

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

27-Mar-22

Run ID VOA5975C.I\_220308A

Run Start Date: 3/8/2022  
 Analyst: Melissa Chavez  
 Ical:  
 Column ID:  
 Comments:

Instrument ID	Description
Bal #22	Balance

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3563	Internals		ul	42	ml	CAL	7/3/2022
VOCF3567B	2nd Source Ketones	1.05	ul	42	ml	ICV	3/12/2022
VOCF3579B	2nd Source Liquids	1.05	ul	42	ml	ICV	3/28/2022
VOCF3582B	2nd Source MtBE	1.05	ul	42	ml	ICV	3/31/2022
VOCF3590	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	MBLK, ICV (	8/3/2022
VOCF3591	Calibration Surrogates		ul	42	ml	CAL	8/3/2022
VOCF3599A	Liquids		ul	42	ml	CAL	3/14/2022
VOCF3606	Ketones		ul	42	ml	CAL	3/25/2022
VOCF3607A	MtBE		ul	42	ml	CAL	3/30/2022
VOCF3616A	Gases		ul	42	ml	CCV	3/9/2022
VOCF3617A	2nd Source Gases	1.05	ul	42	ml	ICV	3/12/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087222	08MAR08_D_T	VOC-8260-BFB	TUNE	VA5975C\VG03083	8/2022 1:24:00	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	1.6	1.6		100	0	0	0	0	0	2%	0	2	0%	
174, % of mass 95	A	%	93.9	93.9		100	0	0	0	0	0	94%	50	99.99	0%	
175, % of mass 174	A	%	7	7		100	0	0	0	0	0	7%	5	9	0%	
176, % of mass 174	A	%	95.7	95.7		100	0	0	0	0	0	96%	95	101	0%	
177, % of mass 176	A	%	6.2	6.2		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	%	50.8	50.8		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	%	6.5	6.5		100	0	0	0	0	0	7%	5	9	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087243	MBLK030822_	VOC-8260-W-Q	MBLK	\\A5975C\VG03083\8\2022	1:59:37	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	0.5	500	0%	0	0	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	0.5	500	0%	0	0	0%	
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	0.5	500	0%	0	0	0%	
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	0.5	500	0%	0	0	0%	
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	0.5	500	0%	0	0	0%	
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	0.5	500	0%	0	0	0%	
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	0.5	500	0%	0	0	0%	
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	0.5	500	0%	0	0	0%	
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	0.5	500	0%	0	0	0%	
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	0.5	500	0%	0	0	0%	
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	0.5	500	0%	0	0	0%	
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	0.5	500	0%	0	0	0%	
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	0.5	500	0%	0	0	0%	
Benzene	A	ug/L	0.07616	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	0.5	500	0%	0	0	0%	
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	0.5	500	0%	0	0	0%	
Bromoform	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Bromomethane	A	ug/L	0	0		0	0	0	0.253	0.5	500	0%	0	0	0%	
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	0.5	500	0%	0	0	0%	
Chloroethane	A	ug/L	0	0		0	0	0	0.169	0.5	500	0%	0	0	0%	
Chloroform	A	ug/L	0.71913	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	
Chloromethane	A	ug/L	0.36422	0		0	0	0	0.162	0.5	500	0%	0	0	0%	
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	0.5	500	0%	0	0	0%	
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	0.5	500	0%	0	0	0%	
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087243	MBLK030822_	VOC-8260-W-Q	MBLK	IA5975C\VG03083/8/2022	1:59:37	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	0.5	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	10	5000	0%	0	0	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
Methylene chloride	A	ug/L	1.70781	0		0	0	0	0.338	0.5	500	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	0.5	500	0%	0	0	0%	
Styrene	A	ug/L	0	0		0	0	0	0.067	0.5	500	0%	0	0	0%	
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	0.5	500	0%	0	0	0%	
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	0.5	500	0%	0	0	0%	
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	0.5	500	0%	0	0	0%	
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	0.5	500	0%	0	0	0%	
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	265.68601	10.6274404		10	0	0	0.229	0.5	500	106%	70	130	0%	
Dibromofluoromethane	S	ug/L	266.55232	10.6620928		10	0	0	0.129	0.5	500	107%	77	126	0%	
p-Bromofluorobenzene	S	ug/L	256.41382	10.2565528		10	0	0	0.149	0.5	500	103%	76	127	0%	
Toluene-d8	S	ug/L	240.59063	9.6236252		10	0	0	0.23	0.5	500	96%	79	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087244	ICAL030822_1	VOC-8260-W-Q	CAL1	IA5975C\VG03083/8/2022	2:50:38	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichlorobenzene	A	ug/L	2.63469	0.1053876		0.1	0	0	0.0746	0.5	500	105%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	2.33558	0.0934232		0.1	0	0	0.0803	0.5	500	93%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	2.49042	0.0996168		0.1	0	0	0.0858	0.5	500	100%	50	150	0%	
Benzene	A	ug/L	2.49654	0.0998616		0.1	0	0	0.0914	0.5	500	100%	50	150	0%	
Chloroform	A	ug/L	2.71061	0.1084244		0.1	0	0	0.0789	0.5	500	108%	50	150	0%	
Ethylbenzene	A	ug/L	2.92778	0.1171112		0.1	0	0	0.0836	0.5	500	117%	50	150	0%	
m+p-Xylenes	A	ug/L	6.1027	0.244108		0.2	0	0	0.15	0.5	1000	122%	50	150	0%	
o-Xylene	A	ug/L	2.95537	0.1182148		0.1	0	0	0.0604	0.5	500	118%	50	150	0%	
Styrene	A	ug/L	3.21135	0.128454		0.1	0	0	0.067	0.5	500	128%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087244	ICAL030822_1	VOC-8260-W-Q	CAL1	IA5975C\VG03083/8/2022	2:50:38	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Tetrachloroethene	A	ug/L	2.61193	0.1044772		0.1	0	0	0.0671	0.5	500	104%	50	150	0%	
Xylenes, Total	M	ug/L	9.05807	0.3623228		0.3	0	0	0.0604	0.5	1500	121%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087245	ICAL030822_2	VOC-8260-W-Q	CAL2	IA5975C\VG03083/8/2022	3:17:58	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	12.87628	0.5150512		0.5	0	0	0.101	0.5	500	103%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	13.34652	0.5338608		0.5	0	0	0.131	0.5	500	107%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	12.75797	0.5103188		0.5	0	0	0.0872	0.5	500	102%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	11.61648	0.4646592		0.5	0	0	0.108	0.5	500	93%	50	150	0%	
1,1-Dichloroethane	A	ug/L	13.00745	0.520298		0.5	0	0	0.135	0.5	500	104%	50	150	0%	
1,1-Dichloroethene	A	ug/L	12.69903	0.5079612		0.5	0	0	0.141	0.5	500	102%	50	150	0%	
1,1-Dichloropropene	A	ug/L	12.29614	0.4918456		0.5	0	0	0.083	0.5	500	98%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	12.8497	0.513988		0.5	0	0	0.235	0.5	500	103%	50	150	0%	
1,2-Dibromoethane	A	ug/L	12.68367	0.5073468		0.5	0	0	0.0916	0.5	500	101%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	12.372	0.49488		0.5	0	0	0.0746	0.5	500	99%	70	130	0%	
1,2-Dichloroethane	A	ug/L	12.77435	0.510974		0.5	0	0	0.116	0.5	500	102%	50	150	0%	
1,2-Dichloropropane	A	ug/L	12.84508	0.5138032		0.5	0	0	0.0847	0.5	500	103%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	12.5292	0.501168		0.5	0	0	0.0803	0.5	500	100%	70	130	0%	
1,3-Dichloropropane	A	ug/L	12.5163	0.500652		0.5	0	0	0.0791	0.5	500	100%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	12.62028	0.5048112		0.5	0	0	0.0858	0.5	500	101%	70	130	0%	
2,2-Dichloropropane	A	ug/L	12.74836	0.5099344		0.5	0	0	0.186	0.5	500	102%	50	150	0%	
2-Chlorotoluene	A	ug/L	11.58469	0.4633876		0.5	0	0	0.0876	0.5	500	93%	50	150	0%	
4-Chlorotoluene	A	ug/L	11.41174	0.4564696		0.5	0	0	0.0728	0.5	500	91%	50	150	0%	
Benzene	A	ug/L	12.56163	0.5024652		0.5	0	0	0.0914	0.5	500	100%	70	130	0%	
Bromobenzene	A	ug/L	12.49198	0.4996792		0.5	0	0	0.0831	0.5	500	100%	50	150	0%	
Bromochloromethane	A	ug/L	11.79839	0.4719356		0.5	0	0	0.141	0.5	500	94%	50	150	0%	
Bromodichloromethane	A	ug/L	12.21338	0.4885352		0.5	0	0	0.12	0.5	500	98%	50	150	0%	
Bromoform	A	ug/L	12.858	0.51432		0.5	0	0	0.119	0.5	500	103%	50	150	0%	
Bromomethane	A	ug/L	12.75502	0.5102008		0.5	0	0	0.253	0.5	500	102%	50	150	0%	
Carbon tetrachloride	A	ug/L	13.32939	0.5331756		0.5	0	0	0.143	0.5	500	107%	50	150	0%	
Chlorobenzene	A	ug/L	12.63295	0.505318		0.5	0	0	0.0914	0.5	500	101%	50	150	0%	
Chlorodibromomethane	A	ug/L	12.93982	0.5175928		0.5	0	0	0.0841	0.5	500	104%	50	150	0%	
Chloroethane	A	ug/L	13.38205	0.535282		0.5	0	0	0.169	0.5	500	107%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087245	ICAL030822_2	VOC-8260-W-Q	CAL2	IA5975C\VG03083/8/2022	3:17:58	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroform	A	ug/L	13.39468	0.5357872		0.5	0	0	0.0789	0.5	500	107%	70	130	0%	
Chloromethane	A	ug/L	13.89178	0.5556712		0.5	0	0	0.162	0.5	500	111%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	12.98081	0.5192324		0.5	0	0	0.108	0.5	500	104%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	12.05528	0.4822112		0.5	0	0	0.073	0.5	500	96%	50	150	0%	
Dibromomethane	A	ug/L	12.35478	0.4941912		0.5	0	0	0.147	0.5	500	99%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	12.63682	0.5054728		0.5	0	0	0.175	0.5	500	101%	50	150	0%	
Ethylbenzene	A	ug/L	12.05722	0.4822888		0.5	0	0	0.0836	0.5	500	96%	70	130	0%	
m+p-Xylenes	A	ug/L	23.15692	0.9262768		1	0	0	0.15	0.5	1000	93%	70	130	0%	
Methyl ethyl ketone	A	ug/L	117.83788	4.7135152		5	0	0	1.77	10	5000	94%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	12.5406	0.501624		0.5	0	0	0.101	0.5	500	100%	50	150	0%	
Methylene chloride	A	ug/L	14.81875	0.59275		0.5	0	0	0.338	0.5	500	119%	50	150	0%	
o-Xylene	A	ug/L	11.44623	0.4578492		0.5	0	0	0.0604	0.5	500	92%	70	130	0%	
Styrene	A	ug/L	11.20914	0.4483656		0.5	0	0	0.067	0.5	500	90%	70	130	0%	
Tetrachloroethene	A	ug/L	12.48522	0.4994088		0.5	0	0	0.0671	0.5	500	100%	70	130	0%	
Toluene	A	ug/L	11.22428	0.4489712		0.5	0	0	0.0679	0.5	500	90%	50	150	0%	
trans-1,2-Dichloroethene	A	ug/L	13.3225	0.5329		0.5	0	0	0.125	0.5	500	107%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	11.75323	0.4701292		0.5	0	0	0.0846	0.5	500	94%	50	150	0%	
Trichloroethene	A	ug/L	12.77346	0.5109384		0.5	0	0	0.0993	0.5	500	102%	50	150	0%	
Trichlorofluoromethane	A	ug/L	13.98336	0.5593344		0.5	0	0	0.134	0.5	500	112%	50	150	0%	
Vinyl chloride	A	ug/L	12.87062	0.5148248		0.5	0	0	0.153	0.5	500	103%	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	34.60315	1.384126		1.5	0	0	0.0604	0.5	1500	92%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	12.57039	0.5028156		0.5	0	0	0.229	0.5	500	101%	50	150	0%	
Dibromofluoromethane	S	ug/L	13.33439	0.5333756		0.5	0	0	0.129	0.5	500	107%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	12.44901	0.4979604		0.5	0	0	0.149	0.5	500	100%	50	150	0%	
Toluene-d8	S	ug/L	13.50218	0.5400872		0.5	0	0	0.23	0.5	500	108%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087246	ICAL030822_3	VOC-8260-W-Q	CAL3	IA5975C\VG03083/8/2022	3:45:18	1	R376070		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					
15087246	ICAL030822_3	VOC-8260-W-Q	CAL3	IA5975C\VG03083/8/2022	3:45:18	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	24.96022	0.9984088		1	0	0	0.101	0.5	500	100%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	24.81303	0.9925212		1	0	0	0.131	0.5	500	99%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	25.08666	1.0034664		1	0	0	0.0872	0.5	500	100%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	24.86751	0.9947004		1	0	0	0.108	0.5	500	99%	70	130	0%	
1,1-Dichloroethane	A	ug/L	25.11177	1.0044708		1	0	0	0.135	0.5	500	100%	70	130	0%	
1,1-Dichloroethene	A	ug/L	27.12311	1.0849244		1	0	0	0.141	0.5	500	108%	70	130	0%	
1,1-Dichloropropene	A	ug/L	23.18333	0.9273332		1	0	0	0.083	0.5	500	93%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	26.15882	1.0463528		1	0	0	0.235	0.5	500	105%	70	130	0%	
1,2-Dibromoethane	A	ug/L	25.54294	1.0217176		1	0	0	0.0916	0.5	500	102%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	24.1758	0.967032		1	0	0	0.0746	0.5	500	97%	70	130	0%	
1,2-Dichloroethane	A	ug/L	24.76693	0.9906772		1	0	0	0.116	0.5	500	99%	70	130	0%	
1,2-Dichloropropane	A	ug/L	23.81151	0.9524604		1	0	0	0.0847	0.5	500	95%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	23.68421	0.9473684		1	0	0	0.0803	0.5	500	95%	70	130	0%	
1,3-Dichloropropane	A	ug/L	24.68675	0.98747		1	0	0	0.0791	0.5	500	99%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	25.3136	1.012544		1	0	0	0.0858	0.5	500	101%	70	130	0%	
2,2-Dichloropropane	A	ug/L	26.0085	1.04034		1	0	0	0.186	0.5	500	104%	70	130	0%	
2-Chlorotoluene	A	ug/L	23.58616	0.9434464		1	0	0	0.0876	0.5	500	94%	70	130	0%	
4-Chlorotoluene	A	ug/L	22.08973	0.8835892		1	0	0	0.0728	0.5	500	88%	70	130	0%	
Benzene	A	ug/L	23.81212	0.9524848		1	0	0	0.0914	0.5	500	95%	70	130	0%	
Bromobenzene	A	ug/L	23.47901	0.9391604		1	0	0	0.0831	0.5	500	94%	70	130	0%	
Bromochloromethane	A	ug/L	24.96819	0.9987276		1	0	0	0.141	0.5	500	100%	70	130	0%	
Bromodichloromethane	A	ug/L	25.40422	1.0161688		1	0	0	0.12	0.5	500	102%	70	130	0%	
Bromoform	A	ug/L	26.12851	1.0451404		1	0	0	0.119	0.5	500	105%	70	130	0%	
Bromomethane	A	ug/L	22.99128	0.9196512		1	0	0	0.253	0.5	500	92%	70	130	0%	
Carbon tetrachloride	A	ug/L	25.09656	1.0038624		1	0	0	0.143	0.5	500	100%	70	130	0%	
Chlorobenzene	A	ug/L	24.21119	0.9684476		1	0	0	0.0914	0.5	500	97%	70	130	0%	
Chlorodibromomethane	A	ug/L	23.87751	0.9551004		1	0	0	0.0841	0.5	500	96%	70	130	0%	
Chloroethane	A	ug/L	24.26442	0.9705768		1	0	0	0.169	0.5	500	97%	70	130	0%	
Chloroform	A	ug/L	25.08165	1.003266		1	0	0	0.0789	0.5	500	100%	70	130	0%	
Chloromethane	A	ug/L	24.35014	0.9740056		1	0	0	0.162	0.5	500	97%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	23.59196	0.9436784		1	0	0	0.108	0.5	500	94%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	23.49887	0.9399548		1	0	0	0.073	0.5	500	94%	70	130	0%	
Dibromomethane	A	ug/L	25.87559	1.0350236		1	0	0	0.147	0.5	500	104%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	24.76293	0.9905172		1	0	0	0.175	0.5	500	99%	70	130	0%	
Ethylbenzene	A	ug/L	23.06833	0.9227332		1	0	0	0.0836	0.5	500	92%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087246	ICAL030822_3	VOC-8260-W-Q	CAL3	IA5975C\VG03083/8/2022	3:45:18	1	R376070		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	44.89292	1.7957168		2	0	0	0.15	0.5	1000	90%	70	130	0%	
Methyl ethyl ketone	A	ug/L	227.58112	9.1032448		10	0	0	1.77	10	5000	91%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	24.30003	0.9720012		1	0	0	0.101	0.5	500	97%	70	130	0%	
Methylene chloride	A	ug/L	26.1648	1.046592		1	0	0	0.338	0.5	500	105%	70	130	0%	
o-Xylene	A	ug/L	23.9314	0.957256		1	0	0	0.0604	0.5	500	96%	70	130	0%	
Styrene	A	ug/L	21.68589	0.8674356		1	0	0	0.067	0.5	500	87%	70	130	0%	
Tetrachloroethene	A	ug/L	23.66338	0.9465352		1	0	0	0.0671	0.5	500	95%	70	130	0%	
Toluene	A	ug/L	22.94175	0.91767		1	0	0	0.0679	0.5	500	92%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	24.967	0.99868		1	0	0	0.125	0.5	500	100%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	22.90472	0.9161888		1	0	0	0.0846	0.5	500	92%	70	130	0%	
Trichloroethene	A	ug/L	24.71032	0.9884128		1	0	0	0.0993	0.5	500	99%	70	130	0%	
Trichlorofluoromethane	A	ug/L	25.40169	1.0160676		1	0	0	0.134	0.5	500	102%	70	130	0%	
Vinyl chloride	A	ug/L	25.30508	1.0122032		1	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	68.82432	2.7529728		3	0	0	0.0604	0.5	1500	92%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	26.78453	1.0713812		1	0	0	0.229	0.5	500	107%	70	130	0%	
Dibromofluoromethane	S	ug/L	25.14484	1.0057936		1	0	0	0.129	0.5	500	101%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	22.1887	0.887548		1	0	0	0.149	0.5	500	89%	70	130	0%	
Toluene-d8	S	ug/L	24.44053	0.9776212		1	0	0	0.23	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					
15087247	ICAL030822_4	VOC-8260-W-Q	CAL4	IA5975C\VG03083/8/2022	4:12:46	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	47.05995	1.882398		2	0	0	0.101	0.5	500	94%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	47.1326	1.885304		2	0	0	0.131	0.5	500	94%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	49.84835	1.993934		2	0	0	0.0872	0.5	500	100%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	52.62334	2.1049336		2	0	0	0.108	0.5	500	105%	70	130	0%	
1,1-Dichloroethane	A	ug/L	47.36869	1.8947476		2	0	0	0.135	0.5	500	95%	70	130	0%	
1,1-Dichloroethene	A	ug/L	44.48666	1.7794664		2	0	0	0.141	0.5	500	89%	70	130	0%	
1,1-Dichloropropene	A	ug/L	44.29567	1.7718268		2	0	0	0.083	0.5	500	89%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	50.51963	2.0207852		2	0	0	0.235	0.5	500	101%	70	130	0%	
1,2-Dibromoethane	A	ug/L	49.02288	1.9609152		2	0	0	0.0916	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					
15087247	ICAL030822_4	VOC-8260-W-Q	CAL4	IA5975C\VG03083/8/2022	4:12:46	1	R376070		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	46.61319	1.8645276		2	0	0	0.0746	0.5	500	93%	70	130	0%	
1,2-Dichloroethane	A	ug/L	48.30577	1.9322308		2	0	0	0.116	0.5	500	97%	70	130	0%	
1,2-Dichloropropane	A	ug/L	48.23979	1.9295916		2	0	0	0.0847	0.5	500	96%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	48.15145	1.926058		2	0	0	0.0803	0.5	500	96%	70	130	0%	
1,3-Dichloropropane	A	ug/L	47.77945	1.911178		2	0	0	0.0791	0.5	500	96%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	47.9331	1.917324		2	0	0	0.0858	0.5	500	96%	70	130	0%	
2,2-Dichloropropane	A	ug/L	48.91291	1.9565164		2	0	0	0.186	0.5	500	98%	70	130	0%	
2-Chlorotoluene	A	ug/L	44.65824	1.7863296		2	0	0	0.0876	0.5	500	89%	70	130	0%	
4-Chlorotoluene	A	ug/L	47.00346	1.8801384		2	0	0	0.0728	0.5	500	94%	70	130	0%	
Benzene	A	ug/L	45.92081	1.8368324		2	0	0	0.0914	0.5	500	92%	70	130	0%	
Bromobenzene	A	ug/L	48.14062	1.9256248		2	0	0	0.0831	0.5	500	96%	70	130	0%	
Bromochloromethane	A	ug/L	48.21001	1.9284004		2	0	0	0.141	0.5	500	96%	70	130	0%	
Bromodichloromethane	A	ug/L	48.47653	1.9390612		2	0	0	0.12	0.5	500	97%	70	130	0%	
Bromoform	A	ug/L	47.79852	1.9119408		2	0	0	0.119	0.5	500	96%	70	130	0%	
Bromomethane	A	ug/L	47.95639	1.9182556		2	0	0	0.253	0.5	500	96%	70	130	0%	
Carbon tetrachloride	A	ug/L	46.21446	1.8485784		2	0	0	0.143	0.5	500	92%	70	130	0%	
Chlorobenzene	A	ug/L	48.47245	1.938898		2	0	0	0.0914	0.5	500	97%	70	130	0%	
Chlorodibromomethane	A	ug/L	49.07359	1.9629436		2	0	0	0.0841	0.5	500	98%	70	130	0%	
Chloroethane	A	ug/L	50.50691	2.0202764		2	0	0	0.169	0.5	500	101%	70	130	0%	
Chloroform	A	ug/L	47.18927	1.8875708		2	0	0	0.0789	0.5	500	94%	70	130	0%	
Chloromethane	A	ug/L	49.26238	1.9704952		2	0	0	0.162	0.5	500	99%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	46.60948	1.8643792		2	0	0	0.108	0.5	500	93%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	46.59142	1.8636568		2	0	0	0.073	0.5	500	93%	70	130	0%	
Dibromomethane	A	ug/L	50.52936	2.0211744		2	0	0	0.147	0.5	500	101%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	49.57957	1.9831828		2	0	0	0.175	0.5	500	99%	70	130	0%	
Ethylbenzene	A	ug/L	45.34939	1.8139756		2	0	0	0.0836	0.5	500	91%	70	130	0%	
m+p-Xylenes	A	ug/L	90.9482	3.637928		4	0	0	0.15	0.5	1000	91%	70	130	0%	
Methyl ethyl ketone	A	ug/L	462.51973	18.5007892		20	0	0	1.77	10	5000	93%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	46.64678	1.8658712		2	0	0	0.101	0.5	500	93%	70	130	0%	
Methylene chloride	A	ug/L	50.68308	2.0273232		2	0	0	0.338	0.5	500	101%	70	130	0%	
o-Xylene	A	ug/L	45.62603	1.8250412		2	0	0	0.0604	0.5	500	91%	70	130	0%	
Styrene	A	ug/L	44.99621	1.7998484		2	0	0	0.067	0.5	500	90%	70	130	0%	
Tetrachloroethene	A	ug/L	47.77129	1.9108516		2	0	0	0.0671	0.5	500	96%	70	130	0%	
Toluene	A	ug/L	48.13962	1.9255848		2	0	0	0.0679	0.5	500	96%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	46.46666	1.8586664		2	0	0	0.125	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					
15087247	ICAL030822_4	VOC-8260-W-Q	CAL4	IA5975C\VG03083/8/2022	4:12:46	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,3-Dichloropropene	A	ug/L	47.96207	1.9184828		2	0	0	0.0846	0.5	500	96%	70	130	0%	
Trichloroethene	A	ug/L	45.04031	1.8016124		2	0	0	0.0993	0.5	500	90%	70	130	0%	
Trichlorofluoromethane	A	ug/L	49.34823	1.9739292		2	0	0	0.134	0.5	500	99%	70	130	0%	
Vinyl chloride	A	ug/L	47.71719	1.9086876		2	0	0	0.153	0.5	500	95%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	136.57423	5.4629692		6	0	0	0.0604	0.5	1500	91%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	46.39784	1.8559136		2	0	0	0.229	0.5	500	93%	70	130	0%	
Dibromofluoromethane	S	ug/L	47.20114	1.8880456		2	0	0	0.129	0.5	500	94%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	46.99307	1.8797228		2	0	0	0.149	0.5	500	94%	70	130	0%	
Toluene-d8	S	ug/L	46.40417	1.8561668		2	0	0	0.23	0.5	500	93%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087248	ICAL030822_5	VOC-8260-W-Q	CAL5	IA5975C\VG03083/8/2022	5:07:27	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	123.76636	4.9506544		5	0	0	0.101	0.5	500	99%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	123.66955	4.946782		5	0	0	0.131	0.5	500	99%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	122.30526	4.8922104		5	0	0	0.0872	0.5	500	98%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	125.01278	5.0005112		5	0	0	0.108	0.5	500	100%	70	130	0%	
1,1-Dichloroethane	A	ug/L	124.58659	4.9834636		5	0	0	0.135	0.5	500	100%	70	130	0%	
1,1-Dichloroethene	A	ug/L	121.34321	4.8537284		5	0	0	0.141	0.5	500	97%	70	130	0%	
1,1-Dichloropropene	A	ug/L	124.74263	4.9897052		5	0	0	0.083	0.5	500	100%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	116.19602	4.6478408		5	0	0	0.235	0.5	500	93%	70	130	0%	
1,2-Dibromoethane	A	ug/L	123.82559	4.9530236		5	0	0	0.0916	0.5	500	99%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	124.28996	4.9715984		5	0	0	0.0746	0.5	500	99%	70	130	0%	
1,2-Dichloroethane	A	ug/L	118.53329	4.7413316		5	0	0	0.116	0.5	500	95%	70	130	0%	
1,2-Dichloropropane	A	ug/L	124.67014	4.9868056		5	0	0	0.0847	0.5	500	100%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	129.68216	5.1872864		5	0	0	0.0803	0.5	500	104%	70	130	0%	
1,3-Dichloropropane	A	ug/L	126.7026	5.068104		5	0	0	0.0791	0.5	500	101%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	126.57755	5.063102		5	0	0	0.0858	0.5	500	101%	70	130	0%	
2,2-Dichloropropane	A	ug/L	124.73275	4.98931		5	0	0	0.186	0.5	500	100%	70	130	0%	
2-Chlorotoluene	A	ug/L	129.35758	5.1743032		5	0	0	0.0876	0.5	500	103%	70	130	0%	
4-Chlorotoluene	A	ug/L	130.79997	5.2319988		5	0	0	0.0728	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					
15087248	ICAL030822_5	VOC-8260-W-Q	CAL5	IA5975C\VG03083/8/2022	5:07:27	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	127.17156	5.0868624		5	0	0	0.0914	0.5	500	102%	70	130	0%	
Bromobenzene	A	ug/L	125.19951	5.0079804		5	0	0	0.0831	0.5	500	100%	70	130	0%	
Bromochloromethane	A	ug/L	127.56574	5.1026296		5	0	0	0.141	0.5	500	102%	70	130	0%	
Bromodichloromethane	A	ug/L	125.81107	5.0324428		5	0	0	0.12	0.5	500	101%	70	130	0%	
Bromoform	A	ug/L	120.7601	4.830404		5	0	0	0.119	0.5	500	97%	70	130	0%	
Bromomethane	A	ug/L	119.07849	4.7631396		5	0	0	0.253	0.5	500	95%	70	130	0%	
Carbon tetrachloride	A	ug/L	126.56687	5.0626748		5	0	0	0.143	0.5	500	101%	70	130	0%	
Chlorobenzene	A	ug/L	127.1762	5.087048		5	0	0	0.0914	0.5	500	102%	70	130	0%	
Chlorodibromomethane	A	ug/L	123.04475	4.92179		5	0	0	0.0841	0.5	500	98%	70	130	0%	
Chloroethane	A	ug/L	121.81934	4.8727736		5	0	0	0.169	0.5	500	97%	70	130	0%	
Chloroform	A	ug/L	121.08692	4.8434768		5	0	0	0.0789	0.5	500	97%	70	130	0%	
Chloromethane	A	ug/L	120.59235	4.823694		5	0	0	0.162	0.5	500	96%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	122.51918	4.9007672		5	0	0	0.108	0.5	500	98%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	122.25183	4.8900732		5	0	0	0.073	0.5	500	98%	70	130	0%	
Dibromomethane	A	ug/L	120.98266	4.8393064		5	0	0	0.147	0.5	500	97%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	122.71391	4.9085564		5	0	0	0.175	0.5	500	98%	70	130	0%	
Ethylbenzene	A	ug/L	125.85179	5.0340716		5	0	0	0.0836	0.5	500	101%	70	130	0%	
m+p-Xylenes	A	ug/L	255.44565	10.217826		10	0	0	0.15	0.5	1000	102%	70	130	0%	
Methyl ethyl ketone	A	ug/L	1181.43051	47.2572204		50	0	0	1.77	10	5000	95%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	116.33474	4.6533896		5	0	0	0.101	0.5	500	93%	70	130	0%	
Methylene chloride	A	ug/L	117.71592	4.7086368		5	0	0	0.338	0.5	500	94%	70	130	0%	
o-Xylene	A	ug/L	126.03573	5.0414292		5	0	0	0.0604	0.5	500	101%	70	130	0%	
Styrene	A	ug/L	127.31506	5.0926024		5	0	0	0.067	0.5	500	102%	70	130	0%	
Tetrachloroethene	A	ug/L	129.1556	5.166224		5	0	0	0.0671	0.5	500	103%	70	130	0%	
Toluene	A	ug/L	129.87657	5.1950628		5	0	0	0.0679	0.5	500	104%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	123.48811	4.9395244		5	0	0	0.125	0.5	500	99%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	126.74829	5.0699316		5	0	0	0.0846	0.5	500	101%	70	130	0%	
Trichloroethene	A	ug/L	128.1821	5.127284		5	0	0	0.0993	0.5	500	103%	70	130	0%	
Trichlorofluoromethane	A	ug/L	117.79597	4.7118388		5	0	0	0.134	0.5	500	94%	70	130	0%	
Vinyl chloride	A	ug/L	120.32208	4.8128832		5	0	0	0.153	0.5	500	96%	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	381.48138	15.2592552		15	0	0	0.0604	0.5	1500	102%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	125.39254	5.0157016		5	0	0	0.229	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087248	ICAL030822_5	VOC-8260-W-Q	CAL5	IA5975C\VG03083/8/2022	5:07:27	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	123.85195	4.954078		5	0	0	0.129	0.5	500	99%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	127.96158	5.1184632		5	0	0	0.149	0.5	500	102%	70	130	0%	
Toluene-d8	S	ug/L	124.85548	4.9942192		5	0	0	0.23	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087249	ICAL030822_6	VOC-8260-W-Q	CAL6	IA5975C\VG03083/8/2022	6:02:07	1	R376070		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	250.44548	10.0178192		10	0	0	0.101	0.5	500	100%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	249.43482	9.9773928		10	0	0	0.131	0.5	500	100%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	249.92775	9.99711		10	0	0	0.0872	0.5	500	100%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	252.07423	10.0829692		10	0	0	0.108	0.5	500	101%	70	130	0%	
1,1-Dichloroethane	A	ug/L	252.39038	10.0956152		10	0	0	0.135	0.5	500	101%	70	130	0%	
1,1-Dichloroethene	A	ug/L	227.46706	9.0986824		10	0	0	0.141	0.5	500	91%	70	130	0%	
1,1-Dichloropropene	A	ug/L	265.68166	10.6272664		10	0	0	0.083	0.5	500	106%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	249.26986	9.9707944		10	0	0	0.235	0.5	500	100%	70	130	0%	
1,2-Dibromoethane	A	ug/L	249.4196	9.976784		10	0	0	0.0916	0.5	500	100%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	252.4347	10.097388		10	0	0	0.0746	0.5	500	101%	70	130	0%	
1,2-Dichloroethane	A	ug/L	257.61766	10.3047064		10	0	0	0.116	0.5	500	103%	70	130	0%	
1,2-Dichloropropane	A	ug/L	249.58957	9.9835828		10	0	0	0.0847	0.5	500	100%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	257.92936	10.3171744		10	0	0	0.0803	0.5	500	103%	70	130	0%	
1,3-Dichloropropane	A	ug/L	255.73169	10.2292676		10	0	0	0.0791	0.5	500	102%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	250.76015	10.030406		10	0	0	0.0858	0.5	500	100%	70	130	0%	
2,2-Dichloropropane	A	ug/L	249.25332	9.9701328		10	0	0	0.186	0.5	500	100%	70	130	0%	
2-Chlorotoluene	A	ug/L	263.43473	10.5373892		10	0	0	0.0876	0.5	500	105%	70	130	0%	
4-Chlorotoluene	A	ug/L	267.74444	10.7097776		10	0	0	0.0728	0.5	500	107%	70	130	0%	
Benzene	A	ug/L	259.11609	10.3646436		10	0	0	0.0914	0.5	500	104%	70	130	0%	
Bromobenzene	A	ug/L	258.70705	10.348282		10	0	0	0.0831	0.5	500	103%	70	130	0%	
Bromochloromethane	A	ug/L	257.45143	10.2980572		10	0	0	0.141	0.5	500	103%	70	130	0%	
Bromodichloromethane	A	ug/L	254.78529	10.1914116		10	0	0	0.12	0.5	500	102%	70	130	0%	
Bromoform	A	ug/L	243.36418	9.7345672		10	0	0	0.119	0.5	500	97%	70	130	0%	
Bromomethane	A	ug/L	260.29676	10.4118704		10	0	0	0.253	0.5	500	104%	70	130	0%	
Carbon tetrachloride	A	ug/L	248.8692	9.954768		10	0	0	0.143	0.5	500	100%	70	130	0%	
Chlorobenzene	A	ug/L	251.14378	10.0457512		10	0	0	0.0914	0.5	500	100%	70	130	0%	
Chlorodibromomethane	A	ug/L	252.55606	10.1022424		10	0	0	0.0841	0.5	500	101%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087249	ICAL030822_6	VOC-8260-W-Q	CAL6	IA5975C\VG03083/8/2022	6:02:07	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chloroethane	A	ug/L	258.07946	10.3231784		10	0	0	0.169	0.5	500	103%	70	130	0%	
Chloroform	A	ug/L	246.83059	9.8732236		10	0	0	0.0789	0.5	500	99%	70	130	0%	
Chloromethane	A	ug/L	246.26398	9.8505592		10	0	0	0.162	0.5	500	99%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	255.98877	10.2395508		10	0	0	0.108	0.5	500	102%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	258.90405	10.356162		10	0	0	0.073	0.5	500	104%	70	130	0%	
Dibromomethane	A	ug/L	245.73357	9.8293428		10	0	0	0.147	0.5	500	98%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	255.81679	10.2326716		10	0	0	0.175	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	254.83927	10.1935708		10	0	0	0.0836	0.5	500	102%	70	130	0%	
m+p-Xylenes	A	ug/L	507.96091	20.3184364		20	0	0	0.15	0.5	1000	102%	70	130	0%	
Methyl ethyl ketone	A	ug/L	2686.6395	107.46558		100	0	0	1.77	10	5000	107%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	263.03026	10.5212104		10	0	0	0.101	0.5	500	105%	70	130	0%	
Methylene chloride	A	ug/L	236.72378	9.4689512		10	0	0	0.338	0.5	500	95%	70	130	0%	
o-Xylene	A	ug/L	254.22043	10.1688172		10	0	0	0.0604	0.5	500	102%	70	130	0%	
Styrene	A	ug/L	255.77592	10.2310368		10	0	0	0.067	0.5	500	102%	70	130	0%	
Tetrachloroethene	A	ug/L	253.00364	10.1201456		10	0	0	0.0671	0.5	500	101%	70	130	0%	
Toluene	A	ug/L	265.14238	10.6056952		10	0	0	0.0679	0.5	500	106%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	249.76948	9.9907792		10	0	0	0.125	0.5	500	100%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	257.88968	10.3155872		10	0	0	0.0846	0.5	500	103%	70	130	0%	
Trichloroethene	A	ug/L	251.68613	10.0674452		10	0	0	0.0993	0.5	500	101%	70	130	0%	
Trichlorofluoromethane	A	ug/L	238.14712	9.5258848		10	0	0	0.134	0.5	500	95%	70	130	0%	
Vinyl chloride	A	ug/L	254.77587	10.1910348		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	762.18134	30.4872536		30	0	0	0.0604	0.5	1500	102%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	250.94944	10.0379776		10	0	0	0.229	0.5	500	100%	70	130	0%	
Dibromofluoromethane	S	ug/L	250.28061	10.0112244		10	0	0	0.129	0.5	500	100%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	260.60882	10.4243528		10	0	0	0.149	0.5	500	104%	70	130	0%	
Toluene-d8	S	ug/L	251.23493	10.0493972		10	0	0	0.23	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087250	ICAL030822_7	VOC-8260-W-Q	CAL7	IA5975C\VG03083/8/2022	6:56:41	1	R376070		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					
15087250	ICAL030822_7	VOC-8260-W-Q	CAL7	\\A5975C\VG03083\8\2022	6:56:41	1	R376070		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	387.74981	15.5099924		15	0	0	0.101	0.5	500	103%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	383.39341	15.3357364		15	0	0	0.131	0.5	500	102%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	377.44054	15.0976216		15	0	0	0.0872	0.5	500	101%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	383.30776	15.3323104		15	0	0	0.108	0.5	500	102%	70	130	0%	
1,1-Dichloroethane	A	ug/L	379.95317	15.1981268		15	0	0	0.135	0.5	500	101%	70	130	0%	
1,1-Dichloroethene	A	ug/L	404.65576	16.1862304		15	0	0	0.141	0.5	500	108%	70	130	0%	
1,1-Dichloropropene	A	ug/L	405.35885	16.214354		15	0	0	0.083	0.5	500	108%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	377.52512	15.1010048		15	0	0	0.235	0.5	500	101%	70	130	0%	
1,2-Dibromoethane	A	ug/L	378.18143	15.1272572		15	0	0	0.0916	0.5	500	101%	70	130	0%	
1,2-Dichlorobenzene	A	ug/L	385.06834	15.4027336		15	0	0	0.0746	0.5	500	103%	70	130	0%	
1,2-Dichloroethane	A	ug/L	389.79232	15.5916928		15	0	0	0.116	0.5	500	104%	70	130	0%	
1,2-Dichloropropane	A	ug/L	390.3511	15.614044		15	0	0	0.0847	0.5	500	104%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	392.94811	15.7179244		15	0	0	0.0803	0.5	500	105%	70	130	0%	
1,3-Dichloropropane	A	ug/L	385.37524	15.4150096		15	0	0	0.0791	0.5	500	103%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	378.70785	15.148314		15	0	0	0.0858	0.5	500	101%	70	130	0%	
2,2-Dichloropropane	A	ug/L	378.91033	15.1564132		15	0	0	0.186	0.5	500	101%	70	130	0%	
2-Chlorotoluene	A	ug/L	405.25231	16.2100924		15	0	0	0.0876	0.5	500	108%	70	130	0%	
4-Chlorotoluene	A	ug/L	406.41523	16.2566092		15	0	0	0.0728	0.5	500	108%	70	130	0%	
Benzene	A	ug/L	392.30015	15.692006		15	0	0	0.0914	0.5	500	105%	70	130	0%	
Bromobenzene	A	ug/L	388.85275	15.55411		15	0	0	0.0831	0.5	500	104%	70	130	0%	
Bromochloromethane	A	ug/L	389.15096	15.5660384		15	0	0	0.141	0.5	500	104%	70	130	0%	
Bromodichloromethane	A	ug/L	384.36003	15.3744012		15	0	0	0.12	0.5	500	102%	70	130	0%	
Bromoform	A	ug/L	387.6589	15.506356		15	0	0	0.119	0.5	500	103%	70	130	0%	
Bromomethane	A	ug/L	399.85792	15.9943168		15	0	0	0.253	0.5	500	107%	70	130	0%	
Carbon tetrachloride	A	ug/L	379.97339	15.1989356		15	0	0	0.143	0.5	500	101%	70	130	0%	
Chlorobenzene	A	ug/L	387.2354	15.489416		15	0	0	0.0914	0.5	500	103%	70	130	0%	
Chlorodibromomethane	A	ug/L	386.66911	15.4667644		15	0	0	0.0841	0.5	500	103%	70	130	0%	
Chloroethane	A	ug/L	377.12288	15.0849152		15	0	0	0.169	0.5	500	101%	70	130	0%	
Chloroform	A	ug/L	367.37323	14.6949292		15	0	0	0.0789	0.5	500	98%	70	130	0%	
Chloromethane	A	ug/L	375.33507	15.0134028		15	0	0	0.162	0.5	500	100%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	393.41707	15.7366828		15	0	0	0.108	0.5	500	105%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	405.425	16.217		15	0	0	0.073	0.5	500	108%	70	130	0%	
Dibromomethane	A	ug/L	387.38319	15.4953276		15	0	0	0.147	0.5	500	103%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	382.26743	15.2906972		15	0	0	0.175	0.5	500	102%	70	130	0%	
Ethylbenzene	A	ug/L	384.96625	15.39865		15	0	0	0.0836	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					
15087250	ICAL030822_7	VOC-8260-W-Q	CAL7	IA5975C\VG03083/8/2022	6:56:41	1	R376070		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	769.84435	30.793774		30	0	0	0.15	0.5	1000	103%	70	130	0%	
Methyl ethyl ketone	A	ug/L	4211.35433	168.454173		150	0	0	1.77	10	5000	112%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	396.91316	15.8765264		15	0	0	0.101	0.5	500	106%	70	130	0%	
Methylene chloride	A	ug/L	352.96356	14.1185424		15	0	0	0.338	0.5	500	94%	70	130	0%	
o-Xylene	A	ug/L	383.56424	15.3425696		15	0	0	0.0604	0.5	500	102%	70	130	0%	
Styrene	A	ug/L	387.13075	15.48523		15	0	0	0.067	0.5	500	103%	70	130	0%	
Tetrachloroethene	A	ug/L	385.1861	15.407444		15	0	0	0.0671	0.5	500	103%	70	130	0%	
Toluene	A	ug/L	400.64347	16.0257388		15	0	0	0.0679	0.5	500	107%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	381.25558	15.2502232		15	0	0	0.125	0.5	500	102%	70	130	0%	
trans-1,3-Dichloropropene	A	ug/L	407.12237	16.2848948		15	0	0	0.0846	0.5	500	109%	70	130	0%	
Trichloroethene	A	ug/L	389.10245	15.564098		15	0	0	0.0993	0.5	500	104%	70	130	0%	
Trichlorofluoromethane	A	ug/L	363.23495	14.529398		15	0	0	0.134	0.5	500	97%	70	130	0%	
Vinyl chloride	A	ug/L	382.31391	15.2925564		15	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	1153.40859	46.1363436		45	0	0	0.0604	0.5	1500	103%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	380.27138	15.2108552		15	0	0	0.229	0.5	500	101%	70	130	0%	
Dibromofluoromethane	S	ug/L	380.64695	15.225878		15	0	0	0.129	0.5	500	102%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	400.39639	16.0158556		15	0	0	0.149	0.5	500	107%	70	130	0%	
Toluene-d8	S	ug/L	384.34095	15.373638		15	0	0	0.23	0.5	500	102%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087251	ICAL030822_8	VOC-8260-W-Q	CAL8	IA5975C\VG03083/8/2022	7:51:28	1	R376070		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	502.18887	20.0875548		20	0	0	0.101	0.5	500	100%	70	130	0%	
1,1,1-Trichloroethane	A	ug/L	493.8138	19.752552		20	0	0	0.131	0.5	500	99%	70	130	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	497.13381	19.8853524		20	0	0	0.0872	0.5	500	99%	70	130	0%	
1,1,2-Trichloroethane	A	ug/L	496.48058	19.8592232		20	0	0	0.108	0.5	500	99%	70	130	0%	
1,1-Dichloroethane	A	ug/L	494.04851	19.7619404		20	0	0	0.135	0.5	500	99%	70	130	0%	
1,1-Dichloroethene	A	ug/L	524.86176	20.9944704		20	0	0	0.141	0.5	500	105%	70	130	0%	
1,1-Dichloropropene	A	ug/L	530.71883	21.2287532		20	0	0	0.083	0.5	500	106%	70	130	0%	
1,2,3-Trichloropropane	A	ug/L	490.94855	19.637942		20	0	0	0.235	0.5	500	98%	70	130	0%	
1,2-Dibromoethane	A	ug/L	493.18211	19.7272844		20	0	0	0.0916	0.5	500	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087251	ICAL030822_8	VOC-8260-W-Q	CAL8	\\A5975C\VG03083\8\2022	7:51:28	1	R376070		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	513.07992	20.5231968		20	0	0	0.0746	0.5	500	103%	70	130	0%	
1,2-Dichloroethane	A	ug/L	501.53793	20.0615172		20	0	0	0.116	0.5	500	100%	70	130	0%	
1,2-Dichloropropane	A	ug/L	509.24075	20.36963		20	0	0	0.0847	0.5	500	102%	70	130	0%	
1,3-Dichlorobenzene	A	ug/L	517.99904	20.7199616		20	0	0	0.0803	0.5	500	104%	70	130	0%	
1,3-Dichloropropane	A	ug/L	495.71089	19.8284356		20	0	0	0.0791	0.5	500	99%	70	130	0%	
1,4-Dichlorobenzene	A	ug/L	498.72678	19.9490712		20	0	0	0.0858	0.5	500	100%	70	130	0%	
2,2-Dichloropropane	A	ug/L	478.11524	19.1246096		20	0	0	0.186	0.5	500	96%	70	130	0%	
2-Chlorotoluene	A	ug/L	533.67061	21.3468244		20	0	0	0.0876	0.5	500	107%	70	130	0%	
4-Chlorotoluene	A	ug/L	531.12555	21.245022		20	0	0	0.0728	0.5	500	106%	70	130	0%	
Benzene	A	ug/L	512.78989	20.5115956		20	0	0	0.0914	0.5	500	103%	70	130	0%	
Bromobenzene	A	ug/L	512.65189	20.5060756		20	0	0	0.0831	0.5	500	103%	70	130	0%	
Bromochloromethane	A	ug/L	502.56679	20.1026716		20	0	0	0.141	0.5	500	101%	70	130	0%	
Bromodichloromethane	A	ug/L	493.32012	19.7328048		20	0	0	0.12	0.5	500	99%	70	130	0%	
Bromoform	A	ug/L	498.47725	19.93909		20	0	0	0.119	0.5	500	100%	70	130	0%	
Bromomethane	A	ug/L	520.35825	20.81433		20	0	0	0.253	0.5	500	104%	70	130	0%	
Carbon tetrachloride	A	ug/L	492.1113	19.684452		20	0	0	0.143	0.5	500	98%	70	130	0%	
Chlorobenzene	A	ug/L	498.42777	19.9371108		20	0	0	0.0914	0.5	500	100%	70	130	0%	
Chlorodibromomethane	A	ug/L	501.27104	20.0508416		20	0	0	0.0841	0.5	500	100%	70	130	0%	
Chloroethane	A	ug/L	468.09378	18.7237512		20	0	0	0.169	0.5	500	94%	70	130	0%	
Chloroform	A	ug/L	480.72535	19.229014		20	0	0	0.0789	0.5	500	96%	70	130	0%	
Chloromethane	A	ug/L	489.35815	19.574326		20	0	0	0.162	0.5	500	98%	70	130	0%	
cis-1,2-Dichloroethene	A	ug/L	516.22329	20.6489316		20	0	0	0.108	0.5	500	103%	70	130	0%	
cis-1,3-Dichloropropene	A	ug/L	534.51501	21.3806004		20	0	0	0.073	0.5	500	107%	70	130	0%	
Dibromomethane	A	ug/L	491.09456	19.6437824		20	0	0	0.147	0.5	500	98%	70	130	0%	
Dichlorodifluoromethane	A	ug/L	491.29397	19.6517588		20	0	0	0.175	0.5	500	98%	70	130	0%	
Ethylbenzene	A	ug/L	490.83607	19.6334428		20	0	0	0.0836	0.5	500	98%	70	130	0%	
m+p-Xylenes	A	ug/L	981.52898	39.2611592		40	0	0	0.15	0.5	1000	98%	70	130	0%	
Methyl ethyl ketone	A	ug/L	5395.52491	215.820996		200	0	0	1.77	10	5000	108%	70	130	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	525.29055	21.011622		20	0	0	0.101	0.5	500	105%	70	130	0%	
Methylene chloride	A	ug/L	462.19394	18.4877576		20	0	0	0.338	0.5	500	92%	70	130	0%	
o-Xylene	A	ug/L	492.1061	19.684244		20	0	0	0.0604	0.5	500	98%	70	130	0%	
Styrene	A	ug/L	488.5574	19.542296		20	0	0	0.067	0.5	500	98%	70	130	0%	
Tetrachloroethene	A	ug/L	491.01283	19.6405132		20	0	0	0.0671	0.5	500	98%	70	130	0%	
Toluene	A	ug/L	526.81549	21.0726196		20	0	0	0.0679	0.5	500	105%	70	130	0%	
trans-1,2-Dichloroethene	A	ug/L	501.26148	20.0504592		20	0	0	0.125	0.5	500	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087251	ICAL030822_8	VOC-8260-W-Q	CAL8	IA5975C\VG03083/8/2022	7:51:28	1	R376070		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	526.55347	21.0621388		20	0	0	0.0846	0.5	500	105%	70	130	0%	
Trichloroethene	A	ug/L	509.54831	20.3819324		20	0	0	0.0993	0.5	500	102%	70	130	0%	
Trichlorofluoromethane	A	ug/L	507.35795	20.294318		20	0	0	0.134	0.5	500	101%	70	130	0%	
Vinyl chloride	A	ug/L	501.30973	20.0523892		20	0	0	0.153	0.5	500	100%	70	130	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	70	130	0%	
Xylenes, Total	M	ug/L	1473.63508	58.9454032		60	0	0	0.0604	0.5	1500	98%	70	130	0%	
1,2-Dichloroethane-d4	S	ug/L	487.01777	19.4807108		20	0	0	0.229	0.5	500	97%	70	130	0%	
Dibromofluoromethane	S	ug/L	488.21799	19.5287196		20	0	0	0.129	0.5	500	98%	70	130	0%	
p-Bromofluorobenzene	S	ug/L	521.40895	20.856358		20	0	0	0.149	0.5	500	104%	70	130	0%	
Toluene-d8	S	ug/L	492.725	19.709		20	0	0	0.23	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					
15087252	ICV030822_	VOC-8260-W-Q	ICV	IA5975C\VG03083/8/2022	8:46:07	1	R376070		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	132.55823	5.3023292		5	0	0	0.101	0.5	500	106%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	129.39882	5.1759528		5	0	0	0.131	0.5	500	104%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	134.27046	5.3708184		5	0	0	0.0872	0.5	500	107%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	134.80771	5.3923084		5	0	0	0.108	0.5	500	108%	80	120	0%	
1,1-Dichloroethane	A	ug/L	133.08572	5.3234288		5	0	0	0.135	0.5	500	106%	80	120	0%	
1,1-Dichloroethene	A	ug/L	114.28914	4.5715656		5	0	0	0.141	0.5	500	91%	80	120	0%	
1,1-Dichloropropene	A	ug/L	123.57281	4.9429124		5	0	0	0.083	0.5	500	99%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	122.84622	4.9138488		5	0	0	0.235	0.5	500	98%	80	120	0%	
1,2-Dibromoethane	A	ug/L	132.04558	5.2818232		5	0	0	0.0916	0.5	500	106%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	138.45099	5.5380396		5	0	0	0.0746	0.5	500	111%	80	120	0%	
1,2-Dichloroethane	A	ug/L	131.70673	5.2682692		5	0	0	0.116	0.5	500	105%	80	120	0%	
1,2-Dichloropropane	A	ug/L	130.54679	5.2218716		5	0	0	0.0847	0.5	500	104%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	144.4568	5.778272		5	0	0	0.0803	0.5	500	116%	80	120	0%	
1,3-Dichloropropane	A	ug/L	128.67163	5.1468652		5	0	0	0.0791	0.5	500	103%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	134.30917	5.3723668		5	0	0	0.0858	0.5	500	107%	80	120	0%	
2,2-Dichloropropane	A	ug/L	124.44363	4.9777452		5	0	0	0.186	0.5	500	100%	80	120	0%	
2-Chlorotoluene	A	ug/L	140.74492	5.6297968		5	0	0	0.0876	0.5	500	113%	80	120	0%	
4-Chlorotoluene	A	ug/L	142.65249	5.7060996		5	0	0	0.0728	0.5	500	114%	80	120	0%	



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15087252	ICV030822_	VOC-8260-W-Q	ICV	IA5975C\VG03083/8/2022	8:46:07	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	133.77982	5.3511928		5	0	0	0.0914	0.5	500	107%	80	120	0%	
Bromobenzene	A	ug/L	135.8632	5.434528		5	0	0	0.0831	0.5	500	109%	80	120	0%	
Bromochloromethane	A	ug/L	130.96743	5.2386972		5	0	0	0.141	0.5	500	105%	80	120	0%	
Bromodichloromethane	A	ug/L	131.39074	5.2556296		5	0	0	0.12	0.5	500	105%	80	120	0%	
Bromoform	A	ug/L	134.27285	5.370914		5	0	0	0.119	0.5	500	107%	80	120	0%	
Bromomethane	A	ug/L	99.57081	3.9828324		5	0	0	0.253	0.5	500	80%	80	120	0%	
Carbon tetrachloride	A	ug/L	130.36299	5.2145196		5	0	0	0.143	0.5	500	104%	80	120	0%	
Chlorobenzene	A	ug/L	135.21384	5.4085536		5	0	0	0.0914	0.5	500	108%	80	120	0%	
Chlorodibromomethane	A	ug/L	129.73434	5.1893736		5	0	0	0.0841	0.5	500	104%	80	120	0%	
Chloroethane	A	ug/L	114.21148	4.5684592		5	0	0	0.169	0.5	500	91%	80	120	0%	
Chloroform	A	ug/L	123.27036	4.9308144		5	0	0	0.0789	0.5	500	99%	80	120	0%	
Chloromethane	A	ug/L	108.3954	4.335816		5	0	0	0.162	0.5	500	87%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	131.8699	5.274796		5	0	0	0.108	0.5	500	105%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	122.7045	4.90818		5	0	0	0.073	0.5	500	98%	80	120	0%	
Dibromomethane	A	ug/L	132.57457	5.3029828		5	0	0	0.147	0.5	500	106%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	104.79042	4.1916168		5	0	0	0.175	0.5	500	84%	80	120	0%	
Ethylbenzene	A	ug/L	134.9403	5.397612		5	0	0	0.0836	0.5	500	108%	80	120	0%	
m+p-Xylenes	A	ug/L	263.71759	10.5487036		10	0	0	0.15	0.5	1000	105%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1350.348	54.01392		50	0	0	1.77	10	5000	108%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	129.51067	5.1804268		5	0	0	0.101	0.5	500	104%	80	120	0%	
Methylene chloride	A	ug/L	109.83697	4.3934788		5	0	0	0.338	0.5	500	88%	80	120	0%	
o-Xylene	A	ug/L	134.8237	5.392948		5	0	0	0.0604	0.5	500	108%	80	120	0%	
Styrene	A	ug/L	136.63697	5.4654788		5	0	0	0.067	0.5	500	109%	80	120	0%	
Tetrachloroethene	A	ug/L	131.98368	5.2793472		5	0	0	0.0671	0.5	500	106%	80	120	0%	
Toluene	A	ug/L	140.27874	5.6111496		5	0	0	0.0679	0.5	500	112%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	132.25921	5.2903684		5	0	0	0.125	0.5	500	106%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	137.37223	5.4948892		5	0	0	0.0846	0.5	500	110%	80	120	0%	
Trichloroethene	A	ug/L	131.22183	5.2488732		5	0	0	0.0993	0.5	500	105%	80	120	0%	
Trichlorofluoromethane	A	ug/L	112.0526	4.482104		5	0	0	0.134	0.5	500	90%	80	120	0%	
Vinyl chloride	A	ug/L	119.12868	4.7651472		5	0	0	0.153	0.5	500	95%	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	398.54129	15.9416516		15	0	0	0.0604	0.5	1500	106%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	255.32934	10.2131736		10	0	0	0.229	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					
15087252	ICV030822_	VOC-8260-W-Q	ICV	\\A5975C\VG03083	8/2022 8:46:07	1	R376070		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	253.31014	10.1324056		10	0	0	0.129	0.5	500	101%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	261.83711	10.4734844		10	0	0	0.149	0.5	500	105%	80	120	0%	
Toluene-d8	S	ug/L	251.67237	10.0668948		10	0	0	0.23	0.5	500	101%	80	120	0%	

DATAFILE HEADERS FROM C:\MSDCHEM\1\DATA\VG030822

Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR01.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 9:36 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\VG030822\08MAR02.D  
Sample Name : BFB030822\_  
Operator : MSC  
Date injected : 8 Mar 2022 10:03 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\VG030822\08MAR03.D  
Sample Name : CCV030822\_  
Operator : MSC  
Date injected : 8 Mar 2022 10:57 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 3

---

Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR04.D  
Sample Name : CCV030822\_A  
Operator : MSC  
Date injected : 8 Mar 2022 11:34 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 4

---

Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR05.D

Sample Name : CCV030822\_B  
Operator : MSC  
Date injected : 8 Mar 2022 12:02 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\VG030822\08MAR06.D  
Sample Name : LCS030822\_  
Operator : MSC  
Date injected : 8 Mar 2022 12:29 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\VG030822\08MAR07.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 12:56 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\VG030822\08MAR08.D  
Sample Name : BFB030822\_  
Operator : MSC  
Date injected : 8 Mar 2022 1:24 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\VG030822\08MAR09.D  
Sample Name : MBLK030822\_  
Operator : MSC  
Date injected : 8 Mar 2022 1:59 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\VG030822\08MAR10.D  
Sample Name : ICAL030822\_1  
Operator : MSC  
Date injected : 8 Mar 2022 2:50 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\VG030822\08MAR11.D  
Sample Name : ICAL030822\_2  
Operator : MSC  
Date injected : 8 Mar 2022 3:17 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 11

---

Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR12.D  
Sample Name : ICAL030822\_3  
Operator : MSC  
Date injected : 8 Mar 2022 3:45 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\VG030822\08MAR13.D  
Sample Name : ICAL030822\_4  
Operator : MSC  
Date injected : 8 Mar 2022 4:12 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\VG030822\08MAR14.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 4:40 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\VG030822\08MAR15.D  
Sample Name : ICAL030822\_5  
Operator : MSC  
Date injected : 8 Mar 2022 5:07 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 15

---

Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR16.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 5:34 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\VG030822\08MAR17.D  
Sample Name : ICAL030822\_6  
Operator : MSC  
Date injected : 8 Mar 2022 6:02 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\VG030822\08MAR18.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 6:29 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\VG030822\08MAR19.D  
Sample Name : ICAL030822\_7  
Operator : MSC  
Date injected : 8 Mar 2022 6:56 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\VG030822\08MAR20.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 7:24 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\VG030822\08MAR21.D  
Sample Name : ICAL030822\_8  
Operator : MSC  
Date injected : 8 Mar 2022 7:51 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 21  
-----

Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR22.D

Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 8:18 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 22

---

Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR23.D  
Sample Name : ICV030822\_  
Operator : MSC  
Date injected : 8 Mar 2022 8:46 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 23

---

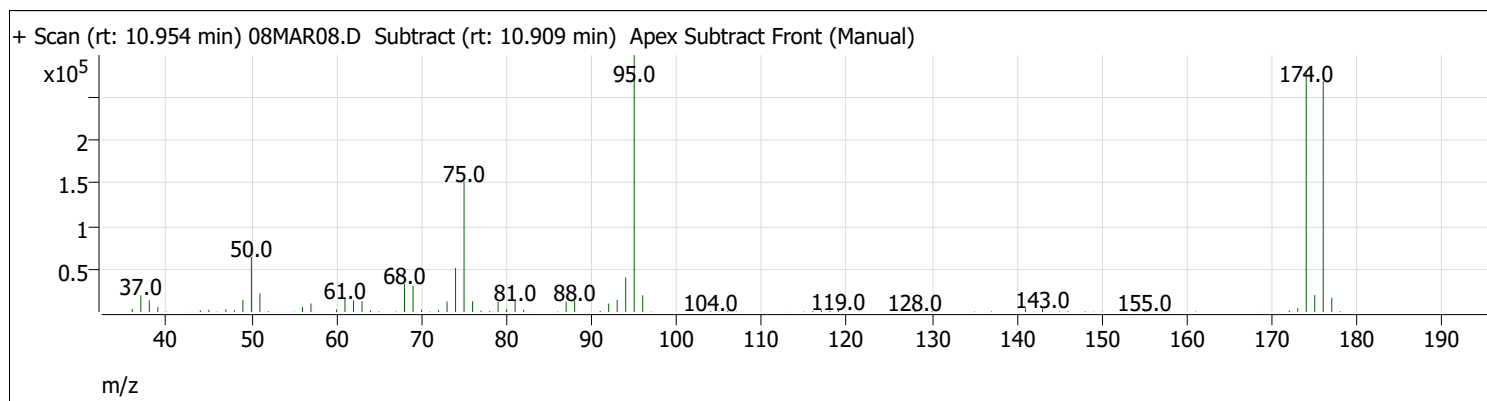
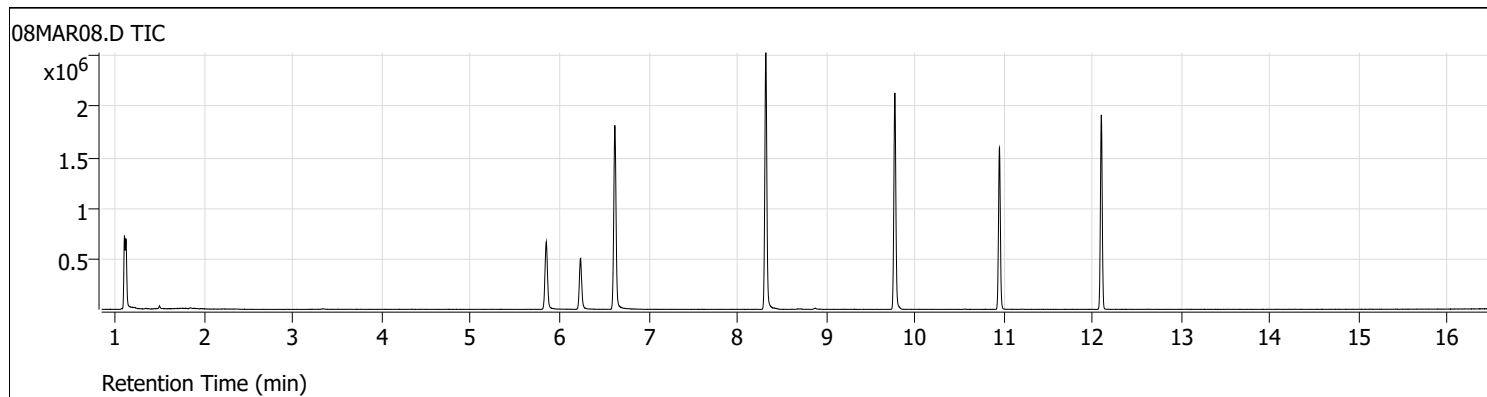
Data file Name : C:\MSDCHEM\1\DATA\VG030822\08MAR24.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 8 Mar 2022 9:13 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 24

---



# Tune Evaluation Report

Data Path: D:\Org\Data\VOA5975C\VG030822\08MAR08.D  
 Acq on: 3/8/2022 1:24:02 PM  
 Operator: MSC  
 Sample: BFB030822\_  
 Inst Name: VOA5975C  
 ALS Vial: 8  
 Method: \\MASSHUNTER\Org\Data\Methods\BFBapex.m



Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	21.4	64312	Pass
75	95	30	60	50.8	152320	Pass
95	95	100	100	100.0	299840	Pass
96	95	5	9	6.5	19608	Pass
173	174	0	2	1.6	4602	Pass
174	95	50	100	93.9	281472	Pass
175	174	5	9	7.0	19840	Pass
176	174	95	101	95.7	269312	Pass
177	176	5	9	6.2	16672	Pass

# Quantitative Analysis Results Summary Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:04 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

## Sequence Table

Data File	sample Name	Sample Type	Vial Position	Inj Vol	Level	Acq Method File
08MAR09.D	MBLK030822_	Method Blank	9	0		5975CACQF.M
08MAR10.D	ICAL030822_1	Cal	10	0	1	5975CACQF.M
08MAR11.D	ICAL030822_2	Cal	11	0	2	5975CACQF.M
08MAR12.D	ICAL030822_3	Cal	12	0	3	5975CACQF.M
08MAR13.D	ICAL030822_4	Cal	13	0	4	5975CACQF.M
08MAR15.D	ICAL030822_5	Cal	15	0	5	5975CACQF.M
08MAR17.D	ICAL030822_6	Cal	17	0	6	5975CACQF.M
08MAR19.D	ICAL030822_7	Cal	19	0	7	5975CACQF.M
08MAR21.D	ICAL030822_8	Cal	21	0	8	5975CACQF.M
08MAR23.D	ICV030822_	QC	23	0	QC	5975CACQF.M

## Quantitation Results

### Compound: Dichlorodifluoromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	1.244	3820	986828	0.0039	2.6806	2.5000	107.2
08MAR11.D	Calibration	Fluorobenzene	1.244	17687	969235	0.0182	12.6368	12.5000	101.1
08MAR12.D	Calibration	Fluorobenzene	1.241	35836	1002144	0.0358	24.7629	25.0000	99.1
08MAR13.D	Calibration	Fluorobenzene	1.241	73238	1022931	0.0716	49.5796	50.0000	99.2
08MAR15.D	Calibration	Fluorobenzene	1.244	188867	1065798	0.1772	122.7139	125.0000	98.2
08MAR17.D	Calibration	Fluorobenzene	1.241	398107	1077664	0.3694	255.8168	250.0000	102.3
08MAR19.D	Calibration	Fluorobenzene	1.241	585183	1060076	0.5520	382.2674	375.0000	101.9
08MAR21.D	Calibration	Fluorobenzene	1.241	770649	1086245	0.7095	491.2940	500.0000	98.3
08MAR23.D	QC	Fluorobenzene	1.244	158910	1050128	0.1513	104.7904	125.0000	

### Compound: Chloromethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene	1.425	520	852488	0.0006	0.3642		
08MAR10.D	Calibration	Fluorobenzene	1.414	4585	986828	0.0046	2.7757	2.5000	111.0
08MAR11.D	Calibration	Fluorobenzene	1.414	22538	969235	0.0233	13.8918	12.5000	111.1
08MAR12.D	Calibration	Fluorobenzene	1.403	40847	1002144	0.0408	24.3501	25.0000	97.4
08MAR13.D	Calibration	Fluorobenzene	1.406	84351	1022931	0.0825	49.2624	50.0000	98.5
08MAR15.D	Calibration	Fluorobenzene	1.408	215141	1065798	0.2019	120.5924	125.0000	96.5
08MAR17.D	Calibration	Fluorobenzene	1.406	444235	1077664	0.4122	246.2640	250.0000	98.5
08MAR19.D	Calibration	Fluorobenzene	1.411	666016	1060076	0.6283	375.3351	375.0000	100.1
08MAR21.D	Calibration	Fluorobenzene	1.406	889781	1086245	0.8191	489.3582	500.0000	97.9

# Quantitative Analysis Results Summary Report

**Compound: Chloromethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR23.D	QC	Fluorobenzene	1.406	190538	1050128	0.1814	108.3954	125.0000	

**Compound: Vinyl chloride**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	1.500	3938	986828	0.0040	2.6391	2.5000	105.6
08MAR11.D	Calibration	Fluorobenzene	1.498	18863	969235	0.0195	12.8706	12.5000	103.0
08MAR12.D	Calibration	Fluorobenzene	1.495	38346	1002144	0.0383	25.3051	25.0000	101.2
08MAR13.D	Calibration	Fluorobenzene	1.495	73808	1022931	0.0722	47.7172	50.0000	95.4
08MAR15.D	Calibration	Fluorobenzene	1.495	193911	1065798	0.1819	120.3221	125.0000	96.3
08MAR17.D	Calibration	Fluorobenzene	1.495	415168	1077664	0.3852	254.7759	250.0000	101.9
08MAR19.D	Calibration	Fluorobenzene	1.498	612829	1060076	0.5781	382.3139	375.0000	102.0
08MAR21.D	Calibration	Fluorobenzene	1.498	823410	1086245	0.7580	501.3097	500.0000	100.3
08MAR23.D	QC	Fluorobenzene	1.498	189165	1050128	0.1801	119.1287	125.0000	

**Compound: Bromomethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	1.796	2110	986828	0.0021	3.1820	2.5000	127.3
08MAR11.D	Calibration	Fluorobenzene	1.804	8307	969235	0.0086	12.7550	12.5000	102.0
08MAR12.D	Calibration	Fluorobenzene	1.796	15482	1002144	0.0154	22.9913	25.0000	92.0
08MAR13.D	Calibration	Fluorobenzene	1.796	32963	1022931	0.0322	47.9564	50.0000	95.9
08MAR15.D	Calibration	Fluorobenzene	1.802	85279	1065798	0.0800	119.0785	125.0000	95.3
08MAR17.D	Calibration	Fluorobenzene	1.796	188489	1077664	0.1749	260.2968	250.0000	104.1
08MAR19.D	Calibration	Fluorobenzene	1.796	284824	1060076	0.2687	399.8579	375.0000	106.6
08MAR21.D	Calibration	Fluorobenzene	1.796	379808	1086245	0.3497	520.3583	500.0000	104.1
08MAR23.D	QC	Fluorobenzene	1.796	70260	1050128	0.0669	99.5708	125.0000	

**Compound: Chloroethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	1.896	2604	986828	0.0026	3.2994	2.5000	132.0
08MAR11.D	Calibration	Fluorobenzene	1.899	10373	969235	0.0107	13.3821	12.5000	107.1
08MAR12.D	Calibration	Fluorobenzene	1.896	19447	1002144	0.0194	24.2644	25.0000	97.1
08MAR13.D	Calibration	Fluorobenzene	1.894	41319	1022931	0.0404	50.5069	50.0000	101.0
08MAR15.D	Calibration	Fluorobenzene	1.896	103835	1065798	0.0974	121.8193	125.0000	97.5
08MAR17.D	Calibration	Fluorobenzene	1.897	222428	1077664	0.2064	258.0795	250.0000	103.2
08MAR19.D	Calibration	Fluorobenzene	1.894	319722	1060076	0.3016	377.1229	375.0000	100.6
08MAR21.D	Calibration	Fluorobenzene	1.897	406643	1086245	0.3744	468.0938	500.0000	93.6
08MAR23.D	QC	Fluorobenzene	1.899	95919	1050128	0.0913	114.2115	125.0000	

# Quantitative Analysis Results Summary Report

**Compound: Trichlorofluoromethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	2.147	4706	986828	0.0048	2.4998	2.5000	100.0
08MAR11.D	Calibration	Fluorobenzene	2.145	25855	969235	0.0267	13.9834	12.5000	111.9
08MAR12.D	Calibration	Fluorobenzene	2.142	48562	1002144	0.0485	25.4017	25.0000	101.6
08MAR13.D	Calibration	Fluorobenzene	2.145	96299	1022931	0.0941	49.3482	50.0000	98.7
08MAR15.D	Calibration	Fluorobenzene	2.145	239502	1065798	0.2247	117.7960	125.0000	94.2
08MAR17.D	Calibration	Fluorobenzene	2.145	489590	1077664	0.4543	238.1471	250.0000	95.3
08MAR19.D	Calibration	Fluorobenzene	2.145	734562	1060076	0.6929	363.2350	375.0000	96.9
08MAR21.D	Calibration	Fluorobenzene	2.145	1051347	1086245	0.9679	507.3579	500.0000	101.5
08MAR23.D	QC	Fluorobenzene	2.145	224475	1050128	0.2138	112.0526	125.0000	

**Compound: 1,1-Dichloroethene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	2.699	2964	986828	0.0030	2.9604	2.5000	118.4
08MAR11.D	Calibration	Fluorobenzene	2.702	12488	969235	0.0129	12.6990	12.5000	101.6
08MAR12.D	Calibration	Fluorobenzene	2.697	27578	1002144	0.0275	27.1231	25.0000	108.5
08MAR13.D	Calibration	Fluorobenzene	2.700	46171	1022931	0.0451	44.4867	50.0000	89.0
08MAR15.D	Calibration	Fluorobenzene	2.700	131215	1065798	0.1231	121.3432	125.0000	97.1
08MAR17.D	Calibration	Fluorobenzene	2.700	248711	1077664	0.2308	227.4671	250.0000	91.0
08MAR19.D	Calibration	Fluorobenzene	2.702	435227	1060076	0.4106	404.6558	375.0000	107.9
08MAR21.D	Calibration	Fluorobenzene	2.703	578450	1086245	0.5325	524.8618	500.0000	105.0
08MAR23.D	QC	Fluorobenzene	2.700	121770	1050128	0.1160	114.2891	125.0000	

**Compound: Methylene chloride**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene	3.327	2243	852488	0.0026	1.7078		
08MAR10.D	Calibration	Fluorobenzene	3.330	7300	986828	0.0074	4.8015	2.5000	192.1
08MAR11.D	Calibration	Fluorobenzene	3.333	22128	969235	0.0228	14.8187	12.5000	118.5
08MAR12.D	Calibration	Fluorobenzene	3.333	40397	1002144	0.0403	26.1648	25.0000	104.7
08MAR13.D	Calibration	Fluorobenzene	3.330	79875	1022931	0.0781	50.6831	50.0000	101.4
08MAR15.D	Calibration	Fluorobenzene	3.333	193291	1065798	0.1814	117.7159	125.0000	94.2
08MAR17.D	Calibration	Fluorobenzene	3.333	393031	1077664	0.3647	236.7238	250.0000	94.7
08MAR19.D	Calibration	Fluorobenzene	3.333	576459	1060076	0.5438	352.9636	375.0000	94.1
08MAR21.D	Calibration	Fluorobenzene	3.330	773488	1086245	0.7121	462.1939	500.0000	92.4
08MAR23.D	QC	Fluorobenzene	3.330	177702	1050128	0.1692	109.8370	125.0000	

**Compound: trans-1,2-Dichloroethene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	3.723	3159	986828	0.0032	3.0307	2.5000	121.2
08MAR11.D	Calibration	Fluorobenzene	3.720	13639	969235	0.0141	13.3225	12.5000	106.6

# Quantitative Analysis Results Summary Report

**Compound: trans-1,2-Dichloroethene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR12.D	Calibration	Fluorobenzene	3.720	26428	1002144	0.0264	24.9670	25.0000	99.9
08MAR13.D	Calibration	Fluorobenzene	3.715	50206	1022931	0.0491	46.4667	50.0000	92.9
08MAR15.D	Calibration	Fluorobenzene	3.717	139017	1065798	0.1304	123.4881	125.0000	98.8
08MAR17.D	Calibration	Fluorobenzene	3.718	284309	1077664	0.2638	249.7695	250.0000	99.9
08MAR19.D	Calibration	Fluorobenzene	3.717	426895	1060076	0.4027	381.2556	375.0000	101.7
08MAR21.D	Calibration	Fluorobenzene	3.715	575122	1086245	0.5295	501.2615	500.0000	100.3
08MAR23.D	QC	Fluorobenzene	3.717	146702	1050128	0.1397	132.2592	125.0000	

**Compound: Methyl tert-butyl ether (MTBE)**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	3.742	3577	986828	0.0036	2.7540	2.5000	110.2
08MAR11.D	Calibration	Fluorobenzene	3.745	15996	969235	0.0165	12.5406	12.5000	100.3
08MAR12.D	Calibration	Fluorobenzene	3.751	32048	1002144	0.0320	24.3000	25.0000	97.2
08MAR13.D	Calibration	Fluorobenzene	3.751	62796	1022931	0.0614	46.6468	50.0000	93.3
08MAR15.D	Calibration	Fluorobenzene	3.751	163173	1065798	0.1531	116.3347	125.0000	93.1
08MAR17.D	Calibration	Fluorobenzene	3.751	373038	1077664	0.3462	263.0303	250.0000	105.2
08MAR19.D	Calibration	Fluorobenzene	3.754	553728	1060076	0.5223	396.9132	375.0000	105.8
08MAR21.D	Calibration	Fluorobenzene	3.751	750916	1086245	0.6913	525.2906	500.0000	105.1
08MAR23.D	QC	Fluorobenzene	3.751	178983	1050128	0.1704	129.5107	125.0000	

**Compound: 1,1-Dichloroethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	4.373	5296	986828	0.0054	2.6525	2.5000	106.1
08MAR11.D	Calibration	Fluorobenzene	4.375	25506	969235	0.0263	13.0074	12.5000	104.1
08MAR12.D	Calibration	Fluorobenzene	4.378	50913	1002144	0.0508	25.1118	25.0000	100.4
08MAR13.D	Calibration	Fluorobenzene	4.381	98030	1022931	0.0958	47.3687	50.0000	94.7
08MAR15.D	Calibration	Fluorobenzene	4.375	268638	1065798	0.2521	124.5866	125.0000	99.7
08MAR17.D	Calibration	Fluorobenzene	4.378	550272	1077664	0.5106	252.3904	250.0000	101.0
08MAR19.D	Calibration	Fluorobenzene	4.378	814870	1060076	0.7687	379.9532	375.0000	101.3
08MAR21.D	Calibration	Fluorobenzene	4.376	1085722	1086245	0.9995	494.0485	500.0000	98.8
08MAR23.D	QC	Fluorobenzene	4.378	282745	1050128	0.2692	133.0857	125.0000	

**Compound: 2,2-Dichloropropane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	5.198	4314	986828	0.0044	2.8038	2.5000	112.2
08MAR11.D	Calibration	Fluorobenzene	5.190	19266	969235	0.0199	12.7484	12.5000	102.0
08MAR12.D	Calibration	Fluorobenzene	5.190	40640	1002144	0.0406	26.0085	25.0000	104.0
08MAR13.D	Calibration	Fluorobenzene	5.190	78015	1022931	0.0763	48.9129	50.0000	97.8
08MAR15.D	Calibration	Fluorobenzene	5.190	207283	1065798	0.1945	124.7328	125.0000	99.8

# Quantitative Analysis Results Summary Report

**Compound: 2,2-Dichloropropane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR17.D	Calibration	Fluorobenzene	5.190	418825	1077664	0.3886	249.2533	250.0000	99.7
08MAR19.D	Calibration	Fluorobenzene	5.195	626299	1060076	0.5908	378.9103	375.0000	101.0
08MAR21.D	Calibration	Fluorobenzene	5.190	809783	1086245	0.7455	478.1152	500.0000	95.6
08MAR23.D	QC	Fluorobenzene	5.190	203762	1050128	0.1940	124.4436	125.0000	

**Compound: cis-1,2-Dichloroethene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	5.212	3139	986828	0.0032	2.9775	2.5000	119.1
08MAR11.D	Calibration	Fluorobenzene	5.215	13439	969235	0.0139	12.9808	12.5000	103.8
08MAR12.D	Calibration	Fluorobenzene	5.215	25254	1002144	0.0252	23.5920	25.0000	94.4
08MAR13.D	Calibration	Fluorobenzene	5.212	50928	1022931	0.0498	46.6095	50.0000	93.2
08MAR15.D	Calibration	Fluorobenzene	5.215	139481	1065798	0.1309	122.5192	125.0000	98.0
08MAR17.D	Calibration	Fluorobenzene	5.215	294673	1077664	0.2734	255.9888	250.0000	102.4
08MAR19.D	Calibration	Fluorobenzene	5.215	445478	1060076	0.4202	393.4171	375.0000	104.9
08MAR21.D	Calibration	Fluorobenzene	5.210	598965	1086245	0.5514	516.2233	500.0000	103.2
08MAR23.D	QC	Fluorobenzene	5.212	147919	1050128	0.1409	131.8699	125.0000	

**Compound: Methyl ethyl ketone**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	5.293	3118	986828	0.0032	22.5027	25.0000	90.0
08MAR11.D	Calibration	Fluorobenzene	5.287	16035	969235	0.0165	117.8379	125.0000	94.3
08MAR12.D	Calibration	Fluorobenzene	5.290	32020	1002144	0.0320	227.5811	250.0000	91.0
08MAR13.D	Calibration	Fluorobenzene	5.282	66425	1022931	0.0649	462.5197	500.0000	92.5
08MAR15.D	Calibration	Fluorobenzene	5.282	176782	1065798	0.1659	1181.4305	1250.0000	94.5
08MAR17.D	Calibration	Fluorobenzene	5.282	406488	1077664	0.3772	2686.6395	2500.0000	107.5
08MAR19.D	Calibration	Fluorobenzene	5.282	626778	1060076	0.5913	4211.3543	3750.0000	112.3
08MAR21.D	Calibration	Fluorobenzene	5.279	822842	1086245	0.7575	5395.5249	5000.0000	107.9
08MAR23.D	QC	Fluorobenzene	5.279	199087	1050128	0.1896	1350.3480	1250.0000	

**Compound: Bromochloromethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	5.522	1164	986828	0.0012	2.7695	2.5000	110.8
08MAR11.D	Calibration	Fluorobenzene	5.519	4870	969235	0.0050	11.7984	12.5000	94.4
08MAR12.D	Calibration	Fluorobenzene	5.516	10656	1002144	0.0106	24.9682	25.0000	99.9
08MAR13.D	Calibration	Fluorobenzene	5.513	21002	1022931	0.0205	48.2100	50.0000	96.4
08MAR15.D	Calibration	Fluorobenzene	5.516	57901	1065798	0.0543	127.5657	125.0000	102.1
08MAR17.D	Calibration	Fluorobenzene	5.516	118156	1077664	0.1096	257.4514	250.0000	103.0
08MAR19.D	Calibration	Fluorobenzene	5.513	175684	1060076	0.1657	389.1510	375.0000	103.8
08MAR21.D	Calibration	Fluorobenzene	5.513	232487	1086245	0.2140	502.5668	500.0000	100.5

# Quantitative Analysis Results Summary Report

**Compound: Bromochloromethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR23.D	QC	Fluorobenzene	5.516	58571	1050128	0.0558	130.9674	125.0000	

**Compound: Chloroform**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene	5.653	1215	852488	0.0014	0.7191		
08MAR10.D	Calibration	Fluorobenzene	5.650	5303	986828	0.0054	2.7106	2.5000	108.4
08MAR11.D	Calibration	Fluorobenzene	5.653	25738	969235	0.0266	13.3947	12.5000	107.2
08MAR12.D	Calibration	Fluorobenzene	5.655	49831	1002144	0.0497	25.0817	25.0000	100.3
08MAR13.D	Calibration	Fluorobenzene	5.650	95698	1022931	0.0936	47.1893	50.0000	94.4
08MAR15.D	Calibration	Fluorobenzene	5.650	255850	1065798	0.2401	121.0869	125.0000	96.9
08MAR17.D	Calibration	Fluorobenzene	5.653	527346	1077664	0.4893	246.8306	250.0000	98.7
08MAR19.D	Calibration	Fluorobenzene	5.650	772072	1060076	0.7283	367.3732	375.0000	98.0
08MAR21.D	Calibration	Fluorobenzene	5.650	1035233	1086245	0.9530	480.7253	500.0000	96.1
08MAR23.D	QC	Fluorobenzene	5.653	256634	1050128	0.2444	123.2704	125.0000	

**Compound: 1,1,1-Trichloroethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	5.831	4273	986828	0.0043	2.2526	2.5000	90.1
08MAR11.D	Calibration	Fluorobenzene	5.828	24866	969235	0.0257	13.3465	12.5000	106.8
08MAR12.D	Calibration	Fluorobenzene	5.826	47799	1002144	0.0477	24.8130	25.0000	99.3
08MAR13.D	Calibration	Fluorobenzene	5.831	92678	1022931	0.0906	47.1326	50.0000	94.3
08MAR15.D	Calibration	Fluorobenzene	5.831	253365	1065798	0.2377	123.6696	125.0000	98.9
08MAR17.D	Calibration	Fluorobenzene	5.831	516713	1077664	0.4795	249.4348	250.0000	99.8
08MAR19.D	Calibration	Fluorobenzene	5.831	781251	1060076	0.7370	383.3934	375.0000	102.2
08MAR21.D	Calibration	Fluorobenzene	5.831	1031098	1086245	0.9492	493.8138	500.0000	98.8
08MAR23.D	QC	Fluorobenzene	5.831	261205	1050128	0.2487	129.3988	125.0000	

**Compound: Dibromofluoromethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene	5.848	230887	852488	0.2708	266.5523		
08MAR10.D	Calibration	Fluorobenzene	5.842	2835	986828	0.0029	2.8278	2.5000	113.1
08MAR11.D	Calibration	Fluorobenzene	5.851	13132	969235	0.0135	13.3344	12.5000	106.7
08MAR12.D	Calibration	Fluorobenzene	5.851	25604	1002144	0.0255	25.1448	25.0000	100.6
08MAR13.D	Calibration	Fluorobenzene	5.845	49060	1022931	0.0480	47.2011	50.0000	94.4
08MAR15.D	Calibration	Fluorobenzene	5.842	134124	1065798	0.1258	123.8520	125.0000	99.1
08MAR17.D	Calibration	Fluorobenzene	5.845	274056	1077664	0.2543	250.2806	250.0000	100.1
08MAR19.D	Calibration	Fluorobenzene	5.845	410004	1060076	0.3868	380.6469	375.0000	101.5
08MAR21.D	Calibration	Fluorobenzene	5.845	538853	1086245	0.4961	488.2180	500.0000	97.6
08MAR23.D	QC	Fluorobenzene	5.845	270286	1050128	0.2574	253.3101	250.0000	

# Quantitative Analysis Results Summary Report

**Compound: Carbon tetrachloride**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	6.024	3813	986828	0.0039	2.0363	2.5000	81.5
08MAR11.D	Calibration	Fluorobenzene	6.021	24515	969235	0.0253	13.3294	12.5000	106.6
08MAR12.D	Calibration	Fluorobenzene	6.024	47724	1002144	0.0476	25.0966	25.0000	100.4
08MAR13.D	Calibration	Fluorobenzene	6.024	89705	1022931	0.0877	46.2145	50.0000	92.4
08MAR15.D	Calibration	Fluorobenzene	6.026	255969	1065798	0.2402	126.5669	125.0000	101.3
08MAR17.D	Calibration	Fluorobenzene	6.027	508917	1077664	0.4722	248.8692	250.0000	99.5
08MAR19.D	Calibration	Fluorobenzene	6.026	764333	1060076	0.7210	379.9734	375.0000	101.3
08MAR21.D	Calibration	Fluorobenzene	6.029	1014340	1086245	0.9338	492.1113	500.0000	98.4
08MAR23.D	QC	Fluorobenzene	6.026	259770	1050128	0.2474	130.3630	125.0000	

**Compound: 1,1-Dichloropropene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	6.043	3158	986828	0.0032	2.0517	2.5000	82.1
08MAR11.D	Calibration	Fluorobenzene	6.032	18589	969235	0.0192	12.2961	12.5000	98.4
08MAR12.D	Calibration	Fluorobenzene	6.040	36238	1002144	0.0362	23.1833	25.0000	92.7
08MAR13.D	Calibration	Fluorobenzene	6.038	70675	1022931	0.0691	44.2957	50.0000	88.6
08MAR15.D	Calibration	Fluorobenzene	6.040	207371	1065798	0.1946	124.7426	125.0000	99.8
08MAR17.D	Calibration	Fluorobenzene	6.041	446584	1077664	0.4144	265.6817	250.0000	106.3
08MAR19.D	Calibration	Fluorobenzene	6.040	670247	1060076	0.6323	405.3589	375.0000	108.1
08MAR21.D	Calibration	Fluorobenzene	6.041	899188	1086245	0.8278	530.7188	500.0000	106.1
08MAR23.D	QC	Fluorobenzene	6.038	202406	1050128	0.1927	123.5728	125.0000	

**Compound: 1,2-Dichloroethane-d4**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene	6.233	102725	852488	0.1205	265.6860		
08MAR10.D	Calibration	Fluorobenzene	6.241	1192	986828	0.0012	2.6640	2.5000	106.6
08MAR11.D	Calibration	Fluorobenzene	6.238	5526	969235	0.0057	12.5704	12.5000	100.6
08MAR12.D	Calibration	Fluorobenzene	6.233	12174	1002144	0.0121	26.7845	25.0000	107.1
08MAR13.D	Calibration	Fluorobenzene	6.236	21526	1022931	0.0210	46.3978	50.0000	92.8
08MAR15.D	Calibration	Fluorobenzene	6.236	60613	1065798	0.0569	125.3925	125.0000	100.3
08MAR17.D	Calibration	Fluorobenzene	6.236	122656	1077664	0.1138	250.9494	250.0000	100.4
08MAR19.D	Calibration	Fluorobenzene	6.233	182831	1060076	0.1725	380.2714	375.0000	101.4
08MAR21.D	Calibration	Fluorobenzene	6.233	239934	1086245	0.2209	487.0178	500.0000	97.4
08MAR23.D	QC	Fluorobenzene	6.230	121608	1050128	0.1158	255.3293	250.0000	

**Compound: Benzene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene	6.263	264	852488	0.0003	0.0762		
08MAR10.D	Calibration	Fluorobenzene	6.283	10018	986828	0.0102	2.4965	2.5000	99.9
08MAR11.D	Calibration	Fluorobenzene	6.277	49508	969235	0.0511	12.5616	12.5000	100.5



# Quantitative Analysis Results Summary Report

**Compound: Benzene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR12.D	Calibration	Fluorobenzene	6.280	97035	1002144	0.0968	23.8121	25.0000	95.2
08MAR13.D	Calibration	Fluorobenzene	6.277	191010	1022931	0.1867	45.9208	50.0000	91.8
08MAR15.D	Calibration	Fluorobenzene	6.280	551144	1065798	0.5171	127.1716	125.0000	101.7
08MAR17.D	Calibration	Fluorobenzene	6.280	1135476	1077664	1.0536	259.1161	250.0000	103.6
08MAR19.D	Calibration	Fluorobenzene	6.280	1691047	1060076	1.5952	392.3002	375.0000	104.6
08MAR21.D	Calibration	Fluorobenzene	6.280	2264996	1086245	2.0852	512.7899	500.0000	102.6
08MAR23.D	QC	Fluorobenzene	6.277	571259	1050128	0.5440	133.7798	125.0000	

**Compound: 1,2-Dichloroethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Fluorobenzene			852488		ND		
08MAR10.D	Calibration	Fluorobenzene	6.319	2717	986828	0.0028	2.5056	2.5000	100.2
08MAR11.D	Calibration	Fluorobenzene	6.322	13605	969235	0.0140	12.7744	12.5000	102.2
08MAR12.D	Calibration	Fluorobenzene	6.325	27273	1002144	0.0272	24.7669	25.0000	99.1
08MAR13.D	Calibration	Fluorobenzene	6.322	54297	1022931	0.0531	48.3058	50.0000	96.6
08MAR15.D	Calibration	Fluorobenzene	6.325	138818	1065798	0.1302	118.5333	125.0000	94.8
08MAR17.D	Calibration	Fluorobenzene	6.328	305063	1077664	0.2831	257.6177	250.0000	103.0
08MAR19.D	Calibration	Fluorobenzene	6.325	454047	1060076	0.4283	389.7923	375.0000	103.9
08MAR21.D	Calibration	Fluorobenzene	6.322	598635	1086245	0.5511	501.5379	500.0000	100.3
08MAR23.D	QC	Fluorobenzene	6.322	151978	1050128	0.1447	131.7067	125.0000	

**Compound: Trichloroethene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	7.027	3071	385570	0.0080	2.5458	2.5000	101.8
08MAR11.D	Calibration	Chlorobenzene-d5	7.027	15373	384678	0.0400	12.7735	12.5000	102.2
08MAR12.D	Calibration	Chlorobenzene-d5	7.028	30250	391286	0.0773	24.7103	25.0000	98.8
08MAR13.D	Calibration	Chlorobenzene-d5	7.025	55125	391196	0.1409	45.0403	50.0000	90.1
08MAR15.D	Calibration	Chlorobenzene-d5	7.030	162270	404630	0.4010	128.1821	125.0000	102.5
08MAR17.D	Calibration	Chlorobenzene-d5	7.028	326604	414772	0.7874	251.6861	250.0000	100.7
08MAR19.D	Calibration	Chlorobenzene-d5	7.028	492747	404769	1.2174	389.1024	375.0000	103.8
08MAR21.D	Calibration	Chlorobenzene-d5	7.028	665015	417151	1.5942	509.5483	500.0000	101.9
08MAR23.D	QC	Chlorobenzene-d5	7.027	165935	404184	0.4105	131.2218	125.0000	

**Compound: 1,2-Dichloropropane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	7.276	2542	385570	0.0066	2.4186	2.5000	96.7
08MAR11.D	Calibration	Chlorobenzene-d5	7.270	13469	384678	0.0350	12.8451	12.5000	102.8
08MAR12.D	Calibration	Chlorobenzene-d5	7.267	25397	391286	0.0649	23.8115	25.0000	95.2
08MAR13.D	Calibration	Chlorobenzene-d5	7.270	51440	391196	0.1315	48.2398	50.0000	96.5
08MAR15.D	Calibration	Chlorobenzene-d5	7.276	137506	404630	0.3398	124.6701	125.0000	99.7

# Quantitative Analysis Results Summary Report

**Compound: 1,2-Dichloropropane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR17.D	Calibration	Chlorobenzene-d5	7.270	282187	414772	0.6803	249.5896	250.0000	99.8
08MAR19.D	Calibration	Chlorobenzene-d5	7.273	430689	404769	1.0640	390.3511	375.0000	104.1
08MAR21.D	Calibration	Chlorobenzene-d5	7.273	579052	417151	1.3881	509.2407	500.0000	101.8
08MAR23.D	QC	Chlorobenzene-d5	7.270	143829	404184	0.3559	130.5468	125.0000	

**Compound: Dibromomethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	7.390	1116	385570	0.0029	2.5078	2.5000	100.3
08MAR11.D	Calibration	Chlorobenzene-d5	7.393	5485	384678	0.0143	12.3548	12.5000	98.8
08MAR12.D	Calibration	Chlorobenzene-d5	7.401	11685	391286	0.0299	25.8756	25.0000	103.5
08MAR13.D	Calibration	Chlorobenzene-d5	7.398	22813	391196	0.0583	50.5294	50.0000	101.1
08MAR15.D	Calibration	Chlorobenzene-d5	7.398	56497	404630	0.1396	120.9827	125.0000	96.8
08MAR17.D	Calibration	Chlorobenzene-d5	7.396	117630	414772	0.2836	245.7336	250.0000	98.3
08MAR19.D	Calibration	Chlorobenzene-d5	7.396	180964	404769	0.4471	387.3832	375.0000	103.3
08MAR21.D	Calibration	Chlorobenzene-d5	7.396	236430	417151	0.5668	491.0946	500.0000	98.2
08MAR23.D	QC	Chlorobenzene-d5	7.396	61842	404184	0.1530	132.5746	125.0000	

**Compound: Bromodichloromethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	7.588	3316	385570	0.0086	2.6683	2.5000	106.7
08MAR11.D	Calibration	Chlorobenzene-d5	7.582	15143	384678	0.0394	12.2134	12.5000	97.7
08MAR12.D	Calibration	Chlorobenzene-d5	7.580	32039	391286	0.0819	25.4042	25.0000	101.6
08MAR13.D	Calibration	Chlorobenzene-d5	7.588	61123	391196	0.1562	48.4765	50.0000	97.0
08MAR15.D	Calibration	Chlorobenzene-d5	7.585	164080	404630	0.4055	125.8111	125.0000	100.6
08MAR17.D	Calibration	Chlorobenzene-d5	7.585	340614	414772	0.8212	254.7853	250.0000	101.9
08MAR19.D	Calibration	Chlorobenzene-d5	7.585	501446	404769	1.2388	384.3600	375.0000	102.5
08MAR21.D	Calibration	Chlorobenzene-d5	7.585	663286	417151	1.5900	493.3201	500.0000	98.7
08MAR23.D	QC	Chlorobenzene-d5	7.585	171168	404184	0.4235	131.3907	125.0000	

**Compound: cis-1,3-Dichloropropene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	8.059	2995	385570	0.0078	2.2121	2.5000	88.5
08MAR11.D	Calibration	Chlorobenzene-d5	8.059	16284	384678	0.0423	12.0553	12.5000	96.4
08MAR12.D	Calibration	Chlorobenzene-d5	8.057	32287	391286	0.0825	23.4989	25.0000	94.0
08MAR13.D	Calibration	Chlorobenzene-d5	8.059	64001	391196	0.1636	46.5914	50.0000	93.2
08MAR15.D	Calibration	Chlorobenzene-d5	8.056	173700	404630	0.4293	122.2518	125.0000	97.8
08MAR17.D	Calibration	Chlorobenzene-d5	8.057	377081	414772	0.9091	258.9040	250.0000	103.6
08MAR19.D	Calibration	Chlorobenzene-d5	8.059	576241	404769	1.4236	405.4250	375.0000	108.1
08MAR21.D	Calibration	Chlorobenzene-d5	8.057	782960	417151	1.8769	534.5150	500.0000	106.9

# Quantitative Analysis Results Summary Report

**Compound: cis-1,3-Dichloropropene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR23.D	QC	Chlorobenzene-d5	8.062	174151	404184	0.4309	122.7045	125.0000	

**Compound: Toluene-d8**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5	8.319	866382	337756	2.5651	240.5906		
08MAR10.D	Calibration	Chlorobenzene-d5	8.327	9666	385570	0.0251	5.7499	2.5000	230.0
08MAR11.D	Calibration	Chlorobenzene-d5	8.321	42126	384678	0.1095	13.5022	12.5000	108.0
08MAR12.D	Calibration	Chlorobenzene-d5	8.319	89442	391286	0.2286	24.4405	25.0000	97.8
08MAR13.D	Calibration	Chlorobenzene-d5	8.321	182860	391196	0.4674	46.4042	50.0000	92.8
08MAR15.D	Calibration	Chlorobenzene-d5	8.321	533281	404630	1.3179	124.8555	125.0000	99.9
08MAR17.D	Calibration	Chlorobenzene-d5	8.322	1111325	414772	2.6794	251.2349	250.0000	100.5
08MAR19.D	Calibration	Chlorobenzene-d5	8.321	1660218	404769	4.1016	384.3410	375.0000	102.5
08MAR21.D	Calibration	Chlorobenzene-d5	8.322	2190448	417151	5.2510	492.7250	500.0000	98.5
08MAR23.D	QC	Chlorobenzene-d5	8.321	1084853	404184	2.6841	251.6724	250.0000	

**Compound: Toluene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	8.383	5129	385570	0.0133	2.0162	2.5000	80.6
08MAR11.D	Calibration	Chlorobenzene-d5	8.383	28488	384678	0.0741	11.2243	12.5000	89.8
08MAR12.D	Calibration	Chlorobenzene-d5	8.388	59228	391286	0.1514	22.9417	25.0000	91.8
08MAR13.D	Calibration	Chlorobenzene-d5	8.386	124252	391196	0.3176	48.1396	50.0000	96.3
08MAR15.D	Calibration	Chlorobenzene-d5	8.388	346733	404630	0.8569	129.8766	125.0000	103.9
08MAR17.D	Calibration	Chlorobenzene-d5	8.389	725596	414772	1.7494	265.1424	250.0000	106.1
08MAR19.D	Calibration	Chlorobenzene-d5	8.388	1069970	404769	2.6434	400.6435	375.0000	106.8
08MAR21.D	Calibration	Chlorobenzene-d5	8.389	1449967	417151	3.4759	526.8155	500.0000	105.4
08MAR23.D	QC	Chlorobenzene-d5	8.388	374091	404184	0.9255	140.2787	125.0000	

**Compound: trans-1,3-Dichloropropene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	8.634	2439	385570	0.0063	2.4487	2.5000	97.9
08MAR11.D	Calibration	Chlorobenzene-d5	8.642	11681	384678	0.0304	11.7532	12.5000	94.0
08MAR12.D	Calibration	Chlorobenzene-d5	8.642	23155	391286	0.0592	22.9047	25.0000	91.6
08MAR13.D	Calibration	Chlorobenzene-d5	8.637	48475	391196	0.1239	47.9621	50.0000	95.9
08MAR15.D	Calibration	Chlorobenzene-d5	8.639	132503	404630	0.3275	126.7483	125.0000	101.4
08MAR17.D	Calibration	Chlorobenzene-d5	8.637	276356	414772	0.6663	257.8897	250.0000	103.2
08MAR19.D	Calibration	Chlorobenzene-d5	8.637	425753	404769	1.0518	407.1224	375.0000	108.6
08MAR21.D	Calibration	Chlorobenzene-d5	8.637	567494	417151	1.3604	526.5535	500.0000	105.3
08MAR23.D	QC	Chlorobenzene-d5	8.639	143451	404184	0.3549	137.3722	125.0000	

# Quantitative Analysis Results Summary Report

## Compound: 1,1,2-Trichloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	8.812	1355	385570	0.0035	2.7040	2.5000	108.2
08MAR11.D	Calibration	Chlorobenzene-d5	8.815	5809	384678	0.0151	11.6165	12.5000	92.9
08MAR12.D	Calibration	Chlorobenzene-d5	8.821	12649	391286	0.0323	24.8675	25.0000	99.5
08MAR13.D	Calibration	Chlorobenzene-d5	8.815	26761	391196	0.0684	52.6233	50.0000	105.2
08MAR15.D	Calibration	Chlorobenzene-d5	8.815	65757	404630	0.1625	125.0128	125.0000	100.0
08MAR17.D	Calibration	Chlorobenzene-d5	8.821	135915	414772	0.3277	252.0742	250.0000	100.8
08MAR19.D	Calibration	Chlorobenzene-d5	8.815	201690	404769	0.4983	383.3078	375.0000	102.2
08MAR21.D	Calibration	Chlorobenzene-d5	8.815	269231	417151	0.6454	496.4806	500.0000	99.3
08MAR23.D	QC	Chlorobenzene-d5	8.815	70831	404184	0.1752	134.8077	125.0000	

## Compound: Tetrachloroethene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	8.940	2814	385570	0.0073	2.6119	2.5000	104.5
08MAR11.D	Calibration	Chlorobenzene-d5	8.935	13420	384678	0.0349	12.4852	12.5000	99.9
08MAR12.D	Calibration	Chlorobenzene-d5	8.935	25872	391286	0.0661	23.6634	25.0000	94.7
08MAR13.D	Calibration	Chlorobenzene-d5	8.935	52218	391196	0.1335	47.7713	50.0000	95.5
08MAR15.D	Calibration	Chlorobenzene-d5	8.938	146026	404630	0.3609	129.1556	125.0000	103.3
08MAR17.D	Calibration	Chlorobenzene-d5	8.938	293221	414772	0.7069	253.0036	250.0000	101.2
08MAR19.D	Calibration	Chlorobenzene-d5	8.938	435649	404769	1.0763	385.1861	375.0000	102.7
08MAR21.D	Calibration	Chlorobenzene-d5	8.938	572328	417151	1.3720	491.0128	500.0000	98.2
08MAR23.D	QC	Chlorobenzene-d5	8.935	149059	404184	0.3688	131.9837	125.0000	

## Compound: 1,3-Dichloropropane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	8.988	2437	385570	0.0063	2.3769	2.5000	95.1
08MAR11.D	Calibration	Chlorobenzene-d5	8.974	12803	384678	0.0333	12.5163	12.5000	100.1
08MAR12.D	Calibration	Chlorobenzene-d5	8.982	25686	391286	0.0656	24.6867	25.0000	98.7
08MAR13.D	Calibration	Chlorobenzene-d5	8.977	49702	391196	0.1271	47.7795	50.0000	95.6
08MAR15.D	Calibration	Chlorobenzene-d5	8.980	136327	404630	0.3369	126.7026	125.0000	101.4
08MAR17.D	Calibration	Chlorobenzene-d5	8.980	282054	414772	0.6800	255.7317	250.0000	102.3
08MAR19.D	Calibration	Chlorobenzene-d5	8.982	414791	404769	1.0248	385.3752	375.0000	102.8
08MAR21.D	Calibration	Chlorobenzene-d5	8.983	549870	417151	1.3182	495.7109	500.0000	99.1
08MAR23.D	QC	Chlorobenzene-d5	8.980	138293	404184	0.3422	128.6716	125.0000	

## Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	9.211	2068	385570	0.0054	2.5522	2.5000	102.1
08MAR11.D	Calibration	Chlorobenzene-d5	9.200	10461	384678	0.0272	12.9398	12.5000	103.5

# Quantitative Analysis Results Summary Report

## Compound: Chlorodibromomethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR12.D	Calibration	Chlorobenzene-d5	9.203	19635	391286	0.0502	23.8775	25.0000	95.5
08MAR13.D	Calibration	Chlorobenzene-d5	9.205	40345	391196	0.1031	49.0736	50.0000	98.1
08MAR15.D	Calibration	Chlorobenzene-d5	9.205	104633	404630	0.2586	123.0447	125.0000	98.4
08MAR17.D	Calibration	Chlorobenzene-d5	9.203	220148	414772	0.5308	252.5561	250.0000	101.0
08MAR19.D	Calibration	Chlorobenzene-d5	9.205	328923	404769	0.8126	386.6691	375.0000	103.1
08MAR21.D	Calibration	Chlorobenzene-d5	9.203	439454	417151	1.0535	501.2710	500.0000	100.3
08MAR23.D	QC	Chlorobenzene-d5	9.203	110200	404184	0.2726	129.7343	125.0000	

## Compound: 1,2-Dibromoethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	9.311	1374	385570	0.0036	2.4488	2.5000	98.0
08MAR11.D	Calibration	Chlorobenzene-d5	9.309	7100	384678	0.0185	12.6837	12.5000	101.5
08MAR12.D	Calibration	Chlorobenzene-d5	9.303	14543	391286	0.0372	25.5429	25.0000	102.2
08MAR13.D	Calibration	Chlorobenzene-d5	9.309	27905	391196	0.0713	49.0229	50.0000	98.0
08MAR15.D	Calibration	Chlorobenzene-d5	9.309	72905	404630	0.1802	123.8256	125.0000	99.1
08MAR17.D	Calibration	Chlorobenzene-d5	9.303	150532	414772	0.3629	249.4196	250.0000	99.8
08MAR19.D	Calibration	Chlorobenzene-d5	9.306	222739	404769	0.5503	378.1814	375.0000	100.8
08MAR21.D	Calibration	Chlorobenzene-d5	9.306	299357	417151	0.7176	493.1821	500.0000	98.6
08MAR23.D	QC	Chlorobenzene-d5	9.306	77659	404184	0.1921	132.0456	125.0000	

## Compound: Chlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	9.808	7049	385570	0.0183	2.4862	2.5000	99.4
08MAR11.D	Calibration	Chlorobenzene-d5	9.799	35735	384678	0.0929	12.6329	12.5000	101.1
08MAR12.D	Calibration	Chlorobenzene-d5	9.802	69663	391286	0.1780	24.2112	25.0000	96.8
08MAR13.D	Calibration	Chlorobenzene-d5	9.802	139438	391196	0.3564	48.4724	50.0000	96.9
08MAR15.D	Calibration	Chlorobenzene-d5	9.802	378404	404630	0.9352	127.1762	125.0000	101.7
08MAR17.D	Calibration	Chlorobenzene-d5	9.802	765991	414772	1.8468	251.1438	250.0000	100.5
08MAR19.D	Calibration	Chlorobenzene-d5	9.802	1152588	404769	2.8475	387.2354	375.0000	103.3
08MAR21.D	Calibration	Chlorobenzene-d5	9.802	1528929	417151	3.6652	498.4278	500.0000	99.7
08MAR23.D	QC	Chlorobenzene-d5	9.802	401876	404184	0.9943	135.2138	125.0000	

## Compound: 1,1,1,2-Tetrachloroethane

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	9.903	2292	385570	0.0059	2.3092	2.5000	92.4
08MAR11.D	Calibration	Chlorobenzene-d5	9.889	12750	384678	0.0331	12.8763	12.5000	103.0
08MAR12.D	Calibration	Chlorobenzene-d5	9.891	25140	391286	0.0642	24.9602	25.0000	99.8
08MAR13.D	Calibration	Chlorobenzene-d5	9.891	47388	391196	0.1211	47.0599	50.0000	94.1
08MAR15.D	Calibration	Chlorobenzene-d5	9.891	128909	404630	0.3186	123.7664	125.0000	99.0

# Quantitative Analysis Results Summary Report

**Compound: 1,1,1,2-Tetrachloroethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR17.D	Calibration	Chlorobenzene-d5	9.894	267390	414772	0.6447	250.4455	250.0000	100.2
08MAR19.D	Calibration	Chlorobenzene-d5	9.891	404000	404769	0.9981	387.7498	375.0000	103.4
08MAR21.D	Calibration	Chlorobenzene-d5	9.892	539241	417151	1.2927	502.1889	500.0000	100.4
08MAR23.D	QC	Chlorobenzene-d5	9.891	137914	404184	0.3412	132.5582	125.0000	

**Compound: Ethylbenzene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	9.916	9912	385570	0.0257	2.9278	2.5000	117.1
08MAR11.D	Calibration	Chlorobenzene-d5	9.919	54739	384678	0.1423	12.0572	12.5000	96.5
08MAR12.D	Calibration	Chlorobenzene-d5	9.922	110892	391286	0.2834	23.0683	25.0000	92.3
08MAR13.D	Calibration	Chlorobenzene-d5	9.919	223198	391196	0.5706	45.3494	50.0000	90.7
08MAR15.D	Calibration	Chlorobenzene-d5	9.919	657972	404630	1.6261	125.8518	125.0000	100.7
08MAR17.D	Calibration	Chlorobenzene-d5	9.920	1400448	414772	3.3764	254.8393	250.0000	101.9
08MAR19.D	Calibration	Chlorobenzene-d5	9.919	2111220	404769	5.2159	384.9662	375.0000	102.7
08MAR21.D	Calibration	Chlorobenzene-d5	9.920	2822854	417151	6.7670	490.8361	500.0000	98.2
08MAR23.D	QC	Chlorobenzene-d5	9.919	706132	404184	1.7471	134.9403	125.0000	

**Compound: m+p-Xylenes**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	10.039	7306	385570	0.0189	6.1027	5.0000	122.1
08MAR11.D	Calibration	Chlorobenzene-d5	10.036	40825	384678	0.1061	23.1569	25.0000	92.6
08MAR12.D	Calibration	Chlorobenzene-d5	10.042	85101	391286	0.2175	44.8929	50.0000	89.8
08MAR13.D	Calibration	Chlorobenzene-d5	10.039	177752	391196	0.4544	90.9482	100.0000	90.9
08MAR15.D	Calibration	Chlorobenzene-d5	10.039	530390	404630	1.3108	255.4456	250.0000	102.2
08MAR17.D	Calibration	Chlorobenzene-d5	10.039	1101974	414772	2.6568	507.9609	500.0000	101.6
08MAR19.D	Calibration	Chlorobenzene-d5	10.039	1656669	404769	4.0929	769.8443	750.0000	102.6
08MAR21.D	Calibration	Chlorobenzene-d5	10.039	2204020	417151	5.2835	981.5290	1000.0000	98.2
08MAR23.D	QC	Chlorobenzene-d5	10.039	547384	404184	1.3543	263.7176	250.0000	

**Compound: o-Xylene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	10.435	3188	385570	0.0083	2.9554	2.5000	118.2
08MAR11.D	Calibration	Chlorobenzene-d5	10.430	17447	384678	0.0454	11.4462	12.5000	91.6
08MAR12.D	Calibration	Chlorobenzene-d5	10.430	39176	391286	0.1001	23.9314	25.0000	95.7
08MAR13.D	Calibration	Chlorobenzene-d5	10.435	76653	391196	0.1959	45.6260	50.0000	91.3
08MAR15.D	Calibration	Chlorobenzene-d5	10.432	225955	404630	0.5584	126.0357	125.0000	100.8
08MAR17.D	Calibration	Chlorobenzene-d5	10.430	481170	414772	1.1601	254.2204	250.0000	101.7
08MAR19.D	Calibration	Chlorobenzene-d5	10.432	727310	404769	1.7969	383.5642	375.0000	102.3
08MAR21.D	Calibration	Chlorobenzene-d5	10.433	982061	417151	2.3542	492.1061	500.0000	98.4

# Quantitative Analysis Results Summary Report

**Compound: o-Xylene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR23.D	QC	Chlorobenzene-d5	10.432	242000	404184	0.5987	134.8237	125.0000	

**Compound: Styrene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	Chlorobenzene-d5			337756		ND		
08MAR10.D	Calibration	Chlorobenzene-d5	10.455	5372	385570	0.0139	3.2113	2.5000	128.5
08MAR11.D	Calibration	Chlorobenzene-d5	10.446	27945	384678	0.0726	11.2091	12.5000	89.7
08MAR12.D	Calibration	Chlorobenzene-d5	10.449	58603	391286	0.1498	21.6859	25.0000	86.7
08MAR13.D	Calibration	Chlorobenzene-d5	10.446	126060	391196	0.3222	44.9962	50.0000	90.0
08MAR15.D	Calibration	Chlorobenzene-d5	10.449	380735	404630	0.9409	127.3151	125.0000	101.9
08MAR17.D	Calibration	Chlorobenzene-d5	10.447	803179	414772	1.9364	255.7759	250.0000	102.3
08MAR19.D	Calibration	Chlorobenzene-d5	10.449	1211127	404769	2.9921	387.1308	375.0000	103.2
08MAR21.D	Calibration	Chlorobenzene-d5	10.447	1599133	417151	3.8335	488.5574	500.0000	97.7
08MAR23.D	QC	Chlorobenzene-d5	10.449	409016	404184	1.0120	136.6370	125.0000	

**Compound: Bromoform**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	10.619	1238	294101	0.0042	3.1248	2.5000	125.0
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	10.628	5269	304247	0.0173	12.8580	12.5000	102.9
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	10.625	11309	321352	0.0352	26.1285	25.0000	104.5
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	10.628	21384	332159	0.0644	47.7985	50.0000	95.6
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	10.630	56086	344828	0.1626	120.7601	125.0000	96.6
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	10.622	115553	352530	0.3278	243.3642	250.0000	97.3
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	10.625	180850	346370	0.5221	387.6589	375.0000	103.4
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	10.625	233715	348107	0.6714	498.4773	500.0000	99.7
08MAR23.D	QC	1,4-Dichlorobenzene-d4	10.625	62459	345365	0.1808	134.2729	125.0000	

**Compound: p-Bromofluorobenzene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4	10.951	257647	272504	0.9455	256.4138		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	10.957	3853	294101	0.0131	3.5530	2.5000	142.1
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	10.951	13966	304247	0.0459	12.4490	12.5000	99.6
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	10.951	26292	321352	0.0818	22.1887	25.0000	88.8
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	10.954	57556	332159	0.1733	46.9931	50.0000	94.0
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	10.948	162702	344828	0.4718	127.9616	125.0000	102.4
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	10.951	338763	352530	0.9609	260.6088	250.0000	104.2
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	10.954	511377	346370	1.4764	400.3964	375.0000	106.8
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	10.951	669271	348107	1.9226	521.4089	500.0000	104.3
08MAR23.D	QC	1,4-Dichlorobenzene-d4	10.951	333442	345365	0.9655	261.8371	250.0000	

# Quantitative Analysis Results Summary Report

**Compound: Bromobenzene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	11.090	2460	294101	0.0084	2.5169	2.5000	100.7
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	11.096	12631	304247	0.0415	12.4920	12.5000	99.9
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	11.093	25075	321352	0.0780	23.4790	25.0000	93.9
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	11.093	53142	332159	0.1600	48.1406	50.0000	96.3
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	11.091	143478	344828	0.4161	125.1995	125.0000	100.2
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	11.094	303099	352530	0.8598	258.7071	250.0000	103.5
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	11.093	447616	346370	1.2923	388.8528	375.0000	103.7
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	11.094	593083	348107	1.7037	512.6519	500.0000	102.5
08MAR23.D	QC	1,4-Dichlorobenzene-d4	11.096	155941	345365	0.4515	135.8632	125.0000	

**Compound: 1,1,2,2-Tetrachloroethane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	11.116	1654	294101	0.0056	2.9713	2.5000	118.9
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	11.110	7347	304247	0.0241	12.7580	12.5000	102.1
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	11.110	15259	321352	0.0475	25.0867	25.0000	100.3
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	11.110	31340	332159	0.0944	49.8484	50.0000	99.7
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	11.110	79827	344828	0.2315	122.3053	125.0000	97.8
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	11.113	166768	352530	0.4731	249.9278	250.0000	100.0
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	11.110	247452	346370	0.7144	377.4405	375.0000	100.7
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	11.113	327558	348107	0.9410	497.1338	500.0000	99.4
08MAR23.D	QC	1,4-Dichlorobenzene-d4	11.110	87773	345365	0.2541	134.2705	125.0000	

**Compound: 1,2,3-Trichloropropane**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	11.149	140	294101	0.0005	0.9462	2.5000	37.8
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	11.149	1965	304247	0.0065	12.8497	12.5000	102.8
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	11.146	4226	321352	0.0132	26.1588	25.0000	104.6
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	11.144	8436	332159	0.0254	50.5196	50.0000	101.0
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	11.152	20143	344828	0.0584	116.1960	125.0000	93.0
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	11.149	44177	352530	0.1253	249.2699	250.0000	99.7
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	11.149	65738	346370	0.1898	377.5251	375.0000	100.7
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	11.147	85917	348107	0.2468	490.9486	500.0000	98.2
08MAR23.D	QC	1,4-Dichlorobenzene-d4	11.146	21329	345365	0.0618	122.8462	125.0000	

**Compound: 2-Chlorotoluene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	11.286	1999	294101	0.0068	2.0549	2.5000	82.2
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	11.286	11659	304247	0.0383	11.5847	12.5000	92.7



# Quantitative Analysis Results Summary Report

## Compound: 2-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	11.289	25072	321352	0.0780	23.5862	25.0000	94.3
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	11.291	49068	332159	0.1477	44.6582	50.0000	89.3
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	11.289	147552	344828	0.4279	129.3576	125.0000	103.5
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	11.289	307199	352530	0.8714	263.4347	250.0000	105.4
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	11.291	464319	346370	1.3405	405.2523	375.0000	108.1
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	11.292	614521	348107	1.7653	533.6706	500.0000	106.7
08MAR23.D	QC	1,4-Dichlorobenzene-d4	11.291	160791	345365	0.4656	140.7449	125.0000	

## Compound: 4-Chlorotoluene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	11.397	6602	294101	0.0224	2.0745	2.5000	83.0
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	11.403	37571	304247	0.1235	11.4117	12.5000	91.3
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	11.400	76815	321352	0.2390	22.0897	25.0000	88.4
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	11.400	168947	332159	0.5086	47.0035	50.0000	94.0
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	11.400	488073	344828	1.4154	130.8000	125.0000	104.6
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	11.400	1021389	352530	2.8973	267.7444	250.0000	107.1
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	11.400	1523298	346370	4.3979	406.4152	375.0000	108.4
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	11.400	2000712	348107	5.7474	531.1255	500.0000	106.2
08MAR23.D	QC	1,4-Dichlorobenzene-d4	11.400	533129	345365	1.5437	142.6525	125.0000	

## Compound: 1,3-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	12.039	4076	294101	0.0139	2.3356	2.5000	93.4
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	12.033	22620	304247	0.0743	12.5292	12.5000	100.2
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	12.033	45163	321352	0.1405	23.6842	25.0000	94.7
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	12.033	94907	332159	0.2857	48.1514	50.0000	96.3
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	12.036	265354	344828	0.7695	129.6822	125.0000	103.7
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	12.033	539560	352530	1.5305	257.9294	250.0000	103.2
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	12.036	807641	346370	2.3317	392.9481	375.0000	104.8
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	12.033	1070002	348107	3.0738	517.9990	500.0000	103.6
08MAR23.D	QC	1,4-Dichlorobenzene-d4	12.033	296046	345365	0.8572	144.4568	125.0000	

## Compound: 1,4-Dichlorobenzene

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	12.120	4539	294101	0.0154	2.4904	2.5000	99.6
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	12.122	23795	304247	0.0782	12.6203	12.5000	101.0
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	12.125	50411	321352	0.1569	25.3136	25.0000	101.3
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	12.125	98667	332159	0.2970	47.9331	50.0000	95.9
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	12.122	270489	344828	0.7844	126.5775	125.0000	101.3

# Quantitative Analysis Results Summary Report

**Compound: 1,4-Dichlorobenzene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	12.123	547829	352530	1.5540	250.7602	250.0000	100.3
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	12.125	812896	346370	2.3469	378.7078	375.0000	101.0
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	12.125	1075885	348107	3.0907	498.7268	500.0000	99.7
08MAR23.D	QC	1,4-Dichlorobenzene-d4	12.125	287458	345365	0.8323	134.3092	125.0000	

**Compound: 1,2-Dichlorobenzene**

Data File	Sample Type	ISTD	RT	Resp	ISTD Resp	Resp Ratio	Final Conc	Exp. Conc	Accuracy
08MAR09.D	Blank	1,4-Dichlorobenzene-d4			272504		ND		
08MAR10.D	Calibration	1,4-Dichlorobenzene-d4	12.493	3896	294101	0.0132	2.6347	2.5000	105.4
08MAR11.D	Calibration	1,4-Dichlorobenzene-d4	12.490	18926	304247	0.0622	12.3720	12.5000	99.0
08MAR12.D	Calibration	1,4-Dichlorobenzene-d4	12.493	39062	321352	0.1216	24.1758	25.0000	96.7
08MAR13.D	Calibration	1,4-Dichlorobenzene-d4	12.493	77848	332159	0.2344	46.6132	50.0000	93.2
08MAR15.D	Calibration	1,4-Dichlorobenzene-d4	12.493	215492	344828	0.6249	124.2900	125.0000	99.4
08MAR17.D	Calibration	1,4-Dichlorobenzene-d4	12.496	447443	352530	1.2692	252.4347	250.0000	101.0
08MAR19.D	Calibration	1,4-Dichlorobenzene-d4	12.493	670611	346370	1.9361	385.0683	375.0000	102.7
08MAR21.D	Calibration	1,4-Dichlorobenzene-d4	12.493	898029	348107	2.5797	513.0799	500.0000	102.6
08MAR23.D	QC	1,4-Dichlorobenzene-d4	12.496	240418	345365	0.6961	138.4510	125.0000	

# Initial Calibration Report - VOA5975C

Method Path \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C\_030822\_CAL  
 Method File VOA5975C\_8260B\_SHT\_DoD\_030822.m  
 Batch Name D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822\_8260B.batch.bin  
 Last Calib Update 3/9/2022 9:53:53 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\Org\Data\VOA5975C\VG030822\08MAR10.D	3/8/2022 2:50:38 PM	3/9/2022 9:01:18 AM
2	D:\Org\Data\VOA5975C\VG030822\08MAR11.D	3/8/2022 3:17:58 PM	3/9/2022 9:01:18 AM
3	D:\Org\Data\VOA5975C\VG030822\08MAR12.D	3/8/2022 3:45:18 PM	3/9/2022 9:01:18 AM
4	D:\Org\Data\VOA5975C\VG030822\08MAR13.D	3/8/2022 4:12:46 PM	3/9/2022 9:01:18 AM
5	D:\Org\Data\VOA5975C\VG030822\08MAR15.D	3/8/2022 5:07:27 PM	3/9/2022 9:01:18 AM
6	D:\Org\Data\VOA5975C\VG030822\08MAR17.D	3/8/2022 6:02:07 PM	3/9/2022 9:01:18 AM
7	D:\Org\Data\VOA5975C\VG030822\08MAR19.D	3/8/2022 6:56:41 PM	3/9/2022 9:01:18 AM
8	D:\Org\Data\VOA5975C\VG030822\08MAR21.D	3/8/2022 7:51:28 PM	3/9/2022 9:01:18 AM

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
----- ISTD -----											
I Fluorobenzene											
T Dichlorodifluoromethane	Avg RF		0.3650	0.3576	0.3580	0.3544	0.3694	0.3680	0.3547	0.3610	1.749
T Chloromethane	Avg RF		0.4651	0.4076	0.4123	0.4037	0.4122	0.4188	0.4096	0.4185	5.035
T Vinyl chloride	Avg RF		0.3892	0.3826	0.3608	0.3639	0.3852	0.3854	0.3790	0.3780	2.962
T Bromomethane	Avg RF		0.1714	0.1545	0.1611	0.1600	0.1749	0.1791	0.1748	0.1680	5.558
T Chloroethane	Avg RF		0.2140	0.1941	0.2020	0.1948	0.2064	0.2011	0.1872	0.1999	4.424
T Trichlorofluoromethane	Avg RF		0.5335	0.4846	0.4707	0.4494	0.4543	0.4620	0.4839	0.4769	5.955
T 1,1-Dichloroethene	Avg RF		0.2577	0.2752	0.2257	0.2462	0.2308	0.2737	0.2663	0.2536	7.888
T Methylene chloride	Avg RF		0.4566	0.4031	0.3904	0.3627	0.3647	0.3625	0.3560	0.3852	9.323
T trans-1,2-Dichloroethene	Avg RF		0.2814	0.2637	0.2454	0.2609	0.2638	0.2685	0.2647	0.2641	4.033
T Methyl tert-butyl ether (MTBE)	Avg RF		0.3301	0.3198	0.3069	0.3062	0.3462	0.3482	0.3456	0.3290	5.596
T 1,1-Dichloroethane	Avg RF		0.5263	0.5080	0.4792	0.5041	0.5106	0.5125	0.4998	0.5058	2.845
T 2,2-Dichloropropane	Avg RF		0.3976	0.4055	0.3813	0.3890	0.3886	0.3939	0.3727	0.3898	2.749
T cis-1,2-Dichloroethene	Avg RF		0.2773	0.2520	0.2489	0.2617	0.2734	0.2802	0.2757	0.2670	4.775
T Methyl ethyl ketone	Avg RF		0.0331	0.0320	0.0325	0.0332	0.0377	0.0394	0.0379	0.0351 #	8.843
T Bromochloromethane	Avg RF		0.1005	0.1063	0.1027	0.1087	0.1096	0.1105	0.1070	0.1065	3.463
T Chloroform	Avg RF	0.5374	0.5311	0.4972	0.4678	0.4801	0.4893	0.4855	0.4765	0.4956	5.131
T 1,1,1-Trichloroethane	Avg RF		0.5131	0.4770	0.4530	0.4754	0.4795	0.4913	0.4746	0.4806	3.809
S Dibromofluoromethane	Avg RF		0.2710	0.2555	0.2398	0.2517	0.2543	0.2578	0.2480	0.2540	3.762
T Carbon tetrachloride	Avg RF		0.5059	0.4762	0.4385	0.4803	0.4722	0.4807	0.4669	0.4744	4.233
T 1,1-Dichloropropene	Avg RF		0.3836	0.3616	0.3455	0.3891	0.4144	0.4215	0.4139	0.3899	7.397
S 1,2-Dichloroethane-d4	Avg RF		0.1140	0.1215	0.1052	0.1137	0.1138	0.1150	0.1104	0.1134	4.323
T Benzene	Avg RF	1.0152	1.0216	0.9683	0.9336	1.0342	1.0536	1.0635	1.0426	1.0166	4.368
T 1,2-Dichloroethane	Avg RF		0.2807	0.2721	0.2654	0.2605	0.2831	0.2855	0.2756	0.2747	3.388
----- ISTD -----											
I Chlorobenzene-d5											
T Trichloroethene	Avg RF		0.7993	0.7731	0.7046	0.8021	0.7874	0.8116	0.7971	0.7822	4.641
T 1,2-Dichloropropane	Avg RF		0.7003	0.6491	0.6575	0.6797	0.6803	0.7094	0.6941	0.6815	3.237
T Dibromomethane	Avg RF		0.2852	0.2986	0.2916	0.2793	0.2836	0.2981	0.2834	0.2885	2.647
T Bromodichloromethane	Avg RF		0.7873	0.8188	0.7812	0.8110	0.8212	0.8259	0.7950	0.8058	2.208

## Initial Calibration Report - VOA5975C

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD	
T cis-1,3-Dichloropropene	Avg RF		0.8466	0.8252	0.8180	0.8586	0.9091	0.9491	0.9385	0.8779	6.140	
S Toluene-d8	Quadratic		2.1902	2.2858	2.3372	2.6359	2.6794	2.7344	2.6255	2.4983	8.795	
T Toluene	Avg RF		1.4811	1.5137	1.5881	1.7138	1.7494	1.7623	1.7379	1.6495	7.225	
T trans-1,3-Dichloropropene	Avg RF		0.6073	0.5918	0.6196	0.6549	0.6663	0.7012	0.6802	0.6459	6.272	
T 1,1,2-Trichloroethane	Avg RF		0.3020	0.3233	0.3420	0.3250	0.3277	0.3322	0.3227	0.3250	3.739	
T Tetrachloroethene	Avg RF	0.7298	0.6977	0.6612	0.6674	0.7218	0.7069	0.7175	0.6860	0.6986	3.618	
T 1,3-Dichloropropane	Avg RF		0.6656	0.6565	0.6353	0.6738	0.6800	0.6832	0.6591	0.6648	2.477	
T Chlorodibromomethane	Avg RF		0.5439	0.5018	0.5157	0.5172	0.5308	0.5417	0.5267	0.5254	2.864	
T 1,2-Dibromoethane	Avg RF		0.3691	0.3717	0.3567	0.3604	0.3629	0.3669	0.3588	0.3638	1.539	
T Chlorobenzene	Avg RF		1.8579	1.7804	1.7822	1.8704	1.8468	1.8983	1.8326	1.8384	2.395	
T 1,1,1,2-Tetrachloroethane	Avg RF		0.6629	0.6425	0.6057	0.6372	0.6447	0.6654	0.6463	0.6435	3.066	
T Ethylbenzene	Quadratic	2.5707	2.8460	2.8340	2.8528	3.2522	3.3764	3.4772	3.3835	3.0741	10.952	
T m+p-Xylenes	Quadratic	0.9474	1.0613	1.0875	1.1360	1.3108	1.3284	1.3643	1.3209	1.1946	13.043	
T o-Xylene	Quadratic	0.8268	0.9071	1.0012	0.9797	1.1168	1.1601	1.1979	1.1771	1.0458	13.131	
T Styrene	Quadratic	1.3933	1.4529	1.4977	1.6112	1.8819	1.9364	1.9948	1.9167	1.7106	14.420	
I 1,4-Dichlorobenzene-d4					----- ISTD -----							
T Bromoform	Avg RF		0.3464	0.3519	0.3219	0.3253	0.3278	0.3481	0.3357	0.3367	3.606	
S p-Bromofluorobenzene	Avg RF		0.9181	0.8182	0.8664	0.9437	0.9609	0.9843	0.9613	0.9218	6.463	
T Bromobenzene	Avg RF		0.8303	0.7803	0.7999	0.8322	0.8598	0.8615	0.8519	0.8308	3.720	
T 1,1,2,2-Tetrachloroethane	Avg RF		0.4830	0.4748	0.4718	0.4630	0.4731	0.4763	0.4705	0.4732	1.283	
T 1,2,3-Trichloropropane	Avg RF		0.1292	0.1315	0.1270	0.1168	0.1253	0.1265	0.1234	0.1257	3.738	
T 2-Chlorotoluene	Avg RF		0.7664	0.7802	0.7386	0.8558	0.8714	0.8937	0.8827	0.8270	7.651	
T 4-Chlorotoluene	Avg RF		2.4698	2.3904	2.5432	2.8308	2.8973	2.9319	2.8737	2.7053	8.447	
T 1,3-Dichlorobenzene	Avg RF	1.3859	1.4869	1.4054	1.4286	1.5391	1.5305	1.5545	1.5369	1.4835	4.546	
T 1,4-Dichlorobenzene	Avg RF	1.5433	1.5642	1.5687	1.4852	1.5688	1.5540	1.5646	1.5453	1.5493	1.791	
T 1,2-Dichlorobenzene	Avg RF	1.3247	1.2441	1.2156	1.1718	1.2499	1.2692	1.2907	1.2899	1.2570	3.820	

(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
S Toluene-d8	Quadratic	$y = -0.020988 * x^2 + 2.724686 * x - 0.037586$	0.999323
T Ethylbenzene	Quadratic	$y = 0.136523 * x^2 + 3.184532 * x - 0.011606$	0.999010
T m+p-Xylenes	Quadratic	$y = 0.018606 * x^2 + 1.275792 * x - 0.012206$	0.998854
T o-Xylene	Quadratic	$y = 0.055669 * x^2 + 1.088749 * x - 0.004610$	0.999187
T Styrene	Quadratic	$y = 0.069212 * x^2 + 1.831281 * x - 0.009602$	0.998296

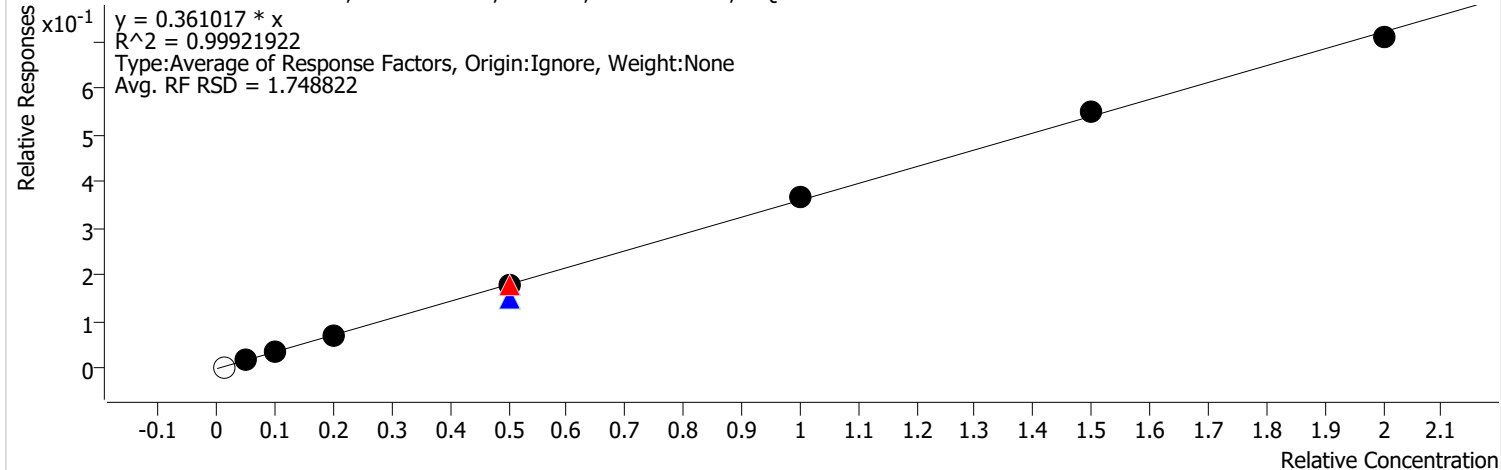
(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:54 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Dichlorodifluoromethane %RSE = 1.7**

Dichlorodifluoromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



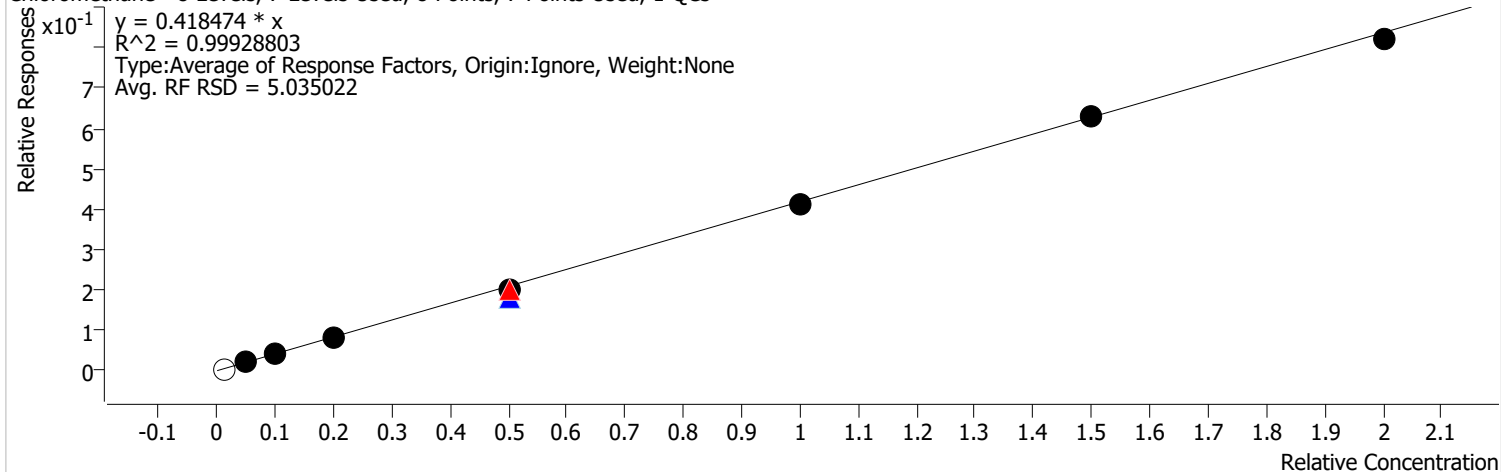
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3820	2.5000	0.3871	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	17687	12.5000	0.3650	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	35836	25.0000	0.3576	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	73238	50.0000	0.3580	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	158910	125.0000	0.3026	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	188867	125.0000	0.3544	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	188867	125.0000	0.3544	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	398107	250.0000	0.3694	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	585183	375.0000	0.3680	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	770649	500.0000	0.3547	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Chloromethane %RSE = 5.0**

Chloromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



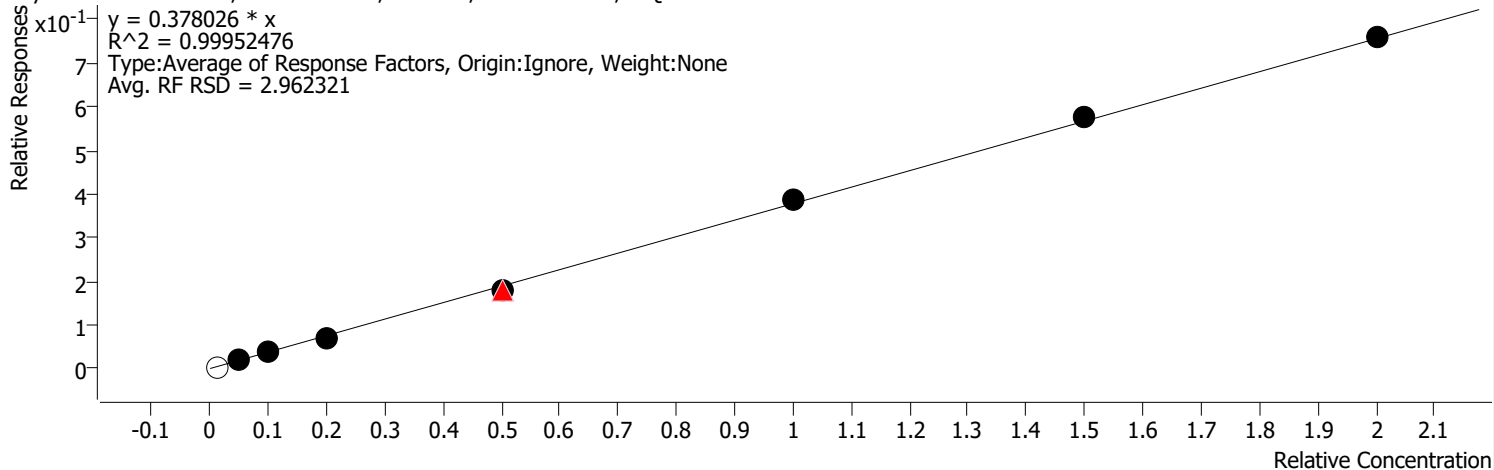
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		4585	2.5000	0.4646	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	22538	12.5000	0.4651	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	40847	25.0000	0.4076	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	84351	50.0000	0.4123	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	190538	125.0000	0.3629	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	215141	125.0000	0.4037	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	215141	125.0000	0.4037	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	444235	250.0000	0.4122	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	666016	375.0000	0.4188	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	889781	500.0000	0.4096	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Vinyl chloride %RSE = 3.0**

Vinyl chloride - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3938	2.5000	0.3991	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	18863	12.5000	0.3892	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	38346	25.0000	0.3826	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	73808	50.0000	0.3608	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	189165	125.0000	0.3603	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	193911	125.0000	0.3639	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	193911	125.0000	0.3639	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	415168	250.0000	0.3852	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	612829	375.0000	0.3854	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	823410	500.0000	0.3790	

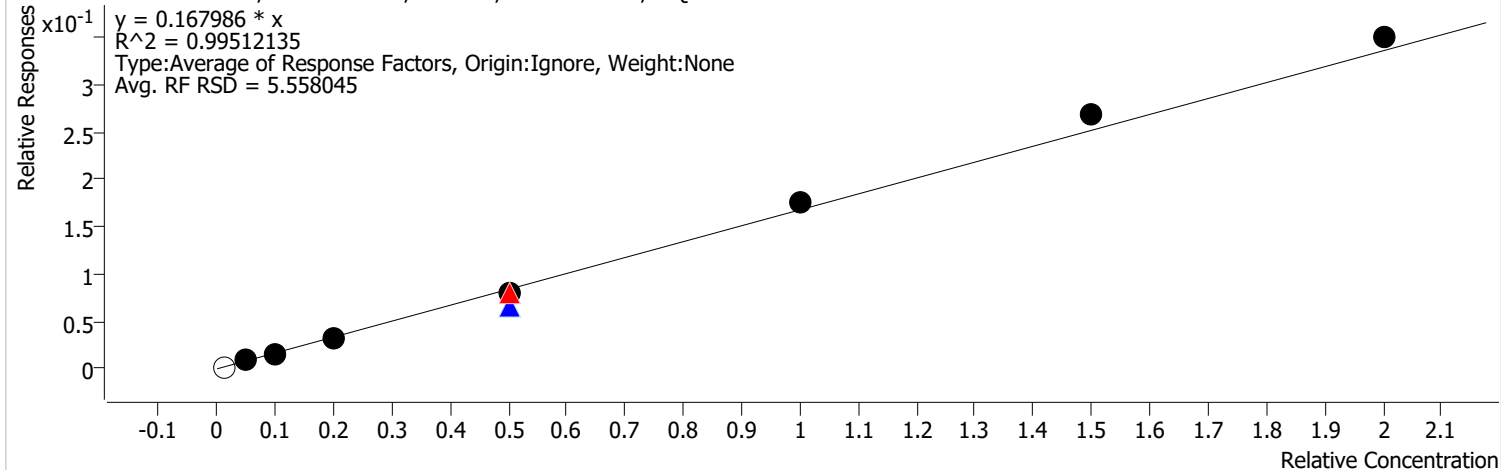


# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Bromomethane %RSE = 5.6**

Bromomethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



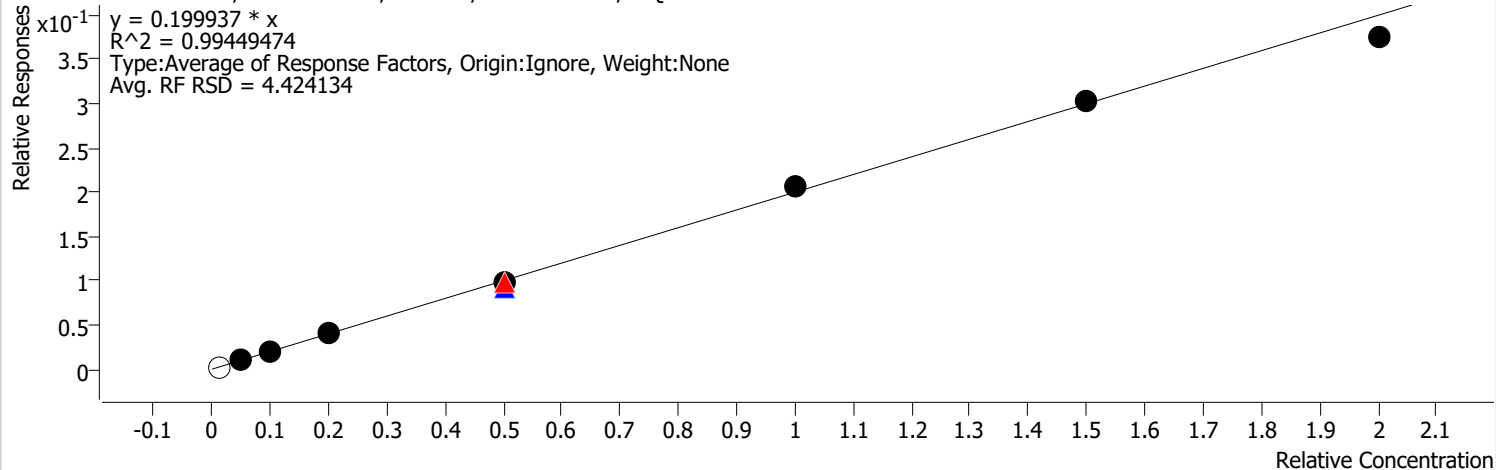
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2110	2.5000	0.2138	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	8307	12.5000	0.1714	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	15482	25.0000	0.1545	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	32963	50.0000	0.1611	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	70260	125.0000	0.1338	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	85279	125.0000	0.1600	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	85279	125.0000	0.1600	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	188489	250.0000	0.1749	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	284824	375.0000	0.1791	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	379808	500.0000	0.1748	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Chloroethane %RSE = 4.4**

Chloroethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



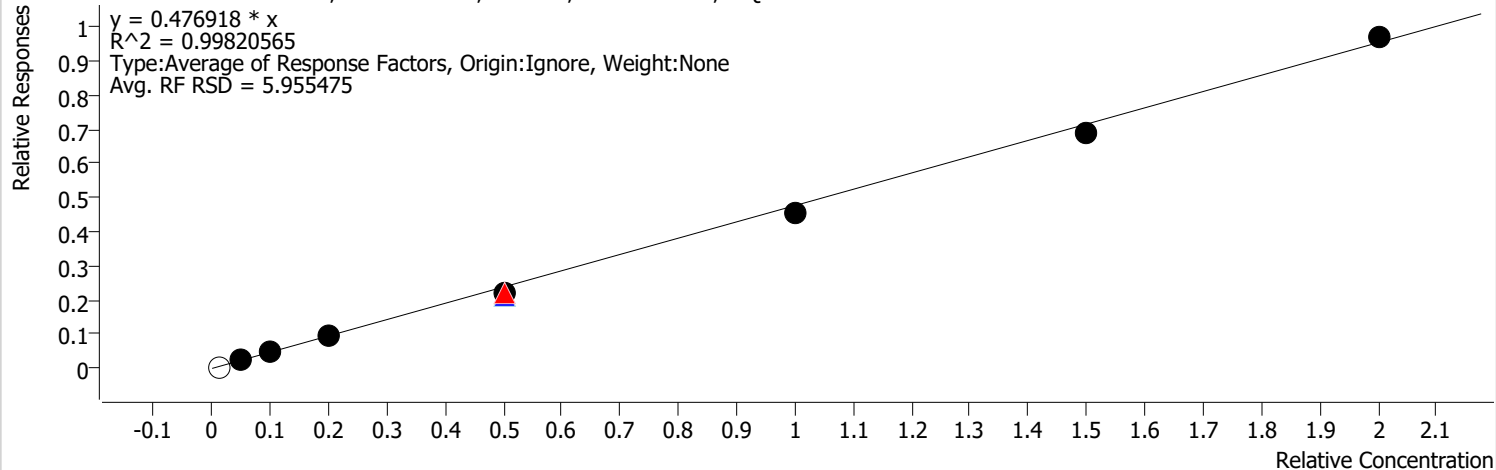
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2604	2.5000	0.2639	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	10373	12.5000	0.2140	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	19447	25.0000	0.1941	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	41319	50.0000	0.2020	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	95919	125.0000	0.1827	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	103835	125.0000	0.1948	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	103835	125.0000	0.1948	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	222428	250.0000	0.2064	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	319722	375.0000	0.2011	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	406643	500.0000	0.1872	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Trichlorofluoromethane %RSE = 6.0**

Trichlorofluoromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

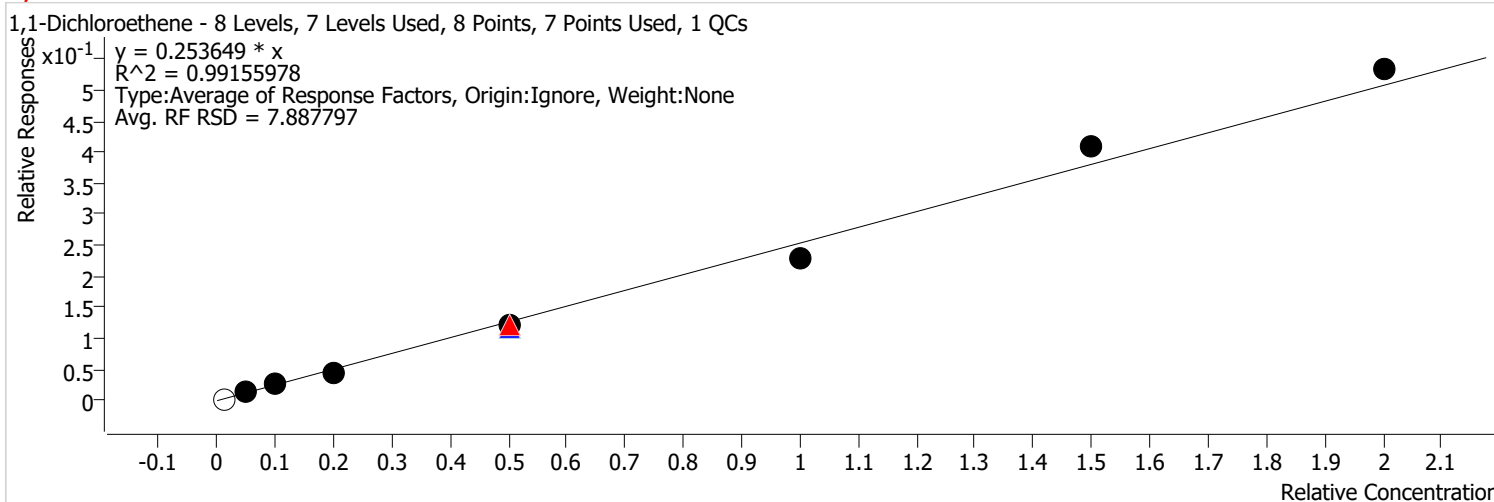


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		4706	2.5000	0.4769	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	25855	12.5000	0.5335	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	48562	25.0000	0.4846	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	96299	50.0000	0.4707	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	224475	125.0000	0.4275	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	239502	125.0000	0.4494	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	239502	125.0000	0.4494	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	489590	250.0000	0.4543	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	734562	375.0000	0.4620	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1051347	500.0000	0.4839	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,1-Dichloroethene %RSE = 7.9**

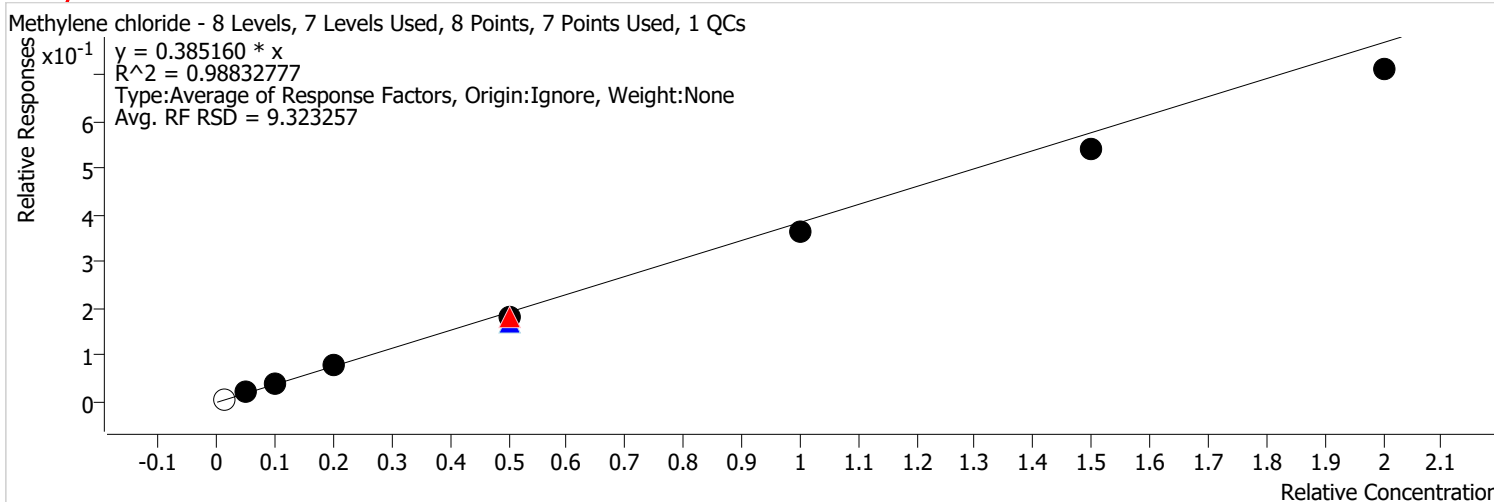


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2964	2.5000	0.3004	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	12488	12.5000	0.2577	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	27578	25.0000	0.2752	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	46171	50.0000	0.2257	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	121770	125.0000	0.2319	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	131215	125.0000	0.2462	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	131215	125.0000	0.2462	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	248711	250.0000	0.2308	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	435227	375.0000	0.2737	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	578450	500.0000	0.2663	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Methylene chloride %RSE = 9.3**

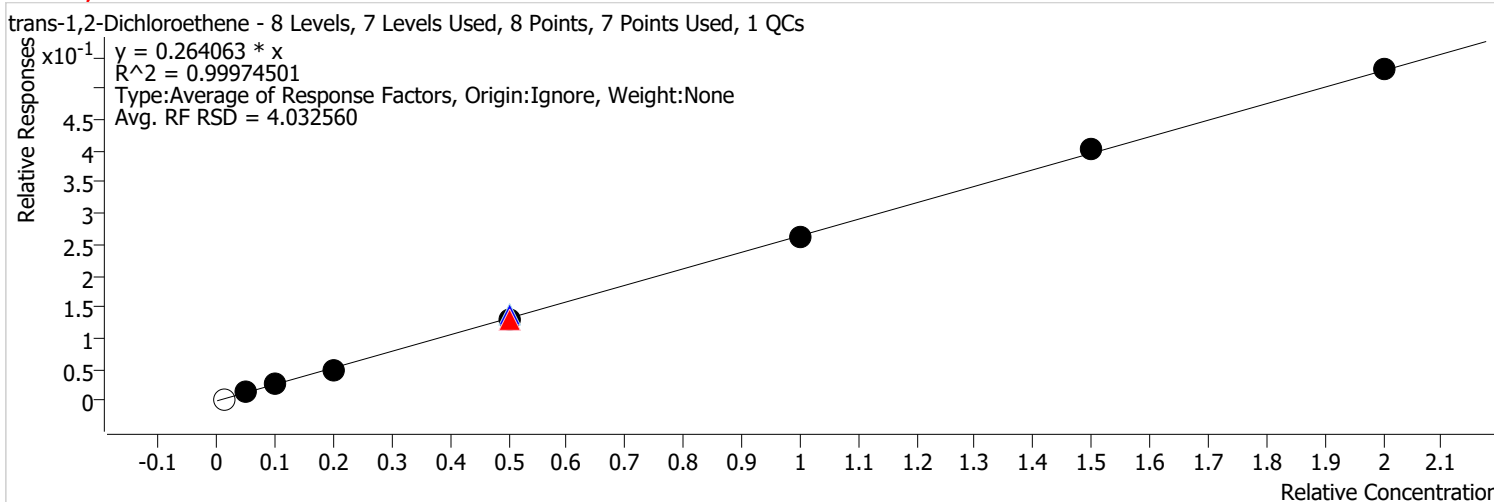


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		7300	2.5000	0.7397	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	22128	12.5000	0.4566	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	40397	25.0000	0.4031	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	79875	50.0000	0.3904	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	177702	125.0000	0.3384	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	193291	125.0000	0.3627	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	193291	125.0000	0.3627	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	393031	250.0000	0.3647	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	576459	375.0000	0.3625	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	773488	500.0000	0.3560	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**trans-1,2-Dichloroethene %RSE = 4.0**



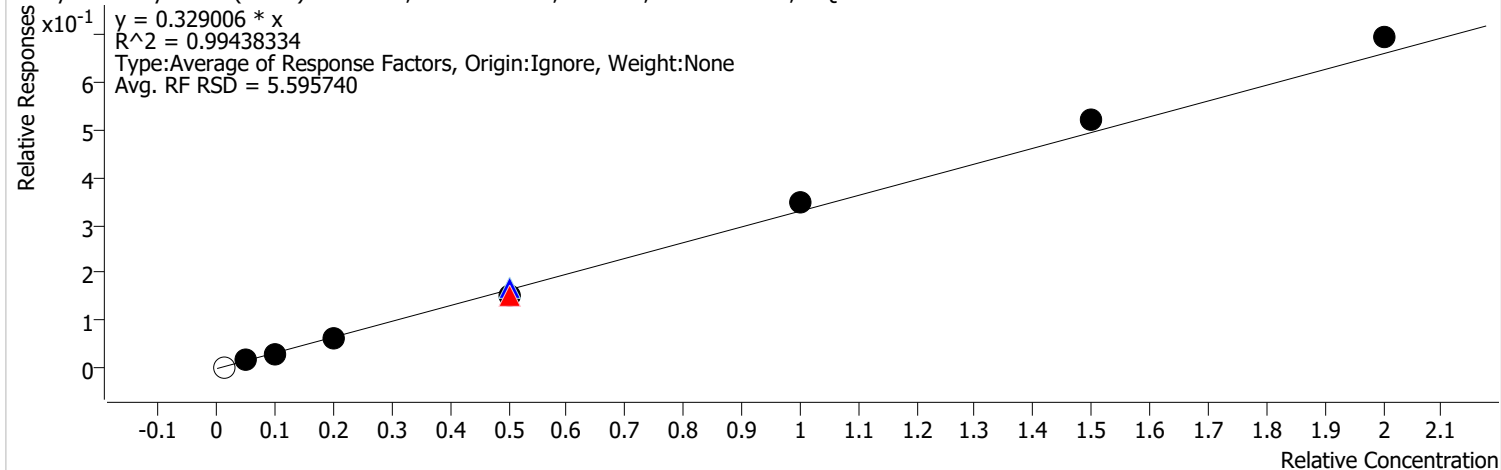
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3159	2.5000	0.3201	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	13639	12.5000	0.2814	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	26428	25.0000	0.2637	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	50206	50.0000	0.2454	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	146702	125.0000	0.2794	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	139017	125.0000	0.2609	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	139017	125.0000	0.2609	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	284309	250.0000	0.2638	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	426895	375.0000	0.2685	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	575122	500.0000	0.2647	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

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

Methyl tert-butyl ether (MTBE) - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

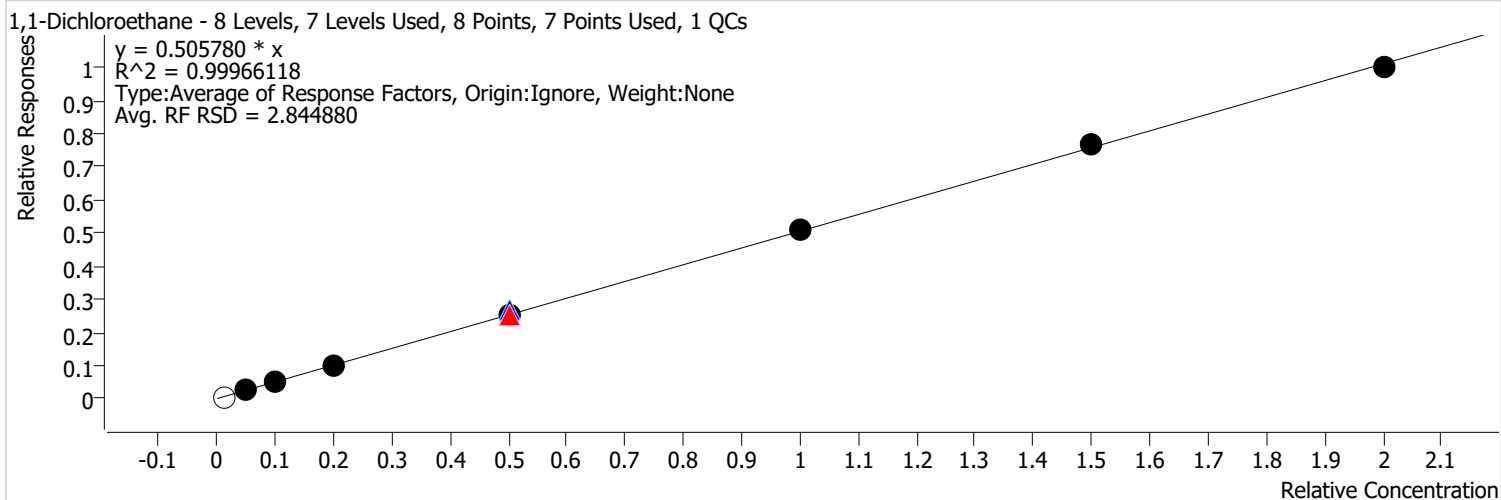


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3577	2.5000	0.3624	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	15996	12.5000	0.3301	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	32048	25.0000	0.3198	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	62796	50.0000	0.3069	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	178983	125.0000	0.3409	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	163173	125.0000	0.3062	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	163173	125.0000	0.3062	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	373038	250.0000	0.3462	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	553728	375.0000	0.3482	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	750916	500.0000	0.3456	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:58 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,1-Dichloroethane %RSE = 2.8**



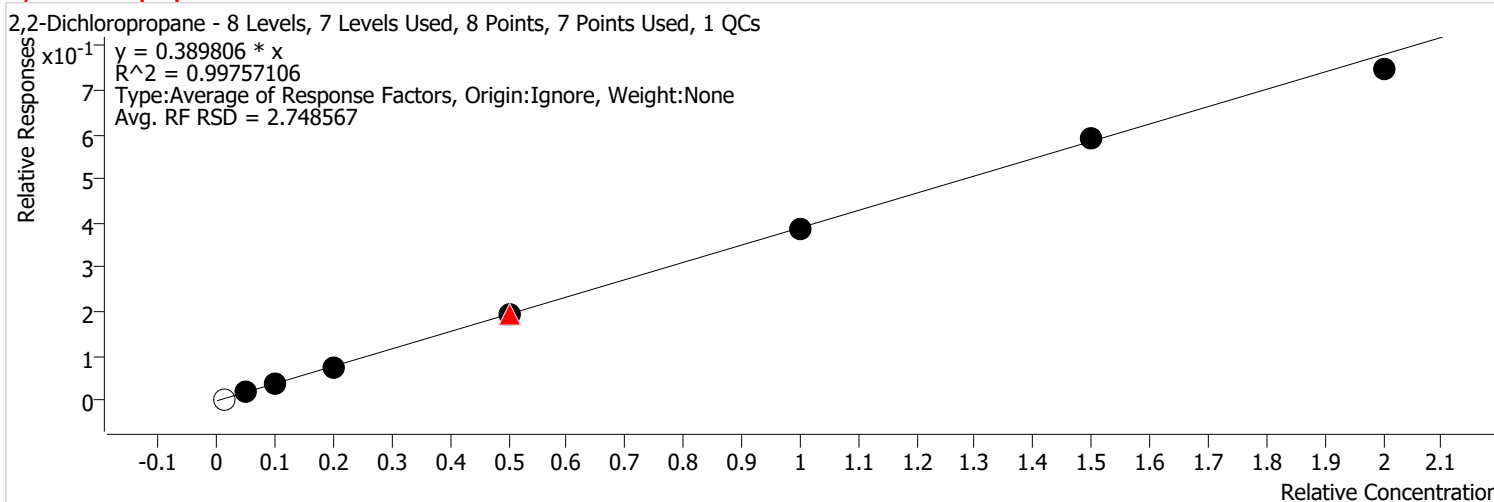
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		5296	2.5000	0.5366	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	25506	12.5000	0.5263	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	50913	25.0000	0.5080	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	98030	50.0000	0.4792	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	282745	125.0000	0.5385	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	268638	125.0000	0.5041	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	268638	125.0000	0.5041	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	550272	250.0000	0.5106	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	814870	375.0000	0.5125	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1085722	500.0000	0.4998	



# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**2,2-Dichloropropane %RSE = 2.7**



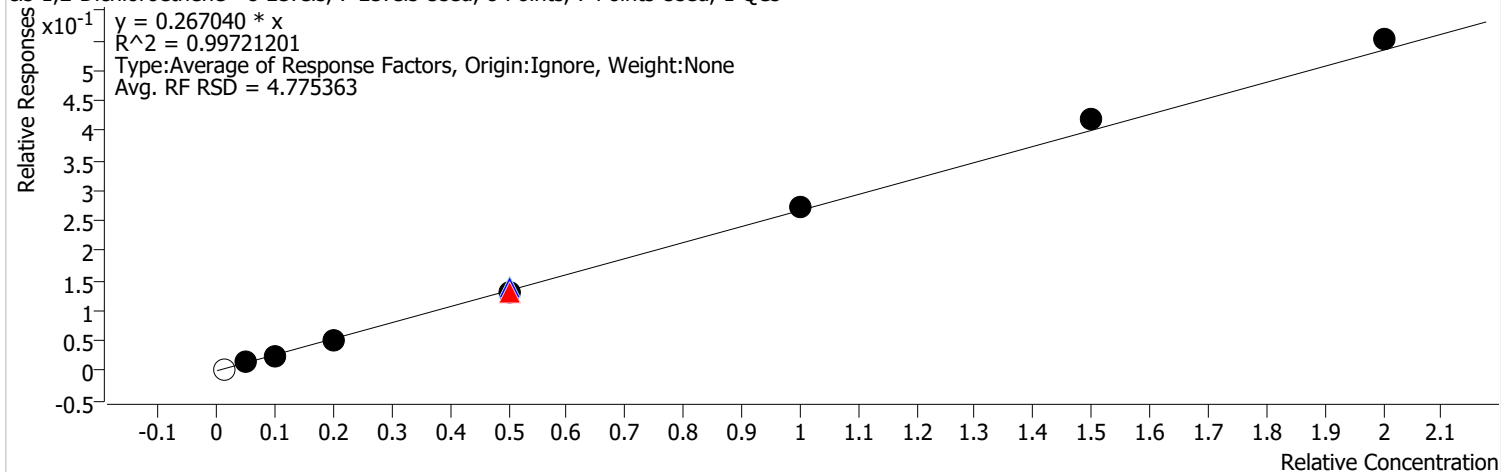
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		4314	2.5000	0.4372	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	19266	12.5000	0.3976	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	40640	25.0000	0.4055	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	78015	50.0000	0.3813	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	203762	125.0000	0.3881	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	207283	125.0000	0.3890	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	207283	125.0000	0.3890	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	418825	250.0000	0.3886	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	626299	375.0000	0.3939	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	809783	500.0000	0.3727	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**cis-1,2-Dichloroethene %RSE = 4.8**

cis-1,2-Dichloroethene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

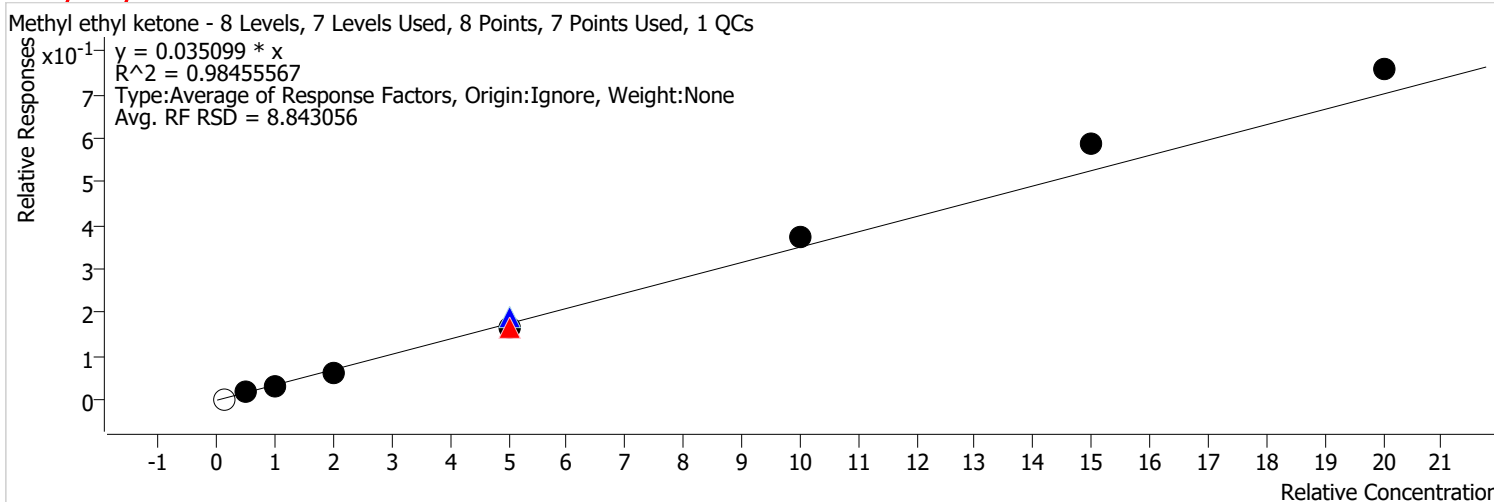


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3139	2.5000	0.3180	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	13439	12.5000	0.2773	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25254	25.0000	0.2520	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	50928	50.0000	0.2489	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	147919	125.0000	0.2817	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	139481	125.0000	0.2617	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	139481	125.0000	0.2617	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	294673	250.0000	0.2734	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	445478	375.0000	0.2802	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	598965	500.0000	0.2757	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:09:59 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**Methyl ethyl ketone %RSE = 8.8**



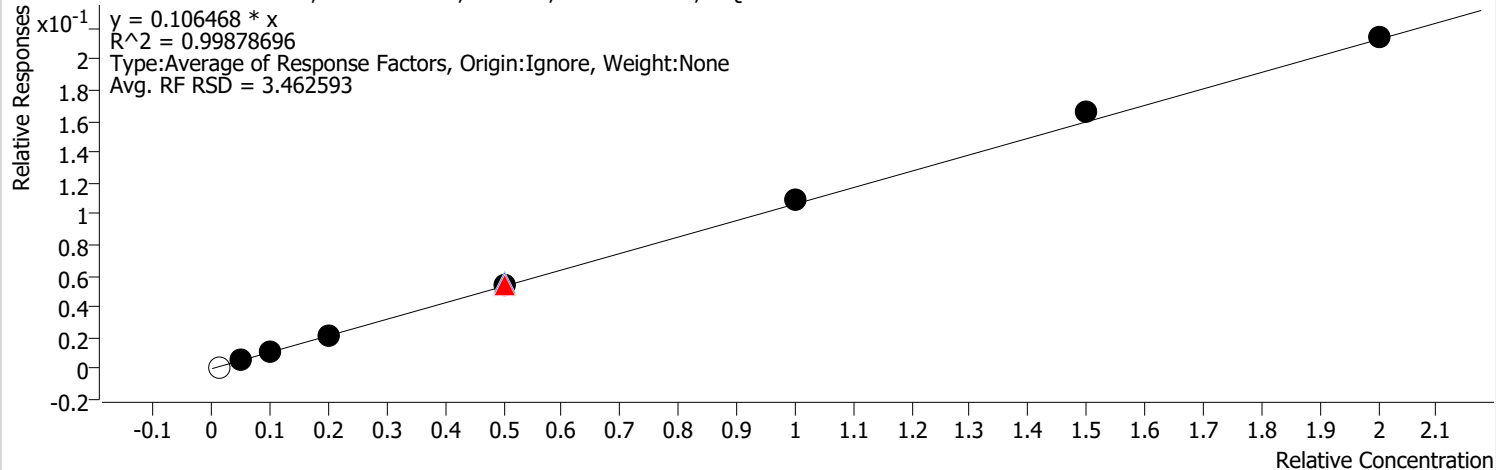
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3118	25.0000	0.0316	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	16035	125.0000	0.0331	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	32020	250.0000	0.0320	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	66425	500.0000	0.0325	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	199087	1250.0000	0.0379	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	176782	1250.0000	0.0332	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	176782	1250.0000	0.0332	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	406488	2500.0000	0.0377	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	626778	3750.0000	0.0394	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	822842	5000.0000	0.0379	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Bromochloromethane %RSE = 3.5**

Bromochloromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



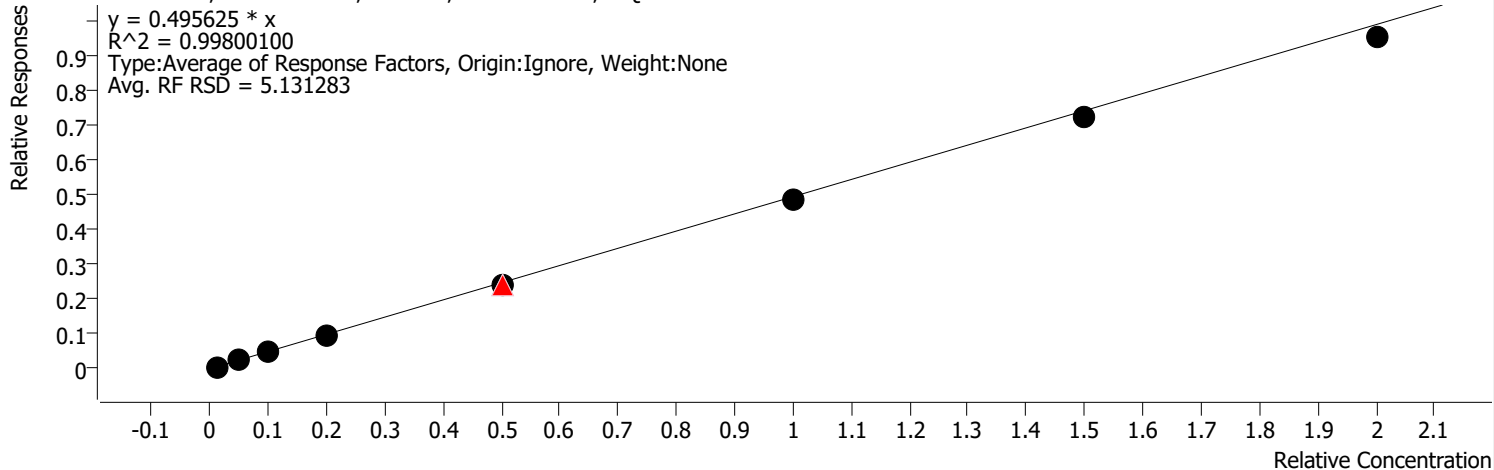
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1164	2.5000	0.1179	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	4870	12.5000	0.1005	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	10656	25.0000	0.1063	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	21002	50.0000	0.1027	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	58571	125.0000	0.1116	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	57901	125.0000	0.1087	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	57901	125.0000	0.1087	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	118156	250.0000	0.1096	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	175684	375.0000	0.1105	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	232487	500.0000	0.1070	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Chloroform %RSE = 5.1**

Chloroform - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

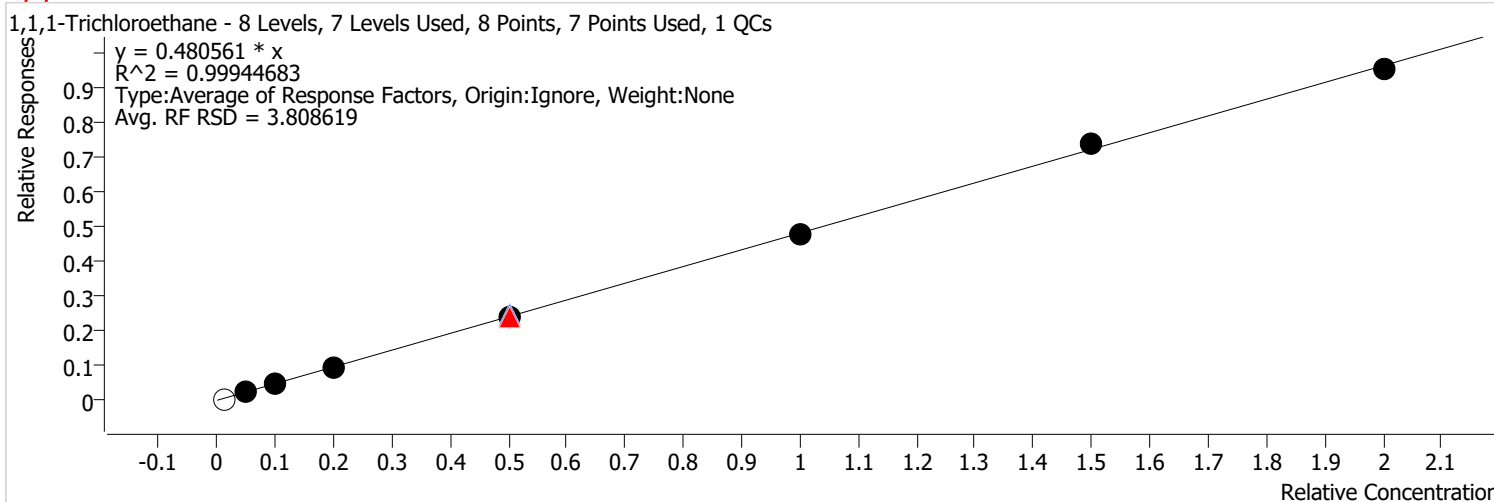


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	5303	2.5000	0.5374	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	25738	12.5000	0.5311	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	49831	25.0000	0.4972	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	95698	50.0000	0.4678	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	256634	125.0000	0.4888	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	255850	125.0000	0.4801	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	255850	125.0000	0.4801	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	527346	250.0000	0.4893	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	772072	375.0000	0.4855	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1035233	500.0000	0.4765	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,1,1-Trichloroethane %RSE = 3.8**



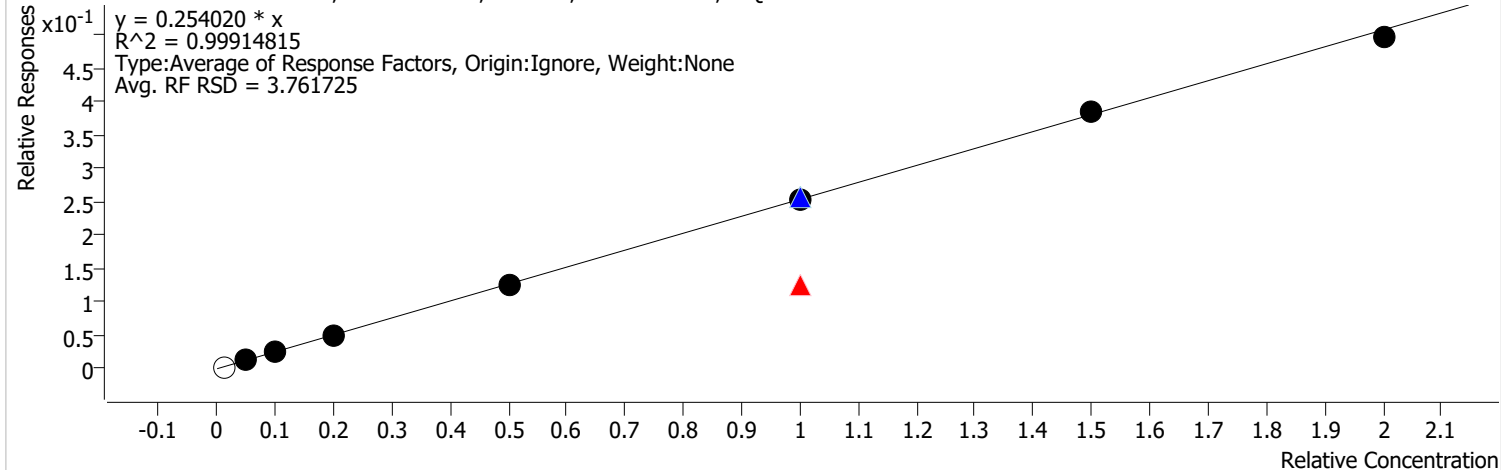
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		4273	2.5000	0.4330	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	24866	12.5000	0.5131	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	47799	25.0000	0.4770	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	92678	50.0000	0.4530	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	261205	125.0000	0.4975	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	253365	125.0000	0.4754	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	253365	125.0000	0.4754	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	516713	250.0000	0.4795	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	781251	375.0000	0.4913	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1031098	500.0000	0.4746	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Dibromofluoromethane %RSE =**

Dibromofluoromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



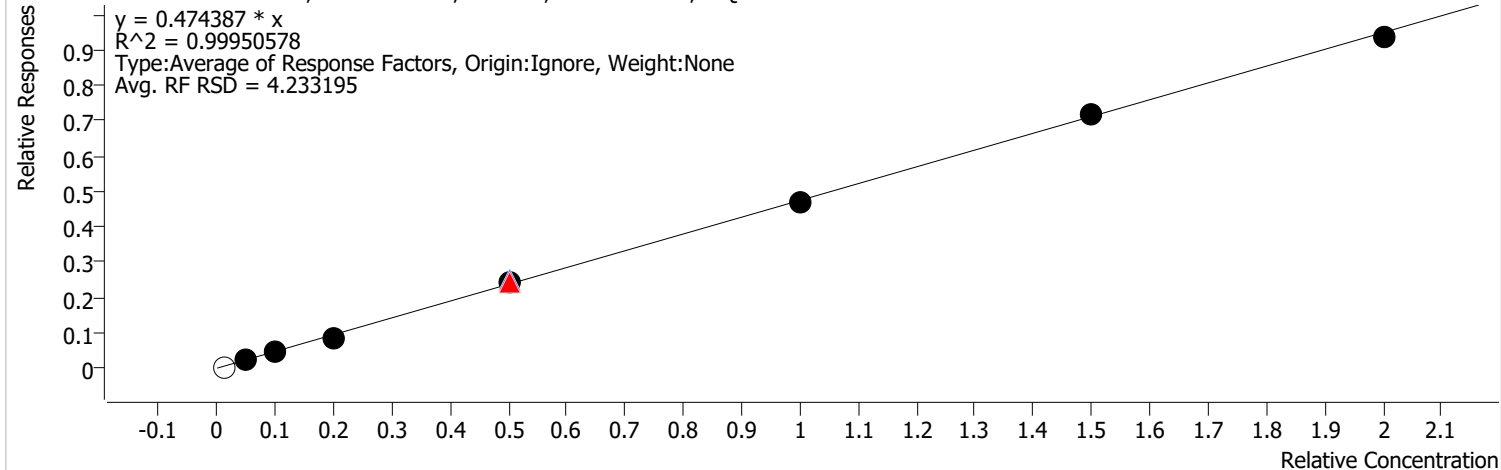
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2835	2.5000	0.2873	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	13132	12.5000	0.2710	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25604	25.0000	0.2555	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	49060	50.0000	0.2398	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	134124	125.0000	0.2517	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	270286	250.0000	0.2574	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	274056	250.0000	0.2543	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	134124	250.0000	0.1258	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	410004	375.0000	0.2578	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	538853	500.0000	0.2480	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Carbon tetrachloride %RSE = 4.2**

Carbon tetrachloride - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



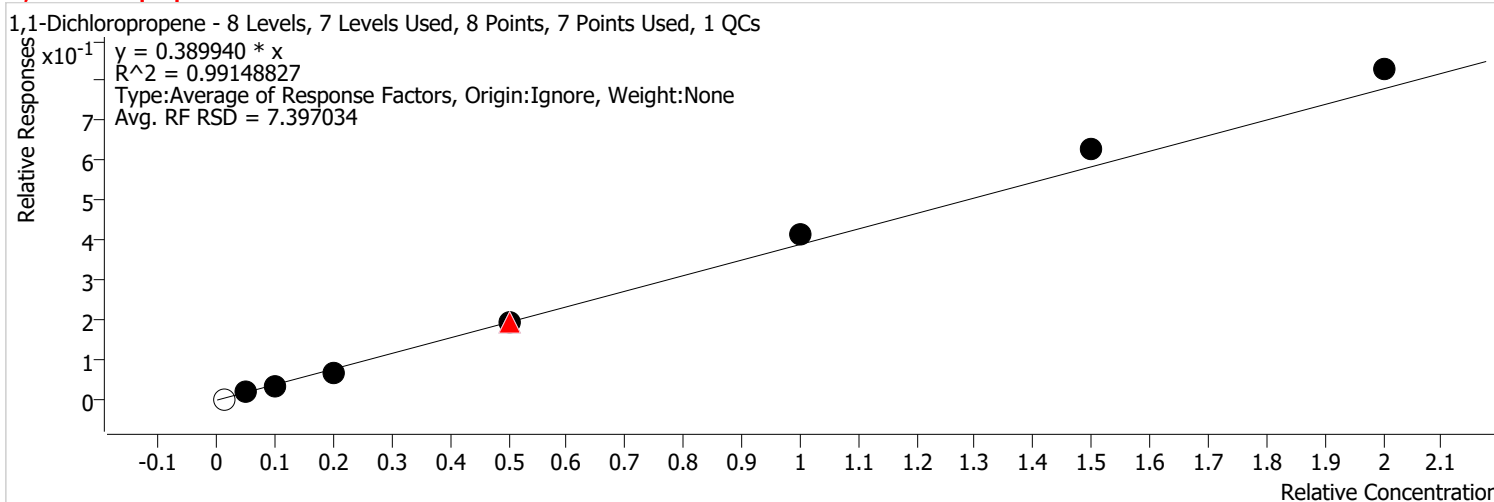
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3813	2.5000	0.3864	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	24515	12.5000	0.5059	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	47724	25.0000	0.4762	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	89705	50.0000	0.4385	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	259770	125.0000	0.4947	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	255969	125.0000	0.4803	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	255969	125.0000	0.4803	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	508917	250.0000	0.4722	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	764333	375.0000	0.4807	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1014340	500.0000	0.4669	



# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,1-Dichloropropene %RSE = 7.4**

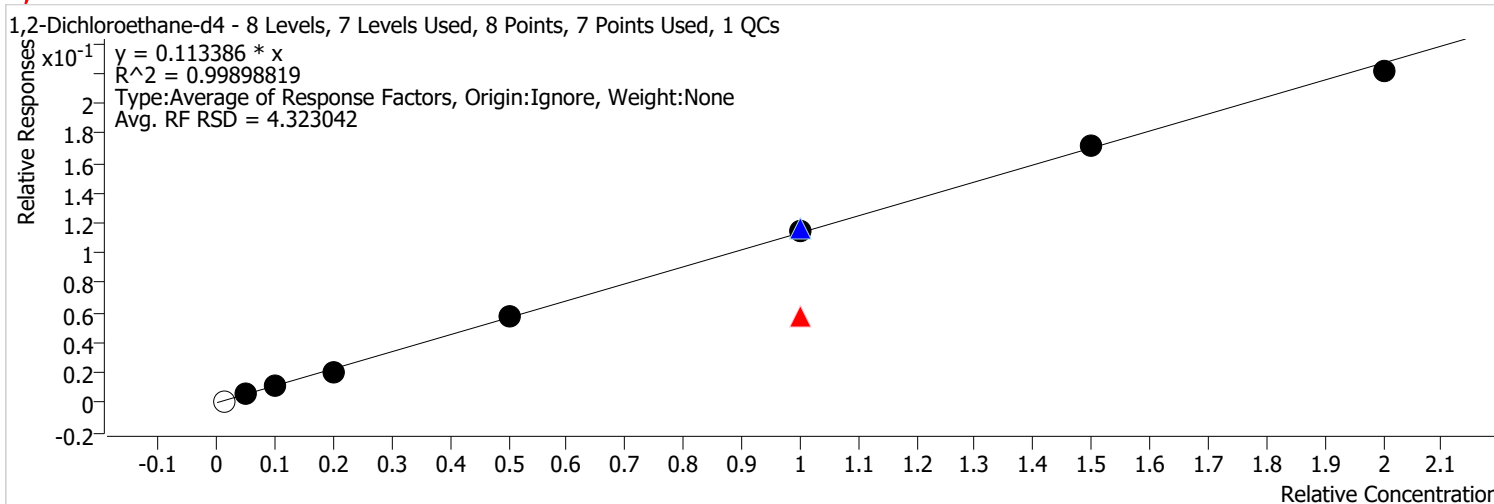


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3158	2.5000	0.3200	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	18589	12.5000	0.3836	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	36238	25.0000	0.3616	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	70675	50.0000	0.3455	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	202406	125.0000	0.3855	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	207371	125.0000	0.3891	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	207371	125.0000	0.3891	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	446584	250.0000	0.4144	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	670247	375.0000	0.4215	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	899188	500.0000	0.4139	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,2-Dichloroethane-d4 %RSE =**



