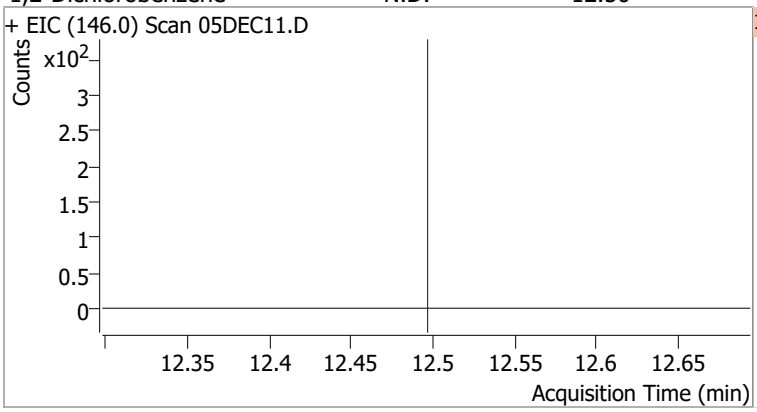


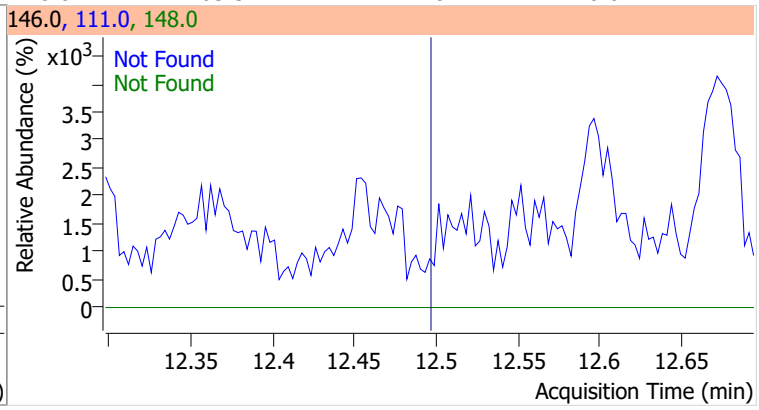
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.8	111.0	40.0





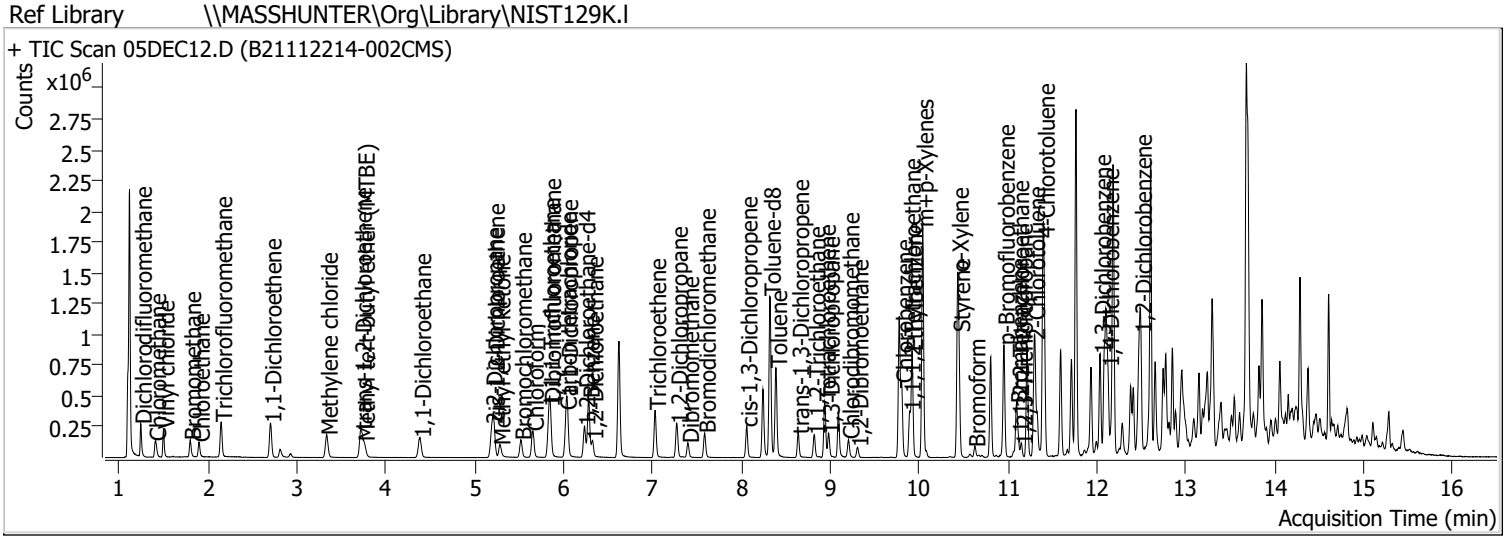
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.50	148.0	63.5	111.0	40.0





Quantitation Results Report (QT Reviewed)

Data File	05DEC12.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 4:08:32 PM
Sample Name	B21112214-002CMS	Instrument	VOA5975C
Vial	12	Multiplier	10.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	10x
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

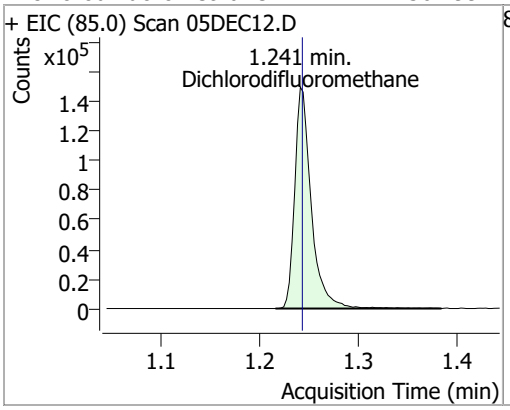


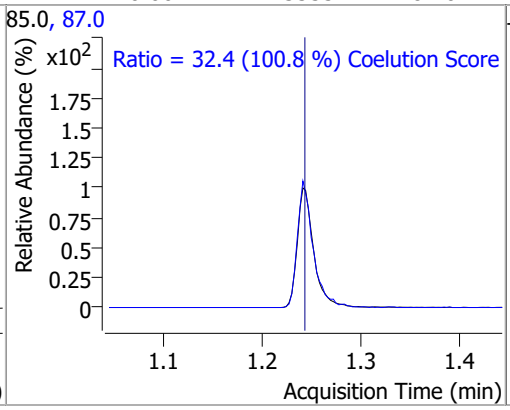
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.623	96.0	803613	250.0000	ng	0.003
M Chlorobenzene-d5	9.774	82.0	305188	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	242004	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	194590	254.2521	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 101.70%		
S 1,2-Dichloroethane-d4	6.233	67.0	89760	254.9075	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 101.96%		
S Toluene-d8	8.319	98.0	782937	259.7084	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 103.88%		
S p-Bromofluorobenzene	10.951	95.0	247006	265.9192	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.37%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.241	85.0	173555	1564.9921	ng	100
T Chloromethane	1.406	50.0	142858	1120.3364	ng	98
T Vinyl chloride	1.498	62.0	153612	1262.5769	ng	99
T Bromomethane	1.799	96.0	66824	1373.8772	ng	100
T Chloroethane	1.896	64.0	81036	1196.8976	ng	99
T Trichlorofluoromethane	2.147	101.0	193062	1213.9355	ng	96
T 1,1-Dichloroethene	2.700	96.0	97639	1149.3546	ng	99
T Methylene chloride	3.335	49.0	132100	1122.2227	ng	98
T trans-1,2-Dichloroethene	3.717	96.0	100624	1186.1619	ng	98
T Methyl tert-butyl ether (MTBE)	3.751	73.0	129040	1204.3349	ng	98
T 1,1-Dichloroethane	4.384	63.0	192708	1195.4174	ng	99
T 2,2-Dichloropropane	5.190	77.0	141150	1180.5324	ng	95
T cis-1,2-Dichloroethene	5.215	96.0	103030	1184.6392	ng	99
T Methyl ethyl ketone	5.279	43.0	140846	12603.2055	ng	98
T Bromochloromethane	5.519	128.0	38520	1159.4218	ng	96
T Chloroform	5.653	83.0	173782	1123.5021	ng	98

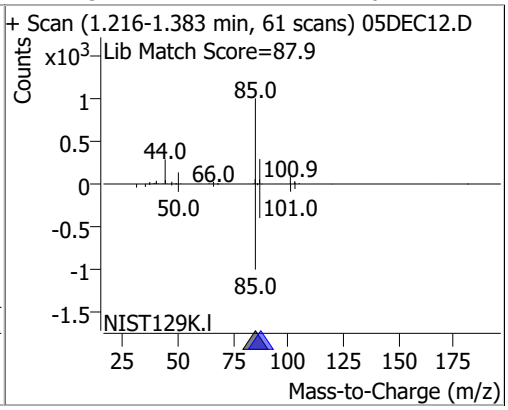
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	170605	1143.8238	ng		99
T Carbon tetrachloride	6.024	117.0	165176	1135.6009	ng		98
T 1,1-Dichloropropene	6.038	75.0	145934	1123.6378	ng		99
T Benzene	6.280	78.0	390352	1180.9704	ng		100
T 1,2-Dichloroethane	6.322	62.0	101277	1164.0157	ng		97
T Trichloroethene	7.028	95.0	113929	1151.8758	ng		97
T 1,2-Dichloropropane	7.273	63.0	98381	1196.5914	ng		97
T Dibromomethane	7.398	93.0	40777	1181.8091	ng		97
T Bromodichloromethane	7.585	83.0	113985	1169.1356	ng		100
T cis-1,3-Dichloropropene	8.057	75.0	123949	1152.9598	ng		99
T Toluene	8.388	92.0	275434	1345.4855	ng		99
T trans-1,3-Dichloropropene	8.637	75.0	90549	1181.8829	ng		96
T 1,1,2-Trichloroethane	8.821	83.0	45719	1148.4004	ng		96
T Tetrachloroethene	8.935	163.8	97668	1191.9800	ng		99
T 1,3-Dichloropropane	8.982	76.0	92507	1155.5304	ng		100
T Chlorodibromomethane	9.203	129.0	68146	1144.8068	ng		96
T 1,2-Dibromoethane	9.303	107.0	50328	1176.5164	ng		98
T Chlorobenzene	9.802	112.0	266833	1199.5973	ng		99
T 1,1,1,2-Tetrachloroethane	9.891	131.0	88941	1140.2470	ng		99
T Ethylbenzene	9.919	91.0	538485	1379.0258	ng		99
T m+p-Xylenes	10.036	106.0	472198	3127.3540	ng		100
T o-Xylene	10.432	106.0	320046	2384.7523	ng		99
T Styrene	10.446	104.0	281682	1306.4273	ng		89
T Bromoform	10.622	172.5	37478	1237.3319	ng		98
T Bromobenzene	11.093	156.0	102481	1242.8053	ng		99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	58778	1208.4512	ng		98
T 1,2,3-Trichloropropane	11.152	110.0	14760	1144.6016	ng		99
T 2-Chlorotoluene	11.291	126.0	106998	1321.2387	ng	#	72
T 4-Chlorotoluene	11.400	91.0	398312	1449.8949	ng		96
T 1,3-Dichlorobenzene	12.033	146.0	191572	1292.9789	ng		98
T 1,4-Dichlorobenzene	12.122	146.0	187257	1227.4598	ng		98
T 1,2-Dichlorobenzene	12.493	146.0	155176	1262.1064	ng		98

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

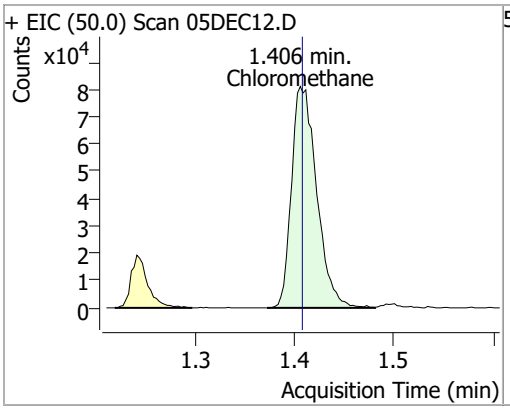
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	1564.9921	1.24	0.00	173555	87.0	32.4	2.1	62.1

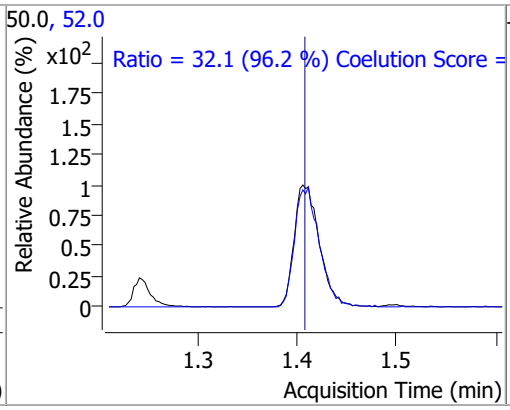


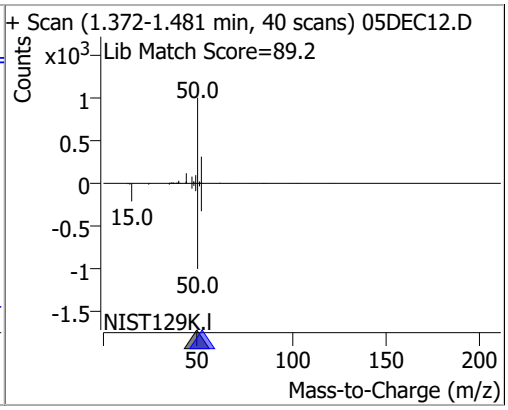




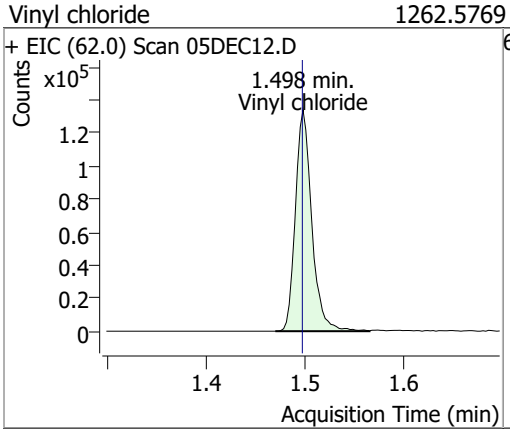
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1120.3364	1.41	0.00	142858	52.0	32.1	3.4	63.4

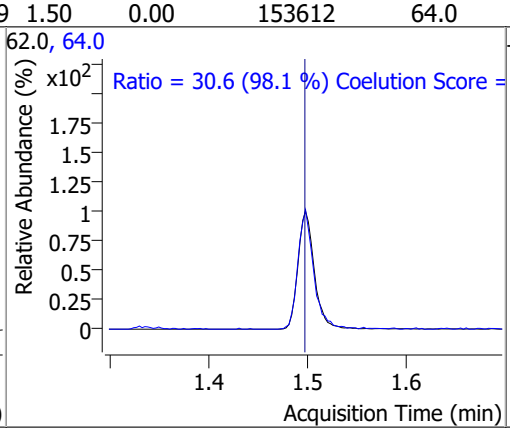


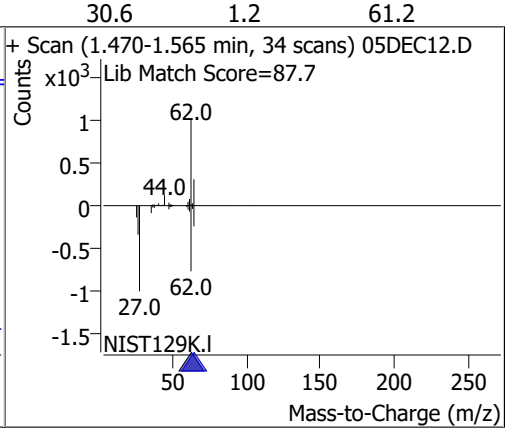




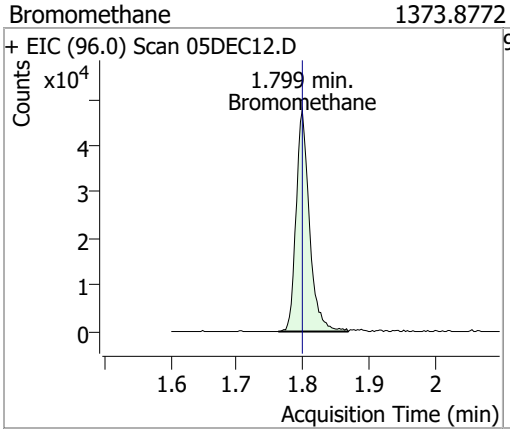
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	1262.5769	1.50	0.00	153612	64.0	30.6	1.2	61.2

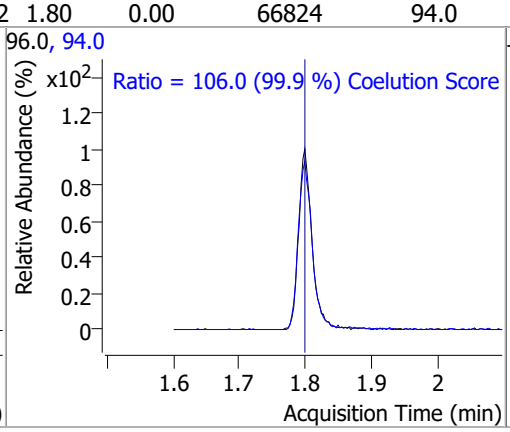


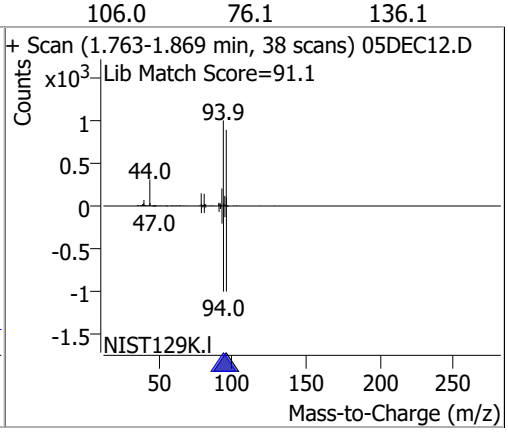




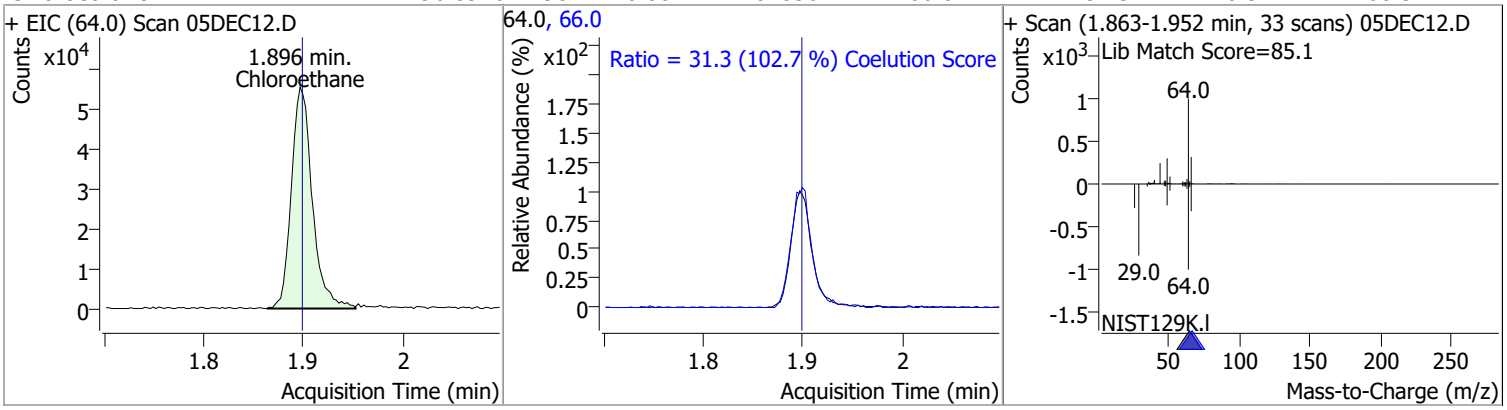
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	1373.8772	1.80	0.00	66824	94.0	106.0	76.1	136.1



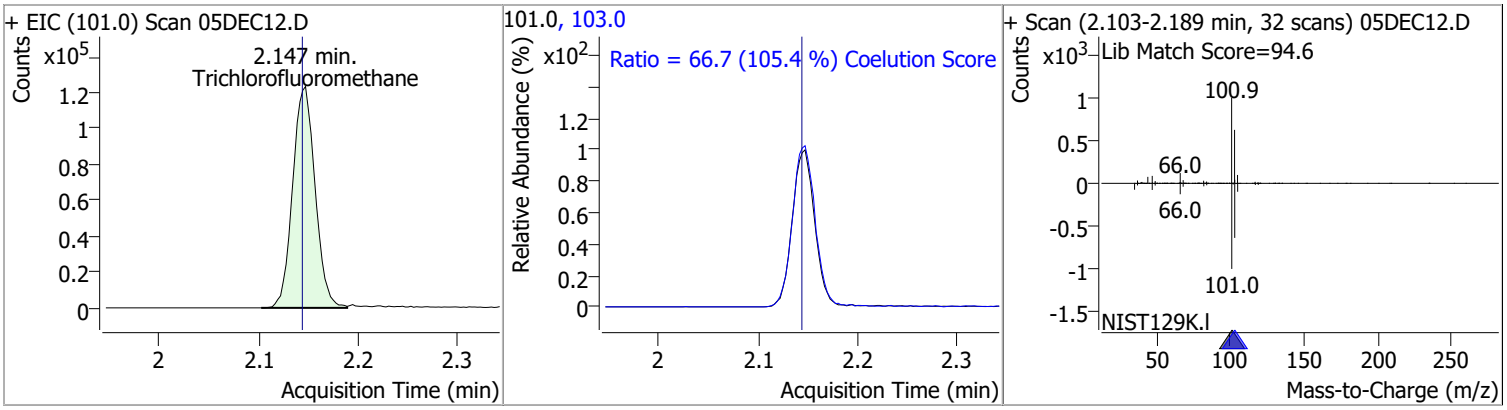




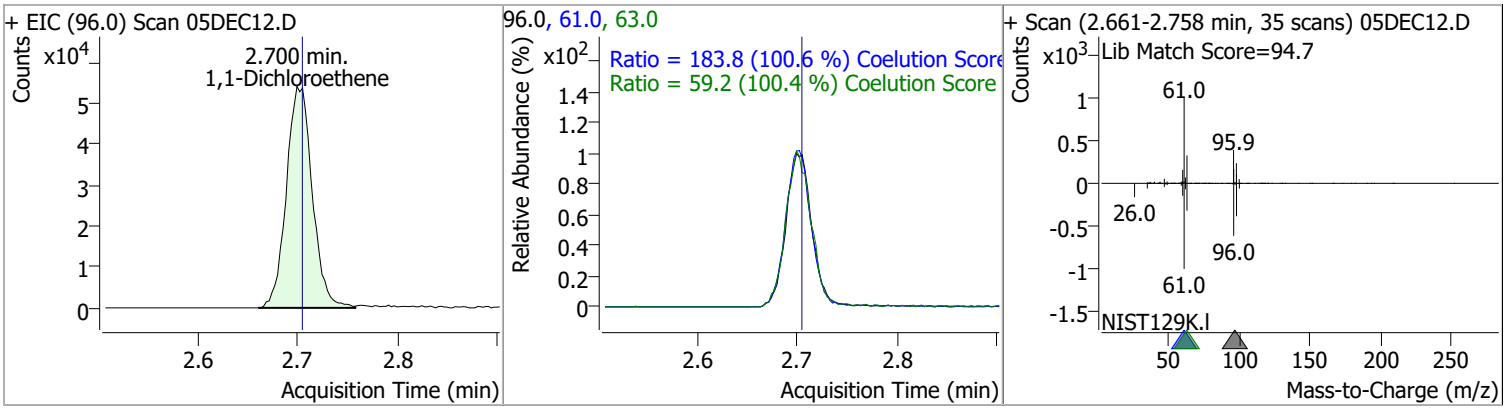
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	1196.8976	1.90	0.00	81036	66.0	31.3	0.5	60.5



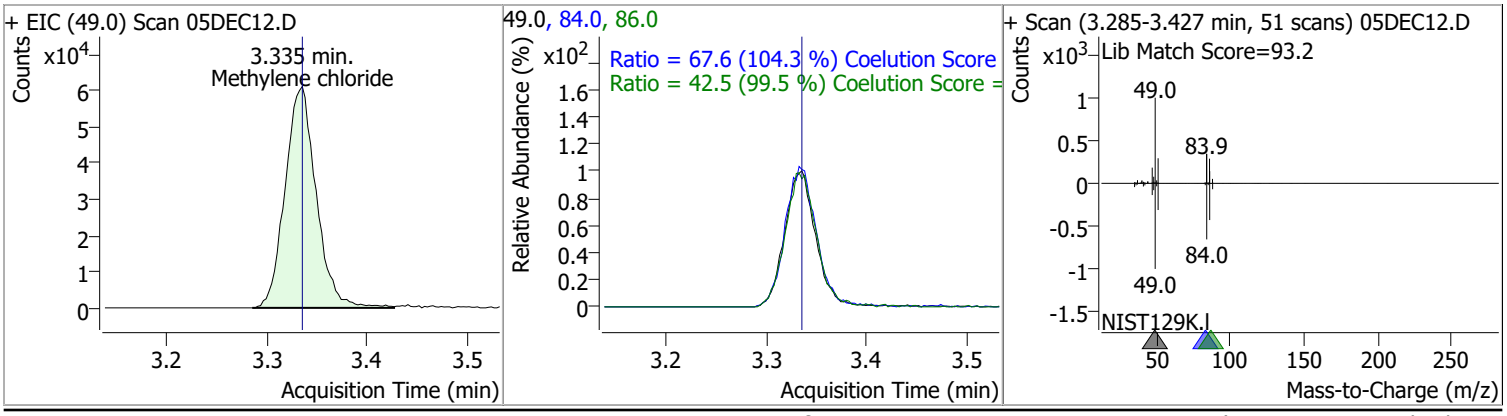
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	1213.9355	2.15	0.01	193062	103.0	66.7	33.3	93.3



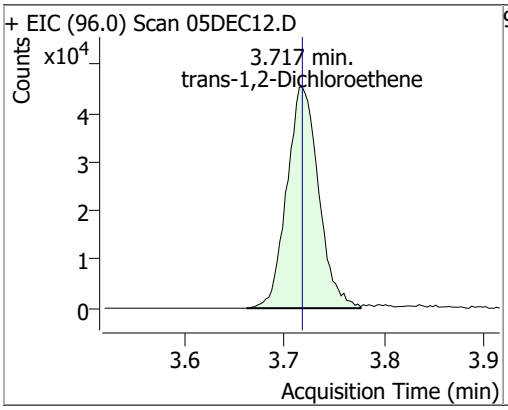
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	1149.3546	2.70	0.00	97639	61.0	183.8	152.6	212.6
					63.0	59.2	28.9	88.9

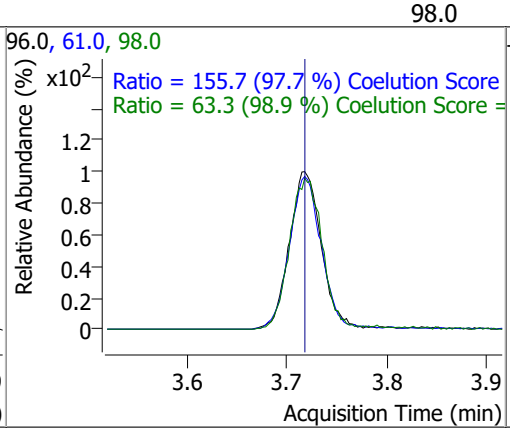


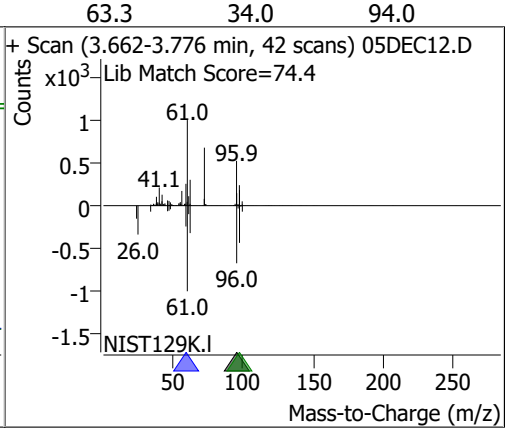
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1122.2227	3.34	0.00	132100	84.0	67.6	34.8	94.8
					86.0	42.5	12.7	72.7



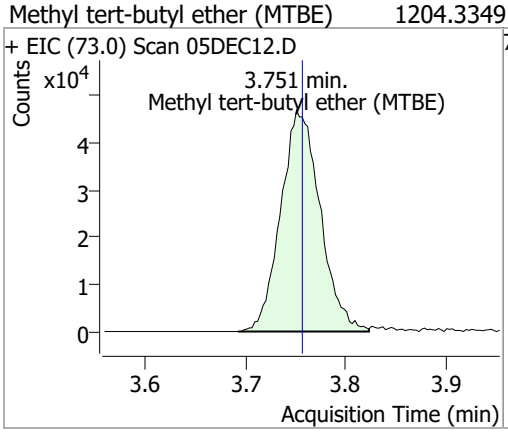
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	1186.1619	3.72	0.00	100624	61.0	155.7	129.4	189.4
					98.0	63.3	34.0	94.0

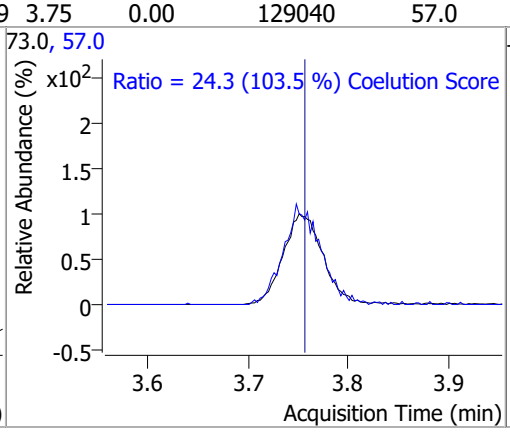


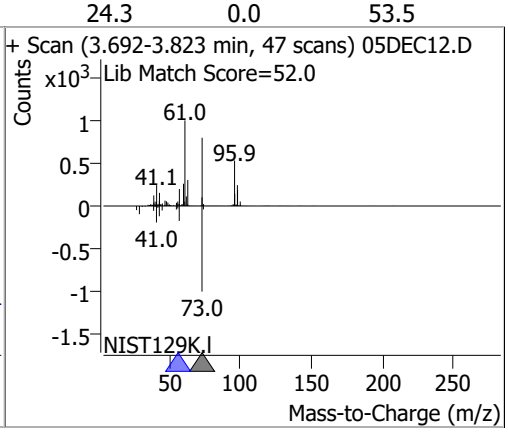




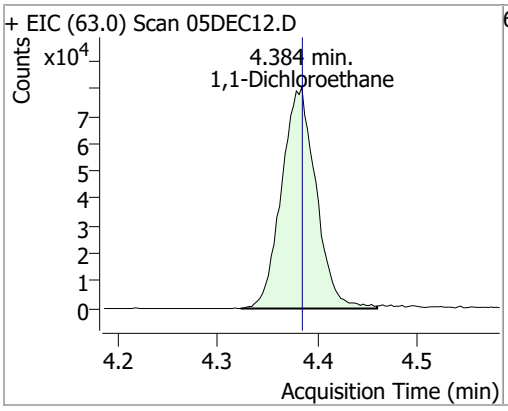
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	1204.3349	3.75	0.00	129040	57.0	24.3	0.0	53.5

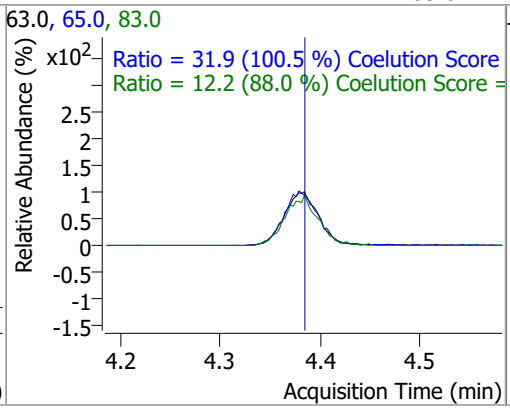


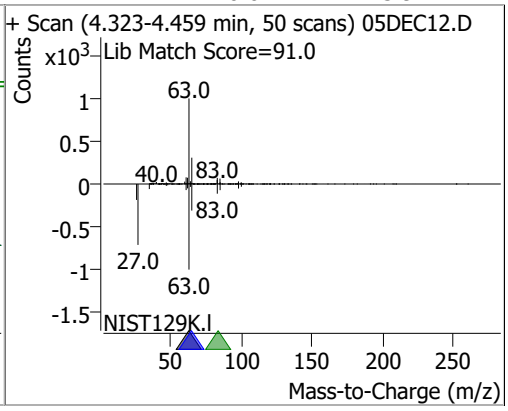




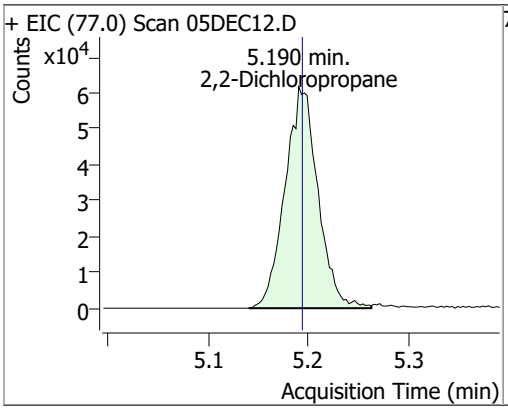
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	1195.4174	4.38	0.00	192708	65.0	31.9	1.7	61.7
					83.0	12.2	0.0	43.9

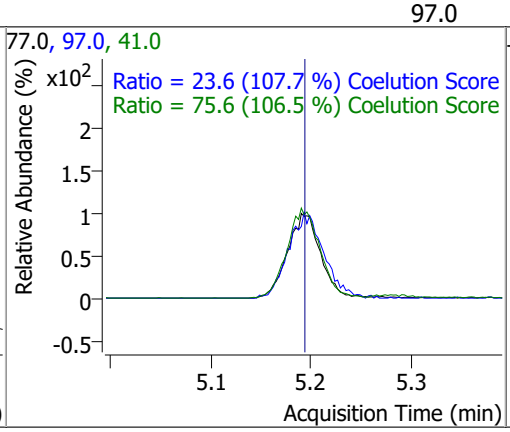


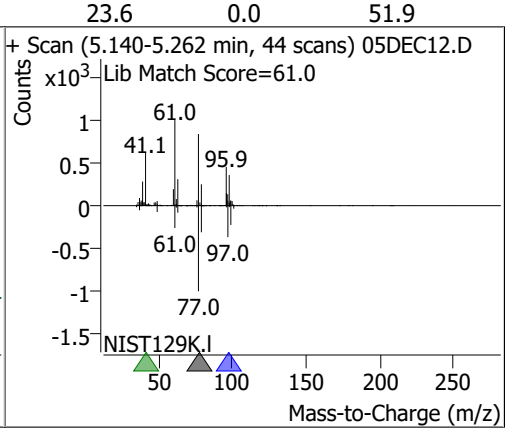




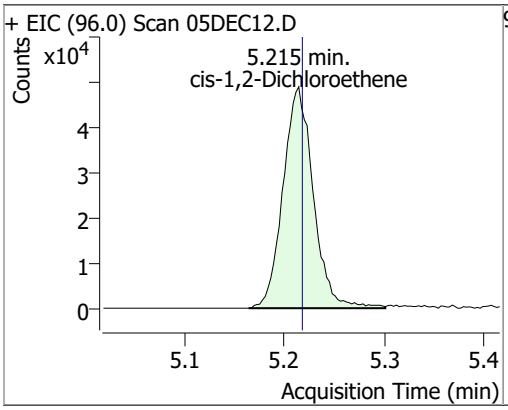
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	1180.5324	5.19	0.00	141150	41.0	75.6	41.0	101.0
					97.0	23.6	0.0	51.9

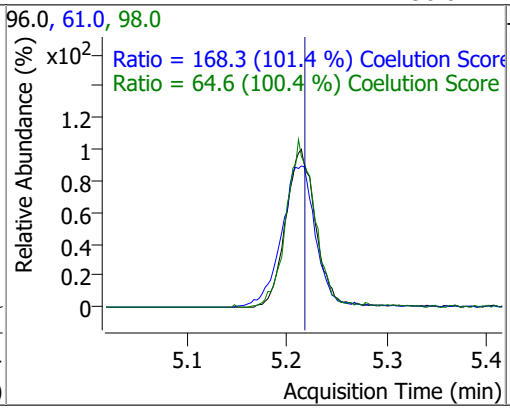


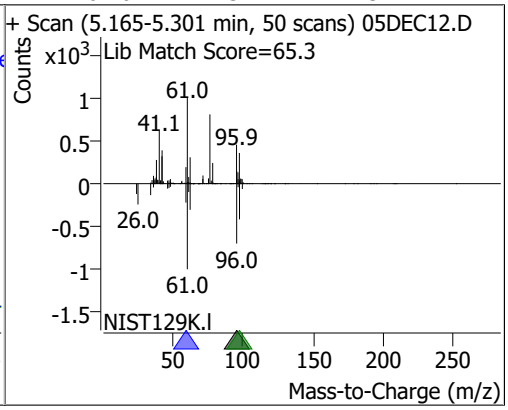




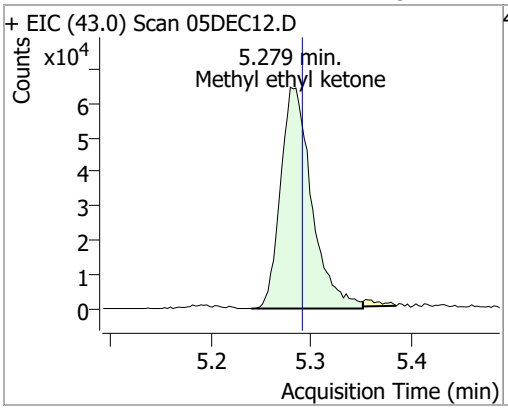
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	1184.6392	5.21	0.00	103030	61.0	168.3	135.9	195.9
					98.0	64.6	34.4	94.4

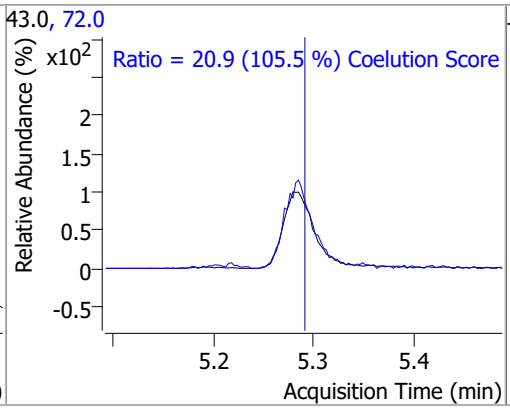


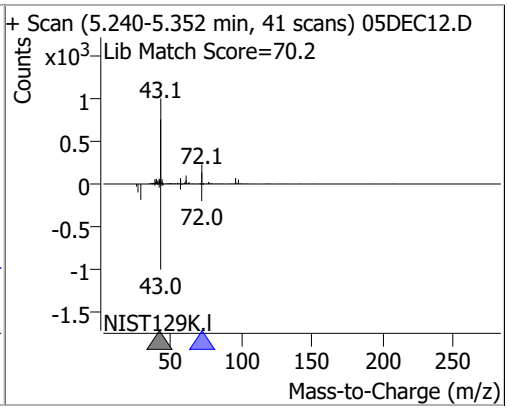




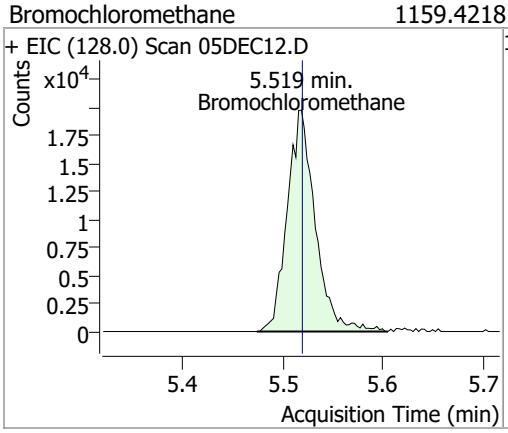
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	12603.2055	5.28	-0.01	140846	72.0	20.9	0.0	49.8

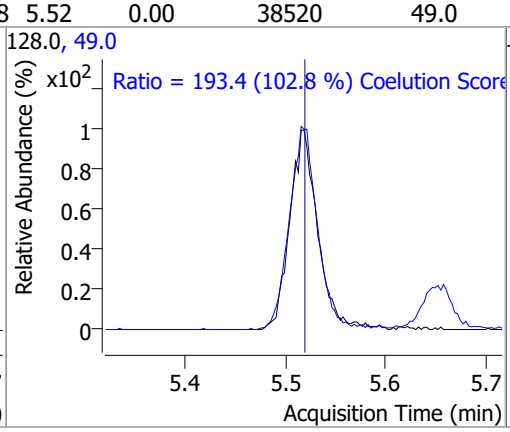


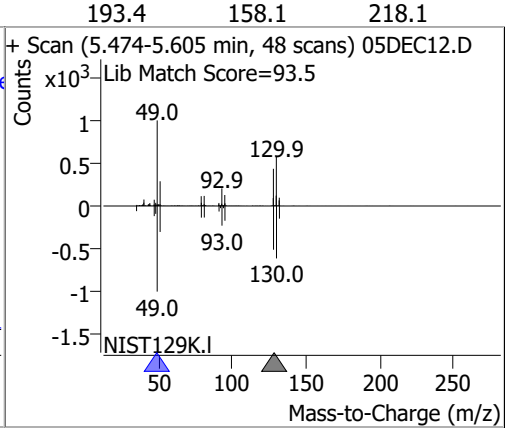




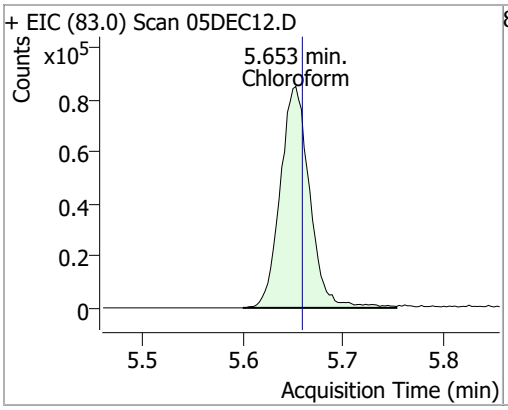
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	1159.4218	5.52	0.00	38520	49.0	193.4	158.1	218.1

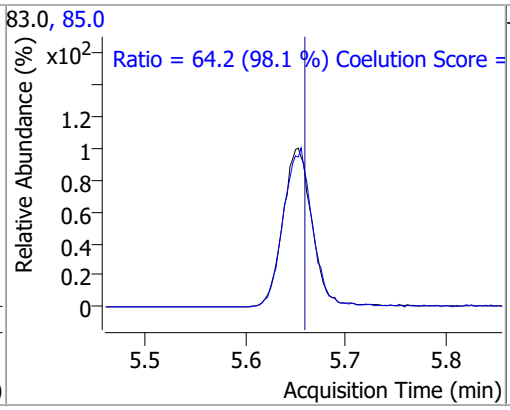


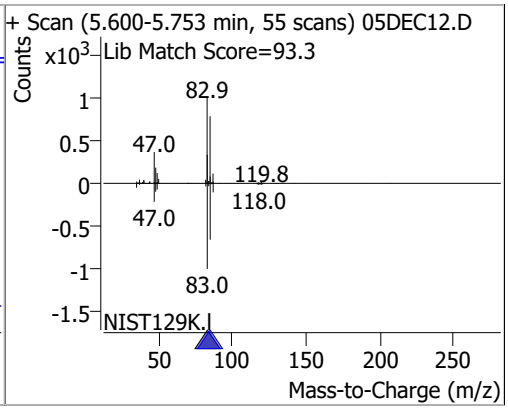




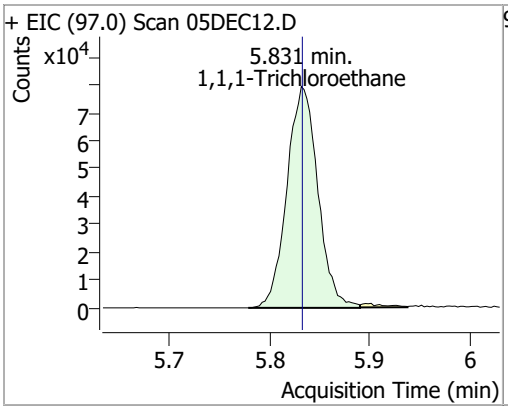
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	1123.5021	5.65	0.00	173782	85.0	64.2	35.5	95.5

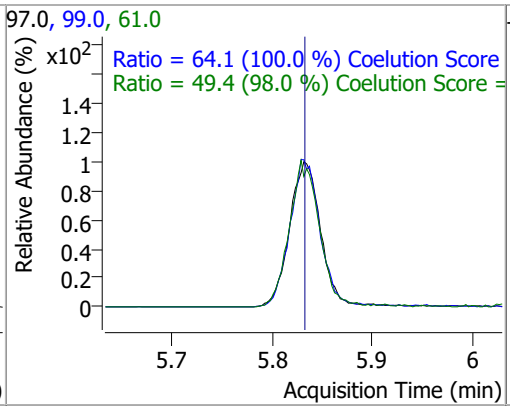


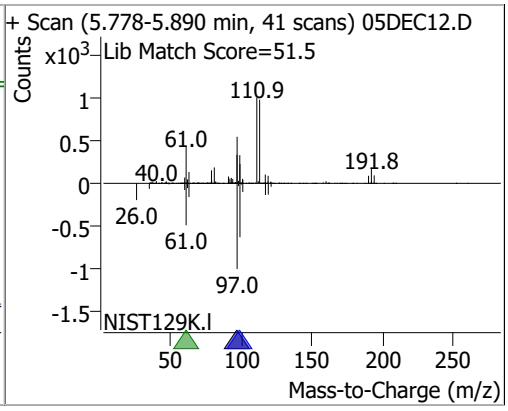




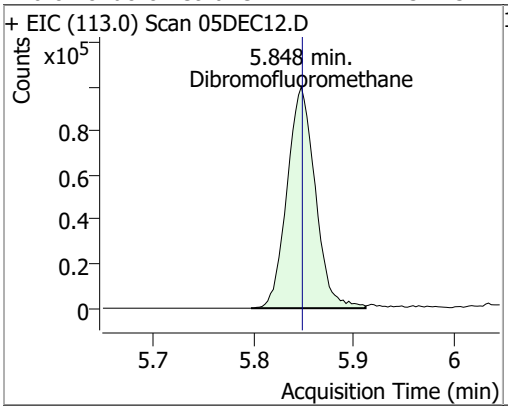
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	1143.8238	5.83	0.00	170605	99.0	64.1	34.0	94.0
					61.0	49.4	20.4	80.4

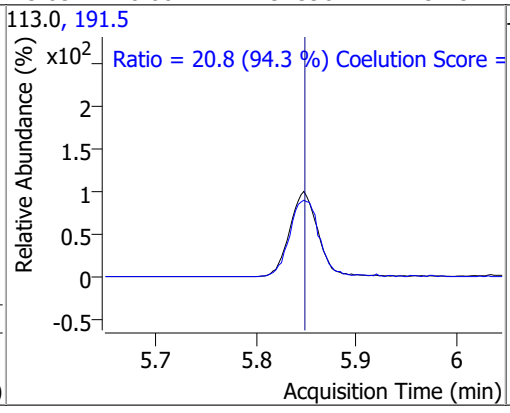


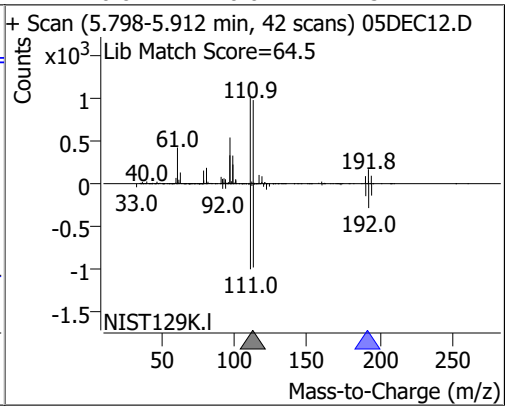




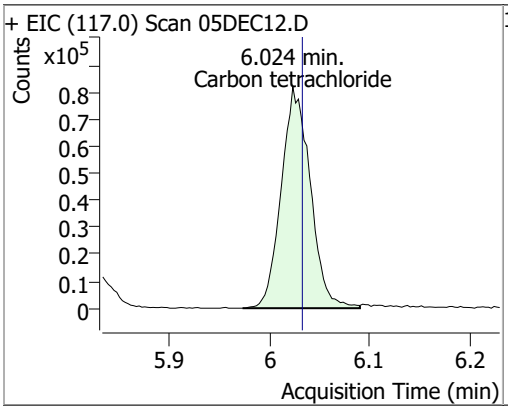
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	254.2521	5.85	0.00	194590	191.5	20.8	0.0	52.1

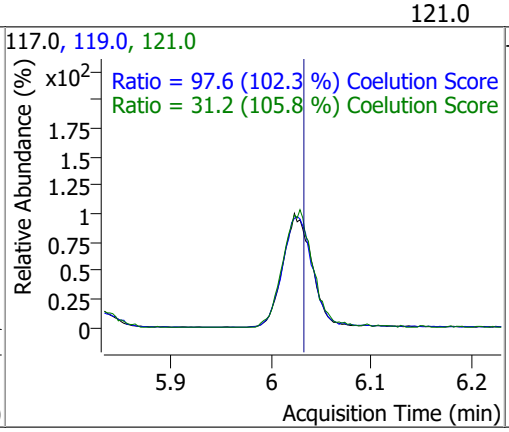


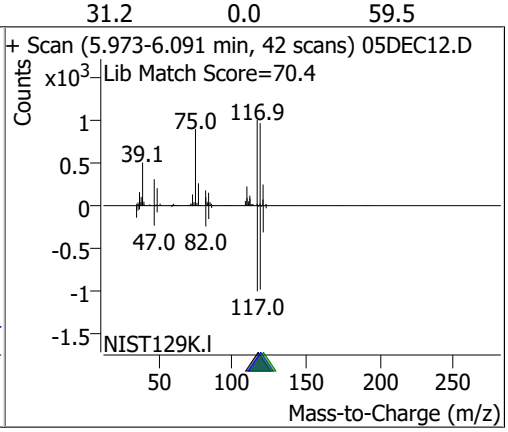




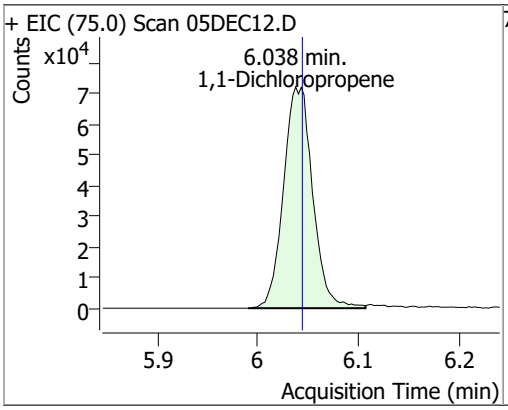
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	1135.6009	6.02	-0.01	165176	119.0	97.6	65.4	125.4
					121.0	31.2	0.0	59.5

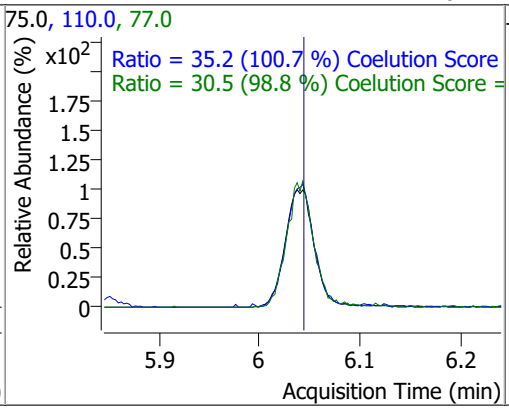


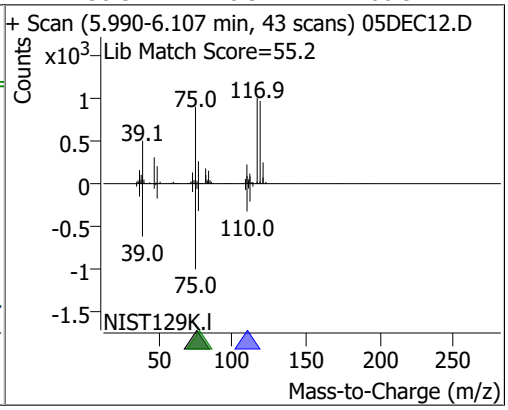




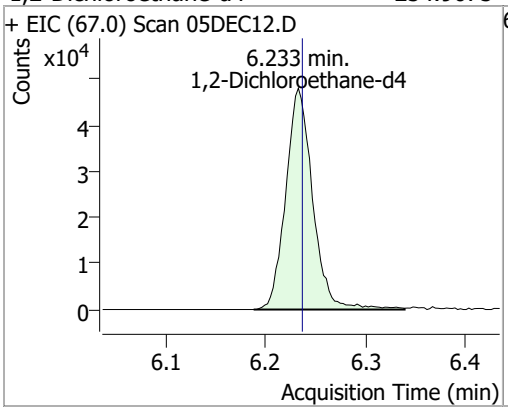
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	1123.6378	6.04	0.00	145934	110.0	35.2	5.0	65.0
					77.0	30.5	0.9	60.9

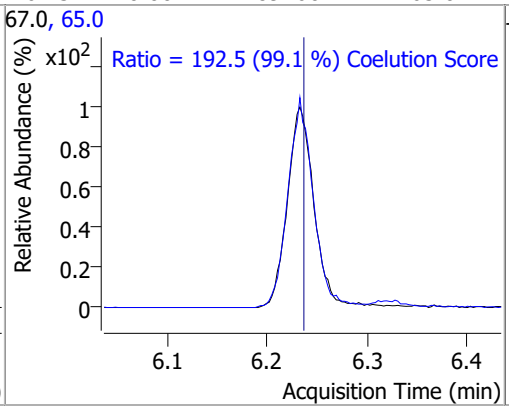


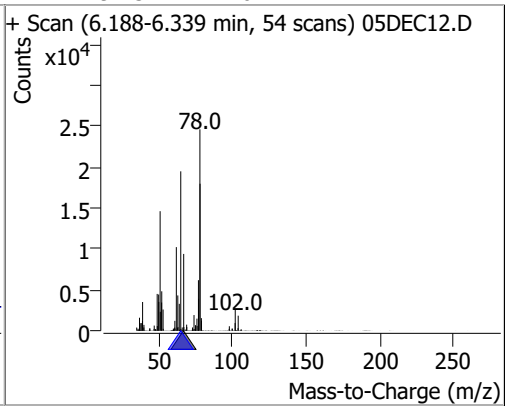




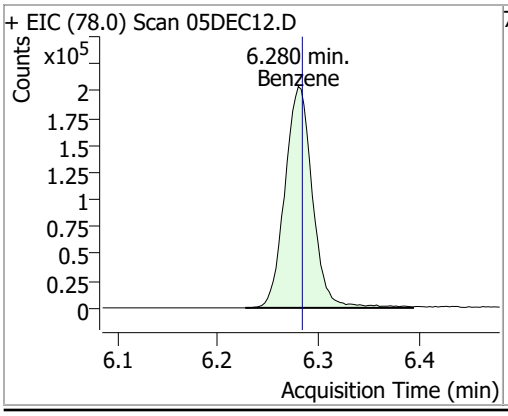
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	254.9075	6.23	0.00	89760	65.0	192.5	164.2	224.2

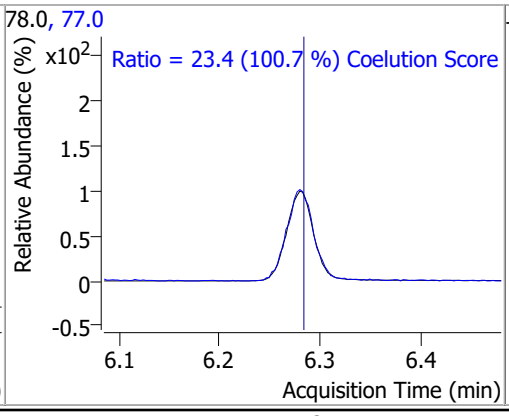


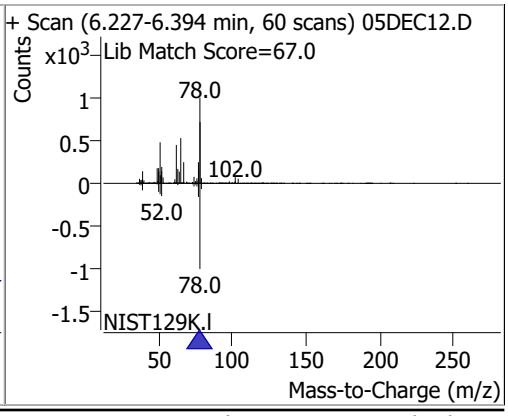




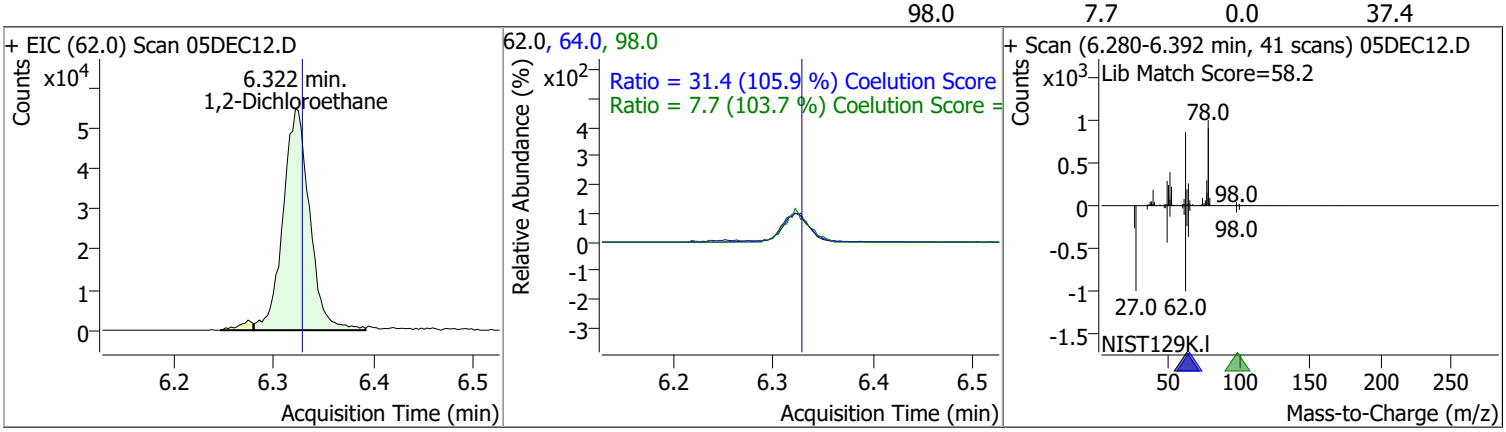
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	1180.9704	6.28	0.00	390352	77.0	23.4	0.0	53.3



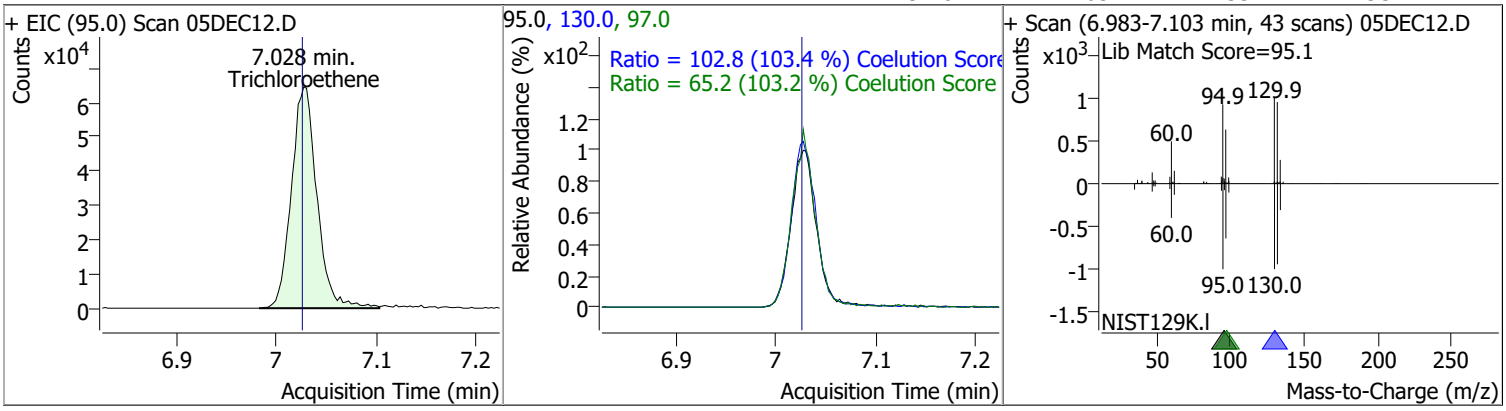




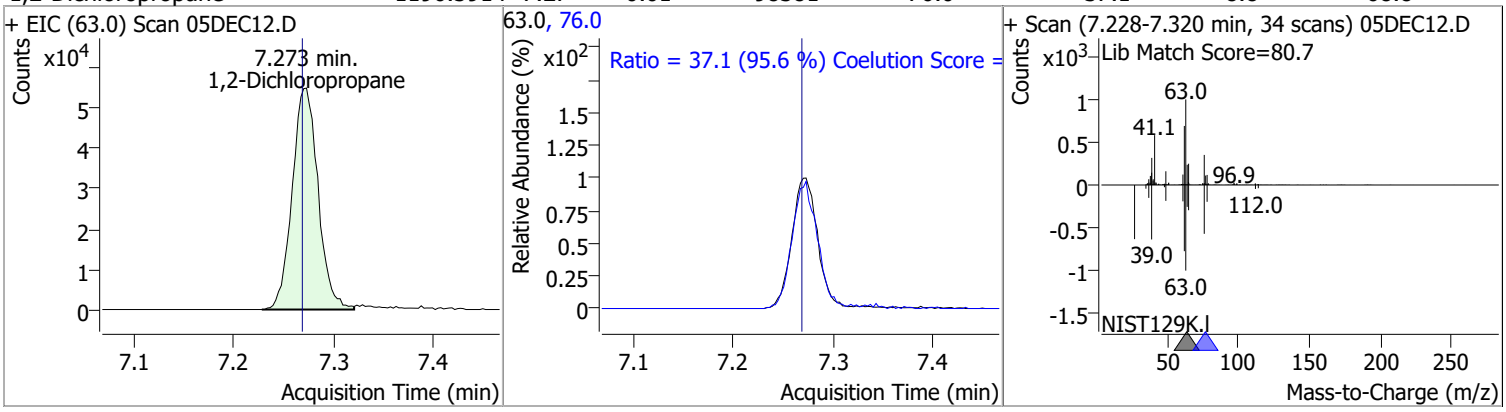
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	1164.0157	6.32	0.00	101277	64.0	31.4	0.0	59.6
					98.0	7.7	0.0	37.4



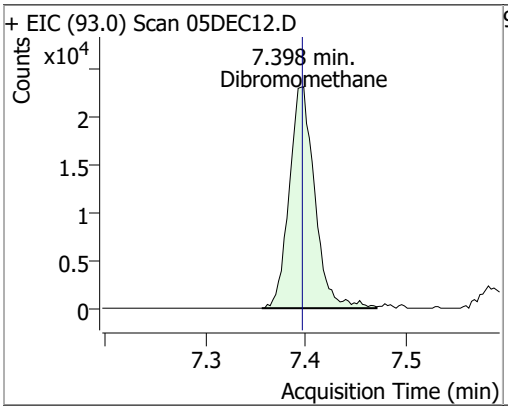
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	1151.8758	7.03	0.00	113929	130.0	102.8	69.3	129.3
					97.0	65.2	33.2	93.2

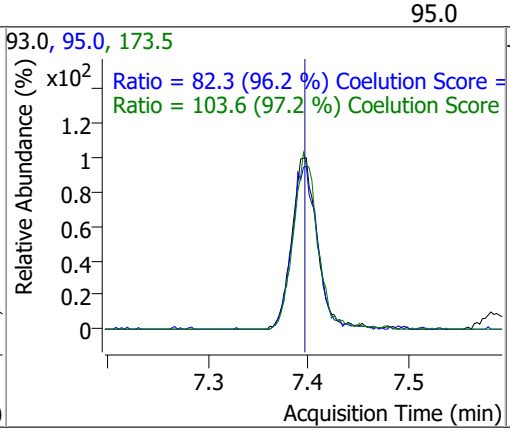


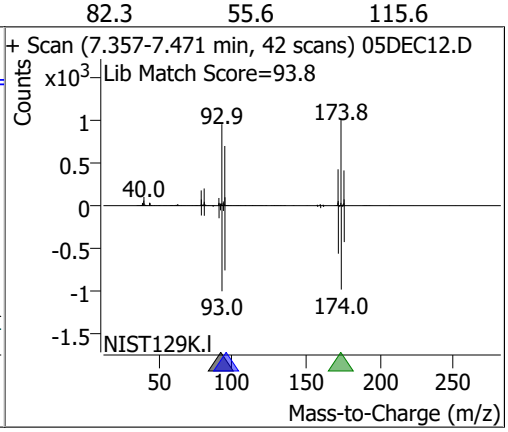
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	1196.5914	7.27	0.01	98381	76.0	37.1	8.8	68.8



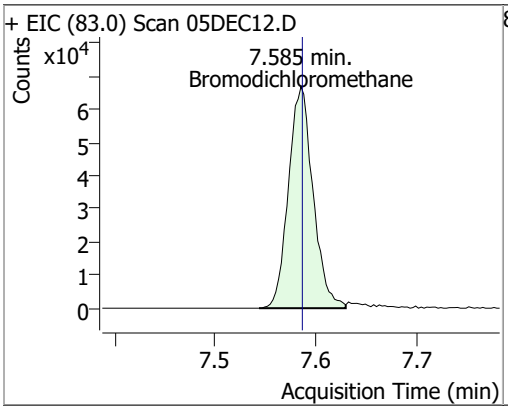
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	1181.8091	7.40	0.00	40777	173.5	103.6	76.6	136.6
					95.0	82.3	55.6	115.6

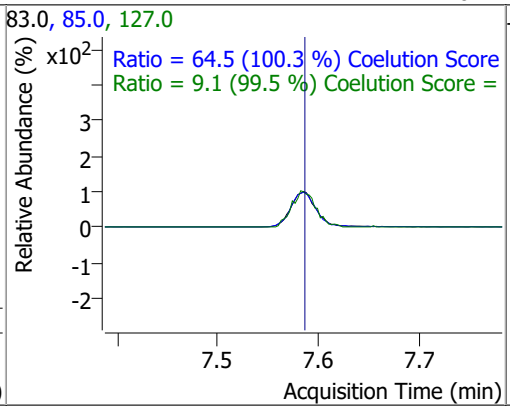


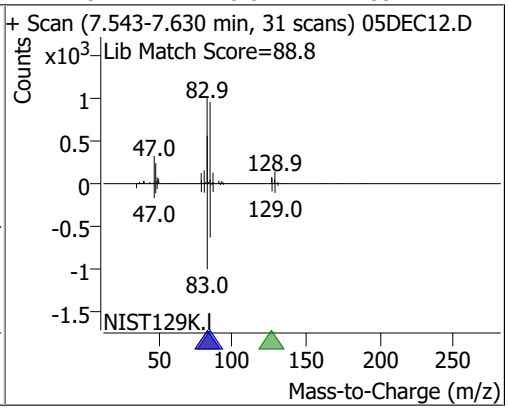




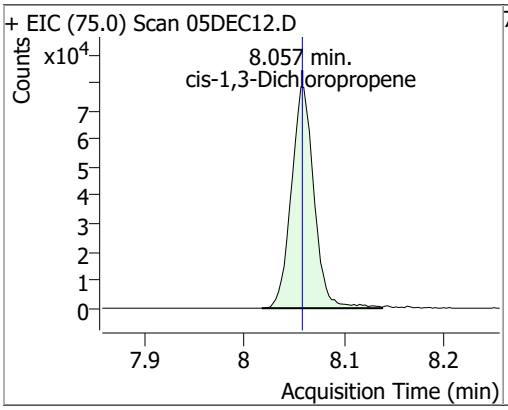
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	1169.1356	7.59	0.00	113985	85.0	64.5	34.3	94.3
					127.0	9.1	0.0	39.2

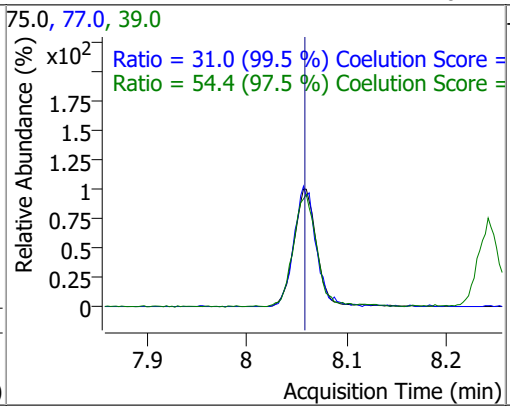


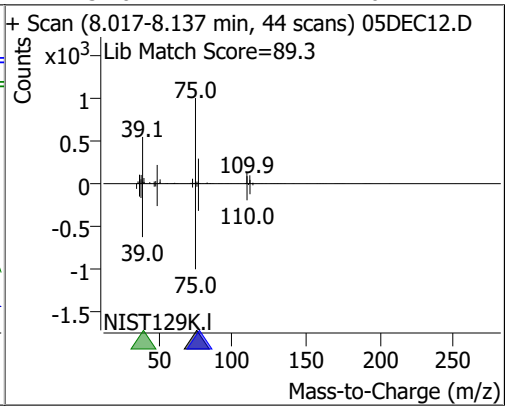




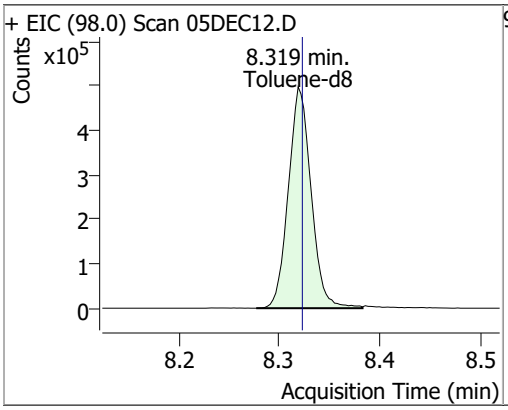
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	1152.9598	8.06	0.00	123949	39.0	54.4	25.9	85.9
					77.0	31.0	1.2	61.2

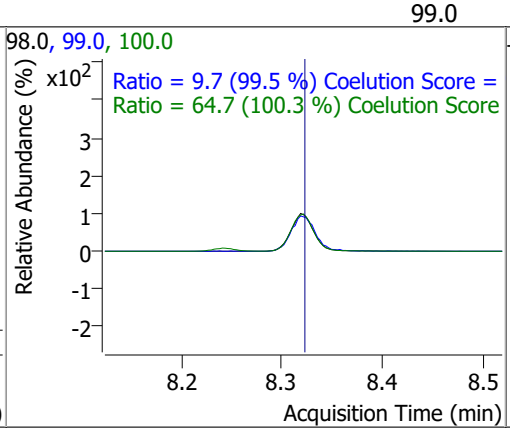


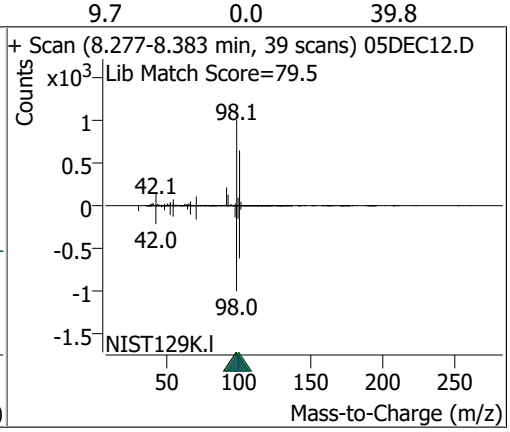




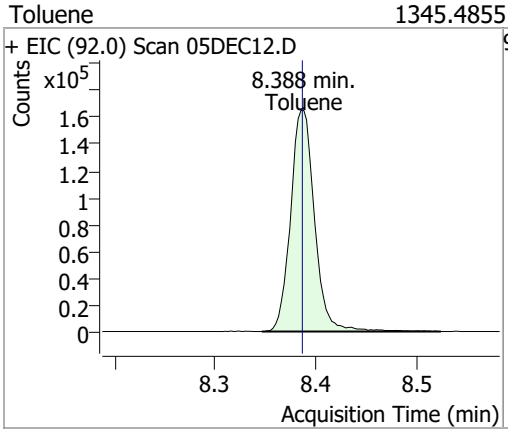
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	259.7084	8.32	0.00	782937	100.0	64.7	34.6	94.6
					99.0	9.7	0.0	39.8

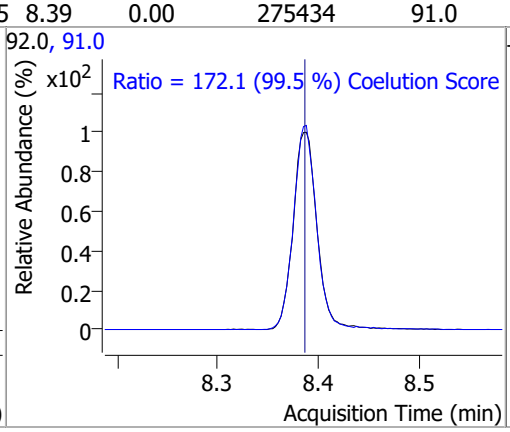


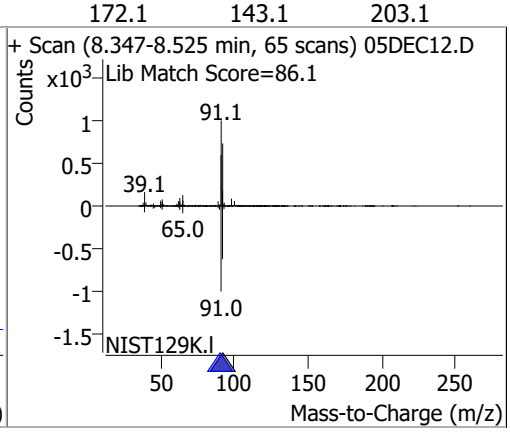




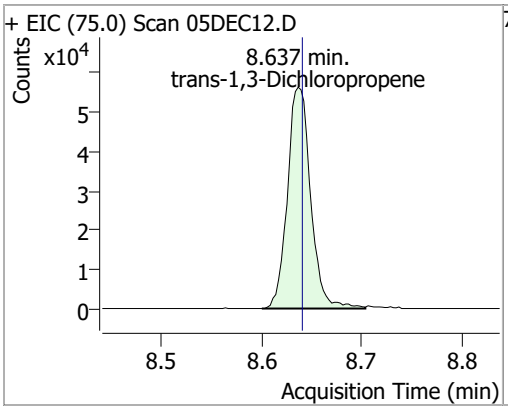
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1345.4855	8.39	0.00	275434	91.0	172.1	143.1	203.1

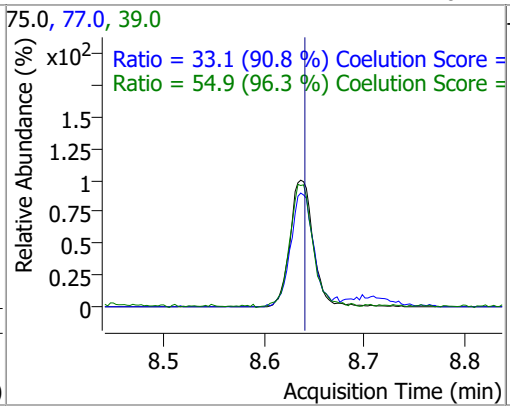


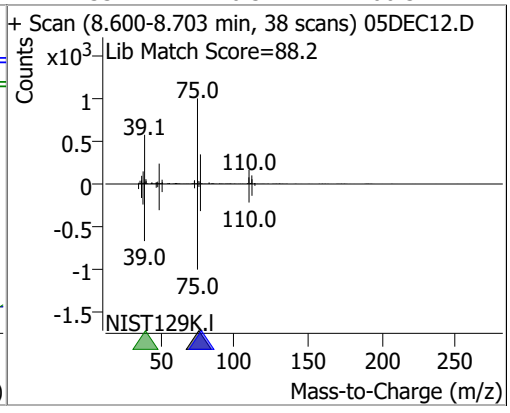




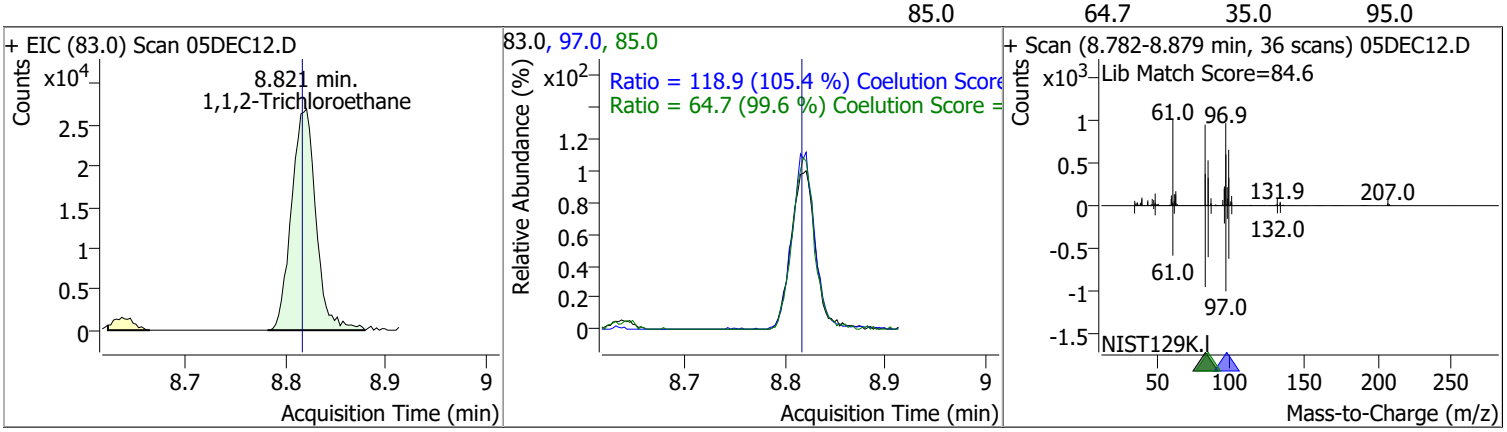
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	1181.8829	8.64	0.00	90549	39.0	54.9	27.0	87.0
					77.0	33.1	6.5	66.5



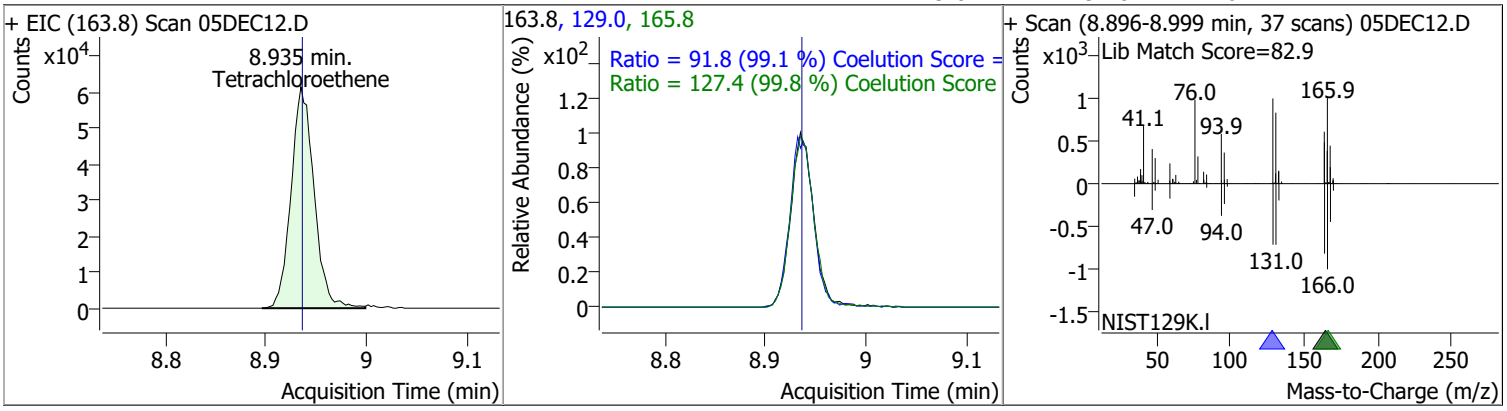




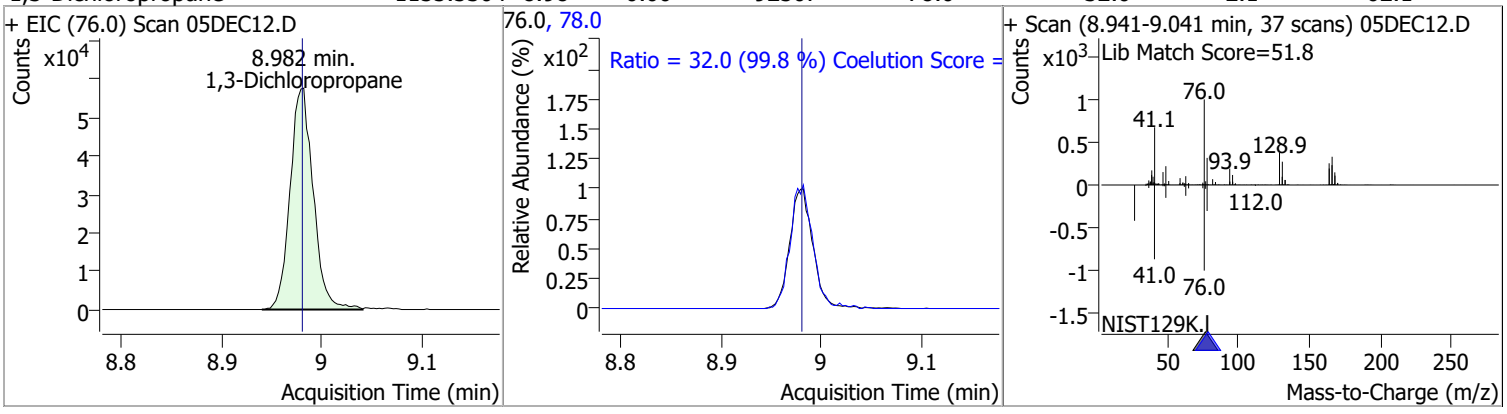
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	1148.4004	8.82	0.01	45719	97.0	118.9	82.7	142.7
					85.0	64.7	35.0	95.0



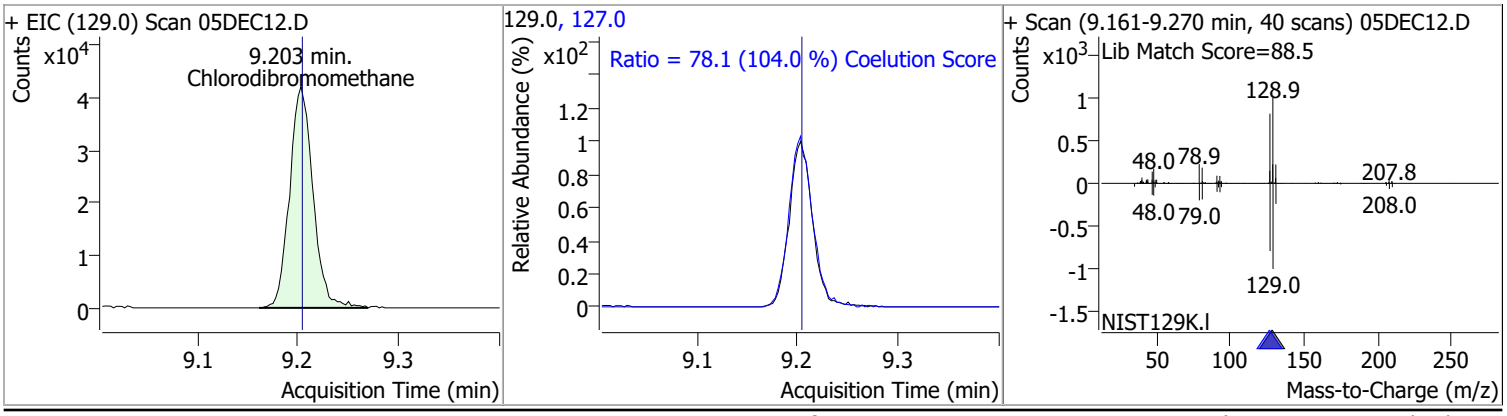
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	1191.9800	8.93	0.00	97668	165.8	127.4	97.7	157.7
					129.0	91.8	62.7	122.7



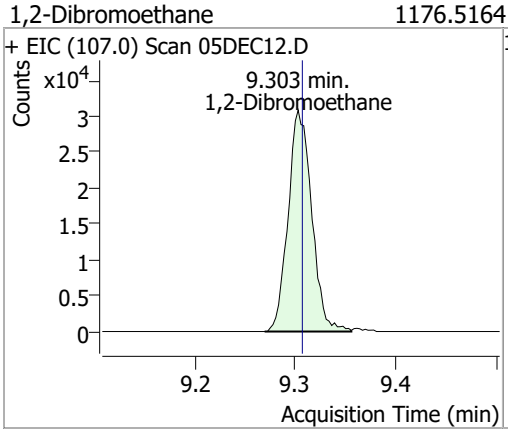
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	1155.5304	8.98	0.00	92507	78.0	32.0	2.1	62.1

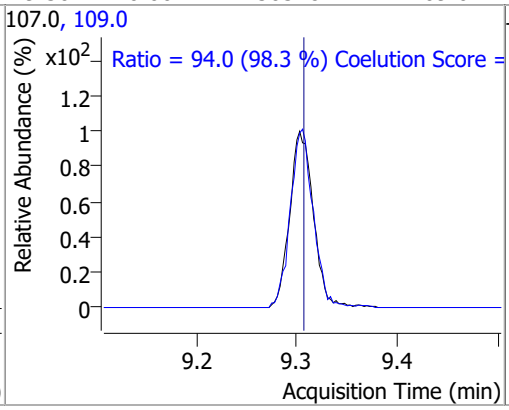


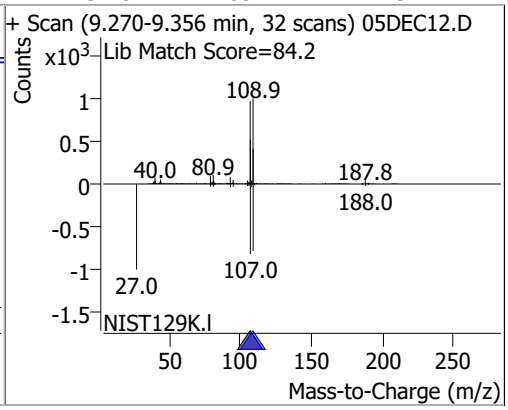
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	1144.8068	9.20	0.00	68146	127.0	78.1	45.1	105.1



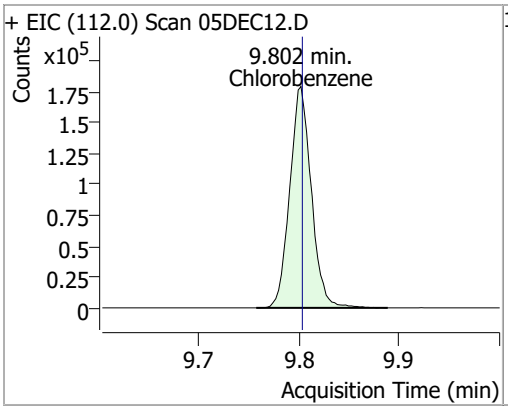
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	1176.5164	9.30	0.00	50328	109.0	94.0	65.7	125.7

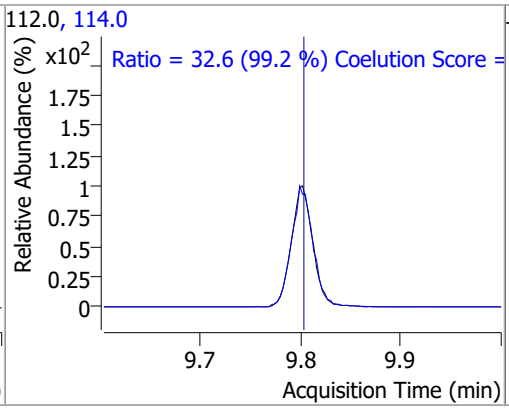


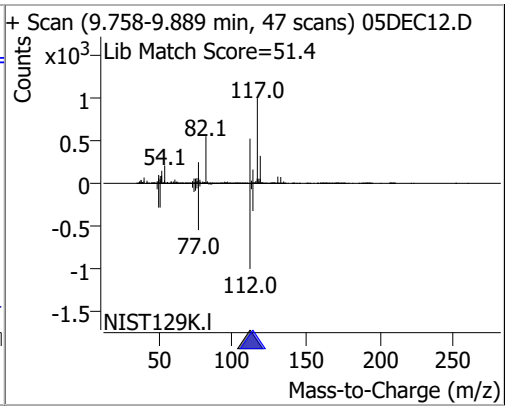




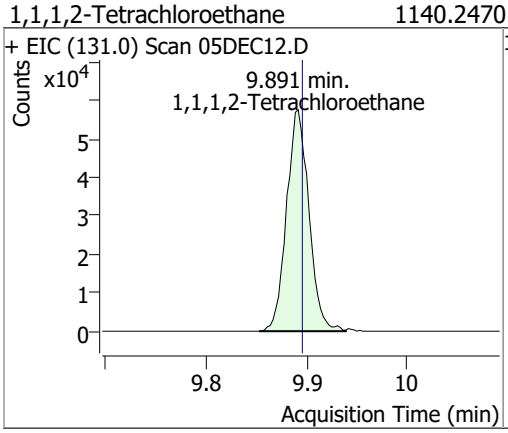
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	1199.5973	9.80	0.00	266833	114.0	32.6	2.9	62.9

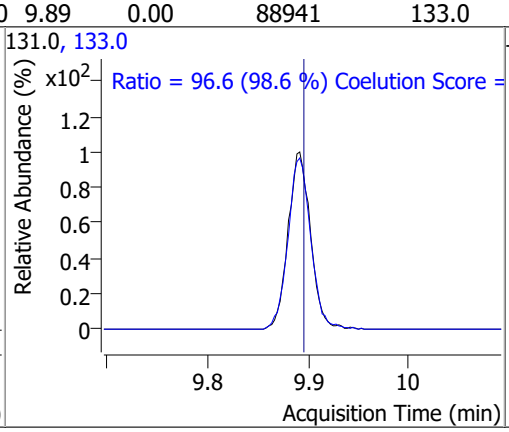


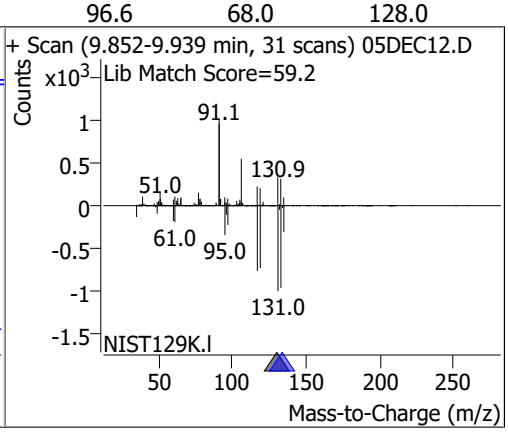




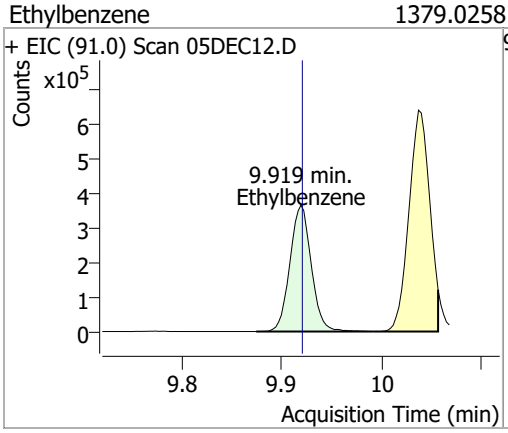
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	1140.2470	9.89	0.00	88941	133.0	96.6	68.0	128.0

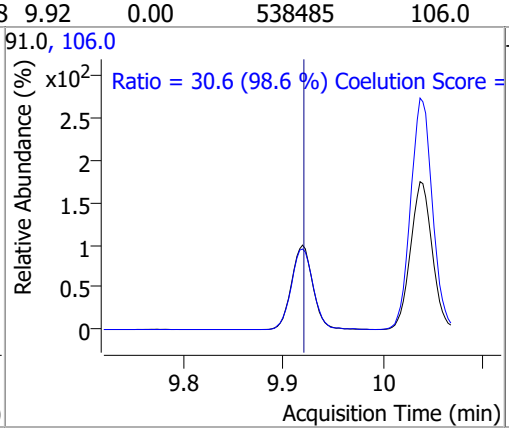


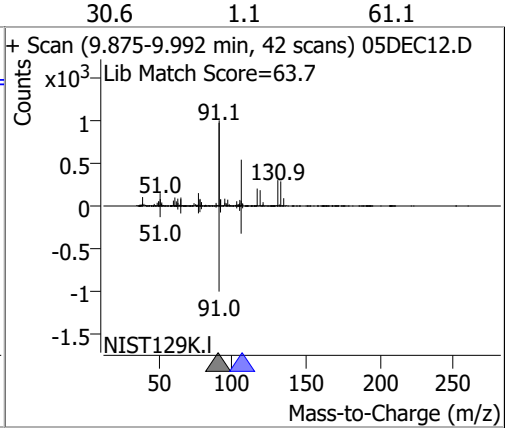




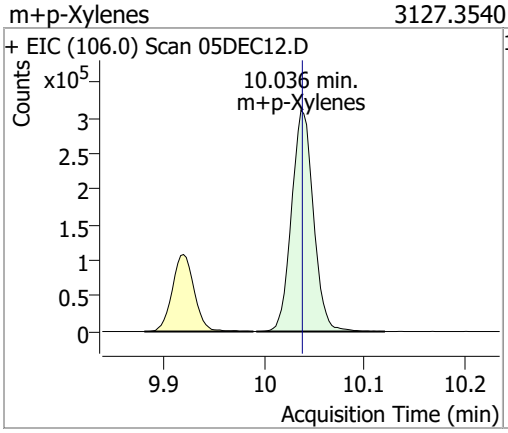
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	1379.0258	9.92	0.00	538485	106.0	30.6	1.1	61.1

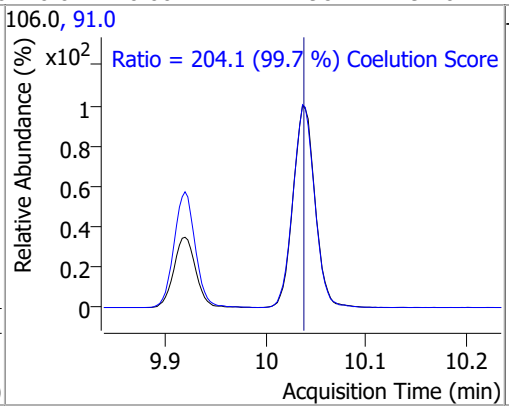


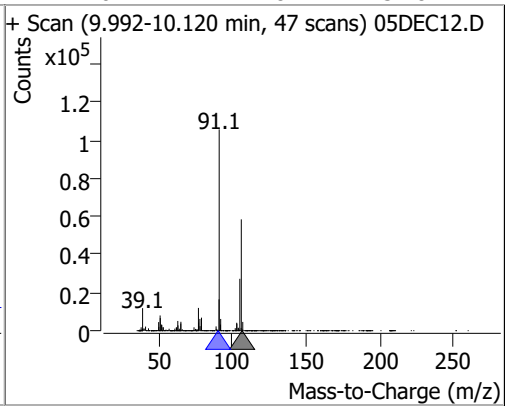




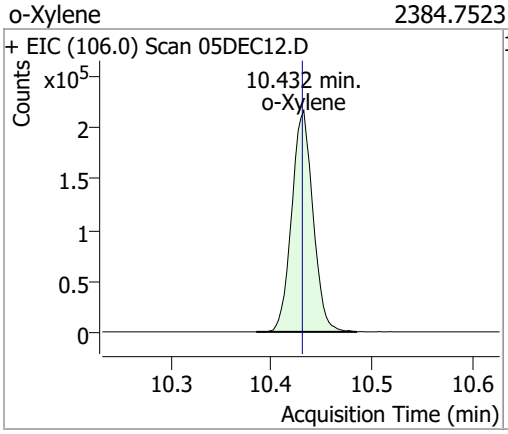
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	3127.3540	10.04	0.00	472198	91.0	204.1	174.8	234.8

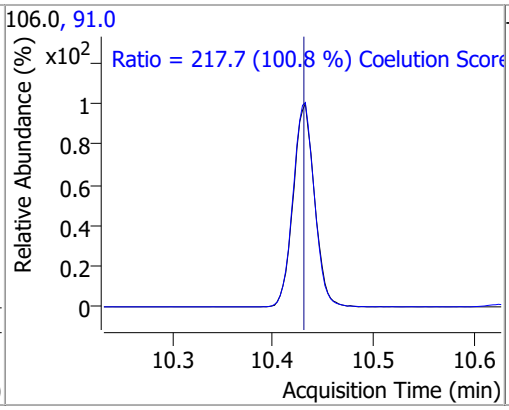


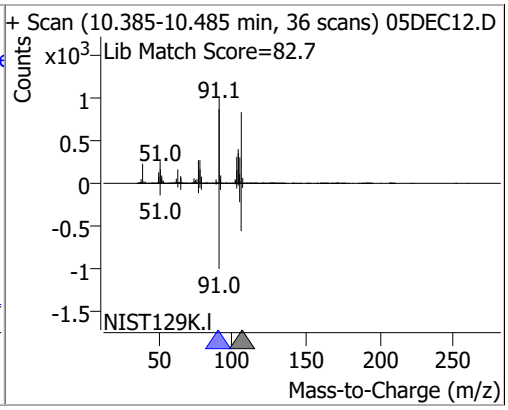




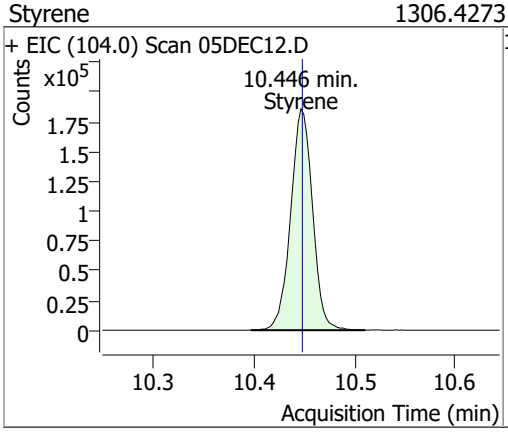
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	2384.7523	10.43	0.00	320046	91.0	217.7	186.0	246.0

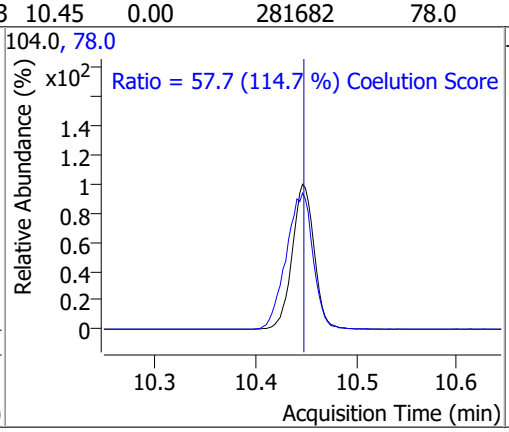


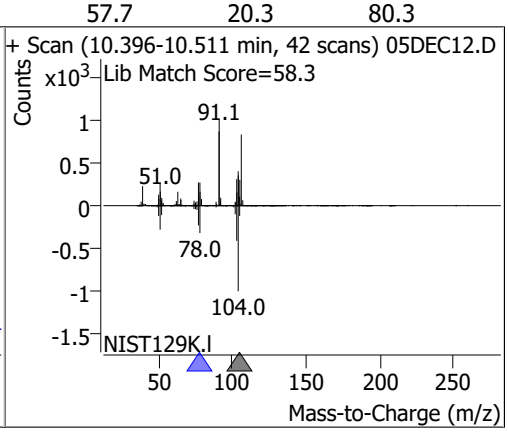




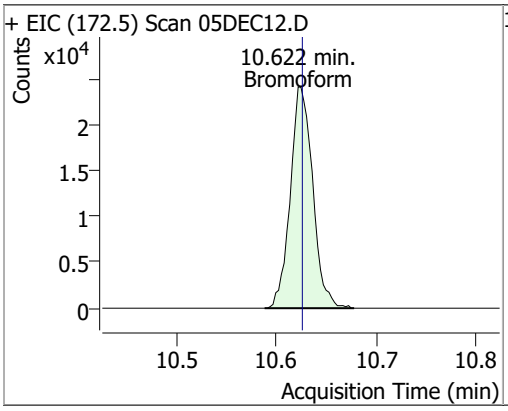
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	1306.4273	10.45	0.00	281682	78.0	57.7	20.3	80.3

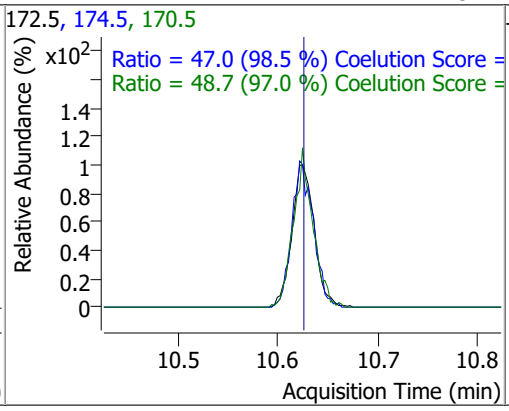


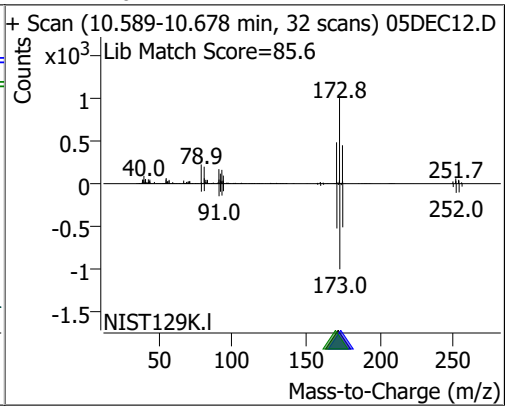




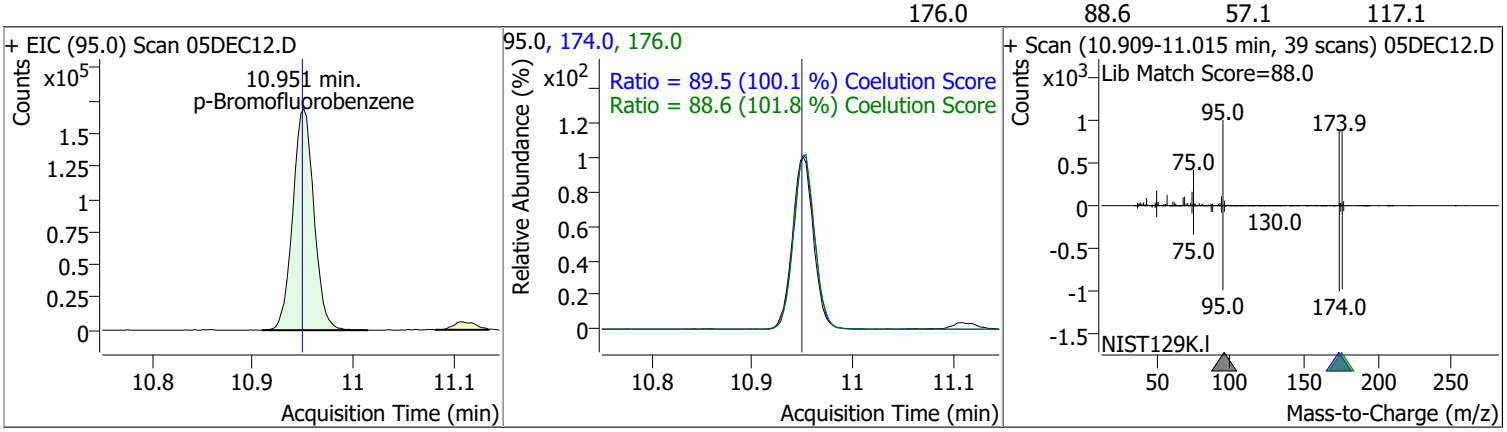
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	1237.3319	10.62	0.00	37478	170.5	48.7	20.2	80.2
					174.5	47.0	17.7	77.7