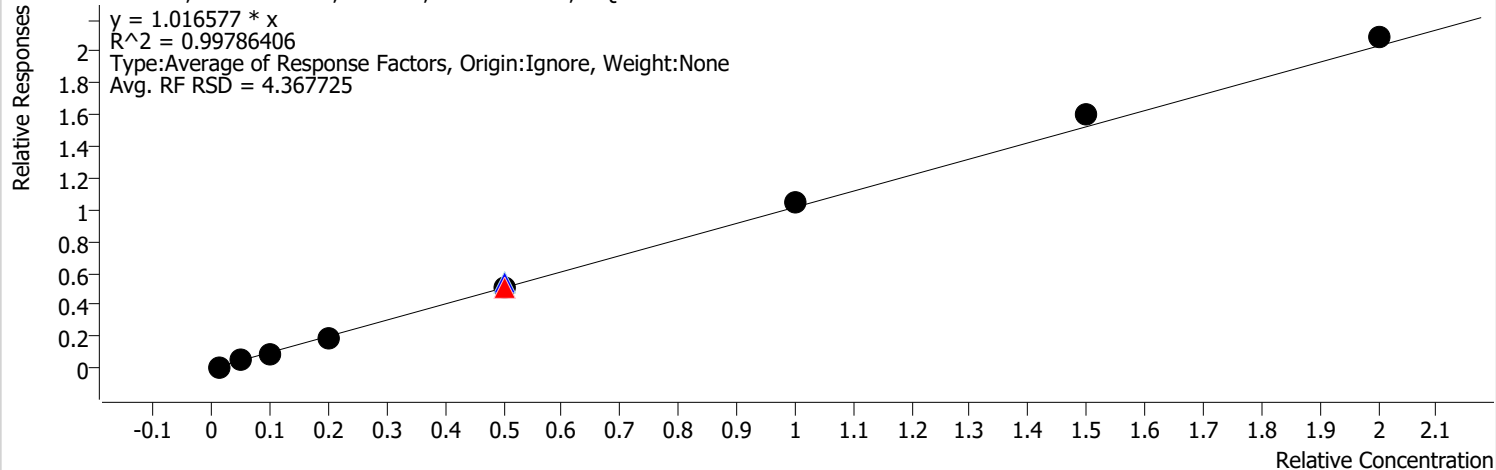
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1192	2.5000	0.1208	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	5526	12.5000	0.1140	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	12174	25.0000	0.1215	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	21526	50.0000	0.1052	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	60613	125.0000	0.1137	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	121608	250.0000	0.1158	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	122656	250.0000	0.1138	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	60613	250.0000	0.0569	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	182831	375.0000	0.1150	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	239934	500.0000	0.1104	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Benzene %RSE = 4.4**

Benzene - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

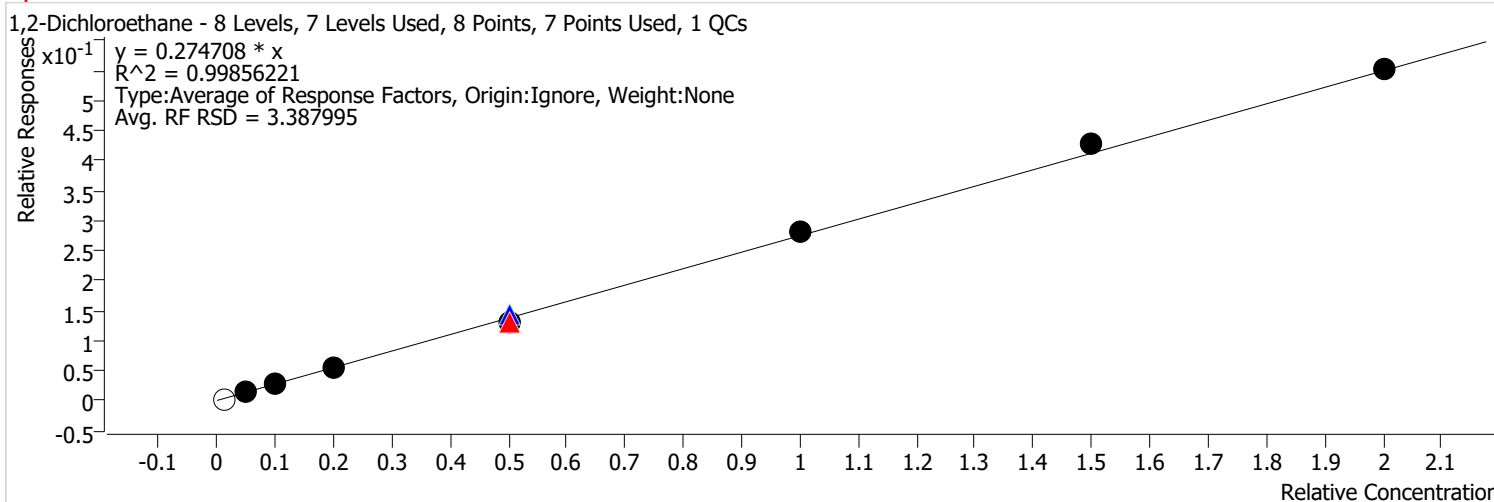


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	10018	2.5000	1.0152	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	49508	12.5000	1.0216	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	97035	25.0000	0.9683	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	191010	50.0000	0.9336	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	571259	125.0000	1.0880	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	551144	125.0000	1.0342	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	551144	125.0000	1.0342	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	1135476	250.0000	1.0536	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	1691047	375.0000	1.0635	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	2264996	500.0000	1.0426	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,2-Dichloroethane %RSE = 3.4**

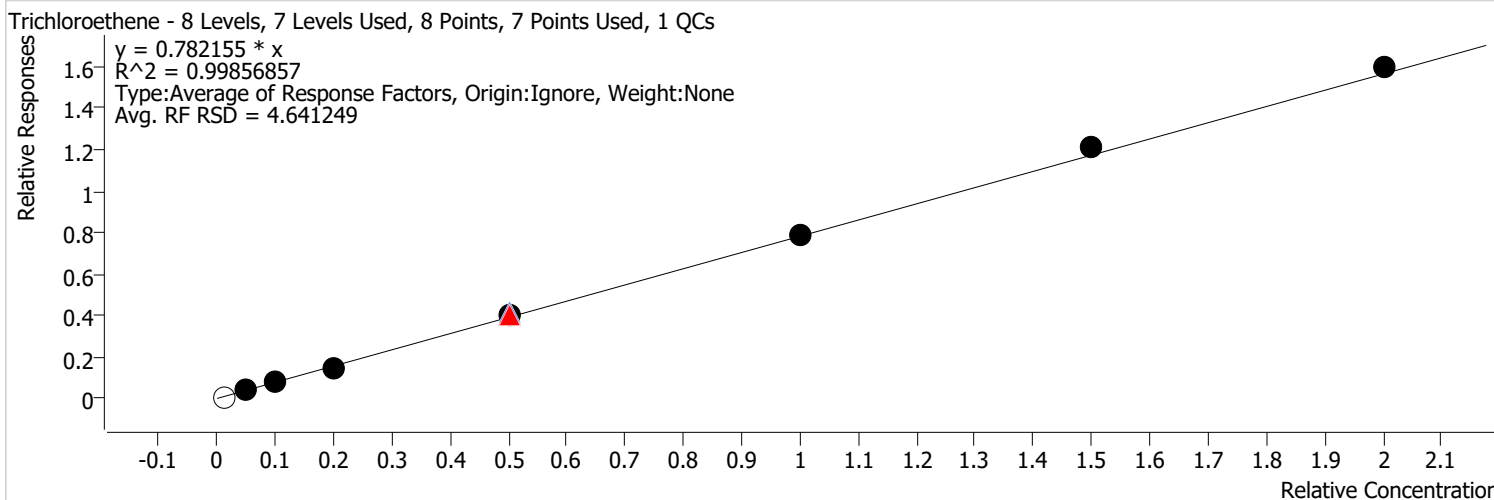


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2717	2.5000	0.2753	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	13605	12.5000	0.2807	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	27273	25.0000	0.2721	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	54297	50.0000	0.2654	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	151978	125.0000	0.2894	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	138818	125.0000	0.2605	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	138818	125.0000	0.2605	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	305063	250.0000	0.2831	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	454047	375.0000	0.2855	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	598635	500.0000	0.2756	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:09:59 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Trichloroethene %RSE = 4.6**



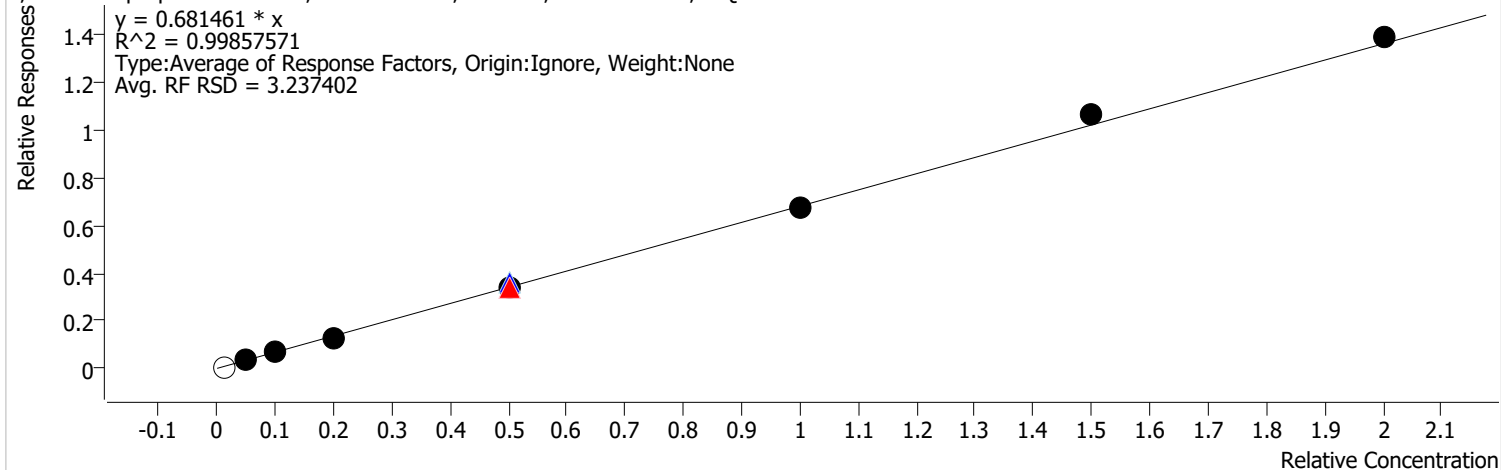
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3071	2.5000	0.7965	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	15373	12.5000	0.7993	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	30250	25.0000	0.7731	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	55125	50.0000	0.7046	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	165935	125.0000	0.8211	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	162270	125.0000	0.8021	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	162270	125.0000	0.8021	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	326604	250.0000	0.7874	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	492747	375.0000	0.8116	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	665015	500.0000	0.7971	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,2-Dichloropropane %RSE = 3.2**

1,2-Dichloropropane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



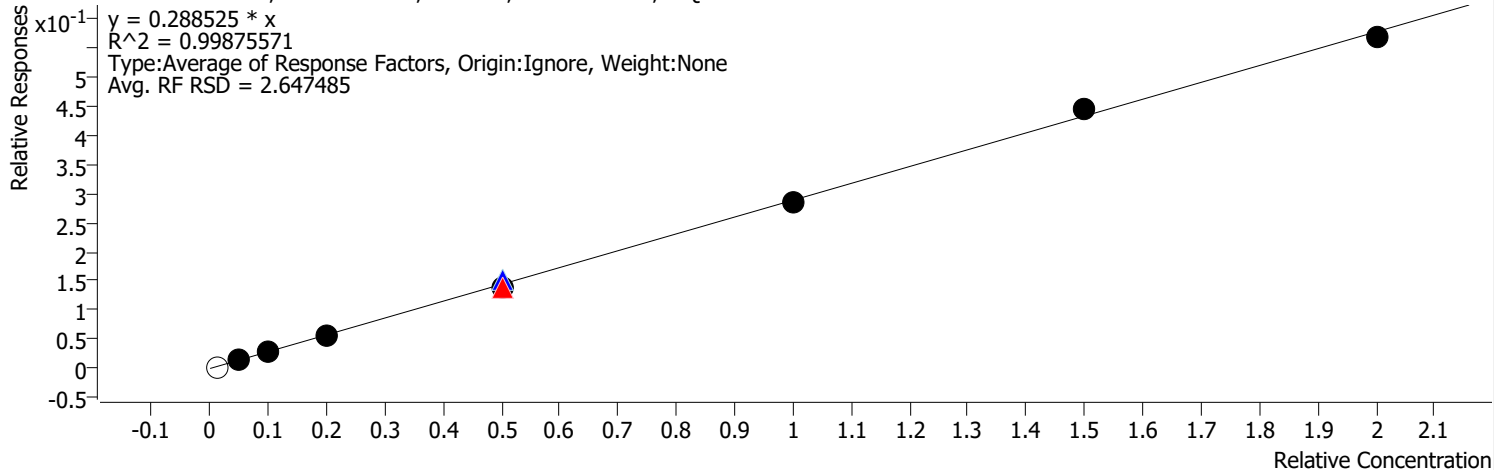
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2542	2.5000	0.6593	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	13469	12.5000	0.7003	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25397	25.0000	0.6491	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	51440	50.0000	0.6575	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	143829	125.0000	0.7117	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	137506	125.0000	0.6797	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	137506	125.0000	0.6797	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	282187	250.0000	0.6803	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	430689	375.0000	0.7094	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	579052	500.0000	0.6941	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:00 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**Dibromomethane %RSE = 2.6**

Dibromomethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



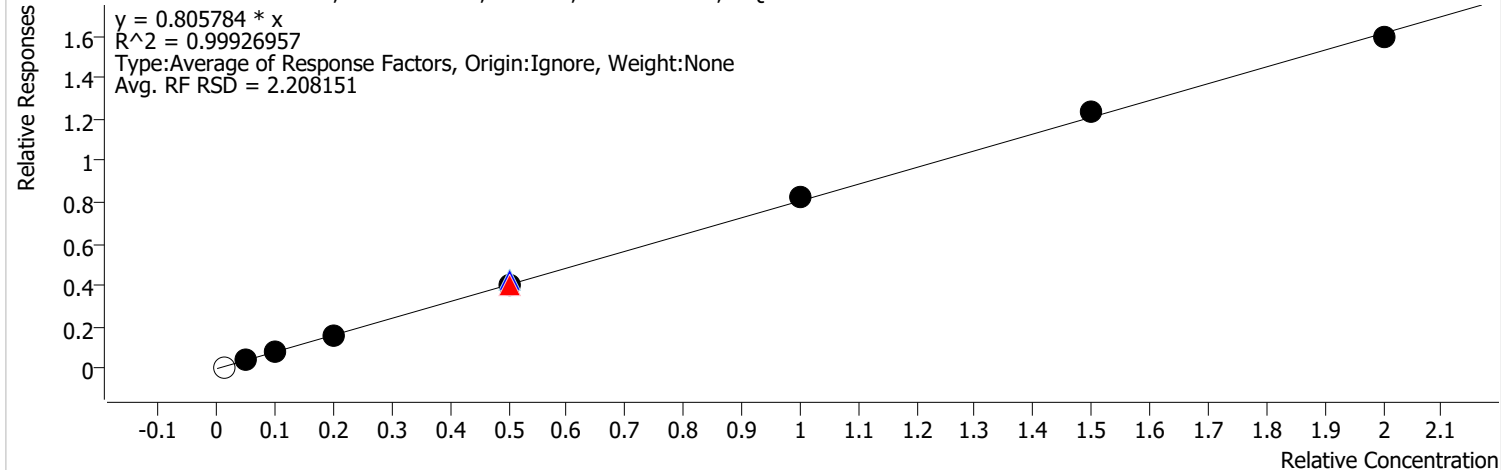
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1116	2.5000	0.2894	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	5485	12.5000	0.2852	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	11685	25.0000	0.2986	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	22813	50.0000	0.2916	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	61842	125.0000	0.3060	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	56497	125.0000	0.2793	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	56497	125.0000	0.2793	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	117630	250.0000	0.2836	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	180964	375.0000	0.2981	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	236430	500.0000	0.2834	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Bromodichloromethane %RSE = 2.2**

Bromodichloromethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3316	2.5000	0.8600	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	15143	12.5000	0.7873	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	32039	25.0000	0.8188	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	61123	50.0000	0.7812	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	171168	125.0000	0.8470	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	164080	125.0000	0.8110	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	164080	125.0000	0.8110	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	340614	250.0000	0.8212	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	501446	375.0000	0.8259	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	663286	500.0000	0.7950	

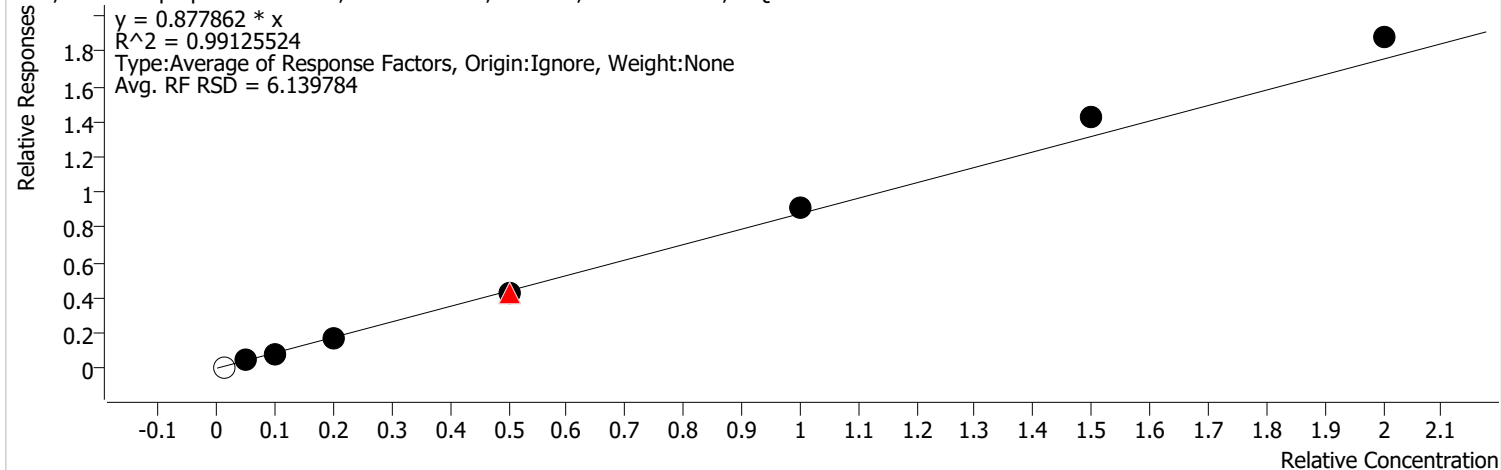


# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**cis-1,3-Dichloropropene %RSE = 6.1**

cis-1,3-Dichloropropene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

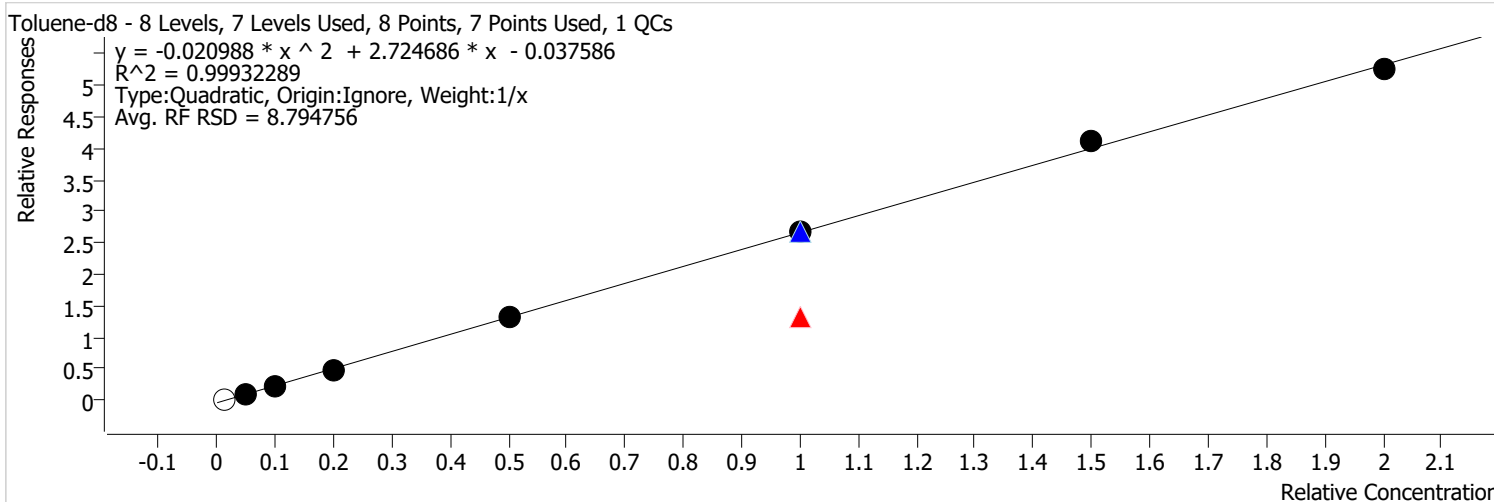


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2995	2.5000	0.7768	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	16284	12.5000	0.8466	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	32287	25.0000	0.8252	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	64001	50.0000	0.8180	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	174151	125.0000	0.8617	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	173700	125.0000	0.8586	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	173700	125.0000	0.8586	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	377081	250.0000	0.9091	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	576241	375.0000	0.9491	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	782960	500.0000	0.9385	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:00 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**Toluene-d8 %RSE =**

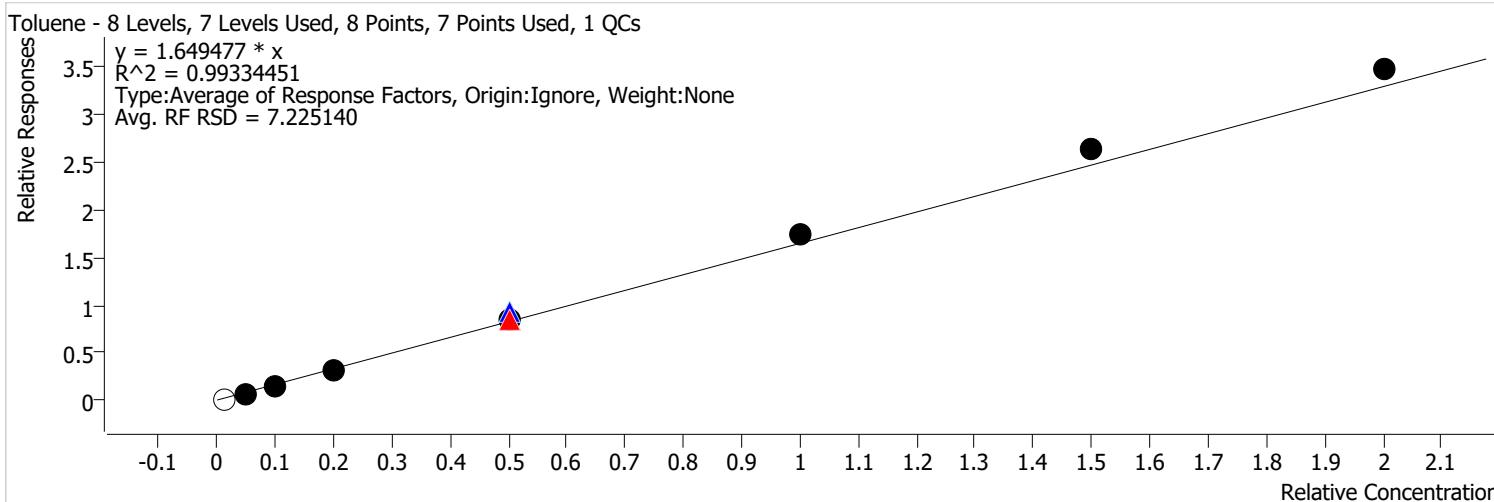


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		9666	2.5000	2.5069	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	42126	12.5000	2.1902	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	89442	25.0000	2.2858	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	182860	50.0000	2.3372	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	533281	125.0000	2.6359	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	1084853	250.0000	2.6841	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	1111325	250.0000	2.6794	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	533281	250.0000	1.3179	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	1660218	375.0000	2.7344	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	2190448	500.0000	2.6255	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Toluene %RSE = 7.2**

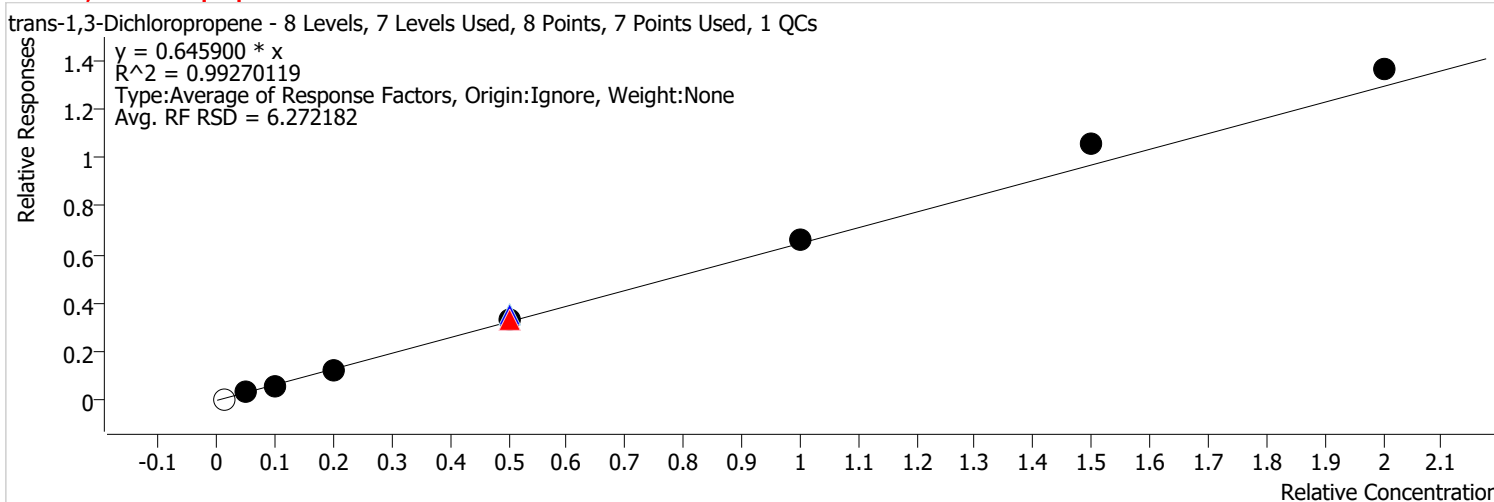


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		5129	2.5000	1.3302	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	28488	12.5000	1.4811	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	59228	25.0000	1.5137	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	124252	50.0000	1.5881	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	374091	125.0000	1.8511	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	346733	125.0000	1.7138	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	346733	125.0000	1.7138	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	725596	250.0000	1.7494	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	1069970	375.0000	1.7623	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1449967	500.0000	1.7379	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:00 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**trans-1,3-Dichloropropene %RSE = 6.3**

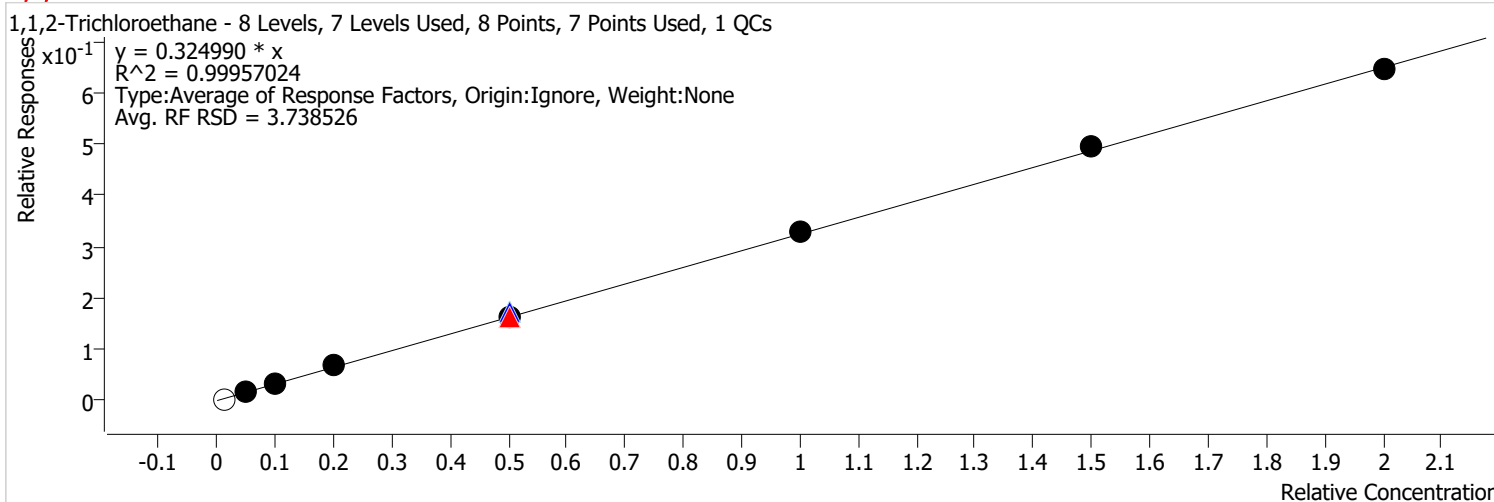


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2439	2.5000	0.6327	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	11681	12.5000	0.6073	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	23155	25.0000	0.5918	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	48475	50.0000	0.6196	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	143451	125.0000	0.7098	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	132503	125.0000	0.6549	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	132503	125.0000	0.6549	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	276356	250.0000	0.6663	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	425753	375.0000	0.7012	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	567494	500.0000	0.6802	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,1,2-Trichloroethane %RSE = 3.7**

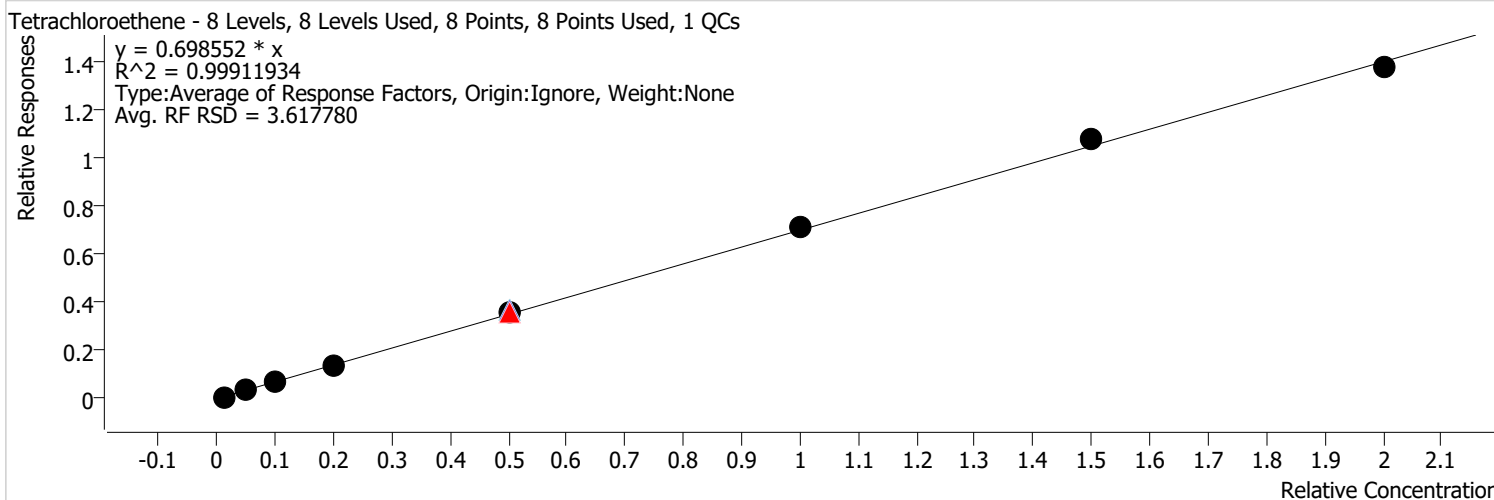


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1355	2.5000	0.3515	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	5809	12.5000	0.3020	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	12649	25.0000	0.3233	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	26761	50.0000	0.3420	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	70831	125.0000	0.3505	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	65757	125.0000	0.3250	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	65757	125.0000	0.3250	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	135915	250.0000	0.3277	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	201690	375.0000	0.3322	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	269231	500.0000	0.3227	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Tetrachloroethene %RSE = 3.6**

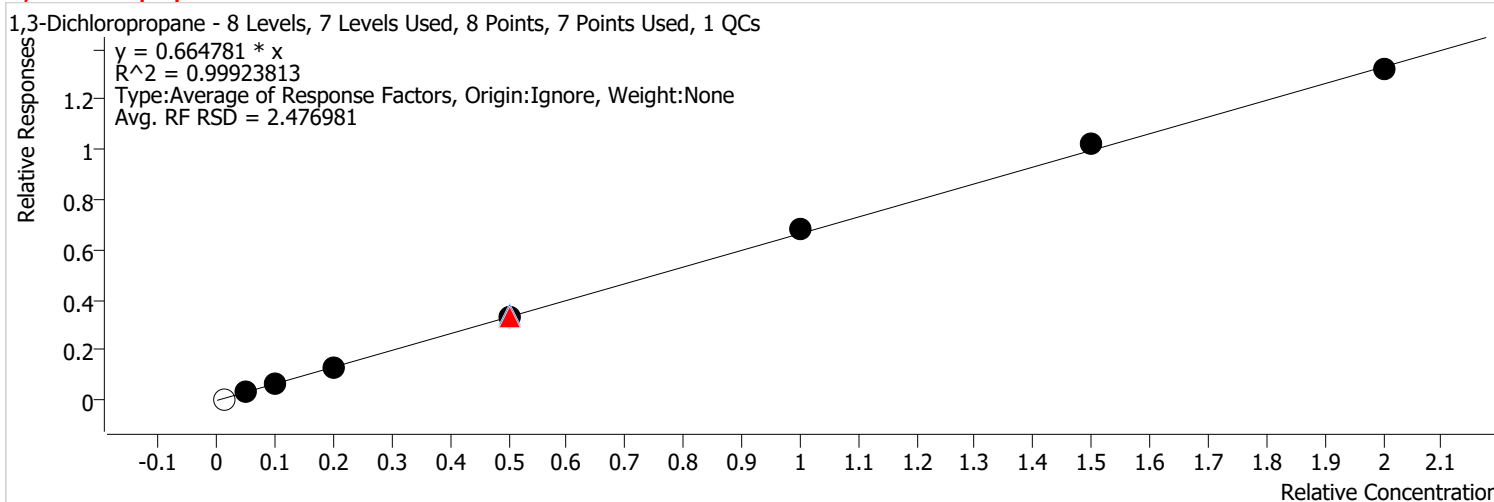


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	2814	2.5000	0.7298	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	13420	12.5000	0.6977	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25872	25.0000	0.6612	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	52218	50.0000	0.6674	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	149059	125.0000	0.7376	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	146026	125.0000	0.7218	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	146026	125.0000	0.7218	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	293221	250.0000	0.7069	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	435649	375.0000	0.7175	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	572328	500.0000	0.6860	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,3-Dichloropropane %RSE = 2.5**



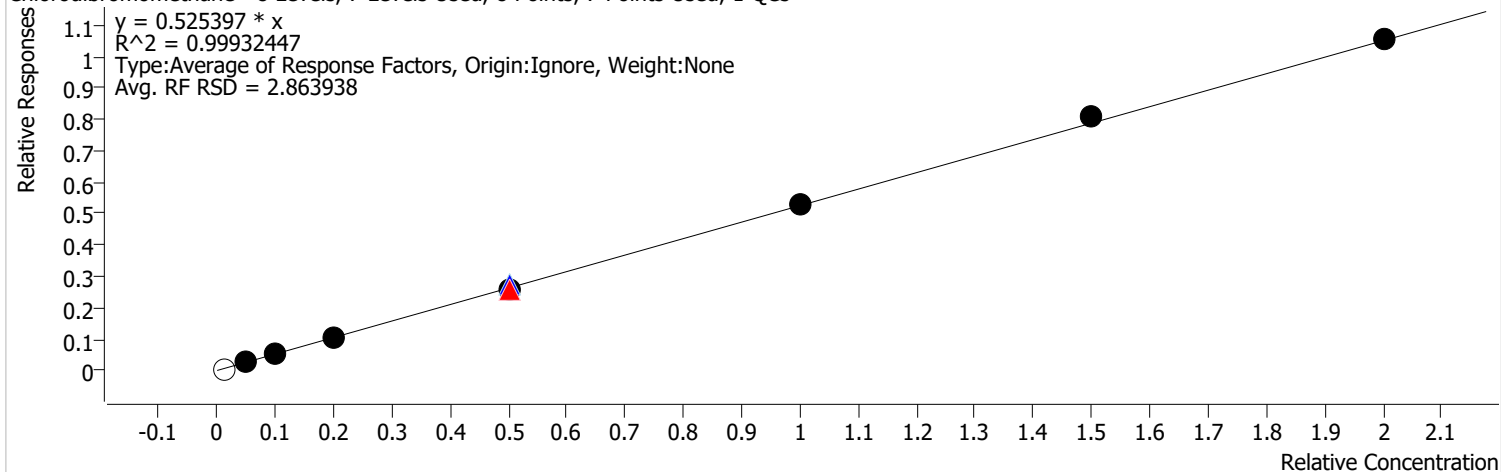
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2437	2.5000	0.6321	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	12803	12.5000	0.6656	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25686	25.0000	0.6565	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	49702	50.0000	0.6353	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	138293	125.0000	0.6843	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	136327	125.0000	0.6738	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	136327	125.0000	0.6738	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	282054	250.0000	0.6800	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	414791	375.0000	0.6832	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	549870	500.0000	0.6591	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:00 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Chlorodibromomethane %RSE = 2.9**

Chlorodibromomethane - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



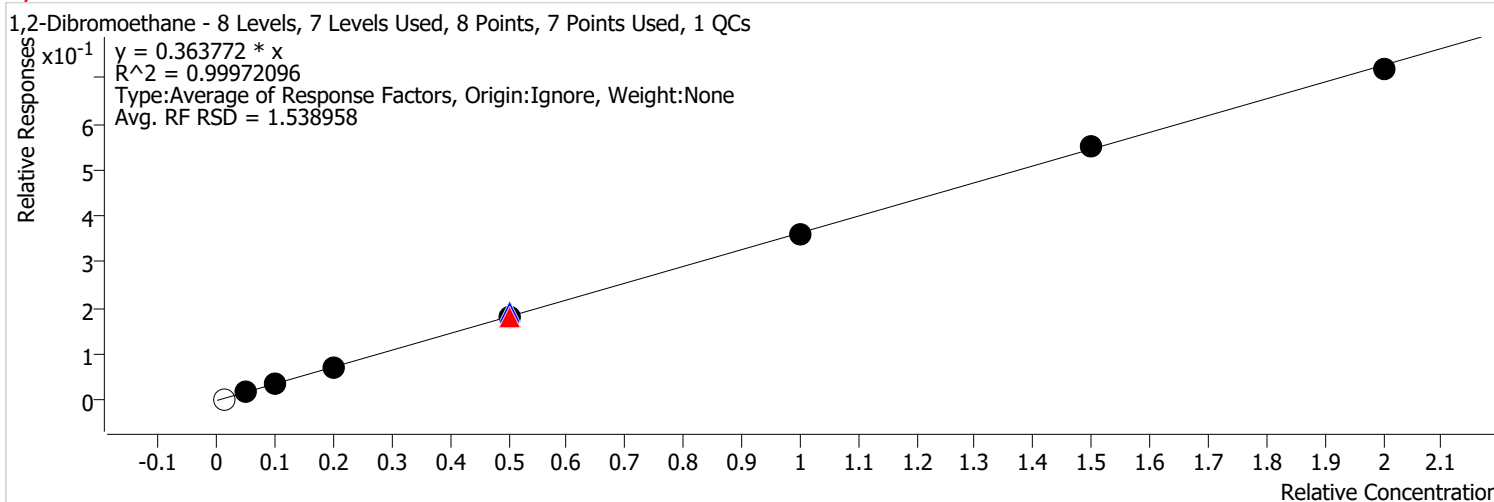
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2068	2.5000	0.5364	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	10461	12.5000	0.5439	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	19635	25.0000	0.5018	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	40345	50.0000	0.5157	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	110200	125.0000	0.5453	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	104633	125.0000	0.5172	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	104633	125.0000	0.5172	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	220148	250.0000	0.5308	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	328923	375.0000	0.5417	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	439454	500.0000	0.5267	



# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:00 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**1,2-Dibromoethane %RSE = 1.5**



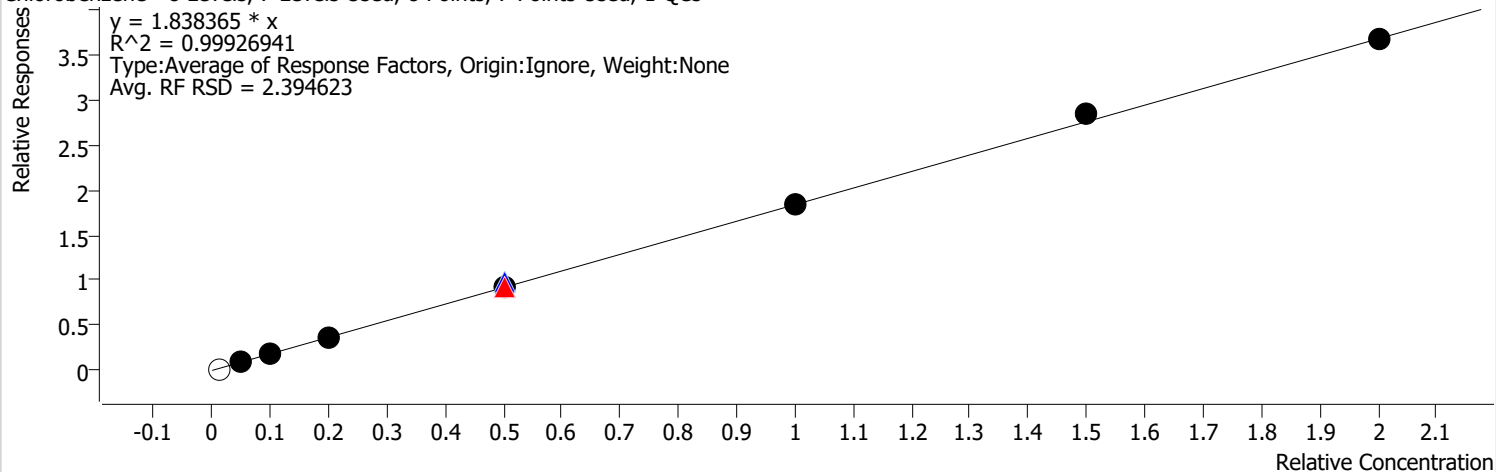
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1374	2.5000	0.3563	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	7100	12.5000	0.3691	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	14543	25.0000	0.3717	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	27905	50.0000	0.3567	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	77659	125.0000	0.3843	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	72905	125.0000	0.3604	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	72905	125.0000	0.3604	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	150532	250.0000	0.3629	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	222739	375.0000	0.3669	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	299357	500.0000	0.3588	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:01 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Chlorobenzene %RSE = 2.4**

Chlorobenzene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

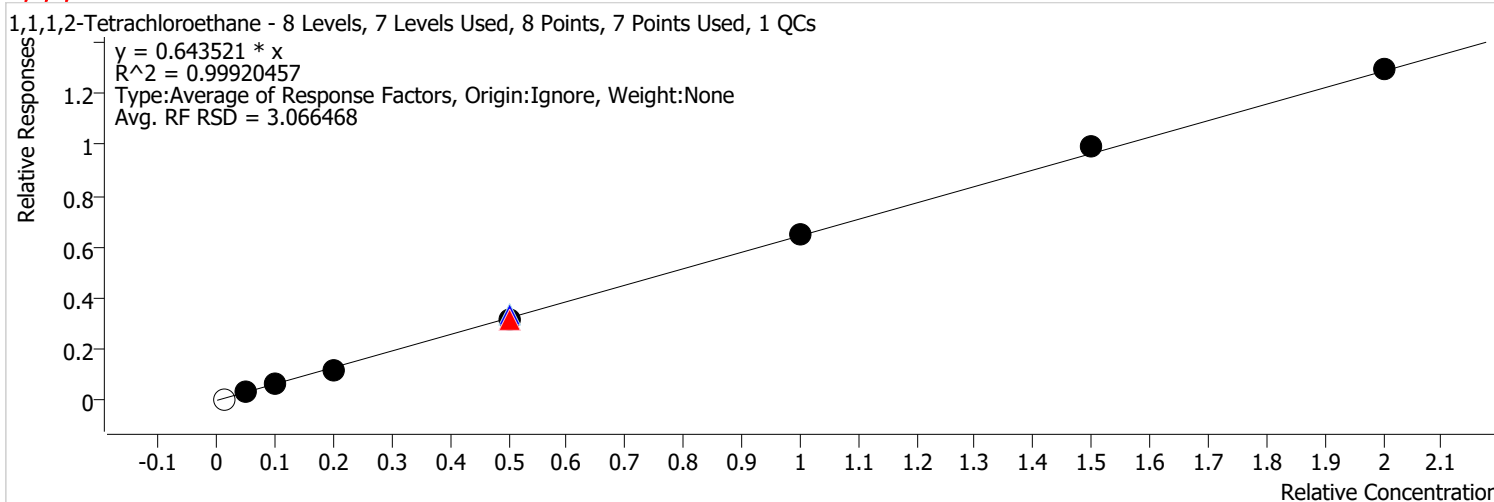


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		7049	2.5000	1.8282	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	35735	12.5000	1.8579	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	69663	25.0000	1.7804	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	139438	50.0000	1.7822	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	401876	125.0000	1.9886	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	378404	125.0000	1.8704	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	378404	125.0000	1.8704	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	765991	250.0000	1.8468	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	1152588	375.0000	1.8983	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1528929	500.0000	1.8326	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:01 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**1,1,1,2-Tetrachloroethane %RSE = 3.1**



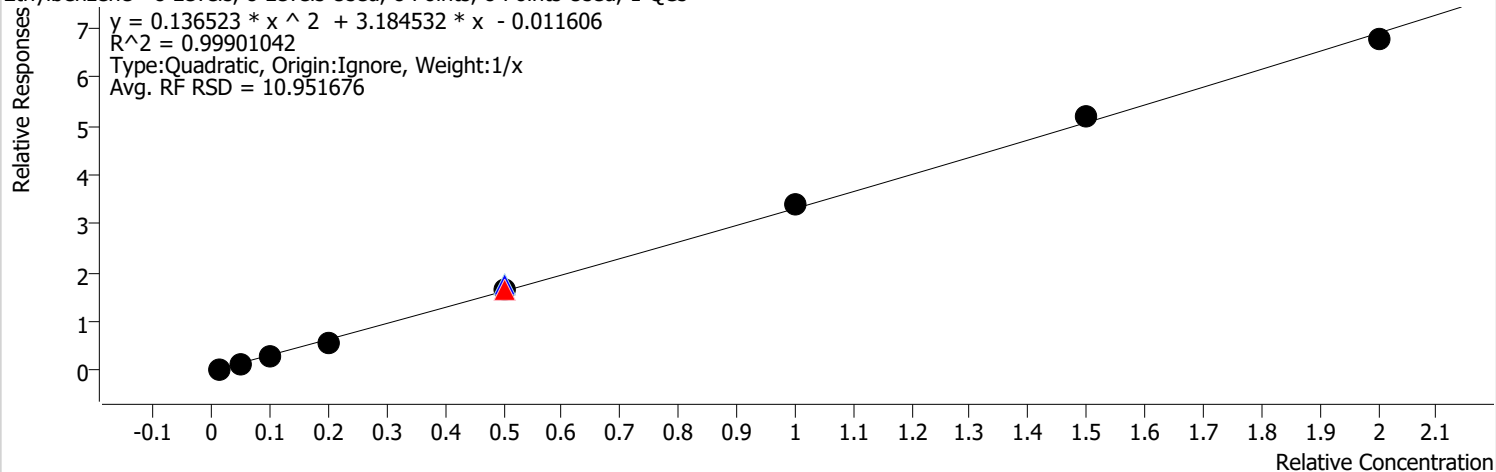
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2292	2.5000	0.5944	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	12750	12.5000	0.6629	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25140	25.0000	0.6425	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	47388	50.0000	0.6057	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	137914	125.0000	0.6824	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	128909	125.0000	0.6372	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	128909	125.0000	0.6372	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	267390	250.0000	0.6447	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	404000	375.0000	0.6654	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	539241	500.0000	0.6463	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:01 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**Ethylbenzene %RSE = 9.7**

Ethylbenzene - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

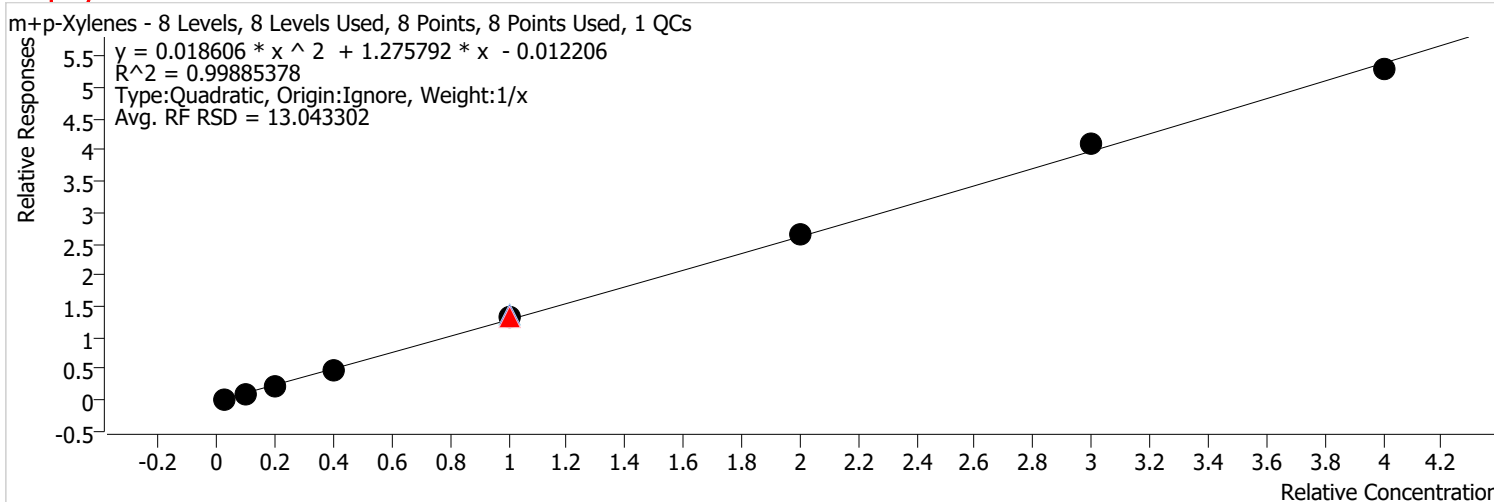


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	9912	2.5000	2.5707	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	54739	12.5000	2.8460	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	110892	25.0000	2.8340	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	223198	50.0000	2.8528	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	706132	125.0000	3.4941	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	657972	125.0000	3.2522	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	657972	125.0000	3.2522	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	1400448	250.0000	3.3764	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	2111220	375.0000	3.4772	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	2822854	500.0000	3.3835	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:01 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**m+p-Xylenes %RSE = 12.2**



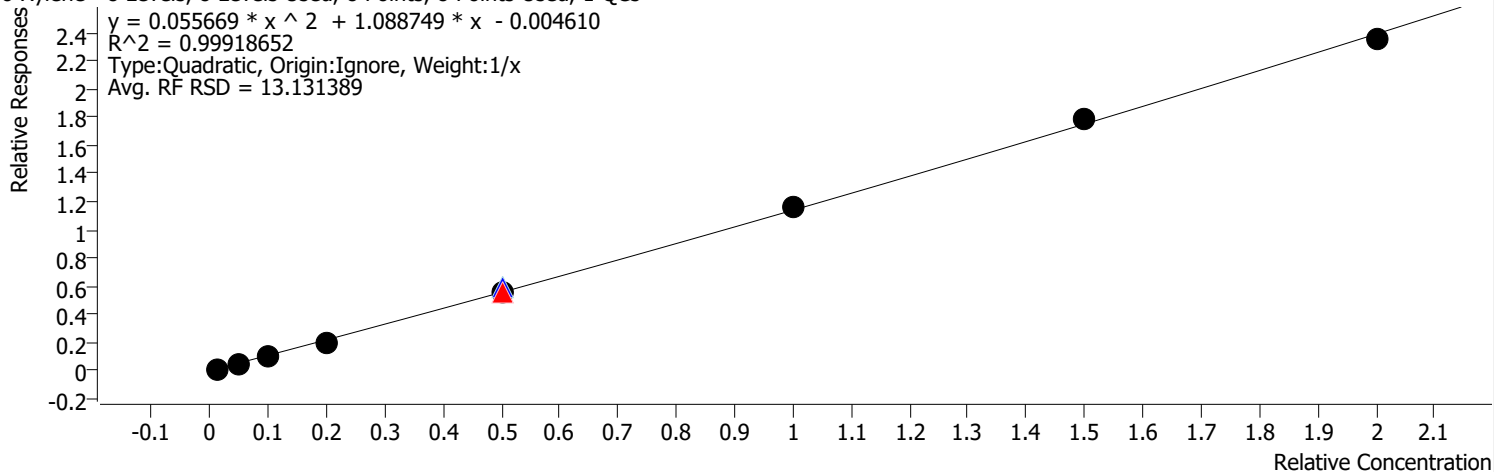
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	7306	5.0000	0.9474	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	40825	25.0000	1.0613	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	85101	50.0000	1.0875	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	177752	100.0000	1.1360	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	547384	250.0000	1.3543	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	530390	250.0000	1.3108	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	530390	250.0000	1.3108	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	1101974	500.0000	1.3284	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	1656669	750.0000	1.3643	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	2204020	1000.0000	1.3209	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:01 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**o-Xylene %RSE = 10.1**

o-Xylene - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 1 QCs

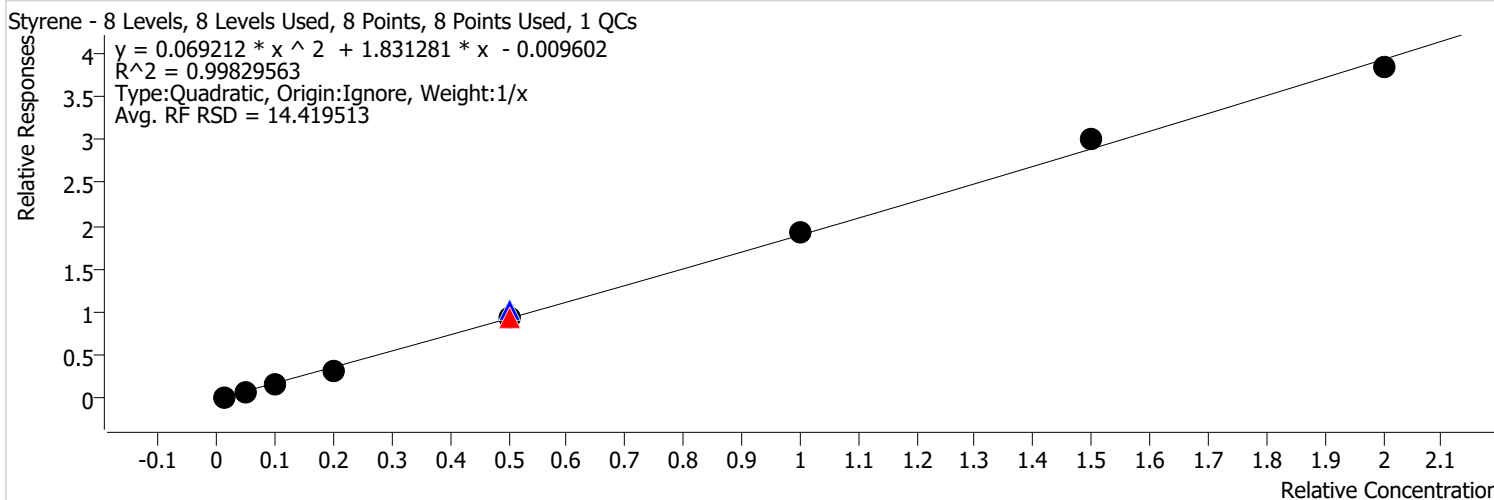


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	3188	2.5000	0.8268	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	17447	12.5000	0.9071	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	39176	25.0000	1.0012	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	76653	50.0000	0.9797	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	242000	125.0000	1.1975	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	225955	125.0000	1.1168	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	225955	125.0000	1.1168	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	481170	250.0000	1.1601	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	727310	375.0000	1.1979	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	982061	500.0000	1.1771	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:01 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**Styrene %RSE = 15.6**



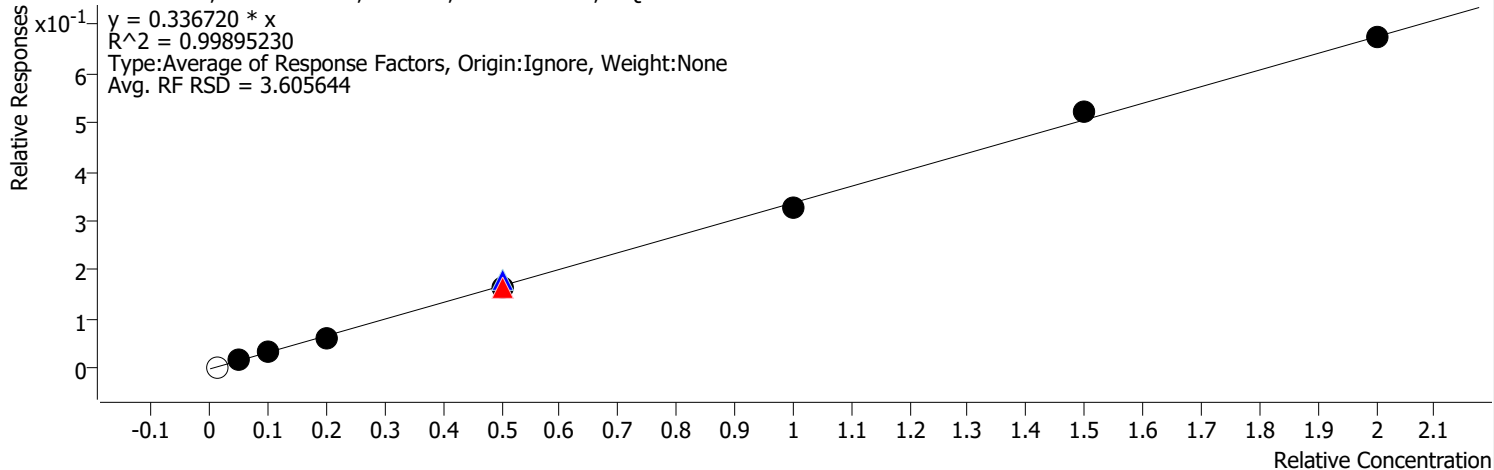
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	5372	2.5000	1.3933	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	27945	12.5000	1.4529	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	58603	25.0000	1.4977	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	126060	50.0000	1.6112	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	409016	125.0000	2.0239	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	380735	125.0000	1.8819	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	380735	125.0000	1.8819	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	803179	250.0000	1.9364	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	1211127	375.0000	1.9948	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1599133	500.0000	1.9167	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:01 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**Bromoform %RSE = 3.6**

Bromoform - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1238	2.5000	0.4209	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	5269	12.5000	0.3464	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	11309	25.0000	0.3519	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	21384	50.0000	0.3219	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	62459	125.0000	0.3617	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	56086	125.0000	0.3253	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	56086	125.0000	0.3253	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	115553	250.0000	0.3278	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	180850	375.0000	0.3481	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	233715	500.0000	0.3357	

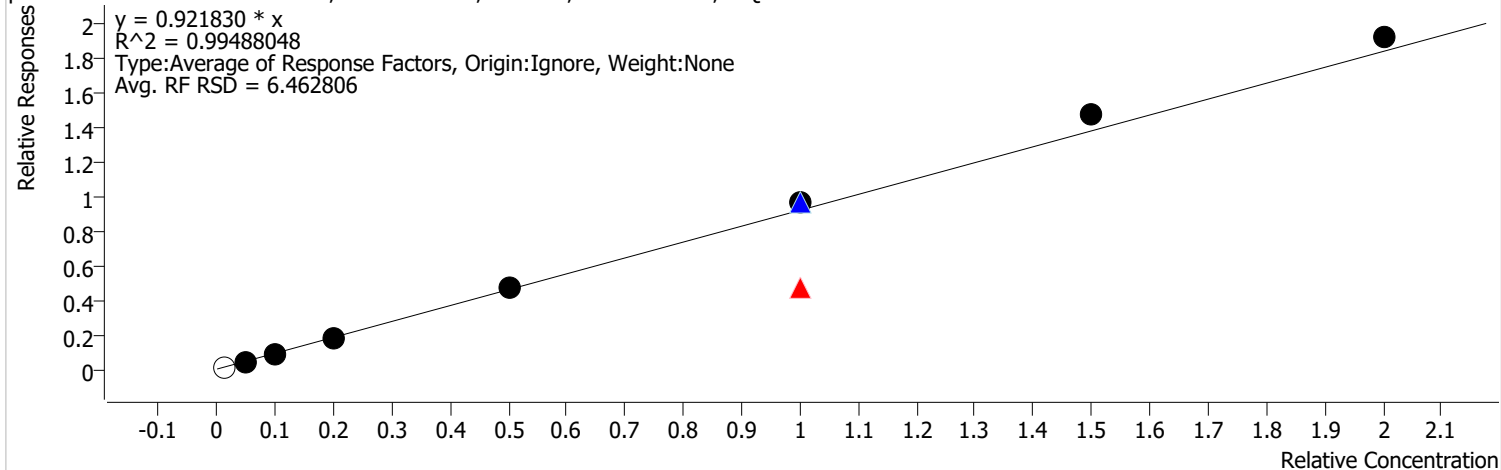


# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:01 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**p-Bromofluorobenzene %RSE =**

p-Bromofluorobenzene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs



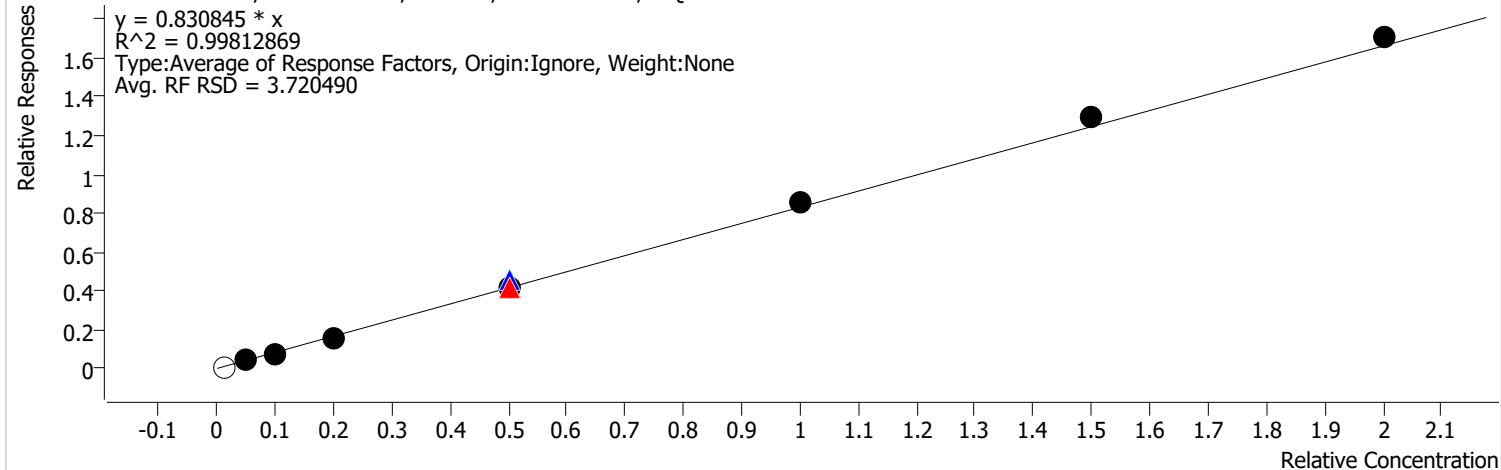
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		3853	2.5000	1.3101	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	13966	12.5000	0.9181	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	26292	25.0000	0.8182	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	57556	50.0000	0.8664	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	162702	125.0000	0.9437	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	333442	250.0000	0.9655	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	338763	250.0000	0.9609	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	162702	250.0000	0.4718	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	511377	375.0000	0.9843	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	669271	500.0000	0.9613	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:01 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**Bromobenzene %RSE = 3.7**

Bromobenzene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

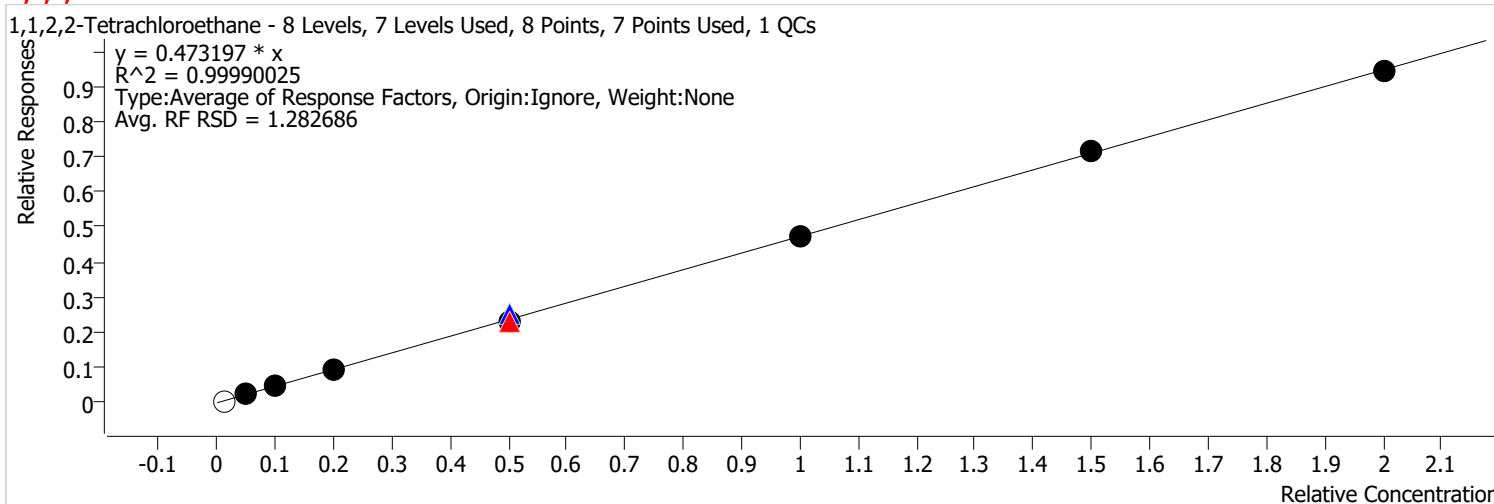


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		2460	2.5000	0.8364	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	12631	12.5000	0.8303	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25075	25.0000	0.7803	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	53142	50.0000	0.7999	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	155941	125.0000	0.9031	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	143478	125.0000	0.8322	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	143478	125.0000	0.8322	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	303099	250.0000	0.8598	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	447616	375.0000	0.8615	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	593083	500.0000	0.8519	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:01 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,1,2,2-Tetrachloroethane %RSE = 1.3**

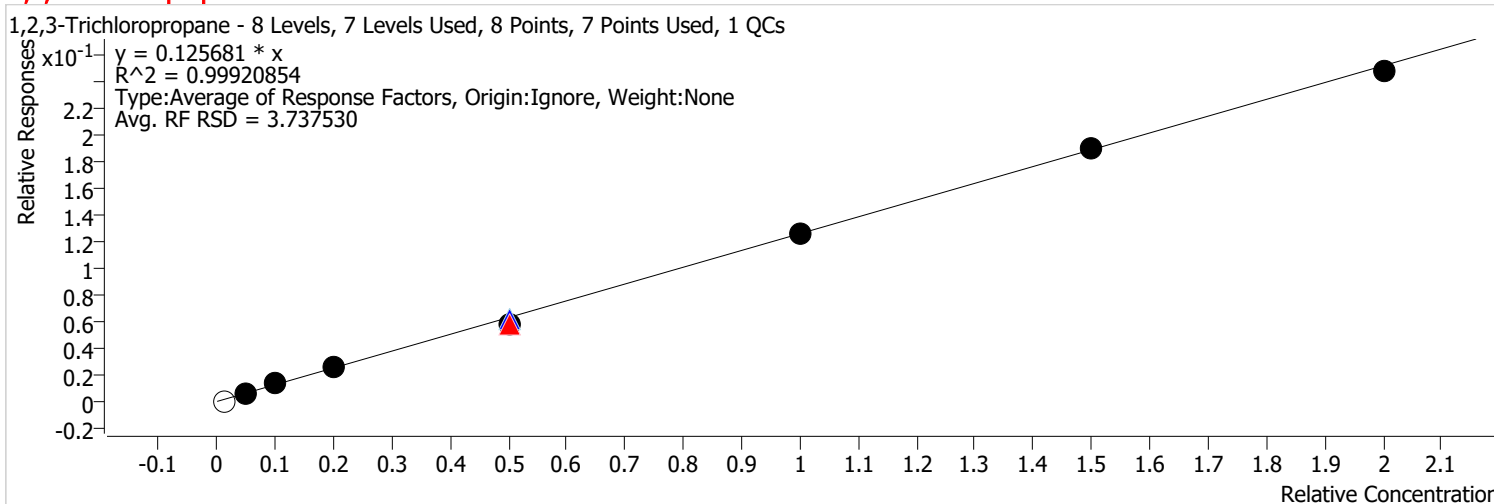


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1654	2.5000	0.5624	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	7347	12.5000	0.4830	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	15259	25.0000	0.4748	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	31340	50.0000	0.4718	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	87773	125.0000	0.5083	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	79827	125.0000	0.4630	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	79827	125.0000	0.4630	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	166768	250.0000	0.4731	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	247452	375.0000	0.4763	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	327558	500.0000	0.4705	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:01 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,2,3-Trichloropropane %RSE = 3.7**



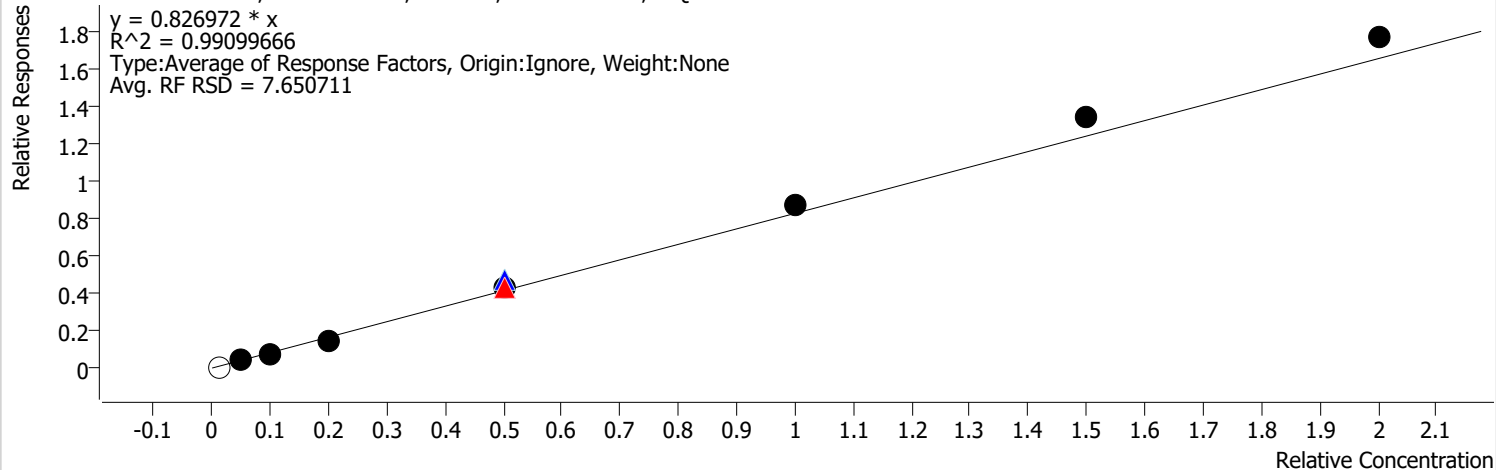
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		140	2.5000	0.0476	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	1965	12.5000	0.1292	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	4226	25.0000	0.1315	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	8436	50.0000	0.1270	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	21329	125.0000	0.1235	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	20143	125.0000	0.1168	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	20143	125.0000	0.1168	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	44177	250.0000	0.1253	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	65738	375.0000	0.1265	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	85917	500.0000	0.1234	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:01 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**2-Chlorotoluene %RSE = 7.7**

2-Chlorotoluene - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 1 QCs

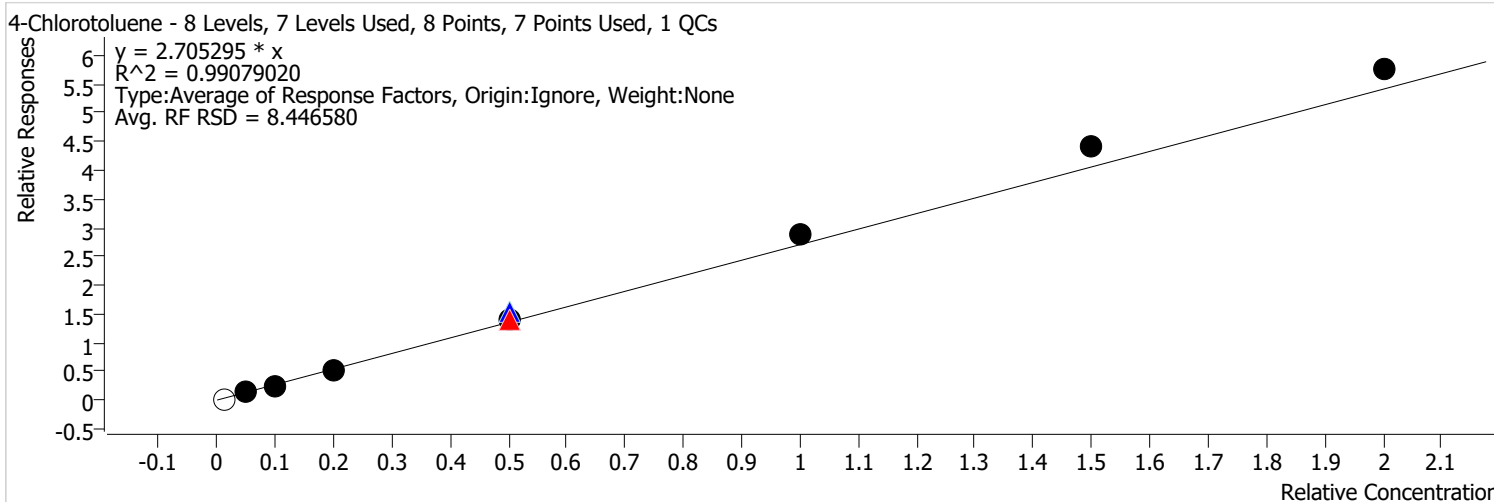


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		1999	2.5000	0.6798	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	11659	12.5000	0.7664	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	25072	25.0000	0.7802	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	49068	50.0000	0.7386	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	160791	125.0000	0.9311	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	147552	125.0000	0.8558	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	147552	125.0000	0.8558	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	307199	250.0000	0.8714	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	464319	375.0000	0.8937	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	614521	500.0000	0.8827	

# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:01 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

**4-Chlorotoluene %RSE = 8.4**

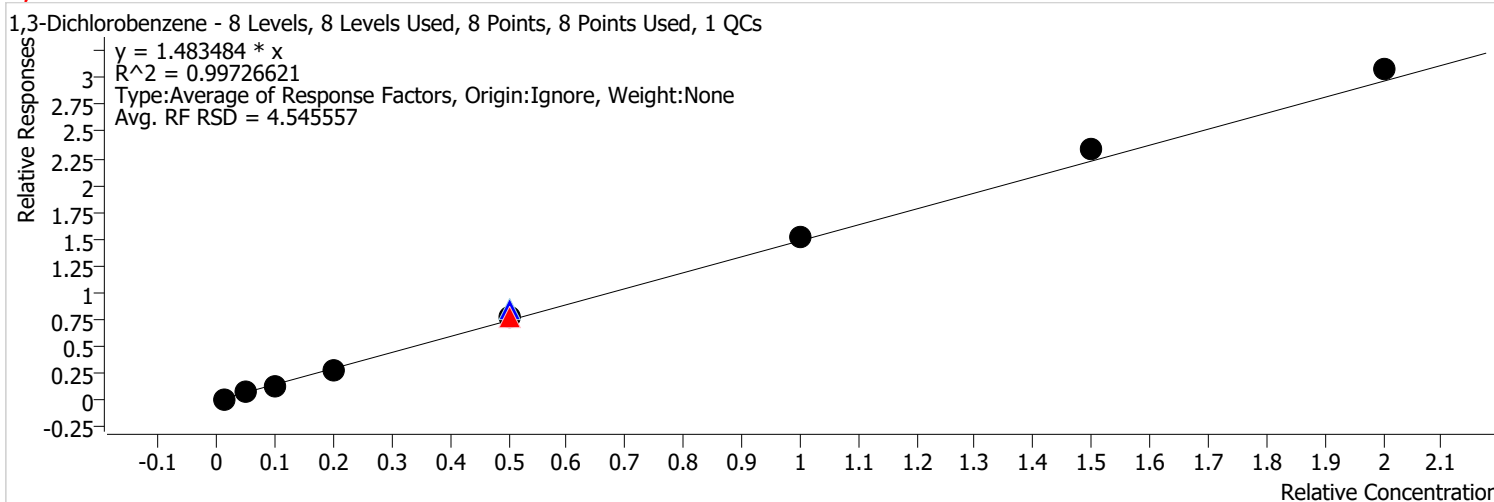


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1		6602	2.5000	2.2448	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	37571	12.5000	2.4698	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	76815	25.0000	2.3904	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	168947	50.0000	2.5432	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	533129	125.0000	3.0873	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	488073	125.0000	2.8308	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	488073	125.0000	2.8308	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	1021389	250.0000	2.8973	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	1523298	375.0000	2.9319	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	2000712	500.0000	2.8737	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:02 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,3-Dichlorobenzene %RSE = 4.5**

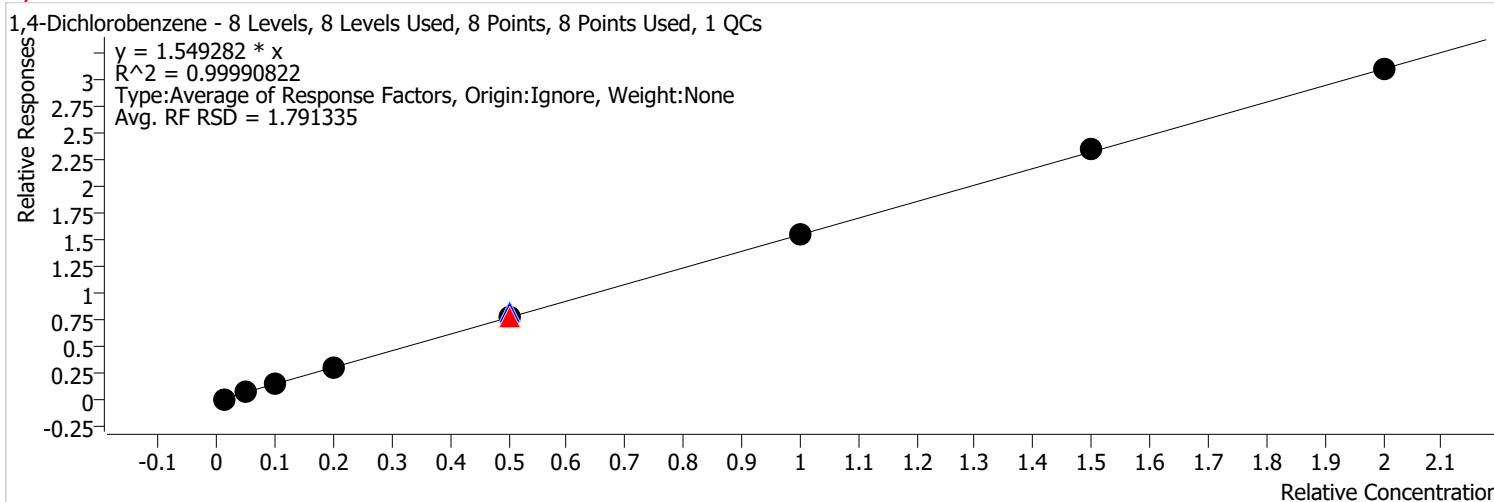


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	4076	2.5000	1.3859	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	22620	12.5000	1.4869	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	45163	25.0000	1.4054	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	94907	50.0000	1.4286	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	296046	125.0000	1.7144	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	265354	125.0000	1.5391	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	265354	125.0000	1.5391	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	539560	250.0000	1.5305	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	807641	375.0000	1.5545	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1070002	500.0000	1.5369	

# Calibration Report

<b>Batch Path</b>	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	<b>Analyst Name</b>	BL2000\mchavez
<b>Analysis Time</b>	3/14/2022 12:04 PM	<b>Reporter Name</b>	BL2000\mchavez
<b>Report Time</b>	3/14/2022 12:10:02 PM	<b>Batch State</b>	Processed
<b>Last Calib Update</b>	3/9/2022 9:53 AM	<b>Quant Report Version</b>	10.0
<b>Quant Batch Version</b>	10.0		

**1,4-Dichlorobenzene %RSE = 1.8**



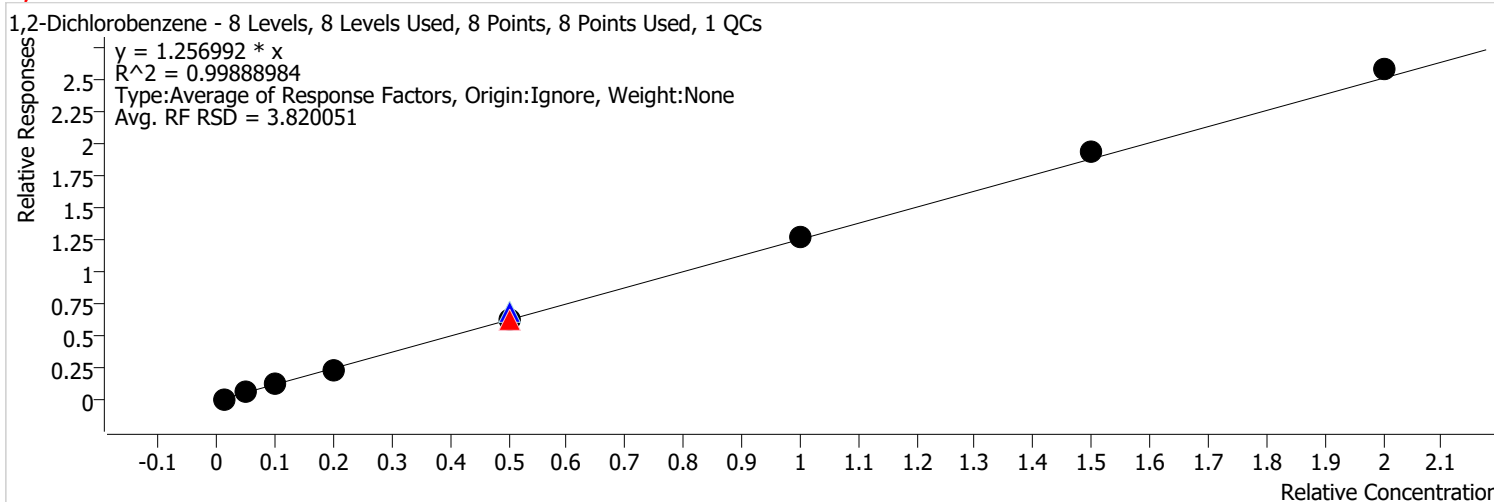
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	4539	2.5000	1.5433	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	23795	12.5000	1.5642	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	50411	25.0000	1.5687	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	98667	50.0000	1.4852	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	287458	125.0000	1.6647	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	270489	125.0000	1.5688	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	270489	125.0000	1.5688	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	547829	250.0000	1.5540	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	812896	375.0000	1.5646	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	1075885	500.0000	1.5453	



# Calibration Report

Batch Path	D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin	Analyst Name	BL2000\mchavez
Analysis Time	3/14/2022 12:04 PM	Reporter Name	BL2000\mchavez
Report Time	3/14/2022 12:10:02 PM	Batch State	Processed
Last Calib Update	3/9/2022 9:53 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

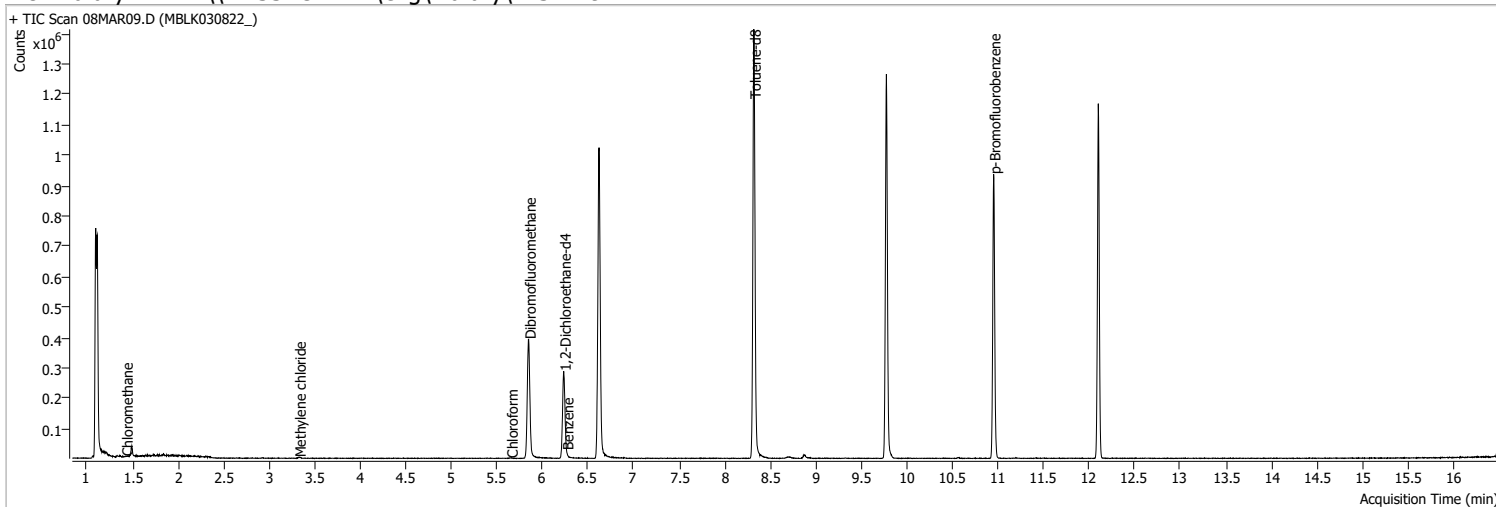
**1,2-Dichlorobenzene %RSE = 3.8**



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\Org\Data\VOA5975C\VG030822\08MAR10.D	Calibration	1	x	3896	2.5000	1.3247	
D:\Org\Data\VOA5975C\VG030822\08MAR11.D	Calibration	2	x	18926	12.5000	1.2441	
D:\Org\Data\VOA5975C\VG030822\08MAR12.D	Calibration	3	x	39062	25.0000	1.2156	
D:\Org\Data\VOA5975C\VG030822\08MAR13.D	Calibration	4	x	77848	50.0000	1.1718	
D:\Org\Data\VOA5975C\VG030822\08MAR23.D	QC	QC	x	240418	125.0000	1.3923	
D:\Org\Data\VOA5975C\VG030822\08MAR15.D	Calibration	5	x	215492	125.0000	1.2499	
D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D	CC	CC	x	215492	125.0000	1.2499	
D:\Org\Data\VOA5975C\VG030822\08MAR17.D	Calibration	6	x	447443	250.0000	1.2692	
D:\Org\Data\VOA5975C\VG030822\08MAR19.D	Calibration	7	x	670611	375.0000	1.2907	
D:\Org\Data\VOA5975C\VG030822\08MAR21.D	Calibration	8	x	898029	500.0000	1.2899	

# Quantitation Results Report (QT Reviewed)

Data File	08MAR09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/8/2022 1:59:37 PM
Sample Name	MBLK030822_	Instrument	VOA5975C
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG030822_8260B.batch.bin	Last Calib Update	3/9/2022 9:53:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



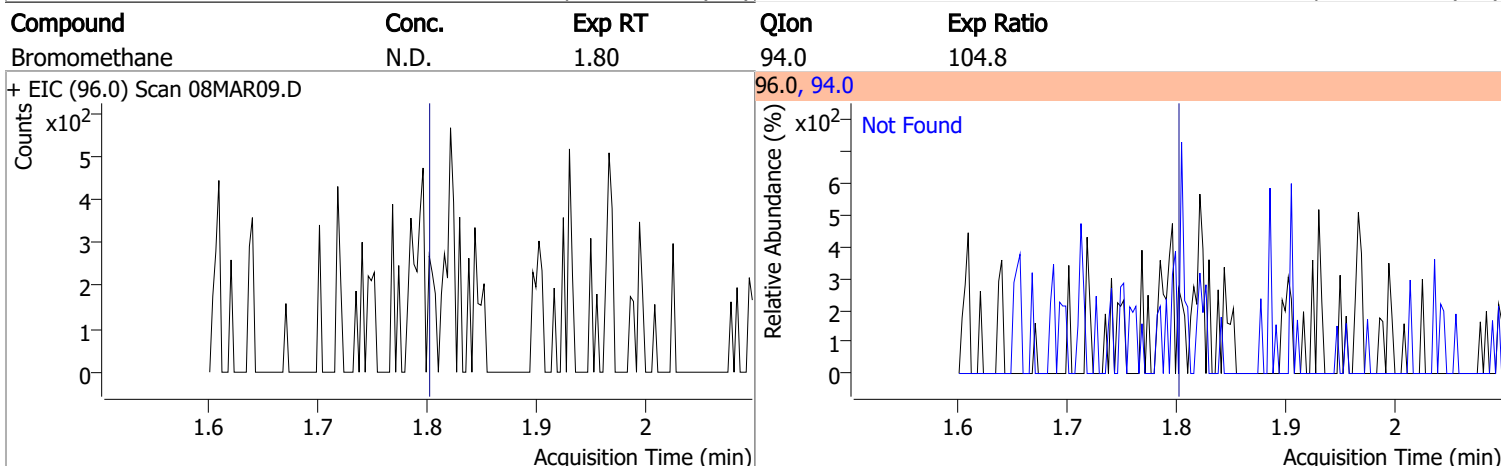
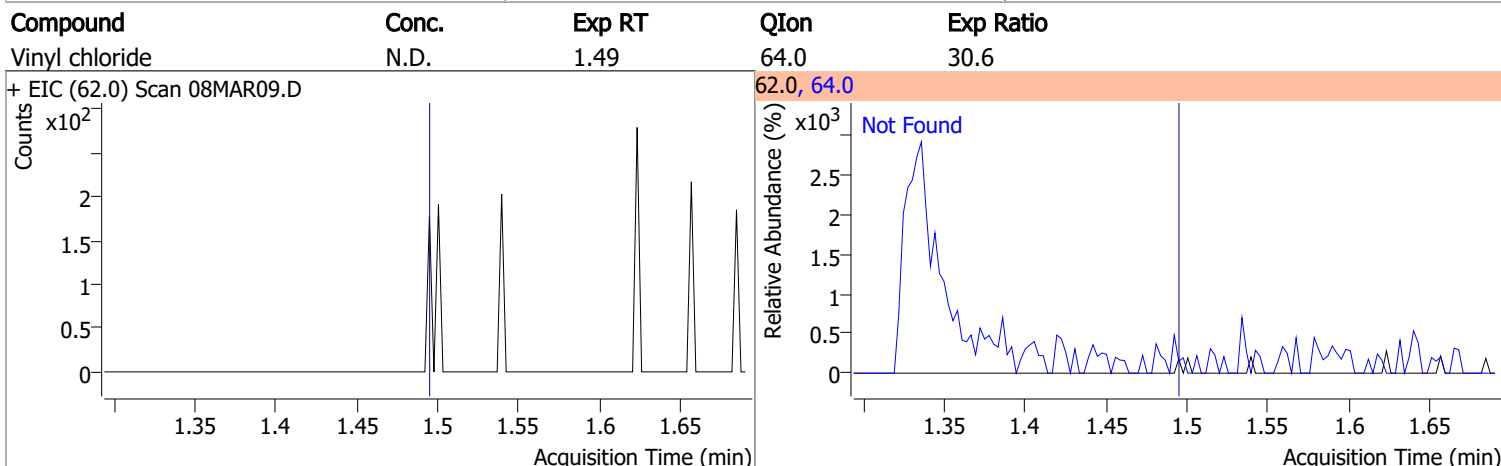
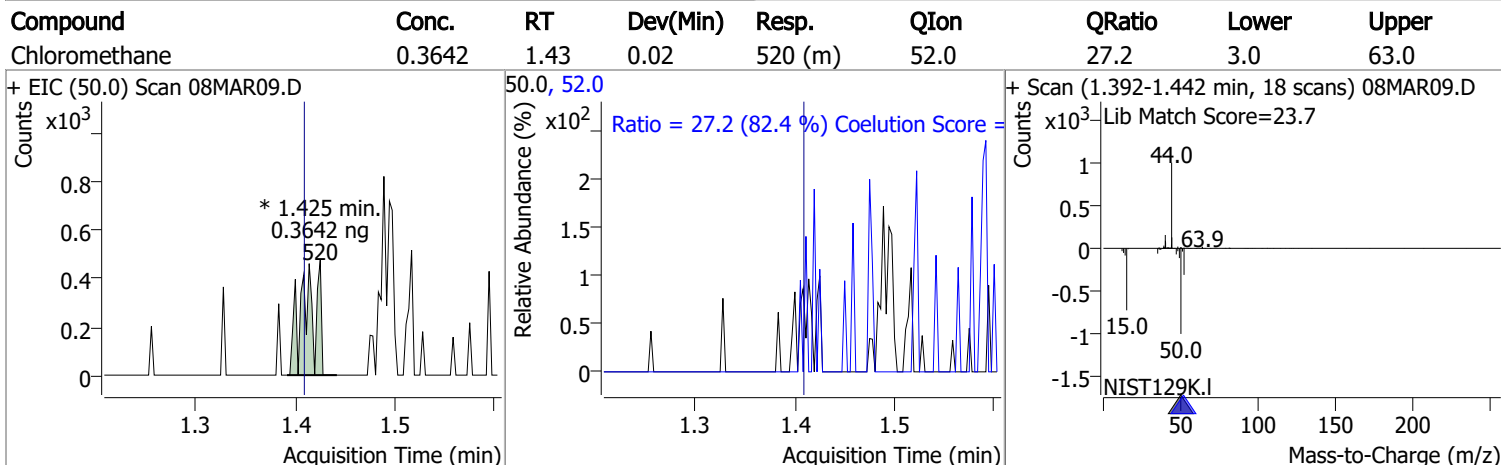
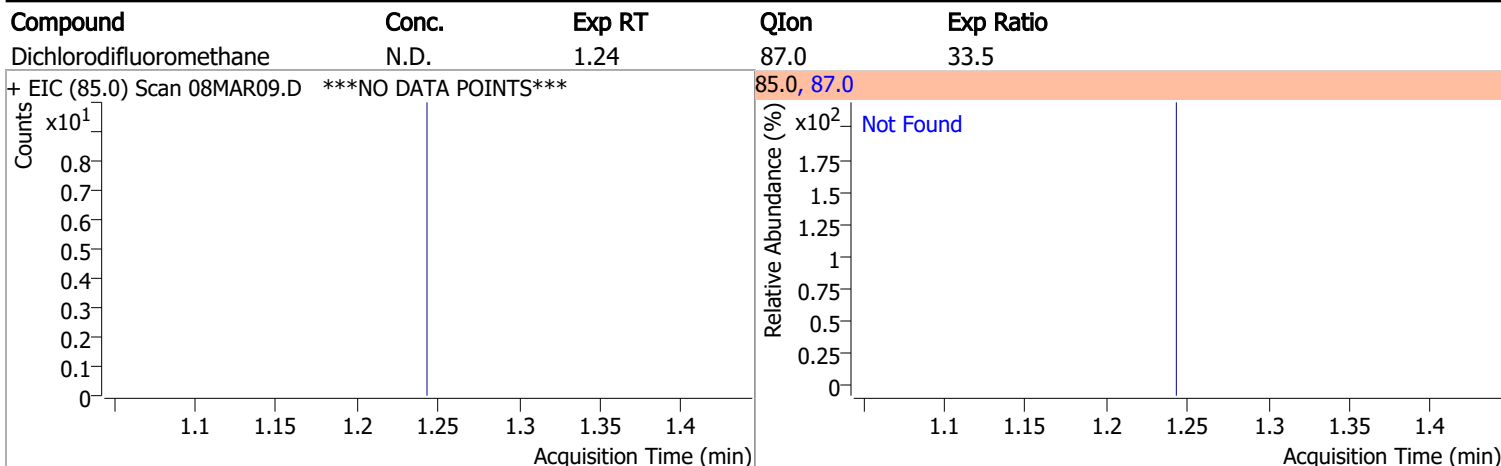
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.618	96.0	852488	250.0000	ng	-0.003
M Chlorobenzene-d5	9.774	82.0	337756	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	272504	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	230887	266.5523	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.62%		
S 1,2-Dichloroethane-d4	6.233	67.0	102725	265.6860	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 106.27%		
S Toluene-d8	8.319	98.0	866382	240.5906	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 96.24%		
S p-Bromofluorobenzene	10.951	95.0	257647	256.4138	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.57%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.425	50.0	520	0.3642	ng m	90
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.327	49.0	2243	1.7078	ng	93
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.653	83.0	1215	0.7191	ng m	99

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	6.263	78.0	264	0.0762	ng	m	92
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
T Dibromomethane	0.000		0	N.D.			
T Bromodichloromethane	0.000		0	N.D.			
T cis-1,3-Dichloropropene	0.000		0	N.D.			
T Toluene	0.000		0	N.D.			
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

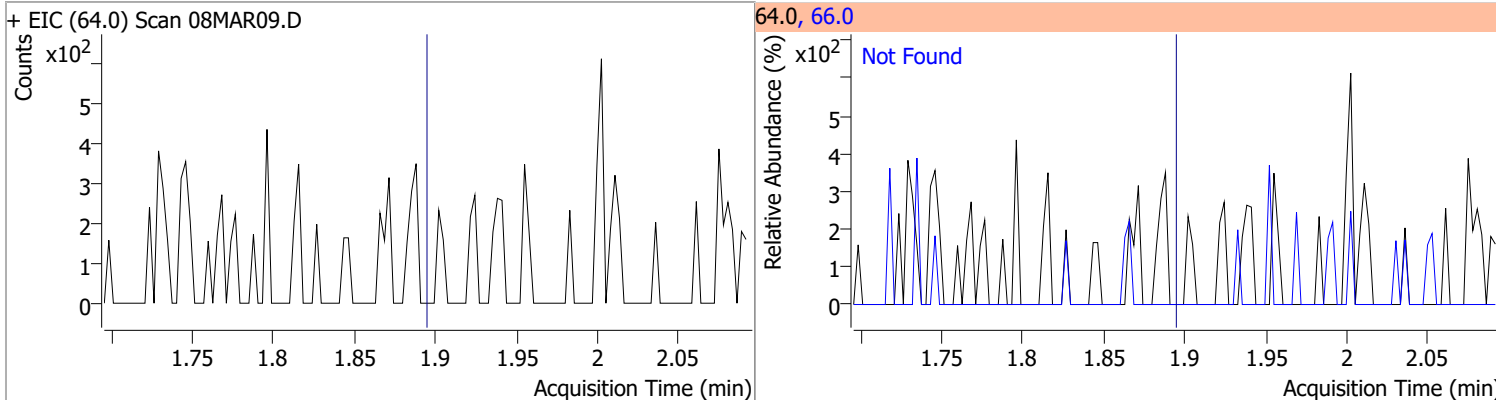
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

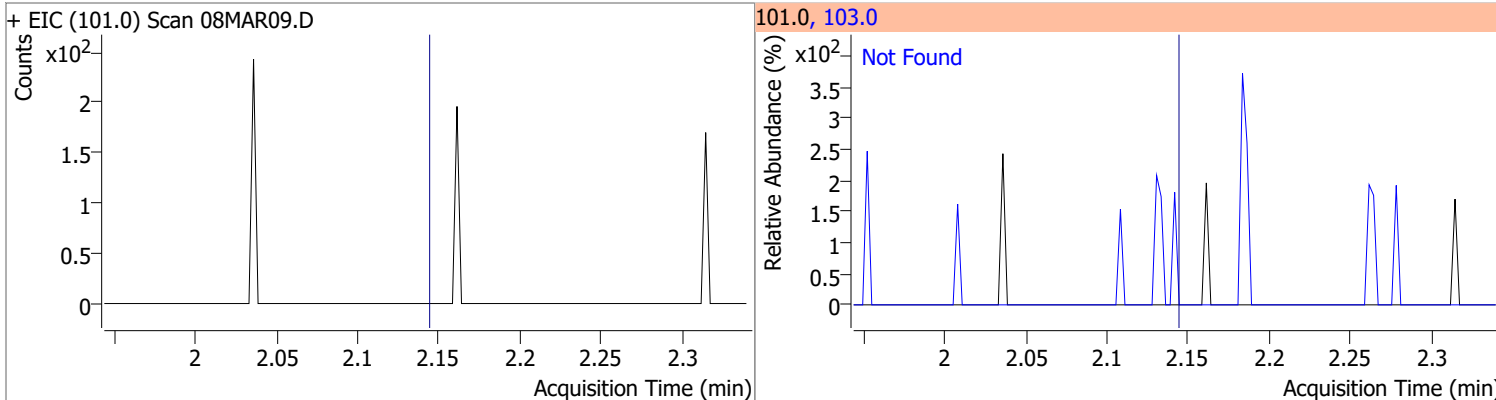


# Quantitation Results Report (QT Reviewed)

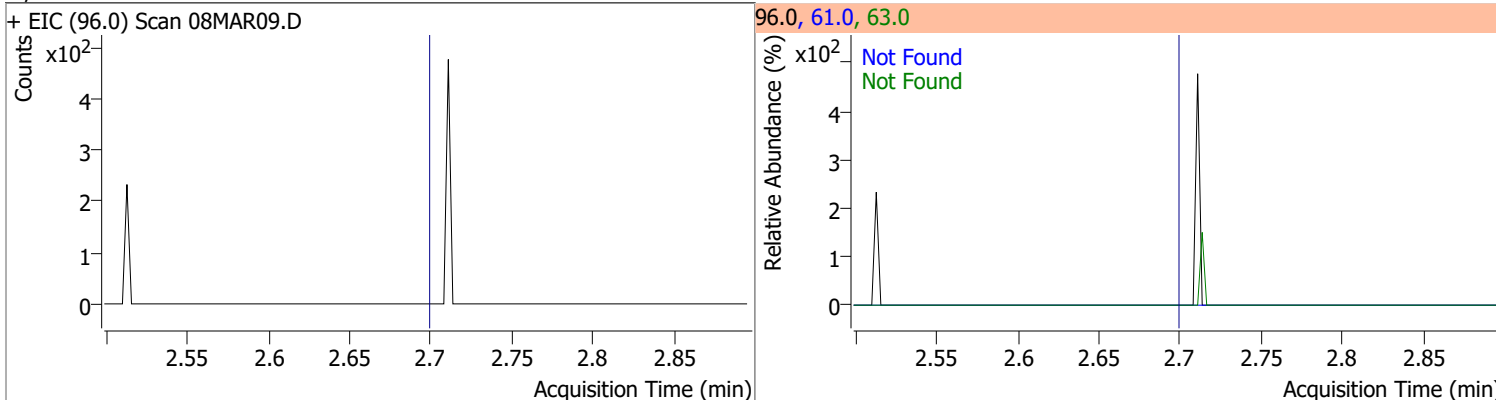
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



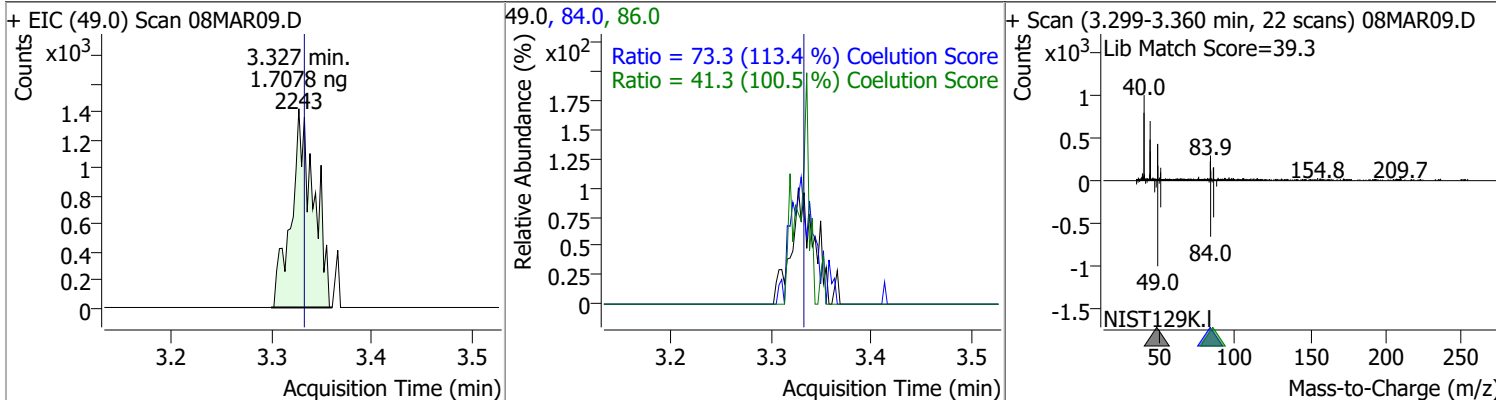
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



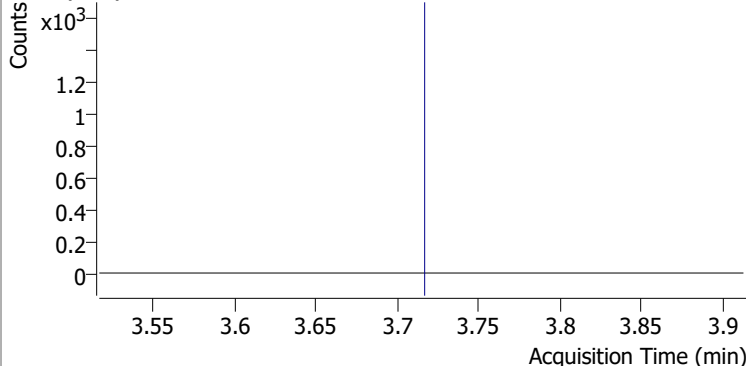
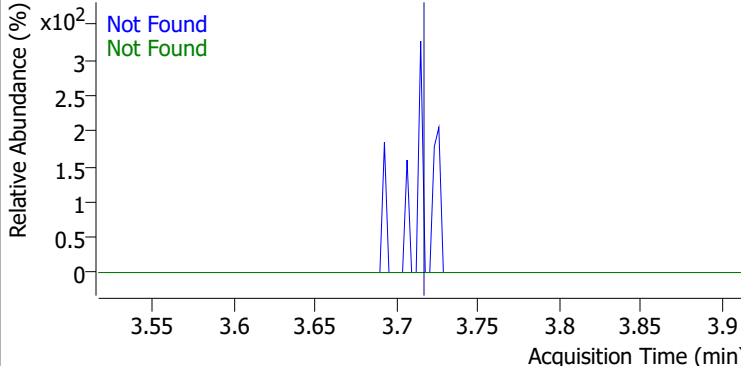
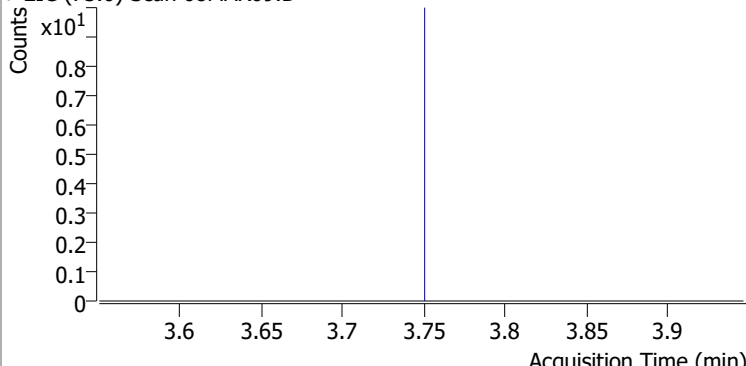
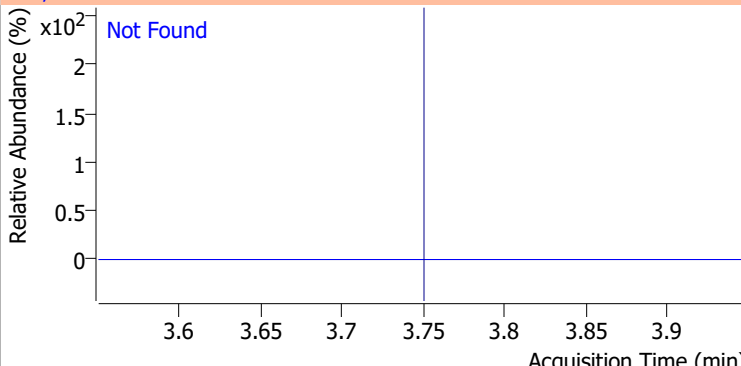
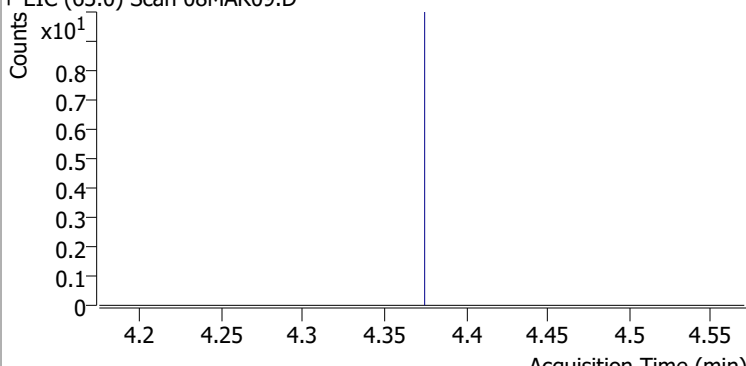
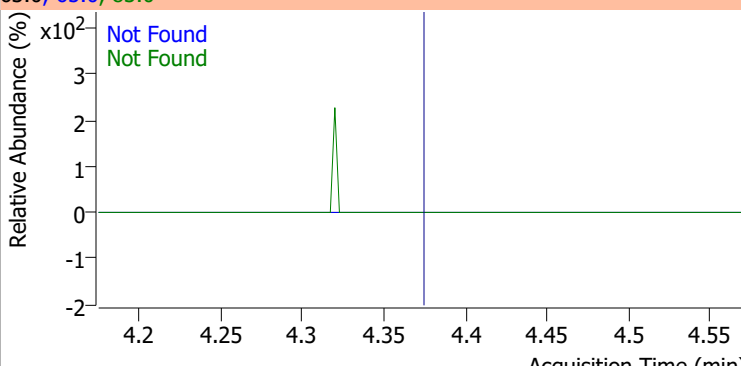
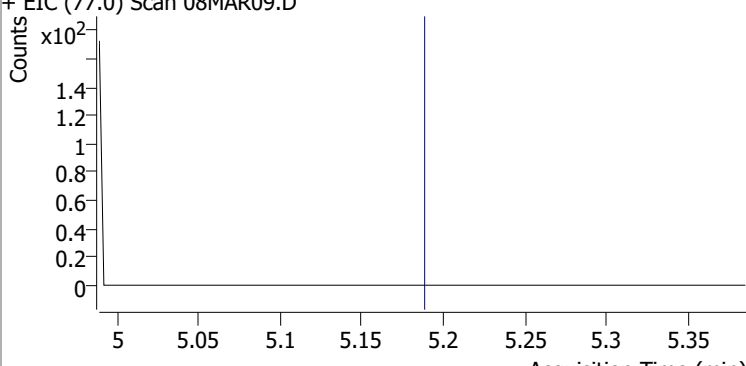
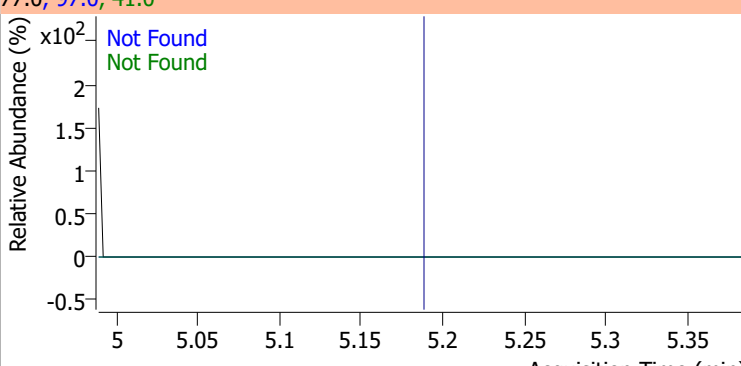
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.7078	3.33	-0.01	2243	84.0	73.3	34.7	94.7
					86.0	41.3	11.1	71.1

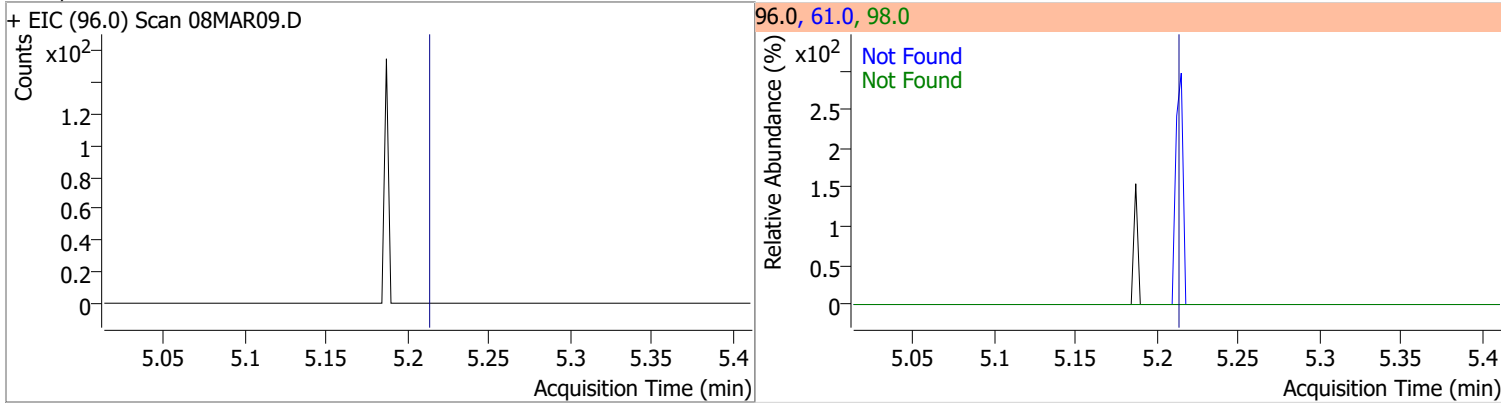


# Quantitation Results Report (QT Reviewed)

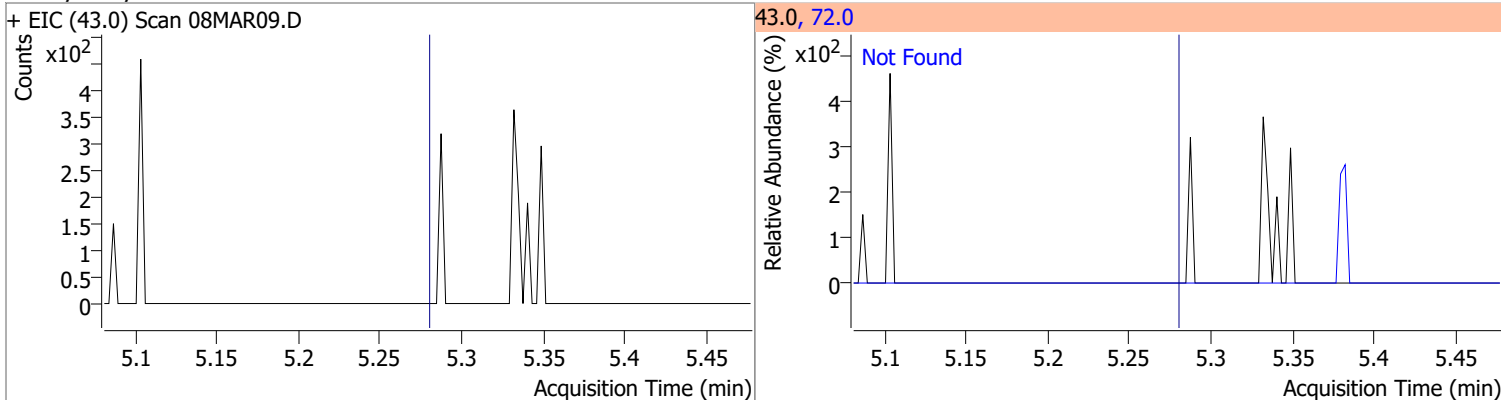
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 08MAR09.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 08MAR09.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 08MAR09.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 08MAR09.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

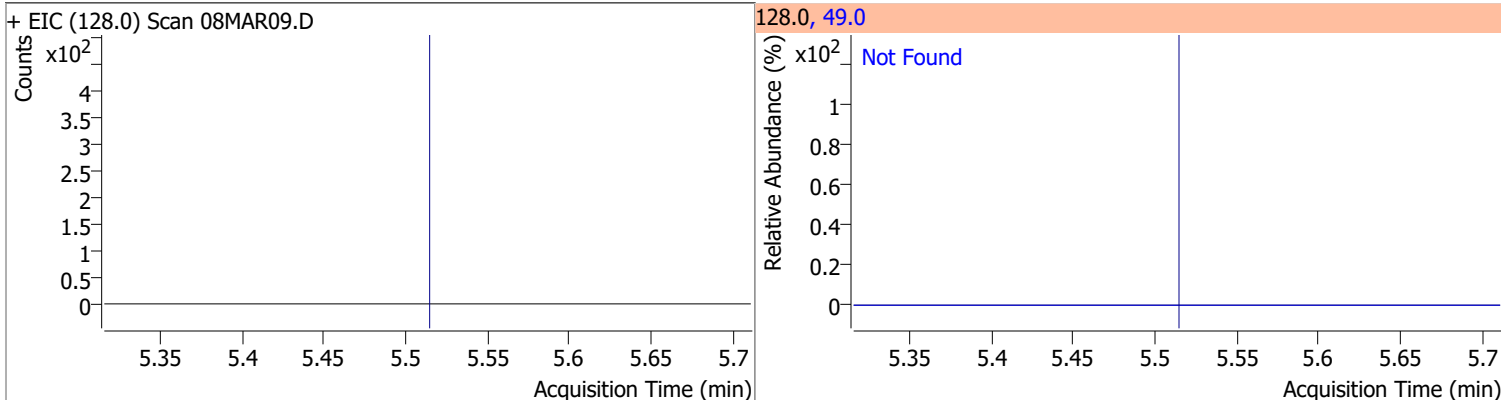
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



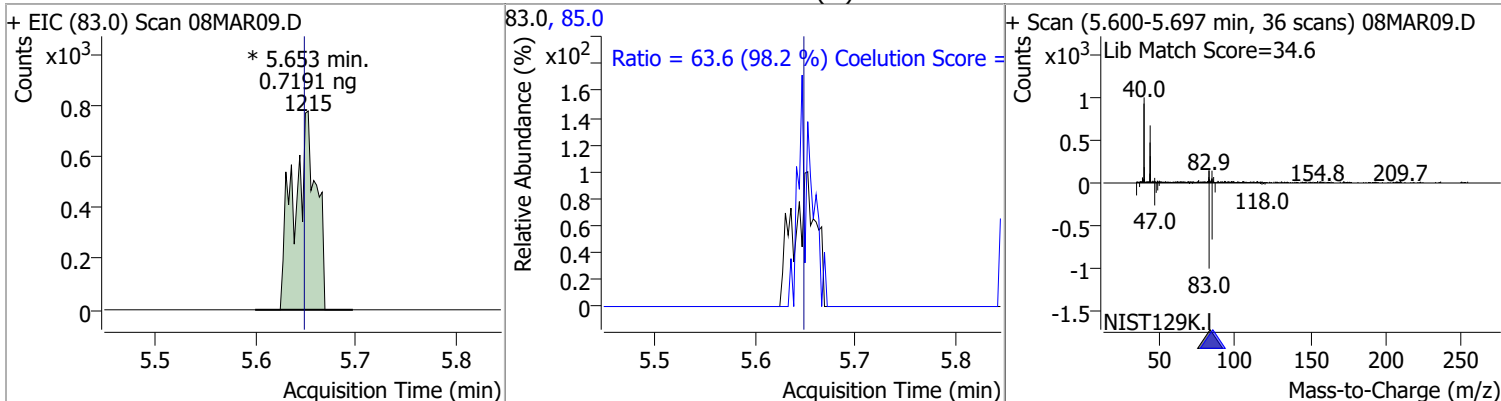
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



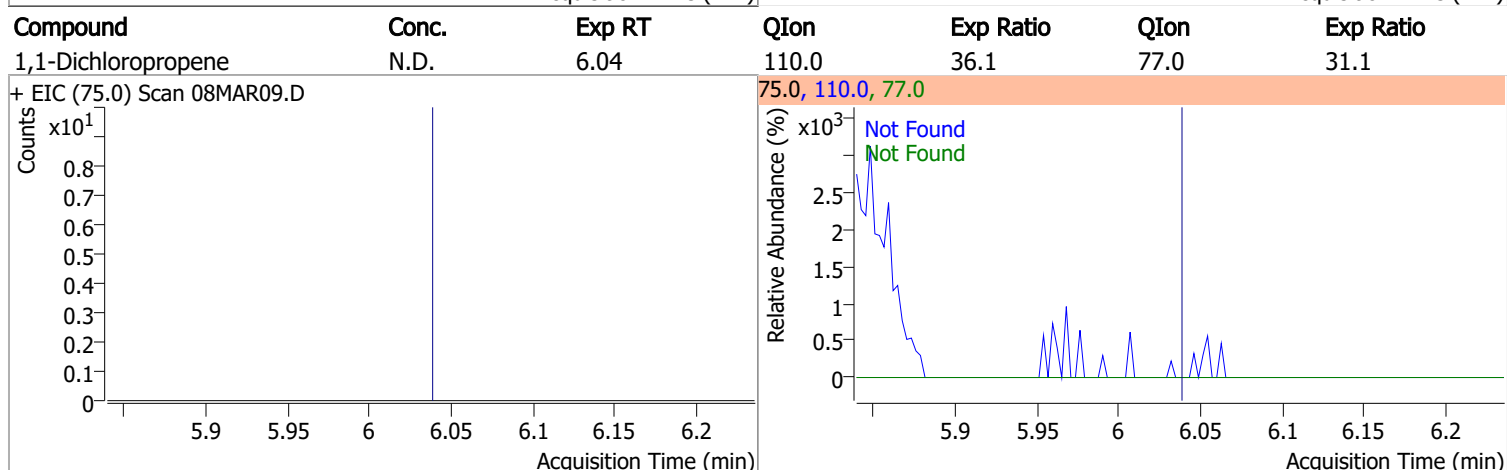
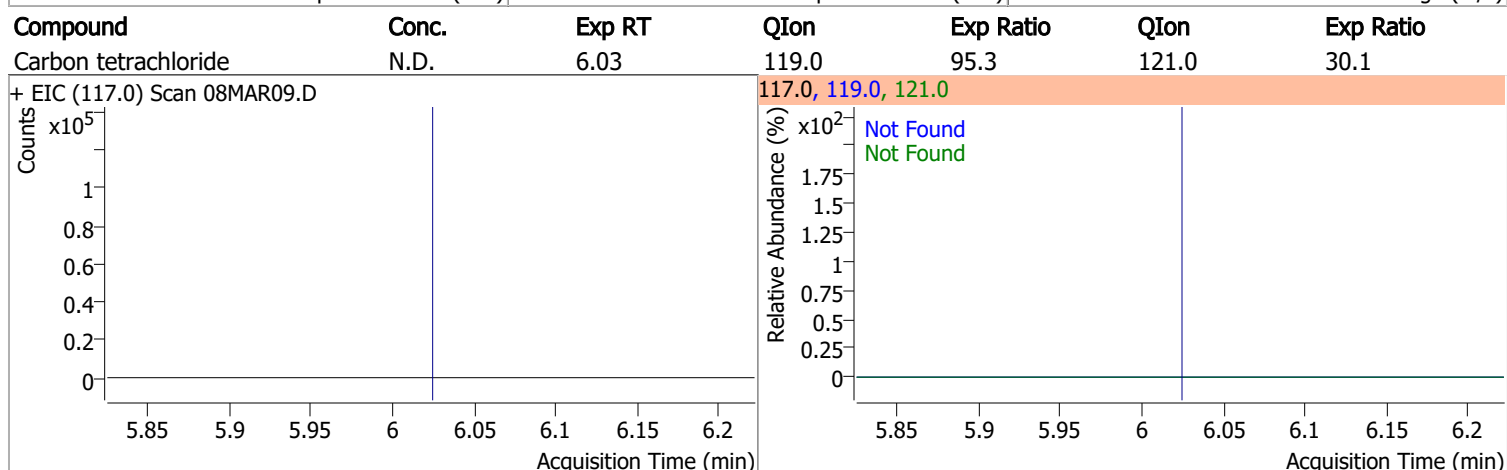
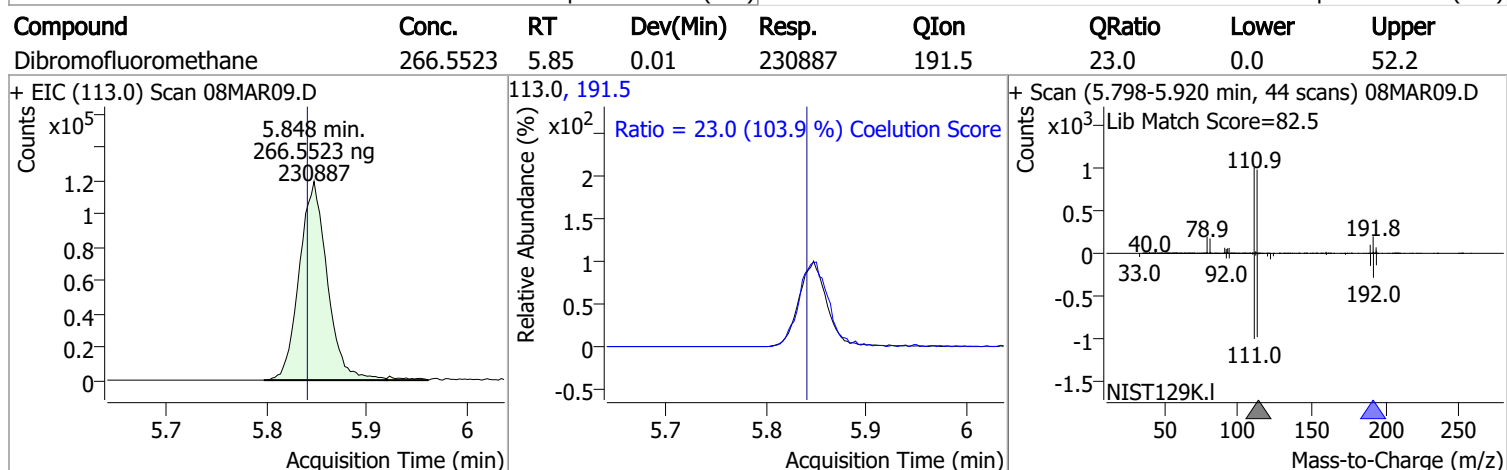
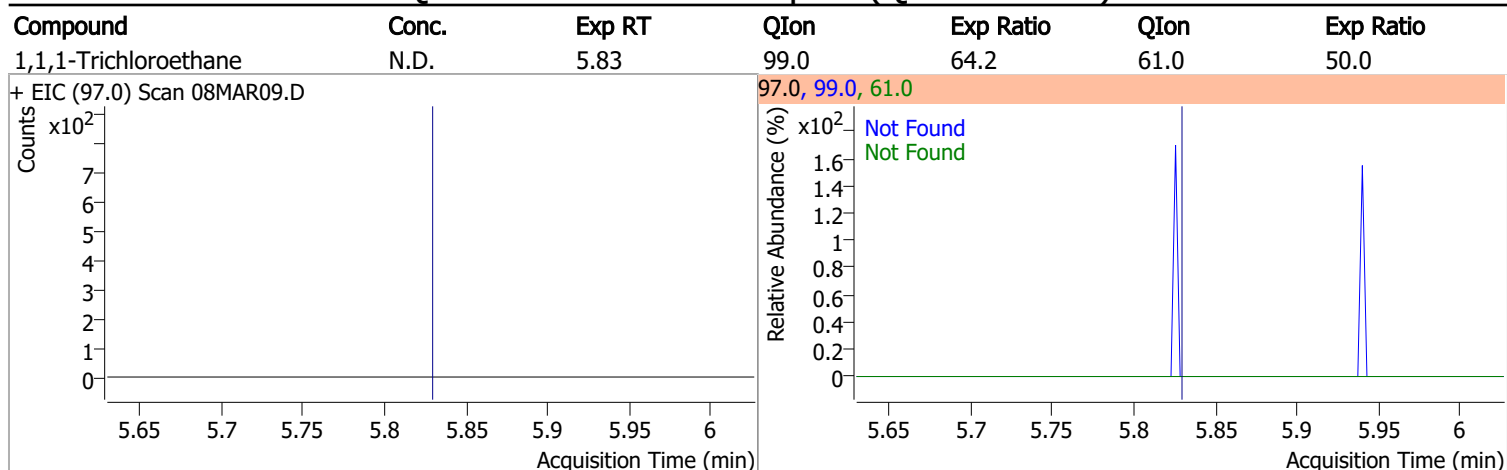
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.7191	5.65	0.00	1215 (m)	85.0	63.6	34.7	94.7



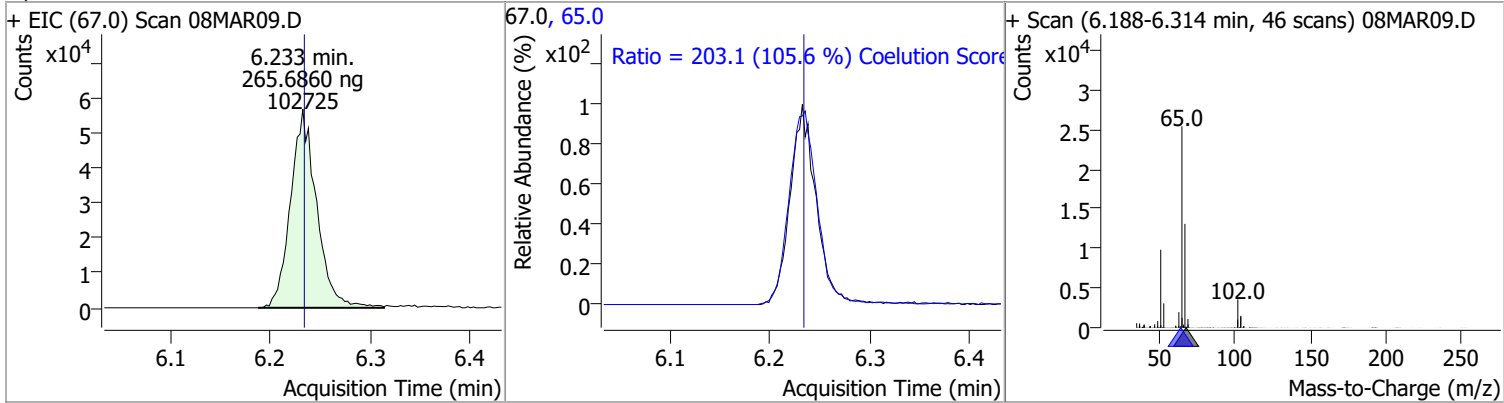
# Quantitation Results Report (QT Reviewed)



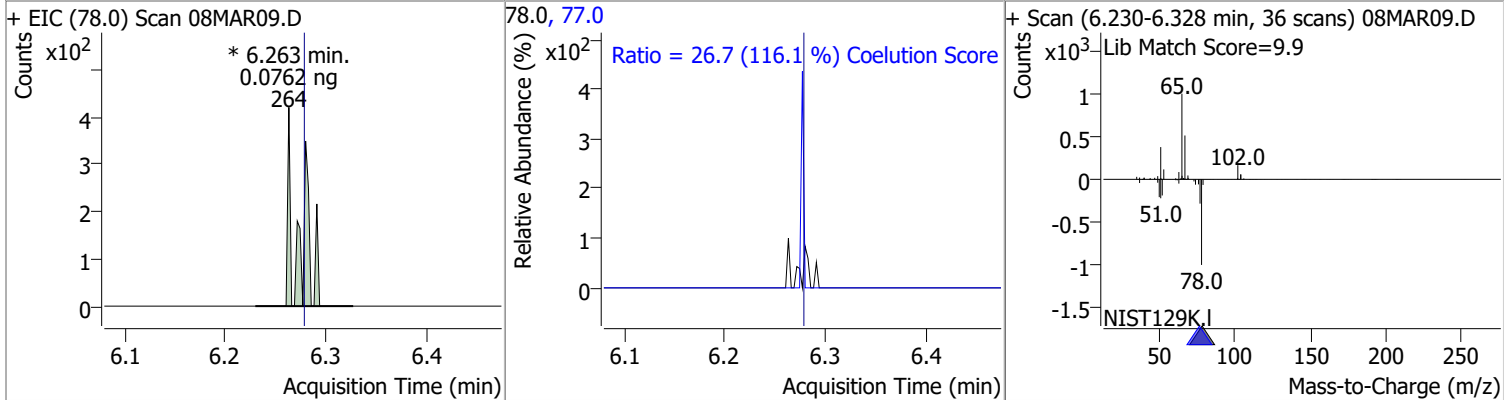


# Quantitation Results Report (QT Reviewed)

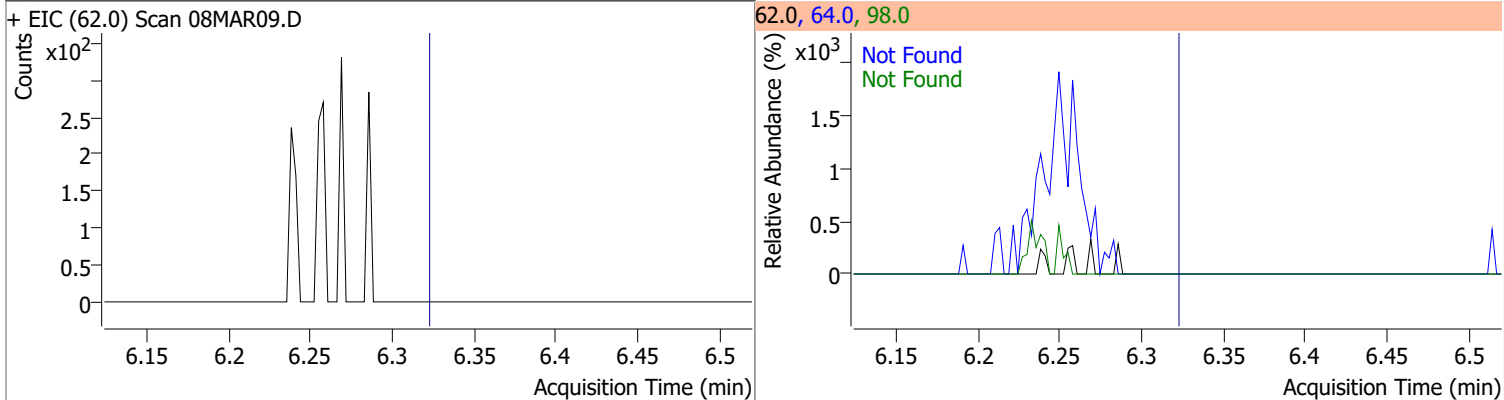
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	265.6860	6.23	0.00	102725	65.0	203.1	162.2	222.2



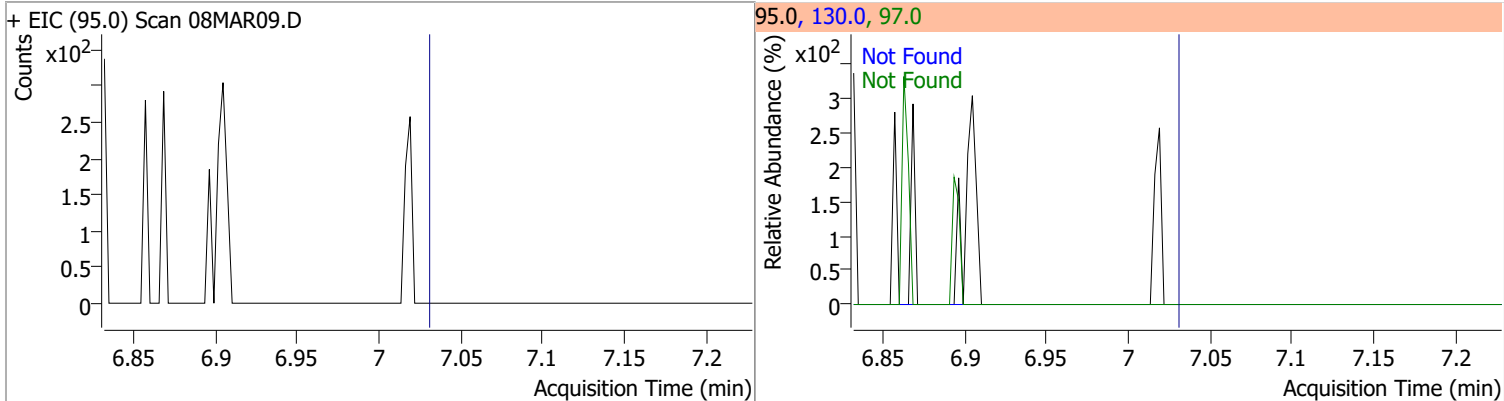
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0.0762	6.26	-0.02	264 (m)	77.0	26.7	0.0	53.0



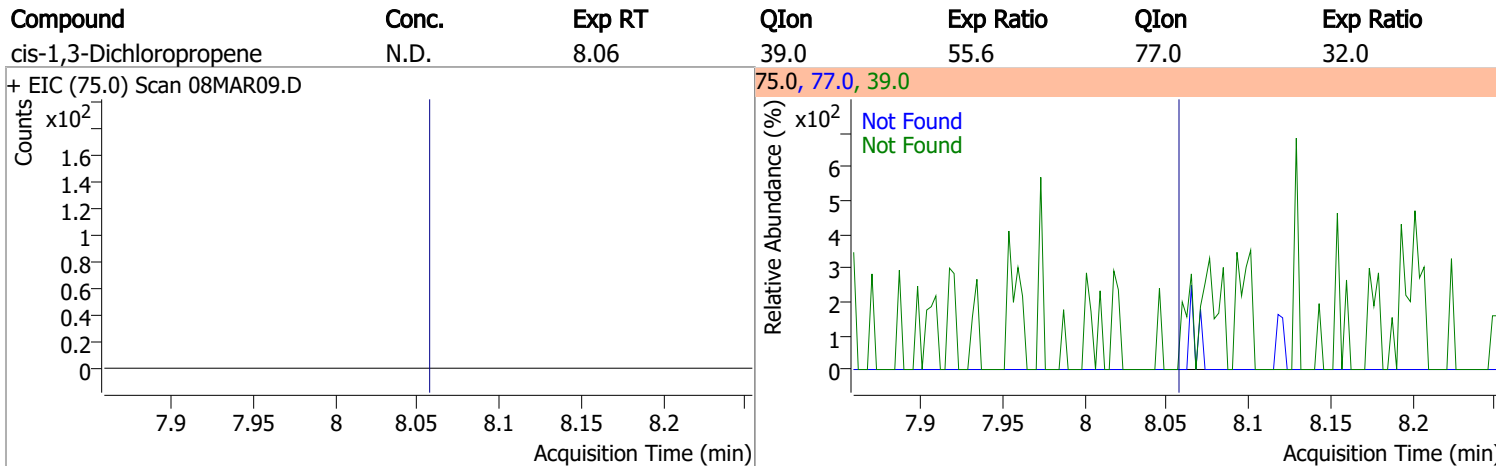
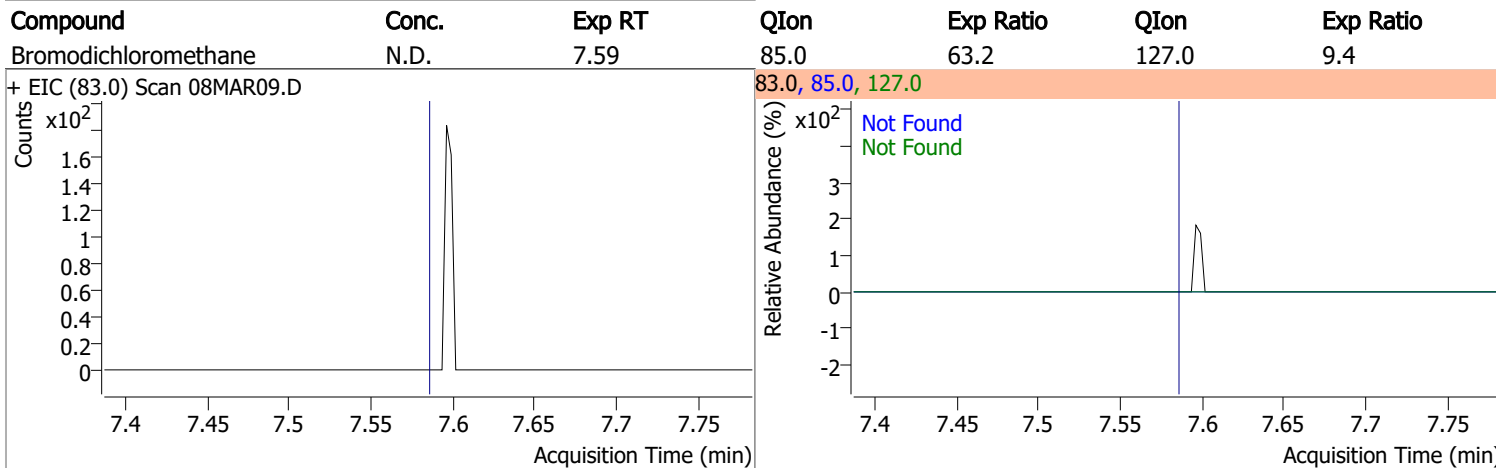
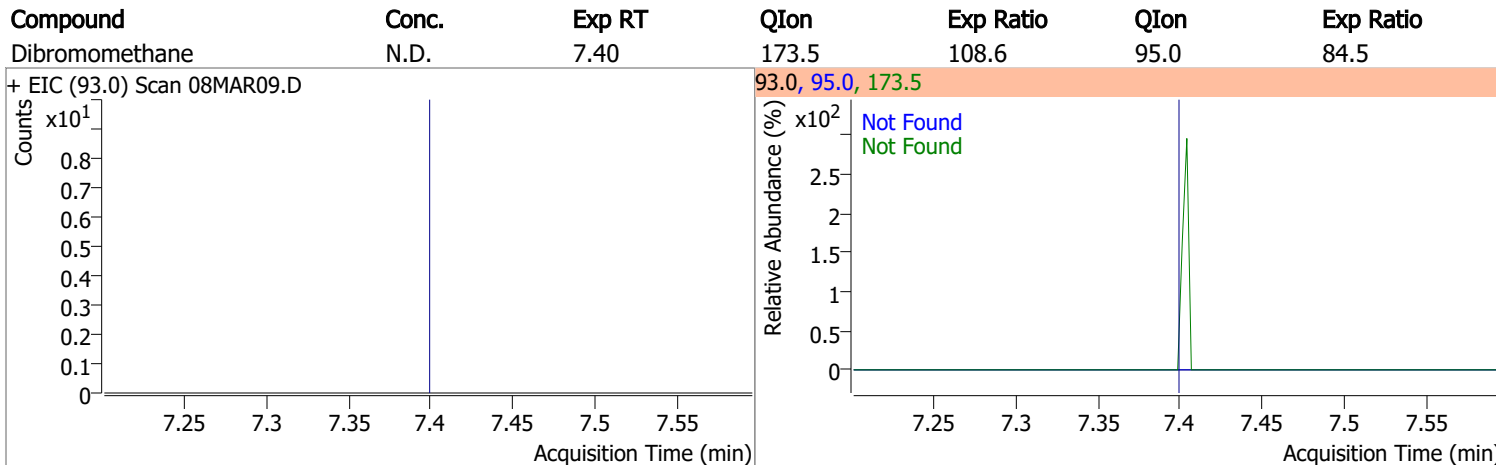
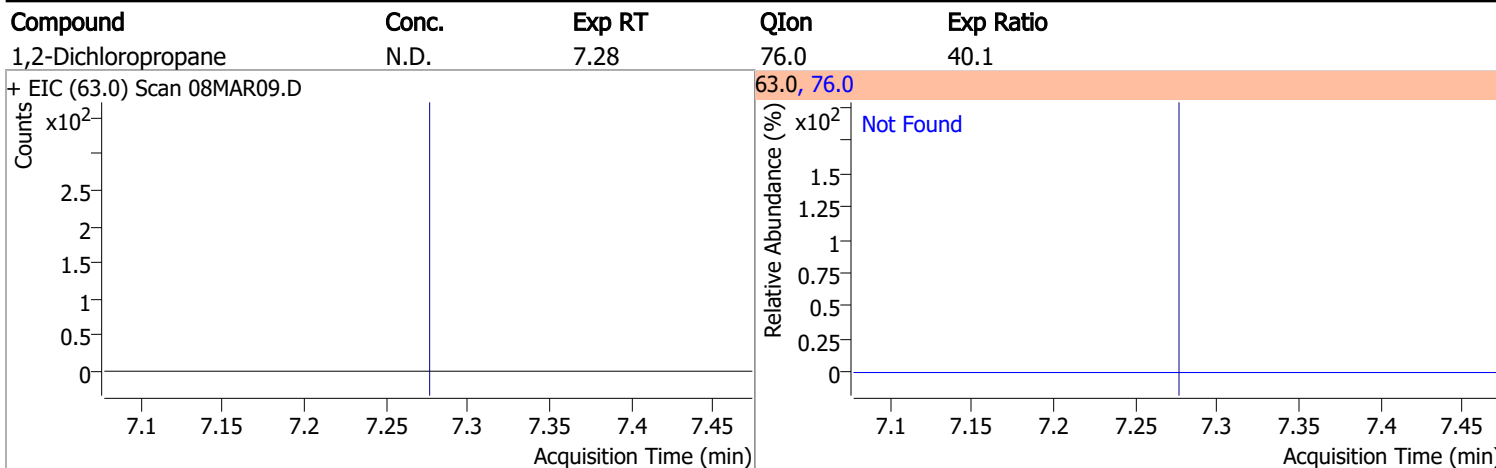
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

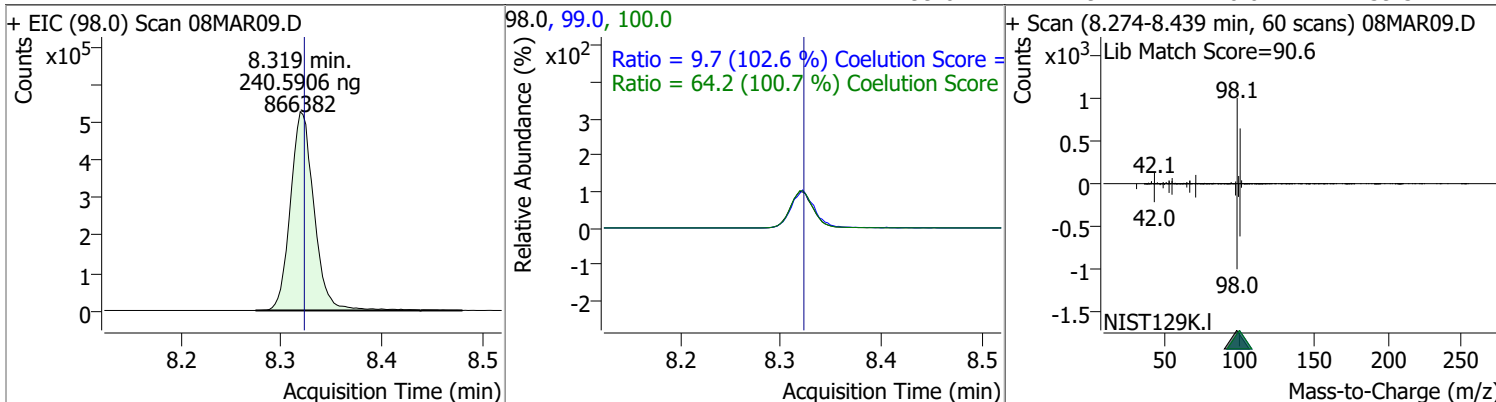


# Quantitation Results Report (QT Reviewed)

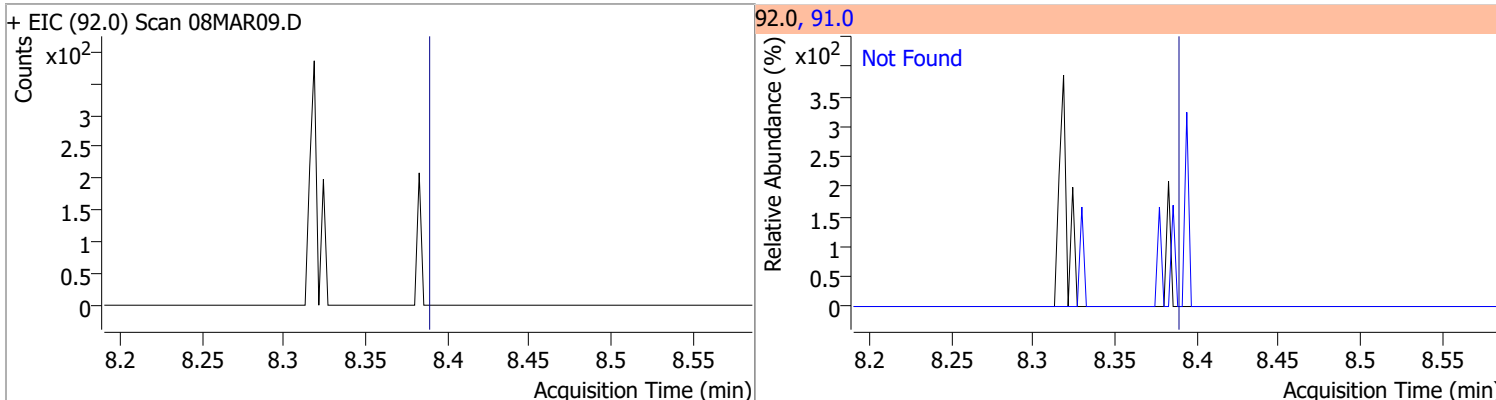


# Quantitation Results Report (QT Reviewed)

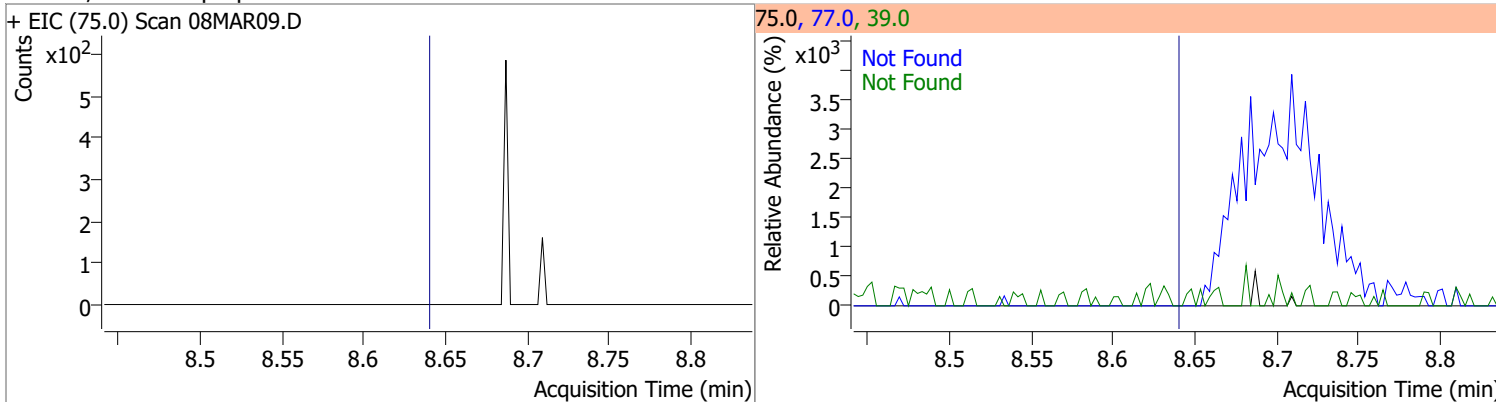
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	240.5906	8.32	0.00	866382	100.0	64.2	33.7	93.7
					99.0	9.7	0.0	39.5



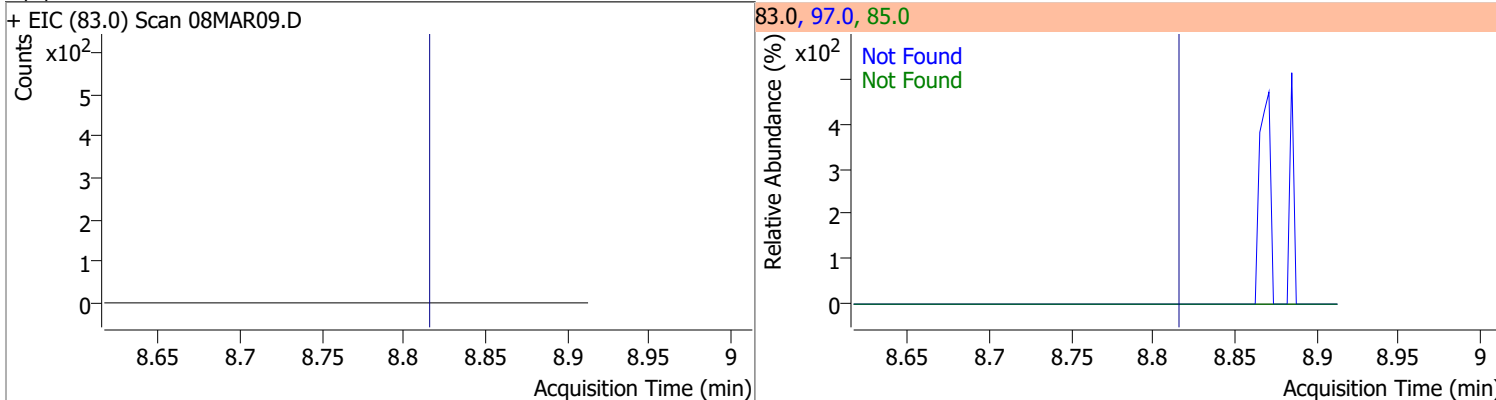
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	177.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8



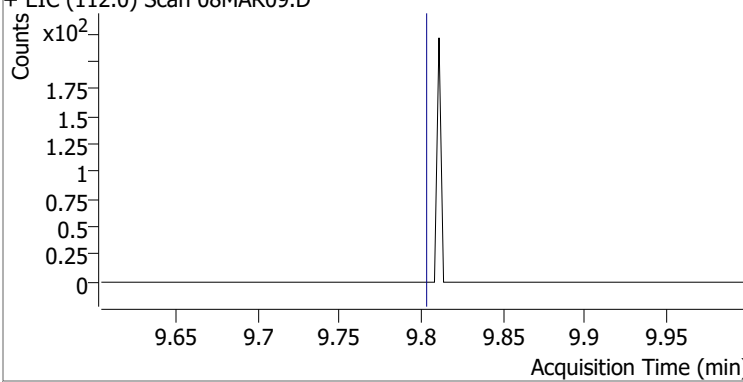
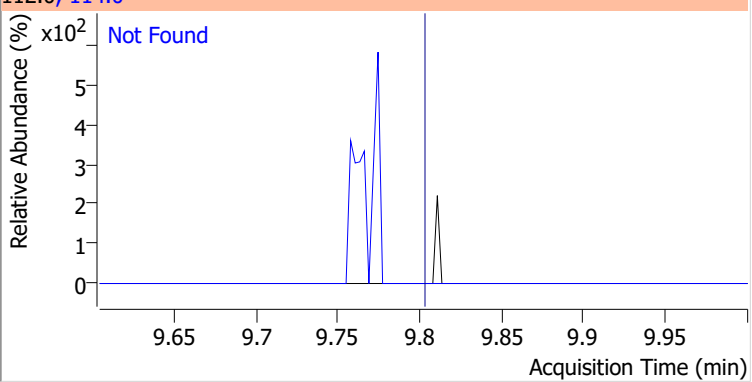
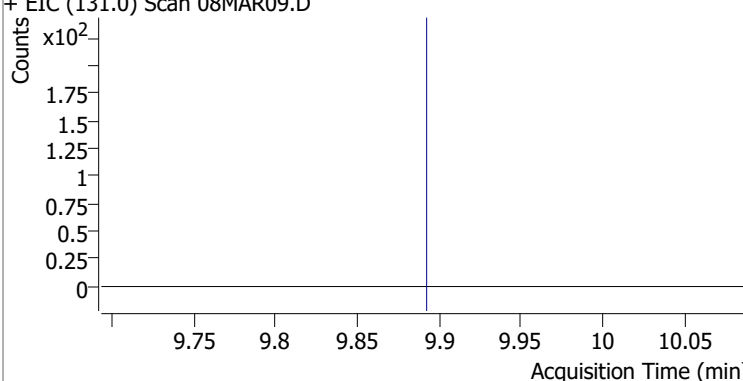
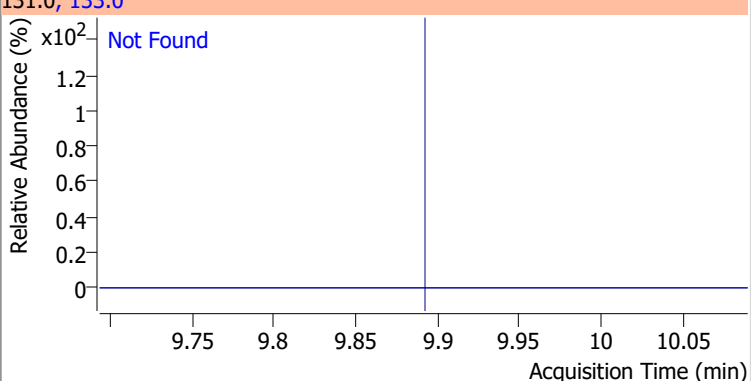
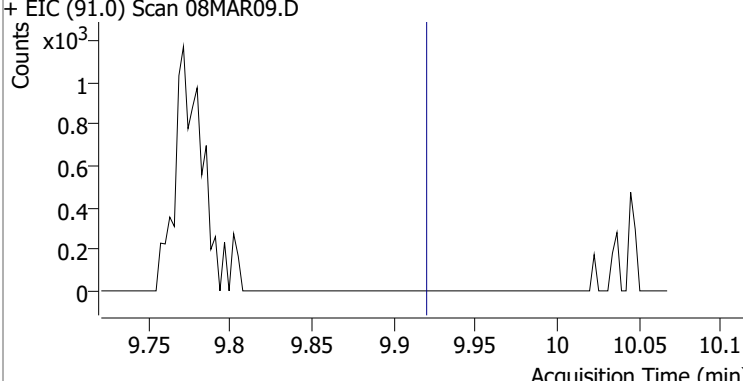
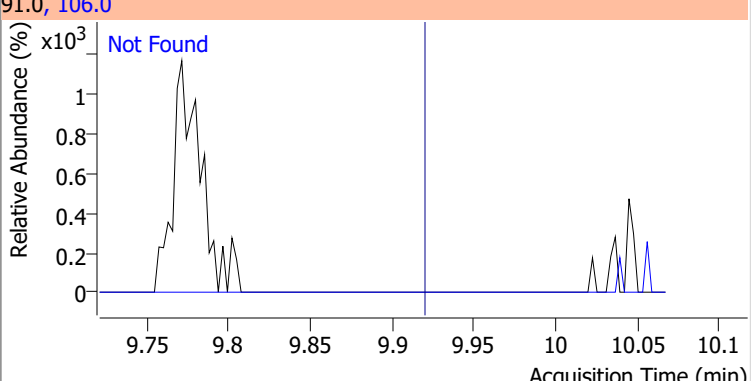
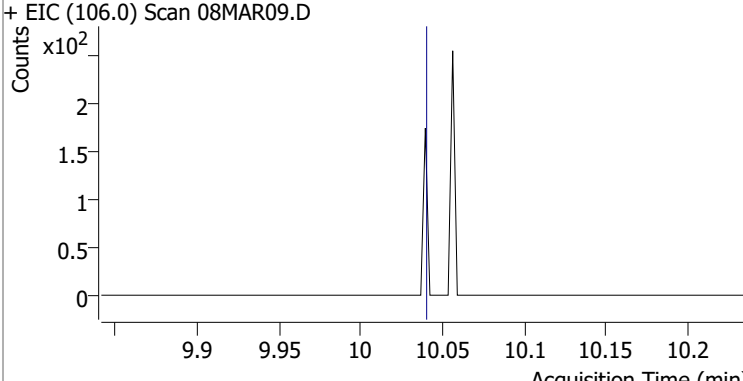
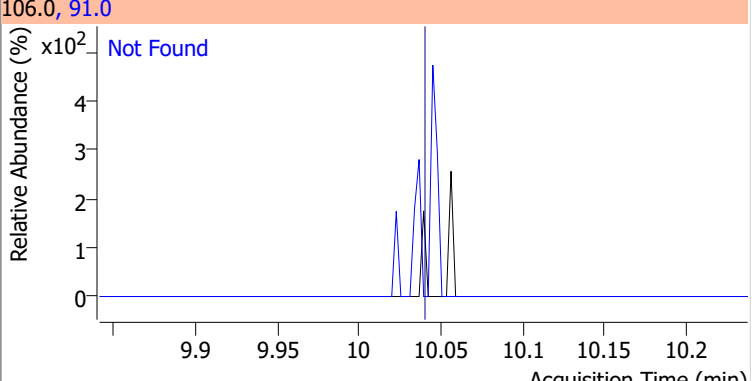
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9



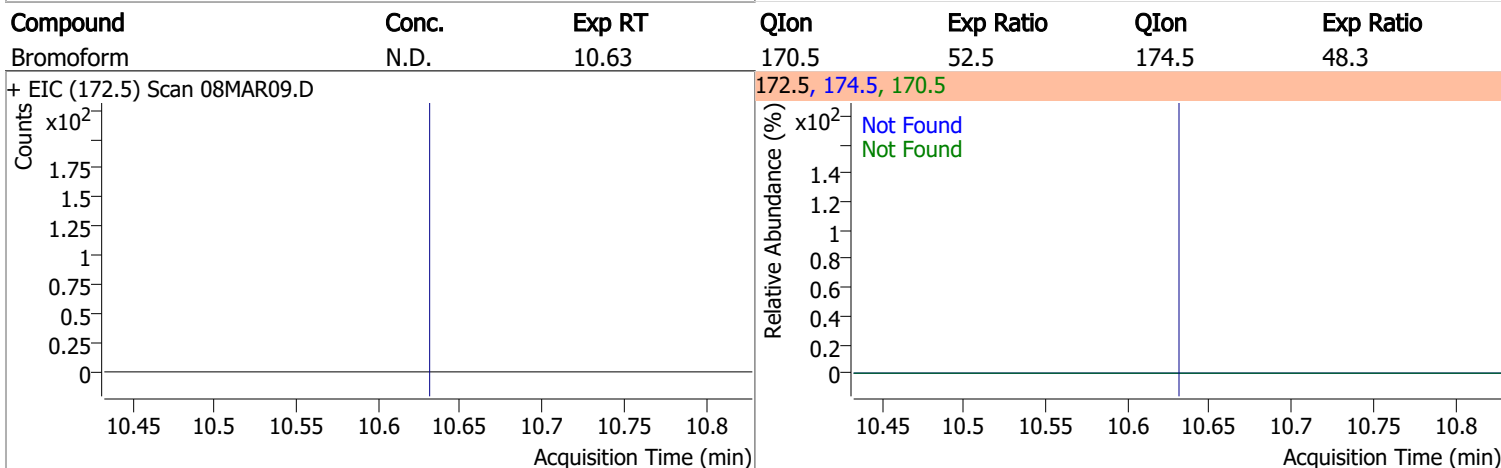
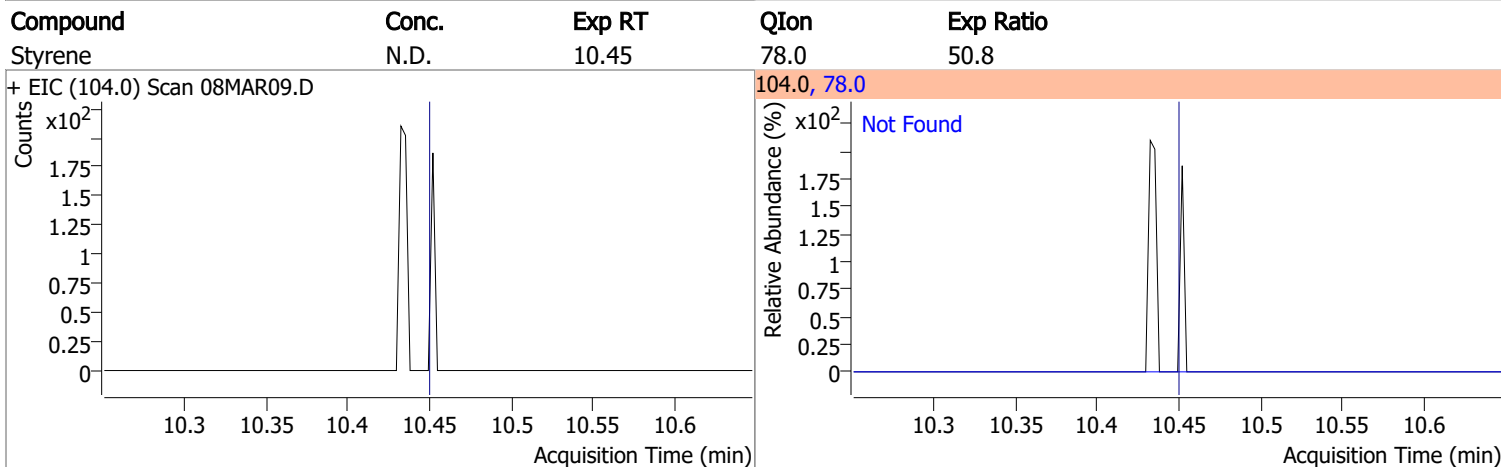
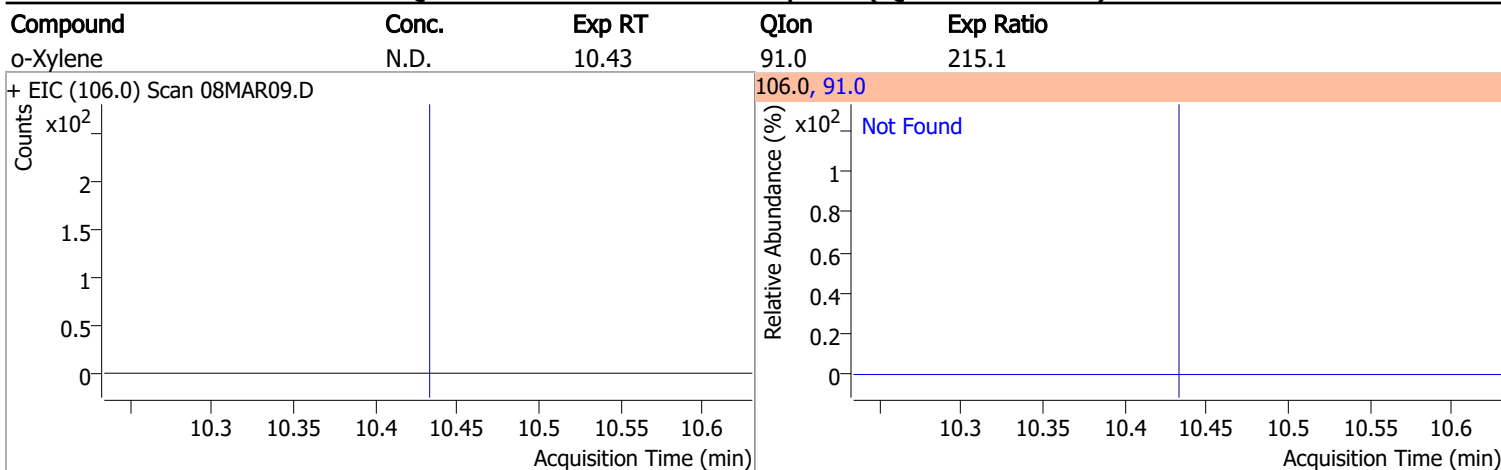
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6
+ EIC (163.8) Scan 08MAR09.D			163.8, 129.0, 165.8			
1,3-Dichloropropane	N.D.	8.98	78.0	31.3		
+ EIC (76.0) Scan 08MAR09.D			76.0, 78.0			
Chlorodibromomethane	N.D.	9.21	127.0	76.1		
+ EIC (129.0) Scan 08MAR09.D			129.0, 127.0			
1,2-Dibromoethane	N.D.	9.31	109.0	95.4		
+ EIC (107.0) Scan 08MAR09.D			107.0, 109.0			

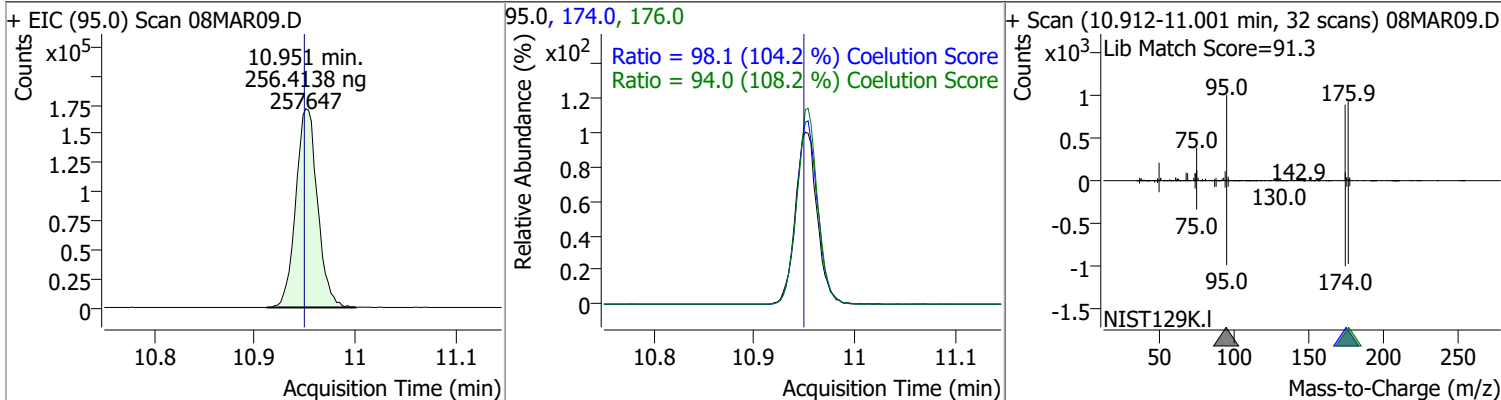
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 08MAR09.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 08MAR09.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 08MAR09.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 08MAR09.D			106.0, 91.0	
				

# Quantitation Results Report (QT Reviewed)

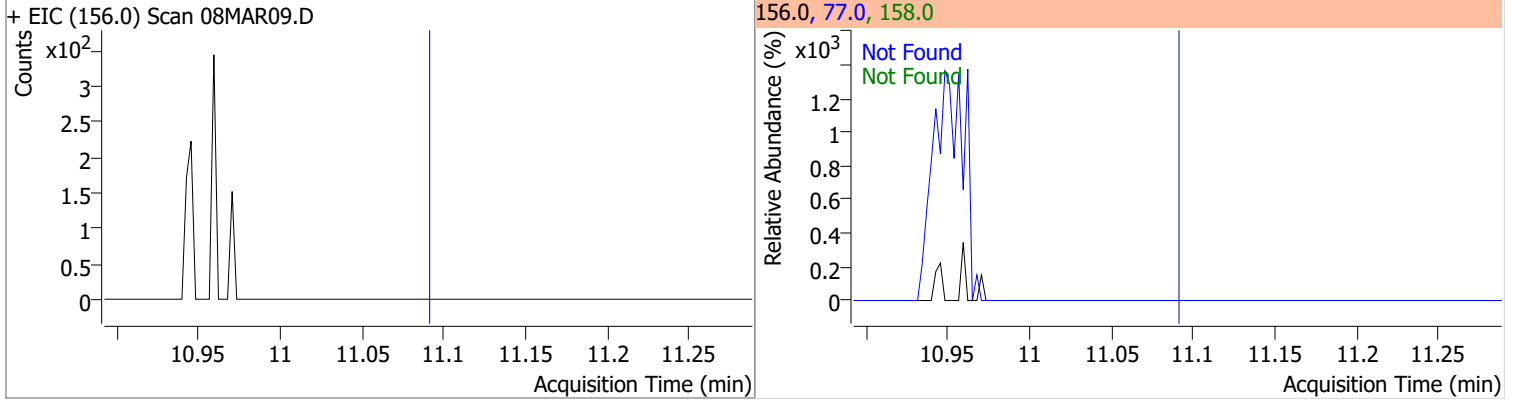


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.4138	10.95	0.00	257647	174.0	98.1	64.2	124.2
					176.0	94.0	56.9	116.9

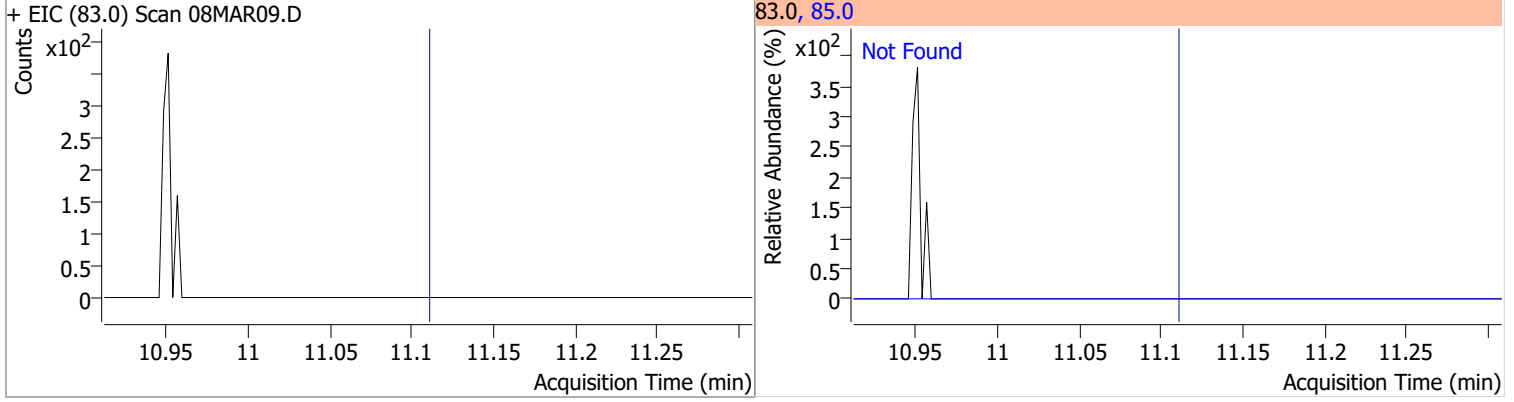


# Quantitation Results Report (QT Reviewed)

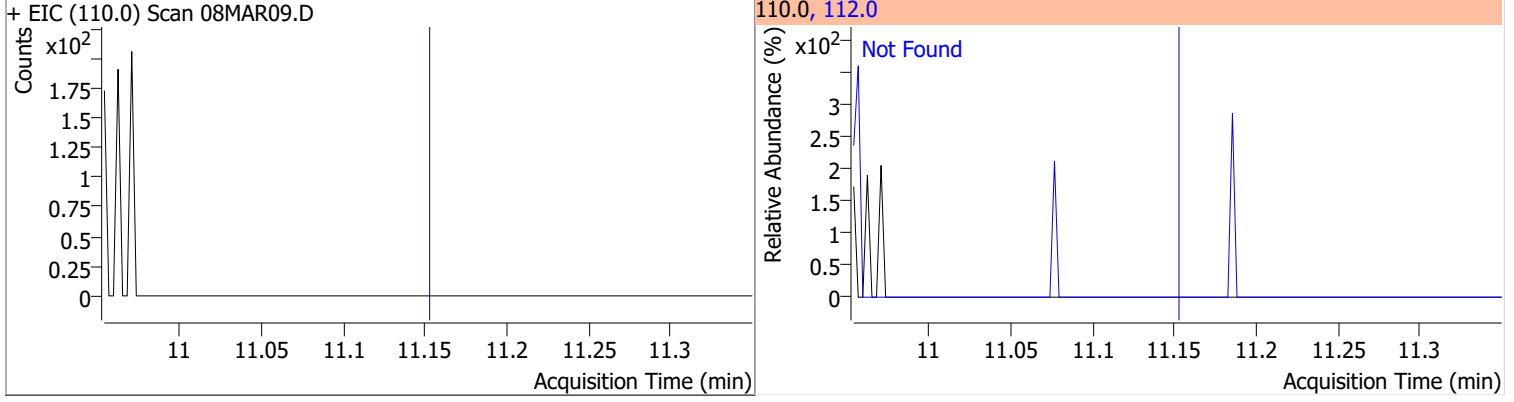
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6



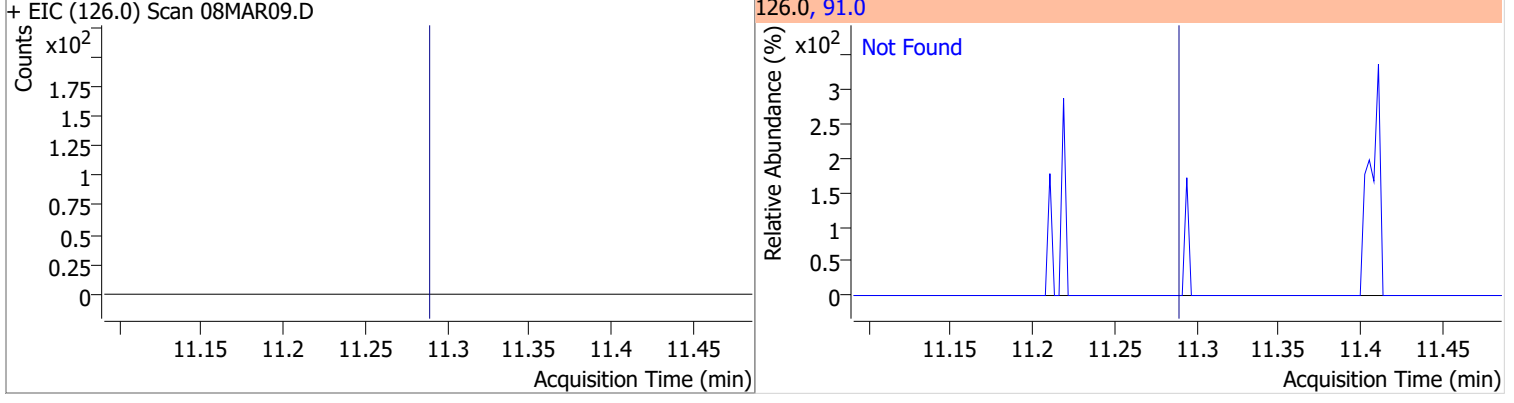
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7



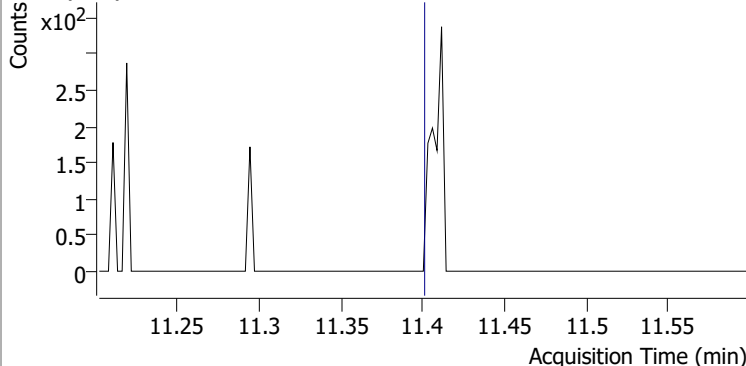
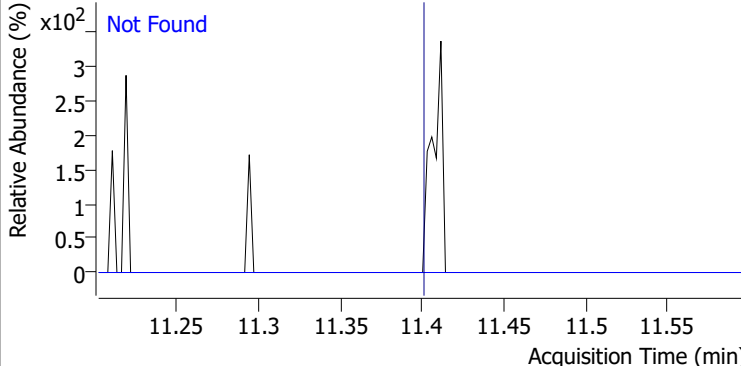
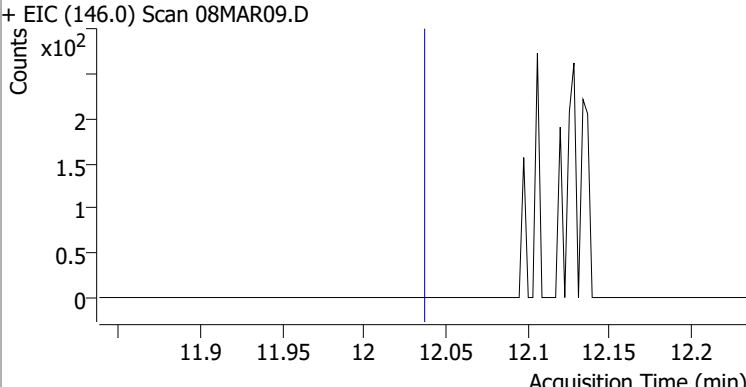
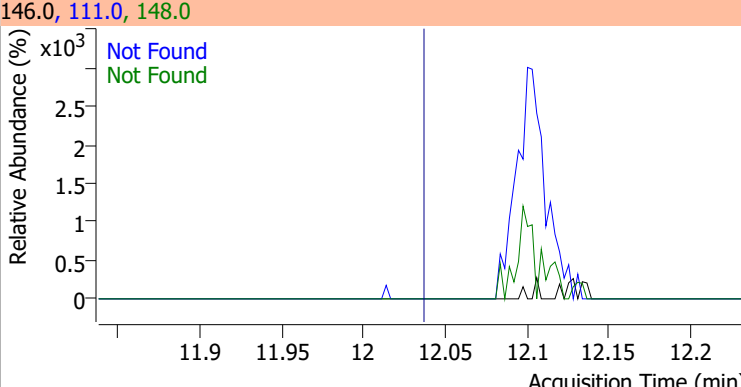
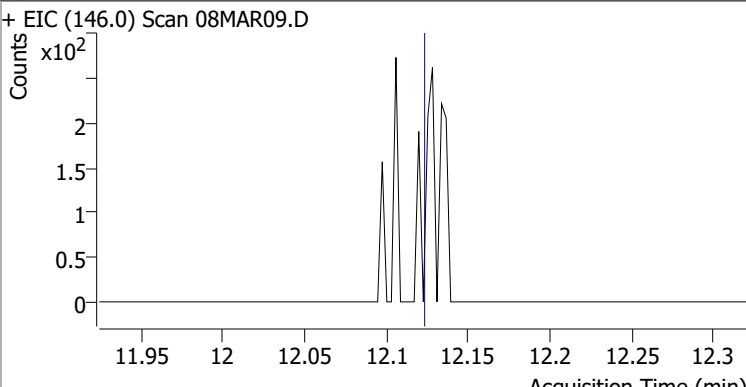
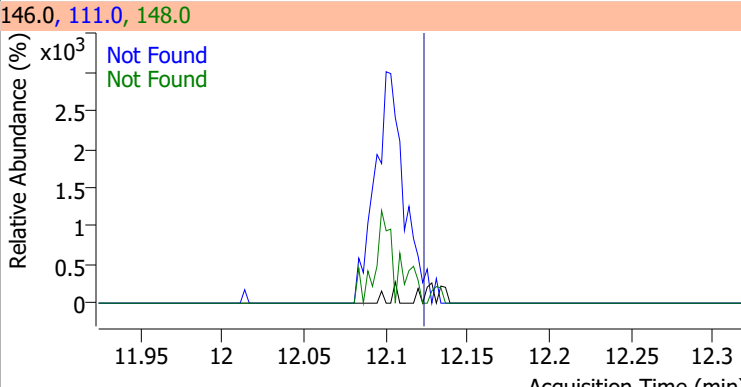
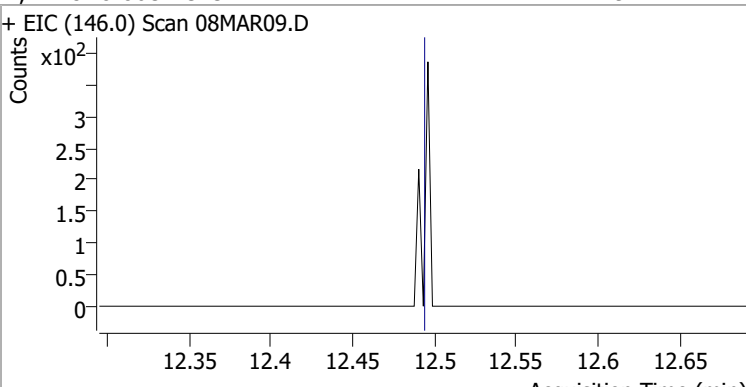
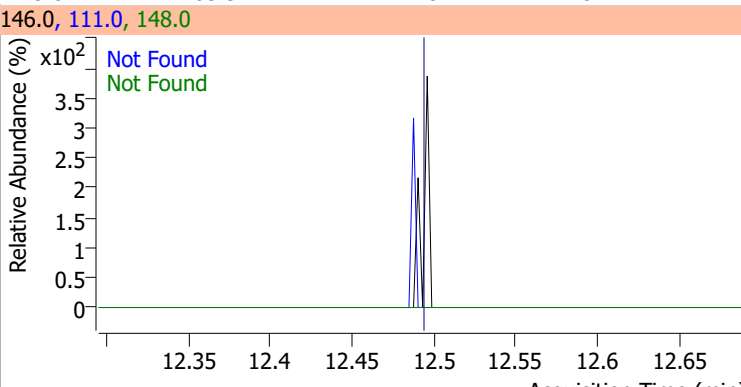
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9



Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	285.6



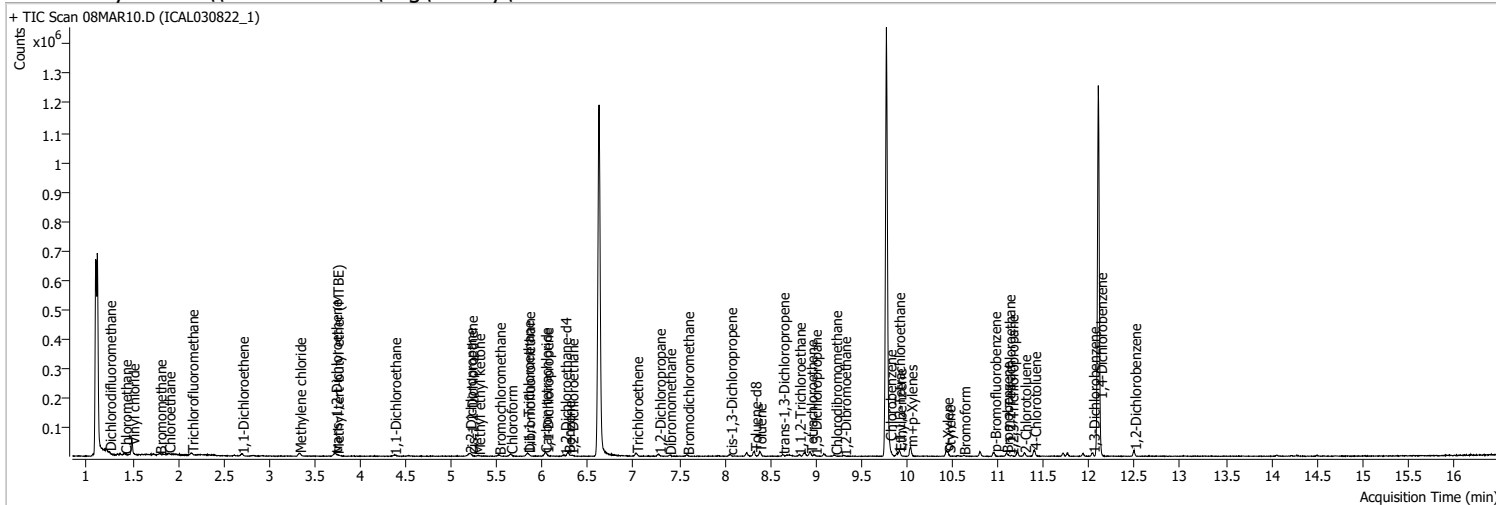
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.5
+ EIC (91.0) Scan 08MAR09.D			91.0, 126.0	
				