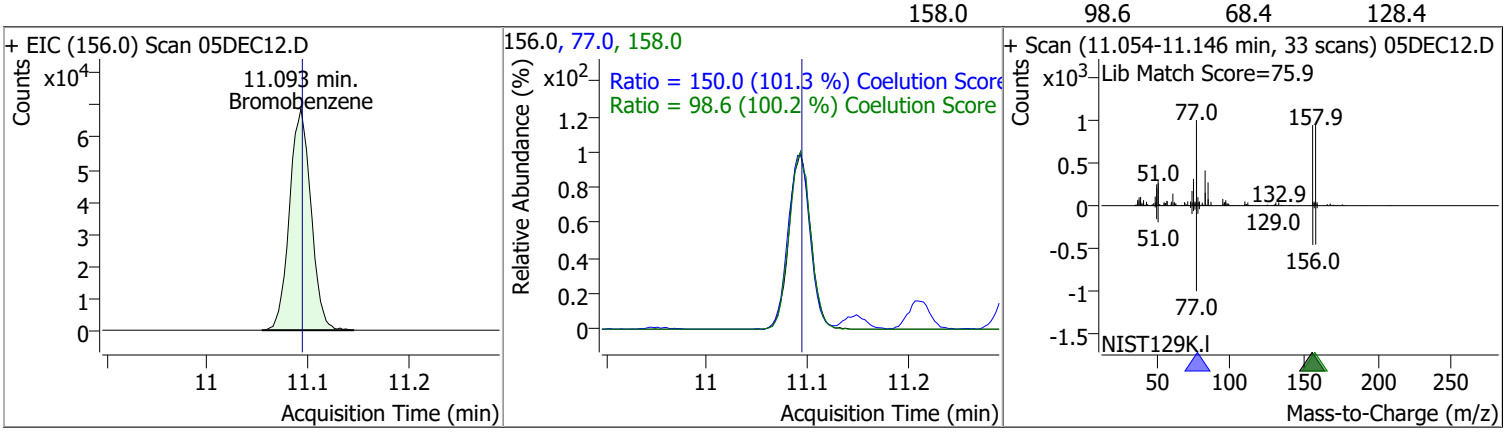




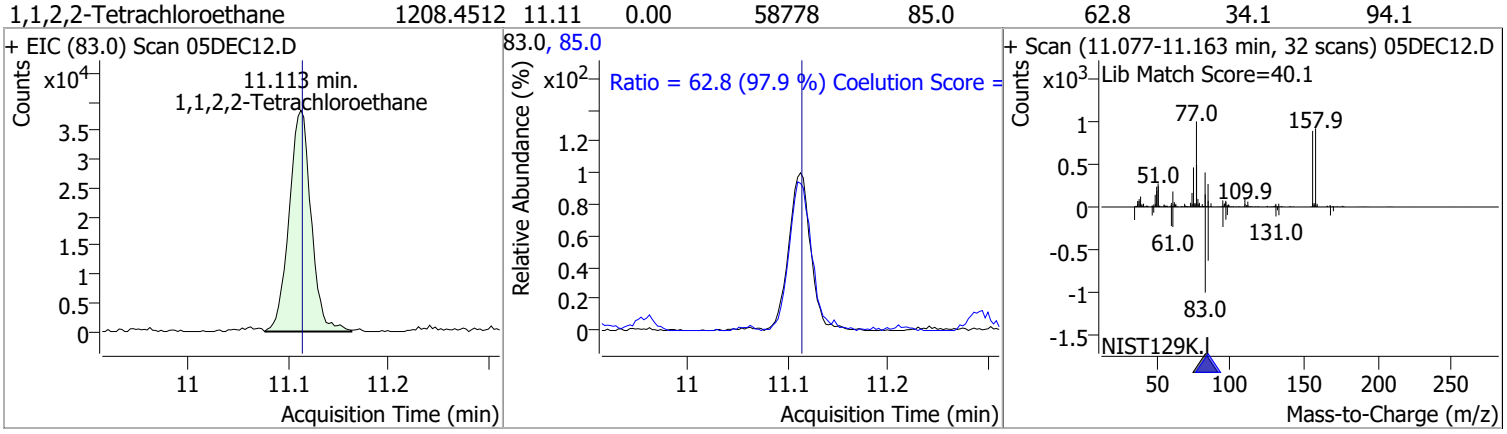
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	265.9192	10.95	0.00	247006	174.0	89.5	59.4	119.4
					176.0	88.6	57.1	117.1



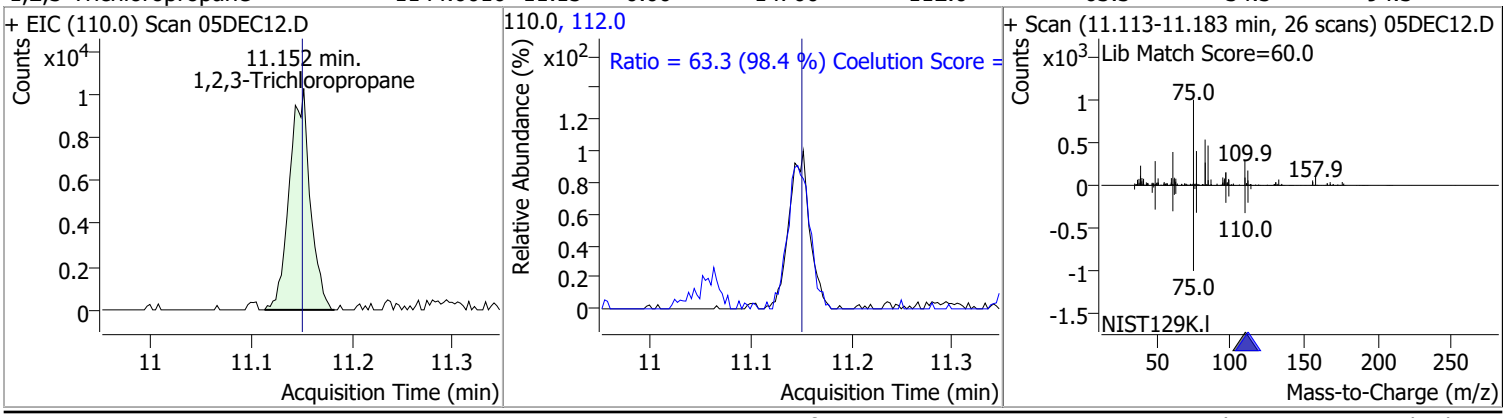
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	1242.8053	11.09	0.00	102481	77.0	150.0	118.1	178.1
					158.0	98.6	68.4	128.4



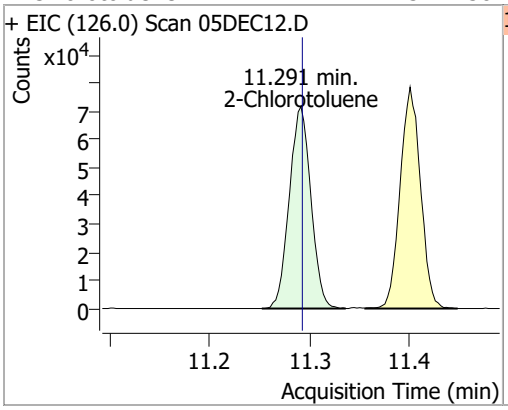
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	1208.4512	11.11	0.00	58778	85.0	62.8	34.1	94.1

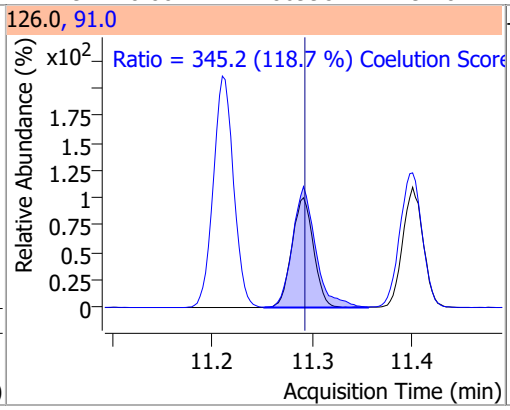


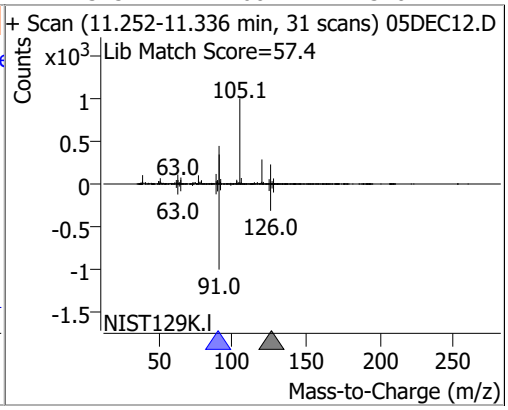
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	1144.6016	11.15	0.00	14760	112.0	63.3	34.3	94.3



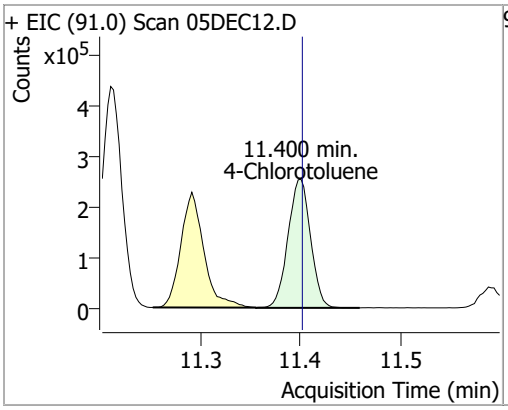
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	1321.2387	11.29	0.00	106998	91.0	345.2	260.7	320.7

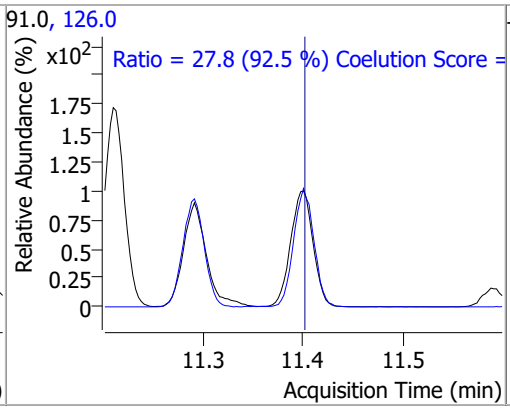


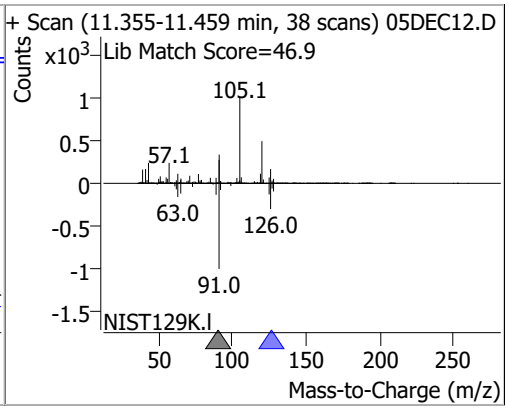




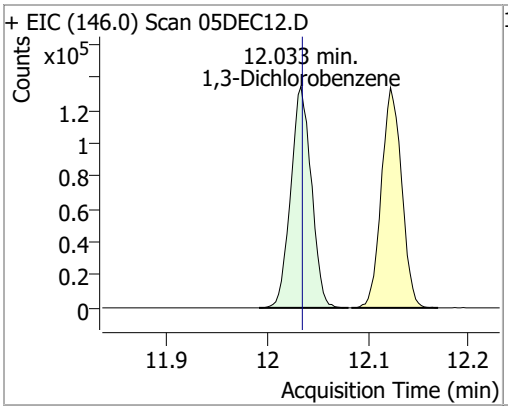
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	1449.8949	11.40	0.00	398312	126.0	27.8	0.1	60.1

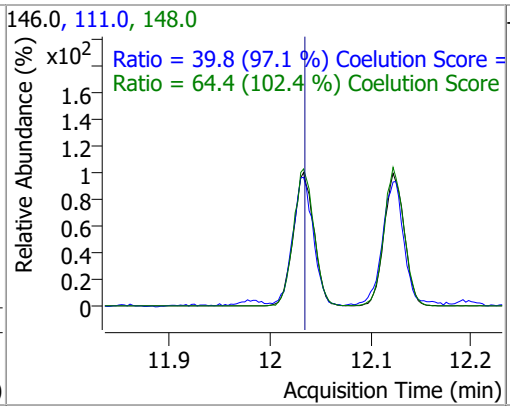


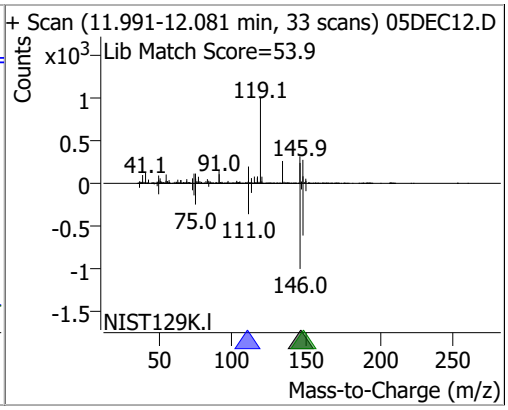




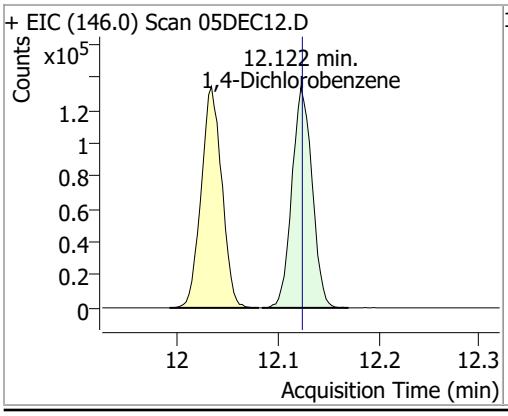
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	1292.9789	12.03	0.00	191572	148.0	64.4	32.9	92.9
					111.0	39.8	11.0	71.0

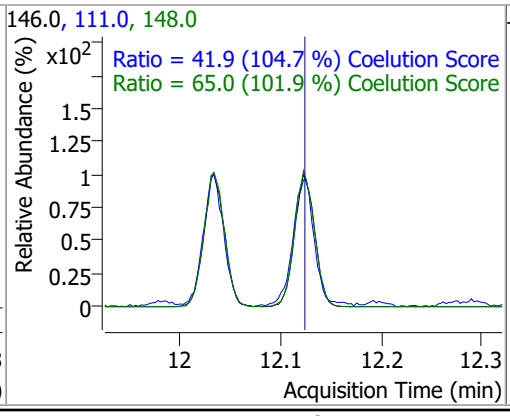


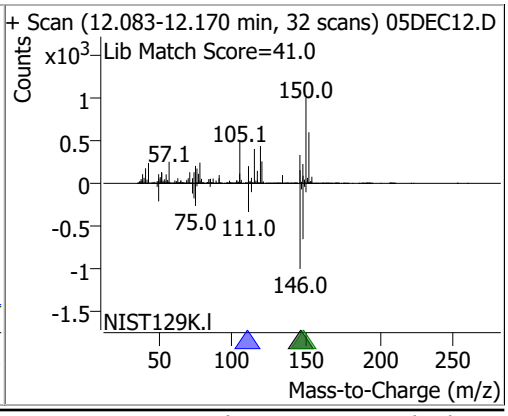




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	1227.4598	12.12	0.00	187257	148.0	65.0	33.8	93.8
					111.0	41.9	10.0	70.0

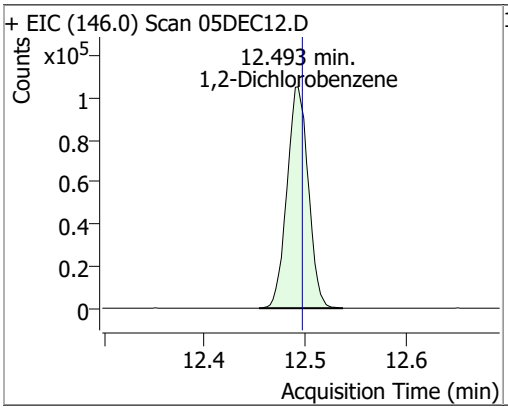


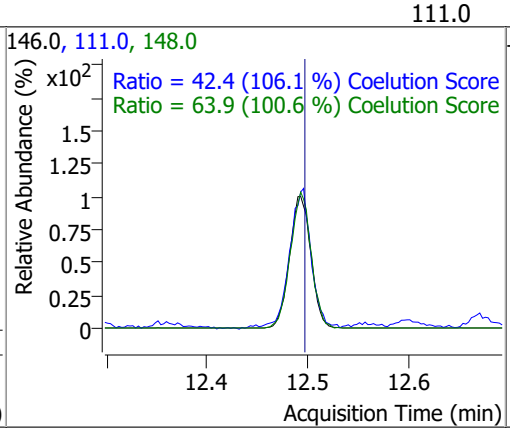


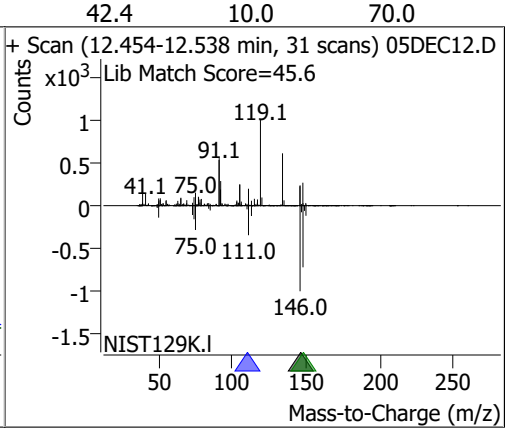


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	1262.1064	12.49	0.00	155176	148.0	63.9	33.5	93.5
					111.0	42.4	10.0	70.0

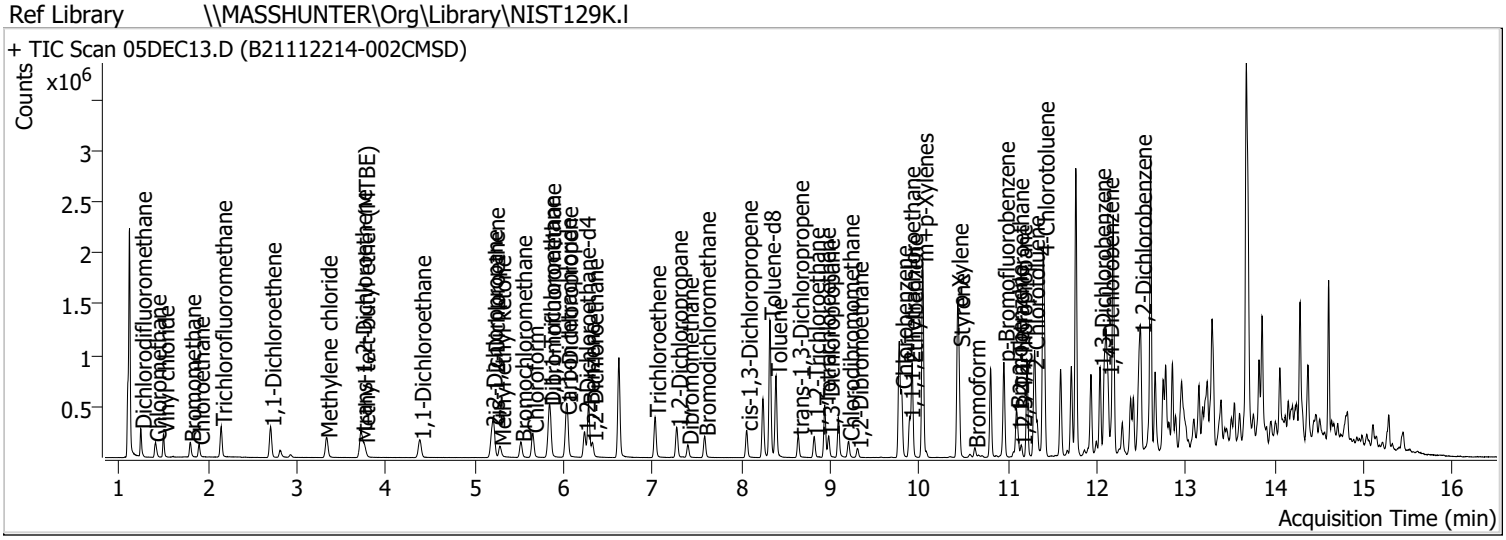






Quantitation Results Report (QT Reviewed)

Data File	05DEC13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 4:35:51 PM
Sample Name	B21112214-002CMSD	Instrument	VOA5975C
Vial	13	Multiplier	10.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	10x
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

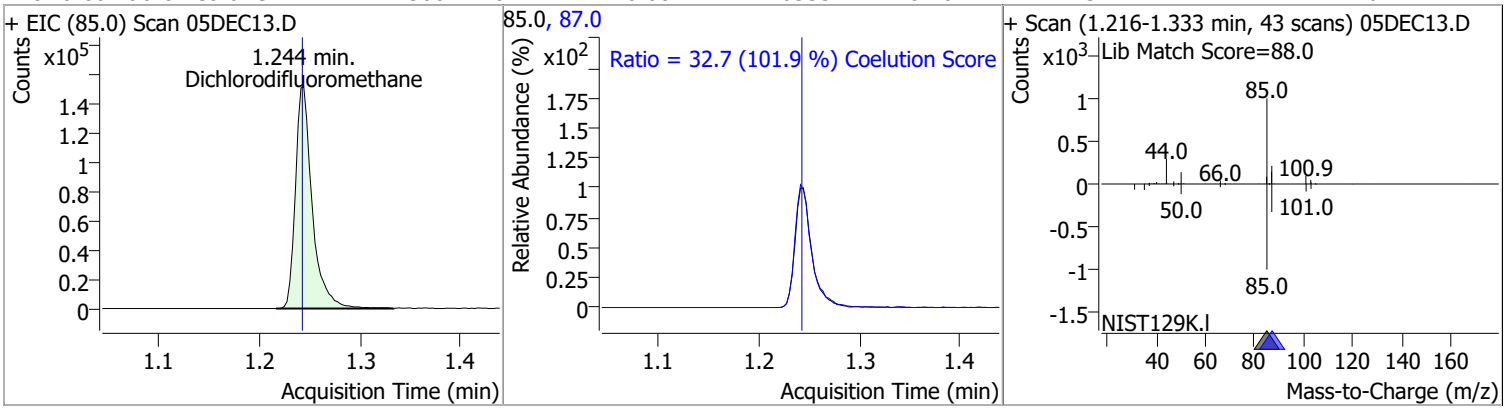


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.621	96.0	808688	250.0000	ng	0.000
M Chlorobenzene-d5	9.772	82.0	309327	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	244694	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.845	113.0	196500	255.1365	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 102.05%		
S 1,2-Dichloroethane-d4	6.236	67.0	90435	255.2127	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 102.09%		
S Toluene-d8	8.319	98.0	803007	262.8017	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.12%		
S p-Bromofluorobenzene	10.951	95.0	250296	266.4989	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.60%		
Target Compounds						QValue
T Dichlorodifluoromethane	1.244	85.0	176353	1580.2428	ng	99
T Chloromethane	1.409	50.0	144391	1125.2524	ng	99
T Vinyl chloride	1.498	62.0	159522	1302.9244	ng	99
T Bromomethane	1.799	96.0	72583	1474.5512	ng	99
T Chloroethane	1.897	64.0	80673	1184.0585	ng	97
T Trichlorofluoromethane	2.148	101.0	203092	1268.9882	ng	98
T 1,1-Dichloroethene	2.703	96.0	106087	1240.9631	ng	98
T Methylene chloride	3.330	49.0	139736	1179.6427	ng	98
T trans-1,2-Dichloroethene	3.720	96.0	108049	1265.6952	ng	99
T Methyl tert-butyl ether (MTBE)	3.754	73.0	141615	1313.4033	ng	99
T 1,1-Dichloroethane	4.384	63.0	207763	1280.7195	ng	99
T 2,2-Dichloropropane	5.193	77.0	153357	1274.5785	ng	98
T cis-1,2-Dichloroethene	5.215	96.0	111644	1275.6271	ng	100
T Methyl ethyl ketone	5.285	43.0	151535	13474.5854	ng	97
T Bromochloromethane	5.522	128.0	41102	1229.3742	ng	93
T Chloroform	5.653	83.0	187536	1204.8131	ng	99

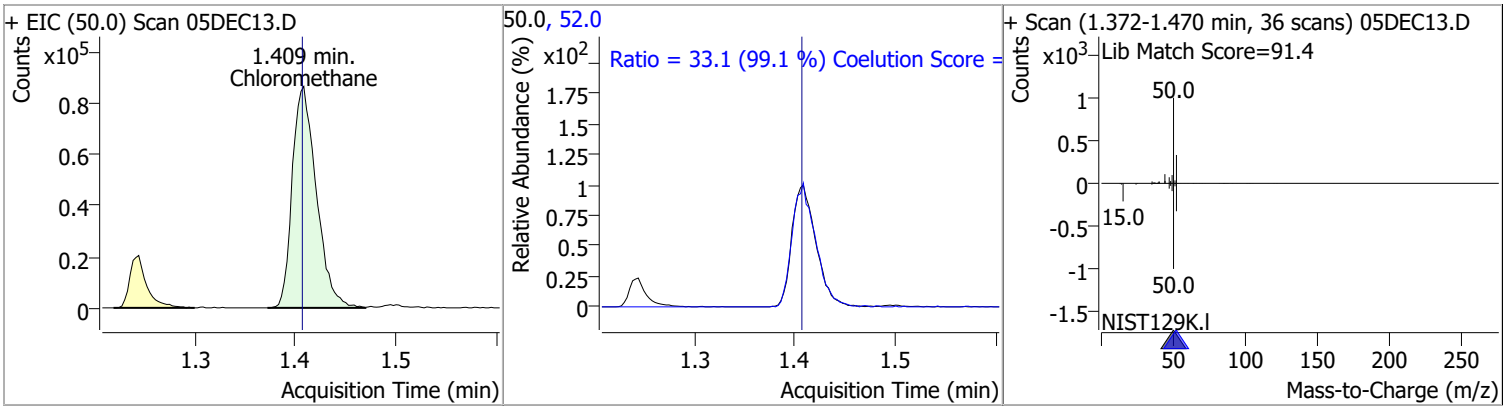
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	5.837	97.0	187950	1252.2057	ng		99
T Carbon tetrachloride	6.024	117.0	179956	1229.4505	ng		97
T 1,1-Dichloropropene	6.038	75.0	157716	1206.7341	ng		100
T Benzene	6.280	78.0	422426	1269.9867	ng		98
T 1,2-Dichloroethane	6.322	62.0	106795	1219.7333	ng		97
T Trichloroethene	7.028	95.0	121491	1211.8953	ng		97
T 1,2-Dichloropropane	7.273	63.0	105547	1266.5728	ng		100
T Dibromomethane	7.396	93.0	43965	1257.1548	ng		96
T Bromodichloromethane	7.585	83.0	120502	1219.4418	ng		100
T cis-1,3-Dichloropropene	8.059	75.0	131224	1204.2982	ng		100
T Toluene	8.389	92.0	290938	1402.2051	ng		98
T trans-1,3-Dichloropropene	8.637	75.0	100423	1293.2236	ng		94
T 1,1,2-Trichloroethane	8.818	83.0	51622	1279.3255	ng		98
T Tetrachloroethene	8.935	163.8	105569	1271.1672	ng		98
T 1,3-Dichloropropane	8.983	76.0	100530	1238.9452	ng		99
T Chlorodibromomethane	9.203	129.0	76418	1266.5931	ng		100
T 1,2-Dibromoethane	9.306	107.0	53962	1244.5891	ng		99
T Chlorobenzene	9.800	112.0	287237	1274.0484	ng		99
T 1,1,1,2-Tetrachloroethane	9.889	131.0	96432	1219.7413	ng		98
T Ethylbenzene	9.920	91.0	568830	1437.2453	ng		99
T m+p-Xylenes	10.037	106.0	495628	3238.6078	ng		99
T o-Xylene	10.430	106.0	329635	2423.3370	ng		100
T Styrene	10.447	104.0	301179	1378.1626	ng		88
T Bromoform	10.622	172.5	39402	1286.5519	ng		98
T Bromobenzene	11.094	156.0	109361	1311.6605	ng		99
T 1,1,2,2-Tetrachloroethane	11.110	83.0	63709	1295.4311	ng		98
T 1,2,3-Trichloropropane	11.149	110.0	15617	1197.7463	ng		99
T 2-Chlorotoluene	11.289	126.0	113501	1386.1318	ng	#	73
T 4-Chlorotoluene	11.397	91.0	420550	1514.0143	ng		96
T 1,3-Dichlorobenzene	12.033	146.0	203849	1360.7151	ng		98
T 1,4-Dichlorobenzene	12.123	146.0	201395	1305.6210	ng		98
T 1,2-Dichlorobenzene	12.491	146.0	166764	1341.4452	ng		97

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

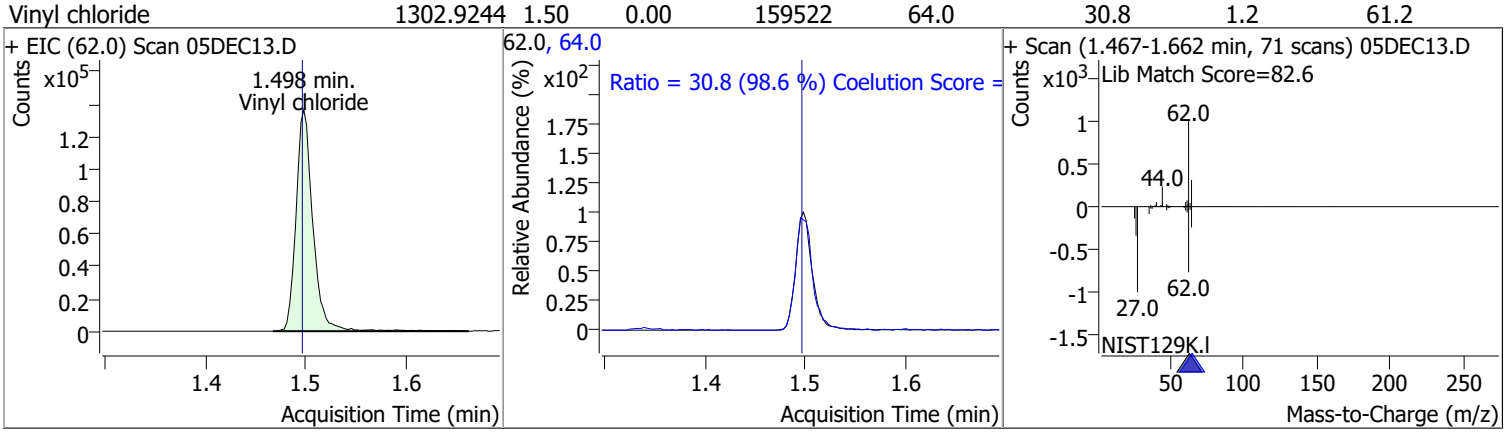
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	1580.2428	1.24	0.00	176353	87.0	32.7	2.1	62.1



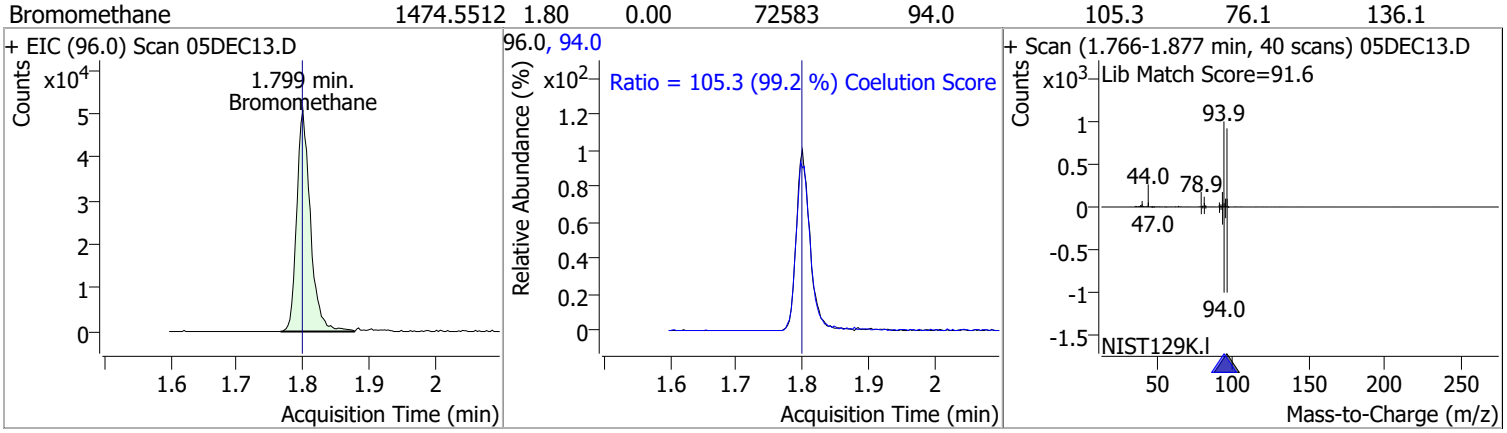
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	1125.2524	1.41	0.00	144391	52.0	33.1	3.4	63.4



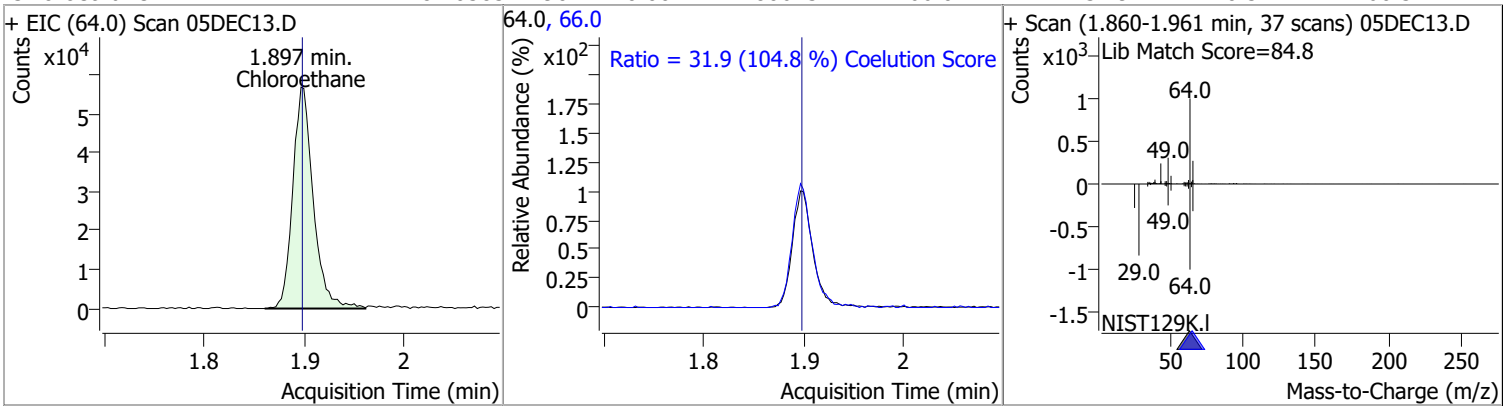
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	1302.9244	1.50	0.00	159522	64.0	30.8	1.2	61.2



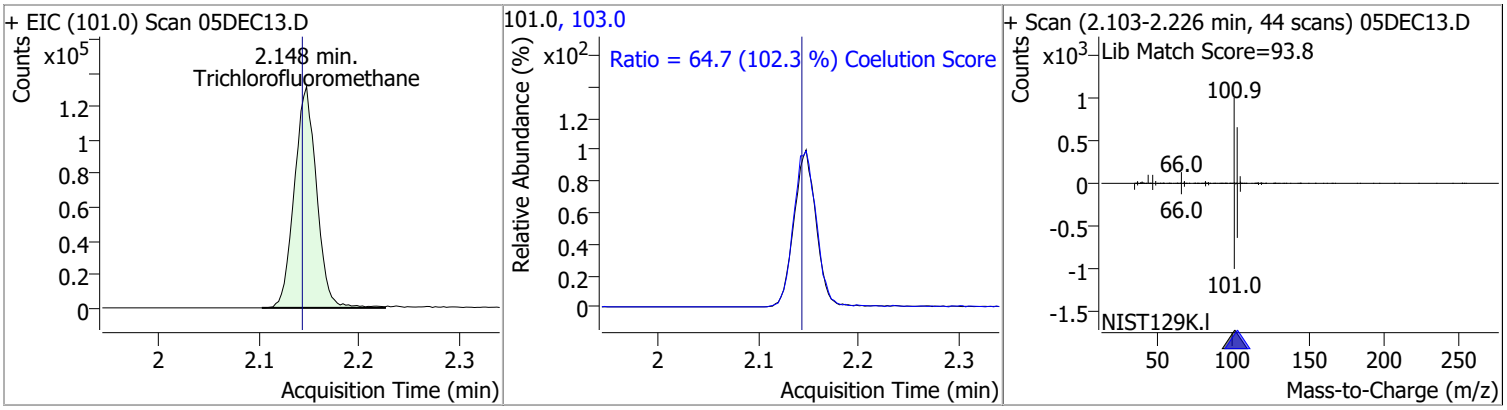
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	1474.5512	1.80	0.00	72583	94.0	105.3	76.1	136.1



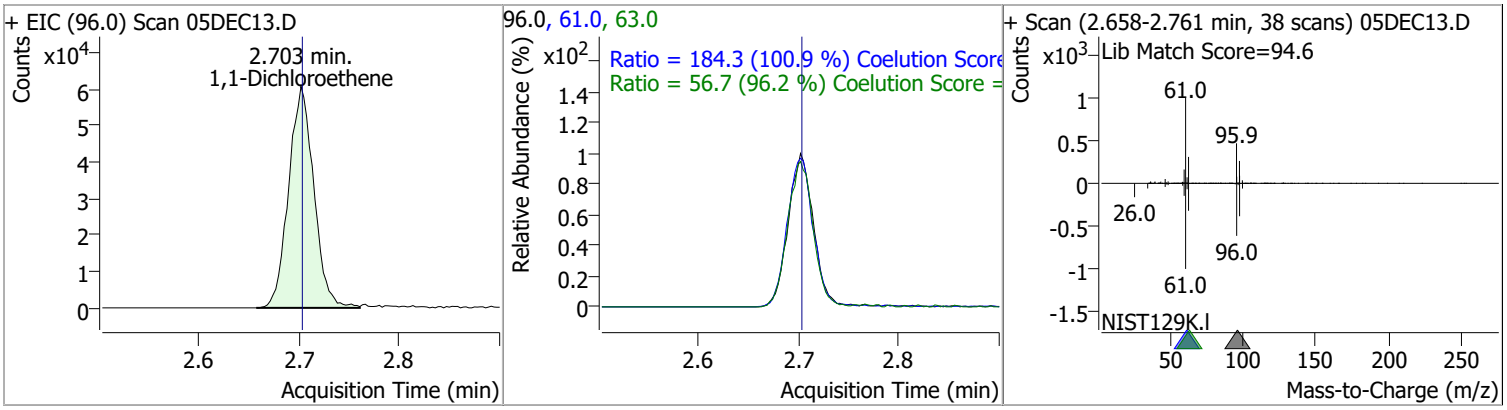
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	1184.0585	1.90	0.00	80673	66.0	31.9	0.5	60.5



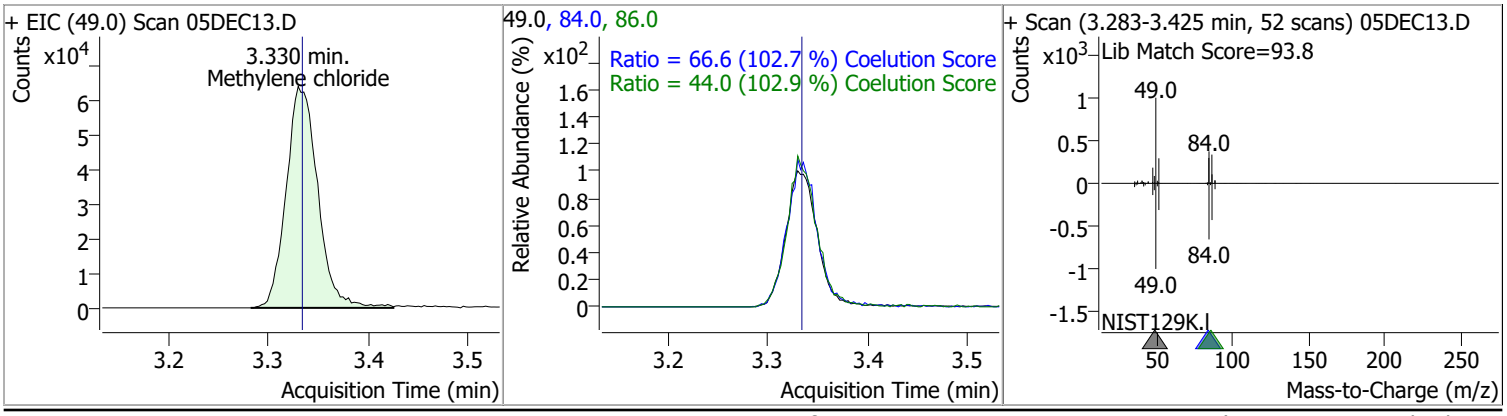
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	1268.9882	2.15	0.01	203092	103.0	64.7	33.3	93.3



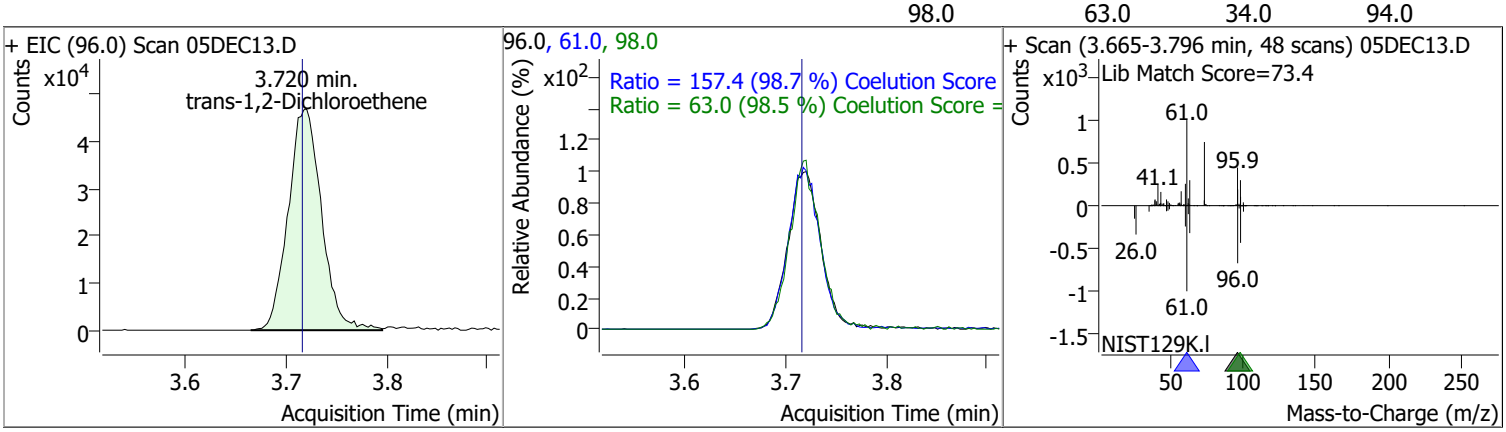
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	1240.9631	2.70	0.00	106087	61.0	184.3	152.6	212.6
					63.0	56.7	28.9	88.9



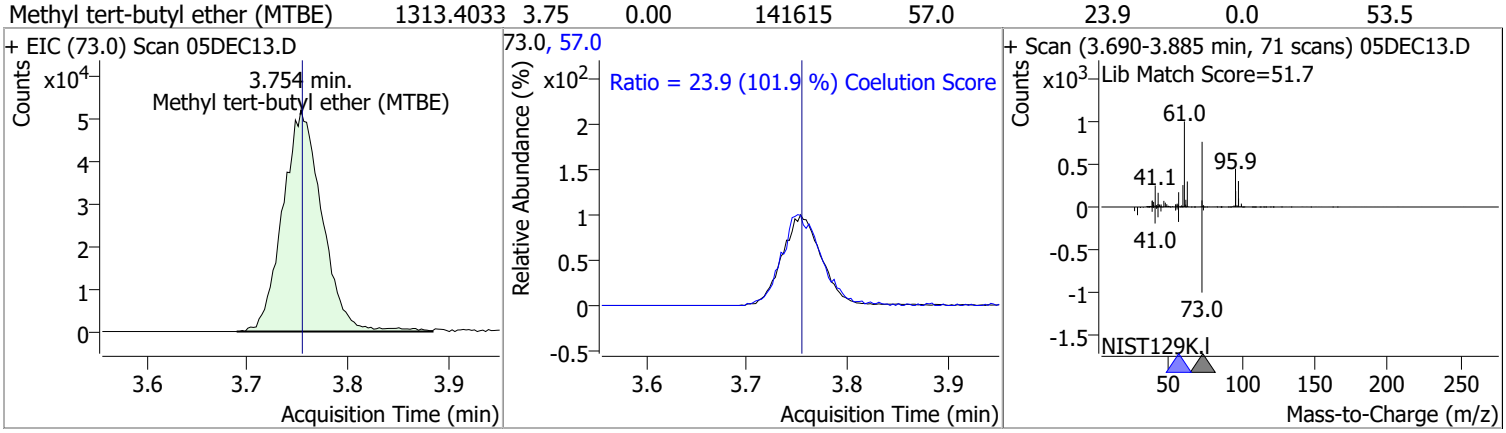
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1179.6427	3.33	0.00	139736	84.0	66.6	34.8	94.8
					86.0	44.0	12.7	72.7



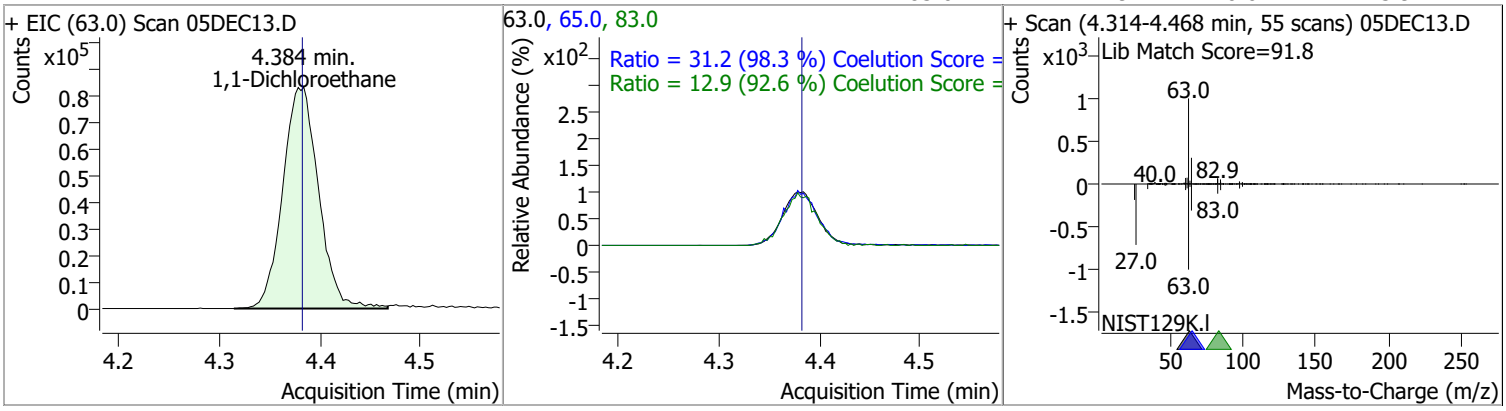
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	1265.6952	3.72	0.01	108049	61.0	157.4	129.4	189.4
					98.0	63.0	34.0	94.0



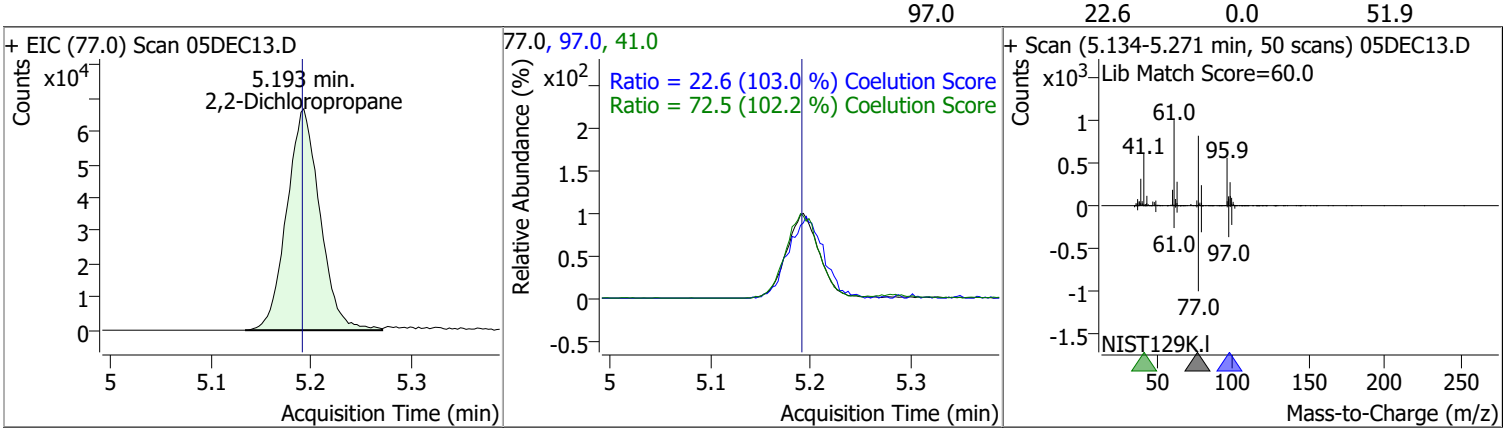
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	1313.4033	3.75	0.00	141615	57.0	23.9	0.0	53.5



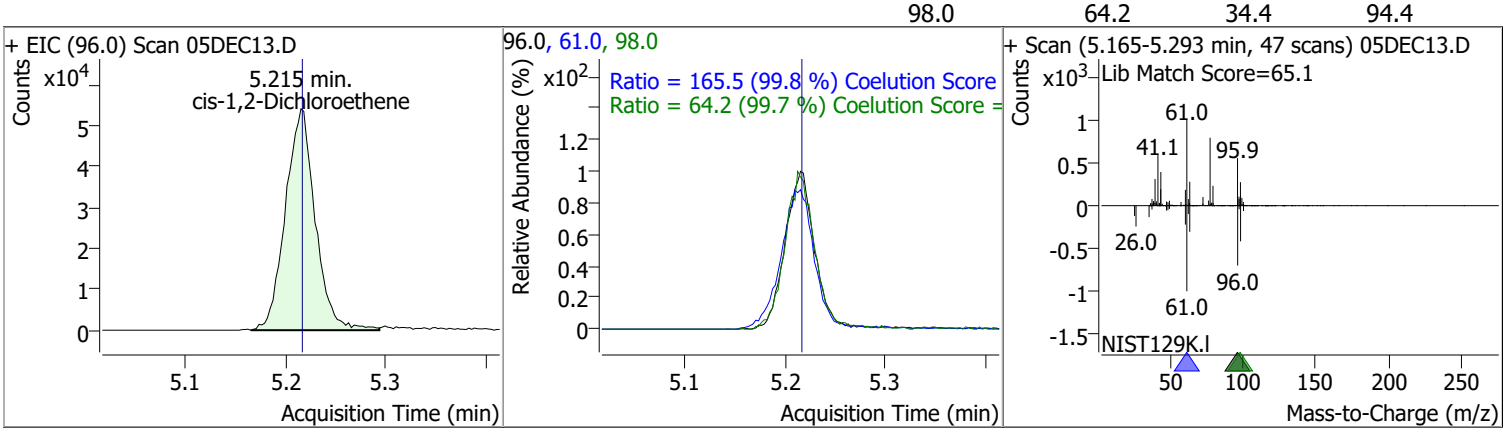
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	1280.7195	4.38	0.00	207763	65.0	31.2	1.7	61.7
					83.0	12.9	0.0	43.9



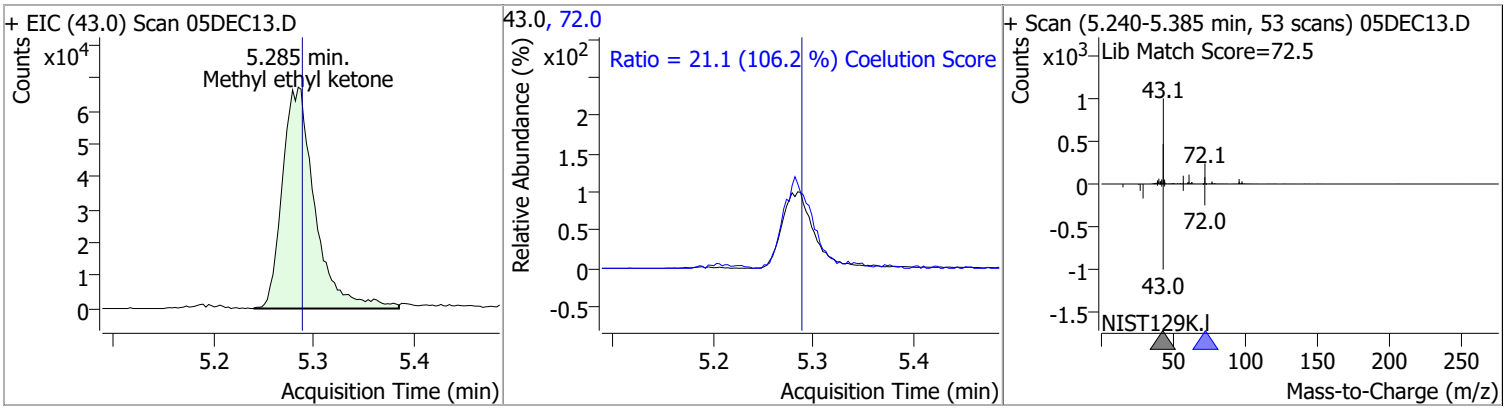
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	1274.5785	5.19	0.00	153357	41.0	72.5	41.0	101.0
					97.0	22.6	0.0	51.9



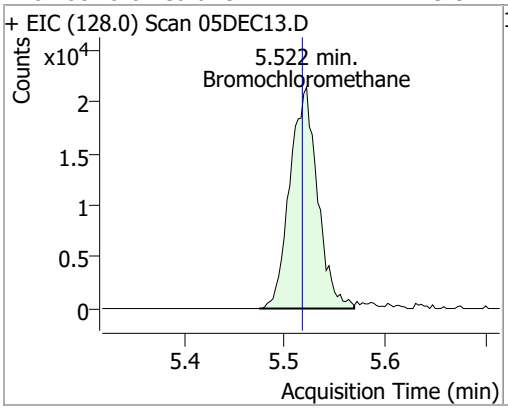
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	1275.6271	5.22	0.00	111644	61.0	165.5	135.9	195.9
					98.0	64.2	34.4	94.4

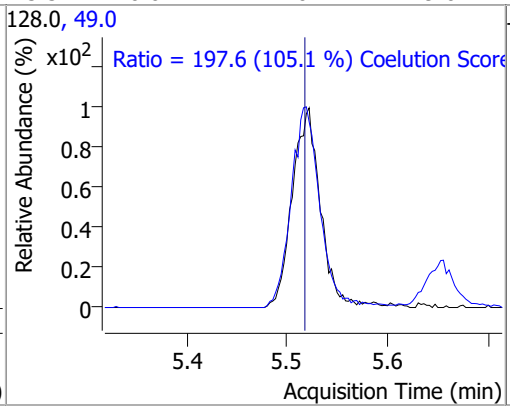


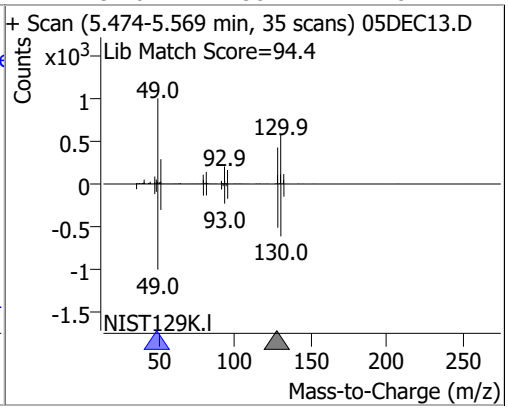
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	13474.5854	5.28	0.00	151535	72.0	21.1	0.0	49.8



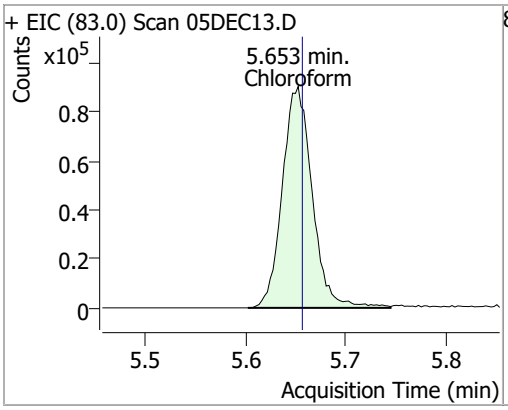
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	1229.3742	5.52	0.01	41102	49.0	197.6	158.1	218.1

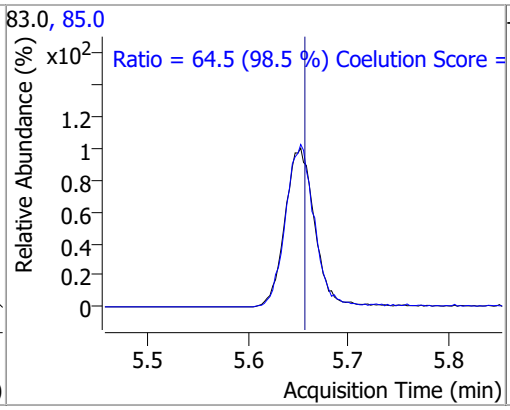


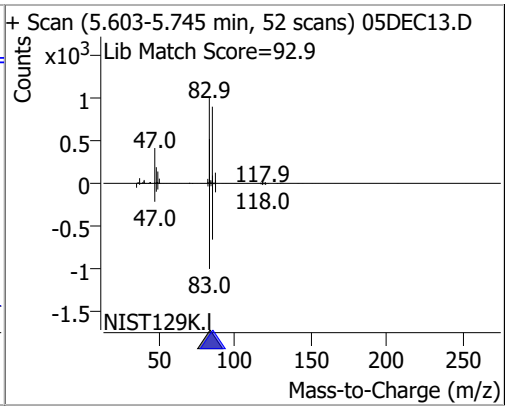




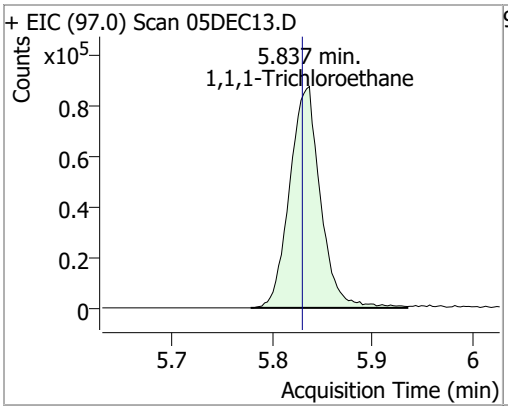
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	1204.8131	5.65	0.00	187536	85.0	64.5	35.5	95.5

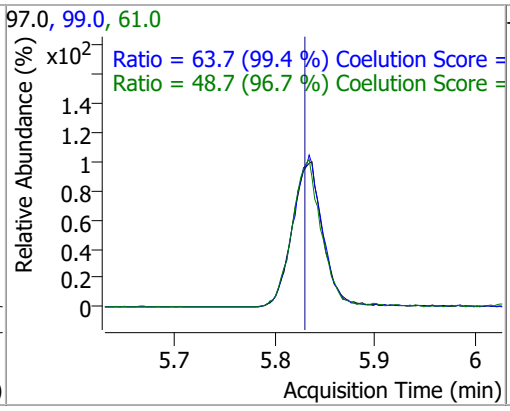


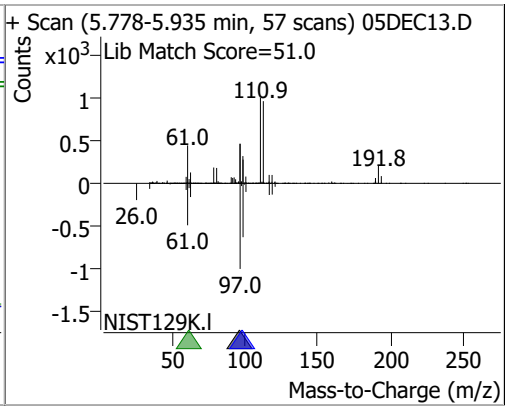




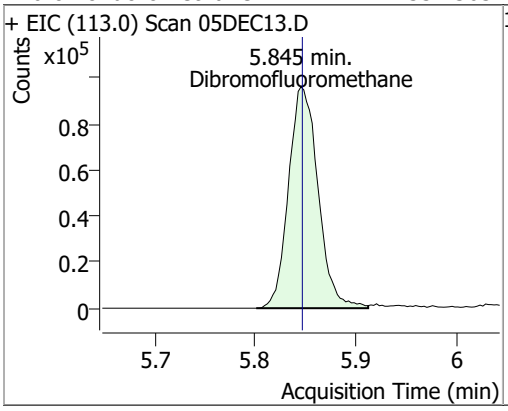
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	1252.2057	5.84	0.01	187950	99.0	63.7	34.0	94.0
					61.0	48.7	20.4	80.4

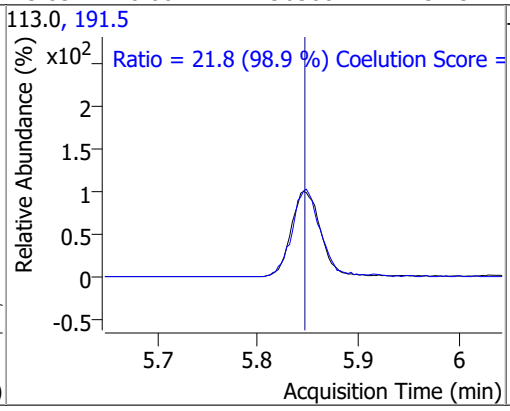


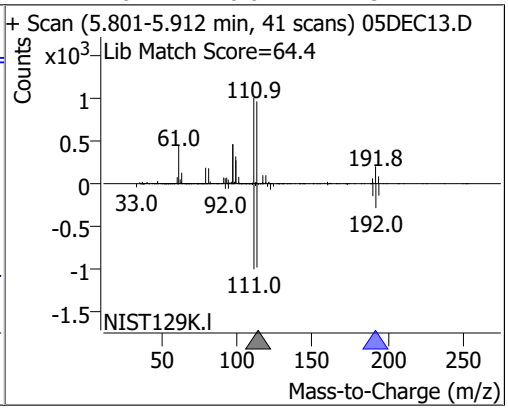




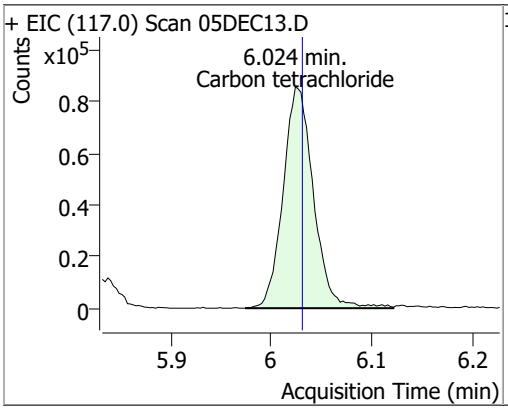
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	255.1365	5.85	0.00	196500	191.5	21.8	0.0	52.1

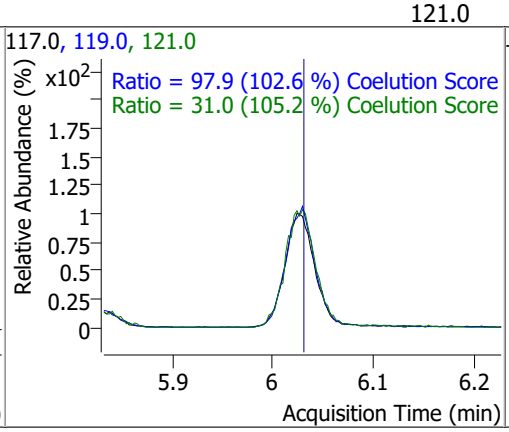


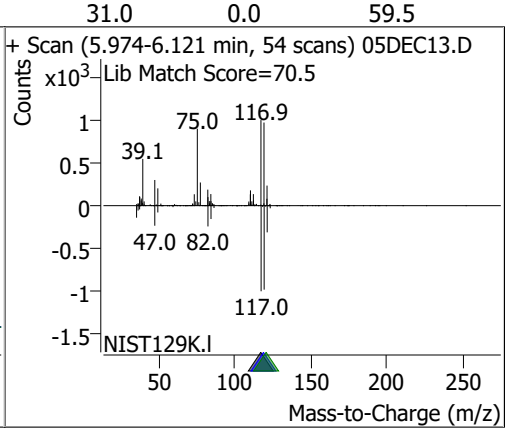




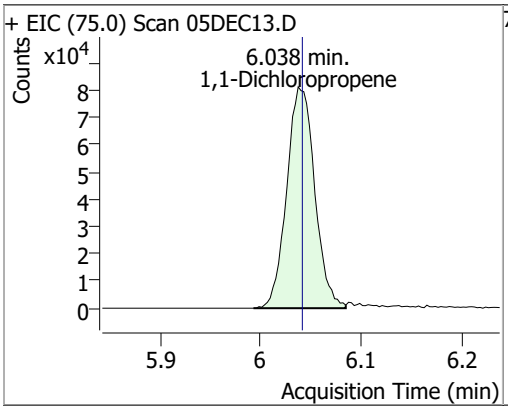
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	1229.4505	6.02	-0.01	179956	119.0	97.9	65.4	125.4
					121.0	31.0	0.0	59.5

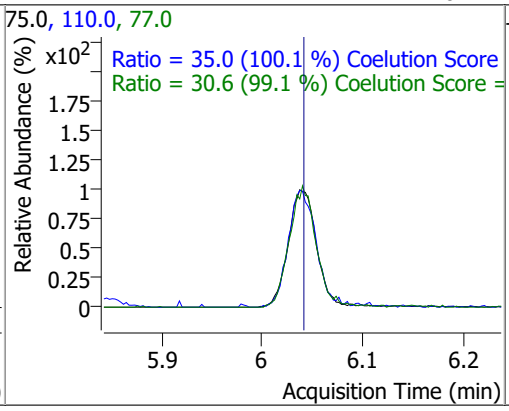


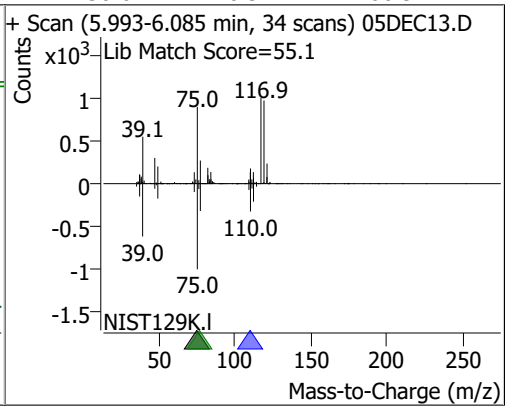




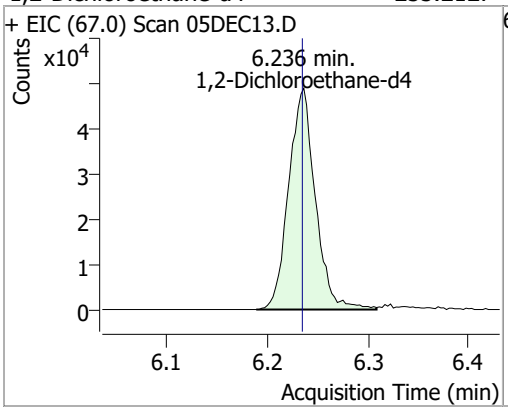
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	1206.7341	6.04	0.00	157716	110.0	35.0	5.0	65.0
					77.0	30.6	0.9	60.9

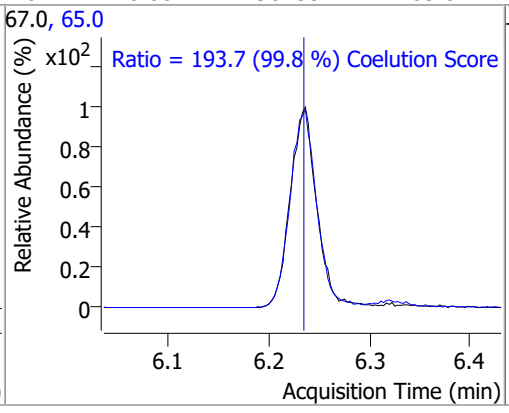


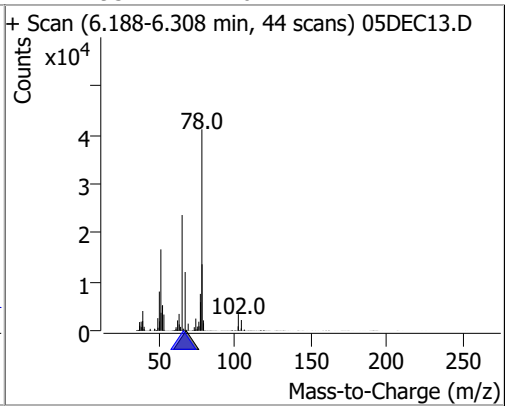




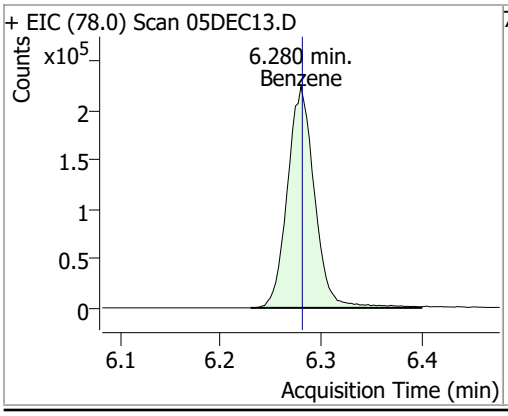
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	255.2127	6.24	0.00	90435	65.0	193.7	164.2	224.2

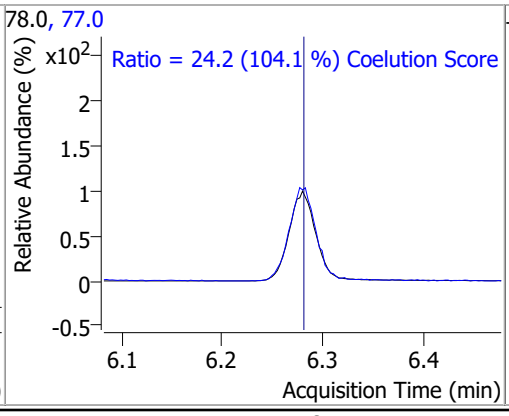


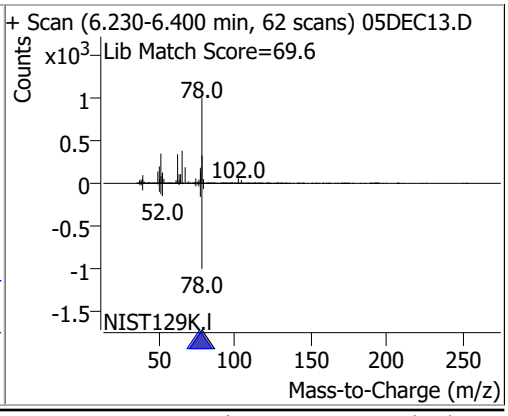




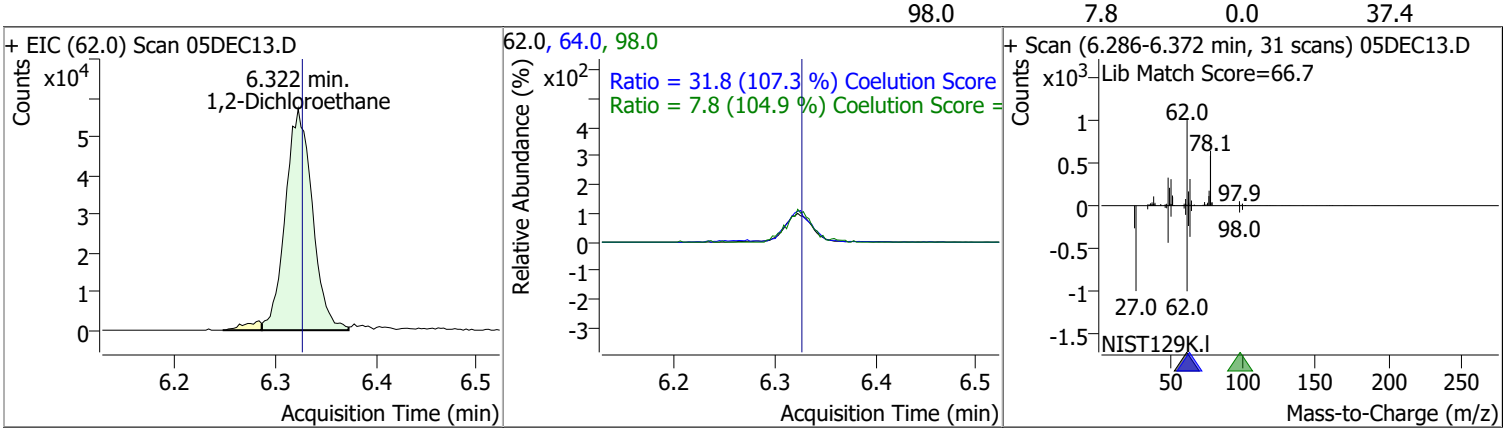
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	1269.9867	6.28	0.00	422426	77.0	24.2	0.0	53.3



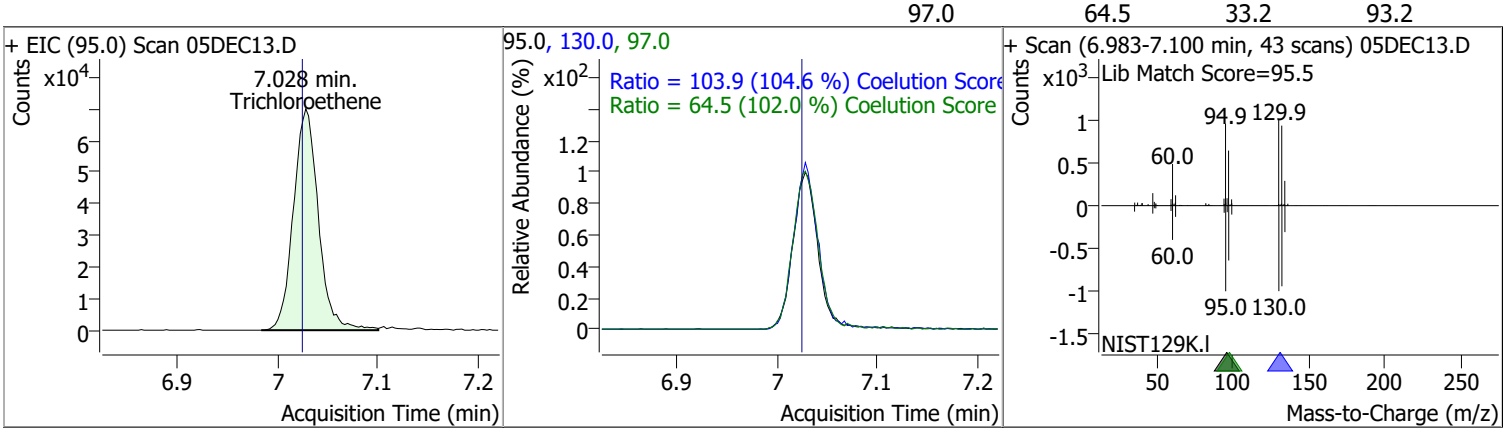




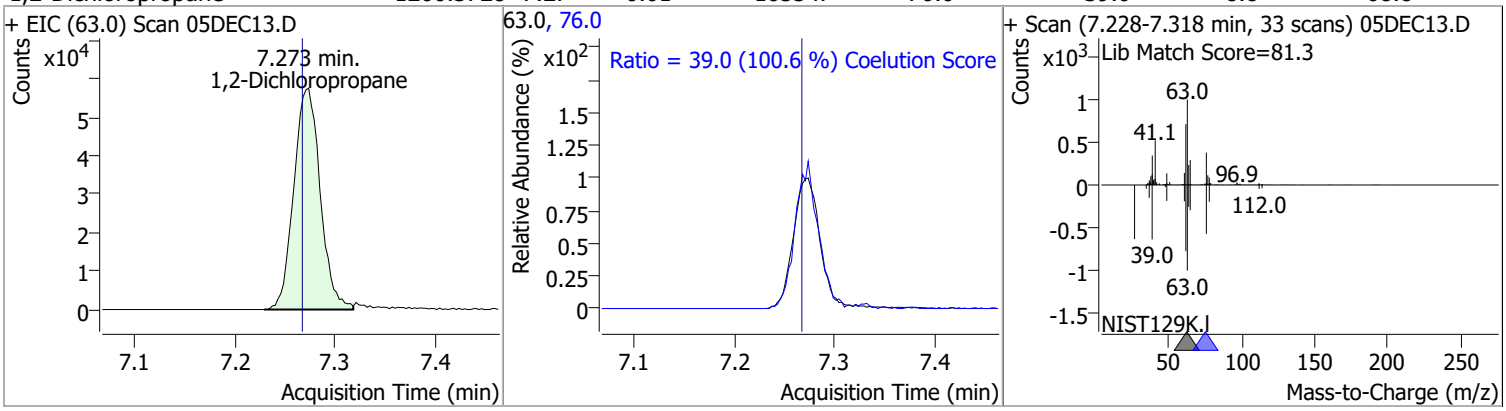
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	1219.7333	6.32	0.00	106795	64.0	31.8	0.0	59.6
					98.0	7.8	0.0	37.4



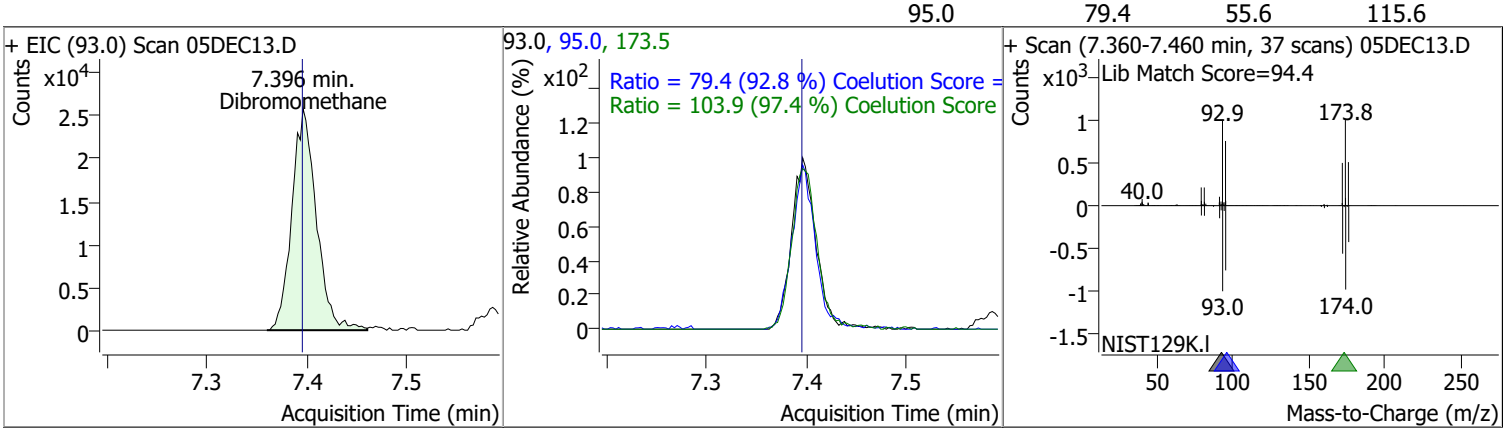
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	1211.8953	7.03	0.00	121491	130.0	103.9	69.3	129.3
					97.0	64.5	33.2	93.2



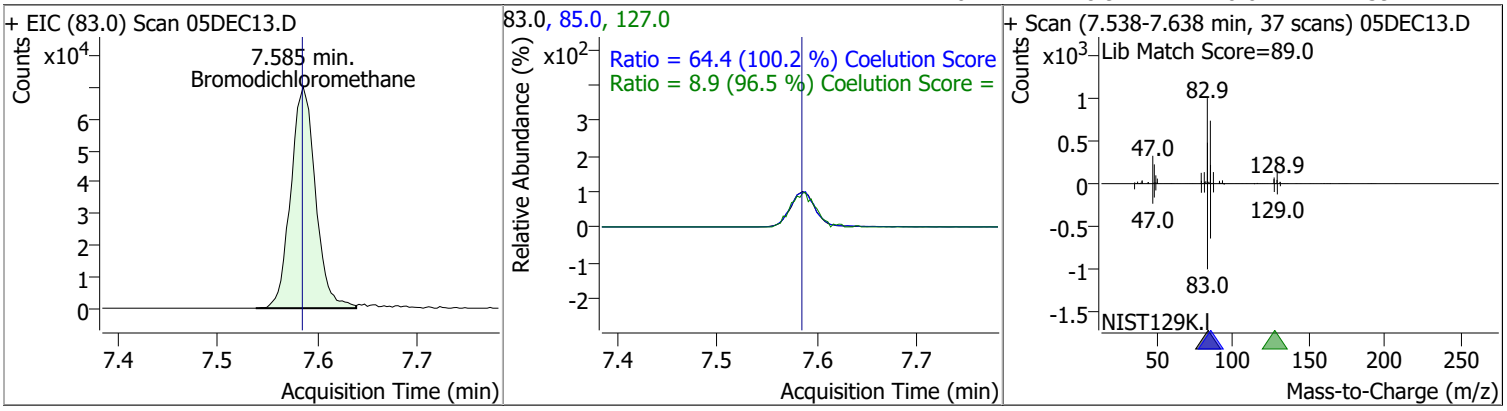
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	1266.5728	7.27	0.01	105547	76.0	39.0	8.8	68.8



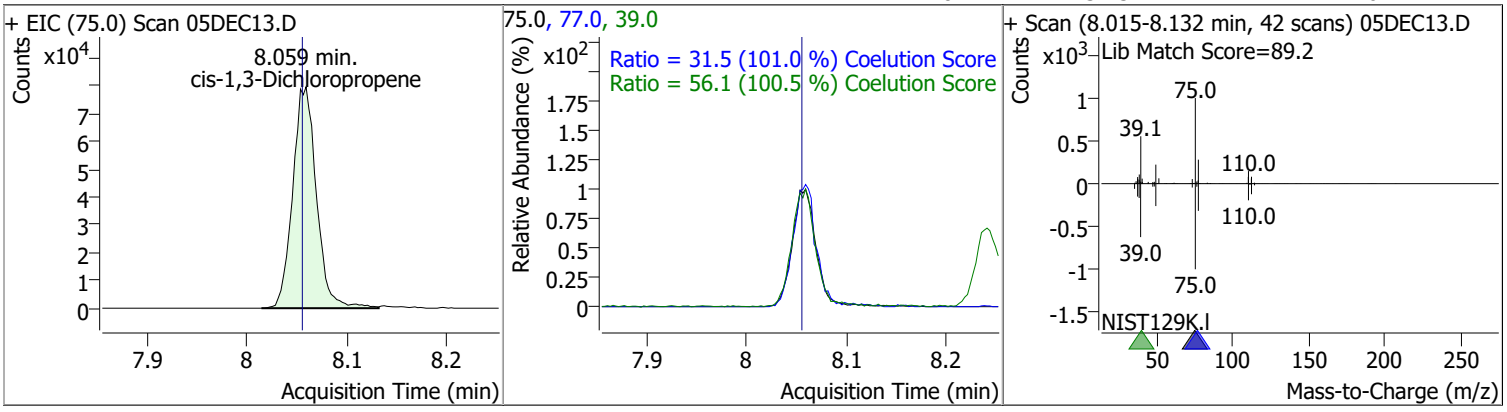
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	1257.1548	7.40	0.00	43965	173.5	103.9	76.6	136.6
					95.0	79.4	55.6	115.6



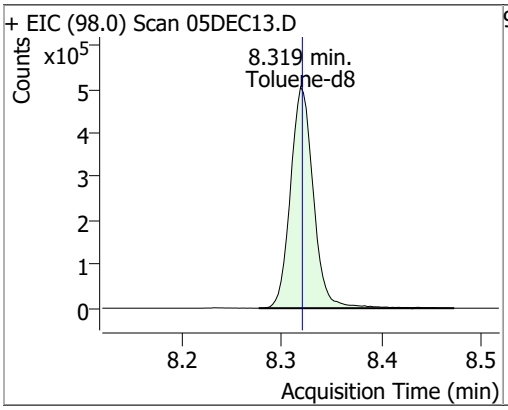
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	1219.4418	7.59	0.00	120502	85.0	64.4	34.3	94.3
					127.0	8.9	0.0	39.2

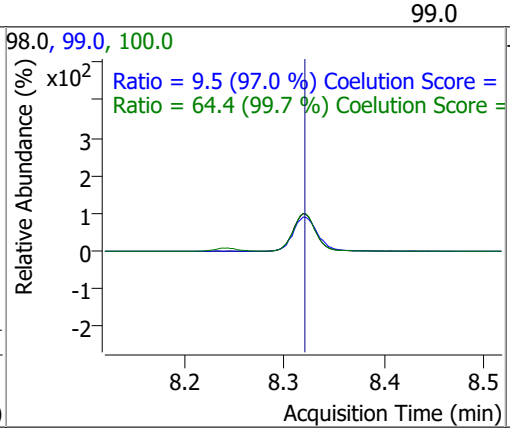


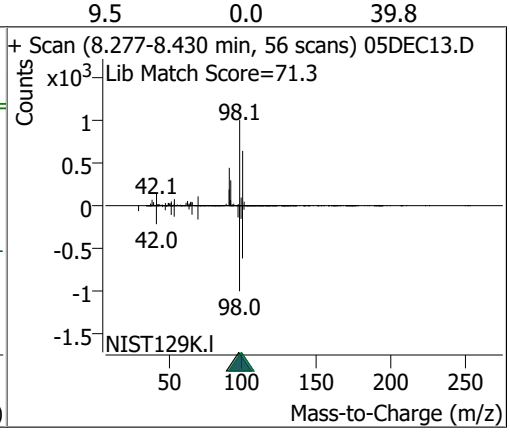
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	1204.2982	8.06	0.00	131224	39.0	56.1	25.9	85.9
					77.0	31.5	1.2	61.2



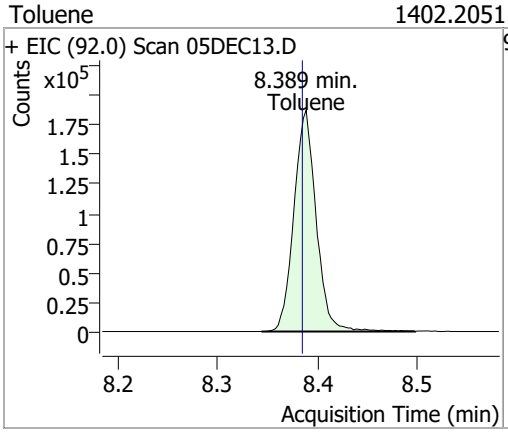
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	262.8017	8.32	0.00	803007	100.0	64.4	34.6	94.6
					99.0	9.5	0.0	39.8

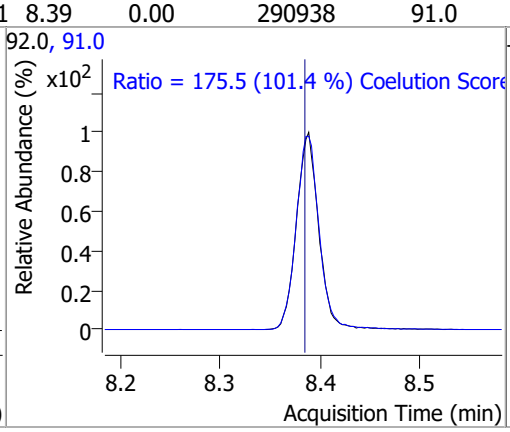


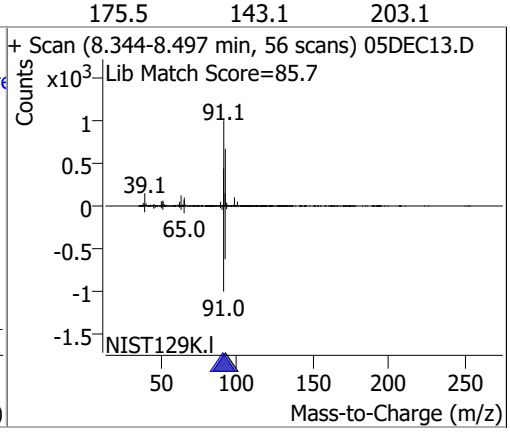




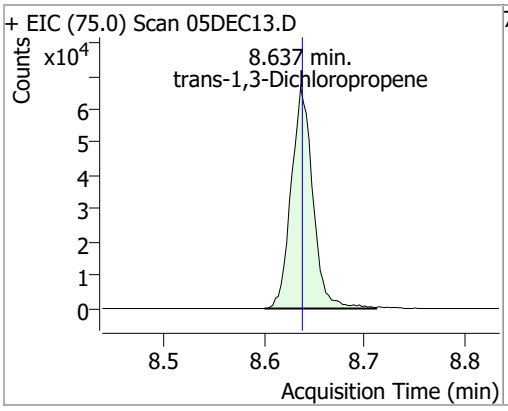
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1402.2051	8.39	0.00	290938	91.0	175.5	143.1	203.1

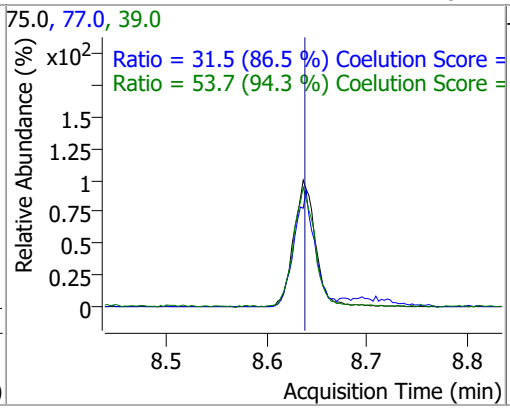


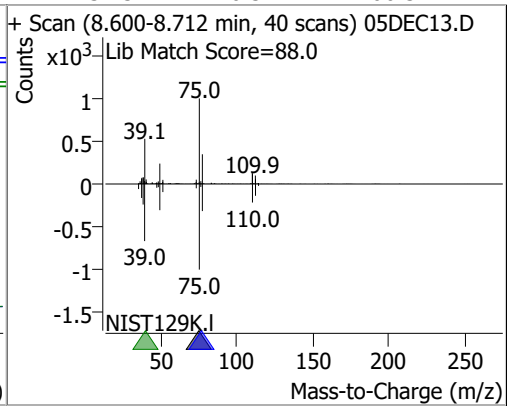




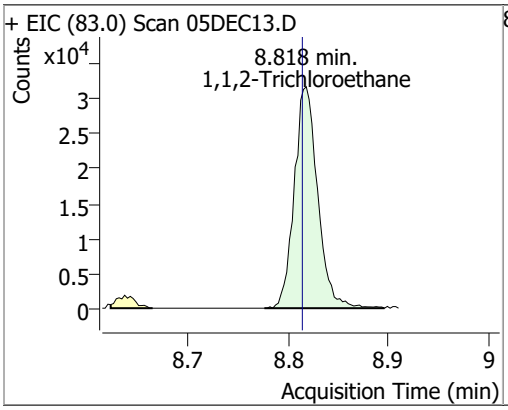
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	1293.2236	8.64	0.00	100423	39.0	53.7	27.0	87.0
					77.0	31.5	6.5	66.5

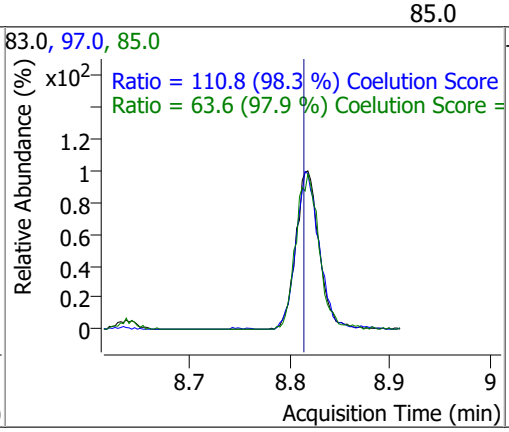


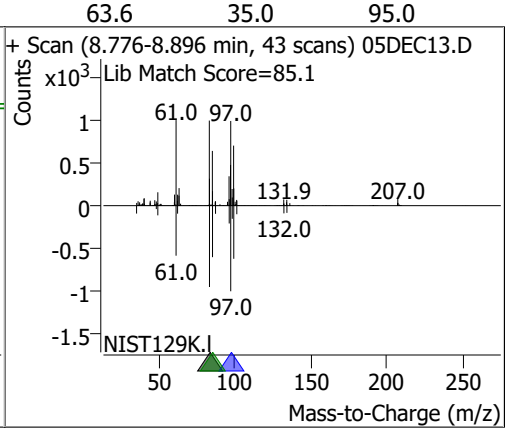




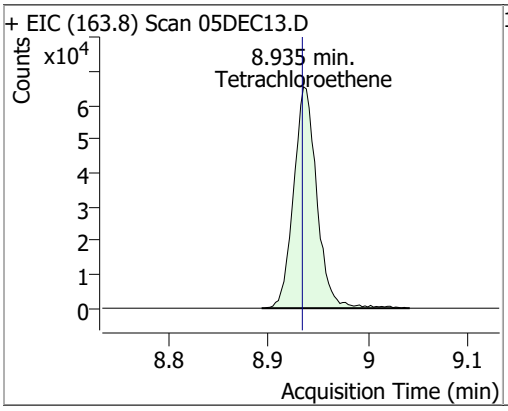
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	1279.3255	8.82	0.00	51622	97.0	110.8	82.7	142.7
					85.0	63.6	35.0	95.0

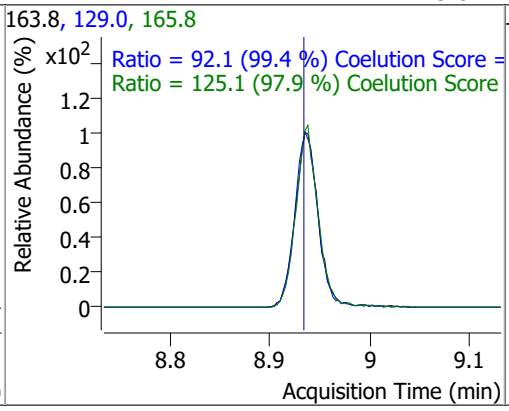


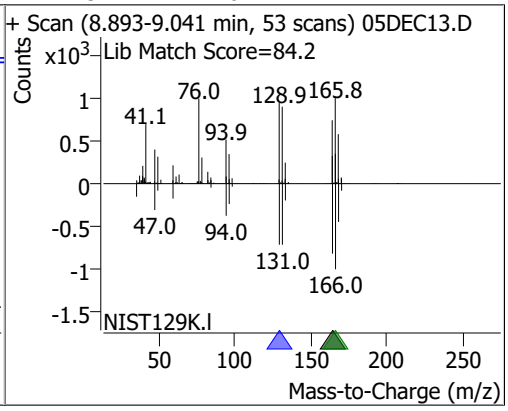




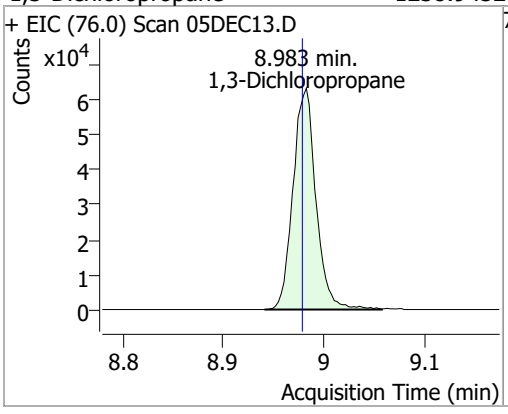
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	1271.1672	8.94	0.00	105569	165.8	125.1	97.7	157.7
					129.0	92.1	62.7	122.7

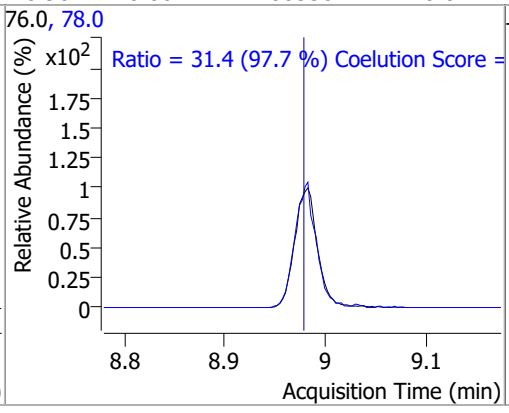


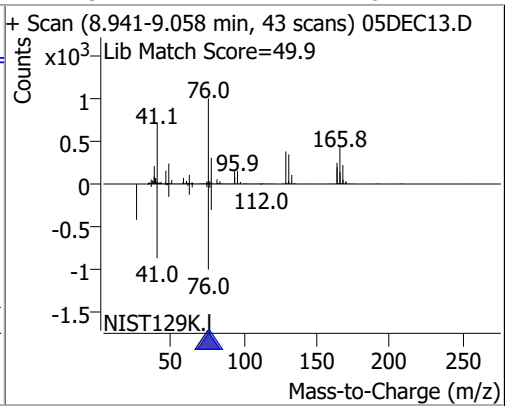




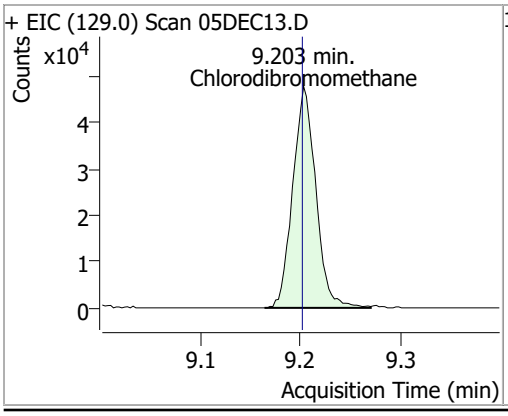
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	1238.9452	8.98	0.00	100530	78.0	31.4	2.1	62.1

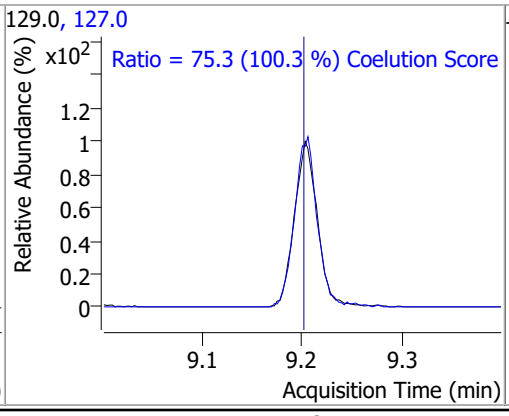


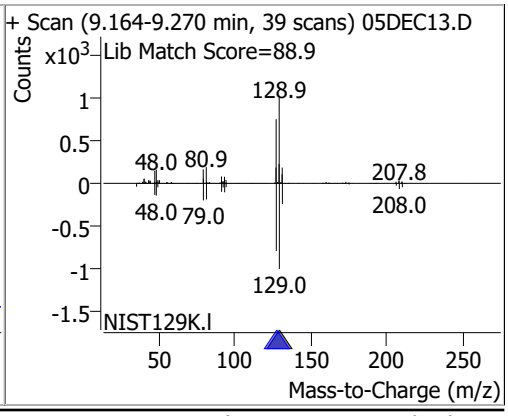




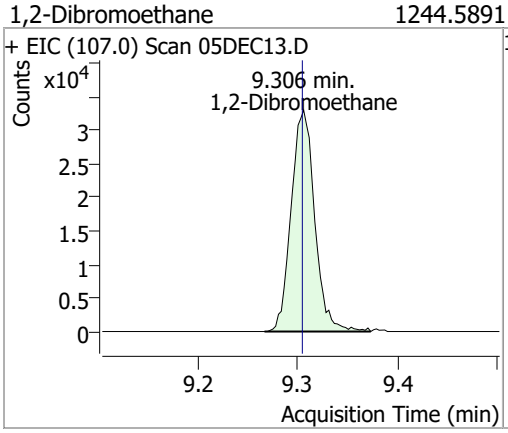
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	1266.5931	9.20	0.00	76418	127.0	75.3	45.1	105.1

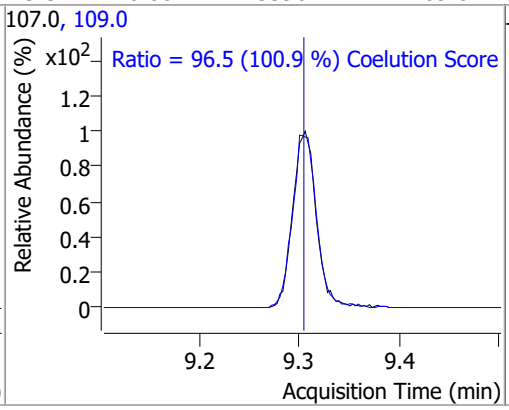


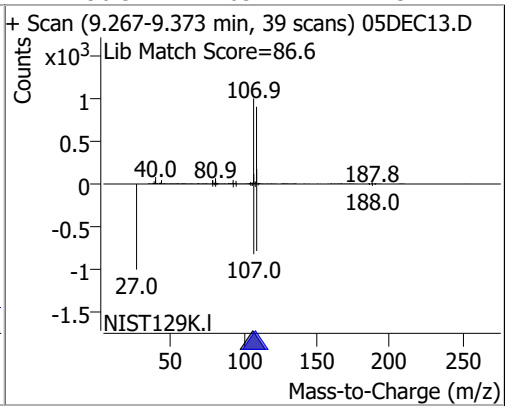




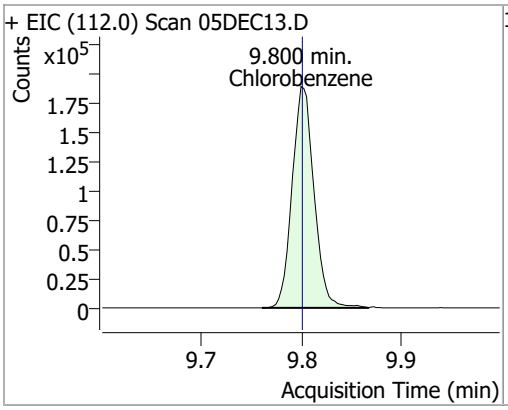
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	1244.5891	9.31	0.00	53962	109.0	96.5	65.7	125.7

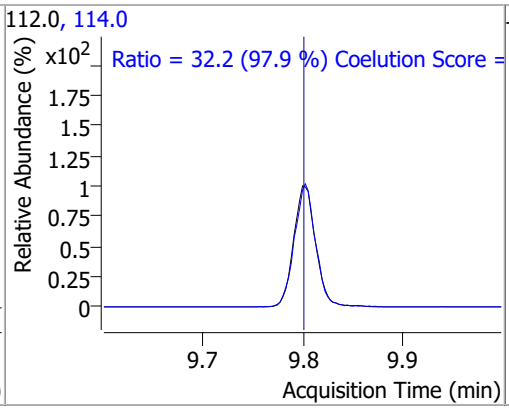


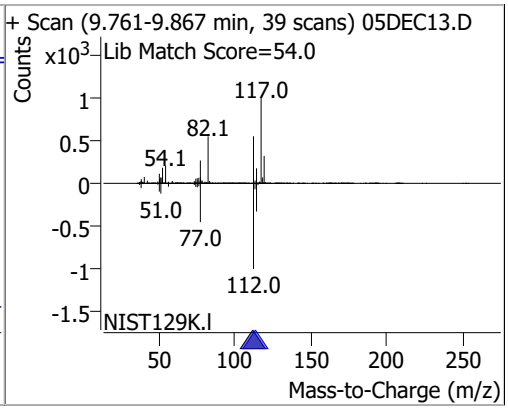




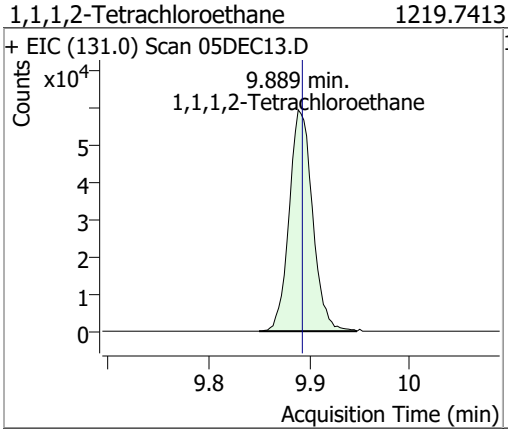
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	1274.0484	9.80	0.00	287237	114.0	32.2	2.9	62.9

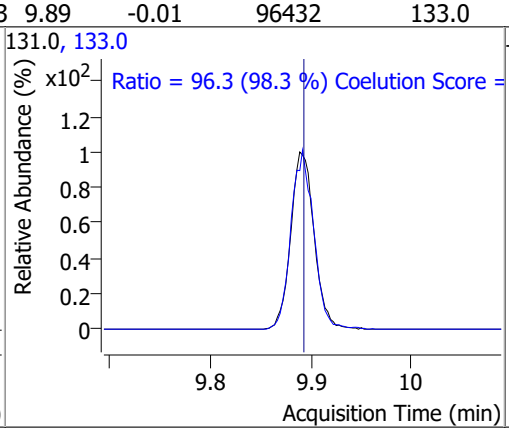


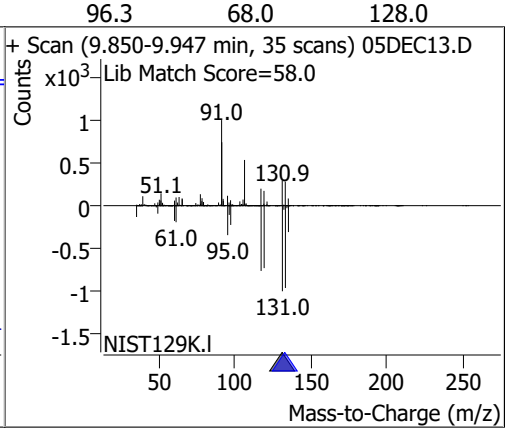




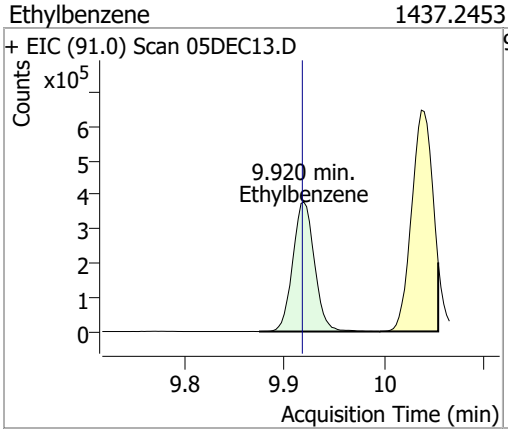
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	1219.7413	9.89	-0.01	96432	133.0	96.3	68.0	128.0