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3
+ EIC (146.0) Scan 08MAR09.D			146.0, 111.0, 148.0	
				
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5
+ EIC (146.0) Scan 08MAR09.D			146.0, 111.0, 148.0	
				
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9
+ EIC (146.0) Scan 08MAR09.D			146.0, 111.0, 148.0	
				



# Quantitation Results Report (QT Reviewed)

Data File	08MAR10.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/8/2022 2:50:38 PM
Sample Name	ICAL030822_1	Instrument	VOA5975C
Vial	10	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG030822_8260B.batch.bin	Last Calib Update	3/9/2022 9:53:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		



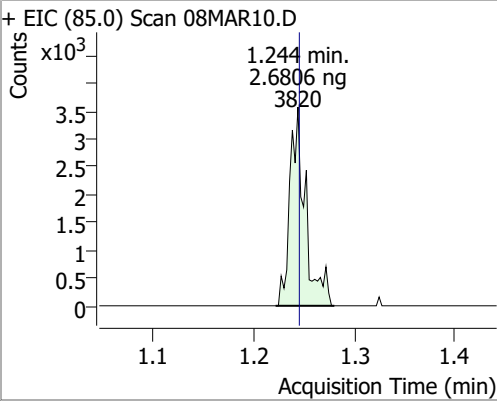
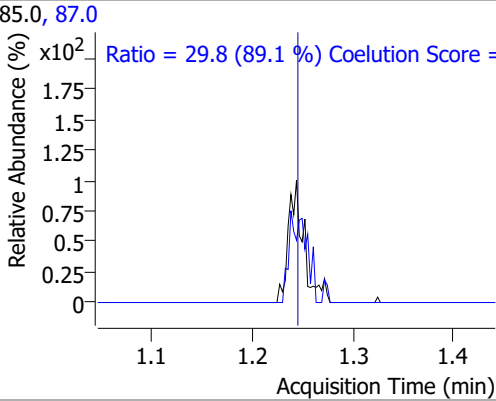
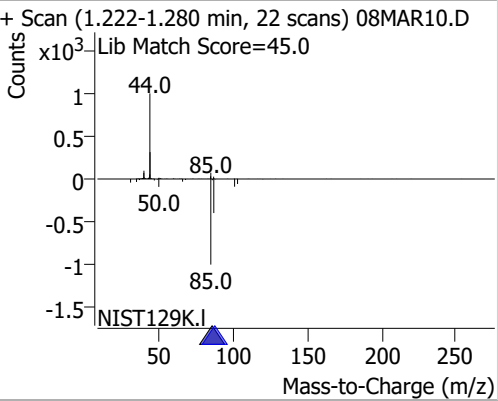
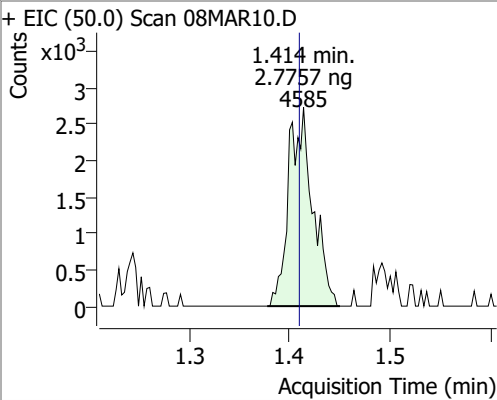
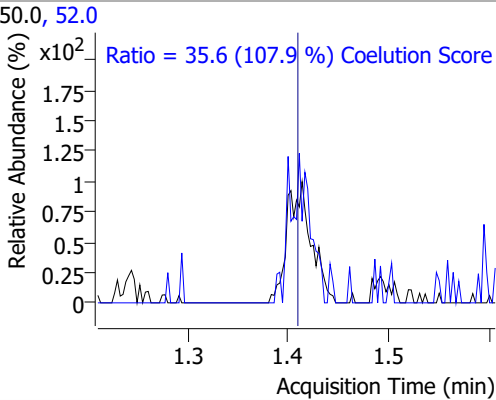
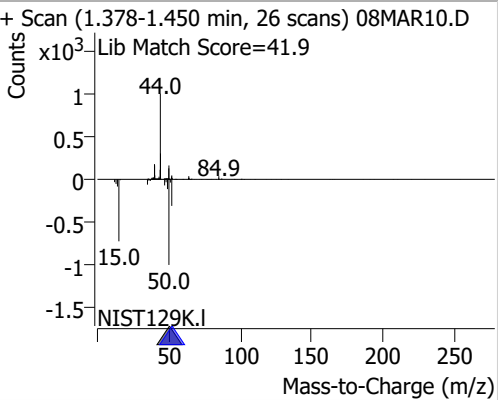
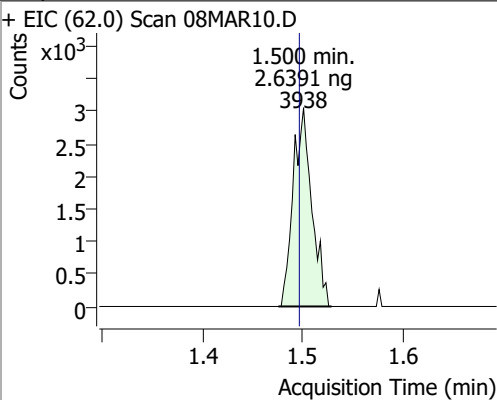
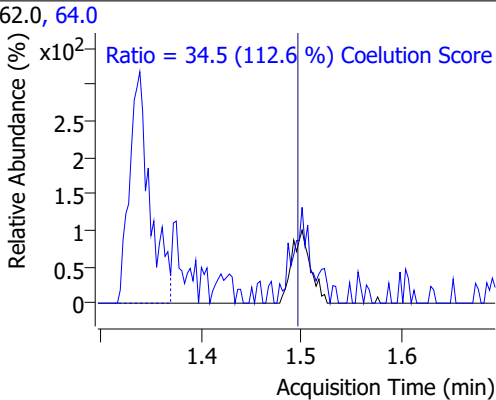
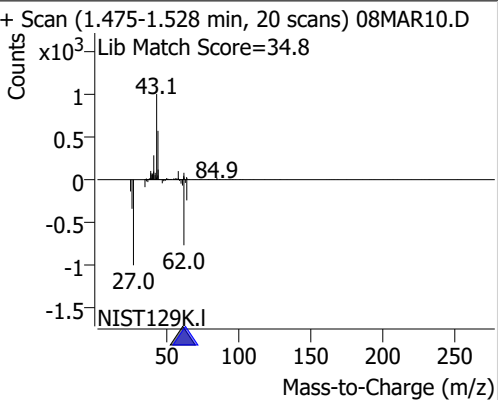
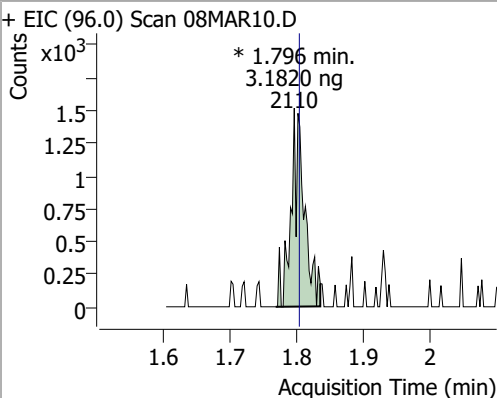
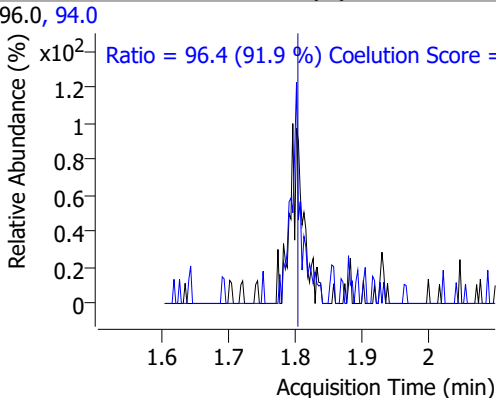
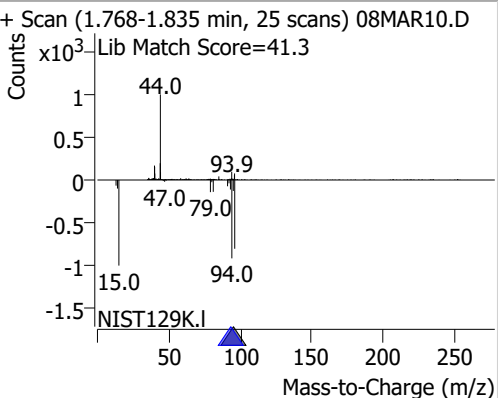
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	986828	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	385570	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	294101	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.842	113.0	2835	2.8278	ng	m 0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 1.13%		*
S 1,2-Dichloroethane-d4	6.241	67.0	1192	2.6640	ng	#m 0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 1.07%		*
S Toluene-d8	8.327	98.0	9666	5.7499	ng	0.006
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 2.30%		*
S p-Bromofluorobenzene	10.957	95.0	3853	3.5530	ng	0.008
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 1.42%		*
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.244	85.0	3820	2.6806	ng	94
T Chloromethane	1.414	50.0	4585	2.7757	ng	95
T Vinyl chloride	1.500	62.0	3938	2.6391	ng	93
T Bromomethane	1.796	96.0	2110	3.1820	ng	m 92
T Chloroethane	1.896	64.0	2604	3.2994	ng	m 98
T Trichlorofluoromethane	2.147	101.0	4706	2.4998	ng	88
T 1,1-Dichloroethene	2.699	96.0	2964	2.9604	ng	82
T Methylene chloride	3.330	49.0	7300	4.8015	ng	97
T trans-1,2-Dichloroethene	3.723	96.0	3159	3.0307	ng	# 76
T Methyl tert-butyl ether (MTBE)	3.742	73.0	3577	2.7540	ng	m 71
T 1,1-Dichloroethane	4.373	63.0	5296	2.6525	ng	m 96
T 2,2-Dichloropropane	5.198	77.0	4314	2.8038	ng	m 84
T cis-1,2-Dichloroethene	5.212	96.0	3139	2.9775	ng	m 84
T Methyl ethyl ketone	5.293	43.0	3118	22.5027	ng	m 94
T Bromochloromethane	5.522	128.0	1164	2.7695	ng	m 94
T Chloroform	5.650	83.0	5303	2.7106	ng	97

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	4273	2.2526	ng m	91
T Carbon tetrachloride	6.024	117.0	3813	2.0363	ng	80
T 1,1-Dichloropropene	6.043	75.0	3158	2.0517	ng	91
T Benzene	6.283	78.0	10018	2.4965	ng	94
T 1,2-Dichloroethane	6.319	62.0	2717	2.5056	ng	86
T Trichloroethene	7.027	95.0	3071	2.5458	ng	84
T 1,2-Dichloropropane	7.276	63.0	2542	2.4186	ng	98
T Dibromomethane	7.390	93.0	1116	2.5078	ng m	90
T Bromodichloromethane	7.588	83.0	3316	2.6683	ng	86
T cis-1,3-Dichloropropene	8.059	75.0	2995	2.2121	ng	80
T Toluene	8.383	92.0	5129	2.0162	ng	86
T trans-1,3-Dichloropropene	8.634	75.0	2439	2.4487	ng m	75
T 1,1,2-Trichloroethane	8.812	83.0	1355	2.7040	ng m	96
T Tetrachloroethene	8.940	163.8	2814	2.6119	ng	89
T 1,3-Dichloropropane	8.988	76.0	2437	2.3769	ng	94
T Chlorodibromomethane	9.211	129.0	2068	2.5522	ng m	93
T 1,2-Dibromoethane	9.311	107.0	1374	2.4488	ng m	99
T Chlorobenzene	9.808	112.0	7049	2.4862	ng	78
T 1,1,1,2-Tetrachloroethane	9.903	131.0	2292	2.3092	ng m	98
T Ethylbenzene	9.916	91.0	9912	2.9278	ng	91
T m+p-Xylenes	10.039	106.0	7306	6.1027	ng	98
T o-Xylene	10.435	106.0	3188	2.9554	ng	100
T Styrene	10.455	104.0	5372	3.2113	ng	97
T Bromoform	10.619	172.5	1238	3.1248	ng m	83
T Bromobenzene	11.090	156.0	2460	2.5169	ng	97
T 1,1,2,2-Tetrachloroethane	11.116	83.0	1654	2.9713	ng m	95
T 1,2,3-Trichloropropane	11.149	110.0	140	0.9462	ng #m	41
T 2-Chlorotoluene	11.286	126.0	1999	2.0549	ng m	95
T 4-Chlorotoluene	11.397	91.0	6602	2.0745	ng	100
T 1,3-Dichlorobenzene	12.039	146.0	4076	2.3356	ng	92
T 1,4-Dichlorobenzene	12.120	146.0	4539	2.4904	ng	92
T 1,2-Dichlorobenzene	12.493	146.0	3896	2.6347	ng	97

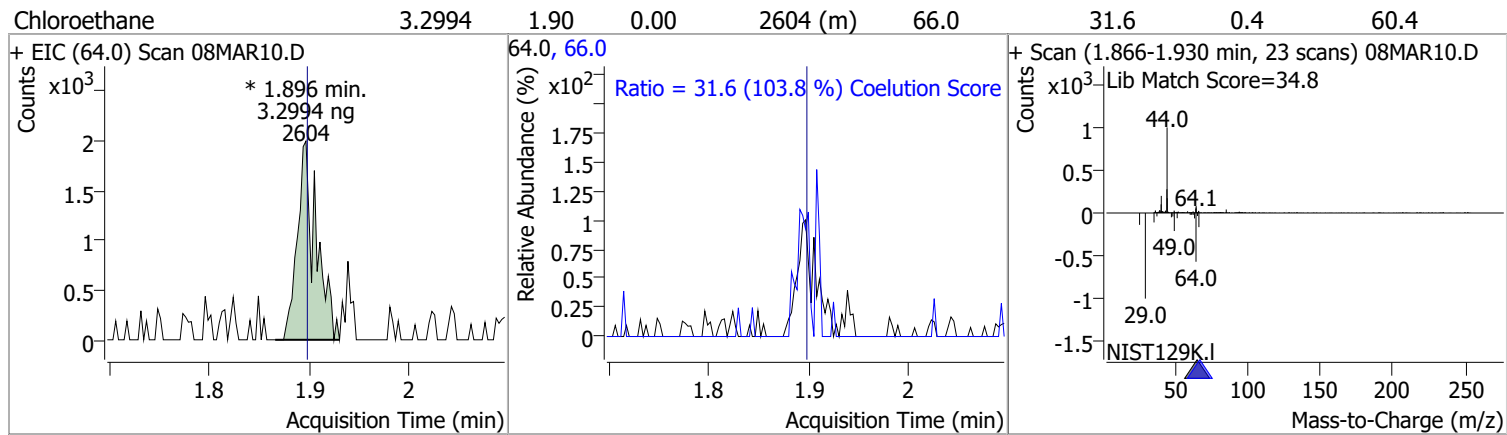
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

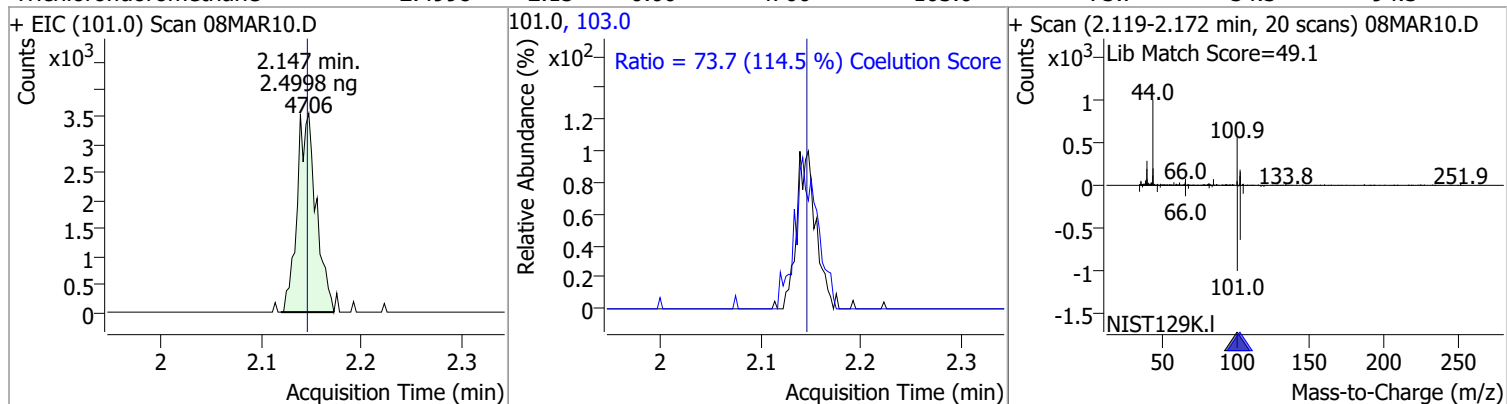
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	2.6806	1.24	0.00	3820	87.0	29.8	3.5	63.5
+ EIC (85.0) Scan 08MAR10.D 			85.0, 87.0 			+ Scan (1.222-1.280 min, 22 scans) 08MAR10.D Lib Match Score=45.0 		
Chloromethane	2.7757	1.41	0.01	4585	52.0	35.6	3.0	63.0
+ EIC (50.0) Scan 08MAR10.D 			50.0, 52.0 			+ Scan (1.378-1.450 min, 26 scans) 08MAR10.D Lib Match Score=41.9 		
Vinyl chloride	2.6391	1.50	0.01	3938	64.0	34.5	0.6	60.6
+ EIC (62.0) Scan 08MAR10.D 			62.0, 64.0 			+ Scan (1.475-1.528 min, 20 scans) 08MAR10.D Lib Match Score=34.8 		
Bromomethane	3.1820	1.80	-0.01	2110 (m)	94.0	96.4	74.8	134.8
+ EIC (96.0) Scan 08MAR10.D 			96.0, 94.0 			+ Scan (1.768-1.835 min, 25 scans) 08MAR10.D Lib Match Score=41.3 		

# Quantitation Results Report (QT Reviewed)

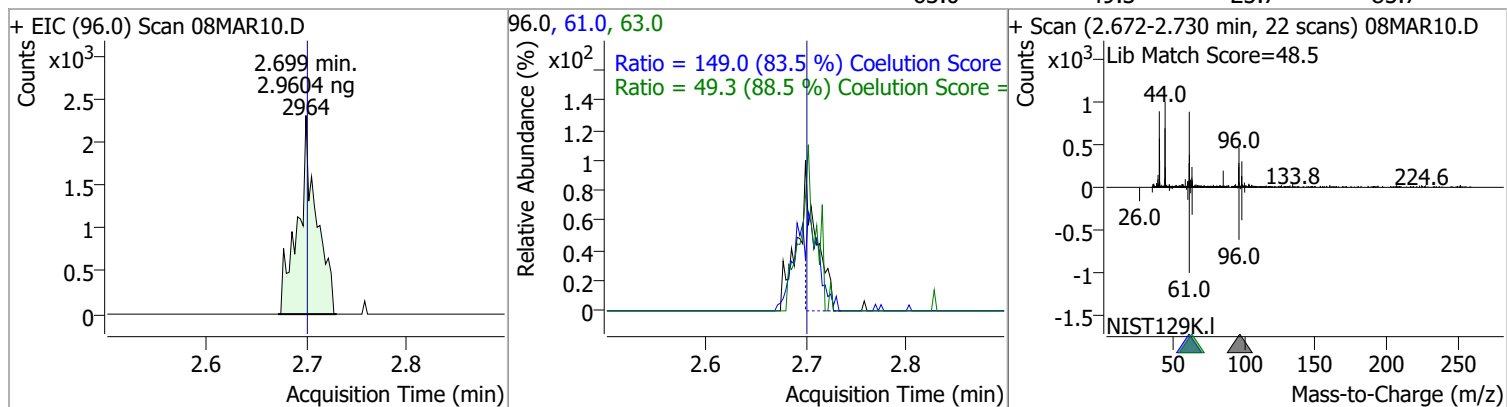
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------



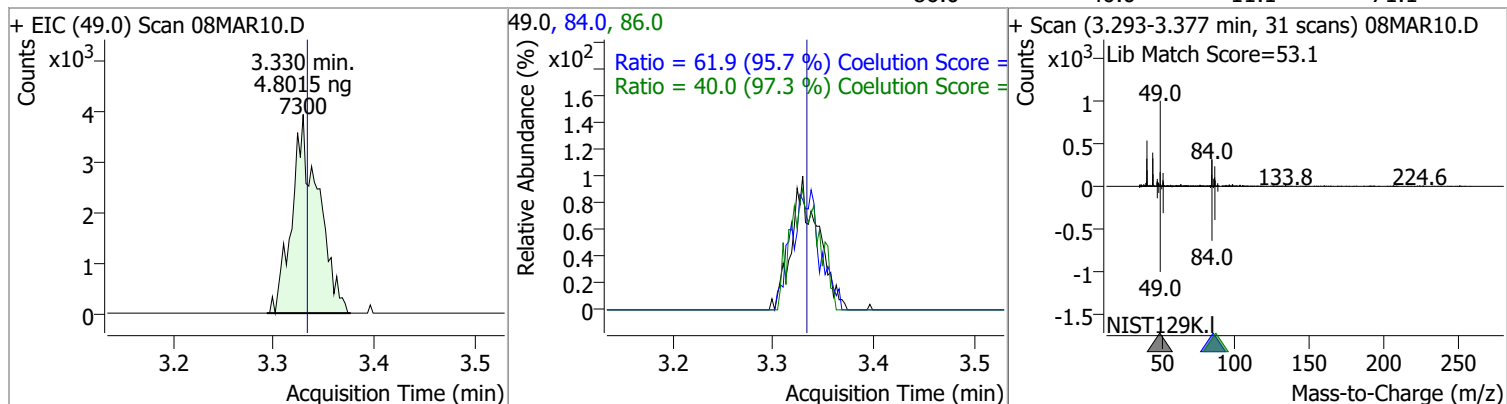
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------

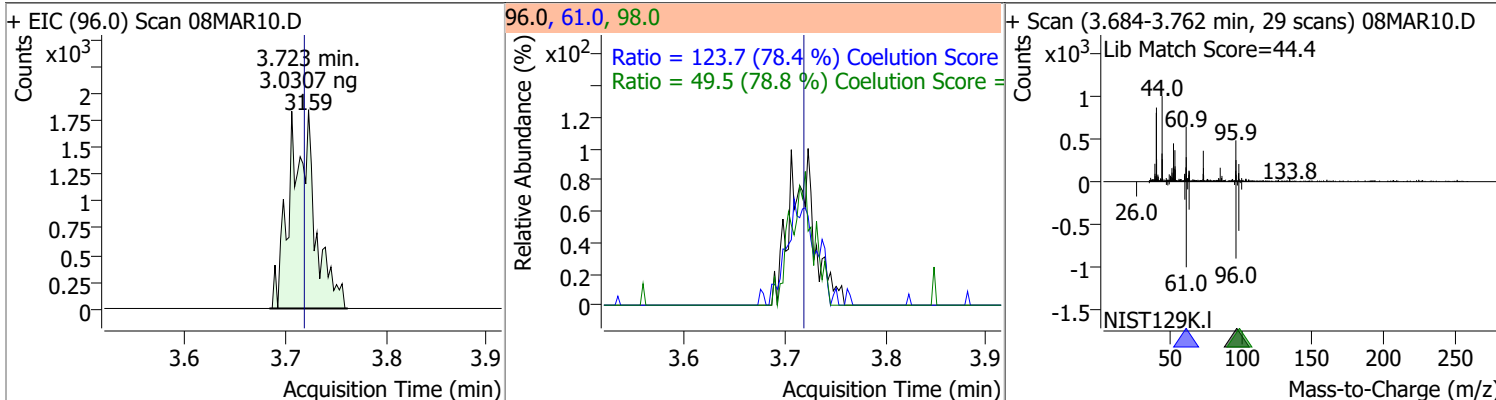


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------

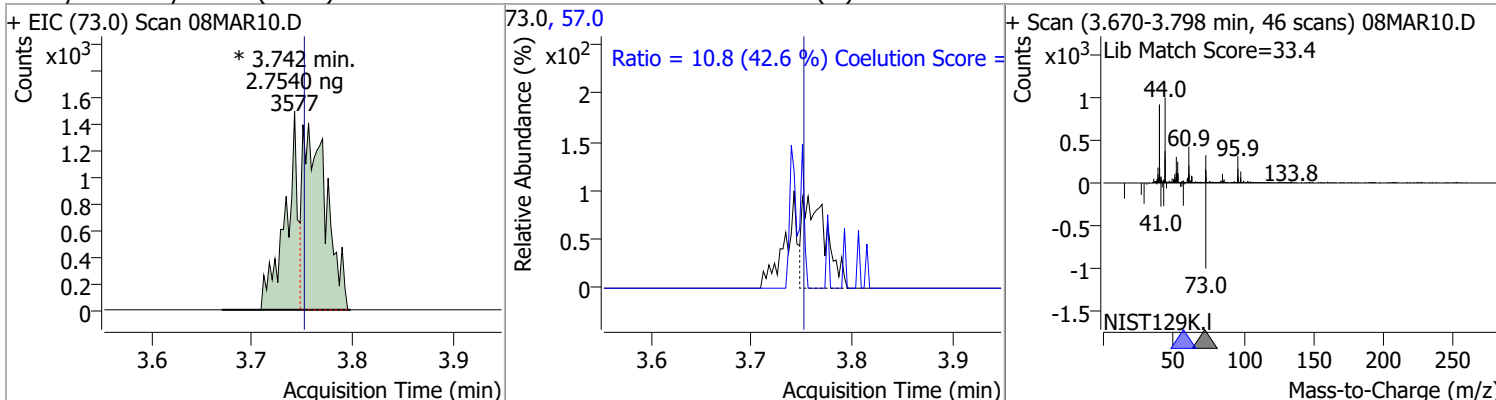


# Quantitation Results Report (QT Reviewed)

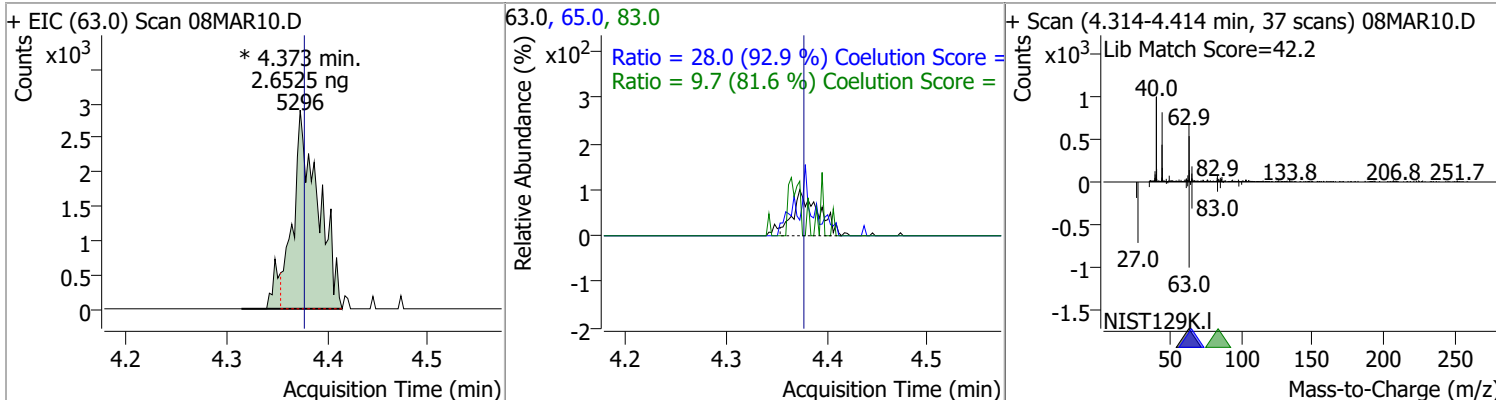
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	3.0307	3.72	0.01	3159	61.0	123.7	127.7	187.7
					98.0	49.5	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	2.7540	3.74	-0.01	3577 (m)	57.0	10.8	0.0	55.3

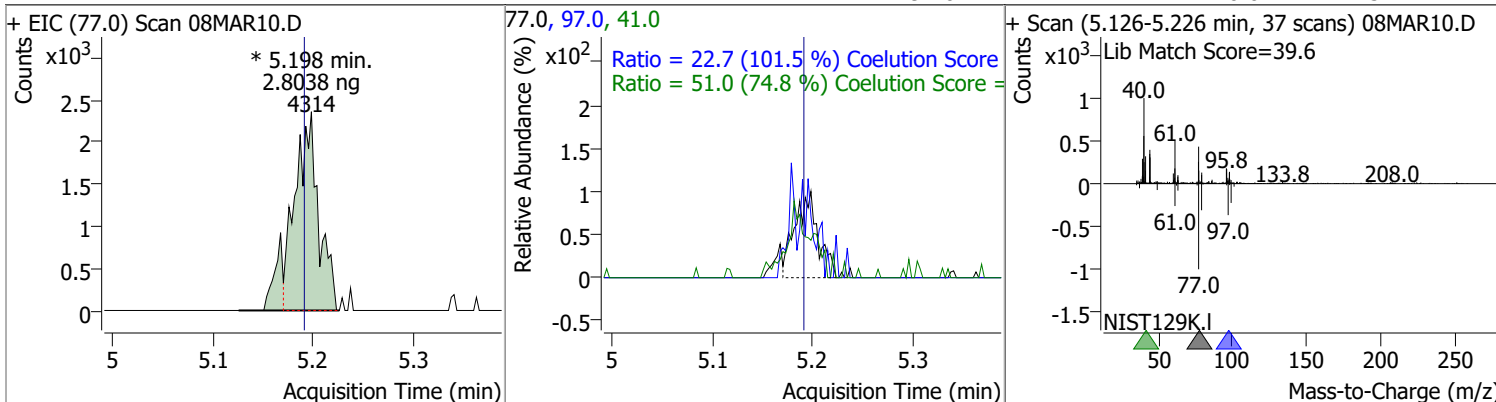


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	2.6525	4.37	0.00	5296 (m)	65.0	28.0	0.1	60.1
					83.0	9.7	0.0	41.9

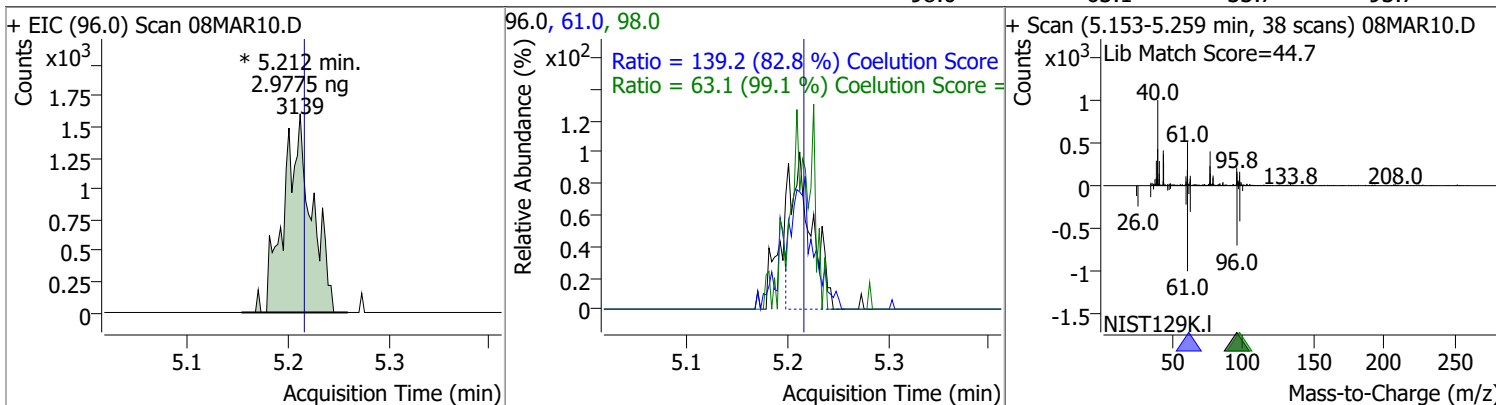


# Quantitation Results Report (QT Reviewed)

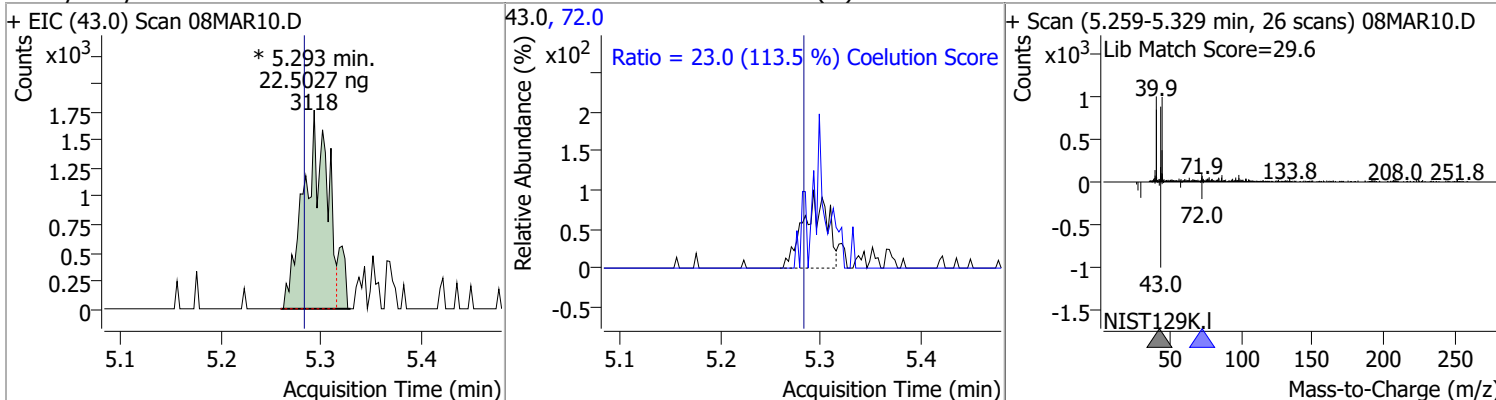
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	2.8038	5.20	0.01	4314 (m)	41.0	51.0	38.2	98.2
					97.0	22.7	0.0	52.4



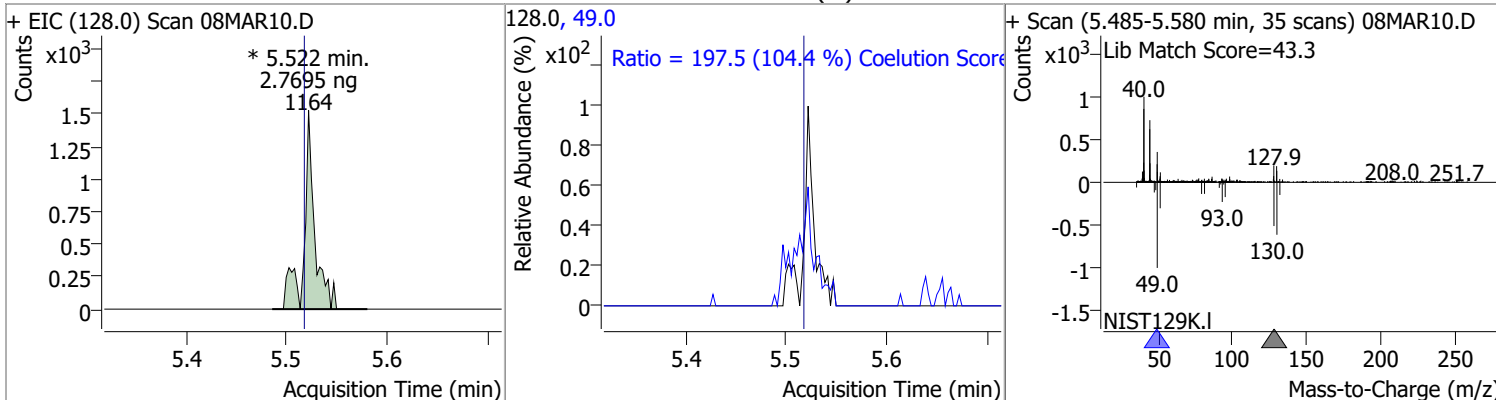
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	2.9775	5.21	0.00	3139 (m)	61.0	139.2	138.1	198.1
					98.0	63.1	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	22.5027	5.29	0.01	3118 (m)	72.0	23.0	0.0	50.3

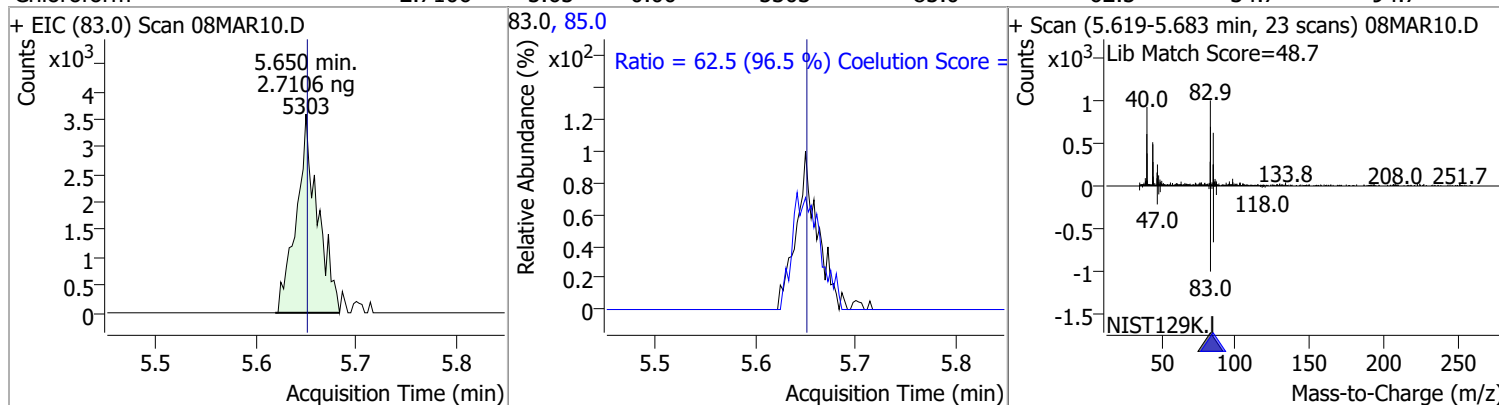


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	2.7695	5.52	0.01	1164 (m)	49.0	197.5	159.1	219.1

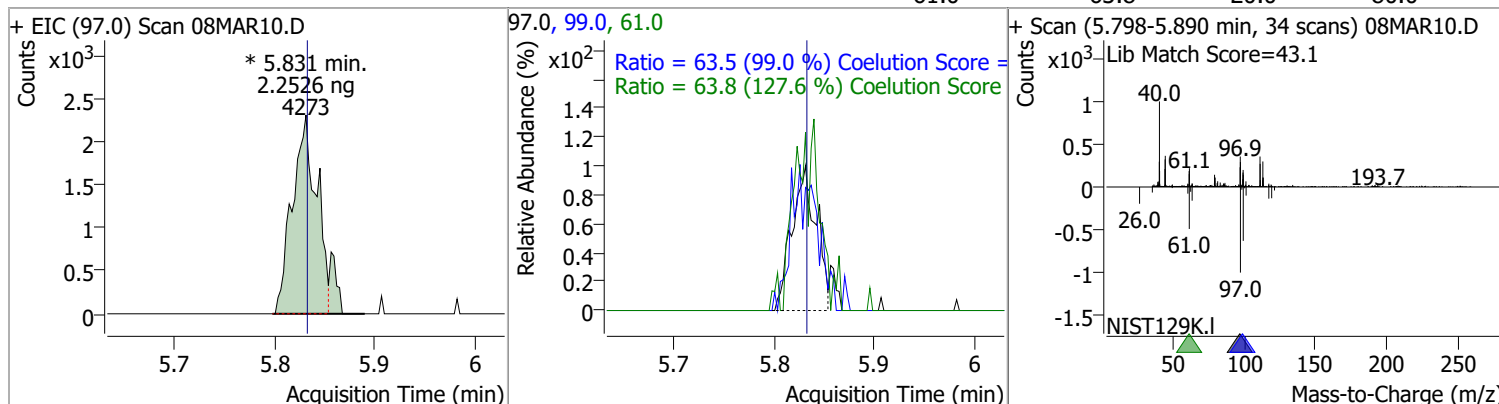


# Quantitation Results Report (QT Reviewed)

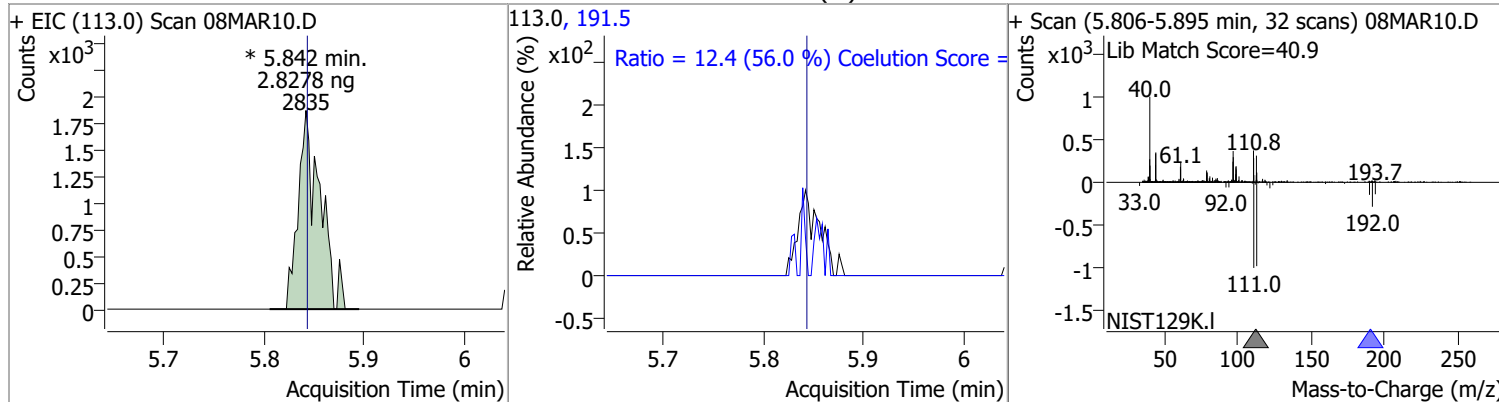
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	2.7106	5.65	0.00	5303	85.0	62.5	34.7	94.7



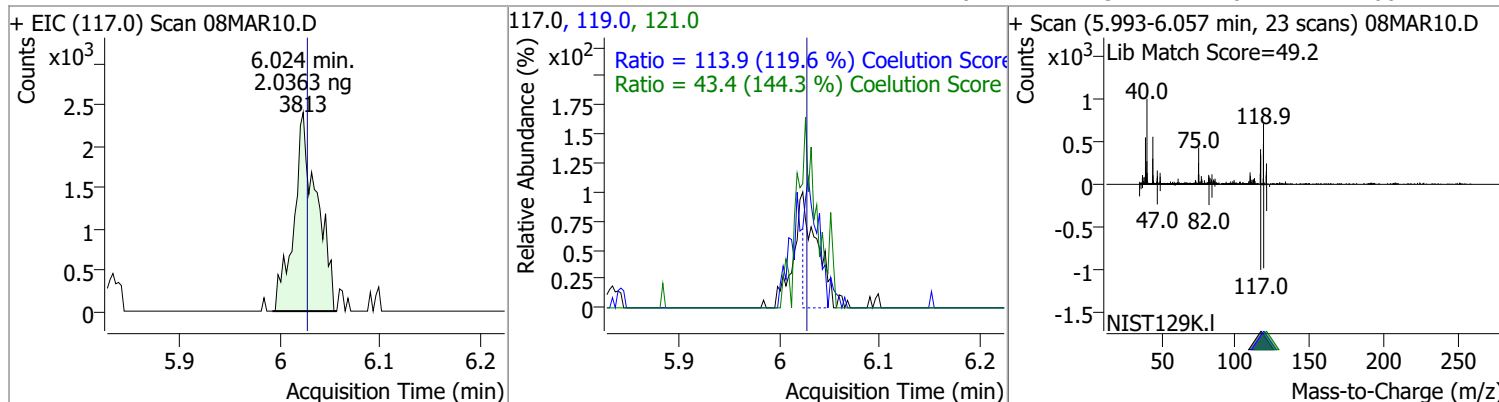
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	2.2526	5.83	0.00	4273 (m)	99.0	63.5	34.2	94.2
					61.0	63.8	20.0	80.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	2.8278	5.84	0.00	2835 (m)	191.5	12.4	0.0	52.2

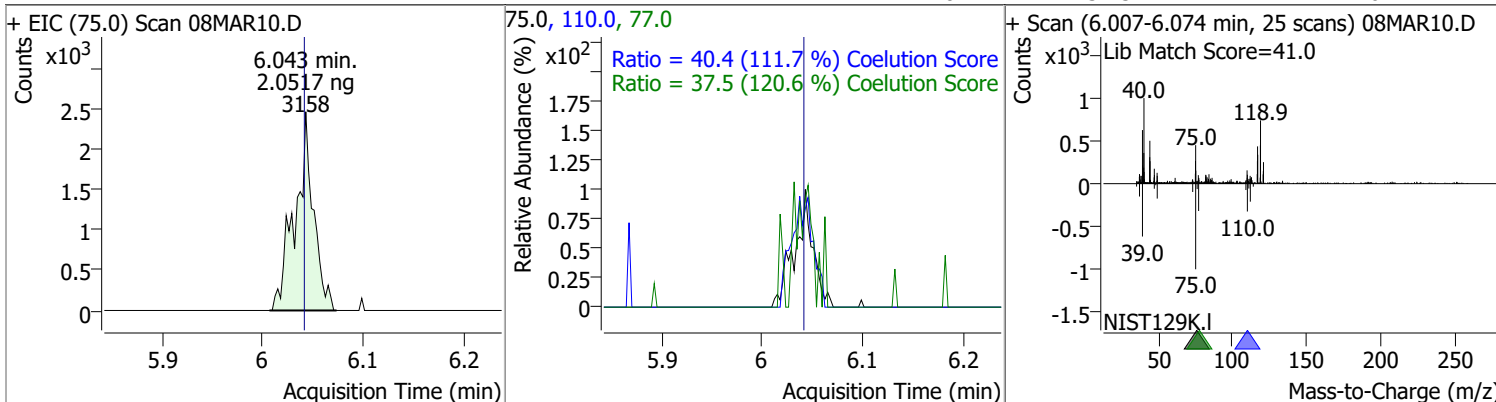


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	2.0363	6.02	0.00	3813	119.0	113.9	65.3	125.3
					121.0	43.4	0.1	60.1

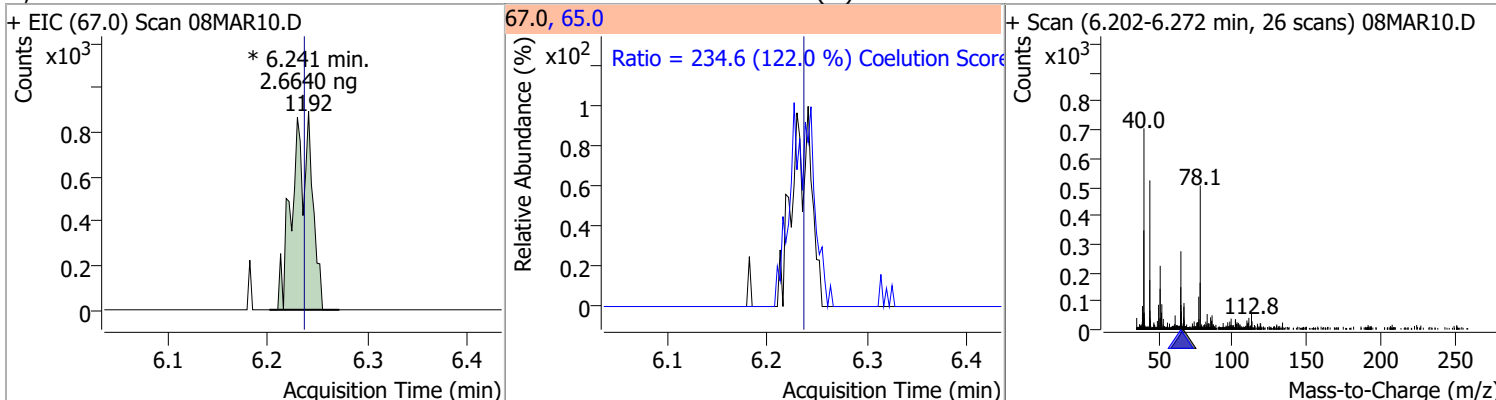


# Quantitation Results Report (QT Reviewed)

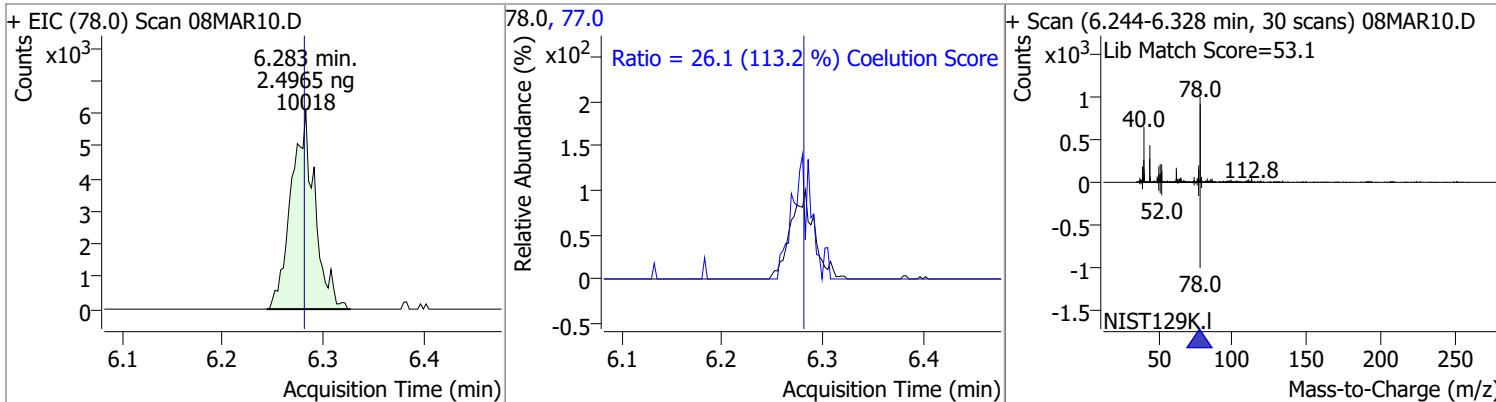
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	2.0517	6.04	0.00	3158	110.0	40.4	6.1	66.1
					77.0	37.5	1.1	61.1



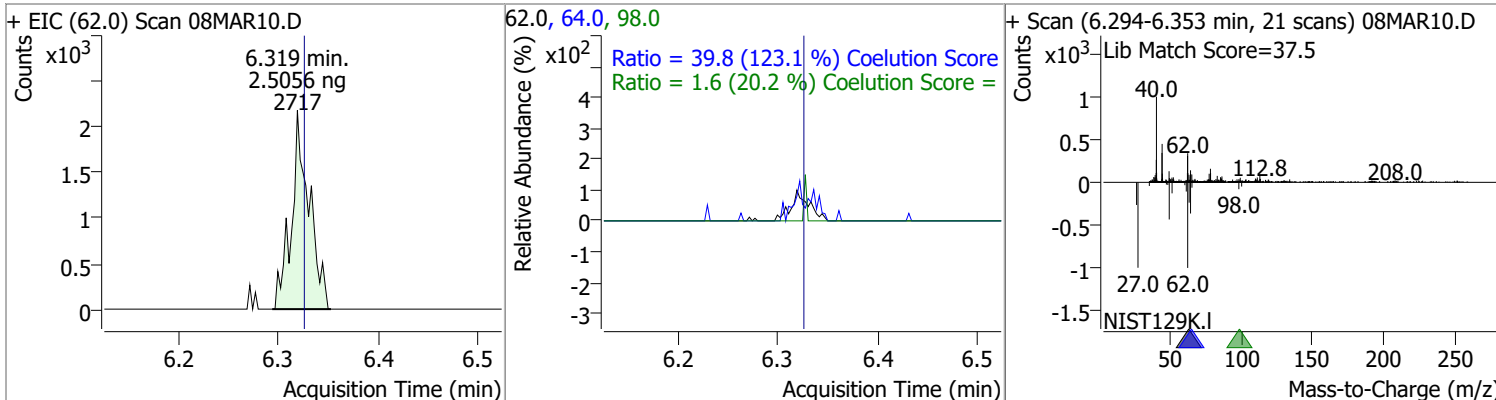
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	2.6640	6.24	0.01	1192 (m)	65.0	234.6	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	2.4965	6.28	0.00	10018	77.0	26.1	0.0	53.0



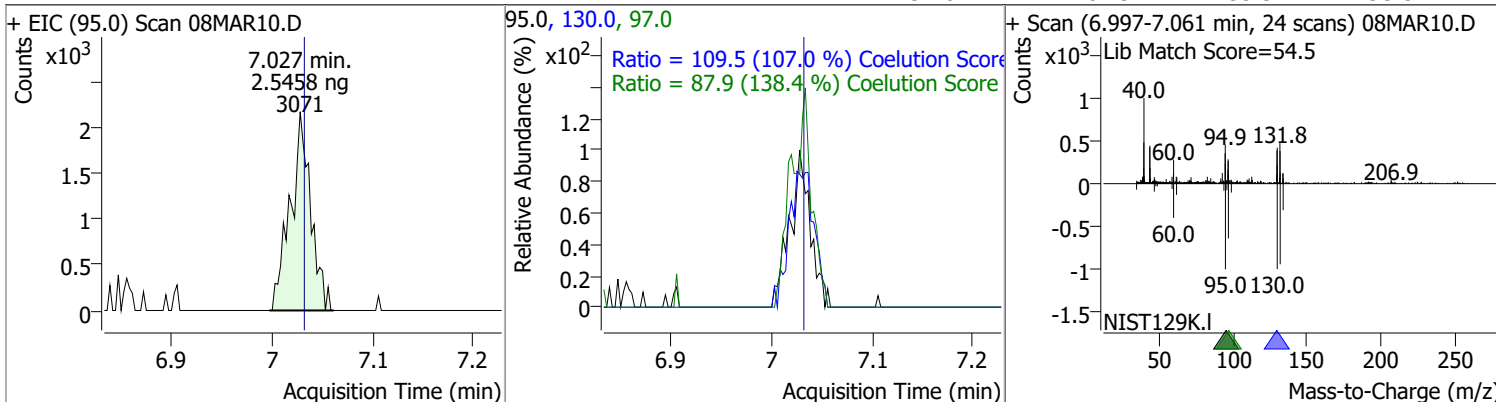
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	2.5056	6.32	-0.01	2717	64.0	39.8	2.3	62.3
					98.0	1.6	0.0	38.0



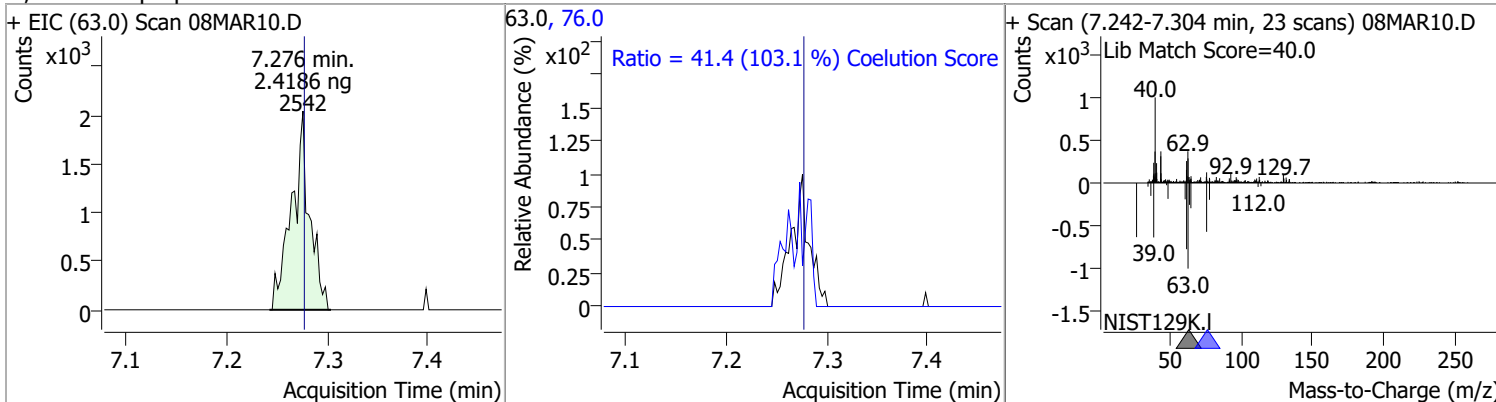


# Quantitation Results Report (QT Reviewed)

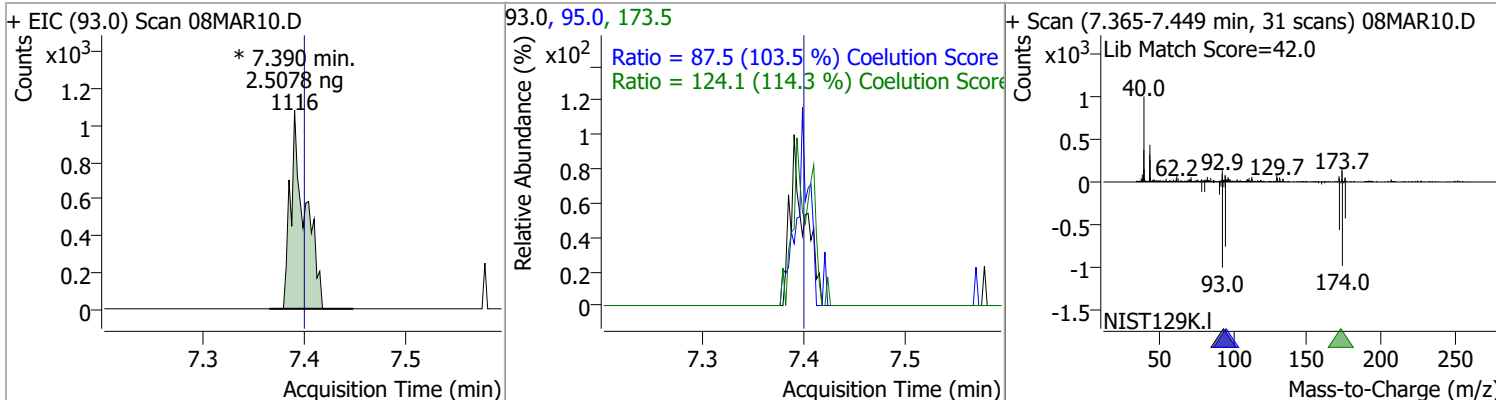
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	2.5458	7.03	0.00	3071	130.0	109.5	72.3	132.3
					97.0	87.9	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	2.4186	7.28	0.00	2542	76.0	41.4	10.1	70.1
					63.0	103.1	39.0	70.1

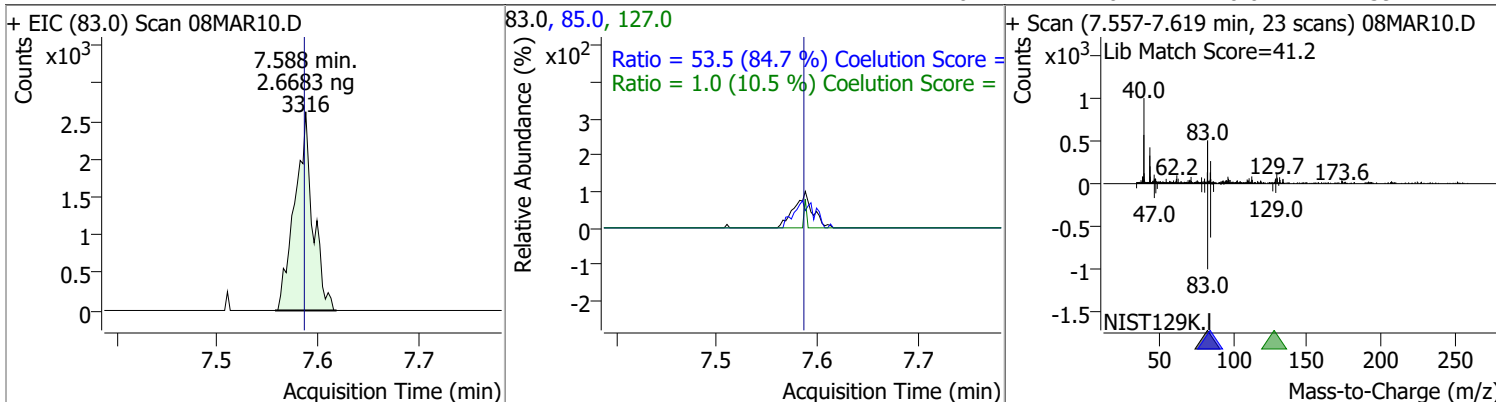


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	2.5078	7.39	-0.01	1116 (m)	173.5	124.1	78.6	138.6
					95.0	87.5	54.5	114.5

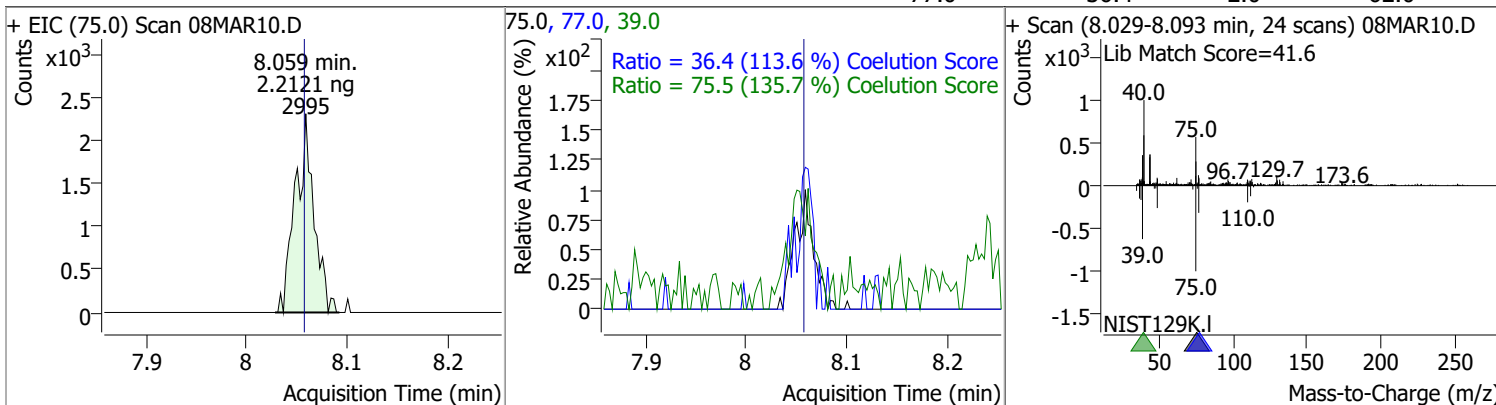


# Quantitation Results Report (QT Reviewed)

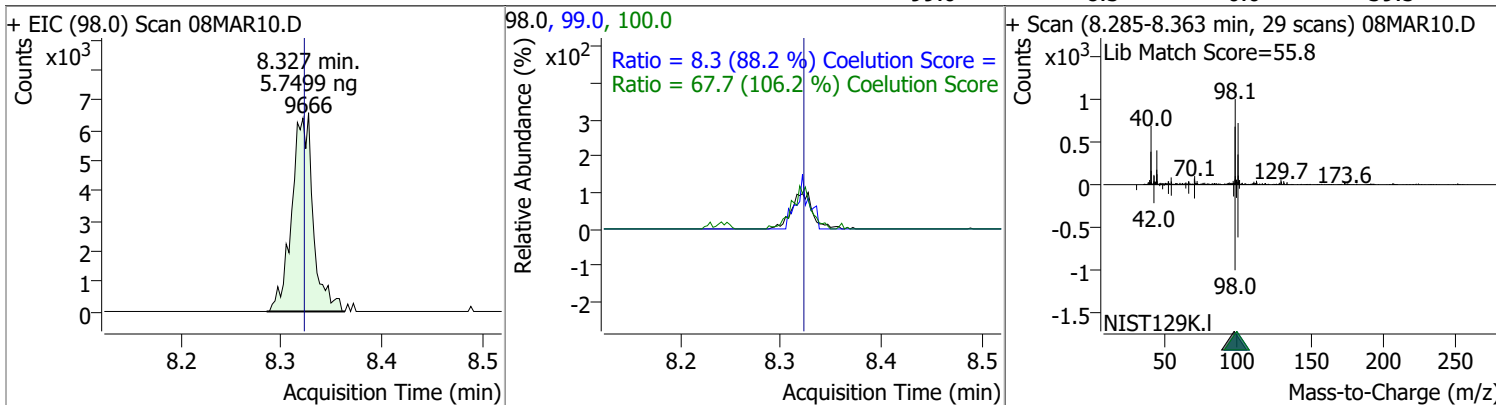
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	2.6683	7.59	0.00	3316	85.0	53.5	33.2	93.2
					127.0	1.0	0.0	39.4



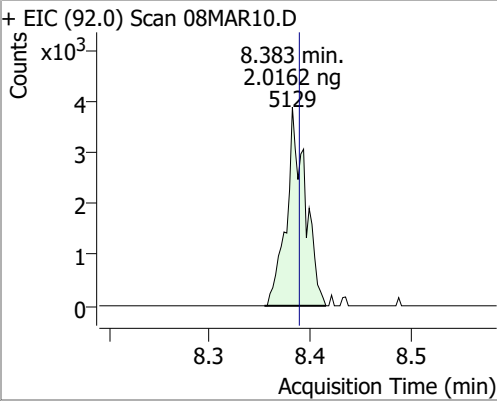
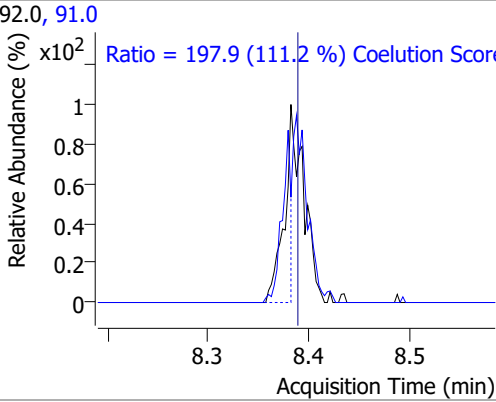
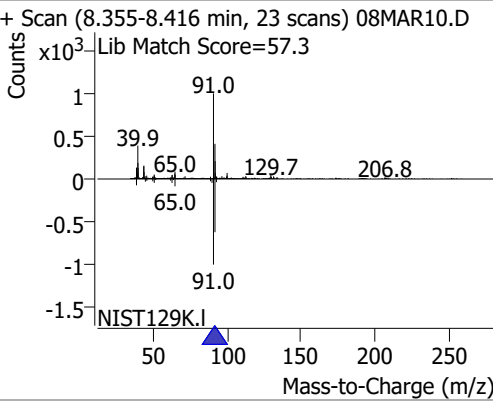
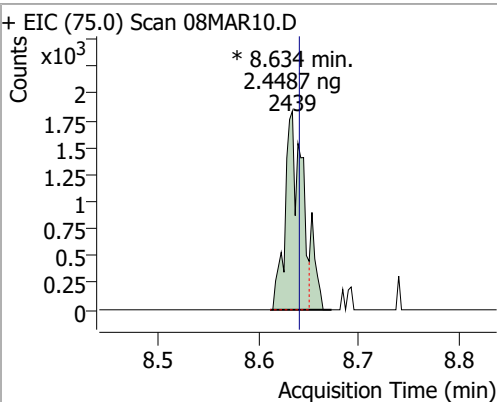
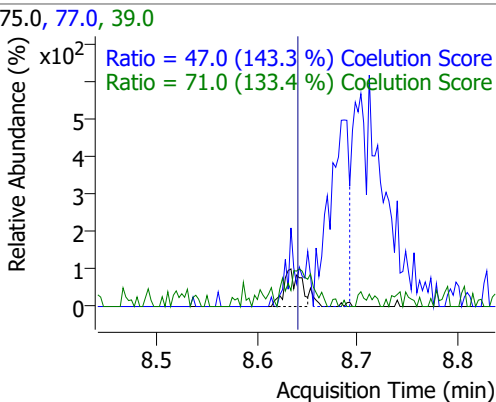
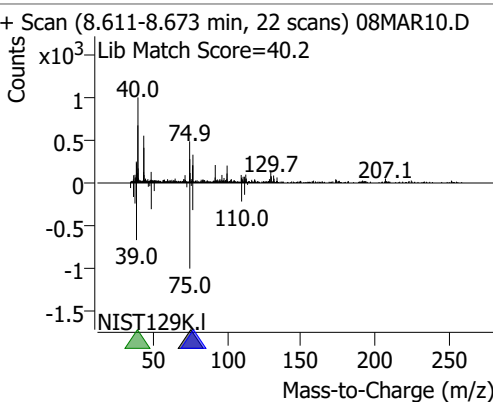
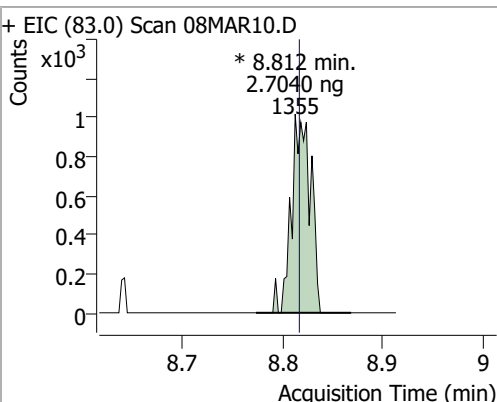
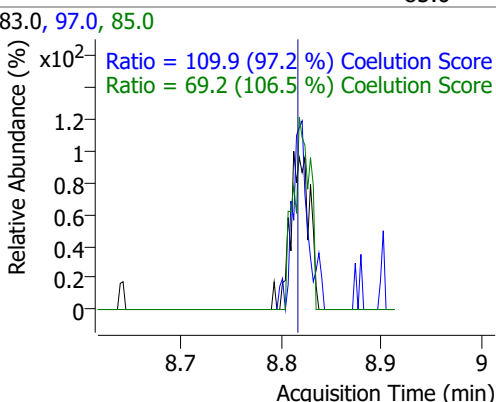
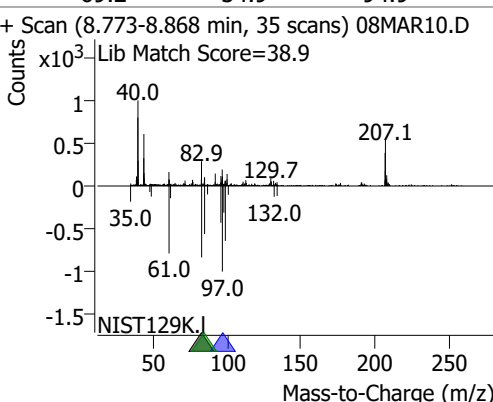
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	2.2121	8.06	0.00	2995	39.0	75.5	25.6	85.6
					77.0	36.4	2.0	62.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	5.7499	8.33	0.01	9666	100.0	67.7	33.7	93.7
					99.0	8.3	0.0	39.5

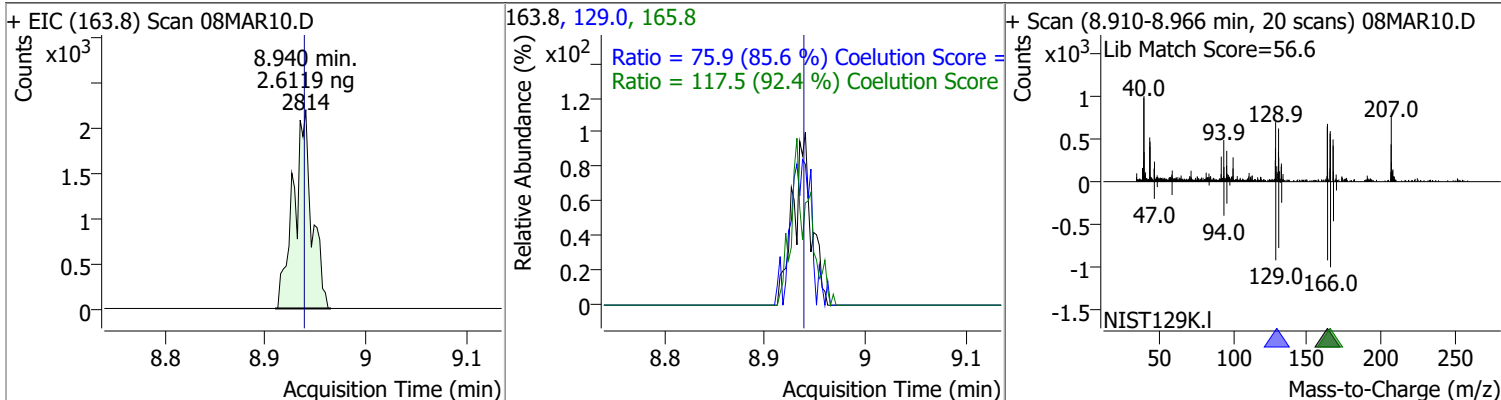


# Quantitation Results Report (QT Reviewed)

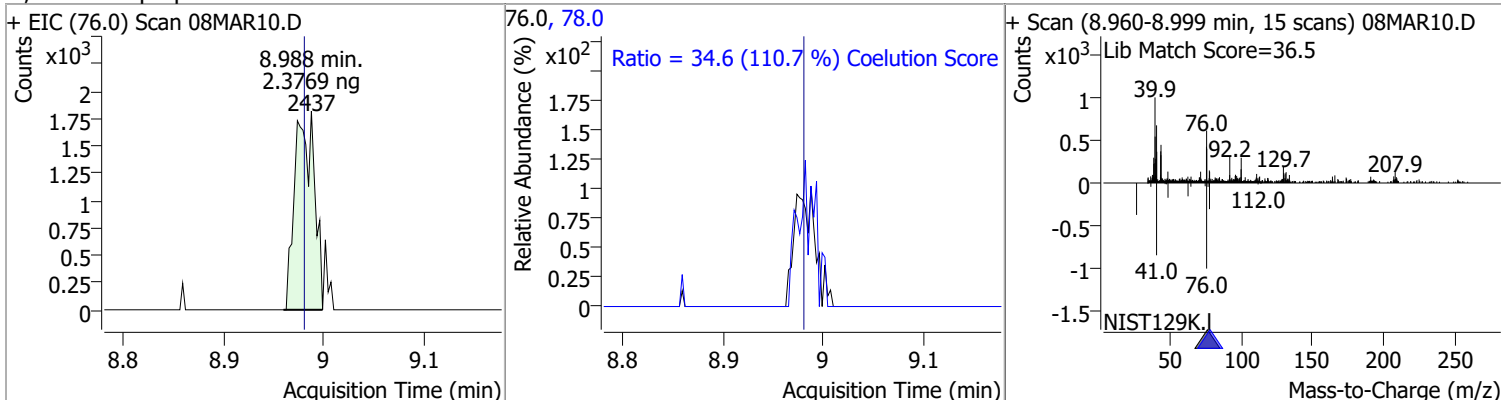
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.0162	8.38	-0.01	5129	91.0	197.9	147.9	207.9
+ EIC (92.0) Scan 08MAR10.D			92.0, 91.0			+ Scan (8.355-8.416 min, 23 scans) 08MAR10.D		
								
trans-1,3-Dichloropropene	2.4487	8.63	-0.01	2439 (m)	39.0	71.0	23.2	83.2
+ EIC (75.0) Scan 08MAR10.D			75.0, 77.0, 39.0			+ Scan (8.611-8.673 min, 22 scans) 08MAR10.D		
								
1,1,2-Trichloroethane	2.7040	8.81	0.00	1355 (m)	97.0	109.9	83.0	143.0
+ EIC (83.0) Scan 08MAR10.D			83.0, 97.0, 85.0			+ Scan (8.773-8.868 min, 35 scans) 08MAR10.D		
								

# Quantitation Results Report (QT Reviewed)

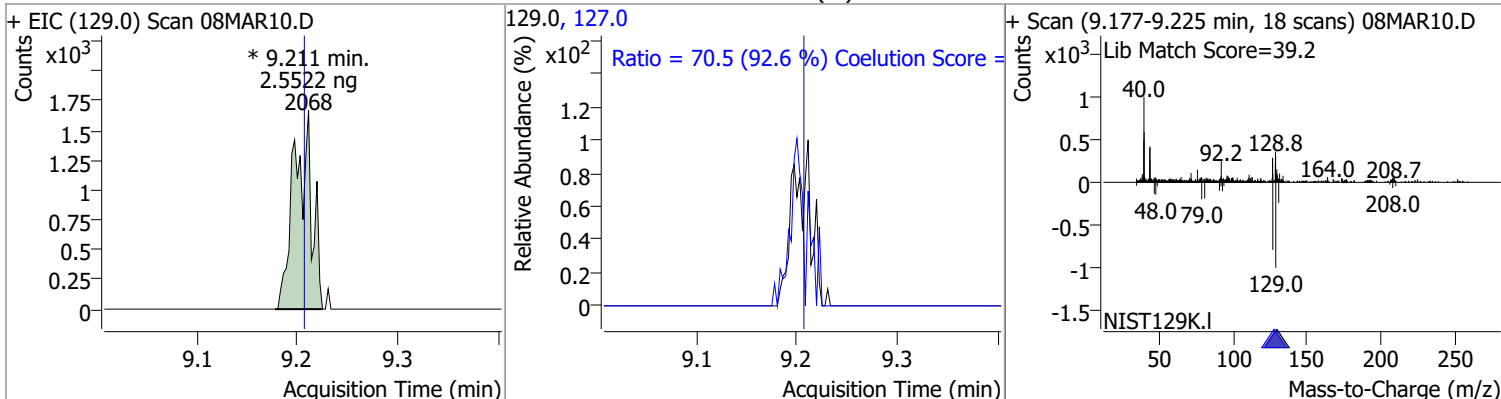
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	2.6119	8.94	0.00	2814	165.8	117.5	97.2	157.2
					129.0	75.9	58.6	118.6



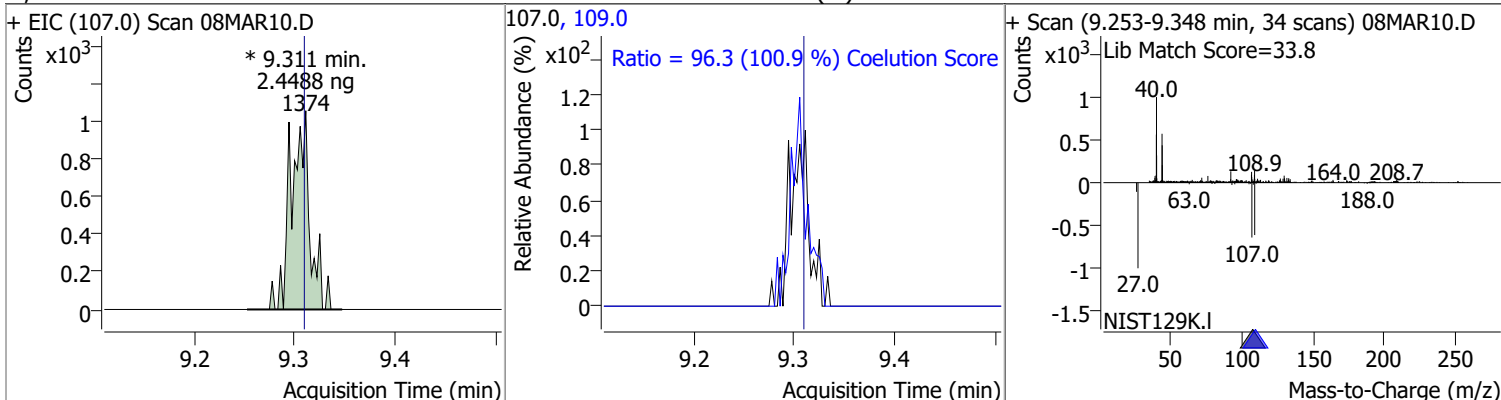
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	2.3769	8.99	0.01	2437	78.0	34.6	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	2.5522	9.21	0.01	2068 (m)	127.0	70.5	46.1	106.1

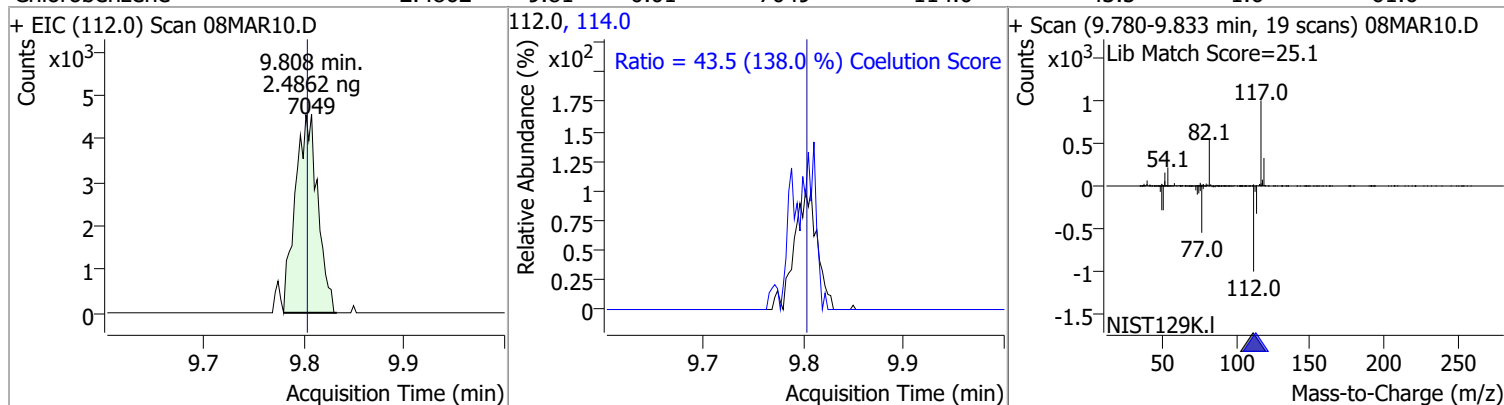


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	2.4488	9.31	0.00	1374 (m)	109.0	96.3	65.4	125.4

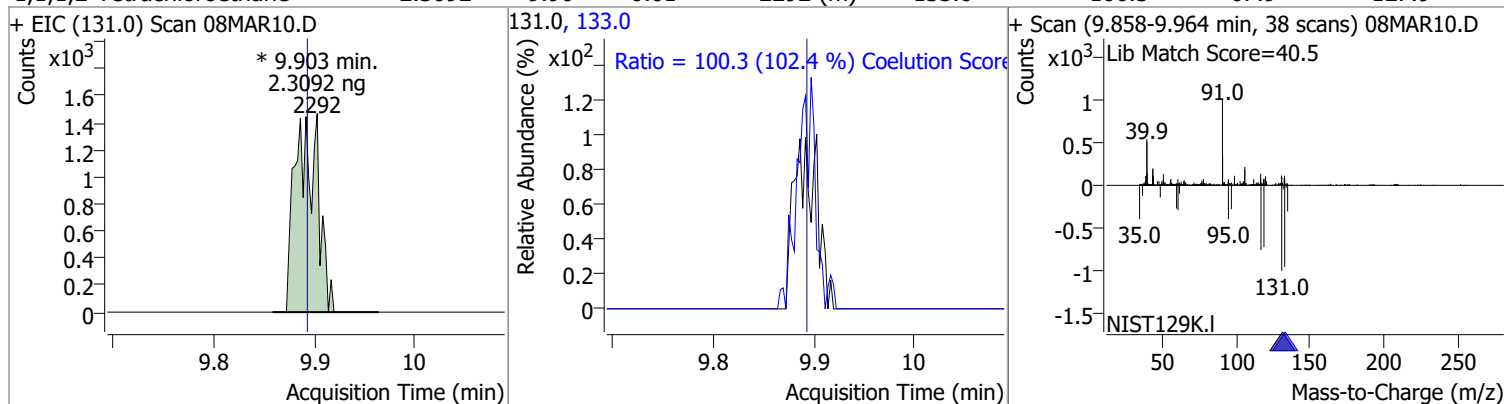


# Quantitation Results Report (QT Reviewed)

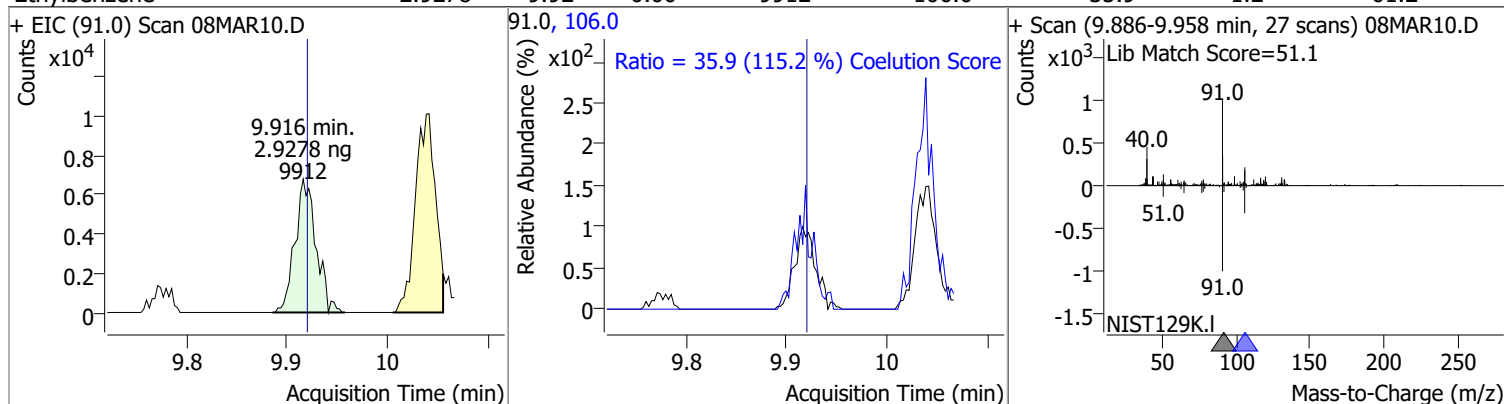
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	2.4862	9.81	0.01	7049	114.0	43.5	1.6	61.6



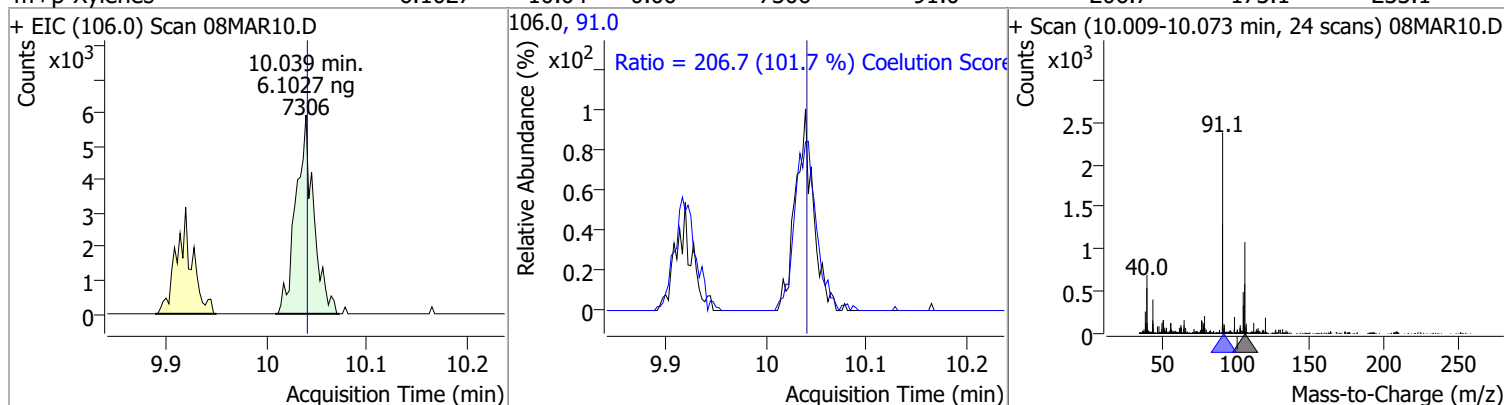
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	2.3092	9.90	0.01	2292 (m)	133.0	100.3	67.9	127.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	2.9278	9.92	0.00	9912	106.0	35.9	1.2	61.2

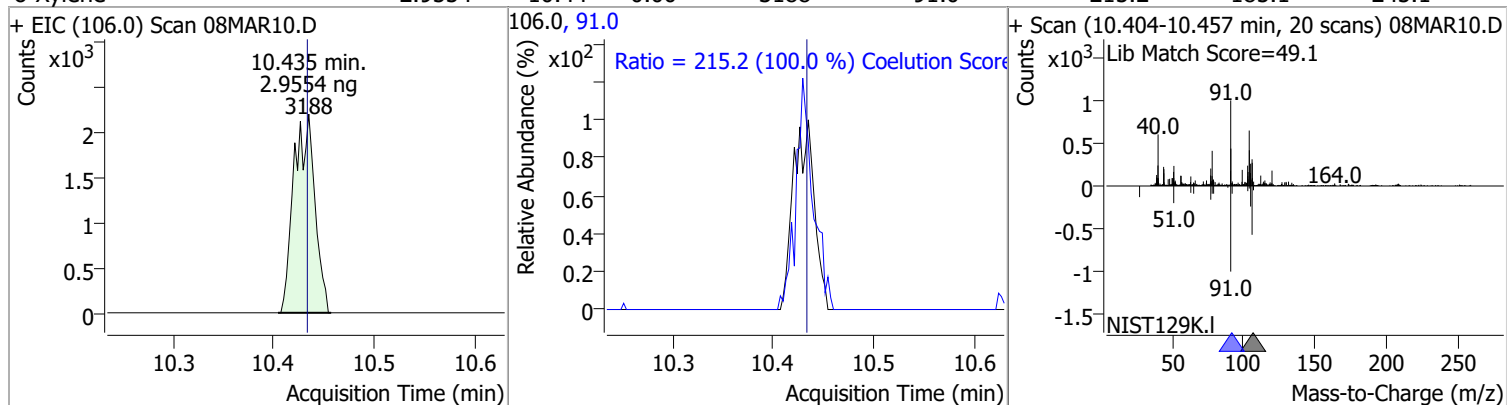


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	6.1027	10.04	0.00	7306	91.0	206.7	173.1	233.1

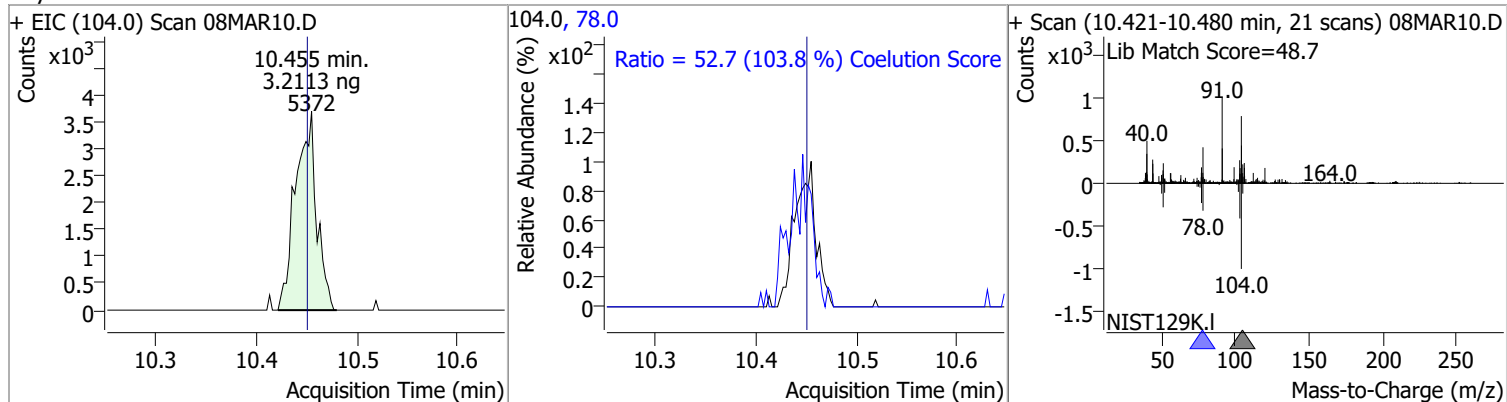


# Quantitation Results Report (QT Reviewed)

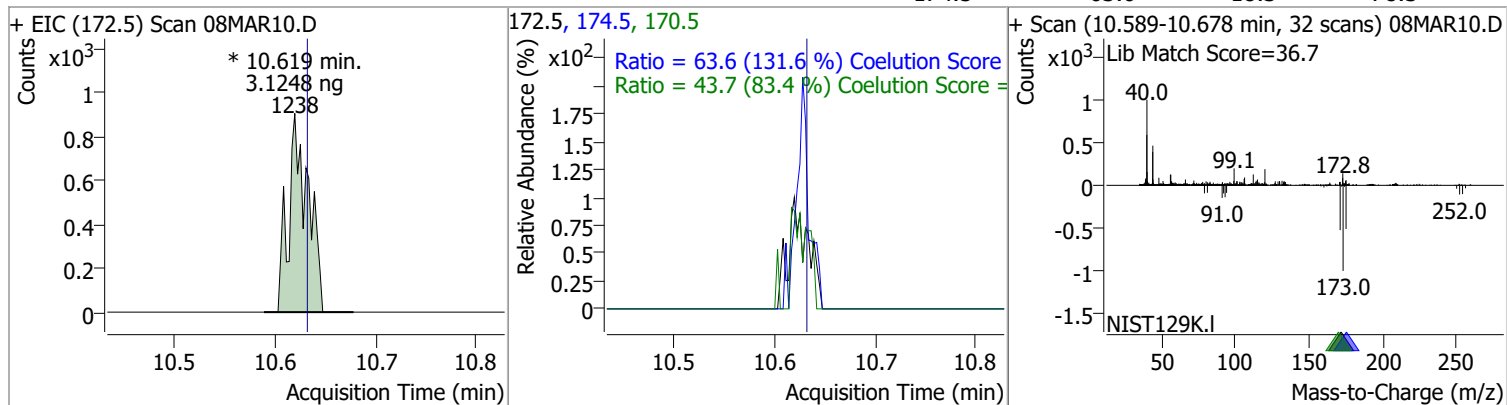
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	2.9554	10.44	0.00	3188	91.0	215.2	185.1	245.1



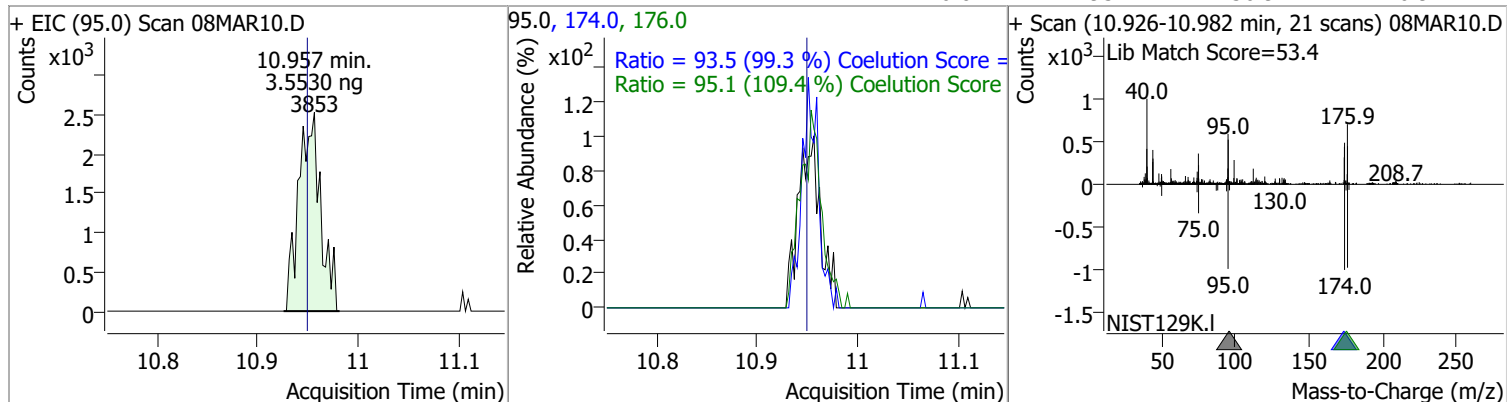
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	3.2113	10.45	0.01	5372	78.0	52.7	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	3.1248	10.62	-0.01	1238 (m)	170.5	43.7	22.5	82.5
					174.5	63.6	18.3	78.3

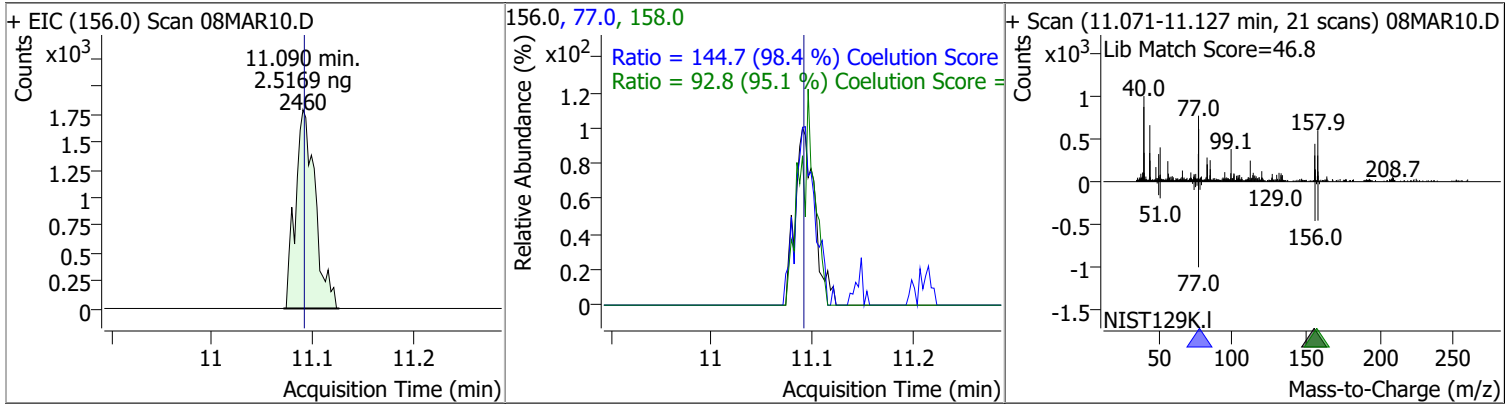


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	3.5530	10.96	0.01	3853	174.0	93.5	64.2	124.2
					176.0	95.1	56.9	116.9

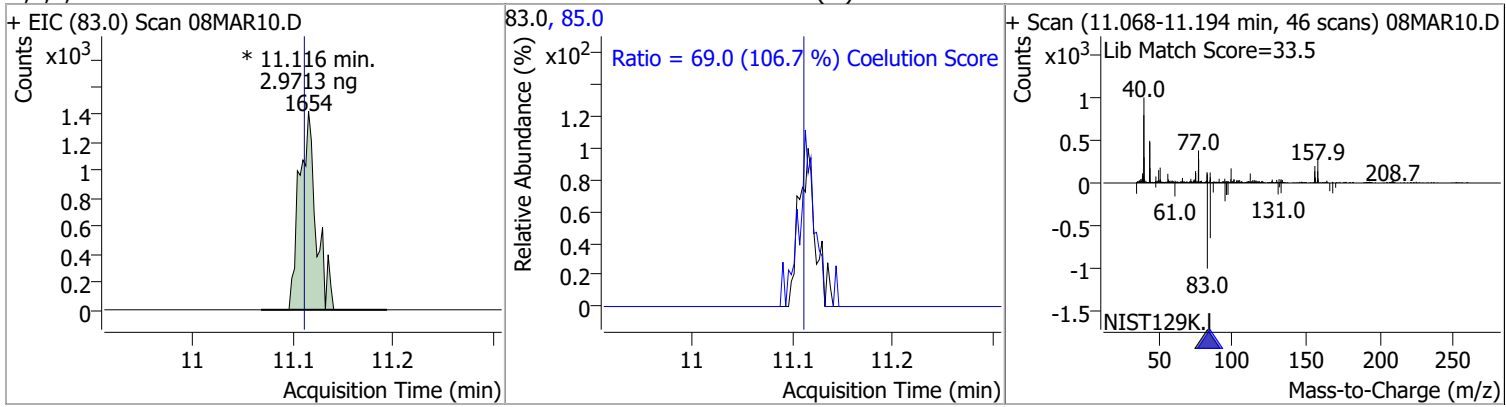


# Quantitation Results Report (QT Reviewed)

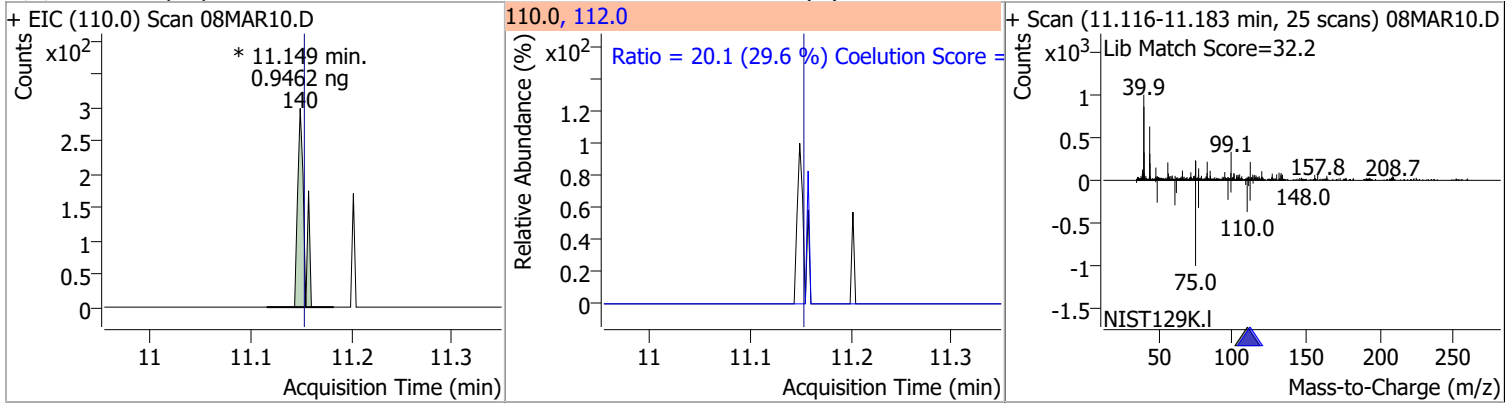
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	2.5169	11.09	0.00	2460	77.0	144.7	117.1	177.1
					158.0	92.8	67.6	127.6



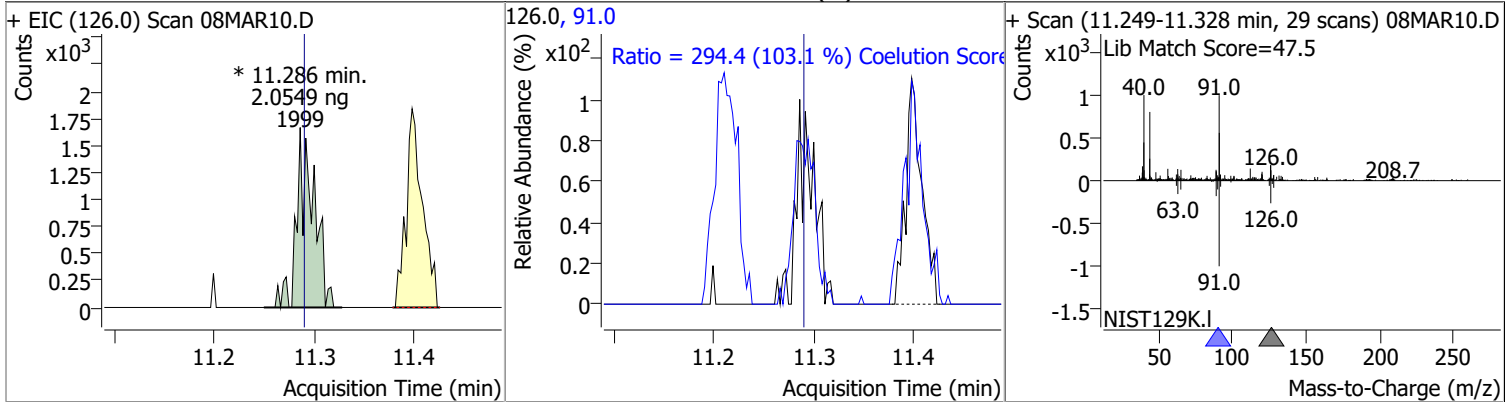
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	2.9713	11.12	0.01	1654 (m)	85.0	69.0	34.7	94.7



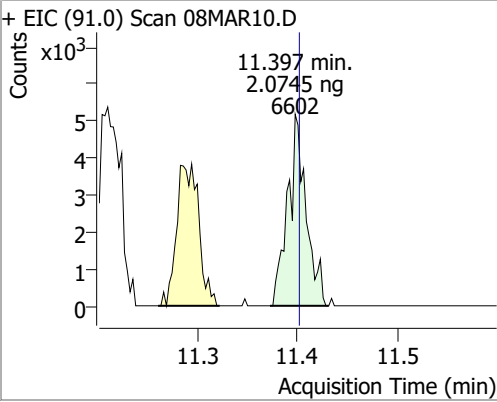
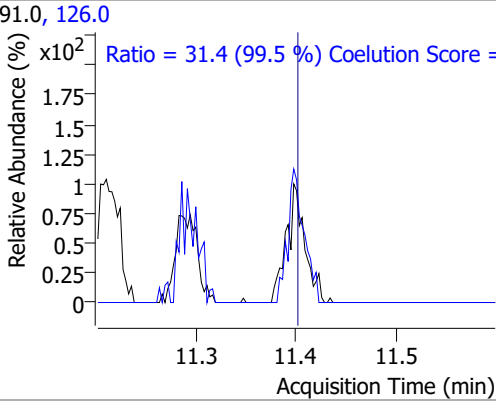
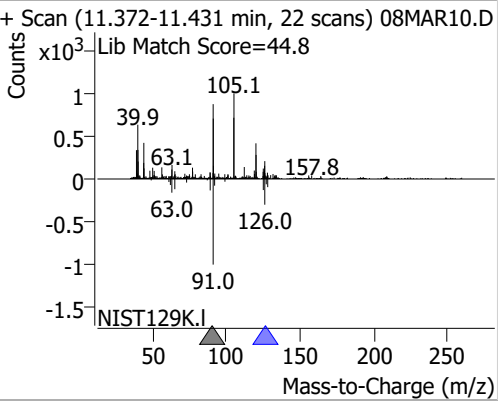
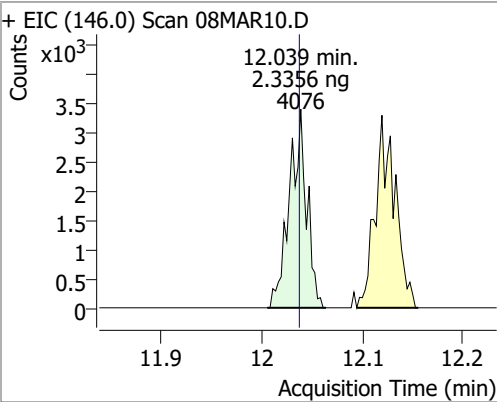
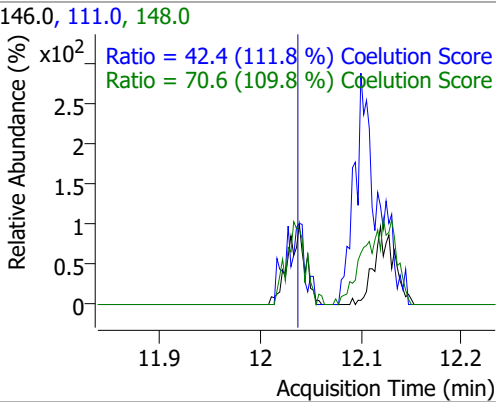
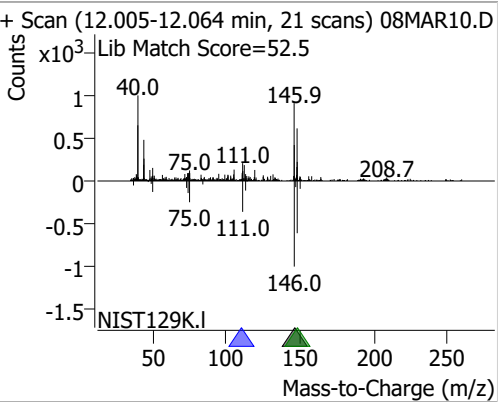
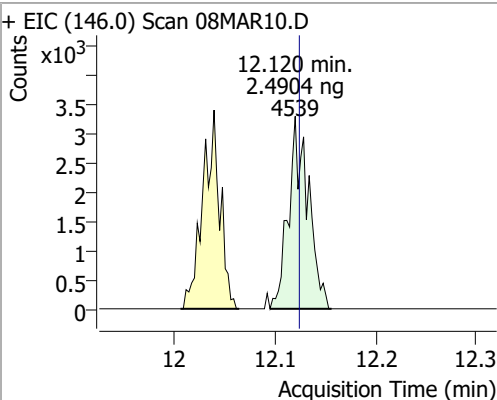
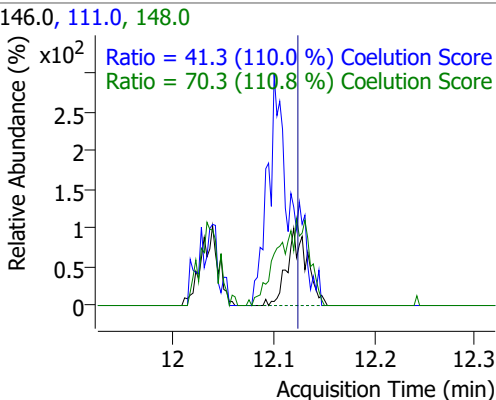
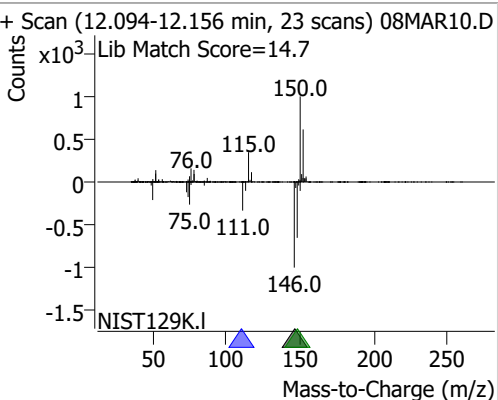
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	0.9462	11.15	0.00	140 (m)	112.0	20.1	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	2.0549	11.29	0.00	1999 (m)	91.0	294.4	255.6	315.6



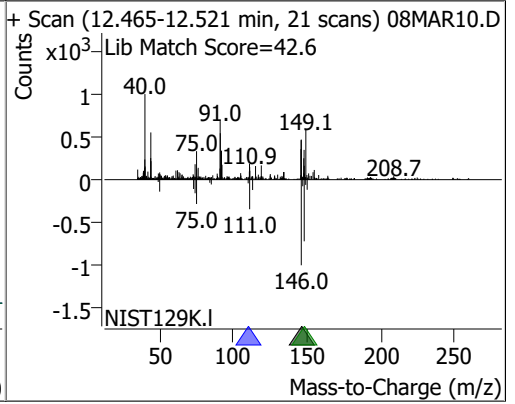
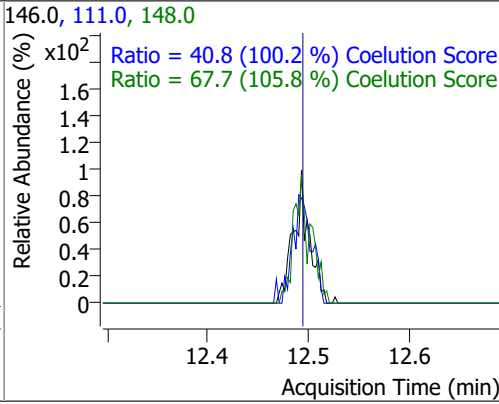
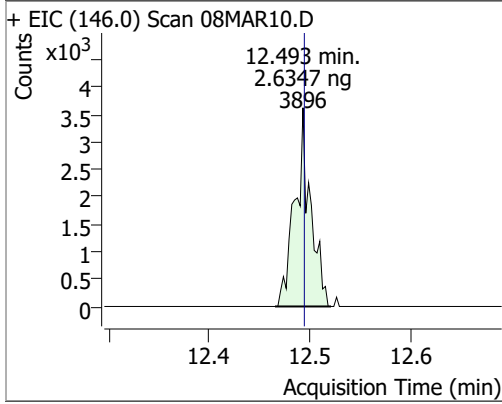
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	2.0745	11.40	0.00	6602	126.0	31.4	1.5	61.5
+ EIC (91.0) Scan 08MAR10.D 			91.0, 126.0 			+ Scan (11.372-11.431 min, 22 scans) 08MAR10.D Lib Match Score=44.8 		
1,3-Dichlorobenzene	2.3356	12.04	0.00	4076	148.0	70.6	34.3	94.3
+ EIC (146.0) Scan 08MAR10.D 			146.0, 111.0, 148.0 			+ Scan (12.005-12.064 min, 21 scans) 08MAR10.D Lib Match Score=52.5 		
1,4-Dichlorobenzene	2.4904	12.12	0.00	4539	148.0	70.3	33.5	93.5
+ EIC (146.0) Scan 08MAR10.D 			146.0, 111.0, 148.0 			+ Scan (12.094-12.156 min, 23 scans) 08MAR10.D Lib Match Score=14.7 		



# Quantitation Results Report (QT Reviewed)

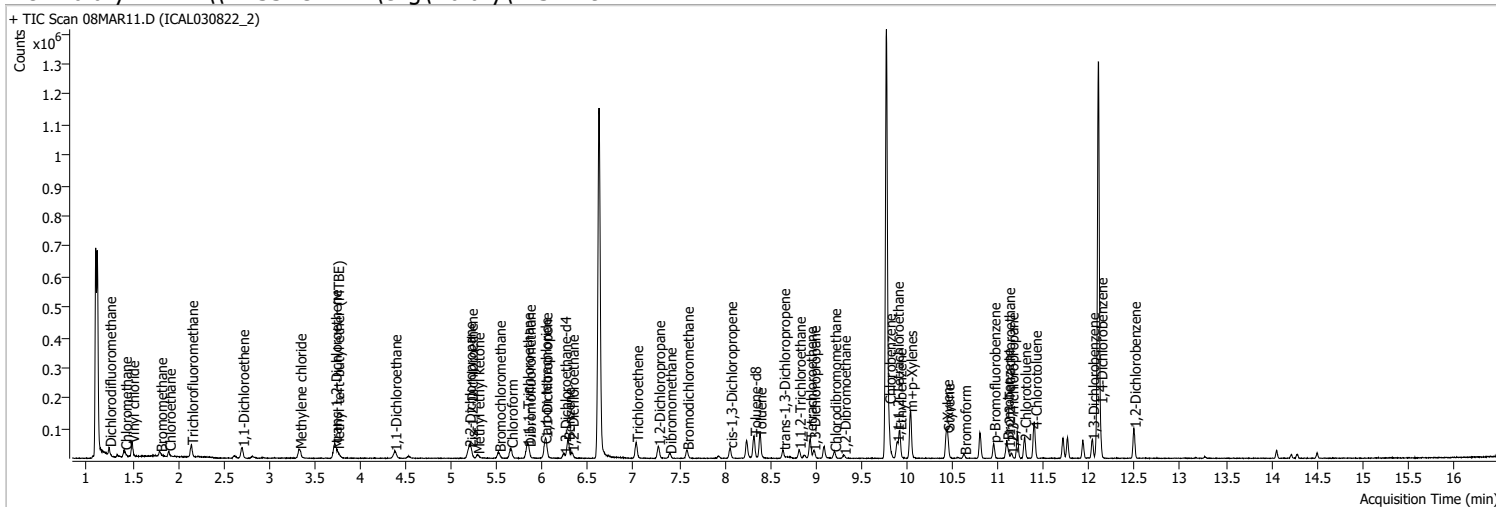
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	2.6347	12.49	0.00	3896	148.0	67.7	33.9	93.9
					111.0	40.8	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File 08MAR11.D  
 Acq. Method 5975CACQF.M  
 Sample Name ICAL030822\_2  
 Vial 11  
 DA Method File VOA5975C\_8260B\_SHT\_DoD\_030822.m  
 Tune File BFB\_Atune3.u  
 Batch Name VG030822\_8260B.batch.bin  
 Ref Library \\MASSHUNTER\Org\Library\NIST129K.I

Operator MSC  
 Acq. Date-Time 3/8/2022 3:17:58 PM  
 Instrument VOA5975C  
 Multiplier 1.00  
 Comment  
 Tune Date 10/11/2021 4:02:00 PM  
 Last Calib Update 3/9/2022 9:53:53 AM



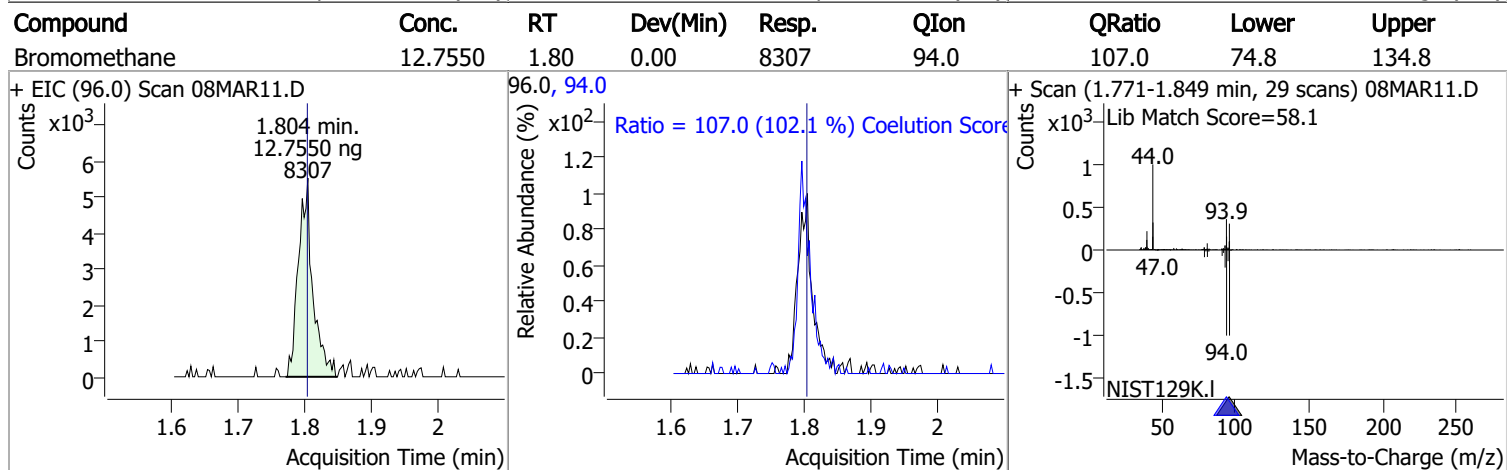
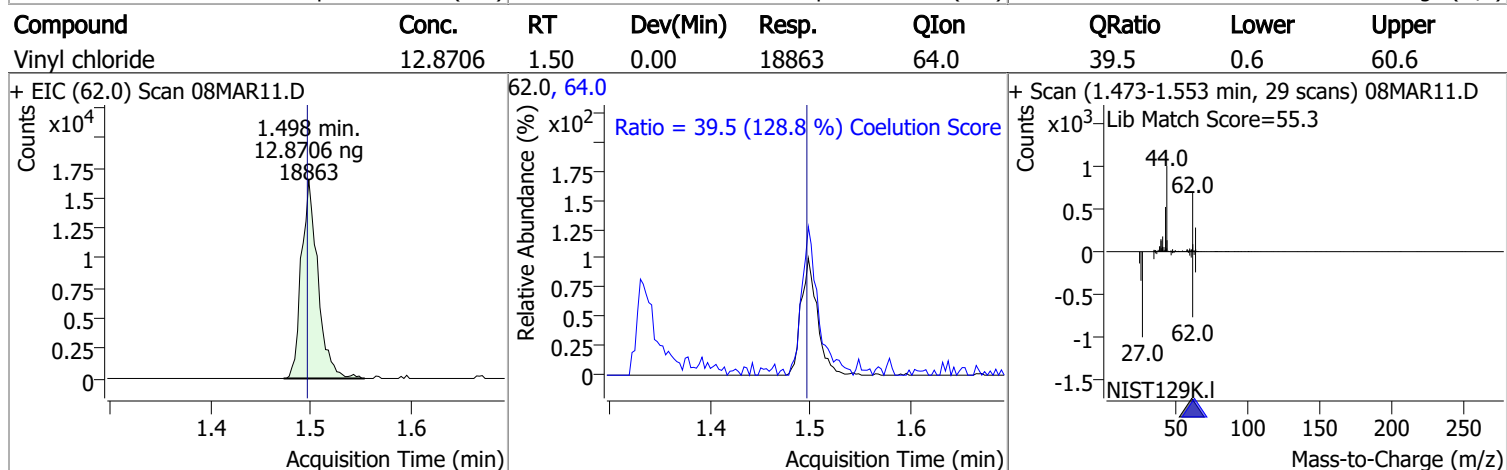
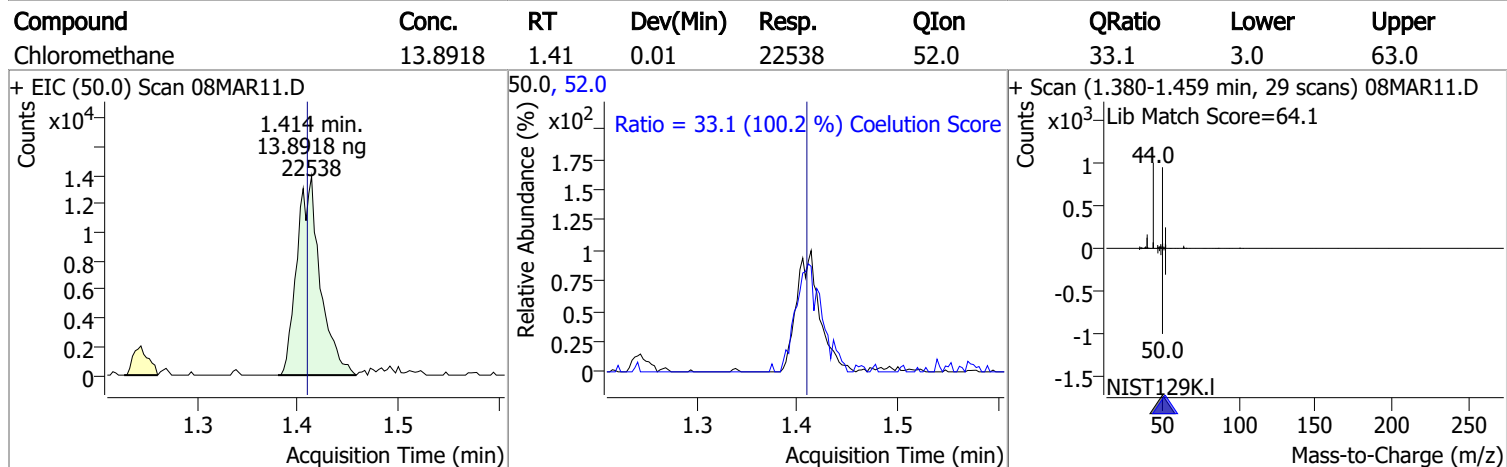
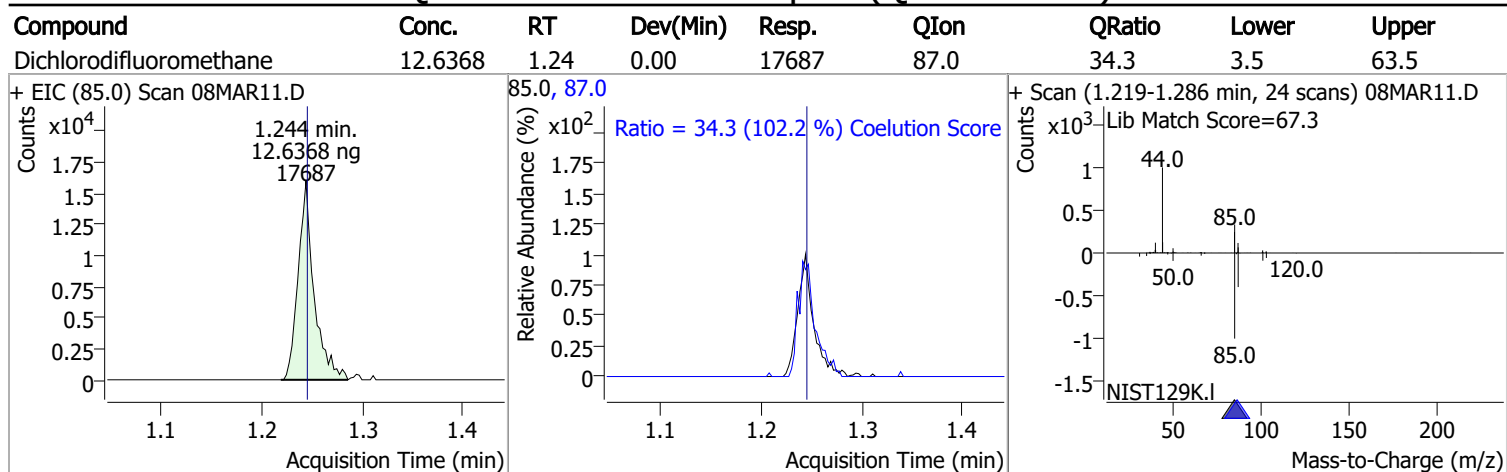
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	969235	250.0000	ng	0.000
M Chlorobenzene-d5	9.777	82.0	384678	250.0000	ng	0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	304247	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.851	113.0	13132	13.3344	ng	0.008
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 5.33%	*	
S 1,2-Dichloroethane-d4	6.238	67.0	5526	12.5704	ng	0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 5.03%	*	
S Toluene-d8	8.321	98.0	42126	13.5022	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 5.40%	*	
S p-Bromofluorobenzene	10.951	95.0	13966	12.4490	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 4.98%	*	
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.244	85.0	17687	12.6368	ng	99
T Chloromethane	1.414	50.0	22538	13.8918	ng	100
T Vinyl chloride	1.498	62.0	18863	12.8706	ng	84
T Bromomethane	1.804	96.0	8307	12.7550	ng	98
T Chloroethane	1.899	64.0	10373	13.3821	ng	98
T Trichlorofluoromethane	2.145	101.0	25855	13.9834	ng	98
T 1,1-Dichloroethene	2.702	96.0	12488	12.6990	ng	96
T Methylene chloride	3.333	49.0	22128	14.8187	ng	99
T trans-1,2-Dichloroethene	3.720	96.0	13639	13.3225	ng	92
T Methyl tert-butyl ether (MTBE)	3.745	73.0	15996	12.5406	ng	98
T 1,1-Dichloroethane	4.375	63.0	25506	13.0074	ng	96
T 2,2-Dichloropropane	5.190	77.0	19266	12.7484	ng	96
T cis-1,2-Dichloroethene	5.215	96.0	13439	12.9808	ng	92
T Methyl ethyl ketone	5.287	43.0	16035	117.8379	ng	97
T Bromochloromethane	5.519	128.0	4870	11.7984	ng	81
T Chloroform	5.653	83.0	25738	13.3947	ng	100

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
T 1,1,1-Trichloroethane	5.828	97.0	24866	13.3465	ng	97	
T Carbon tetrachloride	6.021	117.0	24515	13.3294	ng	89	
T 1,1-Dichloropropene	6.032	75.0	18589	12.2961	ng	94	
T Benzene	6.277	78.0	49508	12.5616	ng	97	
T 1,2-Dichloroethane	6.322	62.0	13605	12.7744	ng	97	
T Trichloroethene	7.027	95.0	15373	12.7735	ng	99	
T 1,2-Dichloropropane	7.270	63.0	13469	12.8451	ng	99	
T Dibromomethane	7.393	93.0	5485	12.3548	ng	96	
T Bromodichloromethane	7.582	83.0	15143	12.2134	ng	92	
T cis-1,3-Dichloropropene	8.059	75.0	16284	12.0553	ng	98	
T Toluene	8.383	92.0	28488	11.2243	ng	96	
T trans-1,3-Dichloropropene	8.642	75.0	11681	11.7532	ng	95	
T 1,1,2-Trichloroethane	8.815	83.0	5809	11.6165	ng	87	
T Tetrachloroethene	8.935	163.8	13420	12.4852	ng	98	
T 1,3-Dichloropropane	8.974	76.0	12803	12.5163	ng	98	
T Chlorodibromomethane	9.200	129.0	10461	12.9398	ng	97	
T 1,2-Dibromoethane	9.309	107.0	7100	12.6837	ng	m	98
T Chlorobenzene	9.799	112.0	35735	12.6329	ng	95	
T 1,1,1,2-Tetrachloroethane	9.889	131.0	12750	12.8763	ng	93	
T Ethylbenzene	9.919	91.0	54739	12.0572	ng	100	
T m+p-Xylenes	10.036	106.0	40825	23.1569	ng	99	
T o-Xylene	10.430	106.0	17447	11.4462	ng	100	
T Styrene	10.446	104.0	27945	11.2091	ng	100	
T Bromoform	10.628	172.5	5269	12.8580	ng	97	
T Bromobenzene	11.096	156.0	12631	12.4920	ng	99	
T 1,1,2,2-Tetrachloroethane	11.110	83.0	7347	12.7580	ng	93	
T 1,2,3-Trichloropropane	11.149	110.0	1965	12.8497	ng	m	83
T 2-Chlorotoluene	11.286	126.0	11659	11.5847	ng	96	
T 4-Chlorotoluene	11.403	91.0	37571	11.4117	ng	100	
T 1,3-Dichlorobenzene	12.033	146.0	22620	12.5292	ng	92	
T 1,4-Dichlorobenzene	12.122	146.0	23795	12.6203	ng	85	
T 1,2-Dichlorobenzene	12.490	146.0	18926	12.3720	ng	97	

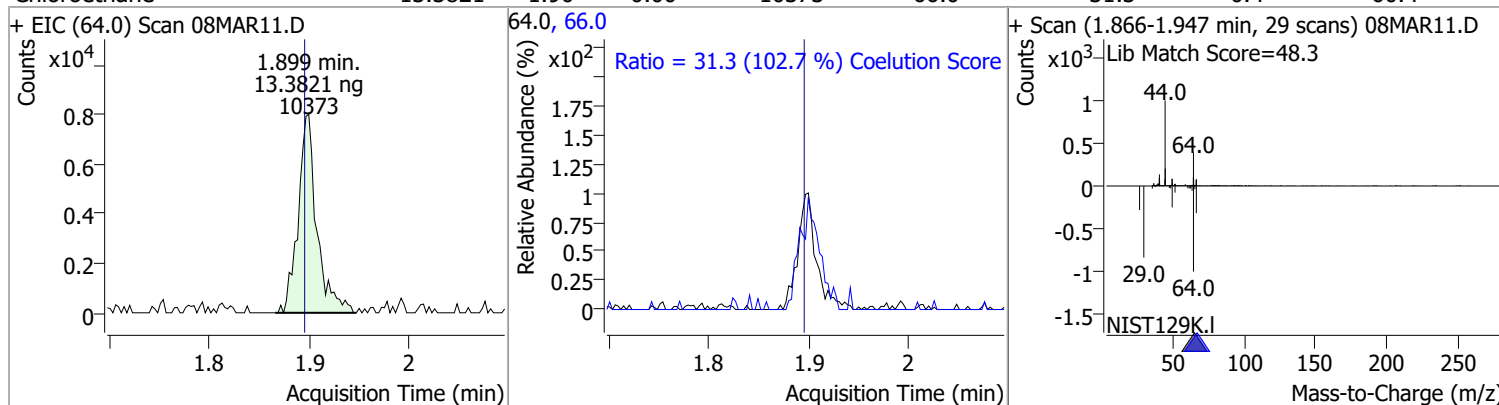
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

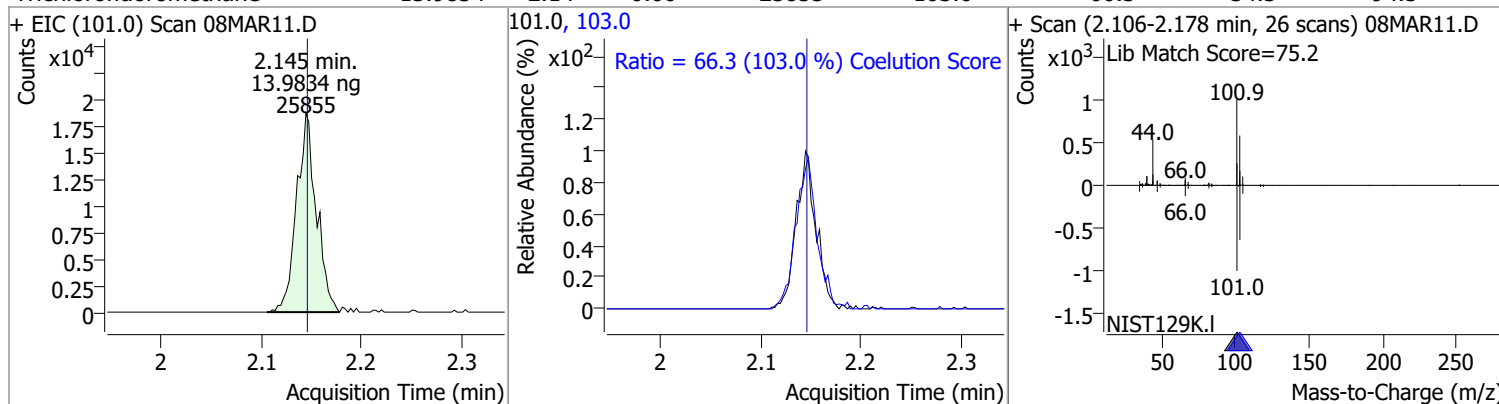


# Quantitation Results Report (QT Reviewed)

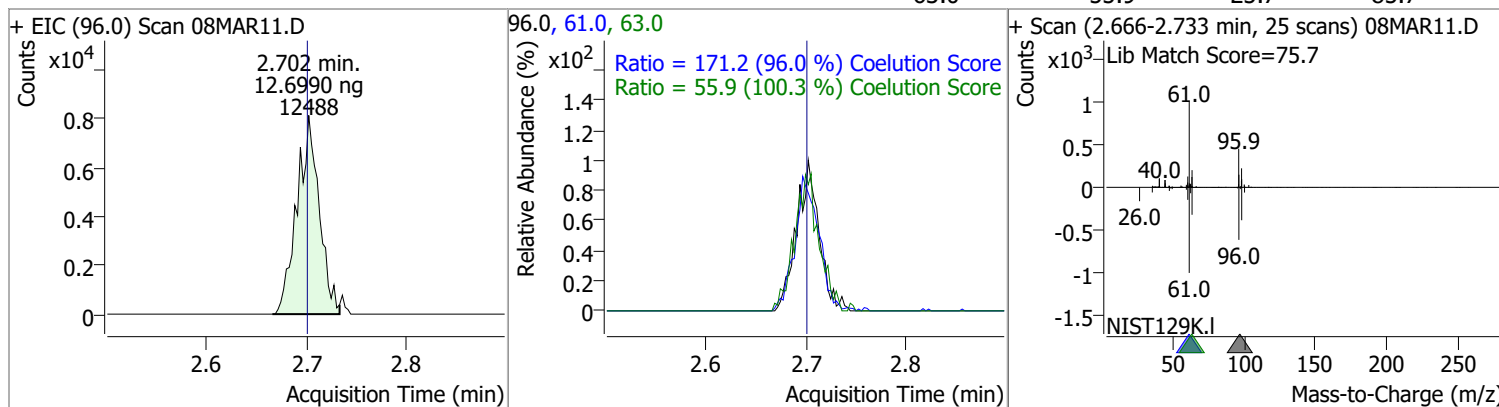
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	13.3821	1.90	0.00	10373	66.0	31.3	0.4	60.4



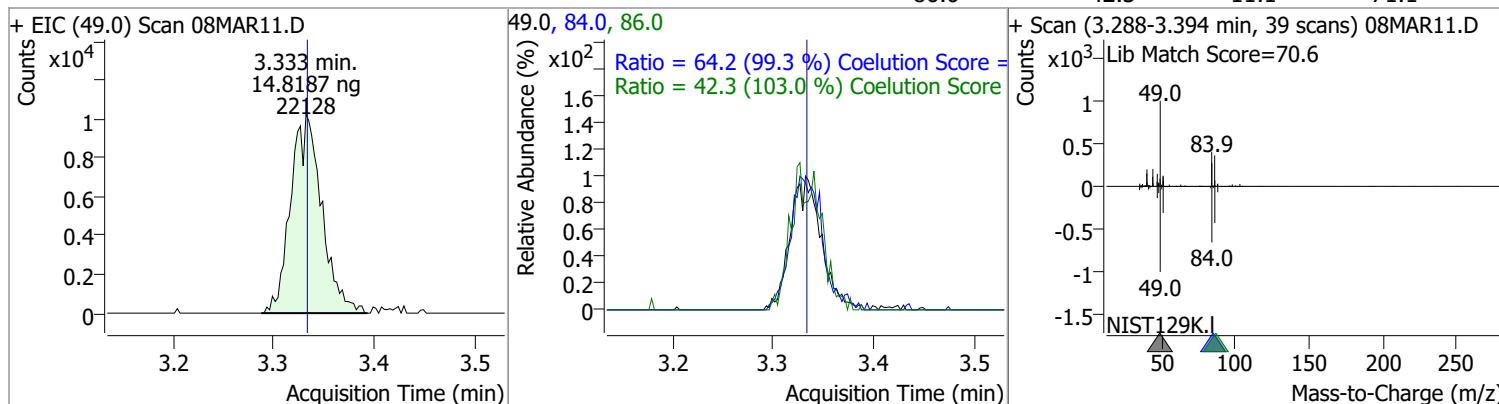
Trichlorofluoromethane	13.9834	2.14	0.00	25855	103.0	66.3	34.3	94.3
------------------------	---------	------	------	-------	-------	------	------	------



1,1-Dichloroethene	12.6990	2.70	0.00	12488	61.0	171.2	148.4	208.4
					63.0	55.9	25.7	85.7

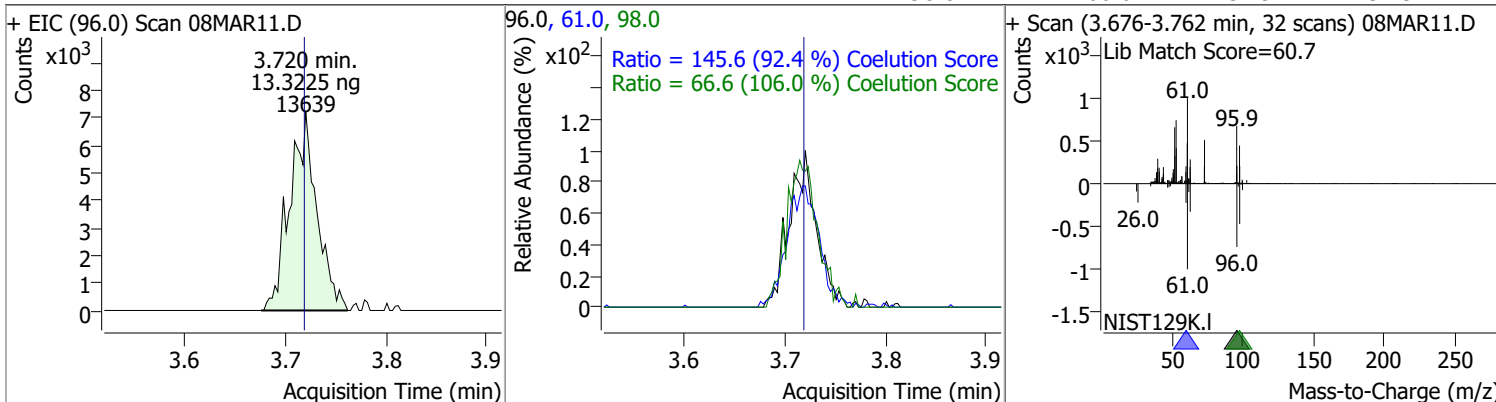


Methylene chloride	14.8187	3.33	0.00	22128	84.0	64.2	34.7	94.7
					86.0	42.3	11.1	71.1

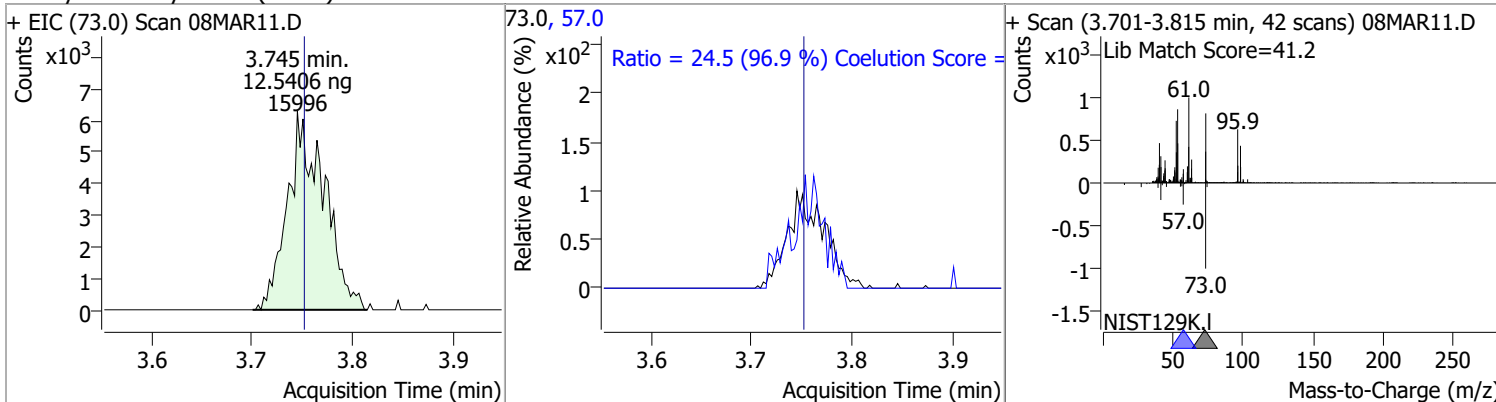


# Quantitation Results Report (QT Reviewed)

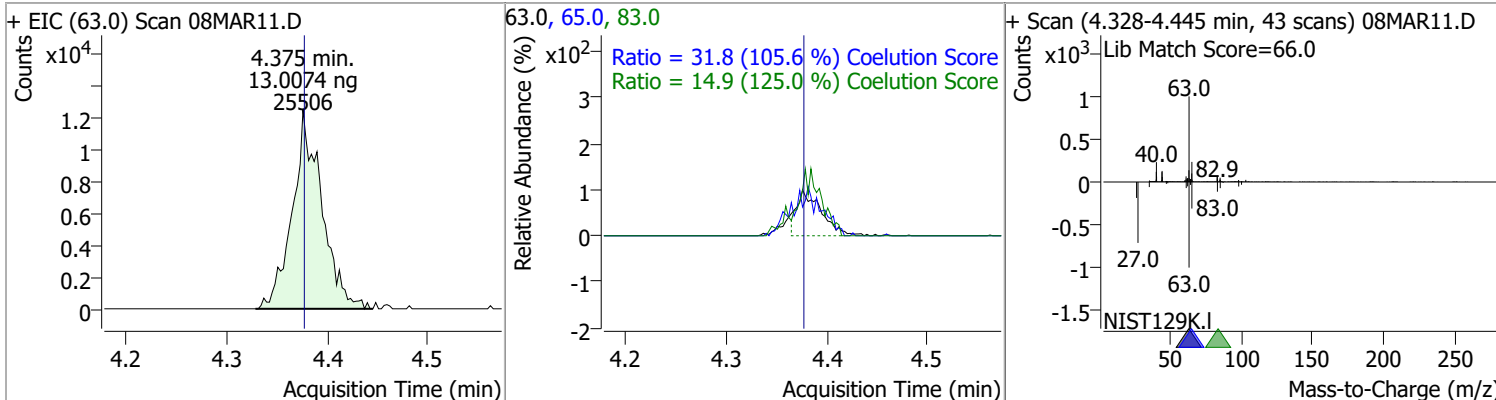
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	13.3225	3.72	0.00	13639	61.0	145.6	127.7	187.7
					98.0	66.6	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	12.5406	3.75	-0.01	15996	57.0	24.5	0.0	55.3

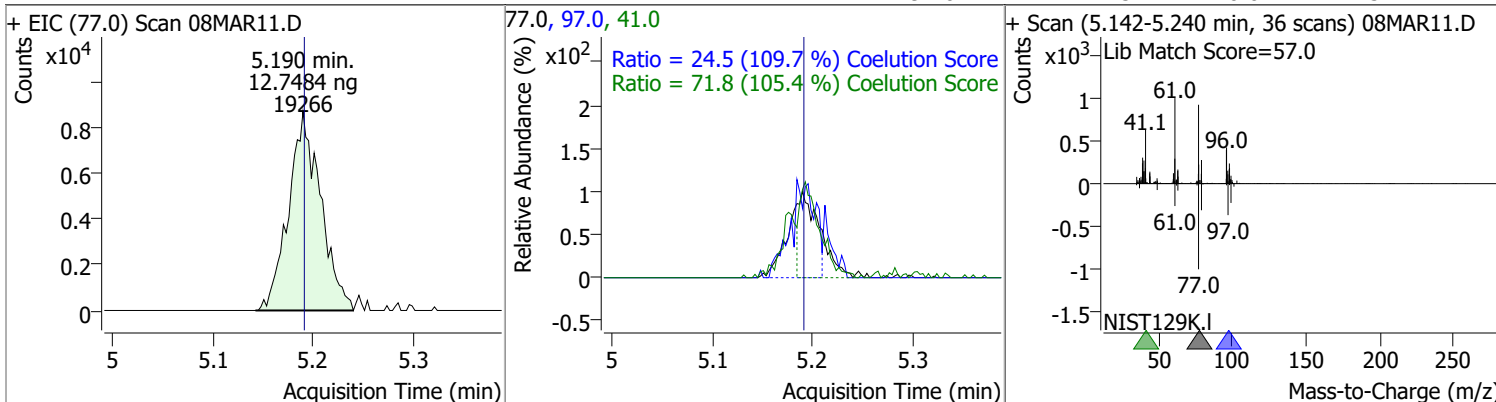


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	13.0074	4.38	0.00	25506	65.0	31.8	0.1	60.1
					83.0	14.9	0.0	41.9

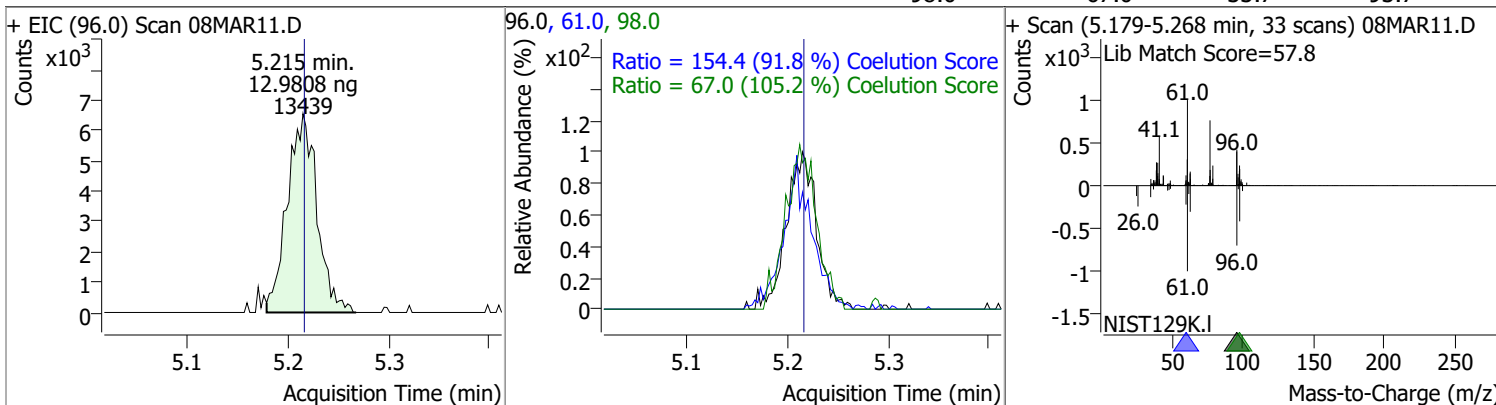


# Quantitation Results Report (QT Reviewed)

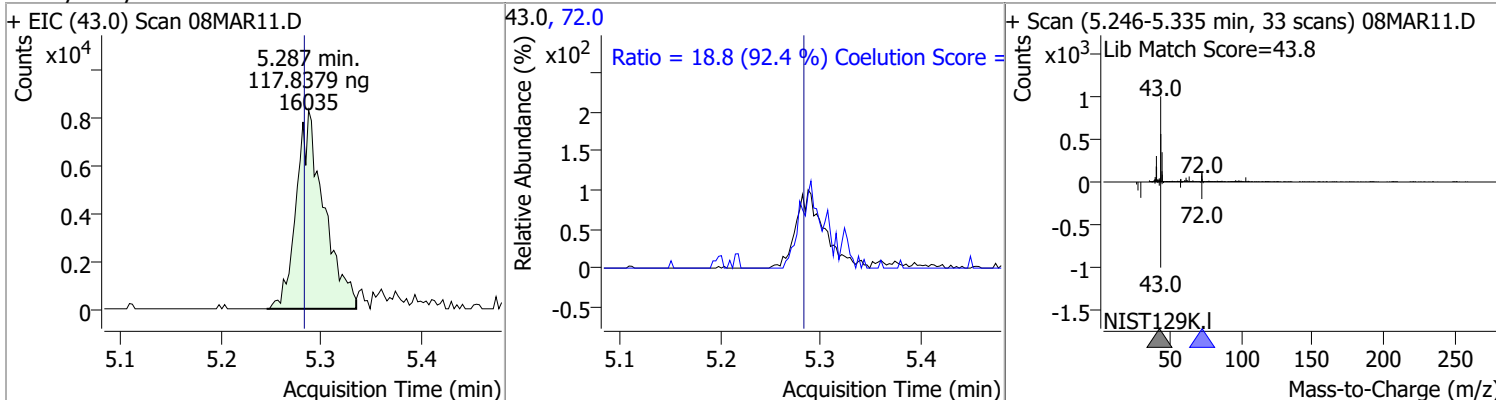
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	12.7484	5.19	0.00	19266	41.0	71.8	38.2	98.2
					97.0	24.5	0.0	52.4



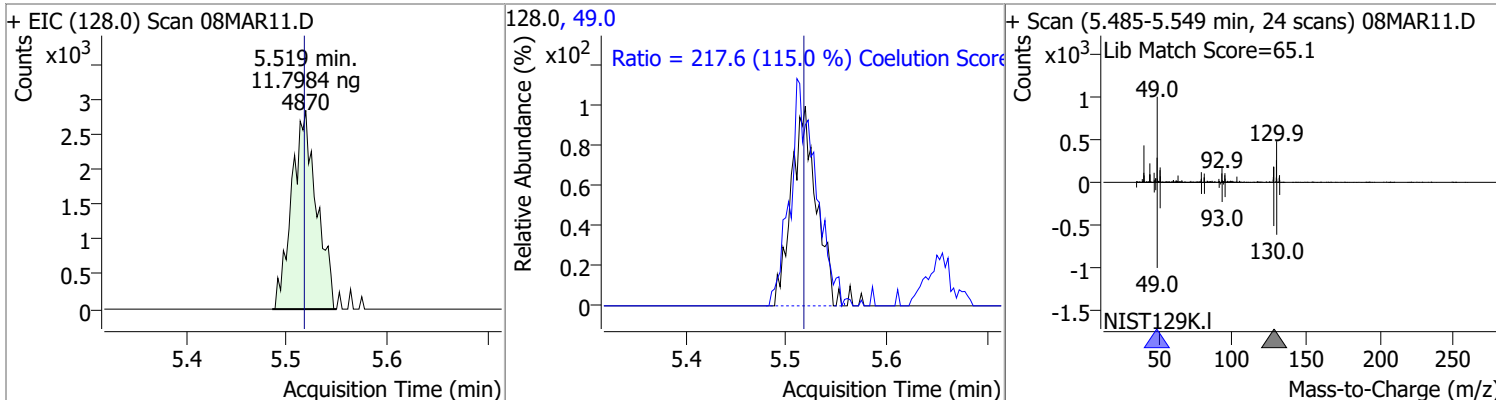
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	12.9808	5.21	0.00	13439	61.0	154.4	138.1	198.1
					98.0	67.0	33.7	93.7



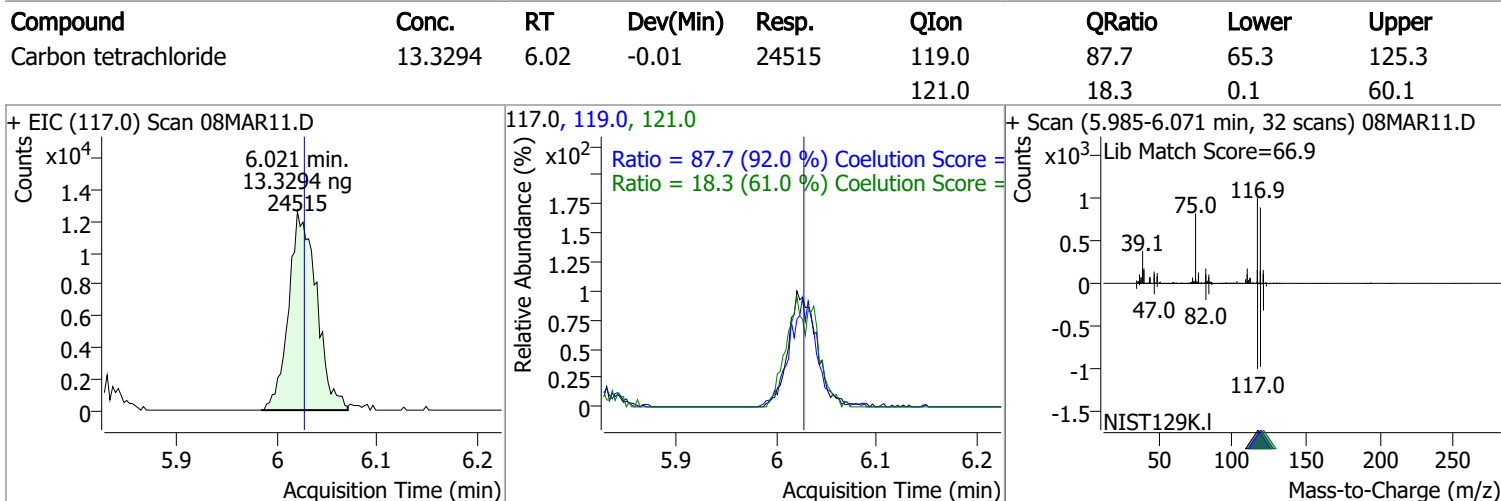
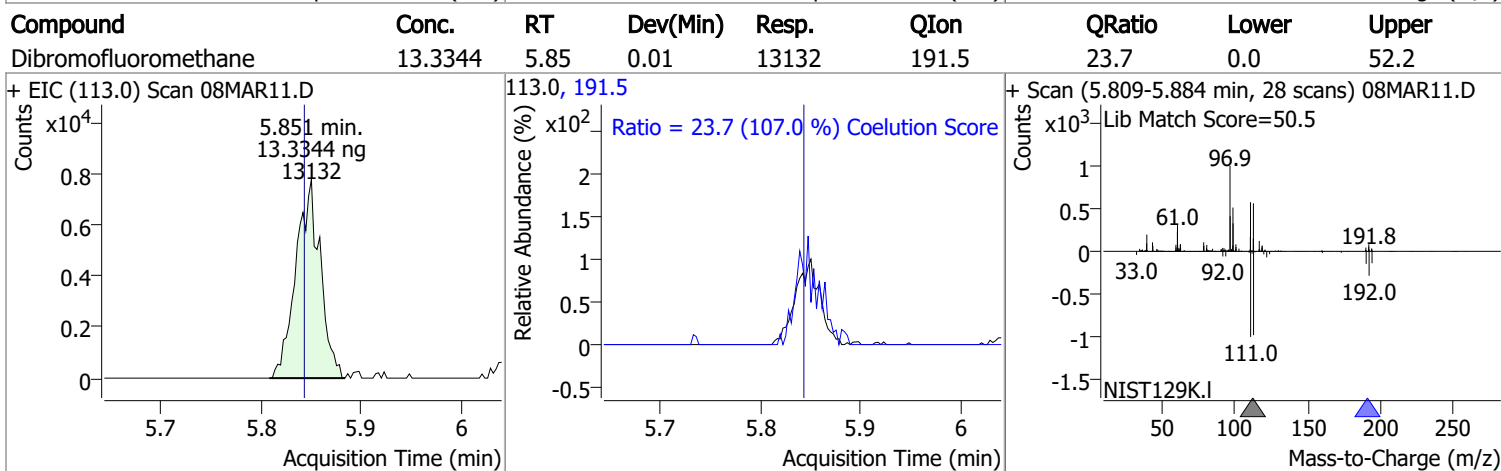
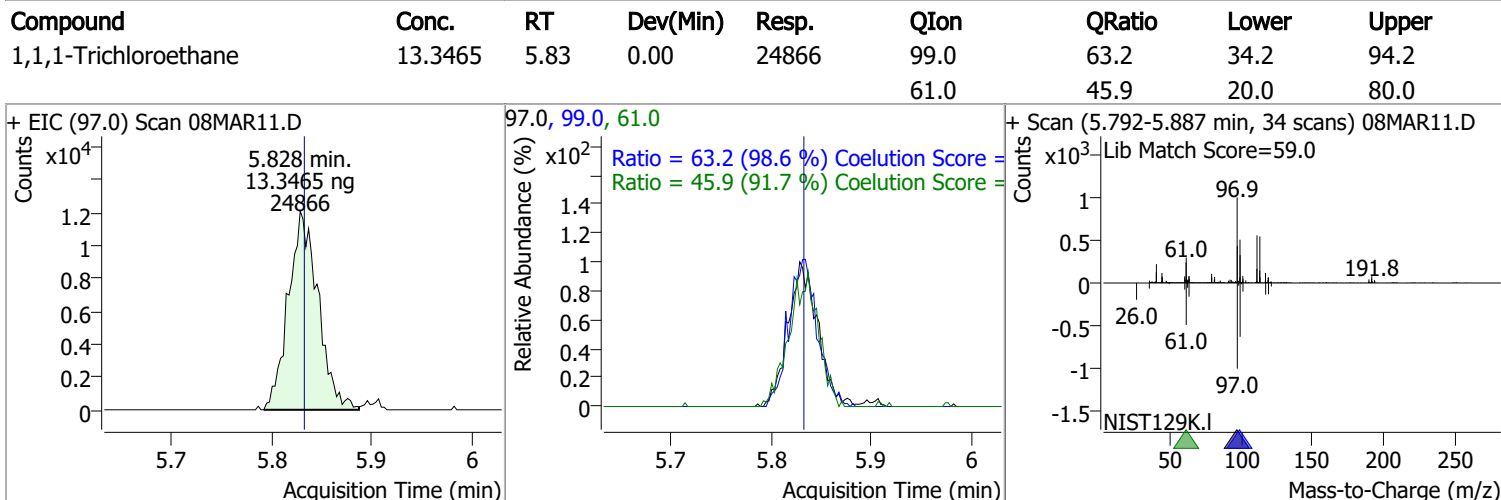
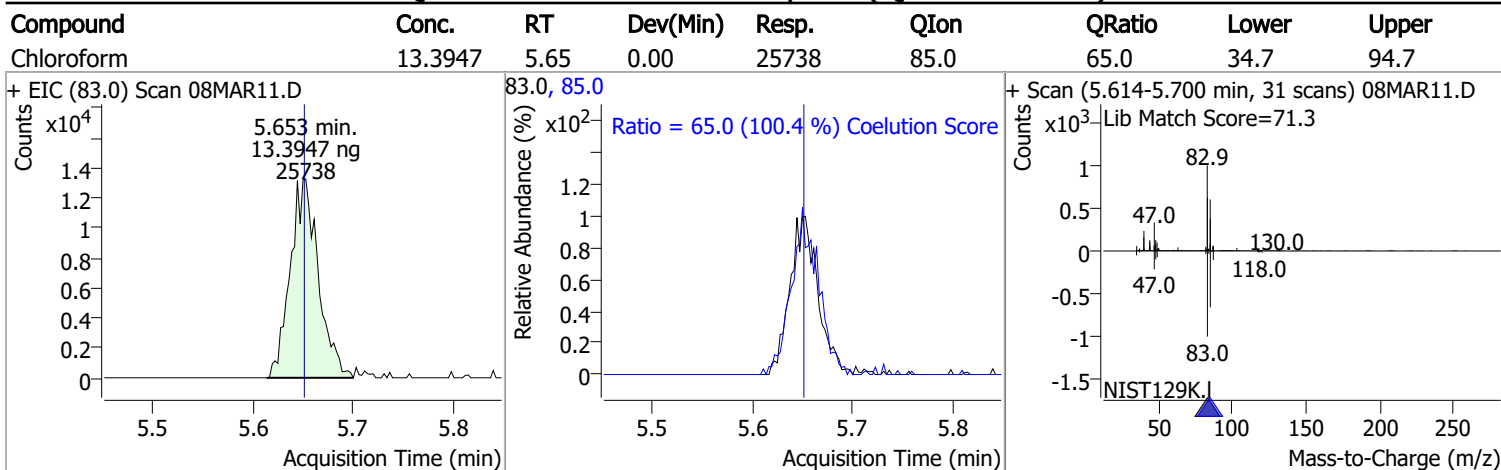
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	117.8379	5.29	0.01	16035	72.0	18.8	0.0	50.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	11.7984	5.52	0.00	4870	49.0	217.6	159.1	219.1



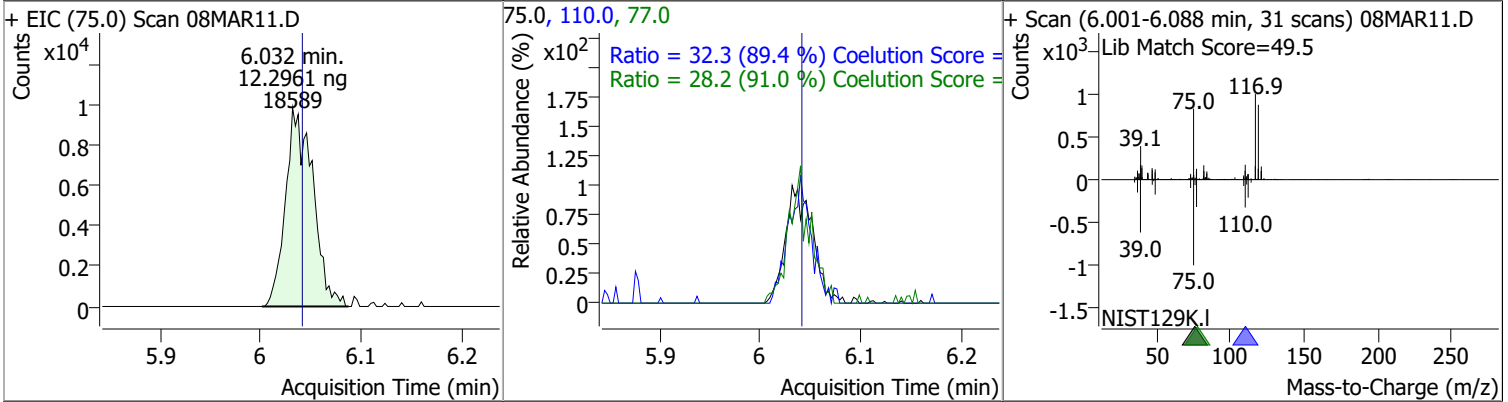
# Quantitation Results Report (QT Reviewed)



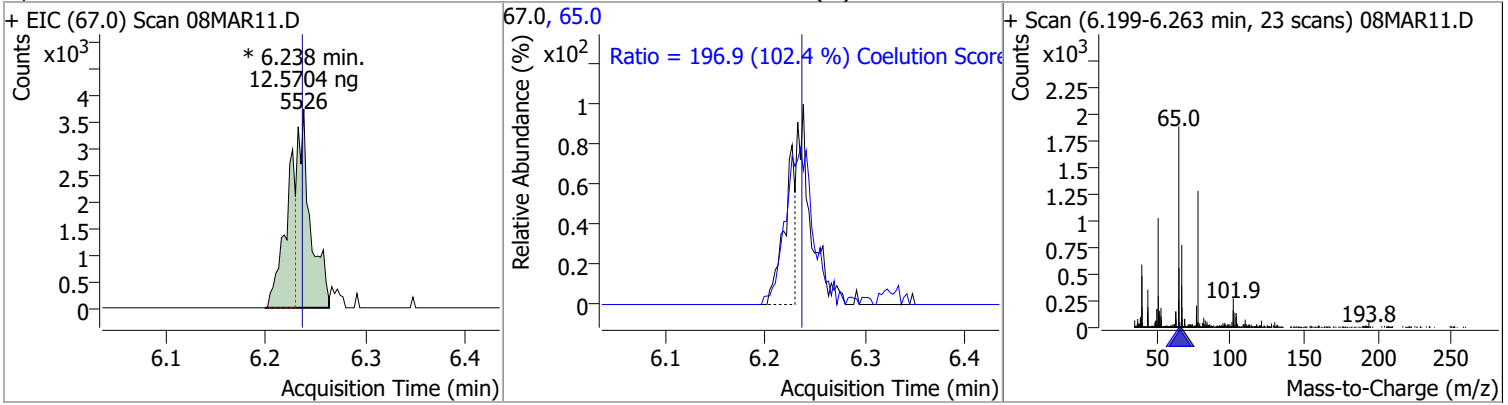


# Quantitation Results Report (QT Reviewed)

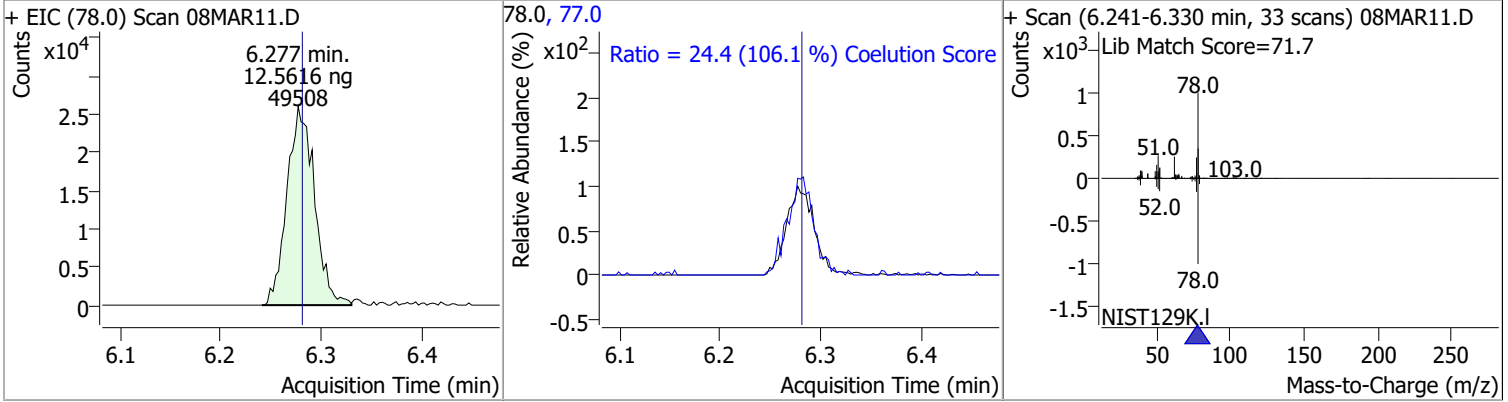
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	12.2961	6.03	-0.01	18589	110.0	32.3	6.1	66.1
					77.0	28.2	1.1	61.1



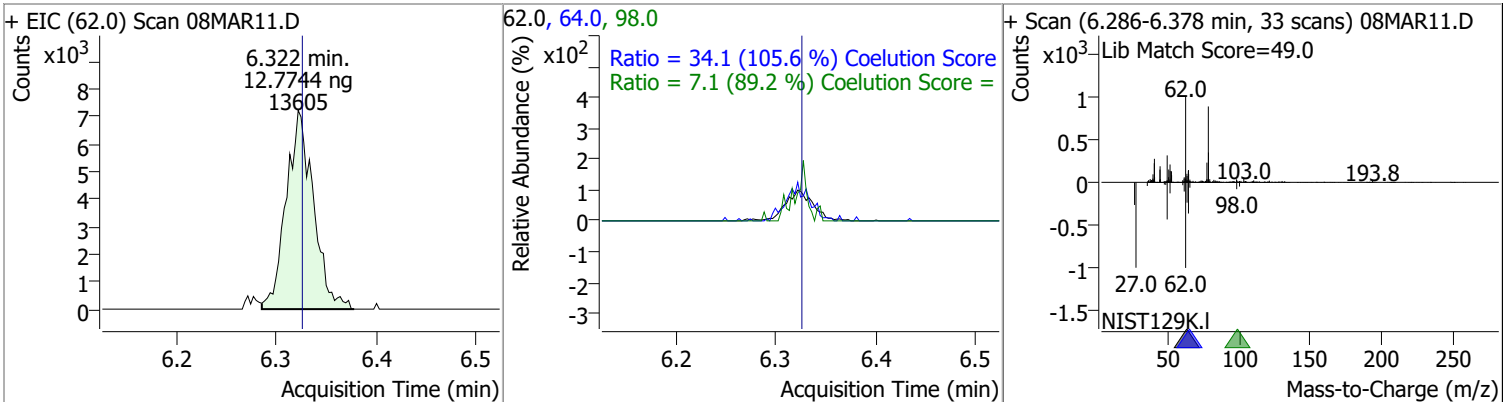
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	12.5704	6.24	0.00	5526 (m)	65.0	196.9	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	12.5616	6.28	0.00	49508	77.0	24.4	0.0	53.0

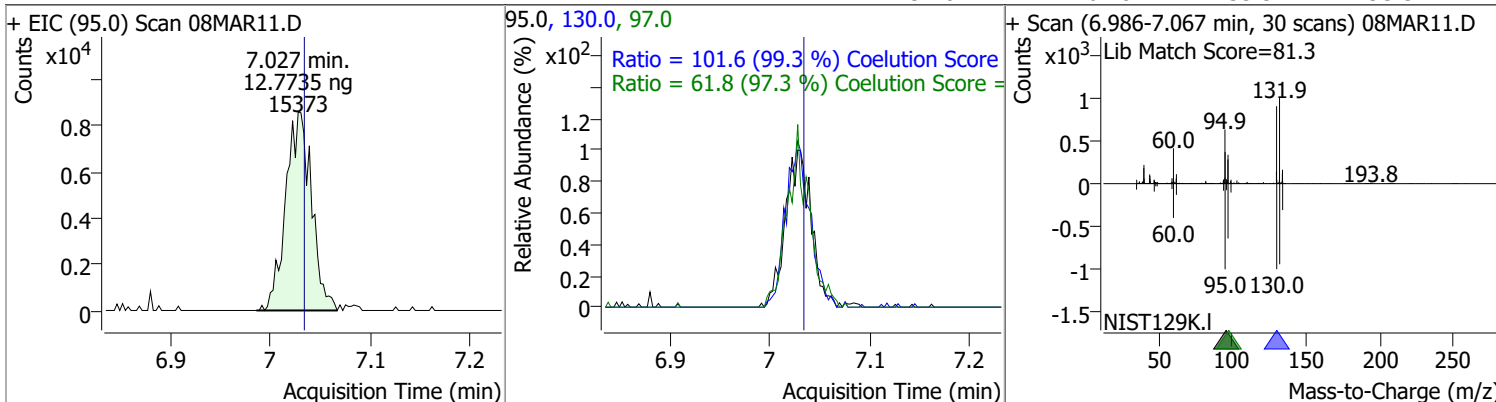


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	12.7744	6.32	0.00	13605	64.0	34.1	2.3	62.3
					98.0	7.1	0.0	38.0

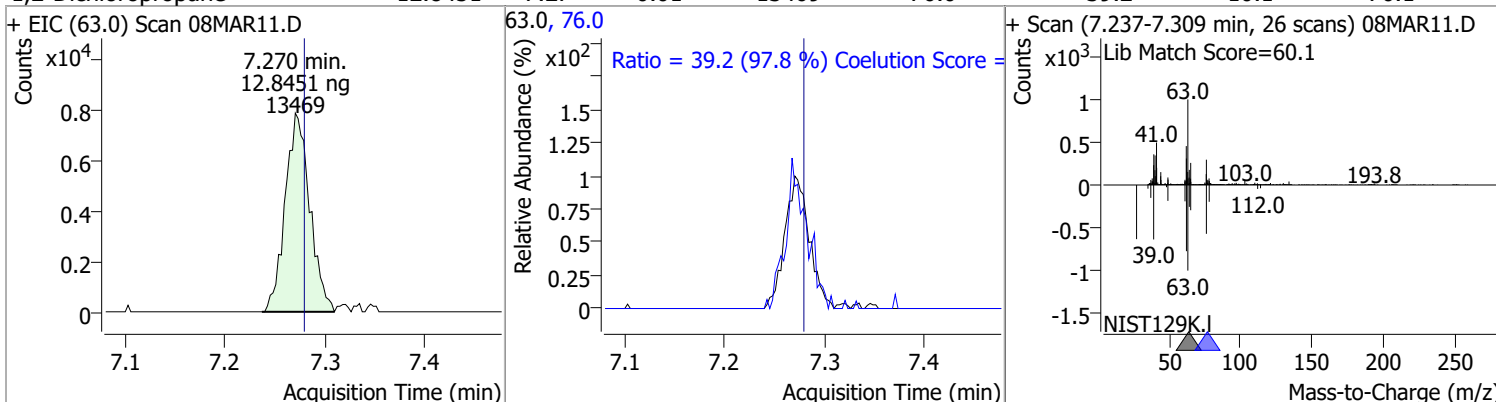


# Quantitation Results Report (QT Reviewed)

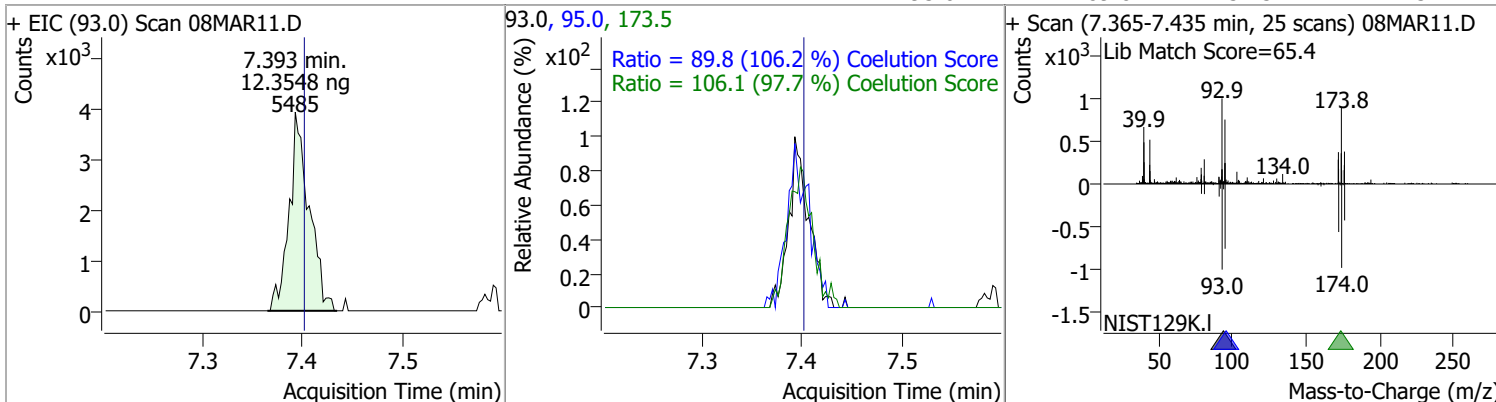
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	12.7735	7.03	0.00	15373	130.0	101.6	72.3	132.3
					97.0	61.8	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	12.8451	7.27	-0.01	13469	76.0	39.2	10.1	70.1

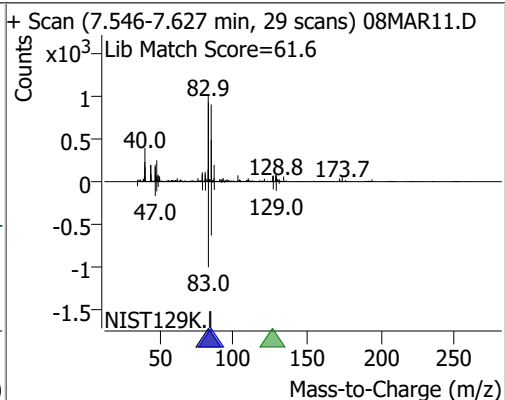
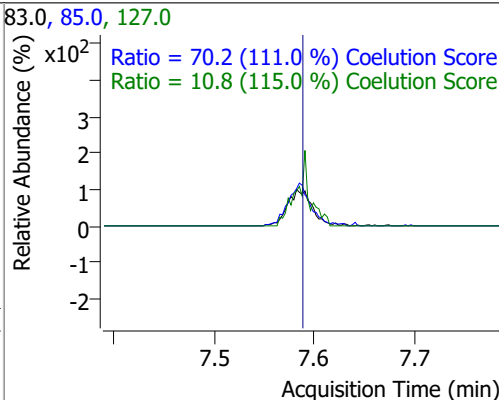
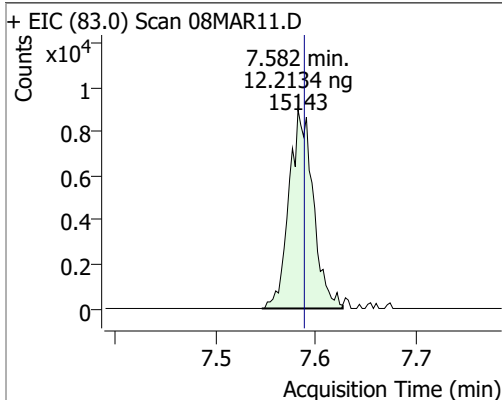


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	12.3548	7.39	-0.01	5485	173.5	106.1	78.6	138.6
					95.0	89.8	54.5	114.5

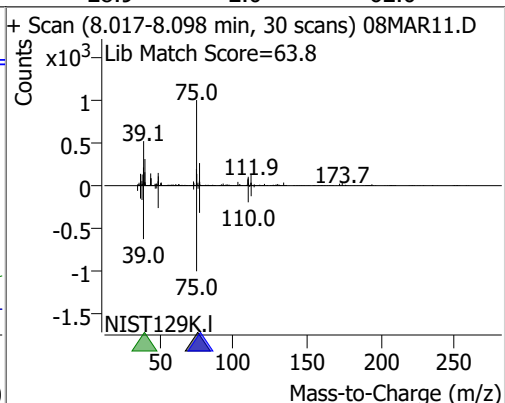
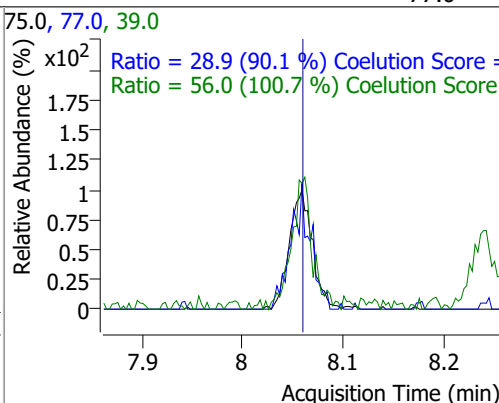
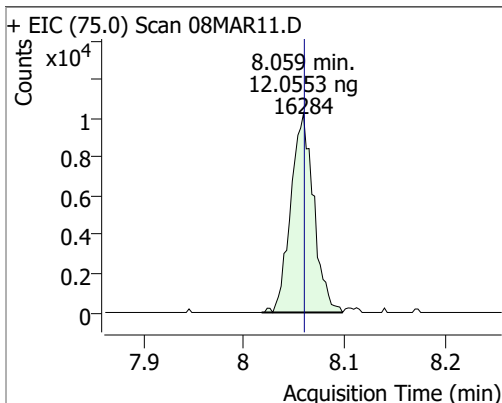


# Quantitation Results Report (QT Reviewed)

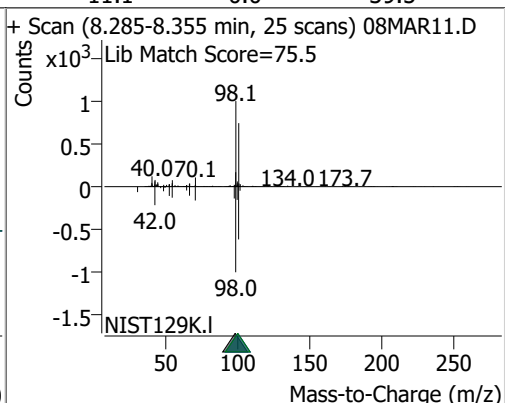
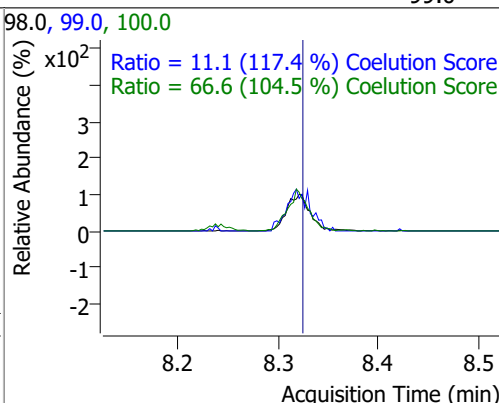
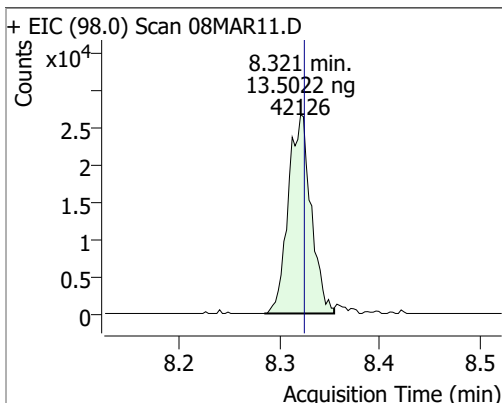
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	12.2134	7.58	0.00	15143	85.0	70.2	33.2	93.2
					127.0	10.8	0.0	39.4



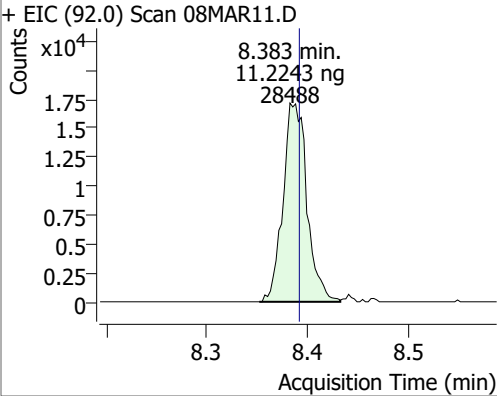
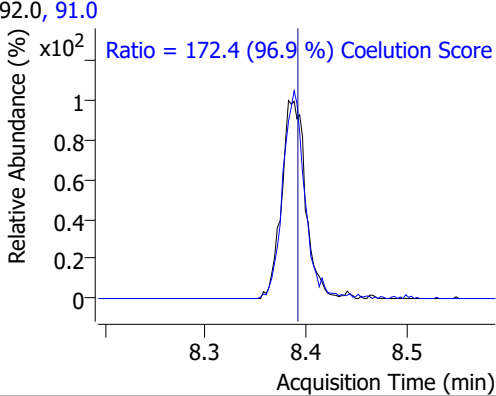
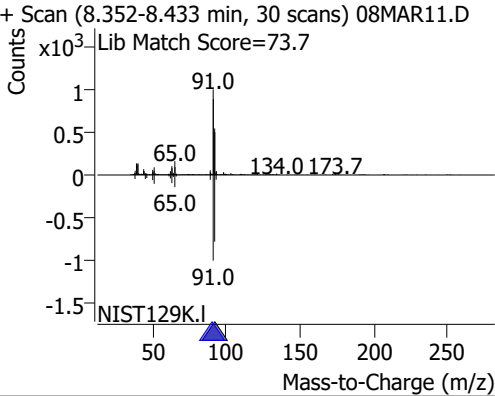
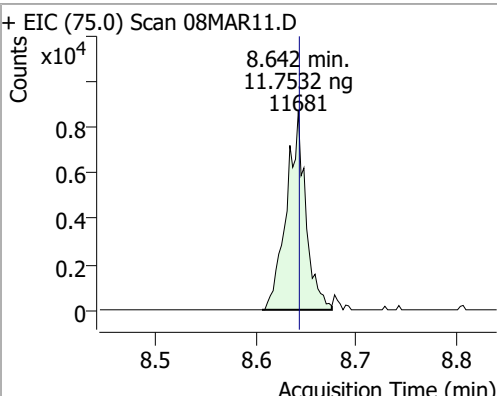
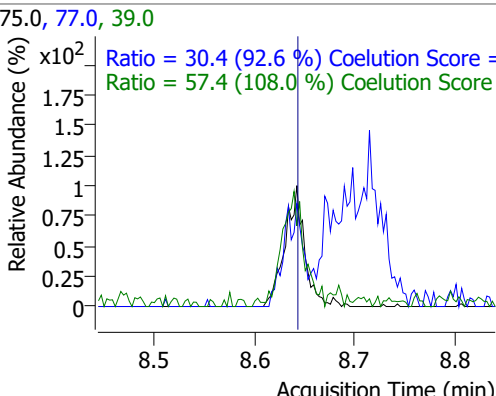
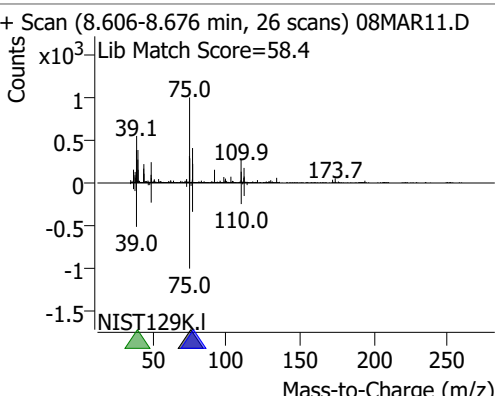
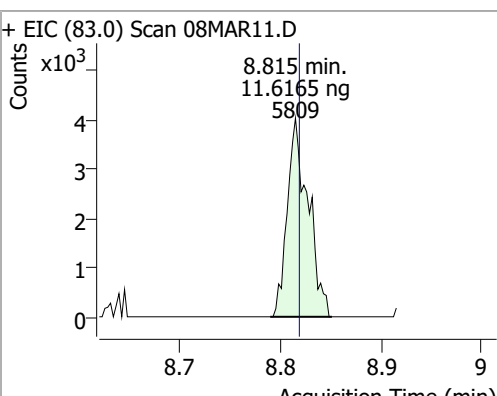
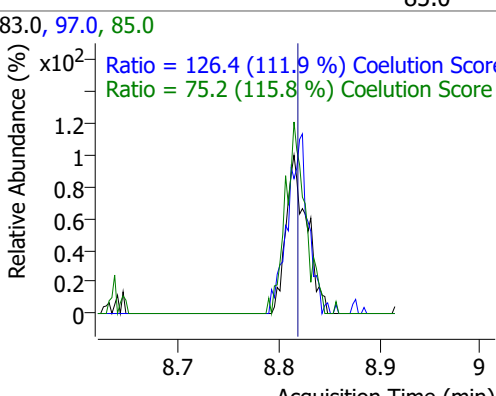
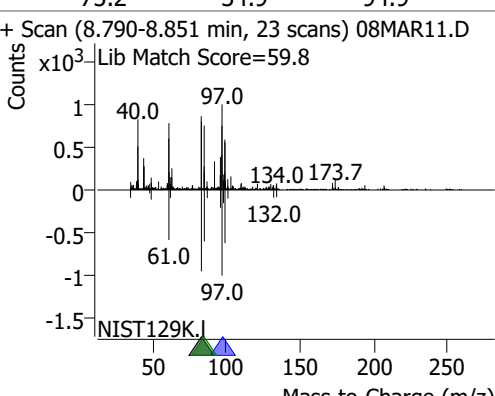
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	12.0553	8.06	0.00	16284	39.0	56.0	25.6	85.6
					77.0	28.9	2.0	62.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	13.5022	8.32	0.00	42126	100.0	66.6	33.7	93.7
					99.0	11.1	0.0	39.5