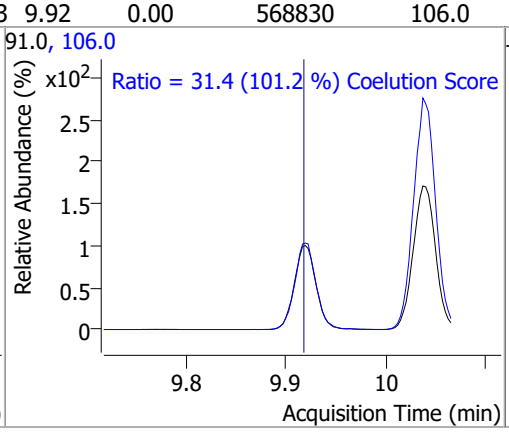


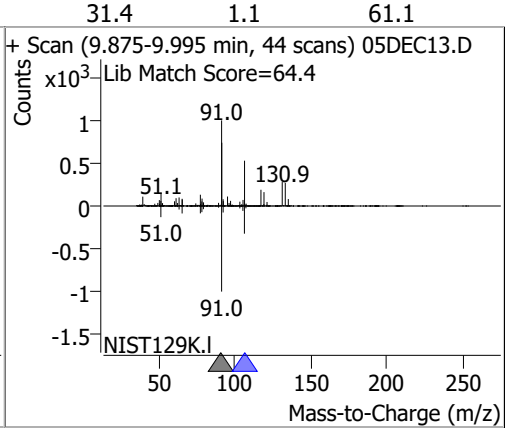




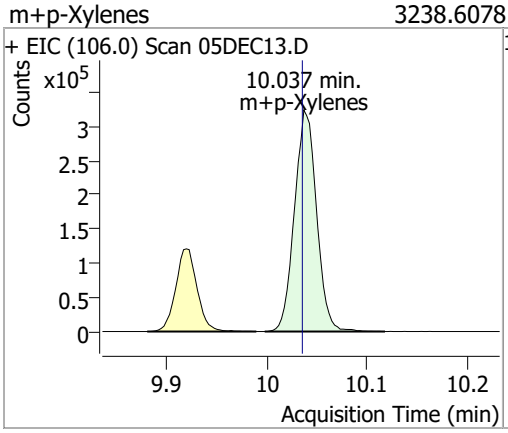
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	1437.2453	9.92	0.00	568830	106.0	31.4	1.1	61.1

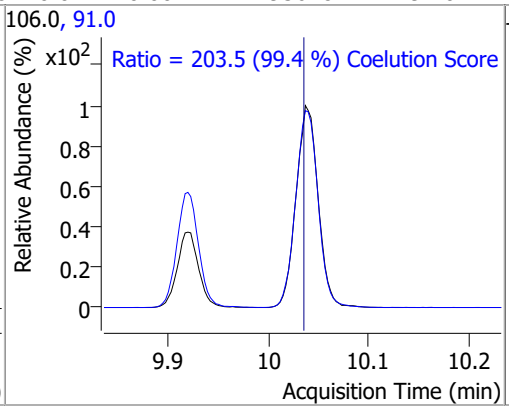


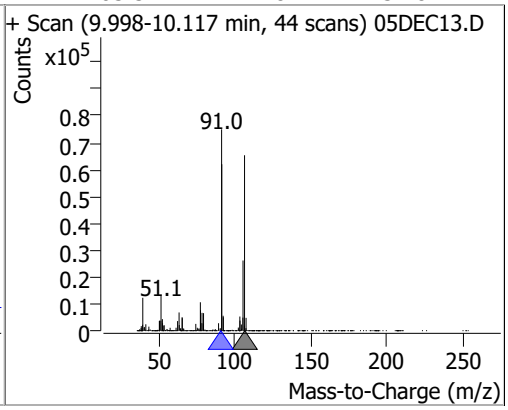




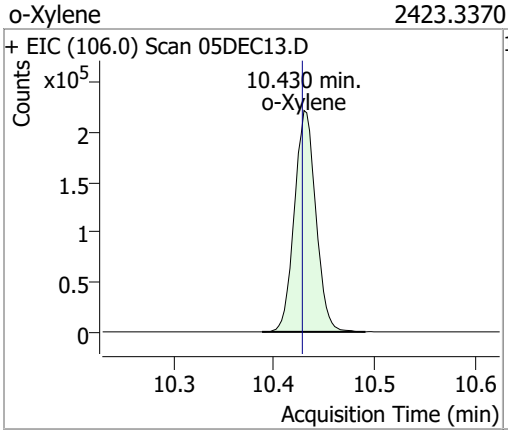
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	3238.6078	10.04	0.00	495628	91.0	203.5	174.8	234.8

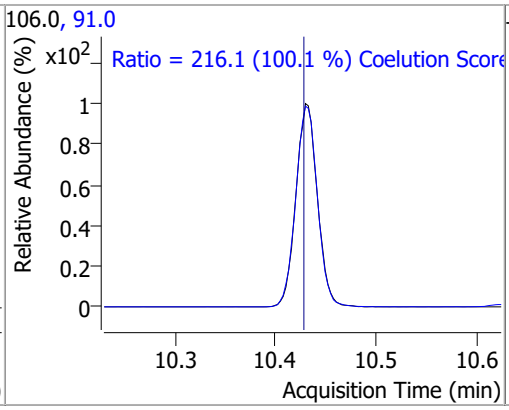


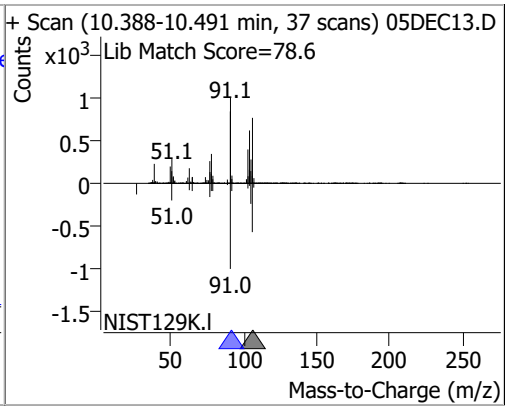




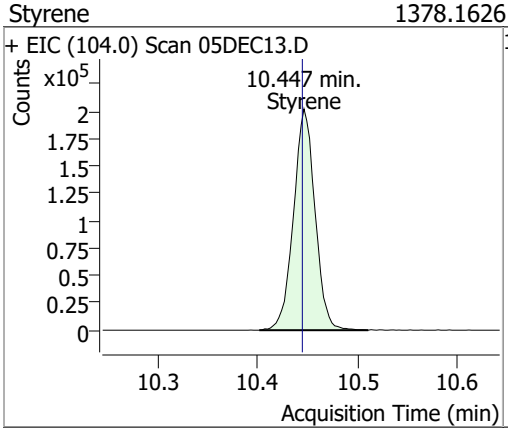
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	2423.3370	10.43	0.00	329635	91.0	216.1	186.0	246.0

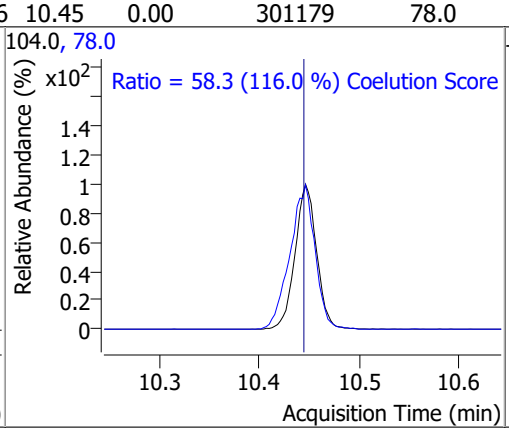


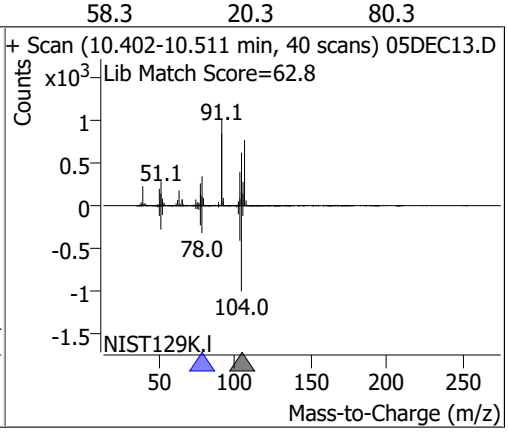




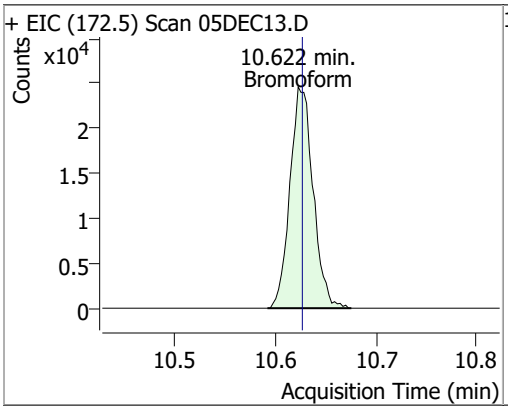
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	1378.1626	10.45	0.00	301179	78.0	58.3	20.3	80.3

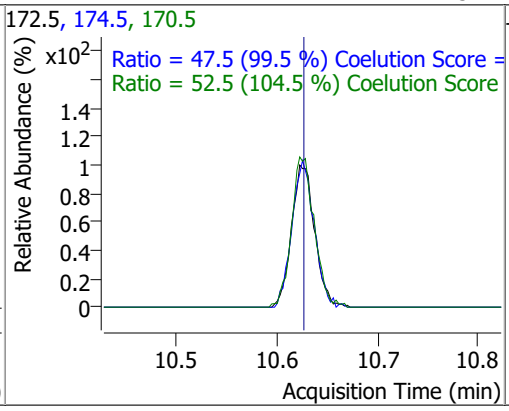


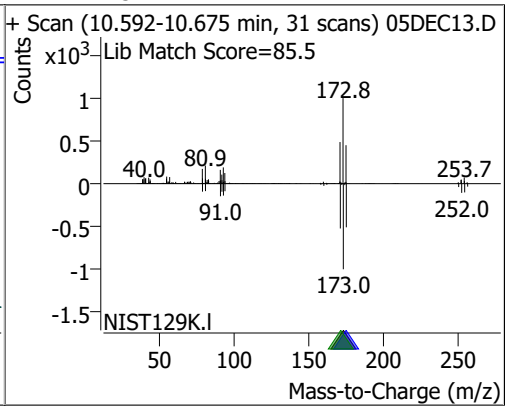




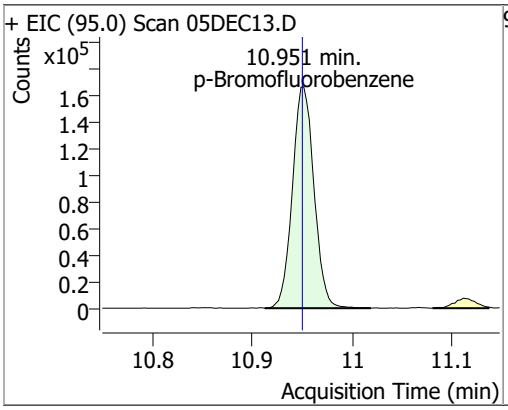
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	1286.5519	10.62	0.00	39402	170.5	52.5	20.2	80.2
					174.5	47.5	17.7	77.7

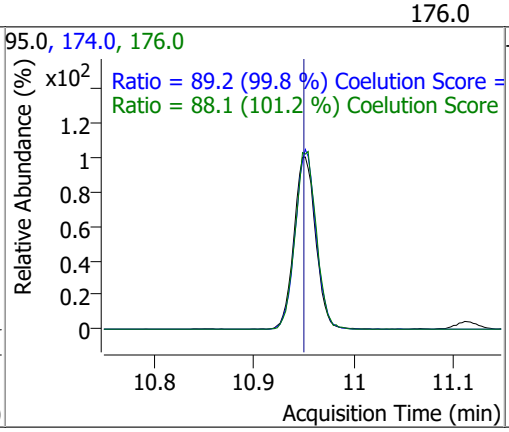


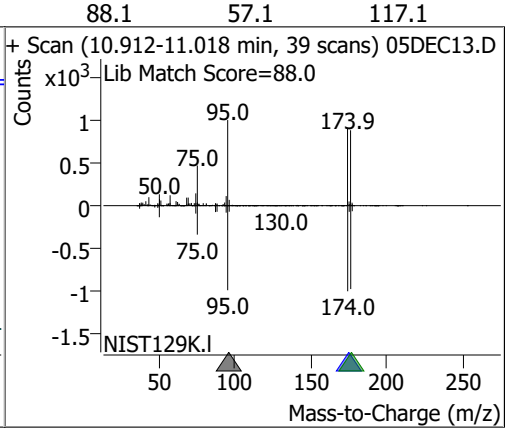




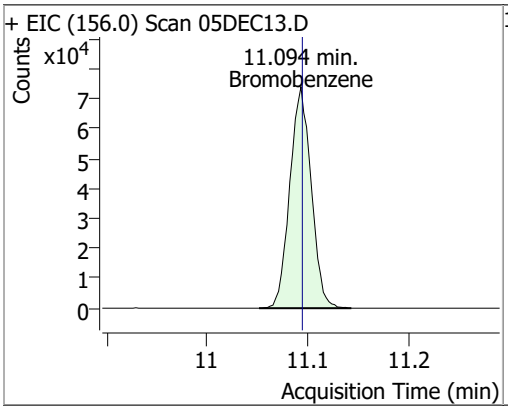
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	266.4989	10.95	0.00	250296	174.0	89.2	59.4	119.4
					176.0	88.1	57.1	117.1

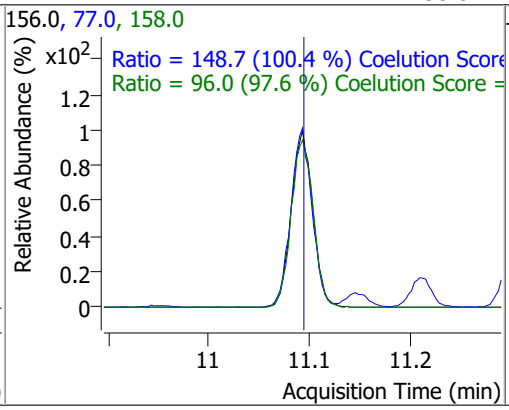


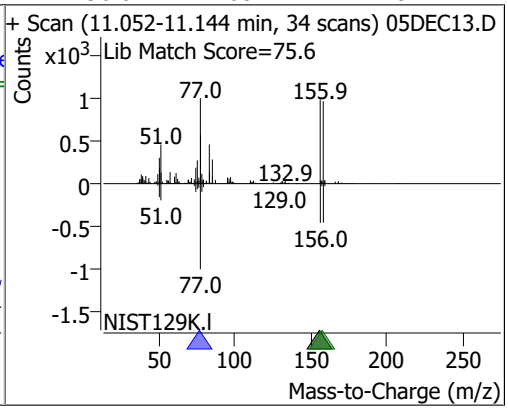




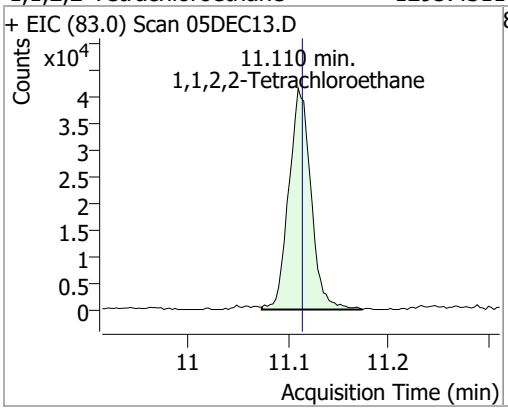
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	1311.6605	11.09	0.00	109361	77.0	148.7	118.1	178.1
					158.0	96.0	68.4	128.4

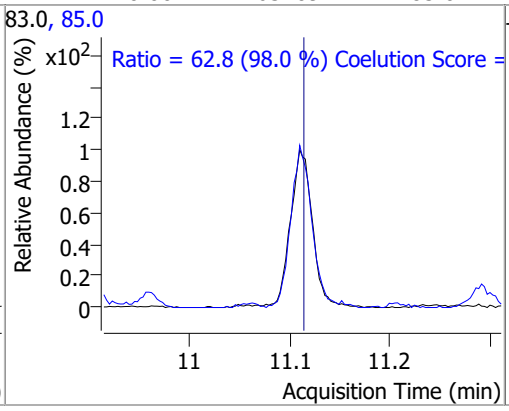


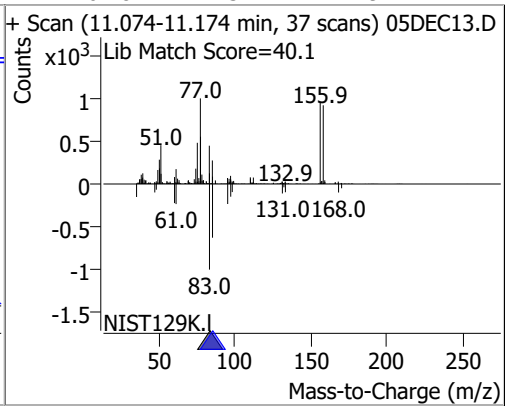




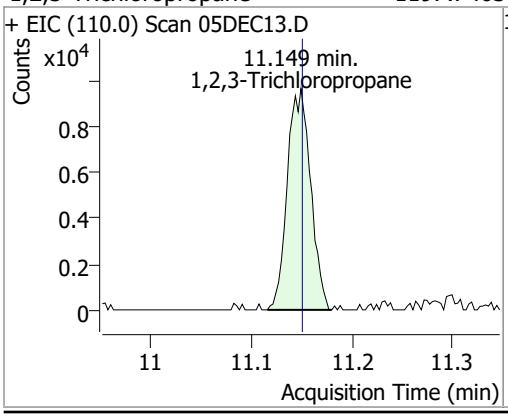
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	1295.4311	11.11	0.00	63709	85.0	62.8	34.1	94.1

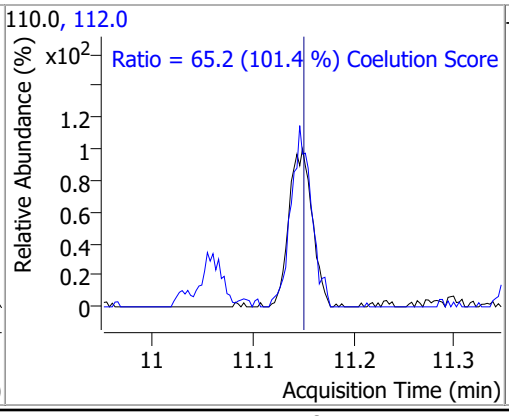


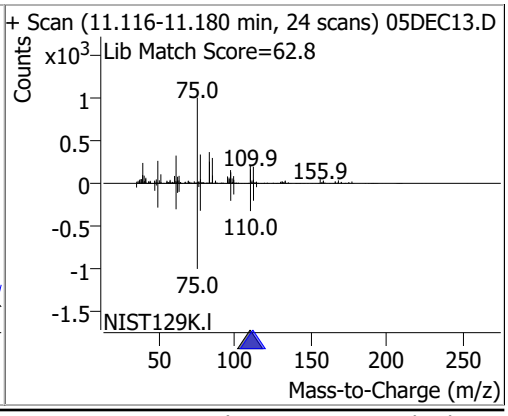




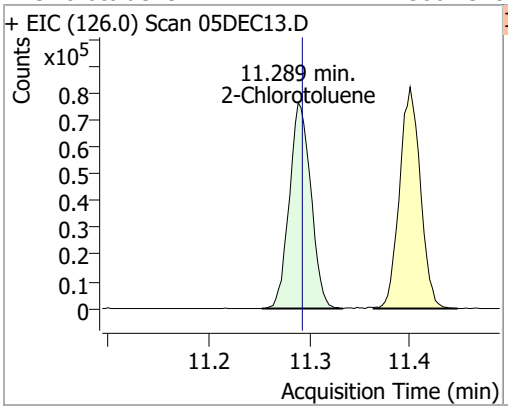
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	1197.7463	11.15	0.00	15617	112.0	65.2	34.3	94.3

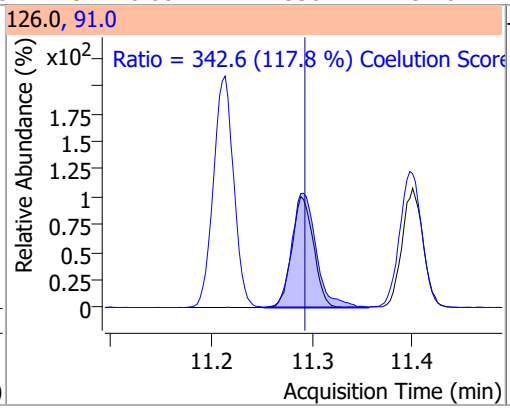


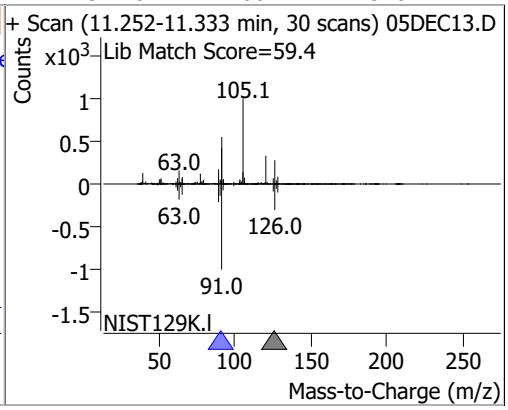




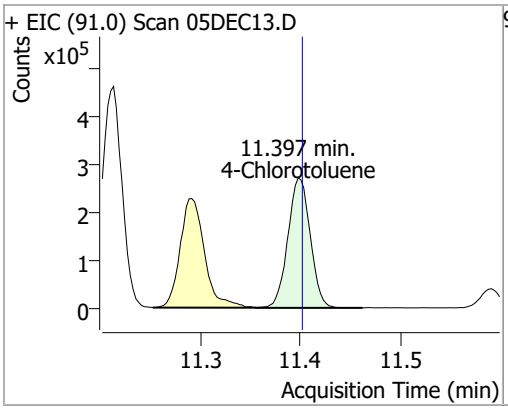
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	1386.1318	11.29	0.00	113501	91.0	342.6	260.7	320.7

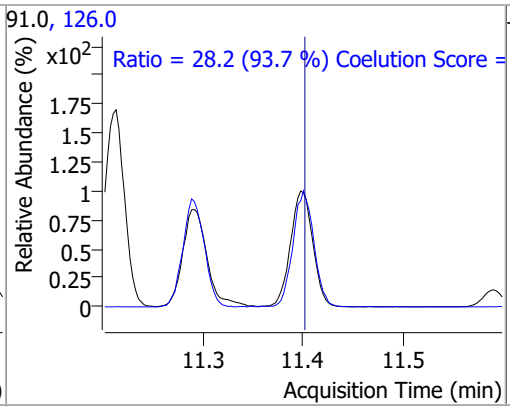


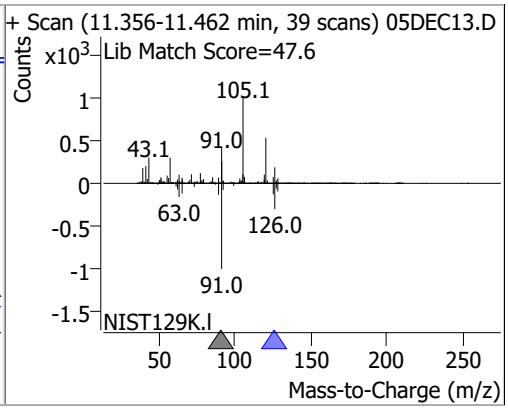




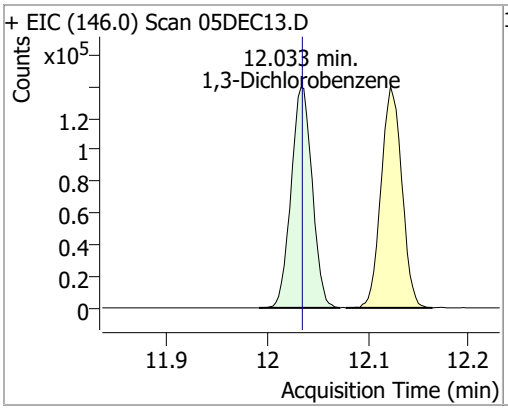
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	1514.0143	11.40	0.00	420550	126.0	28.2	0.1	60.1

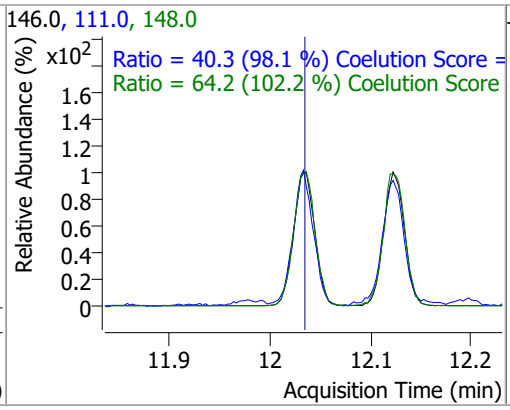


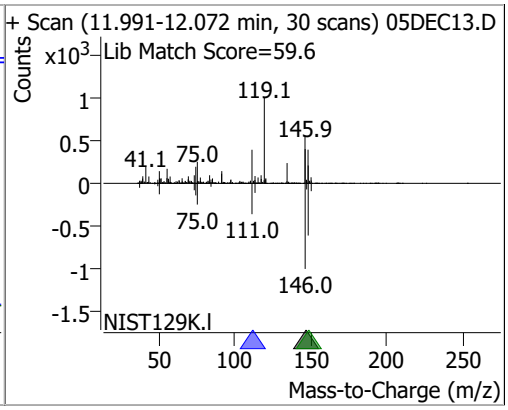




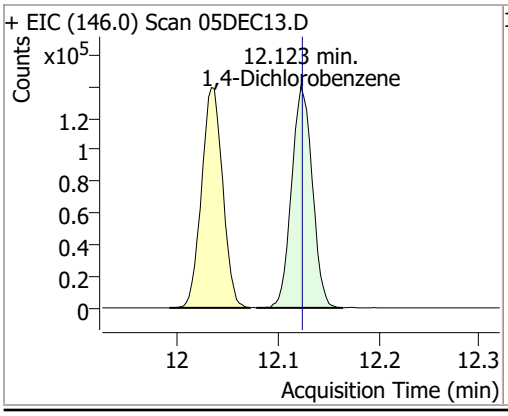
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	1360.7151	12.03	0.00	203849	148.0	64.2	32.9	92.9
					111.0	40.3	11.0	71.0

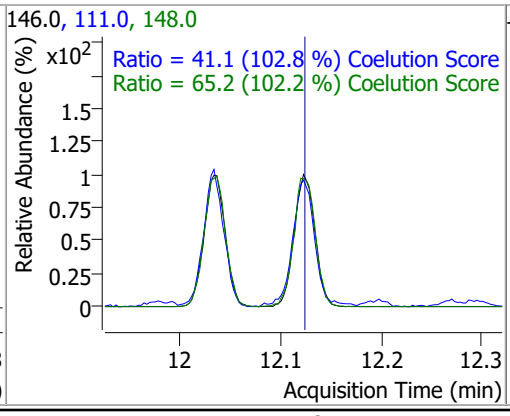


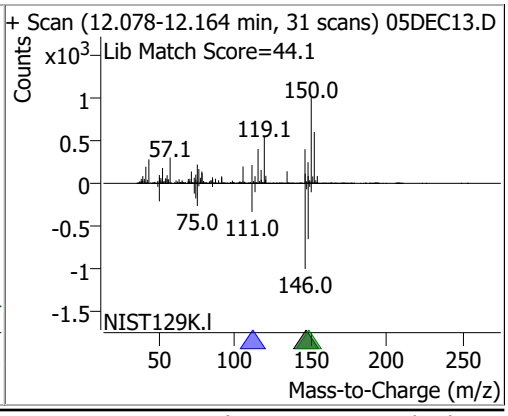




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	1305.6210	12.12	0.00	201395	148.0	65.2	33.8	93.8
					111.0	41.1	10.0	70.0

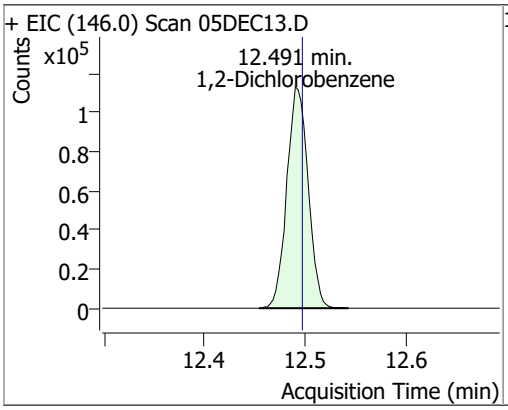


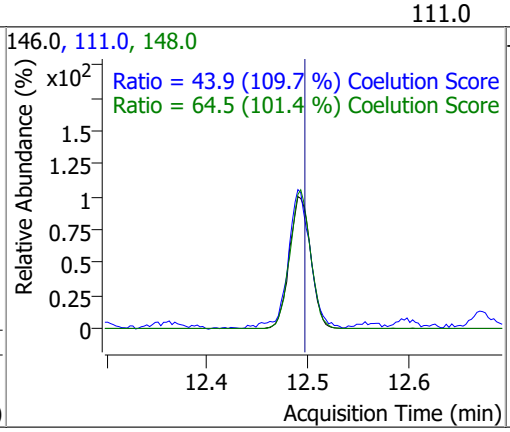


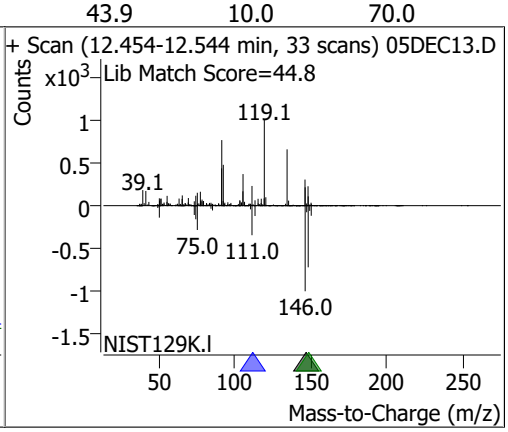


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	1341.4452	12.49	-0.01	166764	148.0	64.5	33.5	93.5
					111.0	43.9	10.0	70.0



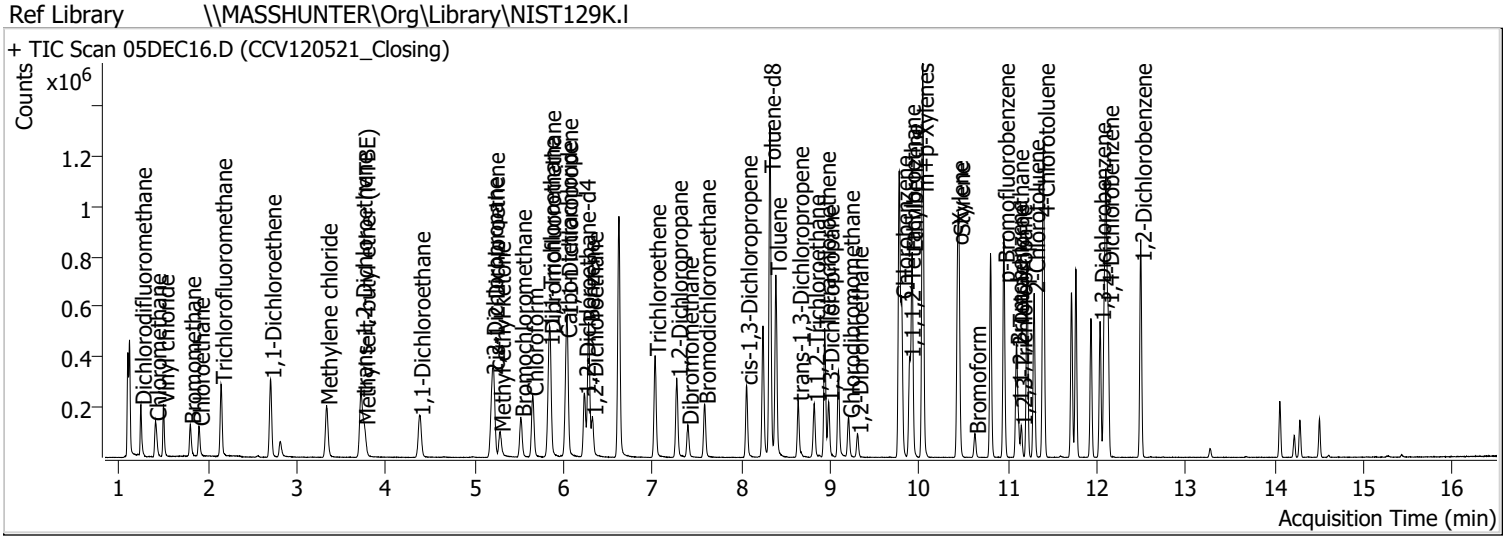




Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

Data File	05DEC16.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	12/5/2021 5:57:37 PM
Sample Name	CCV120521_Closing	Instrument	VOA5975C
Vial	16	Multiplier	1.00
DA Method File	VOA5975C_120421_8260B_SHT_CAL_LevelIV.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG120521_8260B_SHT.batch.bin	Last Calib Update	1/29/2022 4:13:11 PM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		

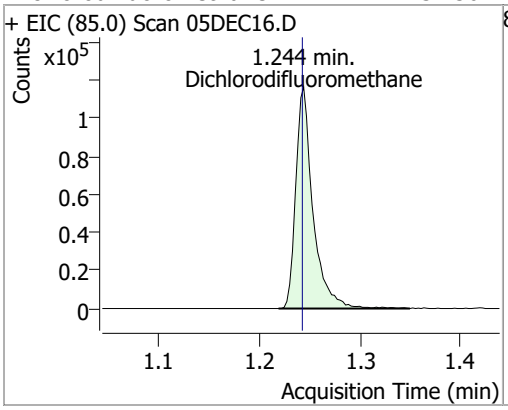


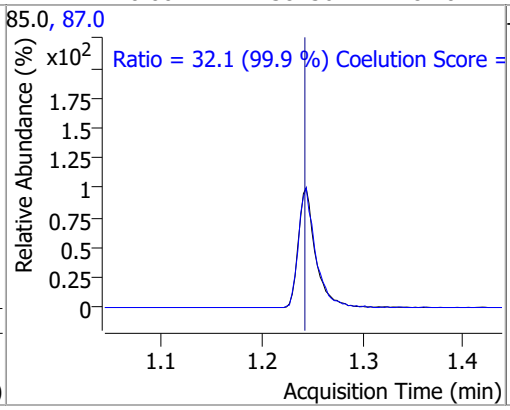
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M Fluorobenzene	6.620	96.0	810709	250.0000	ng	0.000
M Chlorobenzene-d5	9.772	82.0	310089	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	248436	250.0000	ng	0.000
System Monitoring Compounds						
S Dibromofluoromethane	5.848	113.0	201806	261.3726	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 104.55%		
S 1,2-Dichloroethane-d4	6.236	67.0	89164	250.9986	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 100.40%		
S Toluene-d8	8.319	98.0	809772	264.3644	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 105.75%		
S p-Bromofluorobenzene	10.951	95.0	252895	265.2104	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.08%		
Target Compounds						**QValue**
T Dichlorodifluoromethane	1.244	85.0	138456	123.7567	ng	100
T Chloromethane	1.408	50.0	153930	119.6600	ng	98
T Vinyl chloride	1.498	62.0	148242	120.7775	ng	100
T Bromomethane	1.799	96.0	63261	129.5186	ng	99
T Chloroethane	1.896	64.0	80833	118.3449	ng	99
T Trichlorofluoromethane	2.145	101.0	197185	122.9008	ng	99
T 1,1-Dichloroethene	2.702	96.0	108429	126.5197	ng	99
T Methylene chloride	3.333	49.0	143158	120.5518	ng	97
T trans-1,2-Dichloroethene	3.723	96.0	109123	127.5089	ng	99
T Methyl tert-butyl ether (MTBE)	3.759	73.0	138849	128.4540	ng	98
T 1,1-Dichloroethane	4.376	63.0	207240	127.4311	ng	99
T 2,2-Dichloropropane	5.195	77.0	154131	127.7818	ng	99
T cis-1,2-Dichloroethene	5.212	96.0	114347	130.3254	ng	98
T Methyl ethyl ketone	5.282	43.0	133487	1184.0156	ng	96
T Bromochloromethane	5.516	128.0	43132	128.6876	ng	100
T Chloroform	5.650	83.0	197931	126.8425	ng	99

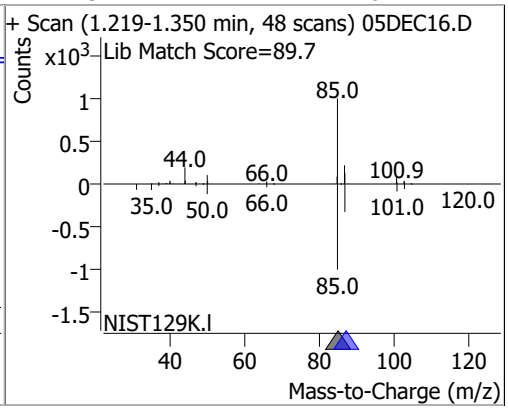
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	189417	125.8834	ng	100
T Carbon tetrachloride	6.026	117.0	184667	125.8491	ng	98
T 1,1-Dichloropropene	6.038	75.0	171169	130.6402	ng	99
T Benzene	6.280	78.0	435043	130.4658	ng	99
T 1,2-Dichloroethane	6.322	62.0	113288	129.0666	ng	96
T Trichloroethene	7.028	95.0	125828	125.2073	ng	100
T 1,2-Dichloropropane	7.270	63.0	108844	130.2927	ng	98
T Dibromomethane	7.396	93.0	44328	126.4420	ng	99
T Bromodichloromethane	7.585	83.0	123473	124.6437	ng	100
T cis-1,3-Dichloropropene	8.057	75.0	140623	128.7385	ng	99
T Toluene	8.386	92.0	271045	130.3119	ng	99
T trans-1,3-Dichloropropene	8.637	75.0	100998	129.7432	ng	96
T 1,1,2-Trichloroethane	8.818	83.0	52476	129.7294	ng	99
T Tetrachloroethene	8.935	163.8	104623	125.6681	ng	98
T 1,3-Dichloropropane	8.980	76.0	104757	128.7867	ng	98
T Chlorodibromomethane	9.205	129.0	77176	127.6013	ng	98
T 1,2-Dibromoethane	9.303	107.0	56000	128.8420	ng	100
T Chlorobenzene	9.802	112.0	286443	126.7404	ng	99
T 1,1,1,2-Tetrachloroethane	9.891	131.0	97266	122.7267	ng	97
T Ethylbenzene	9.919	91.0	516682	130.2277	ng	99
T m+p-Xylenes	10.039	106.0	405241	264.1480	ng	99
T o-Xylene	10.430	106.0	179116	131.3549	ng	99
T Styrene	10.446	104.0	291380	133.0047	ng	98
T Bromoform	10.628	172.5	39508	127.0582	ng	99
T Bromobenzene	11.091	156.0	108357	128.0044	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	62488	125.1466	ng	100
T 1,2,3-Trichloropropane	11.149	110.0	16192	122.3141	ng	97
T 2-Chlorotoluene	11.291	126.0	110918	133.4184	ng	100
T 4-Chlorotoluene	11.400	91.0	371761	131.8211	ng	98
T 1,3-Dichlorobenzene	12.033	146.0	196482	129.1785	ng	98
T 1,4-Dichlorobenzene	12.122	146.0	196576	125.5185	ng	100
T 1,2-Dichlorobenzene	12.490	146.0	160783	127.3854	ng	98

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

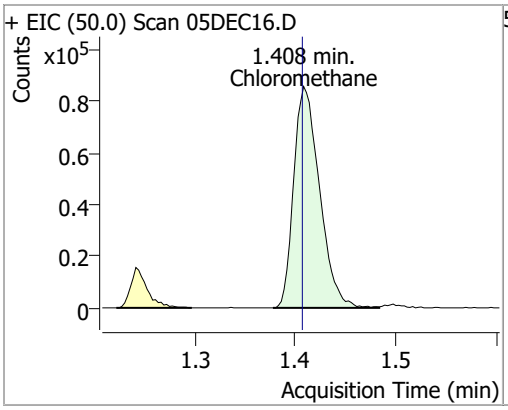
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	123.7567	1.24	0.00	138456	87.0	32.1	2.1	62.1

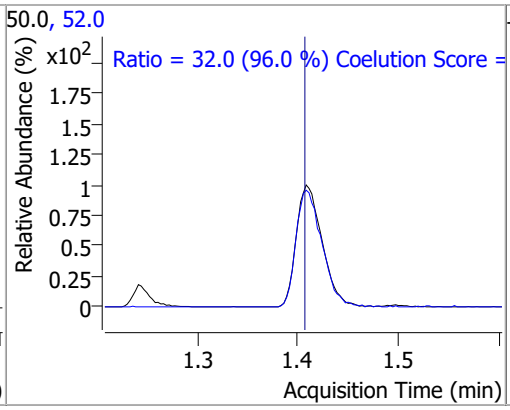


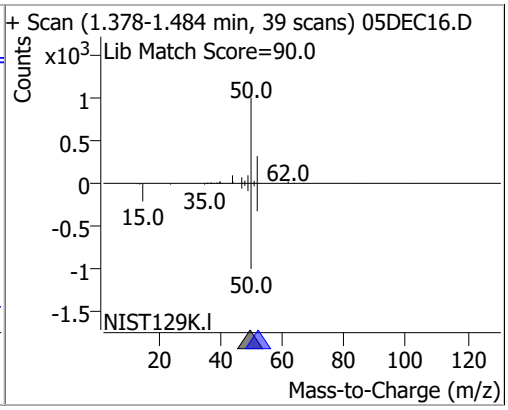




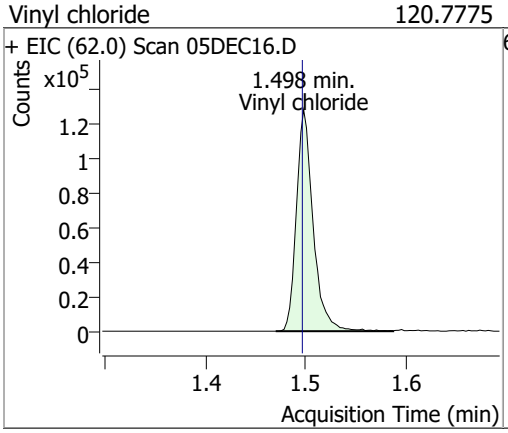
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	119.6600	1.41	0.00	153930	52.0	32.0	3.4	63.4

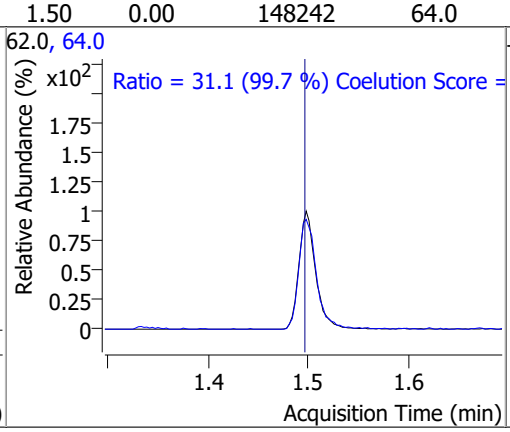


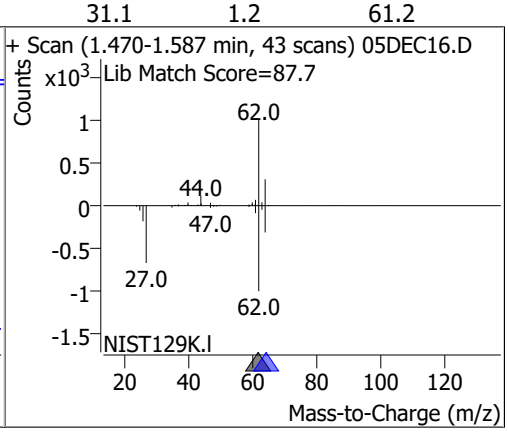




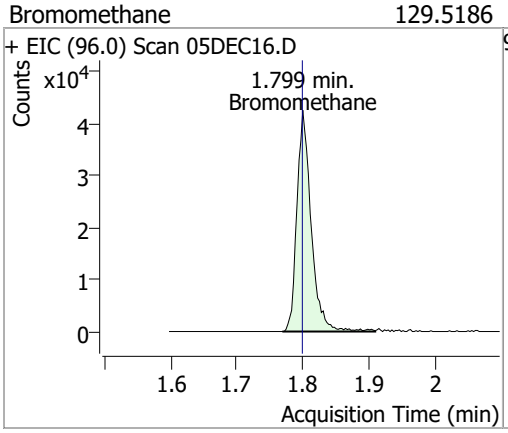
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	120.7775	1.50	0.00	148242	64.0	31.1	1.2	61.2

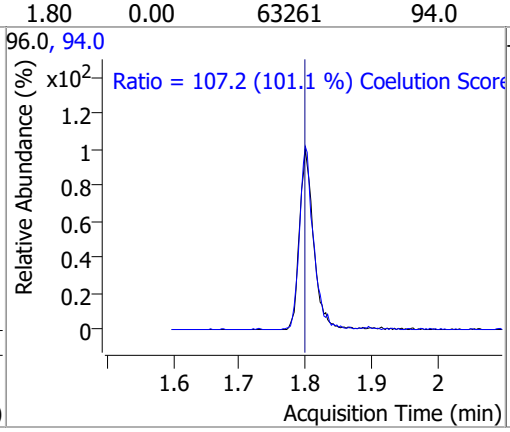


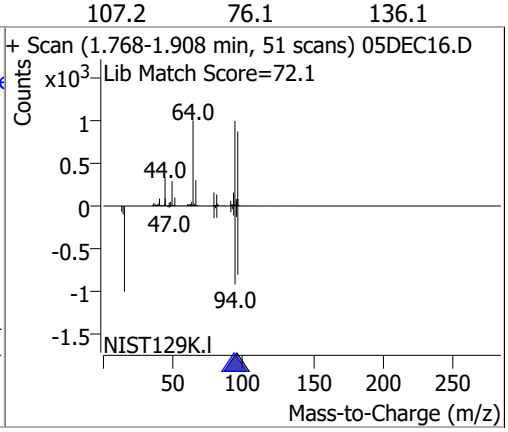




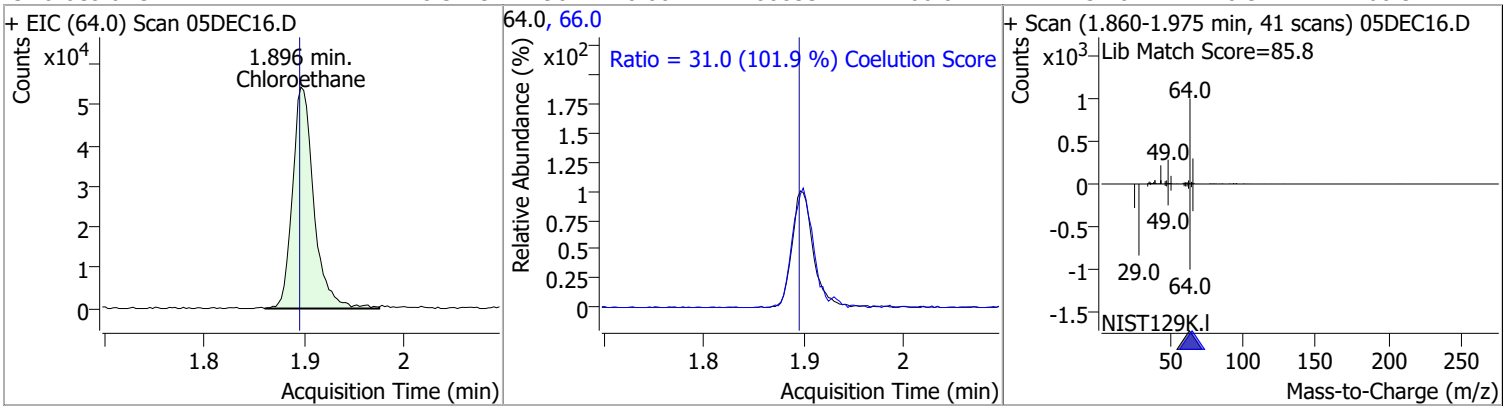
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	129.5186	1.80	0.00	63261	94.0	107.2	76.1	136.1



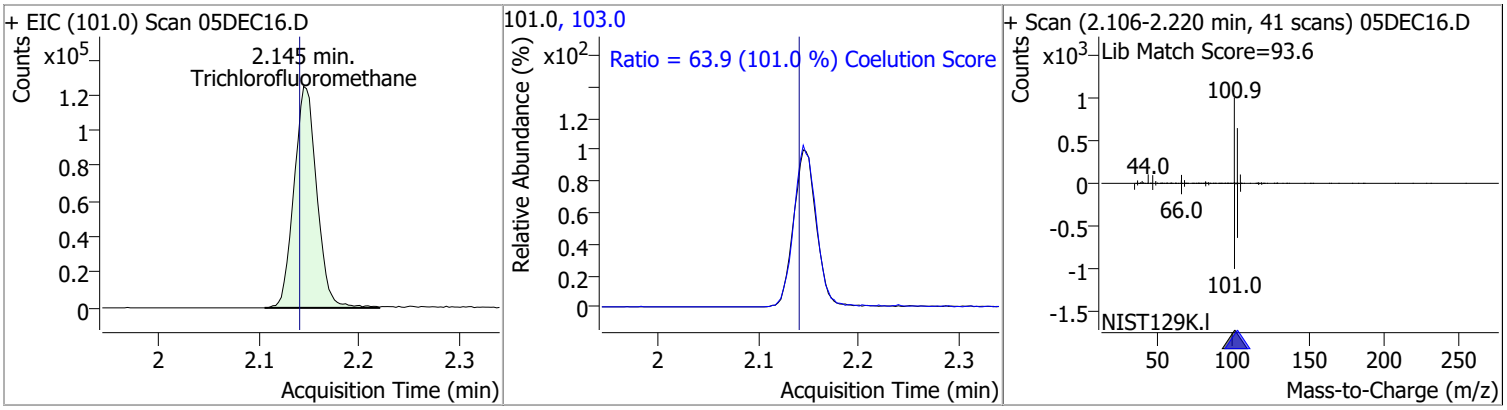




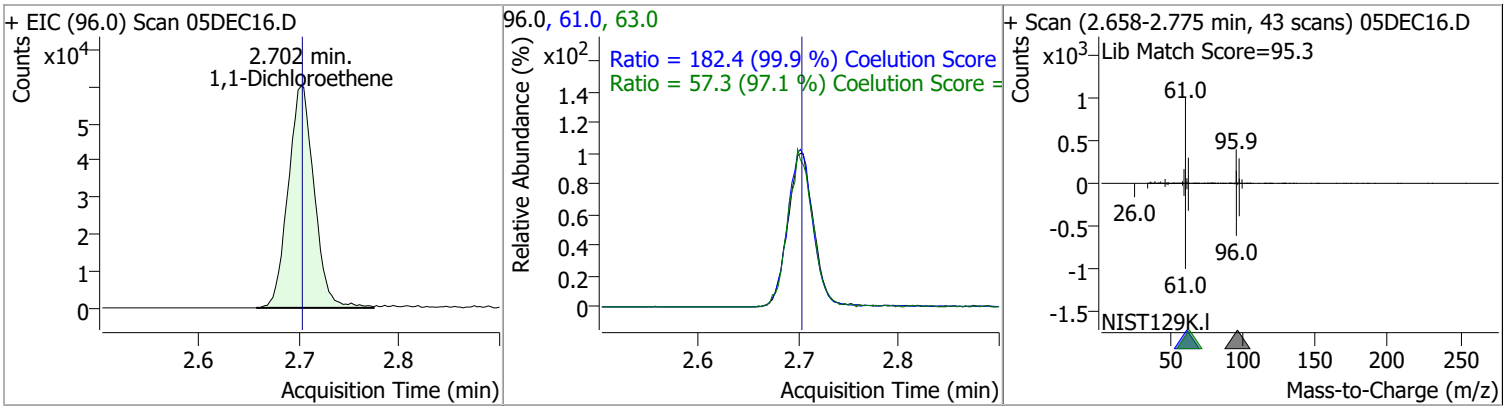
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	118.3449	1.90	0.00	80833	66.0	31.0	0.5	60.5



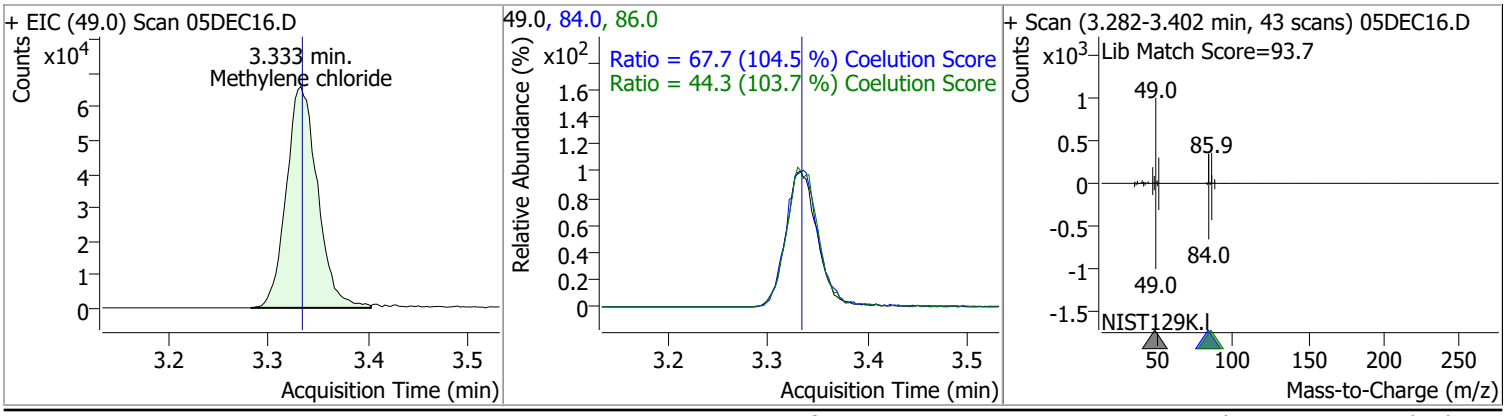
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	122.9008	2.14	0.00	197185	103.0	63.9	33.3	93.3



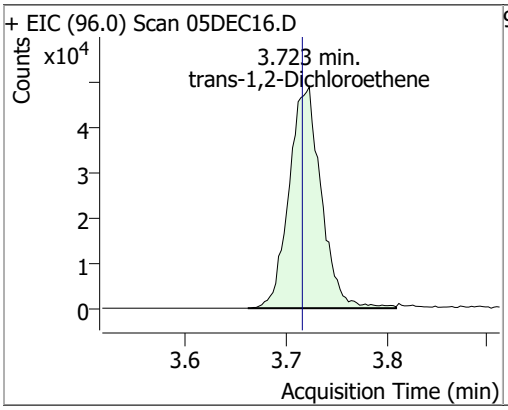
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	126.5197	2.70	0.00	108429	61.0	182.4	152.6	212.6
					63.0	57.3	28.9	88.9

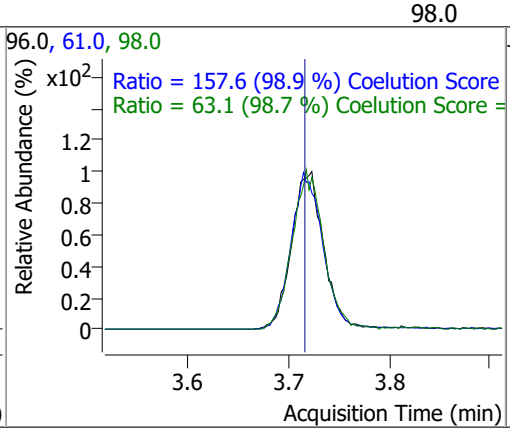


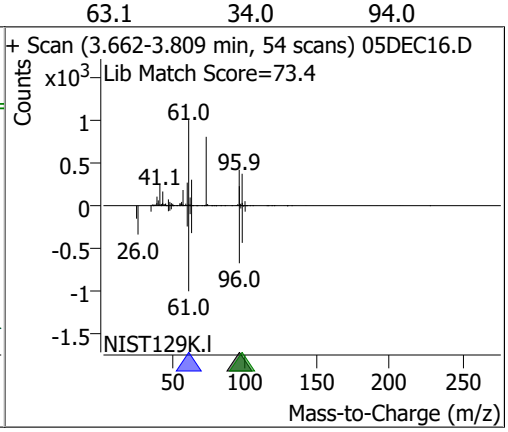
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	120.5518	3.33	0.00	143158	84.0	67.7	34.8	94.8
					86.0	44.3	12.7	72.7



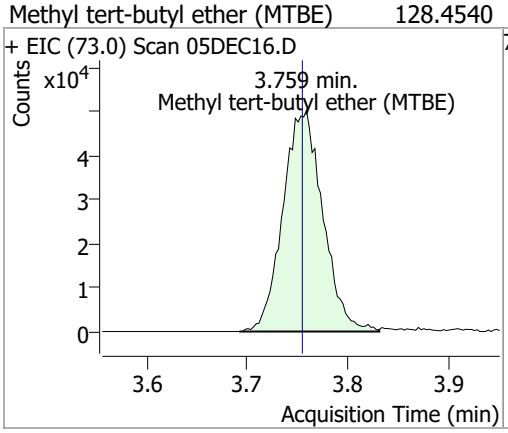
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	127.5089	3.72	0.01	109123	61.0	157.6	129.4	189.4
					98.0	63.1	34.0	94.0

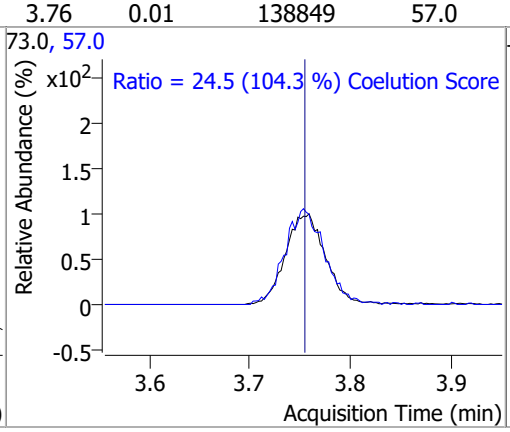


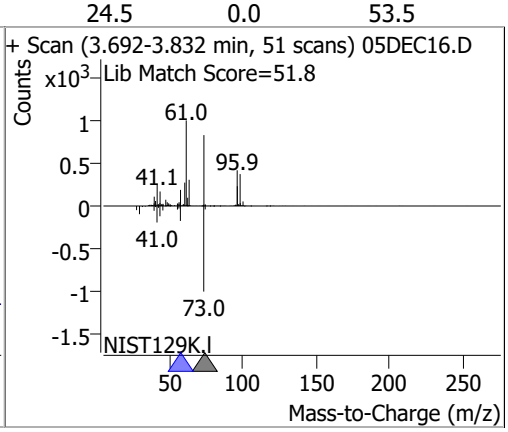




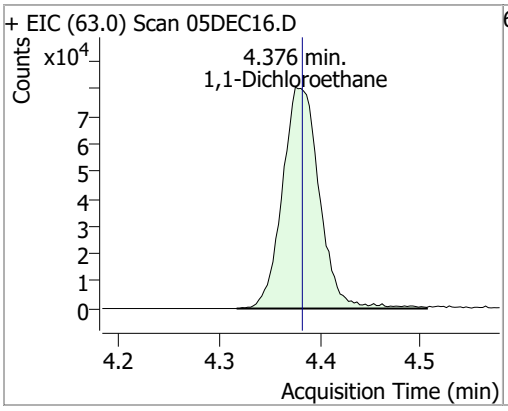
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	128.4540	3.76	0.01	138849	57.0	24.5	0.0	53.5

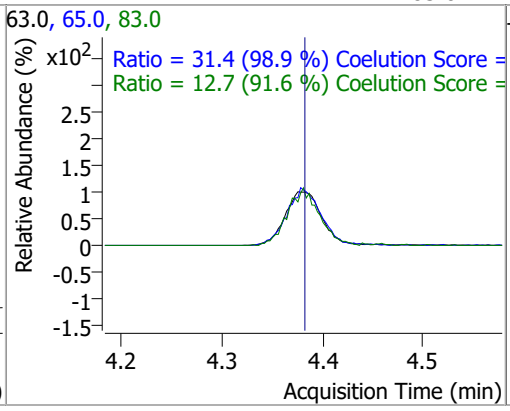


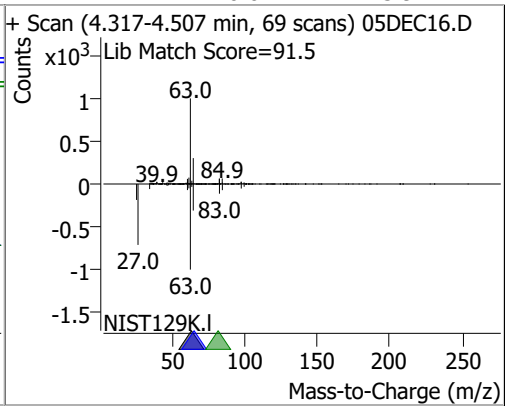




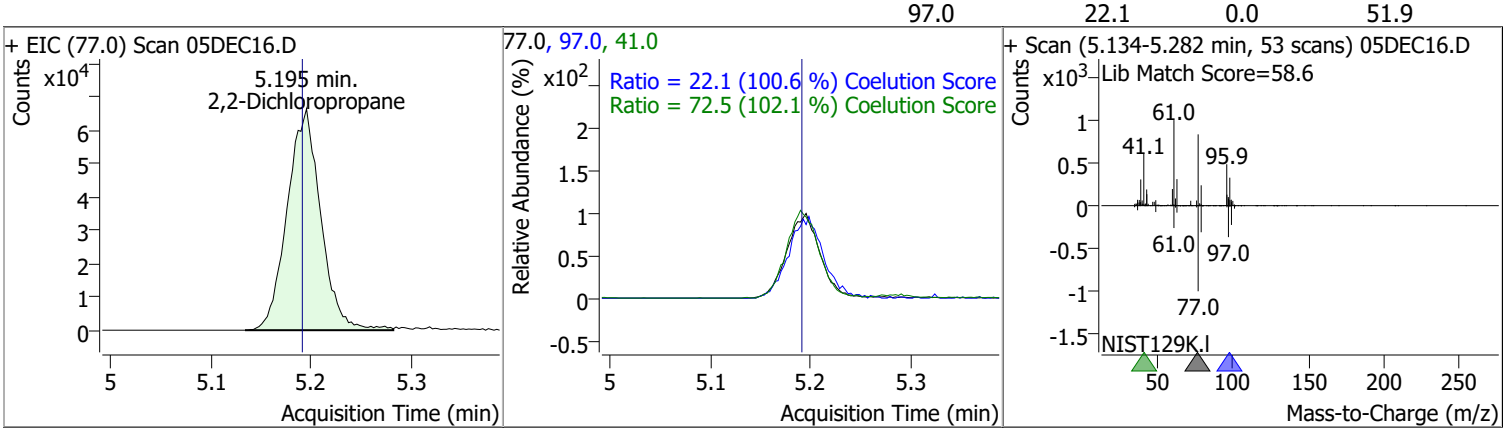
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	127.4311	4.38	-0.01	207240	65.0	31.4	1.7	61.7
					83.0	12.7	0.0	43.9



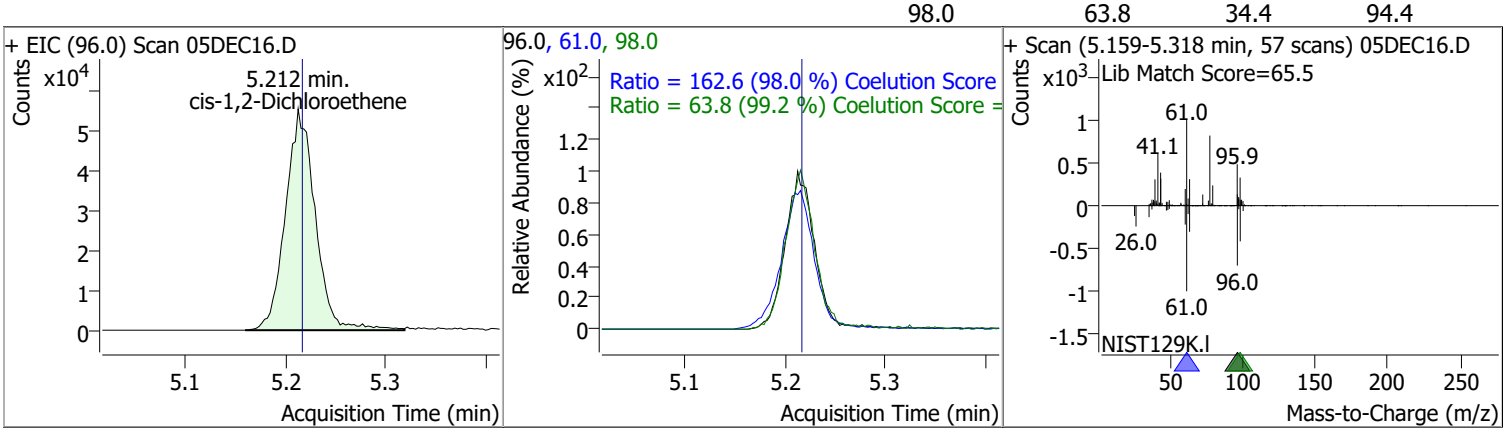




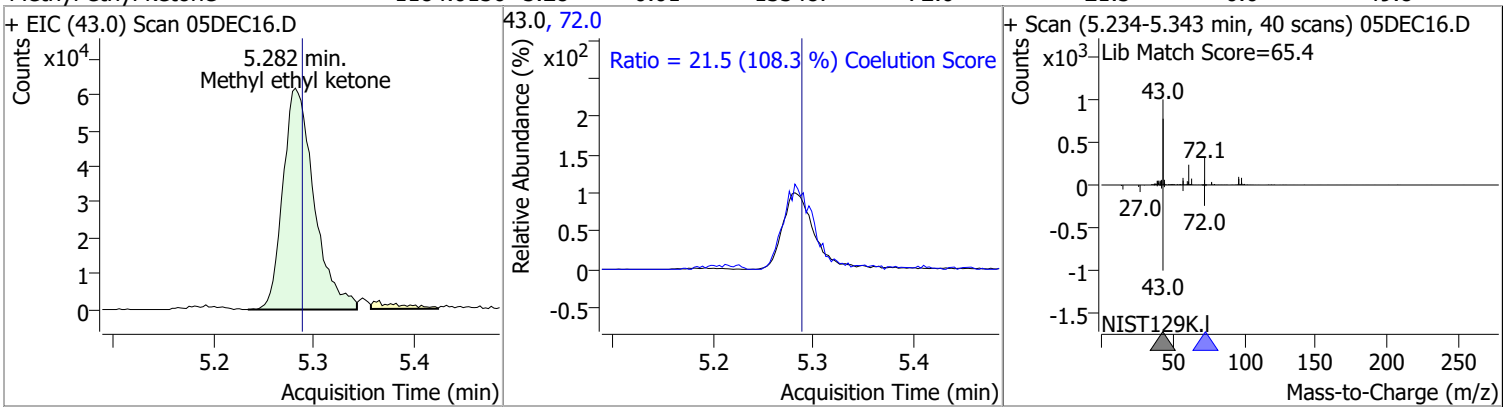
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	127.7818	5.20	0.01	154131	41.0	72.5	41.0	101.0
					97.0	22.1	0.0	51.9



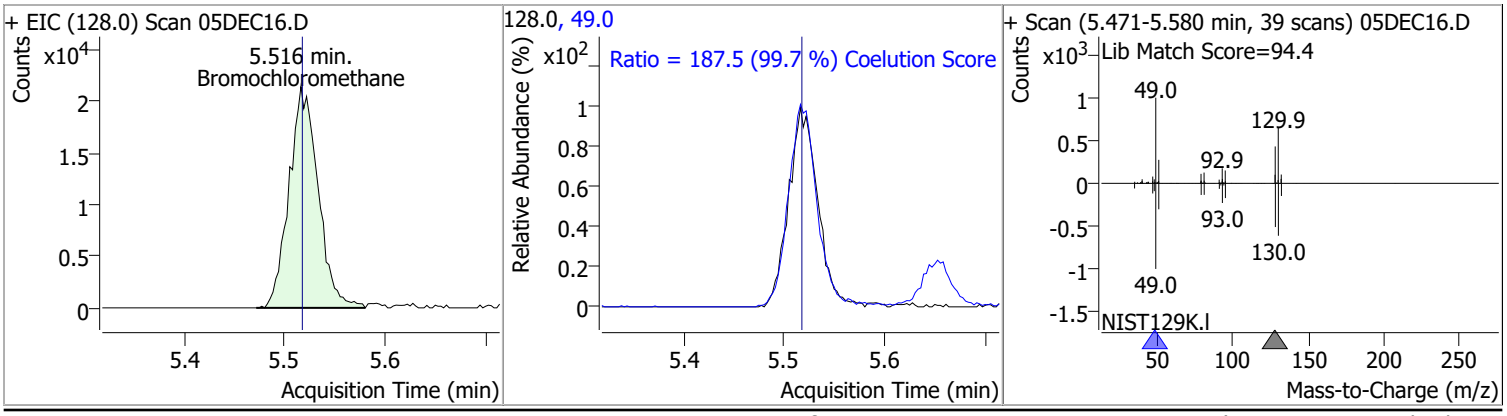
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	130.3254	5.21	0.00	114347	61.0	162.6	135.9	195.9
					98.0	63.8	34.4	94.4



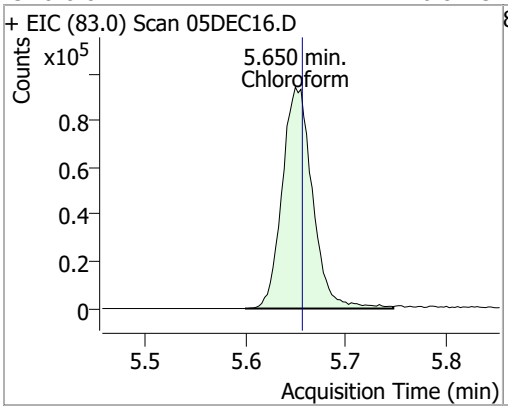
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1184.0156	5.28	-0.01	133487	72.0	21.5	0.0	49.8

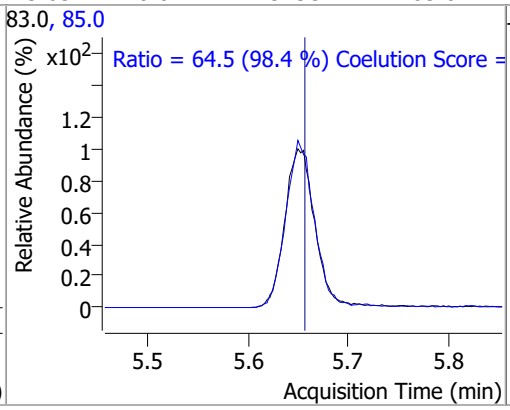


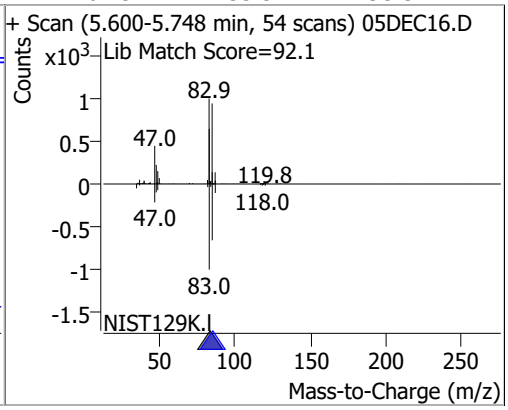
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	128.6876	5.52	0.00	43132	49.0	187.5	158.1	218.1



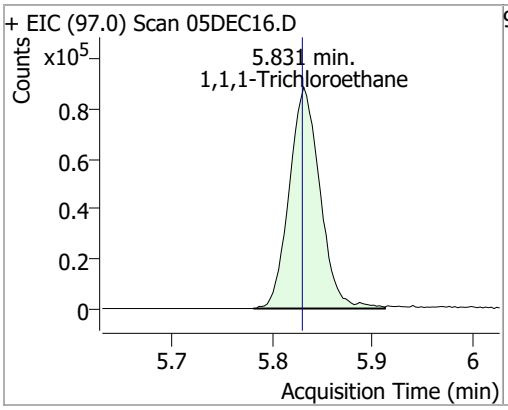
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	126.8425	5.65	-0.01	197931	85.0	64.5	35.5	95.5

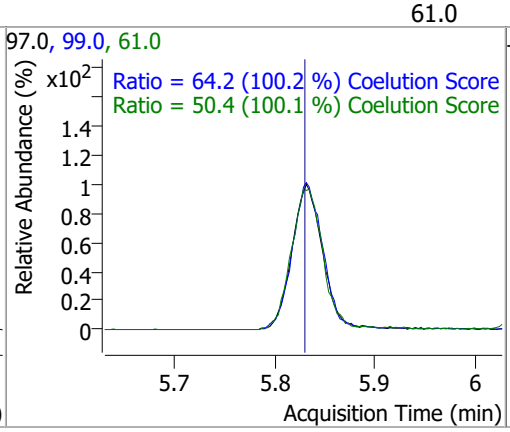


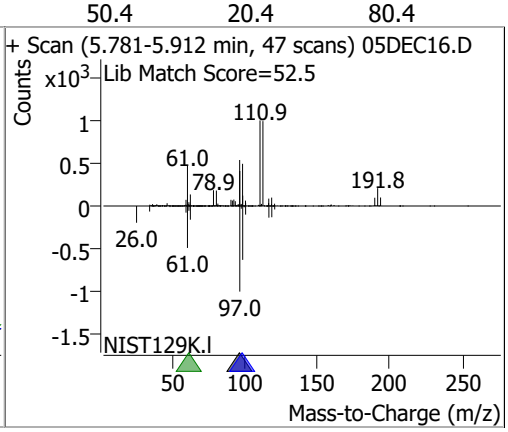




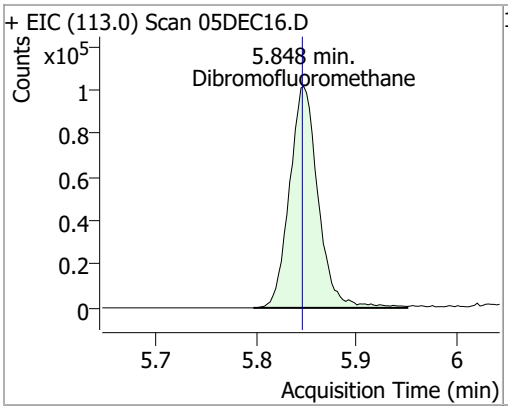
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	125.8834	5.83	0.00	189417	99.0	64.2	34.0	94.0
					61.0	50.4	20.4	80.4

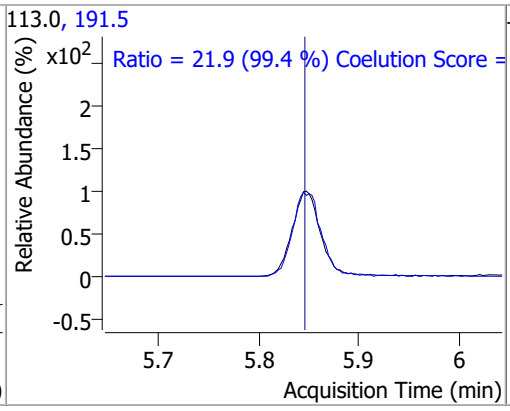


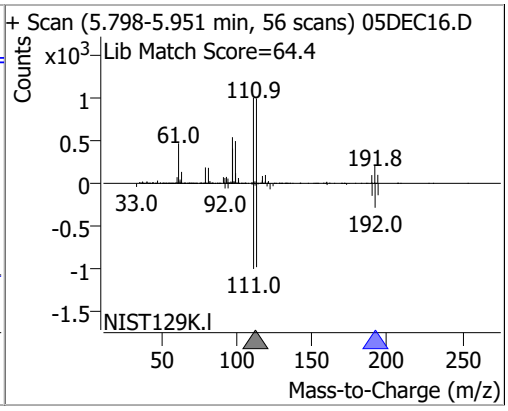




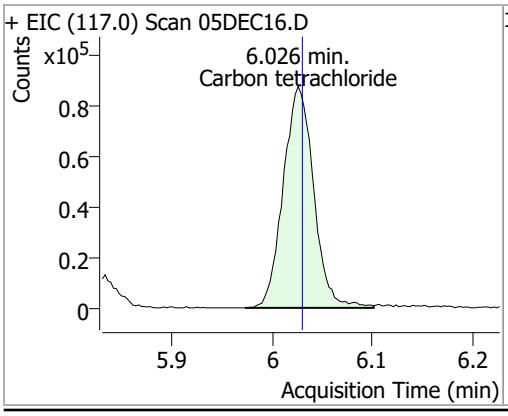
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	261.3726	5.85	0.00	201806	191.5	21.9	0.0	52.1

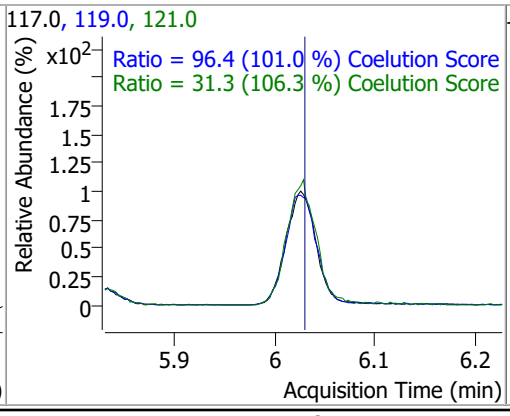


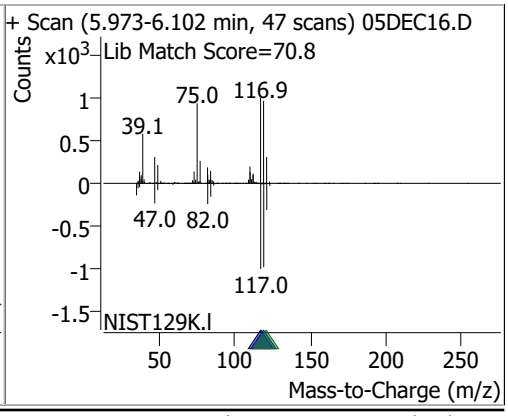




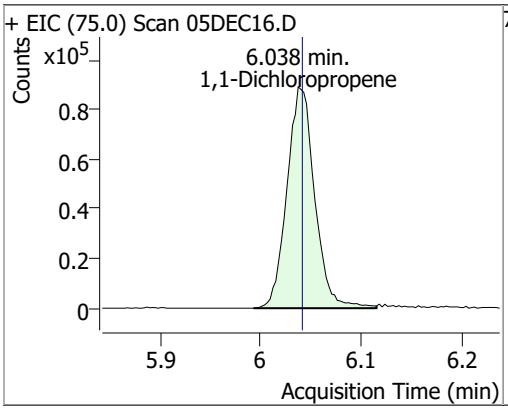
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	125.8491	6.03	0.00	184667	119.0	96.4	65.4	125.4
					121.0	31.3	0.0	59.5

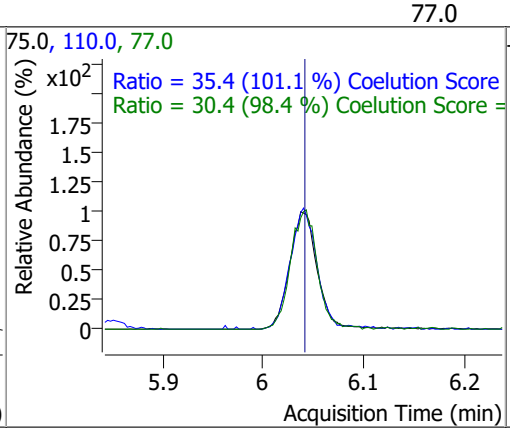


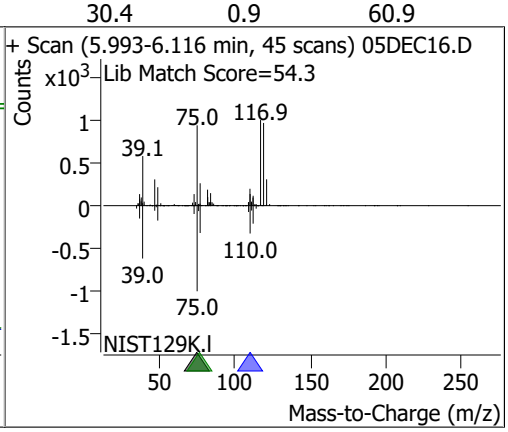




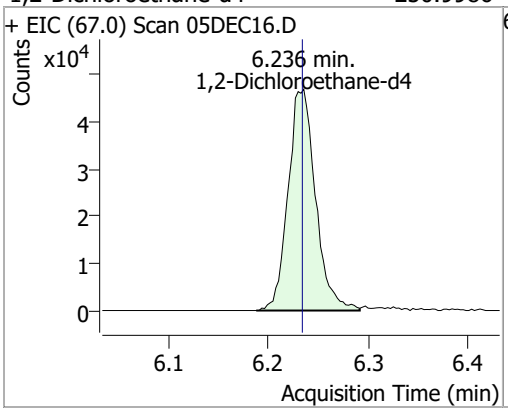
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	130.6402	6.04	0.00	171169	110.0	35.4	5.0	65.0
					77.0	30.4	0.9	60.9

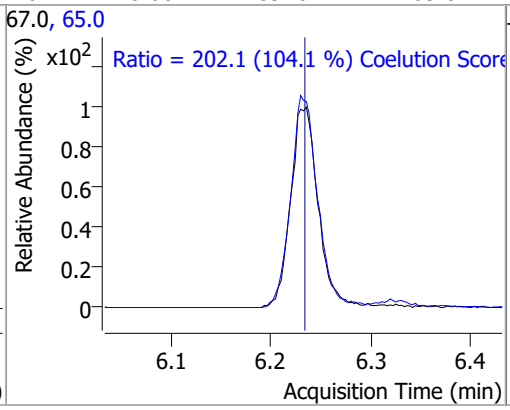


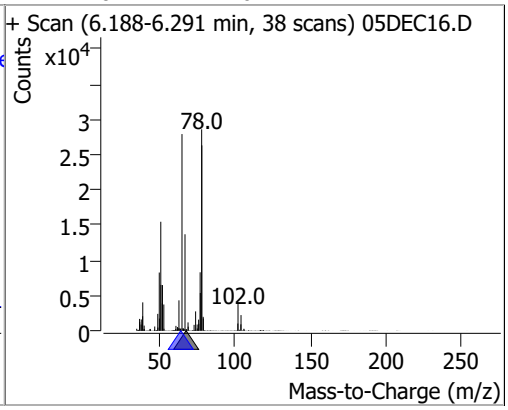




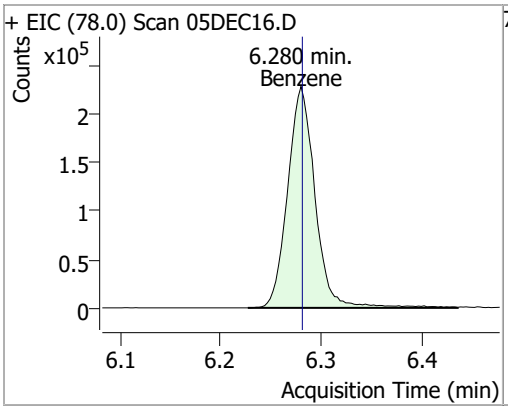
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	250.9986	6.24	0.00	89164	65.0	202.1	164.2	224.2

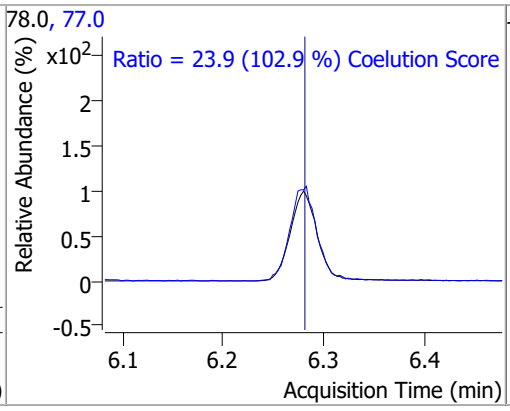


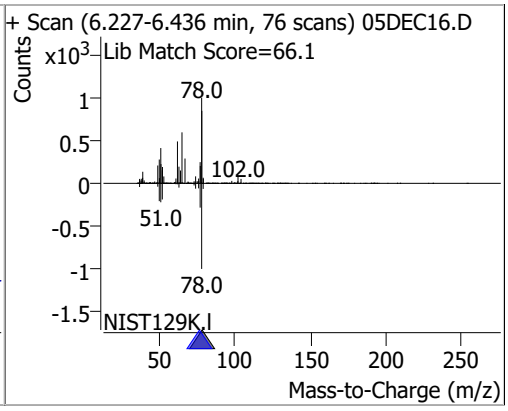




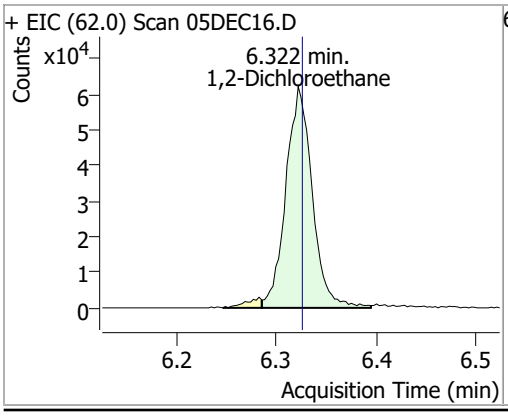
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	130.4658	6.28	0.00	435043	77.0	23.9	0.0	53.3

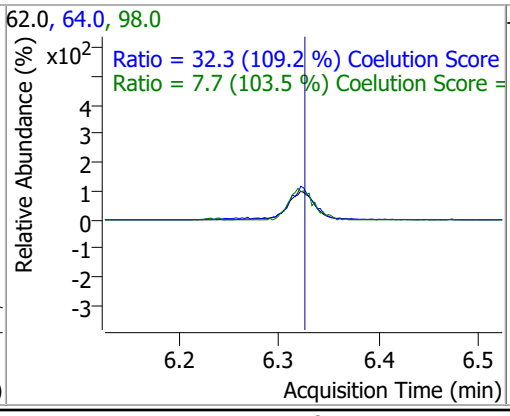


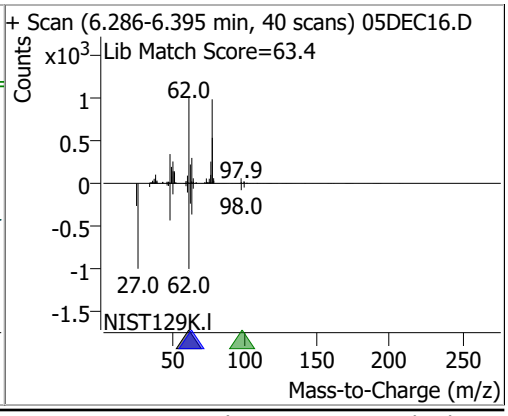




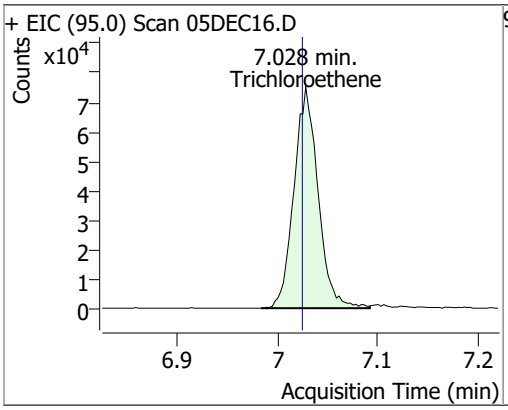
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	129.0666	6.32	0.00	113288	64.0	32.3	0.0	59.6
					98.0	7.7	0.0	37.4

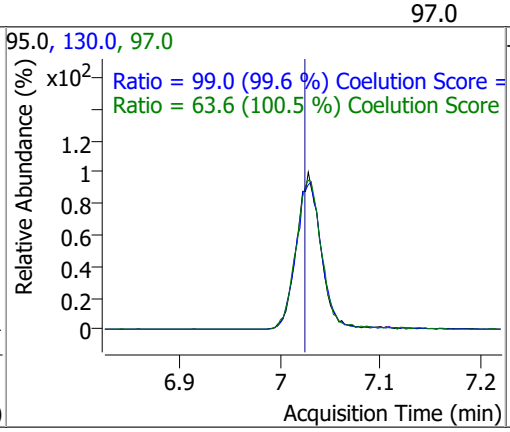


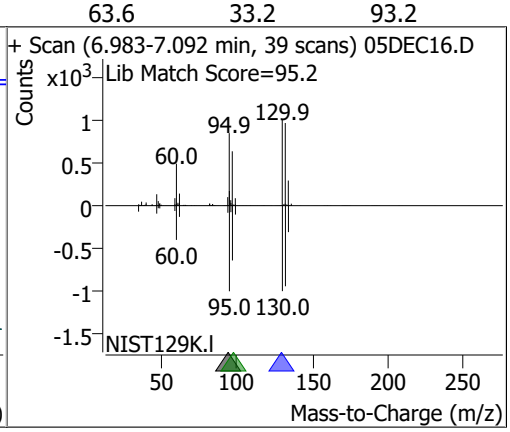




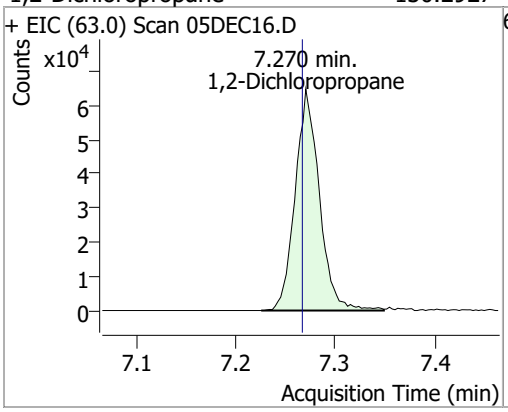
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	125.2073	7.03	0.00	125828	130.0	99.0	69.3	129.3
					97.0	63.6	33.2	93.2

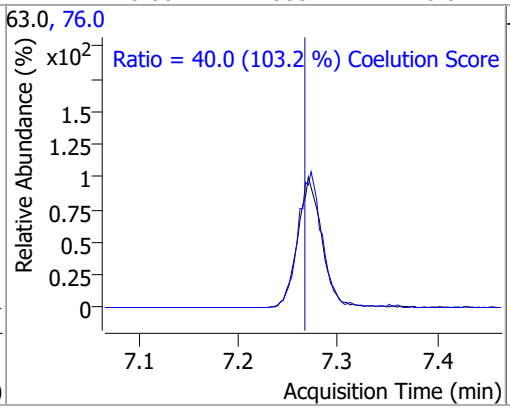


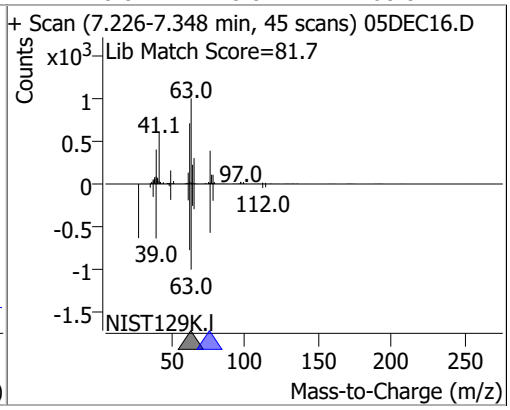




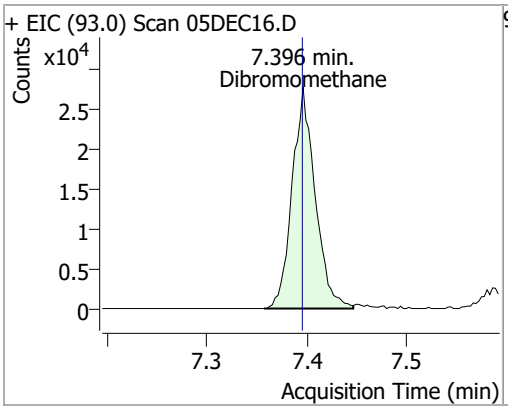
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	130.2927	7.27	0.00	108844	76.0	40.0	8.8	68.8

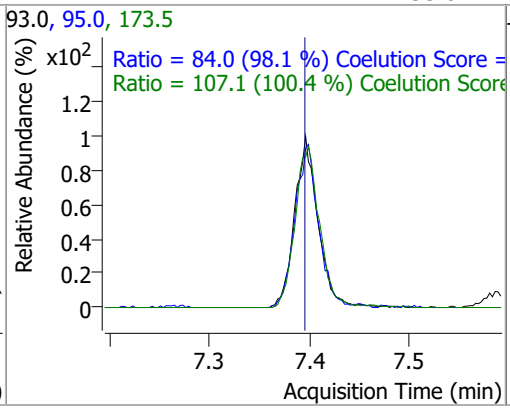


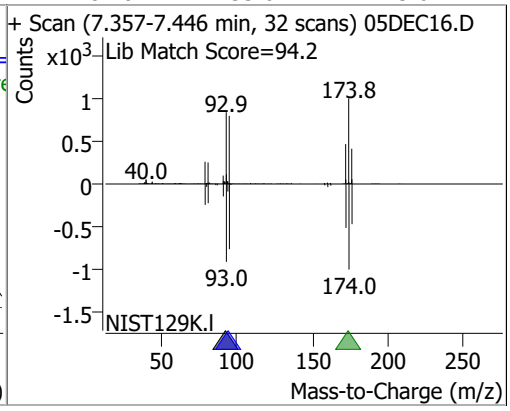




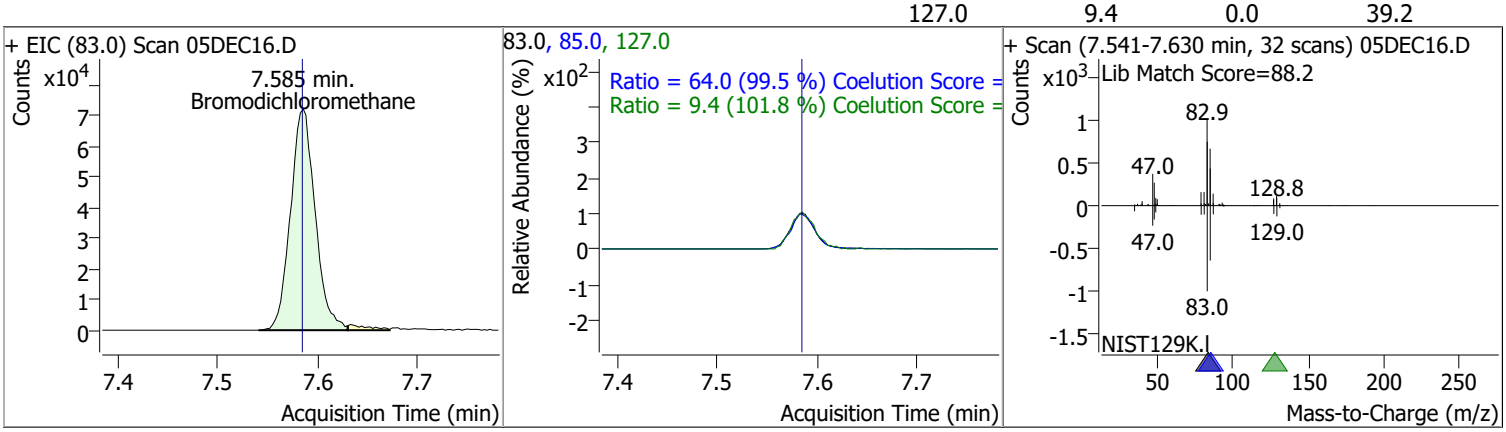
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	126.4420	7.40	0.00	44328	173.5	107.1	76.6	136.6
					95.0	84.0	55.6	115.6



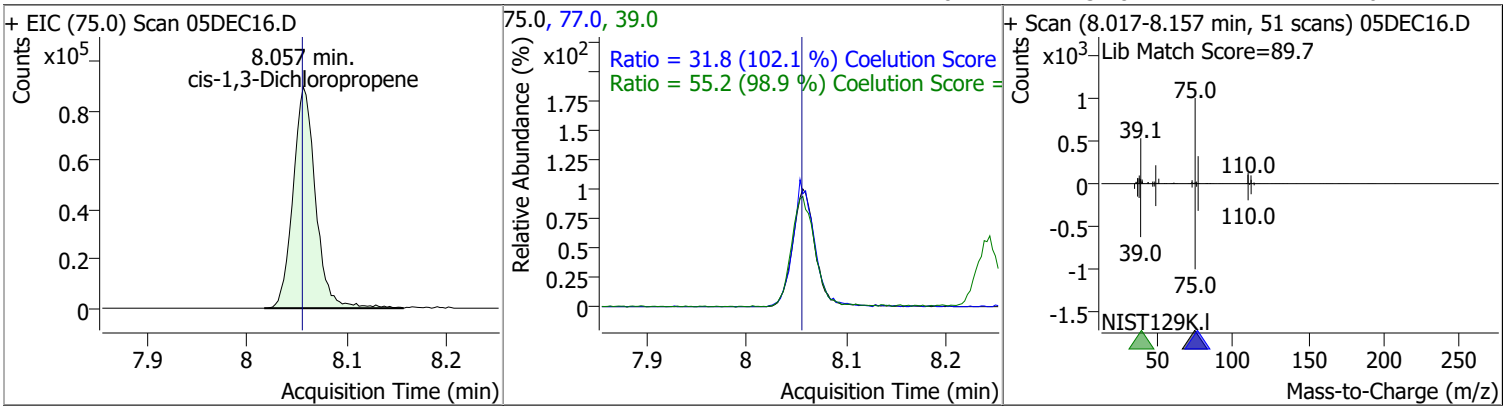




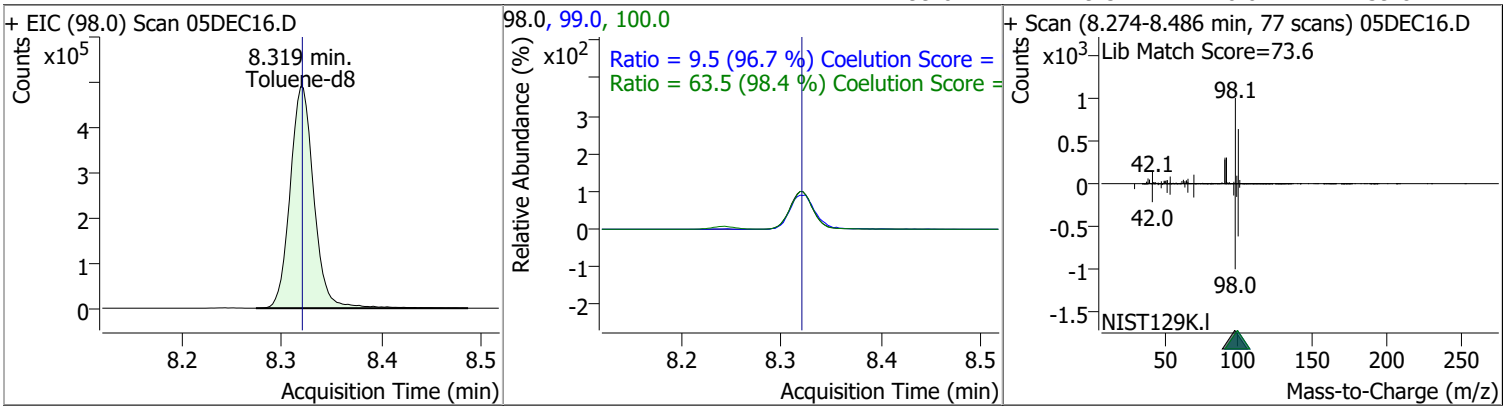
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	124.6437	7.59	0.00	123473	85.0	64.0	34.3	94.3
					127.0	9.4	0.0	39.2



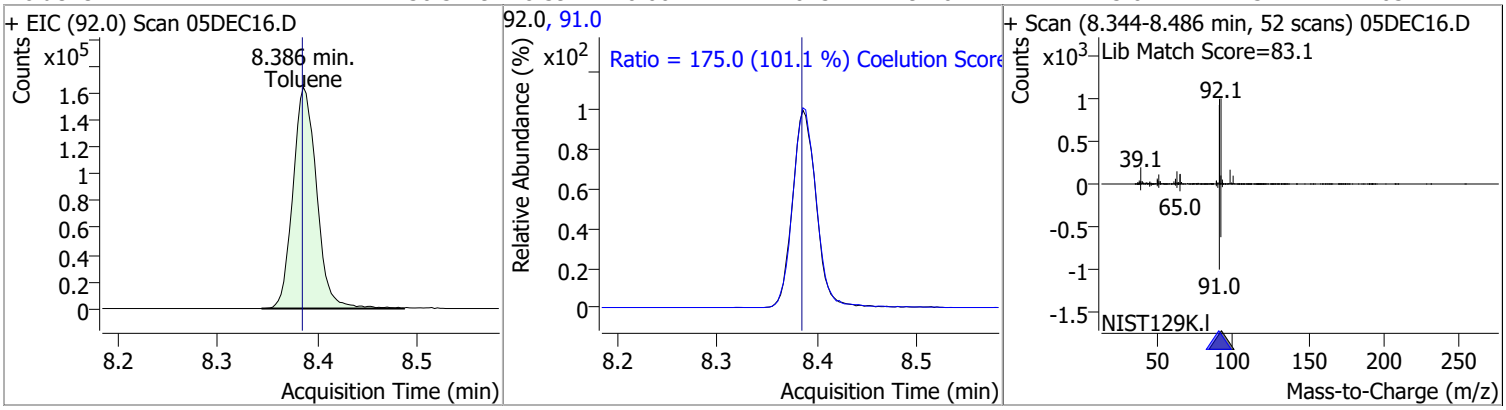
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	128.7385	8.06	0.00	140623	39.0	55.2	25.9	85.9
					77.0	31.8	1.2	61.2



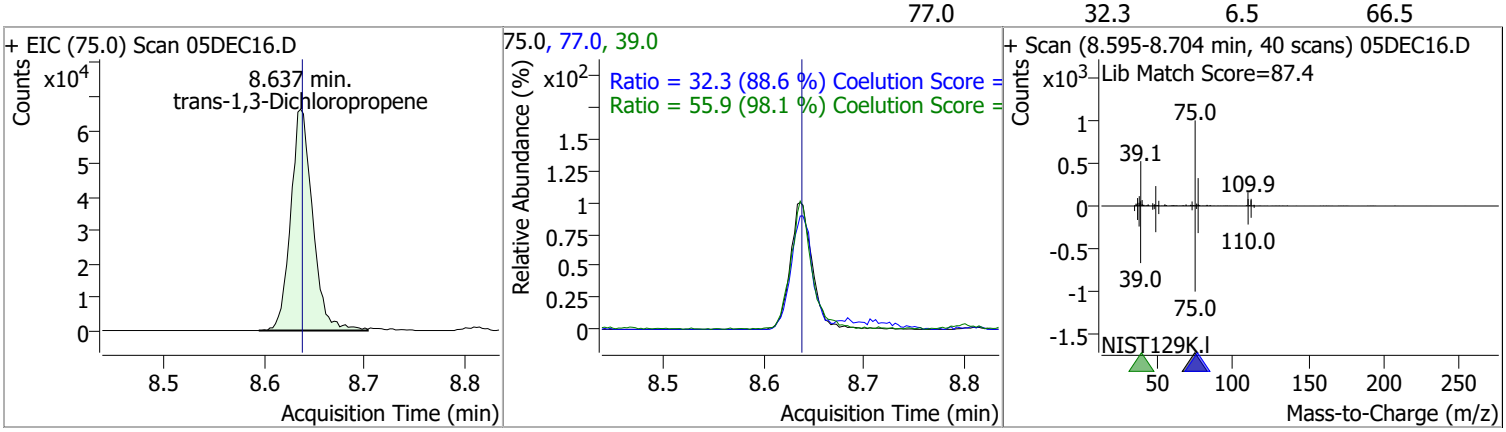
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	264.3644	8.32	0.00	809772	100.0	63.5	34.6	94.6
					99.0	9.5	0.0	39.8



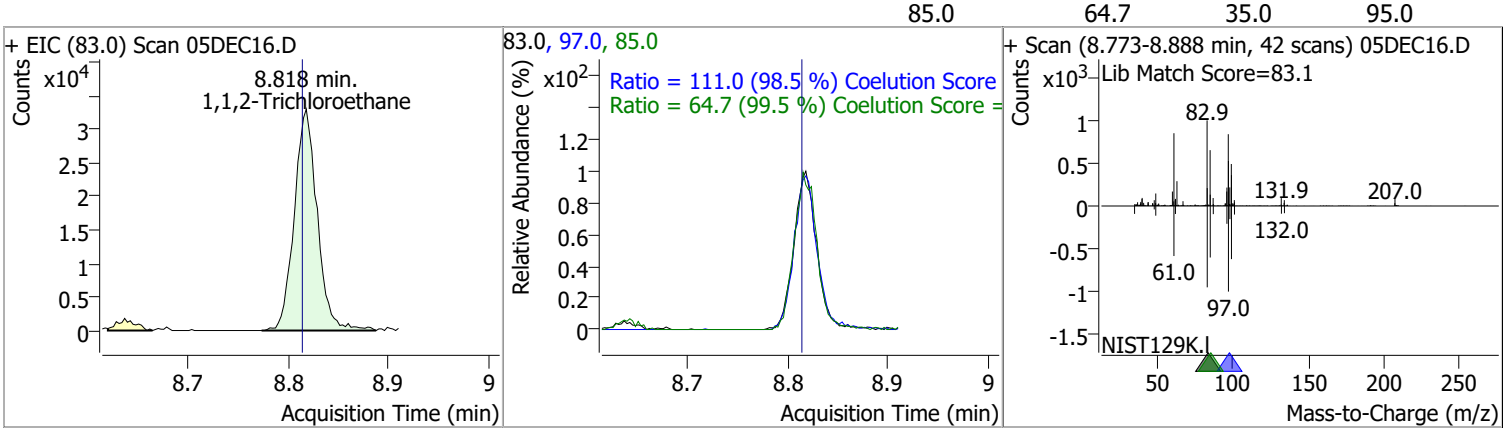
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	130.3119	8.39	0.00	271045	91.0	175.0	143.1	203.1



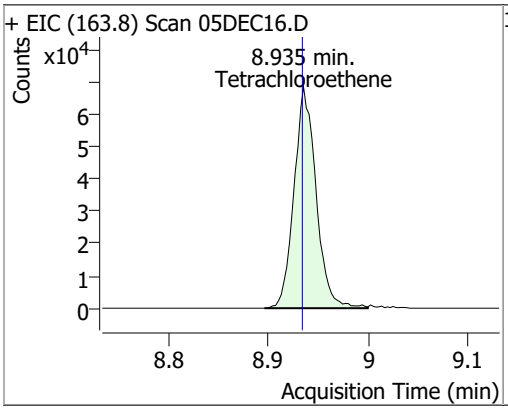
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	129.7432	8.64	0.00	100998	39.0	55.9	27.0	87.0
					77.0	32.3	6.5	66.5