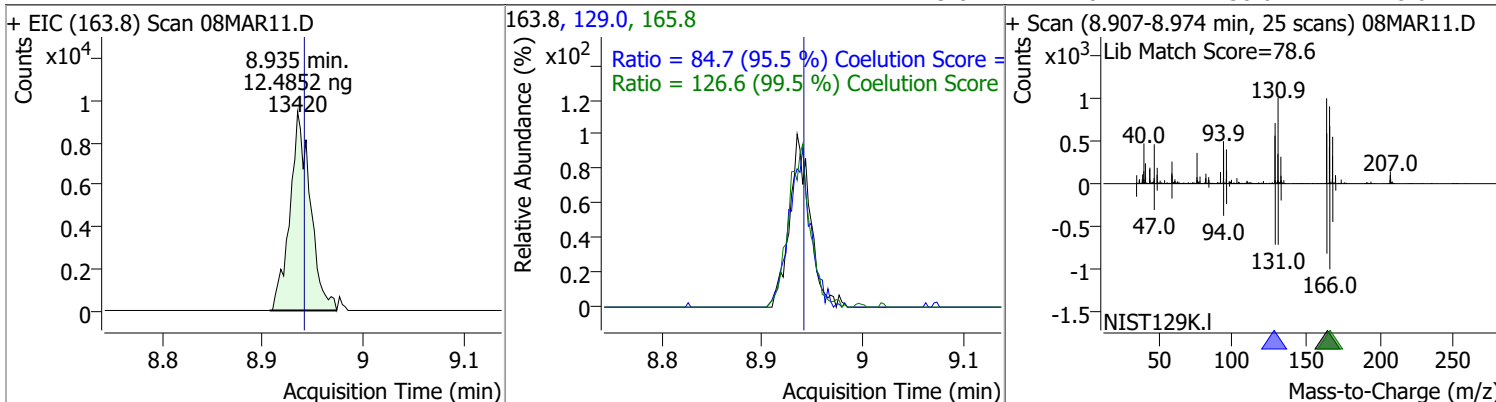


# Quantitation Results Report (QT Reviewed)

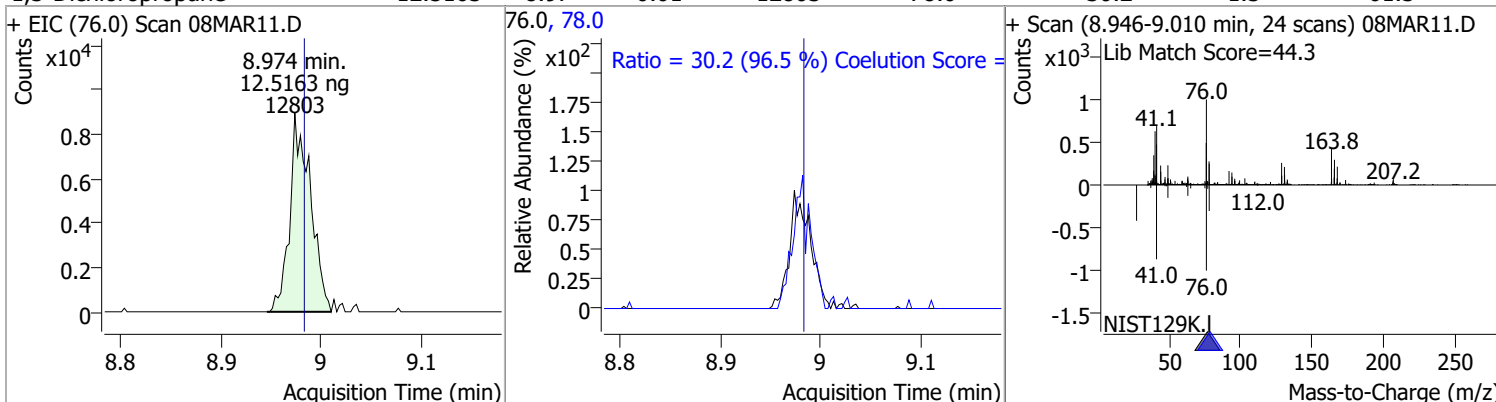
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	11.2243	8.38	-0.01	28488	91.0	172.4	147.9	207.9
+ EIC (92.0) Scan 08MAR11.D			92.0, 91.0			+ Scan (8.352-8.433 min, 30 scans) 08MAR11.D		
								
trans-1,3-Dichloropropene	11.7532	8.64	0.00	11681	39.0 77.0	57.4 30.4	23.2 2.8	83.2 62.8
+ EIC (75.0) Scan 08MAR11.D			75.0, 77.0, 39.0			+ Scan (8.606-8.676 min, 26 scans) 08MAR11.D		
								
1,1,2-Trichloroethane	11.6165	8.81	0.00	5809	97.0 85.0	126.4 75.2	83.0 34.9	143.0 94.9
+ EIC (83.0) Scan 08MAR11.D			83.0, 97.0, 85.0			+ Scan (8.790-8.851 min, 23 scans) 08MAR11.D		
								

# Quantitation Results Report (QT Reviewed)

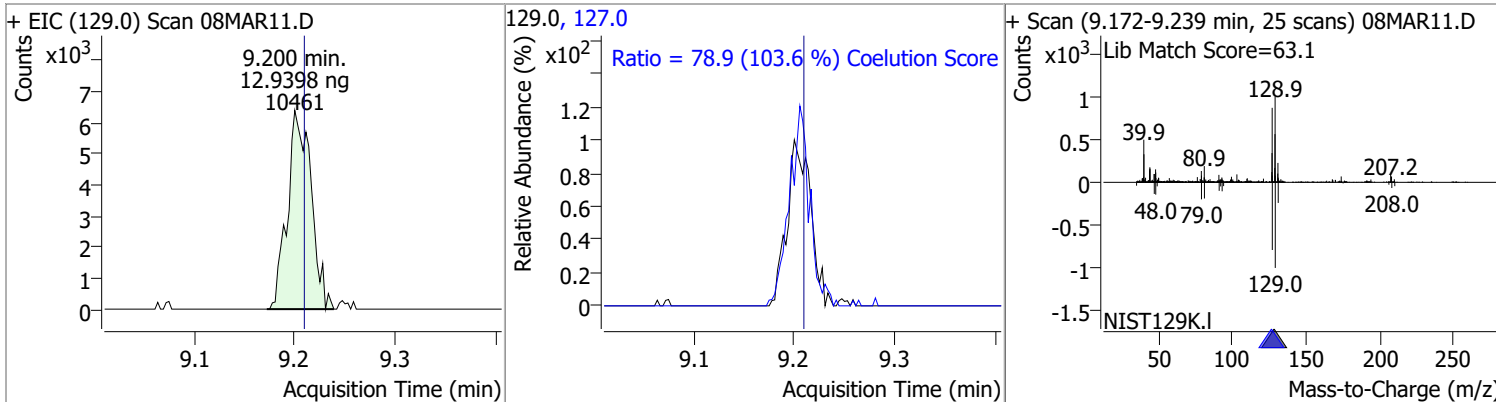
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	12.4852	8.93	0.00	13420	165.8	126.6	97.2	157.2
					129.0	84.7	58.6	118.6



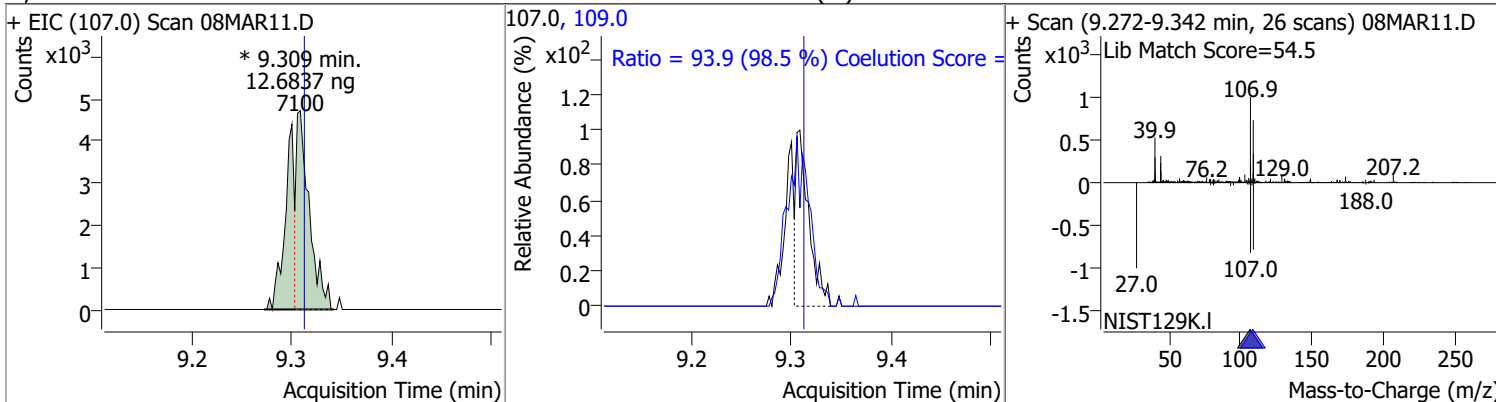
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	12.5163	8.97	-0.01	12803	78.0	30.2	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	12.9398	9.20	-0.01	10461	127.0	78.9	46.1	106.1



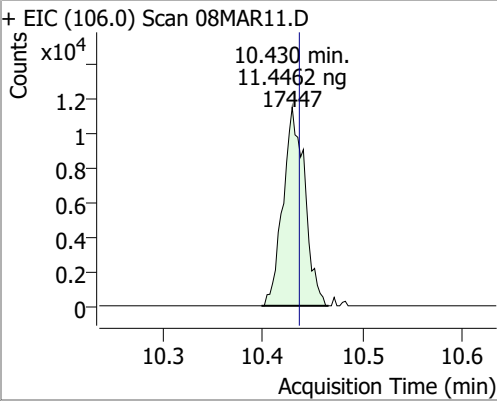
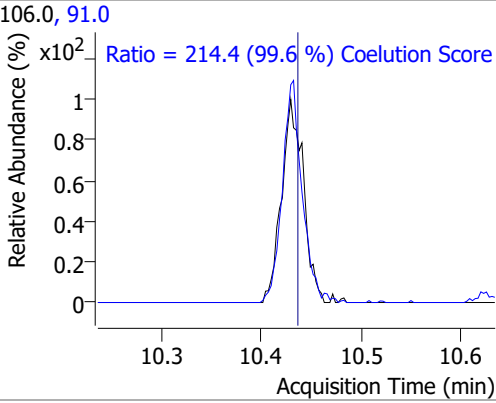
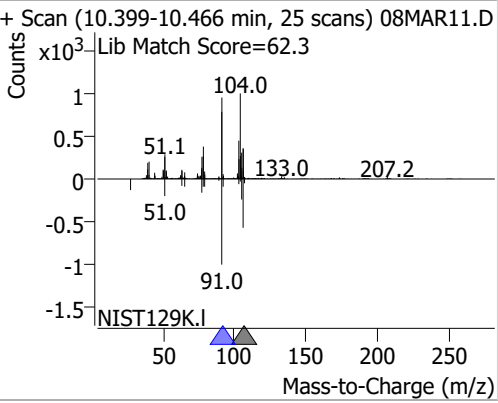
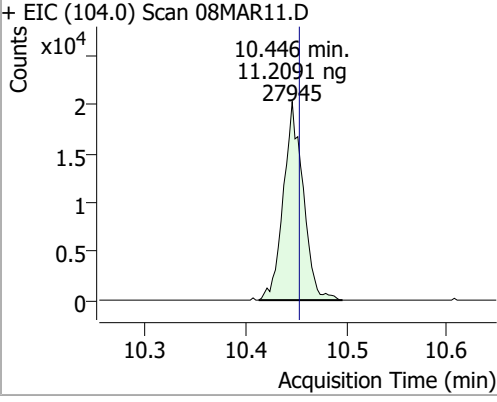
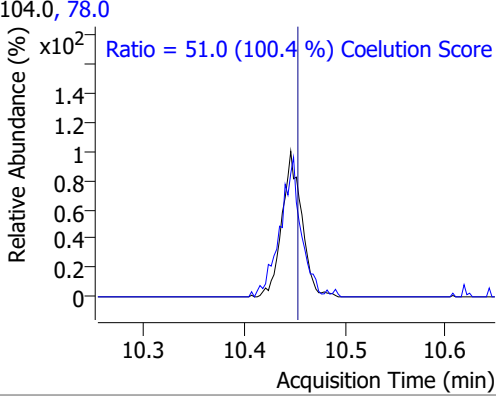
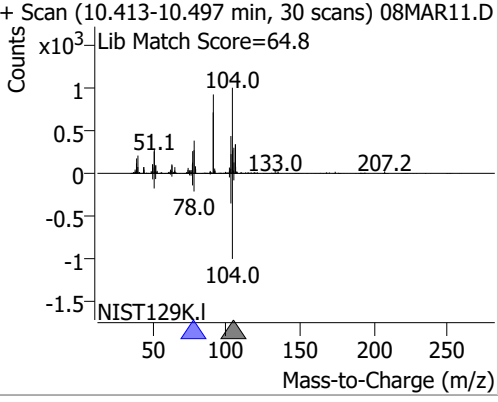
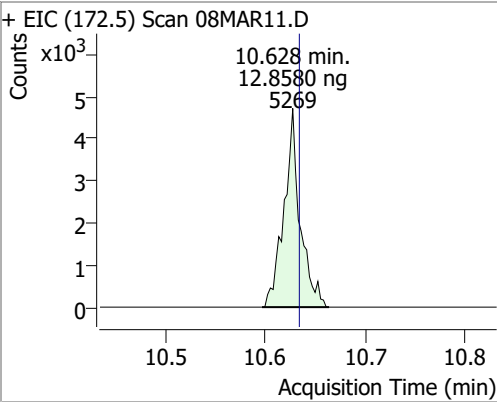
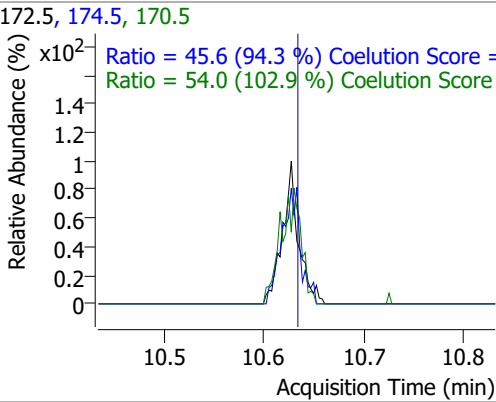
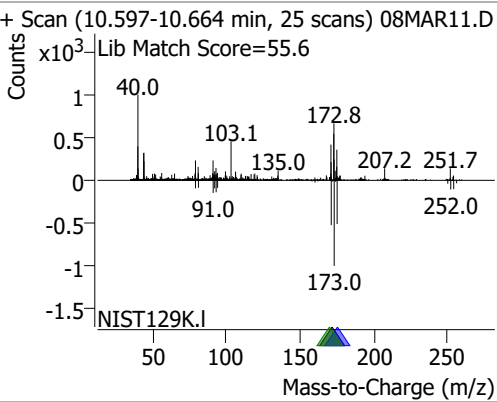
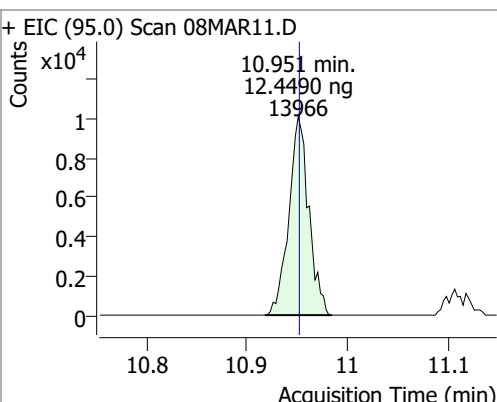
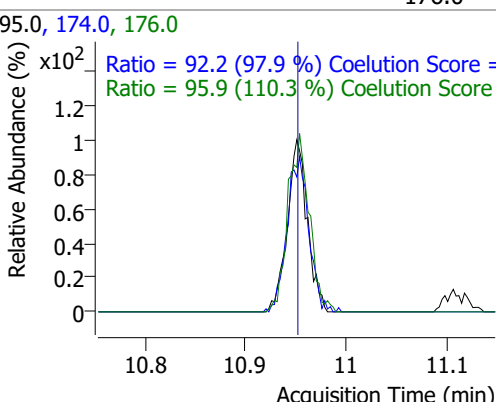
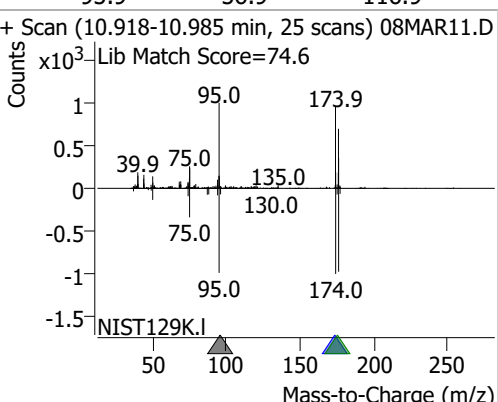
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	12.6837	9.31	0.00	7100 (m)	109.0	93.9	65.4	125.4



# Quantitation Results Report (QT Reviewed)

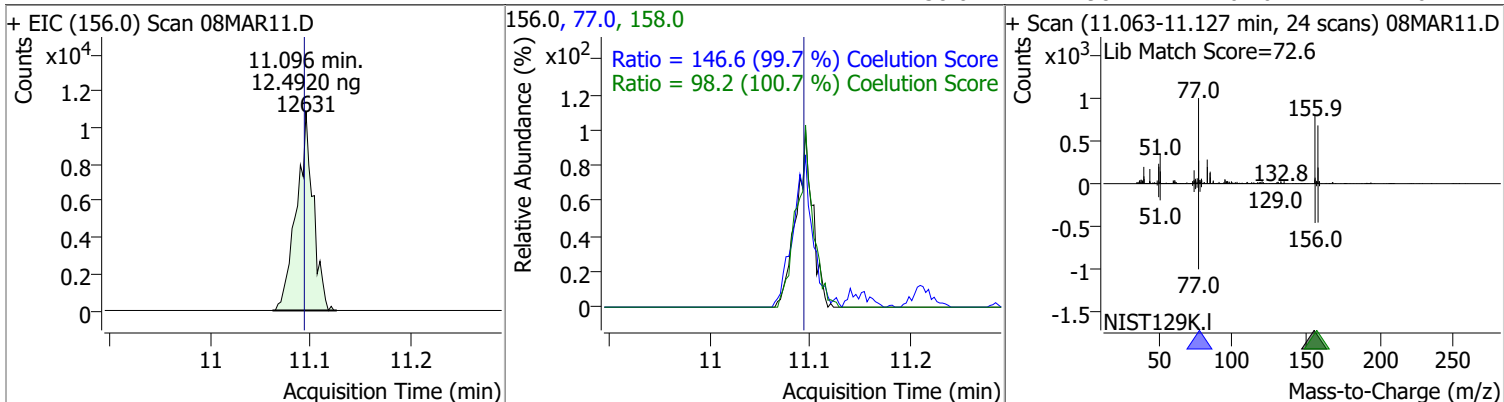
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	12.6329	9.80	0.00	35735	114.0	34.5	1.6	61.6
+ EIC (112.0) Scan 08MAR11.D			112.0, 114.0			+ Scan (9.760-9.836 min, 28 scans) 08MAR11.D		
1,1,1,2-Tetrachloroethane	12.8763	9.89	0.00	12750	133.0	91.4	67.9	127.9
+ EIC (131.0) Scan 08MAR11.D			131.0, 133.0			+ Scan (9.858-9.936 min, 29 scans) 08MAR11.D		
Ethylbenzene	12.0572	9.92	0.00	54739	106.0	30.9	1.2	61.2
+ EIC (91.0) Scan 08MAR11.D			91.0, 106.0			+ Scan (9.889-9.969 min, 30 scans) 08MAR11.D		
m+p-Xylenes	23.1569	10.04	0.00	40825	91.0	201.7	173.1	233.1
+ EIC (106.0) Scan 08MAR11.D			106.0, 91.0			+ Scan (10.003-10.087 min, 31 scans) 08MAR11.D		

# Quantitation Results Report (QT Reviewed)

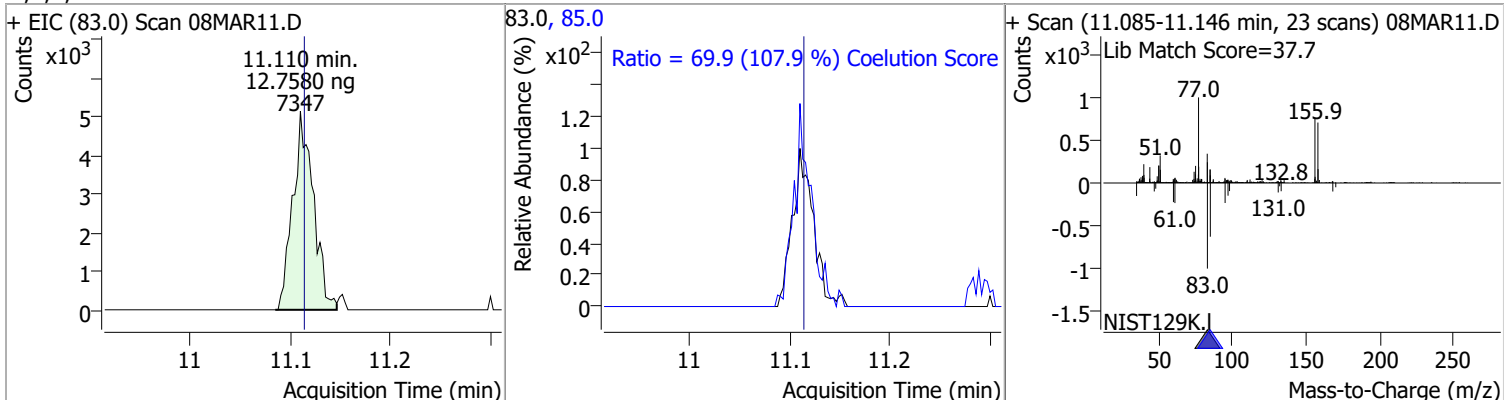
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	11.4462	10.43	0.00	17447	91.0	214.4	185.1	245.1
+ EIC (106.0) Scan 08MAR11.D 			106.0, 91.0 			+ Scan (10.399-10.466 min, 25 scans) 08MAR11.D Lib Match Score=62.3 		
Styrene	11.2091	10.45	0.00	27945	78.0	51.0	20.8	80.8
+ EIC (104.0) Scan 08MAR11.D 			104.0, 78.0 			+ Scan (10.413-10.497 min, 30 scans) 08MAR11.D Lib Match Score=64.8 		
Bromoform	12.8580	10.63	0.00	5269	170.5 174.5	54.0 45.6	22.5 18.3	82.5 78.3
+ EIC (172.5) Scan 08MAR11.D 			172.5, 174.5, 170.5 			+ Scan (10.597-10.664 min, 25 scans) 08MAR11.D Lib Match Score=55.6 		
p-Bromofluorobenzene	12.4490	10.95	0.00	13966	174.0 176.0	92.2 95.9	64.2 56.9	124.2 116.9
+ EIC (95.0) Scan 08MAR11.D 			95.0, 174.0, 176.0 			+ Scan (10.918-10.985 min, 25 scans) 08MAR11.D Lib Match Score=74.6 		

# Quantitation Results Report (QT Reviewed)

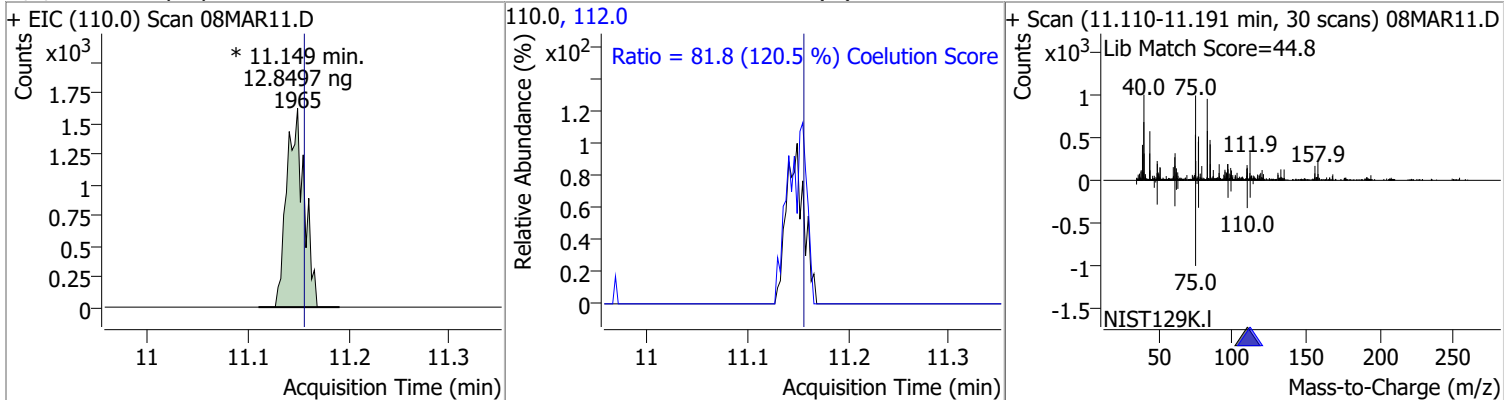
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	12.4920	11.10	0.01	12631	77.0	146.6	117.1	177.1
					158.0	98.2	67.6	127.6



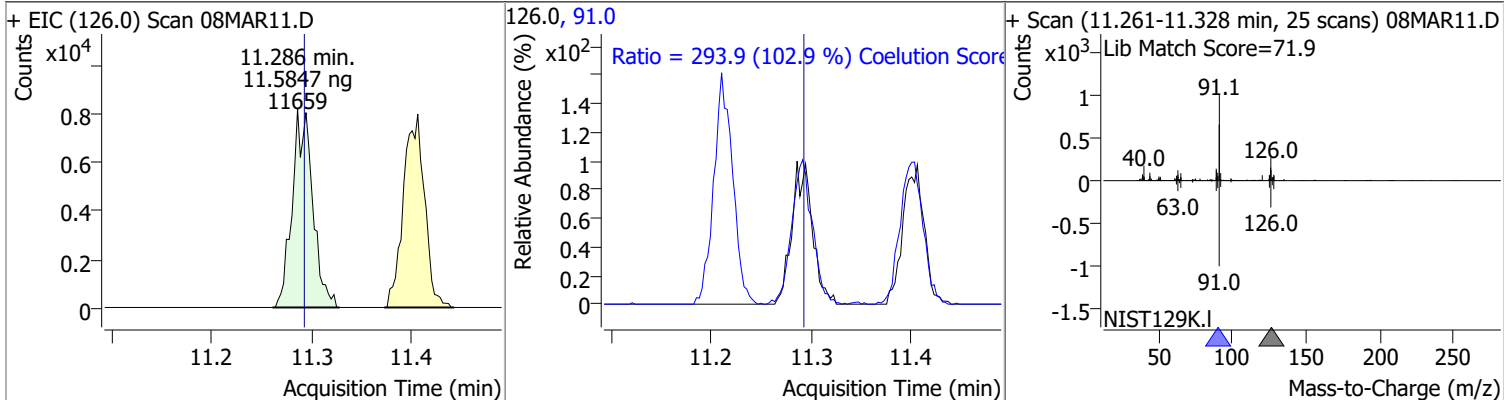
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	12.7580	11.11	0.00	7347	85.0	69.9	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	12.8497	11.15	0.00	1965 (m)	112.0	81.8	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	11.5847	11.29	0.00	11659	91.0	293.9	255.6	315.6



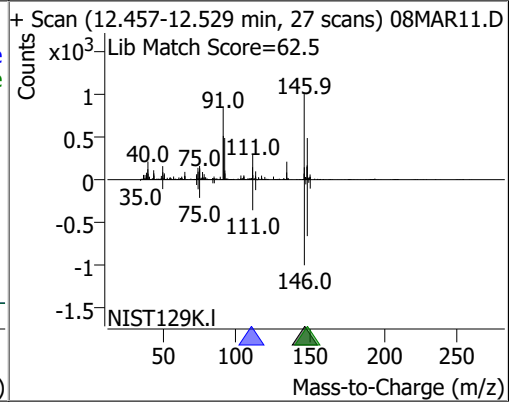
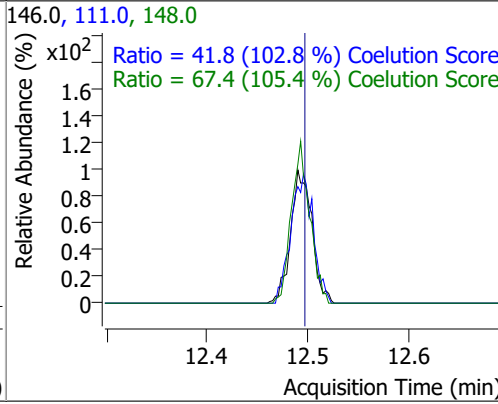
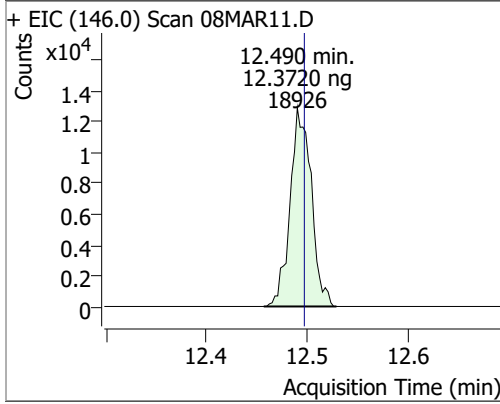


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	11.4117	11.40	0.00	37571	126.0	31.3	1.5	61.5
+ EIC (91.0) Scan 08MAR11.D			91.0, 126.0			+ Scan (11.361-11.439 min, 29 scans) 08MAR11.D		
1,3-Dichlorobenzene	12.5292	12.03	0.00	22620	148.0	69.1	34.3	94.3
+ EIC (146.0) Scan 08MAR11.D			146.0, 111.0, 148.0			+ Scan (11.997-12.069 min, 26 scans) 08MAR11.D		
1,4-Dichlorobenzene	12.6203	12.12	0.00	23795	148.0	70.9	33.5	93.5
+ EIC (146.0) Scan 08MAR11.D			146.0, 111.0, 148.0			+ Scan (12.083-12.164 min, 30 scans) 08MAR11.D		

# Quantitation Results Report (QT Reviewed)

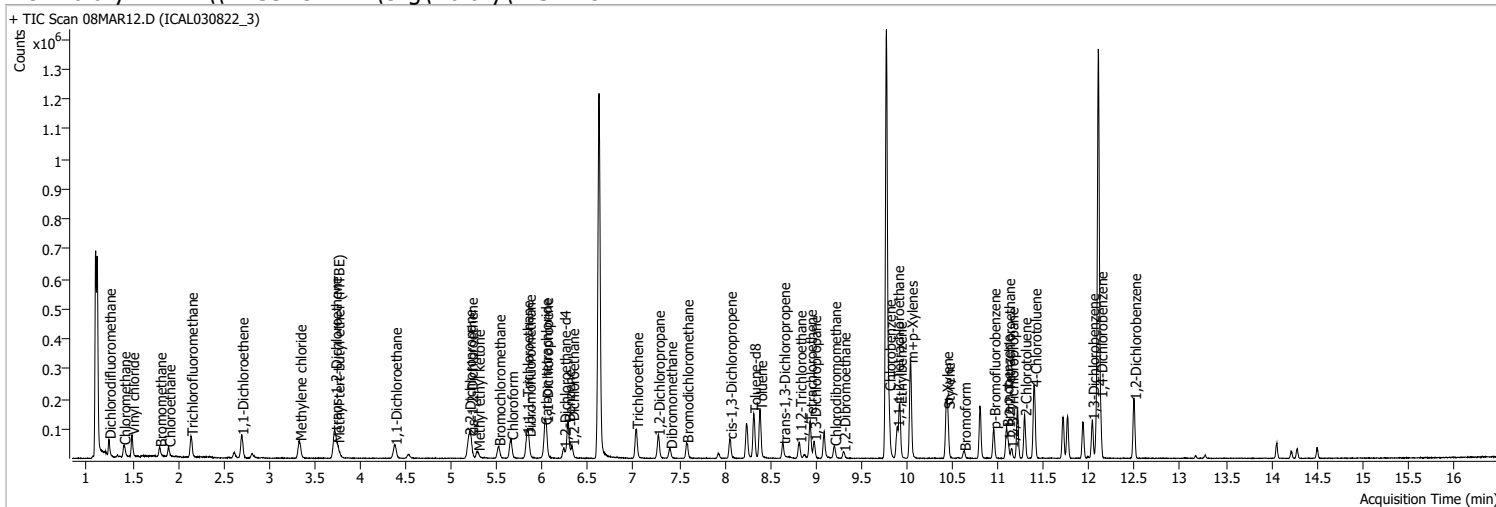
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	12.3720	12.49	0.00	18926	148.0	67.4	33.9	93.9
					111.0	41.8	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File 08MAR12.D  
 Acq. Method 5975CACQF.M  
 Sample Name ICAL030822\_3  
 Vial 12  
 DA Method File VOA5975C\_8260B\_SHT\_DoD\_030822.m  
 Tune File BFB\_Atune3.u  
 Batch Name VG030822\_8260B.batch.bin  
 Ref Library \\MASSHUNTER\Org\Library\NIST129K.I

Operator MSC  
 Acq. Date-Time 3/8/2022 3:45:18 PM  
 Instrument VOA5975C  
 Multiplier 1.00  
 Comment  
 Tune Date 10/11/2021 4:02:00 PM  
 Last Calib Update 3/9/2022 9:53:53 AM



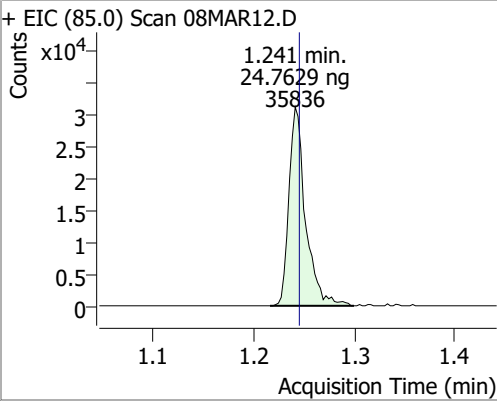
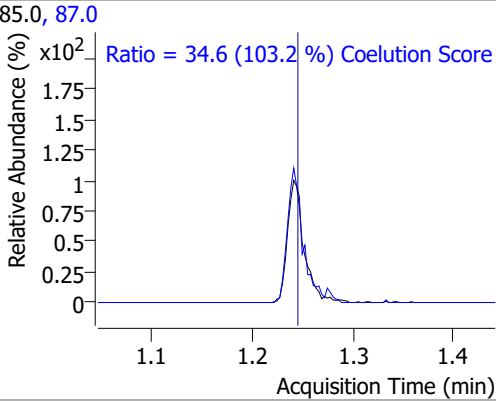
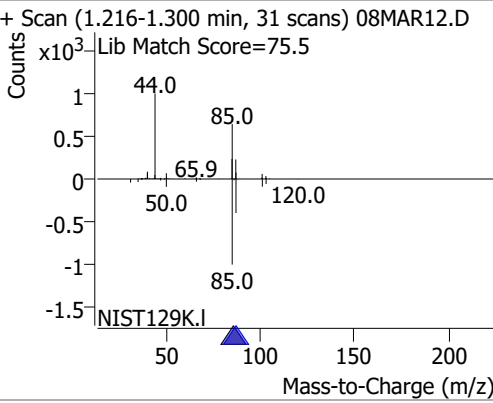
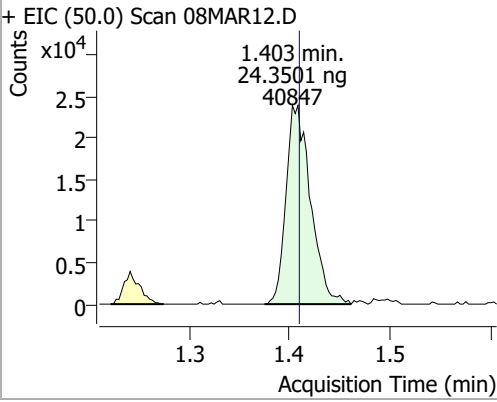
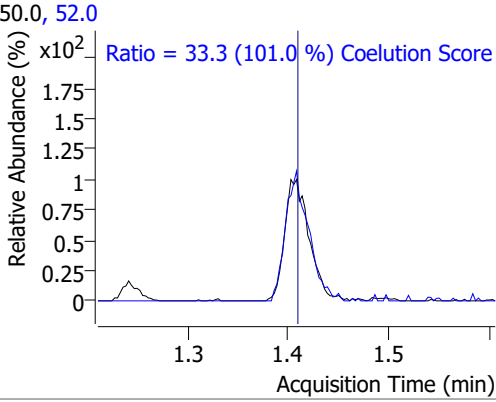
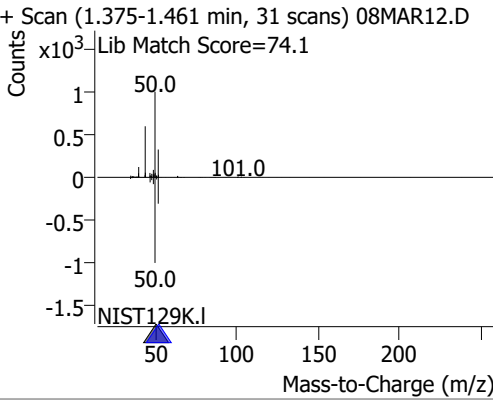
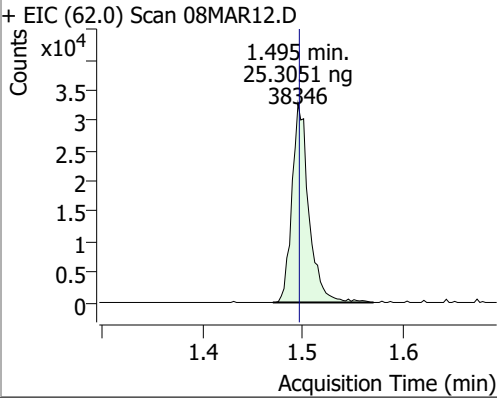
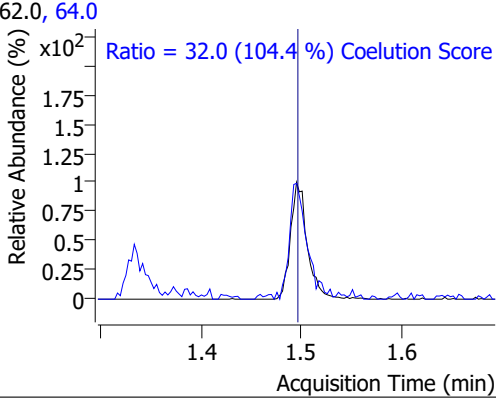
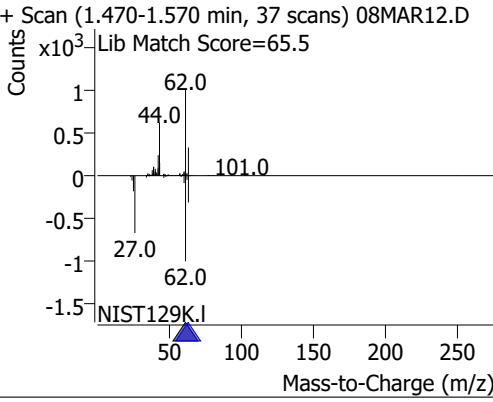
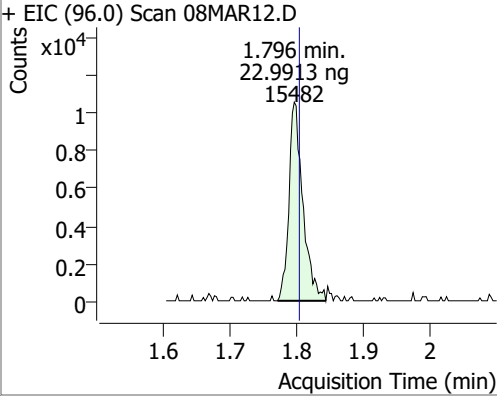
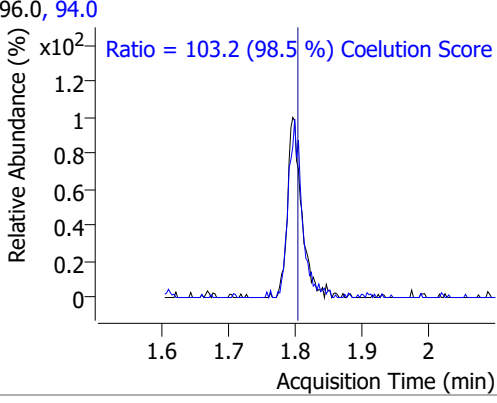
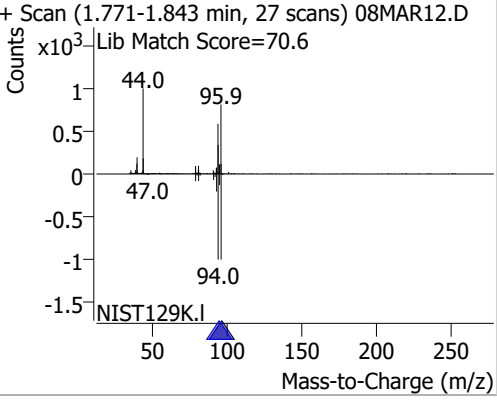
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	1002144	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	391286	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	321352	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.851	113.0	25604	25.1448	ng	0.008
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 10.06%	*	
S 1,2-Dichloroethane-d4	6.233	67.0	12174	26.7845	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 10.71%	*	
S Toluene-d8	8.319	98.0	89442	24.4405	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 9.78%	*	
S p-Bromofluorobenzene	10.951	95.0	26292	22.1887	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 8.88%	*	
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	35836	24.7629	ng	98
T Chloromethane	1.403	50.0	40847	24.3501	ng	99
T Vinyl chloride	1.495	62.0	38346	25.3051	ng	97
T Bromomethane	1.796	96.0	15482	22.9913	ng	98
T Chloroethane	1.896	64.0	19447	24.2644	ng	98
T Trichlorofluoromethane	2.142	101.0	48562	25.4017	ng	100
T 1,1-Dichloroethene	2.697	96.0	27578	27.1231	ng	95
T Methylene chloride	3.333	49.0	40397	26.1648	ng	97
T trans-1,2-Dichloroethene	3.720	96.0	26428	24.9670	ng	93
T Methyl tert-butyl ether (MTBE)	3.751	73.0	32048	24.3000	ng	98
T 1,1-Dichloroethane	4.378	63.0	50913	25.1118	ng	95
T 2,2-Dichloropropane	5.190	77.0	40640	26.0085	ng	99
T cis-1,2-Dichloroethene	5.215	96.0	25254	23.5920	ng	98
T Methyl ethyl ketone	5.290	43.0	32020	227.5811	ng	99
T Bromochloromethane	5.516	128.0	10656	24.9682	ng	100
T Chloroform	5.655	83.0	49831	25.0817	ng	100

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.826	97.0	47799	24.8130	ng	99
T Carbon tetrachloride	6.024	117.0	47724	25.0966	ng	100
T 1,1-Dichloropropene	6.040	75.0	36238	23.1833	ng	99
T Benzene	6.280	78.0	97035	23.8121	ng	100
T 1,2-Dichloroethane	6.325	62.0	27273	24.7669	ng	97
T Trichloroethene	7.028	95.0	30250	24.7103	ng	96
T 1,2-Dichloropropane	7.267	63.0	25397	23.8115	ng	93
T Dibromomethane	7.401	93.0	11685	25.8756	ng	93
T Bromodichloromethane	7.580	83.0	32039	25.4042	ng	97
T cis-1,3-Dichloropropene	8.057	75.0	32287	23.4989	ng	97
T Toluene	8.388	92.0	59228	22.9417	ng	98
T trans-1,3-Dichloropropene	8.642	75.0	23155	22.9047	ng	97
T 1,1,2-Trichloroethane	8.821	83.0	12649	24.8675	ng	98
T Tetrachloroethene	8.935	163.8	25872	23.6634	ng	98
T 1,3-Dichloropropane	8.982	76.0	25686	24.6867	ng	95
T Chlorodibromomethane	9.203	129.0	19635	23.8775	ng	99
T 1,2-Dibromoethane	9.303	107.0	14543	25.5429	ng	88
T Chlorobenzene	9.802	112.0	69663	24.2112	ng	97
T 1,1,1,2-Tetrachloroethane	9.891	131.0	25140	24.9602	ng	95
T Ethylbenzene	9.922	91.0	110892	23.0683	ng	98
T m+p-Xylenes	10.042	106.0	85101	44.8929	ng	100
T o-Xylene	10.430	106.0	39176	23.9314	ng	93
T Styrene	10.449	104.0	58603	21.6859	ng	99
T Bromoform	10.625	172.5	11309	26.1285	ng	96
T Bromobenzene	11.093	156.0	25075	23.4790	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	15259	25.0867	ng	97
T 1,2,3-Trichloropropane	11.146	110.0	4226	26.1588	ng	98
T 2-Chlorotoluene	11.289	126.0	25072	23.5862	ng	93
T 4-Chlorotoluene	11.400	91.0	76815	22.0897	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	45163	23.6842	ng	97
T 1,4-Dichlorobenzene	12.125	146.0	50411	25.3136	ng	95
T 1,2-Dichlorobenzene	12.493	146.0	39062	24.1758	ng	99

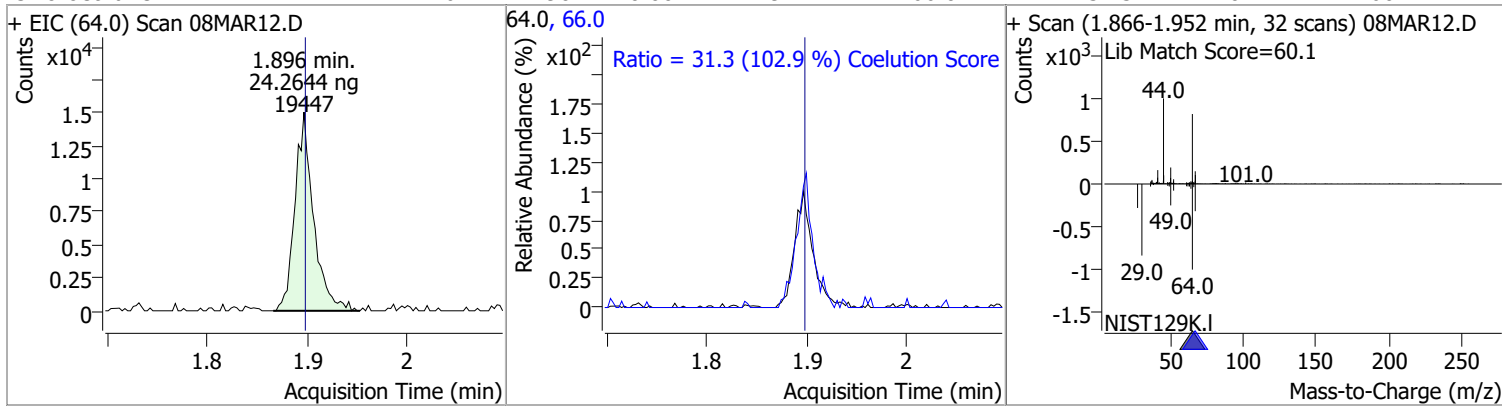
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

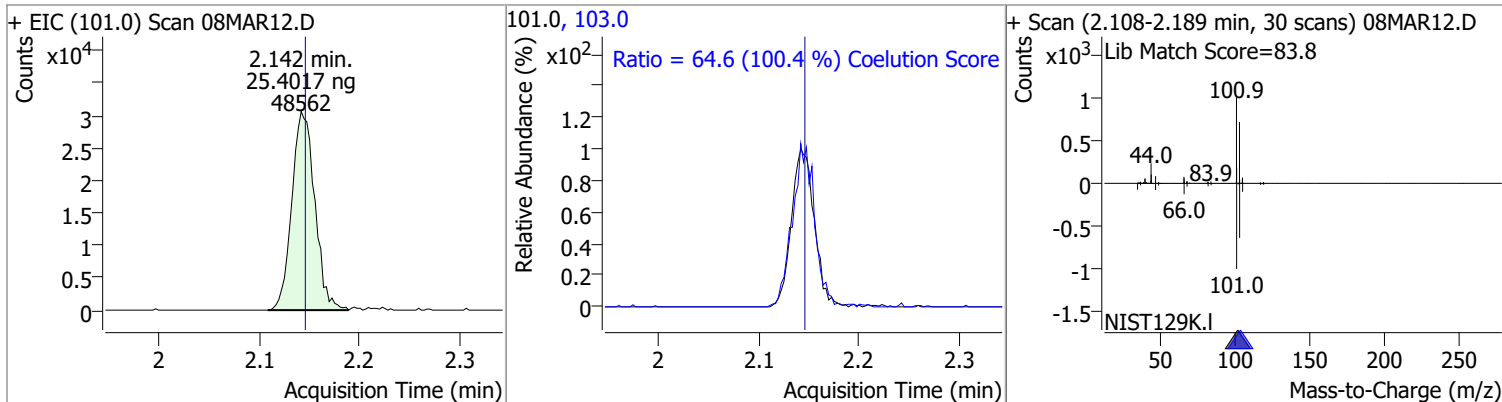
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	24.7629	1.24	0.00	35836	87.0	34.6	3.5	63.5
+ EIC (85.0) Scan 08MAR12.D 			85.0, 87.0 			+ Scan (1.216-1.300 min, 31 scans) 08MAR12.D Lib Match Score=75.5 		
Chloromethane	24.3501	1.40	-0.01	40847	52.0	33.3	3.0	63.0
+ EIC (50.0) Scan 08MAR12.D 			50.0, 52.0 			+ Scan (1.375-1.461 min, 31 scans) 08MAR12.D Lib Match Score=74.1 		
Vinyl chloride	25.3051	1.49	0.00	38346	64.0	32.0	0.6	60.6
+ EIC (62.0) Scan 08MAR12.D 			62.0, 64.0 			+ Scan (1.470-1.570 min, 37 scans) 08MAR12.D Lib Match Score=65.5 		
Bromomethane	22.9913	1.80	-0.01	15482	94.0	103.2	74.8	134.8
+ EIC (96.0) Scan 08MAR12.D 			96.0, 94.0 			+ Scan (1.771-1.843 min, 27 scans) 08MAR12.D Lib Match Score=70.6 		

# Quantitation Results Report (QT Reviewed)

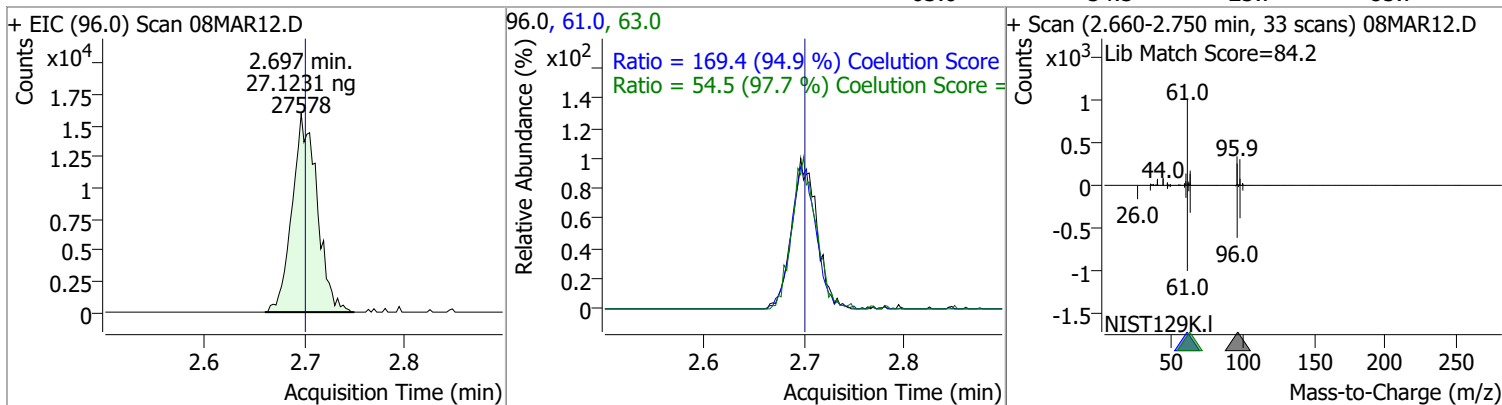
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	24.2644	1.90	0.00	19447	66.0	31.3	0.4	60.4



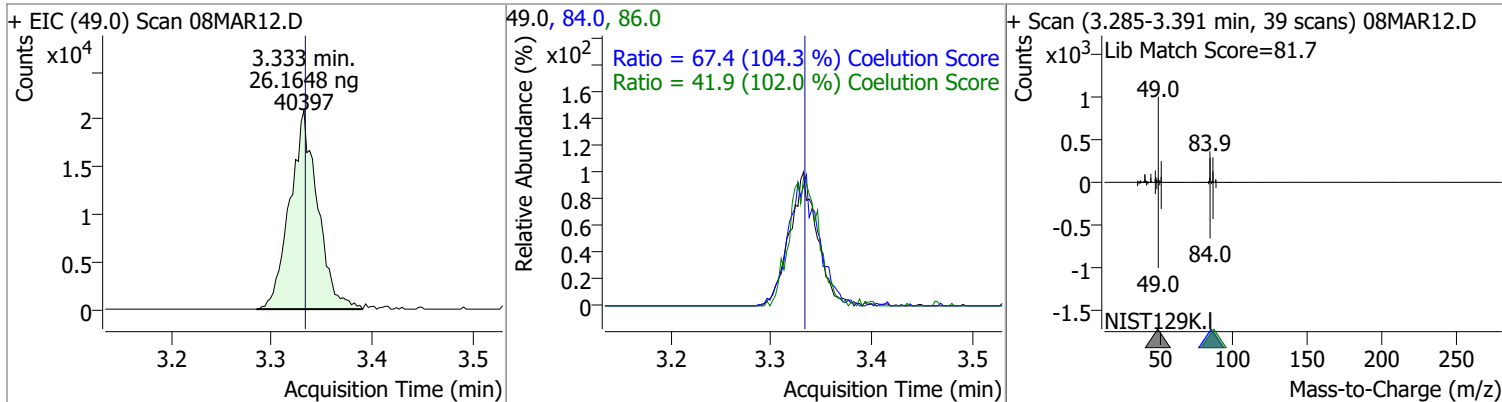
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	25.4017	2.14	0.00	48562	103.0	64.6	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	27.1231	2.70	0.00	27578	61.0	169.4	148.4	208.4
					63.0	54.5	25.7	85.7

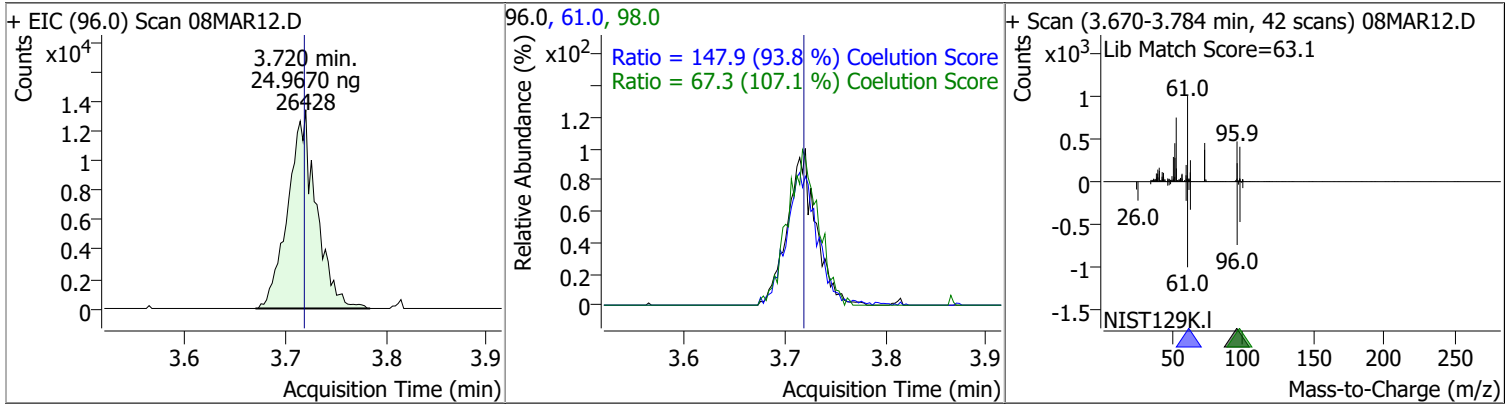


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	26.1648	3.33	0.00	40397	84.0	67.4	34.7	94.7
					86.0	41.9	11.1	71.1

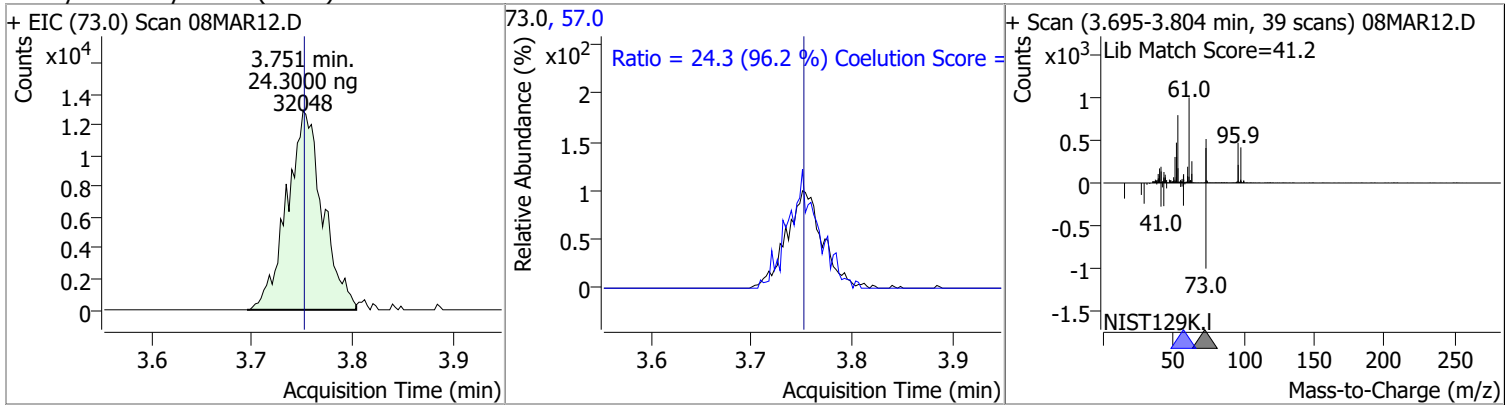


# Quantitation Results Report (QT Reviewed)

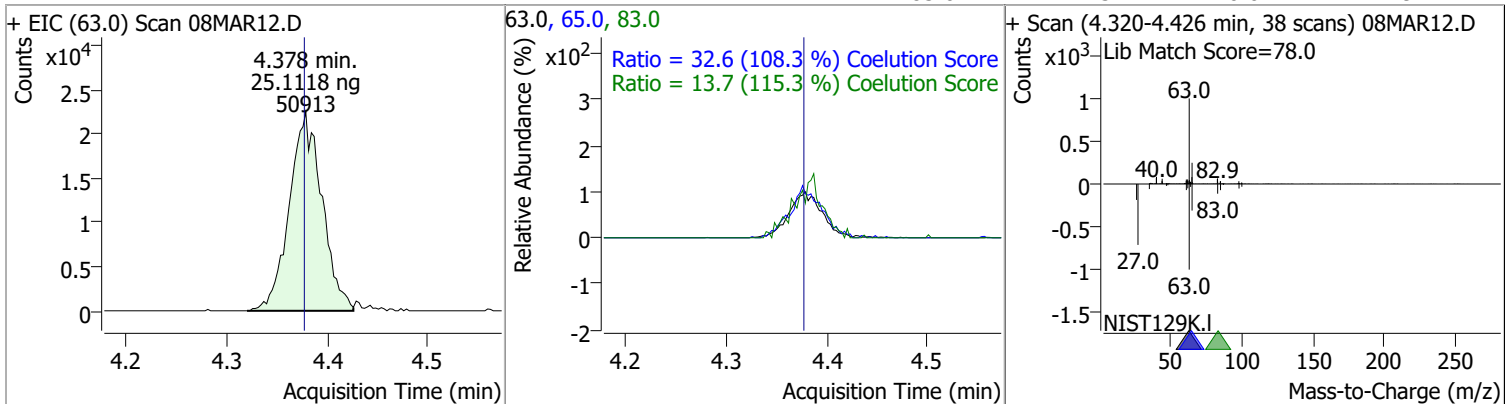
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	24.9670	3.72	0.00	26428	61.0	147.9	127.7	187.7
					98.0	67.3	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	24.3000	3.75	0.00	32048	57.0	24.3	0.0	55.3

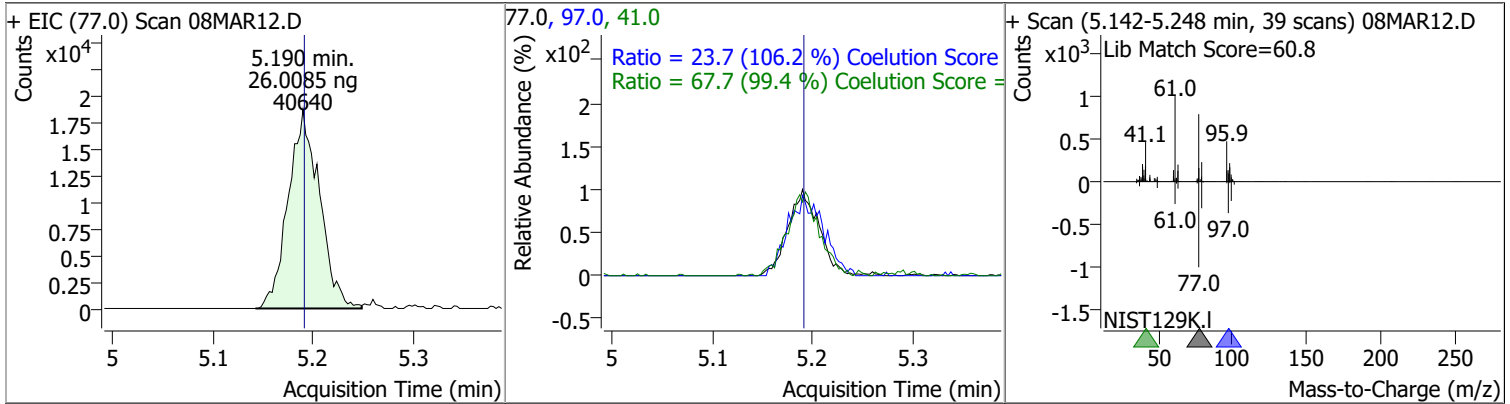


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	25.1118	4.38	0.00	50913	65.0	32.6	0.1	60.1
					83.0	13.7	0.0	41.9

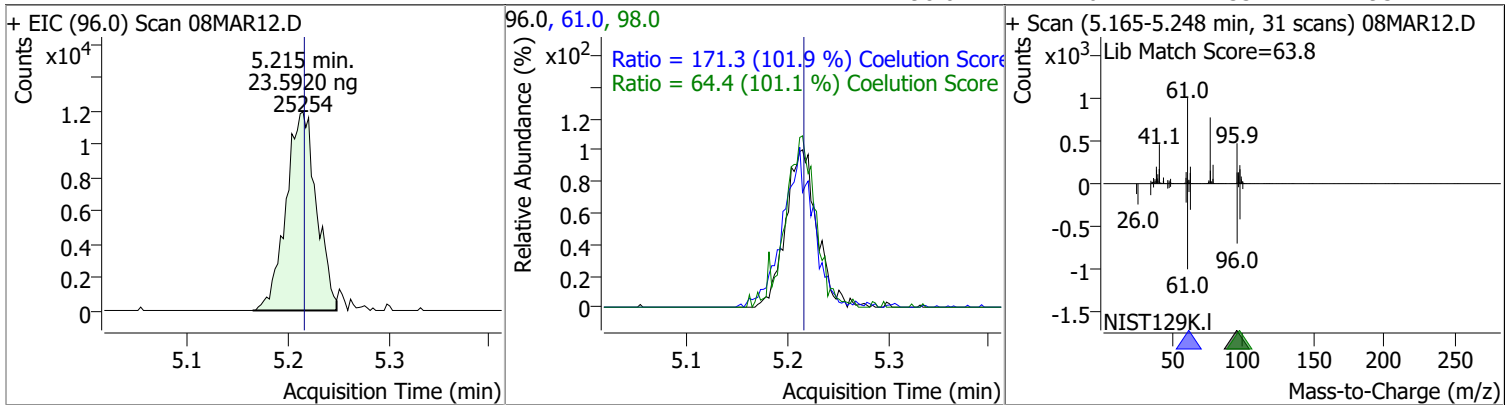


# Quantitation Results Report (QT Reviewed)

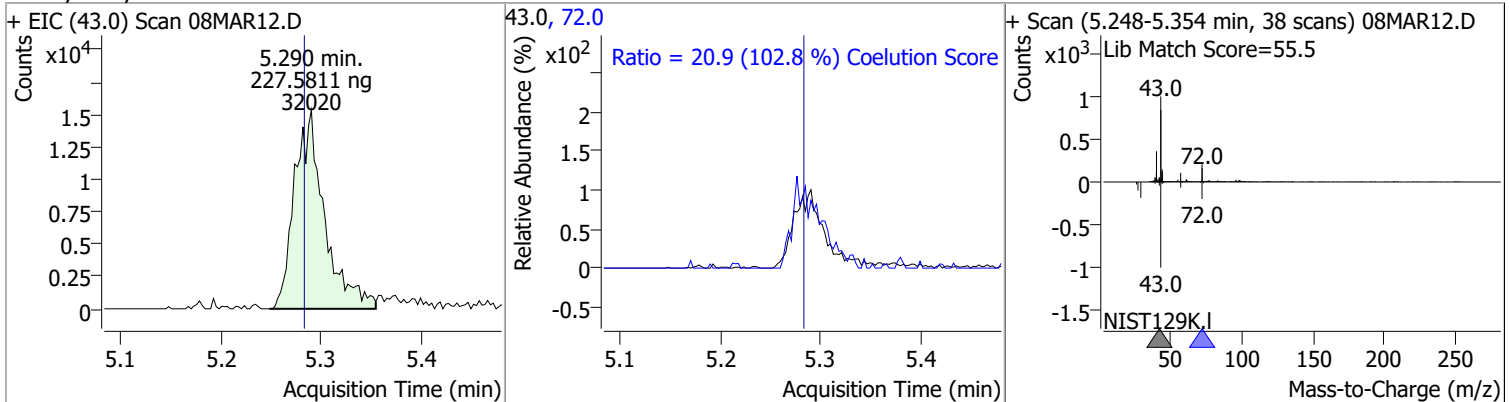
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	26.0085	5.19	0.00	40640	41.0	67.7	38.2	98.2
					97.0	23.7	0.0	52.4



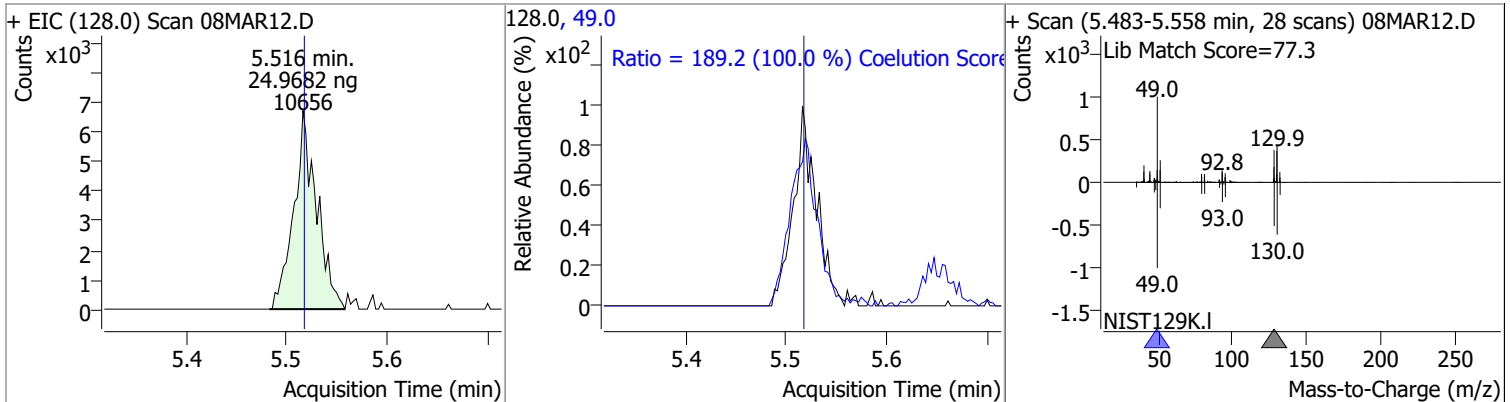
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	23.5920	5.21	0.00	25254	61.0	171.3	138.1	198.1
					98.0	64.4	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	227.5811	5.29	0.01	32020	72.0	20.9	0.0	50.3

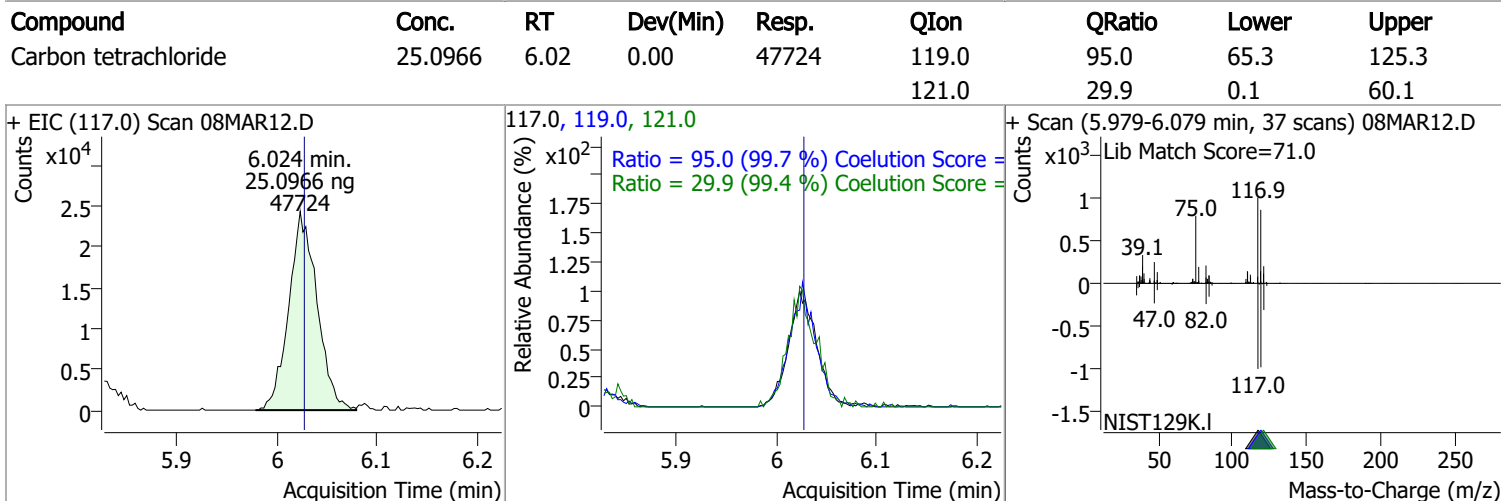
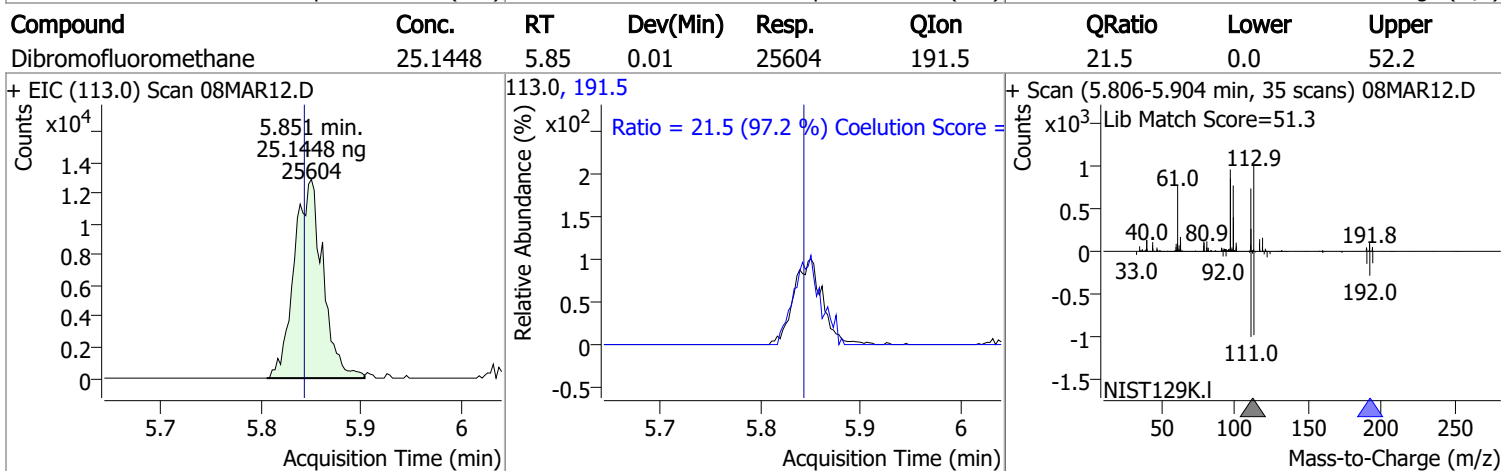
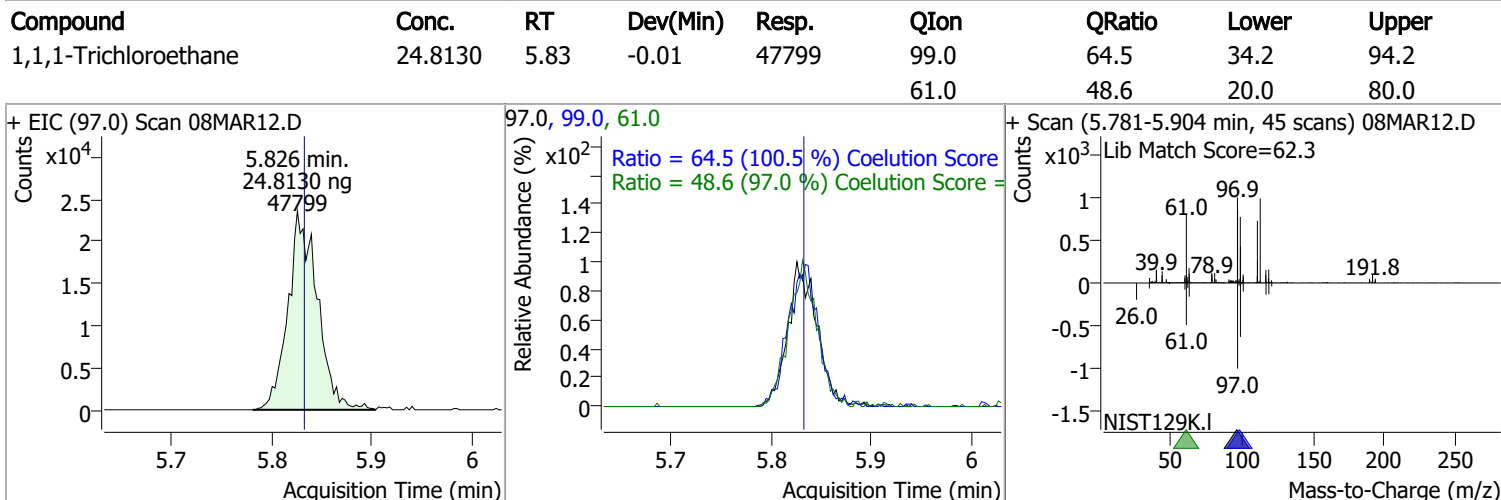
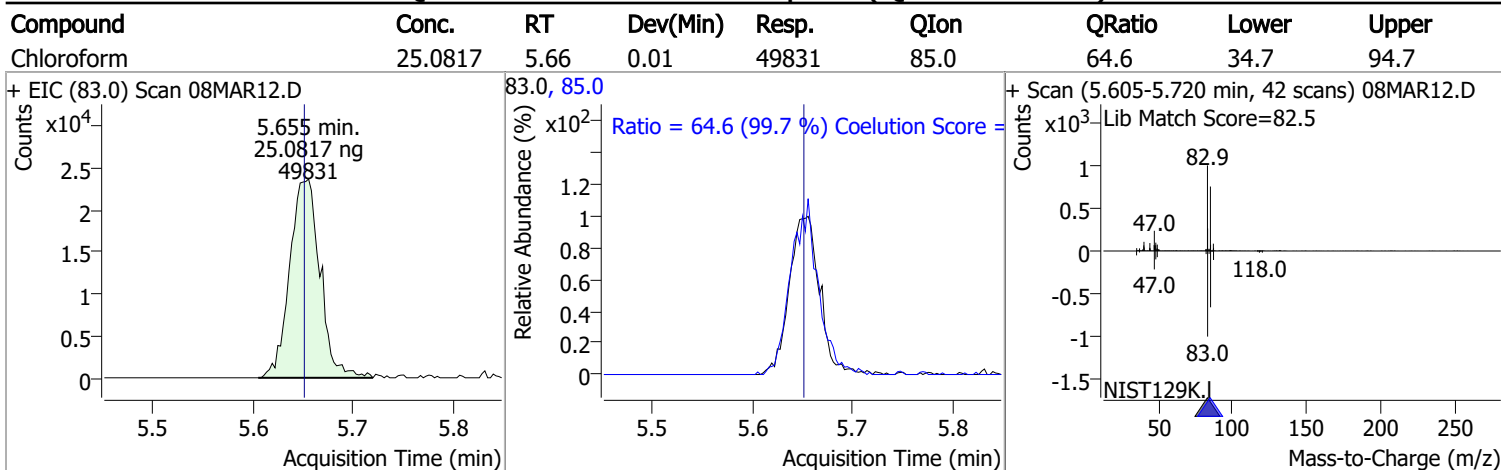


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	24.9682	5.52	0.00	10656	49.0	189.2	159.1	219.1



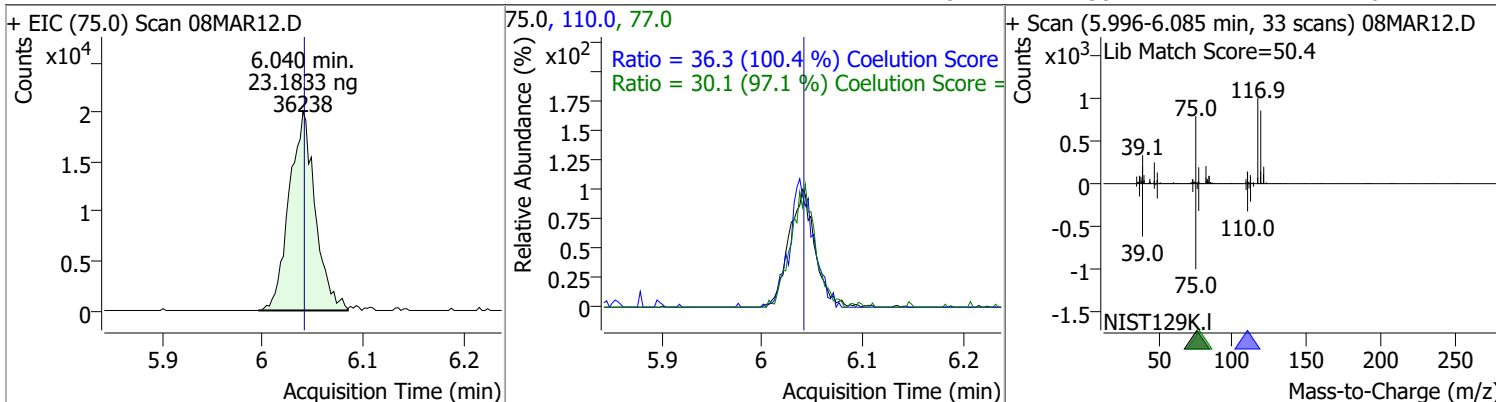


# Quantitation Results Report (QT Reviewed)

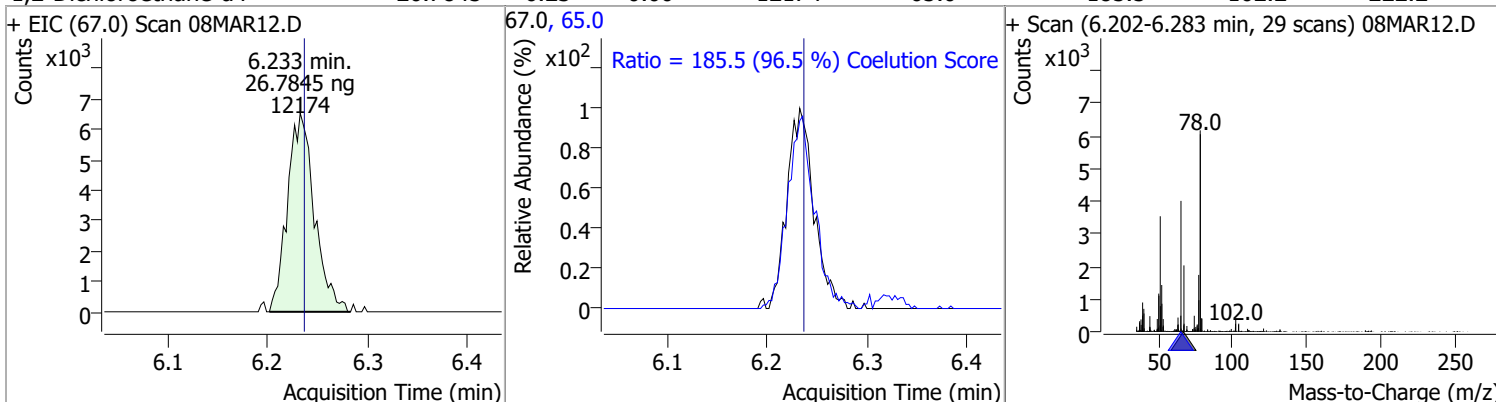


# Quantitation Results Report (QT Reviewed)

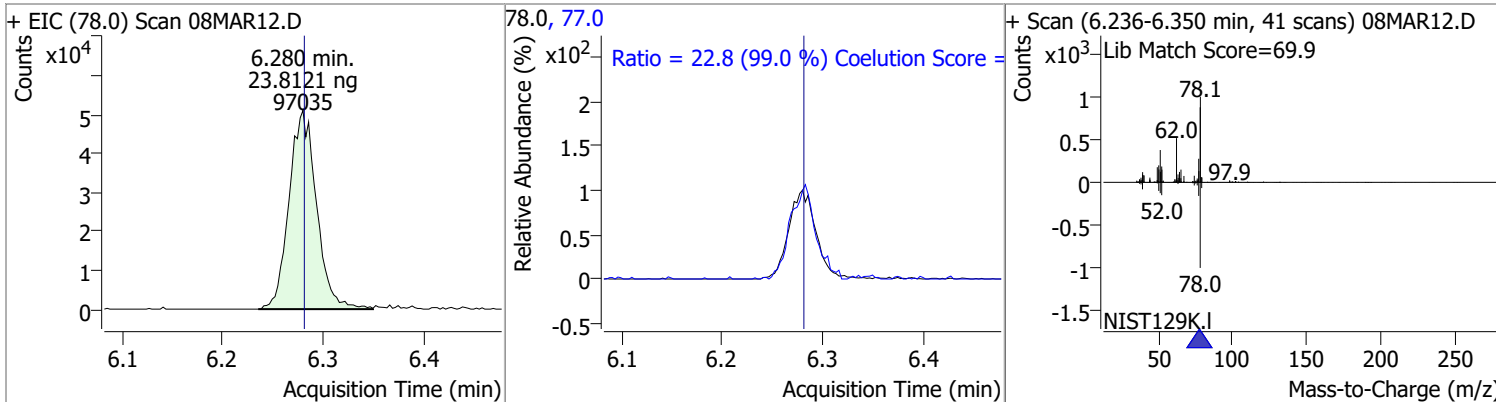
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	23.1833	6.04	0.00	36238	110.0	36.3	6.1	66.1
					77.0	30.1	1.1	61.1



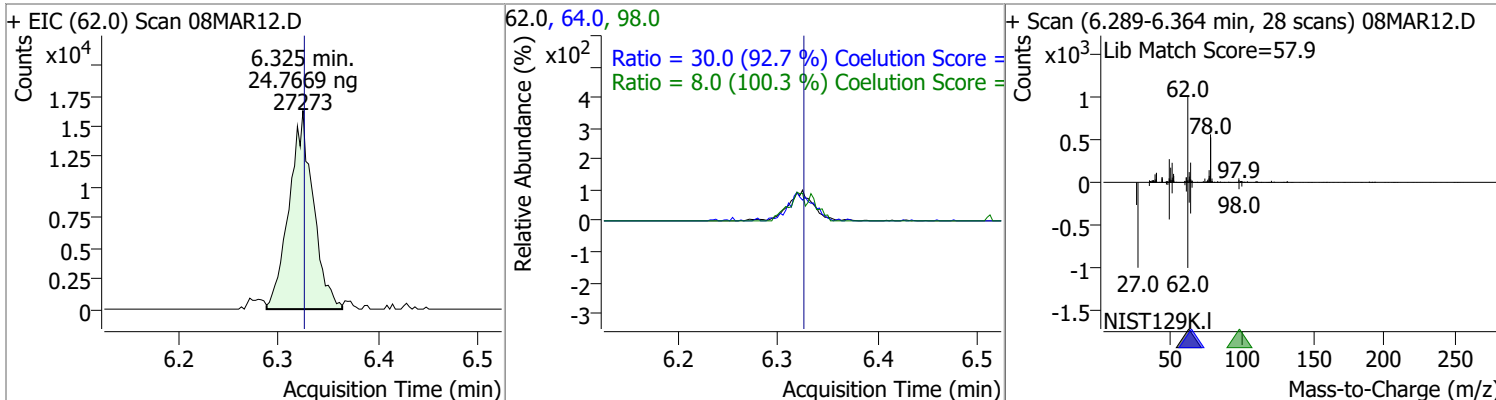
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	26.7845	6.23	0.00	12174	65.0	185.5	162.2	222.2
					77.0	30.1	1.1	61.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	23.8121	6.28	0.00	97035	77.0	22.8	0.0	53.0
					77.0	30.1	1.1	61.1

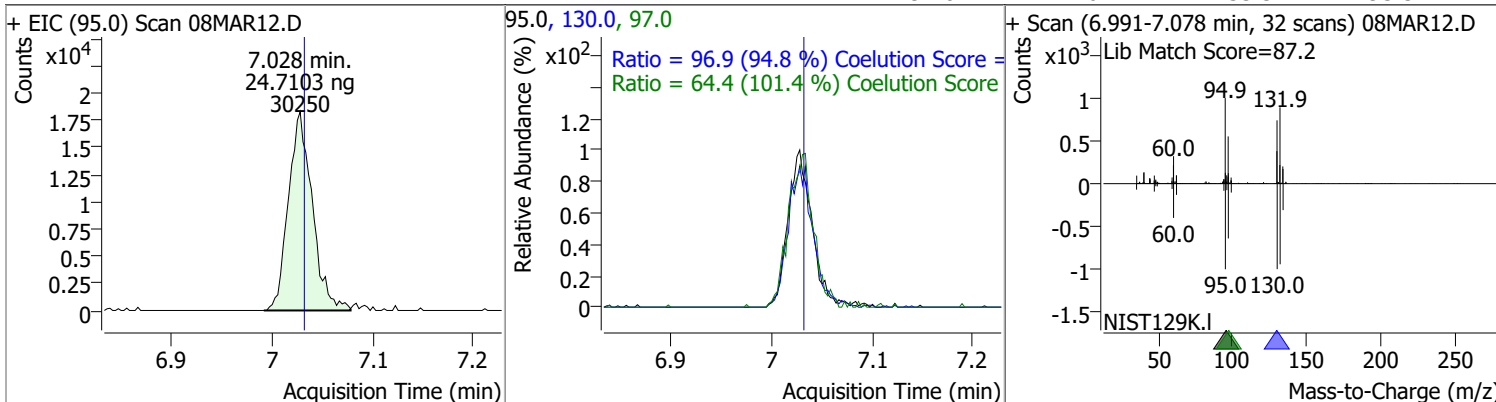


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	24.7669	6.32	0.00	27273	64.0	30.0	2.3	62.3
					98.0	8.0	0.0	38.0

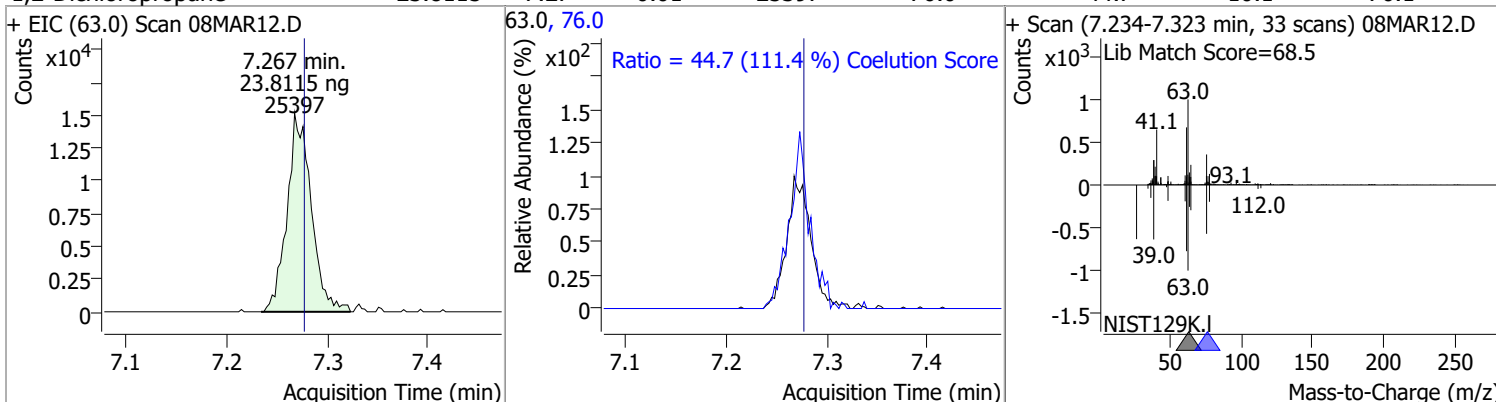


# Quantitation Results Report (QT Reviewed)

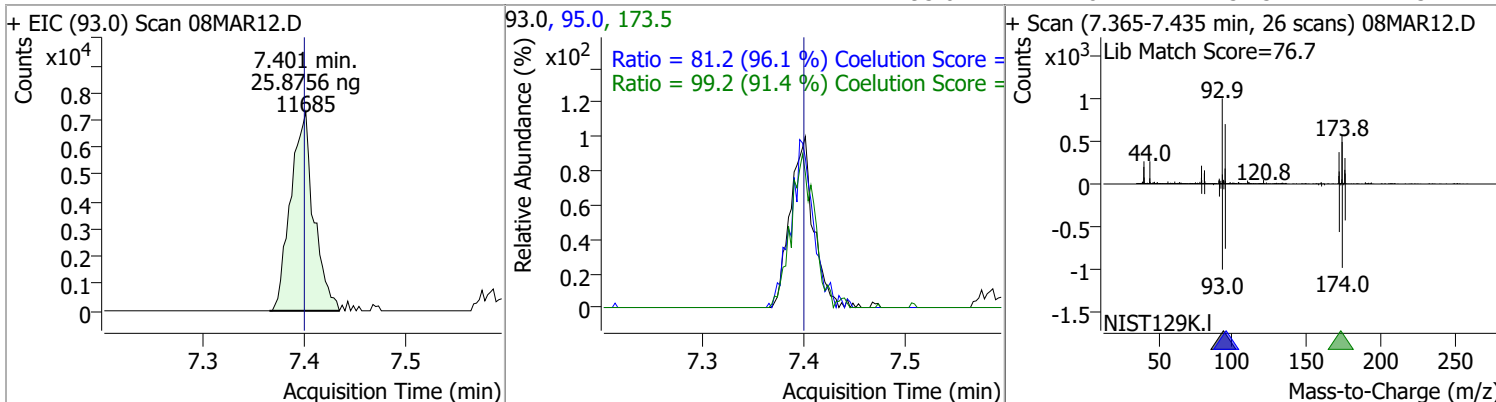
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	24.7103	7.03	0.00	30250	130.0	96.9	72.3	132.3
					97.0	64.4	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	23.8115	7.27	-0.01	25397	76.0	44.7	10.1	70.1

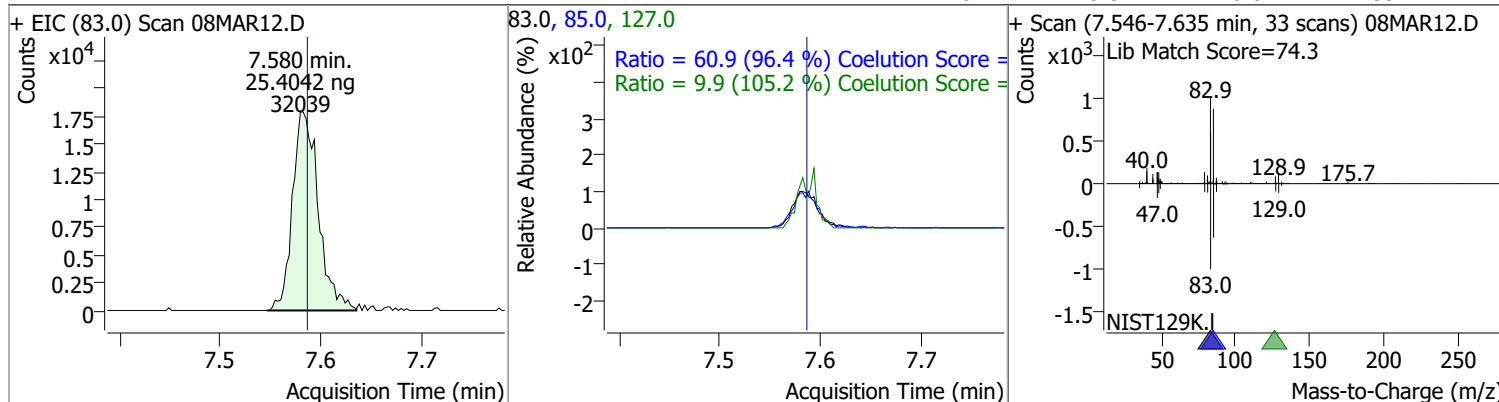


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	25.8756	7.40	0.00	11685	173.5	99.2	78.6	138.6
					95.0	81.2	54.5	114.5

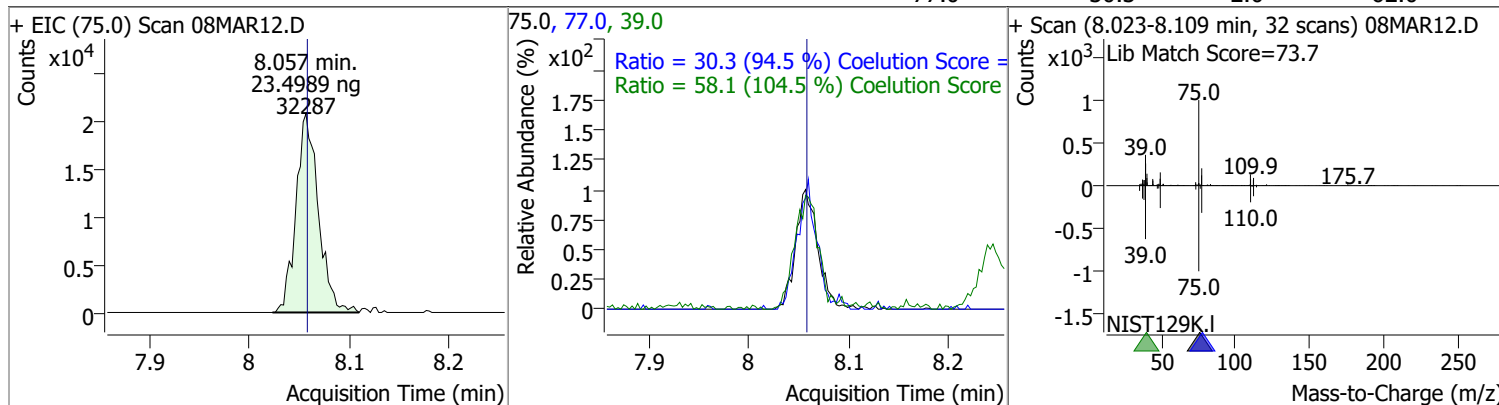


# Quantitation Results Report (QT Reviewed)

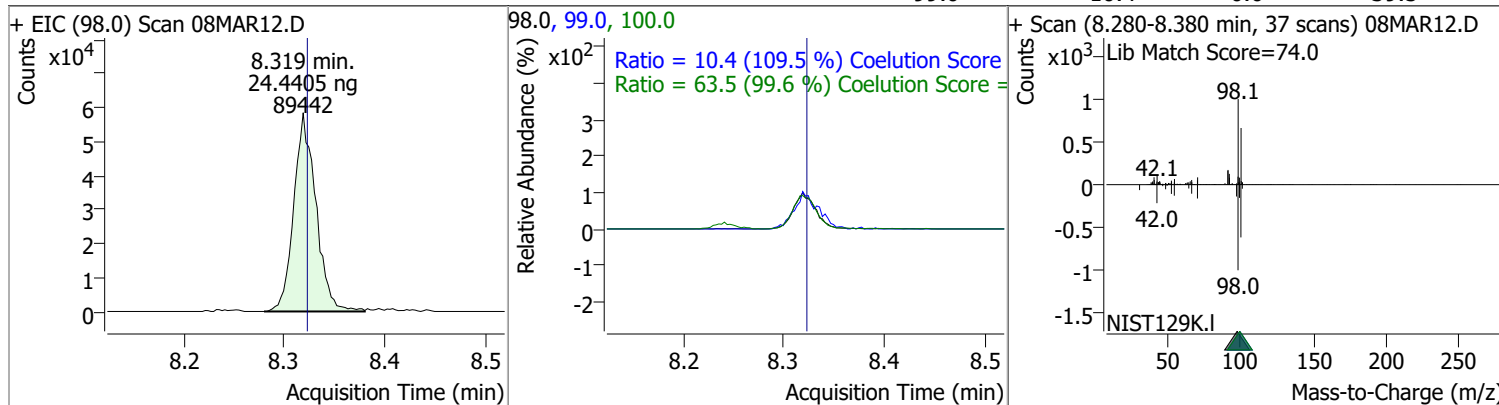
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	25.4042	7.58	-0.01	32039	85.0	60.9	33.2	93.2
					127.0	9.9	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	23.4989	8.06	0.00	32287	39.0	58.1	25.6	85.6
					77.0	30.3	2.0	62.0

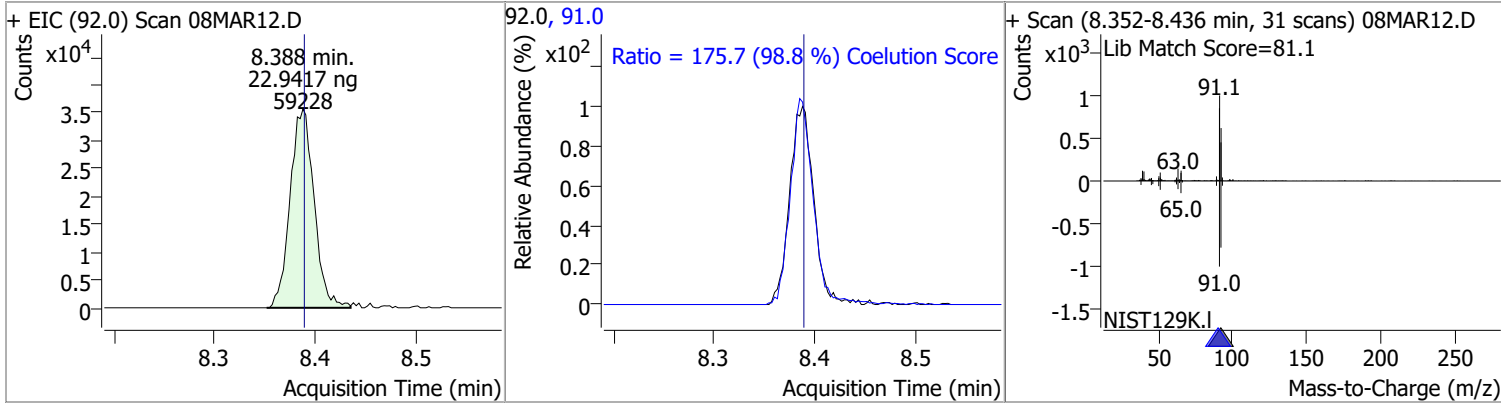


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	24.4405	8.32	0.00	89442	100.0	63.5	33.7	93.7
					99.0	10.4	0.0	39.5

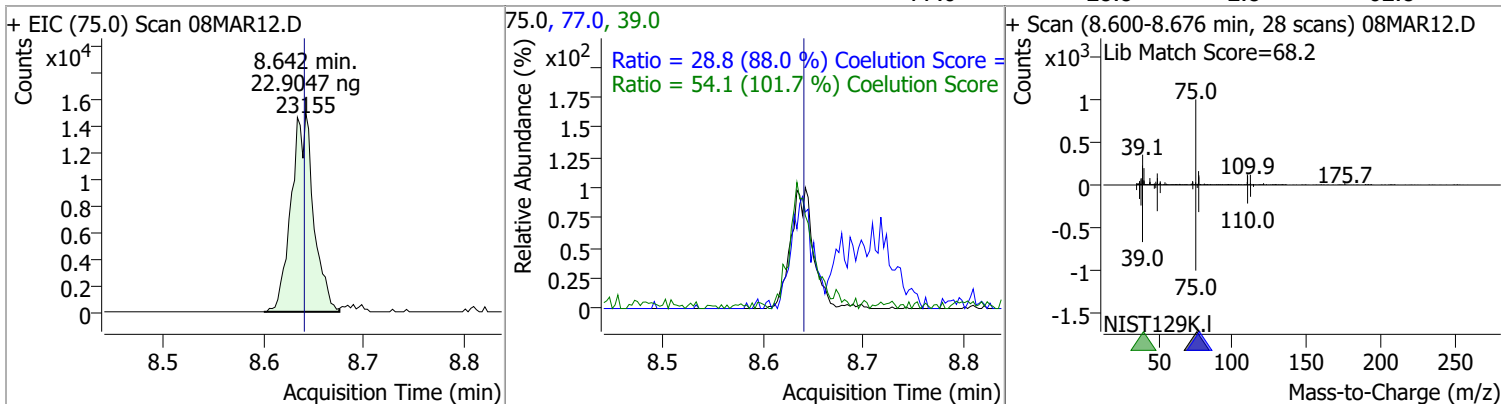


# Quantitation Results Report (QT Reviewed)

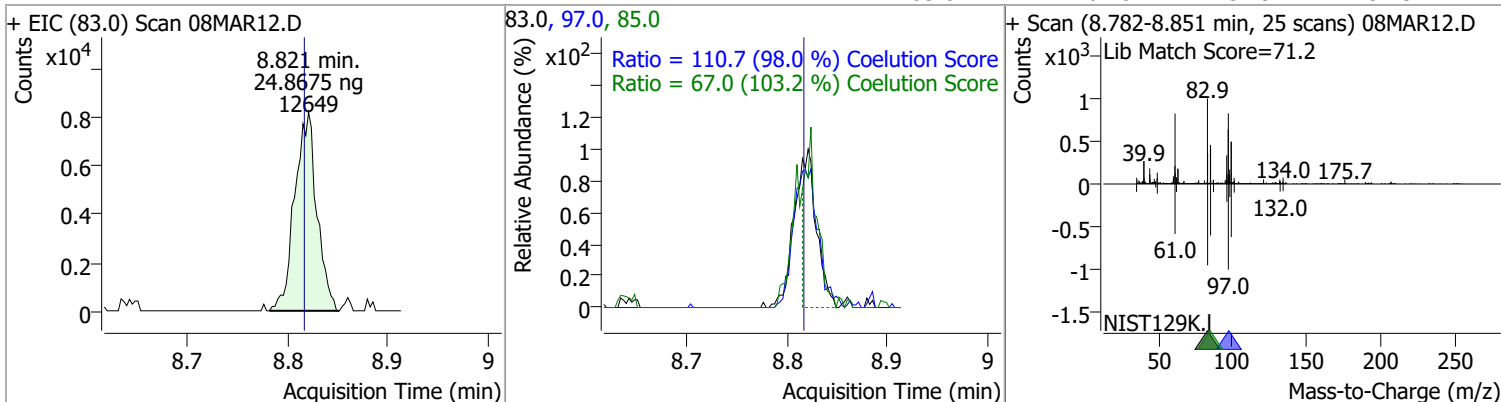
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	22.9417	8.39	0.00	59228	91.0	175.7	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	22.9047	8.64	0.00	23155	39.0	54.1	23.2	83.2
					77.0	28.8	2.8	62.8

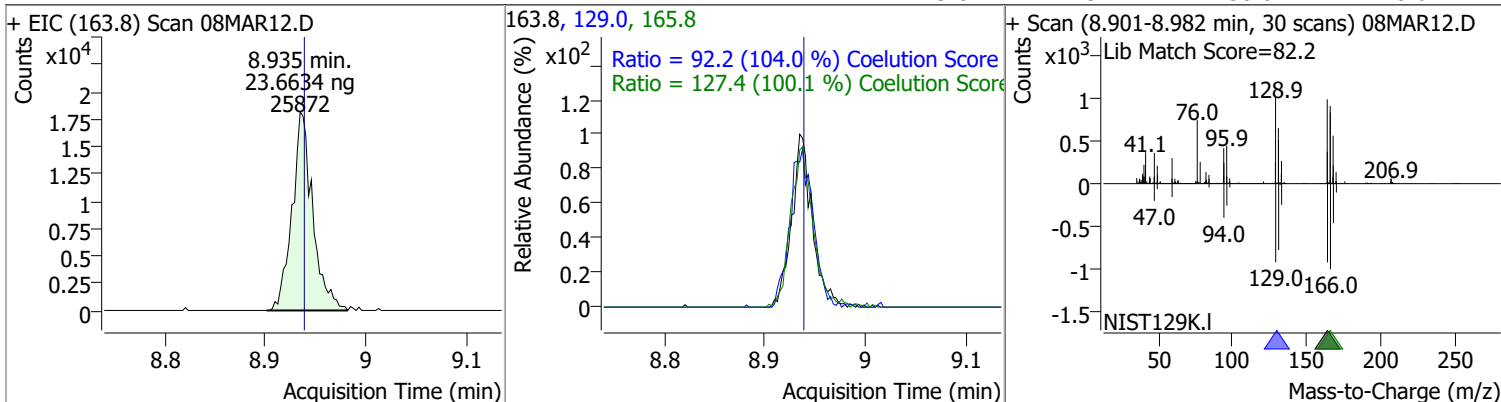


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	24.8675	8.82	0.01	12649	97.0	110.7	83.0	143.0
					85.0	67.0	34.9	94.9

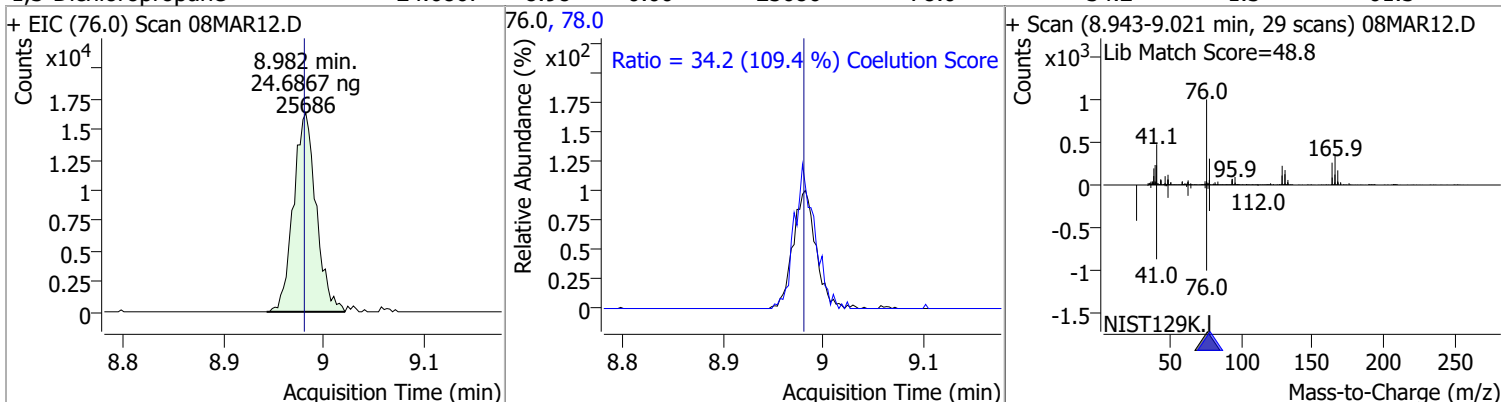


# Quantitation Results Report (QT Reviewed)

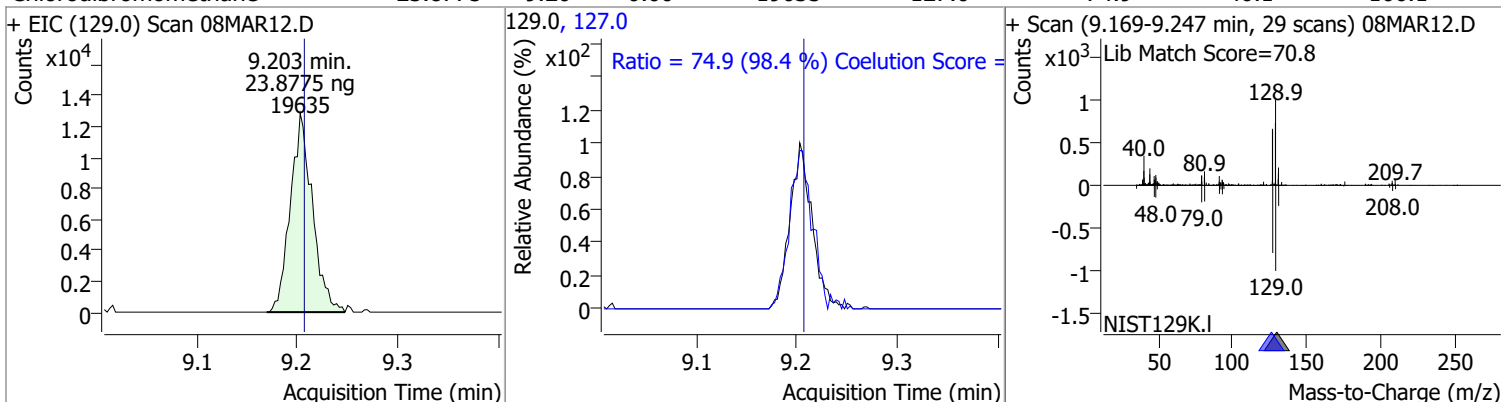
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	23.6634	8.93	0.00	25872	165.8	127.4	97.2	157.2
					129.0	92.2	58.6	118.6



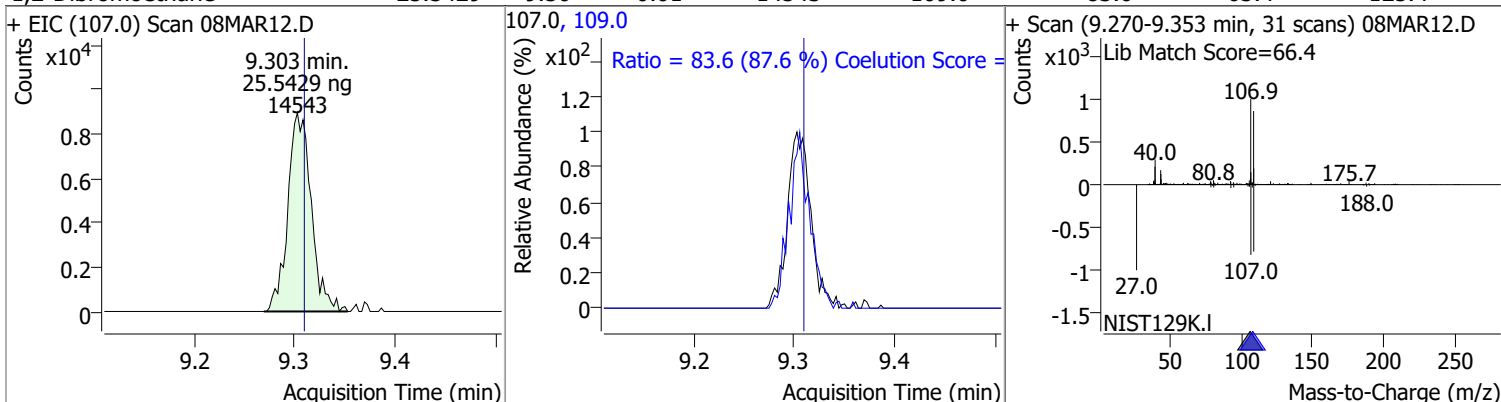
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	24.6867	8.98	0.00	25686	78.0	34.2	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	23.8775	9.20	0.00	19635	127.0	74.9	46.1	106.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	25.5429	9.30	-0.01	14543	109.0	83.6	65.4	125.4

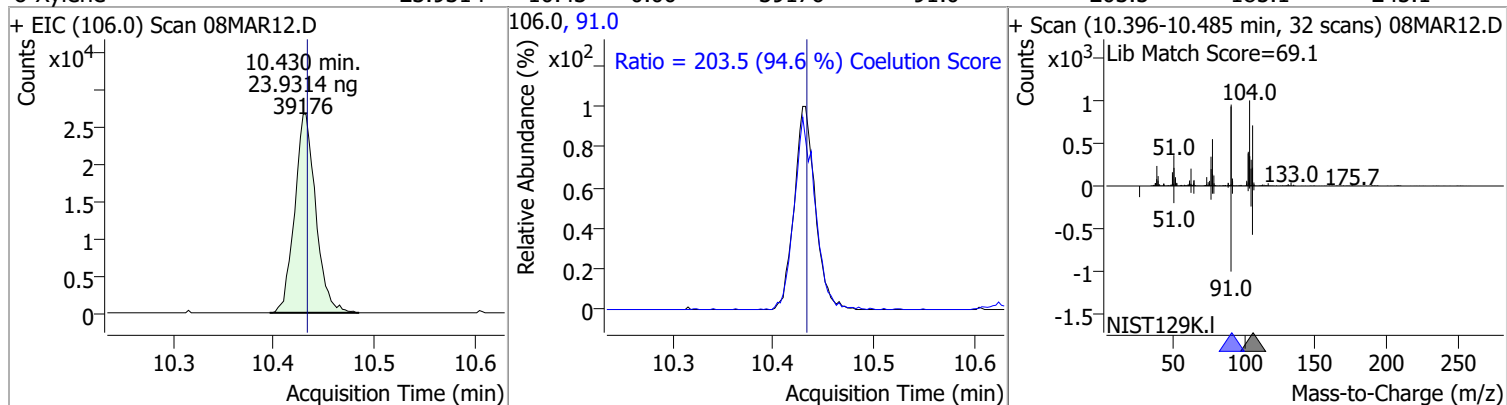


# Quantitation Results Report (QT Reviewed)

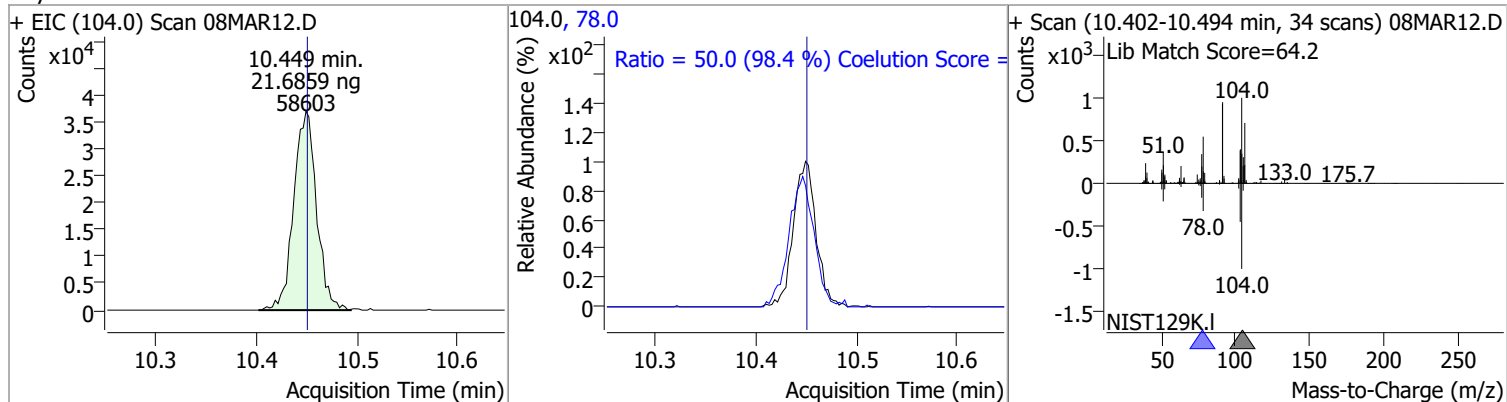
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	24.2112	9.80	0.00	69663	114.0	33.4	1.6	61.6
+ EIC (112.0) Scan 08MAR12.D			112.0, 114.0			+ Scan (9.763-9.855 min, 33 scans) 08MAR12.D		
1,1,1,2-Tetrachloroethane	24.9602	9.89	0.00	25140	133.0	92.8	67.9	127.9
+ EIC (131.0) Scan 08MAR12.D			131.0, 133.0			+ Scan (9.855-9.944 min, 33 scans) 08MAR12.D		
Ethylbenzene	23.0683	9.92	0.00	110892	106.0	32.2	1.2	61.2
+ EIC (91.0) Scan 08MAR12.D			91.0, 106.0			+ Scan (9.883-9.967 min, 31 scans) 08MAR12.D		
m+p-Xylenes	44.8929	10.04	0.00	85101	91.0	202.7	173.1	233.1
+ EIC (106.0) Scan 08MAR12.D			106.0, 91.0			+ Scan (10.000-10.084 min, 31 scans) 08MAR12.D		

# Quantitation Results Report (QT Reviewed)

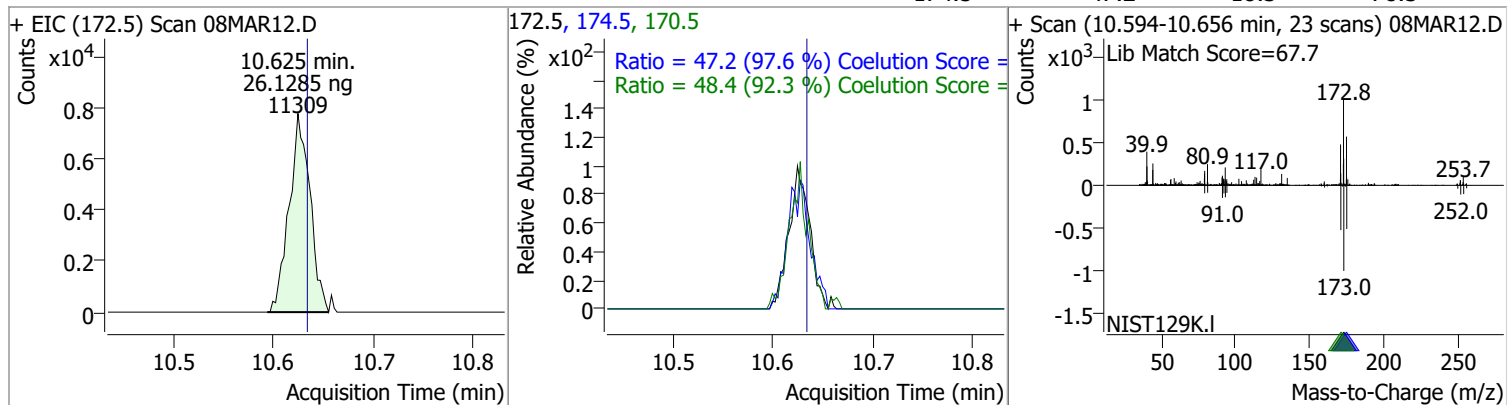
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	23.9314	10.43	0.00	39176	91.0	203.5	185.1	245.1



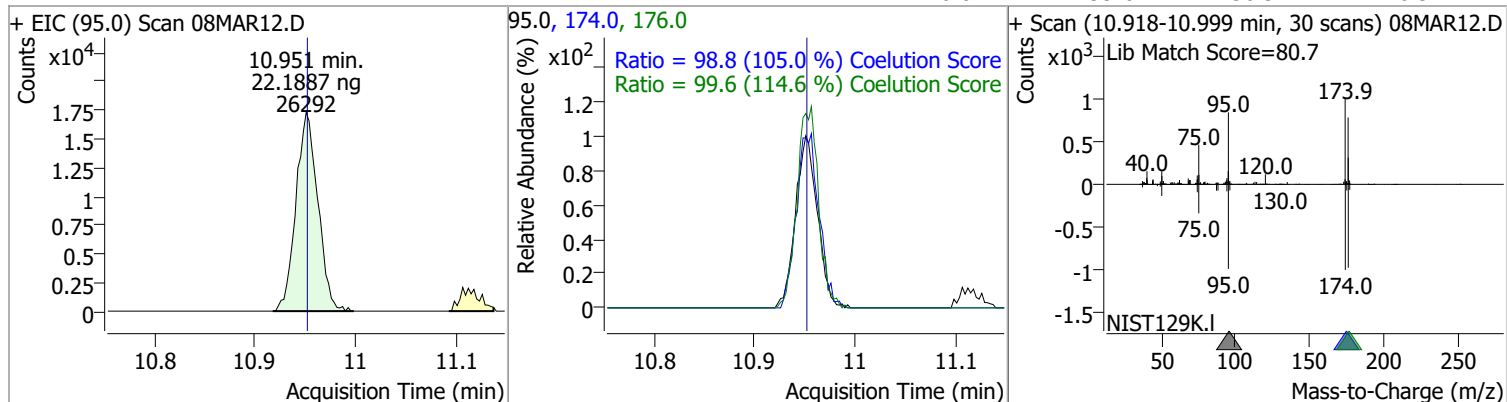
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	21.6859	10.45	0.00	58603	78.0	50.0	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	26.1285	10.62	-0.01	11309	170.5	48.4	22.5	82.5
					174.5	47.2	18.3	78.3



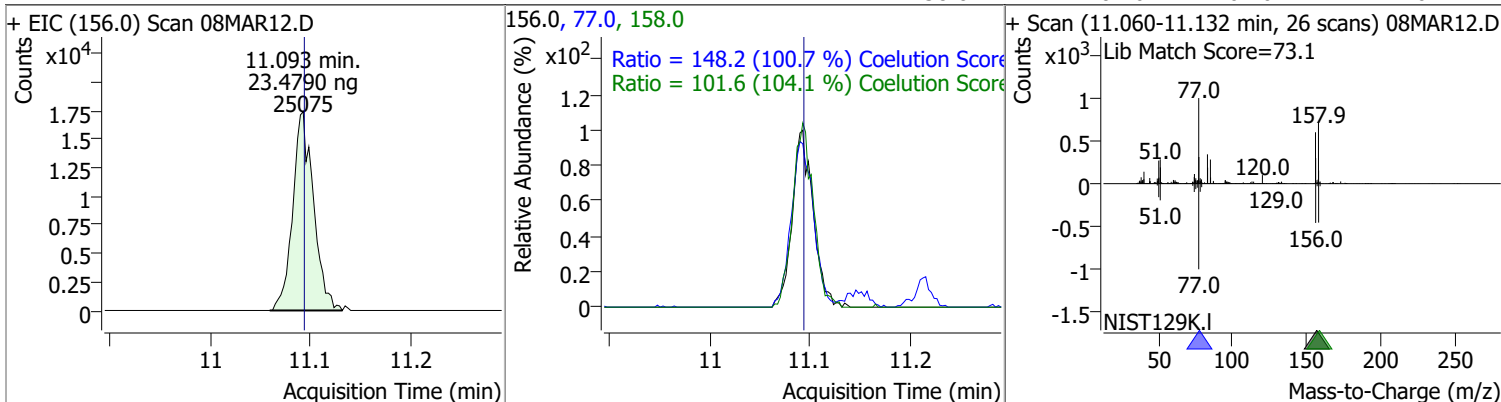
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	22.1887	10.95	0.00	26292	174.0	98.8	64.2	124.2
					176.0	99.6	56.9	116.9



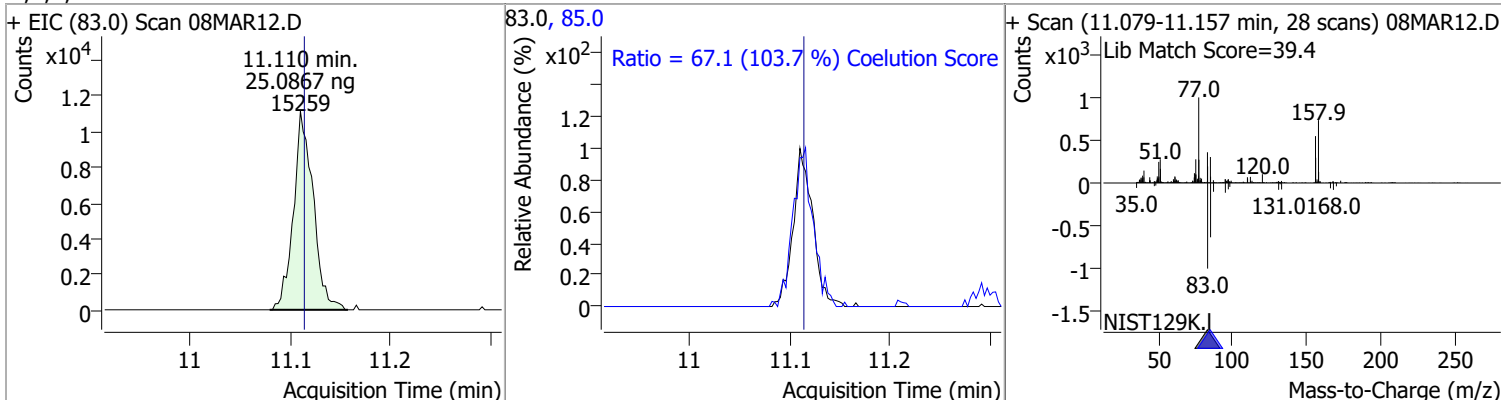


# Quantitation Results Report (QT Reviewed)

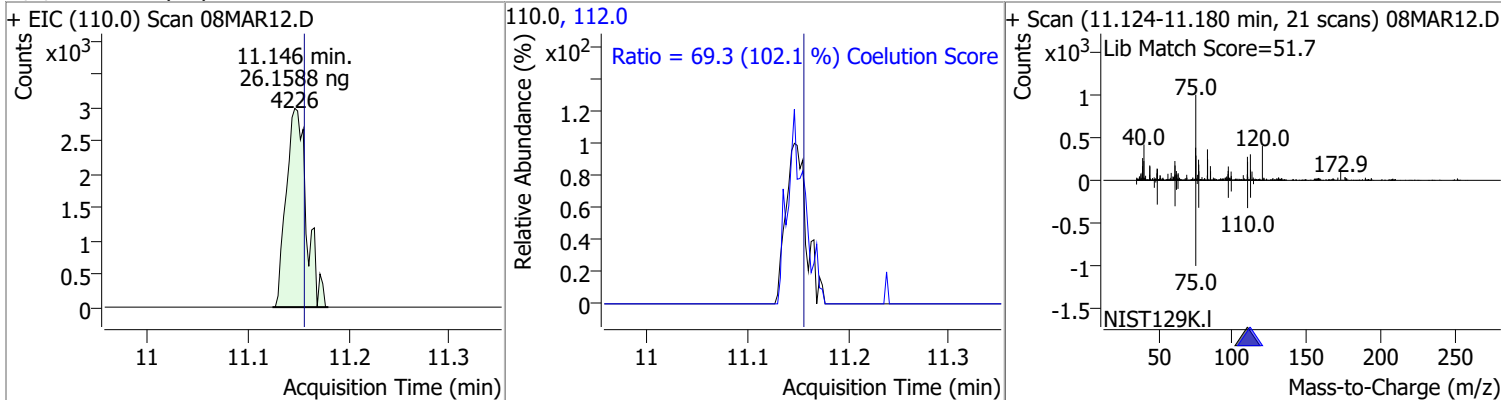
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	23.4790	11.09	0.00	25075	77.0	148.2	117.1	177.1
					158.0	101.6	67.6	127.6



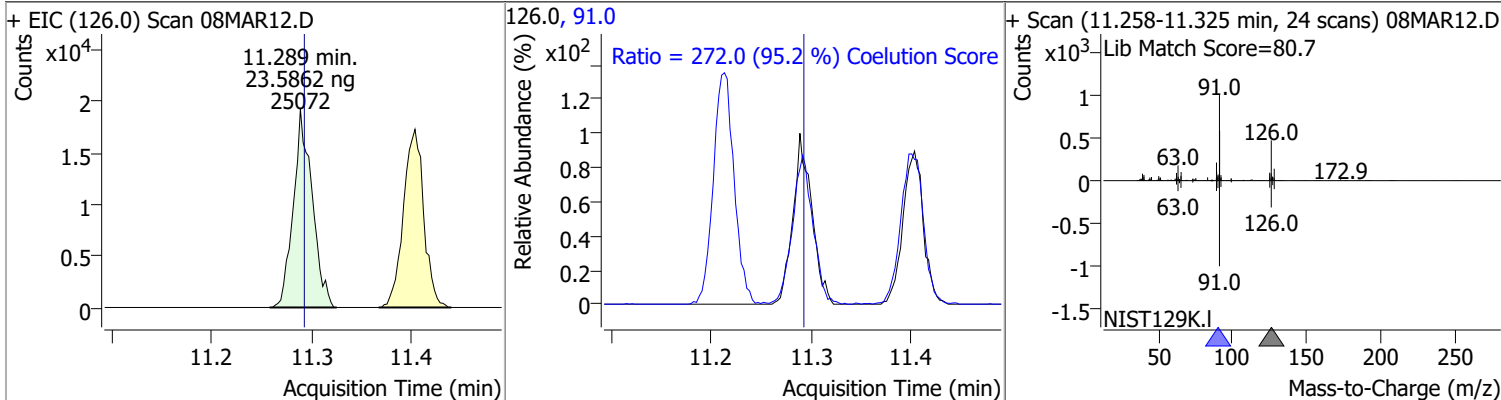
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	25.0867	11.11	0.00	15259	85.0	67.1	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	26.1588	11.15	-0.01	4226	112.0	69.3	37.9	97.9

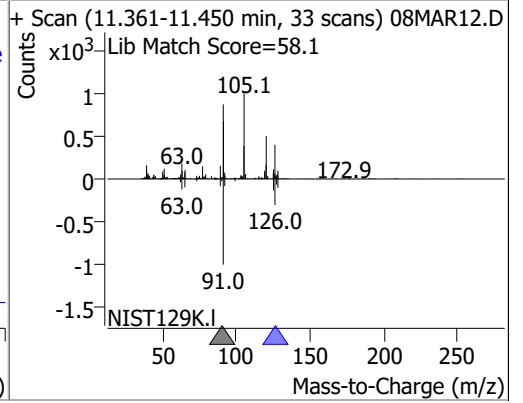
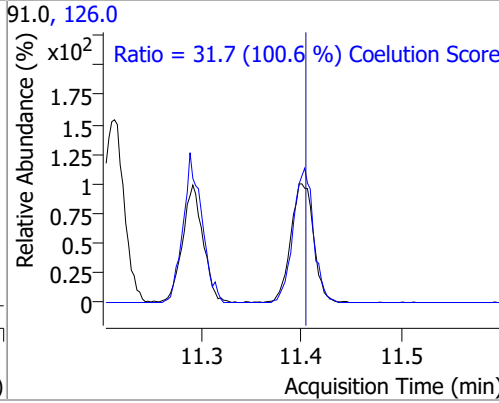
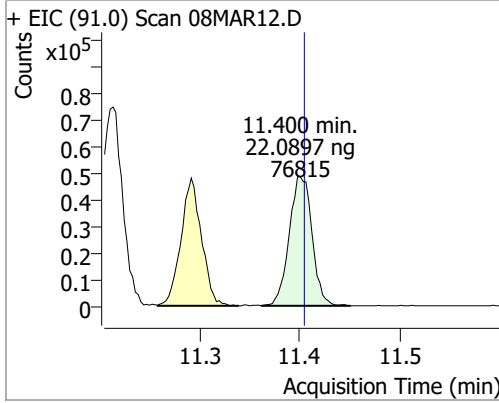


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	23.5862	11.29	0.00	25072	91.0	272.0	255.6	315.6

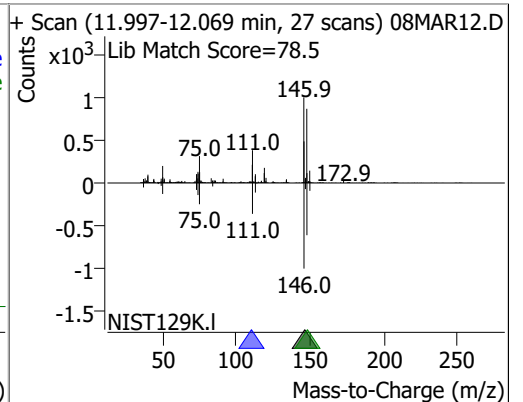
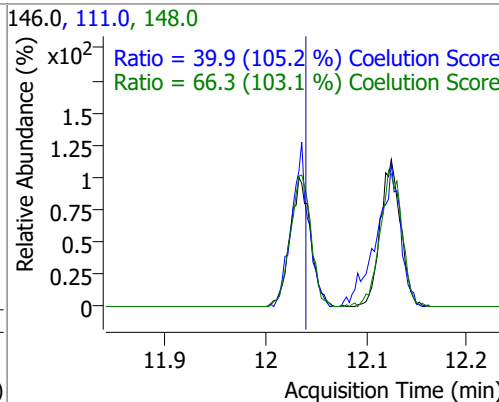
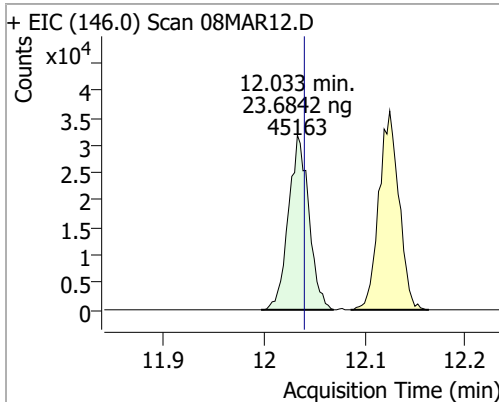


# Quantitation Results Report (QT Reviewed)

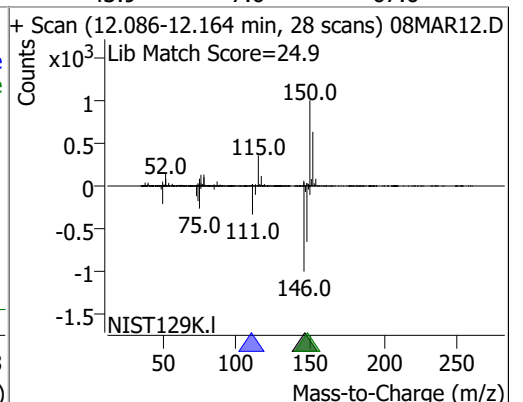
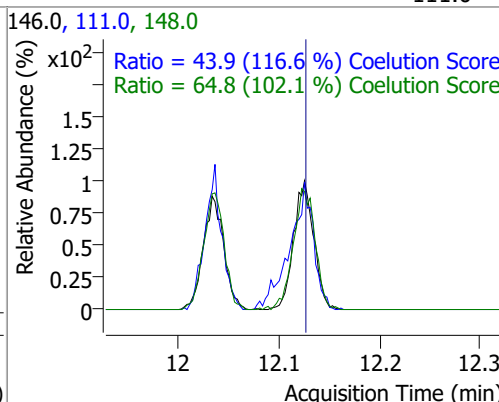
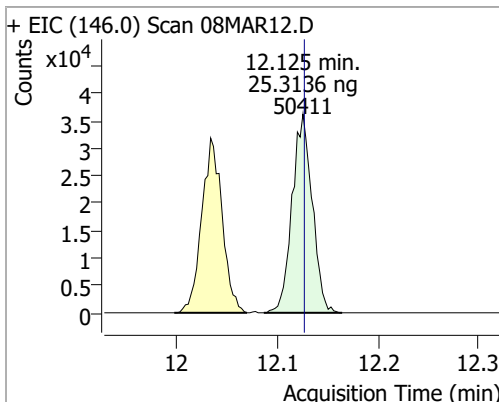
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	22.0897	11.40	0.00	76815	126.0	31.7	1.5	61.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	23.6842	12.03	0.00	45163	148.0	66.3	34.3	94.3
					111.0	39.9	7.9	67.9

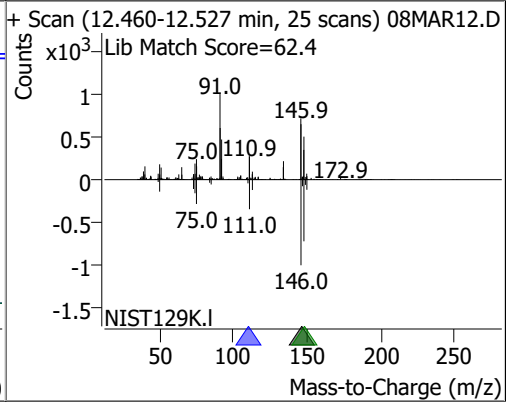
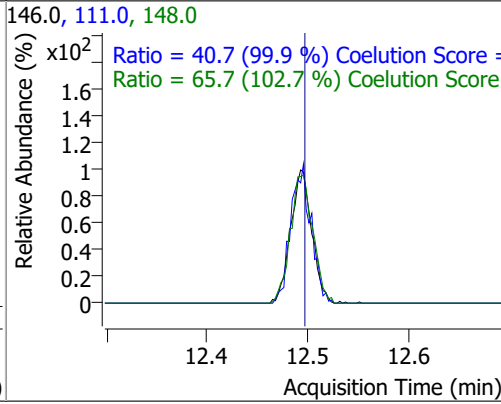
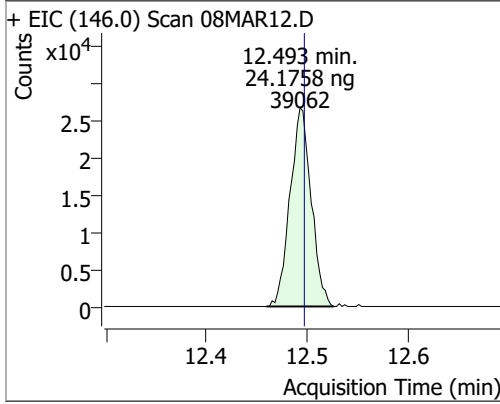


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	25.3136	12.13	0.00	50411	148.0	64.8	33.5	93.5
					111.0	43.9	7.6	67.6



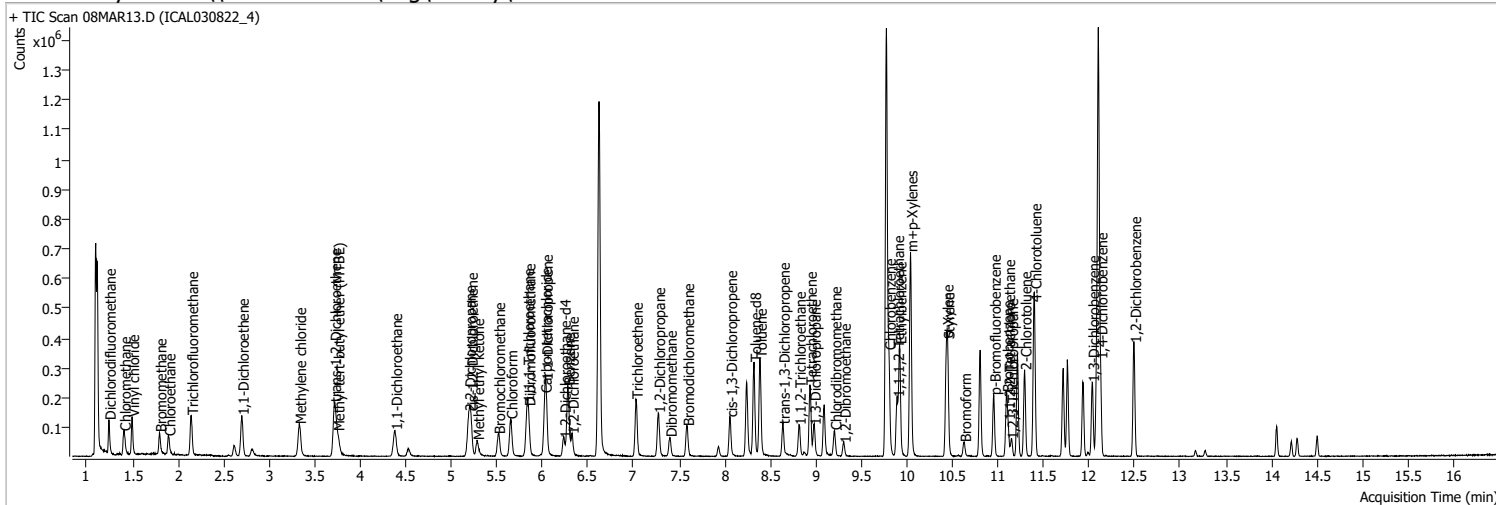
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	24.1758	12.49	0.00	39062	148.0	65.7	33.9	93.9
					111.0	40.7	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File	08MAR13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/8/2022 4:12:46 PM
Sample Name	ICAL030822_4	Instrument	VOA5975C
Vial	13	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG030822_8260B.batch.bin	Last Calib Update	3/9/2022 9:53:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	1022931	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	391196	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	332159	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	49060	47.2011	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 18.88%	*	
S 1,2-Dichloroethane-d4	6.236	67.0	21526	46.3978	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 18.56%	*	
S Toluene-d8	8.321	98.0	182860	46.4042	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 18.56%	*	
S p-Bromofluorobenzene	10.954	95.0	57556	46.9931	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 18.80%	*	
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	73238	49.5796	ng	98
T Chloromethane	1.406	50.0	84351	49.2624	ng	99
T Vinyl chloride	1.495	62.0	73808	47.7172	ng	96
T Bromomethane	1.796	96.0	32963	47.9564	ng	98
T Chloroethane	1.894	64.0	41319	50.5069	ng	96
T Trichlorofluoromethane	2.145	101.0	96299	49.3482	ng	97
T 1,1-Dichloroethene	2.700	96.0	46171	44.4867	ng	98
T Methylene chloride	3.330	49.0	79875	50.6831	ng	99
T trans-1,2-Dichloroethene	3.715	96.0	50206	46.4667	ng	98
T Methyl tert-butyl ether (MTBE)	3.751	73.0	62796	46.6468	ng	100
T 1,1-Dichloroethane	4.381	63.0	98030	47.3687	ng	98
T 2,2-Dichloropropane	5.190	77.0	78015	48.9129	ng	99
T cis-1,2-Dichloroethene	5.212	96.0	50928	46.6095	ng	98
T Methyl ethyl ketone	5.282	43.0	66425	462.5197	ng	98
T Bromochloromethane	5.513	128.0	21002	48.2100	ng	96
T Chloroform	5.650	83.0	95698	47.1893	ng	100

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	92678	47.1326	ng	97
T Carbon tetrachloride	6.024	117.0	89705	46.2145	ng	95
T 1,1-Dichloropropene	6.038	75.0	70675	44.2957	ng	99
T Benzene	6.277	78.0	191010	45.9208	ng	97
T 1,2-Dichloroethane	6.322	62.0	54297	48.3058	ng	98
T Trichloroethene	7.025	95.0	55125	45.0403	ng	93
T 1,2-Dichloropropane	7.270	63.0	51440	48.2398	ng	98
T Dibromomethane	7.398	93.0	22813	50.5294	ng	94
T Bromodichloromethane	7.588	83.0	61123	48.4765	ng	98
T cis-1,3-Dichloropropene	8.059	75.0	64001	46.5914	ng	99
T Toluene	8.386	92.0	124252	48.1396	ng	95
T trans-1,3-Dichloropropene	8.637	75.0	48475	47.9621	ng	97
T 1,1,2-Trichloroethane	8.815	83.0	26761	52.6233	ng	98
T Tetrachloroethene	8.935	163.8	52218	47.7713	ng	99
T 1,3-Dichloropropane	8.977	76.0	49702	47.7795	ng	98
T Chlorodibromomethane	9.205	129.0	40345	49.0736	ng	100
T 1,2-Dibromoethane	9.309	107.0	27905	49.0229	ng	99
T Chlorobenzene	9.802	112.0	139438	48.4724	ng	100
T 1,1,1,2-Tetrachloroethane	9.891	131.0	47388	47.0599	ng	100
T Ethylbenzene	9.919	91.0	223198	45.3494	ng	99
T m+p-Xylenes	10.039	106.0	177752	90.9482	ng	99
T o-Xylene	10.435	106.0	76653	45.6260	ng	98
T Styrene	10.446	104.0	126060	44.9962	ng	100
T Bromoform	10.628	172.5	21384	47.7985	ng	97
T Bromobenzene	11.093	156.0	53142	48.1406	ng	94
T 1,1,2,2-Tetrachloroethane	11.110	83.0	31340	49.8484	ng	98
T 1,2,3-Trichloropropane	11.144	110.0	8436	50.5196	ng	90
T 2-Chlorotoluene	11.291	126.0	49068	44.6582	ng	98
T 4-Chlorotoluene	11.400	91.0	168947	47.0035	ng	98
T 1,3-Dichlorobenzene	12.033	146.0	94907	48.1514	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	98667	47.9331	ng	96
T 1,2-Dichlorobenzene	12.493	146.0	77848	46.6132	ng	98

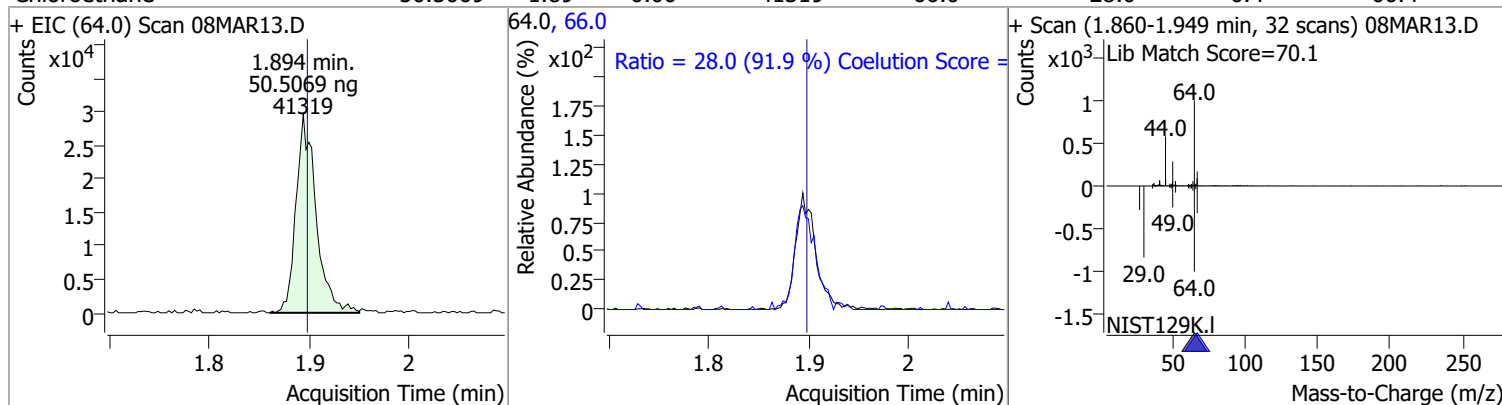
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

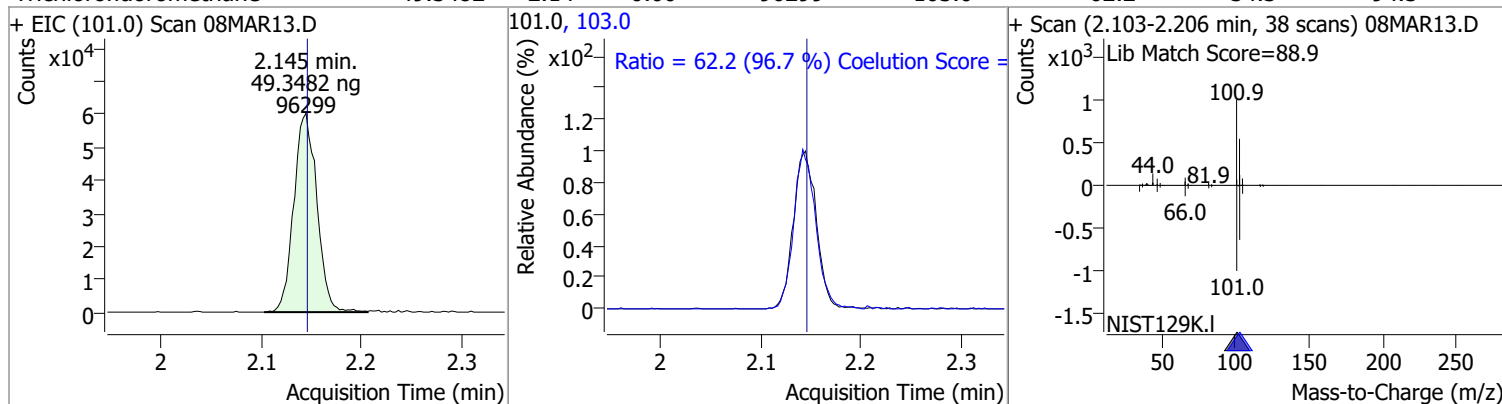
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	49.5796	1.24	0.00	73238	87.0	32.5	3.5	63.5
+ EIC (85.0) Scan 08MAR13.D			85.0, 87.0			+ Scan (1.216-1.311 min, 35 scans) 08MAR13.D		
Chloromethane	49.2624	1.41	0.00	84351	52.0	32.2	3.0	63.0
+ EIC (50.0) Scan 08MAR13.D			50.0, 52.0			+ Scan (1.372-1.473 min, 37 scans) 08MAR13.D		
Vinyl chloride	47.7172	1.49	0.00	73808	64.0	32.8	0.6	60.6
+ EIC (62.0) Scan 08MAR13.D			62.0, 64.0			+ Scan (1.467-1.565 min, 36 scans) 08MAR13.D		
Bromomethane	47.9564	1.80	-0.01	32963	94.0	107.2	74.8	134.8
+ EIC (96.0) Scan 08MAR13.D			96.0, 94.0			+ Scan (1.763-1.857 min, 35 scans) 08MAR13.D		

# Quantitation Results Report (QT Reviewed)

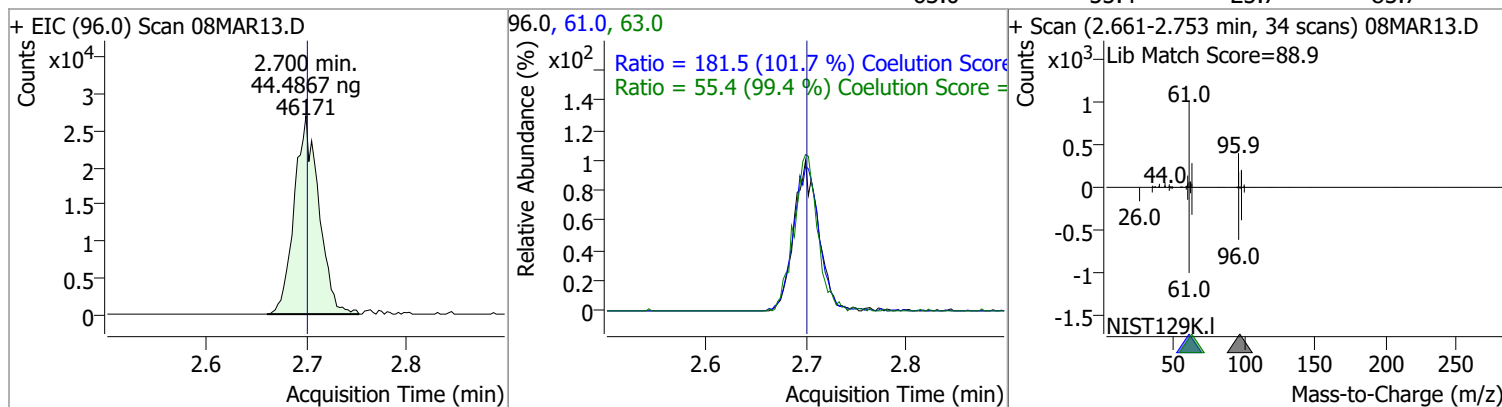
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	50.5069	1.89	0.00	41319	66.0	28.0	0.4	60.4



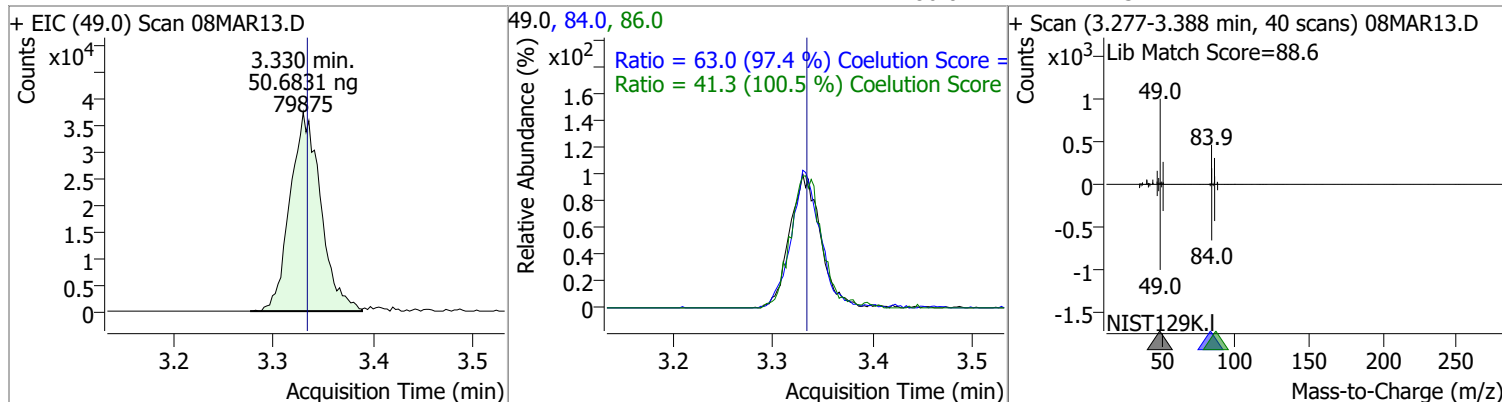
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	49.3482	2.14	0.00	96299	103.0	62.2	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	44.4867	2.70	0.00	46171	61.0	181.5	148.4	208.4
					63.0	55.4	25.7	85.7

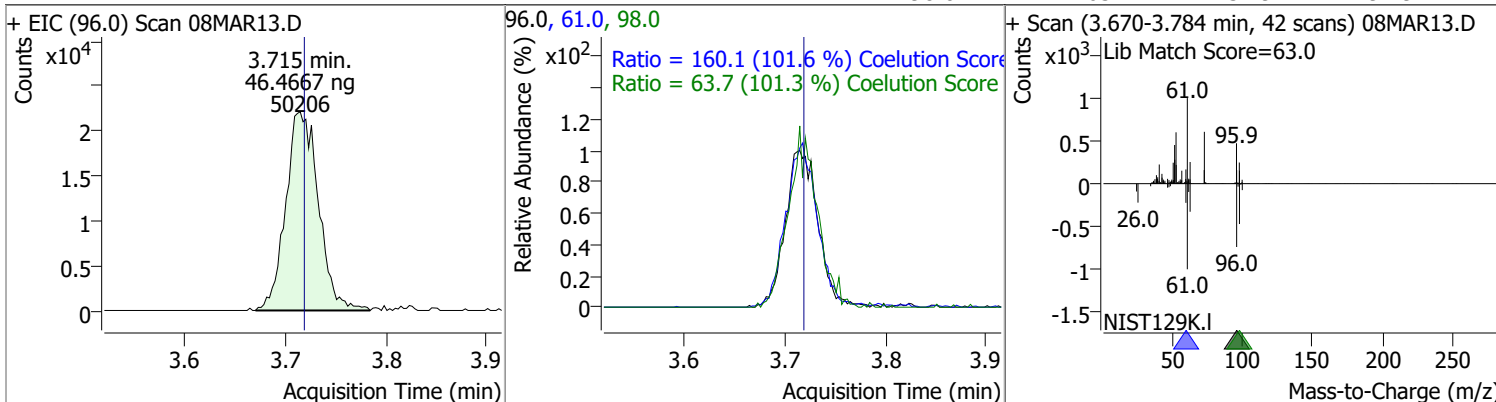


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	50.6831	3.33	0.00	79875	84.0	63.0	34.7	94.7
					86.0	41.3	11.1	71.1

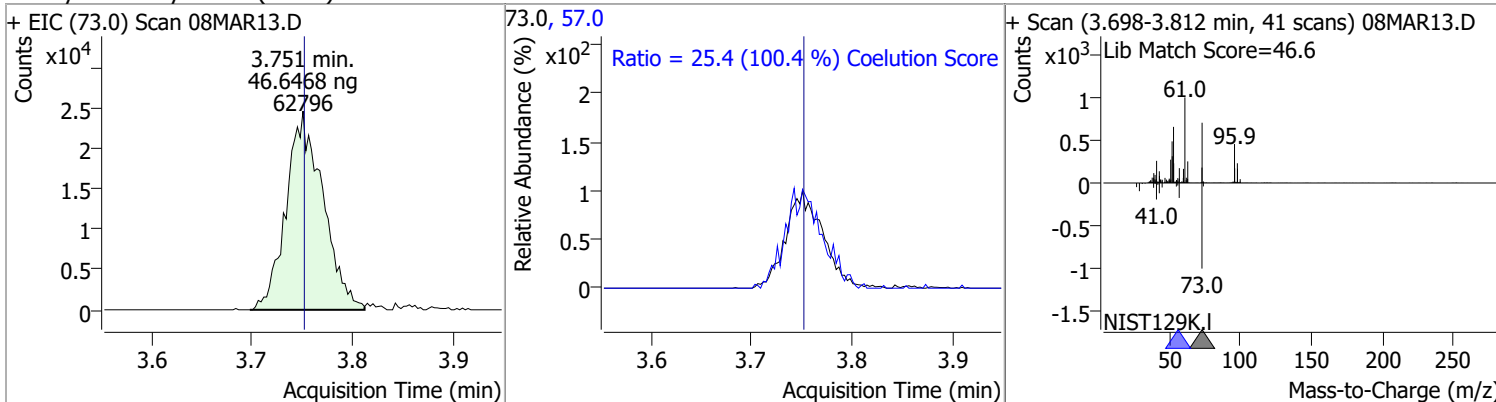


# Quantitation Results Report (QT Reviewed)

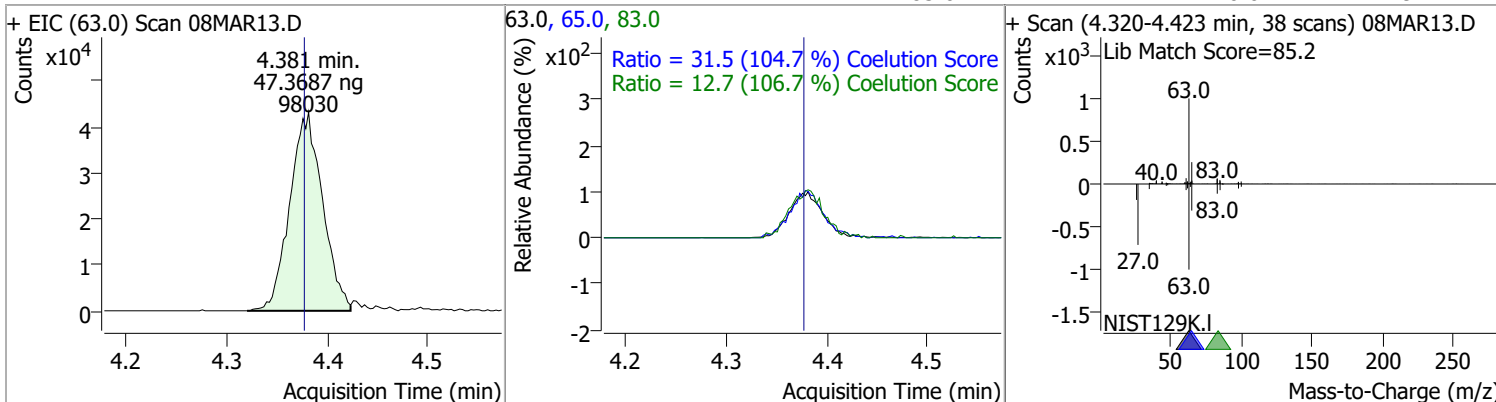
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	46.4667	3.71	0.00	50206	61.0	160.1	127.7	187.7
					98.0	63.7	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	46.6468	3.75	0.00	62796	57.0	25.4	0.0	55.3



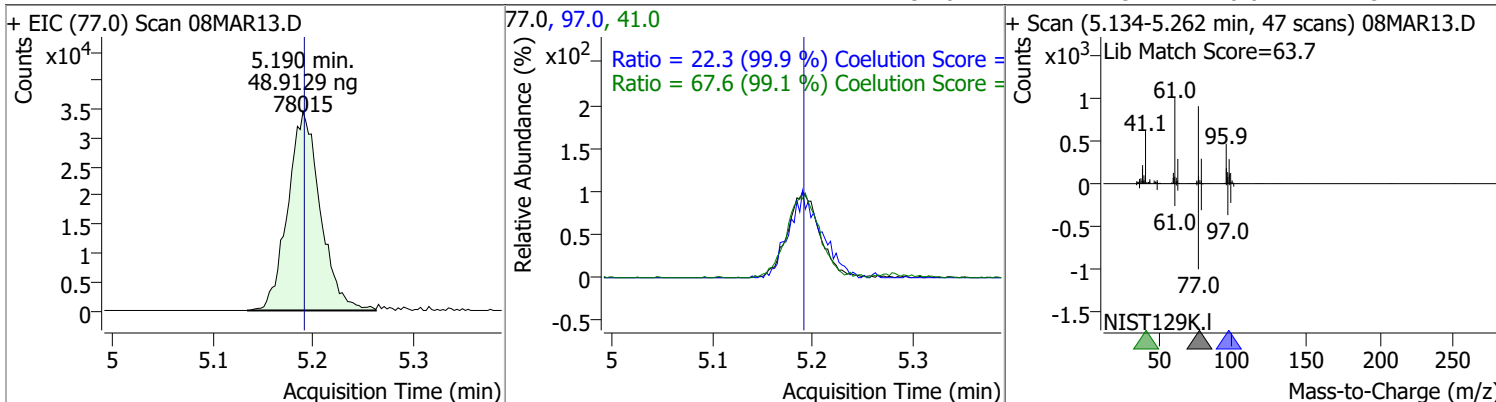
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	47.3687	4.38	0.01	98030	65.0	31.5	0.1	60.1
					83.0	12.7	0.0	41.9



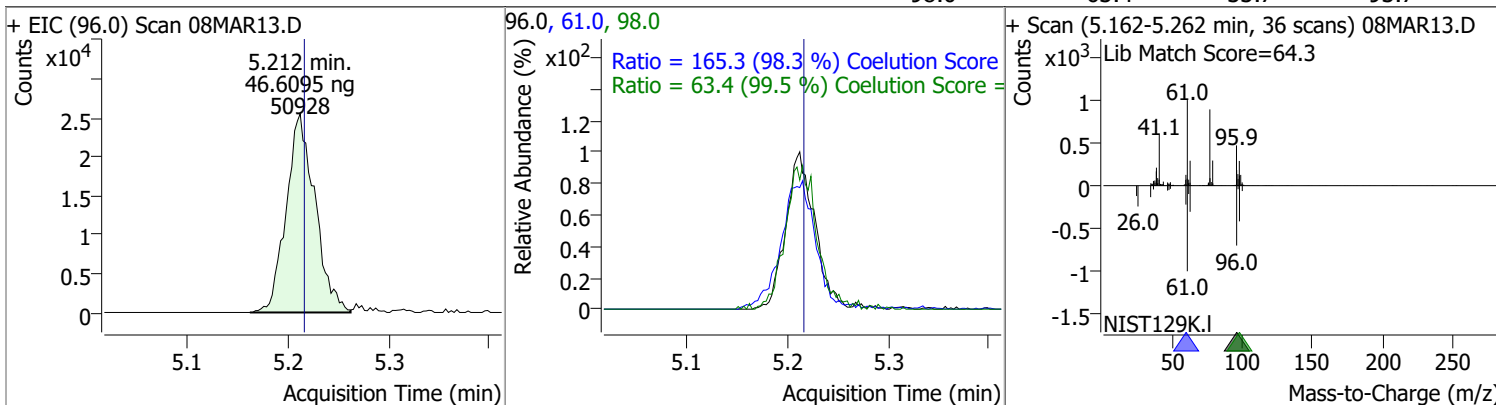


# Quantitation Results Report (QT Reviewed)

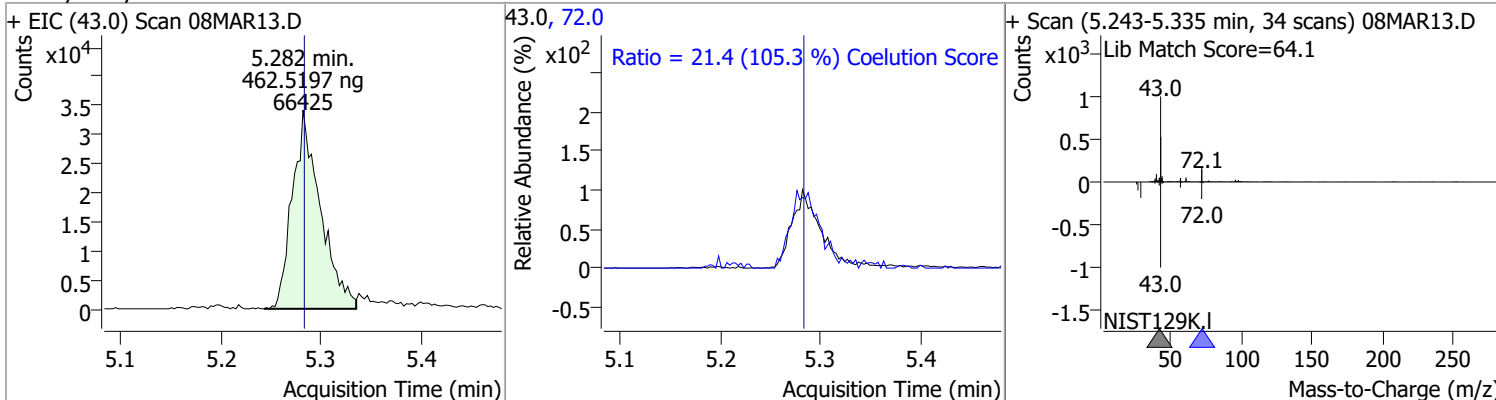
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	48.9129	5.19	0.00	78015	41.0	67.6	38.2	98.2
					97.0	22.3	0.0	52.4



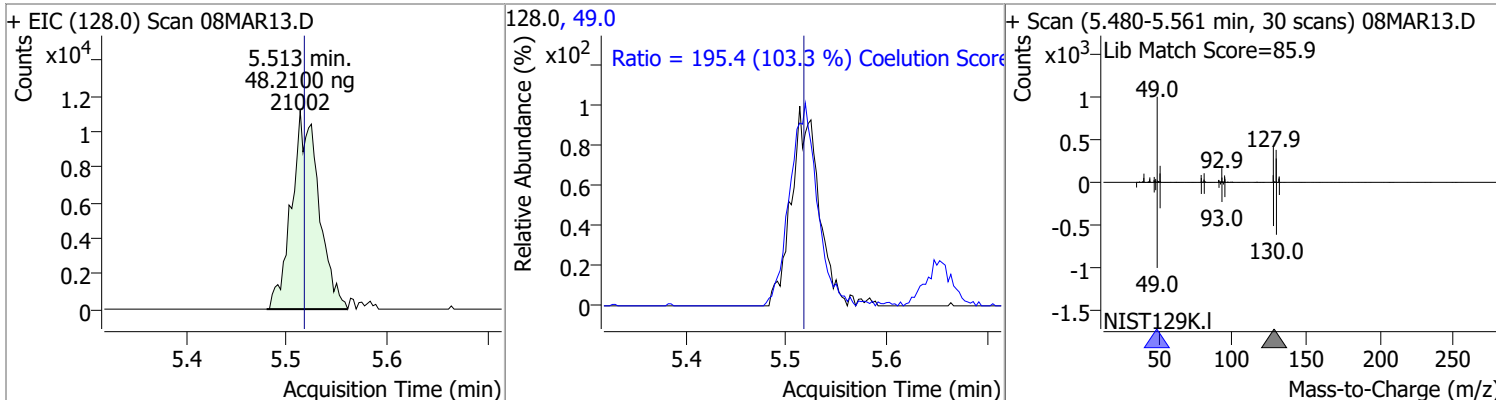
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	46.6095	5.21	0.00	50928	61.0	165.3	138.1	198.1
					98.0	63.4	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	462.5197	5.28	0.00	66425	72.0	21.4	0.0	50.3

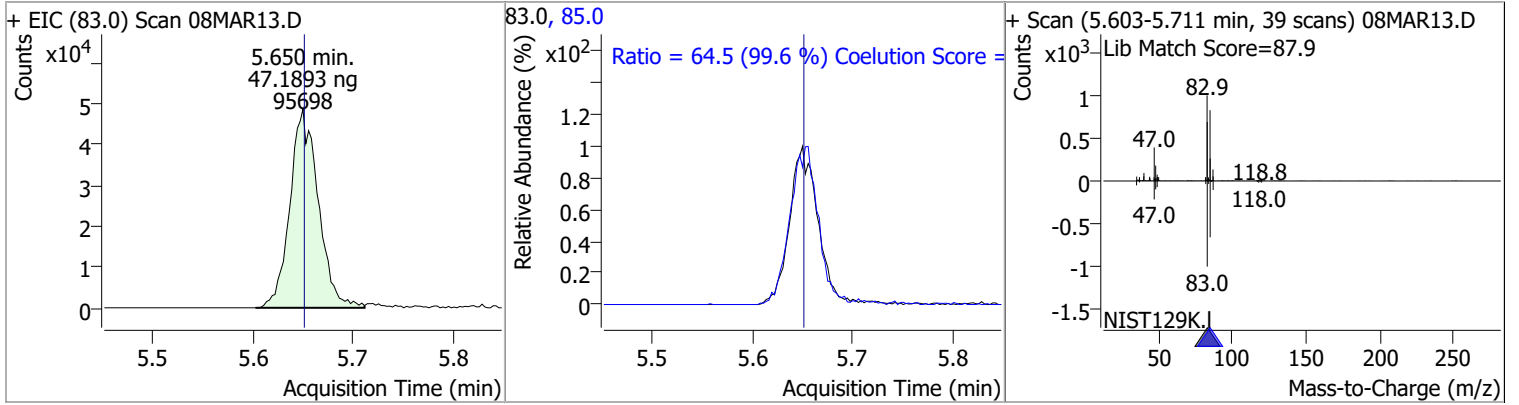


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	48.2100	5.51	0.00	21002	49.0	195.4	159.1	219.1

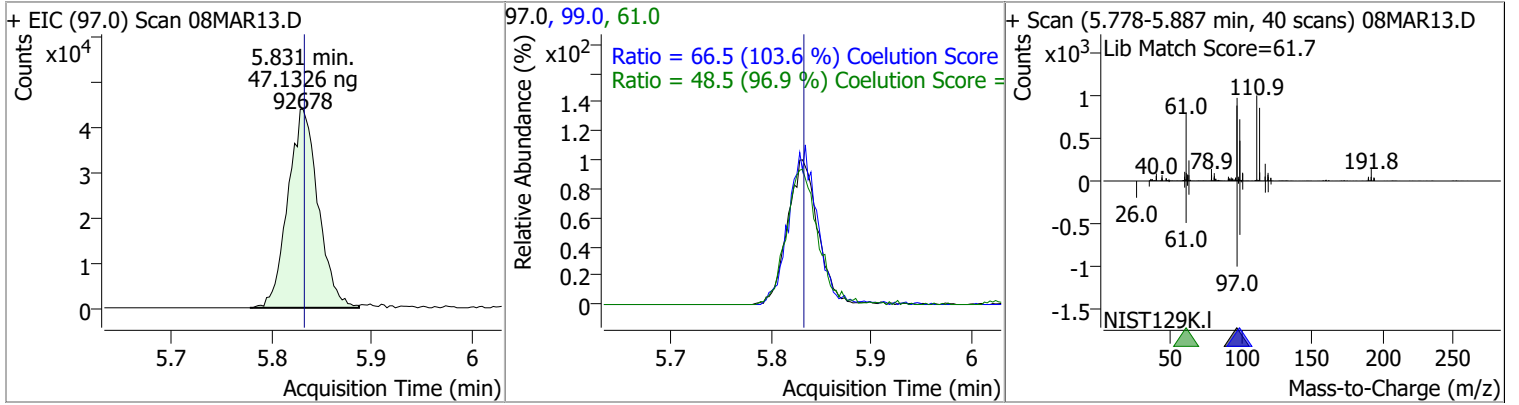


# Quantitation Results Report (QT Reviewed)

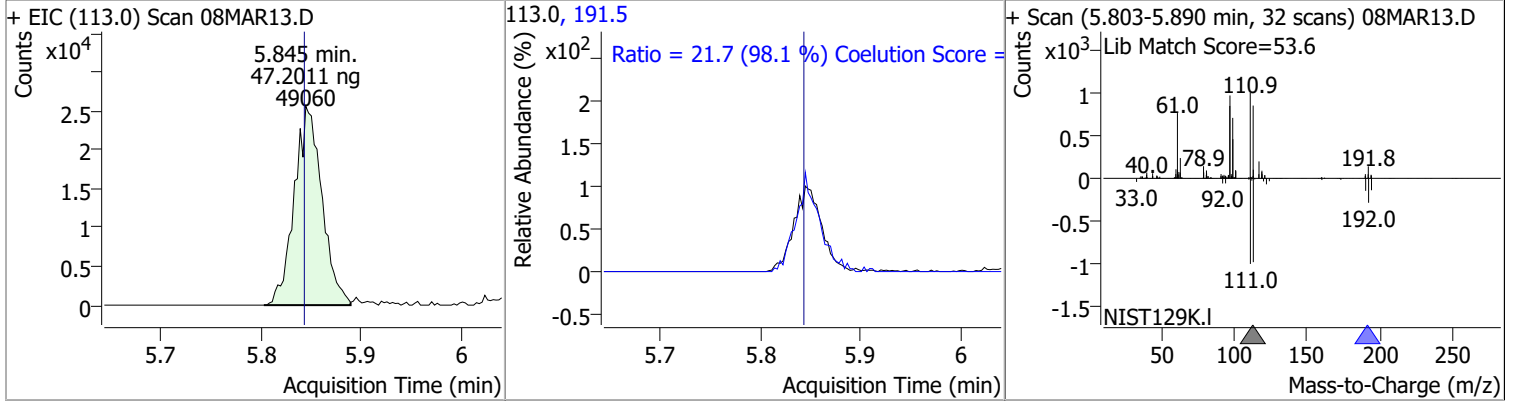
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	47.1893	5.65	0.00	95698	85.0	64.5	34.7	94.7



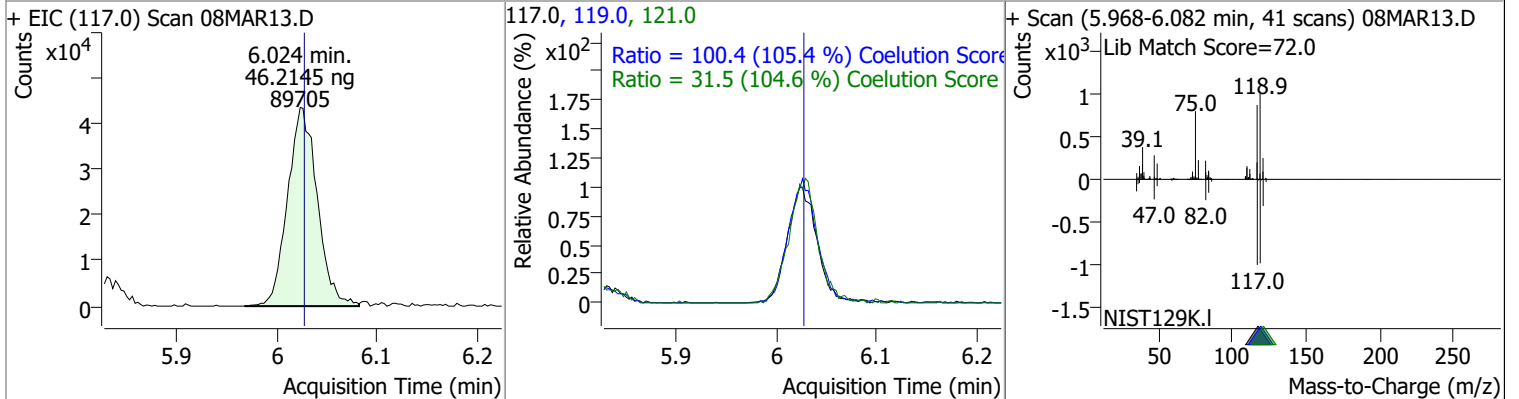
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	47.1326	5.83	0.00	92678	99.0	66.5	34.2	94.2
					61.0	48.5	20.0	80.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	47.2011	5.85	0.00	49060	191.5	21.7	0.0	52.2

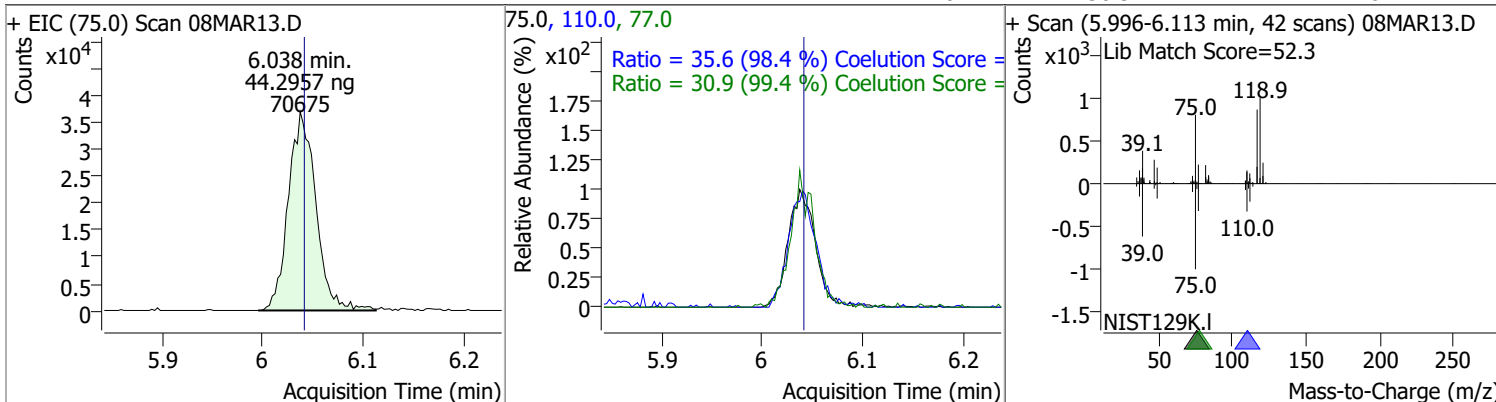


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	46.2145	6.02	0.00	89705	119.0	100.4	65.3	125.3
					121.0	31.5	0.1	60.1

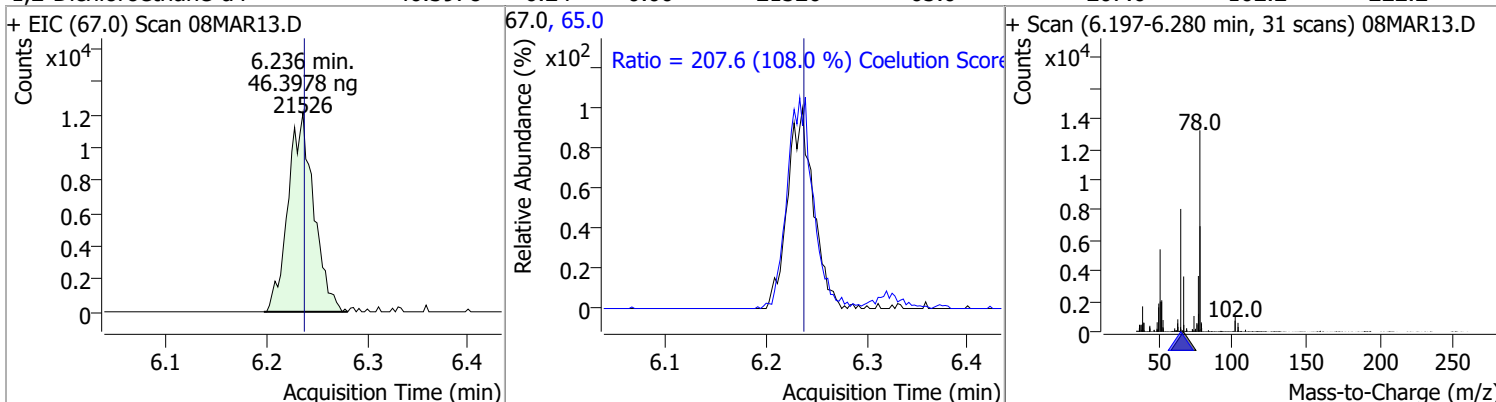


# Quantitation Results Report (QT Reviewed)

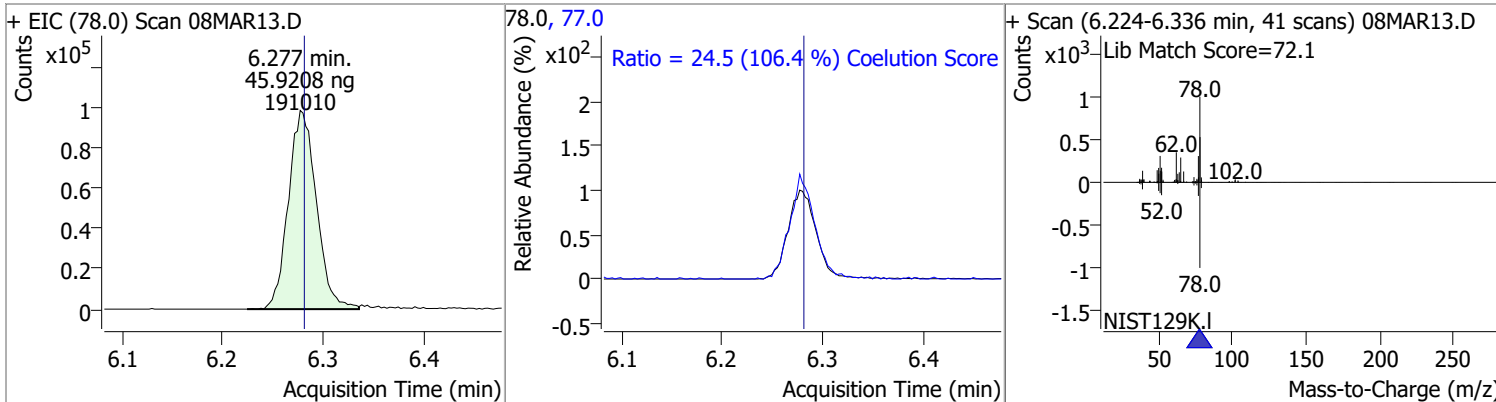
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	44.2957	6.04	0.00	70675	110.0	35.6	6.1	66.1
					77.0	30.9	1.1	61.1



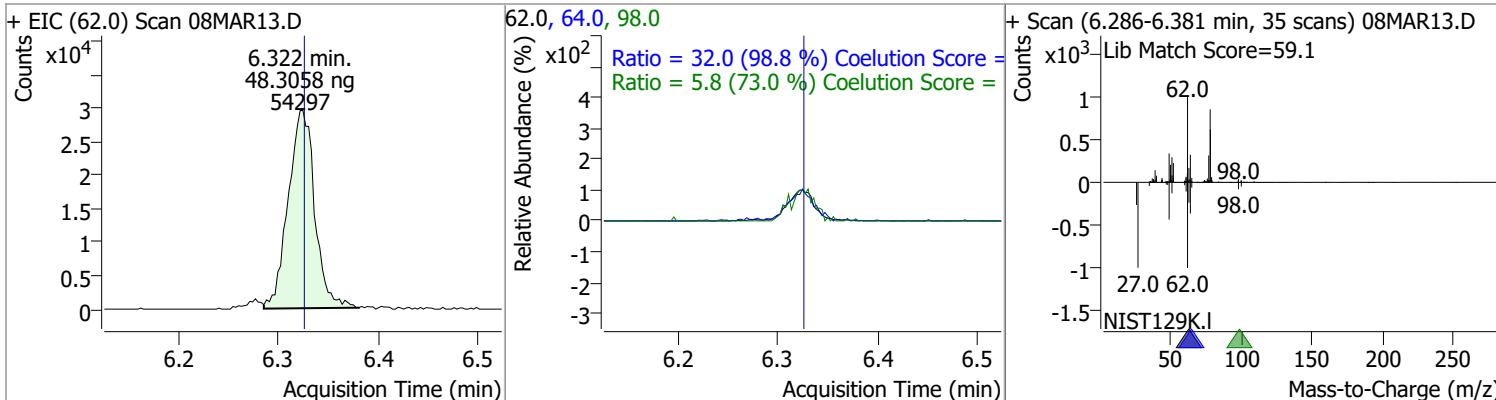
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	46.3978	6.24	0.00	21526	65.0	207.6	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	45.9208	6.28	0.00	191010	77.0	24.5	0.0	53.0

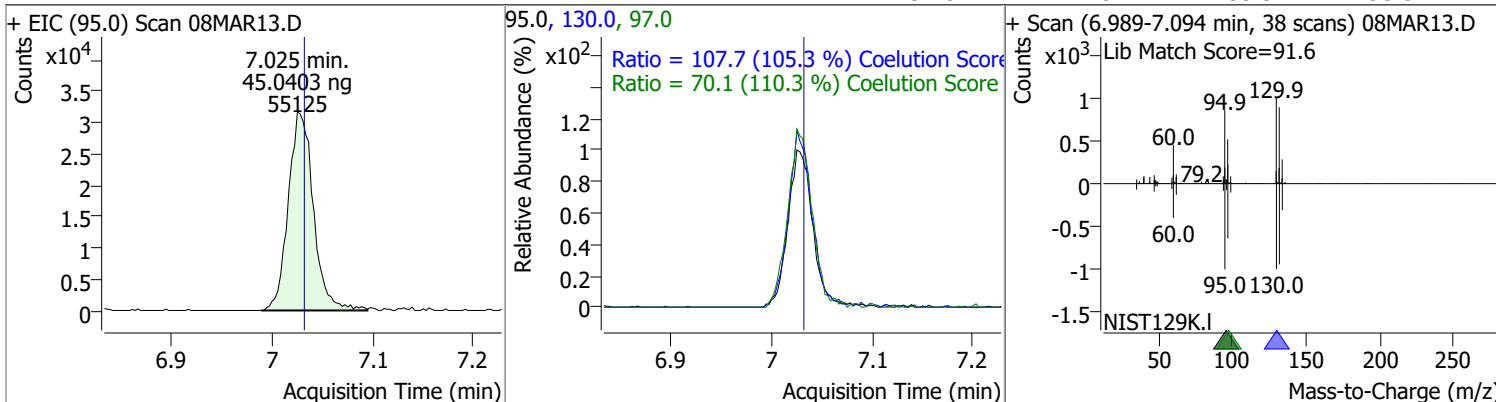


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	48.3058	6.32	0.00	54297	64.0	32.0	2.3	62.3
					98.0	5.8	0.0	38.0

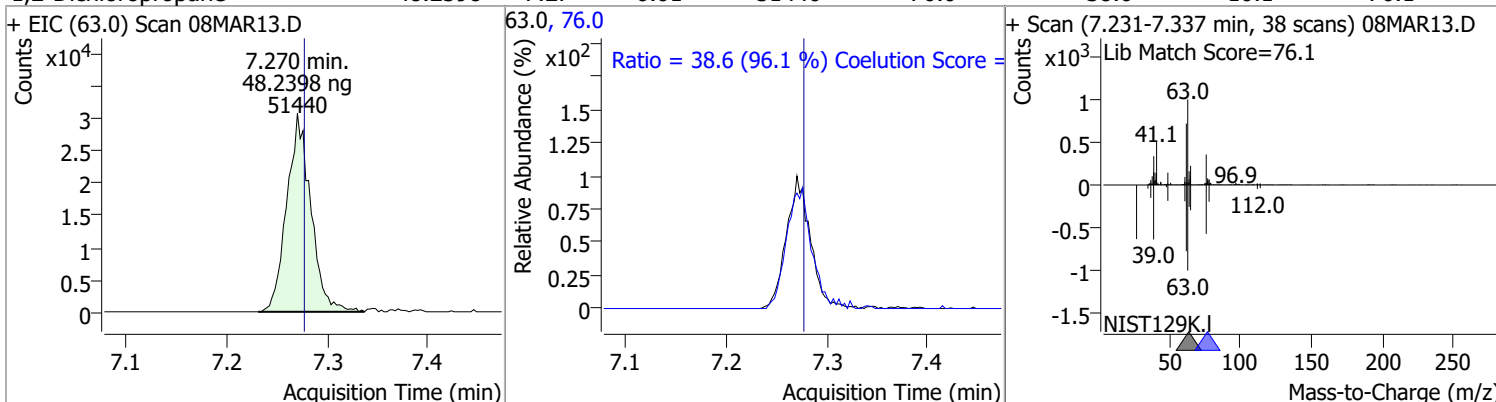


# Quantitation Results Report (QT Reviewed)

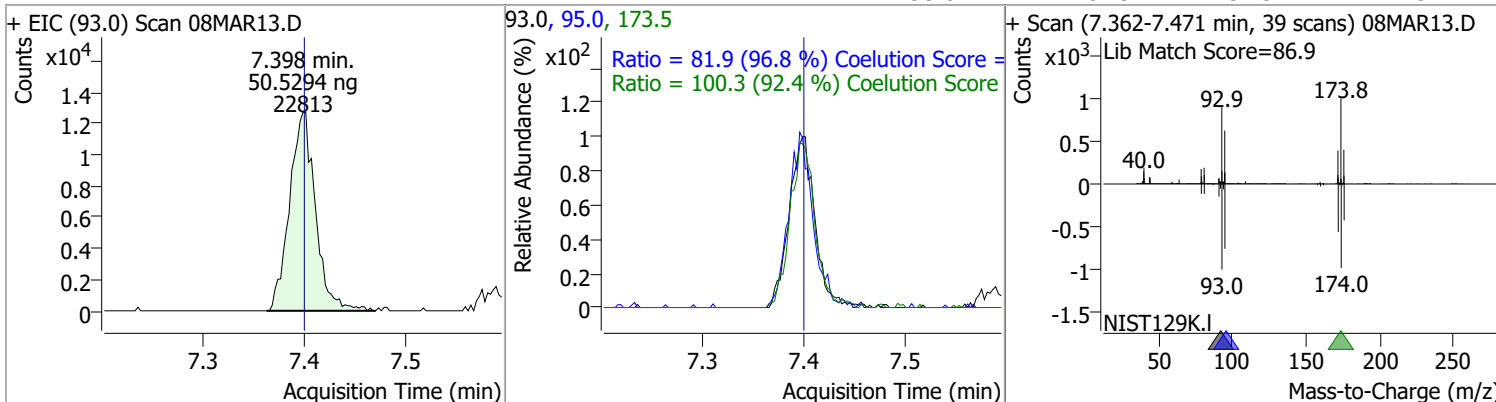
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	45.0403	7.02	-0.01	55125	130.0	107.7	72.3	132.3
					97.0	70.1	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	48.2398	7.27	-0.01	51440	76.0	38.6	10.1	70.1

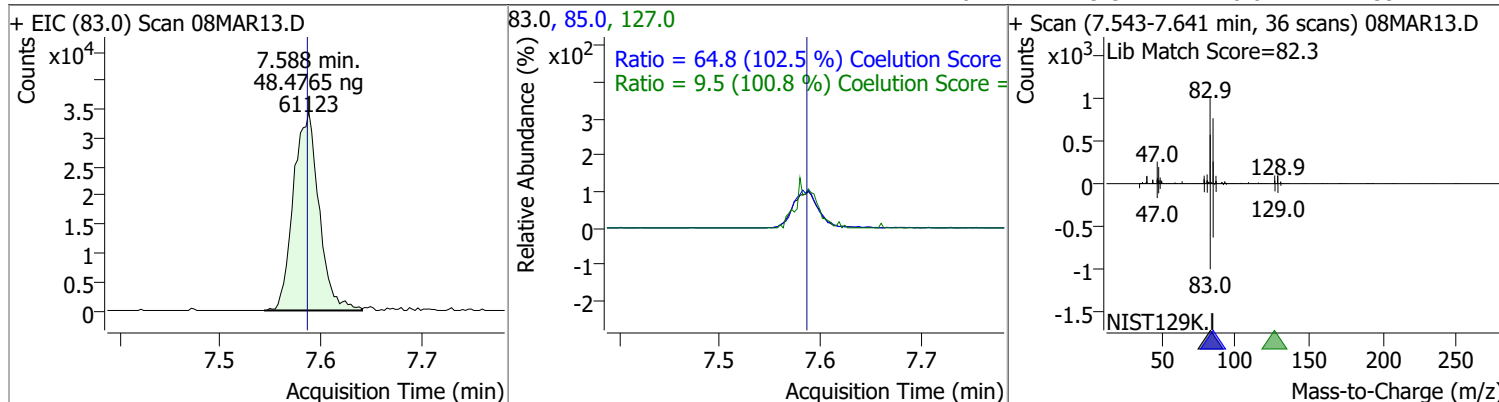


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	50.5294	7.40	0.00	22813	173.5	100.3	78.6	138.6
					95.0	81.9	54.5	114.5

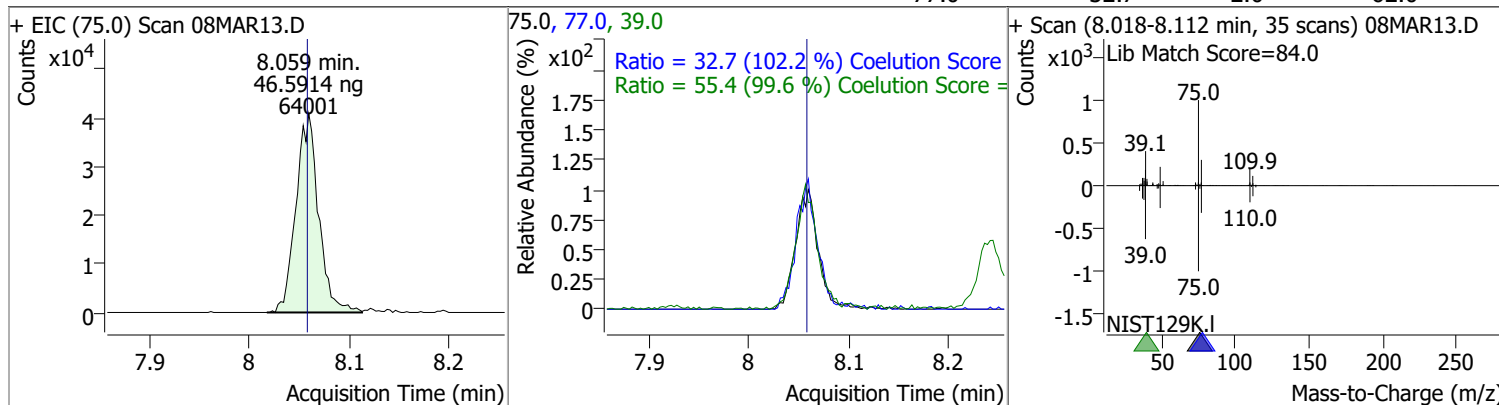


# Quantitation Results Report (QT Reviewed)

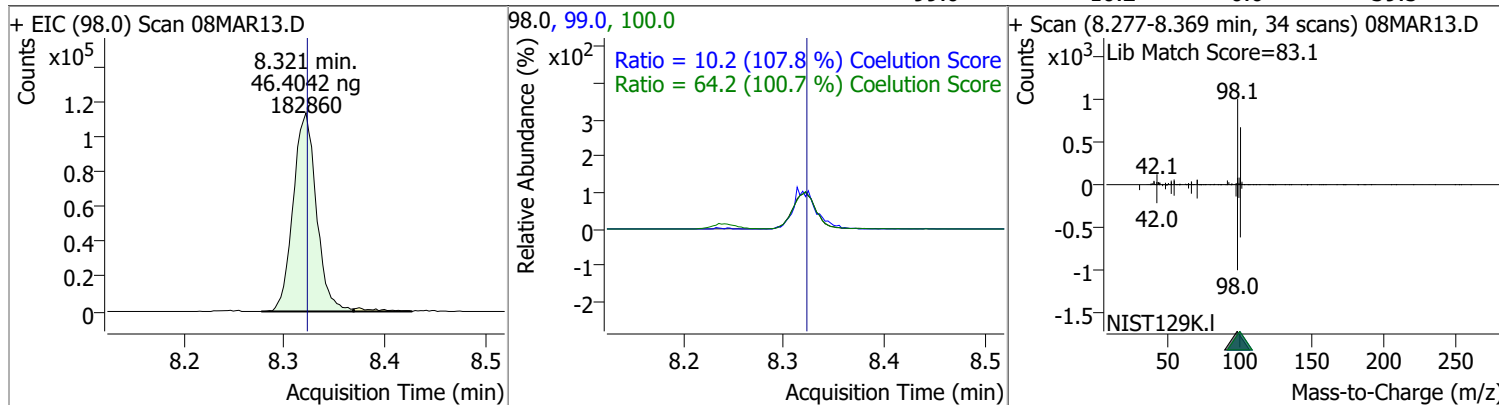
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	48.4765	7.59	0.00	61123	85.0	64.8	33.2	93.2
					127.0	9.5	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	46.5914	8.06	0.00	64001	39.0	55.4	25.6	85.6
					77.0	32.7	2.0	62.0

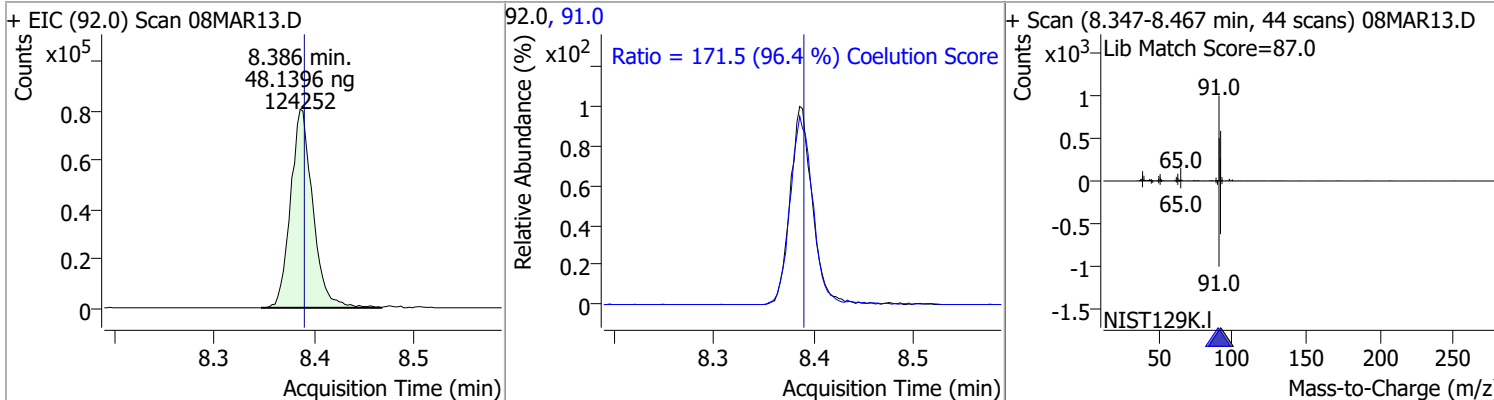


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	46.4042	8.32	0.00	182860	100.0	64.2	33.7	93.7
					99.0	10.2	0.0	39.5

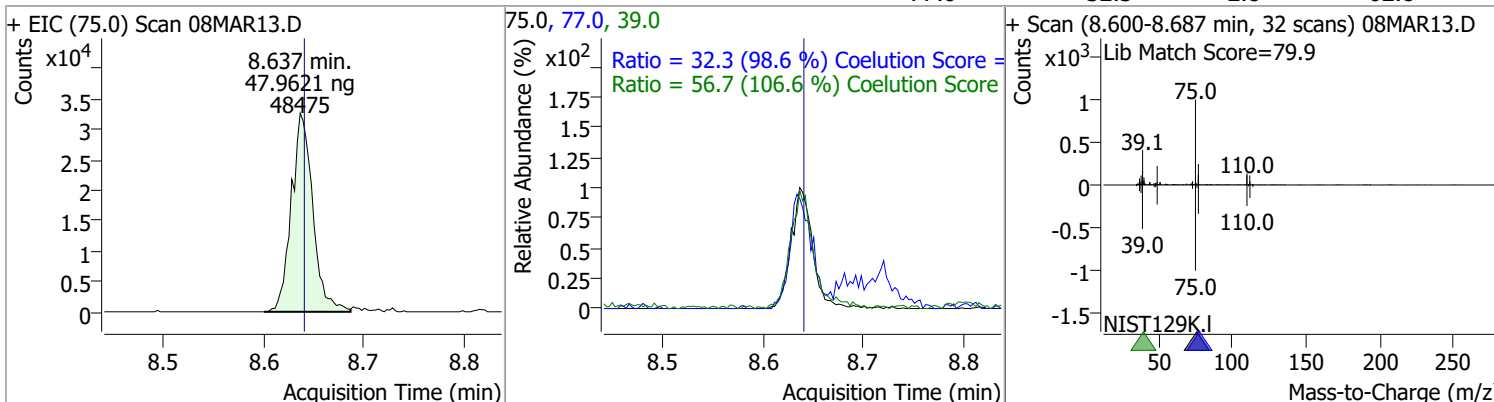


# Quantitation Results Report (QT Reviewed)

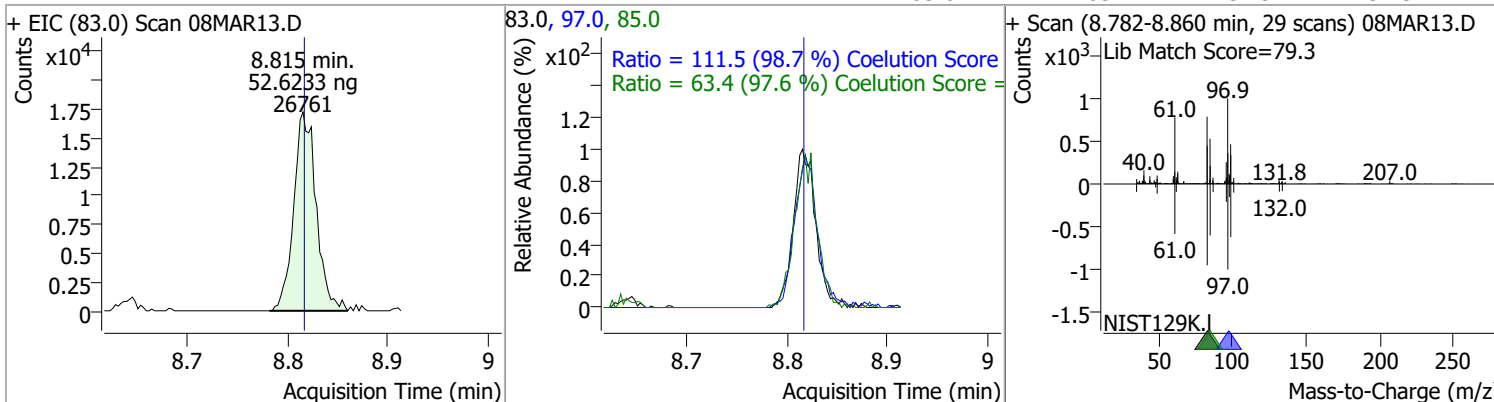
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	48.1396	8.39	0.00	124252	91.0	171.5	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	47.9621	8.64	0.00	48475	39.0	56.7	23.2	83.2
					77.0	32.3	2.8	62.8

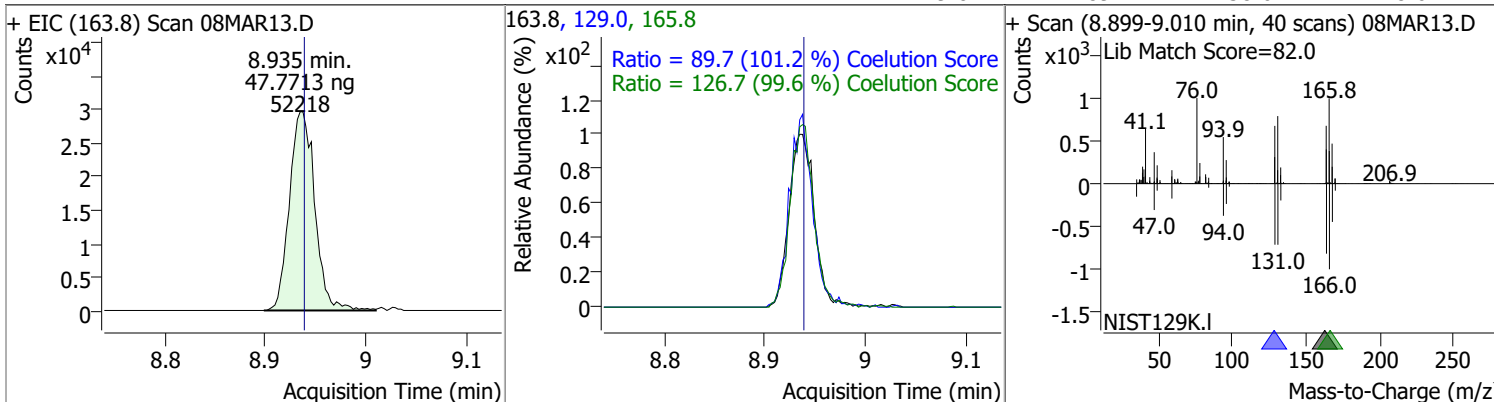


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	52.6233	8.82	0.00	26761	97.0	111.5	83.0	143.0
					85.0	63.4	34.9	94.9

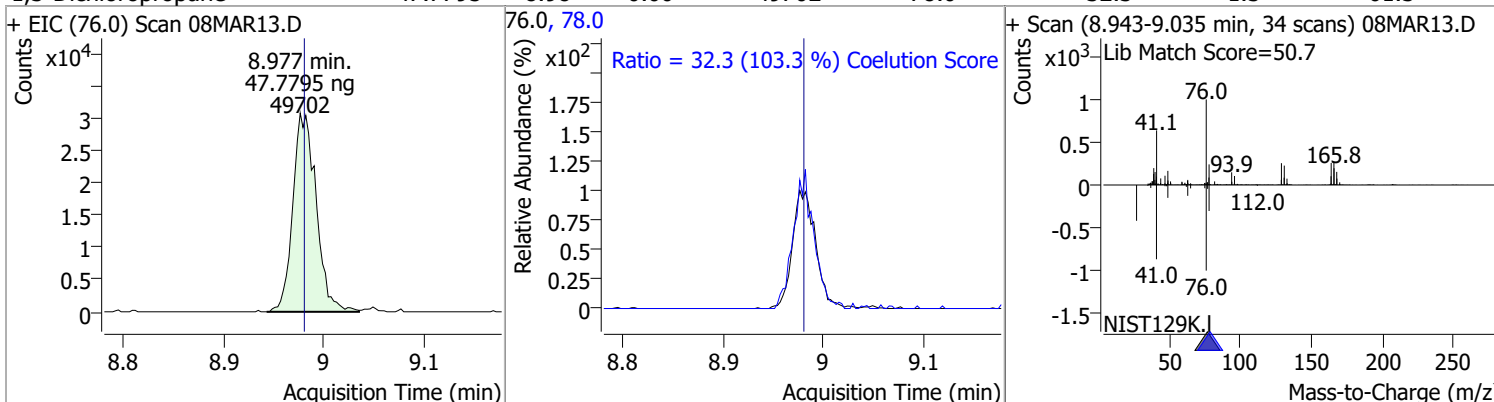


# Quantitation Results Report (QT Reviewed)

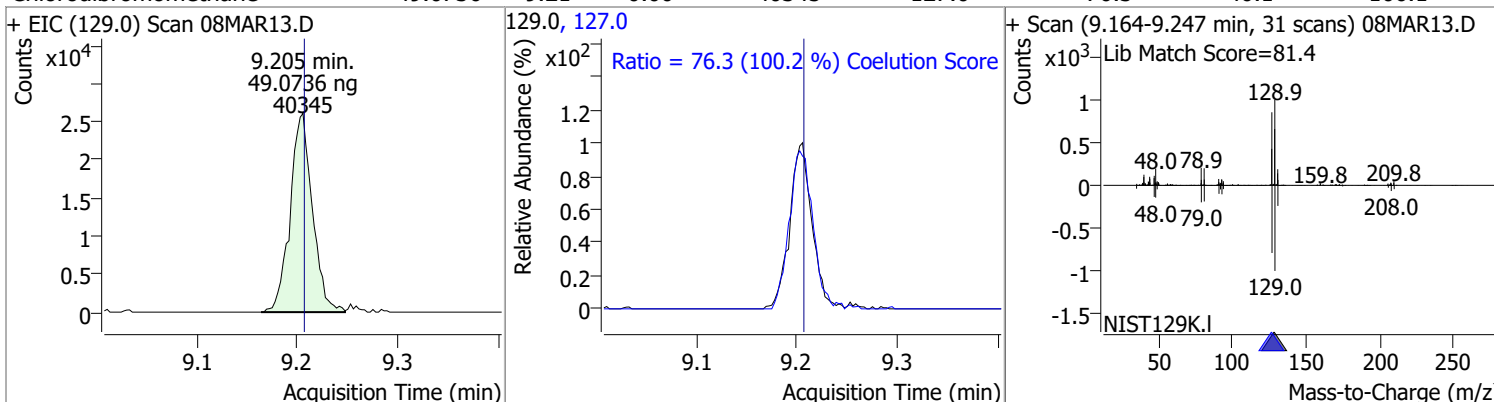
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	47.7713	8.93	0.00	52218	165.8	126.7	97.2	157.2
					129.0	89.7	58.6	118.6



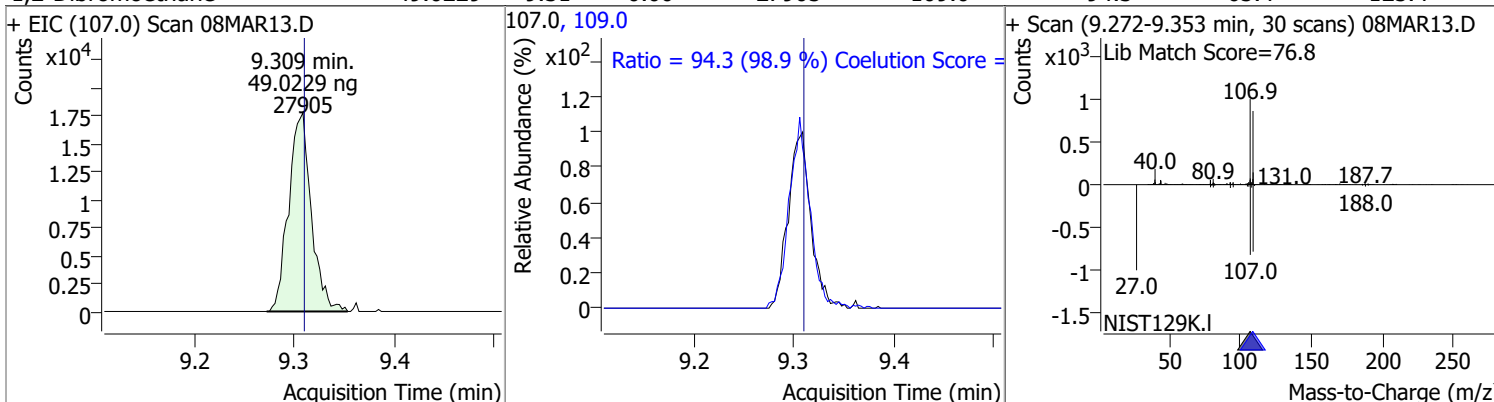
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	47.7795	8.98	0.00	49702	78.0	32.3	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	49.0736	9.21	0.00	40345	127.0	76.3	46.1	106.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	49.0229	9.31	0.00	27905	109.0	94.3	65.4	125.4



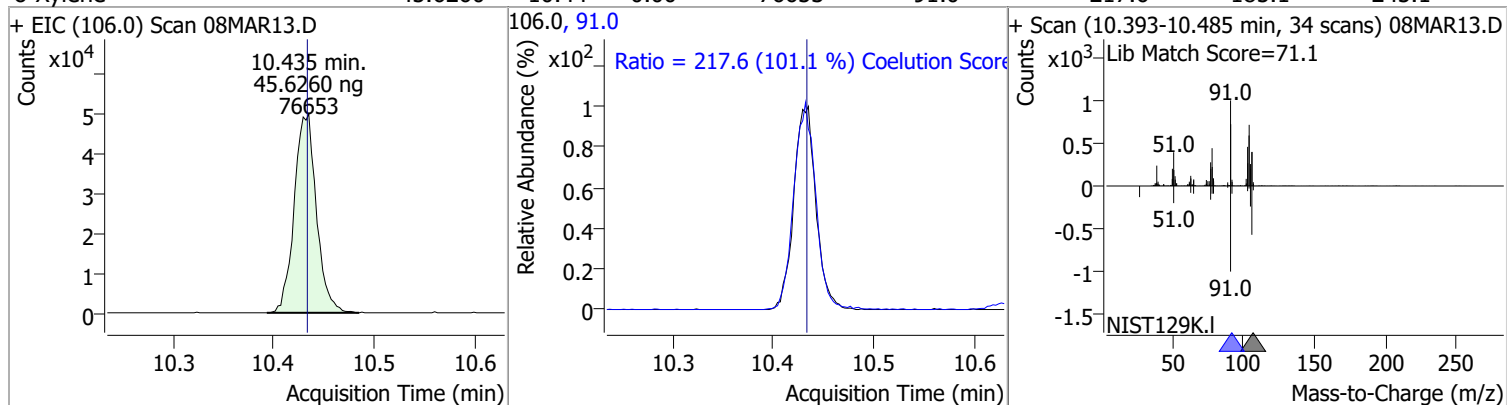
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	48.4724	9.80	0.00	139438	114.0	31.8	1.6	61.6
+ EIC (112.0) Scan 08MAR13.D			112.0, 114.0			+ Scan (9.760-9.878 min, 42 scans) 08MAR13.D		
1,1,1,2-Tetrachloroethane	47.0599	9.89	0.00	47388	133.0	98.2	67.9	127.9
+ EIC (131.0) Scan 08MAR13.D			131.0, 133.0			+ Scan (9.855-9.931 min, 27 scans) 08MAR13.D		
Ethylbenzene	45.3494	9.92	0.00	223198	106.0	31.5	1.2	61.2
+ EIC (91.0) Scan 08MAR13.D			91.0, 106.0			+ Scan (9.880-9.992 min, 40 scans) 08MAR13.D		
m+p-Xylenes	90.9482	10.04	0.00	177752	91.0	202.0	173.1	233.1
+ EIC (106.0) Scan 08MAR13.D			106.0, 91.0			+ Scan (9.997-10.112 min, 42 scans) 08MAR13.D		

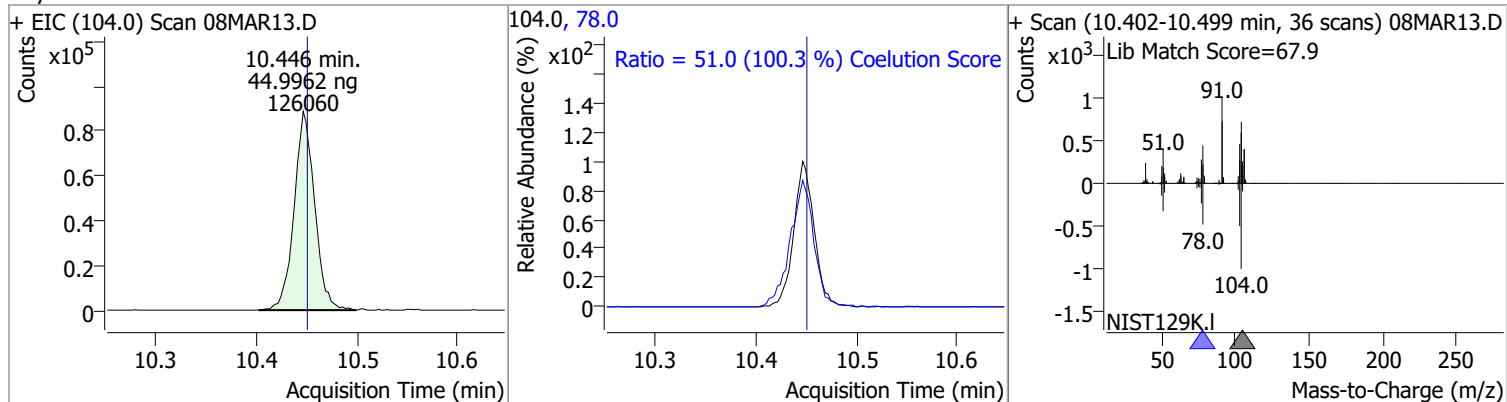


# Quantitation Results Report (QT Reviewed)

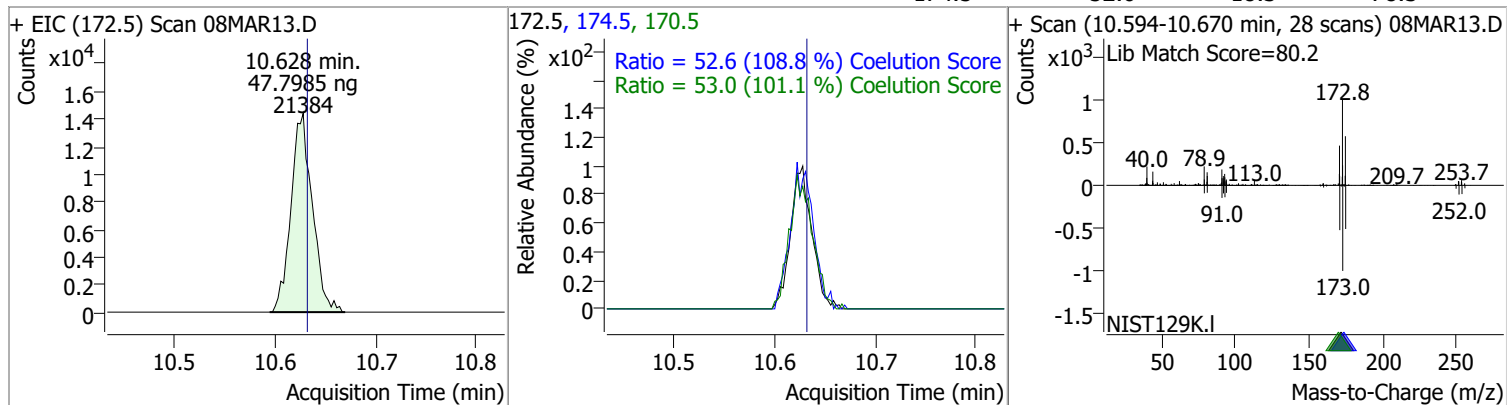
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	45.6260	10.44	0.00	76653	91.0	217.6	185.1	245.1



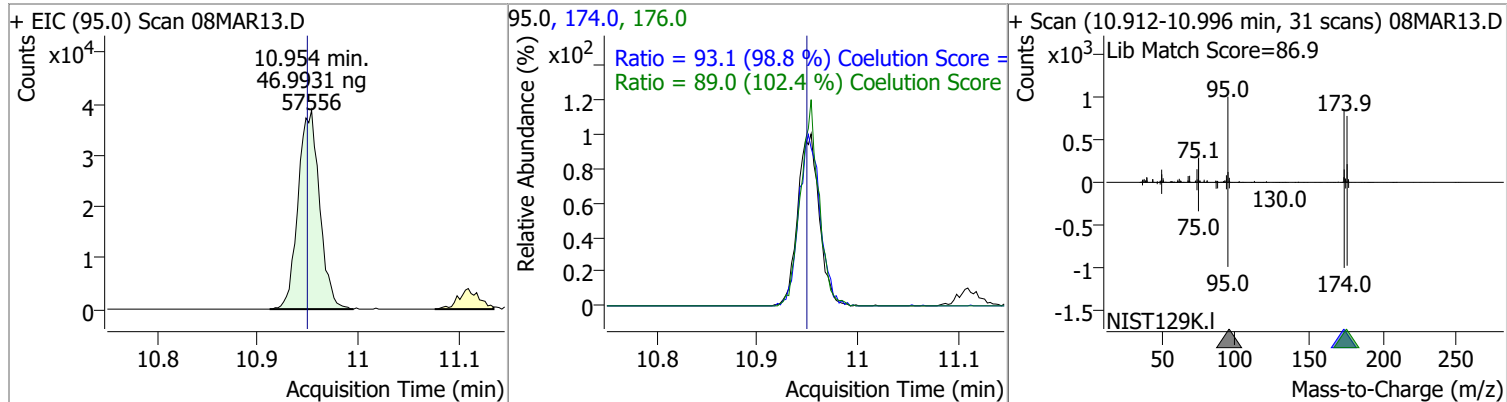
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	44.9962	10.45	0.00	126060	78.0	51.0	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	47.7985	10.63	0.00	21384	170.5	53.0	22.5	82.5
					174.5	52.6	18.3	78.3

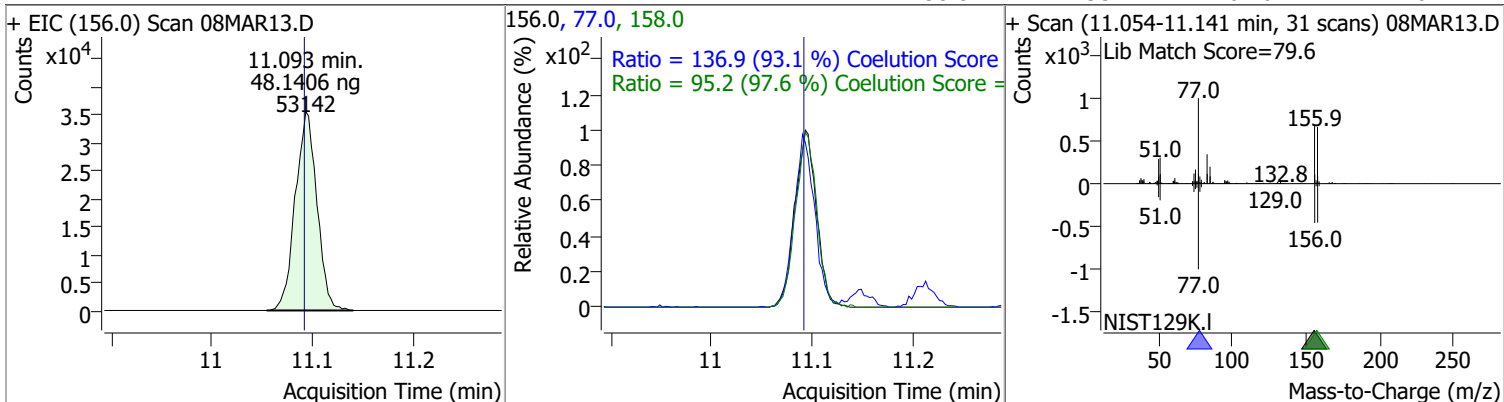


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	46.9931	10.95	0.01	57556	174.0	93.1	64.2	124.2
					176.0	89.0	56.9	116.9

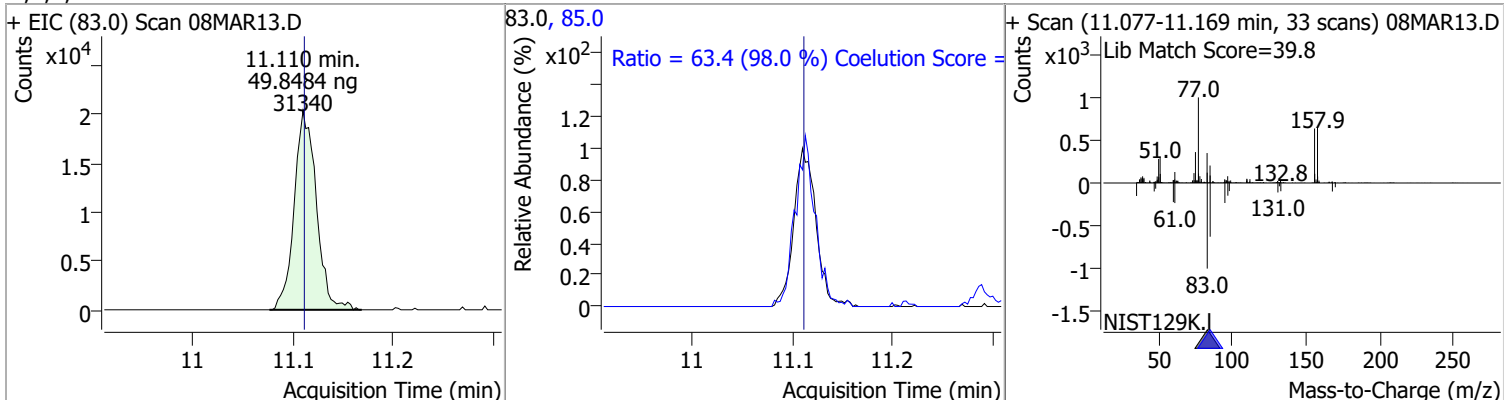


# Quantitation Results Report (QT Reviewed)

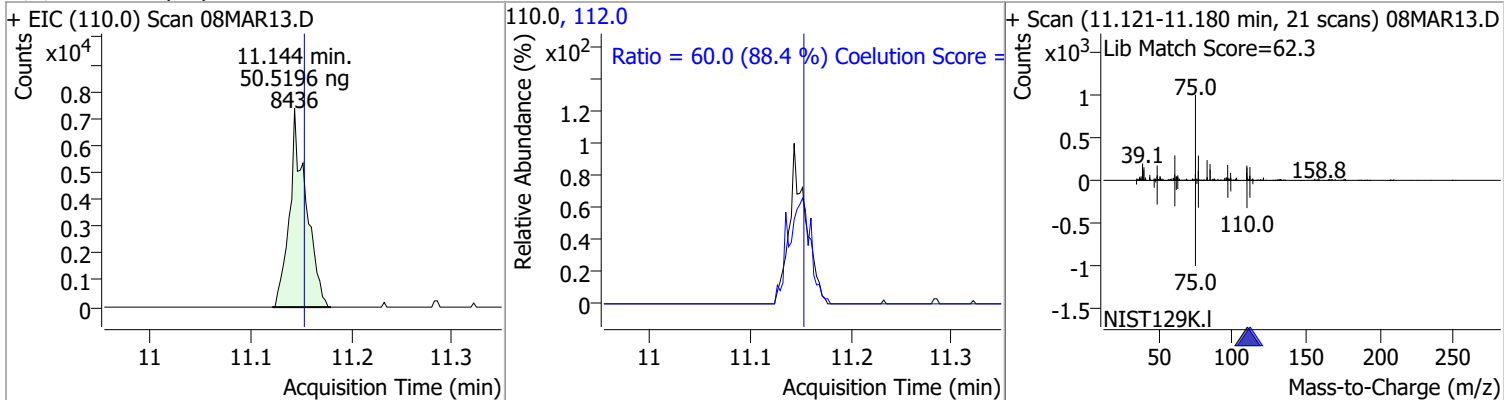
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	48.1406	11.09	0.00	53142	77.0	136.9	117.1	177.1
					158.0	95.2	67.6	127.6



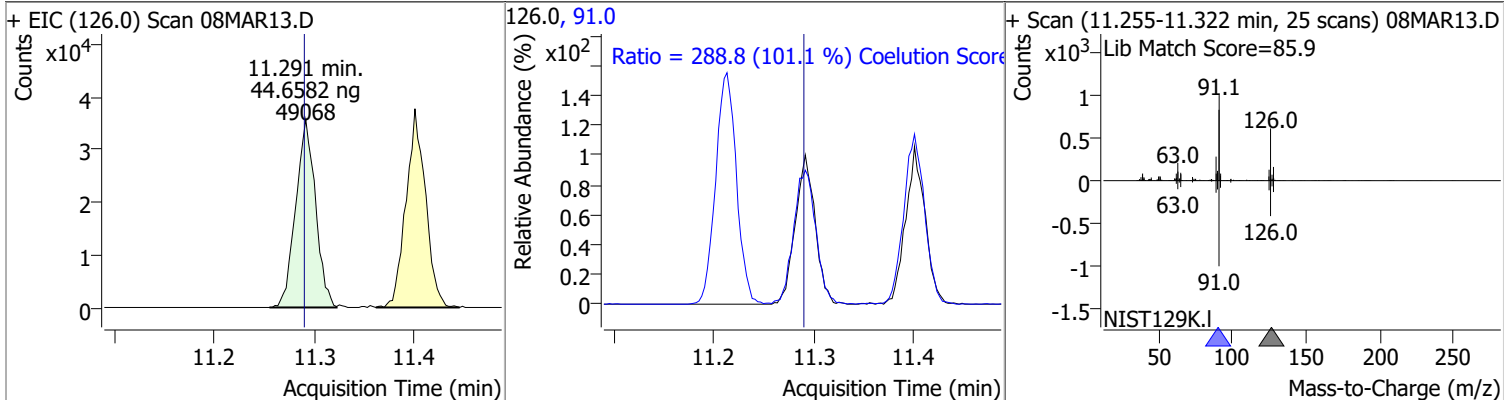
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	49.8484	11.11	0.00	31340	85.0	63.4	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	50.5196	11.14	-0.01	8436	112.0	60.0	37.9	97.9

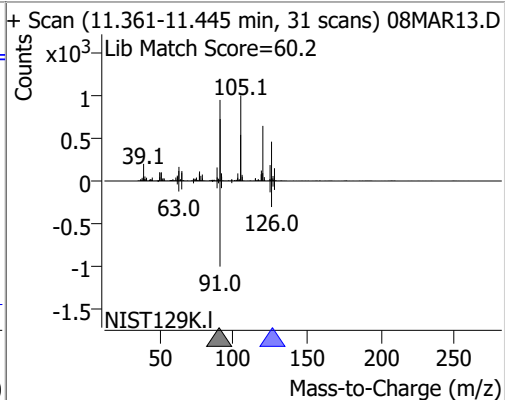
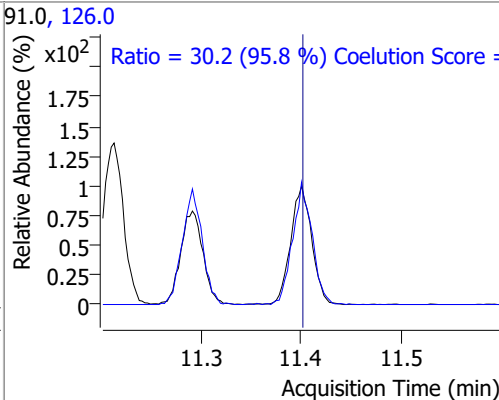
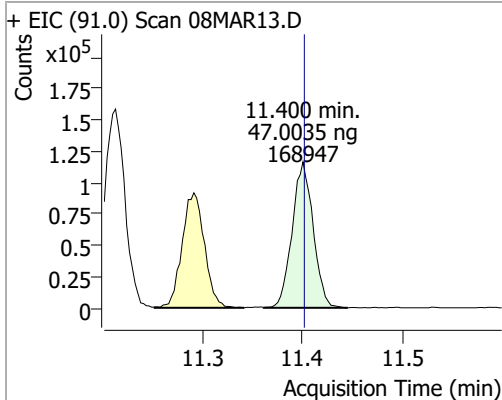


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	44.6582	11.29	0.00	49068	91.0	288.8	255.6	315.6

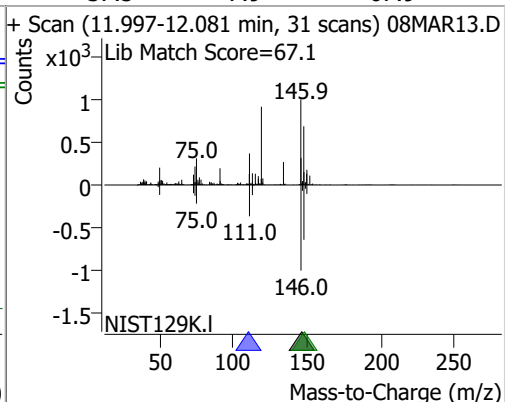
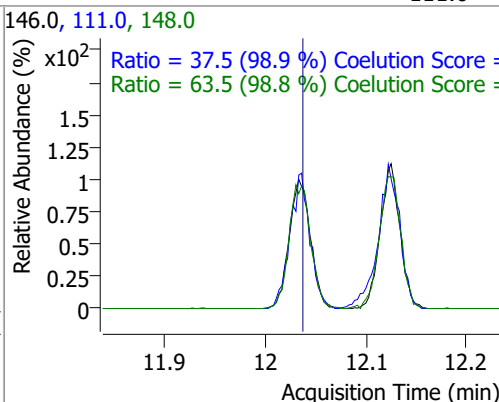
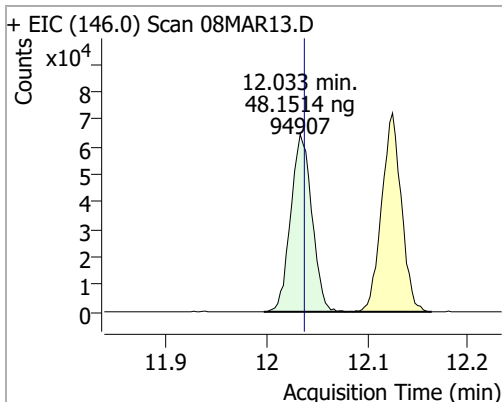


# Quantitation Results Report (QT Reviewed)

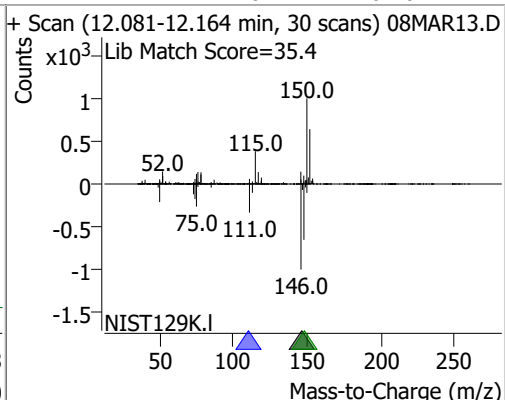
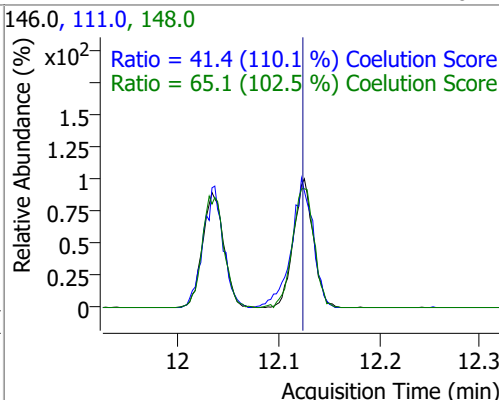
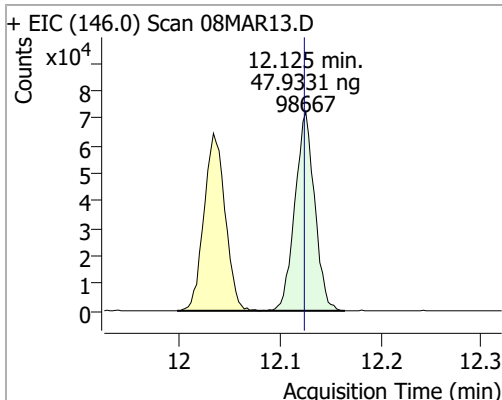
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	47.0035	11.40	0.00	168947	126.0	30.2	1.5	61.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	48.1514	12.03	0.00	94907	148.0	63.5	34.3	94.3
					111.0	37.5	7.9	67.9

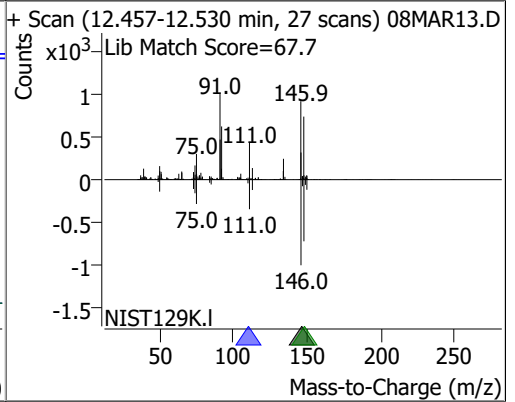
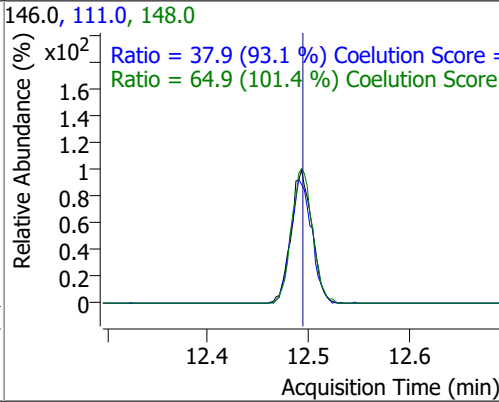
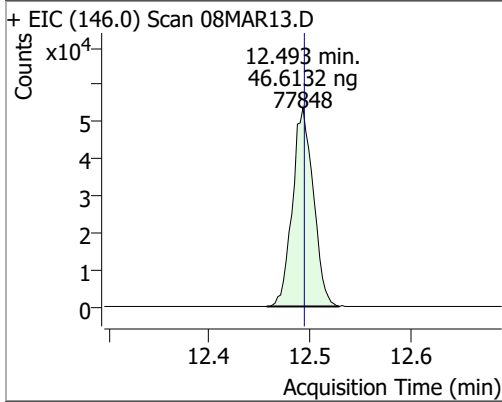


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	47.9331	12.13	0.00	98667	148.0	65.1	33.5	93.5
					111.0	41.4	7.6	67.6



# Quantitation Results Report (QT Reviewed)

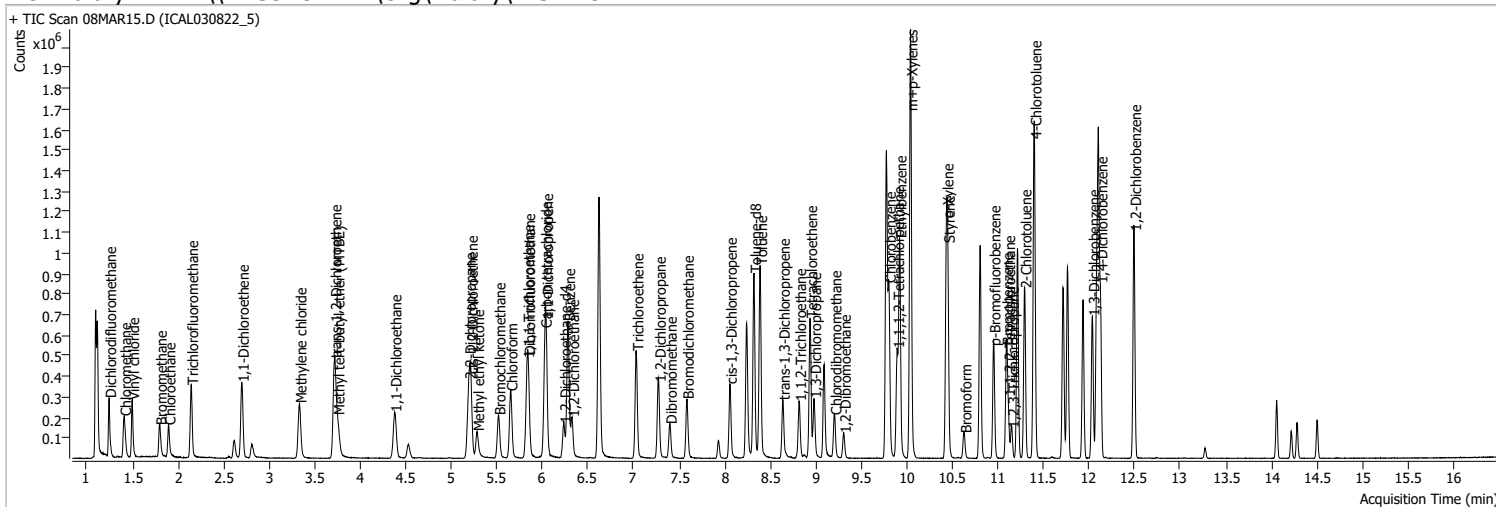
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	46.6132	12.49	0.00	77848	148.0	64.9	33.9	93.9
					111.0	37.9	10.7	70.7



# Quantitation Results Report (QT Reviewed)

**Data File** 08MAR15.D  
**Acq. Method** 5975CACQF.M  
**Sample Name** ICAL030822\_5  
**Vial** 15  
**DA Method File** VOA5975C\_8260B\_SHT\_DoD\_030822.m  
**Tune File** BFB\_Atune3.u  
**Batch Name** VG030822\_8260B.batch.bin  
**Ref Library** \\MASSHUNTER\Org\Library\NIST129K.I

**Operator** MSC  
**Acq. Date-Time** 3/8/2022 5:07:27 PM  
**Instrument** VOA5975C  
**Multiplier** 1.00  
**Comment**  
**Tune Date** 10/11/2021 4:02:00 PM  
**Last Calib Update** 3/9/2022 9:53:53 AM



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
----------	----	------	-------	-------	-------	----------

**Internal Standards**

M Fluorobenzene	6.620	96.0	1065798	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	404630	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	344828	250.0000	ng	0.000

**System Monitoring Compounds**

S Dibromofluoromethane	5.842	113.0	134124	123.8520	ng	0.000
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 49.54%	*	
S 1,2-Dichloroethane-d4	6.236	67.0	60613	125.3925	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 50.16%	*	
S Toluene-d8	8.321	98.0	533281	124.8555	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 49.94%	*	
S p-Bromofluorobenzene	10.948	95.0	162702	127.9616	ng	0.000
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 51.18%	*	

**Target Compounds**

Compound	RT	QIon	Resp.	Conc.	Units	QValue
T Dichlorodifluoromethane	1.244	85.0	188867	122.7139	ng	100
T Chloromethane	1.408	50.0	215141	120.5924	ng	100
T Vinyl chloride	1.495	62.0	193911	120.3221	ng	100
T Bromomethane	1.802	96.0	85279	119.0785	ng	100
T Chloroethane	1.896	64.0	103835	121.8193	ng	100
T Trichlorofluoromethane	2.145	101.0	239502	117.7960	ng	100
T 1,1-Dichloroethene	2.700	96.0	131215	121.3432	ng	100
T Methylene chloride	3.333	49.0	193291	117.7159	ng	100
T trans-1,2-Dichloroethene	3.717	96.0	139017	123.4881	ng	100
T Methyl tert-butyl ether (MTBE)	3.751	73.0	163173	116.3347	ng	100
T 1,1-Dichloroethane	4.375	63.0	268638	124.5866	ng	100
T 2,2-Dichloropropane	5.190	77.0	207283	124.7328	ng	100
T cis-1,2-Dichloroethene	5.215	96.0	139481	122.5192	ng	100
T Methyl ethyl ketone	5.282	43.0	176782	1181.4305	ng	100
T Bromochloromethane	5.516	128.0	57901	127.5657	ng	100
T Chloroform	5.650	83.0	255850	121.0869	ng	100

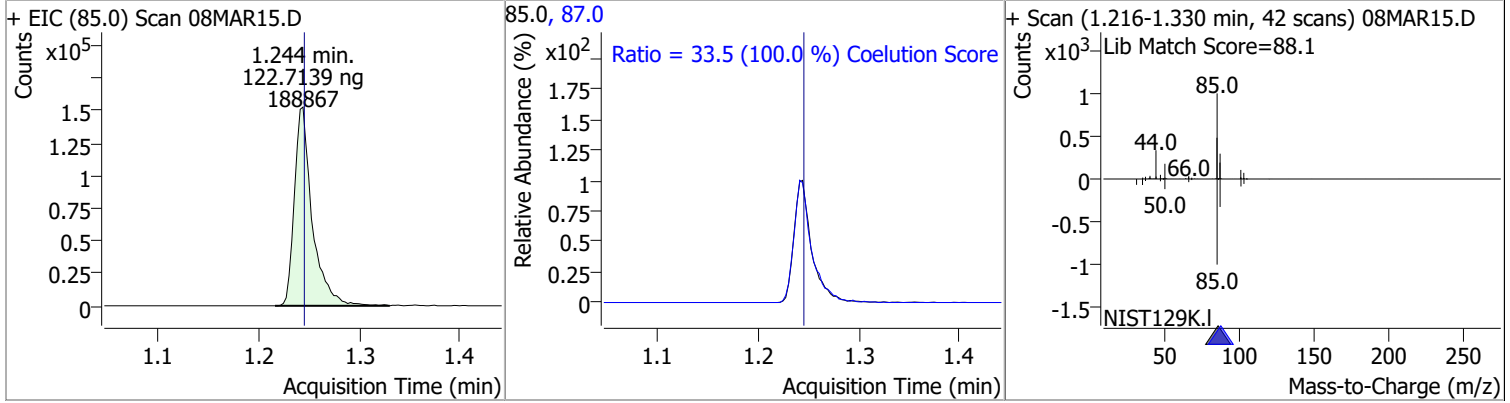
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	253365	123.6696	ng	100
T Carbon tetrachloride	6.026	117.0	255969	126.5669	ng	100
T 1,1-Dichloropropene	6.040	75.0	207371	124.7426	ng	100
T Benzene	6.280	78.0	551144	127.1716	ng	100
T 1,2-Dichloroethane	6.325	62.0	138818	118.5333	ng	100
T Trichloroethene	7.030	95.0	162270	128.1821	ng	100
T 1,2-Dichloropropane	7.276	63.0	137506	124.6701	ng	100
T Dibromomethane	7.398	93.0	56497	120.9827	ng	100
T Bromodichloromethane	7.585	83.0	164080	125.8111	ng	100
T cis-1,3-Dichloropropene	8.056	75.0	173700	122.2518	ng	100
T Toluene	8.388	92.0	346733	129.8766	ng	100
T trans-1,3-Dichloropropene	8.639	75.0	132503	126.7483	ng	100
T 1,1,2-Trichloroethane	8.815	83.0	65757	125.0128	ng	100
T Tetrachloroethene	8.938	163.8	146026	129.1556	ng	100
T 1,3-Dichloropropane	8.980	76.0	136327	126.7026	ng	100
T Chlorodibromomethane	9.205	129.0	104633	123.0447	ng	100
T 1,2-Dibromoethane	9.309	107.0	72905	123.8256	ng	100
T Chlorobenzene	9.802	112.0	378404	127.1762	ng	100
T 1,1,1,2-Tetrachloroethane	9.891	131.0	128909	123.7664	ng	100
T Ethylbenzene	9.919	91.0	657972	125.8518	ng	100
T m+p-Xylenes	10.039	106.0	530390	255.4456	ng	100
T o-Xylene	10.432	106.0	225955	126.0357	ng	100
T Styrene	10.449	104.0	380735	127.3151	ng	100
T Bromoform	10.630	172.5	56086	120.7601	ng	100
T Bromobenzene	11.091	156.0	143478	125.1995	ng	100
T 1,1,2,2-Tetrachloroethane	11.110	83.0	79827	122.3053	ng	100
T 1,2,3-Trichloropropane	11.152	110.0	20143	116.1960	ng	100
T 2-Chlorotoluene	11.289	126.0	147552	129.3576	ng	100
T 4-Chlorotoluene	11.400	91.0	488073	130.8000	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	265354	129.6822	ng	100
T 1,4-Dichlorobenzene	12.122	146.0	270489	126.5775	ng	100
T 1,2-Dichlorobenzene	12.493	146.0	215492	124.2900	ng	100

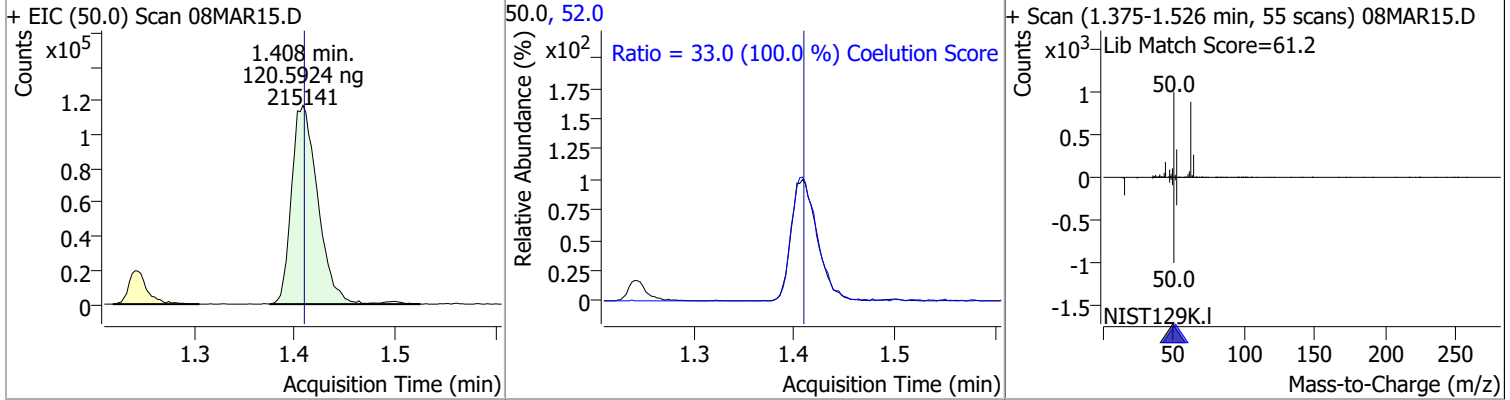
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

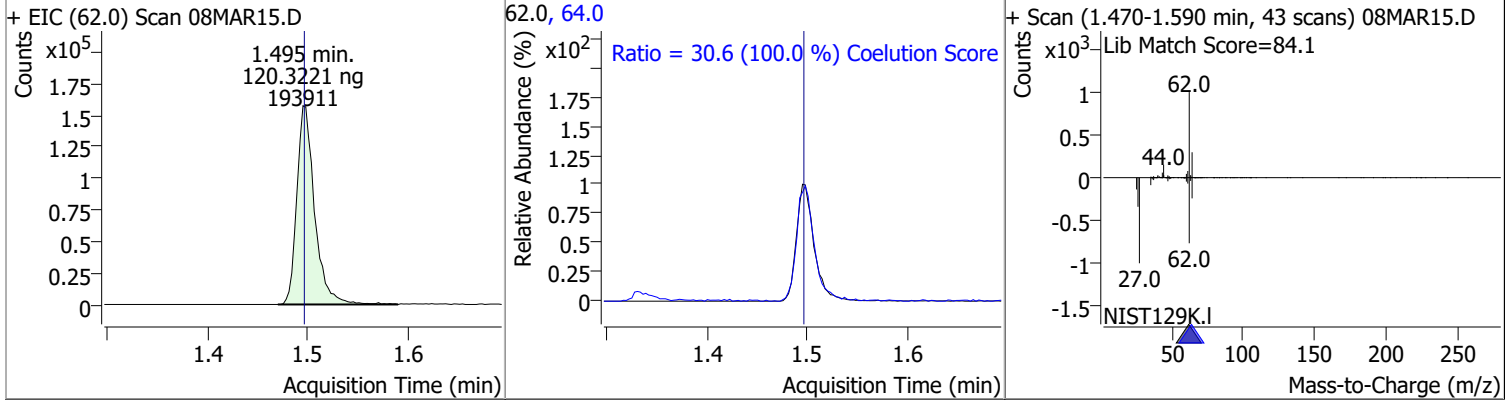
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	122.7139	1.24	0.00	188867	87.0	33.5	3.5	63.5



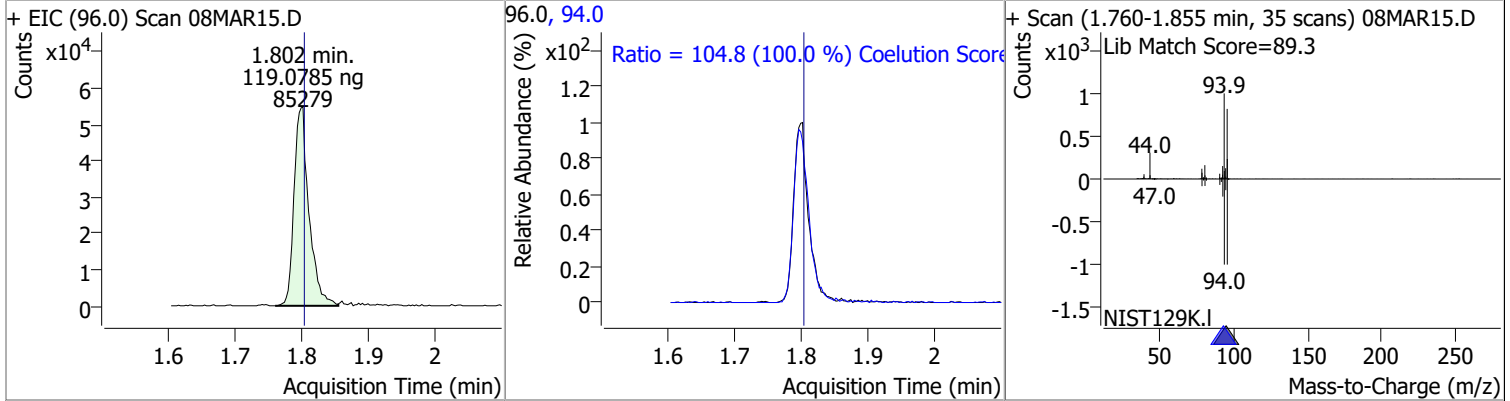
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	120.5924	1.41	0.00	215141	52.0	33.0	3.0	63.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	120.3221	1.49	0.00	193911	64.0	30.6	0.6	60.6

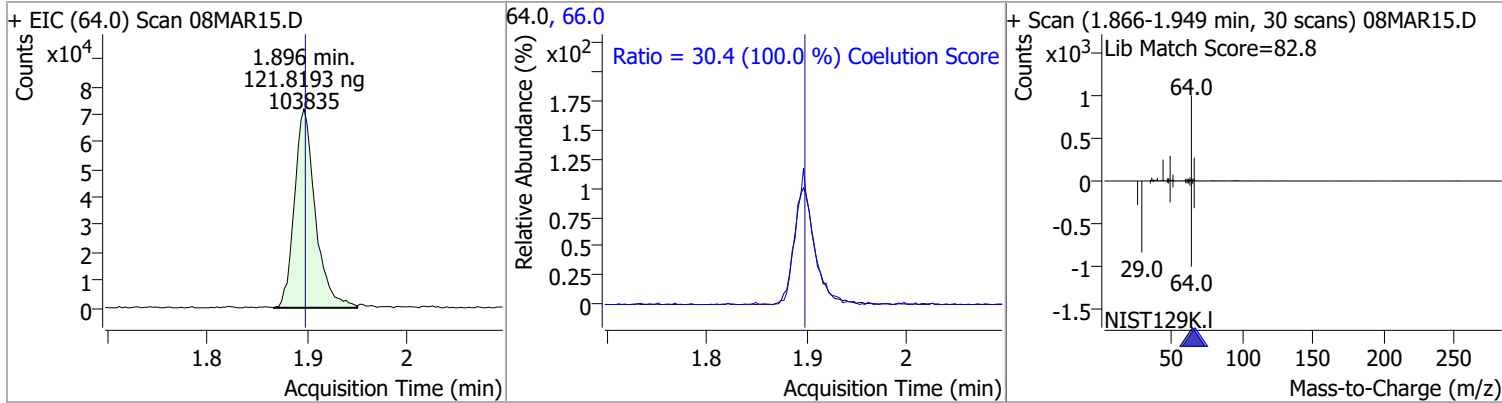


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	119.0785	1.80	0.00	85279	94.0	104.8	74.8	134.8

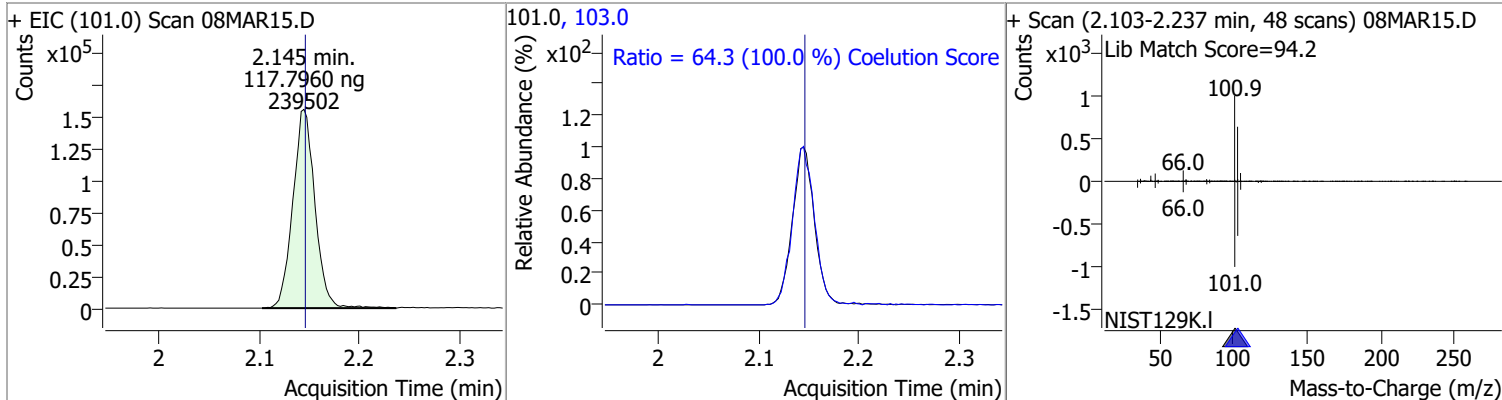


# Quantitation Results Report (QT Reviewed)

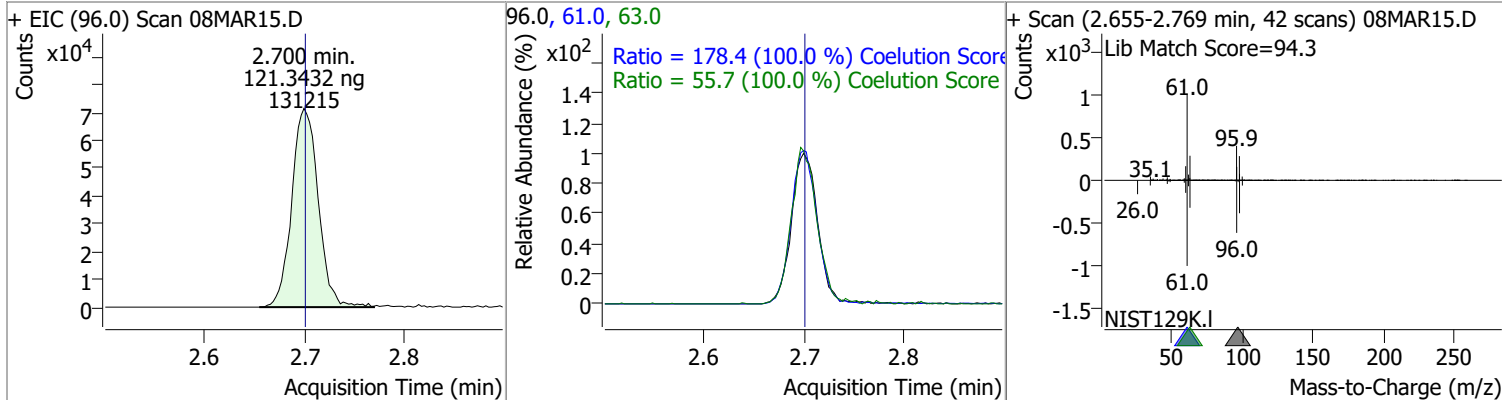
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	121.8193	1.90	0.00	103835	66.0	30.4	0.4	60.4



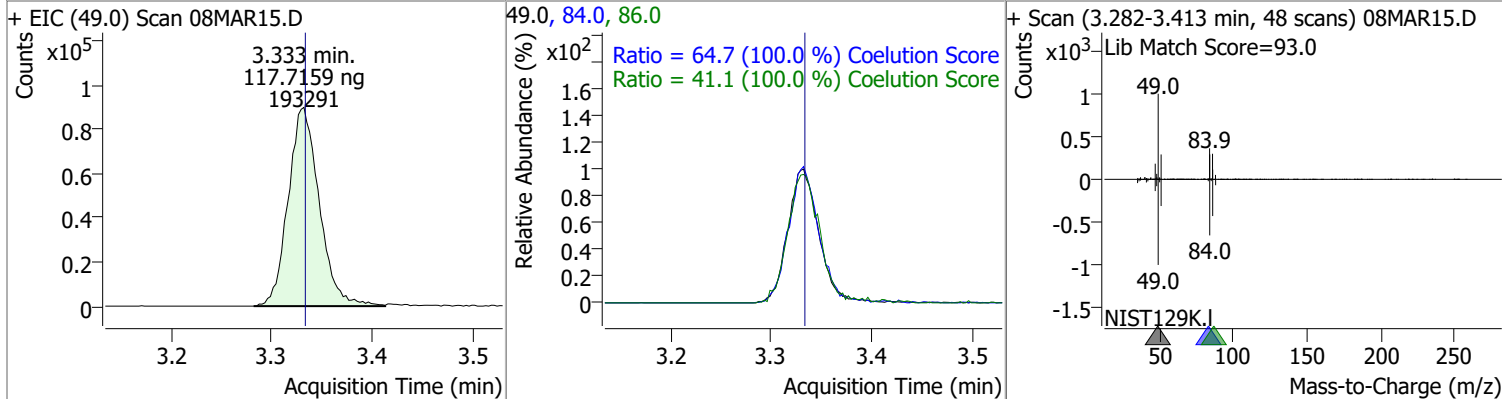
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	117.7960	2.14	0.00	239502	103.0	64.3	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	121.3432	2.70	0.00	131215	61.0	178.4	148.4	208.4
					63.0	55.7	25.7	85.7



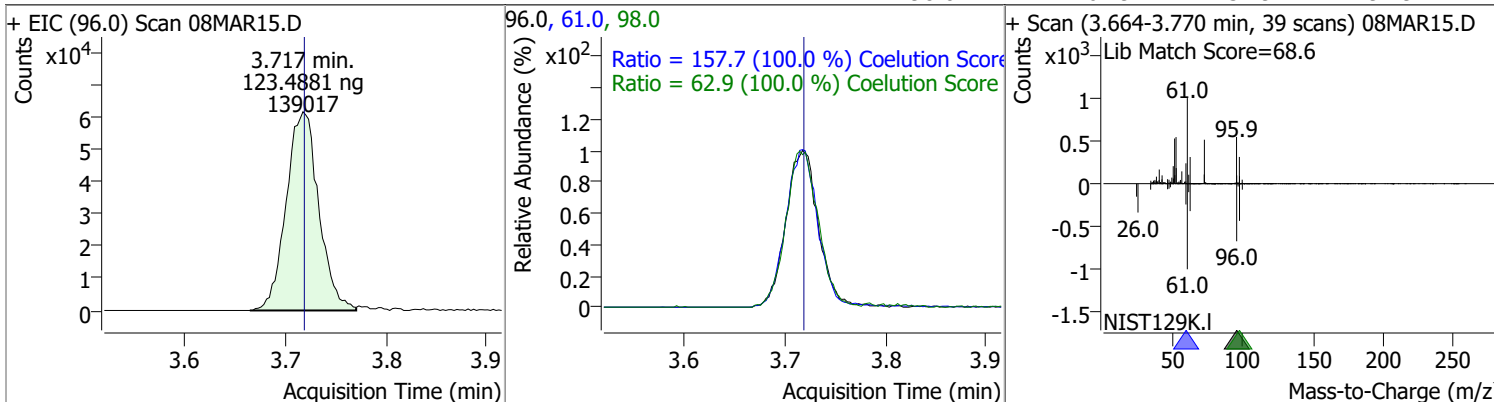
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	117.7159	3.33	0.00	193291	84.0	64.7	34.7	94.7
					86.0	41.1	11.1	71.1



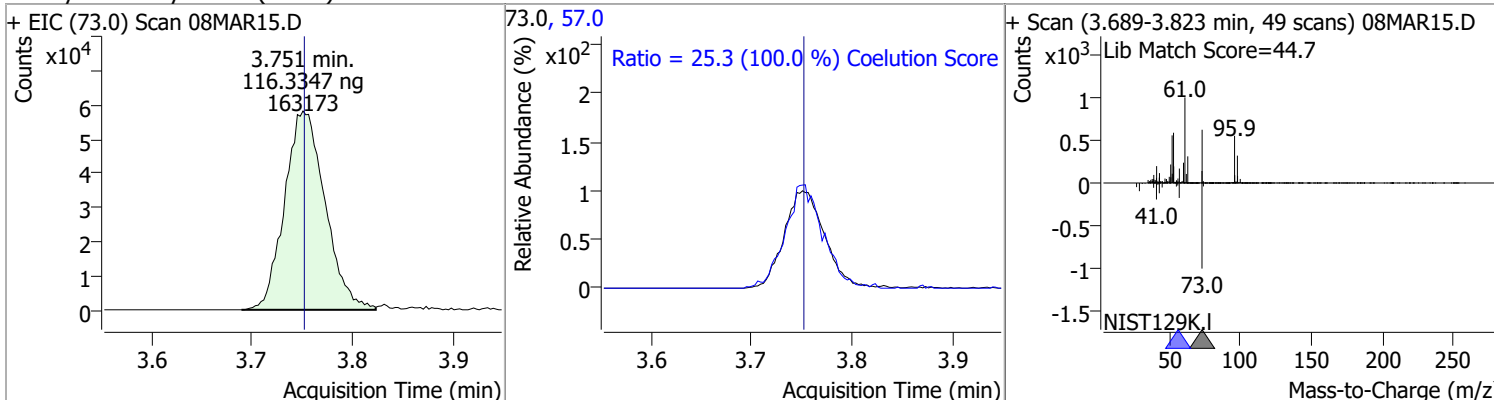


# Quantitation Results Report (QT Reviewed)

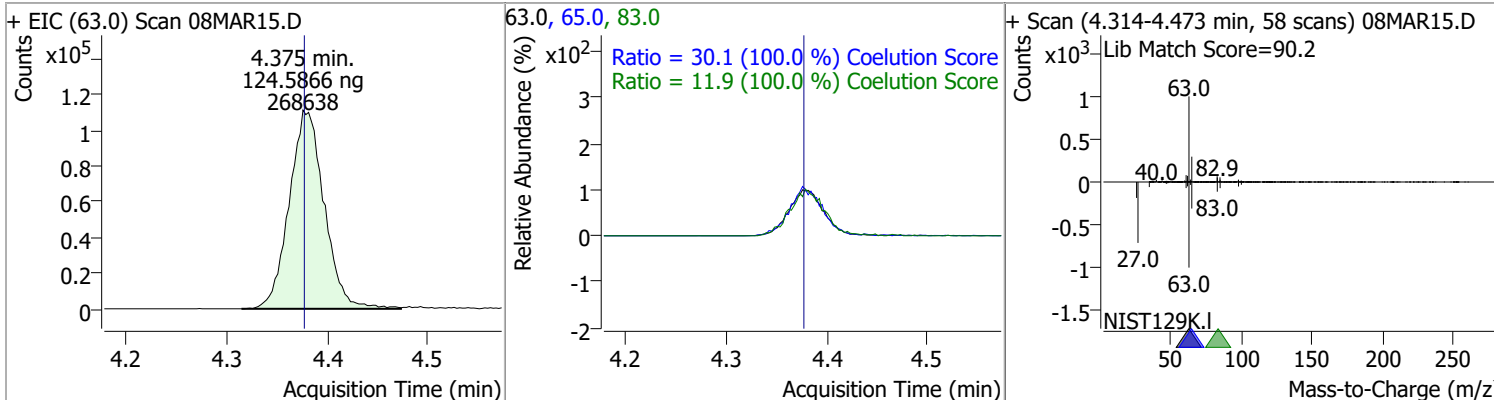
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	123.4881	3.72	0.00	139017	61.0	157.7	127.7	187.7
					98.0	62.9	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	116.3347	3.75	0.00	163173	57.0	25.3	0.0	55.3

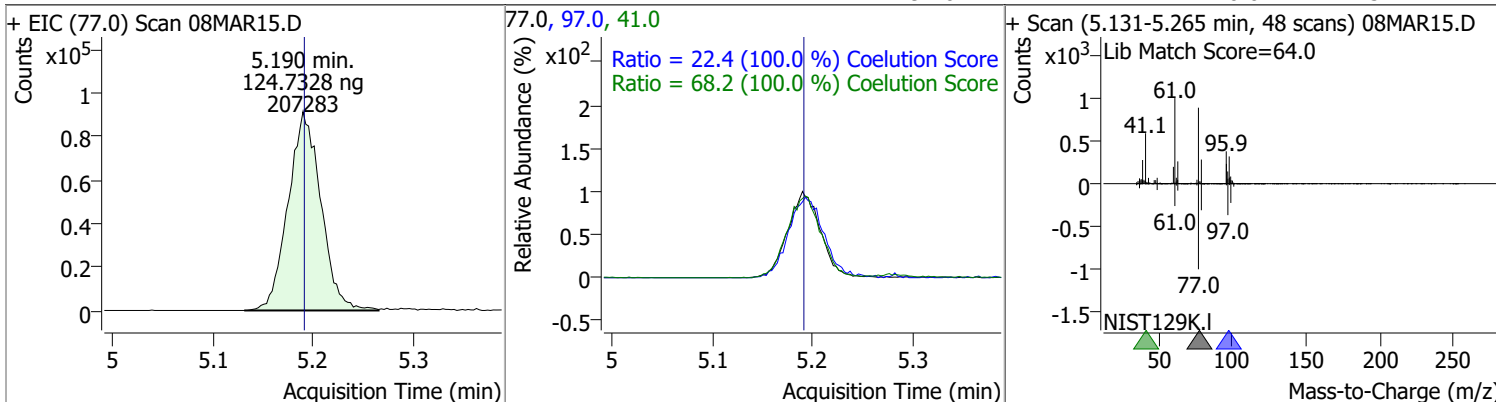


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	124.5866	4.38	0.00	268638	65.0	30.1	0.1	60.1
					83.0	11.9	0.0	41.9

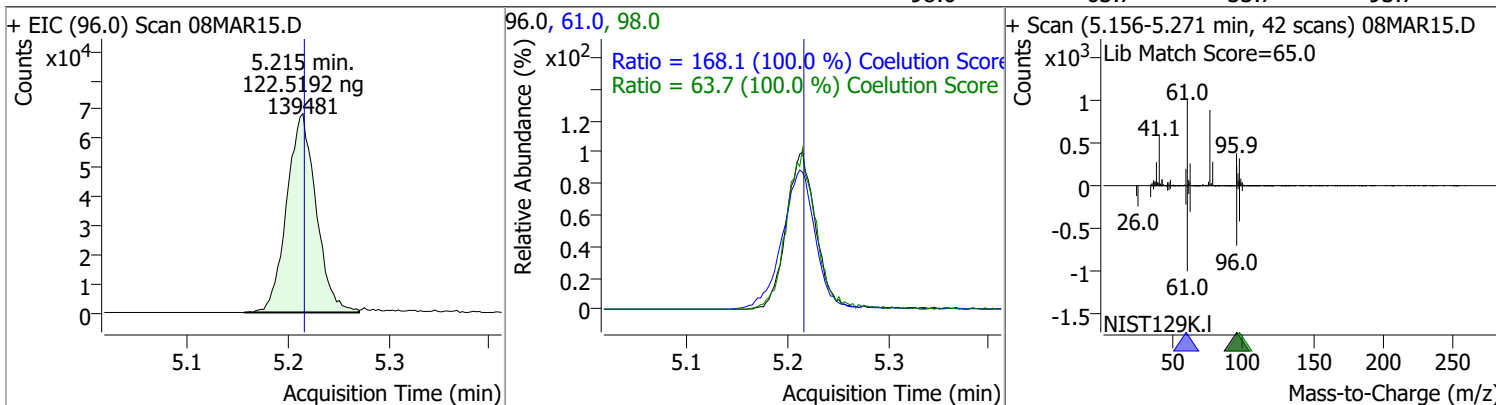


# Quantitation Results Report (QT Reviewed)

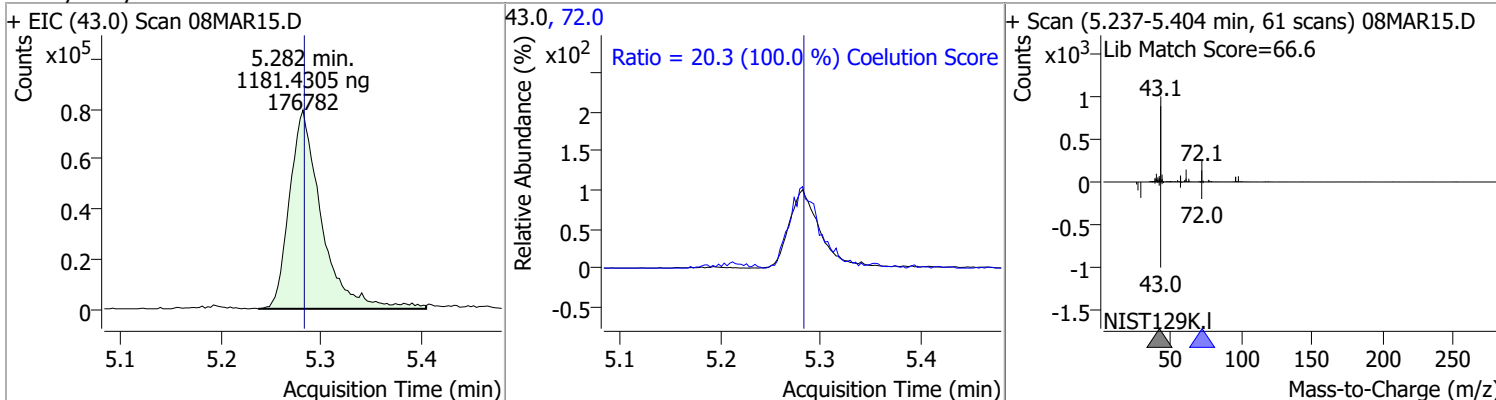
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	124.7328	5.19	0.00	207283	41.0	68.2	38.2	98.2
					97.0	22.4	0.0	52.4



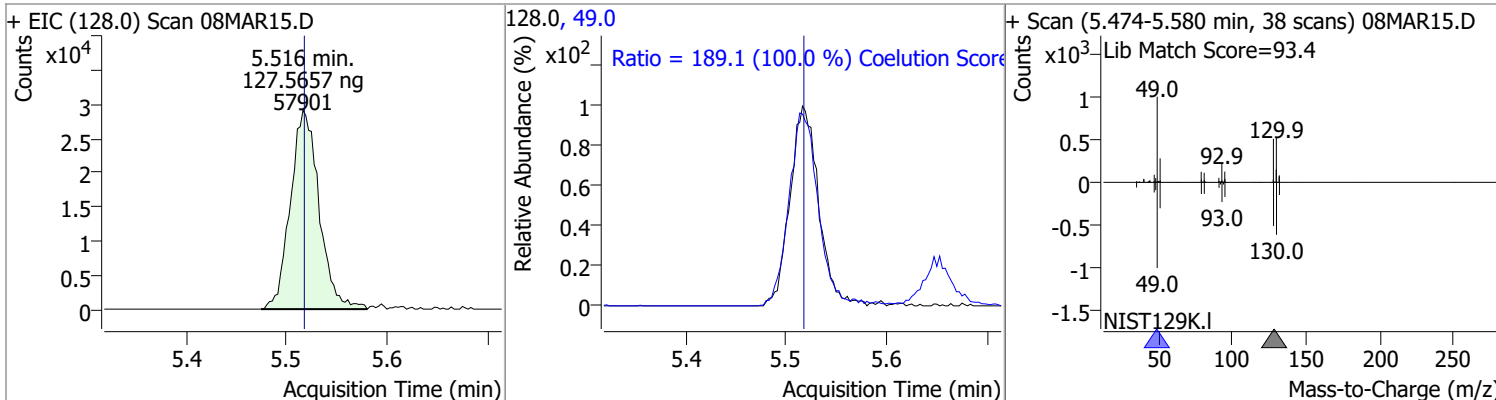
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	122.5192	5.21	0.00	139481	61.0	168.1	138.1	198.1
					98.0	63.7	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1181.4305	5.28	0.00	176782	72.0	20.3	0.0	50.3

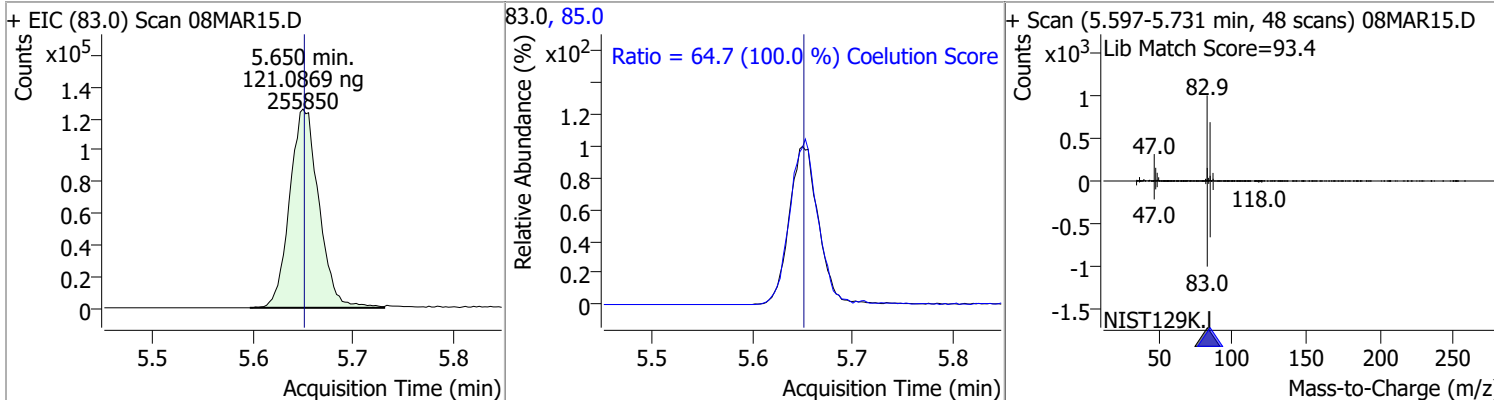


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	127.5657	5.52	0.00	57901	49.0	189.1	159.1	219.1

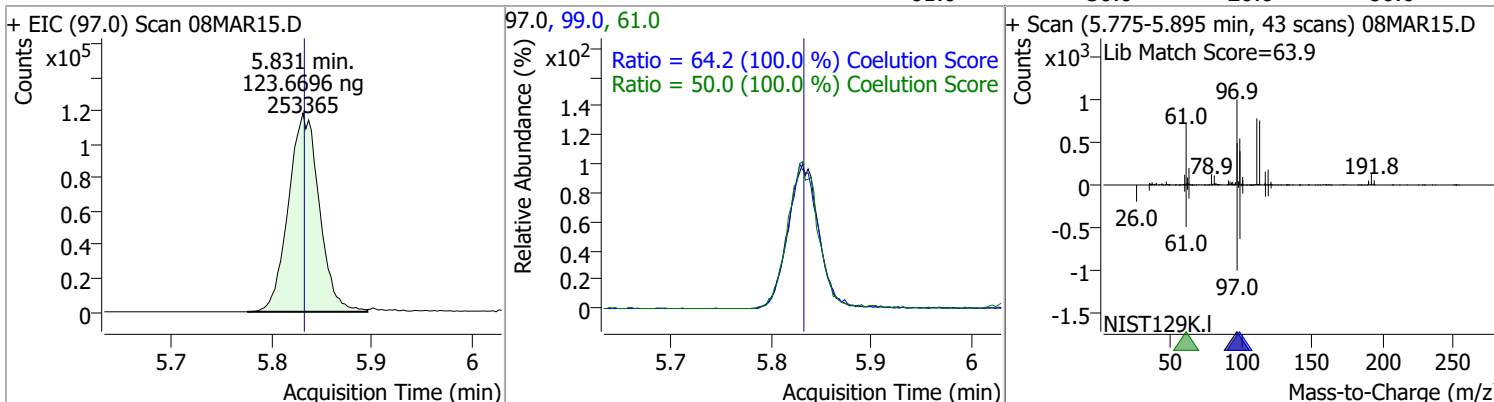


# Quantitation Results Report (QT Reviewed)

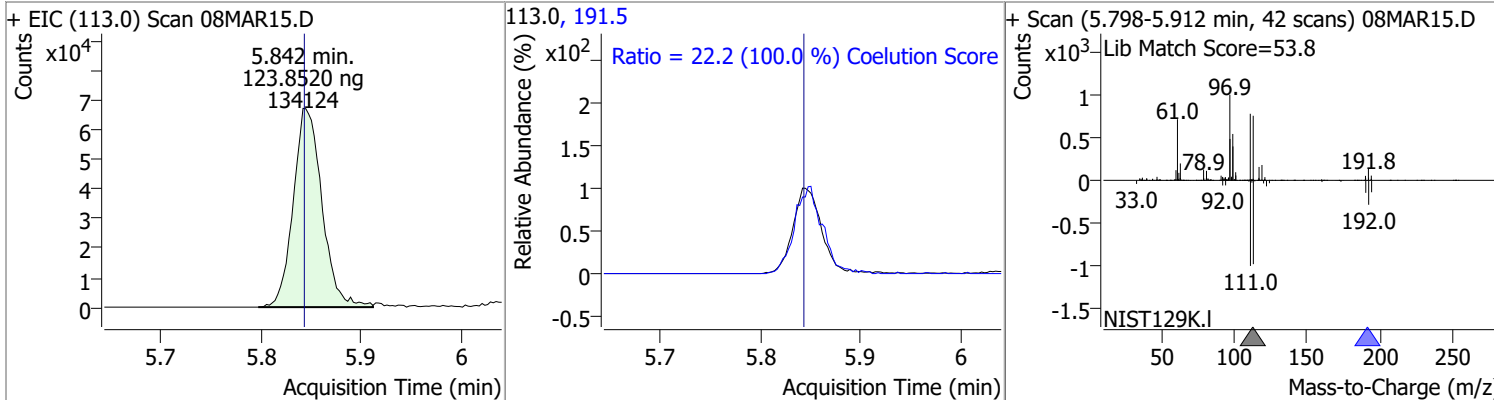
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	121.0869	5.65	0.00	255850	85.0	64.7	34.7	94.7



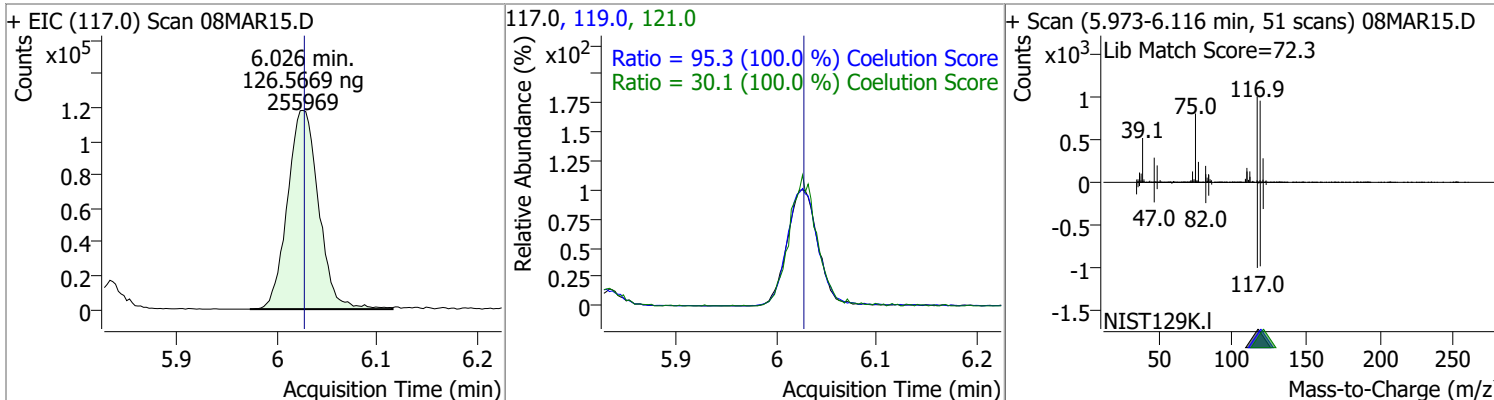
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	123.6696	5.83	0.00	253365	99.0	64.2	34.2	94.2
					61.0	50.0	20.0	80.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	123.8520	5.84	0.00	134124	191.5	22.2	0.0	52.2

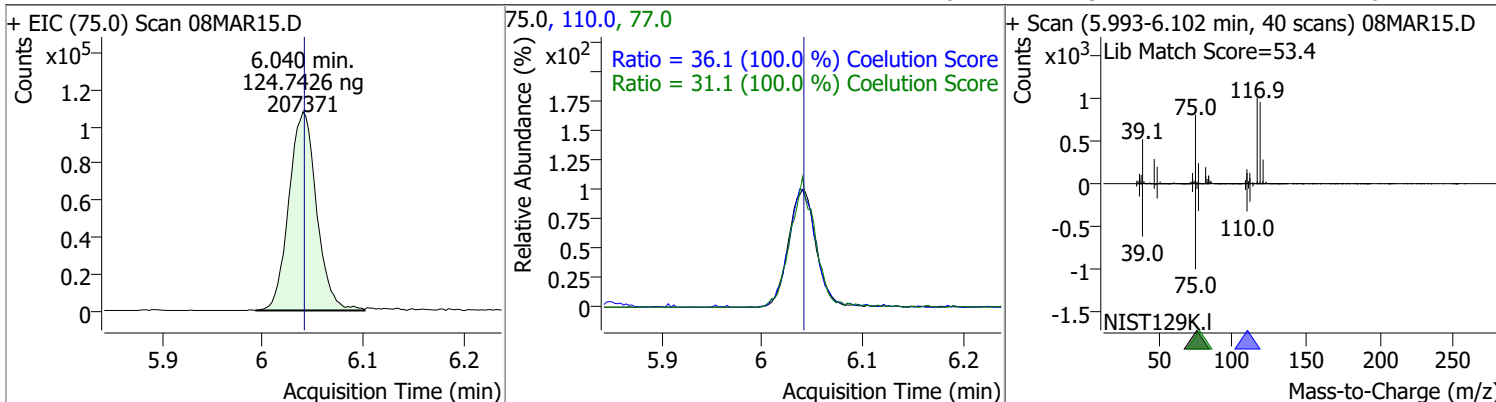


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	126.5669	6.03	0.00	255969	119.0	95.3	65.3	125.3
					121.0	30.1	0.1	60.1

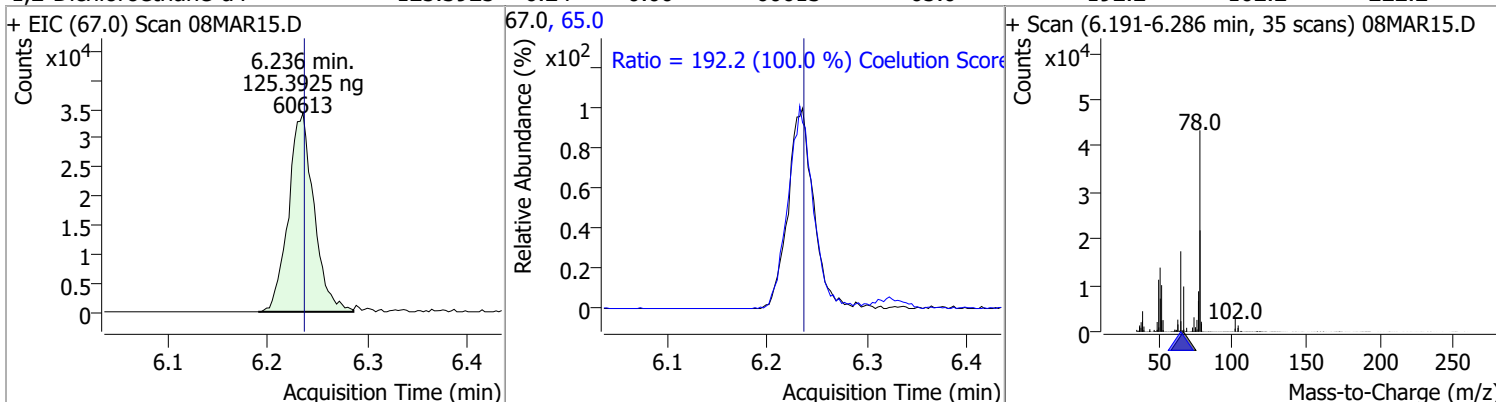


# Quantitation Results Report (QT Reviewed)

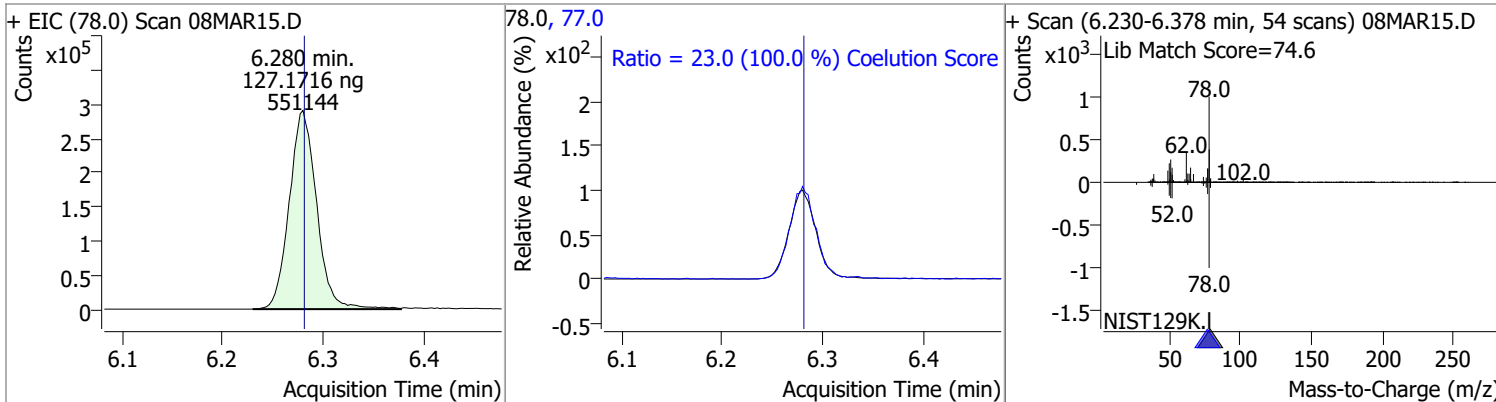
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	124.7426	6.04	0.00	207371	110.0	36.1	6.1	66.1
					77.0	31.1	1.1	61.1



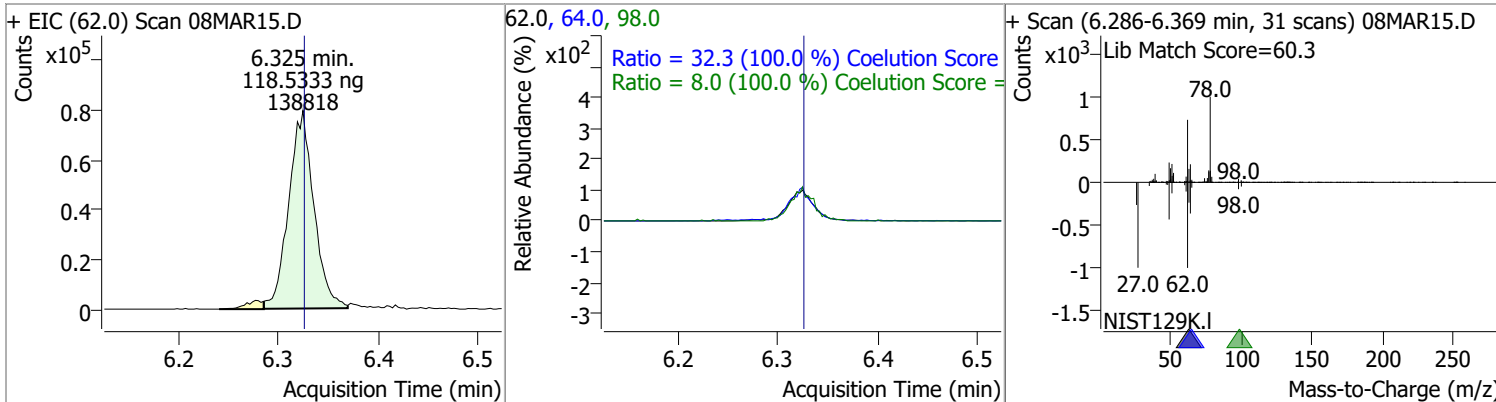
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	125.3925	6.24	0.00	60613	65.0	192.2	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	127.1716	6.28	0.00	551144	77.0	23.0	0.0	53.0

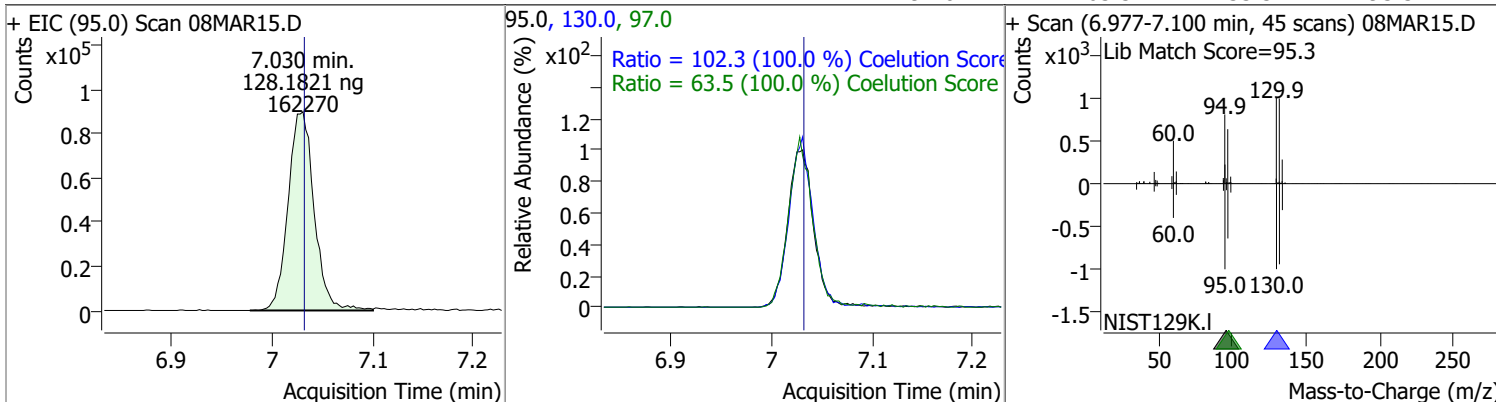


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	118.5333	6.32	0.00	138818	64.0	32.3	2.3	62.3
					98.0	8.0	0.0	38.0

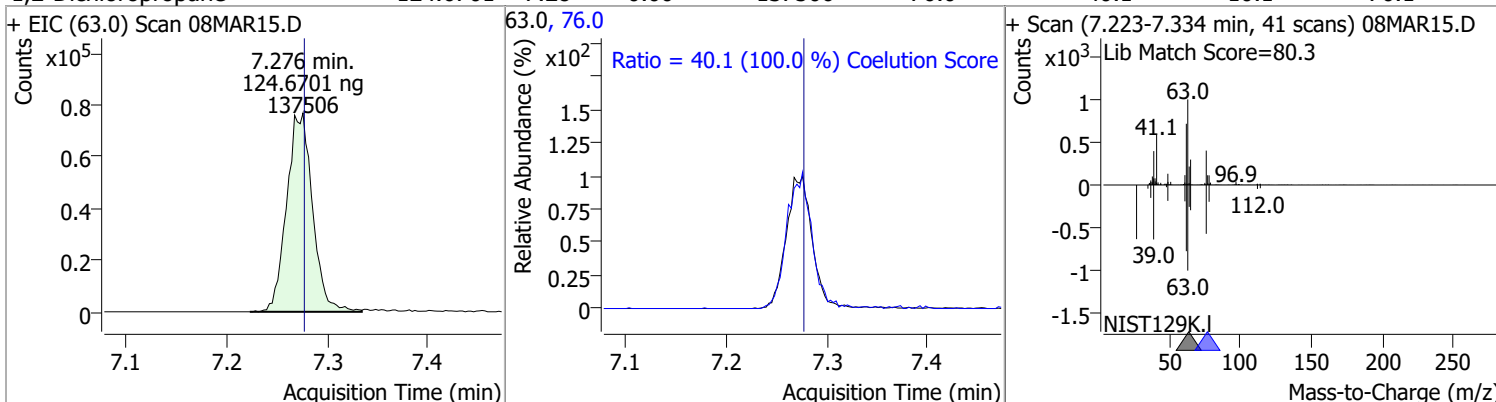


# Quantitation Results Report (QT Reviewed)

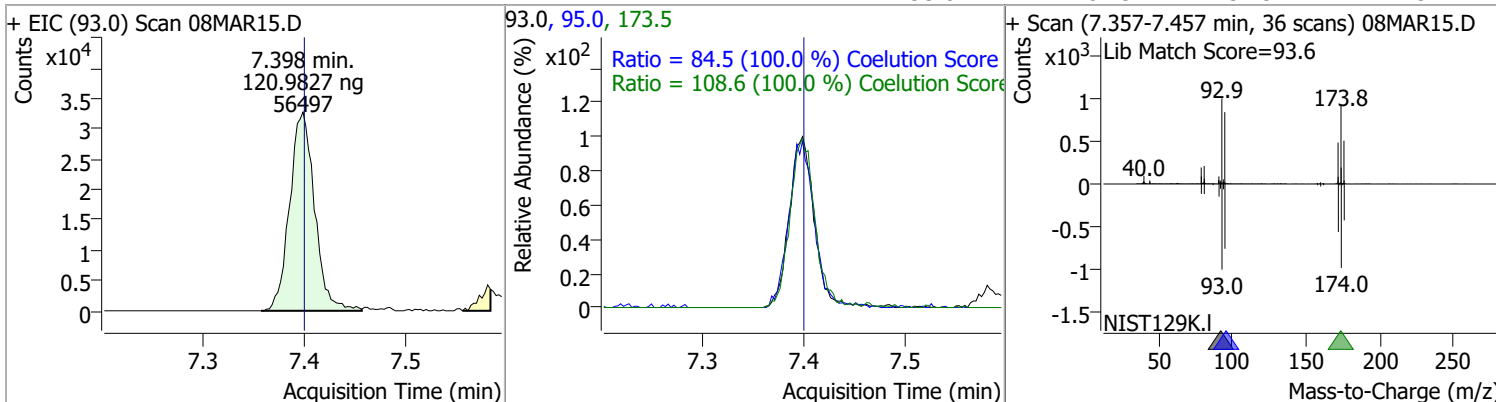
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	128.1821	7.03	0.00	162270	130.0	102.3	72.3	132.3
					97.0	63.5	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	124.6701	7.28	0.00	137506	76.0	40.1	10.1	70.1

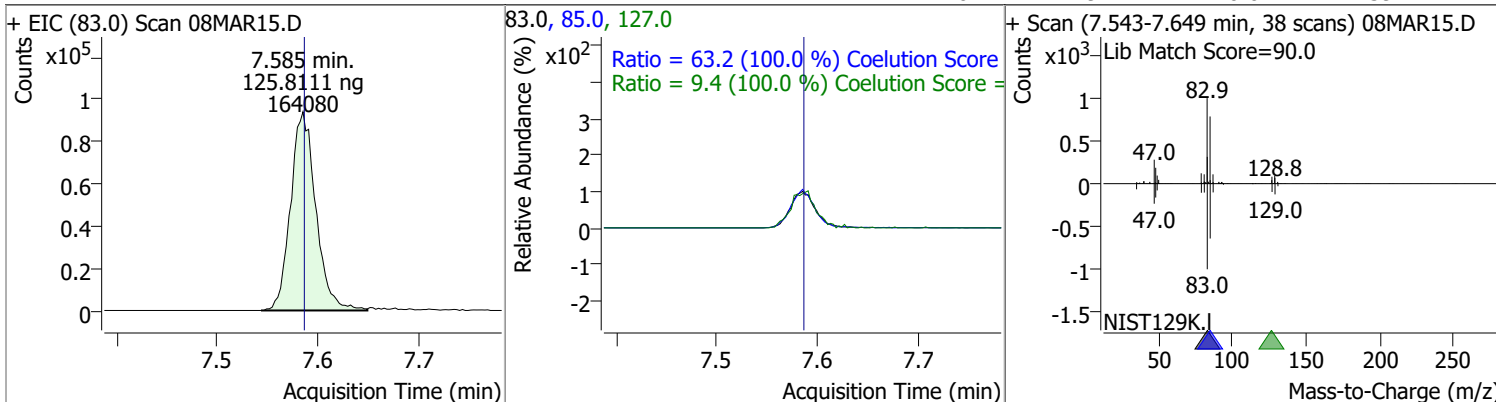


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	120.9827	7.40	0.00	56497	173.5	108.6	78.6	138.6
					95.0	84.5	54.5	114.5

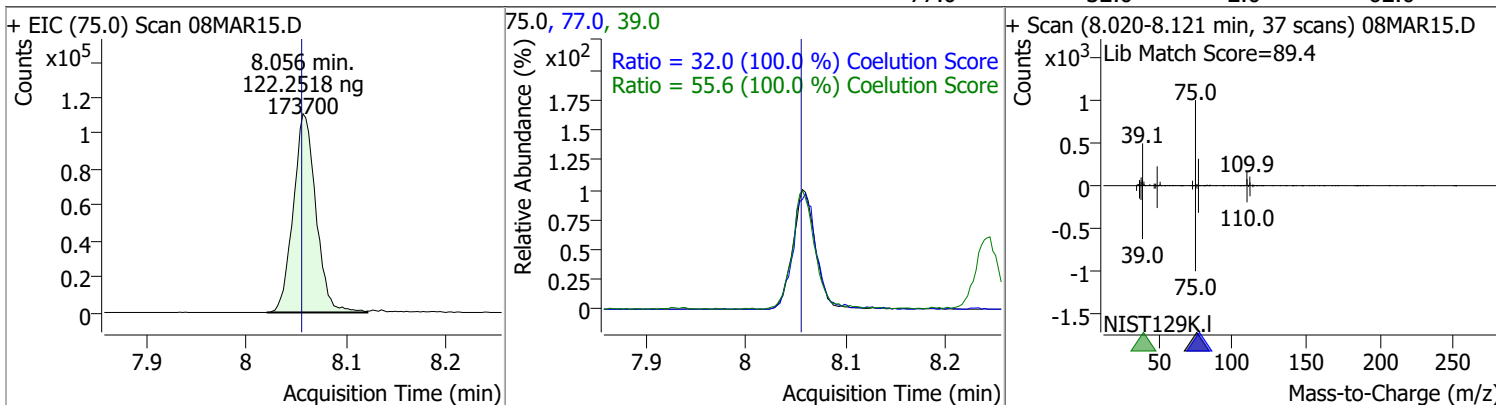


# Quantitation Results Report (QT Reviewed)

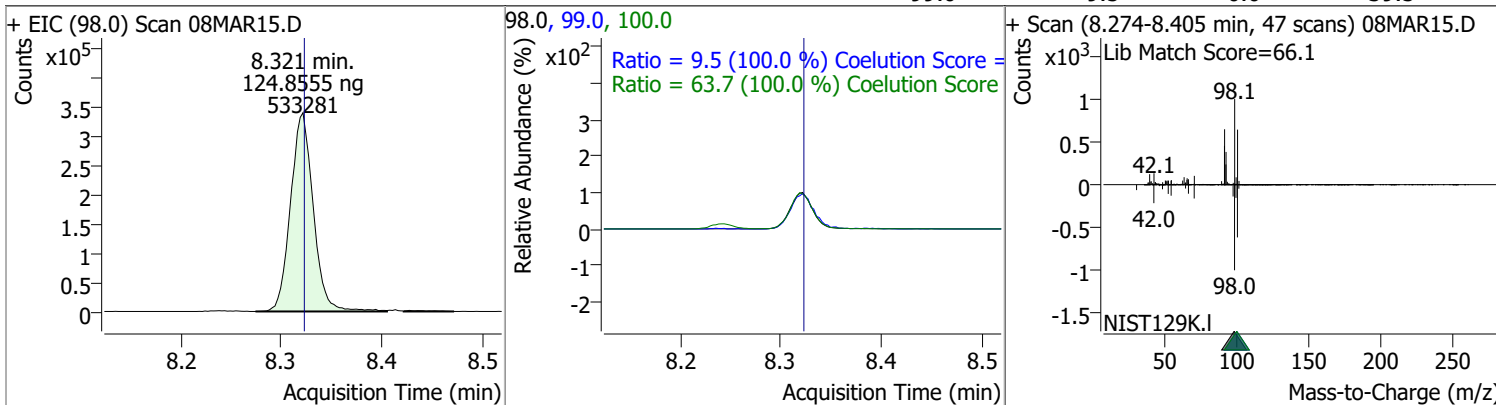
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	125.8111	7.59	0.00	164080	85.0	63.2	33.2	93.2
					127.0	9.4	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	122.2518	8.06	0.00	173700	39.0	55.6	25.6	85.6
					77.0	32.0	2.0	62.0

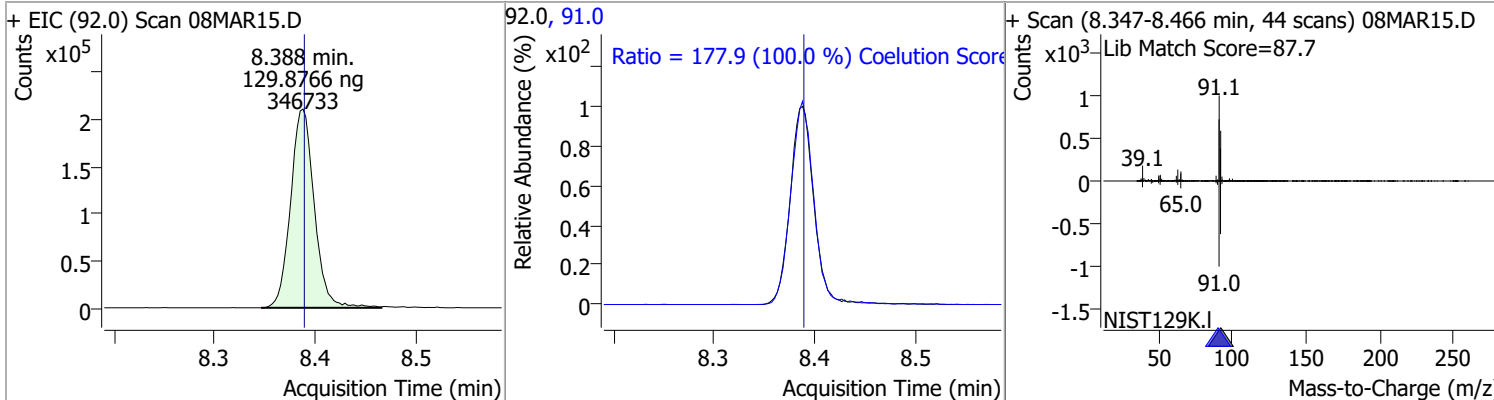


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	124.8555	8.32	0.00	533281	100.0	63.7	33.7	93.7
					99.0	9.5	0.0	39.5

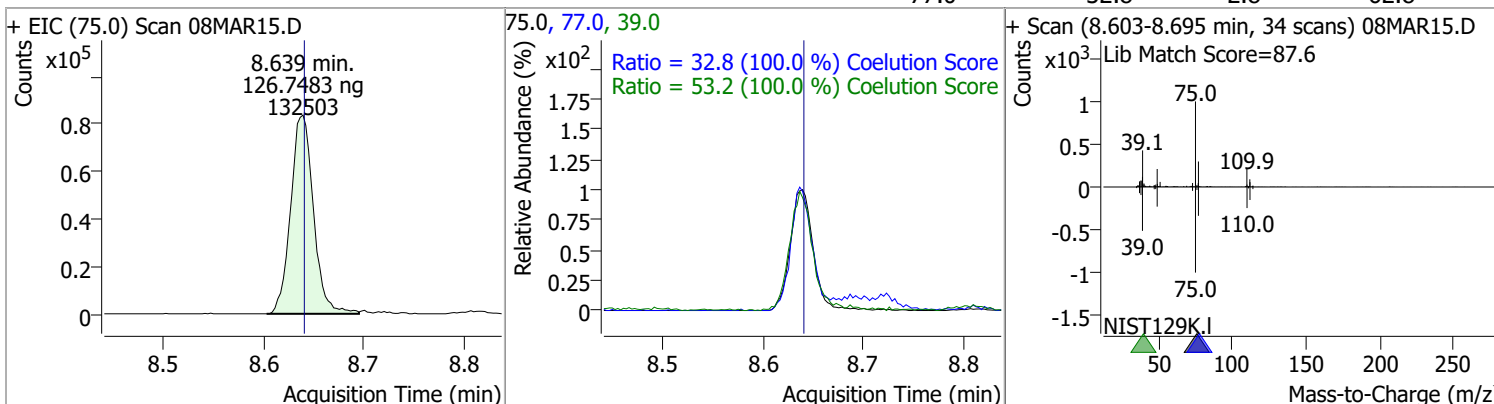


# Quantitation Results Report (QT Reviewed)

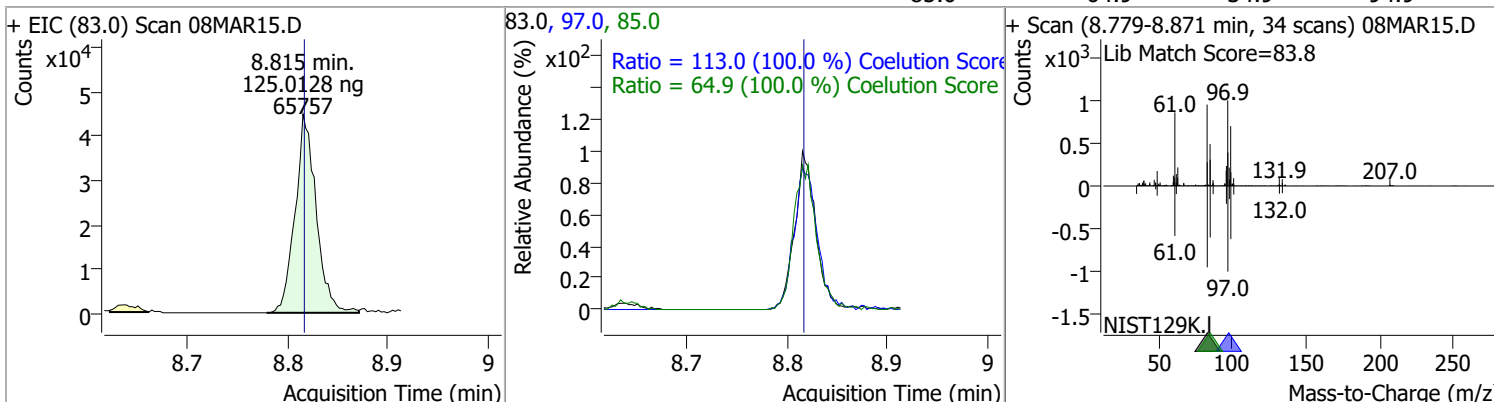
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	129.8766	8.39	0.00	346733	91.0	177.9	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	126.7483	8.64	0.00	132503	39.0 77.0	53.2 32.8	23.2 2.8	83.2 62.8

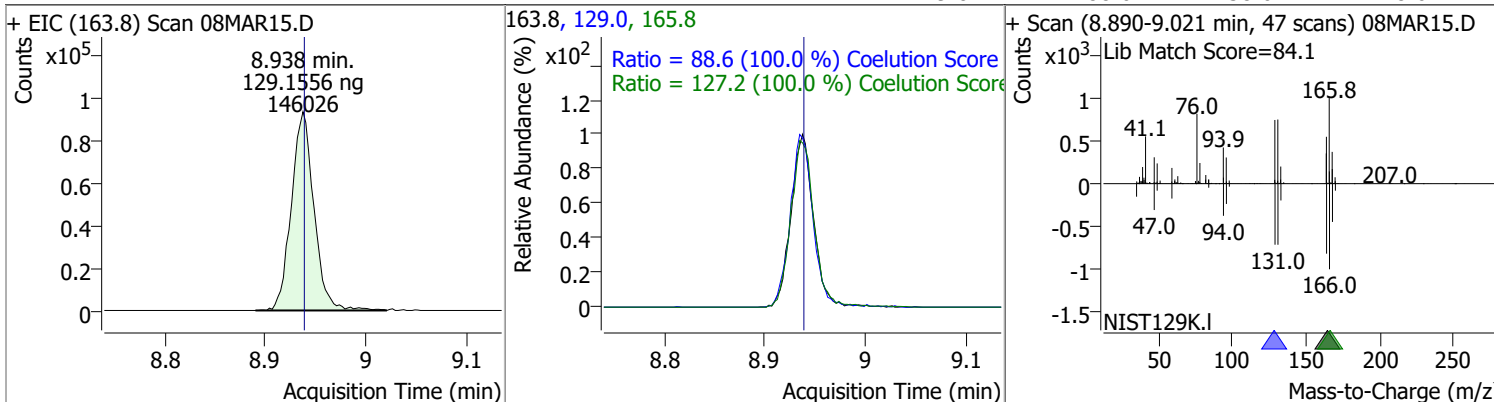


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	125.0128	8.82	0.00	65757	97.0 85.0	113.0 64.9	83.0 34.9	143.0 94.9

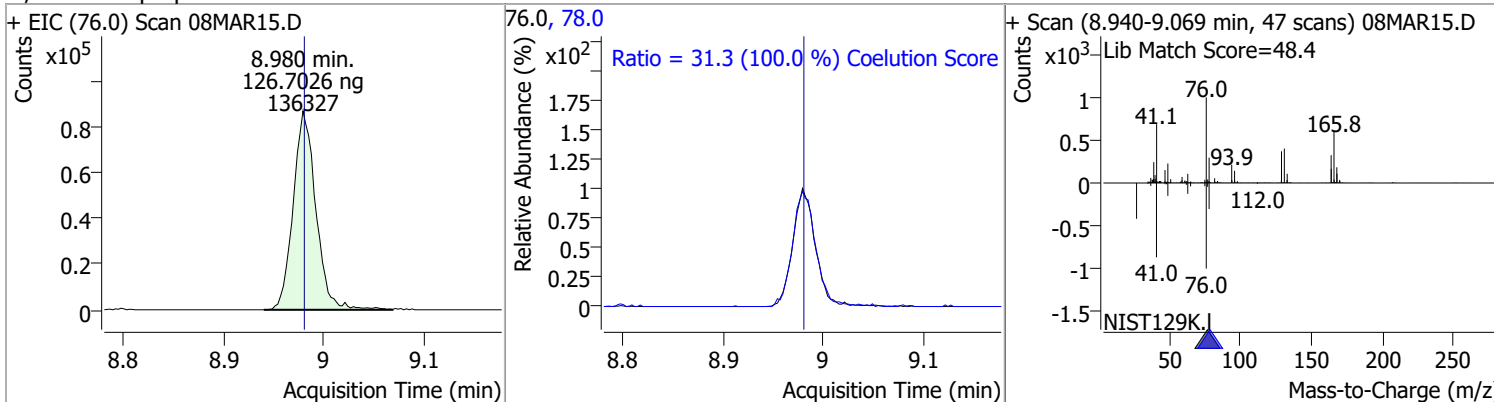


# Quantitation Results Report (QT Reviewed)

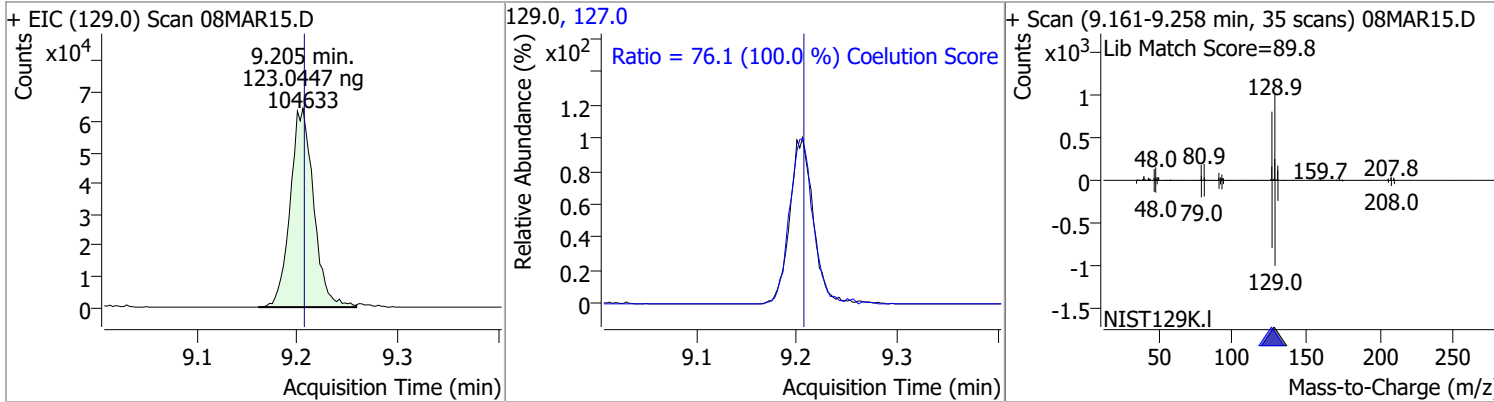
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	129.1556	8.94	0.00	146026	165.8	127.2	97.2	157.2
					129.0	88.6	58.6	118.6



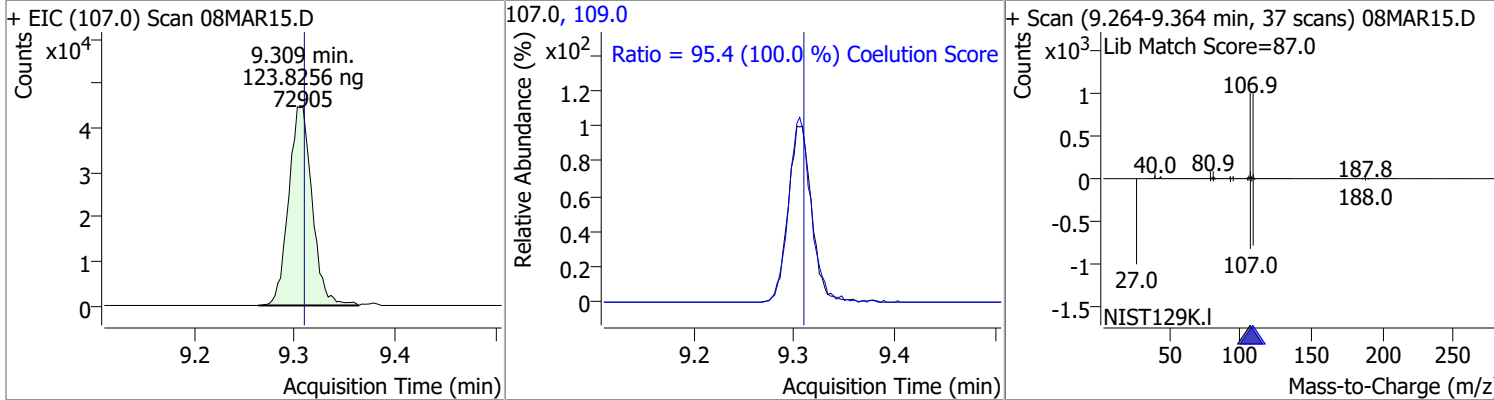
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	126.7026	8.98	0.00	136327	78.0	31.3	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	123.0447	9.21	0.00	104633	127.0	76.1	46.1	106.1



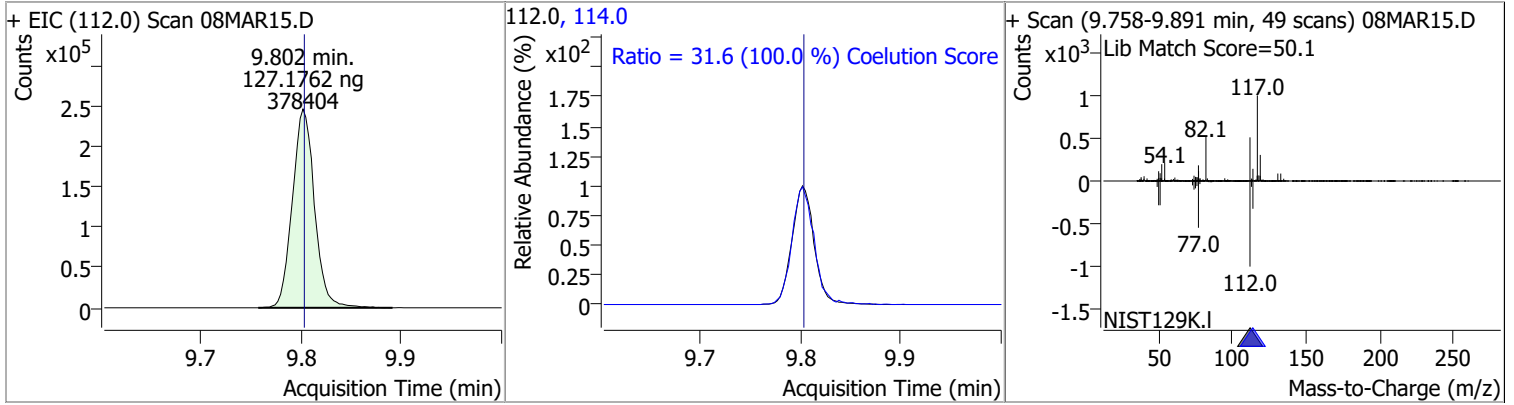
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	123.8256	9.31	0.00	72905	109.0	95.4	65.4	125.4



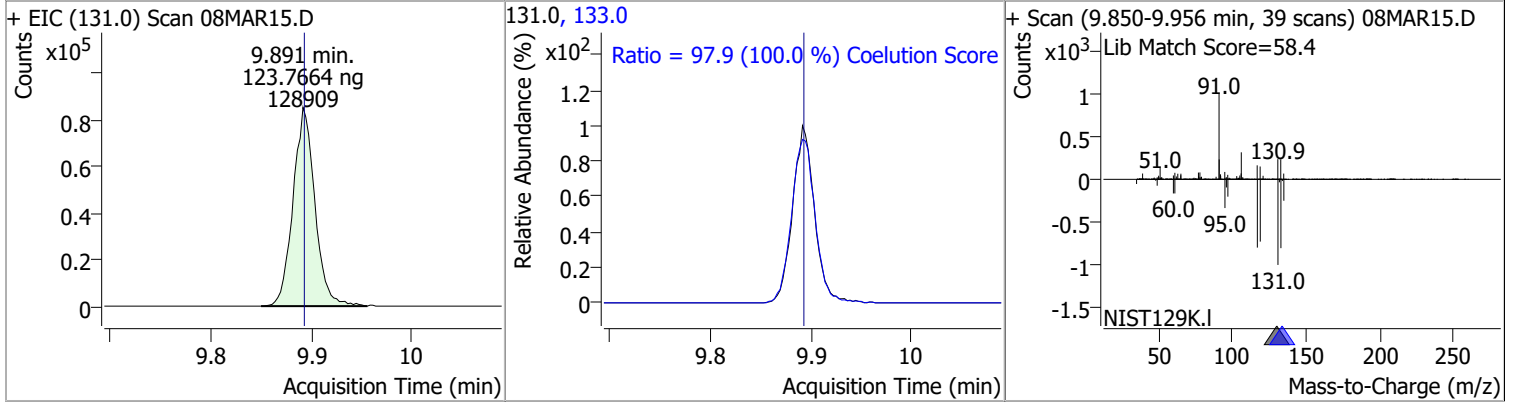


# Quantitation Results Report (QT Reviewed)

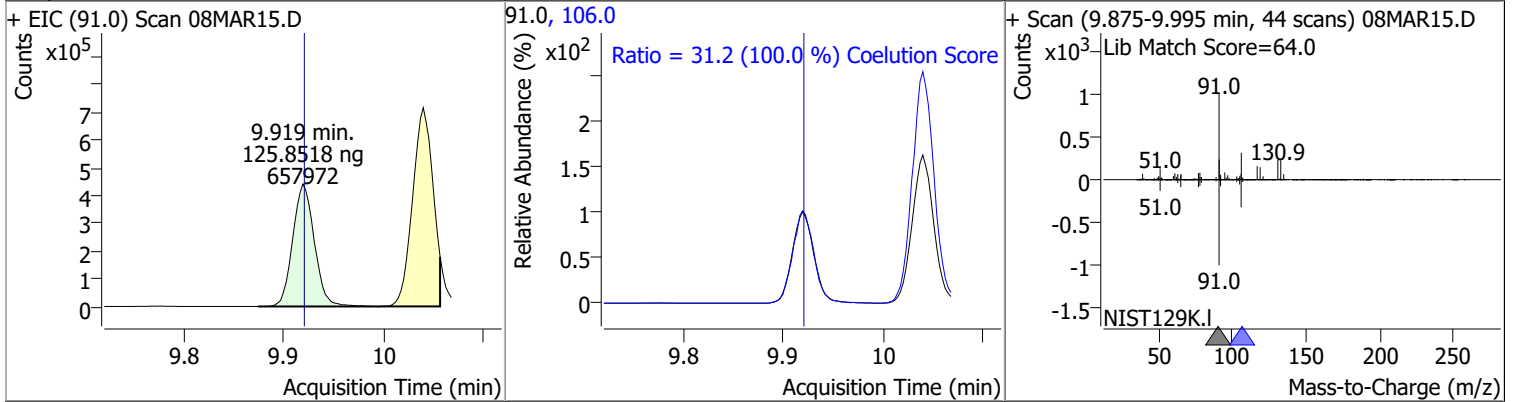
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	127.1762	9.80	0.00	378404	114.0	31.6	1.6	61.6



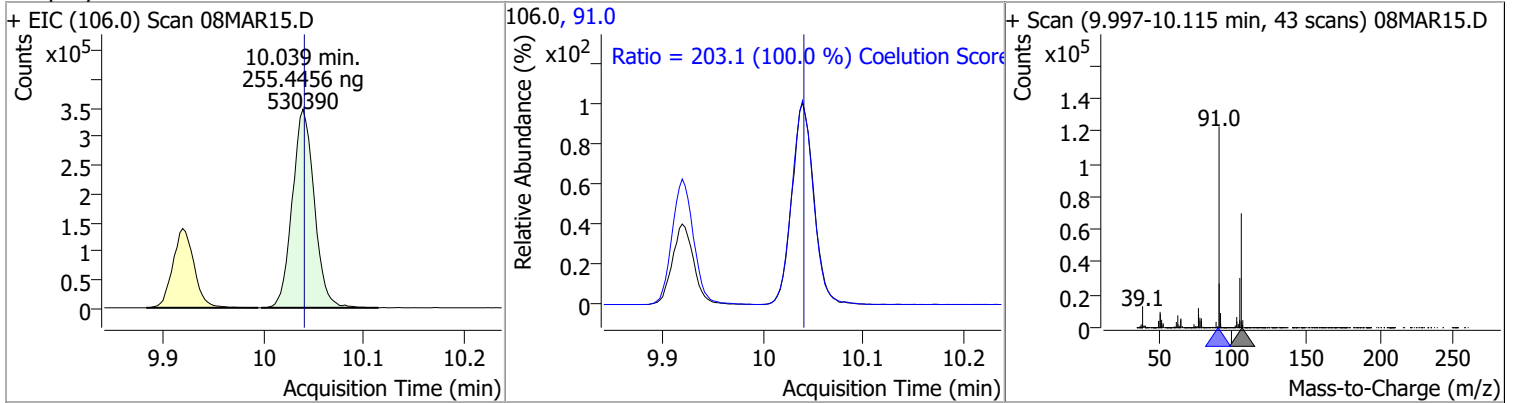
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	123.7664	9.89	0.00	128909	133.0	97.9	67.9	127.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	125.8518	9.92	0.00	657972	106.0	31.2	1.2	61.2

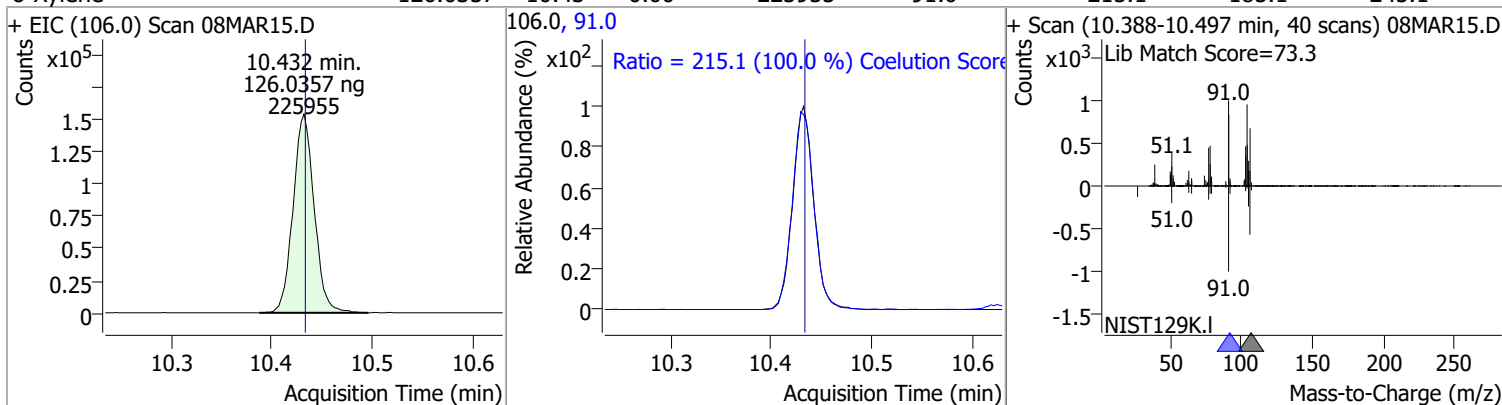


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	255.4456	10.04	0.00	530390	91.0	203.1	173.1	233.1

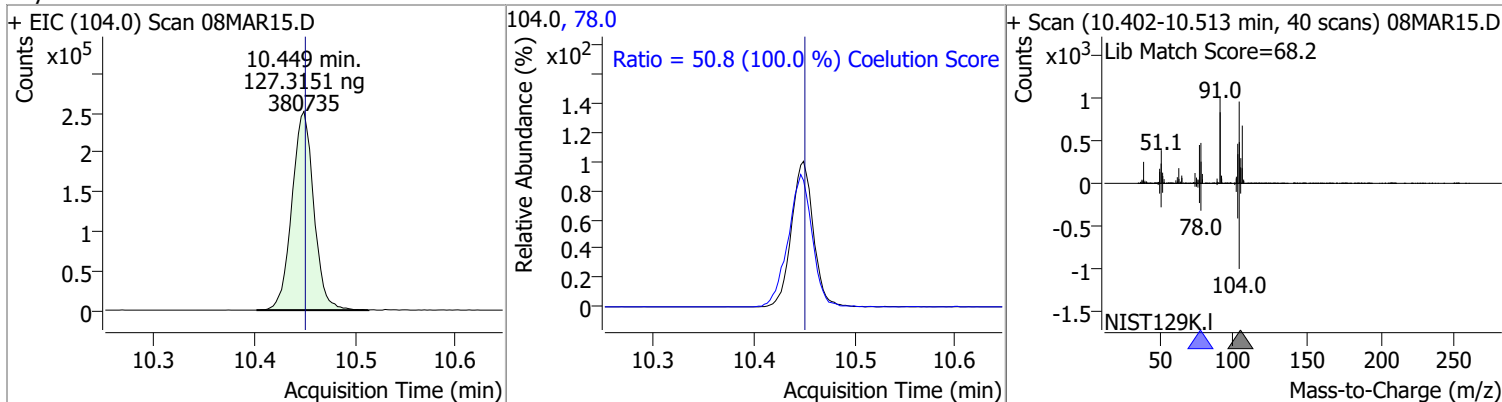


# Quantitation Results Report (QT Reviewed)

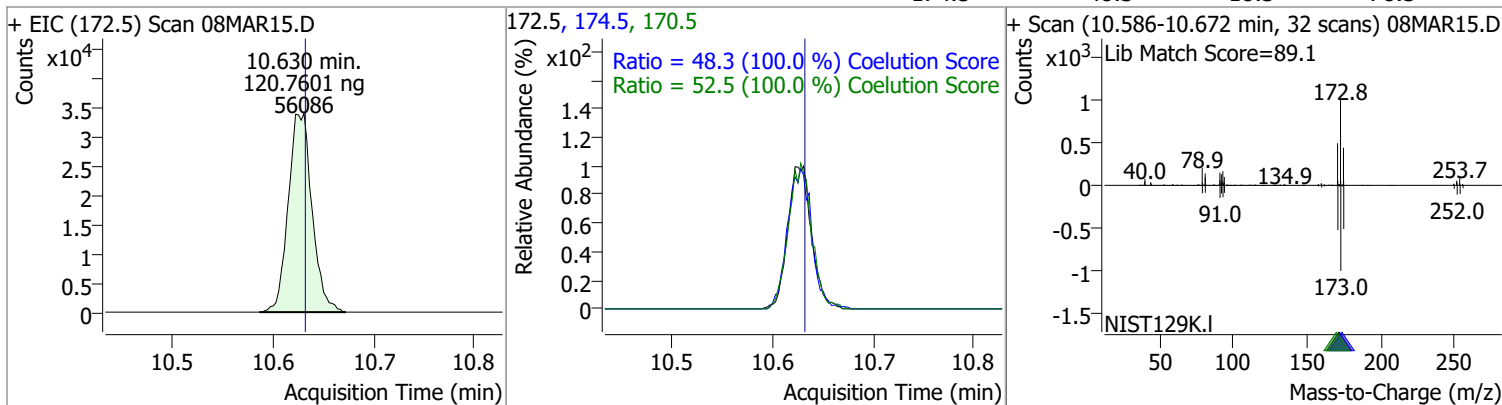
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	126.0357	10.43	0.00	225955	91.0	215.1	185.1	245.1



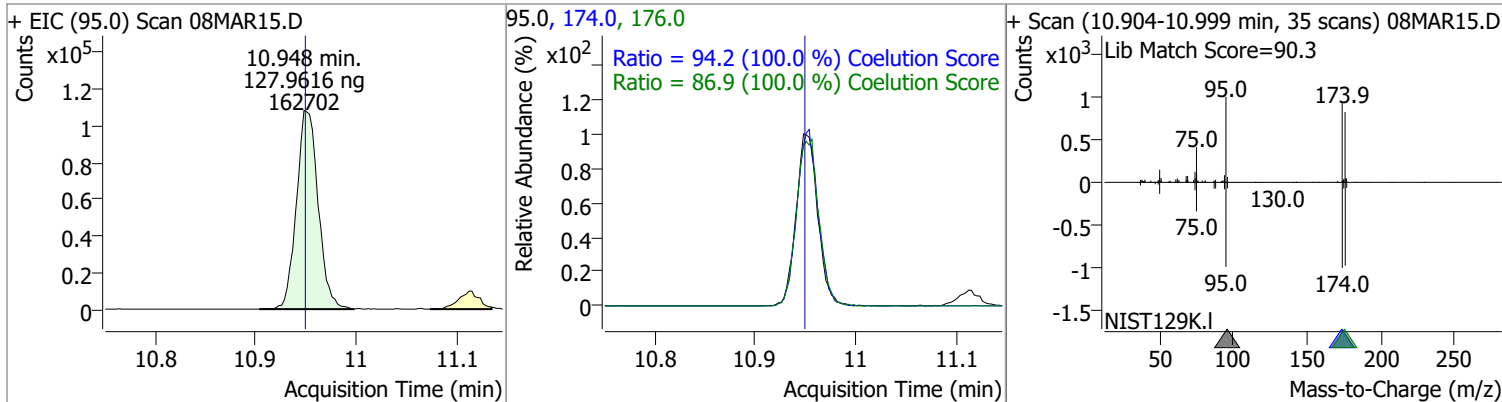
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	127.3151	10.45	0.00	380735	78.0	50.8	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	120.7601	10.63	0.00	56086	170.5	52.5	22.5	82.5
					174.5	48.3	18.3	78.3

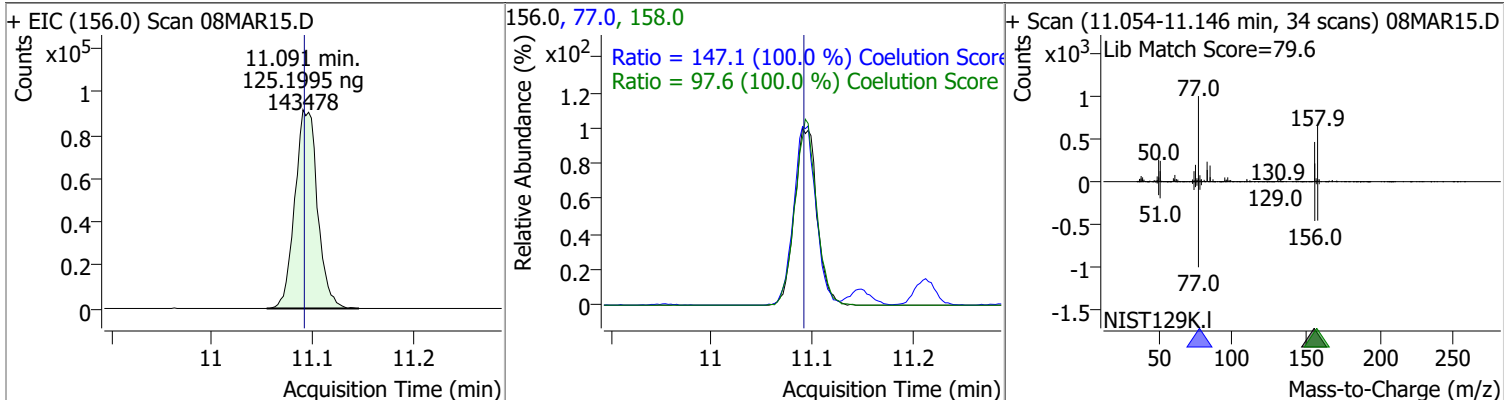


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	127.9616	10.95	0.00	162702	174.0	94.2	64.2	124.2
					176.0	86.9	56.9	116.9

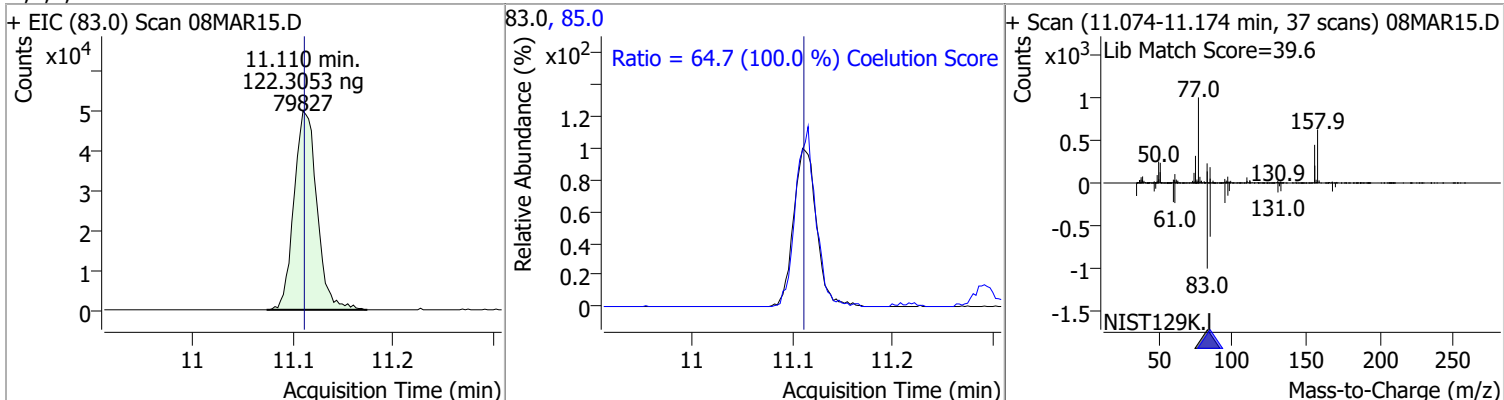


# Quantitation Results Report (QT Reviewed)

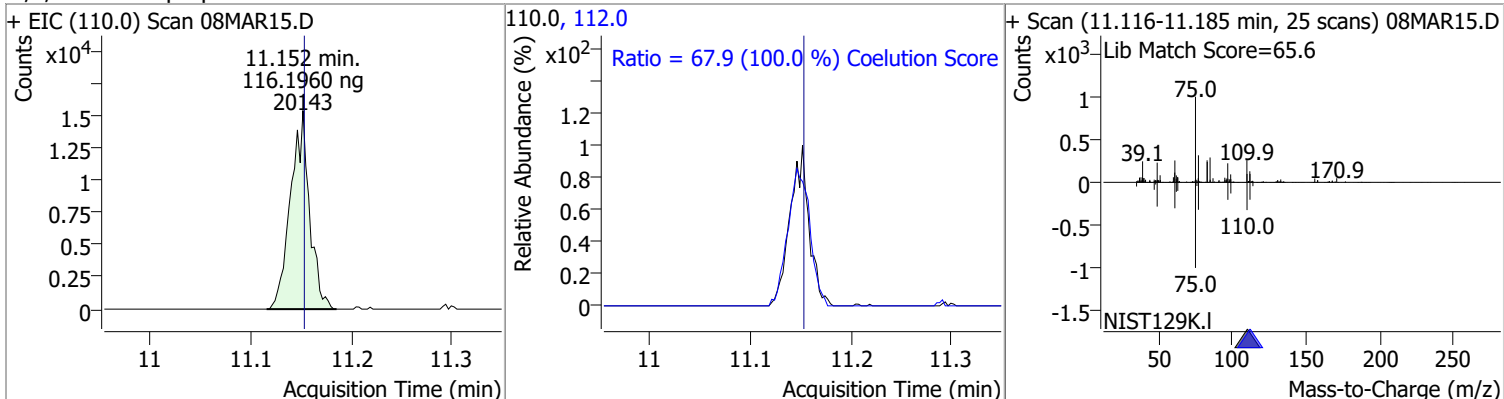
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	125.1995	11.09	0.00	143478	77.0	147.1	117.1	177.1
					158.0	97.6	67.6	127.6



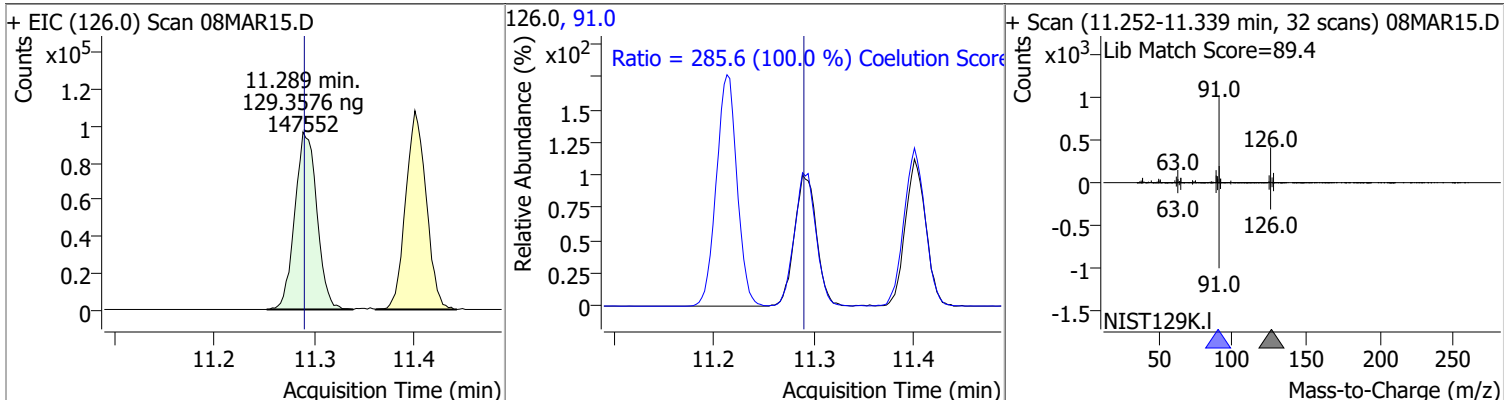
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	122.3053	11.11	0.00	79827	85.0	64.7	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	116.1960	11.15	0.00	20143	112.0	67.9	37.9	97.9

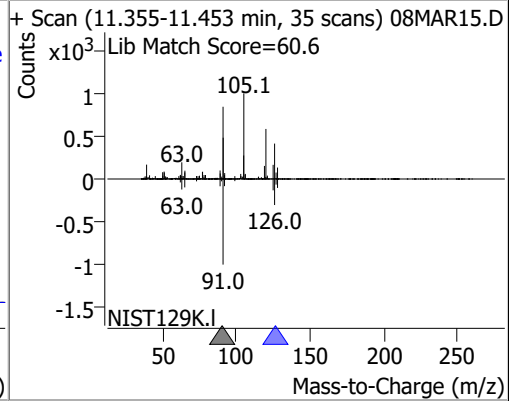
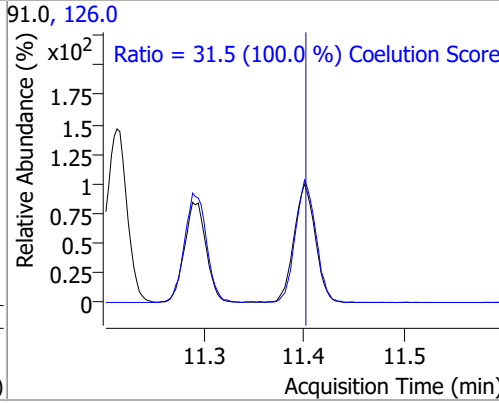
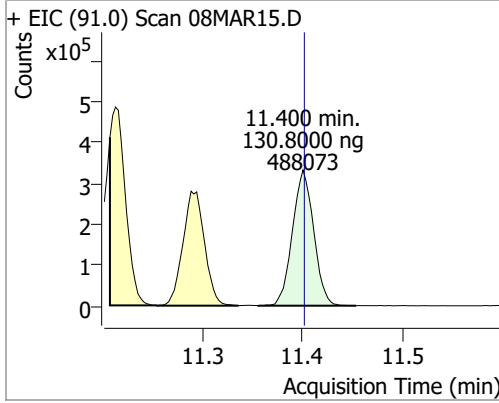


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	129.3576	11.29	0.00	147552	91.0	285.6	255.6	315.6

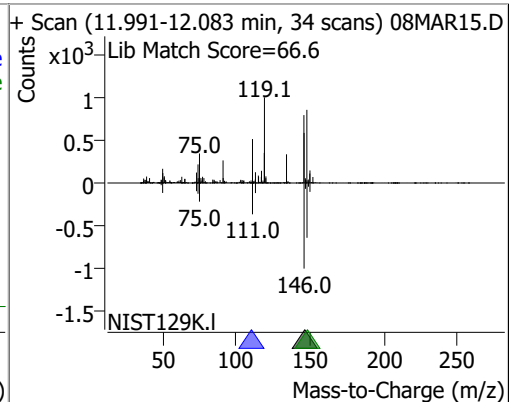
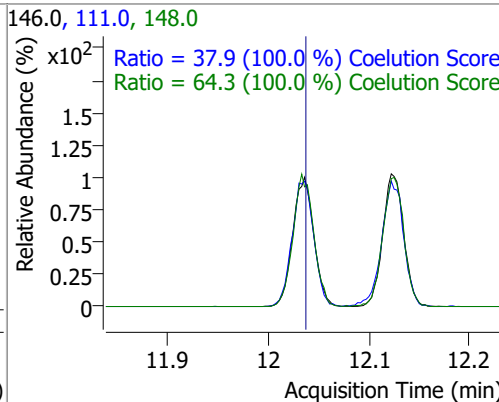
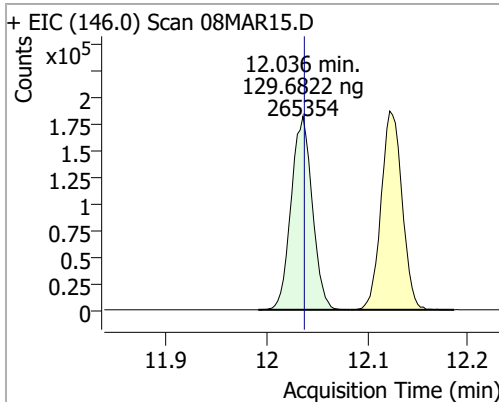


# Quantitation Results Report (QT Reviewed)

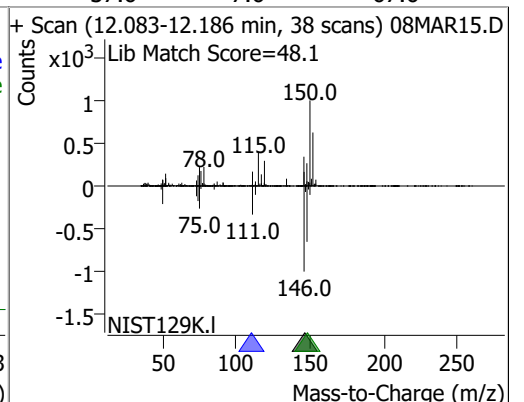
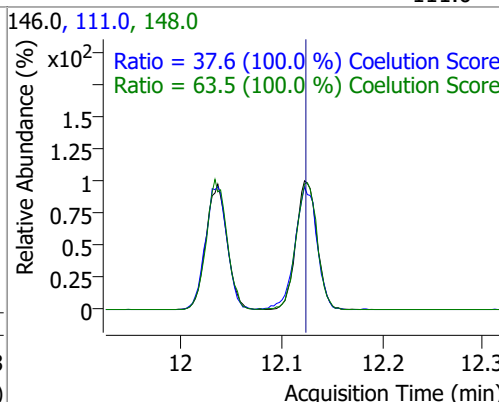
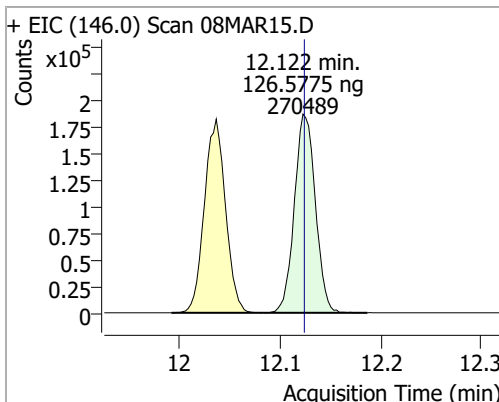
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	130.8000	11.40	0.00	488073	126.0	31.5	1.5	61.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	129.6822	12.04	0.00	265354	148.0	64.3	34.3	94.3
					111.0	37.9	7.9	67.9

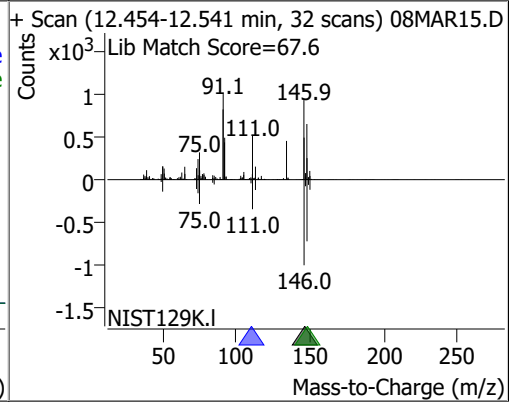
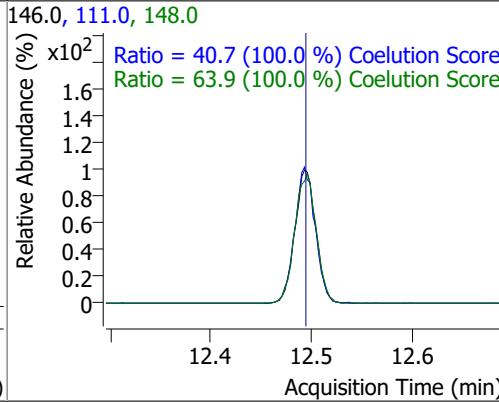
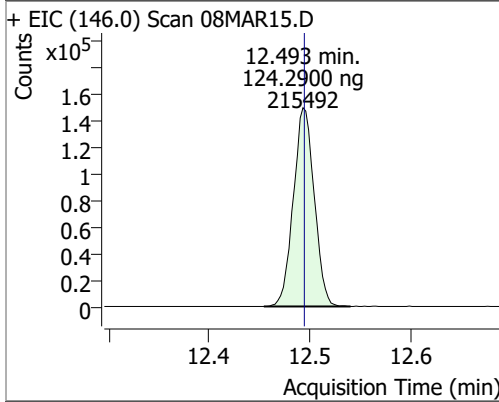


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	126.5775	12.12	0.00	270489	148.0	63.5	33.5	93.5
					111.0	37.6	7.6	67.6



# Quantitation Results Report (QT Reviewed)

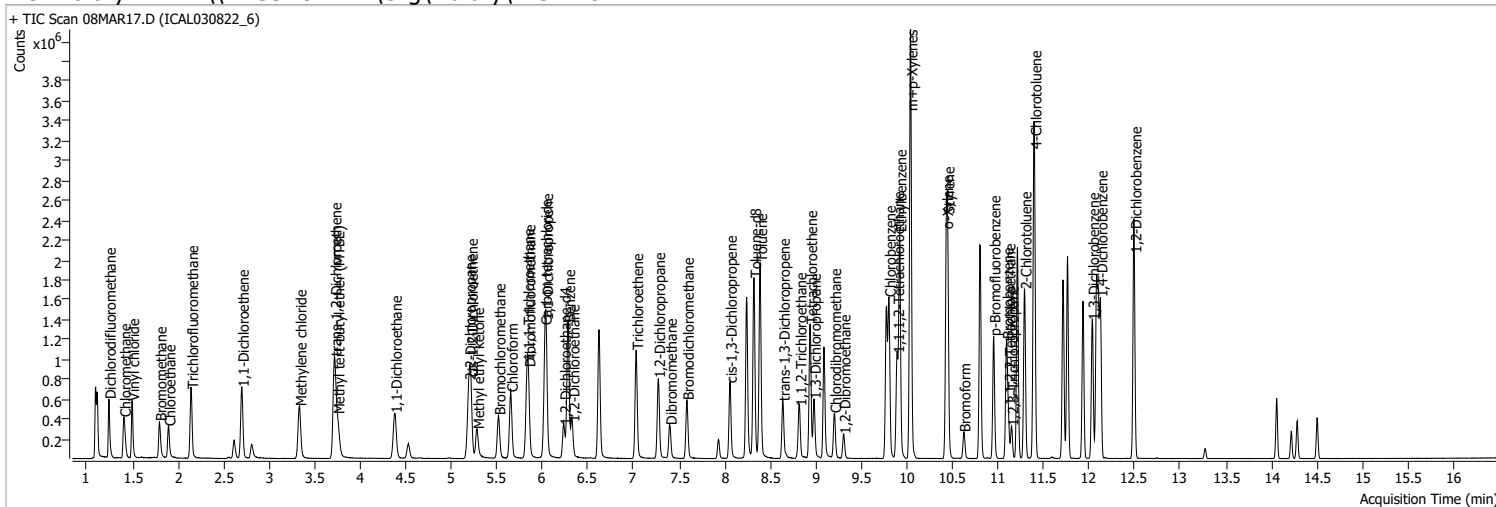
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	124.2900	12.49	0.00	215492	148.0	63.9	33.9	93.9
					111.0	40.7	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File 08MAR17.D  
 Acq. Method 5975CACQF.M  
 Sample Name ICAL030822\_6  
 Vial 17  
 DA Method File VOA5975C\_8260B\_SHT\_DoD\_030822.m  
 Tune File BFB\_Atune3.u  
 Batch Name VG030822\_8260B.batch.bin  
 Ref Library \\MASSHUNTER\Org\Library\NIST129K.I

Operator MSC  
 Acq. Date-Time 3/8/2022 6:02:07 PM  
 Instrument VOA5975C  
 Multiplier 1.00  
 Comment  
 Tune Date 10/11/2021 4:02:00 PM  
 Last Calib Update 3/9/2022 9:53:53 AM



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.621	96.0	1077664	250.0000	ng	0.000
M Chlorobenzene-d5	9.772	82.0	414772	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	352530	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	274056	250.2806	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.11%		
S 1,2-Dichloroethane-d4	6.236	67.0	122656	250.9494	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 100.38%		
S Toluene-d8	8.322	98.0	1111325	251.2349	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 100.49%		
S p-Bromofluorobenzene	10.951	95.0	338763	260.6088	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.24%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	398107	255.8168	ng	98
T Chloromethane	1.406	50.0	444235	246.2640	ng	99
T Vinyl chloride	1.495	62.0	415168	254.7759	ng	100
T Bromomethane	1.796	96.0	188489	260.2968	ng	100
T Chloroethane	1.897	64.0	222428	258.0795	ng	99
T Trichlorofluoromethane	2.145	101.0	489590	238.1471	ng	100
T 1,1-Dichloroethene	2.700	96.0	248711	227.4671	ng	96
T Methylene chloride	3.333	49.0	393031	236.7238	ng	99
T trans-1,2-Dichloroethene	3.718	96.0	284309	249.7695	ng	98
T Methyl tert-butyl ether (MTBE)	3.751	73.0	373038	263.0303	ng	100
T 1,1-Dichloroethane	4.378	63.0	550272	252.3904	ng	97
T 2,2-Dichloropropane	5.190	77.0	418825	249.2533	ng	99
T cis-1,2-Dichloroethene	5.215	96.0	294673	255.9888	ng	98
T Methyl ethyl ketone	5.282	43.0	406488	2686.6395	ng	98
T Bromochloromethane	5.516	128.0	118156	257.4514	ng	100
T Chloroform	5.653	83.0	527346	246.8306	ng	99

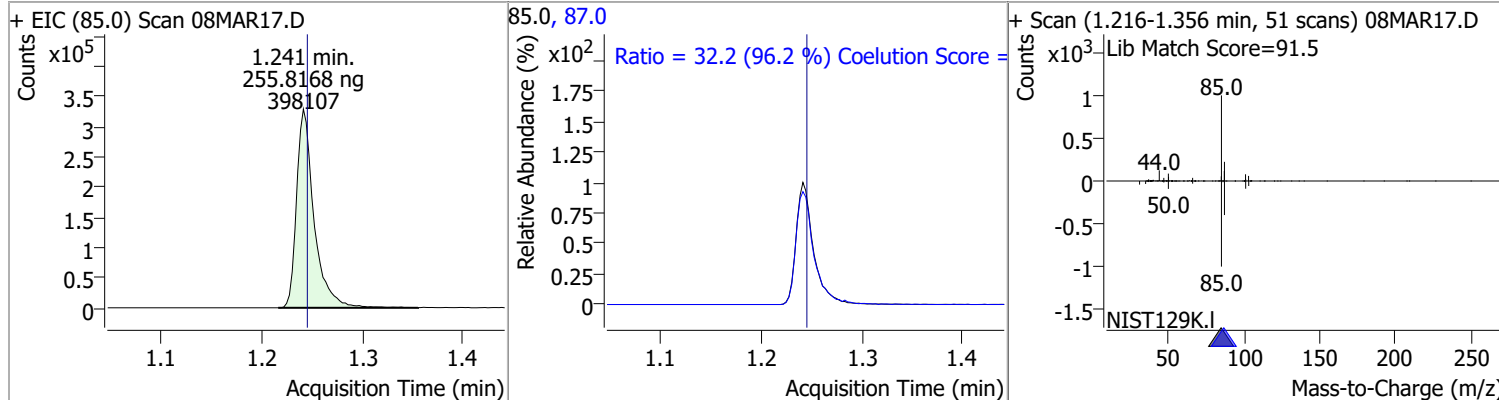
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	516713	249.4348	ng	99
T Carbon tetrachloride	6.027	117.0	508917	248.8692	ng	97
T 1,1-Dichloropropene	6.041	75.0	446584	265.6817	ng	98
T Benzene	6.280	78.0	1135476	259.1161	ng	99
T 1,2-Dichloroethane	6.328	62.0	305063	257.6177	ng	98
T Trichloroethene	7.028	95.0	326604	251.6861	ng	98
T 1,2-Dichloropropane	7.270	63.0	282187	249.5896	ng	98
T Dibromomethane	7.396	93.0	117630	245.7336	ng	98
T Bromodichloromethane	7.585	83.0	340614	254.7853	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	377081	258.9040	ng	99
T Toluene	8.389	92.0	725596	265.1424	ng	97
T trans-1,3-Dichloropropene	8.637	75.0	276356	257.8897	ng	98
T 1,1,2-Trichloroethane	8.821	83.0	135915	252.0742	ng	99
T Tetrachloroethene	8.938	163.8	293221	253.0036	ng	99
T 1,3-Dichloropropane	8.980	76.0	282054	255.7317	ng	99
T Chlorodibromomethane	9.203	129.0	220148	252.5561	ng	97
T 1,2-Dibromoethane	9.303	107.0	150532	249.4196	ng	98
T Chlorobenzene	9.802	112.0	765991	251.1438	ng	98
T 1,1,1,2-Tetrachloroethane	9.894	131.0	267390	250.4455	ng	99
T Ethylbenzene	9.920	91.0	1400448	254.8393	ng	99
T m+p-Xylenes	10.039	106.0	1101974	507.9609	ng	100
T o-Xylene	10.430	106.0	481170	254.2204	ng	99
T Styrene	10.447	104.0	803179	255.7759	ng	99
T Bromoform	10.622	172.5	115553	243.3642	ng	99
T Bromobenzene	11.094	156.0	303099	258.7071	ng	96
T 1,1,2,2-Tetrachloroethane	11.113	83.0	166768	249.9278	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	44177	249.2699	ng	90
T 2-Chlorotoluene	11.289	126.0	307199	263.4347	ng	98
T 4-Chlorotoluene	11.400	91.0	1021389	267.7444	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	539560	257.9294	ng	99
T 1,4-Dichlorobenzene	12.123	146.0	547829	250.7602	ng	99
T 1,2-Dichlorobenzene	12.496	146.0	447443	252.4347	ng	99

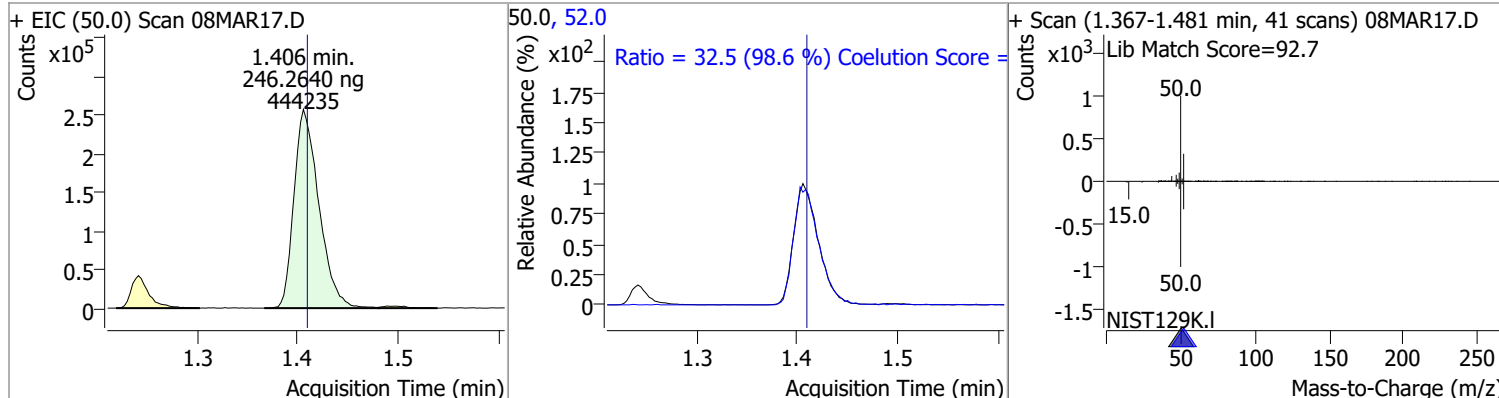
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

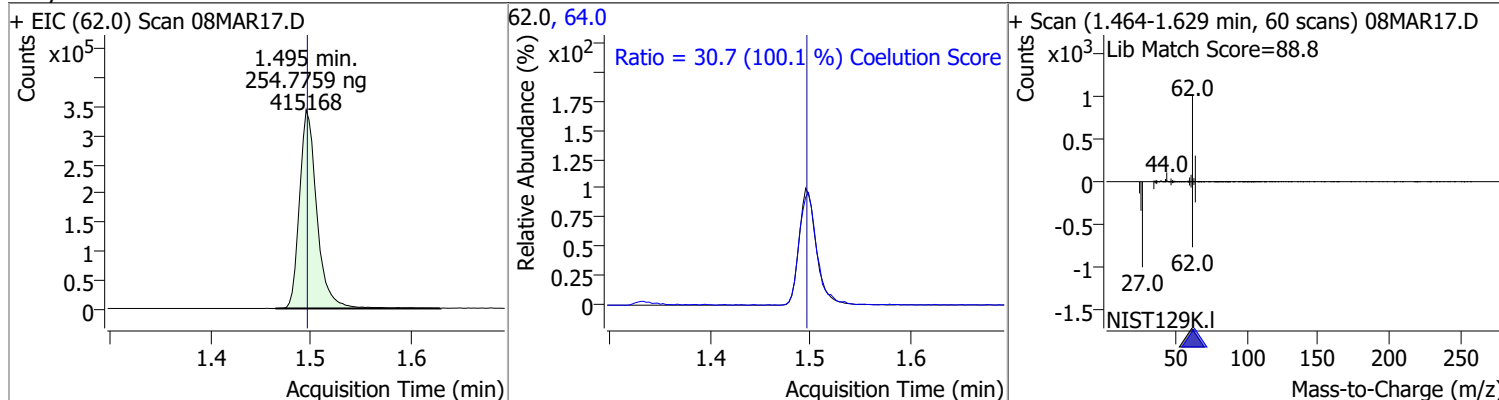
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	255.8168	1.24	0.00	398107	87.0	32.2	3.5	63.5



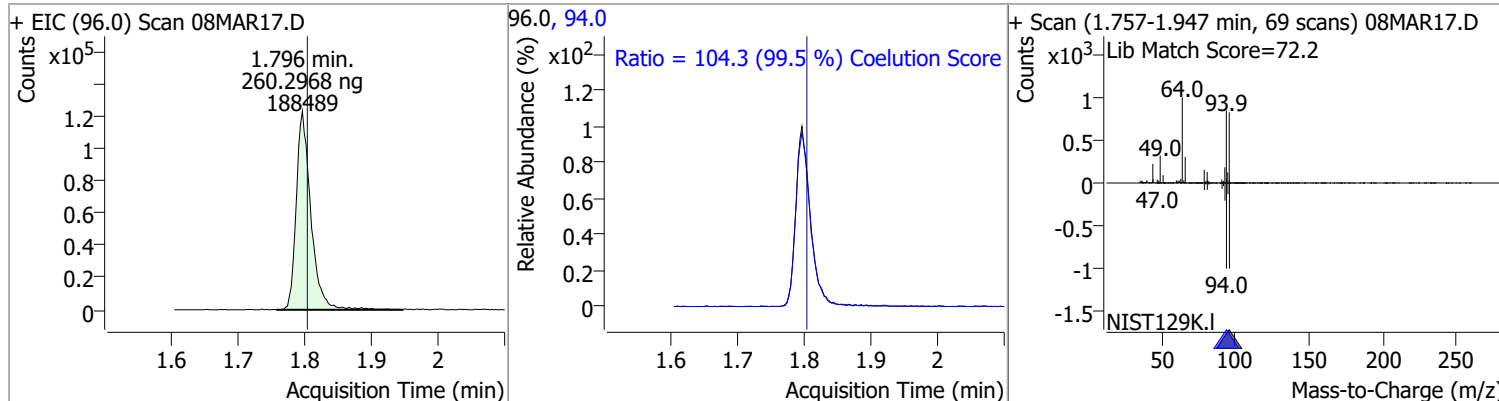
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	246.2640	1.41	0.00	444235	52.0	32.5	3.0	63.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	254.7759	1.50	0.00	415168	64.0	30.7	0.6	60.6



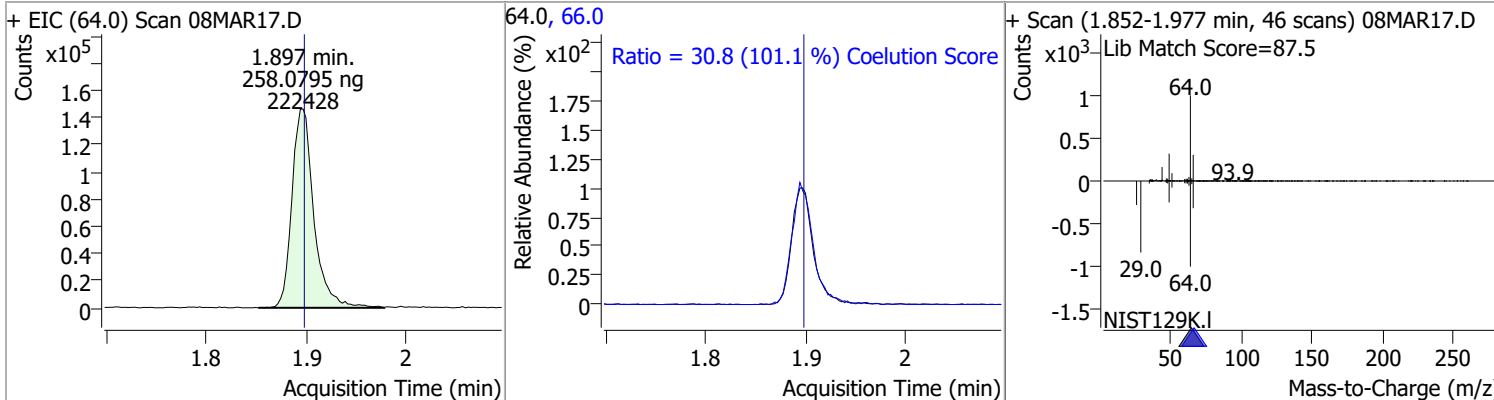
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	260.2968	1.80	-0.01	188489	94.0	104.3	74.8	134.8



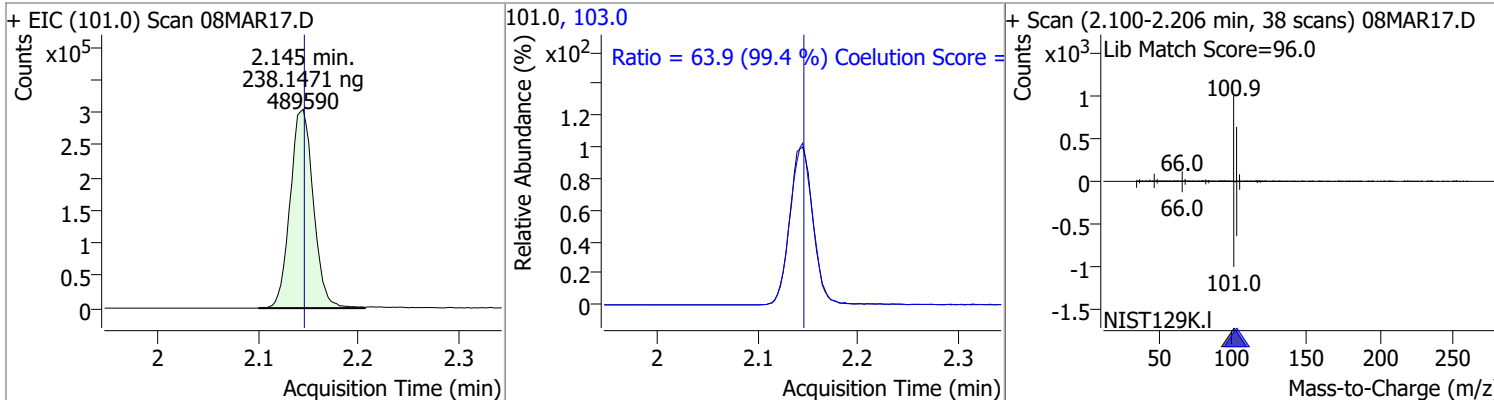


# Quantitation Results Report (QT Reviewed)

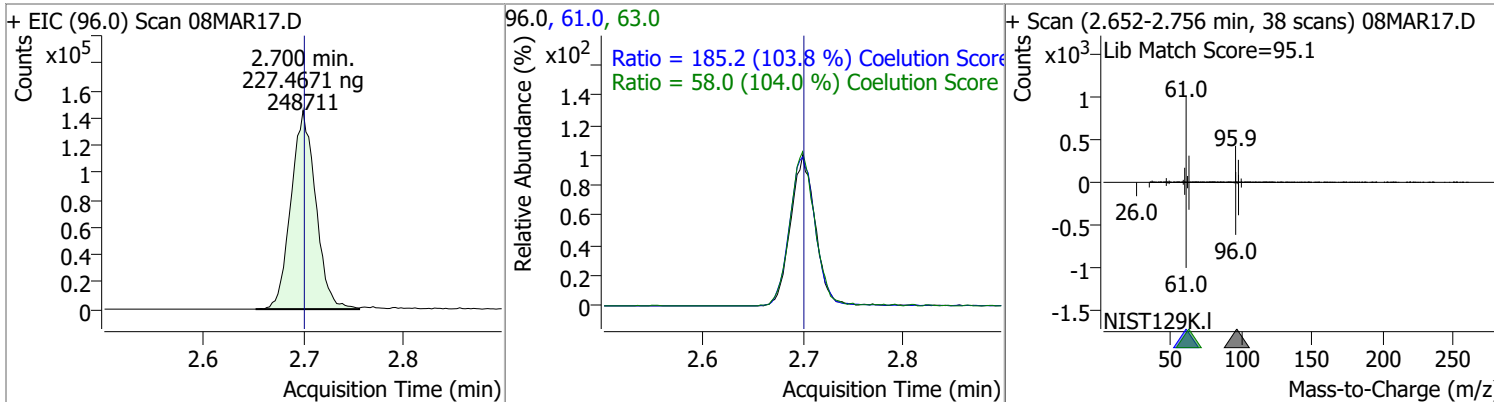
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	258.0795	1.90	0.00	222428	66.0	30.8	0.4	60.4



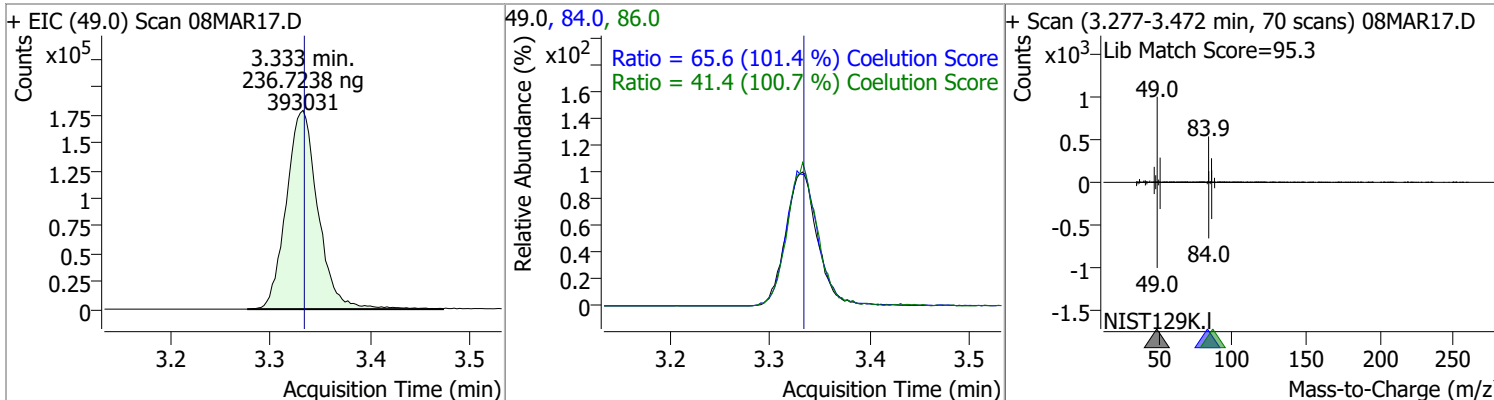
Trichlorofluoromethane	238.1471	2.14	0.00	489590	103.0	63.9	34.3	94.3
------------------------	----------	------	------	--------	-------	------	------	------



1,1-Dichloroethene	227.4671	2.70	0.00	248711	61.0	185.2	148.4	208.4
					63.0	58.0	25.7	85.7