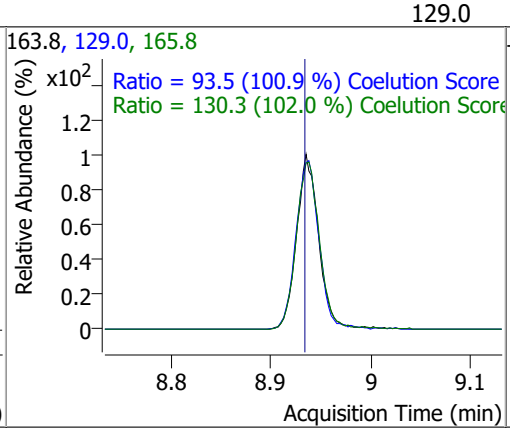


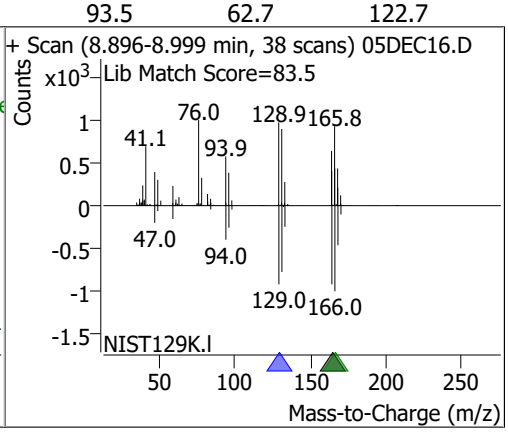
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	129.7294	8.82	0.00	52476	97.0	111.0	82.7	142.7
					85.0	64.7	35.0	95.0



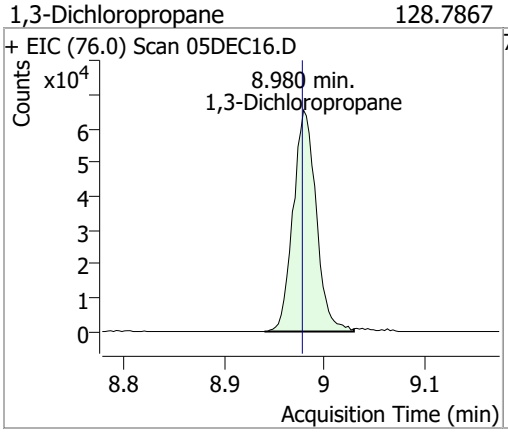
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	125.6681	8.93	0.00	104623	165.8	130.3	97.7	157.7
					129.0	93.5	62.7	122.7

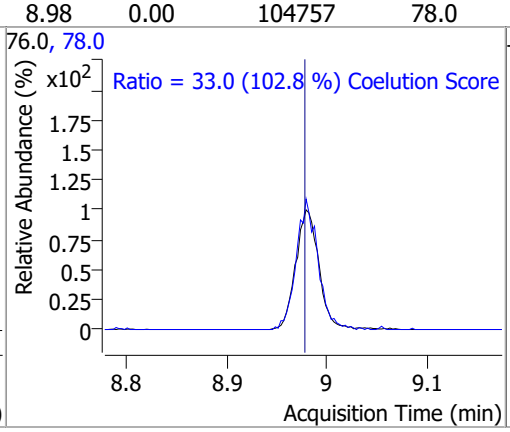


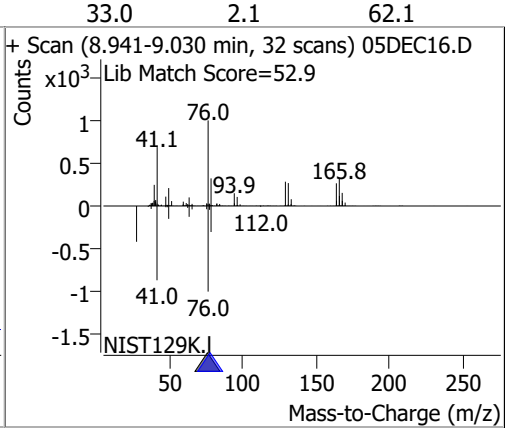




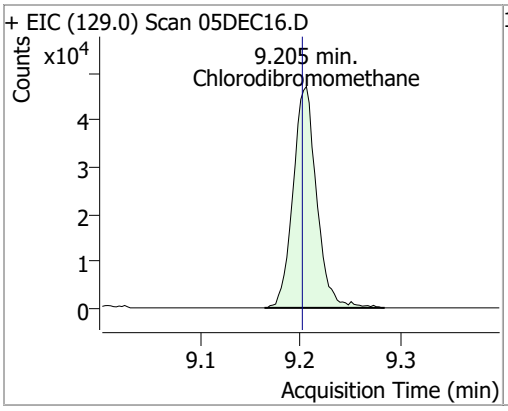
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	128.7867	8.98	0.00	104757	78.0	33.0	2.1	62.1

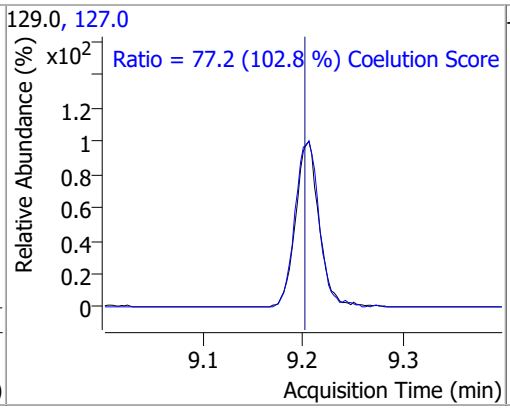


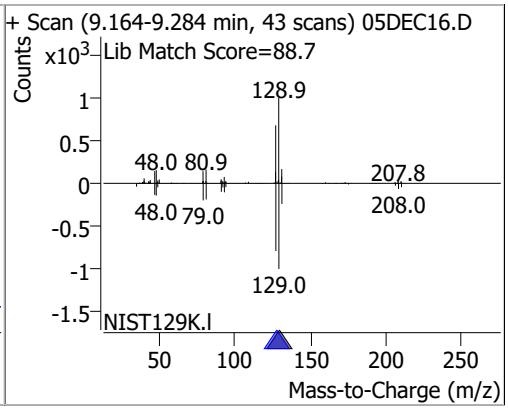




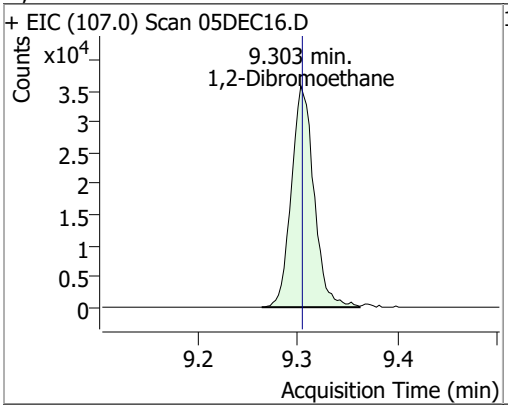
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	127.6013	9.21	0.00	77176	127.0	77.2	45.1	105.1

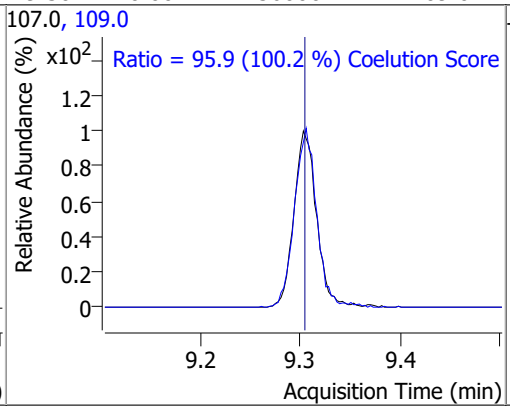


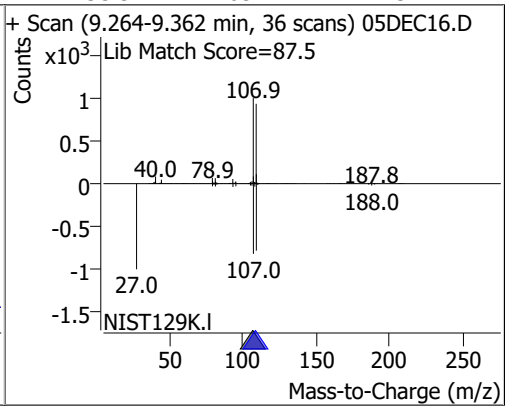




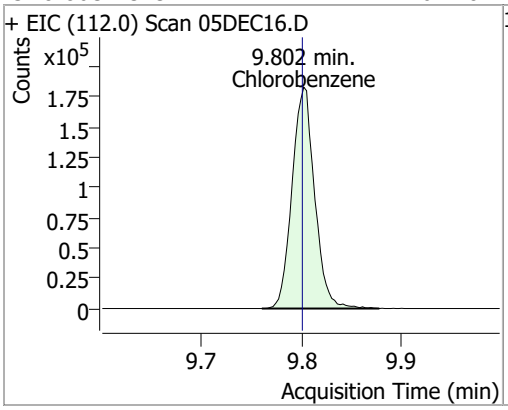
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	128.8420	9.30	0.00	56000	109.0	95.9	65.7	125.7

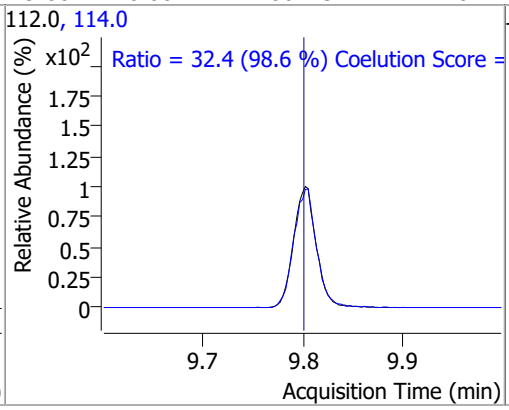


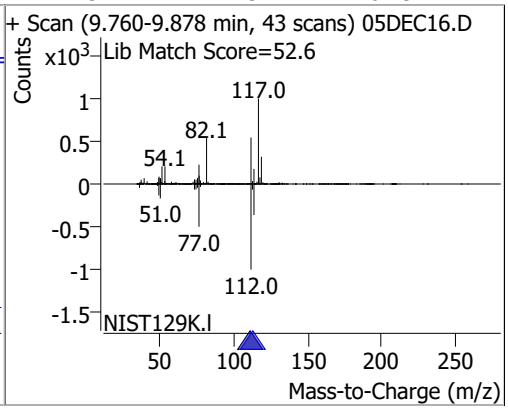




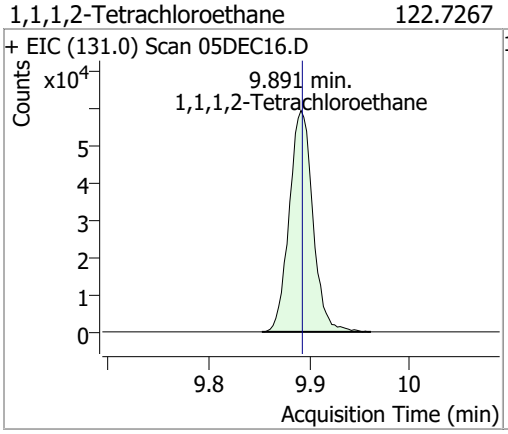
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	126.7404	9.80	0.00	286443	114.0	32.4	2.9	62.9

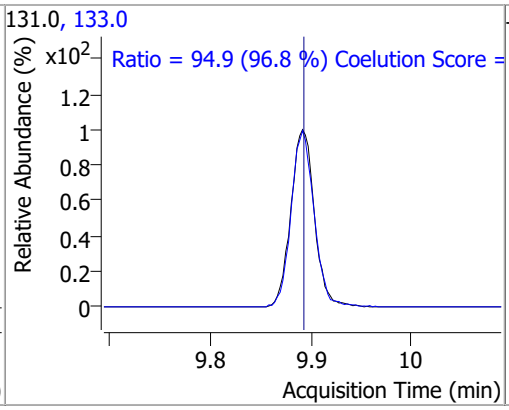


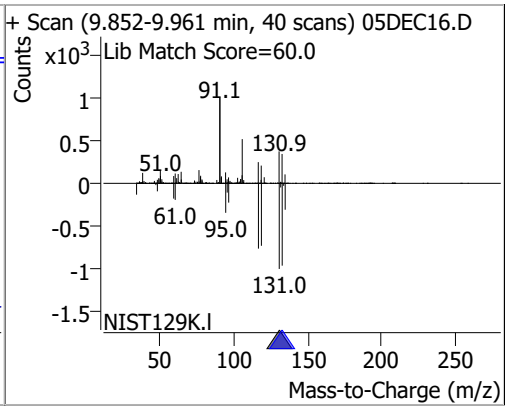




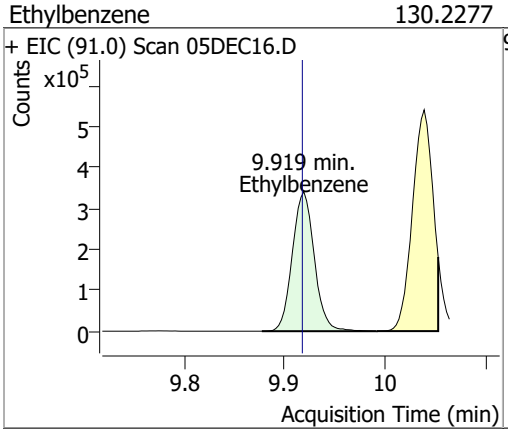
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	122.7267	9.89	0.00	97266	133.0	94.9	68.0	128.0

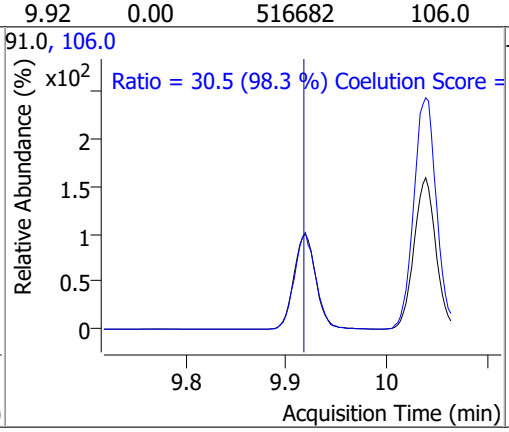


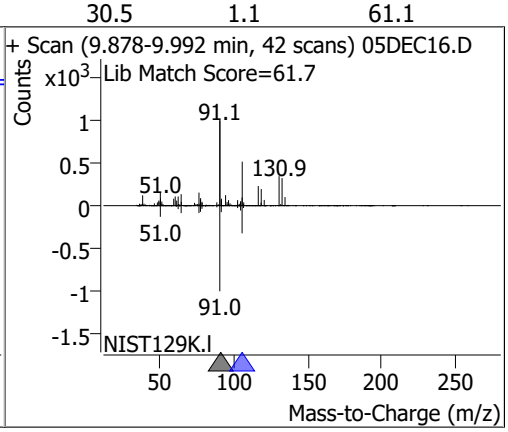




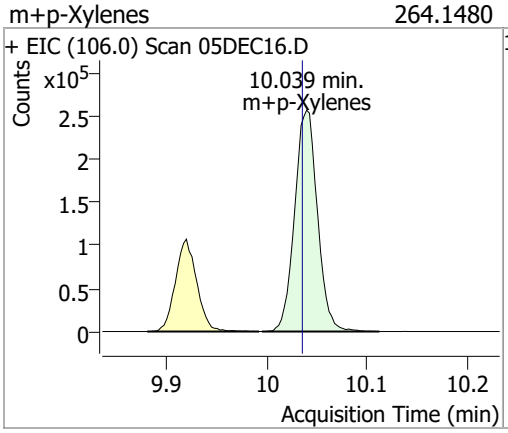
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	130.2277	9.92	0.00	516682	106.0	30.5	1.1	61.1

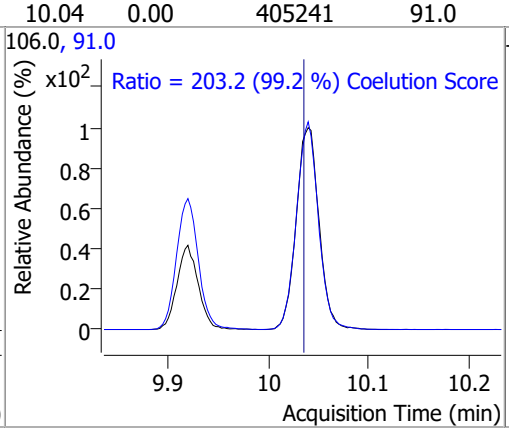


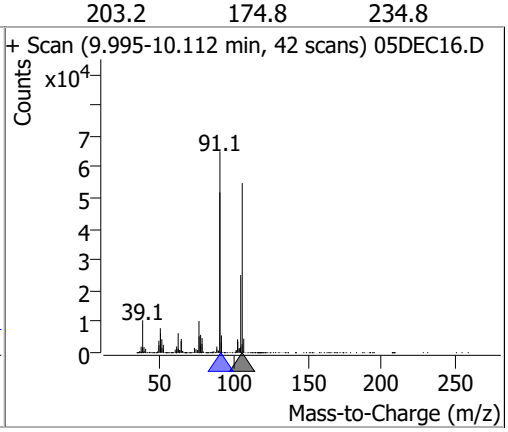




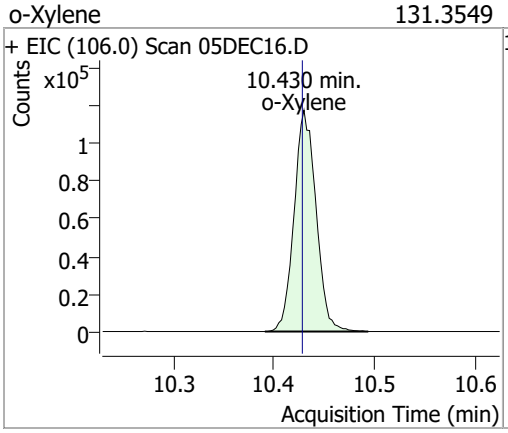
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	264.1480	10.04	0.00	405241	91.0	203.2	174.8	234.8

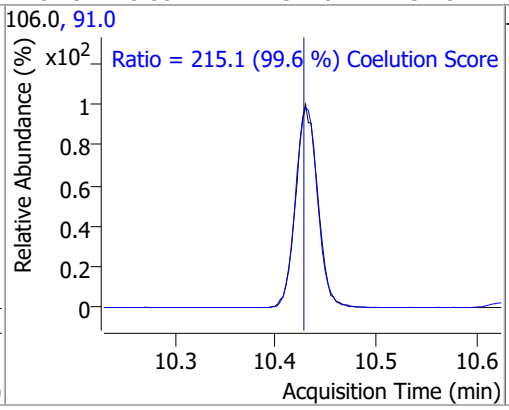


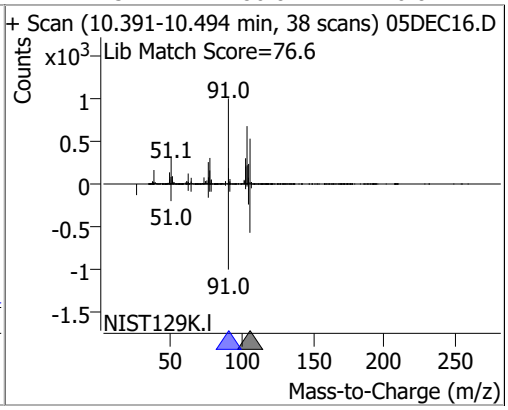




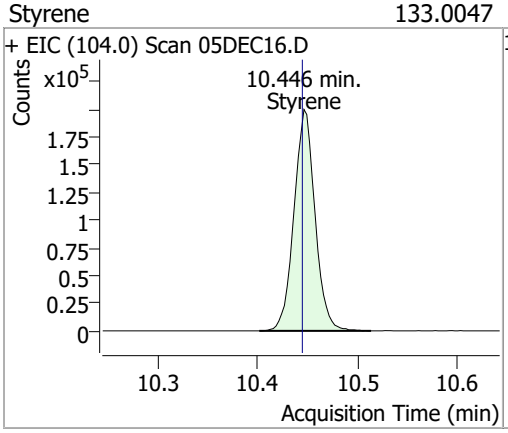
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	131.3549	10.43	0.00	179116	91.0	215.1	186.0	246.0

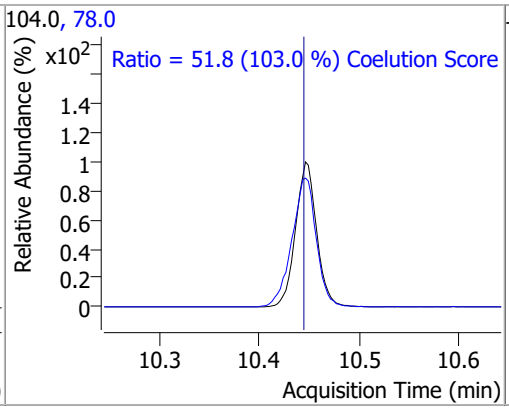


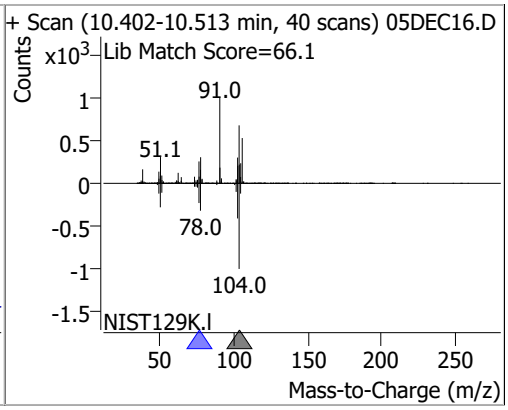




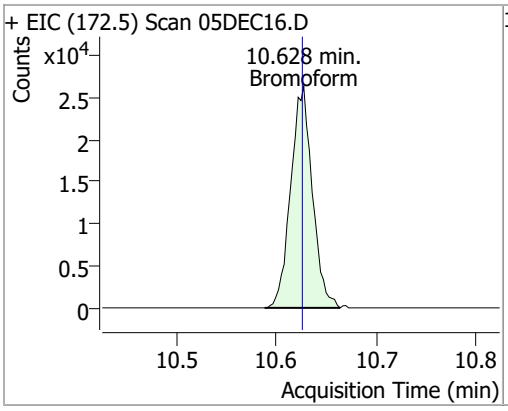
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	133.0047	10.45	0.00	291380	78.0	51.8	20.3	80.3

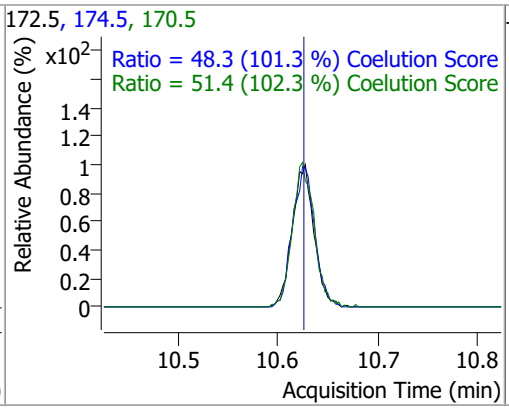


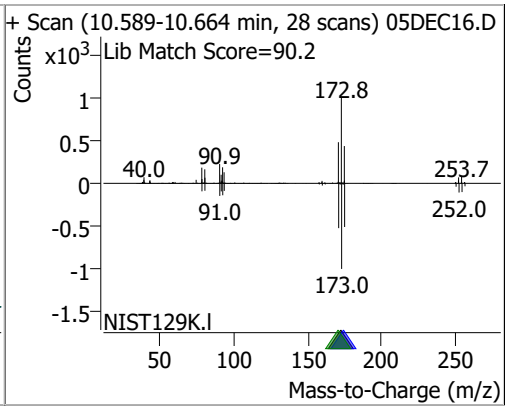




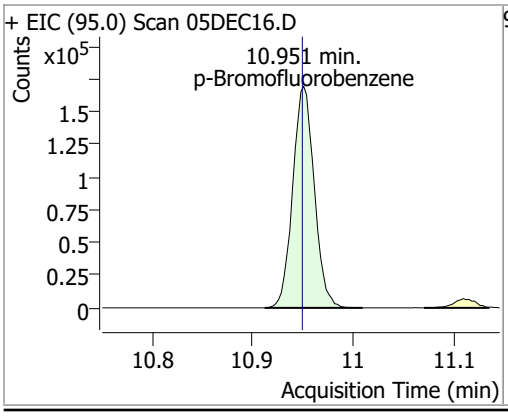
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	127.0582	10.63	0.00	39508	170.5	51.4	20.2	80.2
					174.5	48.3	17.7	77.7

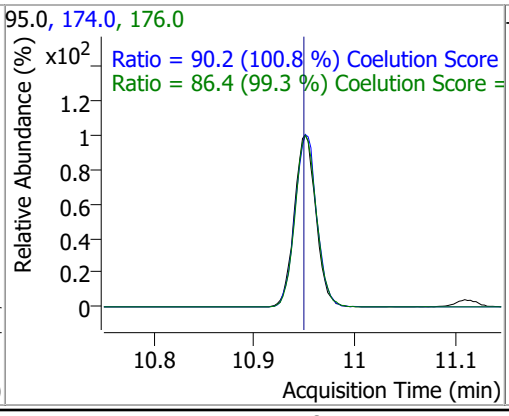


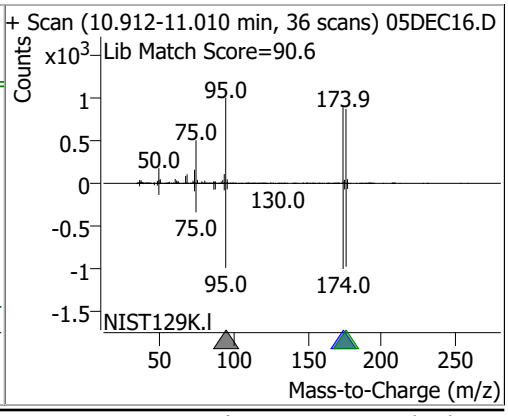




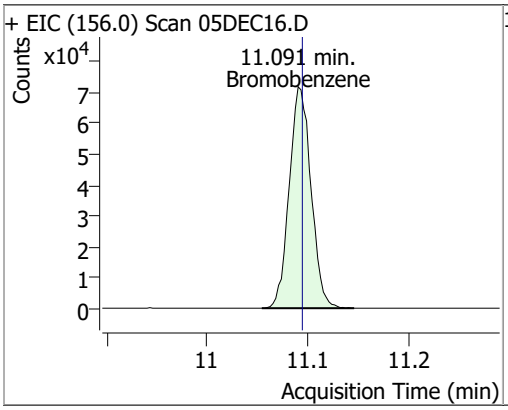
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	265.2104	10.95	0.00	252895	174.0	90.2	59.4	119.4
					176.0	86.4	57.1	117.1

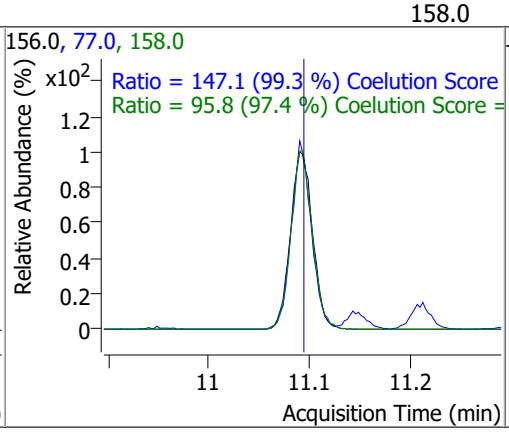


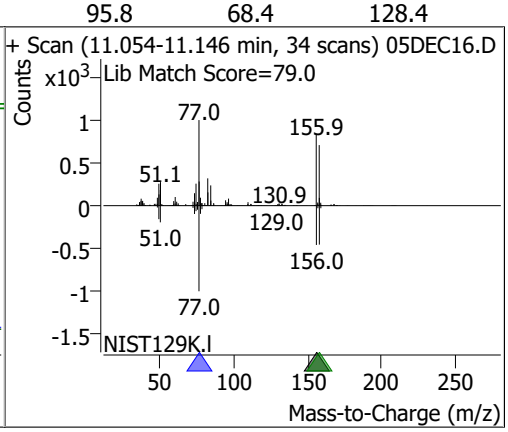




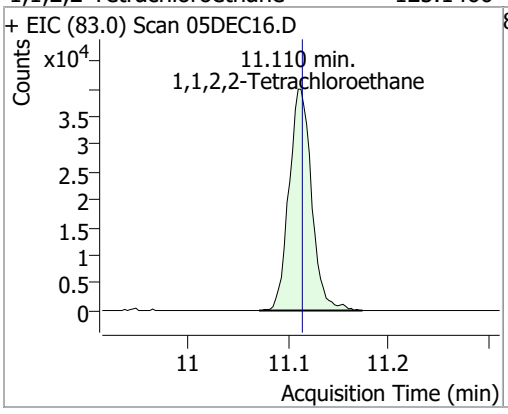
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	128.0044	11.09	0.00	108357	77.0	147.1	118.1	178.1
					158.0	95.8	68.4	128.4

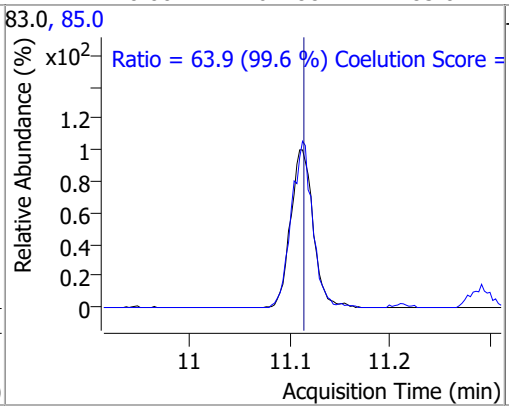


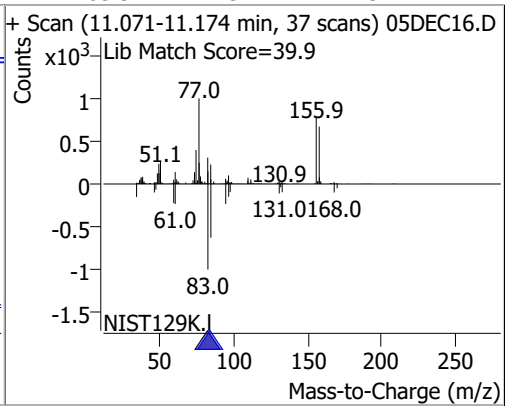




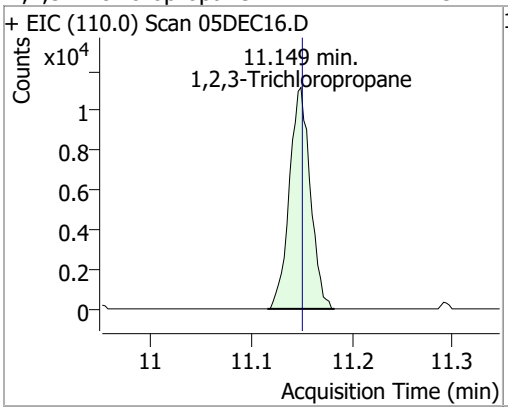
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	125.1466	11.11	0.00	62488	85.0	63.9	34.1	94.1

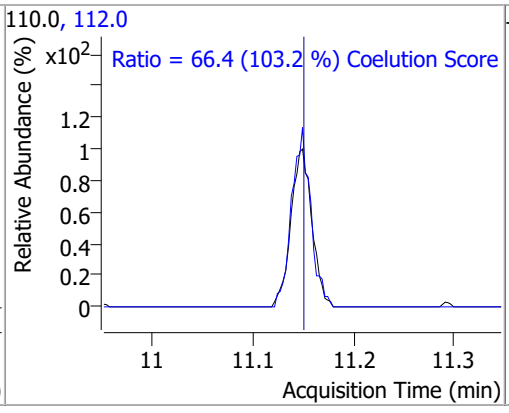


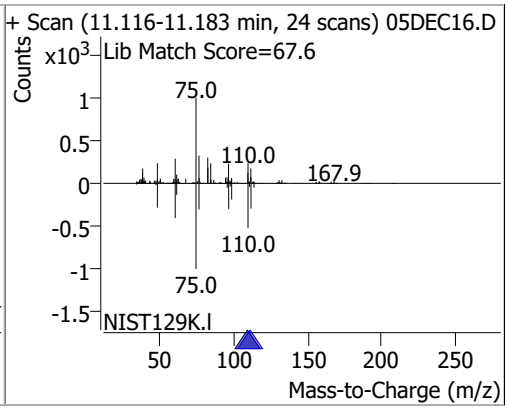




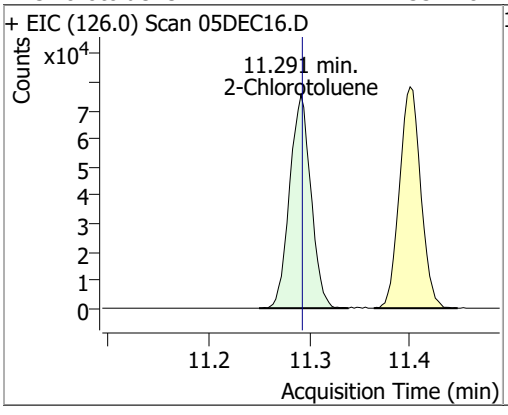
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	122.3141	11.15	0.00	16192	112.0	66.4	34.3	94.3

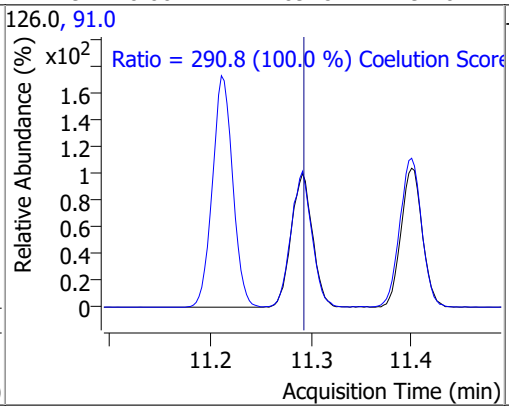


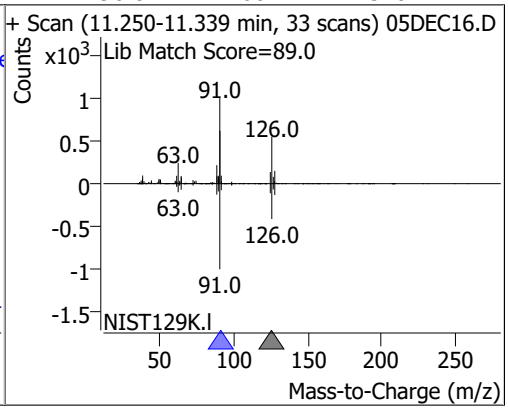




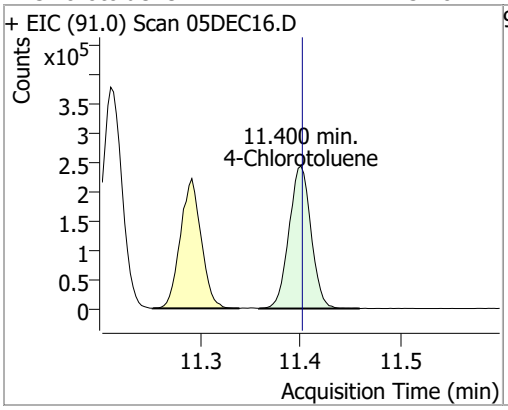
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	133.4184	11.29	0.00	110918	91.0	290.8	260.7	320.7

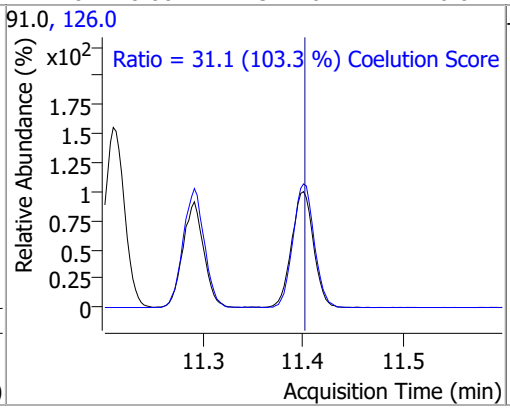


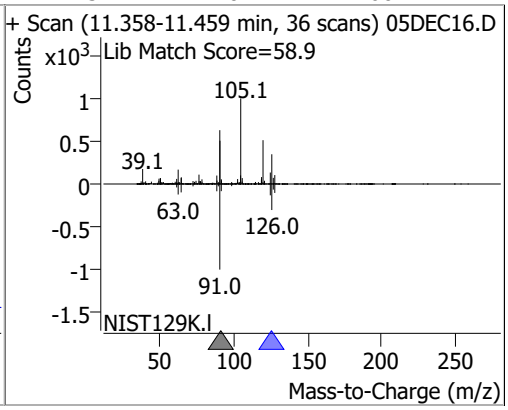




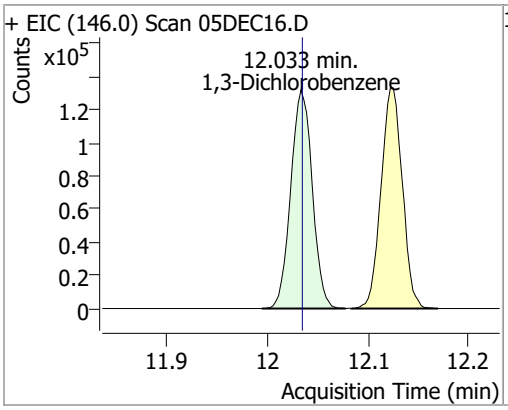
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	131.8211	11.40	0.00	371761	126.0	31.1	0.1	60.1

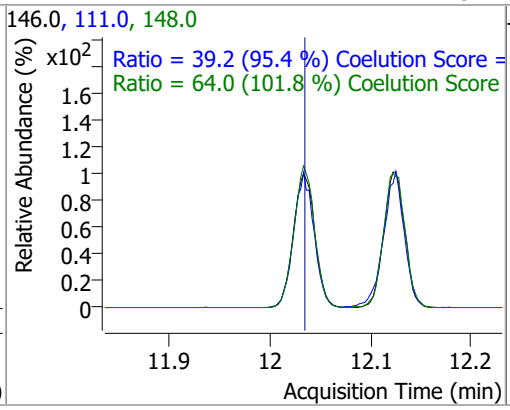


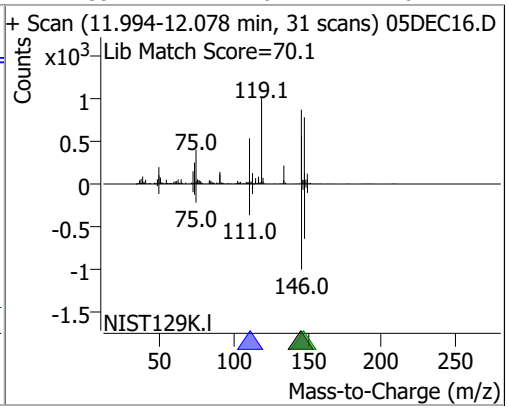




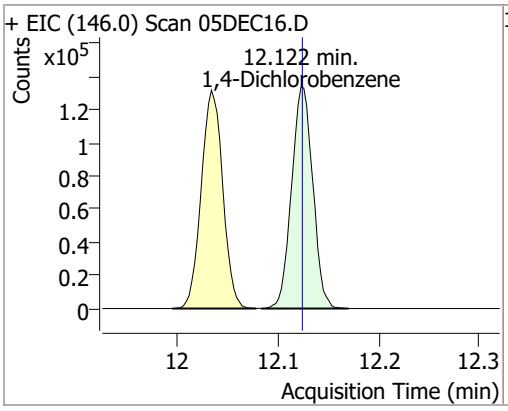
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	129.1785	12.03	0.00	196482	148.0	64.0	32.9	92.9
					111.0	39.2	11.0	71.0

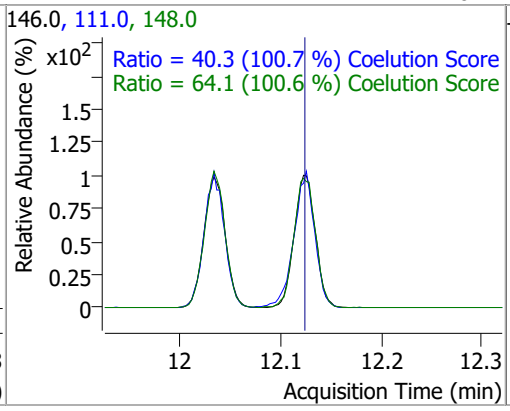


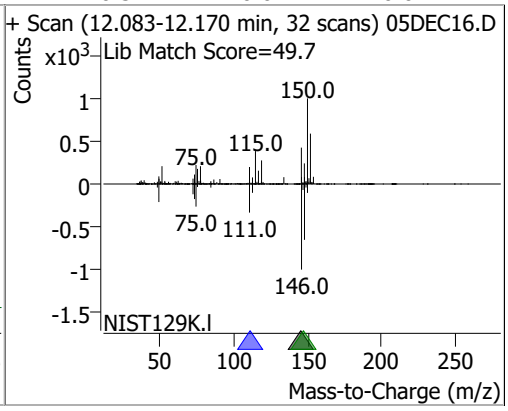




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	125.5185	12.12	0.00	196576	148.0	64.1	33.8	93.8
					111.0	40.3	10.0	70.0

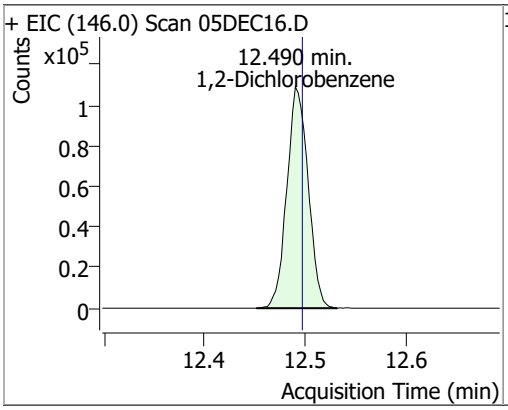


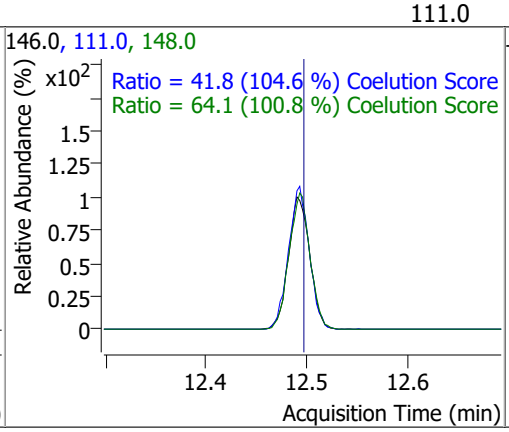


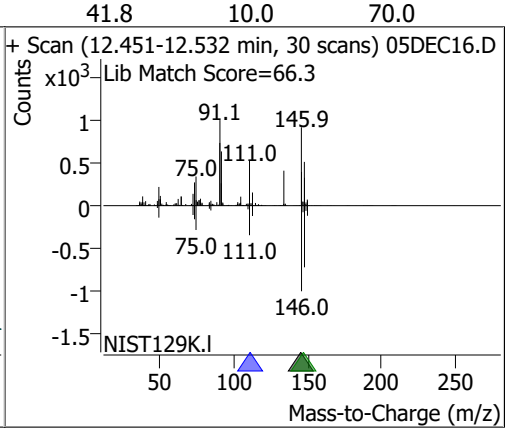


Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	127.3854	12.49	-0.01	160783	148.0	64.1	33.5	93.5
					111.0	41.8	10.0	70.0







Batch name and path: D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin
Quant batch version: 10.0
Quant reporting version: 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	12/5/2021 11:31:19 AM	Create new batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/5/2021 11:31:24 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120521_L4\05DEC01.D			✓	
CmdStartMethodEditing	BL2000\mchavez	12/5/2021 11:31:49 AM	Start method editing			✓	
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CmdApplyMethodToAllSamples	BL2000\mchavez	12/5/2021 11:31:54 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/5/2021 11:31:54 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/5/2021 11:31:54 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 11:31:56 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 11:32:08 AM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/5/2021 11:33:49 AM	Open batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
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CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 12:12:17 PM	Set LevelName = CC for sample 05DEC03.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	12/5/2021 12:12:20 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 12:18:50 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/5/2021 12:52:25 PM	Open batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	12/5/2021 12:52:39 PM	Start method editing			✓	
CmdImportMethodFromBatch	BL2000\mchavez	12/5/2021 12:52:40 PM	Import method from batch D:\Org\Data\VOA5975C\VG120421_L4\VG120421_8260B_SHT.batch.bin			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	12/5/2021 12:52:52 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/5/2021 12:52:52 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/5/2021 12:52:52 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 12:52:54 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/5/2021 12:53:17 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120521_L4\05DEC04.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 12:54:20 PM	Set SampleType = QC for sample 05DEC04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 12:54:22 PM	Set LevelName = QC for sample 05DEC04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 12:54:26 PM	Set SampleInformation = LCSA for sample 05DEC04.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 12:54:30 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 12:55:42 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/5/2021 1:47:54 PM	Open batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/5/2021 1:48:15 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120521_L4\05DEC06.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC05.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 1:48:19 PM	Set SampleType = Blank for sample 05DEC06.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 1:48:24 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 1:48:43 PM	Manually integrate compound Bromomethane in sample 05DEC06.D from x, y = 1.788, 0 to 1.819, 0; result = 320			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:48:47 PM	Manually integrate qualifier94.0 of compound Bromomethane in sample 05DEC06.D from x, y = 1.785, 0 to 1.824, 0; result = 478			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 1:48:59 PM	Manually integrate compound Methylene chloride in sample 05DEC06.D from x, y = 3.285, 0 to 3.411, 0; result = 1174			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:49:02 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 05DEC06.D from x, y = 3.299, 0 to 3.391, 0; result = 786			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:49:04 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 05DEC06.D from x, y = 3.291, 0 to 3.366, 0; result = 335			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 1:49:23 PM	Manually integrate compound Bromochloromethane in sample 05DEC06.D from x, y = 5.558, 0 to 5.614, 0; result = 0			✓	
CmdClearManualIntegration	BL2000\mchavez	12/5/2021 1:49:31 PM	Clear manual integration of target signal for compound Bromochloromethane in sample 05DEC06.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 1:49:36 PM	Manually integrate compound Chloroform in sample 05DEC06.D from x, y = 5.614, 0 to 5.700, 0; result = 396			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:49:40 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 05DEC06.D from x, y = 5.639, 0 to 5.684, 0; result = 107			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 1:50:03 PM	Manually integrate compound Toluene in sample 05DEC06.D from x, y = 8.361, 0 to 8.416, 0; result = 165			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:50:04 PM	Manually integrate qualifier91.0 of compound Toluene in sample 05DEC06.D from x, y = 8.352, 0 to 8.422, 0; result = 483			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	12/5/2021 1:50:20 PM	Manually integrate compound m+p-Xylenes in sample 05DEC06.D from x, y = 10.003, 26 to 10.062, 0; result = 304			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	12/5/2021 1:50:22 PM	Drop baseline for compound m+p-Xylenes in sample 05DEC06.D to y = 0, new integration is from x, y = 10.003, 0 to 10.062, 0 and new response = 350; previous integration is from x, y = 10.003, 26 to 10.062, 0 and previous response = 304.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:50:24 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 05DEC06.D from x, y = 10.009, 0 to 10.081, 0; result = 775			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 1:50:53 PM	Set SampleApproved = True for sample 05DEC06.D; previous value = False			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/5/2021 1:52:32 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 05DEC06.D, from x, y = 8.352, 0 to 8.428, 0, result = 483; previous integration is from x, y = 8.352, 0 to 8.581, 0 and previous response = 483.			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 1:53:55 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 1:55:03 PM	Set SampleApproved = True for sample 05DEC02.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 1:56:22 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/5/2021 2:37:14 PM	Open batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/5/2021 2:37:32 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120521_L4\05DEC08.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC07.D			✓	
CmdQuantitate	BL2000\mchavez	12/5/2021 2:37:36 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/5/2021 2:38:08 PM	Set Dilution = 2 for sample 05DEC08.D; previous value = 1			✓	
CmdSaveBatchTable	BL2000\mchavez	12/5/2021 3:00:59 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdOpenBatchTable	BL2000\mchavez	12/6/2021 8:11:27 AM	Open batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	12/6/2021 8:12:41 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG120521_L4\05DEC17.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC16.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC15.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC14.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC13.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC12.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC11.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC10.D, D:\Org\Data\VOA5975C\VG120521_L4\05DEC09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:13:01 AM	Set Dilution = 10 for sample 05DEC11.D; previous value = 1			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:13:03 AM	Set Dilution = 10 for sample 05DEC12.D; previous value = 1			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:13:04 AM	Set Dilution = 10 for sample 05DEC13.D; previous value = 1			✓	
CmdQuantitate	BL2000\mchavez	12/6/2021 8:13:27 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:13:45 AM	Set SampleType = MatrixDup for sample 05DEC13.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:13:52 AM	Set SampleType = Matrix for sample 05DEC12.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:14:01 AM	Set SampleType = CC for sample 05DEC16.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:14:05 AM	Set LevelName = CC for sample 05DEC16.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	12/6/2021 8:14:12 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:14:37 AM	Set SampleInformation = MatrixA for sample 05DEC12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:14:40 AM	Set SampleInformation = MatrixA for sample 05DEC13.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:14:45 AM	Set MatrixSpikeGroup = 2 for sample 05DEC11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:14:46 AM	Set MatrixSpikeGroup = 2 for sample 05DEC12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/6/2021 8:14:49 AM	Set MatrixSpikeGroup = 2 for sample 05DEC13.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\mchavez	12/6/2021 9:05:05 AM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdZeroOutPeak	BL2000\mchavez	12/6/2021 9:17:25 AM	Zero out primary peak of compound 4-Chlorotoluene in sample 05DEC08.D			✓	
CmdZeroOutPeak	BL2000\mchavez	12/6/2021 9:17:34 AM	Zero out primary peak of compound 1,1,2,2-Tetrachloroethane in sample 05DEC08.D			✓	
CmdZeroOutPeak	BL2000\mchavez	12/6/2021 9:17:52 AM	Zero out primary peak of compound Styrene in sample 05DEC08.D			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/6/2021 9:18:22 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 05DEC08.D from x, y = 3.288, 0 to 3.386, 0; result = 1946			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/6/2021 9:18:42 AM	Manually integrate qualifier77.0 of compound Benzene in sample 05DEC08.D from x, y = 6.238, 0 to 6.333, 0; result = 1227			✓	
CmdSaveBatchTable	BL2000\mchavez	12/6/2021 9:19:09 AM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	12/8/2021 11:36:28 AM	Open batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
CmdStartMethodEditing	BL2000\mchavez	12/8/2021 11:36:50 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	12/8/2021 11:36:50 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_120421_CAL\VOA5975C_120421_8260B_SHT_CAL_LevelIV.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	12/8/2021 11:36:57 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	12/8/2021 11:36:57 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	12/8/2021 11:36:58 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	12/8/2021 11:37:09 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 11:51:23 AM	Set SampleApproved = True for sample 05DEC03.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 11:51:51 AM	Set SampleApproved = True for sample 05DEC04.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:52:10 AM	Set UserAnnotation = NI for compound Toluene in sample 05DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:52:14 AM	Set UserAnnotation = NI for compound m+p-Xylenes in sample 05DEC06.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:52:16 AM	Set UserAnnotation = NI for compound Chloroform in sample 05DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:52:19 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 05DEC06.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:52:22 AM	Set UserAnnotation = NI for compound Bromomethane in sample 05DEC06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:52:35 AM	Manually integrate compound Bromomethane in sample 05DEC07.D from x, y = 1.785, 5 to 1.832, 0; result = 311			✓	
CmdZeroOutPeak	BL2000\mchavez	12/8/2021 11:52:40 AM	Zero out primary peak of compound Bromomethane in sample 05DEC07.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:53:07 AM	Manually integrate compound Methylene chloride in sample 05DEC07.D from x, y = 3.271, 0 to 3.405, 0; result = 1656			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:53:11 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 05DEC07.D from x, y = 3.288, 0 to 3.380, 0; result = 1053			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:53:13 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 05DEC07.D from x, y = 3.302, 0 to 3.391, 0; result = 686			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:53:19 AM	Manually integrate compound m+p-Xylenes in sample 05DEC07.D from x, y = 10.020, 0 to 10.039, -7; result = 510			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:53:24 AM	Manually integrate compound m+p-Xylenes in sample 05DEC07.D, from x, y = 10.020, 0 to 10.045, 0, result = 590; previous integration is from x, y = 10.020, 0 to 10.039, -7 and previous response = 510.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:53:27 AM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 05DEC07.D from x, y = 9.998, 0 to 10.084, 0; result = 1816			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:53:33 AM	Manually integrate compound Toluene in sample 05DEC07.D from x, y = 8.350, 0 to 8.416, 0; result = 1491			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:53:35 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 05DEC07.D, from x, y = 8.366, 67 to 8.422, 0, result = 2470; previous integration is from x, y = 8.361, 0 to 8.422, 0 and previous response = 2641.			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\mchavez	12/8/2021 11:53:37 AM	Clear manual integration of qualifier 91.0 for compound Toluene in sample 05DEC07.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:53:58 AM	Manually integrate compound Ethylbenzene in sample 05DEC07.D from x, y = 9.892, 0 to 9.964, 0; result = 537			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:53:59 AM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 05DEC07.D from x, y = 9.911, 0 to 9.953, 0; result = 94			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:54:20 AM	Manually integrate compound Benzene in sample 05DEC07.D from x, y = 6.252, 0 to 6.311, 0; result = 257			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:54:22 AM	Manually integrate qualifier77.0 of compound Benzene in sample 05DEC07.D from x, y = 6.239, 0 to 6.339, 0; result = 108			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:54:44 AM	Manually integrate compound Chloromethane in sample 05DEC07.D from x, y = 1.389, 0 to 1.431, 0; result = 642			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:54:48 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 05DEC07.D from x, y = 1.384, 0 to 1.448, 0; result = 172			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:55:03 AM	Manually integrate compound Ethylbenzene in sample 05DEC07.D, from x, y = 9.950, 0 to 10.020, 0, result = 99; previous integration is from x, y = 9.892, 0 to 9.964, 0 and previous response = 537.			✓	
CmdClearManualIntegration	BL2000\mchavez	12/8/2021 11:55:06 AM	Clear manual integration of target signal for compound Ethylbenzene in sample 05DEC07.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)

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:55:15 AM	Manually integrate compound m+p-Xylenes in sample 05DEC07.D, from x, y = 10.020, 0 to 10.070, 0, result = 674; previous integration is from x, y = 10.020, 0 to 10.045, 0 and previous response = 590.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:55:25 AM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 05DEC07.D from x, y = 9.897, 0 to 10.084, 0; result = 0			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:55:33 AM	Manually integrate qualifier 91.0 of compound m+p-Xylenes in sample 05DEC07.D, from x, y = 10.017, 0 to 10.084, 0, result = 1772; previous integration is from x, y = 9.998, 0 to 10.084, 0 and previous response = 1816.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:55:44 AM	Manually integrate compound Ethylbenzene in sample 05DEC07.D from x, y = 9.889, 0 to 9.945, 0; result = 537			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:55:48 AM	Manually integrate qualifier 106.0 of compound Ethylbenzene in sample 05DEC07.D, from x, y = 9.897, 0 to 9.967, 0, result = 94; previous integration is from x, y = 9.897, 0 to 10.065, 0 and previous response = 768.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:55:56 AM	Set UserAnnotation = NI for compound m+p-Xylenes in sample 05DEC07.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:55:59 AM	Set UserAnnotation = NI for compound Ethylbenzene in sample 05DEC07.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:56:03 AM	Set UserAnnotation = NI for compound Toluene in sample 05DEC07.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:56:07 AM	Set UserAnnotation = NI for compound Benzene in sample 05DEC07.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:56:10 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 05DEC07.D; previous value =			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdClearManualIntegration	BL2000\mchavez	12/8/2021 11:56:16 AM	Clear manual integration of target signal for compound Bromomethane in sample 05DEC07.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)
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:56:25 AM	Set UserAnnotation = NI for compound Chloromethane in sample 05DEC07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:56:31 AM	Manually integrate compound Bromomethane in sample 05DEC07.D from x, y = 1.774, 0 to 1.827, 0; result = 357			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:56:34 AM	Manually integrate qualifier94.0 of compound Bromomethane in sample 05DEC07.D from x, y = 1.749, 0 to 1.807, -1; result = 293			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:56:50 AM	Set UserAnnotation = NI for compound Bromomethane in sample 05DEC07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:56:59 AM	Manually integrate compound Chloromethane in sample 05DEC06.D from x, y = 1.381, 0 to 1.442, 0; result = 223			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:57:03 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 05DEC06.D from x, y = 1.383, 0 to 1.439, 0; result = 53			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 11:57:14 AM	Set UserAnnotation = NI for compound Chloromethane in sample 05DEC06.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 11:57:53 AM	Set SampleApproved = True for sample 05DEC07.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:58:08 AM	Manually integrate compound Chloromethane in sample 05DEC08.D from x, y = 1.381, 0 to 1.428, 0; result = 515			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:58:10 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 05DEC08.D from x, y = 1.403, 0 to 1.439, 0; result = 68			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:58:18 AM	Manually integrate compound Bromomethane in sample 05DEC08.D from x, y = 1.754, 0 to 1.843, 0; result = 398			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:58:23 AM	Manually integrate qualifier94.0 of compound Bromomethane in sample 05DEC08.D from x, y = 1.779, 0 to 1.802, 0; result = 266			✓	
CmdZeroOutPeak	BL2000\mchavez	12/8/2021 11:58:31 AM	Zero out primary peak of compound Bromomethane in sample 05DEC08.D			✓	
CmdClearManualIntegration	BL2000\mchavez	12/8/2021 11:58:33 AM	Clear manual integration of qualifier 94.0 for compound Bromomethane in sample 05DEC08.D				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Integrator did not find any peaks at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ClearManualIntegration() at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdClearManualIntegration.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:58:47 AM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 05DEC08.D from x, y = 3.695, 0 to 3.821, 0; result = 2087			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:58:49 AM	Manually integrate qualifier57.0 of compound Methyl tert-butyl ether (MTBE) in sample 05DEC08.D from x, y = 3.709, 0 to 3.798, 0; result = 365			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:59:01 AM	Manually integrate compound Chloroform in sample 05DEC08.D from x, y = 5.614, 0 to 5.703, 0; result = 1685			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:59:05 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 05DEC08.D from x, y = 5.605, 0 to 5.706, 0; result = 1077			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	12/8/2021 11:59:43 AM	Manually integrate compound Bromoform in sample 05DEC08.D from x, y = 10.566, 0 to 10.692, 0; result = 626			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:59:46 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 05DEC08.D from x, y = 10.605, 0 to 10.669, 0; result = 168			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	12/8/2021 11:59:47 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 05DEC08.D from x, y = 10.605, 0 to 10.644, 0; result = 189			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 12:00:01 PM	Set SampleApproved = True for sample 05DEC08.D; previous value = False			✓	
CmdClearManualIntegration	BL2000\mchavez	12/8/2021 12:00:14 PM	Clear manual integration of target signal for compound Bromomethane in sample 05DEC08.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)
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 12:00:19 PM	Set UserAnnotation = NI for compound Chloromethane in sample 05DEC08.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 12:00:21 PM	Set UserAnnotation = NI for compound Chloroform in sample 05DEC08.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 12:00:28 PM	Set UserAnnotation = NI for compound Methyl tert-butyl ether (MTBE) in sample 05DEC08.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	12/8/2021 12:00:30 PM	Set UserAnnotation = NI for compound Bromoform in sample 05DEC08.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	12/8/2021 12:00:58 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 12:01:14 PM	Set SampleType = MatrixBlank for sample 05DEC11.D; previous value = Sample			✓	
CmdZeroOutPeak	BL2000\mchavez	12/8/2021 12:01:28 PM	Zero out primary peak of compound 4-Chlorotoluene in sample 05DEC11.D			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\mchavez	12/8/2021 12:01:35 PM	Zero out primary peak of compound Styrene in sample 05DEC11.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 12:01:40 PM	Set SampleApproved = True for sample 05DEC11.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 12:01:57 PM	Set SampleApproved = True for sample 05DEC12.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 12:02:04 PM	Set SampleApproved = True for sample 05DEC13.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	12/8/2021 12:02:55 PM	Set SampleApproved = True for sample 05DEC16.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	12/8/2021 1:10:46 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	1/29/2022 4:07:34 PM	Open batch D:\Org\Data\VOA5975C\VG120521_L4\VG120521_8260B_SHT.batch.bin			✓	
CmdQuantitate	BL2000\mchavez	1/29/2022 4:09:40 PM	Quantitate all compounds in all samples			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/29/2022 4:10:29 PM	Replace level CC with CC sample 05DEC03.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 QC with QC sample 05DEC04.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-Chlorotoluene, 2-Chlorotoluene, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, Bromobenzene, p-Bromofluorobenzene, Bromoform, Styrene, o-Xylene, m+p-Xylenes, Ethylbenzene, 1,1,1,2-Tetrachloroethane, Chlorobenzene, 1,2-Dibromoethane, Chlorodibromomethane, 1,3-Dichloropropane, Tetrachloroethene, 1,1,2-Trichloroethane, trans-1,3-Dichloropropene, Toluene, Toluene-d8, cis-1,3-Dichloropropene, Bromodichloromethane, Dibromomethane, 1,2-Dichloropropane, Trichloroethene, 1,2-Dichloroethane, Benzene, 1,2-Dichloroethane-d4, 1,1-Dichloropropene, Carbon tetrachloride, Dibromofluoromethane, 1,1,1-			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Trichloroethane, Chloroform, Bromochloromethane, Methyl ethyl ketone, cis-1,2-Dichloroethene, 2,2-Dichloropropane, 1,1-Dichloroethane, Methyl tert-butyl ether (MTBE), trans-1,2-Dichloroethene, Methylene chloride, 1,1-Dichloroethene, Trichlorofluoromethane, Chloroethane, Bromomethane, Vinyl chloride, Chloromethane, Dichlorodifluoromethane};				
CmdQuantitate	BL2000\mchavez	1/29/2022 4:11:19 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/29/2022 4:11:27 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
GenerateReport	BL2000\mchavez	1/29/2022 4:12:15 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG120521_L4\QuantReports\VG120521_8260B_SHT			✓	

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	1/29/2022 4:13:12 PM	Replace level CC with CC sample 05DEC16.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	1/29/2022 4:15:25 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	1/29/2022 4:17:55 PM	Save batch D:\Org\Data\VOA5975C\VG120521_L4\QuantResults\VG120521_8260B_SHT.batch.bin			✓	
GenerateReport	BL2000\mchavez	1/29/2022 4:18:30 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG120521_L4\QuantReports\VG120521_8260B_SHT-1			✓	

Energy Laboratories Inc

Standard LOG

Standard ID: VOCF3463
Standard Name Internals
Date Prepared 9/3/2021
Date Expires: 12/31/2021
Department gcmsvoa
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Jerran D. Brenden
Status: New

Comments: Final Concentration 0.05 ug/uL.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	49	mL	2/12/

Final Volume: 50 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0357	Internals	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
1,4-Dichlorobenzene-d4	3855-82-1		0.05
Chlorobenzene-d5	3114-55-1		0.05
Fluorobenzene	462-06-6		0.05

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0357		
Standard Name	Internals	Type:	Primary
Date Prepared	12/8/2020	BY:	Jerran D. Brenden
Date Expires:	12/31/2021		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	CS-5422		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,500 ug/mL in MeOH. Catalog # STM-520-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Internal Standard	12421	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0357	Internals	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,4-Dichlorobenzene-d4	3855-82-1		2500
Chlorobenzene-d5	3114-55-1		2500
Fluorobenzene	462-06-6		2500

JP

Agilent

Certificate of Analysis
ISO Guide 34

Internal Standard

Product Number: STM-520 **Page:** 1 of 1

Lot Number: CS-5422 **Lot Issue Date:** 09-Nov-2018 **Expiration Date:** 31-Dec-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
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: Store Frozen (-25° to -10°C).

Agilent uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

Monica Bourgeois
QMS Representative

ID #: 12421
Opened:
Internal Standard
Expires: 12/31/2021
Rec'd: 2/19/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO Guide 34 Cert No. AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026 registered ISO 9001 Quality Managment System

ANAB ACCREDITED TESTING LABORATORY
ISO17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3518		
Standard Name	Calibration Surrogates	Type:	Secondary
Date Prepared	11/10/2021	BY:	Alethea M. Shaules
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.2 ug/uL in MeOH

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB199	14400	4.5	mL	3/20/

Final Volume: 5 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	0.5 mL

	Analytes	**CAS**	Conc:	**ug/uL**
S	1,2-Dichloroethane-d4	17060-07-0		0.2
S	Dibromofluoromethane	1868-53-7		0.2
S	p-Bromofluorobenzene	460-00-4		0.2
S	Toluene-d8	2037-26-5		0.2

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0426		
Standard Name	Surrogates 2.0 mg/mL	Type:	Primary
Date Prepared	9/14/2021	BY:	Jerran D. Brenden
Date Expires:	4/18/2029		
Department	gcmsvoa	Status:	New
Vendor:	AccuStandard		
Lot Number:	219041458		
Balance ID:			

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Surrogate Standard Mix	14269	1	mL	4/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	

	Analytes	**CAS**	Conc:	**ug/mL**
S	1,2-Dichloroethane-d4	17060-07-0		2000
S	Dibromofluoromethane	1868-53-7		2000
S	p-Bromofluorobenzene	460-00-4		2000
S	Toluene-d8	2037-26-5		2000

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Standard LOG

Standard ID: VOCF3497B
Standard Name Liquids
Date Prepared 10/11/2021
Date Expires: 12/11/2021
Department GCMSVOA
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Steve Dilts
Status: New

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	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
1,1,1,2-Tetrachloroethane	630-20-6		0.2
1,1,1-Trichloroethane	71-55-6		0.2
1,1,2,2-Tetrachloroethane	79-34-5		0.2
1,1,2-Trichloroethane	79-00-5		0.2
1,1-Dichloroethane	75-34-3		0.2
1,1-Dichloroethene	75-35-4		0.2
1,1-Dichloropropene	563-58-6		0.2
1,2,3-Trichlorobenzene	87-61-6		0.2
1,2,3-Trichloropropane	96-18-4		0.2
1,2,4-Trichlorobenzene	120-82-1		0.2
1,2,4-Trimethylbenzene	95-63-6		0.2
1,2-Dibromo-3-chloropropane	96-12-8		0.2
1,2-Dibromoethane	106-93-4		0.2
1,2-Dichlorobenzene	95-50-1		0.2
1,2-Dichloroethane	107-06-2		0.2
1,2-Dichloropropane	78-87-5		0.2
1,3,5-Trimethylbenzene	108-67-8		0.2
1,3-Dichlorobenzene	541-73-1		0.2
1,3-Dichloropropane	142-28-9		0.2
1,4-Dichlorobenzene	106-46-7		0.2
2,2-Dichloropropane	594-20-7		0.2
2-Chlorotoluene	95-49-8		0.2
4-Chlorotoluene	406-43-4		0.2
Benzene	71-43-2		0.2
Bromobenzene	108-86-1		0.2
Bromochloromethane	74-97-5		0.2
Bromodichloromethane	75-27-4		0.2
Bromoform	75-25-2		0.2
Carbon Tetrachloride	56-23-5		0.2
Chlorobenzene	10-90-7		0.2
Chloroform	67-66-3		0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3497B		
Standard Name	Liquids	Type:	Secondary
Date Prepared	10/11/2021	BY:	Steve Dilts
Date Expires:	12/11/2021		
Department	GCMSVOA	Status:	New
Vendor:			
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

cis-1,2-Dichloroethene	156-59-2	0.2
cis-1,3-Dichloropropene	10061-01-5	0.2
Dibromocholormethane	124-48-1	0.2
Dibromomethane	74-95-3	0.2
Dichloromethane	75-09-2	0.2
Ethylbenzene	100-41-4	0.2
Hexachlorobutadiene	87-68-6	0.2
Isopropylbenzene	98-82-8	0.2
m-Xylene	108-38-3	0.2
n-Butylbenzene	104-51-8	0.2
n-Propylbenzene	103-65-1	0.2
Naphthalene	91-20-3	0.2
o-Xylene	95-47-6	0.2
p-Isopropyltoluene	99-87-6	0.2
p-Xylene	106-42-3	0.2
sec-Butylbenzene	135-98-8	0.2
Styrene	100-42-5	0.2
tert-Butylbenzene	98-06-6	0.2
Tetrachloroethene	127-18-4	0.2
Toluene	108-88-3	0.2
trans-1,2-Dichloroethene	156-60-5	0.2
trans-1,3-Dichloropropene	10061-02-6	0.2
Trichloroethene	79-01-6	0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
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	BottleNo	Amt	Units	Exp
Volatile Organic Compounds - Liquids	12797	1	mL	4/13/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0313	Liquids	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		2000
1,1,1-Trichloroethane	71-55-6		2000
1,1,2,2-Tetrachloroethane	79-34-5		2000
1,1,2-Trichloroethane	79-00-5		2000
1,1-Dichloroethane	75-34-3		2000
1,1-Dichloroethene	75-35-4		2000
1,1-Dichloropropene	563-58-6		2000
1,2,3-Trichlorobenzene	87-61-6		2000
1,2,3-Trichloropropane	96-18-4		2000
1,2,4-Trichlorobenzene	120-82-1		2000
1,2,4-Trimethylbenzene	95-63-6		2000
1,2-Dibromo-3-chloropropane	96-12-8		2000
1,2-Dibromoethane	106-93-4		2000
1,2-Dichlorobenzene	95-50-1		2000
1,2-Dichloroethane	107-06-2		2000
1,2-Dichloropropane	78-87-5		2000
1,3,5-Trimethylbenzene	108-67-8		2000
1,3-Dichlorobenzene	541-73-1		2000
1,3-Dichloropropane	142-28-9		2000
1,4-Dichlorobenzene	106-46-7		2000
2,2-Dichloropropane	594-20-7		2000
2-Chlorotoluene	95-49-8		2000
4-Chlorotoluene	406-43-4		2000
Benzene	71-43-2		2000
Bromobenzene	108-86-1		2000
Bromochloromethane	74-97-5		2000
Bromodichloromethane	75-27-4		2000
Bromoform	75-25-2		2000
Carbon Tetrachloride	56-23-5		2000
Chlorobenzene	10-90-7		2000
Chloroform	67-66-3		2000

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0313		
Standard Name	Liquids	Type:	Primary
Date Prepared	6/23/2020	BY:	Alethea M. Shaules
Date Expires:	4/13/2023		
Department	gcmsvoa	Status:	New
Vendor:	AccuStd		
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

cis-1,2-Dichloroethene	156-59-2	2000
cis-1,3-Dichloropropene	10061-01-5	2000
Dibromocholormethane	124-48-1	2000
Dibromomethane	74-95-3	2000
Dichloromethane	75-09-2	2000
Ethylbenzene	100-41-4	2000
Hexachlorobutadiene	87-68-6	2000
Isopropylbenzene	98-82-8	2000
m-Xylene	108-38-3	2000
n-Butylbenzene	104-51-8	2000
n-Propylbenzene	103-65-1	2000
Naphthalene	91-20-3	2000
o-Xylene	95-47-6	2000
p-Isopropyltoluene	99-87-6	2000
p-Xylene	106-42-3	2000
sec-Butylbenzene	135-98-8	2000
Styrene	100-42-5	2000
tert-Butylbenzene	98-06-6	2000
Tetrachloroethene	127-18-4	2000
Toluene	108-88-3	2000
trans-1,2-Dichloroethene	156-60-5	2000
trans-1,3-Dichloropropene	10061-02-6	2000
Trichloroethene	79-01-6	2000

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 Concentration² (µg/mL)	Certified Analyte Concentration¹ (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.

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USA

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CERTIFICATE OF ANALYSIS

Catalog No: M-502A-R-10X
Description: Volatile Organic Compounds - Liquids
Lot: 220041126
Solvent: Methanol

Date Certified: Apr 13, 2020
Expiration: Apr 13, 2023
Sample Size: 1 mL
Components: 54

Component - *continued*	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
1,2,4-Trichlorobenzene	120-82-1	99.6	2001	1993
1,1,1-Trichloroethane	71-55-6	100.0	2002	2002
1,1,2-Trichloroethane	79-00-5	98.6	2000	1972
Trichloroethene	79-01-6	100.0	2003	2003
1,2,3-Trichloropropane	96-18-4	97.5	2055*	2004
1,2,4-Trimethylbenzene	95-63-6	98.2	2001	1965
1,3,5-Trimethylbenzene	108-67-8	98.8	2001	1977
o-Xylene	95-47-6	99.0	2000	1980
m-Xylene	108-38-3	99.2	2002	1986
p-Xylene	106-42-3	95.4	2097*	2001

* Weight compensated to 100% purity.

** 47.8% cis isomer, 46.1% trans isomer

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Certified By: Larry Decker, Organic QC Manager

ID #: 12797
Opened:_____
Volatile Organic Compounds - Liquids
Expires: 4/13/2023
Rec'd: 6/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

QR-ORG/INO-001
Rev. 5/18

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3523B		
Standard Name	Gases	Type:	Secondary
Date Prepared	11/21/2021	BY:	Alethea M. Shaules
Date Expires:	12/5/2021		
Department	GCMSVOA	Status:	Expired
Vendor:			
Lot Number:			
Balance ID:			

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	9	mL	3/20/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0427	Gases	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
Bromomethane	74-83-9		0.2
Chloroethane	75-00-3		0.2
Chloromethane	74-87-3		0.2
Dichlorodifluoromethane	75-71-8		0.2
Trichlorofluoromethane	75-69-4		0.2
Vinyl Chloride	75-01-4		0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0427		
Standard Name	Gases	Type:	Primary
Date Prepared	9/17/2021	BY:	Alethea M. Shaules
Date Expires:	8/3/2024		
Department	gcmsvoa	Status:	New
Vendor:	Absolute		
Lot Number:	080321		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL in MeOH. Catalog # 30058.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
EPA Method 502-524 - Volatile Gases	14285	1	mL	8/3/2

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0427	Gases	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
Bromomethane	74-83-9		2000
Chloroethane	75-00-3		2000
Chloromethane	74-87-3		2000
Dichlorodifluoromethane	75-71-8		2000
Trichlorofluoromethane	75-69-4		2000
Vinyl chloride	75-01-4		2000

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 30058
Lot Number: 080321
Description: EPA Method 502/524 - Volatile Gases Mix #1
6 components
Expiration Date: 080324
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent: Methanol **Lot#** EA783-US

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 500.0 0.058 Flask Uncertainty

Formulated By:	Mario Luis	080321 DATE
Reviewed By:	Pedro L. Rentas	080321 DATE

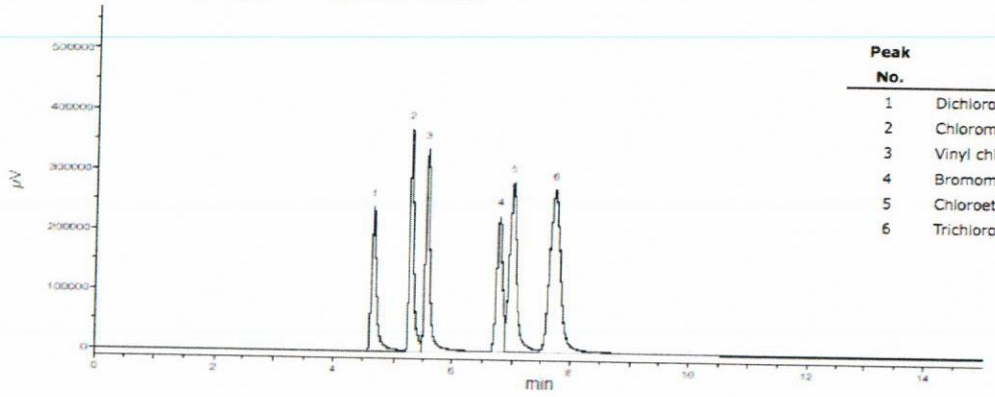
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromomethane	50	01611JX	2000	99.5	0.2	1.00508	1.0098	2009.4	8.1	74-83-9	5 ppm (20mg/m3/8H) (skin)	orl-rat 214mg/kg
2. Chloroethane	72	062617	2000	99	0.2	1.01016	1.0146	2008.8	8.1	75-00-3	1000 ppm (2600mg/m3/8H)	N/A
3. Chloromethane	79	06908MS	2000	99.5	0.2	1.00508	1.0154	2020.5	8.1	74-87-3	100 ppm	orl-rat 1800mg/kg
4. Dichlorodifluoromethane	134	92-0487	2000	99	0.2	1.01016	1.0224	2024.2	8.2	75-71-8	1000 ppm (4950mg/m3/8H)	N/A
5. Trichlorofluoromethane	294	01823MW	2000	99	0.2	1.01016	1.0110	2001.7	8.1	75-69-4	1000 ppm (5600mg/m3/8H)	ipr-mus 1743mg/kg
6. Vinyl chloride	305	04854EA	2000	99.5	0.2	1.00508	1.0071	2004.0	8.1	75-01-4	N/A	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC15-M9 Analysis by Melissa Stonier
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=150mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=40mL/min., Hydrogen(make-up)=100mL/min.
Oven Profile: Temp. 1=35°C (Time 1=9 min.), Temp 2=200°C (Time 2=1 min.),
Rate = 33°C/min., Total run time=15 min. Injector temp.=200°C, FID Temp.=200°C.
ELCD Signal = Edaq Channel 1 PID Signal = Edaq Channel 2
Standard injection = 0.5µL, Range=3 Purge Valve = 0 min.

ID #: 14285
Opened: _____
EPA Method 502-524 - Volatile Gases Mix #1
Expires: 8/3/2024
Rec'd: 9/17/2021
Energy 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

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3507B		
Standard Name	MtBE	Type:	Secondary
Date Prepared	10/25/2021	BY:	Steve Dilts
Date Expires:	12/25/2021		
Department	gcmsvoa	Status:	Expired
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.2 ug/uL.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EA899	13926	9	mL	2/12/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0373	MtBE (Methy tert-Butyl Ether)	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
tert-butylmethyl ether	1634-04-4		0
tert-butylmethyl ether (MTBE)	1634-04-4		0.2

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0373		
Standard Name	MtBE (Methy tert-Butyl Ether)	Type:	Primary
Date Prepared	2/26/2021	BY:	Steve Dilts
Date Expires:	8/31/2022		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006555762		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # STS-440

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methyl tert-Butyl Ether Standard	13578	1	mL	8/31/

Final Volume: 5 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0373	MtBE (Methy tert-Butyl Ether)	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
tert-butylmethyl ether	1634-04-4		2000

Agilent

ID #: 13578
Opened:
Methyl tert-Butyl Ether Standard
Expires: 8/31/2022
Rec'd: 2/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: Methyl tert-Butyl Ether Standard

Product Number: STS-440-1

Lot Number: 0006555762

Lot Issue Date: 19-Aug-2020

Expiration Date: 31-Aug-2022

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system, and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
tert-butylmethyl ether	001634-04-4	RM06568	2006 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3526		
Standard Name	Ketones	Type:	Primary
Date Prepared	11/22/2021	BY:	Melissa Chavez
Date Expires:	12/22/2021		
Department	gcmsvoa	Status:	Empty/Disposed
Vendor:	Chem Service		
Lot Number:	10251200		
Balance ID:			

Comments: Vial Opened For Use . 2.0 ug/uL in 90:10 MeOH:H2O.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
TCL Ketone Mix	14443	1	mL	6/30/

Final Volume: 1 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0434	Ketones	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/mL**
2-Butanone	78-93-3		2000
2-Hexanone	591-78-6		2000
4-Methyl-2-pentanone	108-10-1		2000
Acetone	67-64-1		2000

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0434		
Standard Name	Ketones	Type:	Primary
Date Prepared	10/26/2021	BY:	Steve Dilts
Date Expires:	6/30/2023		
Department	gcmsvoa	Status:	New
Vendor:	Chem Service		
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	BottleNo	Amt	Units	Exp
TCL Ketone Mix	14443	1	mL	6/30/

Final Volume: 5 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0434	Ketones	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
2-Butanone	78-93-3		2000
2-Hexanone	591-78-6		2000
4-Methyl-2-pentanone	108-10-1		2000
Acetone	67-64-1		2000

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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

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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

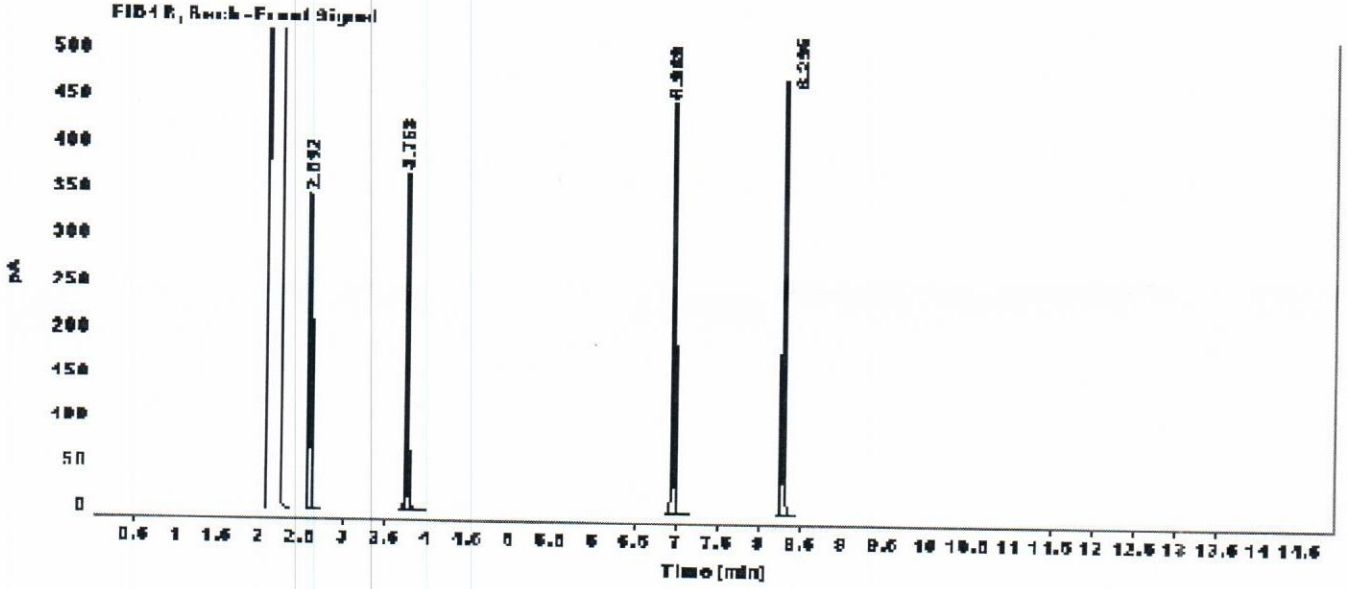
PJLA Reference Material Producer

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

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3517		
Standard Name	Internal Standard / Surrogates (INT/SURR)	Type:	Secondary
Date Prepared	11/10/2021	BY:	Alethea M. Shaules
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final Concentration 0.05 ug/uL in MeOH.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	95.5	mL	3/20/
0			mL	

Final Volume: 100 mL

Stock Source		Base Units	Amount Added
VOCF0425	Internals	ug/mL	2 mL
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	2.5 mL

	Analytes	CAS	Conc: ug/uL
S	1,2-Dichloroethane-d4	17060-07-0	0.05
	1,4-Dichlorobenzene-d4	3855-82-1	0.05
	Chlorobenzene-d5	3114-55-1	0.05
S	Dibromofluoromethane	1868-53-7	0.05
	Fluorobenzene	462-06-6	0.05
S	p-Bromofluorobenzene	460-00-4	0.05
S	Toluene-d8	2037-26-5	0.05

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0425		
Standard Name	Internals	Type:	Primary
Date Prepared	9/8/2021	BY:	Jerran D. Brenden
Date Expires:	12/31/2022		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
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	BottleNo	Amt	Units	Exp
Internal Standard	14251	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0425	Internals	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
1,4-Dichlorobenzene-d4	3855-82-1		2500
Chlorobenzene-d5	3114-55-1		2500
Fluorobenzene	462-06-6		2500

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0426		
Standard Name	Surrogates 2.0 mg/mL	Type:	Primary
Date Prepared	9/14/2021	BY:	Jerran D. Brenden
Date Expires:	4/18/2029		
Department	gcmsvoa	Status:	New
Vendor:	AccuStandard		
Lot Number:	219041458		
Balance ID:			

Comments: Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Surrogate Standard Mix	14269	1	mL	4/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0426	Surrogates 2.0 mg/mL	ug/mL	

	Analytes	**CAS**	Conc:	**ug/mL**
S	1,2-Dichloroethane-d4	17060-07-0		2000
S	Dibromofluoromethane	1868-53-7		2000
S	p-Bromofluorobenzene	460-00-4		2000
S	Toluene-d8	2037-26-5		2000

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

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8260A-B-SS-10X
Description: Surrogate Standard Mix
Lot: 219041458
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 18, 2019
Expiration: Apr 18, 2029
Sample Size: 1 mL
Components: 4
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
p-Bromofluorobenzene	460-00-4	99.9	2004	2002
Dibromofluoromethane	1868-53-7	99.8	2005	2001
1,2-Dichloroethane-d4	17060-07-0	100.0	2001	2001
Toluene-d8	2037-26-5	100.0	2000	2000

ID #: 14269
Opened:_____
Surrogate Standard Mix
Expires: 4/18/2029
Rec'd: 9/14/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Spike LOG

Standard ID: VOCF3505B
Standard Name 2nd Source Liquids
Date Prepared 10/23/2021
Date Expires: 12/23/2021
Department gcmsvoa
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Melissa Chavez
Status: New

Comments: Final Concentration 0.2ug/uL.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	9	mL	3/20/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0352	2nd Source Liquids	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/mL**
1,1,1,2-Tetrachloroethane	630-20-6		0.2
1,1,1-Trichloroethane	71-55-6		0.2
1,1,2,2-Tetrachloroethane	79-34-5		0.2
1,1,2-Trichloroethane	79-00-5		0.2
1,1-Dichloroethane	75-34-3		0.2
1,1-Dichloroethene	75-35-4		0.2
1,1-Dichloropropene	563-58-6		0.2
1,2,3-Trichlorobenzene	87-61-6		0.2
1,2,3-Trichloropropane	96-18-4		0.2
1,2,4-Trichlorobenzene	120-82-1		0.2
1,2,4-Trimethylbenzene	95-63-6		0.2
1,2-Dibromo-3-chloropropane	96-12-8		0.2
1,2-Dibromoethane	106-93-4		0.2
1,2-Dichlorobenzene	95-50-1		0.2
1,2-Dichloroethane	107-06-2		0.2
1,2-Dichloropropane	78-87-5		0.2
1,3,5-Trimethylbenzene	108-67-8		0.2
1,3-Dichlorobenzene	541-73-1		0.2
1,3-Dichloropropane	142-28-9		0.2
1,4-Dichlorobenzene	106-46-7		0.2
2,2-Dichloropropane	594-20-7		0.2
2-Chlorotoluene	95-49-8		0.2
4-Chlorotoluene	406-43-4		0.2
Benzene	71-43-2		0.2
Bromobenzene	108-86-1		0.2
Bromochloromethane	74-97-5		0.2
Bromodichloromethane	75-27-4		0.2
Bromoform	75-25-2		0.2
Carbon Tetrachloride	56-23-5		0.2
Chlorobenzene	10-90-7		0.2
Chloroform	67-66-3		0.2

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3505B		
Standard Name	2nd Source Liquids	Type:	Secondary
Date Prepared	10/23/2021	BY:	Melissa Chavez
Date Expires:	12/23/2021		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final Concentration 0.2ug/uL.		

cis-1,2-Dichloroethene	156-59-2	0.2
cis-1,3-Dichloropropene	10061-01-5	0.2
Dibromocholormethane	124-48-1	0.2
Dibromomethane	74-95-3	0.2
Dichloromethane	75-09-2	0.2
Ethylbenzene	100-41-4	0.2
Hexachlorobutadiene	87-68-6	0.2
Isopropylbenzene	98-82-8	0.2
m-Xylene	108-38-3	0.2
n-Butylbenzene	104-51-8	0.2
n-Propylbenzene	103-65-1	0.2
Naphthalene	91-20-3	0.2
o-Xylene	95-47-6	0.2
p-Isopropyltoluene	99-87-6	0.2
p-Xylene	106-42-3	0.2
sec-Butylbenzene	135-98-8	0.2
Styrene	100-42-5	0.2
tert-Butylbenzene	98-06-6	0.2
Tetrachloroethene	127-18-4	0.2
Toluene	108-88-3	0.2
trans-1,2-Dichloroethene	156-60-5	0.2
trans-1,3-Dichloropropene	10061-02-6	0.2
Trichloroethene	79-01-6	0.2
Vinyl Acetate	108-05-4	0

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0352		
Standard Name	2nd Source Liquids	Type:	Primary
Date Prepared	11/23/2020	BY:	Steve Dilts
Date Expires:	12/31/2023		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006570990		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
VOC Standard	13292	1	mL	12/31

Final Volume: 10 mL

Stock Source		Base Units	Amount Added
VOCF0352	2nd Source Liquids	ug/mL	

Analytes	CAS	Conc:	ug/mL
1,1,1,2-Tetrachloroethane	630-20-6		2000
1,1,1-Trichloroethane	71-55-6		2000
1,1,2,2-Tetrachloroethane	79-34-5		2000
1,1,2-Trichloroethane	79-00-5		2000
1,1-Dichloroethane	75-34-3		2000
1,1-Dichloroethene	75-35-4		2000
1,1-Dichloropropene	563-58-6		2000
1,2,3-Trichlorobenzene	87-61-6		2000
1,2,3-Trichloropropane	96-18-4		2000
1,2,4-Trichlorobenzene	120-82-1		2000
1,2,4-Trimethylbenzene	95-63-6		2000
1,2-Dibromo-3-chloropropane	96-12-8		2000
1,2-Dibromoethane	106-93-4		2000
1,2-Dichlorobenzene	95-50-1		2000
1,2-Dichloroethane	107-06-2		2000
1,2-Dichloropropane	78-87-5		2000
1,3,5-Trimethylbenzene	108-67-8		2000
1,3-Dichlorobenzene	541-73-1		2000
1,3-Dichloropropane	142-28-9		2000
1,4-Dichlorobenzene	106-46-7		2000
2,2-Dichloropropane	594-20-7		2000
2-Chlorotoluene	95-49-8		2000
4-Chlorotoluene	406-43-4		2000
Benzene	71-43-2		2000
Bromobenzene	108-86-1		2000
Bromochloromethane	74-97-5		2000
Bromodichloromethane	75-27-4		2000
Bromoform	75-25-2		2000
Carbon Tetrachloride	56-23-5		2000
Chlorobenzene	10-90-7		2000
Chloroform	67-66-3		2000

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0352		
Standard Name	2nd Source Liquids	Type:	Primary
Date Prepared	11/23/2020	BY:	Steve Dilts
Date Expires:	12/31/2023		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006570990		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

cis-1,2-Dichloroethene	156-59-2	2000
cis-1,3-Dichloropropene	10061-01-5	2000
Dibromocholormethane	124-48-1	2000
Dibromomethane	74-95-3	2000
Dichloromethane	75-09-2	2000
Ethylbenzene	100-41-4	2000
Hexachlorobutadiene	87-68-6	2000
Isopropylbenzene	98-82-8	2000
m-Xylene	108-38-3	2000
n-Butylbenzene	104-51-8	2000
n-Propylbenzene	103-65-1	2000
Naphthalene	91-20-3	2000
o-Xylene	95-47-6	2000
p-Isopropyltoluene	99-87-6	2000
p-Xylene	106-42-3	2000
sec-Butylbenzene	135-98-8	2000
Styrene	100-42-5	2000
tert-Butylbenzene	98-06-6	2000
Tetrachloroethene	127-18-4	2000
Toluene	108-88-3	2000
trans-1,2-Dichloroethene	156-60-5	2000
trans-1,3-Dichloropropene	10061-02-6	2000
Trichloroethene	79-01-6	2000

Agilent

ID #: 13292
Opened:
VOC Standard
Expires: 12/31/2023
Rec'd: 11/23/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Certificate of Analysis

Product Name: VOC Standard

Product Number: DWM-589N-1

Lot Number: 0006570990

Lot Issue Date: 17-Nov-2020

Expiration Date: 31-Dec-2023

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
bromochloromethane	000074-97-5	RM00009	2010 ± 10 µg/mL
bromodichloromethane	000075-27-4	RM12585	2009 ± 10 µg/mL
bromoform	000075-25-2	RM13987	2010 ± 10 µg/mL
carbon tetrachloride	000056-23-5	RM07576	2010 ± 10 µg/mL
chloroform	000067-66-3	RM13988	2009 ± 10 µg/mL
dibromochloromethane	000124-48-1	RM14843	2009 ± 10 µg/mL
dibromomethane	000074-95-3	RM12878	2009 ± 10 µg/mL
methylene chloride	000075-09-2	RM11650	2009 ± 10 µg/mL
1,2-dibromoethane	000106-93-4	RM00018	2010 ± 10 µg/mL
1,1-dichloroethane	000075-34-3	RM16217	2006 ± 10 µg/mL
1,2-dichloroethane	000107-06-2	RM04655	2005 ± 10 µg/mL
1,1-dichloroethene	000075-35-4	RM14486	2010 ± 10 µg/mL
cis-1,2-dichloroethene	000156-59-2	RM15008	2007 ± 10 µg/mL
trans-1,2-dichloroethene	000156-60-5	RM07565	2008 ± 10 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	RM12632	2005 ± 10 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	RM02540	2009 ± 10 µg/mL
tetrachloroethene	000127-18-4	RM06491	2008 ± 10 µg/mL

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 4
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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 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

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

Agilent

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

toluene	000108-88-3	RM06650	2008 ± 10 µg/mL
1,2,4-trimethylbenzene	000095-63-6	RM06731	2002 ± 10 µg/mL
1,3,5-trimethylbenzene	000108-67-8	RM12905	2009 ± 10 µg/mL
o-xylene	000095-47-6	RM15639	2005 ± 10 µg/mL
m-xylene	000108-38-3	RM15919	2006 ± 10 µg/mL
p-xylene	000106-42-3	RM02647	2009 ± 10 µg/mL
bromobenzene	000108-86-1	RM10227	2008 ± 10 µg/mL
chlorobenzene	000108-90-7	RM01874	2008 ± 10 µg/mL
2-chlorotoluene	000095-49-8	RM13774	2007 ± 10 µg/mL
4-chlorotoluene	000106-43-4	RM11750	2009 ± 10 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	2005 ± 10 µg/mL
1,3-dichlorobenzene	000541-73-1	NT00356	2009 ± 10 µg/mL
1,4-dichlorobenzene	000106-46-7	RM12826	2009 ± 10 µg/mL
1,2,3-trichlorobenzene	000087-61-6	RM10193	2007 ± 10 µg/mL
1,2,4-trichlorobenzene	000120-82-1	RM09454	2009 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage Conditions: Store Frozen (-25° to -10°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: DWM-589N-1

Lot Number: 0006570990

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 4 of 4
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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF3524B		
Standard Name	2nd Source Gases	Type:	Secondary
Date Prepared	11/21/2021	BY:	Alethea M. Shaules
Date Expires:	12/5/2021		
Department	gcmsvoa	Status:	Expired
Vendor:			
Lot Number:			
Balance ID:			

Comments: 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL. Corrected final volume column to match comments. MSC 01/14/2021

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	9	mL	3/20/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0361	2nd Source Gases	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
Bromomethane	74-83-9		0
Chloroethane	75-00-3		0
Chloromethane	74-87-3		0
Dichlorodifluoromethane	75-71-8		0
Trichlorofluoromethane	75-69-4		0
Vinyl Chloride	75-01-4		0

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0361		
Standard Name	2nd Source Gases	Type:	Primary
Date Prepared	12/22/2020	BY:	Steve Dilts
Date Expires:	12/31/2023		
Department	gcmsvoa	Status:	New
Vendor:	Agilent		
Lot Number:	0006572840		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-544.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
VOC Gas Mixture	13360	1	mL	12/31

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0361	2nd Source Gases	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
Bromomethane	74-83-9		2000
Chloroethane	75-00-3		2000
Chloromethane	74-87-3		2000
Dichlorodifluoromethane	75-71-8		2000
Trichlorofluoromethane	75-69-4		2000
Vinyl Chloride	75-01-4		2000

Stw

Agilent

Certificate of Analysis

Product Name: VOC Gas Standard

Product Number: DWM-544-1

Lot Number: 0006572840

Lot Issue Date: 30-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
bromomethane	000074-83-9	RM00064	2010 ± 10 µg/mL
chloroethane	000075-00-3	RM00065	2009 ± 10 µg/mL
chloromethane	000074-87-3	RM12571	2006 ± 10 µg/mL
dichlorodifluoromethane	000075-71-8	RM05289	2010 ± 10 µg/mL
trichlorofluoromethane	000075-69-4	RM00017	2008 ± 10 µg/mL
vinyl chloride	000075-01-4	RM05458	2007 ± 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.

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

Certificate of Analysis

Product Number: DWM-544-1 **Lot Number:** 0006572840

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
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CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert
No. AT-1937

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3529A		
Standard Name	2nd Source MtBE	Type:	Secondary
Date Prepared	11/29/2021	BY:	Alethea M. Shaules
Date Expires:	12/29/2021		
Department	gcmsvoa	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final Concentration 0.2 ug/uL		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap - EB199-US	14334	9	mL	3/20/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0401	2nd Source MtBE	ug/mL	1 mL

Analytes	**CAS**	Conc:	**ug/uL**
MtBE	1634-04-4		0.2

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF0401		
Standard Name	2nd Source MtBE	Type:	Primary
Date Prepared	6/7/2021	BY:	Alethea M. Shaules
Date Expires:	12/11/2029		
Department	gcmsvoa	Status:	New
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.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
MTBE	13920	1	mL	5/18/

Final Volume: 5 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0401	2nd Source MtBE	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
MtBE	1634-04-4		2000

Page: *1 of 1*

125 Market Street
New Haven, CT 06513
USA

AccuStandard®

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X
Description: MtBE
Lot: 220051182
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: May 18, 2020
Expiration: May 18, 2030
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (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.

Energy Laboratories Inc

Spike LOG

Standard ID:	VOCF3534		
Standard Name	2nd Source Ketones	Type:	Primary
Date Prepared	11/30/2021	BY:	Melissa Chavez
Date Expires:	12/30/2021		
Department	gcmsvoa	Status:	Empty/Disposed
Vendor:	AccuStandard		
Lot Number:	221101480		
Balance ID:			
Comments:	Vial opened for use. 2.0 µg/µL		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
TCL Ketones Mixture	14567	1	mL	11/26

Final Volume: 1 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0439	2nd Source Ketones	ug/mL	1 mL

	Analytes	**CAS**	Conc:	**ug/mL**
A	2-Butanone	78-93-3		2000
A	2-Hexanone	591-78-6		2000
A	4-Methyl-2-pentanone	108-10-1		2000
A	Acetone	67-64-1		2000

Energy Laboratories Inc

Standard LOG

Standard ID:	VOCF0439		
Standard Name	2nd Source Ketones	Type:	Primary
Date Prepared	11/30/2021	BY:	Melissa Chavez
Date Expires:	11/26/2022		
Department	gcmsvoa	Status:	New
Vendor:	AccuStandard		
Lot Number:	221101480		
Balance ID:			

Comments: Date Prepared is same as Date Received. 2,000 ug/mL in Methanol. Catalog # CLP-022K-10X.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
TCL Ketones Mixture	14567	2	mL	11/26

Final Volume: 1 mL

Stock Source		**Base Units**	**Amount Added**
VOCF0439	2nd Source Ketones	ug/mL	

Analytes	**CAS**	Conc:	**ug/mL**
2-Butanone	78-93-3		2000
2-Hexanone	591-78-6		2000
4-Methyl-2-pentanone	108-10-1		2000
Acetone	67-64-1		2000

125 Market Street
New Haven, CT 06513
USA

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CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4
Storage Condition: Freeze (<-10 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463

ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (µg/mL)	Certified Analyte Concentration¹ (µg/mL)
Acetone	67-64-1	100.0	2004	2004
2-Butanone	78-93-3	100.0	2004	2004
2-Hexanone	591-78-6	98.7	2004	1978
4-Methyl-2-pentanone	108-10-1	100.0	2004	2004

ID #: 14567
Opened:_____
TCL Ketones Mixture
Expires: 11/26/2022
Rec'd: 11/30/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

This Certified Reference Material was verified in accordance with ISO/IEC 17025

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

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New Haven, CT 06513
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CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol

Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4

T-Test

AccuStandard, Inc.
Statistical Report for CLP (SOW 1991)
26-Oct-2021

QR-QCO-003 rev. 1/16

RT	Component	CLP-022K-10X 221101480 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	CLP-022K-10X 221041075 Run #1	Run #2	Run #3	Run #4	Mean	Std Dev	% RSD	NOTES: t.025 test	CI 221101480	Component	CI 221041075	# of Runs	Conc.	10 % error check of means
3.74	Acetone (67-64-1)	1925	1881	1854	1803	1866	51.05	2.74%	1751	1712	1750	1764	1744	22.43	1.29%	4.36	119.2	Acetone (67-64-1)	55	4	2000	7 %
5.77	2-Butanone (78-93-3)	2275	2223	2237	2149	2221	52.79	2.38%	2157	2103	2145	2177	2146	31.26	1.46%	2.46	58.5	2-Butanone (78-93-3)	35.9	4	2000	3 %
8.34	4-Methyl-2-pentanone (108-10-1)	3373	3302	3408	3225	3327	81.05	2.44%	3349	3240	3296	3415	3325	74.70	2.25%	0.04	0.9	4-Methyl-2-pentanone (108	0.8	4	2000	0 %
9.13	2-Hexanone (591-78-6)	3260	3199	3332	3118	3227	90.88	2.82%	3186	3072	3120	3239	3154	73.32	2.32%	1.25	35.2	2-Hexanone (591-78-6)	29.1	4	2000	2 %

For use in routine laboratory analysis.

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New Haven, CT 06513
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CERTIFICATE OF ANALYSIS

Catalog No: CLP-022K-10X
Description: TCL Ketone Mix
Lot: 221101480
Solvent: Methanol

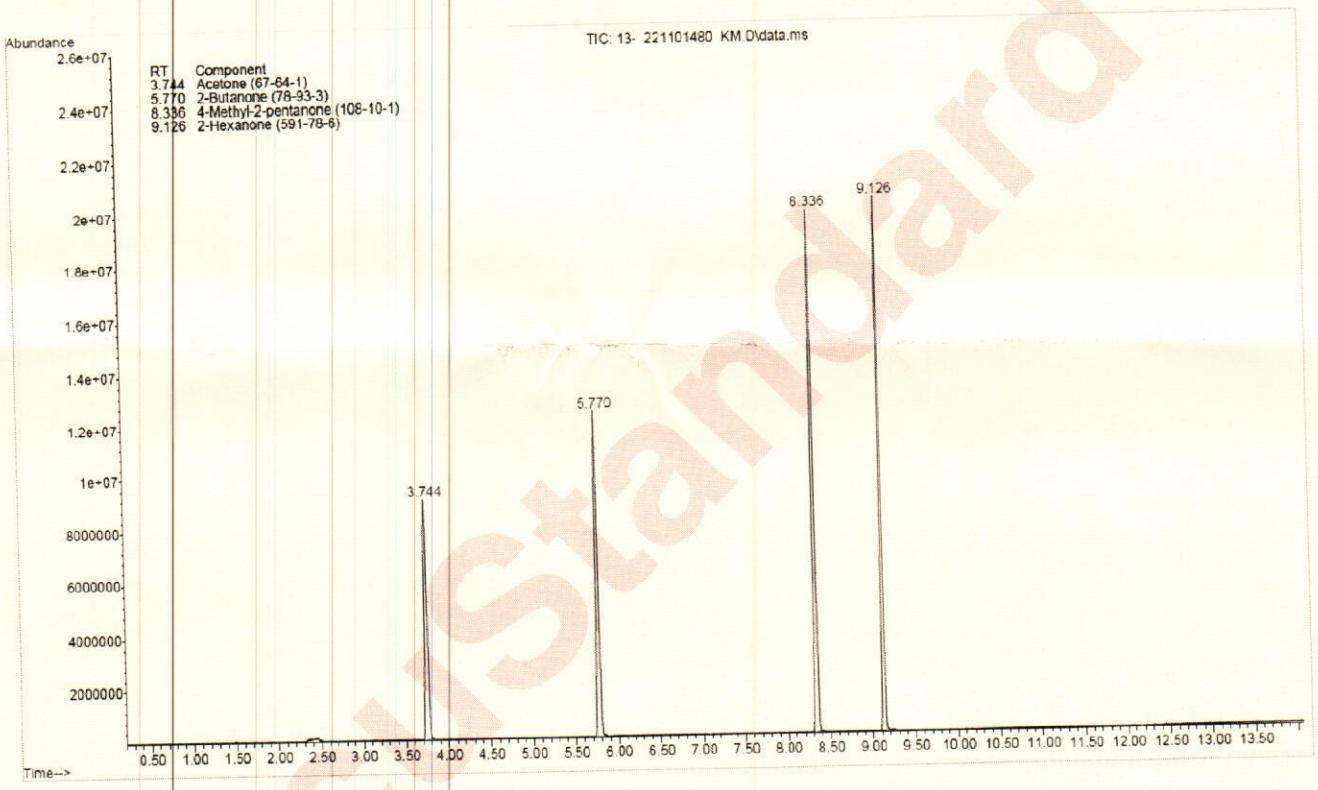
Date Certified: Oct 26, 2021
Expiration: Nov 26, 2022
Sample Size: 1 mL
Components: 4

Chromatogram

```
File       :Q:\GCMS-06 Minimal\DATA\102521\13-  221101480  KM.D
Operator   : Organic QC Lab
Acquired   : 25 Oct 2021  21:00     using AcqMethod VOC-Split100.M
Instrument :   GCMS 6
Sample Name: CLP-022K-10X  (221101480)
Misc Info  : TCL Ketone Mix @ 2000 ug/mL in MeOH
Vial Number: 34
```

AccuStandard®

Column: DB-624 UI, 30m x 0.25mm ID x 1.4µm
Oven Program: 35°C (hold 5min), 11°C/min to 60°C, 22°C/min to 230°C (hold 4min)
GC Parameters: Split 100:1, 1µl inj.; GC/MS; injector temp 240°C



For use in routine laboratory analysis.