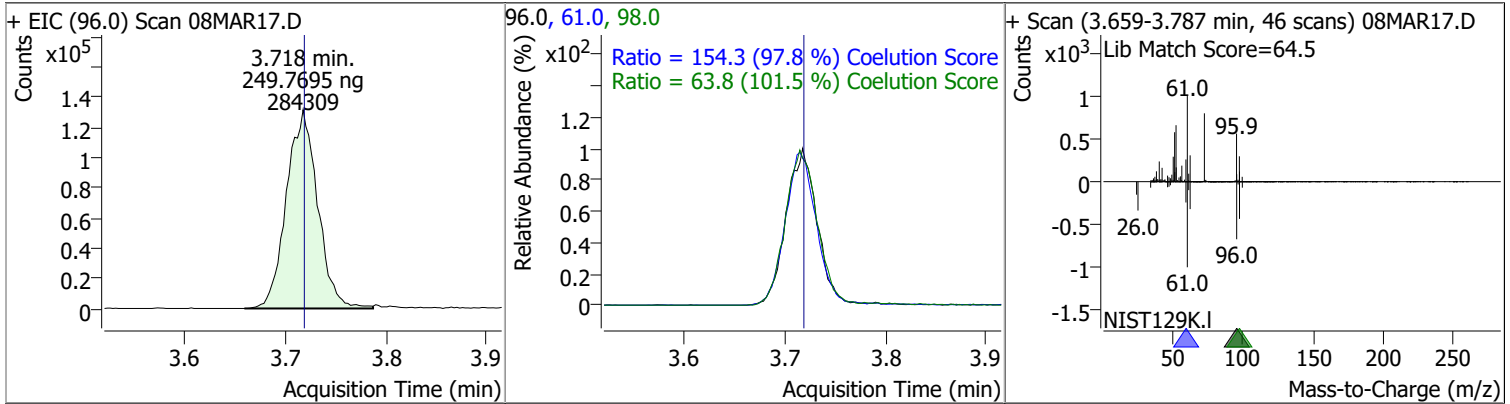


Methylene chloride	236.7238	3.33	0.00	393031	84.0	65.6	34.7	94.7
					86.0	41.4	11.1	71.1

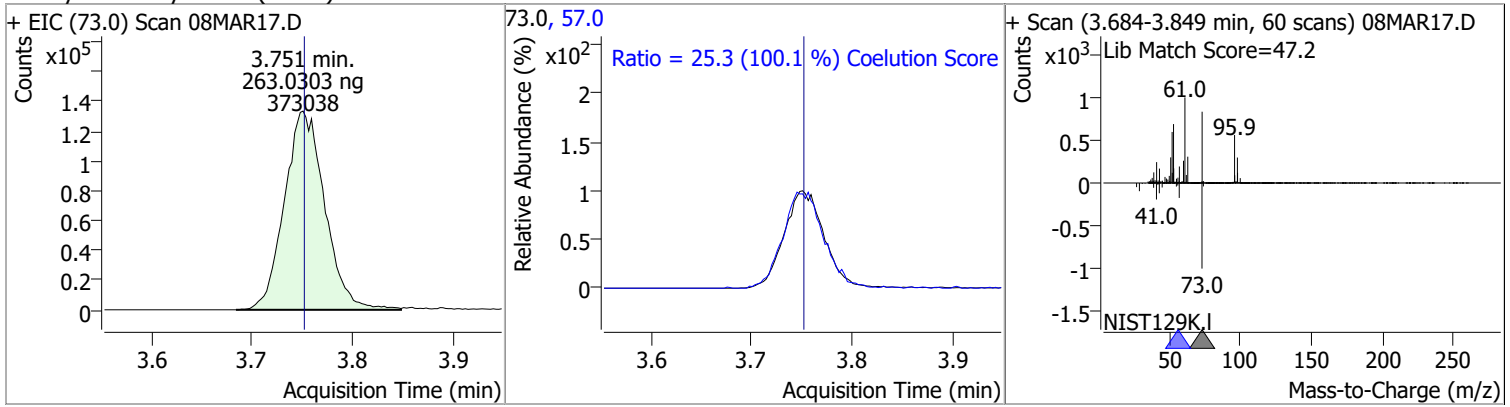


# Quantitation Results Report (QT Reviewed)

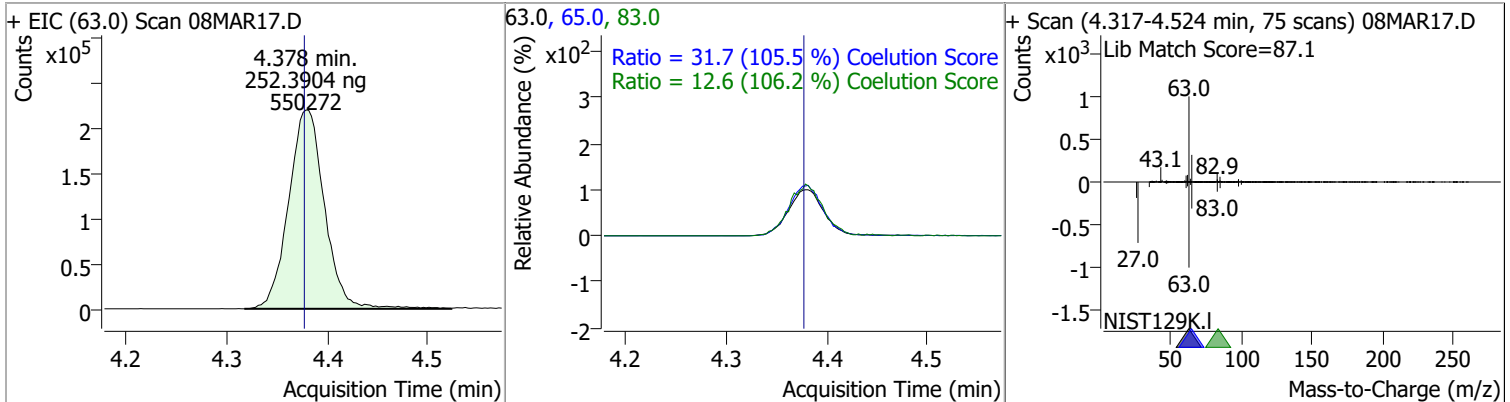
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	249.7695	3.72	0.00	284309	61.0	154.3	127.7	187.7
					98.0	63.8	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	263.0303	3.75	0.00	373038	57.0	25.3	0.0	55.3

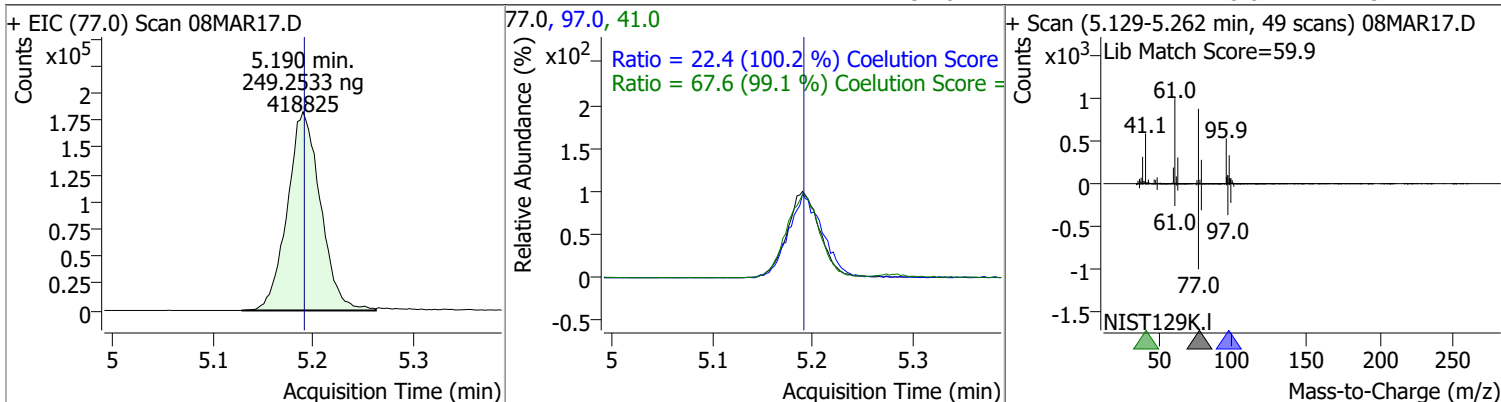


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	252.3904	4.38	0.00	550272	65.0	31.7	0.1	60.1
					83.0	12.6	0.0	41.9

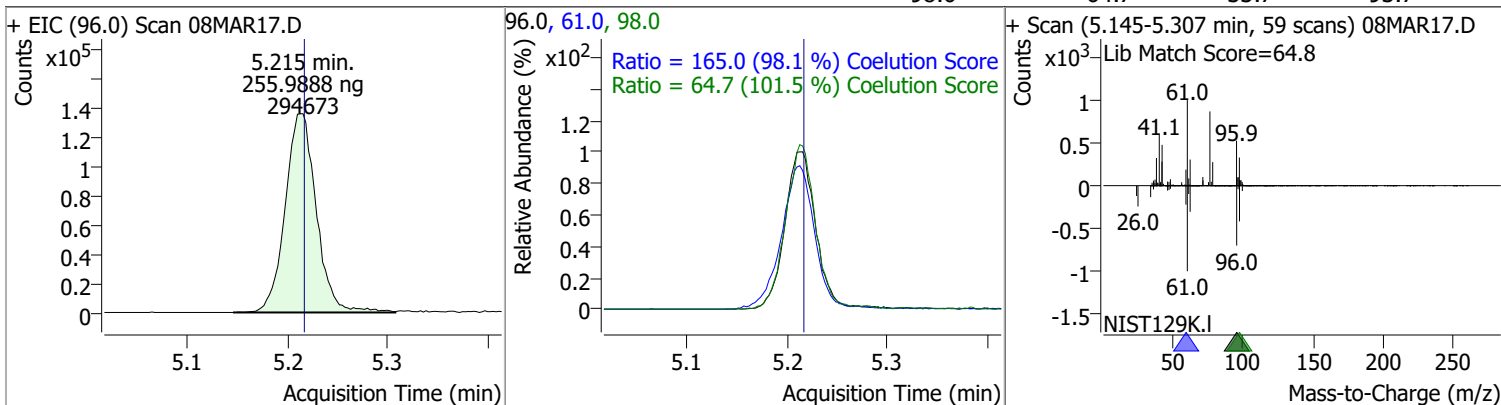


# Quantitation Results Report (QT Reviewed)

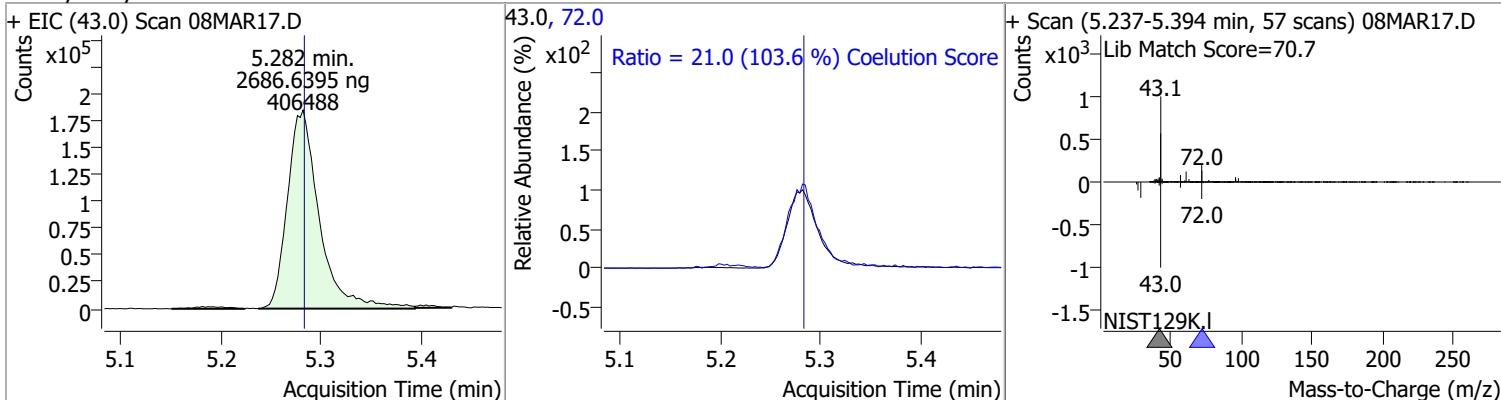
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	249.2533	5.19	0.00	418825	41.0	67.6	38.2	98.2
					97.0	22.4	0.0	52.4



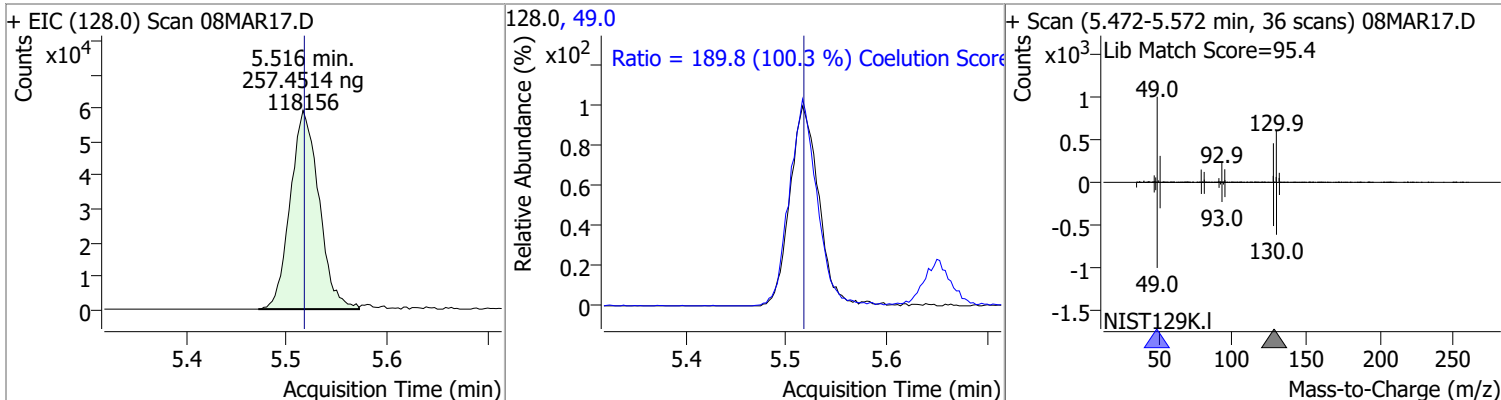
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	255.9888	5.22	0.00	294673	61.0	165.0	138.1	198.1
					98.0	64.7	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	2686.6395	5.28	0.00	406488	72.0	21.0	0.0	50.3

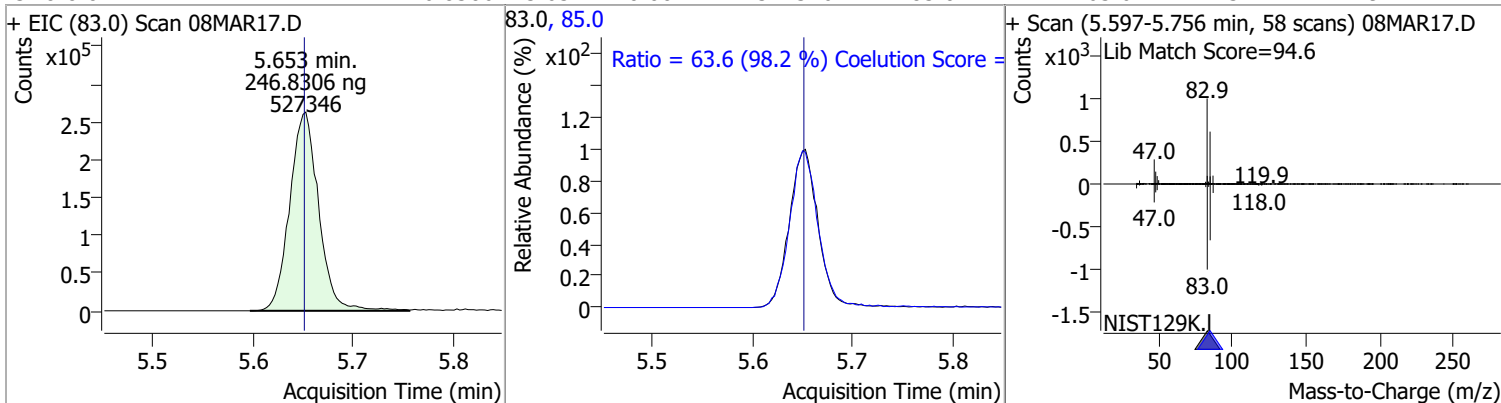


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	257.4514	5.52	0.00	118156	49.0	189.8	159.1	219.1

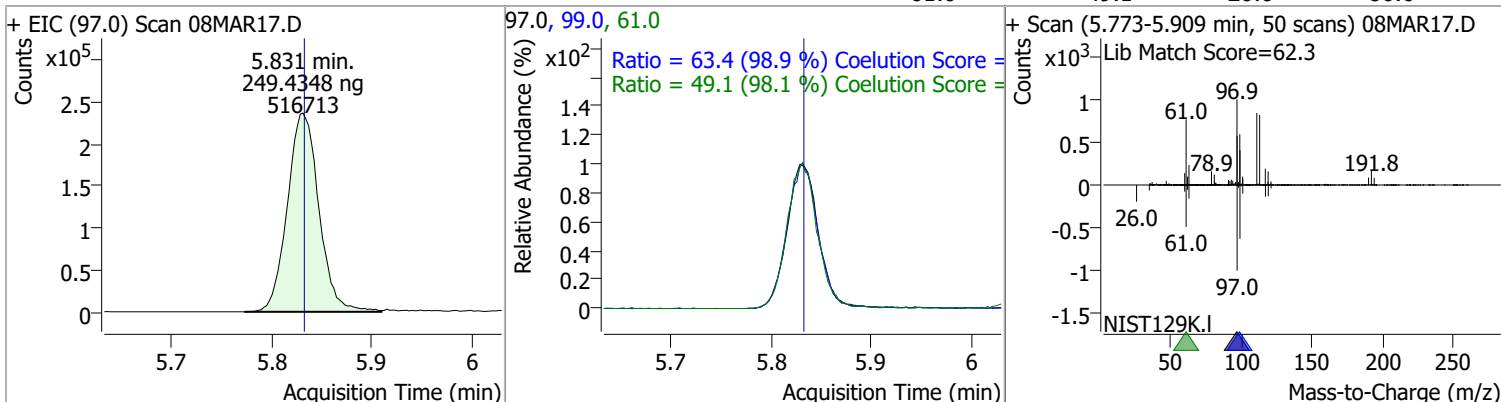


# Quantitation Results Report (QT Reviewed)

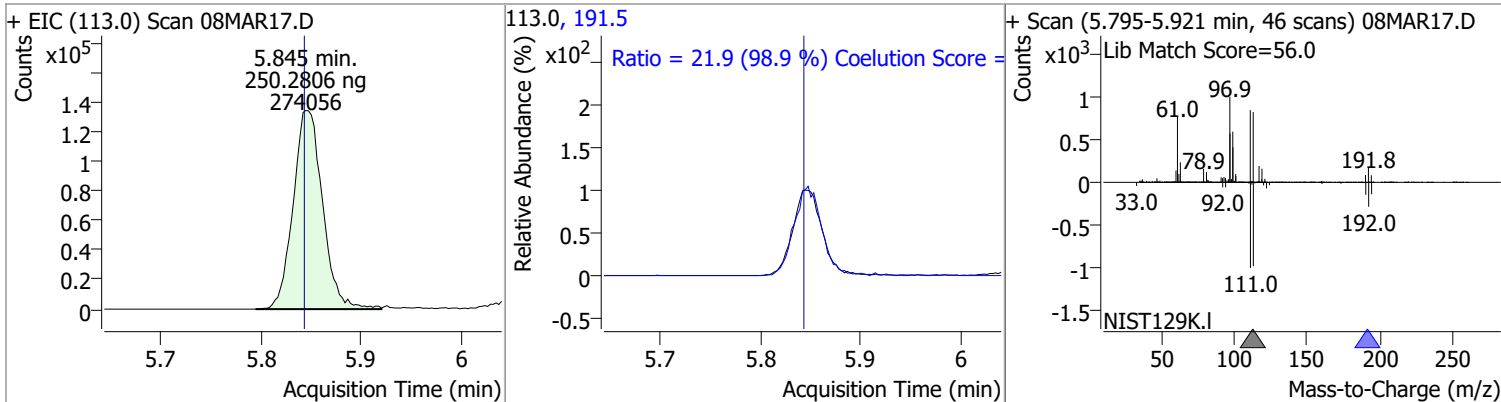
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	246.8306	5.65	0.00	527346	85.0	63.6	34.7	94.7



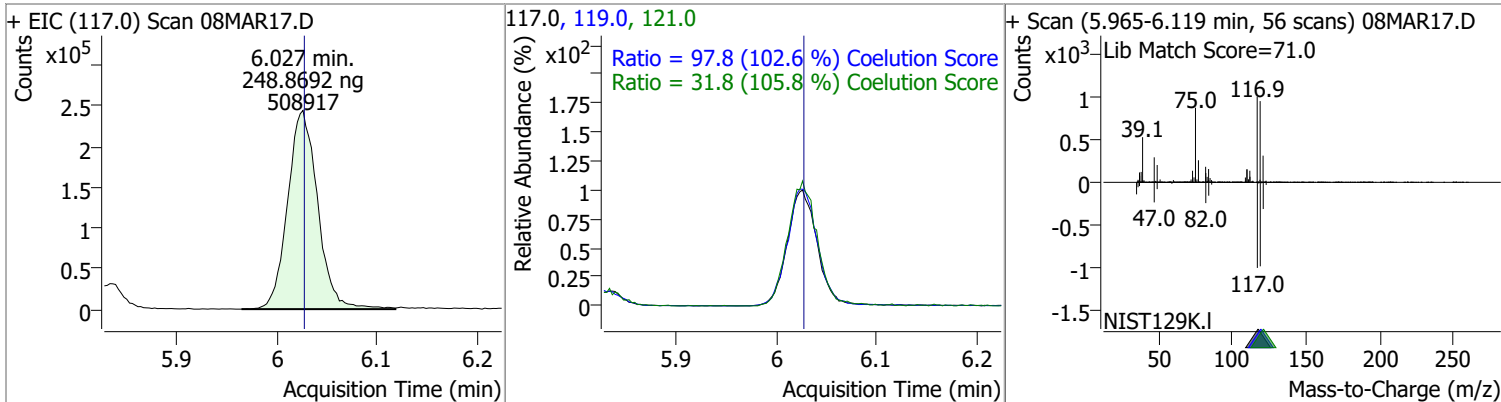
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	249.4348	5.83	0.00	516713	99.0	63.4	34.2	94.2
					61.0	49.1	20.0	80.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	250.2806	5.85	0.00	274056	191.5	21.9	0.0	52.2

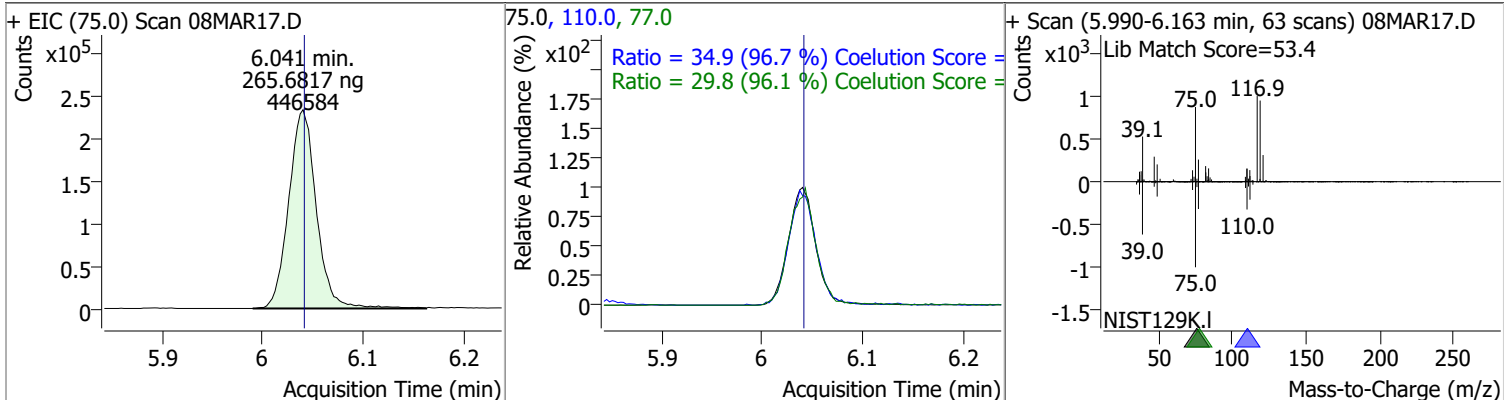


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	248.8692	6.03	0.00	508917	119.0	97.8	65.3	125.3
					121.0	31.8	0.1	60.1

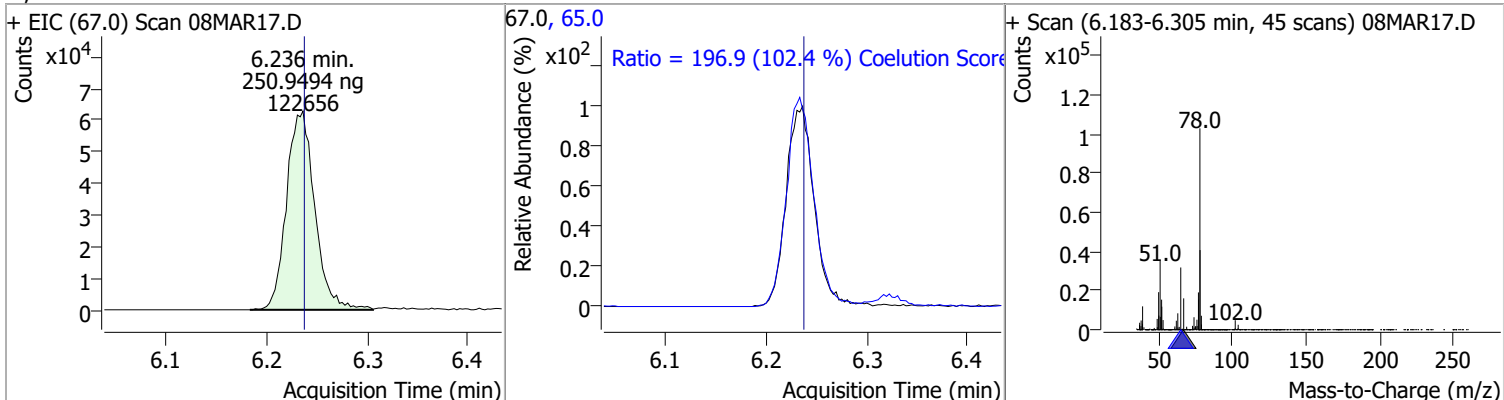


# Quantitation Results Report (QT Reviewed)

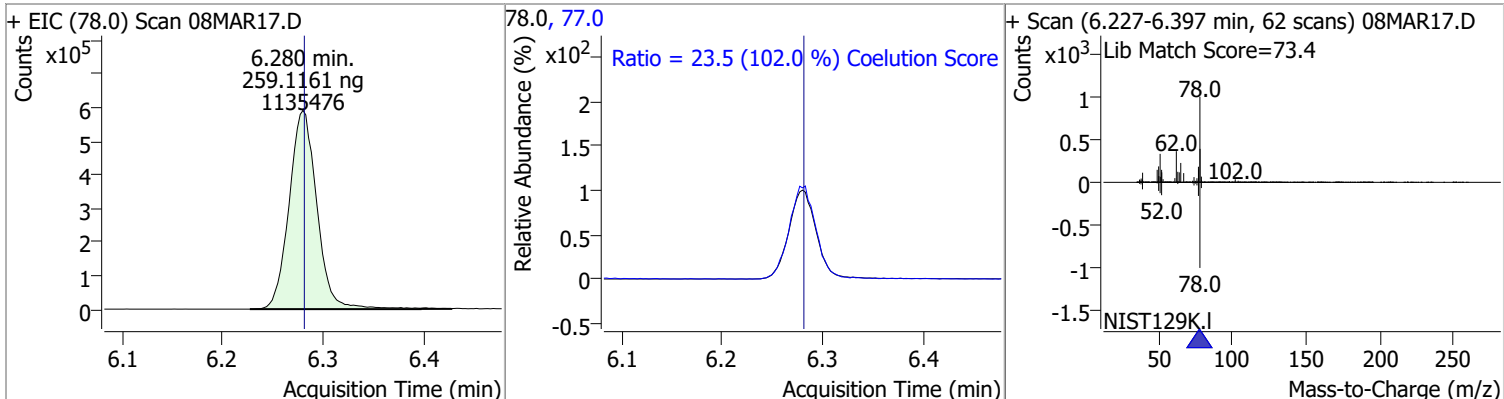
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	265.6817	6.04	0.00	446584	110.0	34.9	6.1	66.1
					77.0	29.8	1.1	61.1



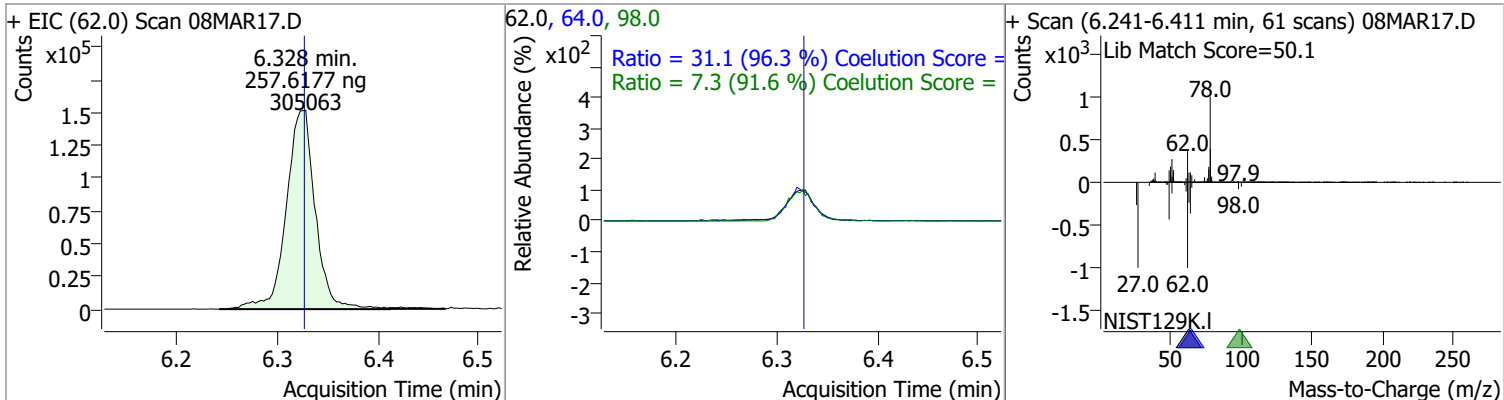
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	250.9494	6.24	0.00	122656	65.0	196.9	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	259.1161	6.28	0.00	1135476	77.0	23.5	0.0	53.0

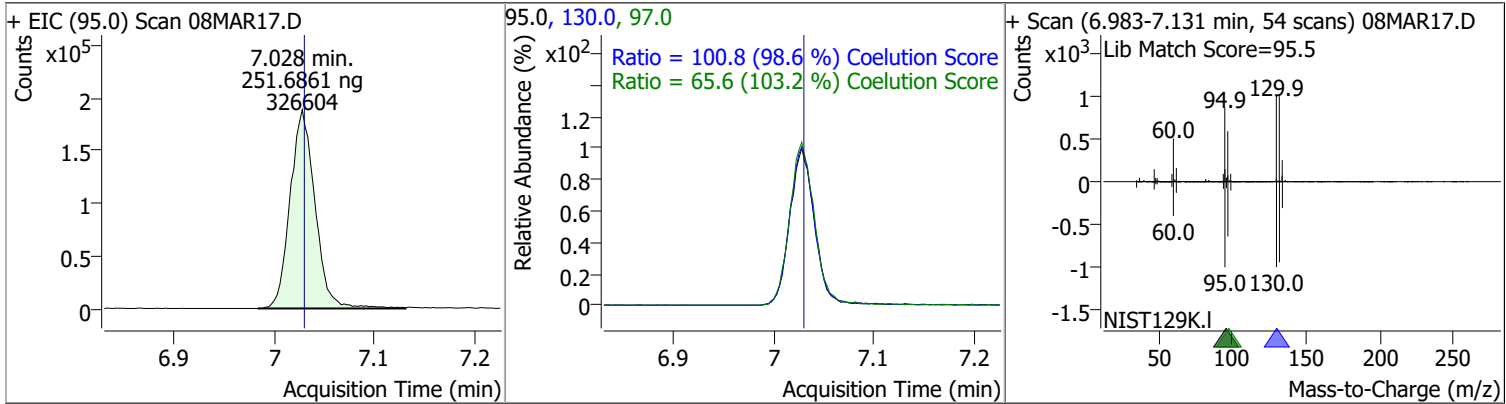


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	257.6177	6.33	0.00	305063	64.0	31.1	2.3	62.3
					98.0	7.3	0.0	38.0

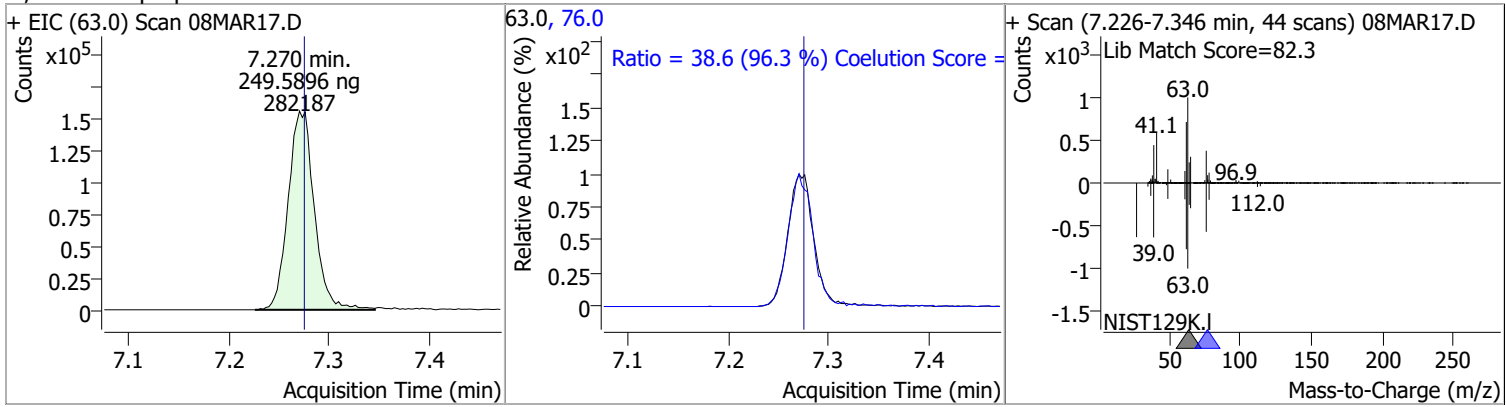


# Quantitation Results Report (QT Reviewed)

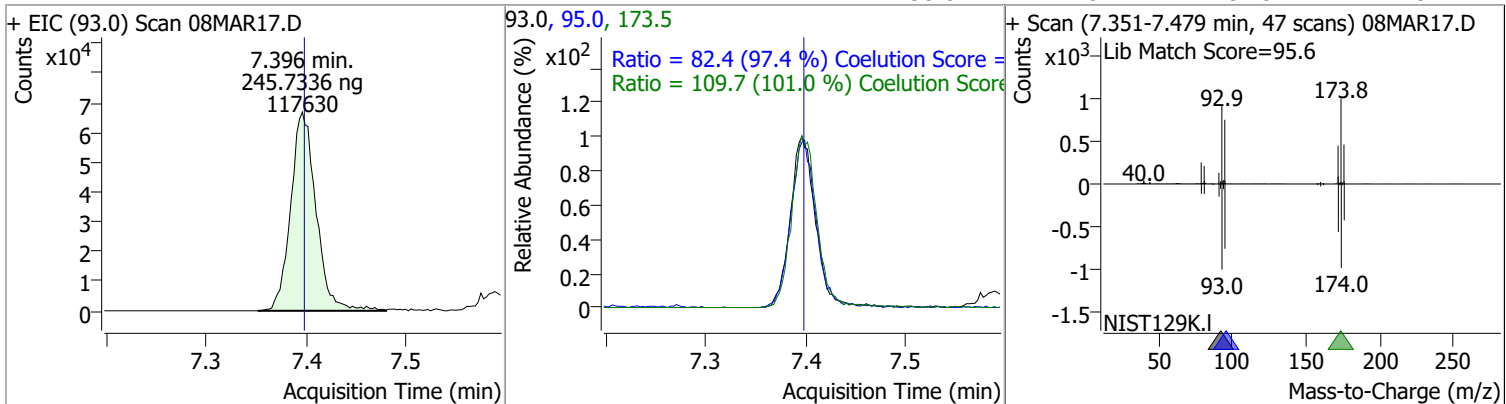
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	251.6861	7.03	0.00	326604	130.0	100.8	72.3	132.3
					97.0	65.6	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	249.5896	7.27	-0.01	282187	76.0	38.6	10.1	70.1

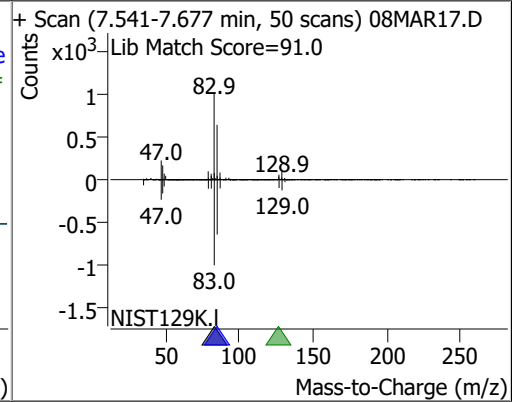
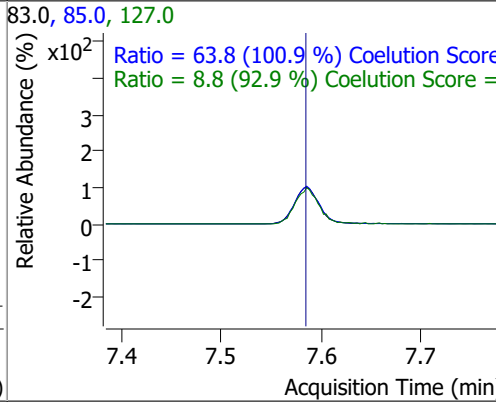
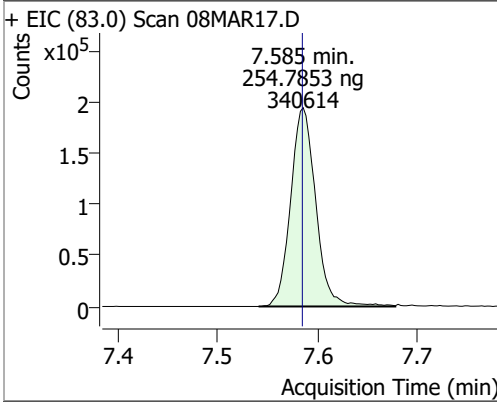


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	245.7336	7.40	0.00	117630	173.5	109.7	78.6	138.6
					95.0	82.4	54.5	114.5

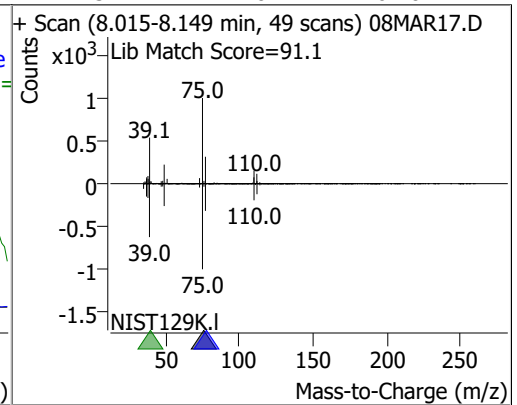
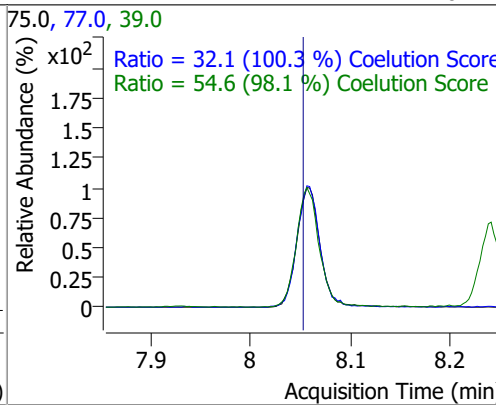
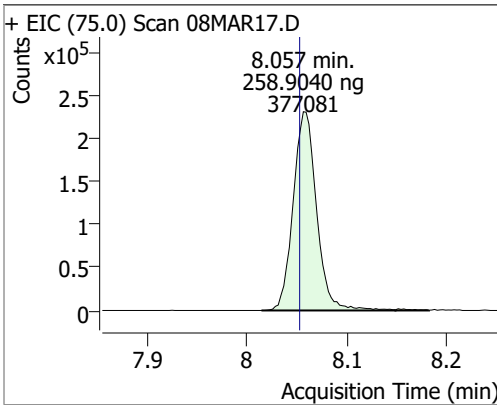


# Quantitation Results Report (QT Reviewed)

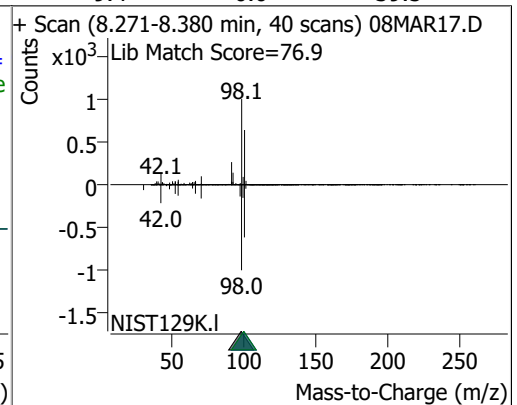
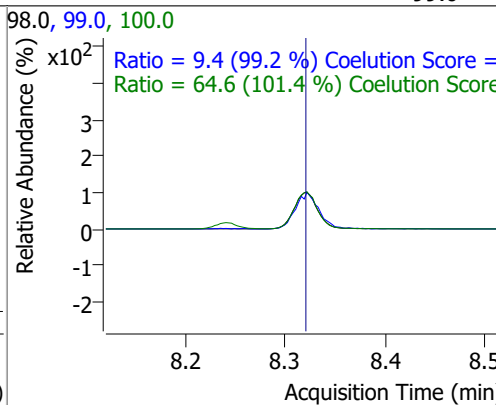
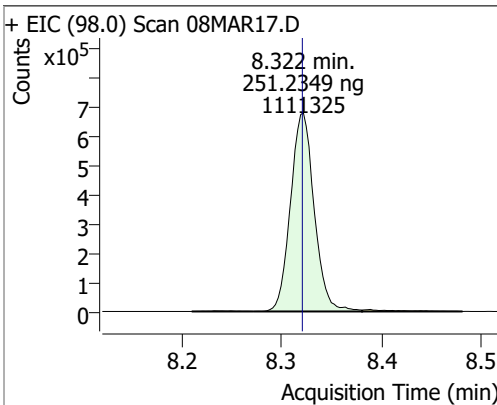
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	254.7853	7.59	0.00	340614	85.0	63.8	33.2	93.2
					127.0	8.8	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	258.9040	8.06	0.00	377081	39.0	54.6	25.6	85.6
					77.0	32.1	2.0	62.0

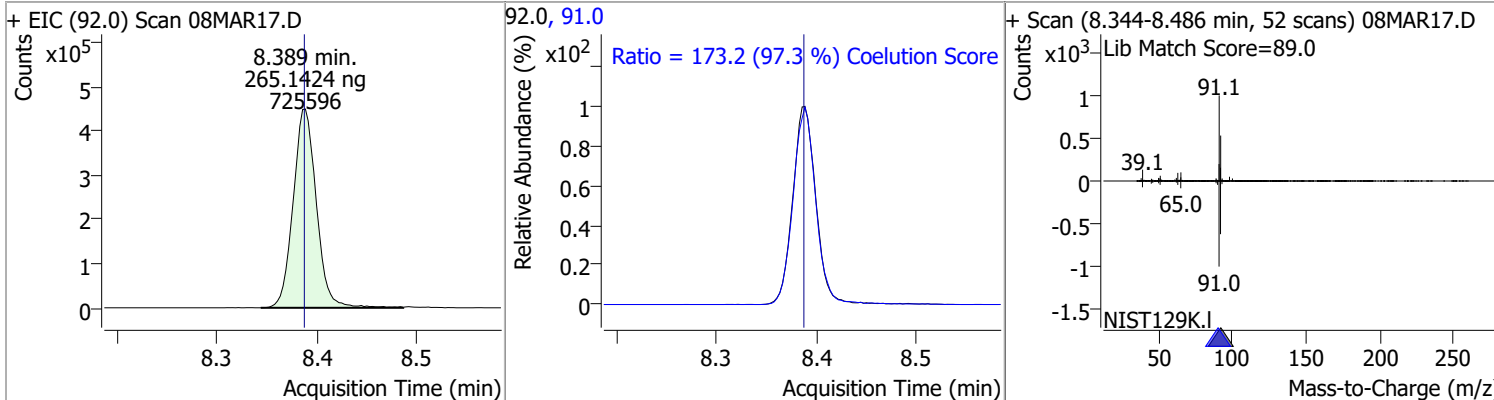


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	251.2349	8.32	0.00	1111325	100.0	64.6	33.7	93.7
					99.0	9.4	0.0	39.5

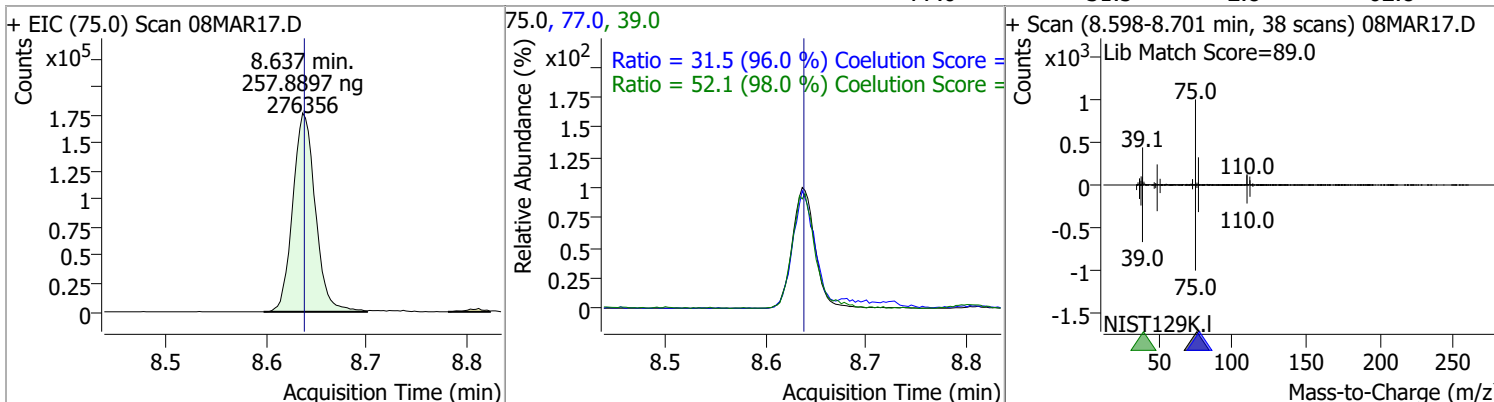


# Quantitation Results Report (QT Reviewed)

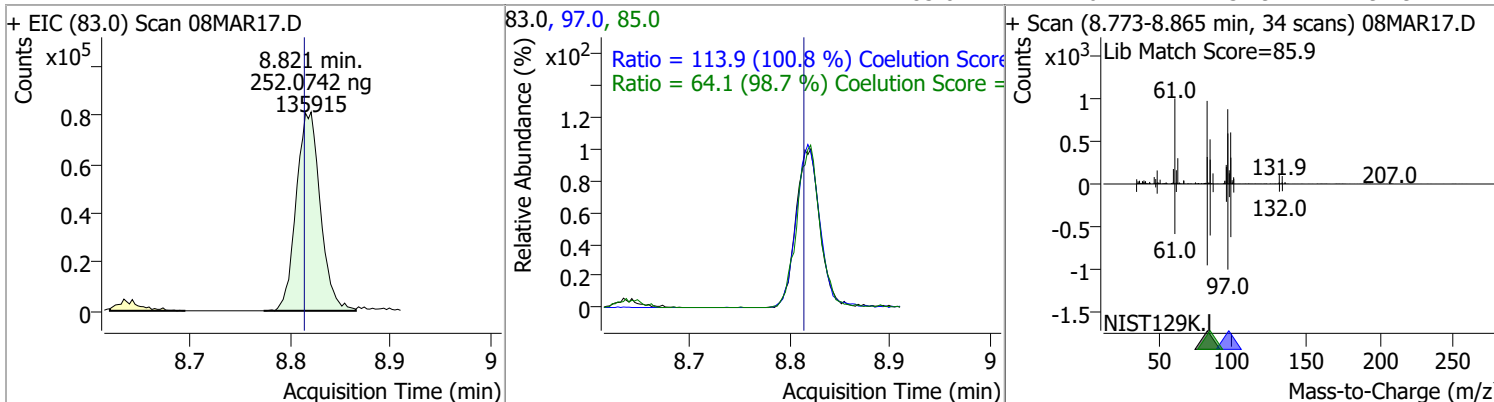
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	265.1424	8.39	0.00	725596	91.0	173.2	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	257.8897	8.64	0.00	276356	39.0	52.1	23.2	83.2
					77.0	31.5	2.8	62.8



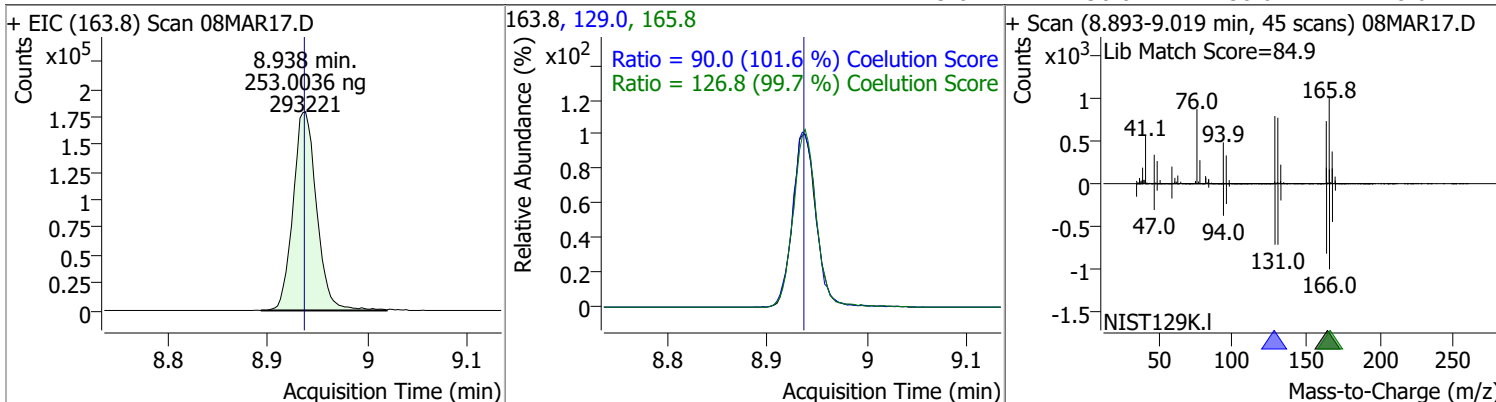
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	252.0742	8.82	0.01	135915	97.0	113.9	83.0	143.0
					85.0	64.1	34.9	94.9



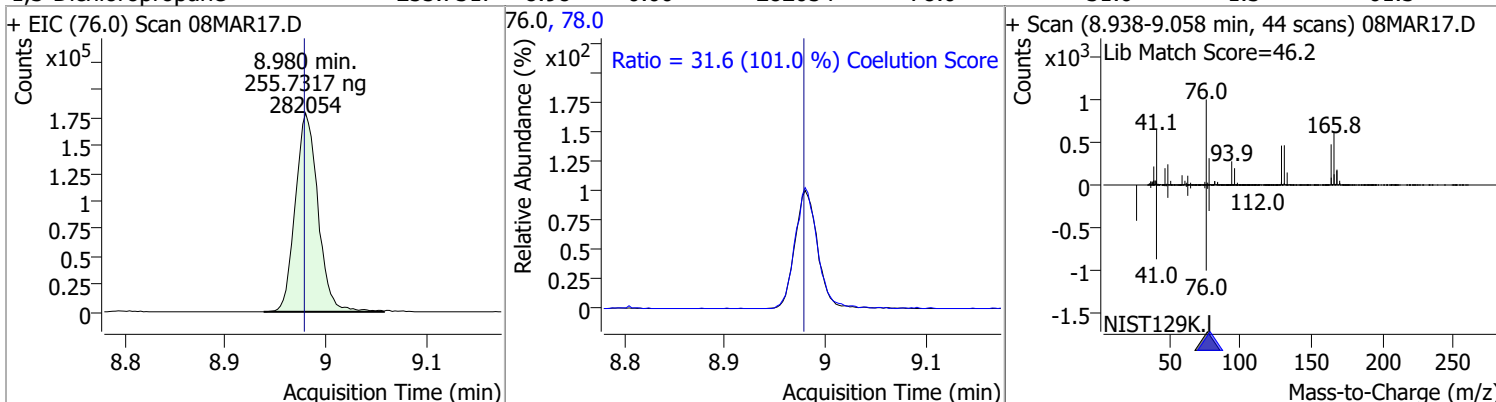


# Quantitation Results Report (QT Reviewed)

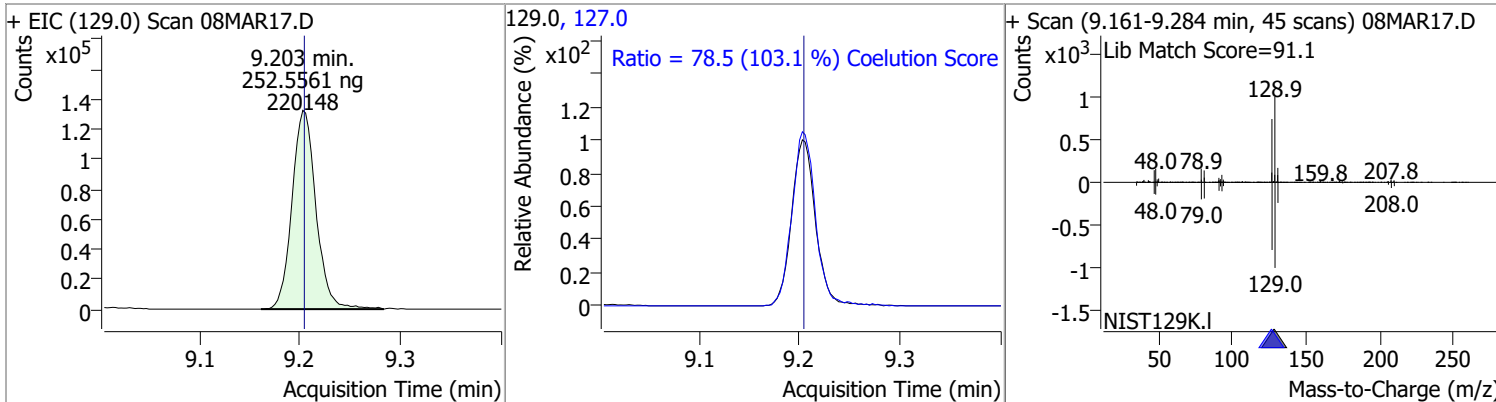
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	253.0036	8.94	0.00	293221	165.8	126.8	97.2	157.2
					129.0	90.0	58.6	118.6



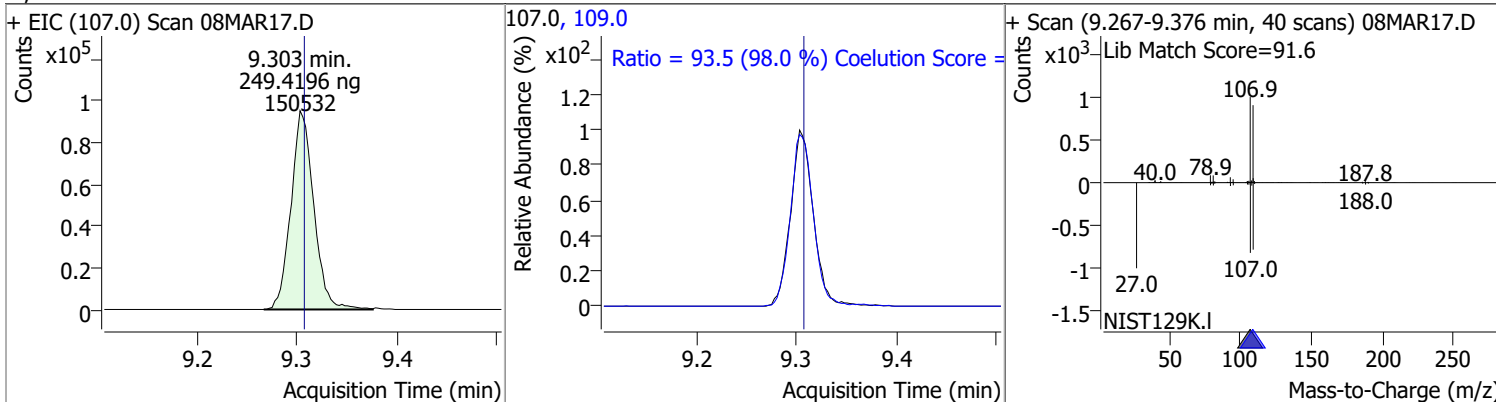
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	255.7317	8.98	0.00	282054	78.0	31.6	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	252.5561	9.20	0.00	220148	127.0	78.5	46.1	106.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	249.4196	9.30	-0.01	150532	109.0	93.5	65.4	125.4

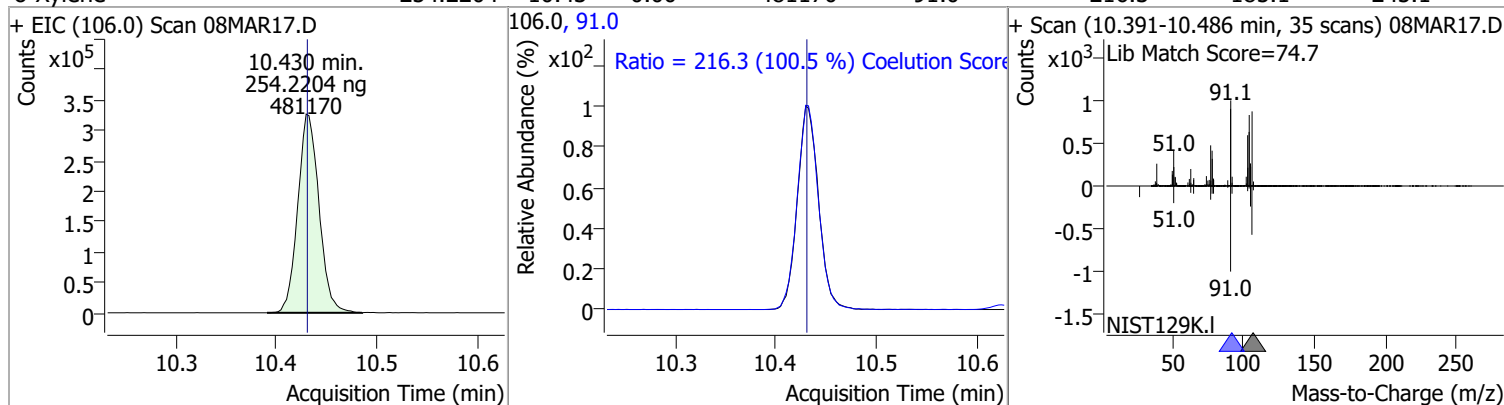


# Quantitation Results Report (QT Reviewed)

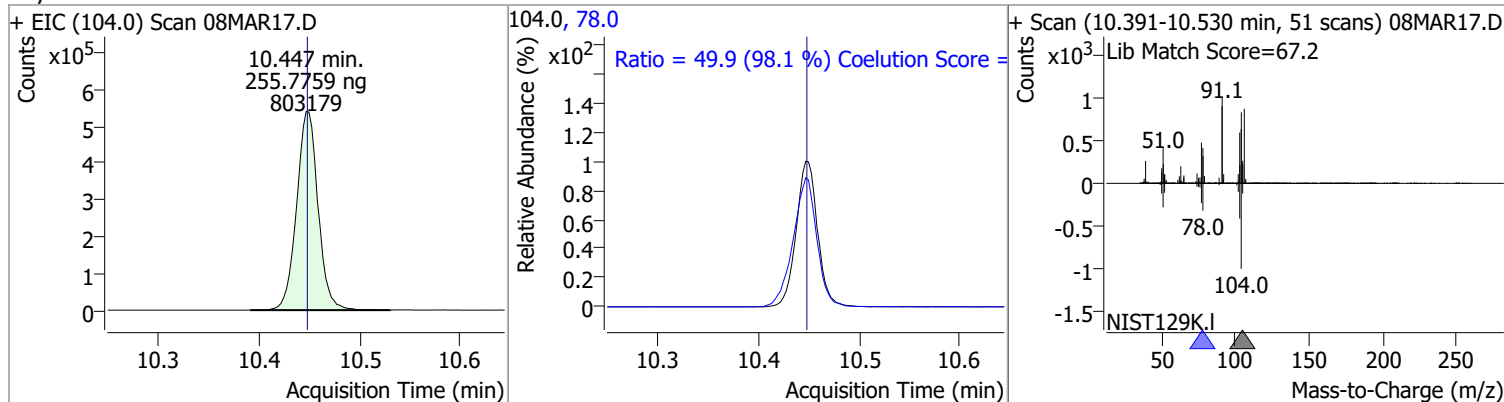
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	251.1438	9.80	0.00	765991	114.0	32.6	1.6	61.6
+ EIC (112.0) Scan 08MAR17.D			112.0, 114.0			+ Scan (9.758-9.892 min, 49 scans) 08MAR17.D		
1,1,1,2-Tetrachloroethane	250.4455	9.89	0.00	267390	133.0	96.6	67.9	127.9
+ EIC (131.0) Scan 08MAR17.D			131.0, 133.0			+ Scan (9.850-9.936 min, 31 scans) 08MAR17.D		
Ethylbenzene	254.8393	9.92	0.00	1400448	106.0	30.8	1.2	61.2
+ EIC (91.0) Scan 08MAR17.D			91.0, 106.0			+ Scan (9.869-9.992 min, 45 scans) 08MAR17.D		
m+p-Xylenes	507.9609	10.04	0.00	1101974	91.0	202.8	173.1	233.1
+ EIC (106.0) Scan 08MAR17.D			106.0, 91.0			+ Scan (9.995-10.131 min, 50 scans) 08MAR17.D		

# Quantitation Results Report (QT Reviewed)

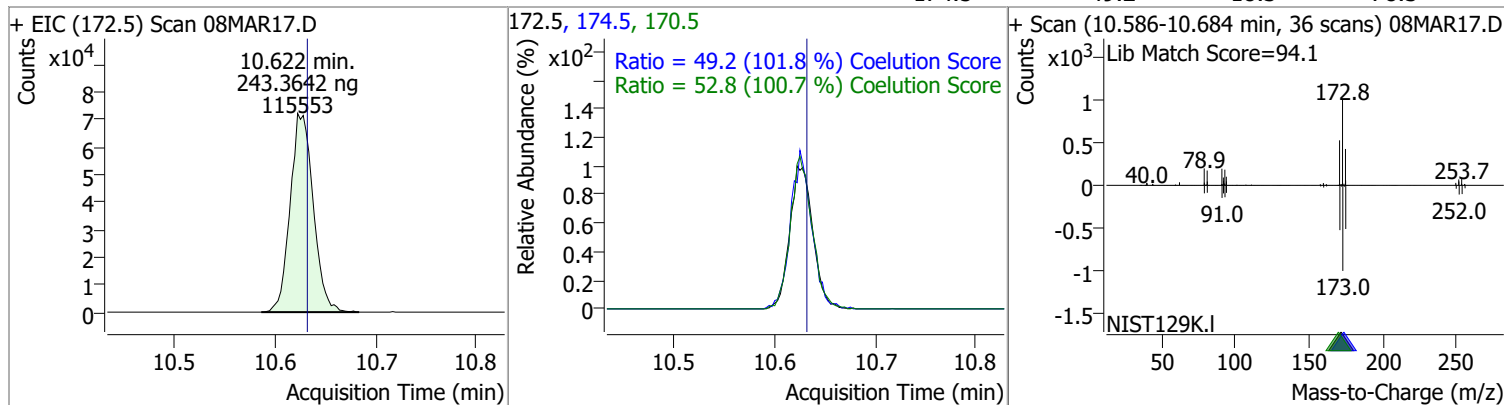
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	254.2204	10.43	0.00	481170	91.0	216.3	185.1	245.1



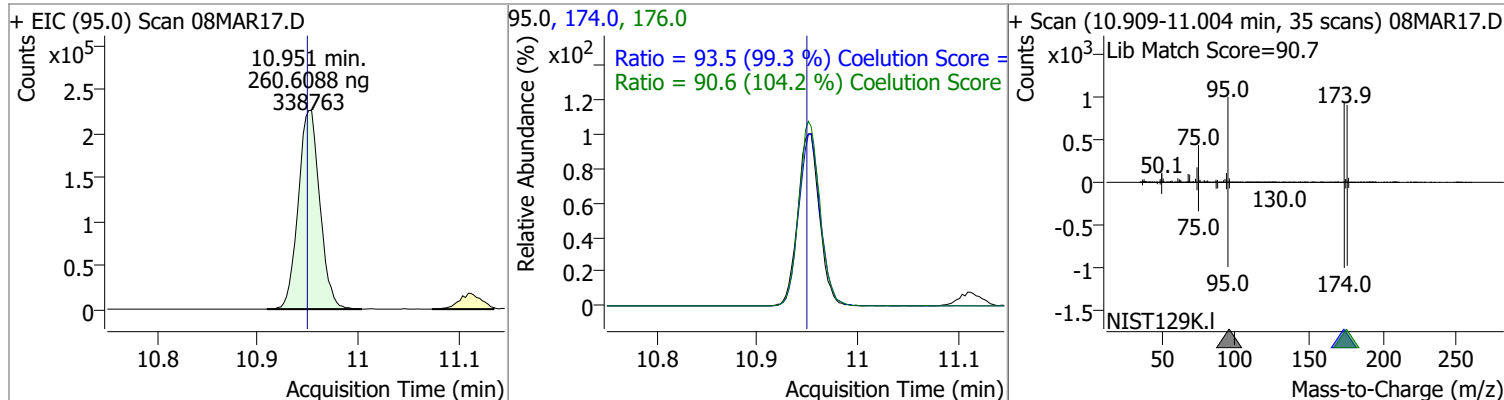
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	255.7759	10.45	0.00	803179	78.0	49.9	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	243.3642	10.62	-0.01	115553	170.5	52.8	22.5	82.5
					174.5	49.2	18.3	78.3

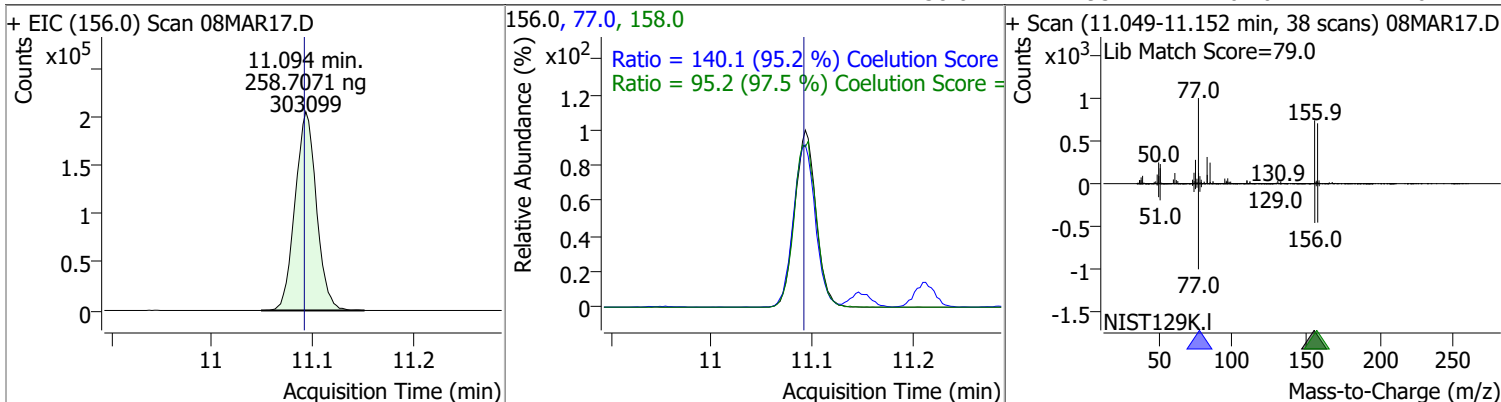


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	260.6088	10.95	0.00	338763	174.0	93.5	64.2	124.2
					176.0	90.6	56.9	116.9

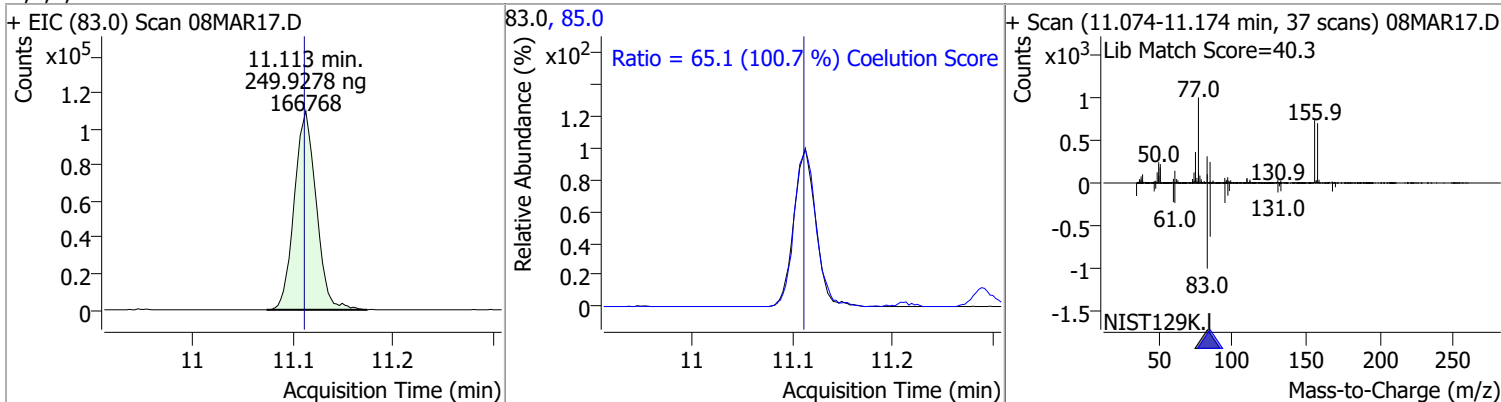


# Quantitation Results Report (QT Reviewed)

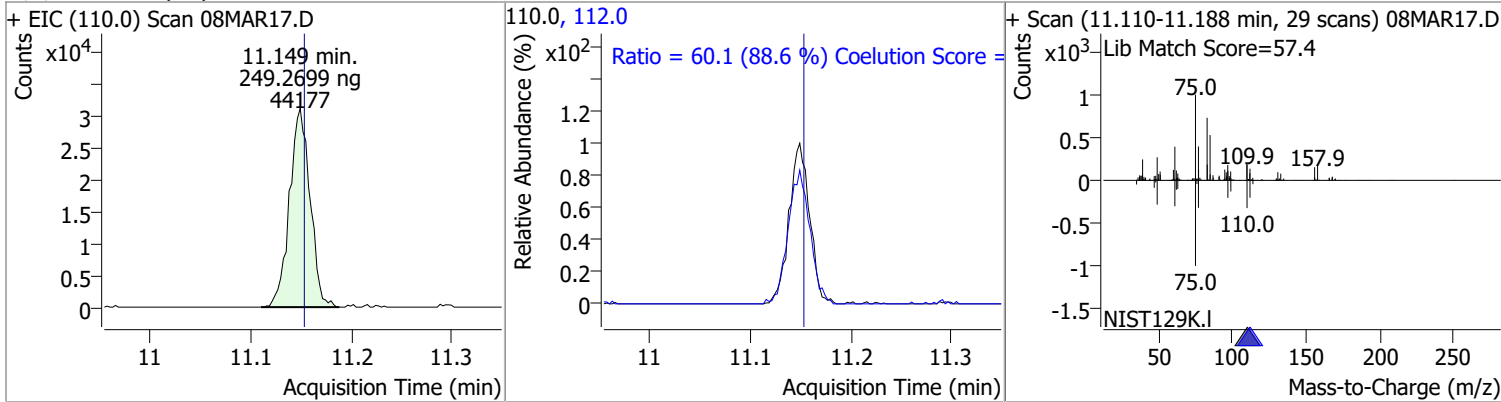
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	258.7071	11.09	0.00	303099	77.0	140.1	117.1	177.1
					158.0	95.2	67.6	127.6



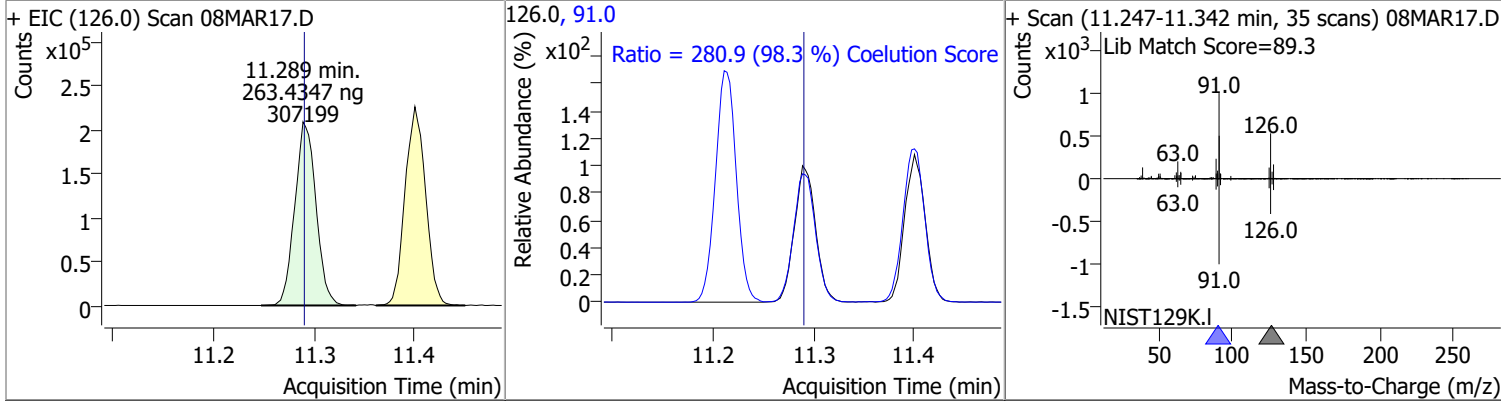
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	249.9278	11.11	0.00	166768	85.0	65.1	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	249.2699	11.15	0.00	44177	112.0	60.1	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	263.4347	11.29	0.00	307199	91.0	280.9	255.6	315.6

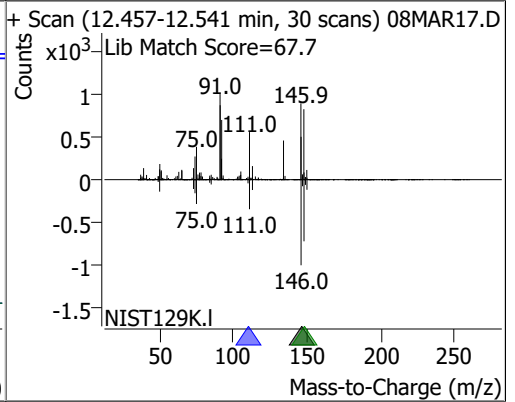
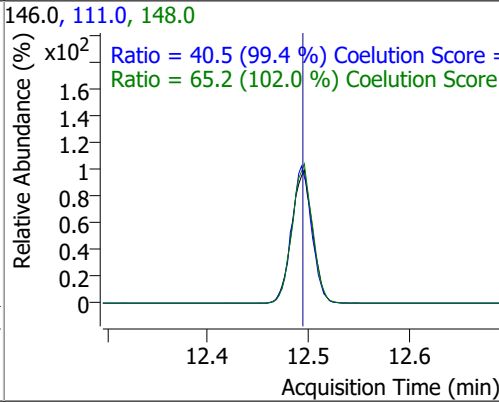
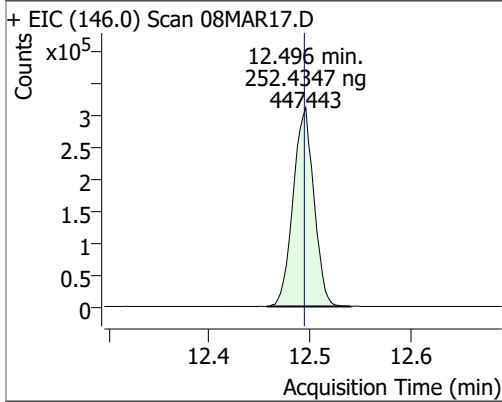


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	267.7444	11.40	0.00	1021389	126.0	31.6	1.5	61.5
+ EIC (91.0) Scan 08MAR17.D			91.0, 126.0			+ Scan (11.358-11.467 min, 39 scans) 08MAR17.D		
<p>11.400 min. 267.7444 ng 1021389</p>			<p>Ratio = 31.6 (100.3 %) Coelution Score</p>			<p>Lib Match Score=60.5</p>		
1,3-Dichlorobenzene	257.9294	12.03	0.00	539560	148.0	64.6	34.3	94.3
+ EIC (146.0) Scan 08MAR17.D			146.0, 111.0, 148.0			+ Scan (11.991-12.086 min, 34 scans) 08MAR17.D		
<p>12.033 min. 257.9294 ng 539560</p>			<p>Ratio = 39.6 (104.3 %) Coelution Score Ratio = 64.6 (100.5 %) Coelution Score</p>			<p>Lib Match Score=64.1</p>		
1,4-Dichlorobenzene	250.7602	12.12	0.00	547829	148.0	64.3	33.5	93.5
+ EIC (146.0) Scan 08MAR17.D			146.0, 111.0, 148.0			+ Scan (12.086-12.192 min, 39 scans) 08MAR17.D		
<p>12.123 min. 250.7602 ng 547829</p>			<p>Ratio = 38.1 (101.3 %) Coelution Score Ratio = 64.3 (101.2 %) Coelution Score</p>			<p>Lib Match Score=60.1</p>		

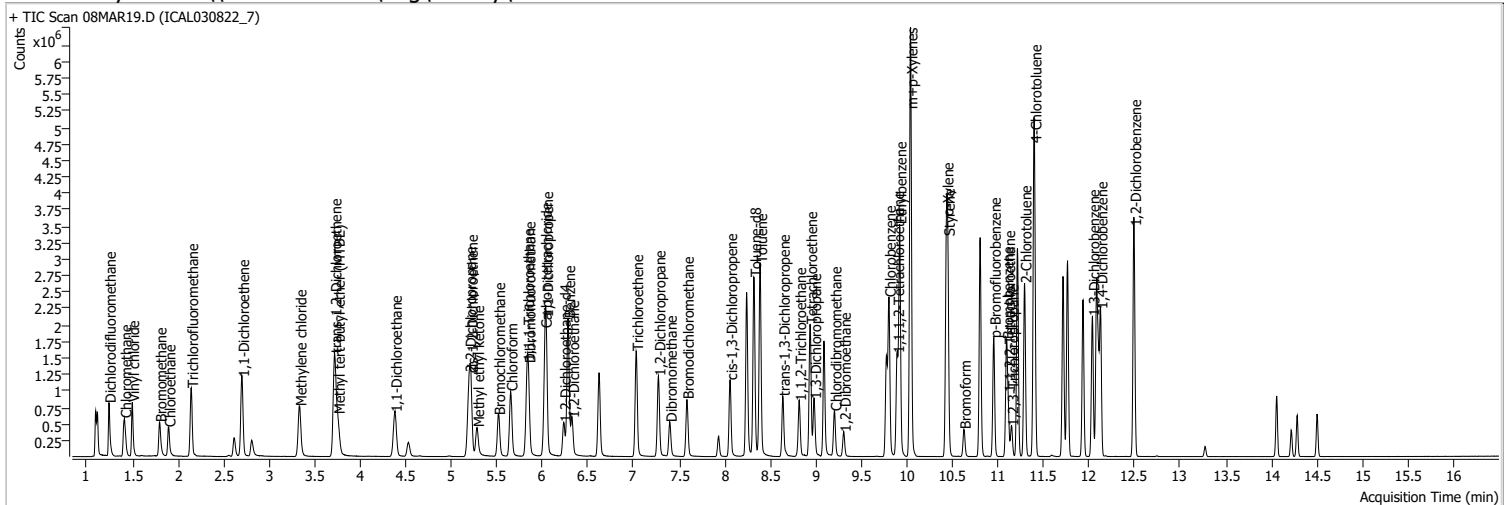
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	252.4347	12.50	0.00	447443	148.0	65.2	33.9	93.9
					111.0	40.5	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File	08MAR19.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/8/2022 6:56:41 PM
Sample Name	ICAL030822_7	Instrument	VOA5975C
Vial	19	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG030822_8260B.batch.bin	Last Calib Update	3/9/2022 9:53:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	1060076	250.0000	ng	0.000
M Chlorobenzene-d5	9.772	82.0	404769	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	346370	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	410004	380.6469	ng	0.003
Spiked Amount: 250.000				Recovery = 152.26%		*
S 1,2-Dichloroethane-d4	6.233	67.0	182831	380.2714	ng	-0.003
Spiked Amount: 250.000				Recovery = 152.11%		*
S Toluene-d8	8.321	98.0	1660218	384.3410	ng	0.000
Spiked Amount: 250.000				Recovery = 153.74%		*
S p-Bromofluorobenzene	10.954	95.0	511377	400.3964	ng	0.006
Spiked Amount: 250.000				Recovery = 160.16%		*
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	585183	382.2674	ng	97
T Chloromethane	1.411	50.0	666016	375.3351	ng	99
T Vinyl chloride	1.498	62.0	612829	382.3139	ng	100
T Bromomethane	1.796	96.0	284824	399.8579	ng	100
T Chloroethane	1.894	64.0	319722	377.1229	ng	99
T Trichlorofluoromethane	2.145	101.0	734562	363.2350	ng	99
T 1,1-Dichloroethene	2.702	96.0	435227	404.6558	ng	98
T Methylene chloride	3.333	49.0	576459	352.9636	ng	98
T trans-1,2-Dichloroethene	3.717	96.0	426895	381.2556	ng	99
T Methyl tert-butyl ether (MTBE)	3.754	73.0	553728	396.9132	ng	100
T 1,1-Dichloroethane	4.378	63.0	814870	379.9532	ng	98
T 2,2-Dichloropropane	5.195	77.0	626299	378.9103	ng	97
T cis-1,2-Dichloroethene	5.215	96.0	445478	393.4171	ng	98
T Methyl ethyl ketone	5.282	43.0	626778	4211.3543	ng	99
T Bromochloromethane	5.513	128.0	175684	389.1510	ng	99
T Chloroform	5.650	83.0	772072	367.3732	ng	99

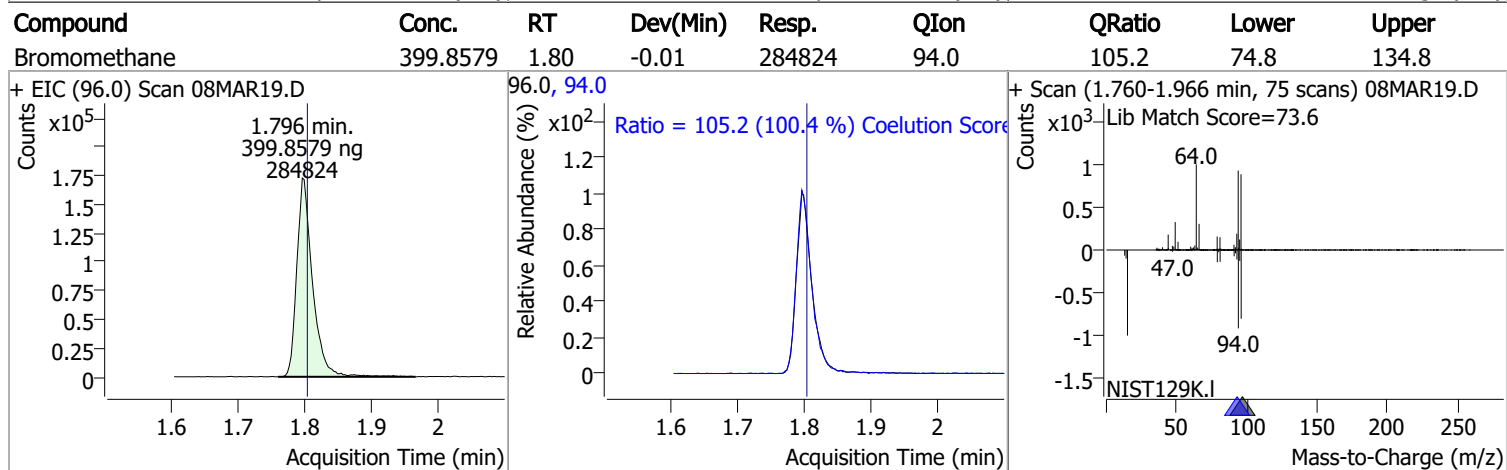
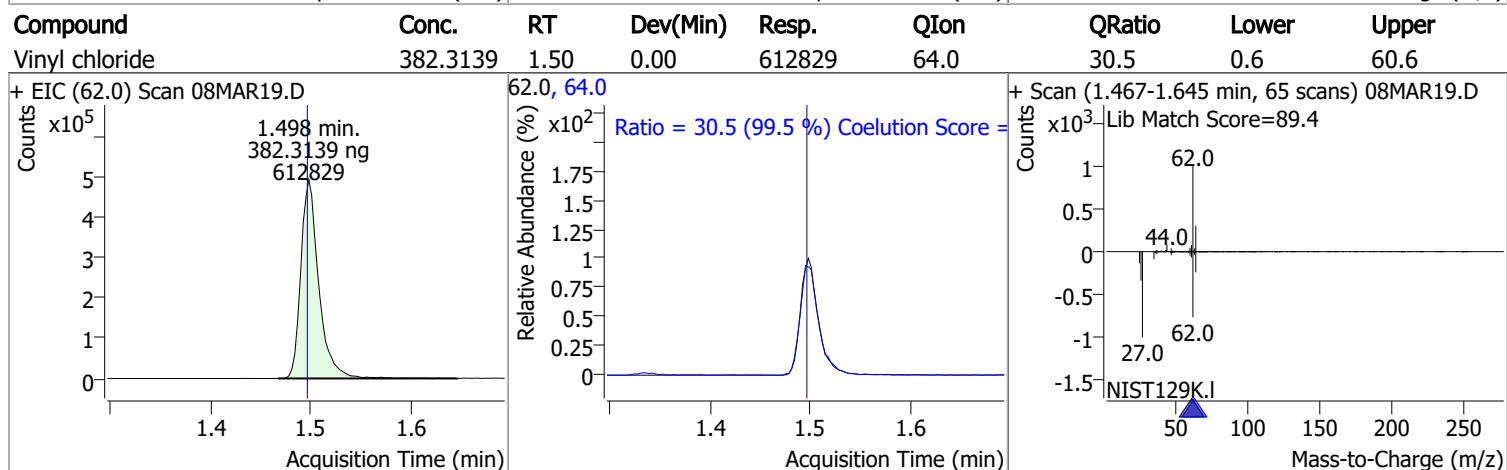
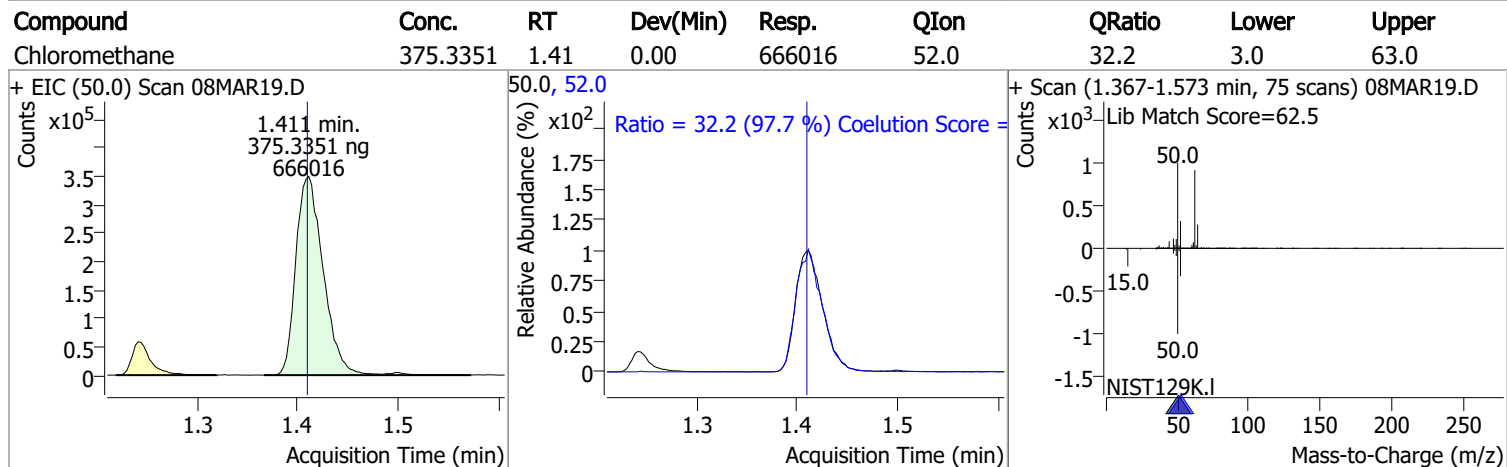
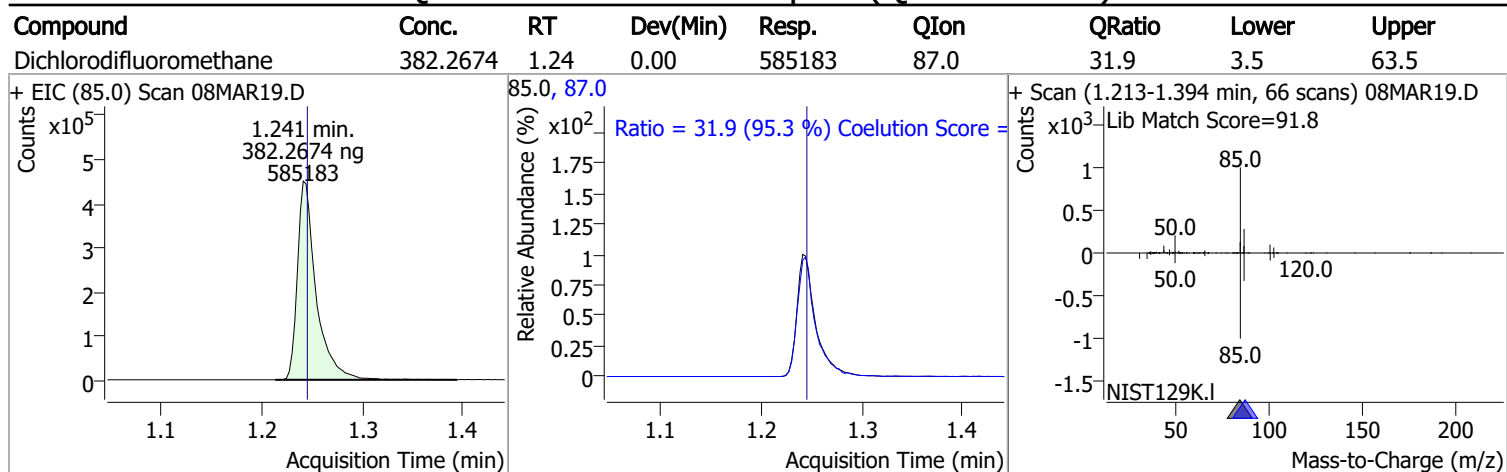
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	781251	383.3934	ng	99
T Carbon tetrachloride	6.026	117.0	764333	379.9734	ng	98
T 1,1-Dichloropropene	6.040	75.0	670247	405.3589	ng	99
T Benzene	6.280	78.0	1691047	392.3002	ng	99
T 1,2-Dichloroethane	6.325	62.0	454047	389.7923	ng	97
T Trichloroethene	7.028	95.0	492747	389.1024	ng	99
T 1,2-Dichloropropane	7.273	63.0	430689	390.3511	ng	100
T Dibromomethane	7.396	93.0	180964	387.3832	ng	98
T Bromodichloromethane	7.585	83.0	501446	384.3600	ng	98
T cis-1,3-Dichloropropene	8.059	75.0	576241	405.4250	ng	99
T Toluene	8.388	92.0	1069970	400.6435	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	425753	407.1224	ng	98
T 1,1,2-Trichloroethane	8.815	83.0	201690	383.3078	ng	99
T Tetrachloroethene	8.938	163.8	435649	385.1861	ng	97
T 1,3-Dichloropropane	8.982	76.0	414791	385.3752	ng	97
T Chlorodibromomethane	9.205	129.0	328923	386.6691	ng	98
T 1,2-Dibromoethane	9.306	107.0	222739	378.1814	ng	100
T Chlorobenzene	9.802	112.0	1152588	387.2354	ng	100
T 1,1,1,2-Tetrachloroethane	9.891	131.0	404000	387.7498	ng	99
T Ethylbenzene	9.919	91.0	2111220	384.9662	ng	100
T m+p-Xylenes	10.039	106.0	1656669	769.8443	ng	100
T o-Xylene	10.432	106.0	727310	383.5642	ng	100
T Styrene	10.449	104.0	1211127	387.1308	ng	99
T Bromoform	10.625	172.5	180850	387.6589	ng	99
T Bromobenzene	11.093	156.0	447616	388.8528	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	247452	377.4405	ng	100
T 1,2,3-Trichloropropane	11.149	110.0	65738	377.5251	ng	97
T 2-Chlorotoluene	11.291	126.0	464319	405.2523	ng	97
T 4-Chlorotoluene	11.400	91.0	1523298	406.4152	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	807641	392.9481	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	812896	378.7078	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	670611	385.0683	ng	99

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

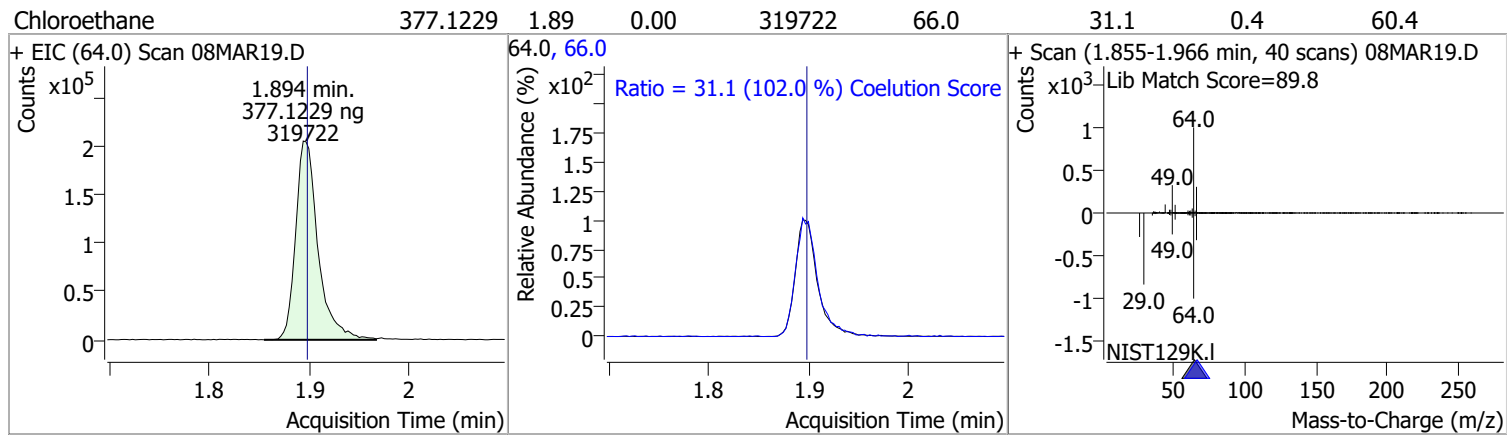


# Quantitation Results Report (QT Reviewed)

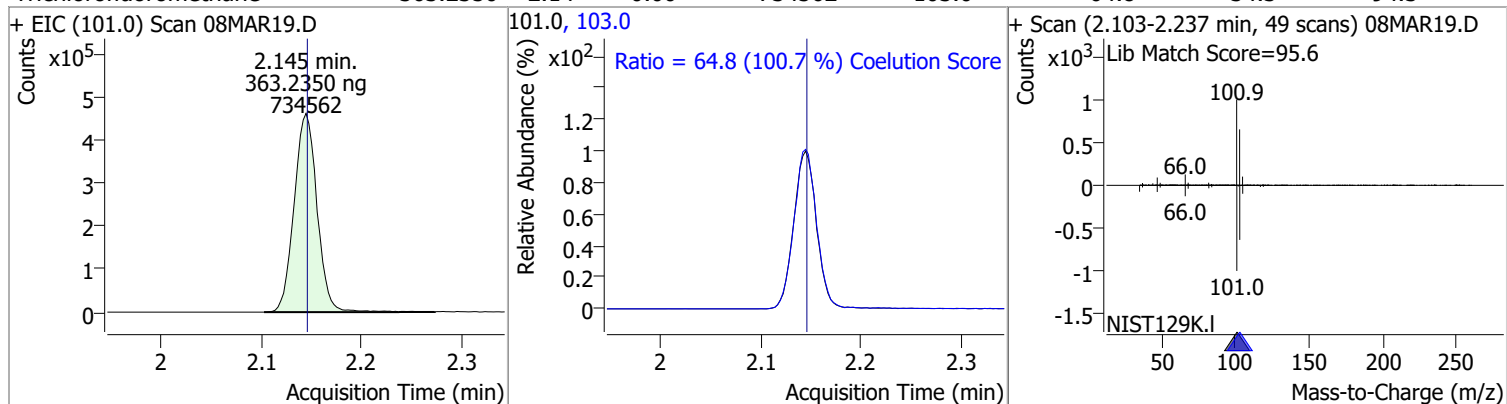


# Quantitation Results Report (QT Reviewed)

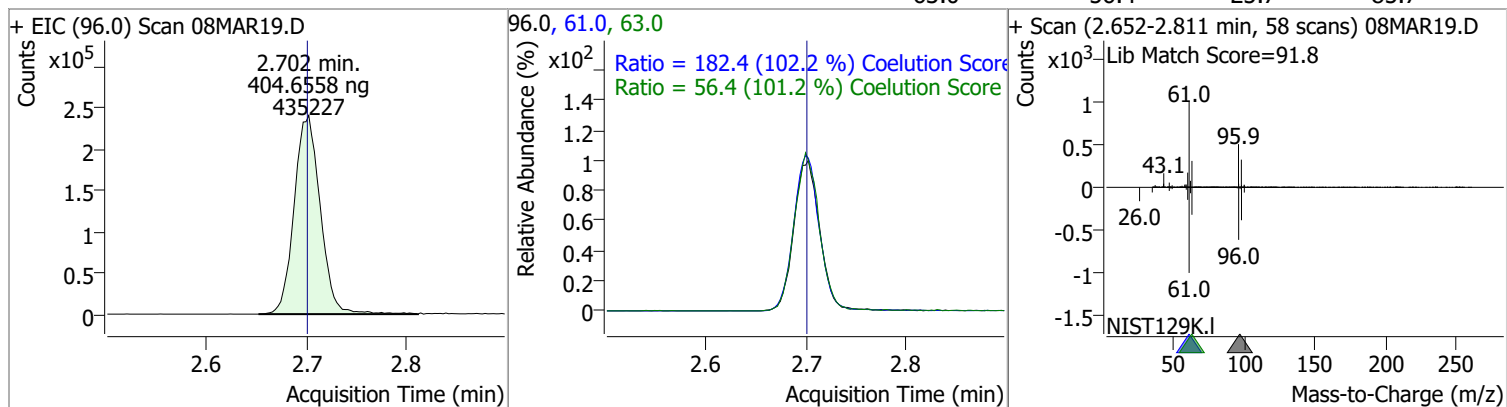
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------



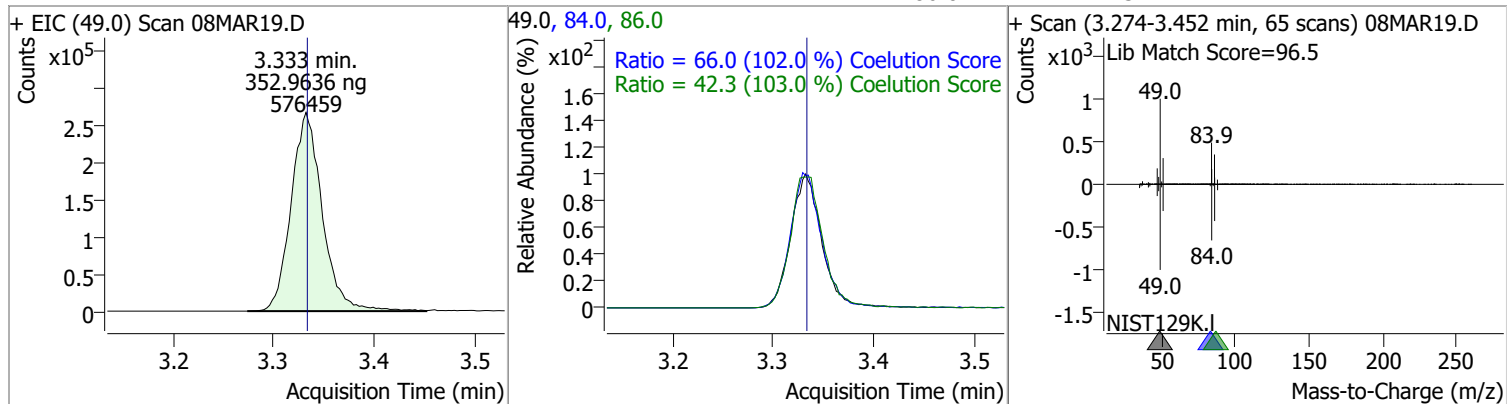
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------

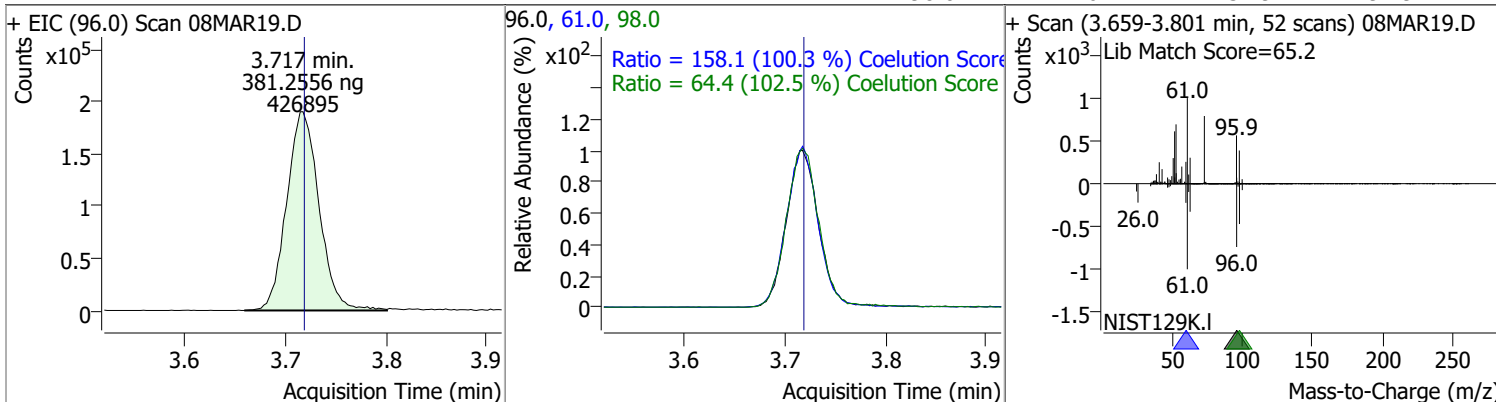


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
----------	-------	----	----------	-------	------	--------	-------	-------

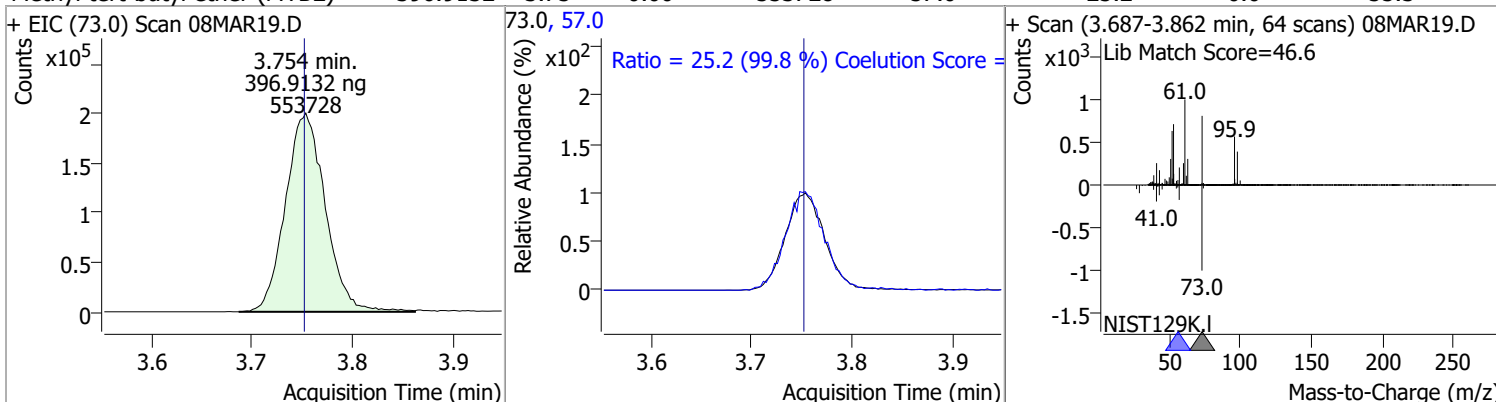


# Quantitation Results Report (QT Reviewed)

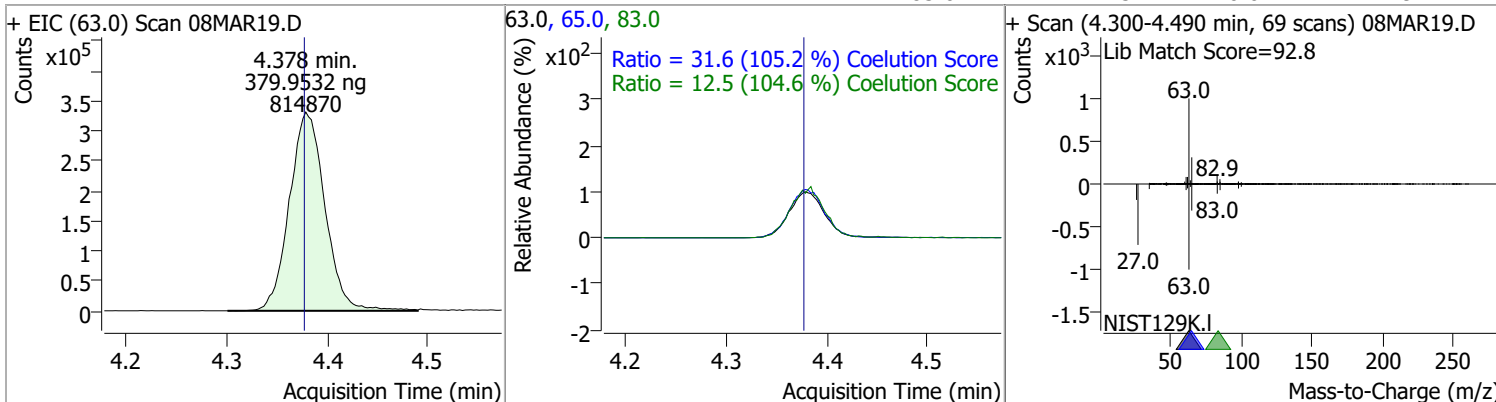
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	381.2556	3.72	0.00	426895	61.0	158.1	127.7	187.7
					98.0	64.4	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	396.9132	3.75	0.00	553728	57.0	25.2	0.0	55.3

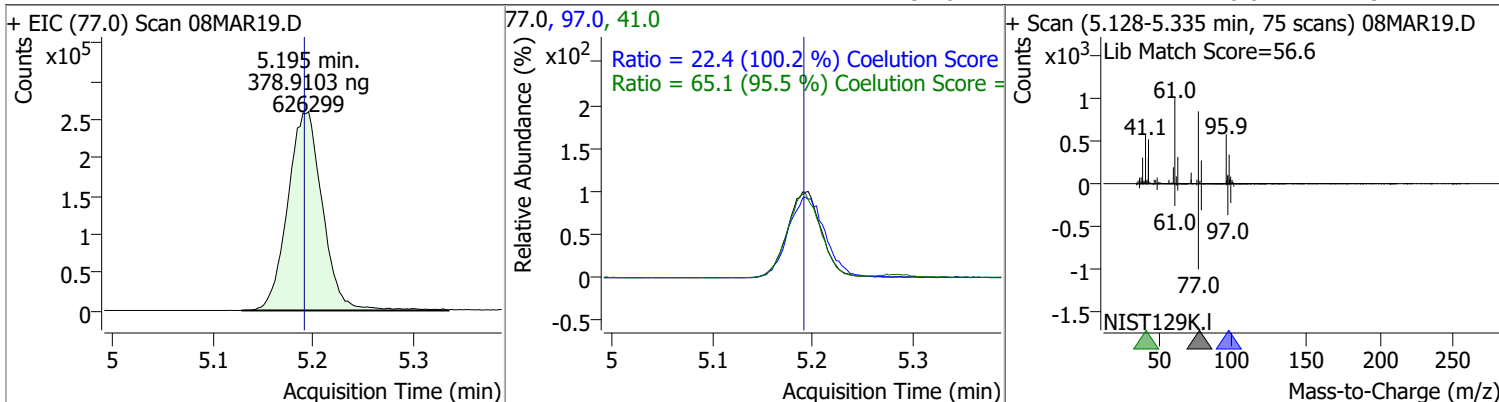


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	379.9532	4.38	0.00	814870	65.0	31.6	0.1	60.1
					83.0	12.5	0.0	41.9

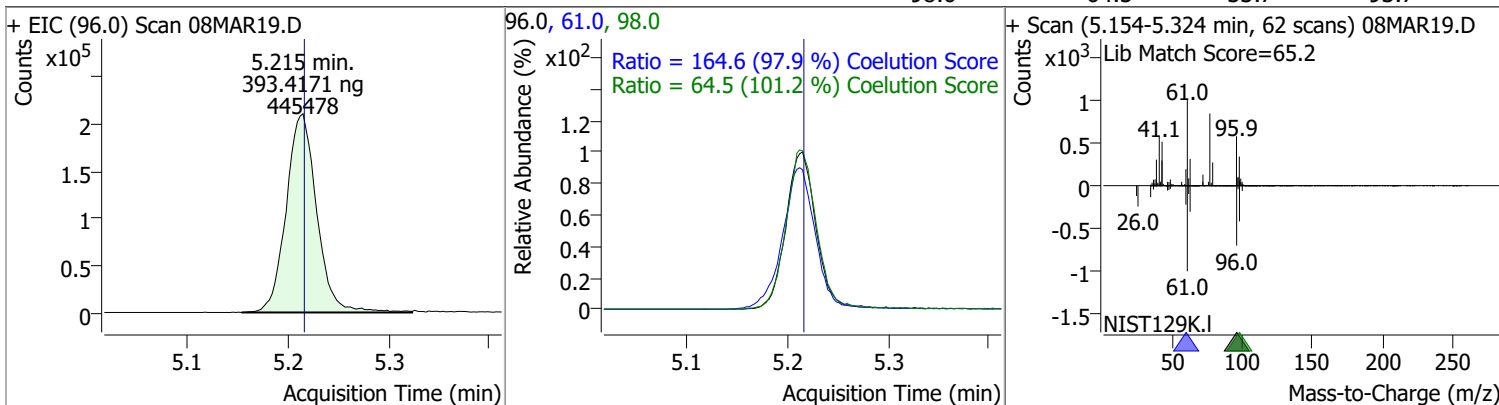


# Quantitation Results Report (QT Reviewed)

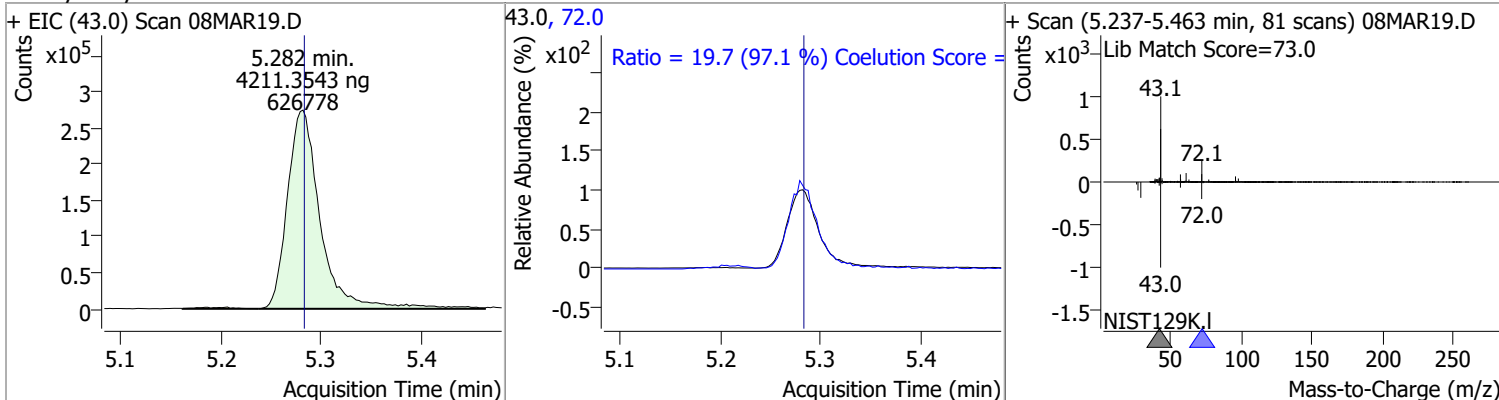
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	378.9103	5.20	0.01	626299	41.0	65.1	38.2	98.2
					97.0	22.4	0.0	52.4



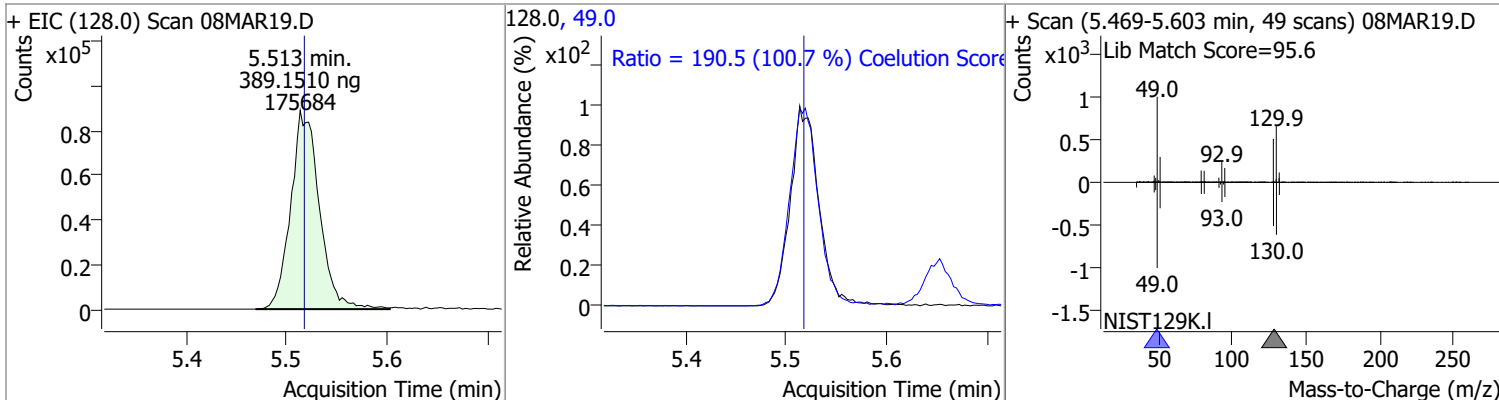
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	393.4171	5.21	0.00	445478	61.0	164.6	138.1	198.1
					98.0	64.5	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	4211.3543	5.28	0.00	626778	72.0	19.7	0.0	50.3

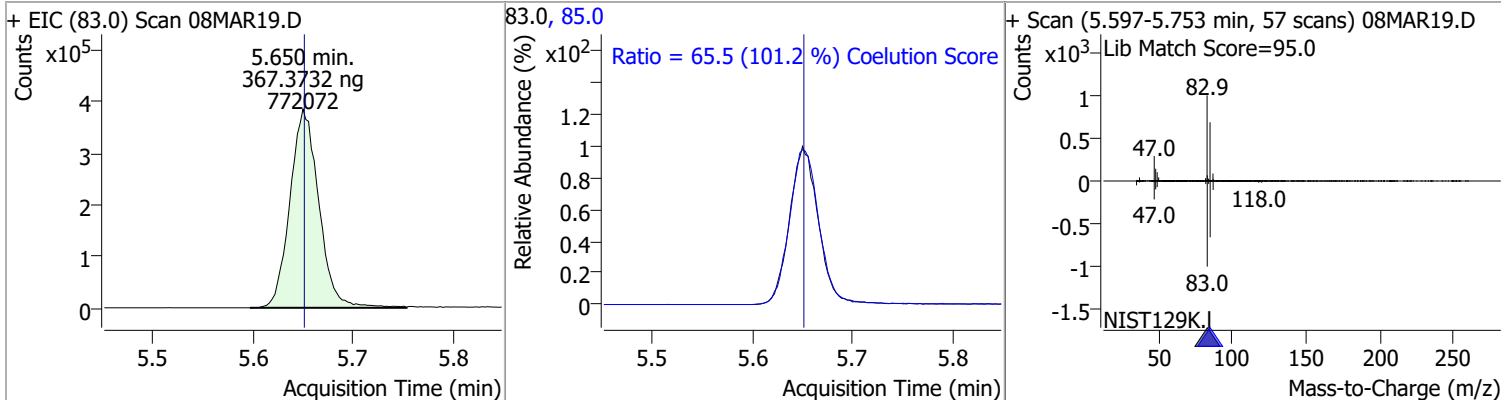


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	389.1510	5.51	0.00	175684	49.0	190.5	159.1	219.1

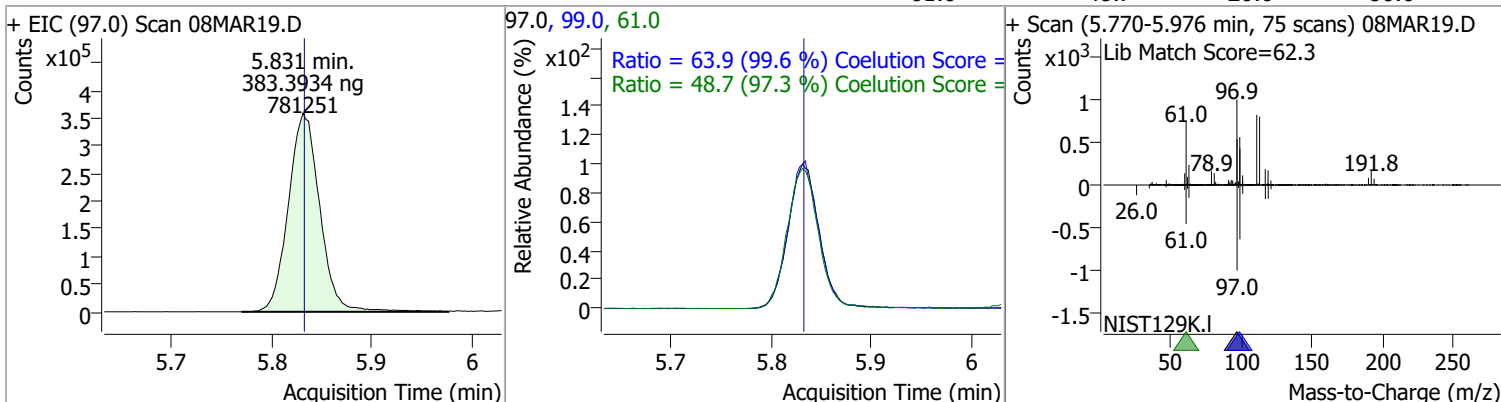


# Quantitation Results Report (QT Reviewed)

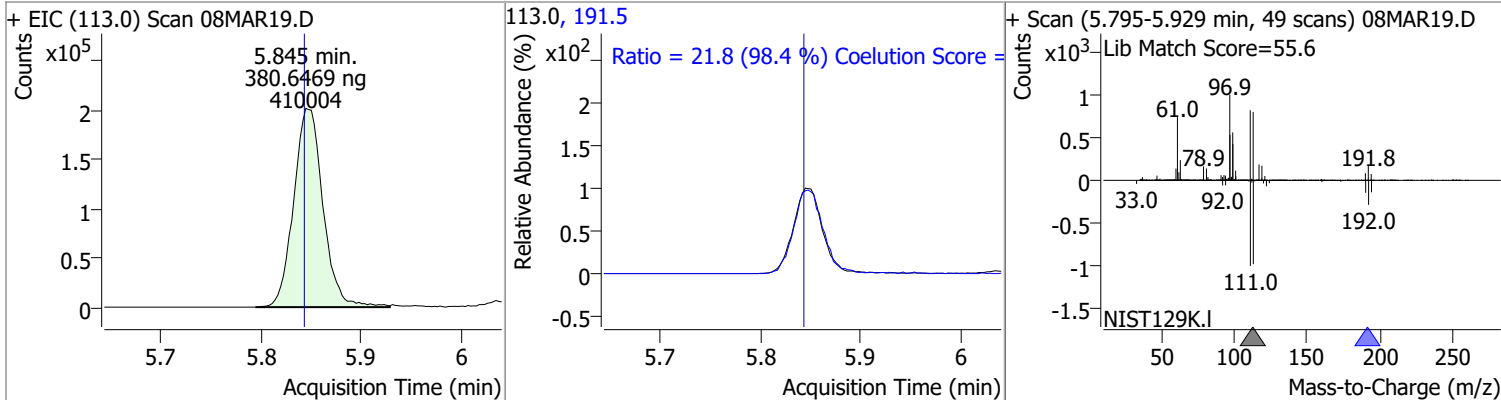
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	367.3732	5.65	0.00	772072	85.0	65.5	34.7	94.7



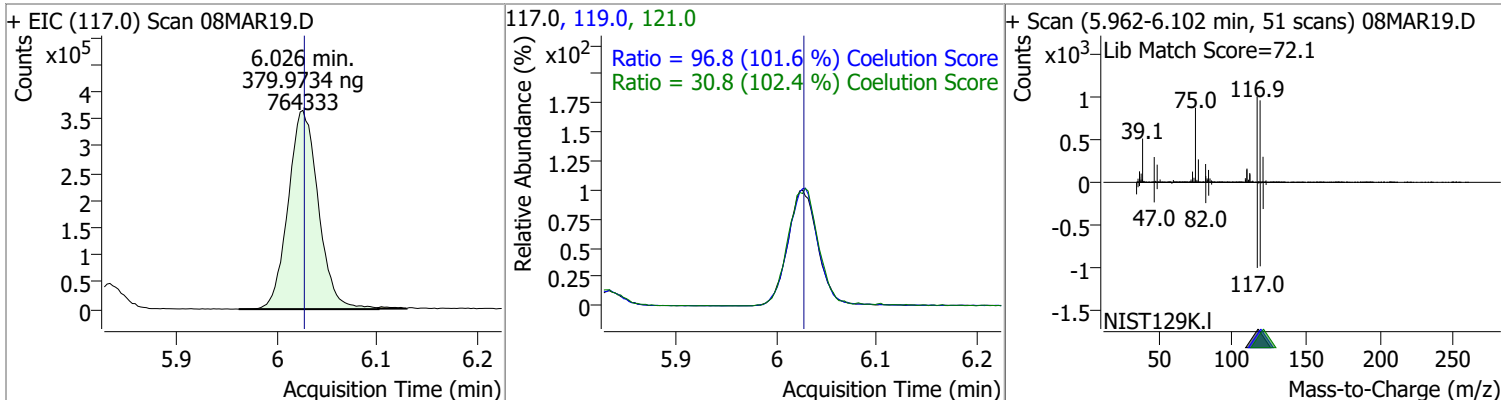
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	383.3934	5.83	0.00	781251	99.0	63.9	34.2	94.2
					61.0	48.7	20.0	80.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	380.6469	5.85	0.00	410004	191.5	21.8	0.0	52.2

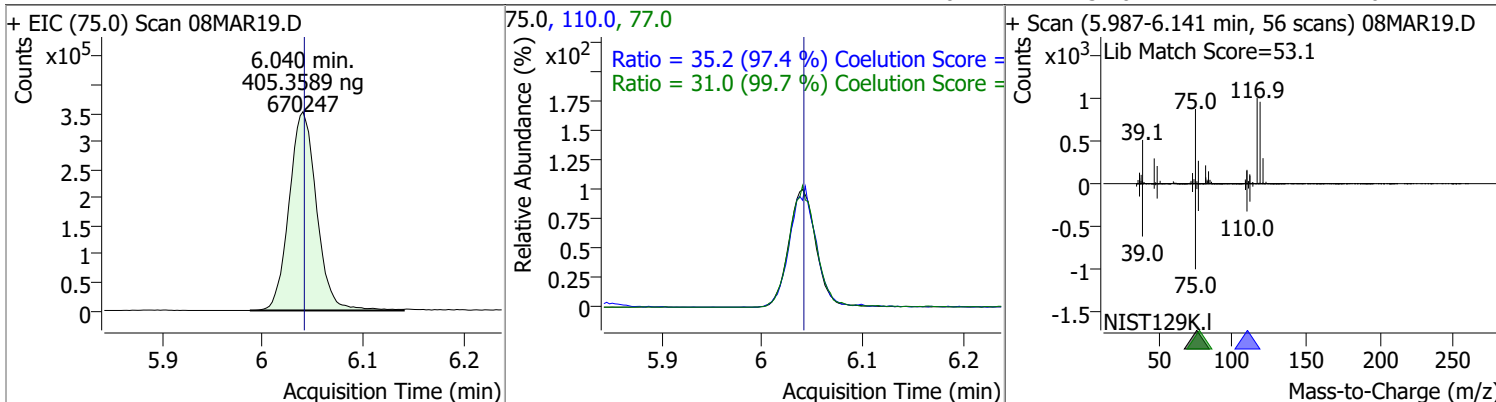


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	379.9734	6.03	0.00	764333	119.0	96.8	65.3	125.3
					121.0	30.8	0.1	60.1

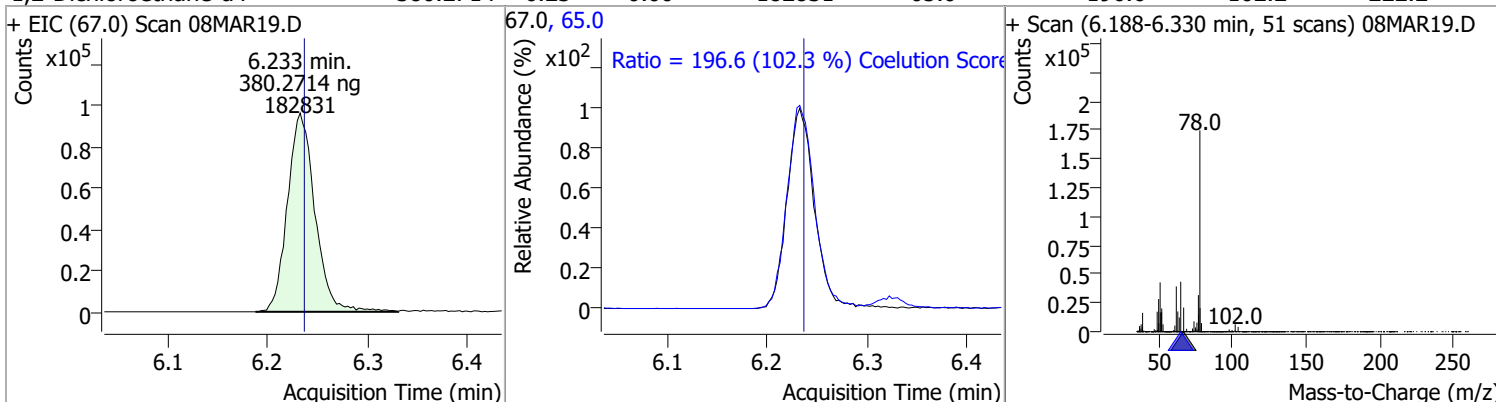


# Quantitation Results Report (QT Reviewed)

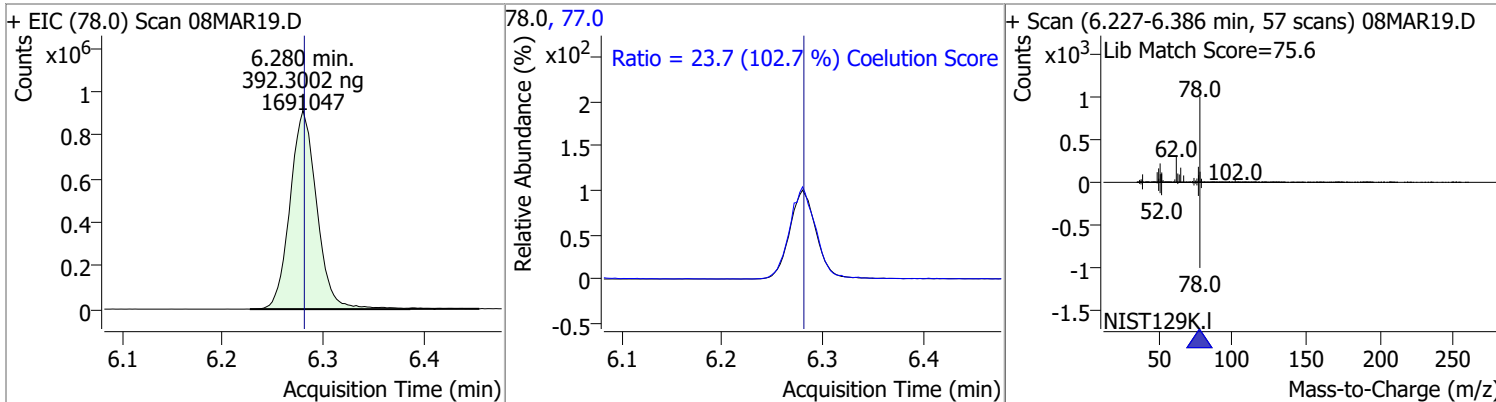
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	405.3589	6.04	0.00	670247	110.0	35.2	6.1	66.1
					77.0	31.0	1.1	61.1



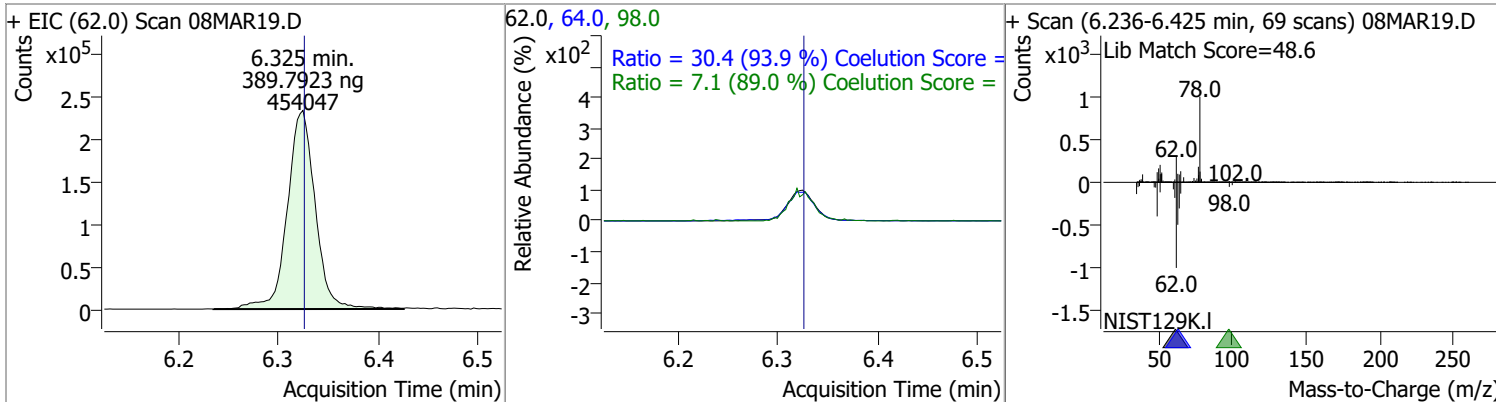
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	380.2714	6.23	0.00	182831	65.0	196.6	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	392.3002	6.28	0.00	1691047	77.0	23.7	0.0	53.0

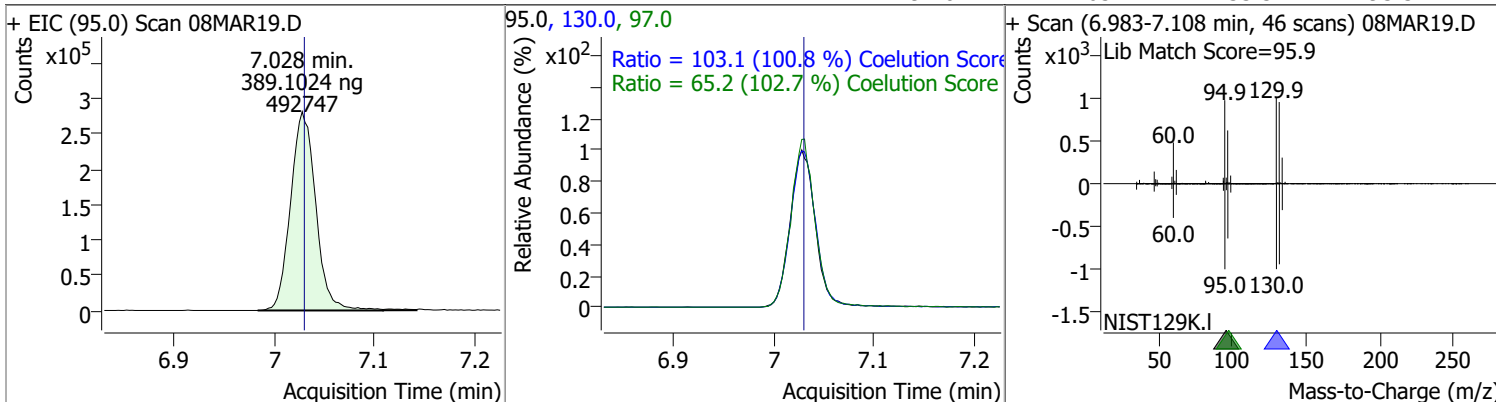


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	389.7923	6.32	0.00	454047	64.0	30.4	2.3	62.3
					98.0	7.1	0.0	38.0

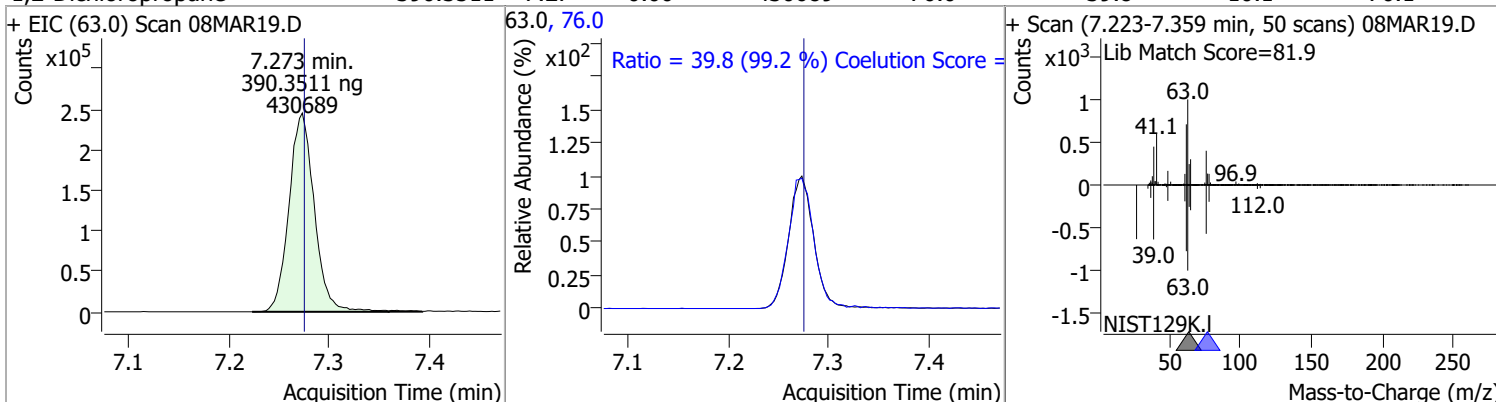


# Quantitation Results Report (QT Reviewed)

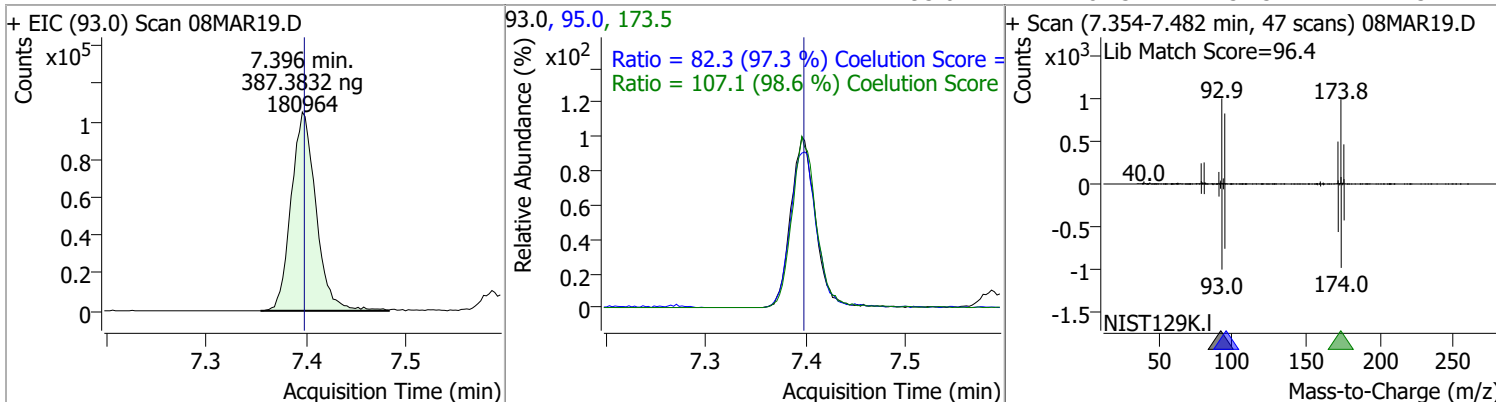
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	389.1024	7.03	0.00	492747	130.0	103.1	72.3	132.3
					97.0	65.2	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	390.3511	7.27	0.00	430689	76.0	39.8	10.1	70.1

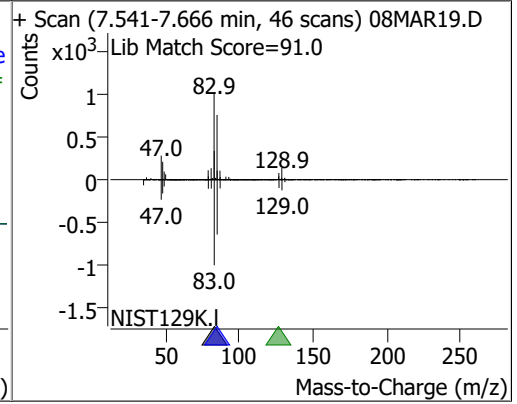
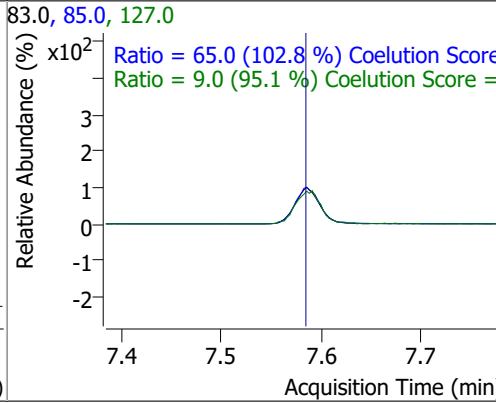
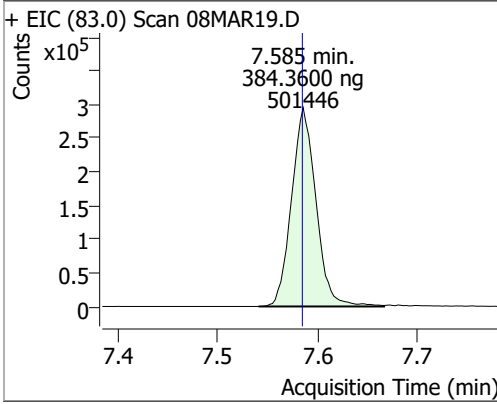


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	387.3832	7.40	0.00	180964	173.5	107.1	78.6	138.6
					95.0	82.3	54.5	114.5

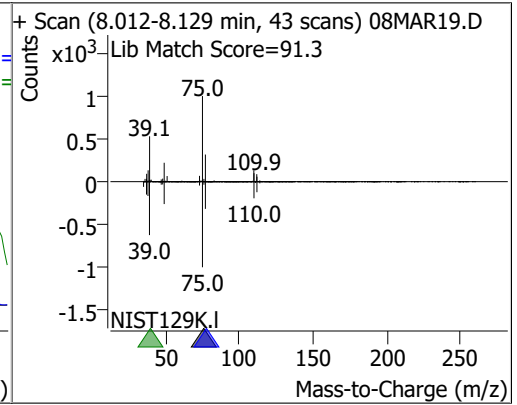
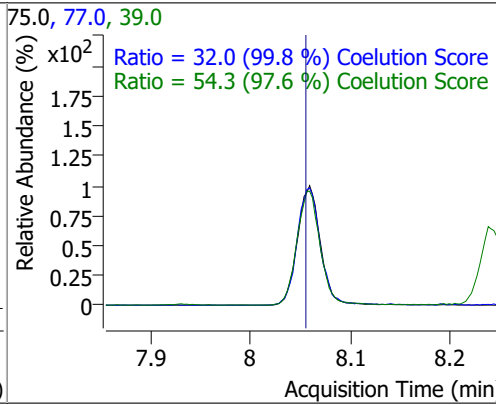
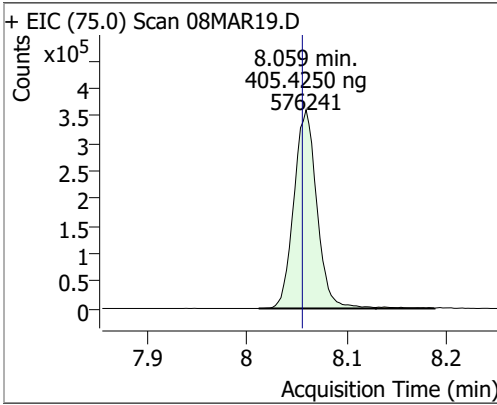


# Quantitation Results Report (QT Reviewed)

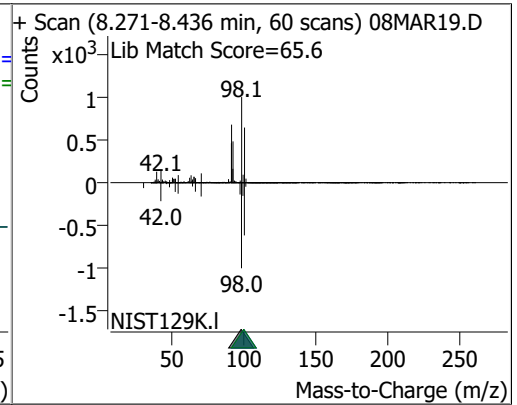
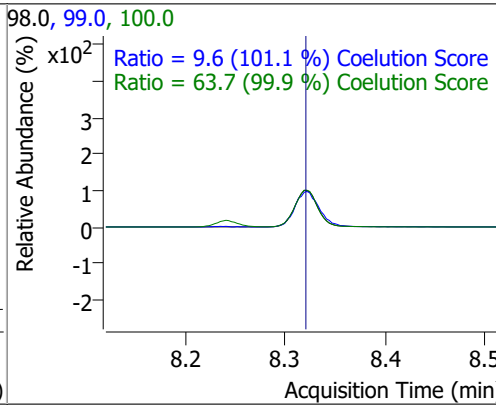
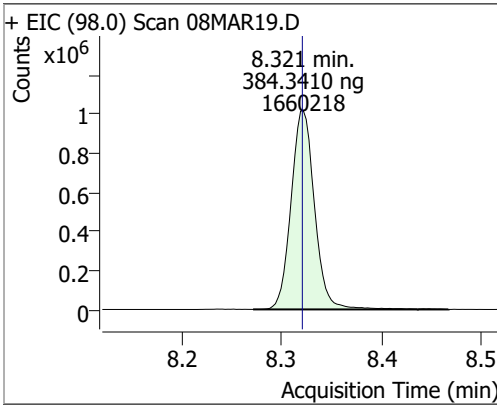
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	384.3600	7.59	0.00	501446	85.0	65.0	33.2	93.2
					127.0	9.0	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	405.4250	8.06	0.00	576241	39.0	54.3	25.6	85.6
					77.0	32.0	2.0	62.0



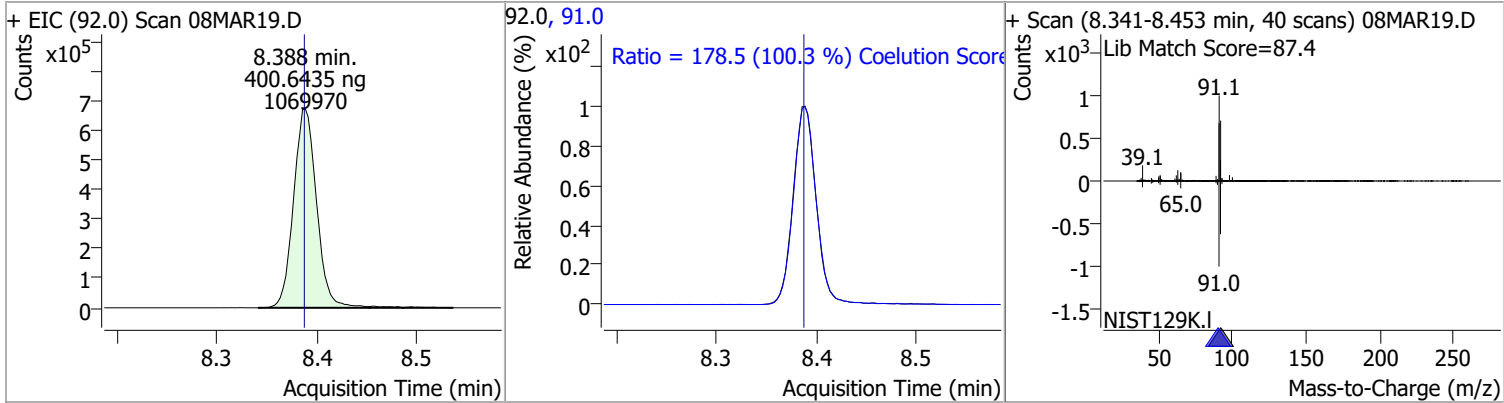
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	384.3410	8.32	0.00	1660218	100.0	63.7	33.7	93.7
					99.0	9.6	0.0	39.5



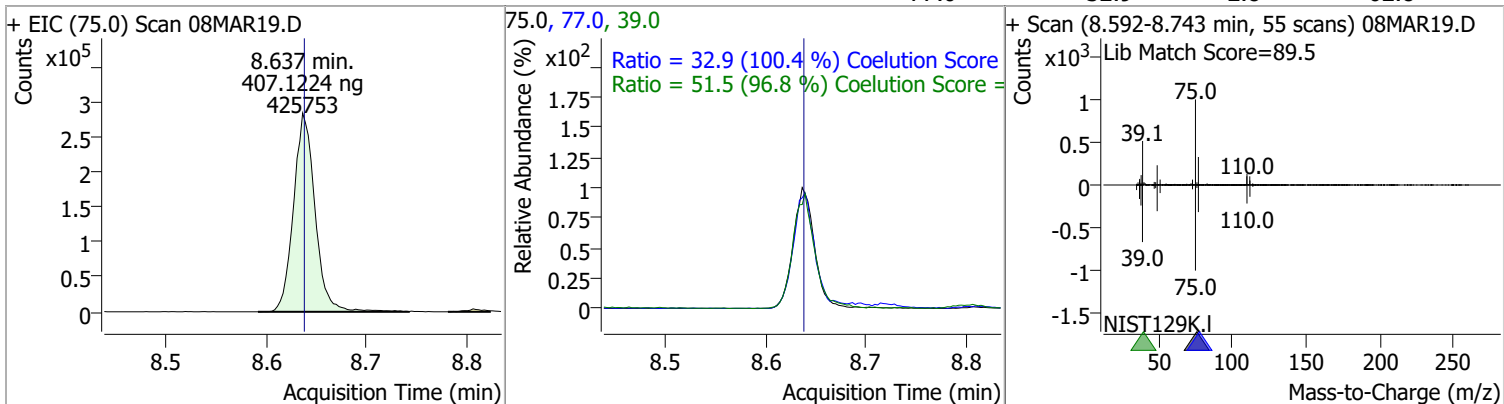


# Quantitation Results Report (QT Reviewed)

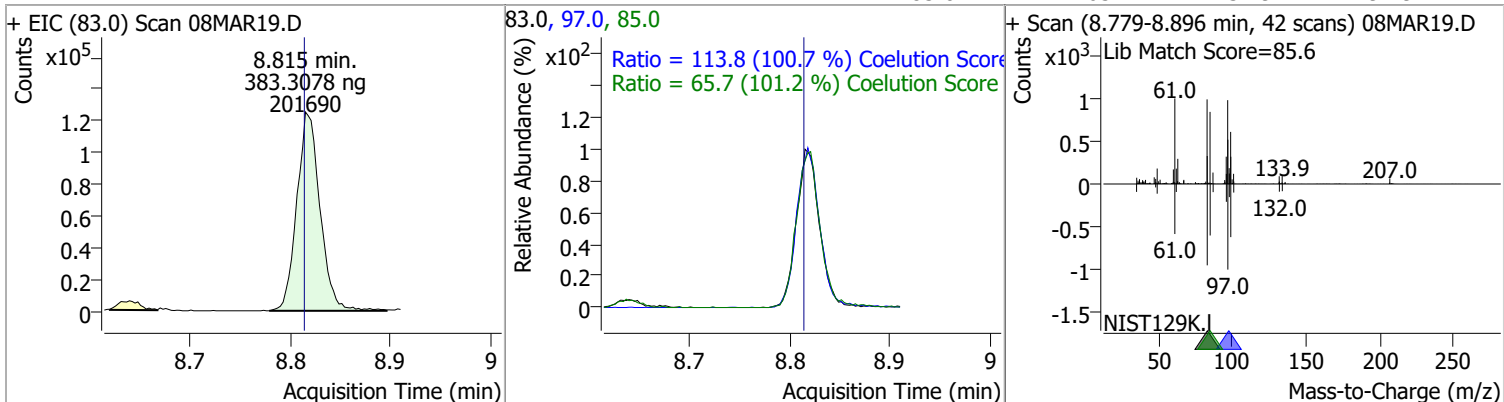
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	400.6435	8.39	0.00	1069970	91.0	178.5	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	407.1224	8.64	0.00	425753	39.0	51.5	23.2	83.2
					77.0	32.9	2.8	62.8

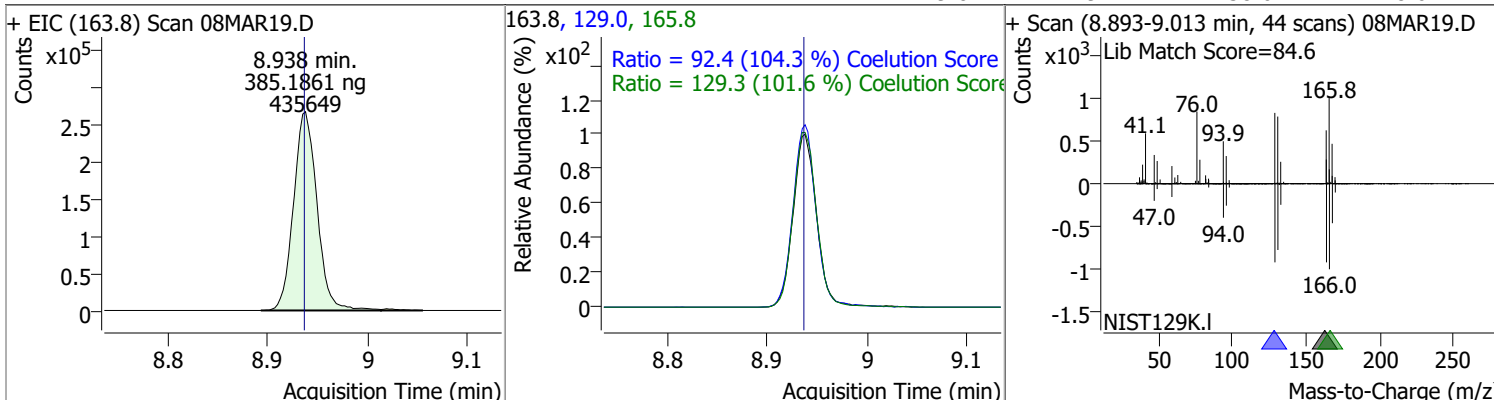


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	383.3078	8.82	0.00	201690	97.0	113.8	83.0	143.0
					85.0	65.7	34.9	94.9

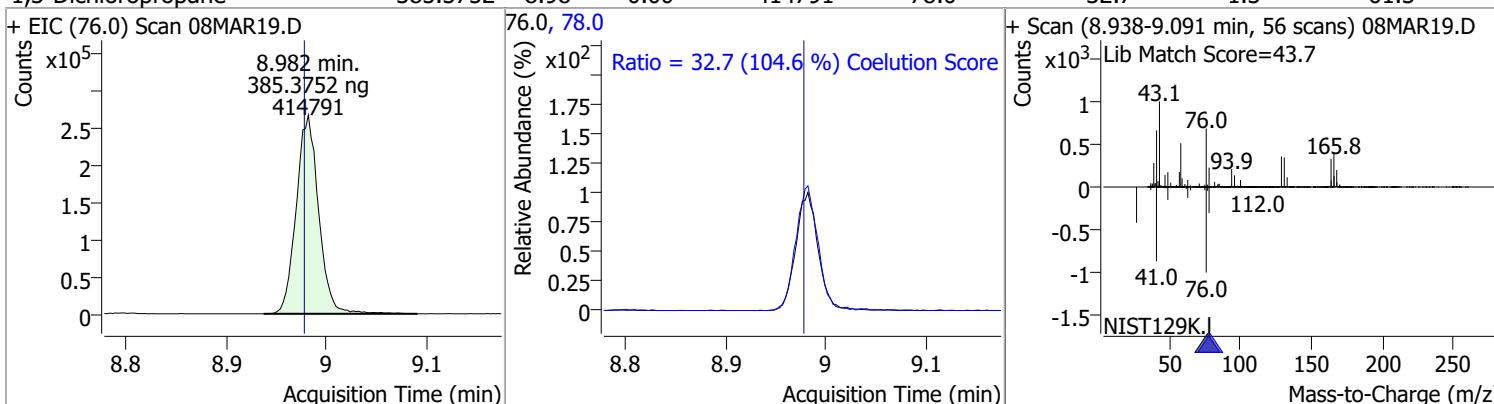


# Quantitation Results Report (QT Reviewed)

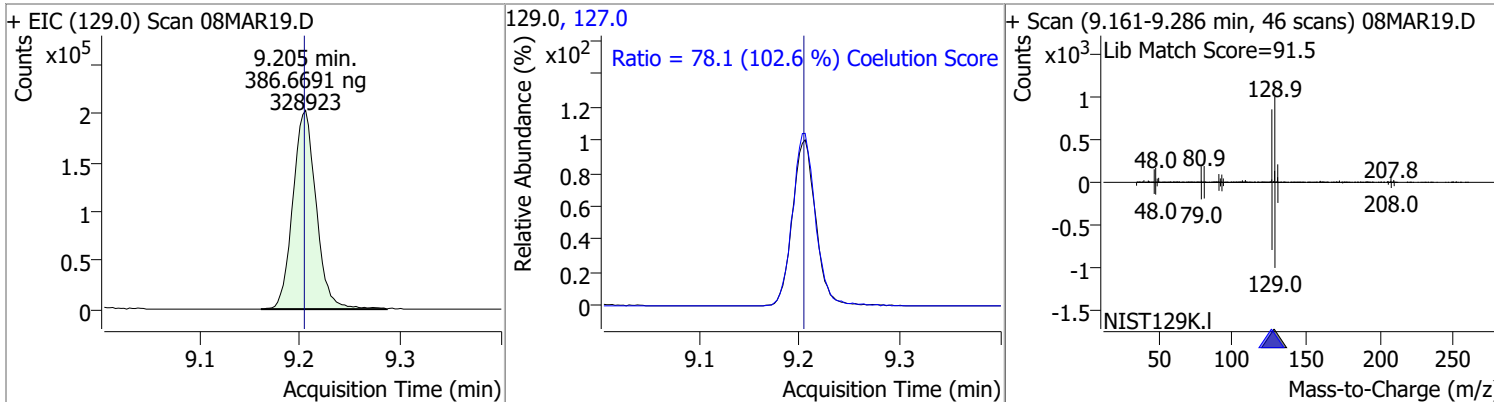
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	385.1861	8.94	0.00	435649	165.8	129.3	97.2	157.2
					129.0	92.4	58.6	118.6



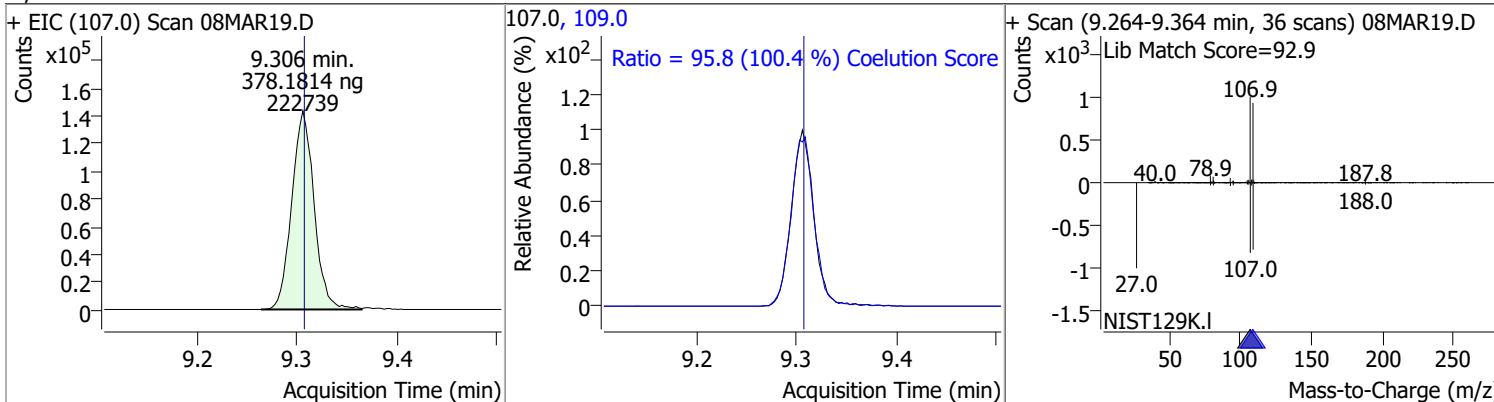
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	385.3752	8.98	0.00	414791	78.0	32.7	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	386.6691	9.21	0.00	328923	127.0	78.1	46.1	106.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	378.1814	9.31	0.00	222739	109.0	95.8	65.4	125.4

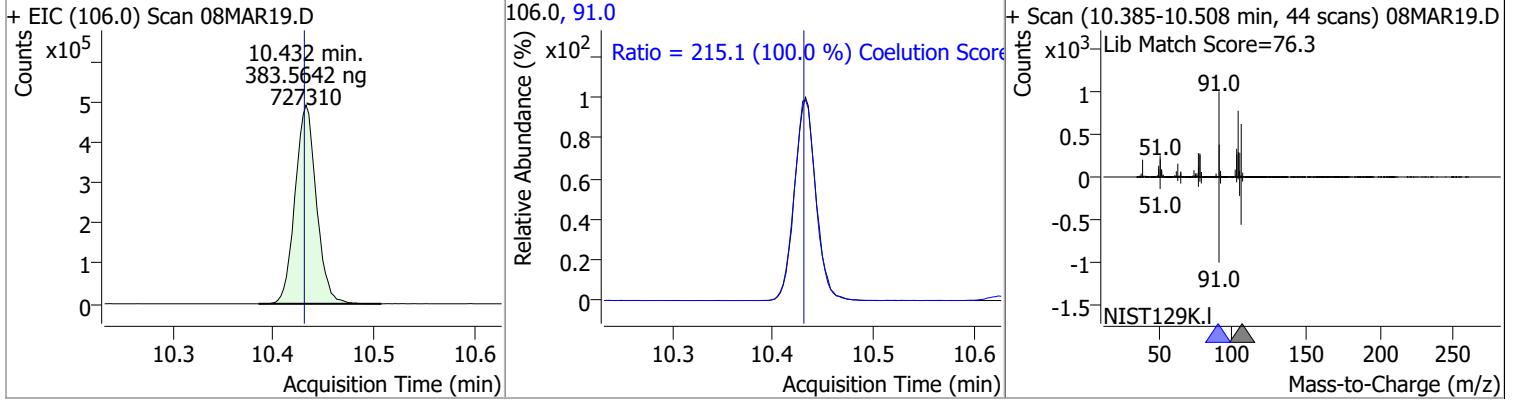


# Quantitation Results Report (QT Reviewed)

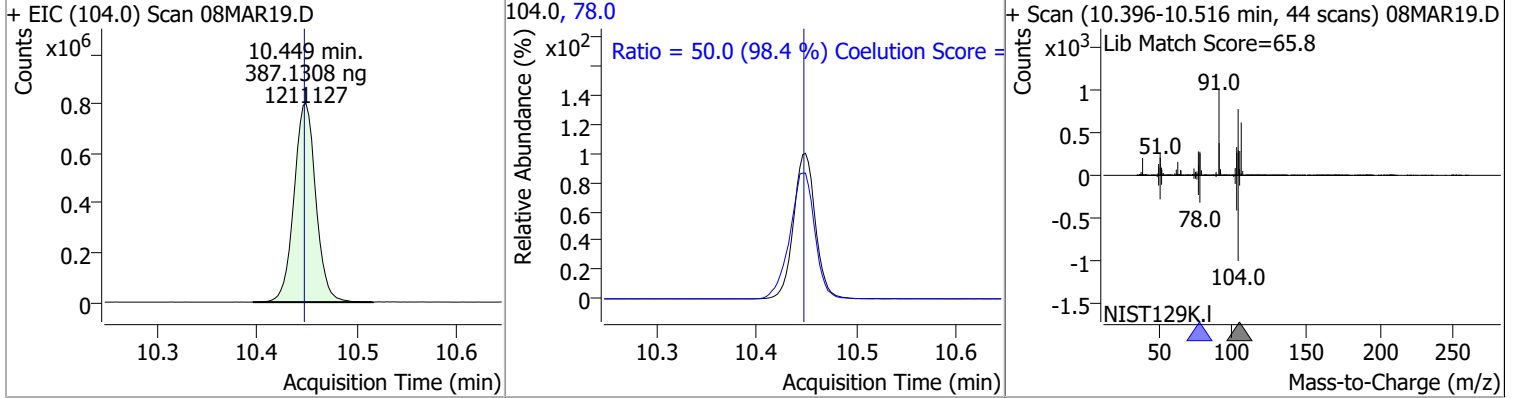
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	387.2354	9.80	0.00	1152588	114.0	31.6	1.6	61.6
+ EIC (112.0) Scan 08MAR19.D			112.0, 114.0			+ Scan (9.758-9.880 min, 44 scans) 08MAR19.D		
1,1,1,2-Tetrachloroethane	387.7498	9.89	0.00	404000	133.0	97.3	67.9	127.9
+ EIC (131.0) Scan 08MAR19.D			131.0, 133.0			+ Scan (9.847-9.970 min, 45 scans) 08MAR19.D		
Ethylbenzene	384.9662	9.92	0.00	2111220	106.0	31.0	1.2	61.2
+ EIC (91.0) Scan 08MAR19.D			91.0, 106.0			+ Scan (9.872-9.995 min, 45 scans) 08MAR19.D		
m+p-Xylenes	769.8443	10.04	0.00	1656669	91.0	203.3	173.1	233.1
+ EIC (106.0) Scan 08MAR19.D			106.0, 91.0			+ Scan (9.995-10.126 min, 48 scans) 08MAR19.D		

# Quantitation Results Report (QT Reviewed)

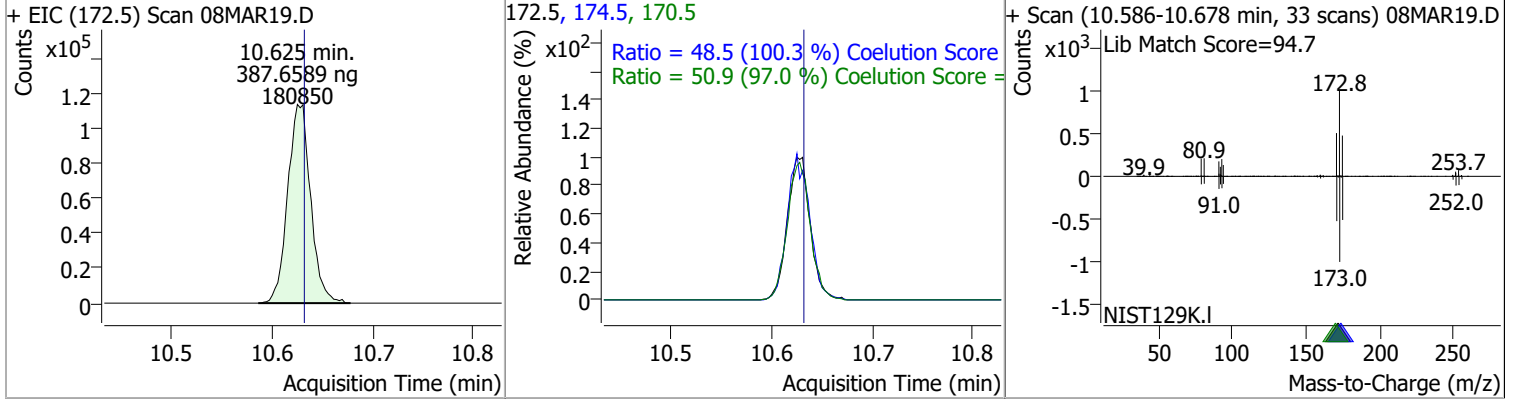
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	383.5642	10.43	0.00	727310	91.0	215.1	185.1	245.1



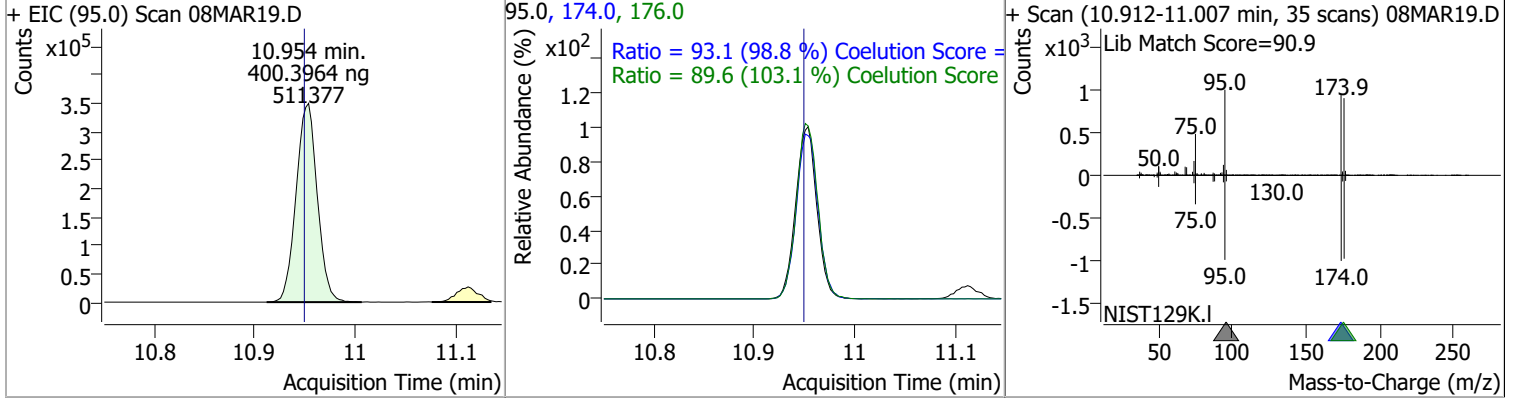
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	387.1308	10.45	0.00	1211127	78.0	50.0	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	387.6589	10.62	-0.01	180850	170.5	50.9	22.5	82.5
					174.5	48.5	18.3	78.3

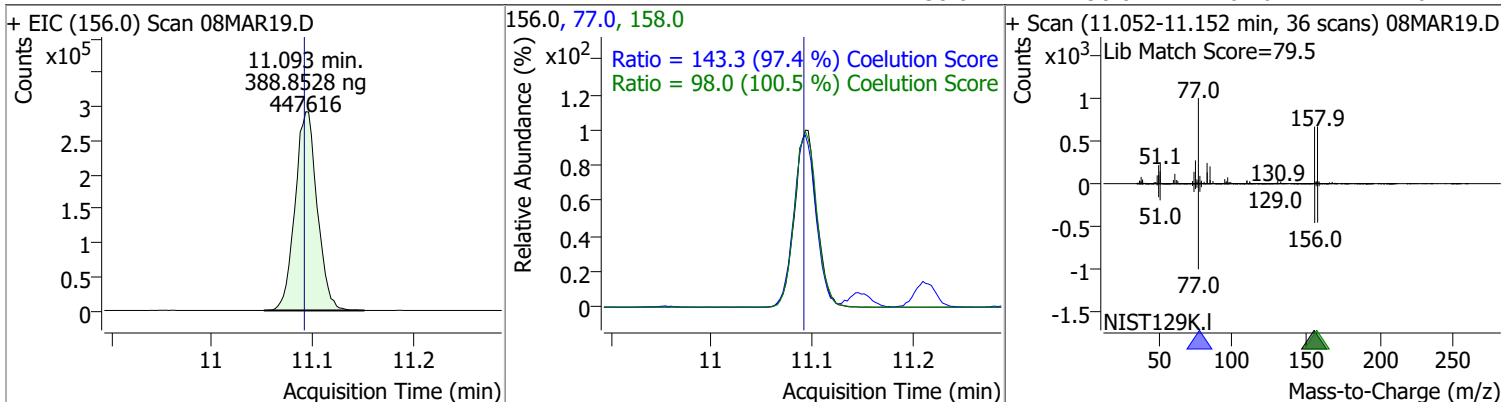


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	400.3964	10.95	0.01	511377	174.0	93.1	64.2	124.2
					176.0	89.6	56.9	116.9

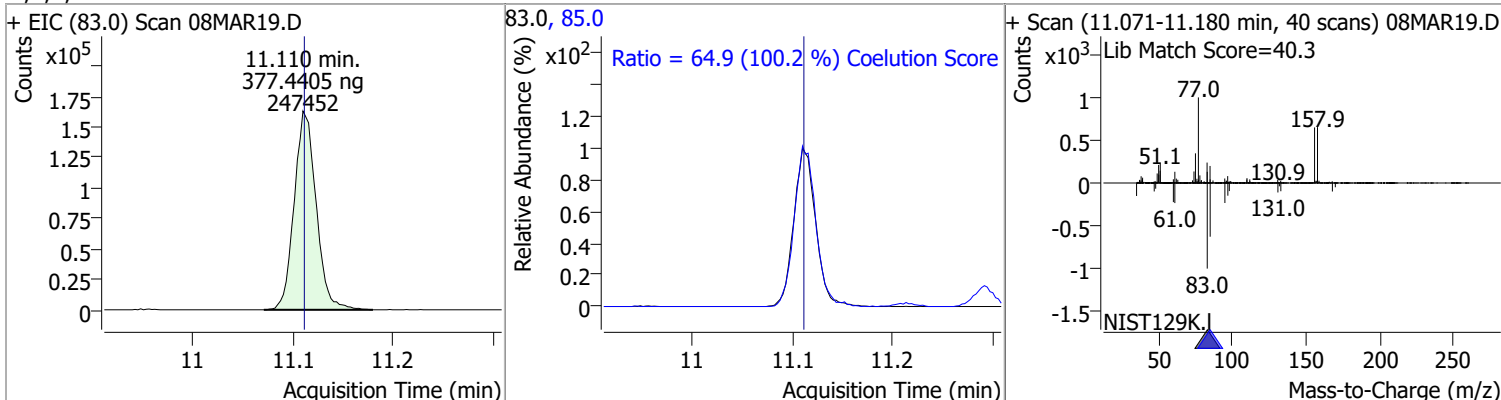


# Quantitation Results Report (QT Reviewed)

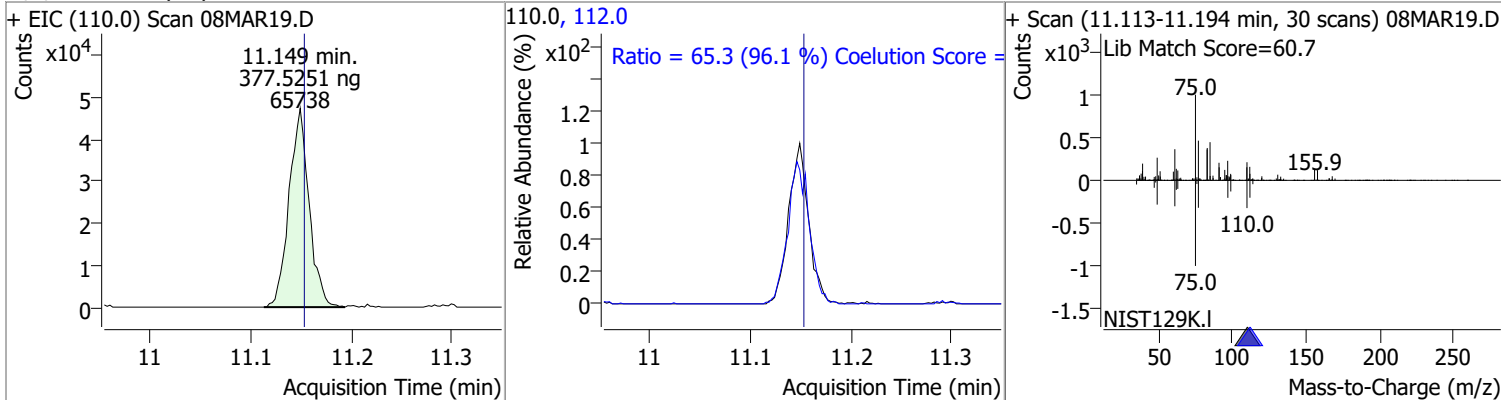
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	388.8528	11.09	0.00	447616	77.0	143.3	117.1	177.1
					158.0	98.0	67.6	127.6



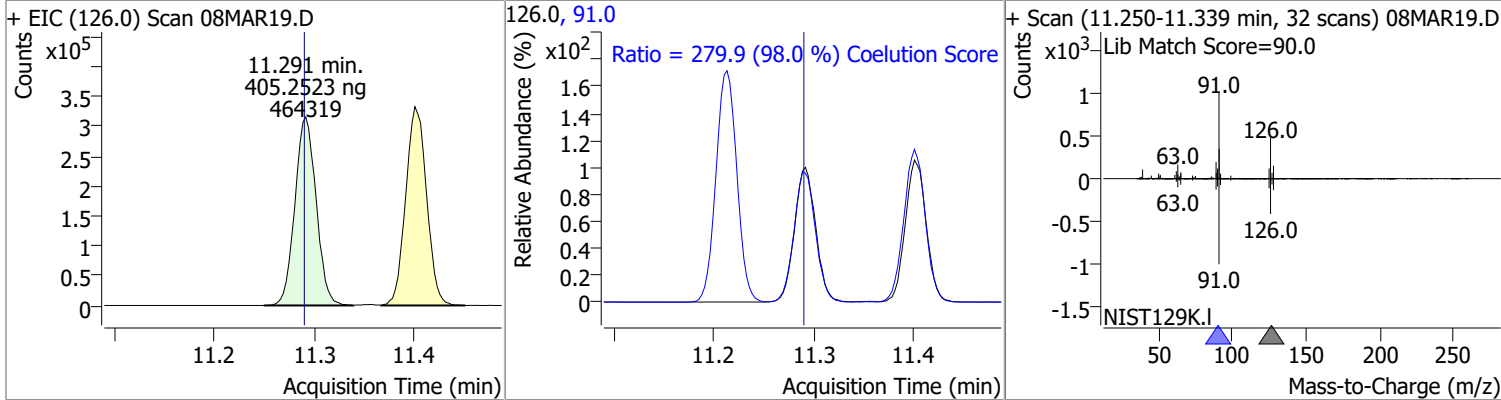
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	377.4405	11.11	0.00	247452	85.0	64.9	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	377.5251	11.15	0.00	65738	112.0	65.3	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	405.2523	11.29	0.00	464319	91.0	279.9	255.6	315.6

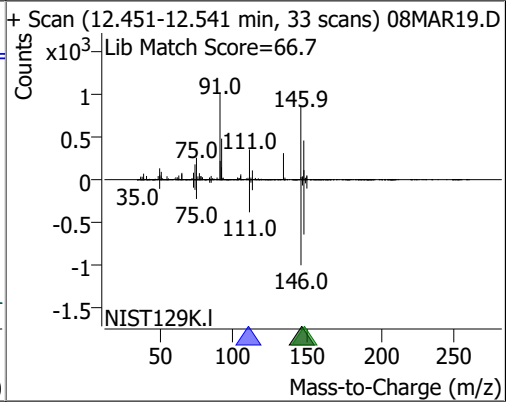
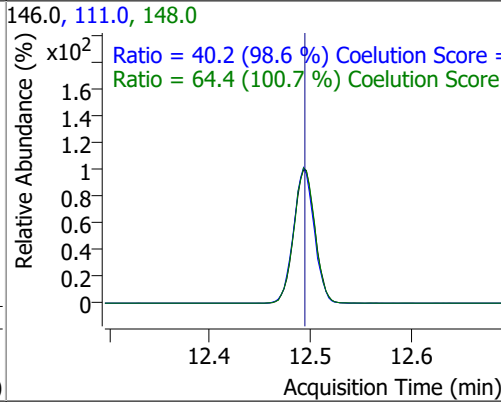
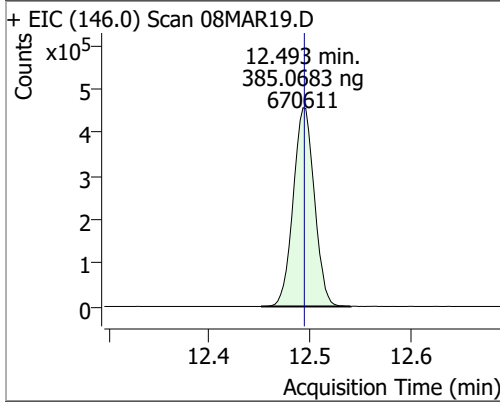


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	406.4152	11.40	0.00	1523298	126.0	31.6	1.5	61.5
+ EIC (91.0) Scan 08MAR19.D			91.0, 126.0			+ Scan (11.358-11.448 min, 33 scans) 08MAR19.D		
1,3-Dichlorobenzene	392.9481	12.04	0.00	807641	148.0	64.1	34.3	94.3
+ EIC (146.0) Scan 08MAR19.D			146.0, 111.0, 148.0			+ Scan (11.991-12.083 min, 34 scans) 08MAR19.D		
1,4-Dichlorobenzene	378.7078	12.13	0.00	812896	148.0	64.3	33.5	93.5
+ EIC (146.0) Scan 08MAR19.D			146.0, 111.0, 148.0			+ Scan (12.083-12.175 min, 34 scans) 08MAR19.D		

# Quantitation Results Report (QT Reviewed)

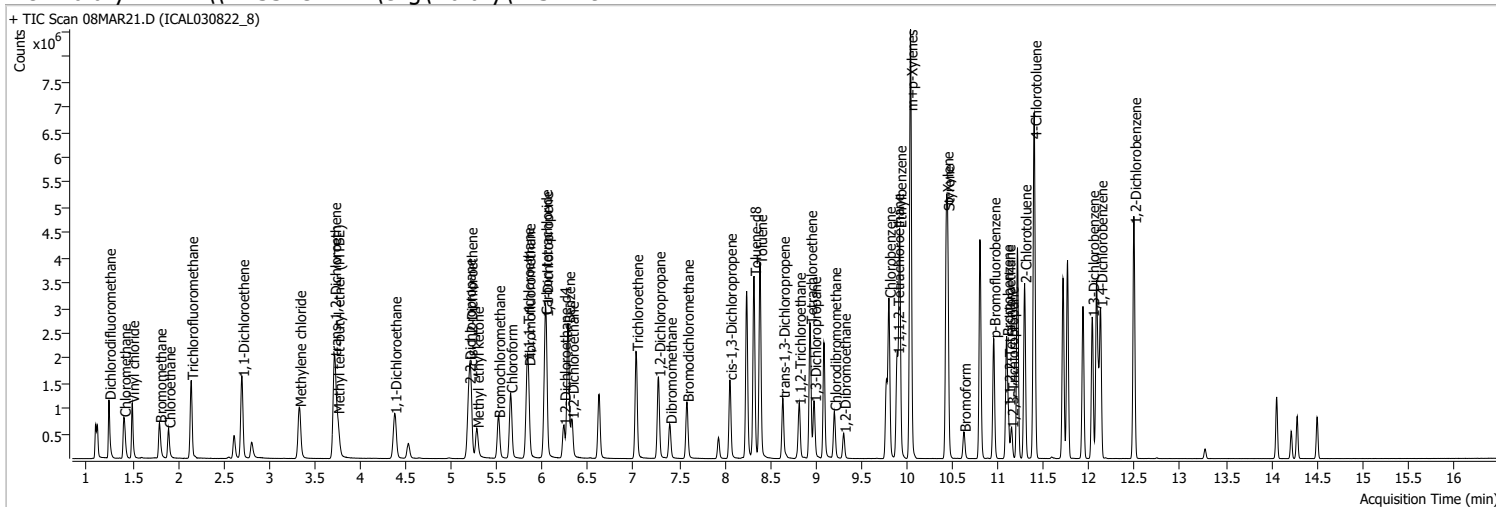
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	385.0683	12.49	0.00	670611	148.0	64.4	33.9	93.9
					111.0	40.2	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File 08MAR21.D  
 Acq. Method 5975CACQF.M  
 Sample Name ICAL030822\_8  
 Vial 21  
 DA Method File VOA5975C\_8260B\_SHT\_DoD\_030822.m  
 Tune File BFB\_Atune3.u  
 Batch Name VG030822\_8260B.batch.bin  
 Ref Library \\MASSHUNTER\Org\Library\NIST129K.I

Operator MSC  
 Acq. Date-Time 3/8/2022 7:51:28 PM  
 Instrument VOA5975C  
 Multiplier 1.00  
 Comment  
 Tune Date 10/11/2021 4:02:00 PM  
 Last Calib Update 3/9/2022 9:53:53 AM



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.621	96.0	1086245	250.0000	ng	0.000
M Chlorobenzene-d5	9.775	82.0	417151	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	348107	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	538853	488.2180	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 195.29%	*	
S 1,2-Dichloroethane-d4	6.233	67.0	239934	487.0178	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 194.81%	*	
S Toluene-d8	8.322	98.0	2190448	492.7250	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 197.09%	*	
S p-Bromofluorobenzene	10.951	95.0	669271	521.4089	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 208.56%	*	
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	770649	491.2940	ng	99
T Chloromethane	1.406	50.0	889781	489.3582	ng	99
T Vinyl chloride	1.498	62.0	823410	501.3097	ng	99
T Bromomethane	1.796	96.0	379808	520.3583	ng	99
T Chloroethane	1.897	64.0	406643	468.0938	ng	99
T Trichlorofluoromethane	2.145	101.0	1051347	507.3579	ng	100
T 1,1-Dichloroethene	2.703	96.0	578450	524.8618	ng	97
T Methylene chloride	3.330	49.0	773488	462.1939	ng	100
T trans-1,2-Dichloroethene	3.715	96.0	575122	501.2615	ng	99
T Methyl tert-butyl ether (MTBE)	3.751	73.0	750916	525.2906	ng	100
T 1,1-Dichloroethane	4.376	63.0	1085722	494.0485	ng	98
T 2,2-Dichloropropane	5.190	77.0	809783	478.1152	ng	98
T cis-1,2-Dichloroethene	5.210	96.0	598965	516.2233	ng	97
T Methyl ethyl ketone	5.279	43.0	822842	5395.5249	ng	99
T Bromochloromethane	5.513	128.0	232487	502.5668	ng	100
T Chloroform	5.650	83.0	1035233	480.7253	ng	100



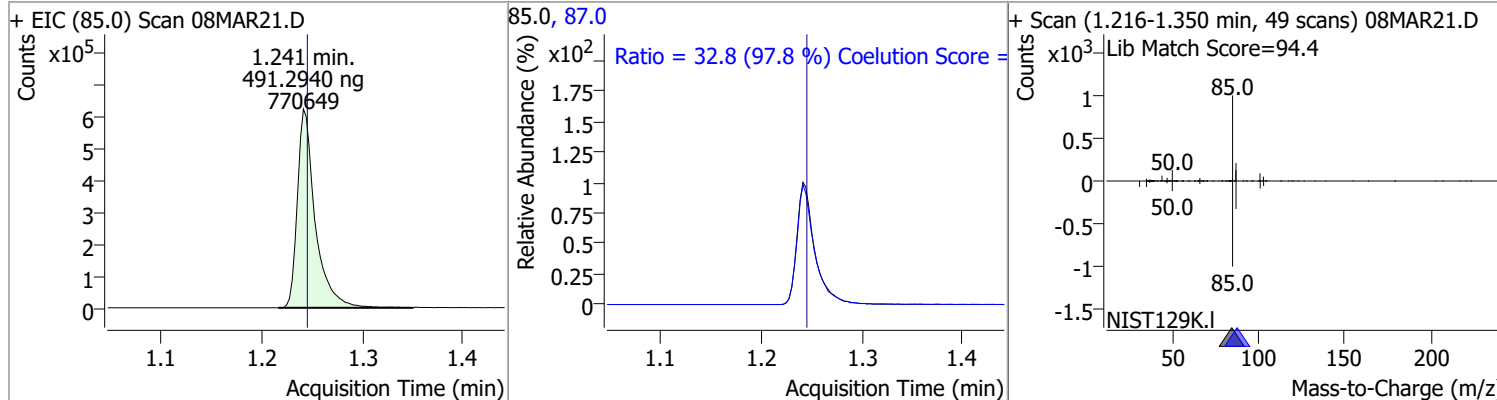
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	1031098	493.8138	ng	100
T Carbon tetrachloride	6.029	117.0	1014340	492.1113	ng	98
T 1,1-Dichloropropene	6.041	75.0	899188	530.7188	ng	99
T Benzene	6.280	78.0	2264996	512.7899	ng	98
T 1,2-Dichloroethane	6.322	62.0	598635	501.5379	ng	97
T Trichloroethene	7.028	95.0	665015	509.5483	ng	99
T 1,2-Dichloropropane	7.273	63.0	579052	509.2407	ng	97
T Dibromomethane	7.396	93.0	236430	491.0946	ng	98
T Bromodichloromethane	7.585	83.0	663286	493.3201	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	782960	534.5150	ng	98
T Toluene	8.389	92.0	1449967	526.8155	ng	97
T trans-1,3-Dichloropropene	8.637	75.0	567494	526.5535	ng	98
T 1,1,2-Trichloroethane	8.815	83.0	269231	496.4806	ng	99
T Tetrachloroethene	8.938	163.8	572328	491.0128	ng	97
T 1,3-Dichloropropane	8.983	76.0	549870	495.7109	ng	97
T Chlorodibromomethane	9.203	129.0	439454	501.2710	ng	98
T 1,2-Dibromoethane	9.306	107.0	299357	493.1821	ng	99
T Chlorobenzene	9.802	112.0	1528929	498.4278	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	539241	502.1889	ng	98
T Ethylbenzene	9.920	91.0	2822854	490.8361	ng	100
T m+p-Xylenes	10.039	106.0	2204020	981.5290	ng	99
T o-Xylene	10.433	106.0	982061	492.1061	ng	100
T Styrene	10.447	104.0	1599133	488.5574	ng	100
T Bromoform	10.625	172.5	233715	498.4773	ng	99
T Bromobenzene	11.094	156.0	593083	512.6519	ng	98
T 1,1,2,2-Tetrachloroethane	11.113	83.0	327558	497.1338	ng	99
T 1,2,3-Trichloropropane	11.147	110.0	85917	490.9486	ng	94
T 2-Chlorotoluene	11.292	126.0	614521	533.6706	ng	98
T 4-Chlorotoluene	11.400	91.0	2000712	531.1255	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	1070002	517.9990	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	1075885	498.7268	ng	99
T 1,2-Dichlorobenzene	12.493	146.0	898029	513.0799	ng	99

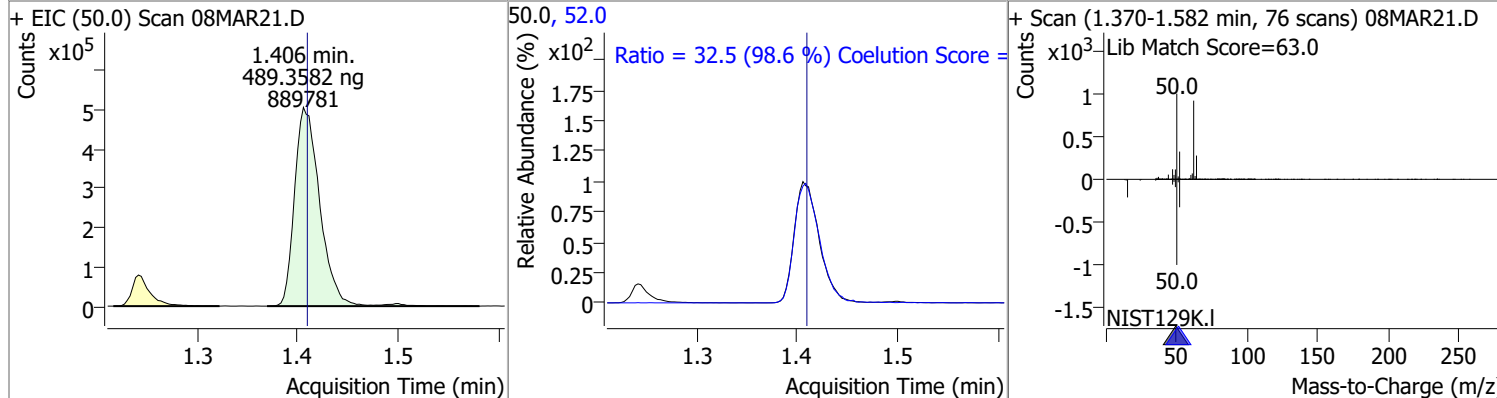
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

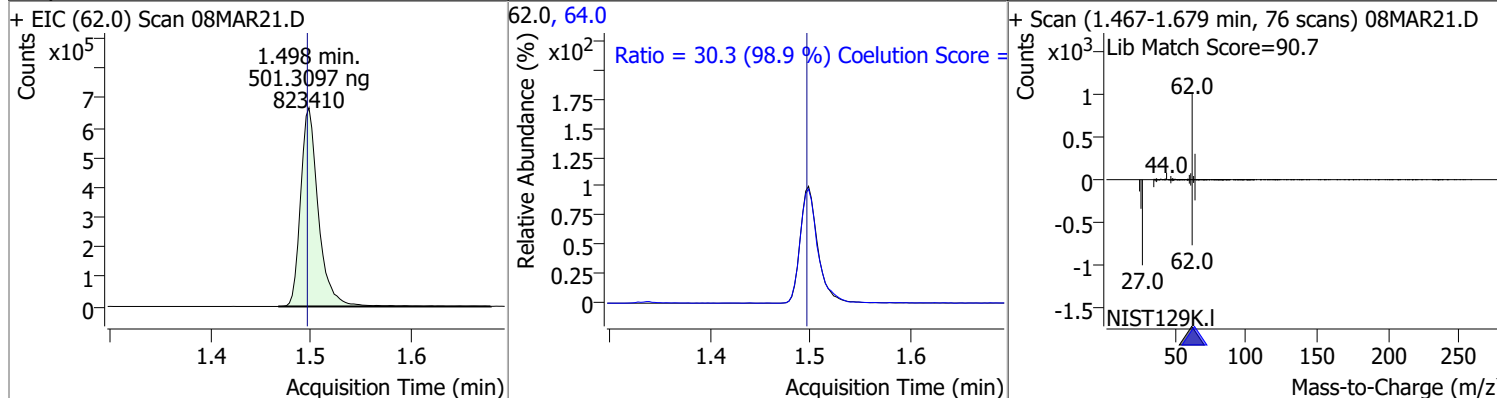
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	491.2940	1.24	0.00	770649	87.0	32.8	3.5	63.5



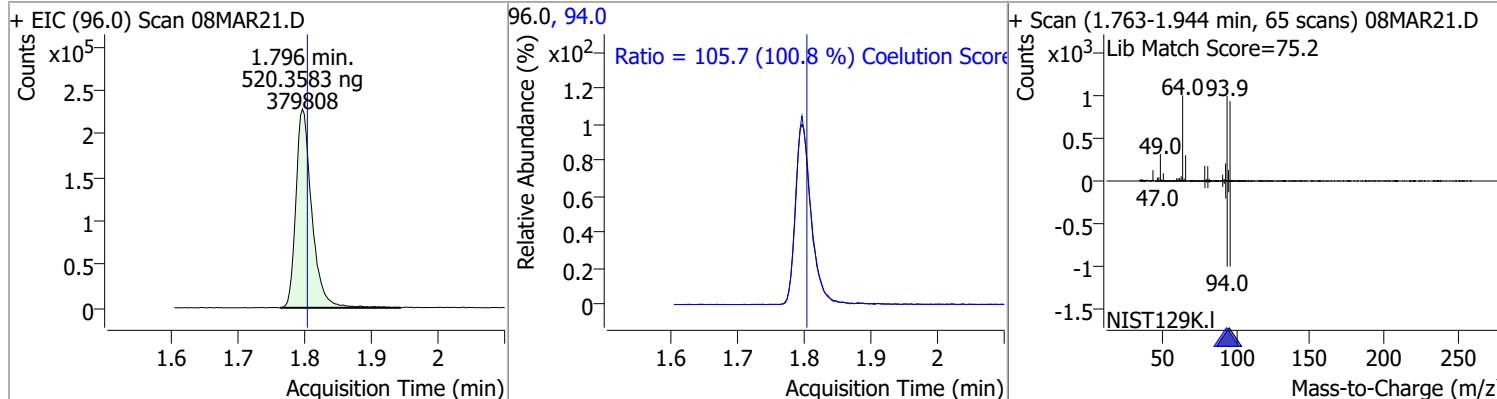
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	489.3582	1.41	0.00	889781	52.0	32.5	3.0	63.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	501.3097	1.50	0.00	823410	64.0	30.3	0.6	60.6

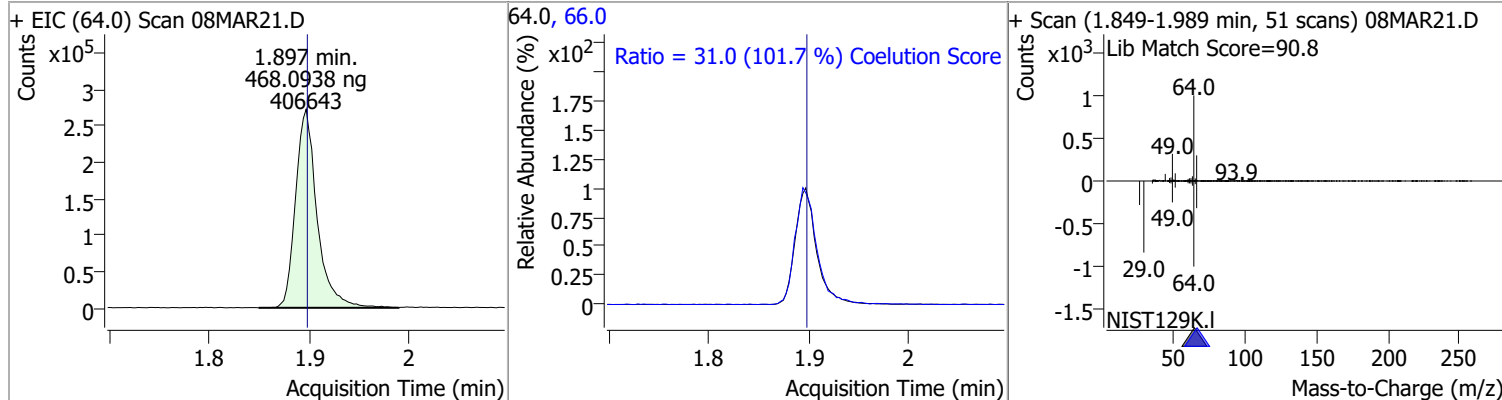


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	520.3583	1.80	-0.01	379808	94.0	105.7	74.8	134.8

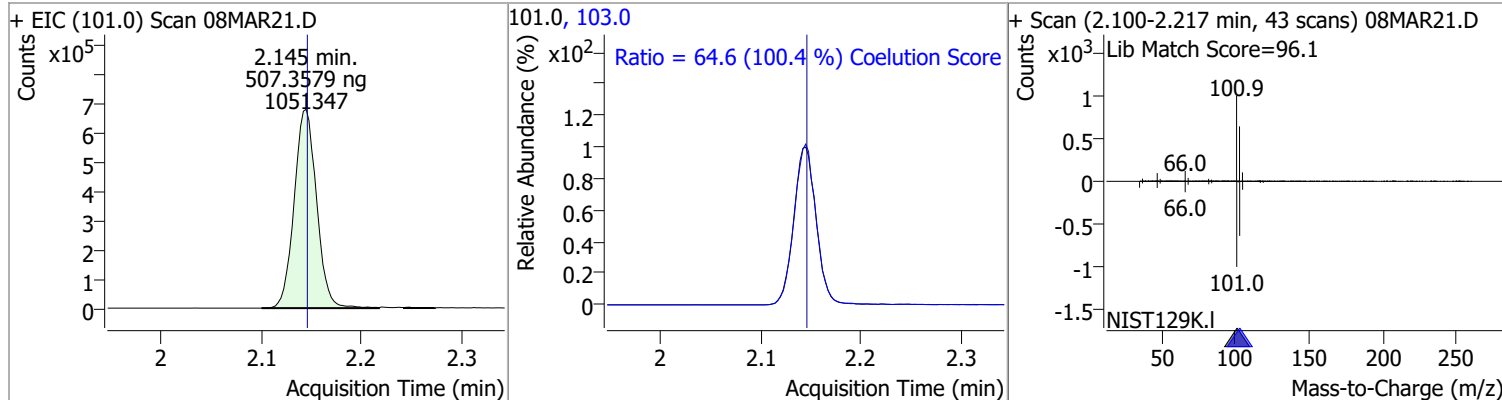


# Quantitation Results Report (QT Reviewed)

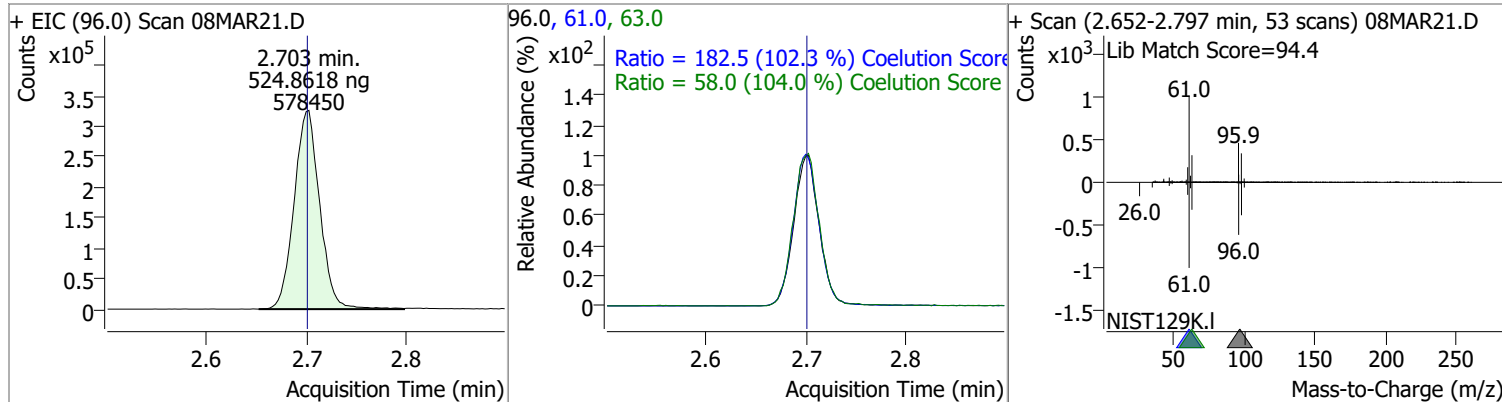
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	468.0938	1.90	0.00	406643	66.0	31.0	0.4	60.4



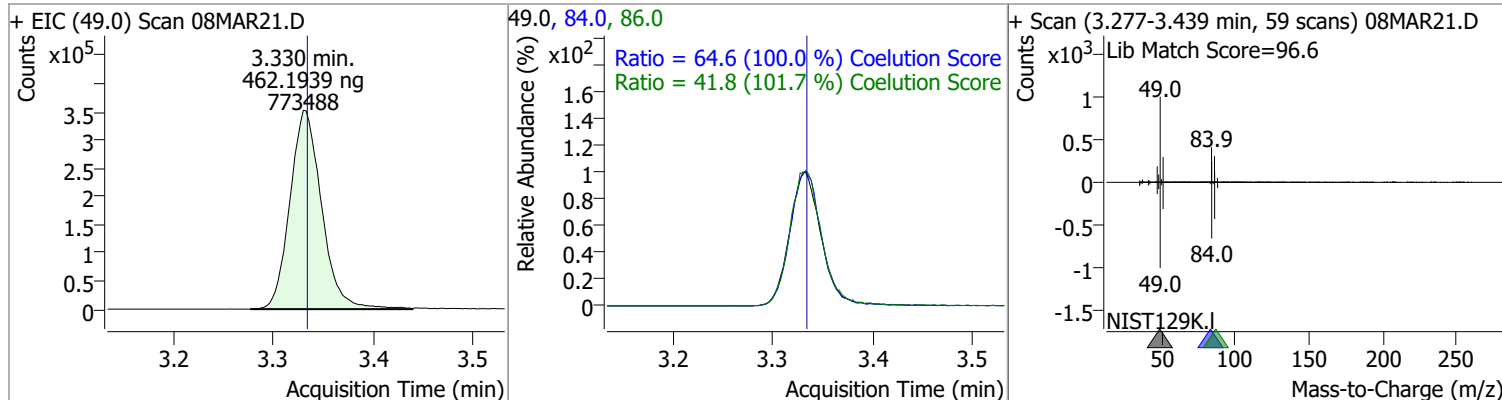
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	507.3579	2.14	0.00	1051347	103.0	64.6	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	524.8618	2.70	0.00	578450	61.0	182.5	148.4	208.4
					63.0	58.0	25.7	85.7

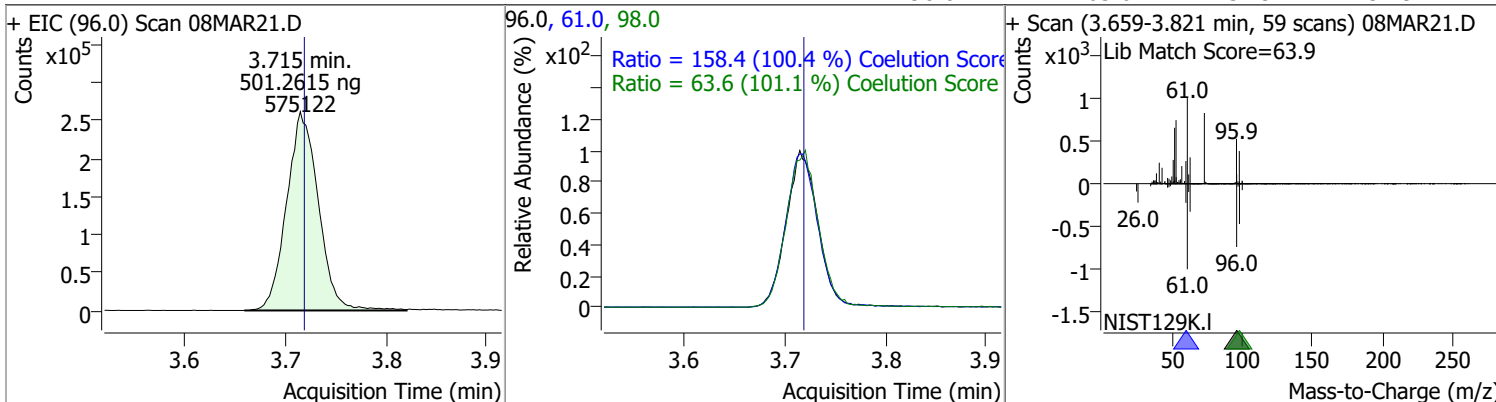


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	462.1939	3.33	0.00	773488	84.0	64.6	34.7	94.7
					86.0	41.8	11.1	71.1

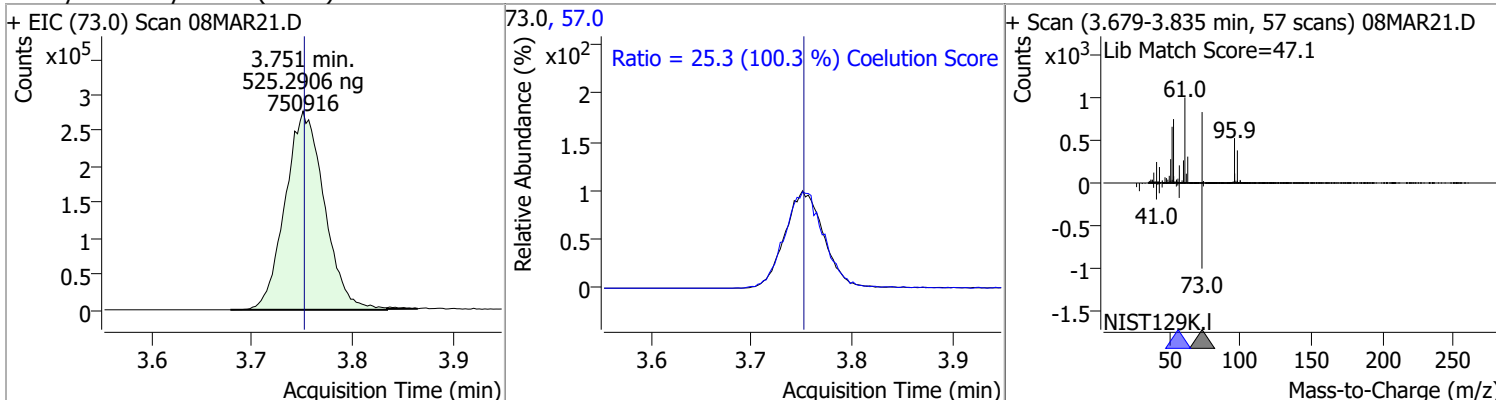


# Quantitation Results Report (QT Reviewed)

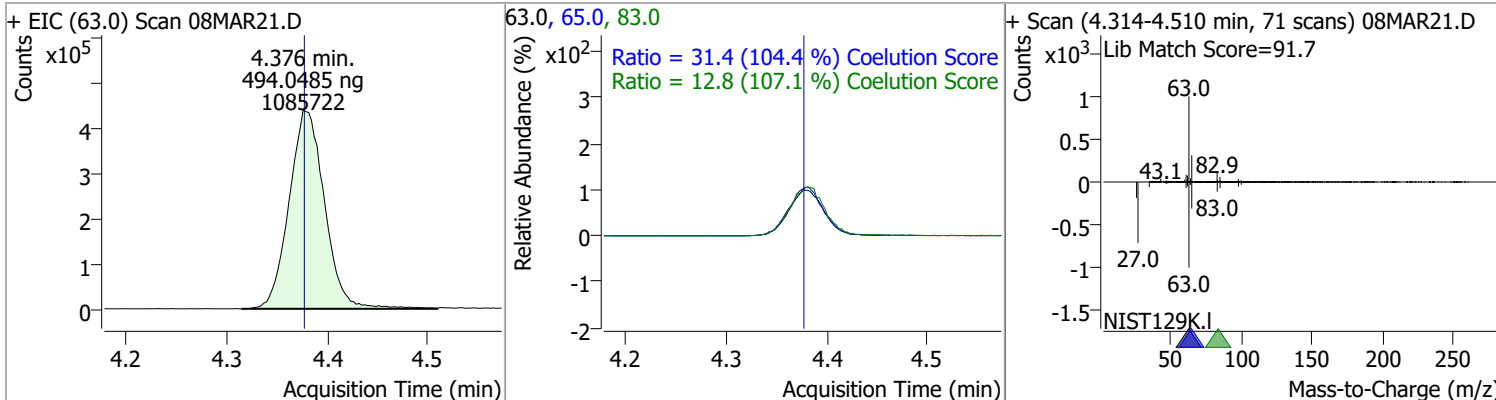
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	501.2615	3.71	0.00	575122	61.0	158.4	127.7	187.7
					98.0	63.6	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	525.2906	3.75	0.00	750916	57.0	25.3	0.0	55.3

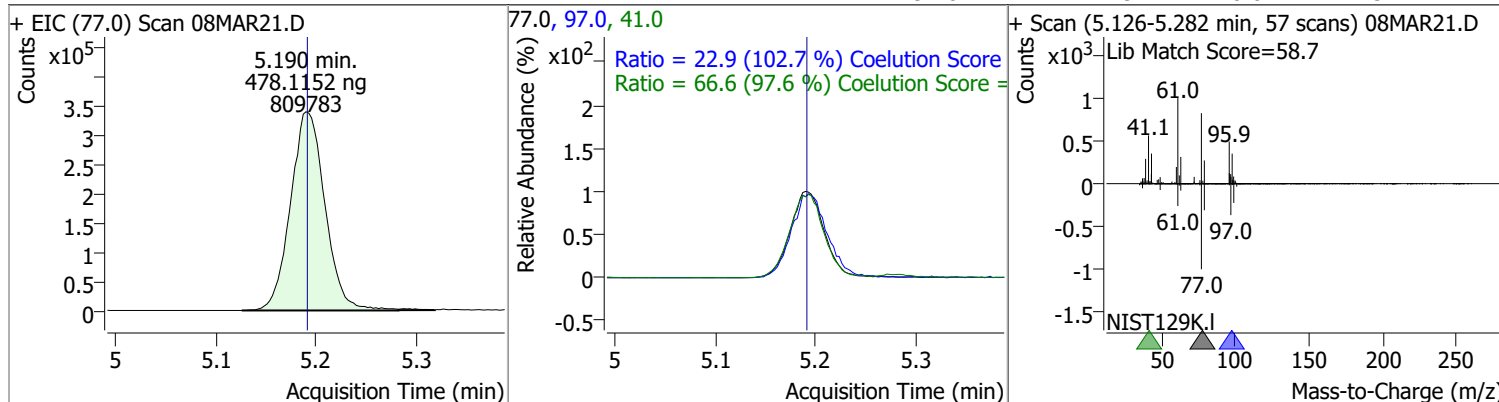


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	494.0485	4.38	0.00	1085722	65.0	31.4	0.1	60.1
					83.0	12.8	0.0	41.9

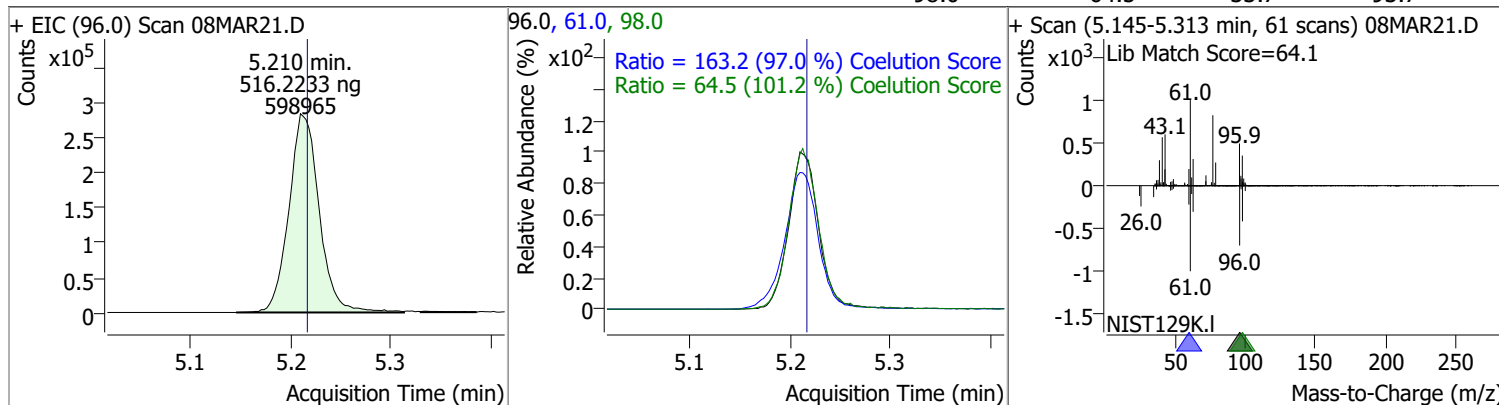


# Quantitation Results Report (QT Reviewed)

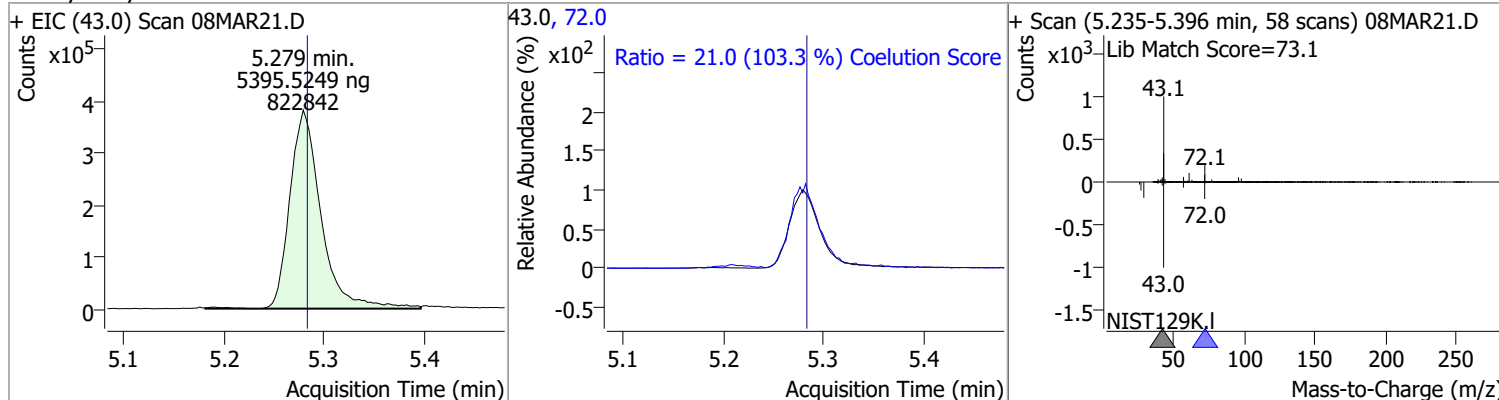
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	478.1152	5.19	0.00	809783	41.0	66.6	38.2	98.2
					97.0	22.9	0.0	52.4



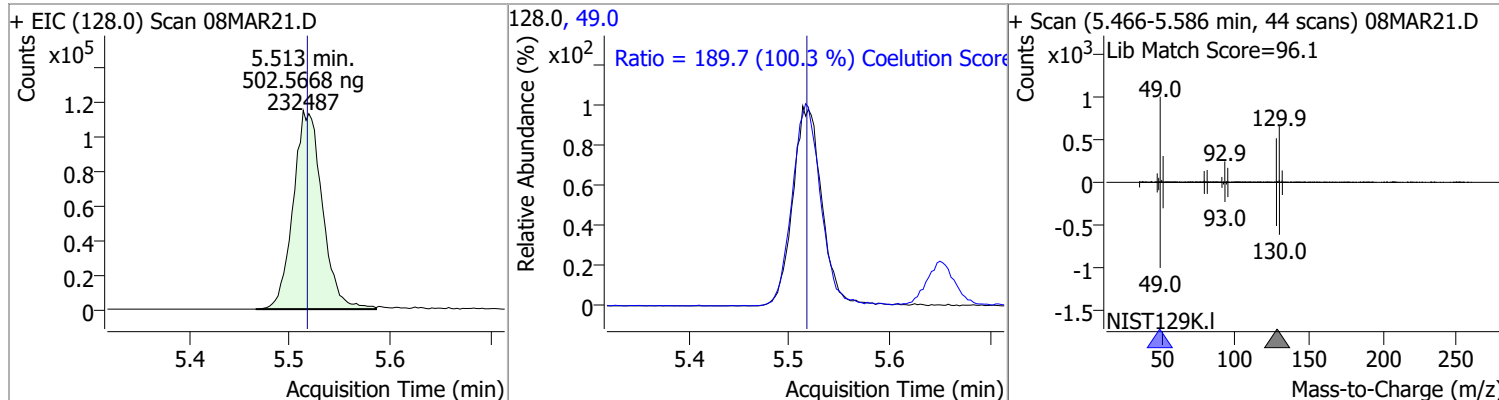
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	516.2233	5.21	-0.01	598965	61.0	163.2	138.1	198.1
					98.0	64.5	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	5395.5249	5.28	0.00	822842	72.0	21.0	0.0	50.3

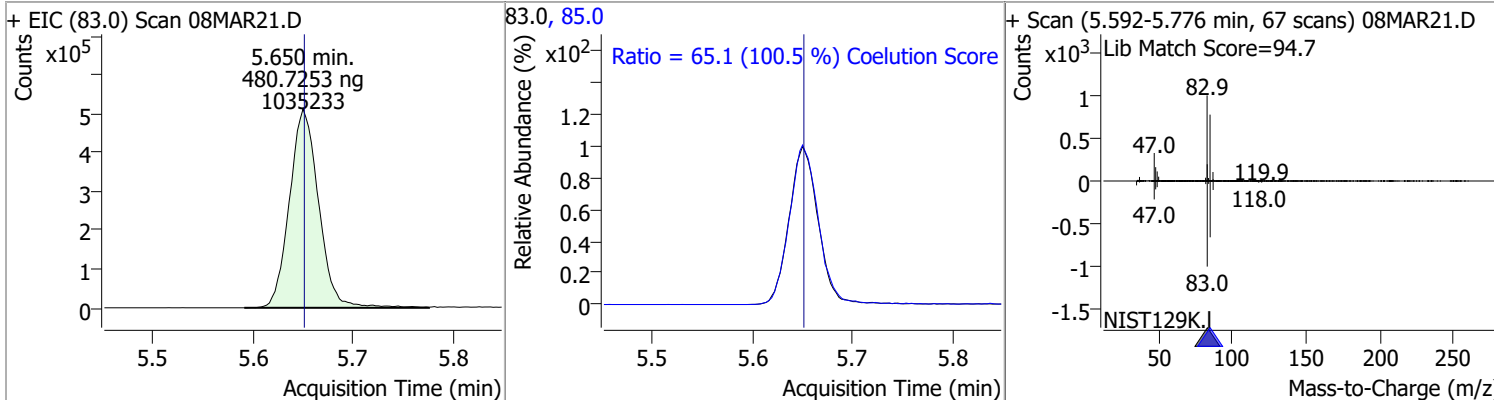


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	502.5668	5.51	0.00	232487	49.0	189.7	159.1	219.1

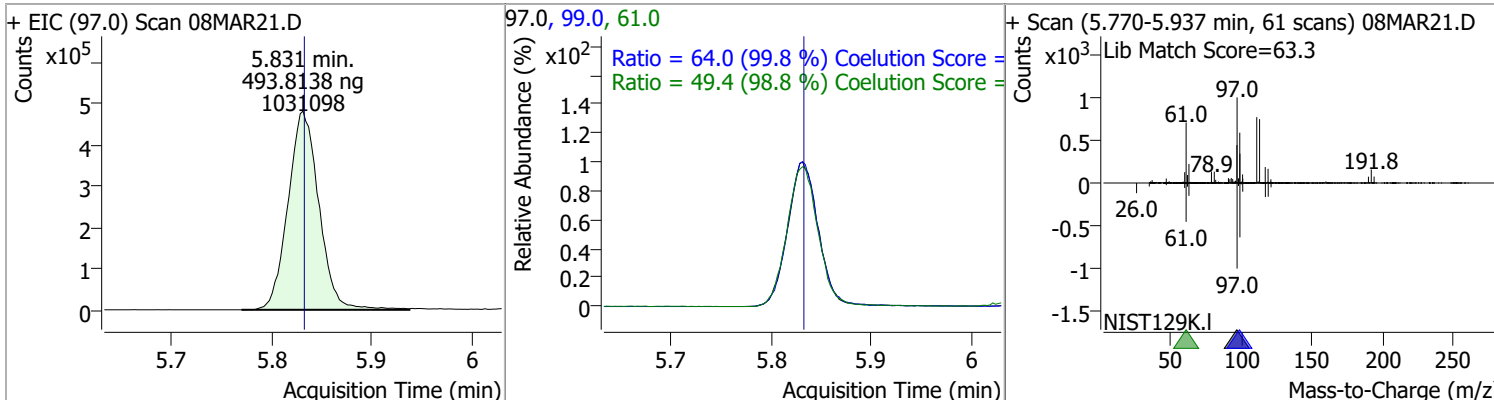


# Quantitation Results Report (QT Reviewed)

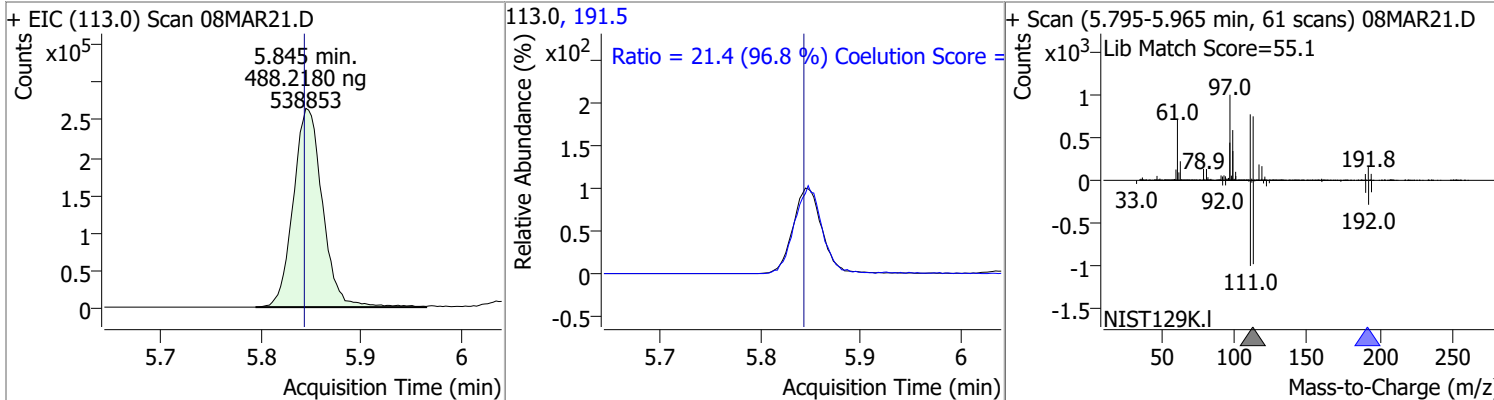
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	480.7253	5.65	0.00	1035233	85.0	65.1	34.7	94.7



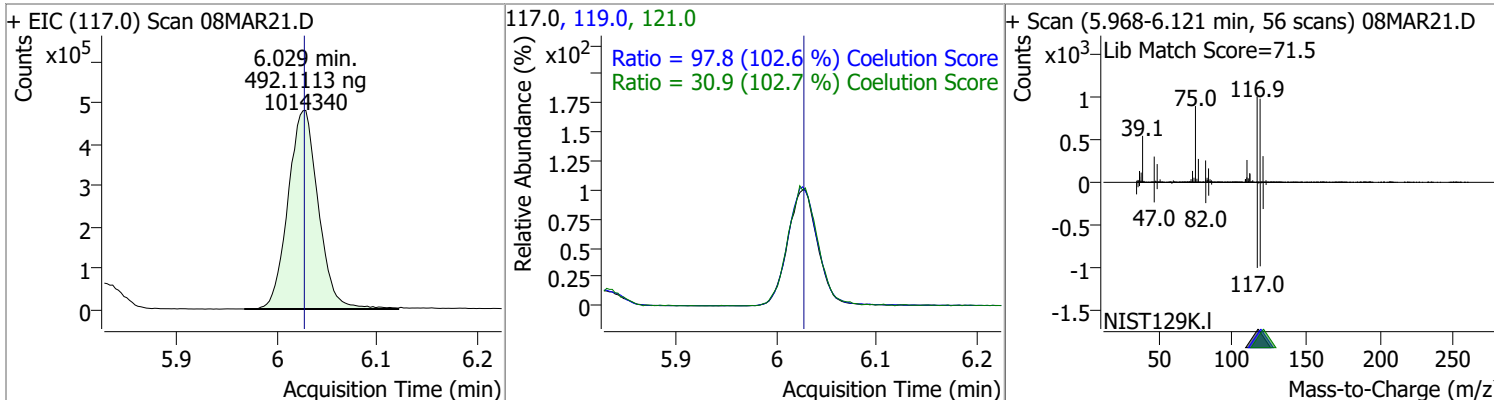
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	493.8138	5.83	0.00	1031098	99.0	64.0	34.2	94.2
					61.0	49.4	20.0	80.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	488.2180	5.85	0.00	538853	191.5	21.4	0.0	52.2

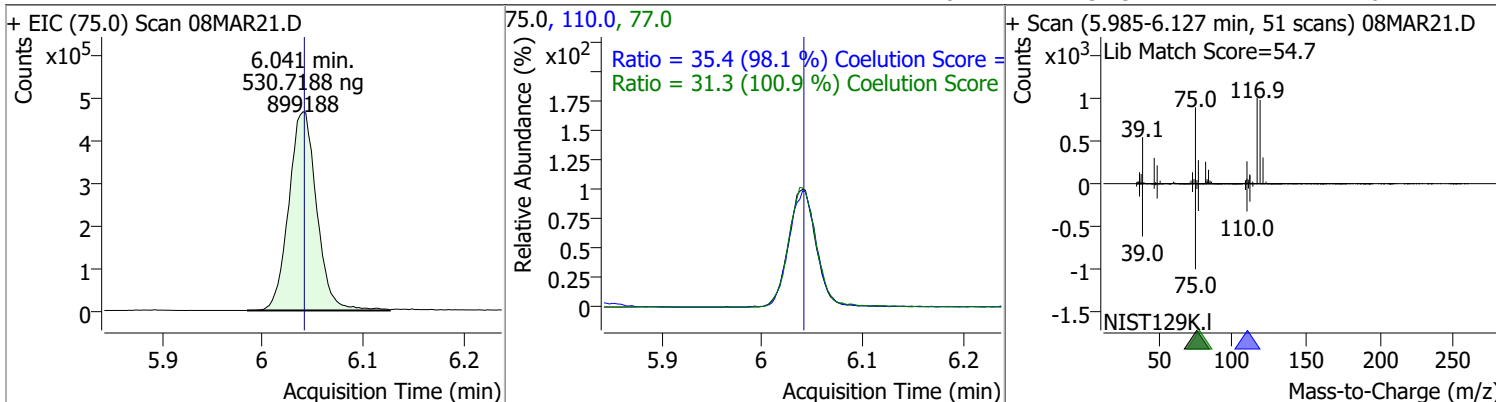


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	492.1113	6.03	0.00	1014340	119.0	97.8	65.3	125.3
					121.0	30.9	0.1	60.1

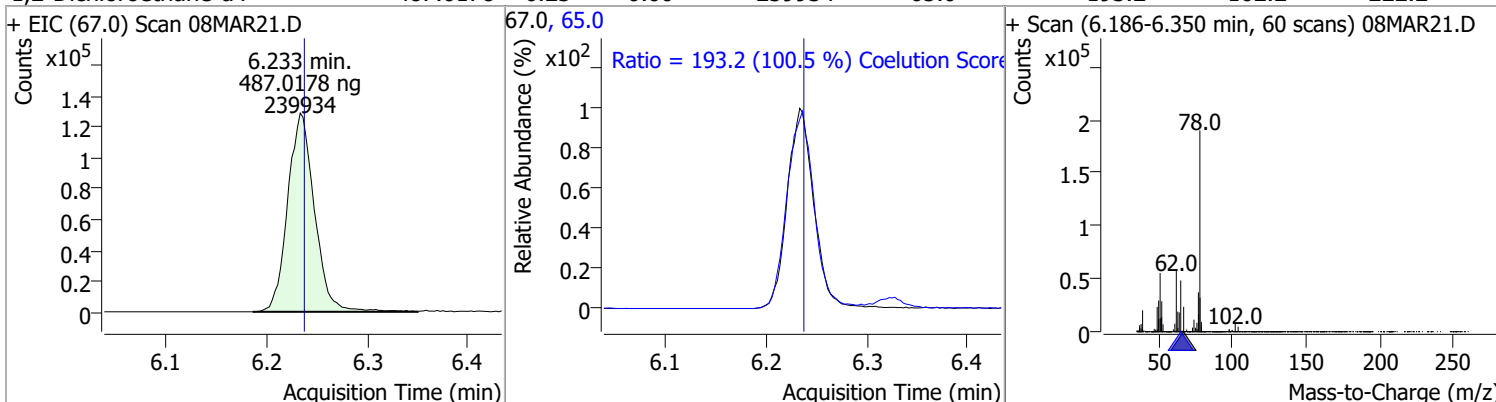


# Quantitation Results Report (QT Reviewed)

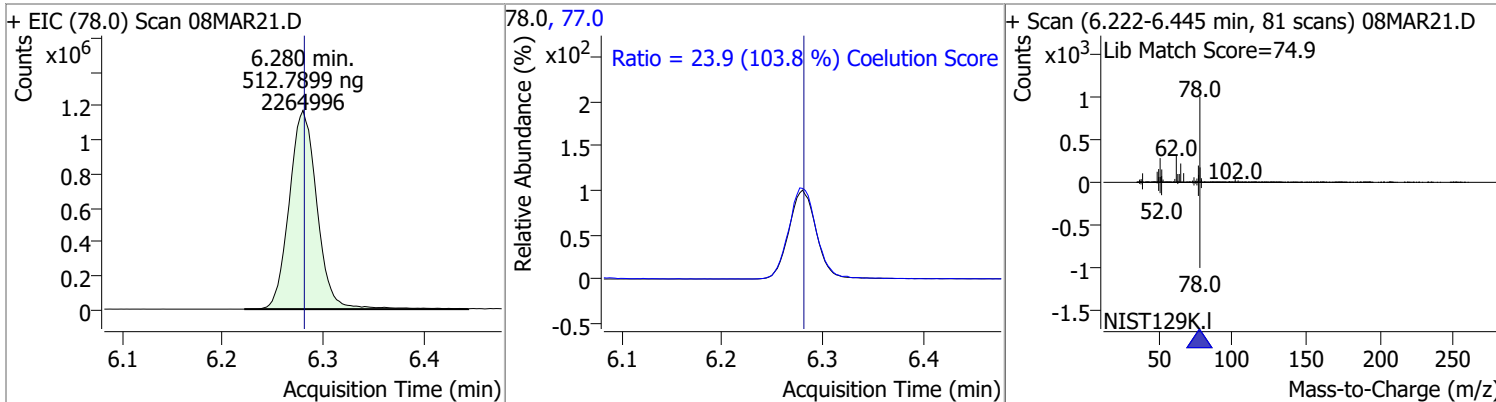
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	530.7188	6.04	0.00	899188	110.0	35.4	6.1	66.1
					77.0	31.3	1.1	61.1



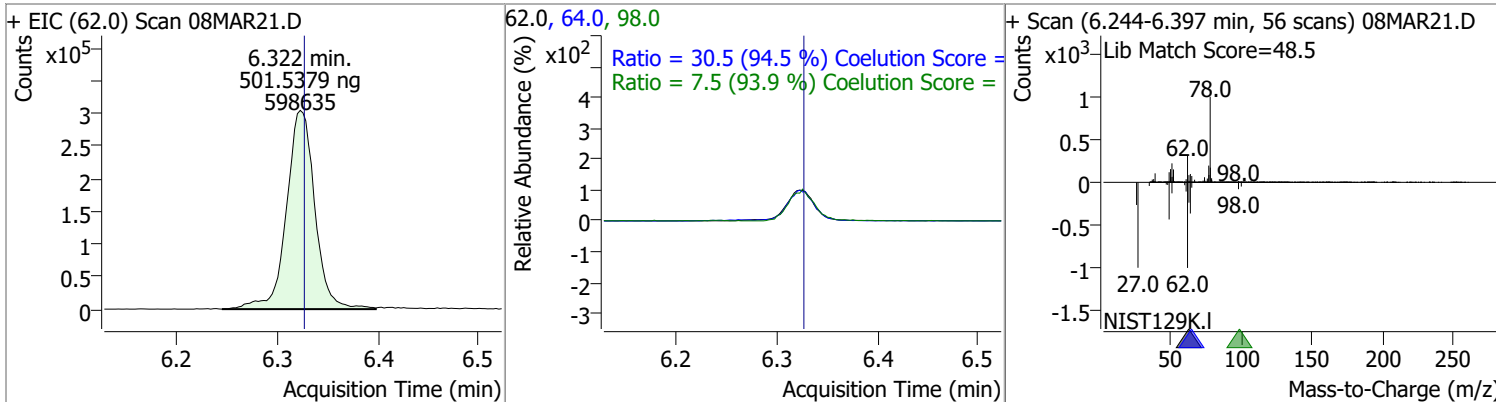
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	487.0178	6.23	0.00	239934	65.0	193.2	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	512.7899	6.28	0.00	2264996	77.0	23.9	0.0	53.0

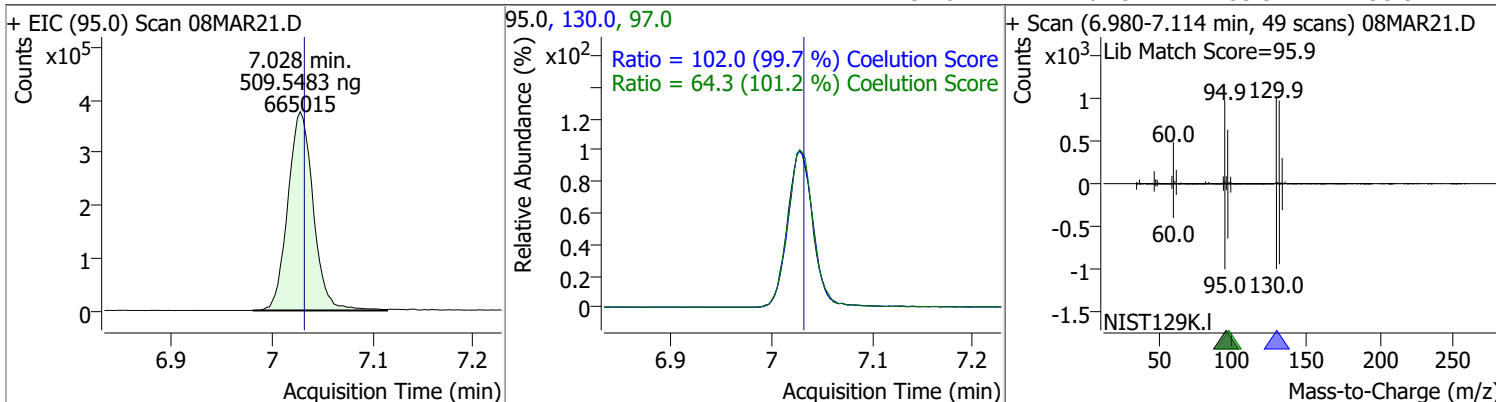


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	501.5379	6.32	0.00	598635	64.0	30.5	2.3	62.3
					98.0	7.5	0.0	38.0

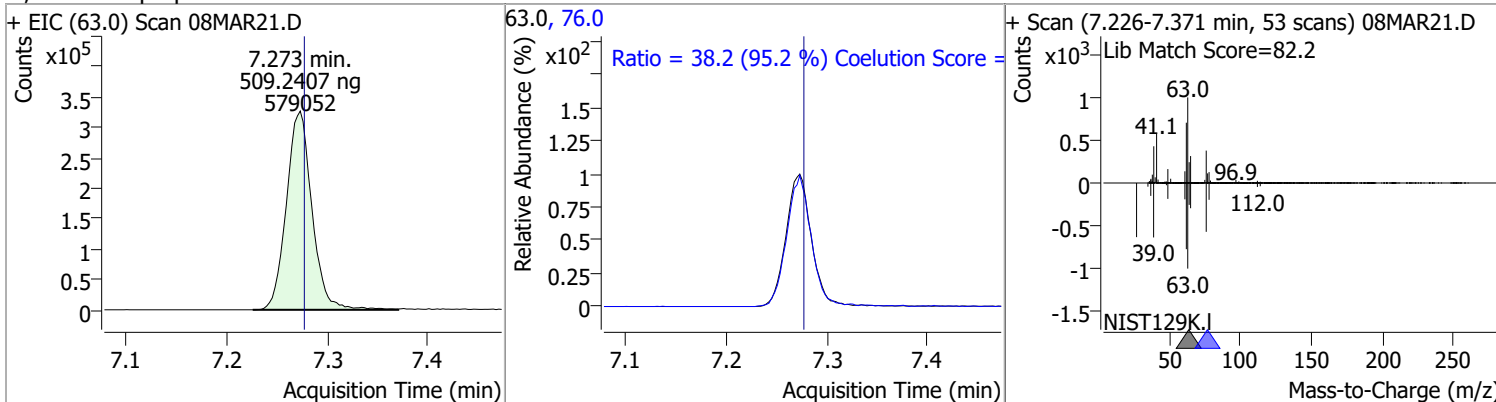


# Quantitation Results Report (QT Reviewed)

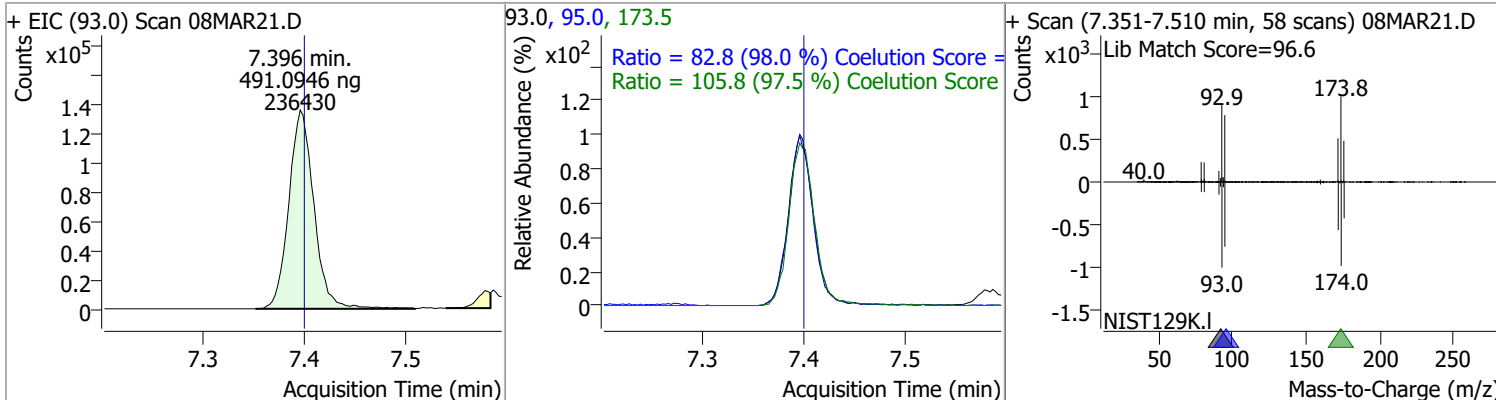
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	509.5483	7.03	0.00	665015	130.0	102.0	72.3	132.3
					97.0	64.3	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	509.2407	7.27	0.00	579052	76.0	38.2	10.1	70.1



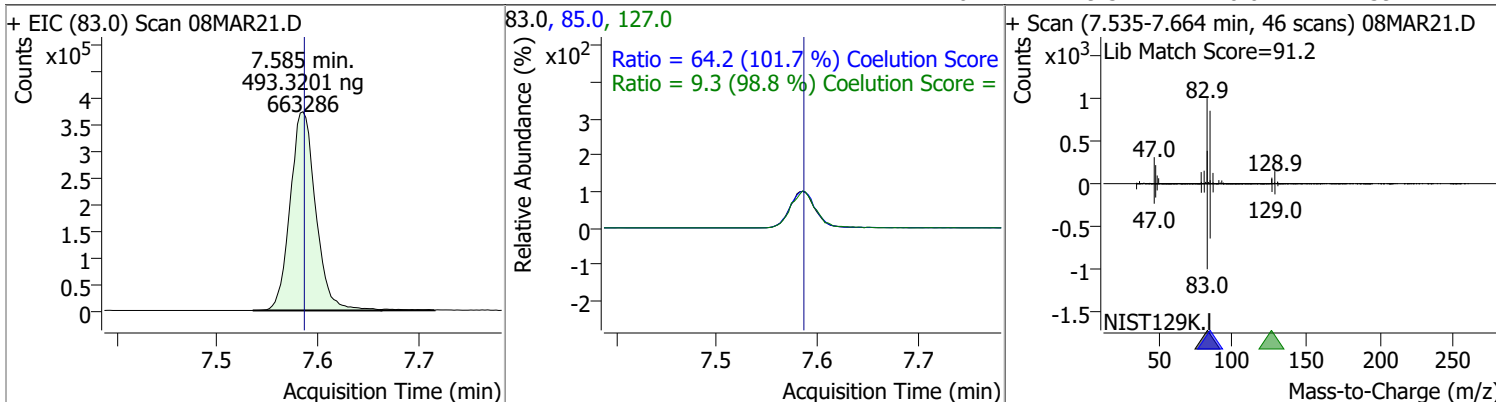
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	491.0946	7.40	0.00	236430	173.5	105.8	78.6	138.6
					95.0	82.8	54.5	114.5



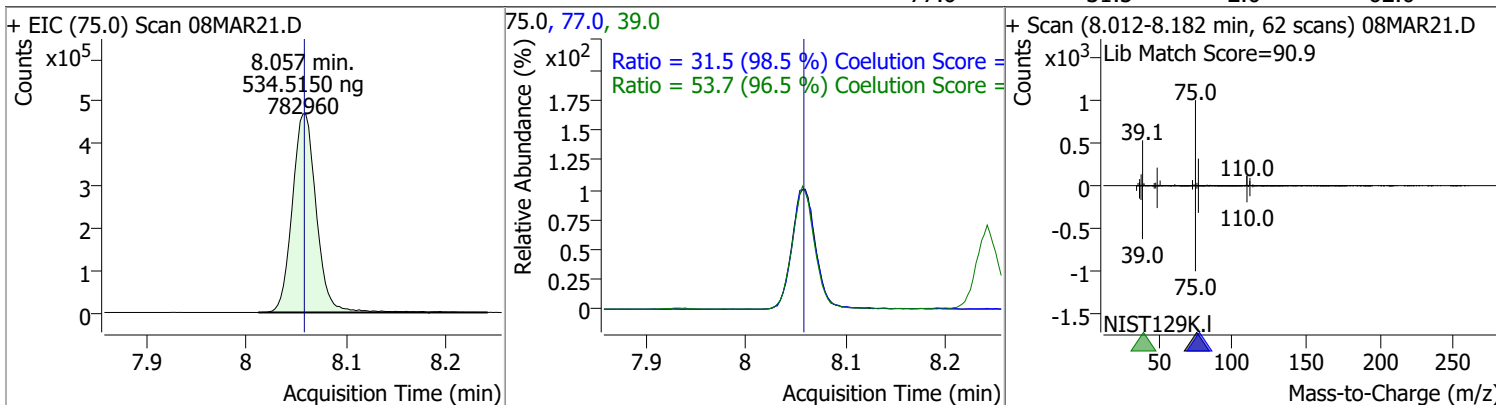


# Quantitation Results Report (QT Reviewed)

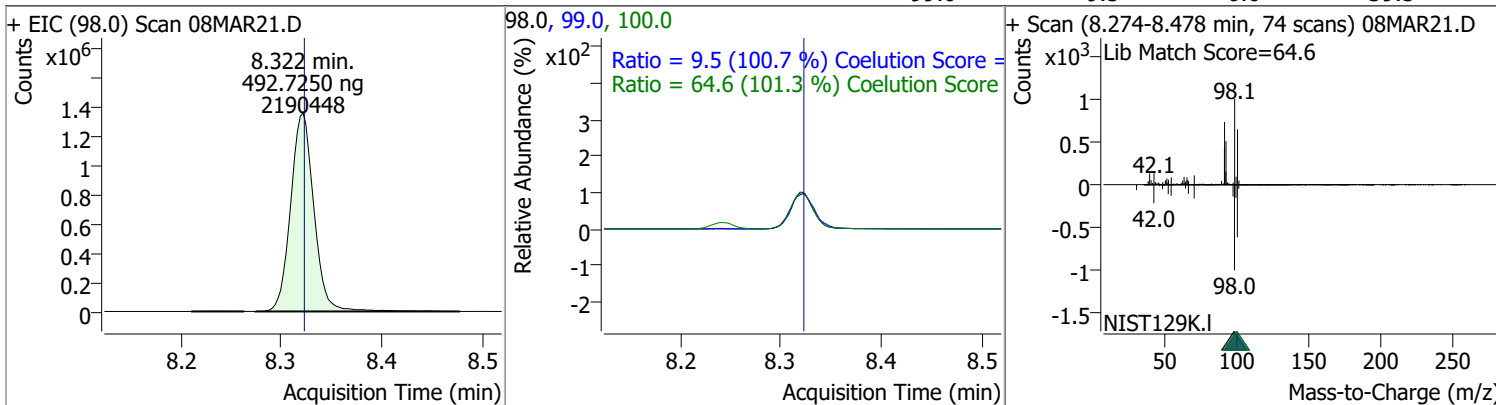
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	493.3201	7.59	0.00	663286	85.0	64.2	33.2	93.2
					127.0	9.3	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	534.5150	8.06	0.00	782960	39.0	53.7	25.6	85.6
					77.0	31.5	2.0	62.0

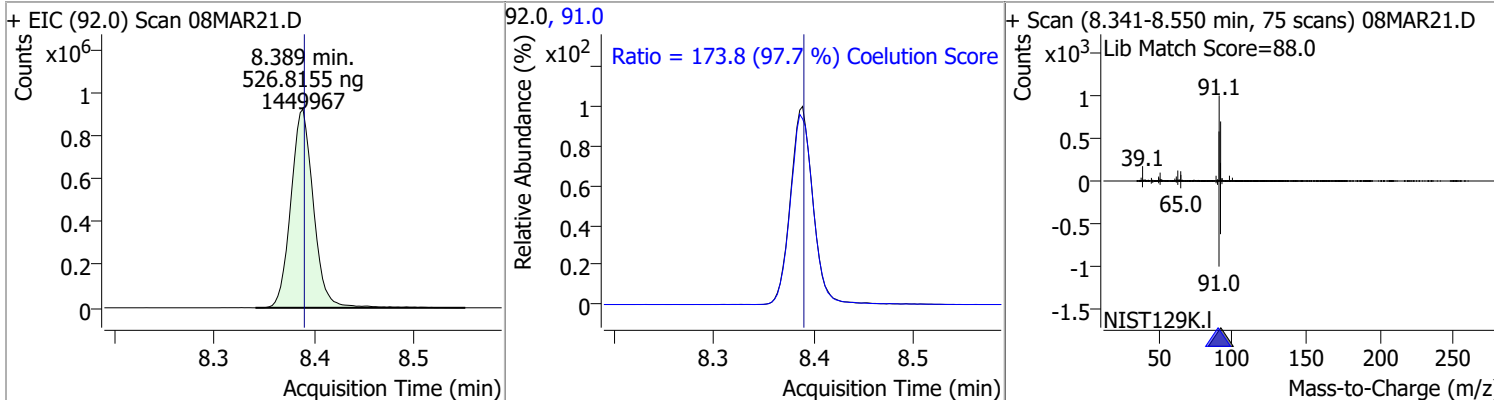


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	492.7250	8.32	0.00	2190448	100.0	64.6	33.7	93.7
					99.0	9.5	0.0	39.5

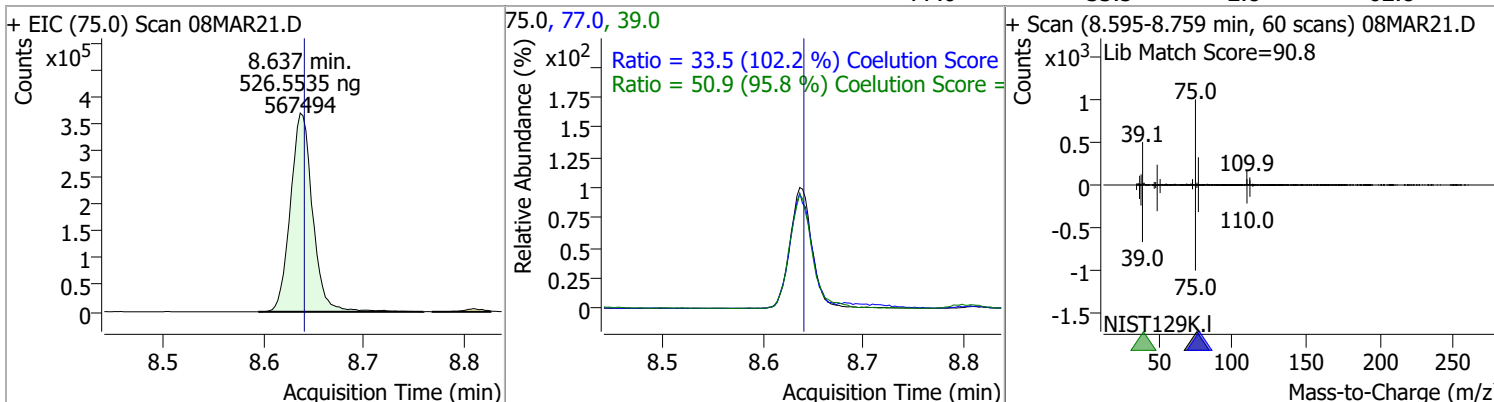


# Quantitation Results Report (QT Reviewed)

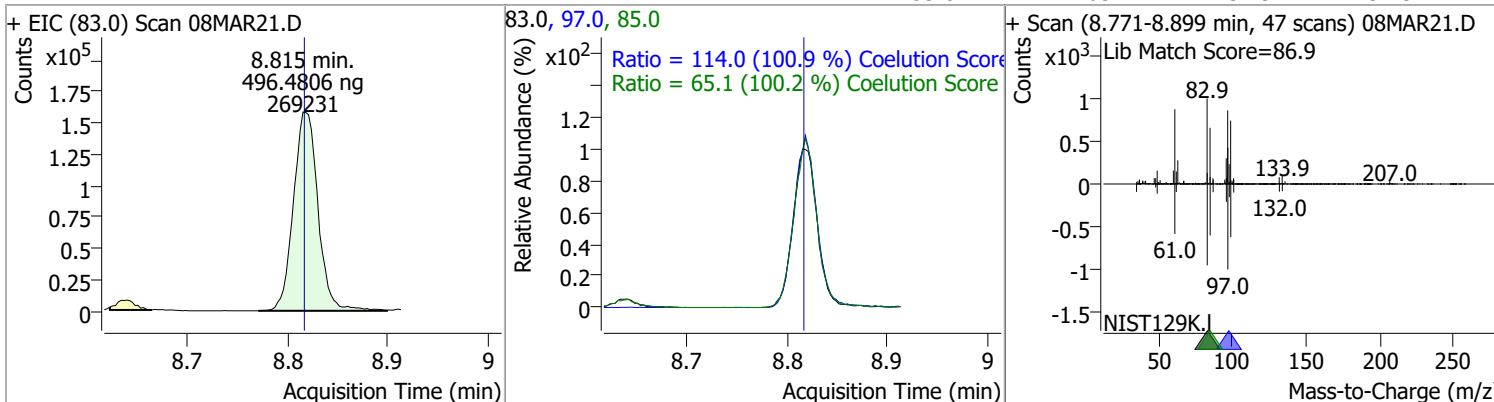
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	526.8155	8.39	0.00	1449967	91.0	173.8	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	526.5535	8.64	0.00	567494	39.0	50.9	23.2	83.2
					77.0	33.5	2.8	62.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	496.4806	8.82	0.00	269231	97.0	114.0	83.0	143.0
					85.0	65.1	34.9	94.9



# Quantitation Results Report (QT Reviewed)

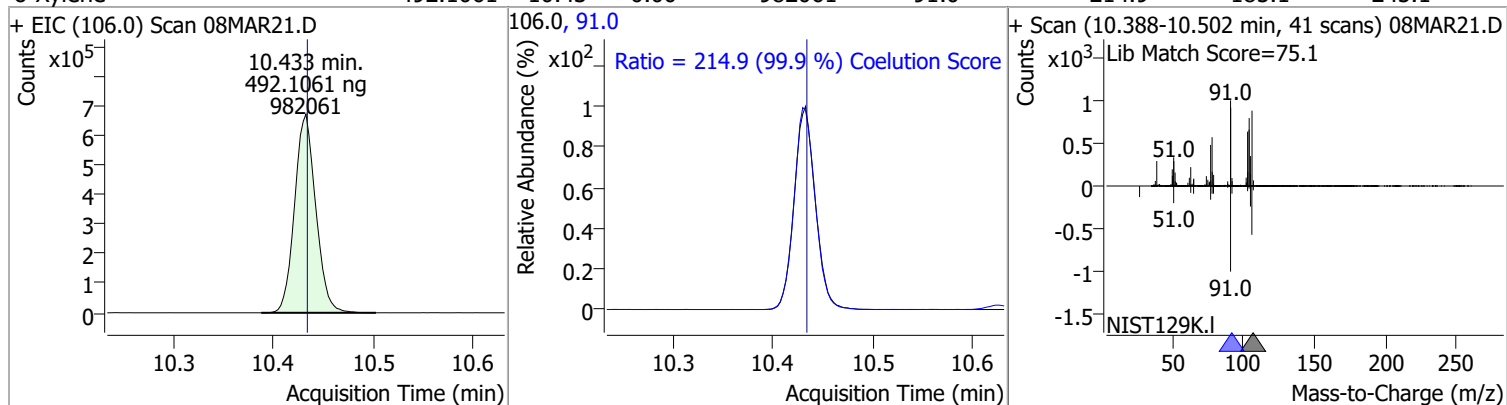
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	491.0128	8.94	0.00	572328	165.8	130.5	97.2	157.2
					129.0	91.6	58.6	118.6
+ EIC (163.8) Scan 08MAR21.D			163.8, 129.0, 165.8			+ Scan (8.893-9.010 min, 43 scans) 08MAR21.D		
8.938 min. 491.0128 ng 572328			Ratio = 91.6 (103.3 %) Coelution Score Ratio = 130.5 (102.6 %) Coelution Score			Lib Match Score=84.8 NIST129K.I		
1,3-Dichloropropane	495.7109	8.98	0.00	549870	78.0	32.7	1.3	61.3
+ EIC (76.0) Scan 08MAR21.D			76.0, 78.0			+ Scan (8.935-9.041 min, 39 scans) 08MAR21.D		
8.983 min. 495.7109 ng 549870			Ratio = 32.7 (104.7 %) Coelution Score			Lib Match Score=44.1 NIST129K.I		
Chlorodibromomethane	501.2710	9.20	0.00	439454	127.0	77.5	46.1	106.1
+ EIC (129.0) Scan 08MAR21.D			129.0, 127.0			+ Scan (9.161-9.281 min, 44 scans) 08MAR21.D		
9.203 min. 501.2710 ng 439454			Ratio = 77.5 (101.8 %) Coelution Score			Lib Match Score=92.6 NIST129K.I		
1,2-Dibromoethane	493.1821	9.31	0.00	299357	109.0	96.2	65.4	125.4
+ EIC (107.0) Scan 08MAR21.D			107.0, 109.0			+ Scan (9.264-9.401 min, 50 scans) 08MAR21.D		
9.306 min. 493.1821 ng 299357			Ratio = 96.2 (100.8 %) Coelution Score			Lib Match Score=93.2 NIST129K.I		

# Quantitation Results Report (QT Reviewed)

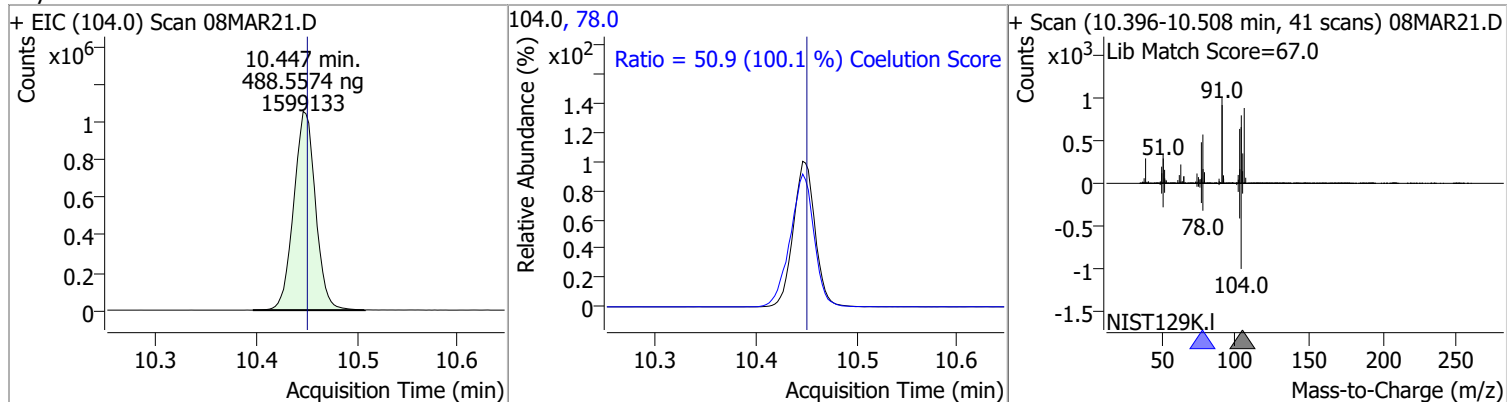
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	498.4278	9.80	0.00	1528929	114.0	32.2	1.6	61.6
+ EIC (112.0) Scan 08MAR21.D			112.0, 114.0			+ Scan (9.761-9.903 min, 52 scans) 08MAR21.D		
1,1,1,2-Tetrachloroethane	502.1889	9.89	0.00	539241	133.0	96.2	67.9	127.9
+ EIC (131.0) Scan 08MAR21.D			131.0, 133.0			+ Scan (9.847-9.970 min, 45 scans) 08MAR21.D		
Ethylbenzene	490.8361	9.92	0.00	2822854	106.0	31.2	1.2	61.2
+ EIC (91.0) Scan 08MAR21.D			91.0, 106.0			+ Scan (9.872-9.995 min, 45 scans) 08MAR21.D		
m+p-Xylenes	981.5290	10.04	0.00	2204020	91.0	201.2	173.1	233.1
+ EIC (106.0) Scan 08MAR21.D			106.0, 91.0			+ Scan (9.992-10.129 min, 50 scans) 08MAR21.D		

# Quantitation Results Report (QT Reviewed)

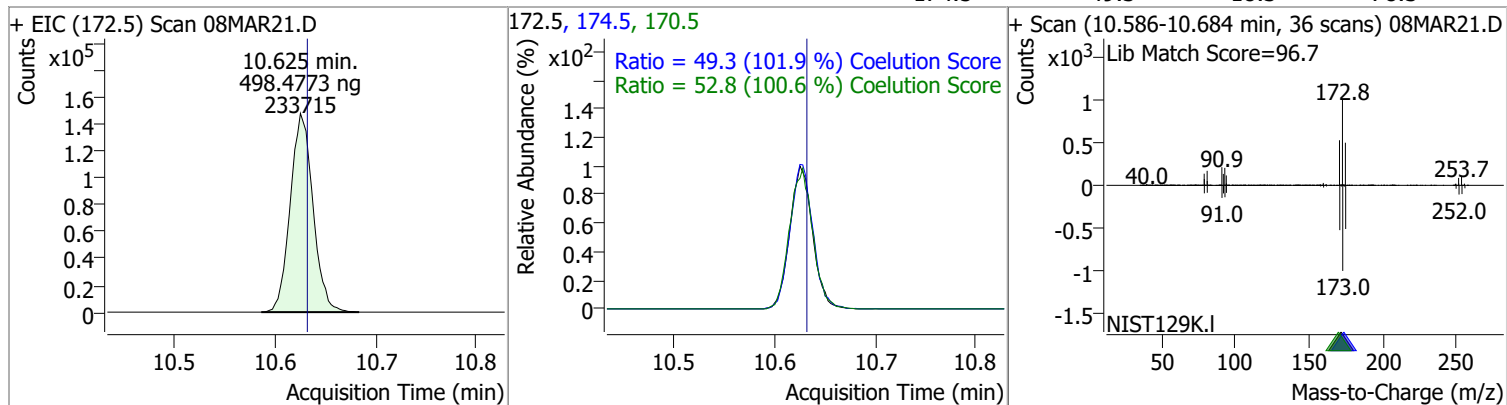
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	492.1061	10.43	0.00	982061	91.0	214.9	185.1	245.1



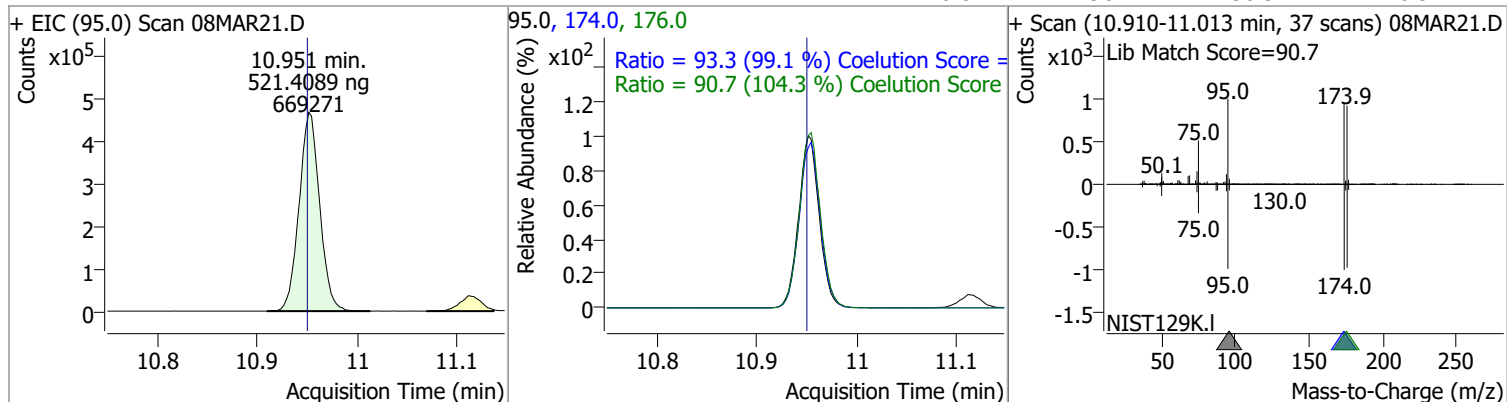
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	488.5574	10.45	0.00	1599133	78.0	50.9	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	498.4773	10.63	-0.01	233715	170.5	52.8	22.5	82.5
					174.5	49.3	18.3	78.3

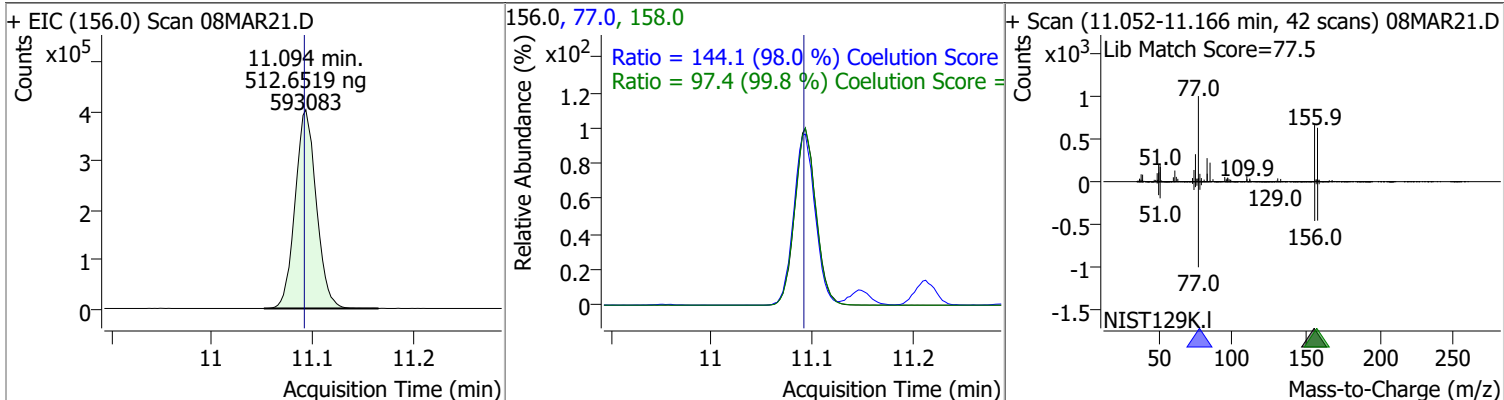


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	521.4089	10.95	0.00	669271	174.0	93.3	64.2	124.2
					176.0	90.7	56.9	116.9

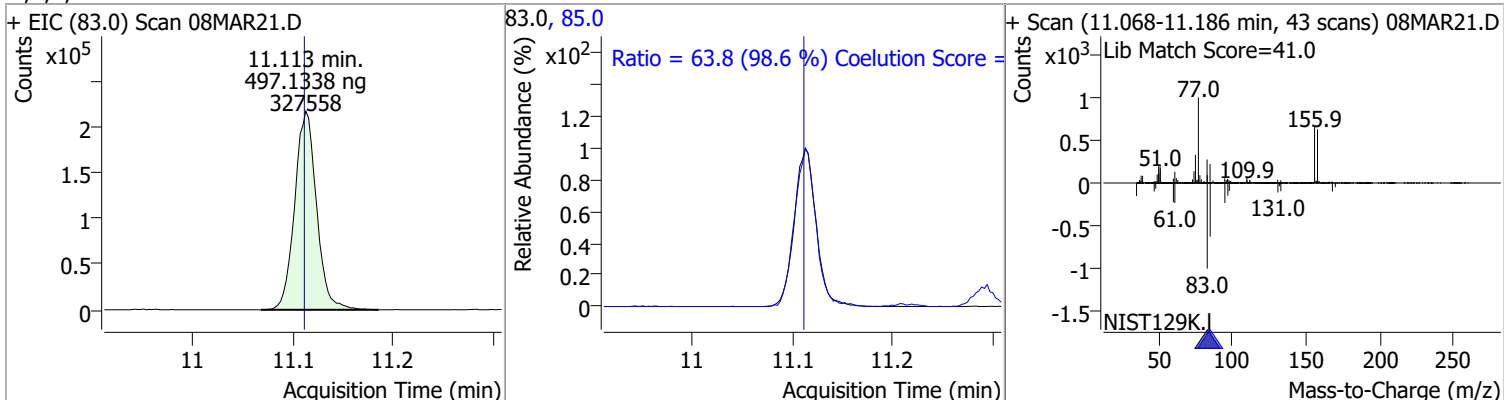


# Quantitation Results Report (QT Reviewed)

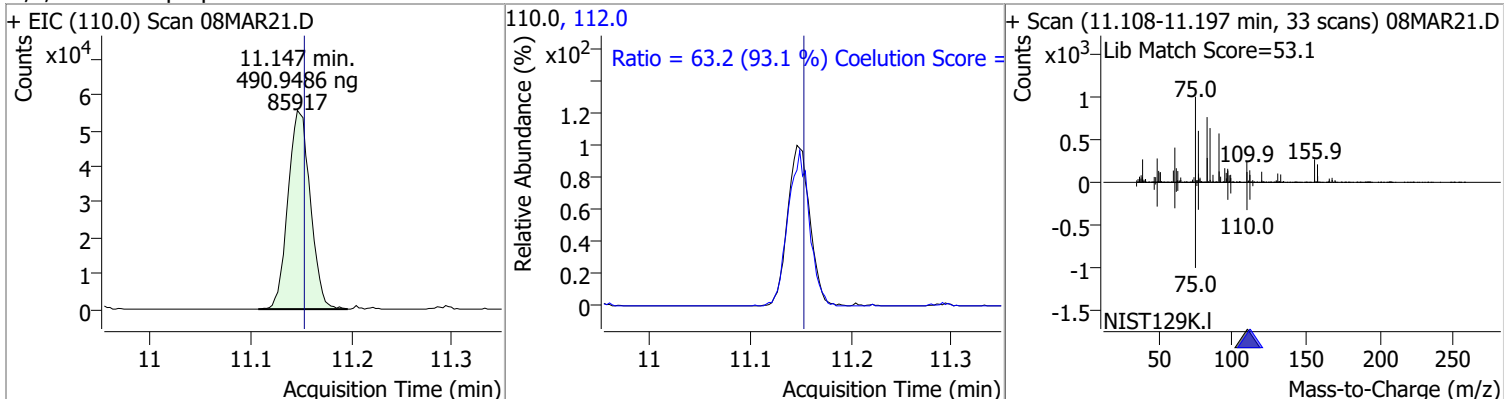
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	512.6519	11.09	0.00	593083	77.0	144.1	117.1	177.1
					158.0	97.4	67.6	127.6



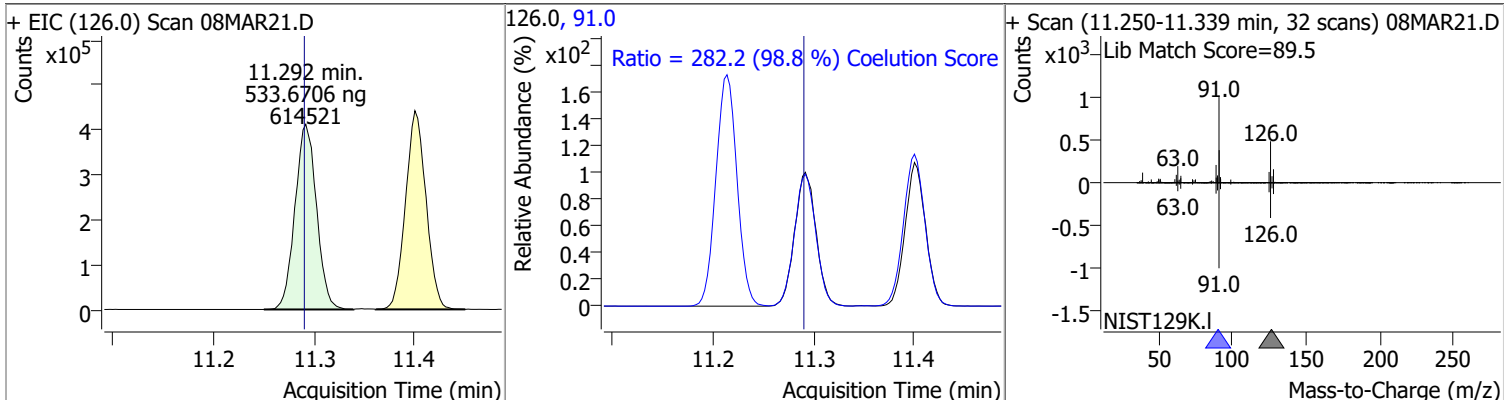
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	497.1338	11.11	0.00	327558	85.0	63.8	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	490.9486	11.15	-0.01	85917	112.0	63.2	37.9	97.9

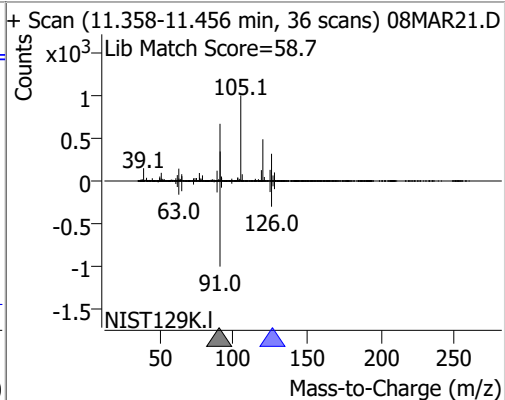
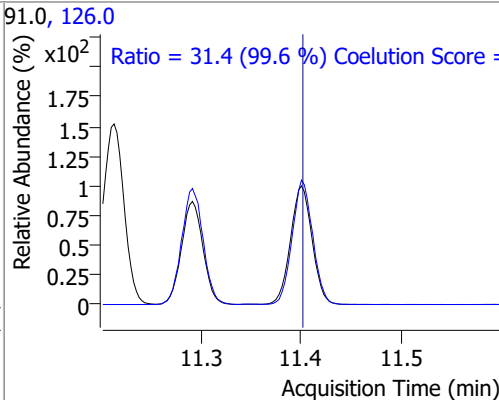
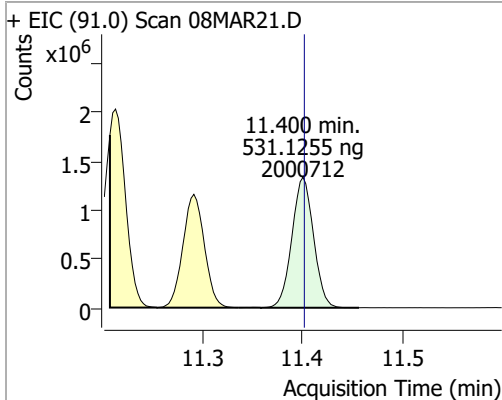


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	533.6706	11.29	0.00	614521	91.0	282.2	255.6	315.6

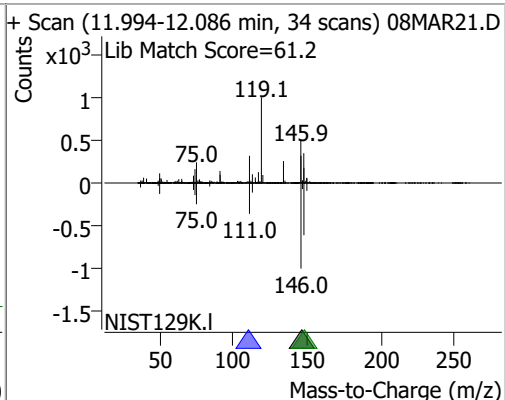
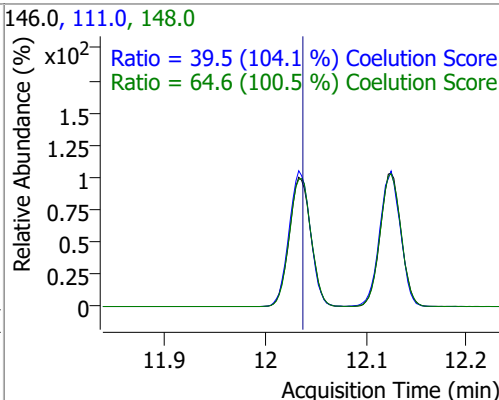
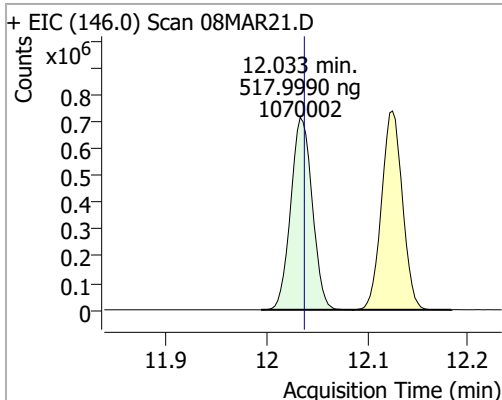


# Quantitation Results Report (QT Reviewed)

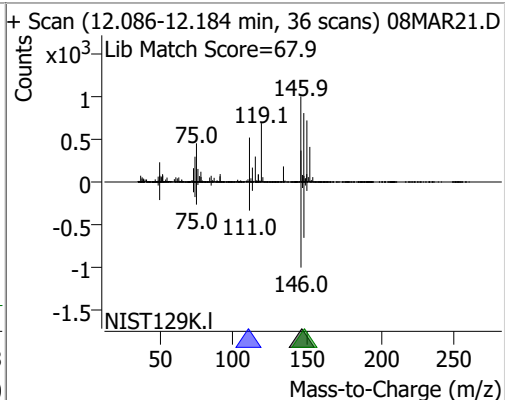
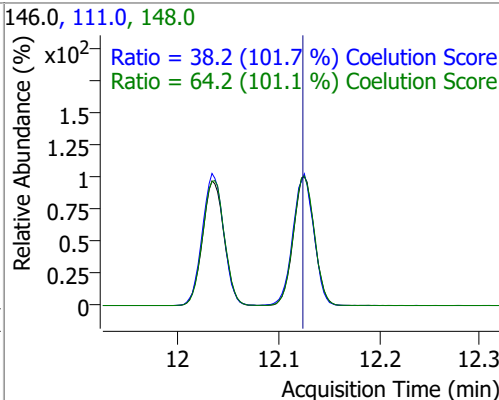
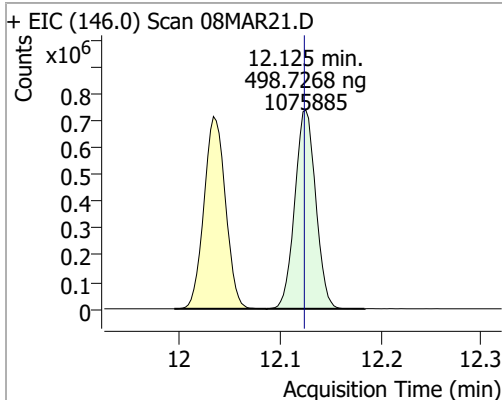
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	531.1255	11.40	0.00	2000712	126.0	31.4	1.5	61.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	517.9990	12.03	0.00	1070002	148.0	64.6	34.3	94.3
					111.0	39.5	7.9	67.9

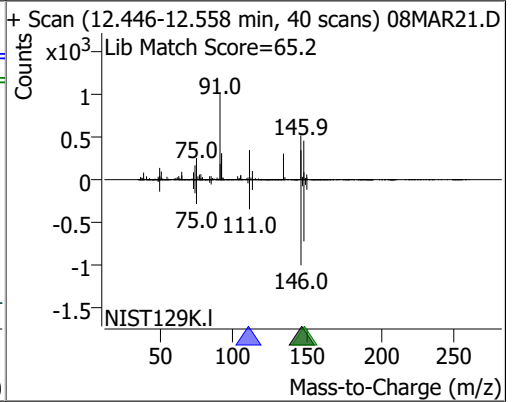
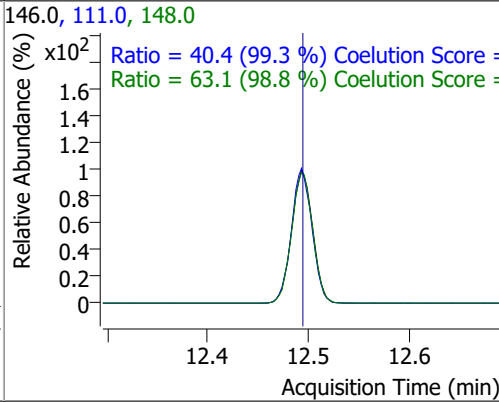
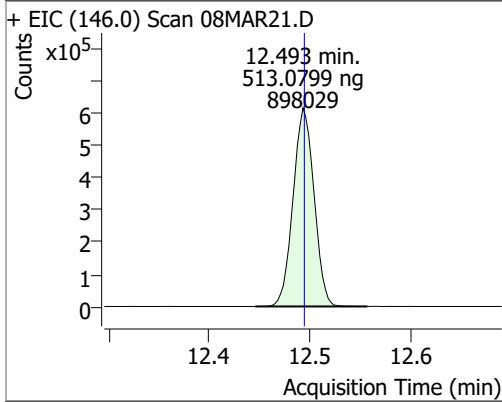


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	498.7268	12.13	0.00	1075885	148.0	64.2	33.5	93.5
					111.0	38.2	7.6	67.6



# Quantitation Results Report (QT Reviewed)

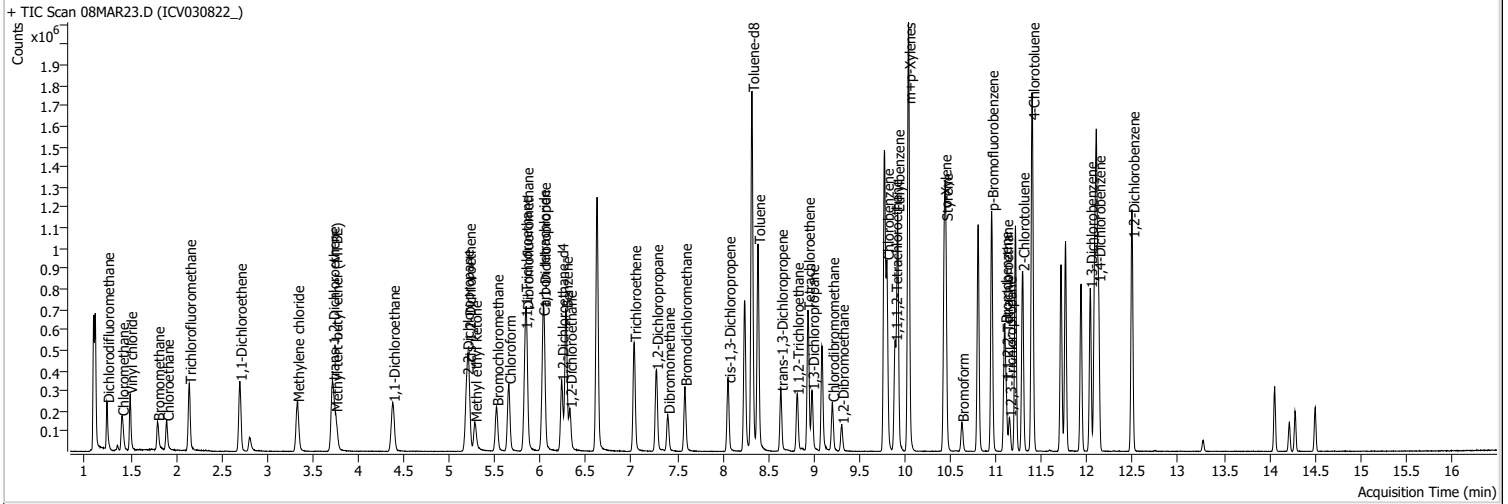
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	513.0799	12.49	0.00	898029	148.0	63.1	33.9	93.9
					111.0	40.4	10.7	70.7





# Quantitation Results Report (QT Reviewed)

Data File	08MAR23.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/8/2022 8:46:07 PM
Sample Name	ICV030822_	Instrument	VOA5975C
Vial	23	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG030822_8260B.batch.bin	Last Calib Update	3/9/2022 9:53:53 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	1050128	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	404184	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	345365	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	270286	253.3101	ng	0.003
Spiked Amount: 250.000				Range: 80.0 - 119.0% Recovery = 101.32%		
S 1,2-Dichloroethane-d4	6.230	67.0	121608	255.3293	ng	-0.006
Spiked Amount: 250.000				Range: 81.0 - 118.0% Recovery = 102.13%		
S Toluene-d8	8.321	98.0	1084853	251.6724	ng	0.000
Spiked Amount: 250.000				Range: 89.0 - 112.0% Recovery = 100.67%		
S p-Bromofluorobenzene	10.951	95.0	333442	261.8371	ng	0.003
Spiked Amount: 250.000				Range: 85.0 - 114.0% Recovery = 104.73%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.244	85.0	158910	104.7904	ng	98
T Chloromethane	1.406	50.0	190538	108.3954	ng	100
T Vinyl chloride	1.498	62.0	189165	119.1287	ng	99
T Bromomethane	1.796	96.0	70260	99.5708	ng	95
T Chloroethane	1.899	64.0	95919	114.2115	ng	99
T Trichlorofluoromethane	2.145	101.0	224475	112.0526	ng	100
T 1,1-Dichloroethene	2.700	96.0	121770	114.2891	ng	99
T Methylene chloride	3.330	49.0	177702	109.8370	ng	98
T trans-1,2-Dichloroethene	3.717	96.0	146702	132.2592	ng	99
T Methyl tert-butyl ether (MTBE)	3.751	73.0	178983	129.5107	ng	100
T 1,1-Dichloroethane	4.378	63.0	282745	133.0857	ng	96
T 2,2-Dichloropropane	5.190	77.0	203762	124.4436	ng	99
T cis-1,2-Dichloroethene	5.212	96.0	147919	131.8699	ng	98
T Methyl ethyl ketone	5.279	43.0	199087	1350.3480	ng	99
T Bromochloromethane	5.516	128.0	58571	130.9674	ng	96
T Chloroform	5.653	83.0	256634	123.2704	ng	100

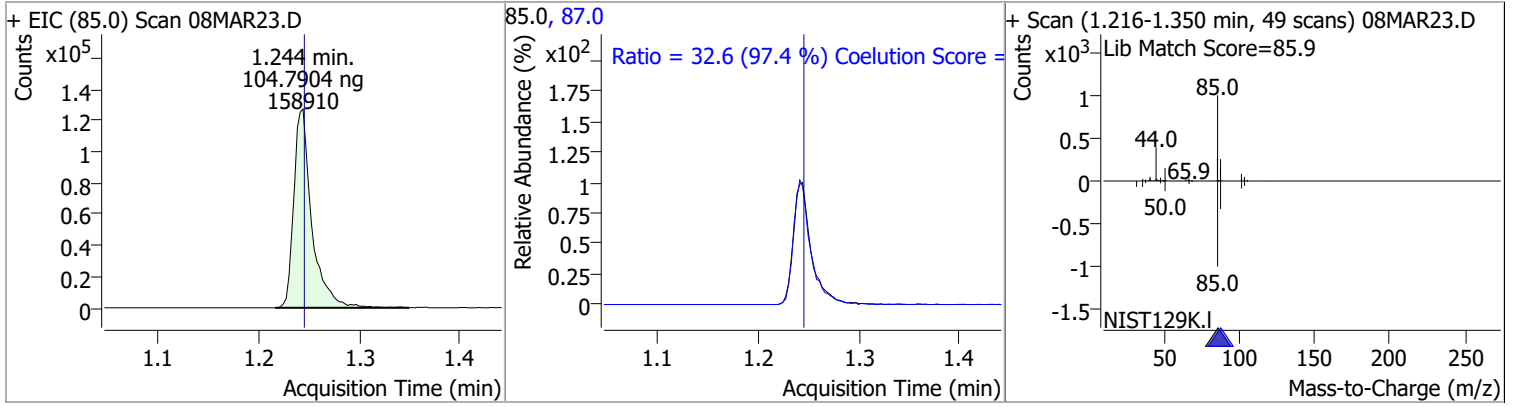
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	261205	129.3988	ng	99
T Carbon tetrachloride	6.026	117.0	259770	130.3630	ng	100
T 1,1-Dichloropropene	6.038	75.0	202406	123.5728	ng	99
T Benzene	6.277	78.0	571259	133.7798	ng	99
T 1,2-Dichloroethane	6.322	62.0	151978	131.7067	ng	97
T Trichloroethene	7.027	95.0	165935	131.2218	ng	99
T 1,2-Dichloropropane	7.270	63.0	143829	130.5468	ng	99
T Dibromomethane	7.396	93.0	61842	132.5746	ng	98
T Bromodichloromethane	7.585	83.0	171168	131.3907	ng	97
T cis-1,3-Dichloropropene	8.062	75.0	174151	122.7045	ng	99
T Toluene	8.388	92.0	374091	140.2787	ng	98
T trans-1,3-Dichloropropene	8.639	75.0	143451	137.3722	ng	96
T 1,1,2-Trichloroethane	8.815	83.0	70831	134.8077	ng	99
T Tetrachloroethene	8.935	163.8	149059	131.9837	ng	98
T 1,3-Dichloropropane	8.980	76.0	138293	128.6716	ng	96
T Chlorodibromomethane	9.203	129.0	110200	129.7343	ng	97
T 1,2-Dibromoethane	9.306	107.0	77659	132.0456	ng	98
T Chlorobenzene	9.802	112.0	401876	135.2138	ng	98
T 1,1,1,2-Tetrachloroethane	9.891	131.0	137914	132.5582	ng	99
T Ethylbenzene	9.919	91.0	706132	134.9403	ng	99
T m+p-Xylenes	10.039	106.0	547384	263.7176	ng	100
T o-Xylene	10.432	106.0	242000	134.8237	ng	97
T Styrene	10.449	104.0	409016	136.6370	ng	99
T Bromoform	10.625	172.5	62459	134.2729	ng	99
T Bromobenzene	11.096	156.0	155941	135.8632	ng	98
T 1,1,2,2-Tetrachloroethane	11.110	83.0	87773	134.2705	ng	99
T 1,2,3-Trichloropropane	11.146	110.0	21329	122.8462	ng	98
T 2-Chlorotoluene	11.291	126.0	160791	140.7449	ng	98
T 4-Chlorotoluene	11.400	91.0	533129	142.6525	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	296046	144.4568	ng	98
T 1,4-Dichlorobenzene	12.125	146.0	287458	134.3092	ng	97
T 1,2-Dichlorobenzene	12.496	146.0	240418	138.4510	ng	98

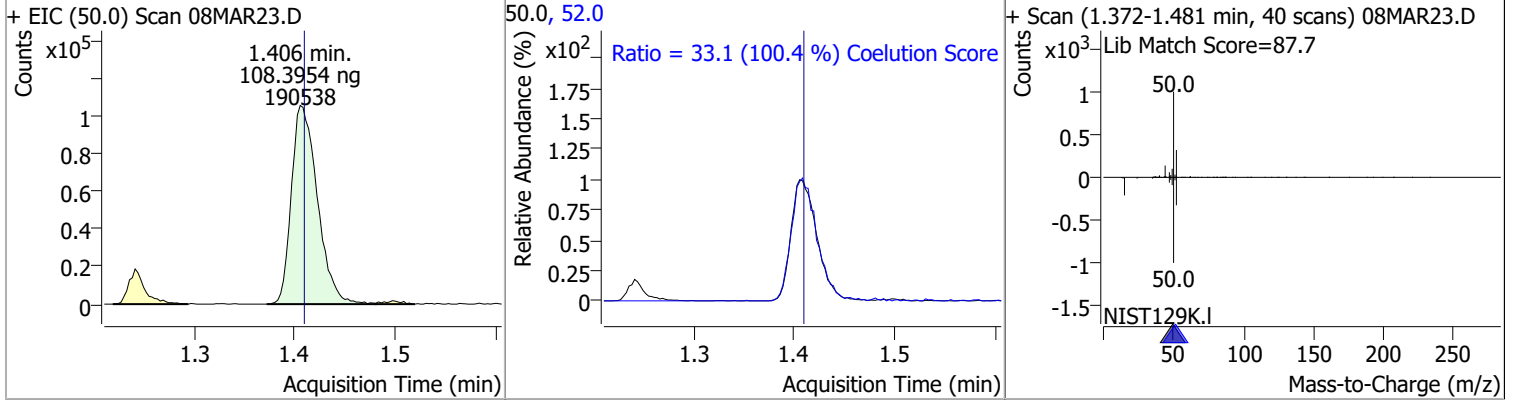
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

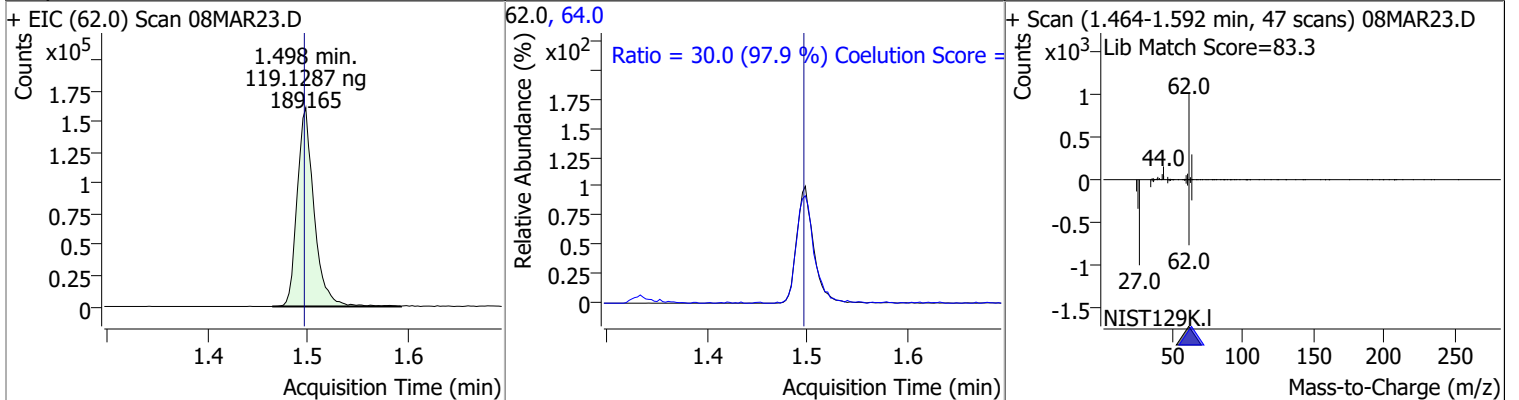
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	104.7904	1.24	0.00	158910	87.0	32.6	3.5	63.5



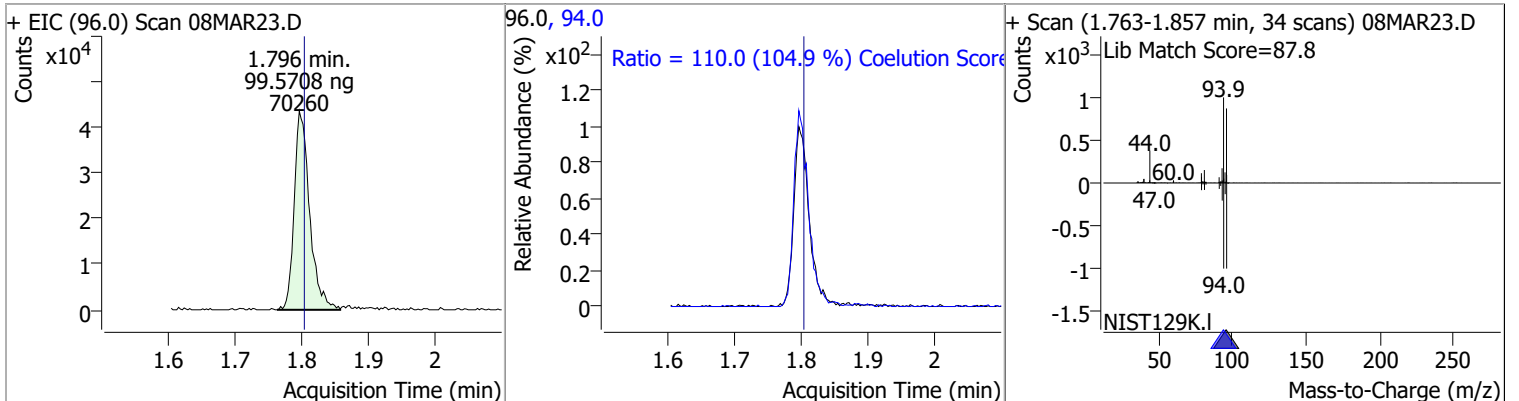
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	108.3954	1.41	0.00	190538	52.0	33.1	3.0	63.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	119.1287	1.50	0.00	189165	64.0	30.0	0.6	60.6

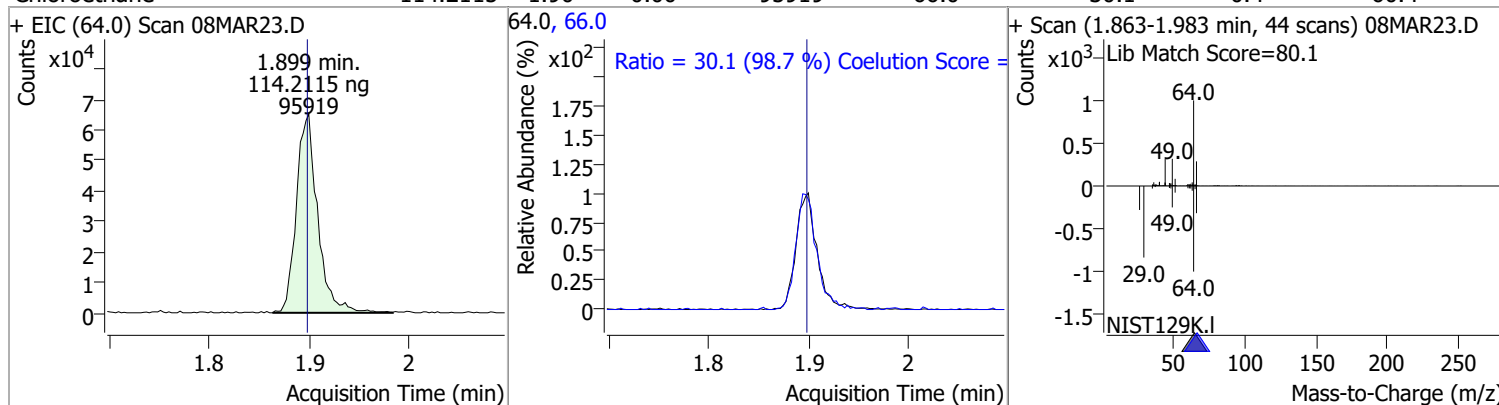


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	99.5708	1.80	-0.01	70260	94.0	110.0	74.8	134.8

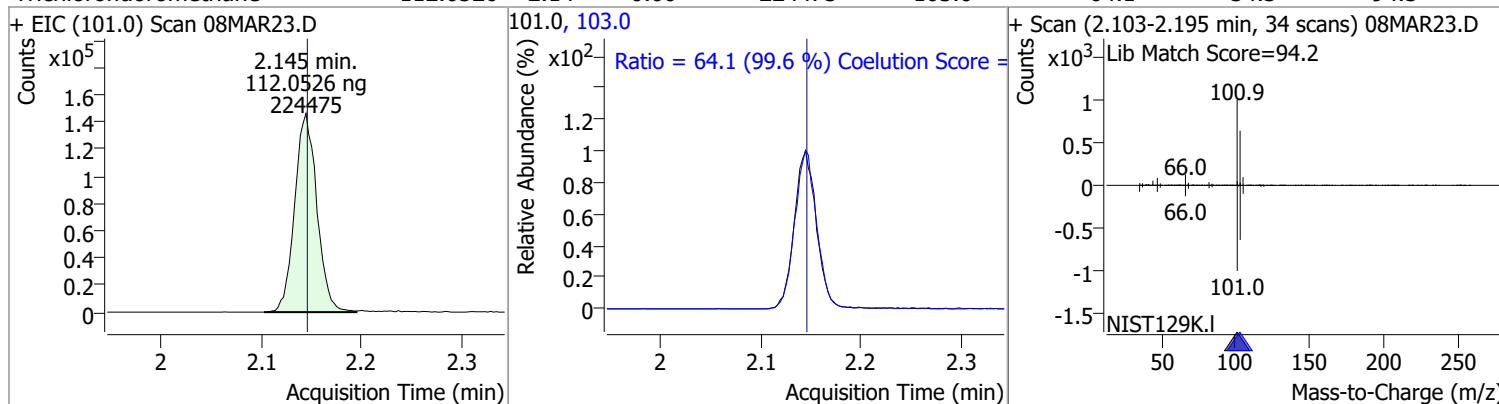


# Quantitation Results Report (QT Reviewed)

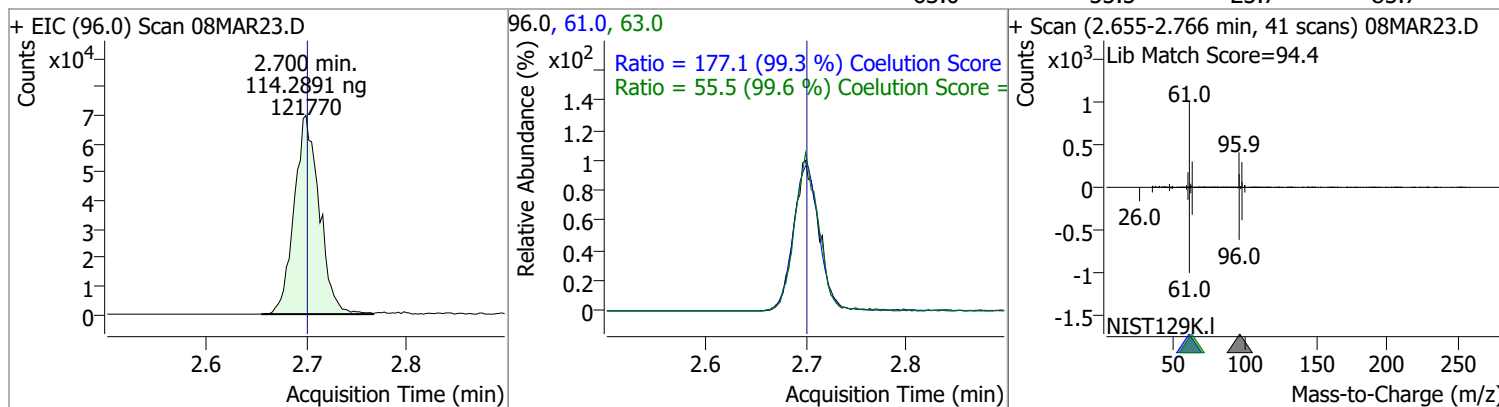
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	114.2115	1.90	0.00	95919	66.0	30.1	0.4	60.4



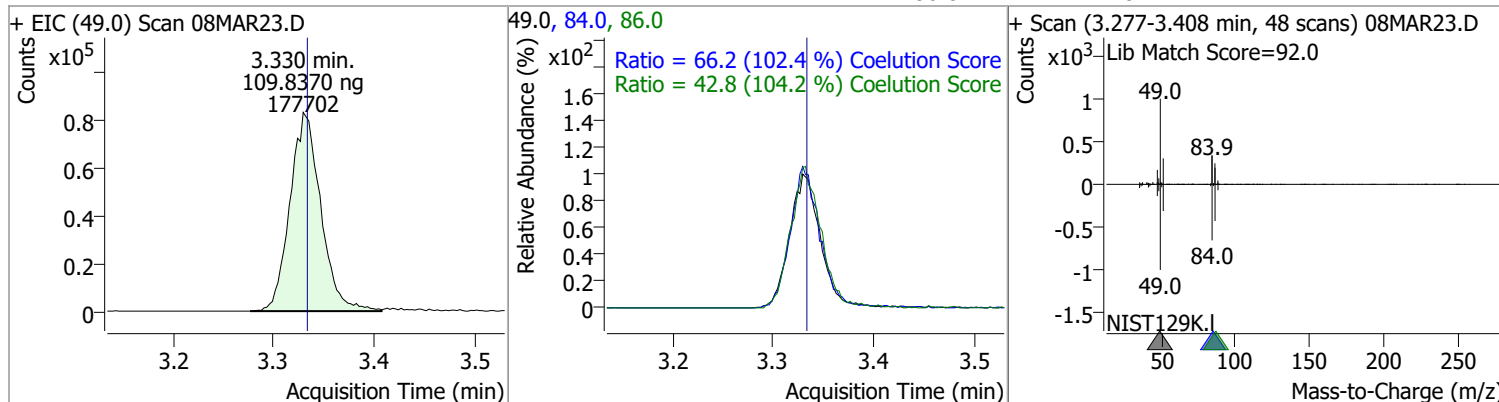
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	112.0526	2.14	0.00	224475	103.0	64.1	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	114.2891	2.70	0.00	121770	61.0	177.1	148.4	208.4
					63.0	55.5	25.7	85.7

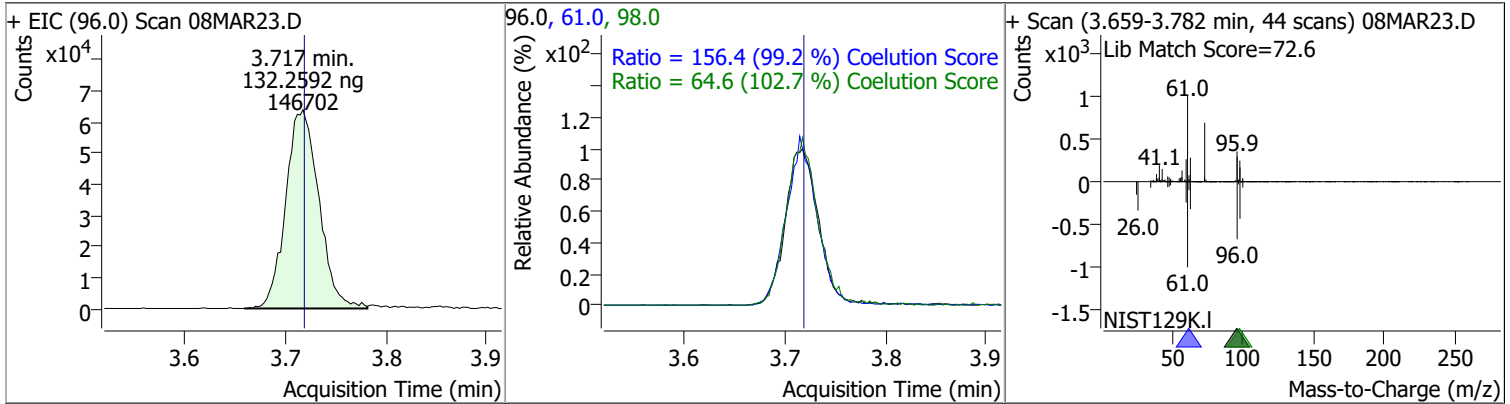


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	109.8370	3.33	0.00	177702	84.0	66.2	34.7	94.7
					86.0	42.8	11.1	71.1

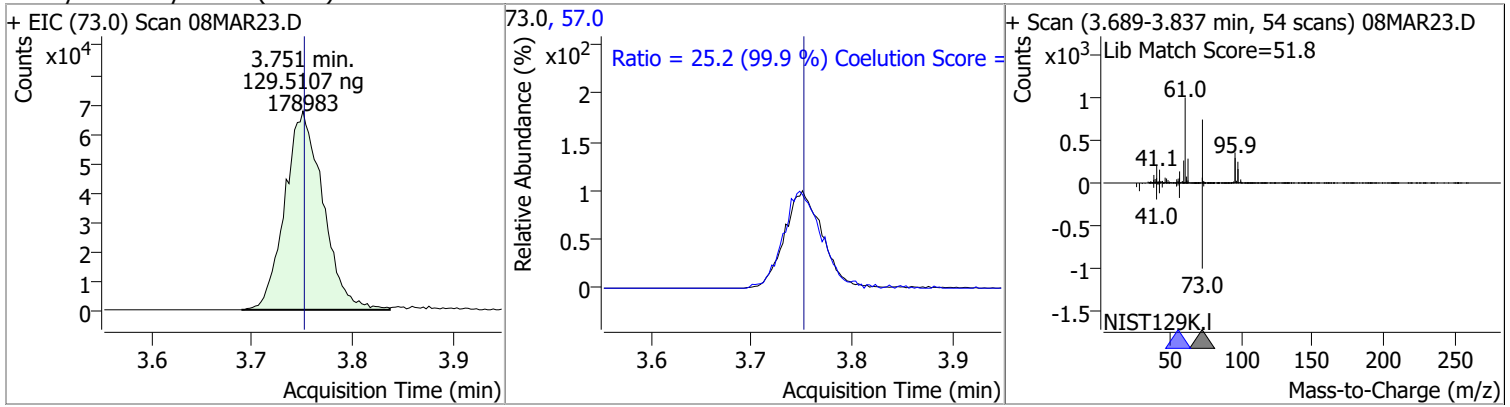


# Quantitation Results Report (QT Reviewed)

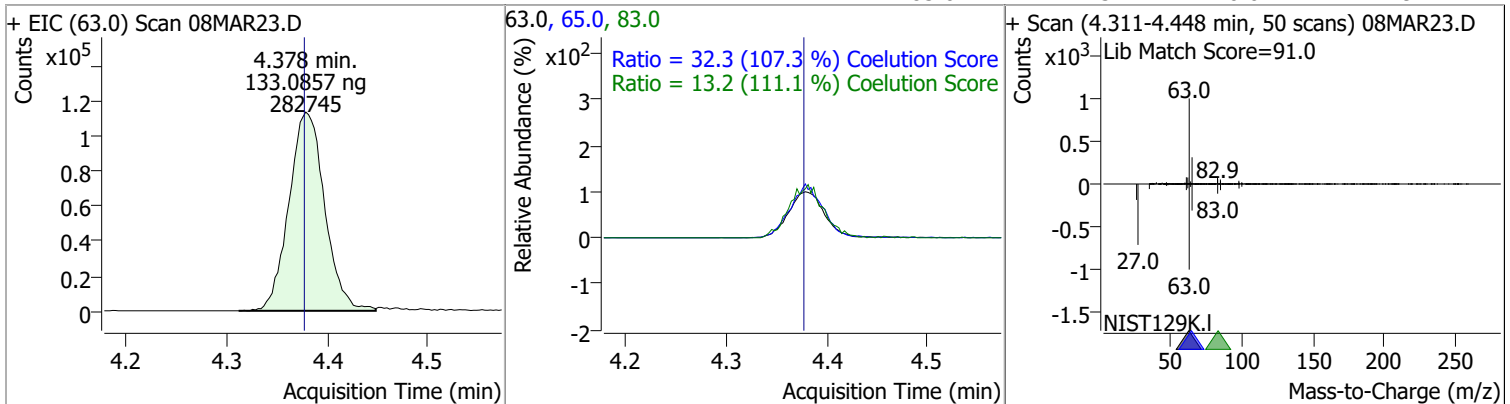
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	132.2592	3.72	0.00	146702	61.0	156.4	127.7	187.7
					98.0	64.6	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	129.5107	3.75	0.00	178983	57.0	25.2	0.0	55.3

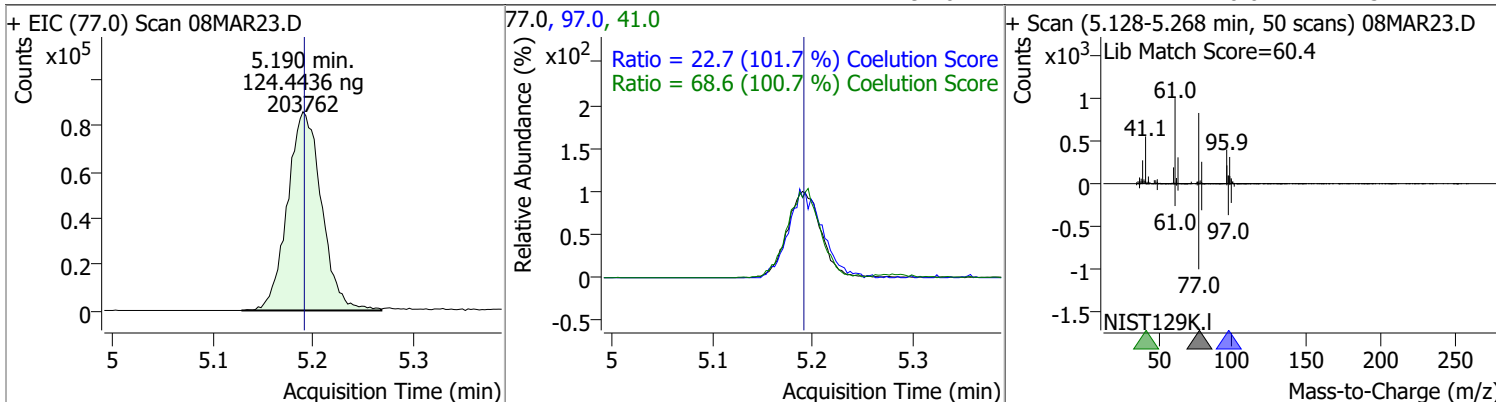


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	133.0857	4.38	0.00	282745	65.0	32.3	0.1	60.1
					83.0	13.2	0.0	41.9

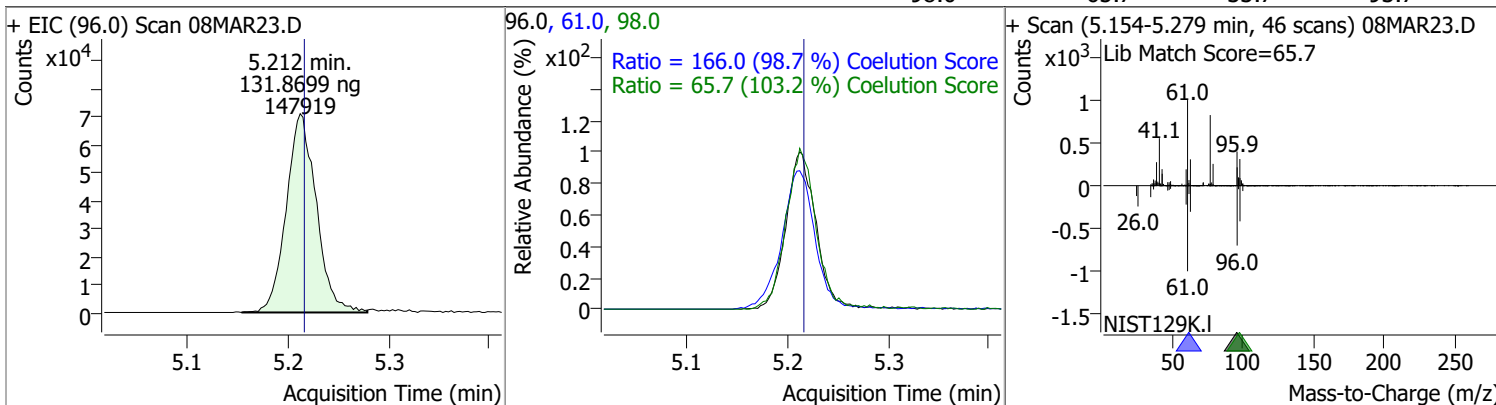


# Quantitation Results Report (QT Reviewed)

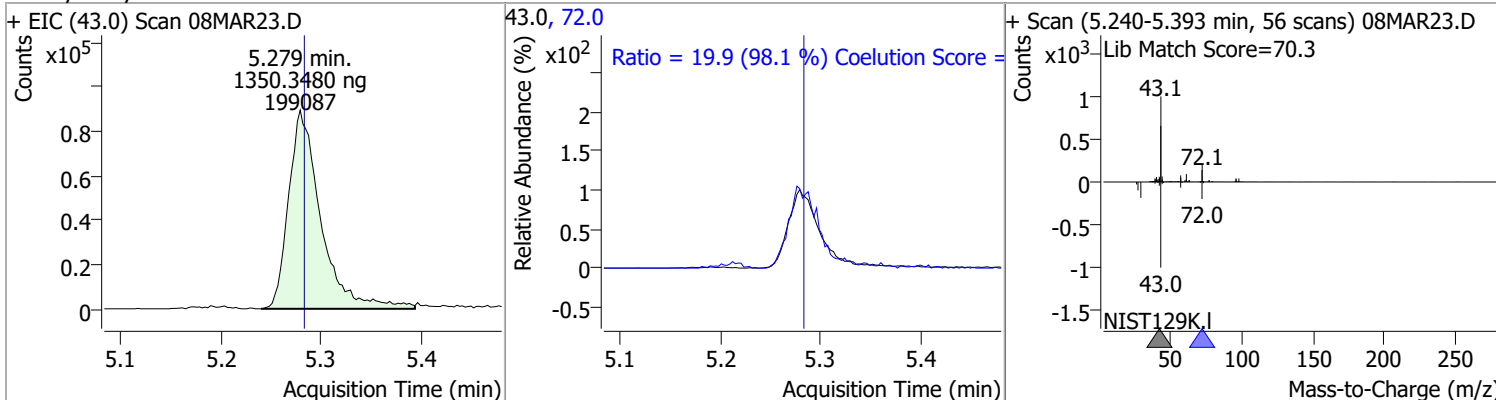
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	124.4436	5.19	0.00	203762	41.0	68.6	38.2	98.2
					97.0	22.7	0.0	52.4



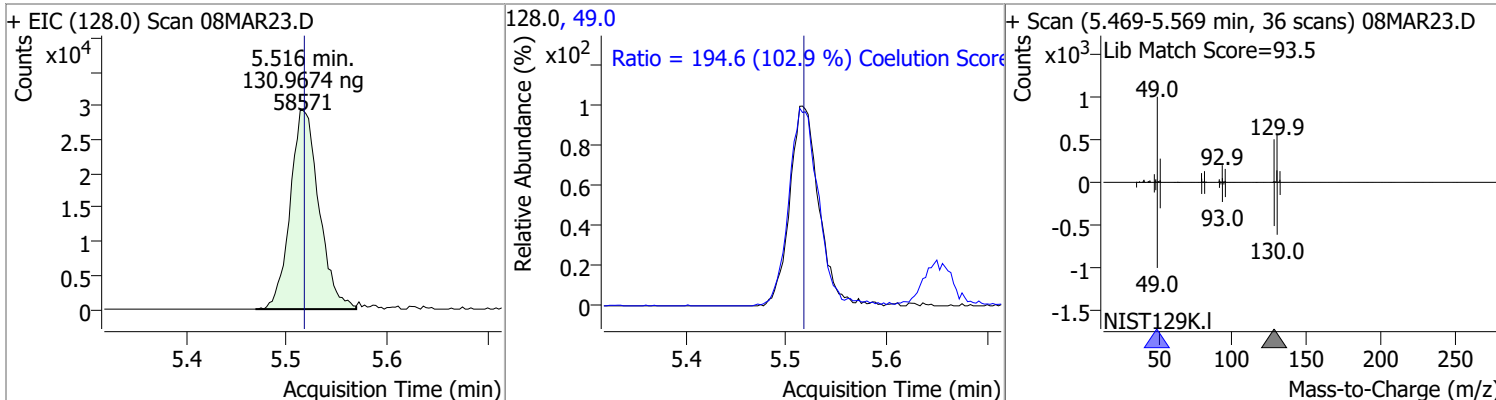
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	131.8699	5.21	0.00	147919	61.0	166.0	138.1	198.1
					98.0	65.7	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1350.3480	5.28	0.00	199087	72.0	19.9	0.0	50.3

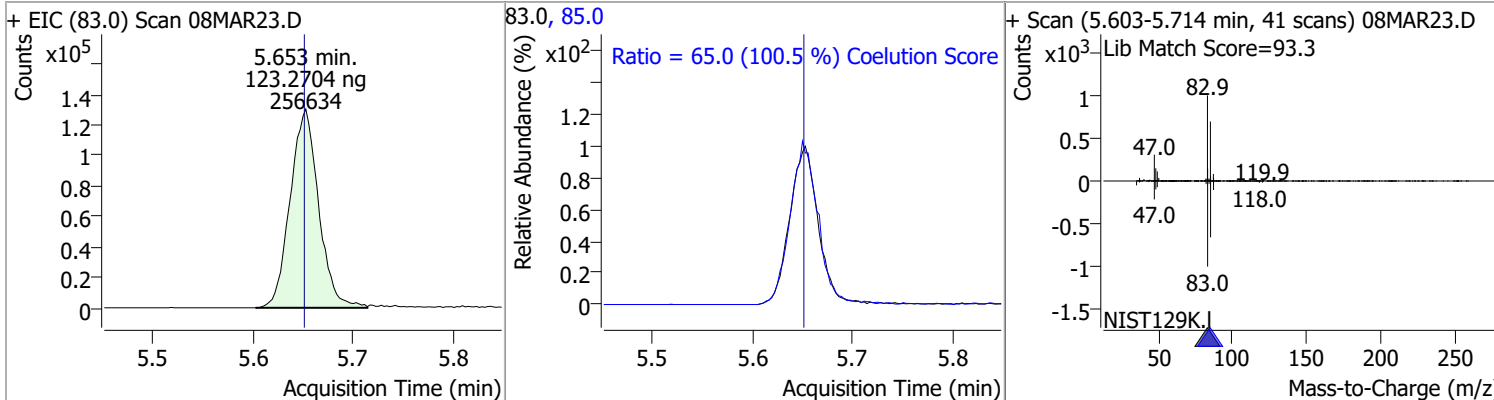


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	130.9674	5.52	0.00	58571	49.0	194.6	159.1	219.1

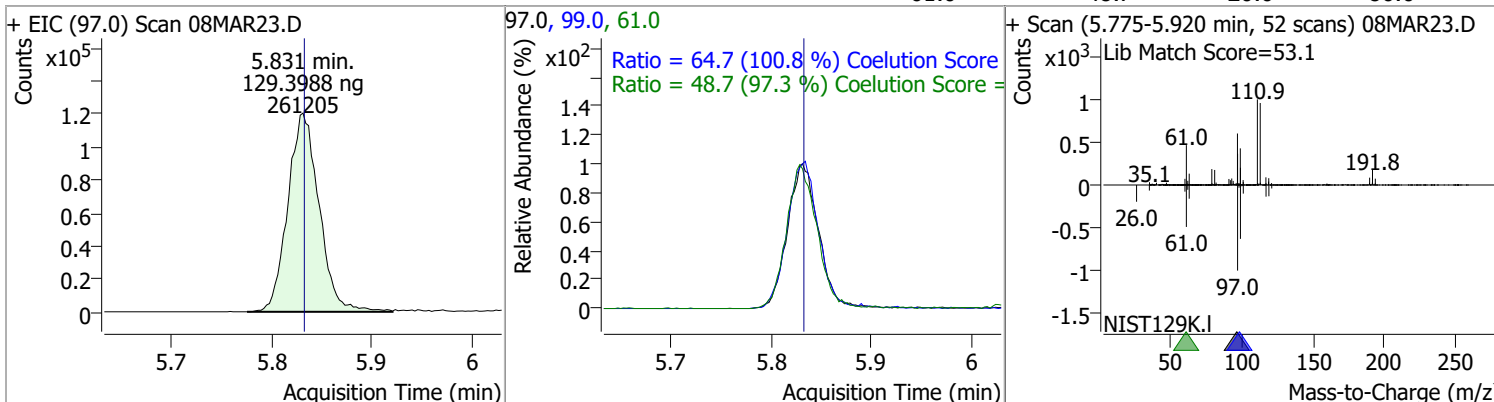


# Quantitation Results Report (QT Reviewed)

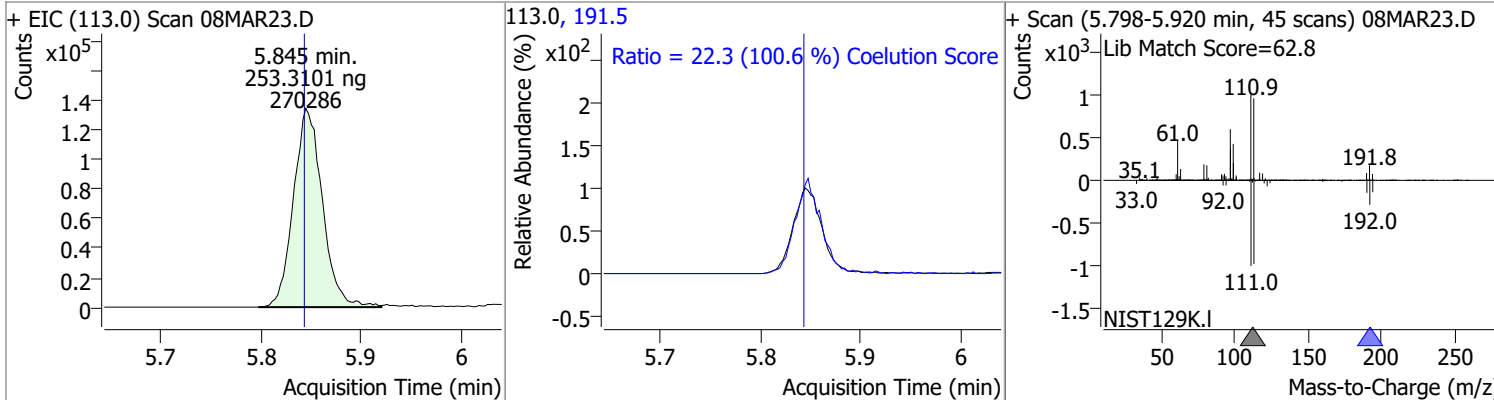
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	123.2704	5.65	0.00	256634	85.0	65.0	34.7	94.7



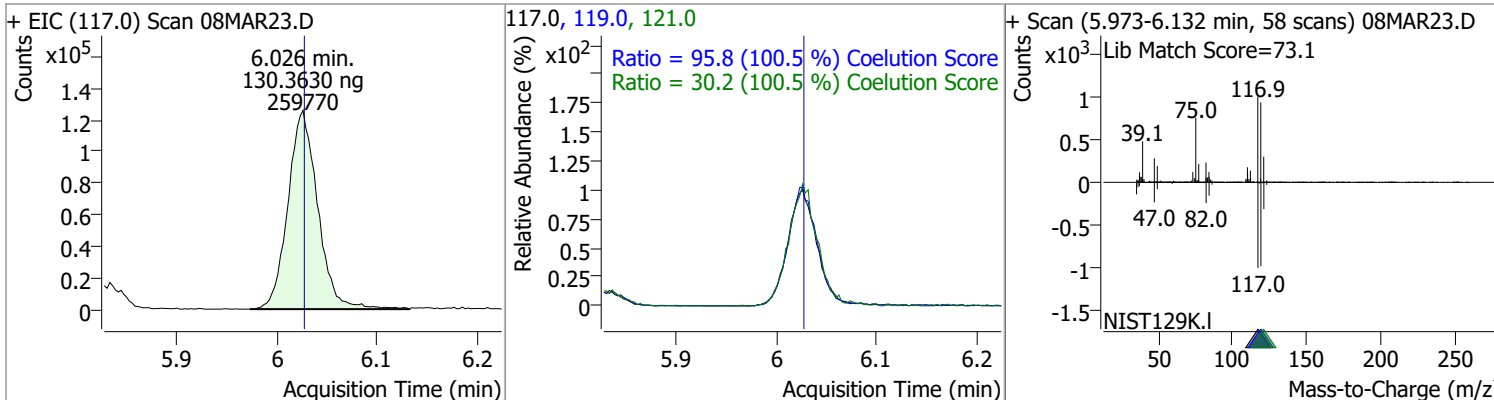
1,1,1-Trichloroethane	129.3988	5.83	0.00	261205	99.0	64.7	34.2	94.2
					61.0	48.7	20.0	80.0



Dibromofluoromethane	253.3101	5.85	0.00	270286	191.5	22.3	0.0	52.2
----------------------	----------	------	------	--------	-------	------	-----	------

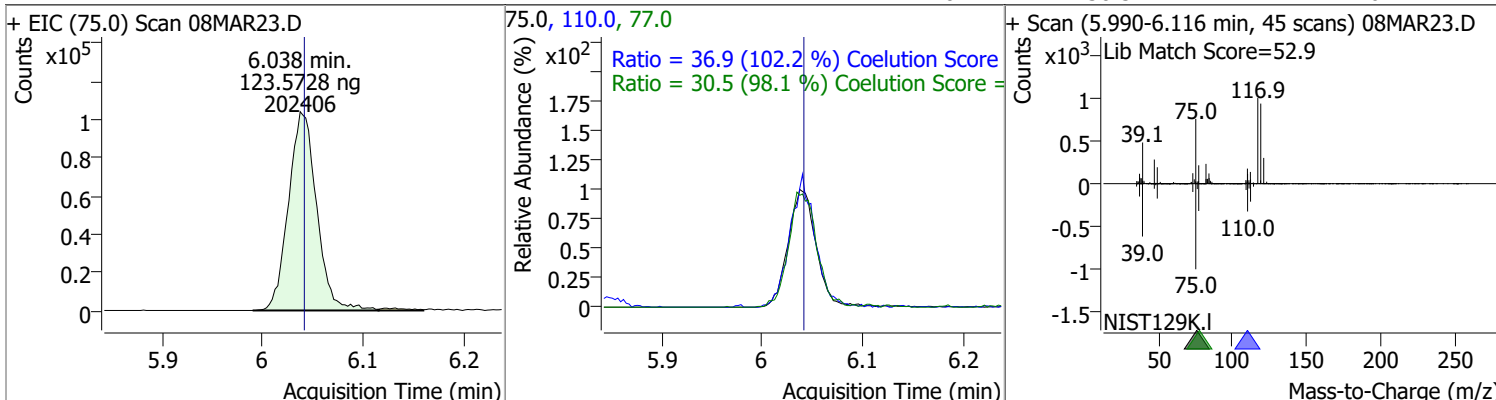


Carbon tetrachloride	130.3630	6.03	0.00	259770	119.0	95.8	65.3	125.3
					121.0	30.2	0.1	60.1

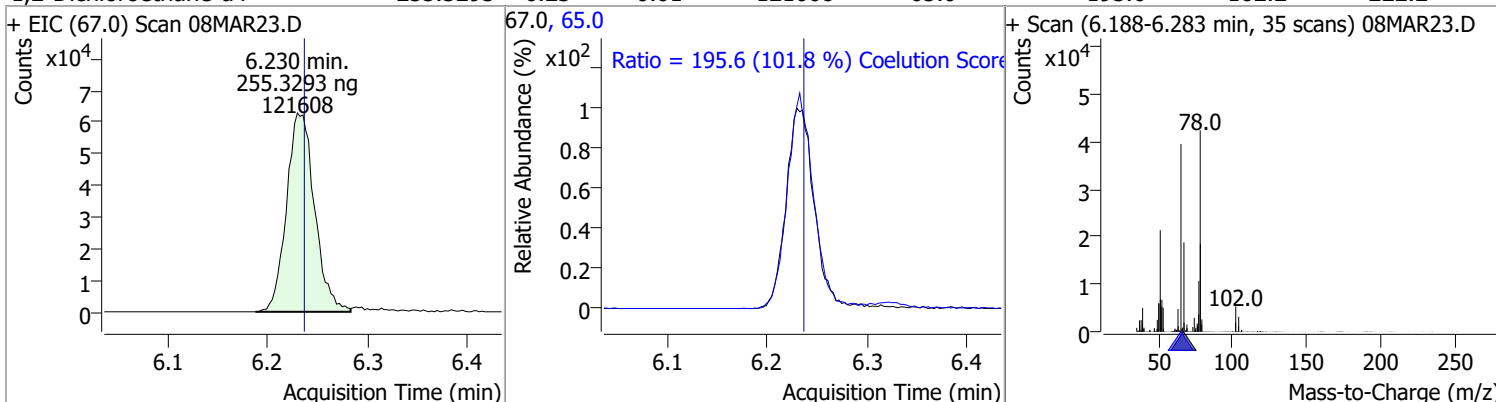


# Quantitation Results Report (QT Reviewed)

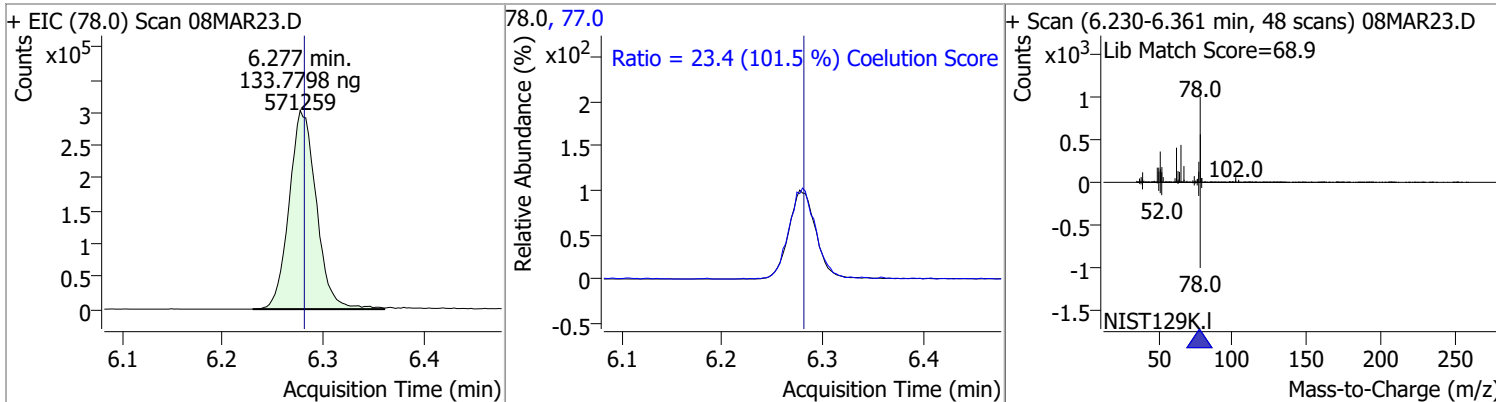
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	123.5728	6.04	0.00	202406	110.0	36.9	6.1	66.1
					77.0	30.5	1.1	61.1



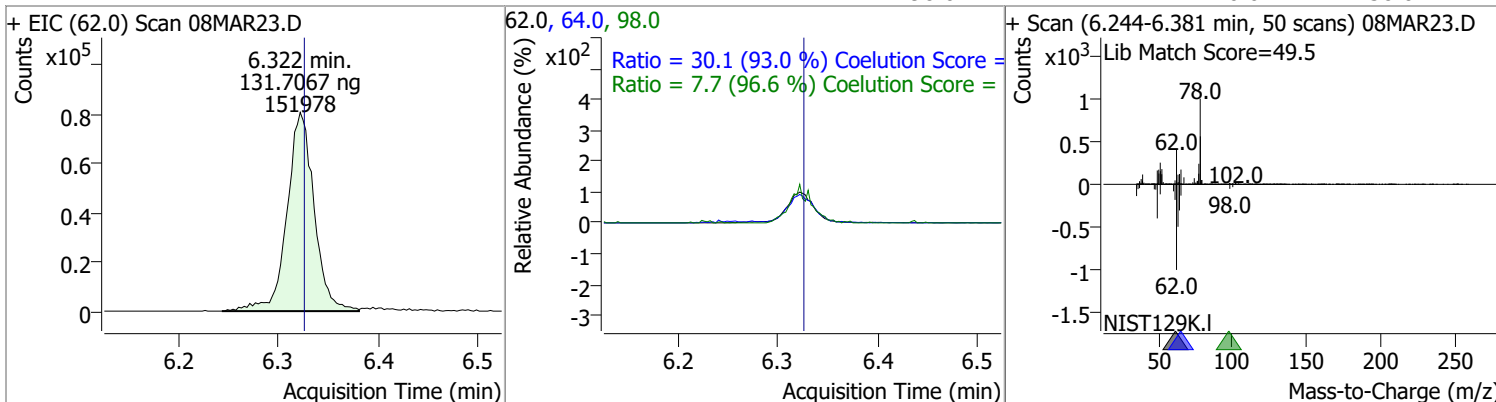
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	255.3293	6.23	-0.01	121608	65.0	195.6	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	133.7798	6.28	0.00	571259	77.0	23.4	0.0	53.0



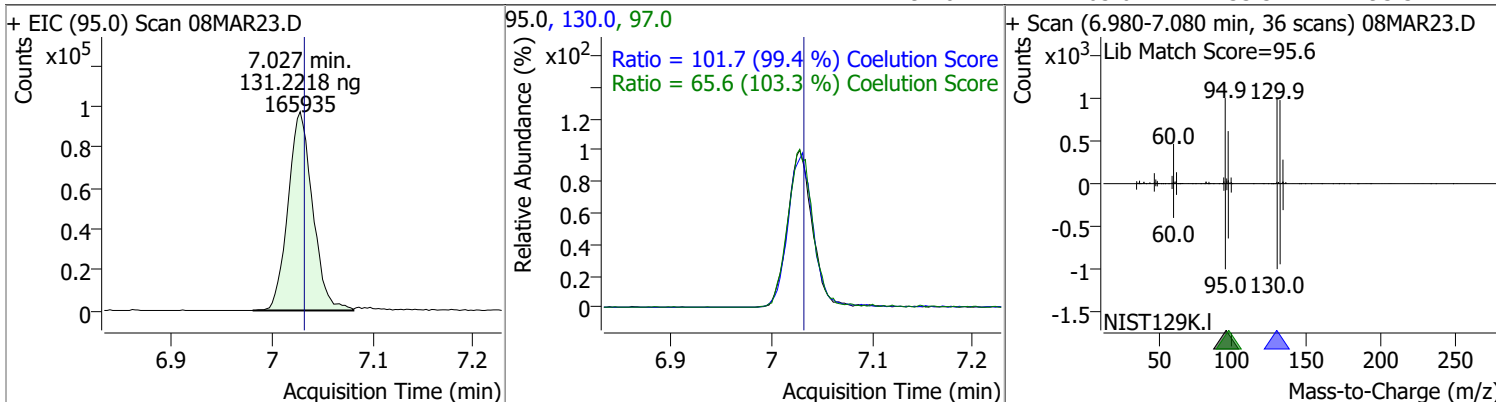
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	131.7067	6.32	0.00	151978	64.0	30.1	2.3	62.3
					98.0	7.7	0.0	38.0



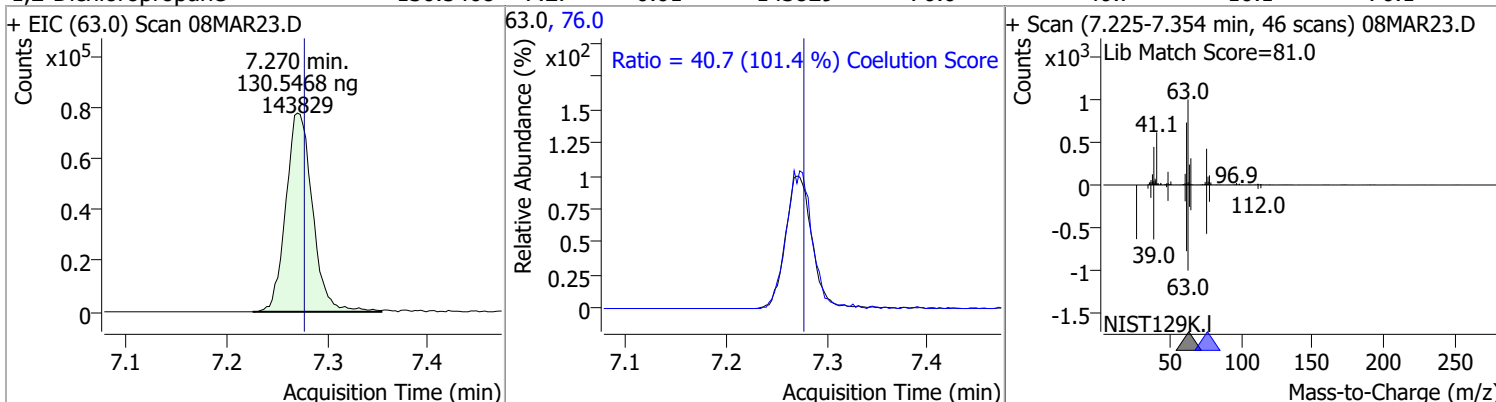


# Quantitation Results Report (QT Reviewed)

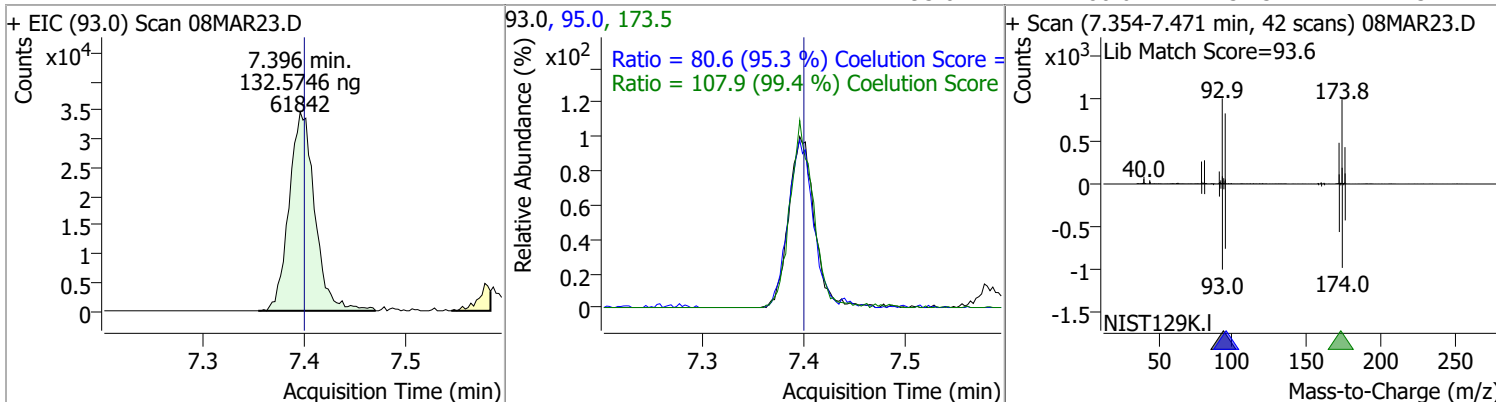
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	131.2218	7.03	0.00	165935	130.0	101.7	72.3	132.3
					97.0	65.6	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	130.5468	7.27	-0.01	143829	76.0	40.7	10.1	70.1

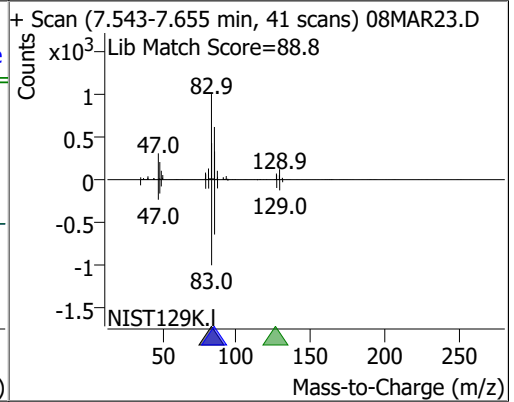
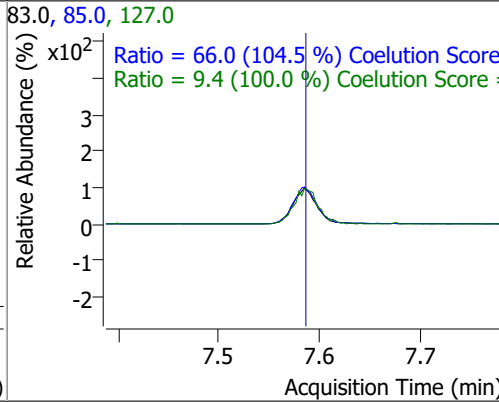
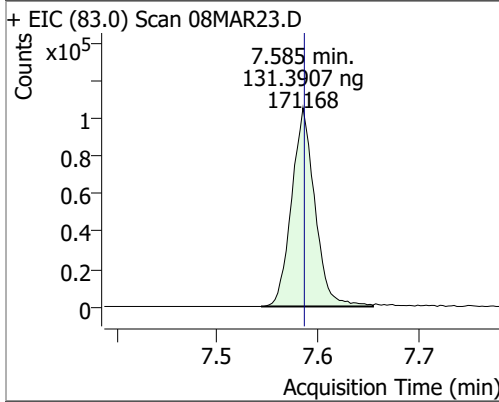


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	132.5746	7.40	0.00	61842	173.5	107.9	78.6	138.6
					95.0	80.6	54.5	114.5

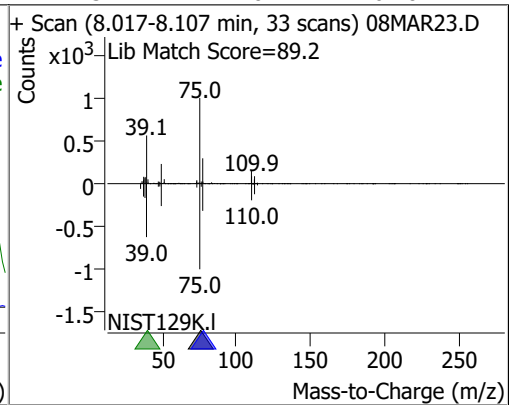
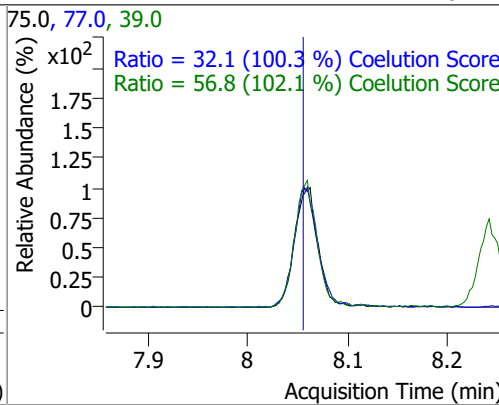
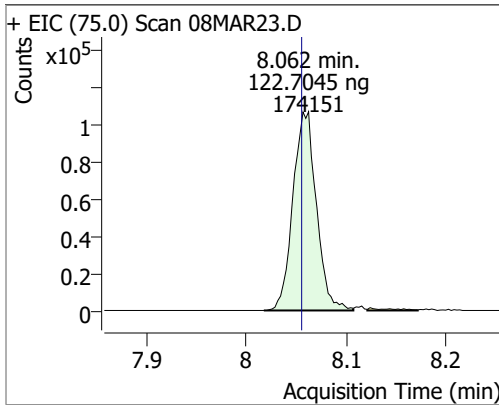


# Quantitation Results Report (QT Reviewed)

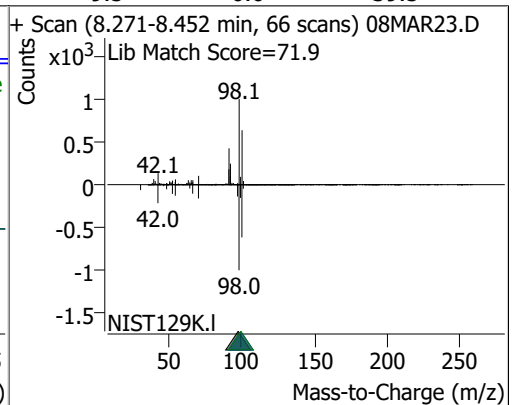
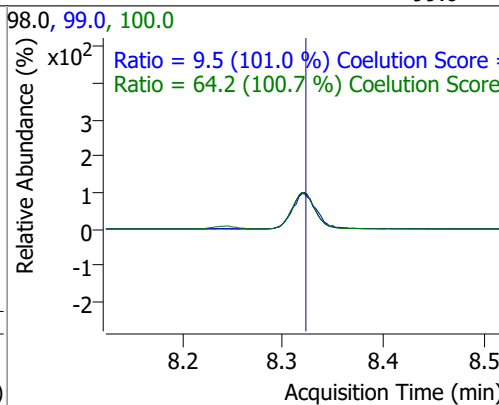
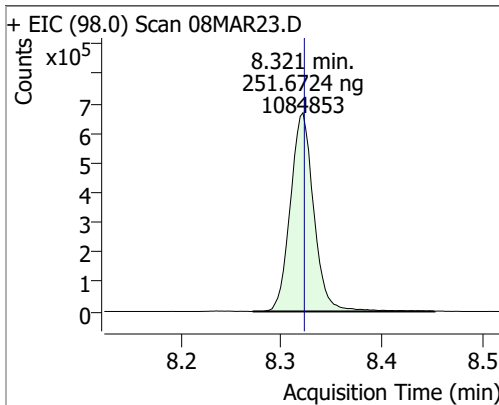
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	131.3907	7.59	0.00	171168	85.0	66.0	33.2	93.2
					127.0	9.4	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	122.7045	8.06	0.01	174151	39.0	56.8	25.6	85.6
					77.0	32.1	2.0	62.0

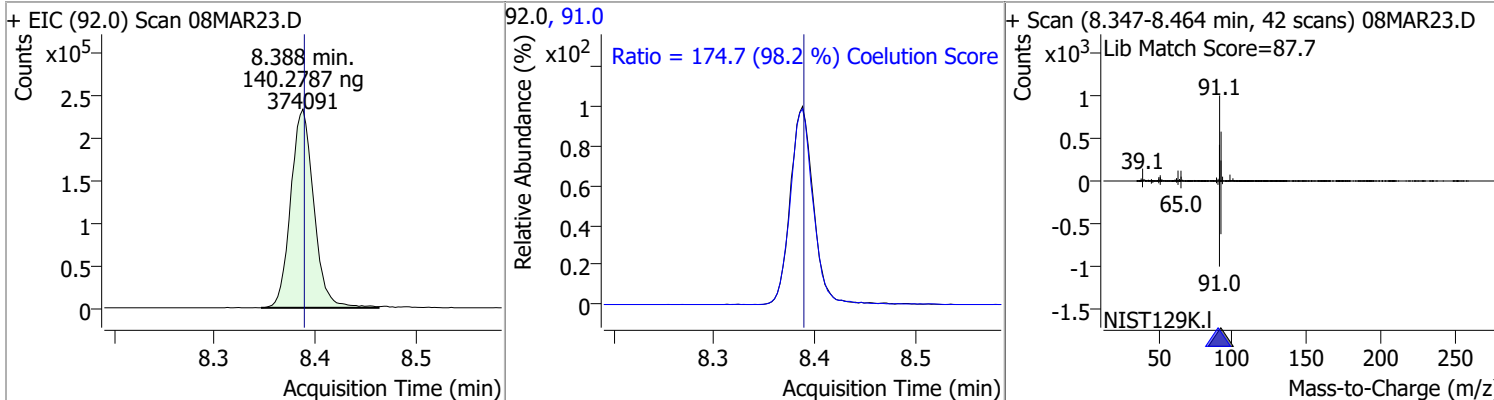


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	251.6724	8.32	0.00	1084853	100.0	64.2	33.7	93.7
					99.0	9.5	0.0	39.5

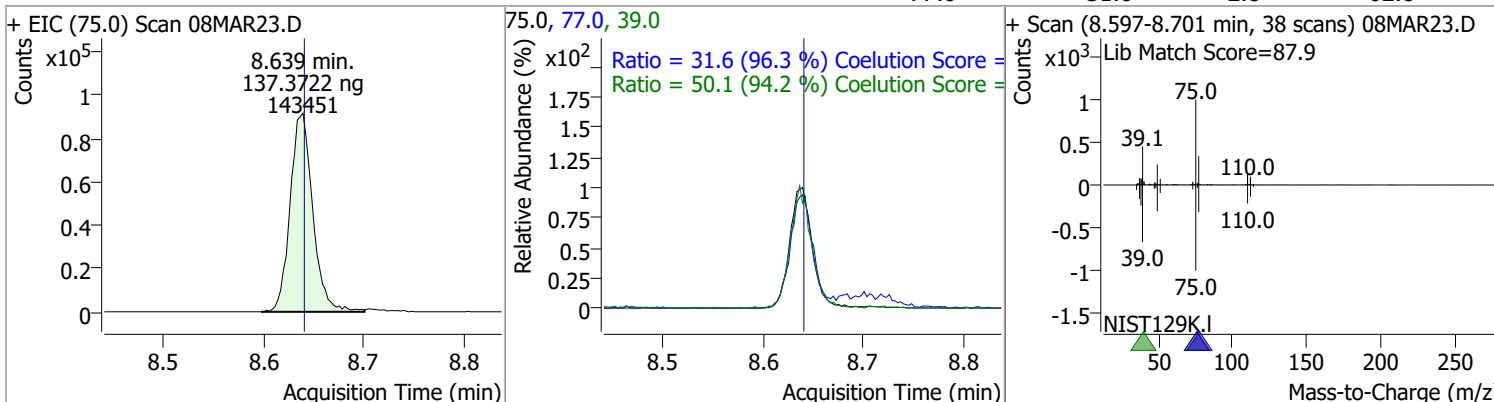


# Quantitation Results Report (QT Reviewed)

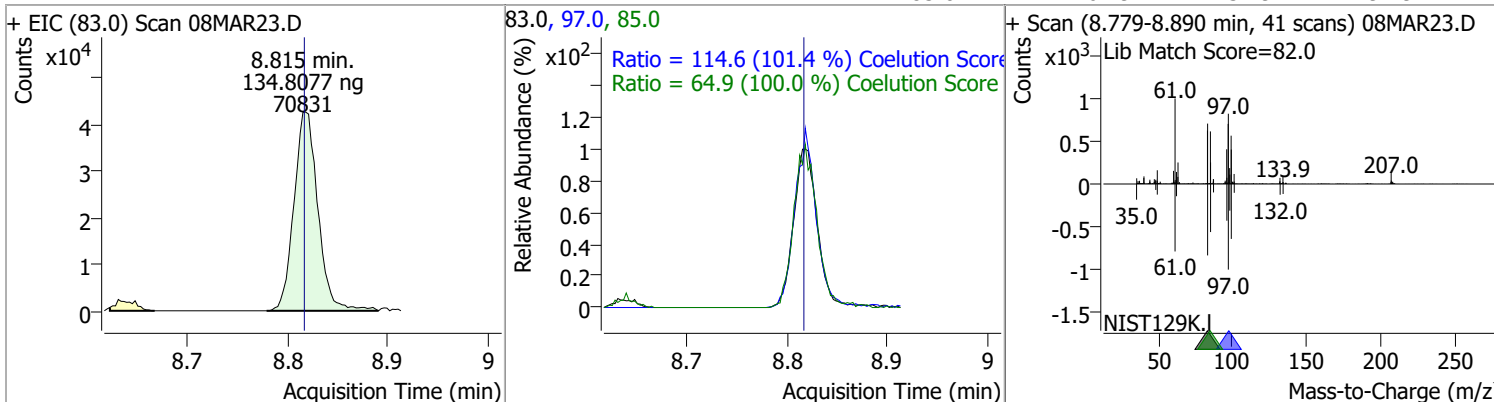
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	140.2787	8.39	0.00	374091	91.0	174.7	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	137.3722	8.64	0.00	143451	39.0	50.1	23.2	83.2
					77.0	31.6	2.8	62.8

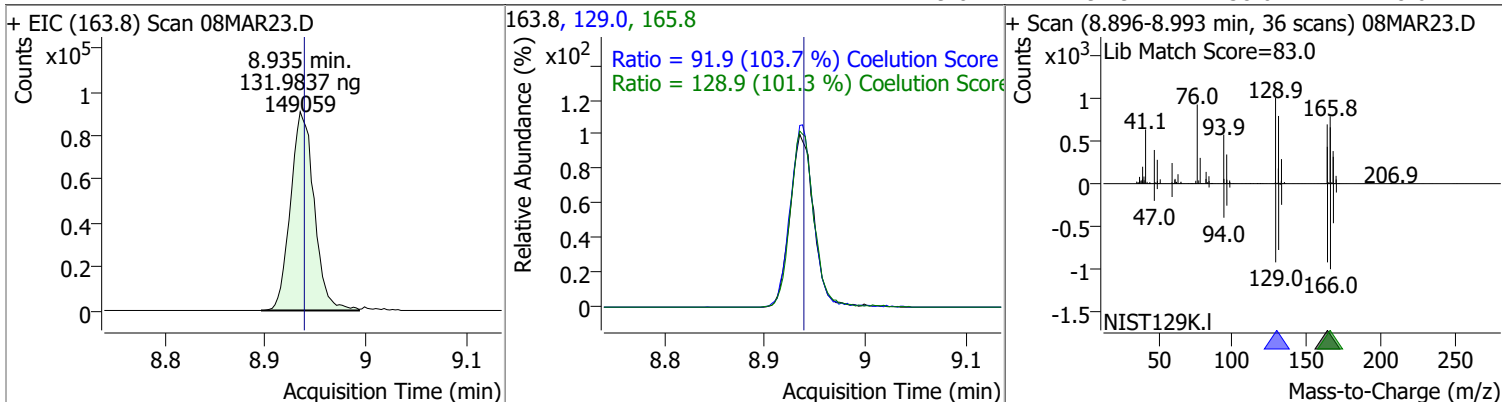


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	134.8077	8.82	0.00	70831	97.0	114.6	83.0	143.0
					85.0	64.9	34.9	94.9

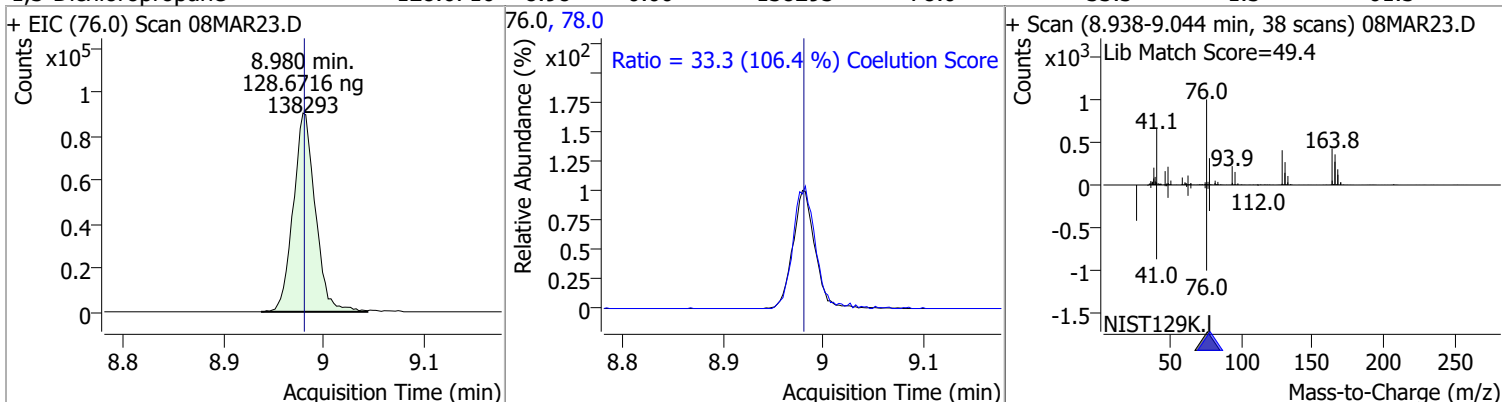


# Quantitation Results Report (QT Reviewed)

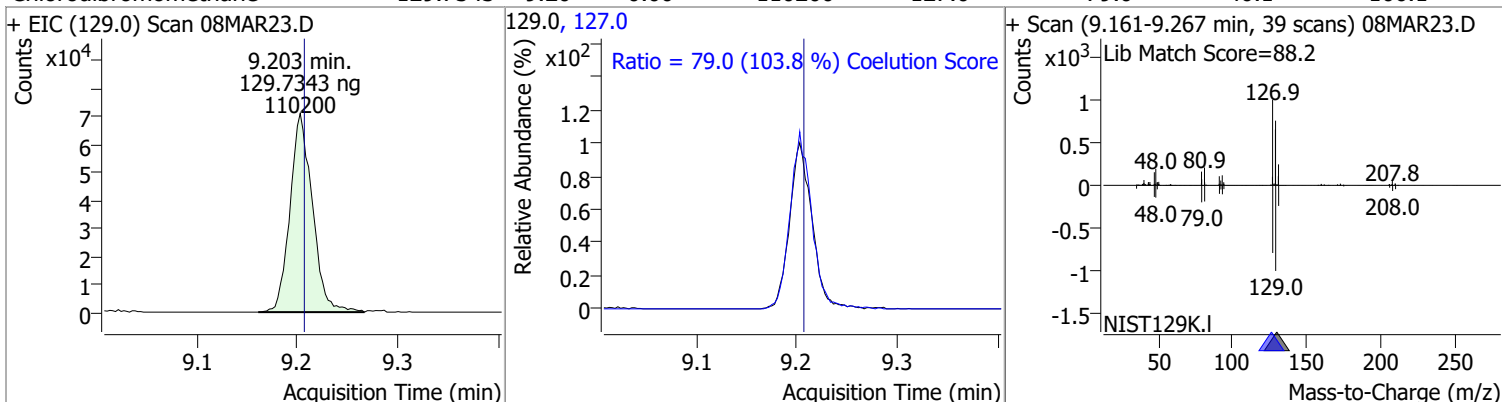
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	131.9837	8.93	0.00	149059	165.8	128.9	97.2	157.2
					129.0	91.9	58.6	118.6



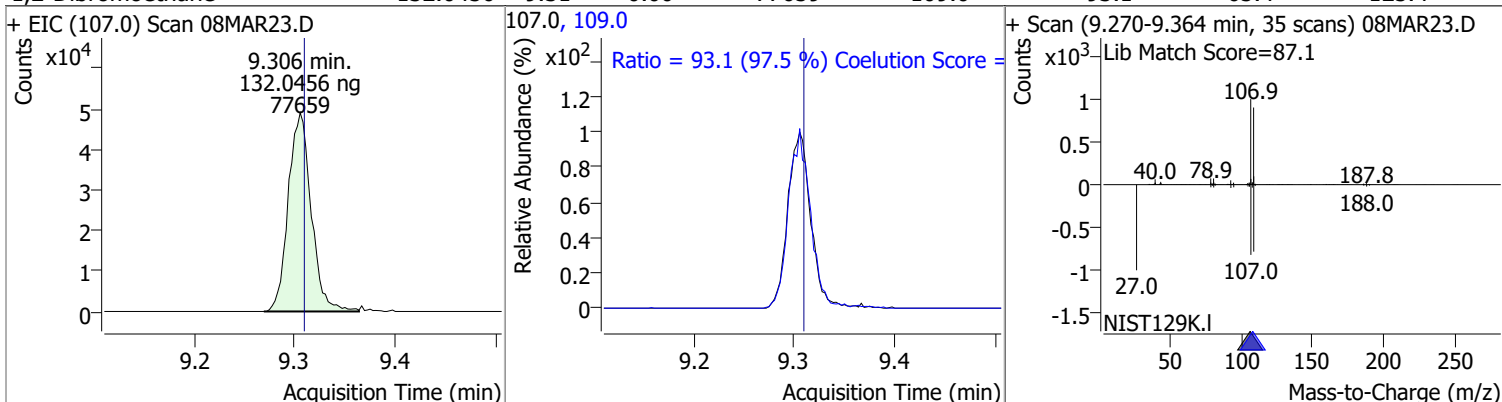
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	128.6716	8.98	0.00	138293	78.0	33.3	1.3	61.3



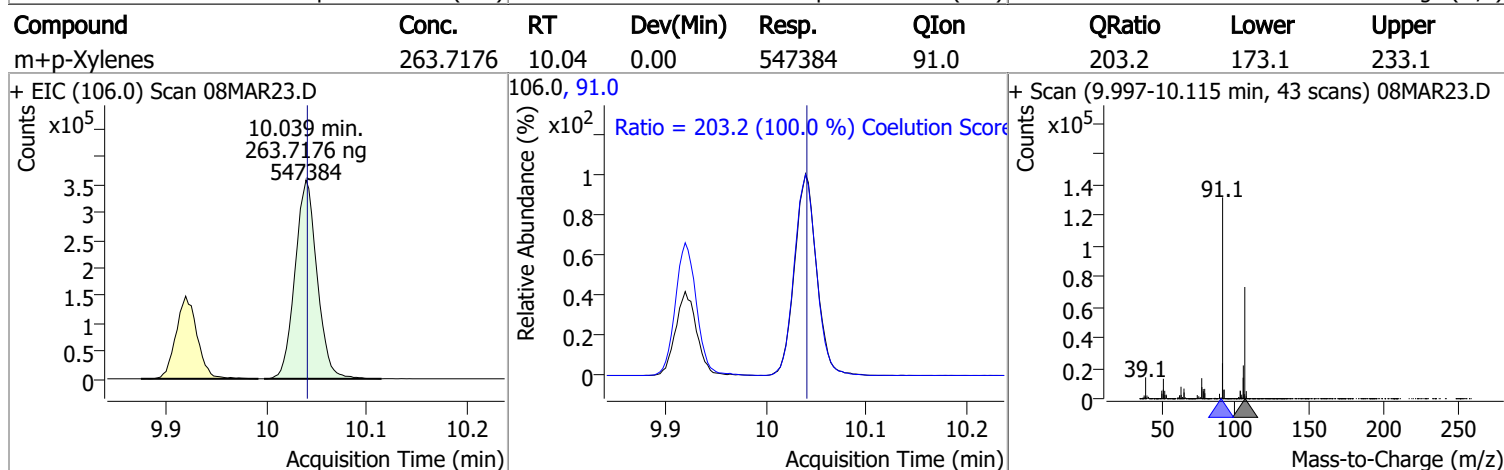
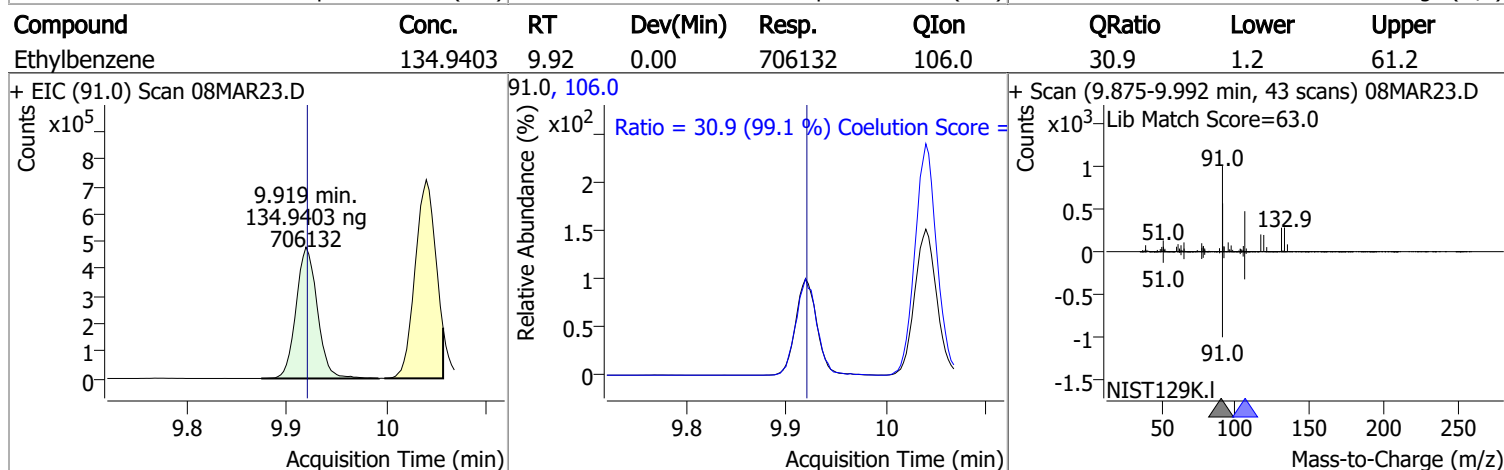
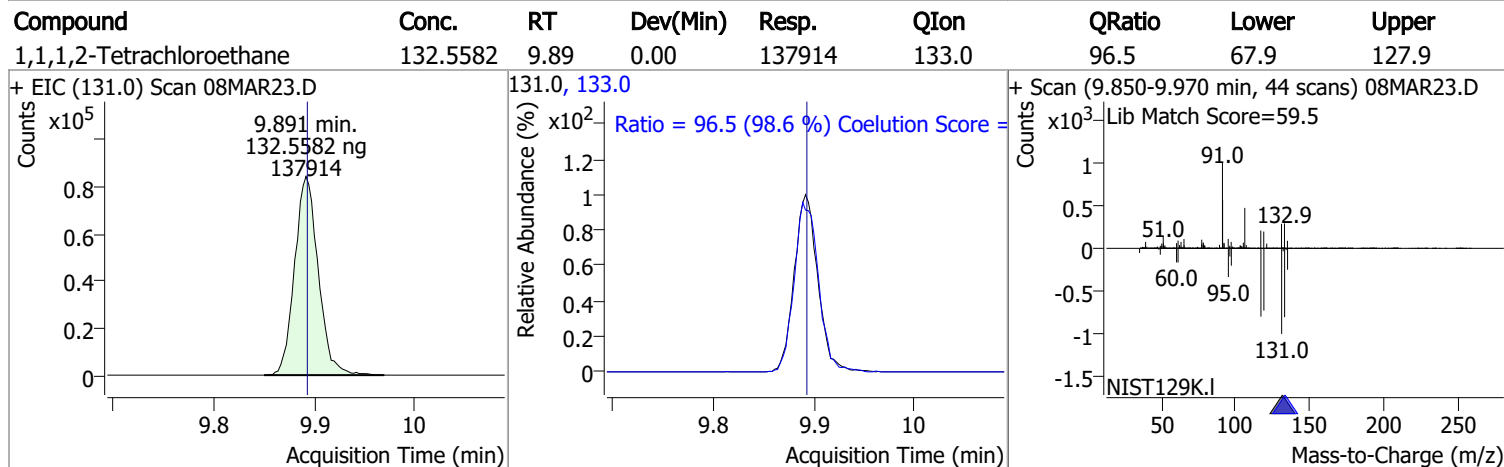
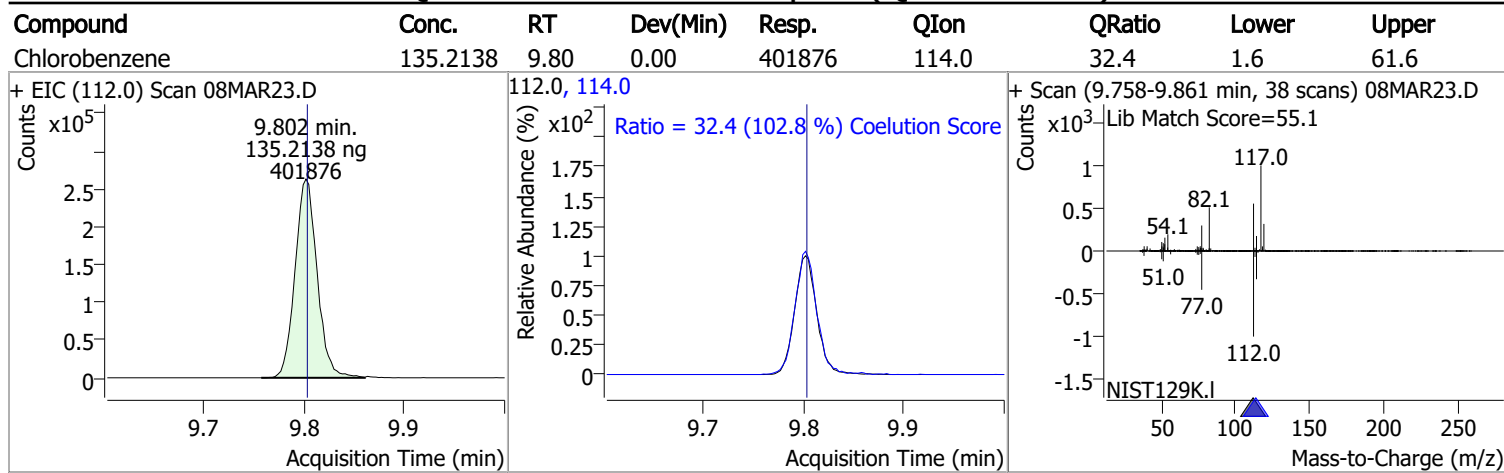
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	129.7343	9.20	0.00	110200	127.0	79.0	46.1	106.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	132.0456	9.31	0.00	77659	109.0	93.1	65.4	125.4

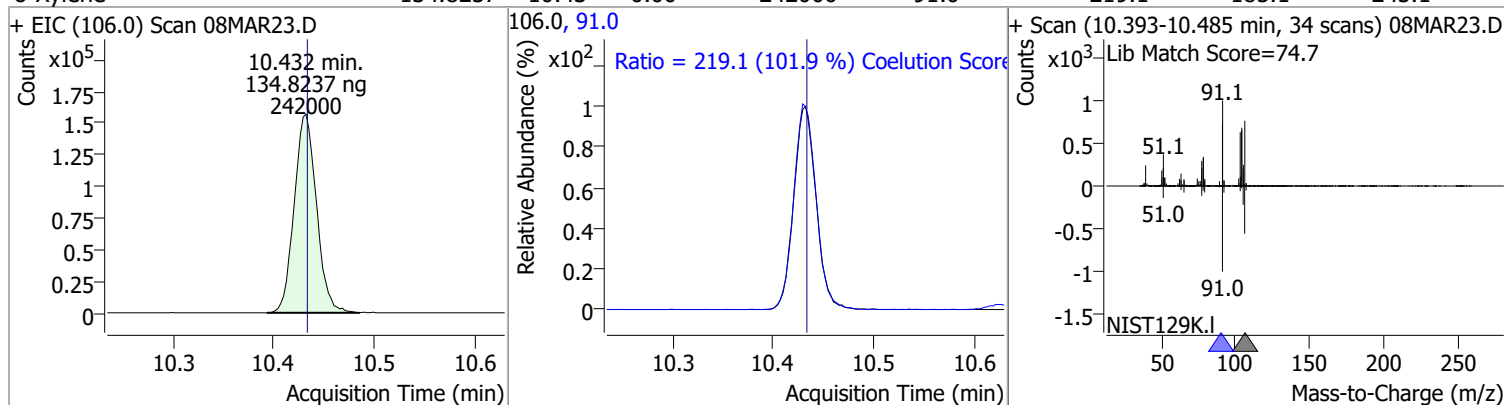


# Quantitation Results Report (QT Reviewed)

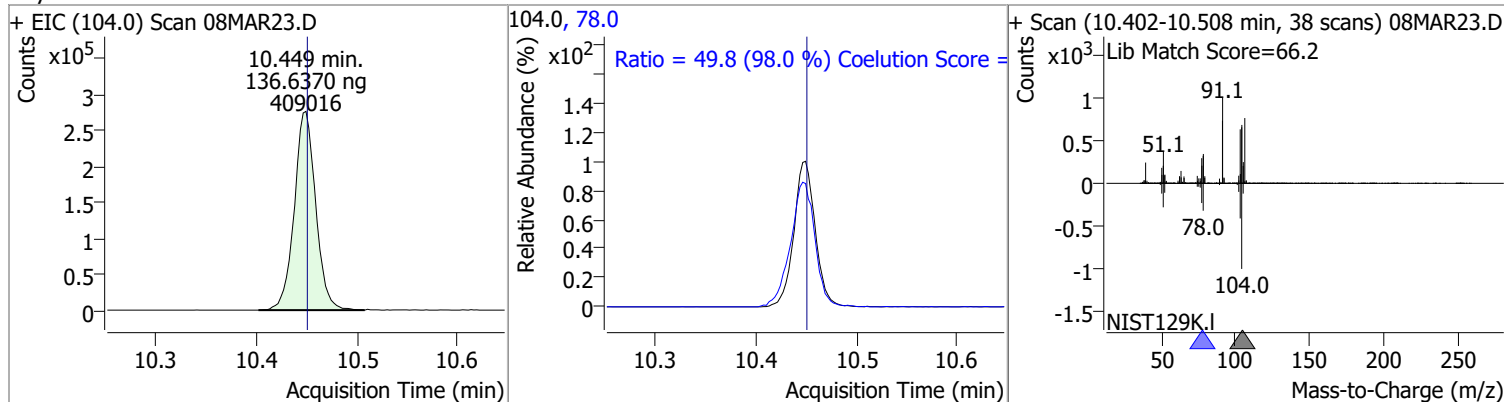


# Quantitation Results Report (QT Reviewed)

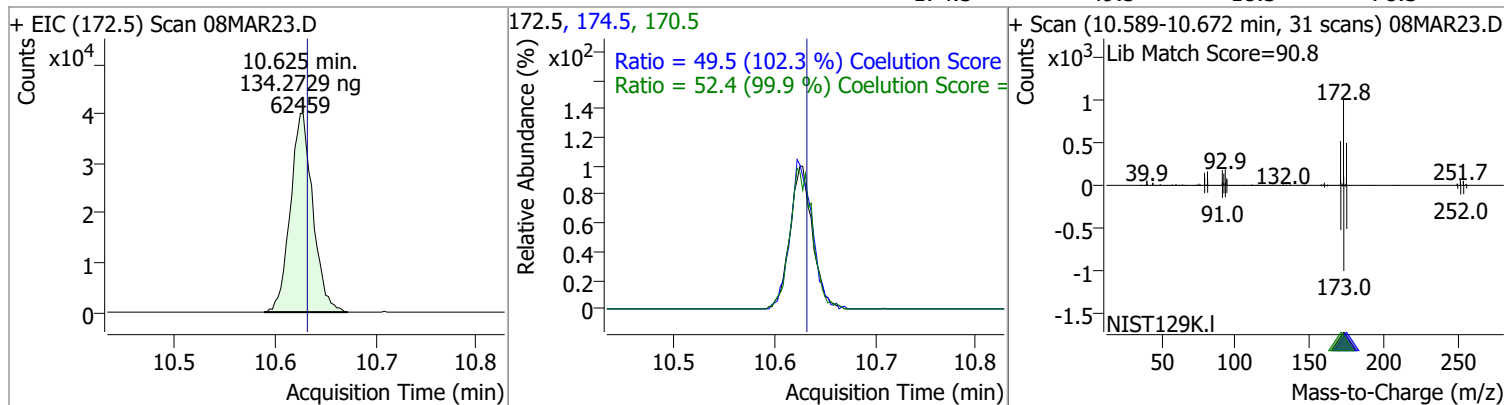
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	134.8237	10.43	0.00	242000	91.0	219.1	185.1	245.1



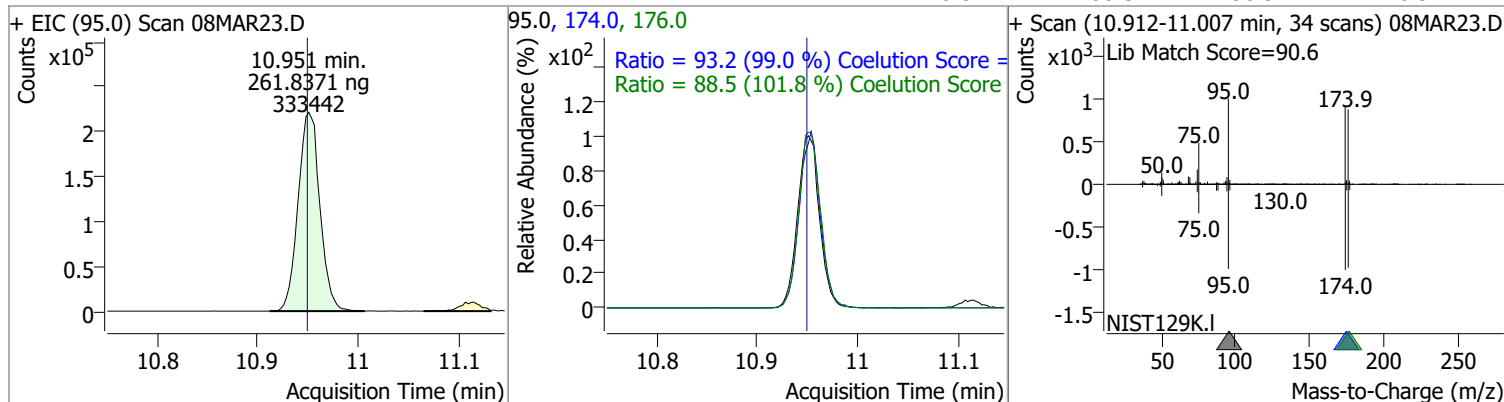
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	136.6370	10.45	0.00	409016	78.0	49.8	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	134.2729	10.62	-0.01	62459	170.5	52.4	22.5	82.5
					174.5	49.5	18.3	78.3

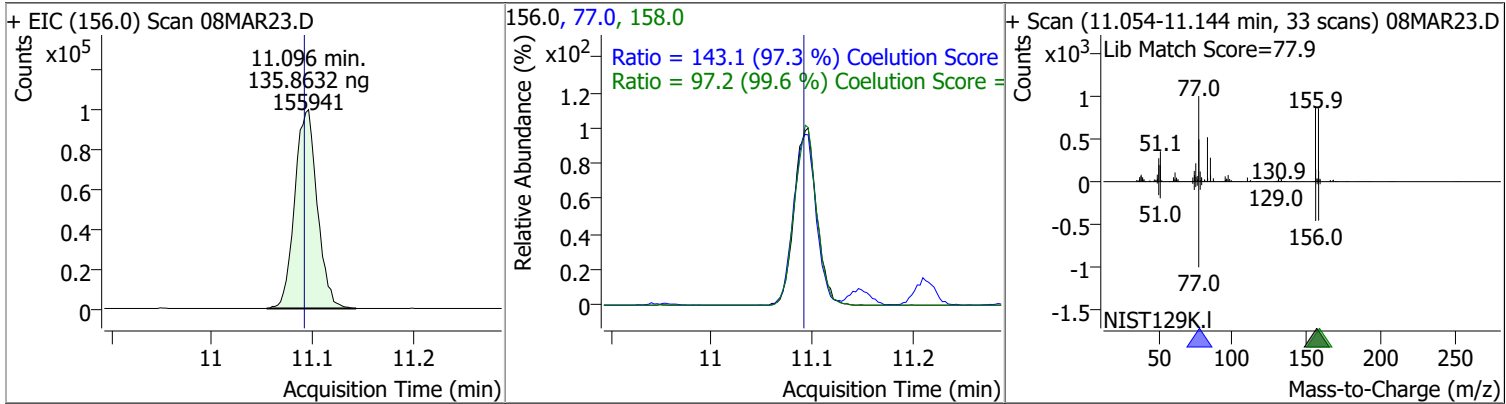


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	261.8371	10.95	0.00	333442	174.0	93.2	64.2	124.2
					176.0	88.5	56.9	116.9

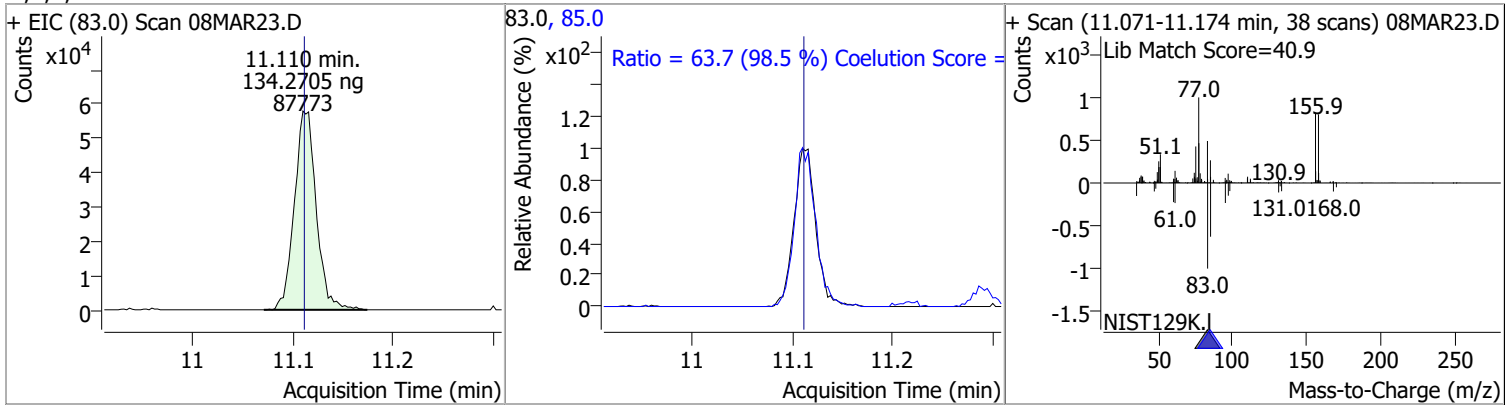


# Quantitation Results Report (QT Reviewed)

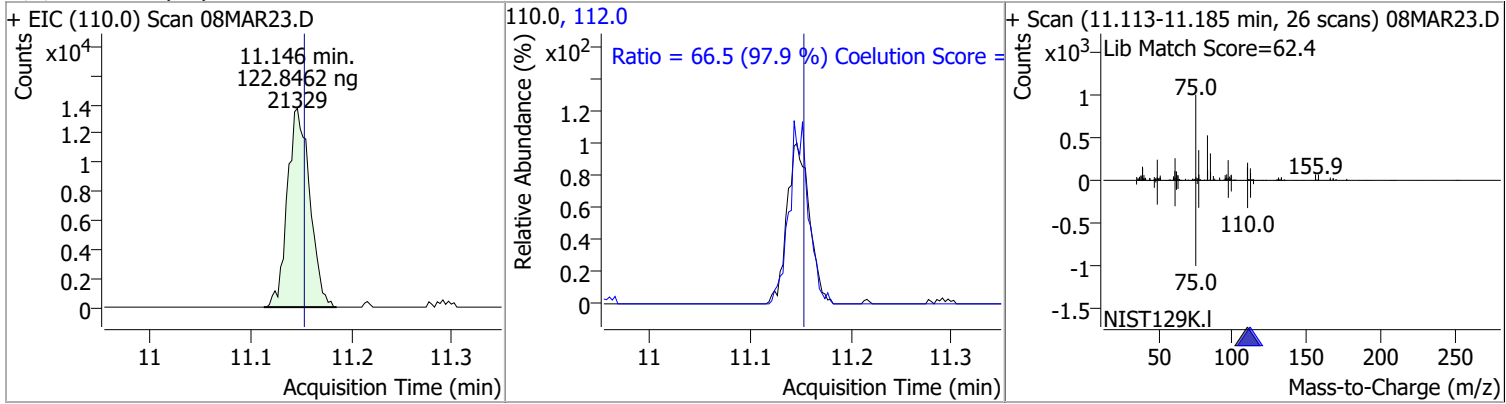
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	135.8632	11.10	0.01	155941	77.0	143.1	117.1	177.1
					158.0	97.2	67.6	127.6



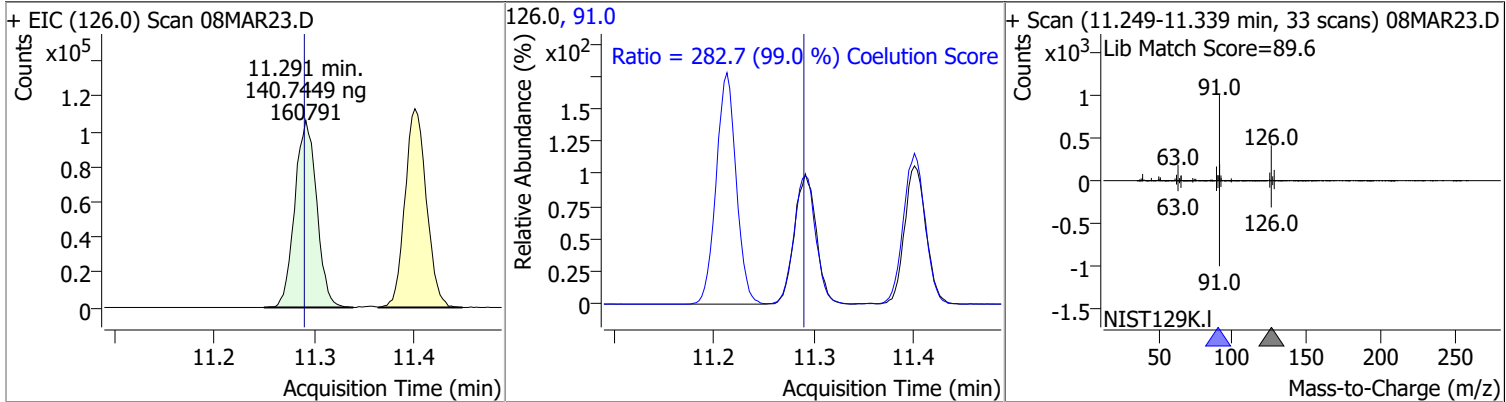
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	134.2705	11.11	0.00	87773	85.0	63.7	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	122.8462	11.15	-0.01	21329	112.0	66.5	37.9	97.9

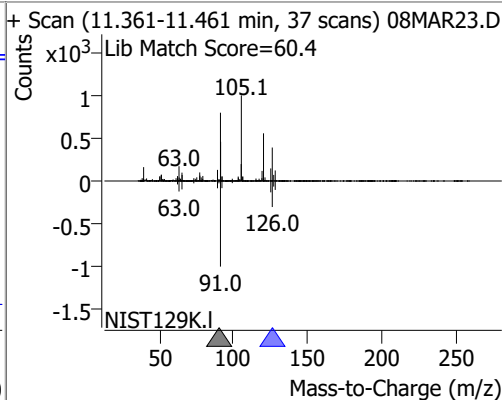
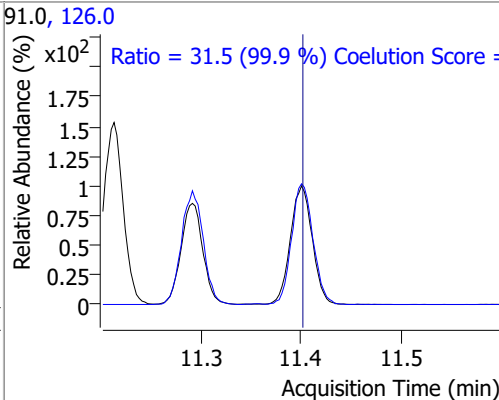
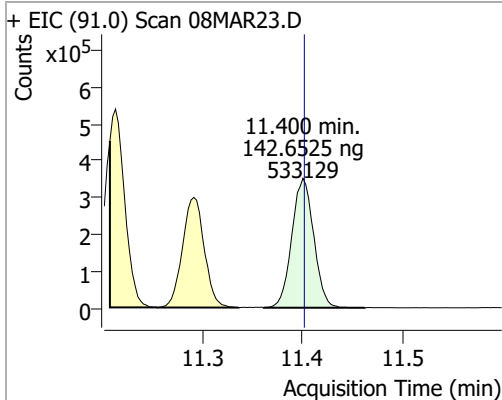


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	140.7449	11.29	0.00	160791	91.0	282.7	255.6	315.6

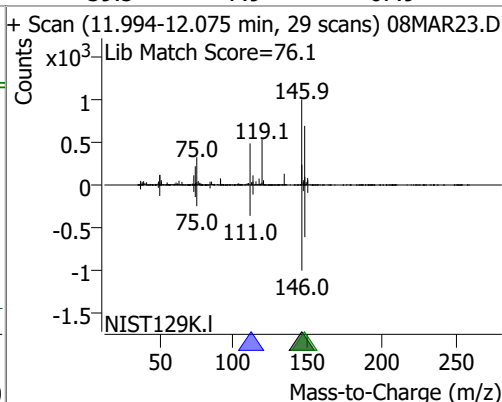
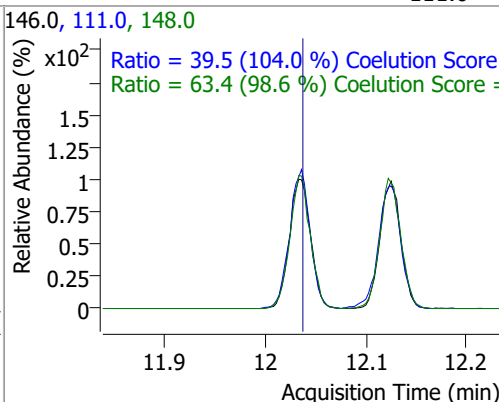
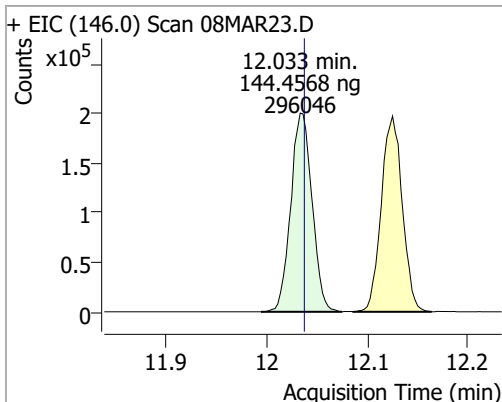


# Quantitation Results Report (QT Reviewed)

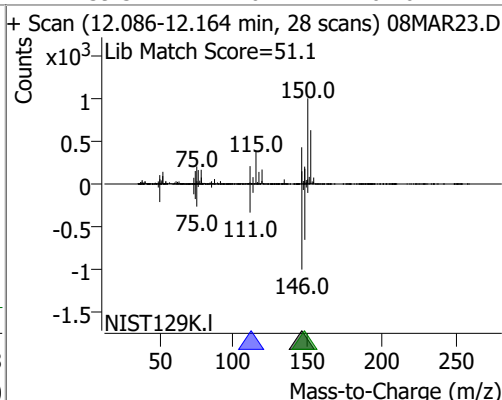
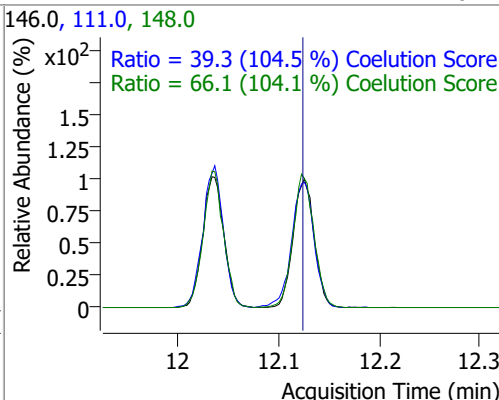
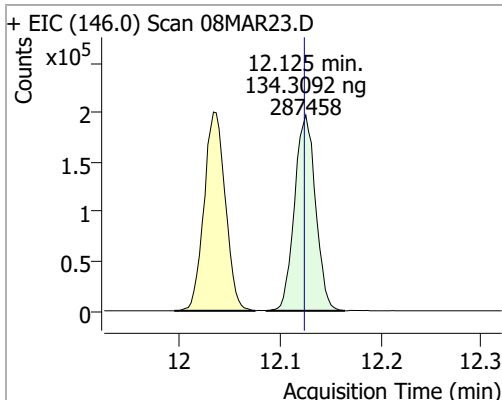
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	142.6525	11.40	0.00	533129	126.0	31.5	1.5	61.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	144.4568	12.03	0.00	296046	148.0	63.4	34.3	94.3
					111.0	39.5	7.9	67.9



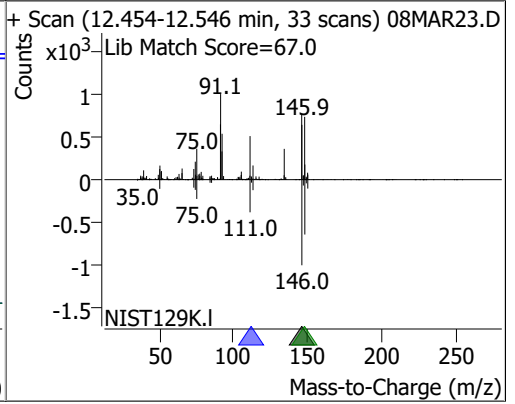
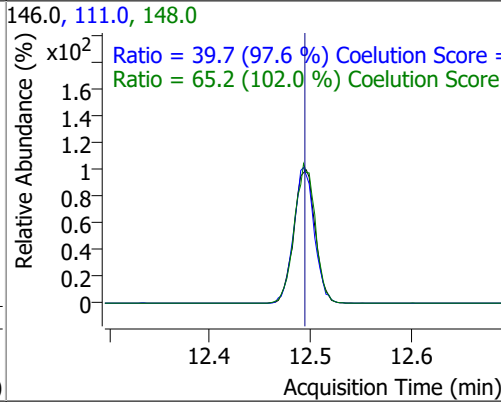
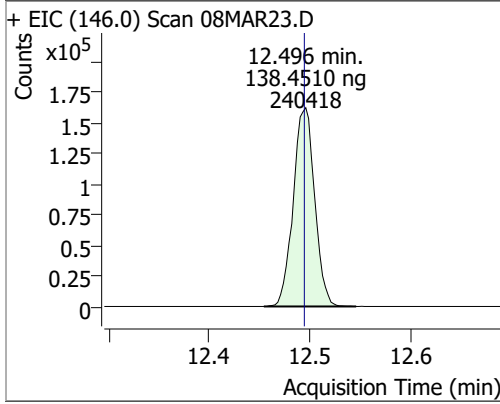
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	134.3092	12.13	0.00	287458	148.0	66.1	33.5	93.5
					111.0	39.3	7.6	67.6





# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	138.4510	12.50	0.00	240418	148.0	65.2	33.9	93.9
					111.0	39.7	10.7	70.7



# Audit Trail report

**Batch name and path:** D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822\_8260B.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	3/8/2022 10:09:39 AM	Create new batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 10:09:47 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR01.D			✓	
CmdStartMethodEditing	BL2000\mchavez	3/8/2022 10:09:56 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	3/8/2022 10:09:57 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_011922_CAL\VOA5975C_8260B_SHT_DoD_L4_011922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/8/2022 10:10:02 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/8/2022 10:10:02 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/8/2022 10:10:03 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 10:10:05 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 10:10:28 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/8/2022 10:38:06 AM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 10:38:21 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR02.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 10:38:25 AM	Set SampleType = TuneCheck for sample 08MAR02.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 10:39:34 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/8/2022 11:08:06 AM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 11:14:30 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR03.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 11:14:35 AM	Set SampleType = CC for sample 08MAR03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 11:14:38 AM	Set LevelName = CC for sample 08MAR03.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 11:14:42 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 11:21:27 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/8/2022 12:05:32 PM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 12:05:49 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR04.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 12:05:54 PM	Set SampleType = CC for sample 08MAR04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 12:06:00 PM	Set LevelName = CC for sample 08MAR04.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 12:06:06 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 12:35:28 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR05.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 12:35:37 PM	Set SampleType = CC for sample 08MAR05.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 12:35:41 PM	Set LevelName = CC for sample 08MAR05.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 12:35:49 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 12:44:50 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/8/2022 1:40:33 PM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 1:40:55 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR07.D, D:\Org\Data\VOA5975C\VG030822\08MAR06.D			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 1:41:27 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR08.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 1:41:32 PM	Set SampleType = TuneCheck for sample 08MAR08.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 1:41:38 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 1:43:03 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/8/2022 2:26:33 PM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 2:26:51 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR09.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 2:26:57 PM	Set SampleType = Blank for sample 08MAR09.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 2:27:03 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 2:40:40 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/8/2022 3:19:59 PM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 3:21:33 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR10.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 3:21:39 PM	Set SampleType = Calibration for sample 08MAR10.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 3:21:43 PM	Set LevelName = 1 for sample 08MAR10.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 3:22:25 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:22:38 PM	Manually integrate compound Chloroethane in sample 08MAR10.D from x, y = 1.866, 0 to 1.930, 0; result = 2604			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:22:45 PM	Manually integrate qualifier66.0 of compound Chloroethane in sample 08MAR10.D from x, y = 1.863, 0 to 1.919, 0; result = 823			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:25:47 PM	Manually integrate compound Bromomethane in sample 08MAR10.D from x, y = 1.768, 0 to 1.835, 3; result = 2110			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:25:58 PM	Manually integrate qualifier87.0 of compound Dichlorodifluoromethane in sample 08MAR10.D from x, y = 1.219, 0 to 1.277, 0; result = 1140			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:26:04 PM	Set UserAnnotation = NI for compound Bromomethane in sample 08MAR10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:26:07 PM	Set UserAnnotation = NI for compound Chloroethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:26:27 PM	Manually integrate qualifier 64.0 of compound Vinyl chloride in sample 08MAR10.D, from x, y = 1.475, 0 to 1.514, 22, result = 1333; previous integration is from x, y = 1.314, 0 to 1.369, 0 and previous response = 4198.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/8/2022 3:26:29 PM	Drop baseline for qualifier 64.0 of compound Vinyl chloride in sample 08MAR10.D to y = 0, new integration is from x, y = 1.475, 0 to 1.514, 0 and new response = 1358; previous integration is from x, y = 1.475, 0 to 1.514, 22 and previous response = 1333.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:27:20 PM	Manually integrate qualifier 61.0 of compound 1,1-Dichloroethene in sample 08MAR10.D, from x, y = 2.663, 0 to 2.736, 0, result = 4417; previous integration is from x, y = 2.699, 0 to 2.736, 0 and previous response = 2212.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:27:23 PM	Manually integrate qualifier 63.0 of compound 1,1-Dichloroethene in sample 08MAR10.D from x, y = 2.672, 0 to 2.722, 0; result = 1463			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:27:32 PM	Manually integrate qualifier 98.0 of compound trans-1,2-Dichloroethene in sample 08MAR10.D from x, y = 3.681, 0 to 3.762, 0; result = 1564			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:34:53 PM	Manually integrate compound Methyl tert-butyl ether (MTBE) in sample 08MAR10.D, from x, y = 3.670, 0 to 3.798, 0, result = 3577; previous integration is from x, y = 3.748, 0 to 3.798, 0 and previous response = 2266.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:34:56 PM	Set UserAnnotation = LT for compound Methyl tert-butyl ether (MTBE) in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:34:59 PM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 08MAR10.D from x, y = 3.712, 0 to 3.765, 0; result = 385			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/8/2022 3:36:58 PM	Manually integrate qualifier 65.0 of compound 1,1-Dichloroethane in sample 08MAR10.D from x, y = 4.328, 0 to 4.423, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL030822_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 65.0 of compound 1,1-Dichloroethane in sample ICAL030822_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

# Audit Trail report

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	3/8/2022 3:37:02 PM	Manually integrate qualifier83.0 of compound 1,1-Dichloroethane in sample 08MAR10.D from x, y = 4.345, 0 to 4.437, 0; result = 515			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:37:05 PM	Manually integrate qualifier65.0 of compound 1,1-Dichloroethane in sample 08MAR10.D from x, y = 4.334, 0 to 4.428, 0; result = 1480			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:37:09 PM	Manually integrate compound 1,1-Dichloroethane in sample 08MAR10.D, from x, y = 4.314, 0 to 4.414, 0, result = 5296; previous integration is from x, y = 4.353, 0 to 4.414, 0 and previous response = 4939.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:37:11 PM	Set UserAnnotation = LT for compound 1,1-Dichloroethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:37:24 PM	Manually integrate compound 2,2-Dichloropropane in sample 08MAR10.D, from x, y = 5.126, 0 to 5.226, 0, result = 4314; previous integration is from x, y = 5.170, 0 to 5.226, 0 and previous response = 3795.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:37:26 PM	Set UserAnnotation = LT for compound 2,2-Dichloropropane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:37:29 PM	Manually integrate qualifier97.0 of compound 2,2-Dichloropropane in sample 08MAR10.D from x, y = 5.148, 0 to 5.262, 0; result = 979			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:37:52 PM	Manually integrate compound cis-1,2-Dichloroethene in sample 08MAR10.D from x, y = 5.153, 0 to 5.259, 0; result = 3139			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:37:57 PM	Manually integrate qualifier 61.0 of compound cis-1,2-Dichloroethene in sample 08MAR10.D, from x, y = 5.134, 0 to 5.257, 0, result = 4369; previous integration is from x, y = 5.198, 0 to 5.257, 0 and previous response = 3329.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:38:00 PM	Set UserAnnotation = NI for compound cis-1,2-Dichloroethene in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:38:03 PM	Manually integrate qualifier 98.0 of compound cis-1,2-Dichloroethene in sample 08MAR10.D from x, y = 5.162, 0 to 5.257, 0; result = 1981			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:38:15 PM	Manually integrate qualifier 72.0 of compound Methyl ethyl ketone in sample 08MAR10.D from x, y = 5.262, 0 to 5.363, 0; result = 718			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:38:21 PM	Manually integrate compound Methyl ethyl ketone in sample 08MAR10.D, from x, y = 5.259, 0 to 5.329, 0, result = 3118; previous integration is from x, y = 5.259, 0 to 5.315, 0 and previous response = 2858.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:38:23 PM	Set UserAnnotation = LT for compound Methyl ethyl ketone in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:38:28 PM	Manually integrate compound Bromochloromethane in sample 08MAR10.D from x, y = 5.485, 0 to 5.580, 0; result = 1164			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:38:30 PM	Set UserAnnotation = NI for compound Bromochloromethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:38:35 PM	Manually integrate qualifier 49.0 of compound Bromochloromethane in sample 08MAR10.D from x, y = 5.474, 0 to 5.558, 0; result = 2299			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:38:44 PM	Manually integrate compound Dibromofluoromethane in sample 08MAR10.D from x, y = 5.806, 0 to 5.895, 0; result = 2835			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:38:47 PM	Manually integrate qualifier 191.5 of compound Dibromofluoromethane in sample 08MAR10.D from x, y = 5.803, 0 to 5.904, 0; result = 352			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:38:54 PM	Manually integrate compound 1,1,1-Trichloroethane in sample 08MAR10.D, from x, y = 5.798, 0 to 5.890, 0, result = 4273; previous integration is from x, y = 5.798, 0 to 5.853, 0 and previous response = 3935.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:39:00 PM	Set UserAnnotation = LT for compound 1,1,1-Trichloroethane in sample 08MAR10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:39:04 PM	Set UserAnnotation = NI for compound Dibromofluoromethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:10 PM	Manually integrate qualifier 61.0 of compound 1,1,1-Trichloroethane in sample 08MAR10.D from x, y = 5.781, 0 to 5.876, 0; result = 2728			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:11 PM	Manually integrate qualifier 61.0 of compound 1,1,1-Trichloroethane in sample 08MAR10.D, from x, y = 5.781, 0 to 5.876, 0, result = 2728; previous integration is from x, y = 5.781, 0 to 5.876, 0 and previous response = 2728.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:19 PM	Manually integrate qualifier 119.0 of compound Carbon tetrachloride in sample 08MAR10.D, from x, y = 5.982, 0 to 6.093, 0, result = 4345; previous integration is from x, y = 6.024, 0 to 6.049, 0 and previous response = 2238.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:23 PM	Manually integrate qualifier 121.0 of compound Carbon tetrachloride in sample 08MAR10.D from x, y = 5.976, 0 to 6.082, 0; result = 1655			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:31 PM	Manually integrate qualifier 110.0 of compound 1,1-Dichloropropene in sample 08MAR10.D from x, y = 5.993, 0 to 6.099, 0; result = 1275			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:35 PM	Manually integrate qualifier 77.0 of compound 1,1-Dichloropropene in sample 08MAR10.D from x, y = 6.007, 0 to 6.085, 0; result = 1183			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:39:41 PM	Manually integrate compound 1,2-Dichloroethane-d4 in sample 08MAR10.D from x, y = 6.202, 0 to 6.272, 0; result = 1192			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:39:44 PM	Set UserAnnotation = NI for compound 1,2-Dichloroethane-d4 in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:47 PM	Manually integrate qualifier 65.0 of compound 1,2-Dichloroethane-d4 in sample 08MAR10.D from x, y = 6.188, 0 to 6.277, 0; result = 2797			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:39:59 PM	Manually integrate qualifier 77.0 of compound Benzene in sample 08MAR10.D from x, y = 6.233, 0 to 6.328, 0; result = 2613			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:40:06 PM	Manually integrate qualifier64.0 of compound 1,2-Dichloroethane in sample 08MAR10.D from x, y = 6.277, 0 to 6.353, 0; result = 1081			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:40:08 PM	Manually integrate qualifier98.0 of compound 1,2-Dichloroethane in sample 08MAR10.D from x, y = 6.294, 0 to 6.361, 0; result = 44			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:40:16 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 08MAR10.D from x, y = 1.364, 0 to 1.450, 0; result = 1632			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:40:50 PM	Manually integrate qualifier97.0 of compound Trichloroethene in sample 08MAR10.D from x, y = 6.994, 0 to 7.089, 0; result = 2700			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 3:40:53 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:41:03 PM	Manually integrate qualifier76.0 of compound 1,2-Dichloropropane in sample 08MAR10.D from x, y = 7.231, 0 to 7.315, 0; result = 1051			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:41:09 PM	Manually integrate compound Dibromomethane in sample 08MAR10.D from x, y = 7.365, 0 to 7.449, 0; result = 1116			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:41:12 PM	Manually integrate qualifier95.0 of compound Dibromomethane in sample 08MAR10.D from x, y = 7.362, 0 to 7.443, 0; result = 977			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:41:17 PM	Set UserAnnotation = NI for compound Dibromomethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:41:20 PM	Manually integrate qualifier173.5 of compound Dibromomethane in sample 08MAR10.D from x, y = 7.357, 0 to 7.457, 0; result = 1385			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:41:26 PM	Manually integrate qualifier85.0 of compound Bromodichloromethane in sample 08MAR10.D from x, y = 7.549, 0 to 7.649, 0; result = 1775			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:41:28 PM	Manually integrate qualifier127.0 of compound Bromodichloromethane in sample 08MAR10.D from x, y = 7.577, 0 to 7.627, 0; result = 33			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/8/2022 3:41:33 PM	Manually integrate qualifier 77.0 of compound cis-1,3-Dichloropropene in sample 08MAR10.D from x, y = 8.026, 0 to 8.090, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound cis-1,3-Dichloropropene in sample ICAL030822_1. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound cis-1,3-Dichloropropene in sample ICAL030822_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

# Audit Trail report

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	3/8/2022 3:41:39 PM	Manually integrate qualifier77.0 of compound cis-1,3-Dichloropropene in sample 08MAR10.D from x, y = 8.029, 0 to 8.090, 0; result = 1090			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:41:48 PM	Manually integrate qualifier99.0 of compound Toluene-d8 in sample 08MAR10.D from x, y = 8.282, 0 to 8.360, 0; result = 806			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:41:55 PM	Manually integrate qualifier 91.0 of compound Toluene in sample 08MAR10.D, from x, y = 8.352, 0 to 8.433, 0, result = 10150; previous integration is from x, y = 8.352, 0 to 8.383, 0 and previous response = 3668.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:42:06 PM	Manually integrate compound trans-1,3-Dichloropropene in sample 08MAR10.D, from x, y = 8.611, 0 to 8.673, 0, result = 2439; previous integration is from x, y = 8.611, 0 to 8.650, 0 and previous response = 2129.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/8/2022 3:42:11 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 08MAR10.D, from x, y = 8.606, 0 to 8.656, 0, result = 4112; previous integration is from x, y = 8.656, 0 to 8.692, 0 and previous response = 4112.				<p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL030822_1. ---&gt;</p> <p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL030822_1. ---&gt;</p> <p>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&amp; 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</p>

# Audit Trail report

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	3/8/2022 3:42:16 PM	Manually integrate qualifier 39.0 of compound trans-1,3-Dichloropropene in sample 08MAR10.D from x, y = 8.620, 0 to 8.667, 11; result = 1716			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:42:20 PM	Manually integrate qualifier 39.0 of compound trans-1,3-Dichloropropene in sample 08MAR10.D, from x, y = 8.620, 0 to 8.673, 0, result = 1731; previous integration is from x, y = 8.620, 0 to 8.667, 11 and previous response = 1716.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/8/2022 3:42:23 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 08MAR10.D, from x, y = 8.611, 0 to 8.656, 0, result = 4112; previous integration is from x, y = 8.656, 0 to 8.692, 0 and previous response = 4112.				<p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL030822_1. ---&gt;</p> <p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample ICAL030822_1. ---&gt;</p> <p>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&amp; 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</p>

# Audit Trail report

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	3/8/2022 3:42:31 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 08MAR10.D, from x, y = 8.600, 0 to 8.656, 0, result = 1146; previous integration is from x, y = 8.656, 0 to 8.692, 0 and previous response = 4112.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:42:37 PM	Set UserAnnotation = LT for compound trans-1,3-Dichloropropene in sample 08MAR10.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 3:42:44 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:43:40 PM	Manually integrate compound 1,1,2-Trichloroethane in sample 08MAR10.D from x, y = 8.773, 0 to 8.868, 0; result = 1355			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:43:45 PM	Manually integrate qualifier 97.0 of compound 1,1,2-Trichloroethane in sample 08MAR10.D from x, y = 8.773, 0 to 8.860, 0; result = 1489			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:43:48 PM	Manually integrate qualifier 85.0 of compound 1,1,2-Trichloroethane in sample 08MAR10.D from x, y = 8.765, 0 to 8.851, 0; result = 938			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:43:51 PM	Set UserAnnotation = NI for compound 1,1,2-Trichloroethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:43:57 PM	Manually integrate qualifier 165.8 of compound Tetrachloroethene in sample 08MAR10.D from x, y = 8.887, 0 to 8.985, 0; result = 3307			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:44:02 PM	Manually integrate qualifier78.0 of compound 1,3-Dichloropropane in sample 08MAR10.D from x, y = 8.957, 0 to 9.027, 0; result = 843			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:44:10 PM	Manually integrate compound Chlorodibromomethane in sample 08MAR10.D from x, y = 9.177, 0 to 9.225, 0; result = 2068			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:44:13 PM	Set UserAnnotation = NI for compound Chlorodibromomethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:44:16 PM	Manually integrate qualifier127.0 of compound Chlorodibromomethane in sample 08MAR10.D from x, y = 9.150, 0 to 9.247, 0; result = 1457			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/8/2022 3:44:20 PM	Manually integrate compound 1,2-Dibromoethane in sample 08MAR10.D from x, y = 9.253, 0 to 9.348, 0; result = 1374			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/8/2022 3:44:25 PM	Manually integrate qualifier109.0 of compound 1,2-Dibromoethane in sample 08MAR10.D from x, y = 9.258, 0 to 9.348, 0; result = 1322			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/8/2022 3:44:34 PM	Set UserAnnotation = NI for compound 1,2-Dibromoethane in sample 08MAR10.D; previous value =			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 3:47:46 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR11.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 3:47:55 PM	Set SampleType = Calibration for sample 08MAR11.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 3:48:01 PM	Set LevelName = 2 for sample 08MAR11.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 3:48:09 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 3:50:20 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/8/2022 4:11:03 PM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/8/2022 4:11:38 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR12.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 4:11:44 PM	Set SampleType = Calibration for sample 08MAR12.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/8/2022 4:11:49 PM	Set LevelName = 3 for sample 08MAR12.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/8/2022 4:12:00 PM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 4:13:09 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdSaveBatchTable	BL2000\mchavez	3/8/2022 4:16:20 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/9/2022 8:15:18 AM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/9/2022 8:17:20 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR24.D, D:\Org\Data\VOA5975C\VG030822\08MAR23.D, D:\Org\Data\VOA5975C\VG030822\08MAR22.D, D:\Org\Data\VOA5975C\VG030822\08MAR21.D, D:\Org\Data\VOA5975C\VG030822\08MAR20.D, D:\Org\Data\VOA5975C\VG030822\08MAR19.D, D:\Org\Data\VOA5975C\VG030822\08MAR18.D, D:\Org\Data\VOA5975C\VG030822\08MAR17.D, D:\Org\Data\VOA5975C\VG030822\08MAR16.D, D:\Org\Data\VOA5975C\VG030822\08MAR15.D, D:\Org\Data\VOA5975C\VG030822\08MAR14.D, D:\Org\Data\VOA5975C\VG030822\08MAR13.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:06 AM	Set SampleType = Calibration for sample 08MAR13.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:11 AM	Set LevelName = 4 for sample 08MAR13.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:17 AM	Set SampleType = Calibration for sample 08MAR15.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:22 AM	Set LevelName = 5 for sample 08MAR15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:27 AM	Set SampleType = Calibration for sample 08MAR17.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:33 AM	Set LevelName = 6 for sample 08MAR17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:38 AM	Set SampleType = Calibration for sample 08MAR19.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:43 AM	Set LevelName = 7 for sample 08MAR19.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:49 AM	Set SampleType = Calibration for sample 08MAR21.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:18:54 AM	Set LevelName = 8 for sample 08MAR21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:19:00 AM	Set SampleType = QC for sample 08MAR23.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:19:08 AM	Set LevelName = QC for sample 08MAR23.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:19:12 AM	Set SampleInformation = LCSA for sample 08MAR23.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 8:19:30 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrate Merge	BL2000\mchavez	3/9/2022 8:36:49 AM	Merge peak with right peak for compound 1,2-Dichloroethane-d4 in sample 08MAR11.D, new integration is from x, y = 6.199, 0 to 6.263, 159 and new response = 5220; previous integration is from x, y= 6.199, 0 to 6.230, 0 and previous response =2307.			✓	
CmdManuallyIntegrate DropBaseline	BL2000\mchavez	3/9/2022 8:36:56 AM	Drop baseline for compound 1,2-Dichloroethane-d4 in sample 08MAR11.D to y = 0, new integration is from x, y = 6.199, 0 to 6.263, 0 and new response = 5526; previous integration is from x, y = 6.199, 0 to 6.263, 159 and previous response = 5220.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:37:03 AM	Set UserAnnotation = LT for compound 1,2-Dichloroethane-d4 in sample 08MAR11.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/9/2022 8:40:06 AM	Manually integrate qualifier114.0 of compound Chlorobenzene in sample 08MAR10.D from x, y = 9.760, 0 to 9.847, 0; result = 3070			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/9/2022 8:40:13 AM	Manually integrate compound 1,1,1,2-Tetrachloroethane in sample 08MAR10.D from x, y = 9.858, 0 to 9.964, 0; result = 2292			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:40:16 AM	Set UserAnnotation = NI for compound 1,1,1,2-Tetrachloroethane in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/9/2022 8:40:35 AM	Manually integrate qualifier78.0 of compound Styrene in sample 08MAR10.D from x, y = 10.413, 0 to 10.469, 0; result = 2833			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/9/2022 8:40:41 AM	Manually integrate compound Bromoform in sample 08MAR10.D from x, y = 10.589, 0 to 10.678, 0; result = 1238			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:40:45 AM	Manually integrate qualifier174.5 of compound Bromoform in sample 08MAR10.D from x, y = 10.589, 0 to 10.658, 0; result = 787			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:41:00 AM	Manually integrate qualifier170.5 of compound Bromoform in sample 08MAR10.D from x, y = 10.591, 0 to 10.661, 0; result = 541			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/9/2022 8:41:07 AM	Manually integrate compound 1,1,2,2-Tetrachloroethane in sample 08MAR10.D from x, y = 11.068, 0 to 11.194, 0; result = 1654			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:41:09 AM	Manually integrate qualifier85.0 of compound 1,1,2,2-Tetrachloroethane in sample 08MAR10.D from x, y = 11.063, 0 to 11.171, 0; result = 1142			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/9/2022 8:41:16 AM	Manually integrate compound 1,2,3-Trichloropropane in sample 08MAR10.D from x, y = 11.116, 0 to 11.183, 0; result = 140			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:41:18 AM	Manually integrate qualifier112.0 of compound 1,2,3-Trichloropropane in sample 08MAR10.D from x, y = 11.143, 0 to 11.183, 0; result = 28			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/9/2022 8:41:27 AM	Manually integrate compound 2-Chlorotoluene in sample 08MAR10.D, from x, y = 11.249, 0 to 11.328, 0, result = 1999; previous integration is from x, y = 11.378, 0 to 11.425, 0 and previous response = 2071.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:41:31 AM	Set UserAnnotation = NI for compound 2-Chlorotoluene in sample 08MAR10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:41:34 AM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 08MAR10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:41:37 AM	Set UserAnnotation = NI for compound 1,1,2,2-Tetrachloroethane in sample 08MAR10.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:41:41 AM	Set UserAnnotation = NI for compound Bromoform in sample 08MAR10.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:41:51 AM	Manually integrate qualifier111.0 of compound 1,3-Dichlorobenzene in sample 08MAR10.D from x, y = 11.988, 0 to 12.069, 0; result = 1729			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:42:10 AM	Manually integrate qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 08MAR10.D, from x, y = 12.114, -31 to 12.150, 0, result = 1910; previous integration is from x, y = 12.075, 0 to 12.150, 0 and previous response = 5962.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:42:17 AM	Manually integrate qualifier 148.0 of compound 1,4-Dichlorobenzene in sample 08MAR10.D, from x, y = 12.111, 5 to 12.153, 0, result = 3185; previous integration is from x, y = 12.069, 0 to 12.153, 0 and previous response = 5144.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/9/2022 8:42:20 AM	Drop baseline for qualifier 148.0 of compound 1,4-Dichlorobenzene in sample 08MAR10.D to y = 0, new integration is from x, y = 12.111, 0 to 12.153, 0 and new response = 3192; previous integration is from x, y = 12.111, 5 to 12.153, 0 and previous response = 3185.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:42:26 AM	Manually integrate qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 08MAR10.D, from x, y = 12.114, 202 to 12.150, 0, result = 1657; previous integration is from x, y = 12.114, -31 to 12.150, 0 and previous response = 1910.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/9/2022 8:42:29 AM	Drop baseline for qualifier 111.0 of compound 1,4-Dichlorobenzene in sample 08MAR10.D to y = 0, new integration is from x, y = 12.114, 0 to 12.150, 0 and new response = 1876; previous integration is from x, y = 12.114, 202 to 12.150, 0 and previous response = 1657.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:42:41 AM	Manually integrate qualifier 111.0 of compound 1,2-Dichlorobenzene in sample 08MAR10.D from x, y = 12.449, 0 to 12.529, 0; result = 1589			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:42:44 AM	Manually integrate qualifier 148.0 of compound 1,2-Dichlorobenzene in sample 08MAR10.D from x, y = 12.449, 0 to 12.538, 0; result = 2636			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:45:07 AM	Set SampleApproved = True for sample 08MAR15.D; previous value = False			✓	
CmdStartMethodEditing	BL2000\mchavez	3/9/2022 8:45:17 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	3/9/2022 8:45:17 AM	Import method from sample 08MAR15.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateRetentionTimes	BL2000\mchavez	3/9/2022 8:45:29 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; 1,4-Dichlorobenzene-d4; Chlorobenzene-d5; Fluorobenzene; Dichlorodifluoromethane;			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdUpdateQualifierRatios	BL2000\mchavez	3/9/2022 8:45:38 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;			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Update qualifier ratios for compound Dibromofluoromethane; Update qualifier ratios for compound Chloroform; Update qualifier ratios for compound Bromochloromethane; Update qualifier ratios for compound Methyl ethyl ketone; Update qualifier ratios for compound cis-1,2-Dichloroethene; Update qualifier ratios for compound 2,2-Dichloropropane; Update qualifier ratios for compound 1,1-Dichloroethane; Update qualifier ratios for compound Methyl tert-butyl ether (MTBE); Update qualifier ratios for compound trans-1,2-Dichloroethene; Update qualifier ratios for compound Methylene chloride; Update qualifier ratios for compound 1,1-Dichloroethene; Update qualifier ratios for compound Trichlorofluoromethane; Update qualifier ratios for compound Chloroethane; Update qualifier ratios for compound Bromomethane; Update qualifier ratios for compound Vinyl chloride; Update qualifier ratios for compound Chloromethane; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound Chlorobenzene-d5; Update qualifier ratios for compound Fluorobenzene; Update qualifier ratios for compound Dichlorodifluoromethane;				
CmdApplyMethodToAllSamples	BL2000\mchavez	3/9/2022 8:46:05 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/9/2022 8:46:05 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/9/2022 8:46:06 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 8:46:25 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:46:58 AM	Set SampleApproved = True for sample 08MAR10.D; previous value = False			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:47:20 AM	Manually integrate qualifier 57.0 of compound Methyl tert-butyl ether (MTBE) in sample 08MAR11.D from x, y = 3.698, 0 to 3.832, 0; result = 3915			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:47:35 AM	Manually integrate qualifier 83.0 of compound 1,1-Dichloroethane in sample 08MAR11.D, from x, y = 4.331, 0 to 4.417, 0, result = 3800; previous integration is from x, y = 4.364, 0 to 4.417, 0 and previous response = 3167.			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:47:47 AM	Manually integrate qualifier 97.0 of compound 2,2-Dichloropropane in sample 08MAR11.D, from x, y = 5.154, 0 to 5.248, 0, result = 4726; previous integration is from x, y = 5.154, 0 to 5.209, 0 and previous response = 3803.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:47:50 AM	Manually integrate qualifier 41.0 of compound 2,2-Dichloropropane in sample 08MAR11.D, from x, y = 5.140, 0 to 5.246, 0, result = 13839; previous integration is from x, y = 5.184, 0 to 5.246, 0 and previous response = 8958.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:48:51 AM	Manually integrate qualifier 49.0 of compound Bromochloromethane in sample 08MAR11.D, from x, y = 5.480, 0 to 5.555, 0, result = 10850; previous integration is from x, y = 5.480, 0 to 5.558, 0 and previous response = 10878.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:49:17 AM	Manually integrate qualifier 49.0 of compound Bromochloromethane in sample 08MAR11.D, from x, y = 5.480, 0 to 5.547, 307, result = 9978; previous integration is from x, y = 5.480, 0 to 5.555, 0 and previous response = 10850.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/9/2022 8:49:19 AM	Drop baseline for qualifier 49.0 of compound Bromochloromethane in sample 08MAR11.D to y = 0, new integration is from x, y = 5.480, 0 to 5.547, 0 and new response = 10595; previous integration is from x, y = 5.480, 0 to 5.547, 307 and previous response = 9978.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:49:47 AM	Manually integrate qualifier 98.0 of compound 1,2-Dichloroethane in sample 08MAR11.D from x, y = 6.297, 0 to 6.353, 0; result = 967			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:49:59 AM	Manually integrate qualifier 127.0 of compound Bromodichloromethane in sample 08MAR11.D from x, y = 7.541, 0 to 7.658, 0; result = 1642			✓	
CmdManuallyIntegrateMerge	BL2000\mchavez	3/9/2022 8:50:15 AM	Merge peak with left peak for compound 1,2-Dibromoethane in sample 08MAR11.D, new integration is from x, y = 9.272, 0 to 9.342, 0 and new response = 7100; previous integration is from x, y = 9.303, 0 to 9.342, 0 and previous response = 4165.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:50:18 AM	Set UserAnnotation = LT for compound 1,2-Dibromoethane in sample 08MAR11.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/9/2022 8:50:41 AM	Manually integrate compound 1,2,3-Trichloropropane in sample 08MAR11.D from x, y = 11.110, 0 to 11.191, 0; result = 1965			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:50:44 AM	Manually integrate qualifier 112.0 of compound 1,2,3-Trichloropropane in sample 08MAR11.D from x, y = 11.093, 0 to 11.196, 0; result = 1607			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 8:50:51 AM	Set UserAnnotation = NI for compound 1,2,3-Trichloropropane in sample 08MAR11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:51:19 AM	Set SampleApproved = True for sample 08MAR11.D; previous value = False			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:52:15 AM	Manually integrate qualifier 85.0 of compound 1,1,2-Trichloroethane in sample 08MAR12.D, from x, y = 8.782, 0 to 8.848, 0, result = 8475; previous integration is from x, y = 8.815, 0 to 8.848, 0 and previous response = 4767.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:52:32 AM	Manually integrate qualifier 127.0 of compound Bromodichloromethane in sample 08MAR12.D from x, y = 7.543, 0 to 7.635, 0; result = 3179			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 8:52:43 AM	Manually integrate qualifier 98.0 of compound 1,2-Dichloroethane in sample 08MAR12.D from x, y = 6.277, 0 to 6.392, 0; result = 2179			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:53:14 AM	Set SampleApproved = True for sample 08MAR12.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:54:29 AM	Set SampleApproved = True for sample 08MAR13.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:55:37 AM	Set SampleApproved = True for sample 08MAR17.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:56:51 AM	Set SampleApproved = True for sample 08MAR19.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:58:07 AM	Set SampleApproved = True for sample 08MAR21.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	3/9/2022 8:59:28 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 8:59:36 AM	Set SampleApproved = True for sample 08MAR23.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	3/9/2022 9:01:20 AM	Replace level QC with QC sample 08MAR23.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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, 2-Chlorotoluene}; Replace level 8 with Calibration sample 08MAR21.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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,			✓	

# Audit Trail report

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, 2-Chlorotoluene}; Replace level 7 with Calibration sample 08MAR19.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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, 2-Chlorotoluene}; Replace level 6 with Calibration sample 08MAR17.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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,				

# Audit Trail report

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, 2-Chlorotoluene}; Replace level 5 with Calibration sample 08MAR15.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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, 2-Chlorotoluene}; Replace level 4 with Calibration sample 08MAR13.D for compounds {1,2-Dichlorobenzene, 1,4-				

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
			Dichlorobenzene, 1,3-Dichlorobenzene, 4-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, 2-Chlorotoluene}; Replace level 3 with Calibration sample 08MAR12.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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-				

# Audit Trail report

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, 2-Chlorotoluene}; Replace level 2 with Calibration sample 08MAR11.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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, 2-Chlorotoluene}; Replace level 1 with Calibration sample 08MAR10.D for compounds {1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 4-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,				

# Audit Trail report

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, 2-Chlorotoluene};				
CmdQuantitate	BL2000\mchavez	3/9/2022 9:01:38 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	3/9/2022 9:02:12 AM	Start method editing			✓	
CmdImportMethodFrom Sample	BL2000\mchavez	3/9/2022 9:02:12 AM	Import method from sample 08MAR23.D			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:09 AM	Set CurveFit = fitAverageOfResponseFactors for compound Bromomethane; previous value = fitQuadratic			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:09 AM	Set CurveFit = fitAverageOfResponseFactors for compound Ethylbenzene; previous value = fitQuadratic			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:09 AM	Set CurveFit = fitAverageOfResponseFactors for compound m+p-Xylenes; previous value = fitQuadratic			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:09 AM	Set CurveFit = fitAverageOfResponseFactors for compound o-Xylene; previous value = fitQuadratic			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:09 AM	Set CurveFit = fitAverageOfResponseFactors for compound Styrene; previous value = fitQuadratic			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:20 AM	Set CurveFitWeight = weightEqual for compound Bromomethane; previous value = weightOneOverX			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:20 AM	Set CurveFitWeight = weightEqual for compound Ethylbenzene; previous value = weightOneOverX			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:20 AM	Set CurveFitWeight = weightEqual for compound m+p-Xylenes; previous value = weightOneOverX			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:20 AM	Set CurveFitWeight = weightEqual for compound o-Xylene; previous value = weightOneOverX			✓	
CmdSetMethodTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:03:20 AM	Set CurveFitWeight = weightEqual for compound Styrene; previous value = weightOneOverX			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/9/2022 9:03:33 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/9/2022 9:03:34 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/9/2022 9:03:35 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:03:51 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:04:55 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound Styrene in sample 08MAR23.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:05:19 AM	Quantitate all compounds in all samples			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:08:22 AM	Set CurveFit = fitQuadratic for compound Toluene-d8 in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:08:26 AM	Set CurveFitWeight = weightOneOverX for compound Toluene-d8 in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:08:45 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:09:01 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound Toluene in sample 08MAR23.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:09:17 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:09:58 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound Ethylbenzene in sample 08MAR23.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:10:18 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:10:28 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound m+p-Xylenes in sample 08MAR23.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:10:47 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:11:09 AM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound o-Xylene in sample 08MAR23.D; previous value = True			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	3/9/2022 9:11:28 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/9/2022 9:13:48 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/9/2022 9:41:20 AM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:42:14 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound Styrene in sample 08MAR23.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:42:19 AM	Set CurveFit = fitQuadratic for compound Styrene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:42:23 AM	Set CurveFitWeight = weightOneOverX for compound Styrene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:42:47 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:42:59 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound m+p-Xylenes in sample 08MAR23.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:43:03 AM	Set CurveFit = fitQuadratic for compound m+p-Xylenes in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:43:06 AM	Set CurveFitWeight = weightOneOverX for compound m+p-Xylenes in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:43:26 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:43:47 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound o-Xylene in sample 08MAR23.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:43:50 AM	Set CurveFit = fitQuadratic for compound o-Xylene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:43:53 AM	Set CurveFitWeight = weightOneOverX for compound o-Xylene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:44:14 AM	Quantitate all compounds in all samples			✓	
CmdSetLevelEnable	BL2000\mchavez	3/9/2022 9:47:05 AM	Set LevelEnable = True for calibration level 1, levelId = 9 of compound Ethylbenzene in sample 08MAR23.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:47:10 AM	Set CurveFit = fitQuadratic for compound Ethylbenzene in all samples; previous value = fitAverageOfResponseFactors			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/9/2022 9:47:14 AM	Set CurveFitWeight = weightOneOverX for compound Ethylbenzene in all samples; previous value = weightEqual			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:47:35 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/9/2022 9:48:46 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/9/2022 9:49:37 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG030822\08MAR15CC.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 9:51:11 AM	Set SampleType = CC for sample 08MAR15CC.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 9:51:17 AM	Set LevelName = CC for sample 08MAR15CC.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 9:51:38 AM	Set UserDefined = Reimported Cal5 and renamed as CCV for sample 08MAR15CC.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 9:51:56 AM	Set SampleName = CCV030822_ for sample 08MAR15CC.D; previous value = ICAL030822_5			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:52:19 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	3/9/2022 9:53:54 AM	Replace level CC with CC sample 08MAR15CC.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-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, Toluene};			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:54:12 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	3/9/2022 9:54:24 AM	Start method editing			✓	
CmdImportMethodFrom Sample	BL2000\mchavez	3/9/2022 9:54:24 AM	Import method from sample 08MAR15.D			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/9/2022 9:56:07 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/9/2022 9:56:07 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/9/2022 9:56:08 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 9:56:26 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/9/2022 9:57:12 AM	Set SampleApproved = True for sample 08MAR15CC.D; previous value = False			✓	
CmdStartMethodEditing	BL2000\mchavez	3/9/2022 9:59:26 AM	Start method editing			✓	
CmdImportMethodFrom Sample	BL2000\mchavez	3/9/2022 9:59:27 AM	Import method from sample 08MAR15CC.D			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveMethodAs	BL2000\mchavez	3/9/2022 10:02:14 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_030922_CAL\VOA5975C_8260B_SHT_DoD_030922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/9/2022 10:02:28 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/9/2022 10:02:28 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/9/2022 10:02:28 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 10:02:48 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	3/9/2022 10:03:16 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	3/9/2022 10:03:17 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_030922_CAL\VOA5975C_8260B_SHT_DoD_030922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/9/2022 10:03:29 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/9/2022 10:03:29 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/9/2022 10:03:29 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/9/2022 10:03:50 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/9/2022 10:04:22 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/9/2022 10:05:41 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG030822\QuantReports\VG030822_8260B			✓	
CmdSaveBatchTable	BL2000\mchavez	3/9/2022 10:07:46 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/9/2022 10:09:10 AM	Manually integrate compound Chloromethane in sample 08MAR09.D from x, y = 1.392, 0 to 1.442, 0; result = 520			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/9/2022 10:09:12 AM	Manually integrate qualifier 52.0 of compound Chloromethane in sample 08MAR09.D from x, y = 1.392, 0 to 1.445, 0; result = 141			✓	
CmdSaveBatchTable	BL2000\mchavez	3/9/2022 10:09:23 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/14/2022 10:50:16 AM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/14/2022 10:50:36 AM	Set UserAnnotation = NI for compound Chloromethane in sample 08MAR09.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 10:50:50 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 08MAR09.D from x, y = 3.288, 0 to 3.383, 0; result = 1644			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 10:50:53 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 08MAR09.D from x, y = 3.308, 0 to 3.372, 0; result = 927			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/14/2022 10:51:09 AM	Manually integrate compound Chloroform in sample 08MAR09.D from x, y = 5.600, 0 to 5.697, 0; result = 1215			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 10:51:12 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 08MAR09.D from x, y = 5.605, 0 to 5.697, 0; result = 773			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/14/2022 10:51:15 AM	Set UserAnnotation = NI for compound Chloroform in sample 08MAR09.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/14/2022 10:51:27 AM	Manually integrate compound Benzene in sample 08MAR09.D from x, y = 6.230, 0 to 6.328, 0; result = 264			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 10:51:29 AM	Manually integrate qualifier77.0 of compound Benzene in sample 08MAR09.D from x, y = 6.266, 0 to 6.305, 0; result = 71			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/14/2022 10:51:32 AM	Set UserAnnotation = NI for compound Benzene in sample 08MAR09.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 10:52:14 AM	Set SampleApproved = True for sample 08MAR09.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/14/2022 10:52:35 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	3/14/2022 10:52:53 AM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	3/14/2022 10:52:53 AM	Import method from sample 08MAR09.D			✓	
CmdSaveMethodAs	BL2000\mchavez	3/14/2022 10:53:51 AM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_030822_CAL\VOA5975C_8260B_SHT_DoD_030822.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/14/2022 10:54:02 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/14/2022 10:54:02 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/14/2022 10:54:03 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/14/2022 10:54:23 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\mchavez	3/14/2022 10:55:58 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/14/2022 11:30:07 AM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 11:34:44 AM	Set SampleApproved = True for sample 08MAR08.D; previous value = False			✓	
CmdSaveBatchTable	BL2000\mchavez	3/14/2022 11:38:29 AM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/14/2022 11:56:18 AM	Open batch D:\Org\Data\VOA5975C\VG030822\VG030822_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/14/2022 11:57:42 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG030822\QuantReports\VG030822_8260B-1			✓	
CmdSetLevelEnable	BL2000\mchavez	3/14/2022 12:02:25 PM	Set LevelEnable = False for calibration level 1, levelId = 9 of compound 1,2-Dichloroethane in sample 08MAR09.D; previous value = True			✓	
CmdQuantitate	BL2000\mchavez	3/14/2022 12:02:49 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	3/14/2022 12:03:03 PM	Start method editing			✓	
CmdImportMethodFromSample	BL2000\mchavez	3/14/2022 12:03:03 PM	Import method from sample 08MAR10.D			✓	
CmdSaveMethodAs	BL2000\mchavez	3/14/2022 12:03:17 PM	Save method to file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_030822_CAL\VOA5975C_8260B_SHT_DoD_030822.m			✓	
CmdMethodClear	BL2000\mchavez	3/14/2022 12:03:29 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/14/2022 12:03:29 PM	End method editing			✓	
CmdStartMethodEditing	BL2000\mchavez	3/14/2022 12:03:40 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	3/14/2022 12:03:42 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_030822_CAL\VOA5975C_8260B_SHT_DoD_030822.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/14/2022 12:03:54 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/14/2022 12:03:54 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/14/2022 12:03:54 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/14/2022 12:04:14 PM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\mchavez	3/14/2022 12:07:57 PM	Save batch D:\Org\Data\VOA5975C\VG030822\QuantResults\VG030822_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/14/2022 12:10:11 PM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\Calibration\01_Init_Cal+Gen_Calibration+Gen_ResultsSummary.m, Output Path: D:\Org\Data\VOA5975C\VG030822\QuantReports\VG030822_8260B-2			✓	



# Energy Laboratories Inc

# ANALYTICAL RUN Summary

29-Mar-22

Run ID VOA5975C.I\_220310A

<b>Run Start Date:</b> 3/10/2022
<b>Analyst:</b> Melissa Chavez
<b>Ical:</b>
<b>Column ID:</b>
<b>Comments:</b>

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
VOCF3567B	2nd Source Ketones	1.05	ul	42	ml	LCS, MS, M	3/12/2022
VOCF3579B	2nd Source Liquids	1.05	ul	42	ml	LCS, MS, M	3/28/2022
VOCF3582B	2nd Source MtBE	1.05	ul	42	ml	LCS, MS, M	3/31/2022
VOCF3590	Internal Standard / Surrogates (INT/SURR)	8.4	ul	42	ml	ALL (TUNE	8/3/2022
VOCF3599A	Liquids	1.05	ul	42	ml	CCV	3/14/2022
VOCF3606	Ketones	1.05	ul	42	ml	CCV	3/25/2022
VOCF3607A	MtBE	1.05	ul	42	ml	CCV	3/30/2022
VOCF3616B	Gases	1.05	ul	42	ml	CCV	3/16/2022
VOCF3617A	2nd Source Gases	1.05	ul	42	ml	LCS, MS, M	3/12/2022

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090855	10MAR02_D_T	VOC-8260-BFB	TUNE	VOA5975C\VG03103	10/2022 11:48:	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
173, % of mass 174	A	%	1.4	1.4		100	0	0	0	0	0	1%	0	1.99	0%	
174, % of mass 95	A	%	94.7	94.7		100	0	0	0	0	0	95%	50	99.99	0%	
175, % of mass 174	A	%	8.4	8.4		100	0	0	0	0	0	8%	5	9	0%	
176, % of mass 174	A	%	96.5	96.5		100	0	0	0	0	0	97%	95	101	0%	
177, % of mass 176	A	%	7.5	7.5		100	0	0	0	0	0	8%	5	9	0%	
50, % of mass 95	A	%	22.7	22.7		100	0	0	0	0	0	23%	15	40	0%	
75, % of mass 95	A	%	51.6	51.6		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	%	6.4	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					
15090856	CCV031022_	VOC-8260-W-Q	CCV	1A5975C\VG03103	10/2022 12:23:	1	R375958		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	124.64204	4.9856816		5	0	0	0.101	0.5	500	100%	80	120	0%	
1,1,1-Trichloroethane	A	ug/L	124.22653	4.9690612		5	0	0	0.131	0.5	500	99%	80	120	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	126.29215	5.051686		5	0	0	0.0872	0.5	500	101%	80	120	0%	
1,1,2-Trichloroethane	A	ug/L	129.57654	5.1830616		5	0	0	0.108	0.5	500	104%	80	120	0%	
1,1-Dichloroethane	A	ug/L	131.37953	5.2551812		5	0	0	0.135	0.5	500	105%	80	120	0%	
1,1-Dichloroethene	A	ug/L	131.6895	5.26758		5	0	0	0.141	0.5	500	105%	80	120	0%	
1,1-Dichloropropene	A	ug/L	127.18567	5.0874268		5	0	0	0.083	0.5	500	102%	80	120	0%	
1,2,3-Trichloropropane	A	ug/L	121.22375	4.84895		5	0	0	0.235	0.5	500	97%	80	120	0%	
1,2-Dibromoethane	A	ug/L	125.60458	5.0241832		5	0	0	0.0916	0.5	500	100%	80	120	0%	
1,2-Dichlorobenzene	A	ug/L	124.04725	4.96189		5	0	0	0.0746	0.5	500	99%	80	120	0%	
1,2-Dichloroethane	A	ug/L	132.37142	5.2948568		5	0	0	0.116	0.5	500	106%	80	120	0%	
1,2-Dichloropropane	A	ug/L	125.76525	5.03061		5	0	0	0.0847	0.5	500	101%	80	120	0%	
1,3-Dichlorobenzene	A	ug/L	130.70498	5.2281992		5	0	0	0.0803	0.5	500	105%	80	120	0%	
1,3-Dichloropropane	A	ug/L	125.33554	5.0134216		5	0	0	0.0791	0.5	500	100%	80	120	0%	
1,4-Dichlorobenzene	A	ug/L	123.0593	4.922372		5	0	0	0.0858	0.5	500	98%	80	120	0%	
2,2-Dichloropropane	A	ug/L	127.32078	5.0928312		5	0	0	0.186	0.5	500	102%	80	120	0%	
2-Chlorotoluene	A	ug/L	126.55652	5.0622608		5	0	0	0.0876	0.5	500	101%	80	120	0%	
4-Chlorotoluene	A	ug/L	130.43907	5.2175628		5	0	0	0.0728	0.5	500	104%	80	120	0%	
Benzene	A	ug/L	130.8362	5.233448		5	0	0	0.0914	0.5	500	105%	80	120	0%	
Bromobenzene	A	ug/L	127.5607	5.102428		5	0	0	0.0831	0.5	500	102%	80	120	0%	
Bromochloromethane	A	ug/L	137.94328	5.5177312		5	0	0	0.141	0.5	500	110%	80	120	0%	
Bromodichloromethane	A	ug/L	128.11494	5.1245976		5	0	0	0.12	0.5	500	102%	80	120	0%	
Bromoform	A	ug/L	126.57795	5.063118		5	0	0	0.119	0.5	500	101%	80	120	0%	
Bromomethane	A	ug/L	128.83901	5.1535604		5	0	0	0.253	0.5	500	103%	80	120	0%	
Carbon tetrachloride	A	ug/L	126.4036	5.056144		5	0	0	0.143	0.5	500	101%	80	120	0%	
Chlorobenzene	A	ug/L	125.87102	5.0348408		5	0	0	0.0914	0.5	500	101%	80	120	0%	
Chlorodibromomethane	A	ug/L	123.2981	4.931924		5	0	0	0.0841	0.5	500	99%	80	120	0%	
Chloroethane	A	ug/L	122.80035	4.912014		5	0	0	0.169	0.5	500	98%	80	120	0%	
Chloroform	A	ug/L	128.06132	5.1224528		5	0	0	0.0789	0.5	500	102%	80	120	0%	
Chloromethane	A	ug/L	134.63215	5.385286		5	0	0	0.162	0.5	500	108%	80	120	0%	
cis-1,2-Dichloroethene	A	ug/L	131.74805	5.269922		5	0	0	0.108	0.5	500	105%	80	120	0%	
cis-1,3-Dichloropropene	A	ug/L	122.42768	4.8971072		5	0	0	0.073	0.5	500	98%	80	120	0%	
Dibromomethane	A	ug/L	124.21457	4.9685828		5	0	0	0.147	0.5	500	99%	80	120	0%	
Dichlorodifluoromethane	A	ug/L	128.43258	5.1373032		5	0	0	0.175	0.5	500	103%	80	120	0%	
Ethylbenzene	A	ug/L	123.59452	4.9437808		5	0	0	0.0836	0.5	500	99%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090856	CCV031022_	VOC-8260-W-Q	CCV	IA5975C\VG03103	10/2022 12:23:	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	249.69451	9.9877804		10	0	0	0.15	0.5	1000	100%	80	120	0%	
Methyl ethyl ketone	A	ug/L	1320.62122	52.8248488		50	0	0	1.77	10	5000	106%	80	120	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	129.26484	5.1705936		5	0	0	0.101	0.5	500	103%	80	120	0%	
Methylene chloride	A	ug/L	127.71841	5.1087364		5	0	0	0.338	0.5	500	102%	80	120	0%	
o-Xylene	A	ug/L	124.06217	4.9624868		5	0	0	0.0604	0.5	500	99%	80	120	0%	
Styrene	A	ug/L	126.55902	5.0623608		5	0	0	0.067	0.5	500	101%	80	120	0%	
Tetrachloroethene	A	ug/L	117.83112	4.7132448		5	0	0	0.0671	0.5	500	94%	80	120	0%	
Toluene	A	ug/L	130.45186	5.2180744		5	0	0	0.0679	0.5	500	104%	80	120	0%	
trans-1,2-Dichloroethene	A	ug/L	129.22005	5.168802		5	0	0	0.125	0.5	500	103%	80	120	0%	
trans-1,3-Dichloropropene	A	ug/L	129.44867	5.1779468		5	0	0	0.0846	0.5	500	104%	80	120	0%	
Trichloroethene	A	ug/L	126.69956	5.0679824		5	0	0	0.0993	0.5	500	101%	80	120	0%	
Trichlorofluoromethane	A	ug/L	126.2919	5.051676		5	0	0	0.134	0.5	500	101%	80	120	0%	
Vinyl chloride	A	ug/L	132.11001	5.2844004		5	0	0	0.153	0.5	500	106%	80	120	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	373.75668	14.9502672		15	0	0	0.0604	0.5	1500	100%	80	120	0%	
1,2-Dichloroethane-d4	S	ug/L	260.24822	10.4099288		10	0	0	0.229	0.5	500	104%	80	120	0%	
Dibromofluoromethane	S	ug/L	260.43878	10.4175512		10	0	0	0.129	0.5	500	104%	80	120	0%	
p-Bromofluorobenzene	S	ug/L	260.03793	10.4015172		10	0	0	0.149	0.5	500	104%	80	120	0%	
Toluene-d8	S	ug/L	246.76877	9.8707508		10	0	0	0.23	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					
15090857	LCS031022_	VOC-8260-W-Q	LCS-DOD	IA5975C\VG03103	10/2022 12:58:	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	129.03772	5.1615088		5	0	0	0.101	0.5	500	103%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	128.73913	5.1495652		5	0	0	0.131	0.5	500	103%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	135.99985	5.439994		5	0	0	0.0872	0.5	500	109%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	129.9812	5.199248		5	0	0	0.108	0.5	500	104%	80	119	0%	
1,1-Dichloroethane	A	ug/L	139.86895	5.594758		5	0	0	0.135	0.5	500	112%	77	125	0%	
1,1-Dichloroethene	A	ug/L	128.80202	5.1520808		5	0	0	0.141	0.5	500	103%	71	131	0%	
1,1-Dichloropropene	A	ug/L	122.16484	4.8865936		5	0	0	0.083	0.5	500	98%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	124.97483	4.9989932		5	0	0	0.235	0.5	500	100%	73	125	0%	
1,2-Dibromoethane	A	ug/L	131.74154	5.2696616		5	0	0	0.0916	0.5	500	105%	78	122	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090857	LCS031022_	VOC-8260-W-Q	LCS-DOD	IA5975C\VG03103	10/2022 12:58:	1	R375958		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	133.94298	5.3577192		5	0	0	0.0746	0.5	500	107%	80	119	0%	
1,2-Dichloroethane	A	ug/L	132.17399	5.2869596		5	0	0	0.116	0.5	500	106%	73	128	0%	
1,2-Dichloropropane	A	ug/L	128.59165	5.143666		5	0	0	0.0847	0.5	500	103%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	139.01281	5.5605124		5	0	0	0.0803	0.5	500	111%	80	119	0%	
1,3-Dichloropropane	A	ug/L	124.45399	4.9781596		5	0	0	0.0791	0.5	500	100%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	134.5161	5.380644		5	0	0	0.0858	0.5	500	108%	79	118	0%	
2,2-Dichloropropane	A	ug/L	129.62706	5.1850824		5	0	0	0.186	0.5	500	104%	60	139	0%	
2-Chlorotoluene	A	ug/L	139.05442	5.5621768		5	0	0	0.0876	0.5	500	111%	79	122	0%	
4-Chlorotoluene	A	ug/L	142.23538	5.6894152		5	0	0	0.0728	0.5	500	114%	78	122	0%	
Benzene	A	ug/L	136.0849	5.443396		5	0	0	0.0914	0.5	500	109%	79	120	0%	
Bromobenzene	A	ug/L	133.38974	5.3355896		5	0	0	0.0831	0.5	500	107%	80	120	0%	
Bromochloromethane	A	ug/L	135.87885	5.435154		5	0	0	0.141	0.5	500	109%	78	123	0%	
Bromodichloromethane	A	ug/L	132.72971	5.3091884		5	0	0	0.12	0.5	500	106%	79	125	0%	
Bromoform	A	ug/L	131.77406	5.2709624		5	0	0	0.119	0.5	500	105%	66	130	0%	
Bromomethane	A	ug/L	99.9691	3.998764		5	0	0	0.253	0.5	500	80%	53	141	0%	
Carbon tetrachloride	A	ug/L	123.76936	4.9507744		5	0	0	0.143	0.5	500	99%	72	136	0%	
Chlorobenzene	A	ug/L	130.69703	5.2278812		5	0	0	0.0914	0.5	500	105%	82	118	0%	
Chlorodibromomethane	A	ug/L	129.55369	5.1821476		5	0	0	0.0841	0.5	500	104%	74	126	0%	
Chloroethane	A	ug/L	114.25445	4.570178		5	0	0	0.169	0.5	500	91%	60	138	0%	
Chloroform	A	ug/L	130.25722	5.2102888		5	0	0	0.0789	0.5	500	104%	79	124	0%	
Chloromethane	A	ug/L	123.51228	4.9404912		5	0	0	0.162	0.5	500	99%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	135.72373	5.4289492		5	0	0	0.108	0.5	500	109%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	122.54758	4.9019032		5	0	0	0.073	0.5	500	98%	75	124	0%	
Dibromomethane	A	ug/L	124.82842	4.9931368		5	0	0	0.147	0.5	500	100%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	108.54588	4.3418352		5	0	0	0.175	0.5	500	87%	32	152	0%	
Ethylbenzene	A	ug/L	128.45444	5.1381776		5	0	0	0.0836	0.5	500	103%	79	121	0%	
m+p-Xylenes	A	ug/L	256.82265	10.272906		10	0	0	0.15	0.5	1000	103%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1487.49989	59.4999956		50	0	0	1.77	10	5000	119%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	138.66544	5.5466176		5	0	0	0.101	0.5	500	111%	71	124	0%	
Methylene chloride	A	ug/L	126.66402	5.0665608		5	0	0	0.338	0.5	500	101%	74	124	0%	
o-Xylene	A	ug/L	131.05705	5.242282		5	0	0	0.0604	0.5	500	105%	78	122	0%	
Styrene	A	ug/L	133.31428	5.3325712		5	0	0	0.067	0.5	500	107%	78	123	0%	
Tetrachloroethene	A	ug/L	120.49737	4.8198948		5	0	0	0.0671	0.5	500	96%	74	129	0%	
Toluene	A	ug/L	132.52002	5.3008008		5	0	0	0.0679	0.5	500	106%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	131.79761	5.2719044		5	0	0	0.125	0.5	500	105%	75	124	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090857	LCS031022_	VOC-8260-W-Q	LCS-DOD	\\A5975C\VG03103	10/2022 12:58:	1	R375958		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	133.04662	5.3218648		5	0	0	0.0846	0.5	500	106%	73	127	0%	
Trichloroethene	A	ug/L	126.1837	5.047348		5	0	0	0.0993	0.5	500	101%	79	123	0%	
Trichlorofluoromethane	A	ug/L	119.9869	4.799476		5	0	0	0.134	0.5	500	96%	65	141	0%	
Vinyl chloride	A	ug/L	125.40244	5.0160976		5	0	0	0.153	0.5	500	100%	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	387.8797	15.515188		15	0	0	0.0604	0.5	1500	103%	79	121	0%	
1,2-Dichloroethane-d4	S	ug/L	257.61997	10.3047988		10	0	0	0.229	0.5	500	103%	81	118	0%	
Dibromofluoromethane	S	ug/L	259.45794	10.3783176		10	0	0	0.129	0.5	500	104%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	264.70029	10.5880116		10	0	0	0.149	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	245.59368	9.8237472		10	0	0	0.23	0.5	500	98%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090858	MBLK031022_	VOC-8260-W-Q	MBLK	\\A5975C\VG03103	10/2022 1:53:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	0.5	500	0%	0	0	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	0.5	500	0%	0	0	0%	
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	0.5	500	0%	0	0	0%	
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	0.5	500	0%	0	0	0%	
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	0.5	500	0%	0	0	0%	
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	0.5	500	0%	0	0	0%	
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	0.5	500	0%	0	0	0%	
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	0.5	500	0%	0	0	0%	
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	0.5	500	0%	0	0	0%	
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	0.5	500	0%	0	0	0%	
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	0.5	500	0%	0	0	0%	
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	0.5	500	0%	0	0	0%	
4-Chlorotoluene	A	ug/L	0.08302	0		0	0	0	0.0728	0.5	500	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090858	MBLK031022_	VOC-8260-W-Q	MBLK	1A5975C\VG03103	10/2022 1:53:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Benzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	0.5	500	0%	0	0	0%	
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	0.5	500	0%	0	0	0%	
Bromoform	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	
Bromomethane	A	ug/L	0	0		0	0	0	0.253	0.5	500	0%	0	0	0%	
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	0.5	500	0%	0	0	0%	
Chloroethane	A	ug/L	0	0		0	0	0	0.169	0.5	500	0%	0	0	0%	
Chloroform	A	ug/L	0.31208	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	
Chloromethane	A	ug/L	0	0		0	0	0	0.162	0.5	500	0%	0	0	0%	
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	0.5	500	0%	0	0	0%	
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	0.5	500	0%	0	0	0%	
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	0.5	500	0%	0	0	0%	
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	0.5	500	0%	0	0	0%	
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	0.5	1000	0%	0	0	0%	
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	10	5000	0%	0	0	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	
Methylene chloride	A	ug/L	1.85747	0		0	0	0	0.338	0.5	500	0%	0	0	0%	
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	0.5	500	0%	0	0	0%	
Styrene	A	ug/L	0	0		0	0	0	0.067	0.5	500	0%	0	0	0%	
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	0.5	500	0%	0	0	0%	
Toluene	A	ug/L	0	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	0.5	500	0%	0	0	0%	
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	0.5	500	0%	0	0	0%	
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	0.5	500	0%	0	0	0%	
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	0.5	500	0%	0	0	0%	
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	0.5	500	0%	0	0	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	
1,2-Dichloroethane-d4	S	ug/L	272.27162	10.8908648		10	0	0	0.229	0.5	500	109%	81	118	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090858	MBLK031022_	VOC-8260-W-Q	MBLK	1A5975C\VG03103	10/2022 1:53:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Dibromofluoromethane	S	ug/L	264.60556	10.5842224		10	0	0	0.129	0.5	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	259.70663	10.3882652		10	0	0	0.149	0.5	500	104%	85	114	0%	
Toluene-d8	S	ug/L	233.45442	9.3381768		10	0	0	0.23	0.5	500	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090859	B22030502-016	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 2:20:2	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090859	B22030502-016	VOC-8260-W-S	SAMP	\\A5975C\VG03103\10\2022	2:20:2	1	R375958		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	0.28687	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.3769	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0.3769	0		0	0	0	0.0604	1	0	0%			0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	280.01875	11.20075		10	0	0	0.229	1	500	112%	81	118	0%	
Dibromofluoromethane	S	ug/L	272.17112	10.8868448		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	272.76005	10.910402		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	235.8531	9.434124		10	0	0	0.23	1	500	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090860	B22030502-011	VOC-8260-W-S	SAMP	\\A5975C\VG03103\10\2022	3:17:4	1	R375958		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					
15090860	B22030502-011	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 3:17:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.28588	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090860	B22030502-011	VOC-8260-W-S	SAMP	IA5975C\VG03103	10/2022 3:17:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	3.16996	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.21271	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0.21271	0		0	0	0	0.0604	1	0	0%			0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	283.12899	11.3251596		10	0	0	0.229	1	500	113%	81	118	0%	
Dibromofluoromethane	S	ug/L	272.96127	10.9184508		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	269.17694	10.7670776		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	239.29937	9.5719748		10	0	0	0.23	1	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090861	B22030502-006	VOC-8260-W-S	SAMP	IA5975C\VG03103	10/2022 3:44:5	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090861	B22030502-006	VOC-8260-W-S	SAMP	\\A5975C\VG03103\10\2022	3:44:5	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.6361	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.81241	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.42636	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090861	B22030502-006	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 3:44:5	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0.42636	0		0	0	0	0.0604	1	0	0%			0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	264.54109	10.5816436		10	0	0	0.229	1	500	106%	81	118	0%	
Dibromofluoromethane	S	ug/L	265.25137	10.6100548		10	0	0	0.129	1	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	264.45201	10.5780804		10	0	0	0.149	1	500	106%	85	114	0%	
Toluene-d8	S	ug/L	241.63232	9.6652928		10	0	0	0.23	1	500	97%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090862	B22030502-001	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 4:12:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090862	B22030502-001	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 4:12:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	3.65189	0.1460756		0	0	0	0.0789	1	500	0%	0	0	0%	J
Chloromethane	A	ug/L	0.40028	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.85054	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.76921	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090862	B22030502-001	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 4:12:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
BETX, Total	M	ug/L	0.76921	0		0	0	0	0.0604	1	0	0%			0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	270.37187	10.8148748		10	0	0	0.229	1	500	108%	81	118	0%	
Dibromofluoromethane	S	ug/L	273.65295	10.946118		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	269.21075	10.76843		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	239.61599	9.5846396		10	0	0	0.23	1	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090863	B22030502-021	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 4:39:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090863	B22030502-021	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 4:39:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.751	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.39203	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0.39203	0		0	0	0	0.0604	1	0	0%			0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	279.2956	11.171824		10	0	0	0.229	1	500	112%	81	118	0%	
Dibromofluoromethane	S	ug/L	264.36671	10.5746684		10	0	0	0.129	1	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.78393	10.5513572		10	0	0	0.149	1	500	106%	85	114	0%	
Toluene-d8	S	ug/L	237.73173	9.5092692		10	0	0	0.23	1	500	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090864	B22030502-026	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 5:07:0	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090864	B22030502-026	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 5:07:0	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	2.20762	0.0883048		0	0	0	0.067	1	500	0%	0	0	0%	J
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	1.70365	0.068146	0.068	0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	1.70365	0.068146		0	0	0	0.0679	1	0	0%			0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	276.64178	11.0656712		10	0	0	0.229	1	500	111%	81	118	0%	
Dibromofluoromethane	S	ug/L	267.33504	10.6934016		10	0	0	0.129	1	500	107%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	270.62012	10.8248048		10	0	0	0.149	1	500	108%	85	114	0%	
Toluene-d8	S	ug/L	237.97176	9.5188704		10	0	0	0.23	1	500	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090865	B22030502-031	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 5:34:3	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090865	B22030502-031	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 5:34:3	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0.0747	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.37387	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	0.56209	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0.25353	0		0	0	0	0.0679	1	500	0%	0	0	0%	UT

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090865	B22030502-031	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 5:34:3	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0.32823	0		0	0	0	0.0604	1	0	0%			0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	268.32997	10.7331988		10	0	0	0.229	1	500	107%	81	118	0%	
Dibromofluoromethane	S	ug/L	269.88494	10.7953976		10	0	0	0.129	1	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	265.67626	10.6270504		10	0	0	0.149	1	500	106%	85	114	0%	
Toluene-d8	S	ug/L	237.87337	9.5149348		10	0	0	0.23	1	500	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090866	B22030502-032	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 6:01:5	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090866	B22030502-032	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 6:01:5	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.42001	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.65647	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.77741	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.31372	0.0925488		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090866	B22030502-032	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 6:01:5	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
BETX, Total	M	ug/L	2.31372	0.0925488		0	0	0	0.0679	1	0	0%			0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	274.62627	10.9850508		10	0	0	0.229	1	500	110%	81	118	0%	
Dibromofluoromethane	S	ug/L	264.52987	10.5811948		10	0	0	0.129	1	500	106%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	265.01675	10.60067		10	0	0	0.149	1	500	106%	85	114	0%	
Toluene-d8	S	ug/L	238.28808	9.5315232		10	0	0	0.23	1	500	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090867	B22030502-002	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 6:29:0	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090867	B22030502-002	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 6:29:0	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.60432	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.26863	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	2.1592	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.58983	0.1035932		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	2.58983	0.1035932		0	0	0	0.0679	1	0	0%			0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	269.51113	10.7804452		10	0	0	0.229	1	500	108%	81	118	0%	
Dibromofluoromethane	S	ug/L	270.51902	10.8207608		10	0	0	0.129	1	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	262.38429	10.4953716		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	236.15071	9.4460284		10	0	0	0.23	1	500	94%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090868	B22030502-007	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 6:56:2	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090868	B22030502-007	VOC-8260-W-S	SAMP	IA5975C\VG03103	10/2022 6:56:2	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.89235	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.92765	0.117106		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	2.92765	0.117106		0	0	0	0.0679	1	0	0%			0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	265.18712	10.6074848		10	0	0	0.229	1	500	106%	81	118	0%	
Dibromofluoromethane	S	ug/L	271.65739	10.8662956		10	0	0	0.129	1	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	266.63522	10.6654088		10	0	0	0.149	1	500	107%	85	114	0%	
Toluene-d8	S	ug/L	241.59964	9.6639856		10	0	0	0.23	1	500	97%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090869	B22030502-012	VOC-8260-W-S	SAMP	IA5975C\VG03103	10/2022 7:23:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090869	B22030502-012	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 7:23:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.33186	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	2.27415	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.06034	0.0824136		0	0	0	0.0679	1	500	0%	0	0	0%	J

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090869	B22030502-012	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 7:23:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	2.06034	0.0824136		0	0	0	0.0679	1	0	0%			0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	269.71966	10.7887864		10	0	0	0.229	1	500	108%	81	118	0%	
Dibromofluoromethane	S	ug/L	268.80857	10.7523428		10	0	0	0.129	1	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.01378	10.5205512		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	239.99969	9.5999876		10	0	0	0.23	1	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090870	B22030502-017	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 7:51:0	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090870	B22030502-017	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 7:51:0	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.60031	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.27651	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.19264	0.0877056		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090870	B22030502-017	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 7:51:0	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
BETX, Total	M	ug/L	2.19264	0.0877056		0	0	0	0.0679	1	0	0%			0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	272.83985	10.913594		10	0	0	0.229	1	500	109%	81	118	0%	
Dibromofluoromethane	S	ug/L	267.64402	10.7057608		10	0	0	0.129	1	500	107%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	271.69453	10.8677812		10	0	0	0.149	1	500	109%	85	114	0%	
Toluene-d8	S	ug/L	232.69637	9.3078548		10	0	0	0.23	1	500	93%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090871	B22030502-022	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 8:18:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090871	B22030502-022	VOC-8260-W-S	SAMP	1A5975C\VG03103	10/2022 8:18:1	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.44598	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.34558	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	2.12021	0.0848084		0	0	0	0.0679	1	500	0%	0	0	0%	J
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	2.12021	0.0848084		0	0	0	0.0679	1	0	0%			0%	J
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	277.70551	11.1082204		10	0	0	0.229	1	500	111%	81	118	0%	
Dibromofluoromethane	S	ug/L	274.52267	10.9809068		10	0	0	0.129	1	500	110%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.69419	10.5477676		10	0	0	0.149	1	500	105%	85	114	0%	
Toluene-d8	S	ug/L	238.90266	9.5561064		10	0	0	0.23	1	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090872	B22030502-027	VOC-8260-W-S	SAMP	\\A5975C\VG03103	10/2022 8:45:3	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	1	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	1	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	1	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	1	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	1	500	0%	0	0	0%	U
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	1	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	1	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	1	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	1	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	1	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	1	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	1	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	1	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	1	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	1	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	1	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	1	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	1	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	1	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	1	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	1	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	1	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	1	500	0%	0	0	0%	U
Chloroform	A	ug/L	0.15637	0		0	0	0	0.0789	1	500	0%	0	0	0%	U
Chloromethane	A	ug/L	0.36018	0		0	0	0	0.162	1	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	1	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	1	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	1	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	1	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	1	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090872	B22030502-027	VOC-8260-W-S	SAMP	IA5975C\VG03103	10/2022 8:45:3	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	1	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	20	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	1	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	1.45088	0		0	0	0	0.338	1	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	1	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	1	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	1	500	0%	0	0	0%	U
Toluene	A	ug/L	0	0		0	0	0	0.0679	1	500	0%	0	0	0%	U
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	1	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	1	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	1	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	1	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	1	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	0	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0.1	0	0	0%	0	0	0%	
BETX, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%			0%	U
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	1	0	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	271.68635	10.867454		10	0	0	0.229	1	500	109%	81	118	0%	
Dibromofluoromethane	S	ug/L	269.05763	10.7623052		10	0	0	0.129	1	500	108%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	268.39336	10.7357344		10	0	0	0.149	1	500	107%	85	114	0%	
Toluene-d8	S	ug/L	238.44262	9.5377048		10	0	0	0.23	1	500	95%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090875	B22030502-011	VOC-8260-W-Q	SAMP	IA5975C\VG03103	10/2022 3:17:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	U
1,1,1-Trichloroethane	A	ug/L	0	0		0	0	0	0.131	0.5	500	0%	0	0	0%	U
1,1,2,2-Tetrachloroethane	A	ug/L	0	0		0	0	0	0.0872	0.5	500	0%	0	0	0%	U
1,1,2-Trichloroethane	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	U
1,1-Dichloroethane	A	ug/L	0	0		0	0	0	0.135	0.5	500	0%	0	0	0%	U
1,1-Dichloroethene	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	U
1,1-Dichloropropene	A	ug/L	0	0		0	0	0	0.083	0.5	500	0%	0	0	0%	U
1,2,3-Trichloropropane	A	ug/L	0	0		0	0	0	0.235	0.5	500	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090875	B22030502-011	VOC-8260-W-Q	SAMP	\\A5975C\VG03103	10/2022 3:17:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dibromoethane	A	ug/L	0	0		0	0	0	0.0916	0.5	500	0%	0	0	0%	U
1,2-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0746	0.5	500	0%	0	0	0%	U
1,2-Dichloroethane	A	ug/L	0	0		0	0	0	0.116	0.5	500	0%	0	0	0%	U
1,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.0847	0.5	500	0%	0	0	0%	U
1,3-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0803	0.5	500	0%	0	0	0%	U
1,3-Dichloropropane	A	ug/L	0	0		0	0	0	0.0791	0.5	500	0%	0	0	0%	U
1,4-Dichlorobenzene	A	ug/L	0	0		0	0	0	0.0858	0.5	500	0%	0	0	0%	U
2,2-Dichloropropane	A	ug/L	0	0		0	0	0	0.186	0.5	500	0%	0	0	0%	U
2-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0876	0.5	500	0%	0	0	0%	U
4-Chlorotoluene	A	ug/L	0	0		0	0	0	0.0728	0.5	500	0%	0	0	0%	U
Benzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	U
Bromobenzene	A	ug/L	0	0		0	0	0	0.0831	0.5	500	0%	0	0	0%	U
Bromochloromethane	A	ug/L	0	0		0	0	0	0.141	0.5	500	0%	0	0	0%	U
Bromodichloromethane	A	ug/L	0	0		0	0	0	0.12	0.5	500	0%	0	0	0%	U
Bromoform	A	ug/L	0	0		0	0	0	0.119	0.5	500	0%	0	0	0%	U
Bromomethane	A	ug/L	0	0		0	0	0	0.253	0.5	500	0%	0	0	0%	U
Carbon tetrachloride	A	ug/L	0	0		0	0	0	0.143	0.5	500	0%	0	0	0%	U
Chlorobenzene	A	ug/L	0	0		0	0	0	0.0914	0.5	500	0%	0	0	0%	U
Chlorodibromomethane	A	ug/L	0	0		0	0	0	0.0841	0.5	500	0%	0	0	0%	U
Chloroethane	A	ug/L	0	0		0	0	0	0.169	0.5	500	0%	0	0	0%	U
Chloroform	A	ug/L	0	0		0	0	0	0.0789	0.5	500	0%	0	0	0%	U
Chloromethane	A	ug/L	1.28588	0		0	0	0	0.162	0.5	500	0%	0	0	0%	U
cis-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.108	0.5	500	0%	0	0	0%	U
cis-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.073	0.5	500	0%	0	0	0%	U
Dibromomethane	A	ug/L	0	0		0	0	0	0.147	0.5	500	0%	0	0	0%	U
Dichlorodifluoromethane	A	ug/L	0	0		0	0	0	0.175	0.5	500	0%	0	0	0%	U
Ethylbenzene	A	ug/L	0	0		0	0	0	0.0836	0.5	500	0%	0	0	0%	U
m+p-Xylenes	A	ug/L	0	0		0	0	0	0.15	0.5	1000	0%	0	0	0%	U
Methyl ethyl ketone	A	ug/L	0	0		0	0	0	1.77	10	5000	0%	0	0	0%	U
Methyl tert-butyl ether (MTBE)	A	ug/L	0	0		0	0	0	0.101	0.5	500	0%	0	0	0%	U
Methylene chloride	A	ug/L	3.16996	0		0	0	0	0.338	0.5	500	0%	0	0	0%	U
o-Xylene	A	ug/L	0	0		0	0	0	0.0604	0.5	500	0%	0	0	0%	U
Styrene	A	ug/L	0	0		0	0	0	0.067	0.5	500	0%	0	0	0%	U
Tetrachloroethene	A	ug/L	0	0		0	0	0	0.0671	0.5	500	0%	0	0	0%	U
Toluene	A	ug/L	0.21271	0		0	0	0	0.0679	0.5	500	0%	0	0	0%	U



Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090875	B22030502-011	VOC-8260-W-Q	SAMP	IA5975C\VG03103	10/2022 3:17:4	1	R375958		0	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
trans-1,2-Dichloroethene	A	ug/L	0	0		0	0	0	0.125	0.5	500	0%	0	0	0%	U
trans-1,3-Dichloropropene	A	ug/L	0	0		0	0	0	0.0846	0.5	500	0%	0	0	0%	U
Trichloroethene	A	ug/L	0	0		0	0	0	0.0993	0.5	500	0%	0	0	0%	U
Trichlorofluoromethane	A	ug/L	0	0		0	0	0	0.134	0.5	500	0%	0	0	0%	U
Vinyl chloride	A	ug/L	0	0		0	0	0	0.153	0.5	500	0%	0	0	0%	U
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	0	0		0	0	0	0.0604	0.5	1500	0%	0	0	0%	U
1,2-Dichloroethane-d4	S	ug/L	283.12899	11.3251596		10	0	0	0.229	0.5	500	113%	81	118	0%	
Dibromofluoromethane	S	ug/L	272.96127	10.9184508		10	0	0	0.129	0.5	500	109%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	269.17694	10.7670776		10	0	0	0.149	0.5	500	108%	85	114	0%	
Toluene-d8	S	ug/L	239.29937	9.5719748		10	0	0	0.23	0.5	500	96%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090876	B22030502-011	VOC-8260-W-Q	MS-DOD	IA5975C\VG03103	10/2022 9:13:0	1	R375958		2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	122.57534	4.9030136		5	0	0	0.101	0.5	500	98%	78	124	0%	
1,1,1-Trichloroethane	A	ug/L	116.50424	4.6601696		5	0	0	0.131	0.5	500	93%	74	131	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	133.26398	5.3305592		5	0	0	0.0872	0.5	500	107%	71	121	0%	
1,1,2-Trichloroethane	A	ug/L	123.79815	4.951926		5	0	0	0.108	0.5	500	99%	80	119	0%	
1,1-Dichloroethane	A	ug/L	122.70999	4.9083996		5	0	0	0.135	0.5	500	98%	77	125	0%	
1,1-Dichloroethene	A	ug/L	123.72319	4.9489276		5	0	0	0.141	0.5	500	99%	71	131	0%	
1,1-Dichloropropene	A	ug/L	114.47826	4.5791304		5	0	0	0.083	0.5	500	92%	79	125	0%	
1,2,3-Trichloropropane	A	ug/L	130.90289	5.2361156		5	0	0	0.235	0.5	500	105%	73	125	0%	
1,2-Dibromoethane	A	ug/L	121.3426	4.853704		5	0	0	0.0916	0.5	500	97%	78	122	0%	
1,2-Dichlorobenzene	A	ug/L	130.33577	5.2134308		5	0	0	0.0746	0.5	500	104%	80	119	0%	
1,2-Dichloroethane	A	ug/L	121.01198	4.8404792		5	0	0	0.116	0.5	500	97%	73	128	0%	
1,2-Dichloropropane	A	ug/L	120.07347	4.8029388		5	0	0	0.0847	0.5	500	96%	78	122	0%	
1,3-Dichlorobenzene	A	ug/L	133.20573	5.3282292		5	0	0	0.0803	0.5	500	107%	80	119	0%	
1,3-Dichloropropane	A	ug/L	120.36189	4.8144756		5	0	0	0.0791	0.5	500	96%	80	119	0%	
1,4-Dichlorobenzene	A	ug/L	128.67015	5.146806		5	0	0	0.0858	0.5	500	103%	79	118	0%	
2,2-Dichloropropane	A	ug/L	113.97177	4.5588708		5	0	0	0.186	0.5	500	91%	60	139	0%	
2-Chlorotoluene	A	ug/L	131.74564	5.2698256		5	0	0	0.0876	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					
15090876	B22030502-011	VOC-8260-W-Q	MS-DOD	1A5975C\VG03103	10/2022 9:13:0	1	R375958		2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
4-Chlorotoluene	A	ug/L	136.4513	5.458052		5	0	0	0.0728	0.5	500	109%	78	122	0%	
Benzene	A	ug/L	122.96735	4.918694		5	0	0	0.0914	0.5	500	98%	79	120	0%	
Bromobenzene	A	ug/L	130.139	5.20556		5	0	0	0.0831	0.5	500	104%	80	120	0%	
Bromochloromethane	A	ug/L	121.08699	4.8434796		5	0	0	0.141	0.5	500	97%	78	123	0%	
Bromodichloromethane	A	ug/L	126.08728	5.0434912		5	0	0	0.12	0.5	500	101%	79	125	0%	
Bromoform	A	ug/L	128.32801	5.1331204		5	0	0	0.119	0.5	500	103%	66	130	0%	
Bromomethane	A	ug/L	88.62816	3.5451264		5	0	0	0.253	0.5	500	71%	53	141	0%	
Carbon tetrachloride	A	ug/L	118.38048	4.7352192		5	0	0	0.143	0.5	500	95%	72	136	0%	
Chlorobenzene	A	ug/L	126.96645	5.078658		5	0	0	0.0914	0.5	500	102%	82	118	0%	
Chlorodibromomethane	A	ug/L	126.33563	5.0534252		5	0	0	0.0841	0.5	500	101%	74	126	0%	
Chloroethane	A	ug/L	106.97901	4.2791604		5	0	0	0.169	0.5	500	86%	60	138	0%	
Chloroform	A	ug/L	116.5131	4.660524		5	0	0	0.0789	0.5	500	93%	79	124	0%	
Chloromethane	A	ug/L	109.62696	4.3850784		5	0	0	0.162	0.5	500	88%	50	139	0%	
cis-1,2-Dichloroethene	A	ug/L	120.59881	4.8239524		5	0	0	0.108	0.5	500	96%	78	123	0%	
cis-1,3-Dichloropropene	A	ug/L	116.64996	4.6659984		5	0	0	0.073	0.5	500	93%	75	124	0%	
Dibromomethane	A	ug/L	122.27607	4.8910428		5	0	0	0.147	0.5	500	98%	79	123	0%	
Dichlorodifluoromethane	A	ug/L	103.99001	4.1596004		5	0	0	0.175	0.5	500	83%	32	152	0%	
Ethylbenzene	A	ug/L	123.78518	4.9514072		5	0	0	0.0836	0.5	500	99%	79	121	0%	
m+p-Xylenes	A	ug/L	242.12259	9.6849036		10	0	0	0.15	0.5	1000	97%	80	121	0%	
Methyl ethyl ketone	A	ug/L	1312.11113	52.4844452		50	0	0	1.77	10	5000	105%	56	143	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	122.79867	4.9119468		5	0	0	0.101	0.5	500	98%	71	124	0%	
Methylene chloride	A	ug/L	116.95009	4.6780036		5	0	0	0.338	0.5	500	94%	74	124	0%	
o-Xylene	A	ug/L	125.62493	5.0249972		5	0	0	0.0604	0.5	500	100%	78	122	0%	
Styrene	A	ug/L	124.34094	4.9736376		5	0	0	0.067	0.5	500	99%	78	123	0%	
Tetrachloroethene	A	ug/L	122.86011	4.9144044		5	0	0	0.0671	0.5	500	98%	74	129	0%	
Toluene	A	ug/L	128.89971	5.1559884		5	0	0	0.0679	0.5	500	103%	80	121	0%	
trans-1,2-Dichloroethene	A	ug/L	120.07878	4.8031512		5	0	0	0.125	0.5	500	96%	75	124	0%	
trans-1,3-Dichloropropene	A	ug/L	125.54042	5.0216168		5	0	0	0.0846	0.5	500	100%	73	127	0%	
Trichloroethene	A	ug/L	120.6757	4.827028		5	0	0	0.0993	0.5	500	97%	79	123	0%	
Trichlorofluoromethane	A	ug/L	110.98381	4.4393524		5	0	0	0.134	0.5	500	89%	65	141	0%	
Vinyl chloride	A	ug/L	115.19576	4.6078304		5	0	0	0.153	0.5	500	92%	58	137	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	367.74752	14.7099008		15	0	0	0.0604	0.5	1500	98%	79	121	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090876	B22030502-011	VOC-8260-W-Q	MS-DOD	A5975C\VG03103	10/2022 9:13:0	1	R375958		2E+07	0						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,2-Dichloroethane-d4	S	ug/L	251.19675	10.04787		10	0	0	0.229	0.5	500	100%	81	118	0%	
Dibromofluoromethane	S	ug/L	250.5982	10.023928		10	0	0	0.129	0.5	500	100%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	265.61901	10.6247604		10	0	0	0.149	0.5	500	106%	85	114	0%	
Toluene-d8	S	ug/L	251.87391	10.0749564		10	0	0	0.23	0.5	500	101%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090877	B22030502-011	VOC-8260-W-Q	MSD-DOD	A5975C\VG03103	10/2022 9:40:2	1	R375958		2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
1,1,1,2-Tetrachloroethane	A	ug/L	126.86068	5.0744272		5	0	4.9030136	0.101	0.5	500	101%	78	124	3%	
1,1,1-Trichloroethane	A	ug/L	122.1756	4.887024		5	0	4.6601696	0.131	0.5	500	98%	74	131	5%	
1,1,2,2-Tetrachloroethane	A	ug/L	139.03888	5.5615552		5	0	5.3305592	0.0872	0.5	500	111%	71	121	4%	
1,1,2-Trichloroethane	A	ug/L	127.97574	5.1190296		5	0	4.951926	0.108	0.5	500	102%	80	119	3%	
1,1-Dichloroethane	A	ug/L	126.26439	5.0505756		5	0	4.9083996	0.135	0.5	500	101%	77	125	3%	
1,1-Dichloroethene	A	ug/L	125.15462	5.0061848		5	0	4.9489276	0.141	0.5	500	100%	71	131	1%	
1,1-Dichloropropene	A	ug/L	116.98043	4.6792172		5	0	4.5791304	0.083	0.5	500	94%	79	125	2%	
1,2,3-Trichloropropane	A	ug/L	131.82235	5.272894		5	0	5.2361156	0.235	0.5	500	105%	73	125	1%	
1,2-Dibromoethane	A	ug/L	127.17747	5.0870988		5	0	4.853704	0.0916	0.5	500	102%	78	122	5%	
1,2-Dichlorobenzene	A	ug/L	133.27705	5.331082		5	0	5.2134308	0.0746	0.5	500	107%	80	119	2%	
1,2-Dichloroethane	A	ug/L	129.26026	5.1704104		5	0	4.8404792	0.116	0.5	500	103%	73	128	7%	
1,2-Dichloropropane	A	ug/L	123.34588	4.9338352		5	0	4.8029388	0.0847	0.5	500	99%	78	122	3%	
1,3-Dichlorobenzene	A	ug/L	137.5035	5.50014		5	0	5.3282292	0.0803	0.5	500	110%	80	119	3%	
1,3-Dichloropropane	A	ug/L	121.77926	4.8711704		5	0	4.8144756	0.0791	0.5	500	97%	80	119	1%	
1,4-Dichlorobenzene	A	ug/L	130.36919	5.2147676		5	0	5.146806	0.0858	0.5	500	104%	79	118	1%	
2,2-Dichloropropane	A	ug/L	116.24698	4.6498792		5	0	4.5588708	0.186	0.5	500	93%	60	139	2%	
2-Chlorotoluene	A	ug/L	138.11381	5.5245524		5	0	5.2698256	0.0876	0.5	500	110%	79	122	5%	
4-Chlorotoluene	A	ug/L	136.87162	5.4748648		5	0	5.458052	0.0728	0.5	500	109%	78	122	0%	
Benzene	A	ug/L	126.58445	5.063378		5	0	4.918694	0.0914	0.5	500	101%	79	120	3%	
Bromobenzene	A	ug/L	132.52905	5.301162		5	0	5.20556	0.0831	0.5	500	106%	80	120	2%	
Bromochloromethane	A	ug/L	125.59036	5.0236144		5	0	4.8434796	0.141	0.5	500	100%	78	123	4%	
Bromodichloromethane	A	ug/L	129.92026	5.1968104		5	0	5.0434912	0.12	0.5	500	104%	79	125	3%	
Bromoform	A	ug/L	133.00899	5.3203596		5	0	5.1331204	0.119	0.5	500	106%	66	130	4%	
Bromomethane	A	ug/L	95.4955	3.81982		5	0	3.5451264	0.253	0.5	500	76%	53	141	7%	
Carbon tetrachloride	A	ug/L	120.25545	4.810218		5	0	4.7352192	0.143	0.5	500	96%	72	136	2%	
Chlorobenzene	A	ug/L	129.01607	5.1606428		5	0	5.078658	0.0914	0.5	500	103%	82	118	2%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090877	B22030502-011	VOC-8260-W-Q	MSD-DOD	\\A5975C\VG03103	10/2022 9:40:2	1	R375958		2E+07	2E+07						
Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Chlorodibromomethane	A	ug/L	125.82359	5.0329436		5	0	5.0534252	0.0841	0.5	500	101%	74	126	0%	
Chloroethane	A	ug/L	110.87141	4.4348564		5	0	4.2791604	0.169	0.5	500	89%	60	138	4%	
Chloroform	A	ug/L	118.10894	4.7243576		5	0	4.660524	0.0789	0.5	500	94%	79	124	1%	
Chloromethane	A	ug/L	119.56216	4.7824864		5	0	4.3850784	0.162	0.5	500	96%	50	139	9%	
cis-1,2-Dichloroethene	A	ug/L	126.11182	5.0444728		5	0	4.8239524	0.108	0.5	500	101%	78	123	4%	
cis-1,3-Dichloropropene	A	ug/L	116.17737	4.6470948		5	0	4.6659984	0.073	0.5	500	93%	75	124	0%	
Dibromomethane	A	ug/L	125.1402	5.005608		5	0	4.8910428	0.147	0.5	500	100%	79	123	2%	
Dichlorodifluoromethane	A	ug/L	105.30057	4.2120228		5	0	4.1596004	0.175	0.5	500	84%	32	152	1%	
Ethylbenzene	A	ug/L	125.71018	5.0284072		5	0	4.9514072	0.0836	0.5	500	101%	79	121	2%	
m+p-Xylenes	A	ug/L	246.13532	9.8454128		10	0	9.6849036	0.15	0.5	1000	98%	80	121	2%	
Methyl ethyl ketone	A	ug/L	1373.87894	54.9551576		50	0	52.484445	1.77	10	5000	110%	56	143	5%	
Methyl tert-butyl ether (MTBE)	A	ug/L	130.63638	5.2254552		5	0	4.9119468	0.101	0.5	500	105%	71	124	6%	
Methylene chloride	A	ug/L	118.06632	4.7226528		5	0	4.6780036	0.338	0.5	500	94%	74	124	1%	
o-Xylene	A	ug/L	126.39892	5.0559568		5	0	5.0249972	0.0604	0.5	500	101%	78	122	1%	
Styrene	A	ug/L	124.4417	4.977668		5	0	4.9736376	0.067	0.5	500	100%	78	123	0%	
Tetrachloroethene	A	ug/L	122.96392	4.9185568		5	0	4.9144044	0.0671	0.5	500	98%	74	129	0%	
Toluene	A	ug/L	130.55043	5.2220172		5	0	5.1559884	0.0679	0.5	500	104%	80	121	1%	
trans-1,2-Dichloroethene	A	ug/L	122.70043	4.9080172		5	0	4.8031512	0.125	0.5	500	98%	75	124	2%	
trans-1,3-Dichloropropene	A	ug/L	129.11481	5.1645924		5	0	5.0216168	0.0846	0.5	500	103%	73	127	3%	
Trichloroethene	A	ug/L	123.43519	4.9374076		5	0	4.827028	0.0993	0.5	500	99%	79	123	2%	
Trichlorofluoromethane	A	ug/L	119.69856	4.7879424		5	0	4.4393524	0.134	0.5	500	96%	65	141	8%	
Vinyl chloride	A	ug/L	123.7492	4.949968		5	0	4.6078304	0.153	0.5	500	99%	58	137	7%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	372.53424	14.9013696		15	0	14.709901	0.0604	0.5	1500	99%	79	121	1%	
1,2-Dichloroethane-d4	S	ug/L	258.90402	10.3561608		10	0	0	0.229	0.5	500	104%	81	118	0%	
Dibromofluoromethane	S	ug/L	256.60376	10.2641504		10	0	0	0.129	0.5	500	103%	80	119	0%	
p-Bromofluorobenzene	S	ug/L	263.33607	10.5334428		10	0	0	0.149	0.5	500	105%	85	114	0%	
Toluene-d8	S	ug/L	246.85803	9.8743212		10	0	0	0.23	0.5	500	99%	89	112	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090878	CCV031022_CI	VOC-8260-W-Q	CCV	\\A5975C\VG03103	10/2022 10:34:	1	R375958		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					
15090878	CCV031022_CI	VOC-8260-W-Q	CCV	1A5975C\VG03103	10/2022 10:34:	1	R375958		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	127.62959	5.1051836		5	0	0	0.101	0.5	500	102%	50	150	0%	
1,1,1-Trichloroethane	A	ug/L	125.04273	5.0017092		5	0	0	0.131	0.5	500	100%	50	150	0%	
1,1,2,2-Tetrachloroethane	A	ug/L	125.22383	5.0089532		5	0	0	0.0872	0.5	500	100%	50	150	0%	
1,1,2-Trichloroethane	A	ug/L	123.83844	4.9535376		5	0	0	0.108	0.5	500	99%	50	150	0%	
1,1-Dichloroethane	A	ug/L	125.96694	5.0386776		5	0	0	0.135	0.5	500	101%	50	150	0%	
1,1-Dichloroethene	A	ug/L	129.83013	5.1932052		5	0	0	0.141	0.5	500	104%	50	150	0%	
1,1-Dichloropropene	A	ug/L	125.37255	5.014902		5	0	0	0.083	0.5	500	100%	50	150	0%	
1,2,3-Trichloropropane	A	ug/L	117.08268	4.6833072		5	0	0	0.235	0.5	500	94%	50	150	0%	
1,2-Dibromoethane	A	ug/L	124.16682	4.9666728		5	0	0	0.0916	0.5	500	99%	50	150	0%	
1,2-Dichlorobenzene	A	ug/L	124.428	4.97712		5	0	0	0.0746	0.5	500	100%	50	150	0%	
1,2-Dichloroethane	A	ug/L	128.73983	5.1495932		5	0	0	0.116	0.5	500	103%	50	150	0%	
1,2-Dichloropropane	A	ug/L	125.49634	5.0198536		5	0	0	0.0847	0.5	500	100%	50	150	0%	
1,3-Dichlorobenzene	A	ug/L	127.13369	5.0853476		5	0	0	0.0803	0.5	500	102%	50	150	0%	
1,3-Dichloropropane	A	ug/L	126.23022	5.0492088		5	0	0	0.0791	0.5	500	101%	50	150	0%	
1,4-Dichlorobenzene	A	ug/L	125.14049	5.0056196		5	0	0	0.0858	0.5	500	100%	50	150	0%	
2,2-Dichloropropane	A	ug/L	116.91718	4.6766872		5	0	0	0.186	0.5	500	94%	50	150	0%	
2-Chlorotoluene	A	ug/L	126.92648	5.0770592		5	0	0	0.0876	0.5	500	102%	50	150	0%	
4-Chlorotoluene	A	ug/L	130.74032	5.2296128		5	0	0	0.0728	0.5	500	105%	50	150	0%	
Benzene	A	ug/L	128.50517	5.1402068		5	0	0	0.0914	0.5	500	103%	50	150	0%	
Bromobenzene	A	ug/L	123.64176	4.9456704		5	0	0	0.0831	0.5	500	99%	50	150	0%	
Bromochloromethane	A	ug/L	128.38446	5.1353784		5	0	0	0.141	0.5	500	103%	50	150	0%	
Bromodichloromethane	A	ug/L	123.85733	4.9542932		5	0	0	0.12	0.5	500	99%	50	150	0%	
Bromoform	A	ug/L	121.02157	4.8408628		5	0	0	0.119	0.5	500	97%	50	150	0%	
Bromomethane	A	ug/L	97.62398	3.9049592		5	0	0	0.253	0.5	500	78%	50	150	0%	
Carbon tetrachloride	A	ug/L	126.31709	5.0526836		5	0	0	0.143	0.5	500	101%	50	150	0%	
Chlorobenzene	A	ug/L	126.12269	5.0449076		5	0	0	0.0914	0.5	500	101%	50	150	0%	
Chlorodibromomethane	A	ug/L	126.12154	5.0448616		5	0	0	0.0841	0.5	500	101%	50	150	0%	
Chloroethane	A	ug/L	124.98587	4.9994348		5	0	0	0.169	0.5	500	100%	50	150	0%	
Chloroform	A	ug/L	125.16665	5.006666		5	0	0	0.0789	0.5	500	100%	50	150	0%	
Chloromethane	A	ug/L	124.79432	4.9917728		5	0	0	0.162	0.5	500	100%	50	150	0%	
cis-1,2-Dichloroethene	A	ug/L	124.06102	4.9624408		5	0	0	0.108	0.5	500	99%	50	150	0%	
cis-1,3-Dichloropropene	A	ug/L	120.49208	4.8196832		5	0	0	0.073	0.5	500	96%	50	150	0%	
Dibromomethane	A	ug/L	125.51409	5.0205636		5	0	0	0.147	0.5	500	100%	50	150	0%	
Dichlorodifluoromethane	A	ug/L	126.25897	5.0503588		5	0	0	0.175	0.5	500	101%	50	150	0%	
Ethylbenzene	A	ug/L	124.72129	4.9888516		5	0	0	0.0836	0.5	500	100%	50	150	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist					
15090878	CCV031022_CI	VOC-8260-W-Q	CCV	1A5975C\VG03103	10/2022 10:34:	1	R375958		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	251.17365	10.046946		10	0	0	0.15	0.5	1000	100%	50	150	0%	
Methyl ethyl ketone	A	ug/L	1240.74364	49.6297456		50	0	0	1.77	10	5000	99%	50	150	0%	
Methyl tert-butyl ether (MTBE)	A	ug/L	122.91383	4.9165532		5	0	0	0.101	0.5	500	98%	50	150	0%	
Methylene chloride	A	ug/L	120.1758	4.807032		5	0	0	0.338	0.5	500	96%	50	150	0%	
o-Xylene	A	ug/L	126.54789	5.0619156		5	0	0	0.0604	0.5	500	101%	50	150	0%	
Styrene	A	ug/L	127.24119	5.0896476		5	0	0	0.067	0.5	500	102%	50	150	0%	
Tetrachloroethene	A	ug/L	125.03771	5.0015084		5	0	0	0.0671	0.5	500	100%	50	150	0%	
Toluene	A	ug/L	130.92979	5.2371916		5	0	0	0.0679	0.5	500	105%	50	150	0%	
trans-1,2-Dichloroethene	A	ug/L	124.1875	4.9675		5	0	0	0.125	0.5	500	99%	50	150	0%	
trans-1,3-Dichloropropene	A	ug/L	125.65537	5.0262148		5	0	0	0.0846	0.5	500	101%	50	150	0%	
Trichloroethene	A	ug/L	127.89781	5.1159124		5	0	0	0.0993	0.5	500	102%	50	150	0%	
Trichlorofluoromethane	A	ug/L	124.84676	4.9938704		5	0	0	0.134	0.5	500	100%	50	150	0%	
Vinyl chloride	A	ug/L	125.07168	5.0028672		5	0	0	0.153	0.5	500	100%	50	150	0%	
1,4-Dichlorobenzene-d4	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Chlorobenzene-d5	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Fluorobenzene	I	ug/L	250	10		0	0	0	0	0	500	0%	0	0	0%	
Xylenes, Total	M	ug/L	377.72154	15.1088616		15	0	0	0.0604	0.5	1500	101%	50	150	0%	
1,2-Dichloroethane-d4	S	ug/L	258.52147	10.3408588		10	0	0	0.229	0.5	500	103%	50	150	0%	
Dibromofluoromethane	S	ug/L	254.22668	10.1690672		10	0	0	0.129	0.5	500	102%	50	150	0%	
p-Bromofluorobenzene	S	ug/L	256.69839	10.2679356		10	0	0	0.149	0.5	500	103%	50	150	0%	
Toluene-d8	S	ug/L	254.86824	10.1947296		10	0	0	0.23	0.5	500	102%	50	150	0%	

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR01.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 10 Mar 2022 11:20 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\VG031022\10MAR02.D  
Sample Name : BFB031022\_  
Operator : MSC  
Date injected : 10 Mar 2022 11:48 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\VG031022\10MAR03.D  
Sample Name : CCV031022\_  
Operator : MSC  
Date injected : 10 Mar 2022 12:23 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\VG031022\10MAR04.D  
Sample Name : LCS031022\_  
Operator : MSC  
Date injected : 10 Mar 2022 12:58 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\VG031022\10MAR05.D  
Sample Name : BLK  
Operator : MSC

Date injected : 10 Mar 2022 1:25 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\VG031022\10MAR06.D  
Sample Name : MBLK031022\_  
Operator : MSC  
Date injected : 10 Mar 2022 1:53 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\VG031022\10MAR07.D  
Sample Name : B22030502-016E  
Operator : MSC  
Date injected : 10 Mar 2022 2:20 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\VG031022\10MAR08.D  
Sample Name : B22030502-011E  
Operator : MSC  
Date injected : 10 Mar 2022 3:17 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\VG031022\10MAR09.D  
Sample Name : B22030502-006E  
Operator : MSC  
Date injected : 10 Mar 2022 3:44 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\VG031022\10MAR10.D  
Sample Name : B22030502-001E  
Misc. Info. : Fvial  
Operator : MSC  
Date injected : 10 Mar 2022 4:12 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\VG031022\10MAR11.D  
Sample Name : B22030502-021E  
Operator : MSC  
Date injected : 10 Mar 2022 4:39 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\VG031022\10MAR12.D  
Sample Name : B22030502-026E  
Operator : MSC  
Date injected : 10 Mar 2022 5:07 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\VG031022\10MAR13.D  
Sample Name : B22030502-031E  
Operator : MSC  
Date injected : 10 Mar 2022 5:34 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\VG031022\10MAR14.D  
Sample Name : B22030502-032A  
Operator : MSC  
Date injected : 10 Mar 2022 6:01 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\VG031022\10MAR15.D  
Sample Name : B22030502-002A  
Operator : MSC  
Date injected : 10 Mar 2022 6:29 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\VG031022\10MAR16.D  
Sample Name : B22030502-007A  
Operator : MSC  
Date injected : 10 Mar 2022 6:56 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\VG031022\10MAR17.D  
Sample Name : B22030502-012A  
Operator : MSC  
Date injected : 10 Mar 2022 7:23 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\VG031022\10MAR18.D  
Sample Name : B22030502-017A  
Operator : MSC  
Date injected : 10 Mar 2022 7:51 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\VG031022\10MAR19.D  
Sample Name : B22030502-022A  
Operator : MSC  
Date injected : 10 Mar 2022 8:18 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\VG031022\10MAR20.D  
Sample Name : B22030502-027A  
Operator : MSC  
Date injected : 10 Mar 2022 8:45 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\VG031022\10MAR21.D  
Sample Name : B22030502-011EMS  
Operator : MSC  
Date injected : 10 Mar 2022 9:13 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 21

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR22.D  
Sample Name : B22030502-011EMSD

Operator : MSC  
Date injected : 10 Mar 2022 9:40 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 22

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR23.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 10 Mar 2022 10:07 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 23

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR24.D  
Sample Name : CCV031022\_Closing  
Operator : MSC  
Date injected : 10 Mar 2022 10:34 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 24

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR25.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 10 Mar 2022 11:02 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 25

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR26.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 10 Mar 2022 11:29 pm  
Instrument : VOA5975C

Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 26

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR27.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 10 Mar 2022 11:56 pm  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 27

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR28.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 11 Mar 2022 12:23 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 28

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR29.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 11 Mar 2022 12:51 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 29

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR30.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 11 Mar 2022 1:18 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840

End Time : 16.498  
Vial Number : 30

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR31.D  
Sample Name : BFB031022a  
Operator : MSC  
Date injected : 11 Mar 2022 1:45 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 31

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR32.D  
Sample Name : CCV031022a  
Operator : MSC  
Date injected : 11 Mar 2022 2:12 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 32

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR33.D  
Sample Name : LCS031022a  
Operator : MSC  
Date injected : 11 Mar 2022 2:40 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 33

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR34.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 11 Mar 2022 3:07 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 34

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR35.D  
Sample Name : MBLK031022a  
Operator : MSC  
Date injected : 11 Mar 2022 3:34 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 35

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR36.D  
Sample Name : B22030586-001E  
Operator : MSC  
Date injected : 11 Mar 2022 4:01 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 36

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR37.D  
Sample Name : B22030586-002E  
Operator : MSC  
Date injected : 11 Mar 2022 4:28 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 37

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR38.D  
Sample Name : B22030586-007E  
Operator : MSC  
Date injected : 11 Mar 2022 4:56 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 38

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR39.D  
Sample Name : BLK

Operator : MSC  
Date injected : 11 Mar 2022 5:23 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 39

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR40.D  
Sample Name : B22030586-003A  
Operator : MSC  
Date injected : 11 Mar 2022 5:50 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 40

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR41.D  
Sample Name : B22030586-008A  
Operator : MSC  
Date injected : 11 Mar 2022 6:17 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 41

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR42.D  
Sample Name : B22030410-008A  
Operator : MSC  
Date injected : 11 Mar 2022 6:44 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 42

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR43.D  
Sample Name : B22030410-010A  
Operator : MSC  
Date injected : 11 Mar 2022 7:12 am  
Instrument : VOA5975C



Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 43

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR44.D  
Sample Name : B22030410-011A  
Operator : MSC  
Date injected : 11 Mar 2022 7:39 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 44

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR45.D  
Sample Name : B22030410-012A  
Operator : MSC  
Date injected : 11 Mar 2022 8:06 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 45

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR46.D  
Sample Name : B22030586-001EMS  
Operator : MSC  
Date injected : 11 Mar 2022 8:33 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.839  
End Time : 16.498  
Vial Number : 46

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR47.D  
Sample Name : B22030586-001EMSD  
Operator : MSC  
Date injected : 11 Mar 2022 9:01 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840

End Time : 16.498  
Vial Number : 47

---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR48.D  
Sample Name : BLK  
Operator : MSC  
Date injected : 11 Mar 2022 9:28 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 48

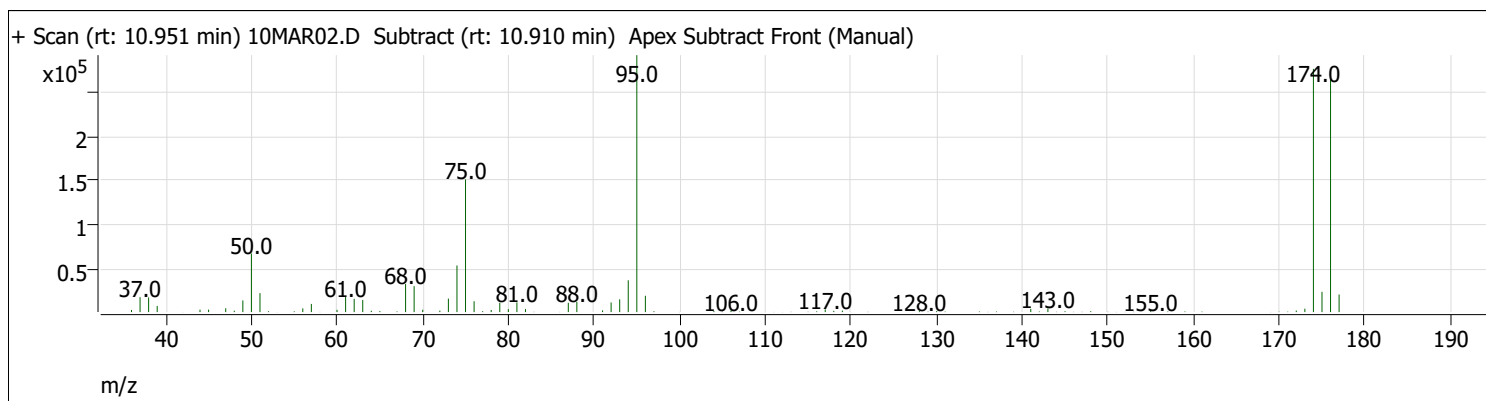
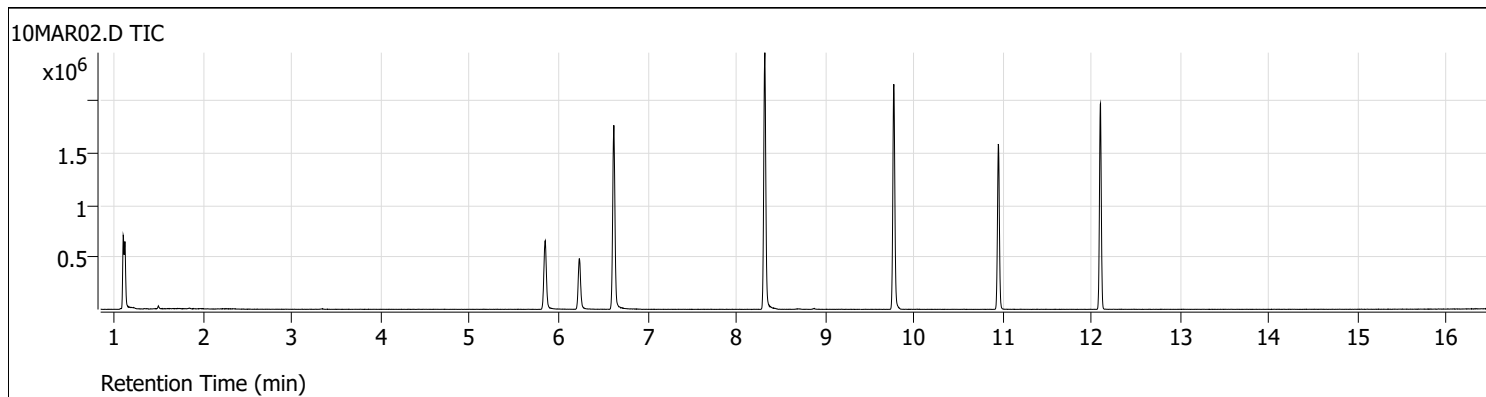
---

Data file Name : C:\MSDCHEM\1\DATA\VG031022\10MAR49.D  
Sample Name : CCV031022a\_Closing  
Operator : MSC  
Date injected : 11 Mar 2022 9:55 am  
Instrument : VOA5975C  
Method used : 5975CACQF  
No of spectra : 5616  
Start Time : 0.840  
End Time : 16.498  
Vial Number : 49

---

# Tune Evaluation Report

Data Path: D:\Org\Data\VOA5975C\VG031022\10MAR02.D  
 Acq on: 3/10/2022 11:48:04 AM  
 Operator: MSC  
 Sample: BFB031022\_  
 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	22.7	66688	Pass
75	95	30	60	51.6	151424	Pass
95	95	100	100	100.0	293312	Pass
96	95	5	9	6.4	18656	Pass
173	174	0	2	1.4	3898	Pass
174	95	50	100	94.7	277632	Pass
175	174	5	9	8.4	23184	Pass
176	174	95	101	96.5	267968	Pass
177	176	5	9	7.5	20072	Pass

# Continuing Calibration Report

**Batch Name** D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022\_8260B.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C\_030822\_CAL\VOA5975C\_8260B\_SHT\_DoD\_030822.m  
**Daily CC** D:\Org\Data\VOA5975C\VG031022\10MAR03.D

Level name	Injection Time	Calibration Files
1	3/8/2022 2:50:38 PM	D:\Org\Data\VOA5975C\VG030822\08MAR10.D
2	3/8/2022 3:17:58 PM	D:\Org\Data\VOA5975C\VG030822\08MAR11.D
3	3/8/2022 3:45:18 PM	D:\Org\Data\VOA5975C\VG030822\08MAR12.D
4	3/8/2022 4:12:46 PM	D:\Org\Data\VOA5975C\VG030822\08MAR13.D
5	3/8/2022 5:07:27 PM	D:\Org\Data\VOA5975C\VG030822\08MAR15.D
6	3/8/2022 6:02:07 PM	D:\Org\Data\VOA5975C\VG030822\08MAR17.D
7	3/8/2022 6:56:41 PM	D:\Org\Data\VOA5975C\VG030822\08MAR19.D
8	3/8/2022 7:51:28 PM	D:\Org\Data\VOA5975C\VG030822\08MAR21.D
CC	3/10/2022 12:23:30 PM	D:\Org\Data\VOA5975C\VG031022\10MAR03.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	1033865	1022931	977617	95.57	M
Chlorobenzene-d5	399257	391196	393537	100.60	M
1,4-Dichlorobenzene-d4	330462	332159	334645	100.75	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
-----ISTD-----							
Dichlorodifluoromethane	0.3610	0.3709	125.00	128.43	-2.75	96.00	Avg RF
Chloromethane	0.4185	0.4507	125.00	134.63	-7.71	102.41	Avg RF
Vinyl chloride	0.3780	0.3995	125.00	132.11	-5.69	100.71	Avg RF
Bromomethane	0.1680	0.1731	125.00	128.84	-3.07	99.24	Avg RF
Chloroethane	0.1999	0.1964	125.00	122.80	1.76	92.46	Avg RF
Trichlorofluoromethane	0.4769	0.4818	125.00	126.29	-1.03	98.34	Avg RF
1,1-Dichloroethene	0.2536	0.2672	125.00	131.69	-5.35	99.55	Avg RF
Methylene chloride	0.3852	0.3935	125.00	127.72	-2.17	99.52	Avg RF
trans-1,2-Dichloroethene	0.2641	0.2730	125.00	129.22	-3.38	95.98	Avg RF
Methyl tert-butyl ether (MTBE)	0.3290	0.3402	125.00	129.26	-3.41	101.92	Avg RF
1,1-Dichloroethane	0.5058	0.5316	125.00	131.38	-5.10	96.73	Avg RF
2,2-Dichloropropane	0.3898	0.3970	125.00	127.32	-1.86	93.63	Avg RF
cis-1,2-Dichloroethene	0.2670	0.2815	125.00	131.75	-5.40	98.64	Avg RF
Methyl ethyl ketone	0.0351	0.0371 #	1250.00	1320.62	-5.65	102.53	Avg RF
Bromochloromethane	0.1065	0.1175	125.00	137.94	-10.35	99.19	Avg RF
Chloroform	0.4956	0.5078	125.00	128.06	-2.45	97.01	Avg RF
1,1,1-Trichloroethane	0.4806	0.4776	125.00	124.23	0.62	92.14	Avg RF
Dibromofluoromethane	0.2540	0.2646	250.00	260.44	-4.18	192.88	Avg RF
Carbon tetrachloride	0.4744	0.4797	125.00	126.40	-1.12	91.61	Avg RF
1,1-Dichloropropene	0.3899	0.3968	125.00	127.19	-1.75	93.52	Avg RF
1,2-Dichloroethane-d4	0.1134	0.1180	250.00	260.25	-4.10	190.38	Avg RF
Benzene	1.0166	1.0640	125.00	130.84	-4.67	94.37	Avg RF
1,2-Dichloroethane	0.2747	0.2909	125.00	132.37	-5.90	102.43	Avg RF
-----ISTD-----							
Chlorobenzene-d5	0.7822	0.7928	125.00	126.70	-1.36	96.13	Avg RF
Trichloroethene	0.6815	0.6856	125.00	125.77	-0.61	98.11	Avg RF
1,2-Dichloropropane	0.2885	0.2867	125.00	124.21	0.63	99.86	Avg RF
Dibromomethane	0.8058	0.8259	125.00	128.11	-2.49	99.04	Avg RF
Bromodichloromethane	0.8779	0.8598	125.00	122.43	2.06	97.40	Avg RF
cis-1,3-Dichloropropene	0.9993	2.6314	250.00	246.77	1.29	194.19	Quadratic
Toluene-d8	1.6495	1.7214	125.00	130.45	-4.36	97.69	Avg RF
Toluene	0.6459	0.6689	125.00	129.45	-3.56	99.33	Avg RF
trans-1,3-Dichloropropene	0.3250	0.3369	125.00	129.58	-3.66	100.81	Avg RF
1,1,2-Trichloroethane	0.6986	0.6585	125.00	117.83	5.74	88.73	Avg RF

# Continuing Calibration Report

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6648	0.6666	125.00	125.34	-0.27	96.21	Avg RF
Chlorodibromomethane	0.5254	0.5182	125.00	123.30	1.36	97.46	Avg RF
1,2-Dibromoethane	0.3638	0.3655	125.00	125.60	-0.48	98.66	Avg RF
Chlorobenzene	1.8384	1.8512	125.00	125.87	-0.70	96.26	Avg RF
1,1,1,2-Tetrachloroethane	0.6435	0.6417	125.00	124.64	0.29	97.95	Avg RF
Ethylbenzene	0.9990	3.1922	125.00	123.59	1.12	95.47	Quadratic
m+p-Xylenes	0.9989	1.2806	250.00	249.69	0.12	95.02	Quadratic
o-Xylene	0.9992	1.0988	125.00	124.06	0.75	95.68	Quadratic
Styrene	0.9983	1.8704	125.00	126.56	-1.25	96.66	Quadratic
1,4-Dichlorobenzene-d4	-----ISTD-----						
Bromoform	0.3367	0.3410	125.00	126.58	-1.26	101.72	Avg RF
p-Bromofluorobenzene	0.9218	0.9588	250.00	260.04	-4.02	197.21	Avg RF
Bromobenzene	0.8308	0.8479	125.00	127.56	-2.05	98.88	Avg RF
1,1,2,2-Tetrachloroethane	0.4732	0.4781	125.00	126.29	-1.03	100.21	Avg RF
1,2,3-Trichloropropane	0.1257	0.1219	125.00	121.22	3.02	101.25	Avg RF
2-Chlorotoluene	0.8270	0.8373	125.00	126.56	-1.25	94.95	Avg RF
4-Chlorotoluene	2.7053	2.8230	125.00	130.44	-4.35	96.78	Avg RF
1,3-Dichlorobenzene	1.4835	1.5512	125.00	130.70	-4.56	97.81	Avg RF
1,4-Dichlorobenzene	1.5493	1.5252	125.00	123.06	1.55	94.35	Avg RF
1,2-Dichlorobenzene	1.2570	1.2474	125.00	124.05	0.76	96.86	Avg RF

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

# Continuing Calibration Report

**Batch Name** D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022\_8260B.batch.bin  
**Method File** \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C\_030822\_CAL\VOA5975C\_8260B\_SHT\_DoD\_030822.m  
**Daily CC** D:\Org\Data\VOA5975C\VG031022\10MAR24.D

Level name	Injection Time	Calibration Files
1	3/8/2022 2:50:38 PM	D:\Org\Data\VOA5975C\VG030822\08MAR10.D
2	3/8/2022 3:17:58 PM	D:\Org\Data\VOA5975C\VG030822\08MAR11.D
3	3/8/2022 3:45:18 PM	D:\Org\Data\VOA5975C\VG030822\08MAR12.D
4	3/8/2022 4:12:46 PM	D:\Org\Data\VOA5975C\VG030822\08MAR13.D
5	3/8/2022 5:07:27 PM	D:\Org\Data\VOA5975C\VG030822\08MAR15.D
6	3/8/2022 6:02:07 PM	D:\Org\Data\VOA5975C\VG030822\08MAR17.D
7	3/8/2022 6:56:41 PM	D:\Org\Data\VOA5975C\VG030822\08MAR19.D
8	3/8/2022 7:51:28 PM	D:\Org\Data\VOA5975C\VG030822\08MAR21.D
CC	3/10/2022 10:34:56 PM	D:\Org\Data\VOA5975C\VG031022\10MAR24.D <=====

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Fluorobenzene	1033865	1022931	1020428	99.76	M
Chlorobenzene-d5	399257	391196	392714	100.39	M
1,4-Dichlorobenzene-d4	330462	332159	338445	101.89	M

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
-----ISTD-----							
Dichlorodifluoromethane	0.3610	0.3647	125.00	126.26	-1.01	98.51	Avg RF
Chloromethane	0.4185	0.4178	125.00	124.79	0.16	99.08	Avg RF
Vinyl chloride	0.3780	0.3782	125.00	125.07	-0.06	99.52	Avg RF
Bromomethane	0.1680	0.1312	125.00	97.62	21.90	78.49	Avg RF
Chloroethane	0.1999	0.1999	125.00	124.99	0.01	98.23	Avg RF
Trichlorofluoromethane	0.4769	0.4763	125.00	124.85	0.12	101.47	Avg RF
1,1-Dichloroethene	0.2536	0.2635	125.00	129.83	-3.86	102.44	Avg RF
Methylene chloride	0.3852	0.3703	125.00	120.18	3.86	97.74	Avg RF
trans-1,2-Dichloroethene	0.2641	0.2623	125.00	124.19	0.65	96.29	Avg RF
Methyl tert-butyl ether (MTBE)	0.3290	0.3235	125.00	122.91	1.67	101.16	Avg RF
1,1-Dichloroethane	0.5058	0.5097	125.00	125.97	-0.77	96.80	Avg RF
2,2-Dichloropropane	0.3898	0.3646	125.00	116.92	6.47	89.74	Avg RF
cis-1,2-Dichloroethene	0.2670	0.2650	125.00	124.06	0.75	96.95	Avg RF
Methyl ethyl ketone	0.0351	0.0348 #	1250.00	1240.74	0.74	100.55	Avg RF
Bromochloromethane	0.1065	0.1094	125.00	128.38	-2.71	96.36	Avg RF
Chloroform	0.4956	0.4963	125.00	125.17	-0.13	98.97	Avg RF
1,1,1-Trichloroethane	0.4806	0.4807	125.00	125.04	-0.03	96.81	Avg RF
Dibromofluoromethane	0.2540	0.2583	250.00	254.23	-1.69	196.53	Avg RF
Carbon tetrachloride	0.4744	0.4794	125.00	126.32	-1.05	95.55	Avg RF
1,1-Dichloropropene	0.3899	0.3911	125.00	125.37	-0.30	96.23	Avg RF
1,2-Dichloroethane-d4	0.1134	0.1173	250.00	258.52	-3.41	197.39	Avg RF
Benzene	1.0166	1.0451	125.00	128.51	-2.80	96.75	Avg RF
1,2-Dichloroethane	0.2747	0.2829	125.00	128.74	-2.99	103.99	Avg RF
-----ISTD-----							
Chlorobenzene-d5							
Trichloroethene	0.7822	0.8003	125.00	127.90	-2.32	96.84	Avg RF
1,2-Dichloropropane	0.6815	0.6842	125.00	125.50	-0.40	97.70	Avg RF
Dibromomethane	0.2885	0.2897	125.00	125.51	-0.41	100.69	Avg RF
Bromodichloromethane	0.8058	0.7984	125.00	123.86	0.91	95.55	Avg RF
cis-1,3-Dichloropropene	0.8779	0.8462	125.00	120.49	3.61	95.66	Avg RF
Toluene-d8	0.9993	2.7183	250.00	254.87	-1.95	200.18	Quadratic
Toluene	1.6495	1.7277	125.00	130.93	-4.74	97.84	Avg RF
trans-1,3-Dichloropropene	0.6459	0.6493	125.00	125.66	-0.52	96.22	Avg RF
1,1,2-Trichloroethane	0.3250	0.3220	125.00	123.84	0.93	96.14	Avg RF
Tetrachloroethene	0.6986	0.6988	125.00	125.04	-0.03	93.96	Avg RF

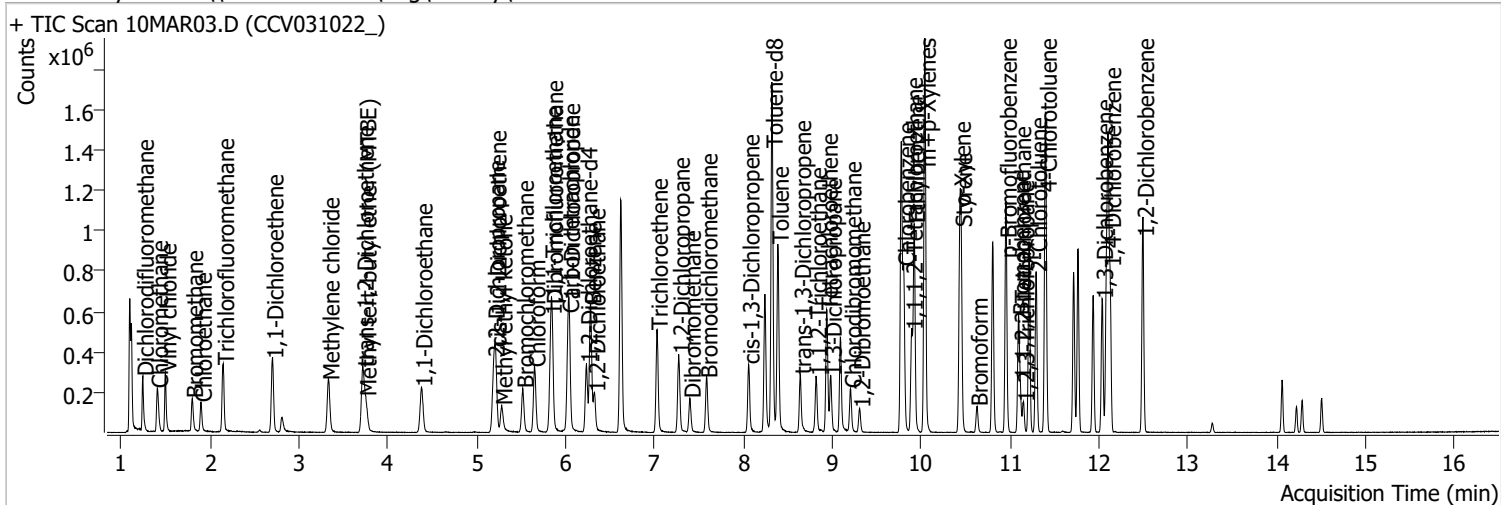
# Continuing Calibration Report

Target Compound	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
1,3-Dichloropropane	0.6648	0.6713	125.00	126.23	-0.98	96.69	Avg RF
Chlorodibromomethane	0.5254	0.5301	125.00	126.12	-0.90	99.48	Avg RF
1,2-Dibromoethane	0.3638	0.3613	125.00	124.17	0.67	97.32	Avg RF
Chlorobenzene	1.8384	1.8549	125.00	126.12	-0.90	96.25	Avg RF
1,1,1,2-Tetrachloroethane	0.6435	0.6571	125.00	127.63	-2.10	100.08	Avg RF
Ethylbenzene	0.9990	3.2222	125.00	124.72	0.22	96.16	Quadratic
m+p-Xylenes	0.9989	1.2884	250.00	251.17	-0.47	95.39	Quadratic
o-Xylene	0.9992	1.1215	125.00	126.55	-1.24	97.46	Quadratic
Styrene	0.9983	1.8808	125.00	127.24	-1.79	97.00	Quadratic
1,4-Dichlorobenzene-d4	-----ISTD-----						
Bromoform	0.3367	0.3260	125.00	121.02	3.18	98.36	Avg RF
p-Bromofluorobenzene	0.9218	0.9465	250.00	256.70	-2.68	196.89	Avg RF
Bromobenzene	0.8308	0.8218	125.00	123.64	1.09	96.93	Avg RF
1,1,2,2-Tetrachloroethane	0.4732	0.4740	125.00	125.22	-0.18	100.49	Avg RF
1,2,3-Trichloropropane	0.1257	0.1177	125.00	117.08	6.33	98.90	Avg RF
2-Chlorotoluene	0.8270	0.8397	125.00	126.93	-1.54	96.30	Avg RF
4-Chlorotoluene	2.7053	2.8295	125.00	130.74	-4.59	98.10	Avg RF
1,3-Dichlorobenzene	1.4835	1.5088	125.00	127.13	-1.71	96.22	Avg RF
1,4-Dichlorobenzene	1.5493	1.5510	125.00	125.14	-0.11	97.03	Avg RF
1,2-Dichlorobenzene	1.2570	1.2512	125.00	124.43	0.46	98.26	Avg RF

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

# Quantitation Results Report (QT Reviewed)

Data File	10MAR03.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 12:23:30 PM
Sample Name	CCV031022_	Instrument	VOA5975C
Vial	3	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.618	96.0	977617	250.0000	ng	-0.003
M Chlorobenzene-d5	9.772	82.0	393537	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	334645	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	258704	260.4388	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%		Recovery = 104.18%			
S 1,2-Dichloroethane-d4	6.233	67.0	115392	260.2482	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%		Recovery = 104.10%			
S Toluene-d8	8.319	98.0	1035567	246.7688	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%		Recovery = 98.71%			
S p-Bromofluorobenzene	10.951	95.0	320872	260.0379	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%		Recovery = 104.02%			
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	181314	128.4326	ng	99
T Chloromethane	1.406	50.0	220316	134.6322	ng	99
T Vinyl chloride	1.498	62.0	195293	132.1100	ng	100
T Bromomethane	1.799	96.0	84635	128.8390	ng	99
T Chloroethane	1.897	64.0	96011	122.8004	ng	100
T Trichlorofluoromethane	2.145	101.0	235531	126.2919	ng	98
T 1,1-Dichloroethene	2.700	96.0	130621	131.6895	ng	98
T Methylene chloride	3.333	49.0	192364	127.7184	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	133434	129.2200	ng	100
T Methyl tert-butyl ether (MTBE)	3.748	73.0	166308	129.2648	ng	98
T 1,1-Dichloroethane	4.378	63.0	259847	131.3795	ng	97
T 2,2-Dichloropropane	5.190	77.0	194078	127.3208	ng	99
T cis-1,2-Dichloroethene	5.209	96.0	137578	131.7480	ng	99
T Methyl ethyl ketone	5.279	43.0	181260	1320.6212	ng	99
T Bromochloromethane	5.516	128.0	57431	137.9433	ng	97
T Chloroform	5.650	83.0	248199	128.0613	ng	97

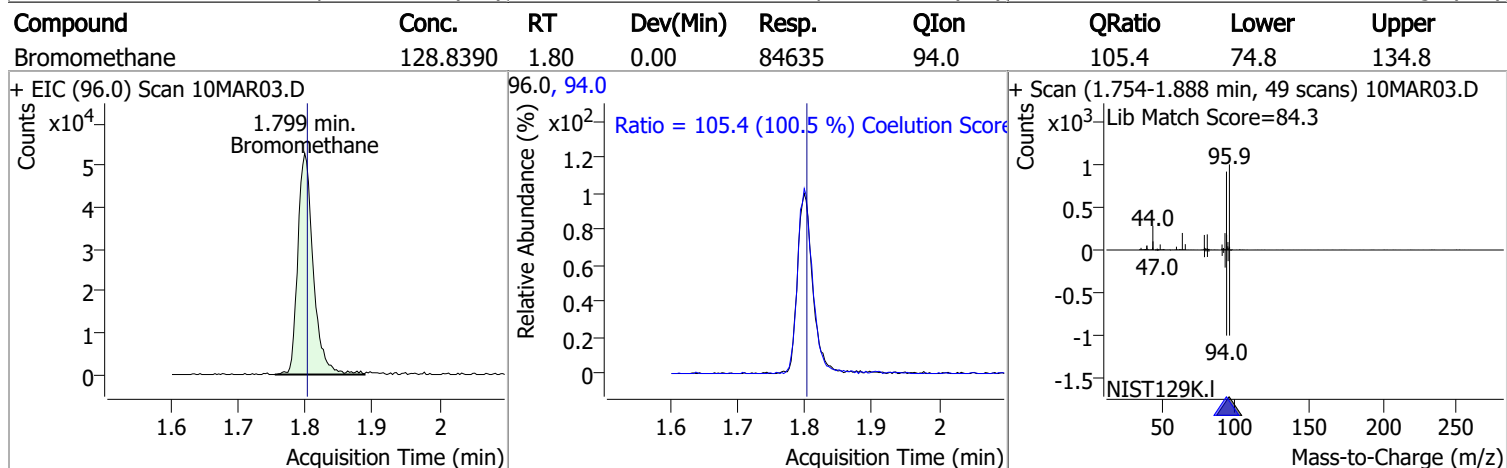
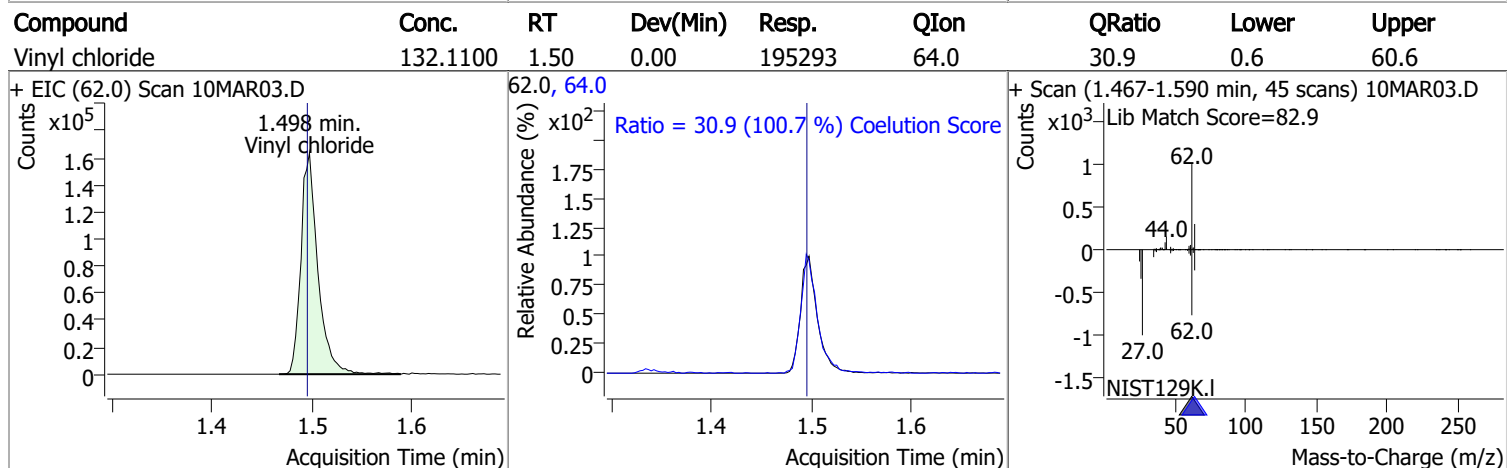
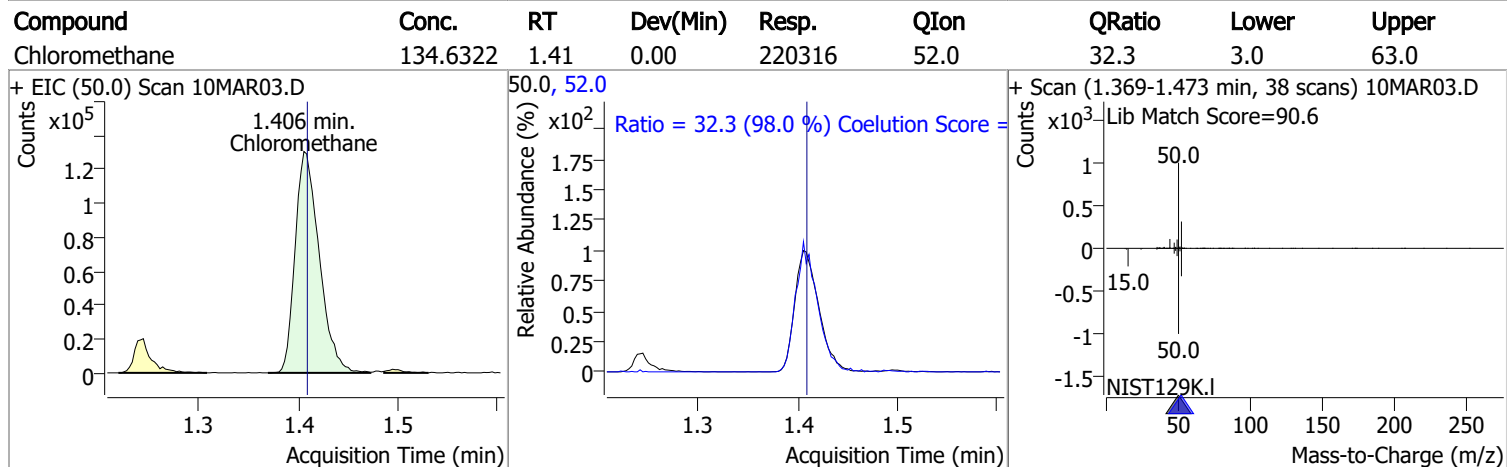
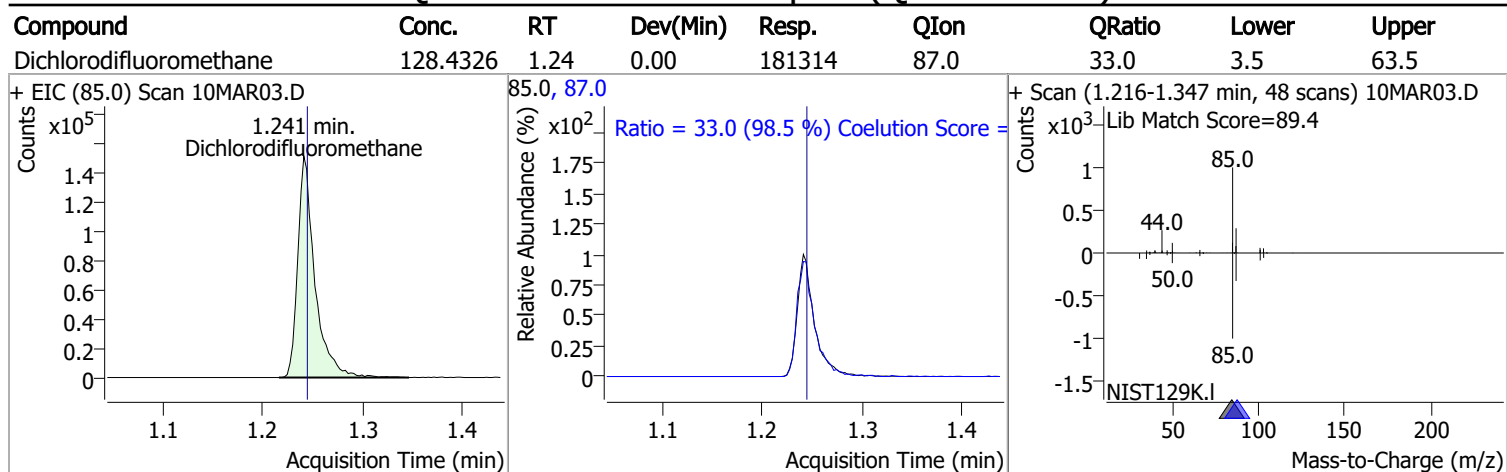


# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	233449	124.2265	ng	99
T Carbon tetrachloride	6.026	117.0	234488	126.4036	ng	99
T 1,1-Dichloropropene	6.038	75.0	193939	127.1857	ng	99
T Benzene	6.277	78.0	520112	130.8362	ng	99
T 1,2-Dichloroethane	6.322	62.0	142198	132.3714	ng	98
T Trichloroethene	7.025	95.0	155996	126.6996	ng	98
T 1,2-Dichloropropane	7.270	63.0	134911	125.7653	ng	100
T Dibromomethane	7.396	93.0	56416	124.2146	ng	99
T Bromodichloromethane	7.583	83.0	162504	128.1149	ng	98
T cis-1,3-Dichloropropene	8.057	75.0	169181	122.4277	ng	99
T Toluene	8.386	92.0	338721	130.4519	ng	100
T trans-1,3-Dichloropropene	8.637	75.0	131616	129.4487	ng	99
T 1,1,2-Trichloroethane	8.815	83.0	66289	129.5765	ng	99
T Tetrachloroethene	8.938	163.8	129570	117.8311	ng	98
T 1,3-Dichloropropane	8.982	76.0	131159	125.3355	ng	97
T Chlorodibromomethane	9.203	129.0	101974	123.2981	ng	94
T 1,2-Dibromoethane	9.306	107.0	71925	125.6046	ng	97
T Chlorobenzene	9.802	112.0	364253	125.8710	ng	98
T 1,1,1,2-Tetrachloroethane	9.894	131.0	126262	124.6420	ng	99
T Ethylbenzene	9.919	91.0	628134	123.5945	ng	100
T m+p-Xylenes	10.039	106.0	503959	249.6945	ng	100
T o-Xylene	10.433	106.0	216205	124.0622	ng	98
T Styrene	10.449	104.0	368034	126.5590	ng	99
T Bromoform	10.625	172.5	57052	126.5779	ng	98
T Bromobenzene	11.093	156.0	141867	127.5607	ng	100
T 1,1,2,2-Tetrachloroethane	11.113	83.0	79995	126.2921	ng	99
T 1,2,3-Trichloropropane	11.149	110.0	20394	121.2237	ng	98
T 2-Chlorotoluene	11.291	126.0	140094	126.5565	ng	99
T 4-Chlorotoluene	11.400	91.0	472353	130.4391	ng	100
T 1,3-Dichlorobenzene	12.033	146.0	259549	130.7050	ng	98
T 1,4-Dichlorobenzene	12.122	146.0	255205	123.0593	ng	98
T 1,2-Dichlorobenzene	12.496	146.0	208720	124.0472	ng	98

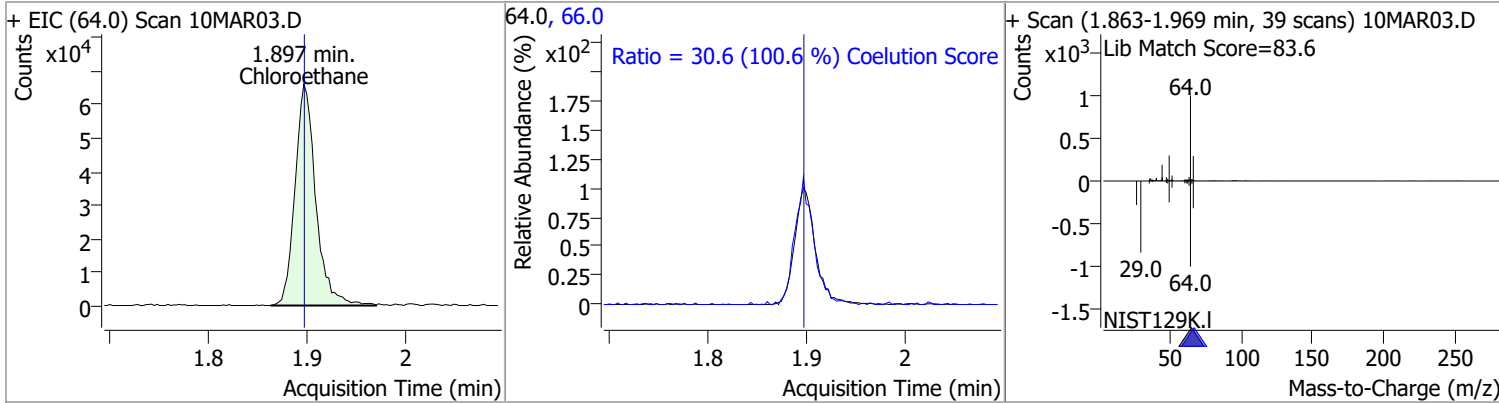
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

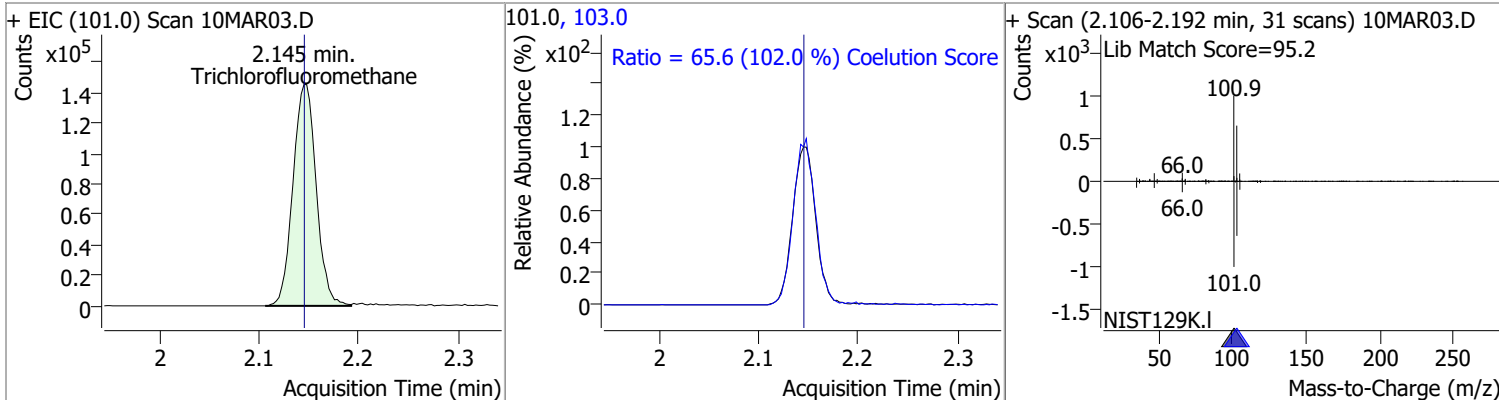


# Quantitation Results Report (QT Reviewed)

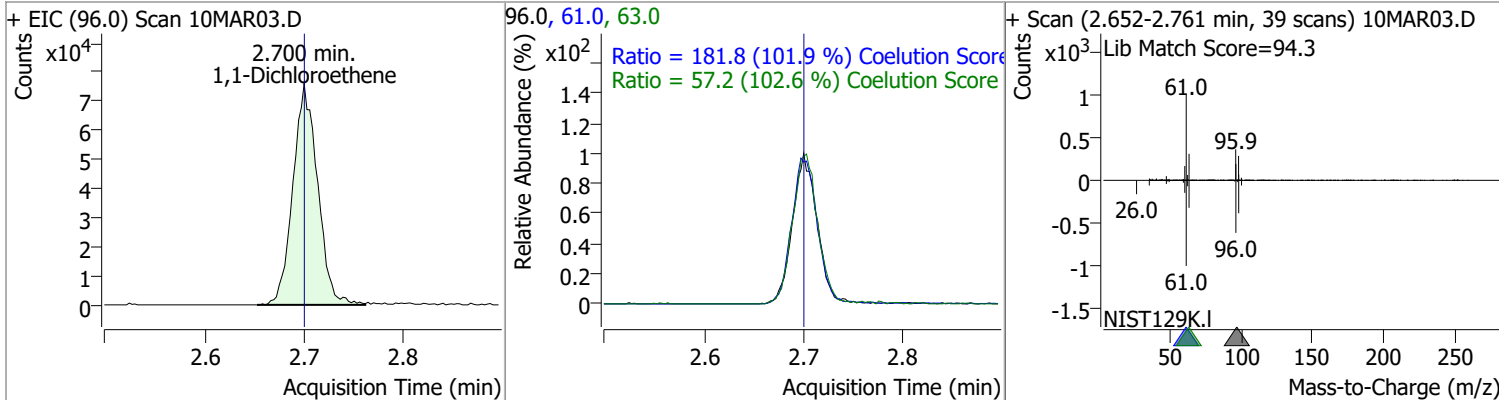
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	122.8004	1.90	0.00	96011	66.0	30.6	0.4	60.4



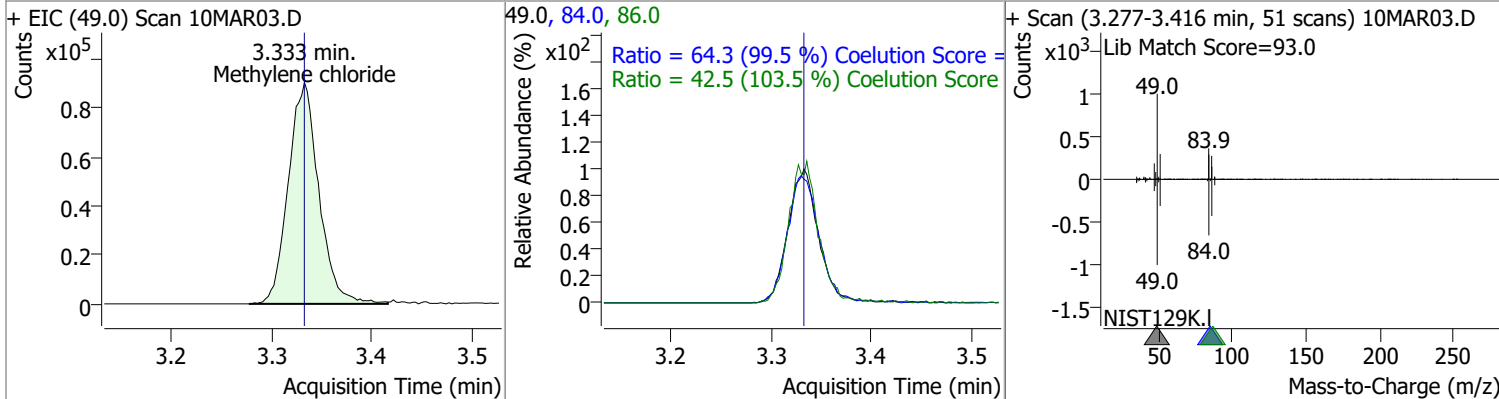
Trichlorofluoromethane	126.2919	2.14	0.00	235531	103.0	65.6	34.3	94.3
------------------------	----------	------	------	--------	-------	------	------	------



1,1-Dichloroethene	131.6895	2.70	0.00	130621	61.0	181.8	148.4	208.4
					63.0	57.2	25.7	85.7

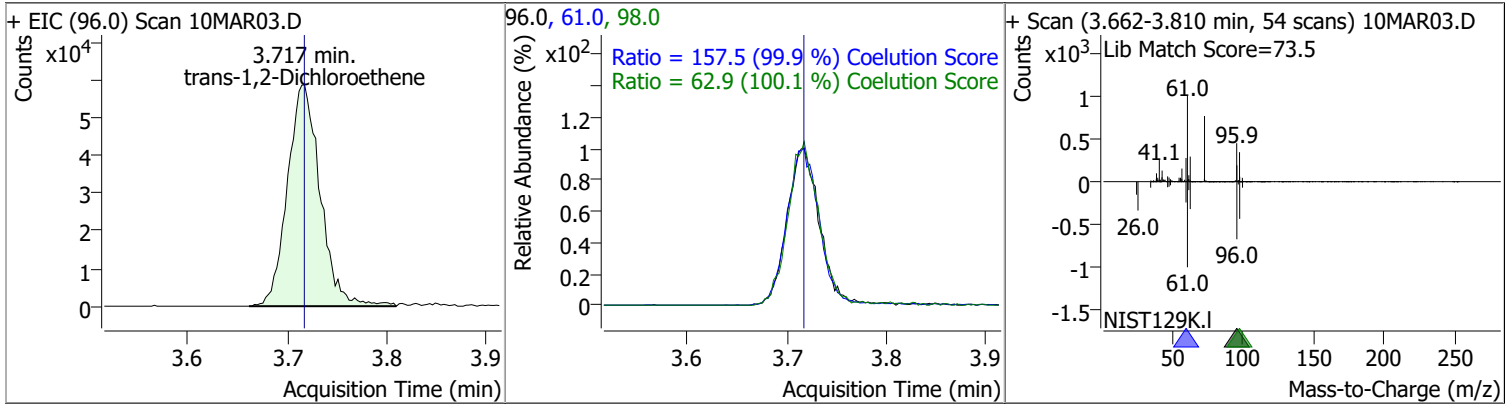


Methylene chloride	127.7184	3.33	0.00	192364	84.0	64.3	34.7	94.7
					86.0	42.5	11.1	71.1

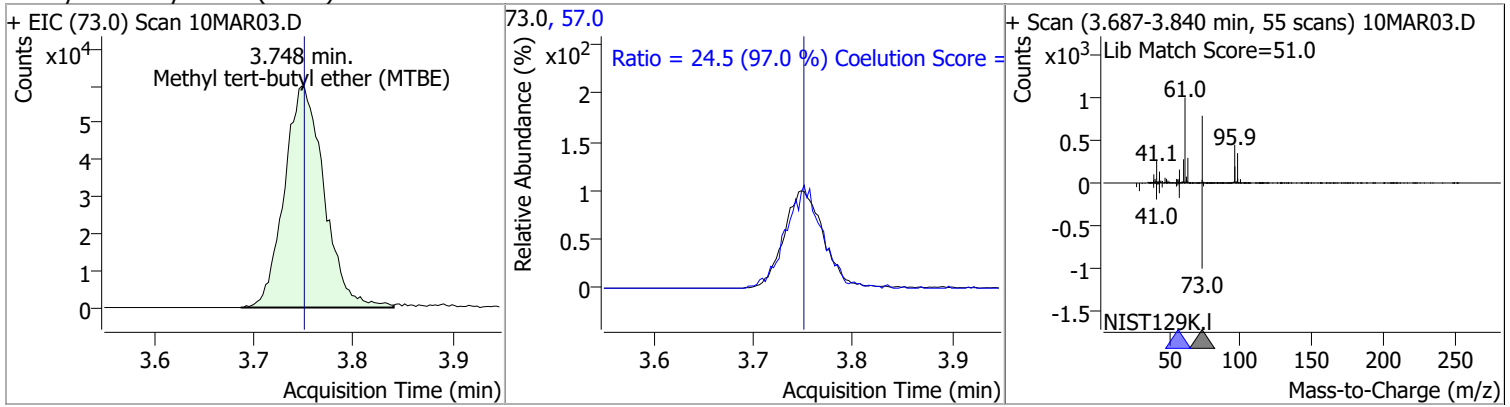


# Quantitation Results Report (QT Reviewed)

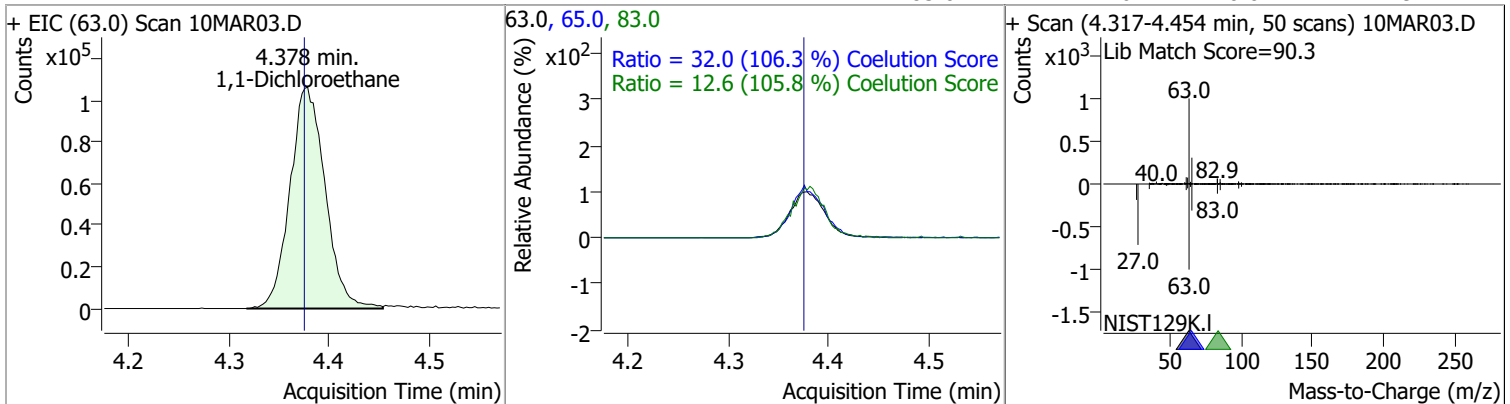
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	129.2200	3.72	0.00	133434	61.0	157.5	127.7	187.7
					98.0	62.9	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	129.2648	3.75	0.00	166308	57.0	24.5	0.0	55.3

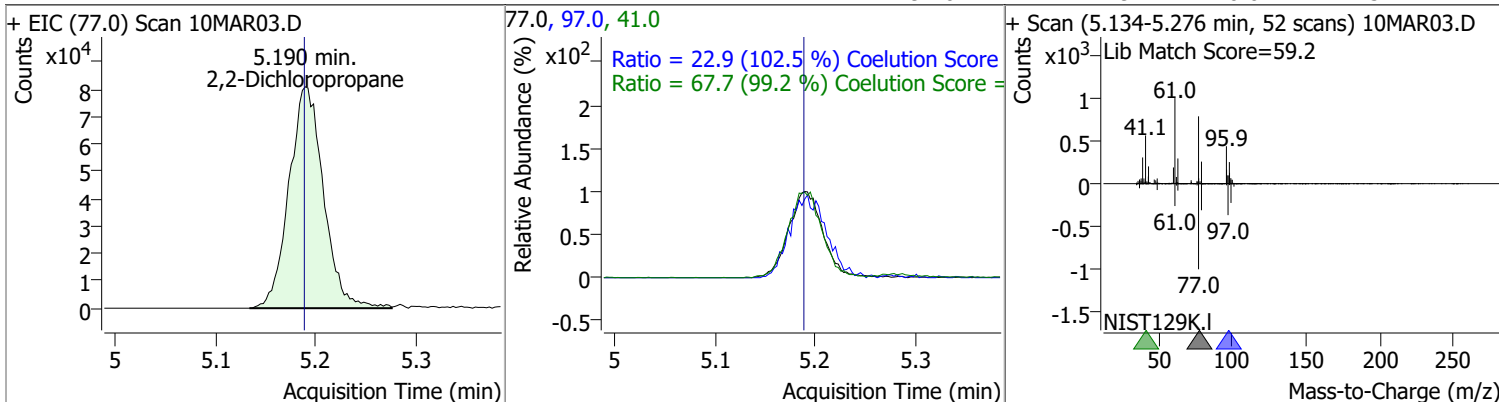


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	131.3795	4.38	0.00	259847	65.0	32.0	0.1	60.1
					83.0	12.6	0.0	41.9

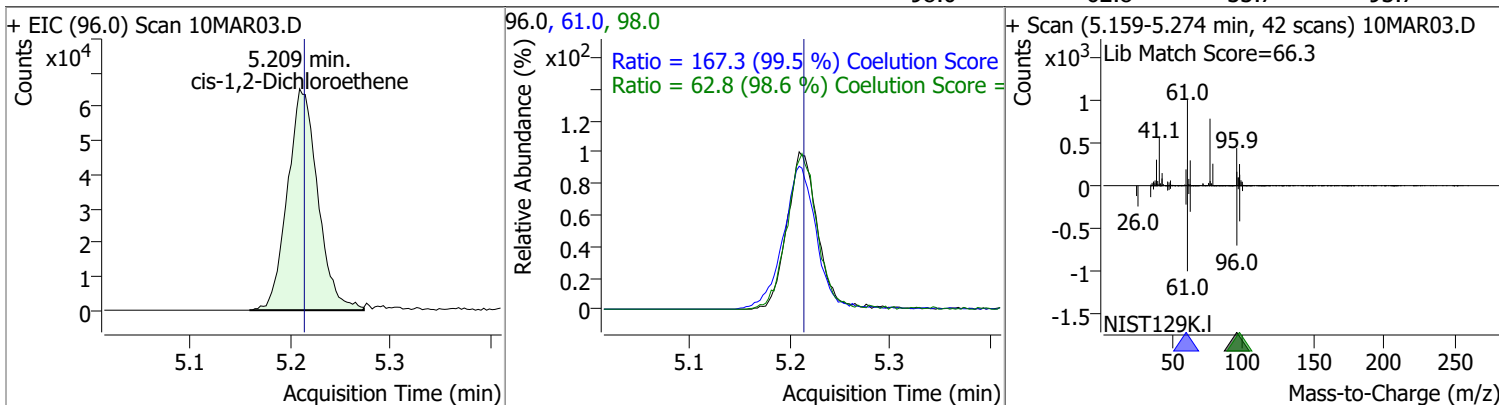


# Quantitation Results Report (QT Reviewed)

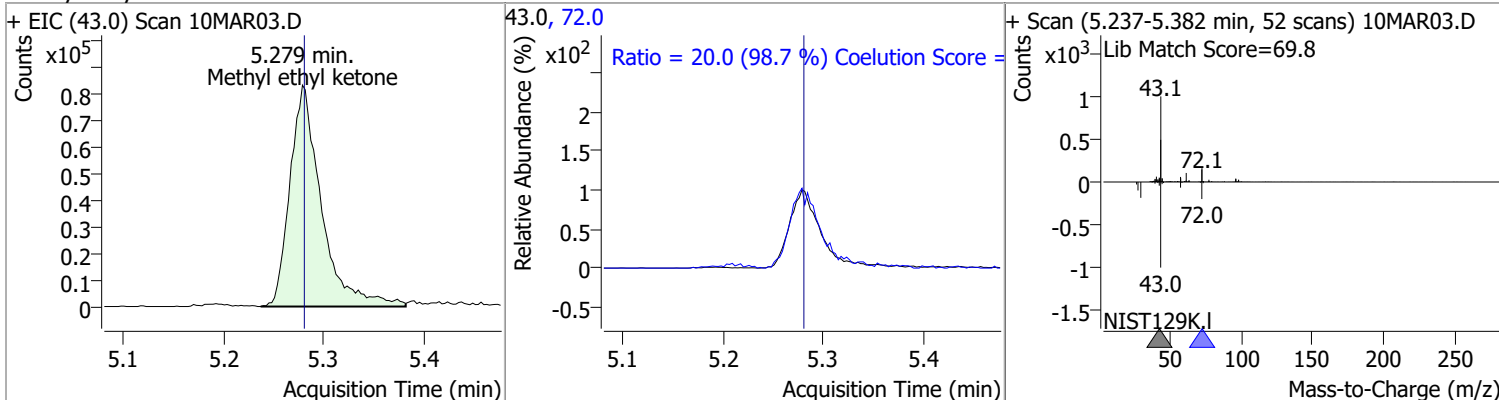
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	127.3208	5.19	0.00	194078	41.0	67.7	38.2	98.2
					97.0	22.9	0.0	52.4



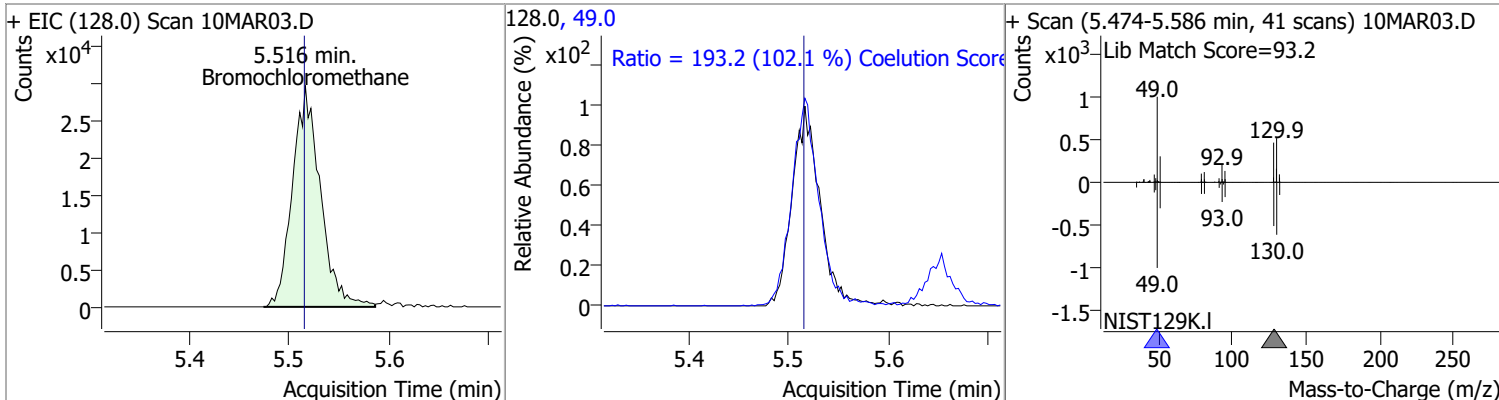
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	131.7480	5.21	-0.01	137578	61.0	167.3	138.1	198.1
					98.0	62.8	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1320.6212	5.28	0.00	181260	72.0	20.0	0.0	50.3

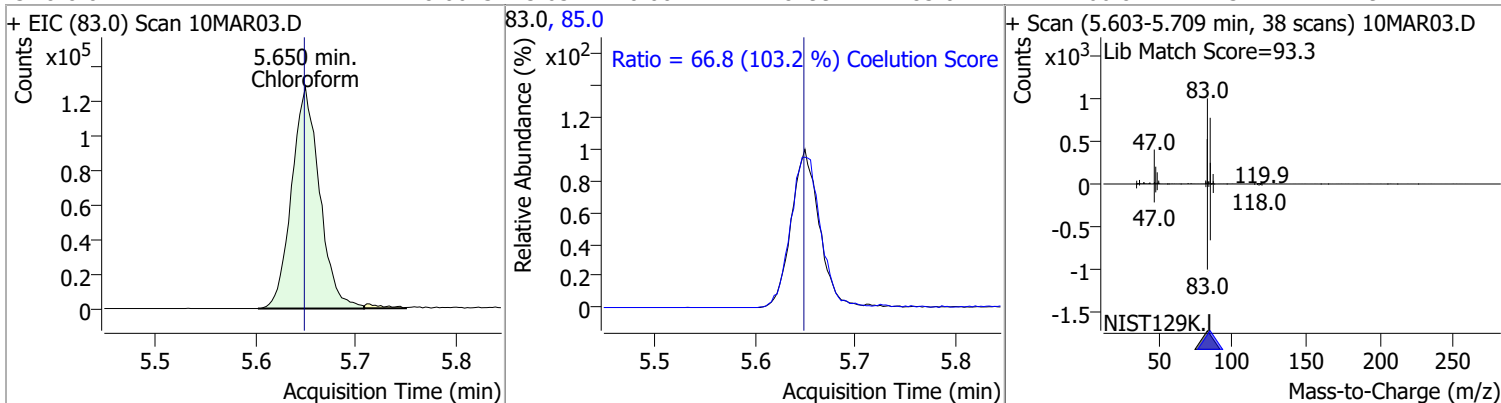


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	137.9433	5.52	0.00	57431	49.0	193.2	159.1	219.1

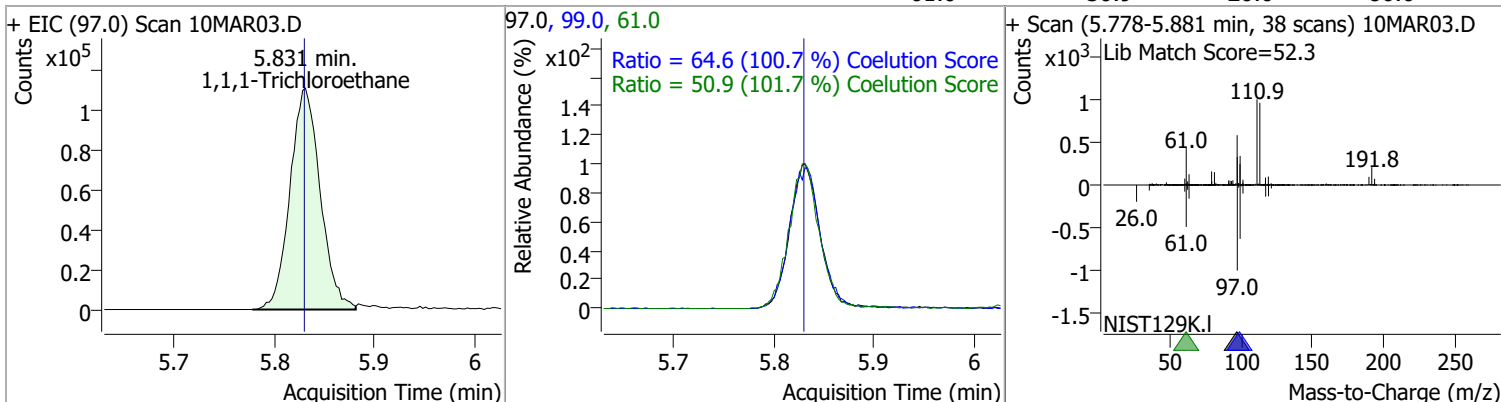


# Quantitation Results Report (QT Reviewed)

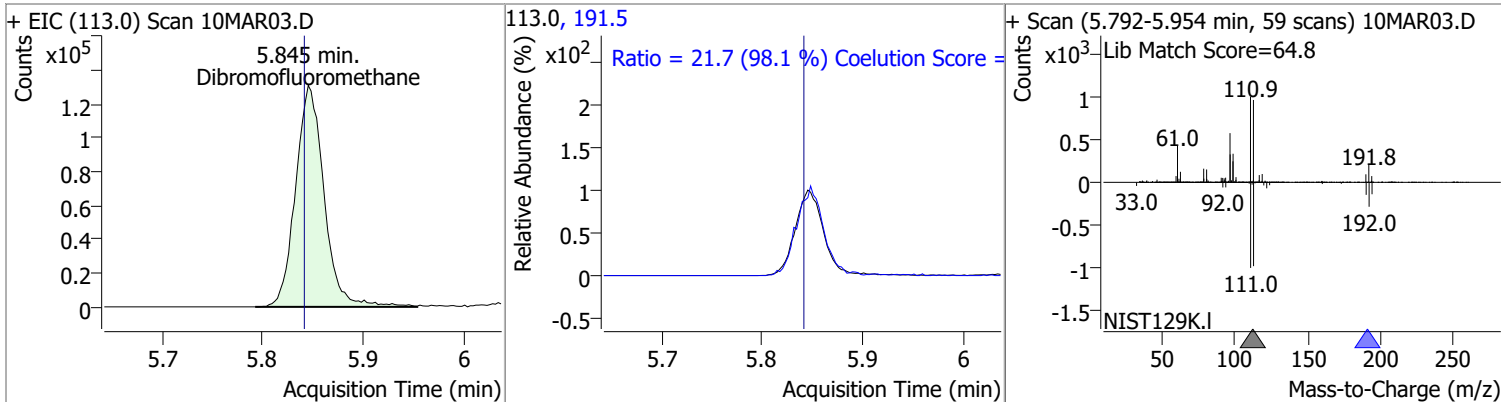
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	128.0613	5.65	0.00	248199	85.0	66.8	34.7	94.7



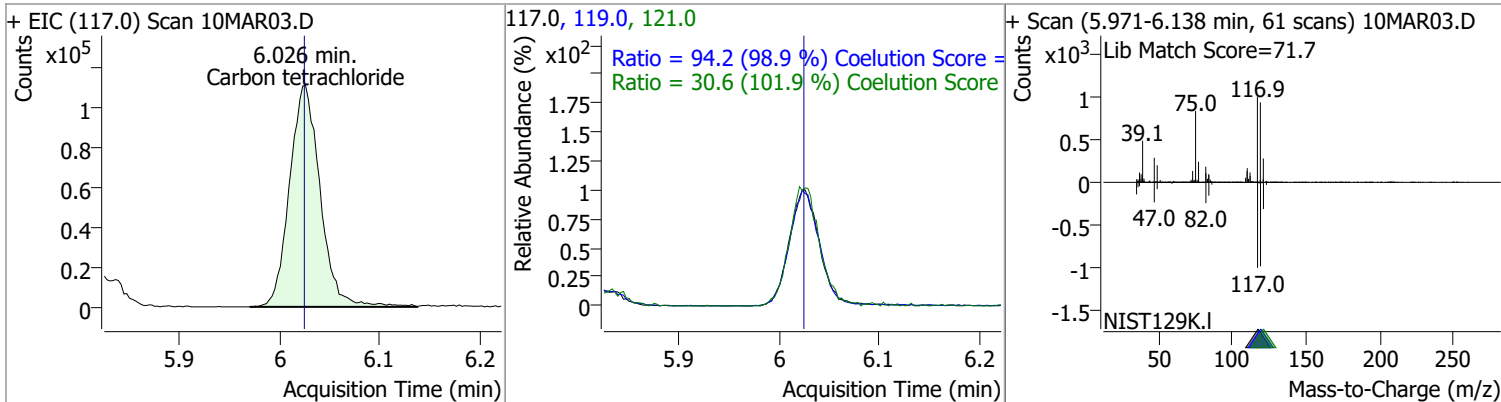
1,1,1-Trichloroethane	124.2265	5.83	0.00	233449	99.0	64.6	34.2	94.2
					61.0	50.9	20.0	80.0



Dibromofluoromethane	260.4388	5.85	0.00	258704	191.5	21.7	0.0	52.2
----------------------	----------	------	------	--------	-------	------	-----	------

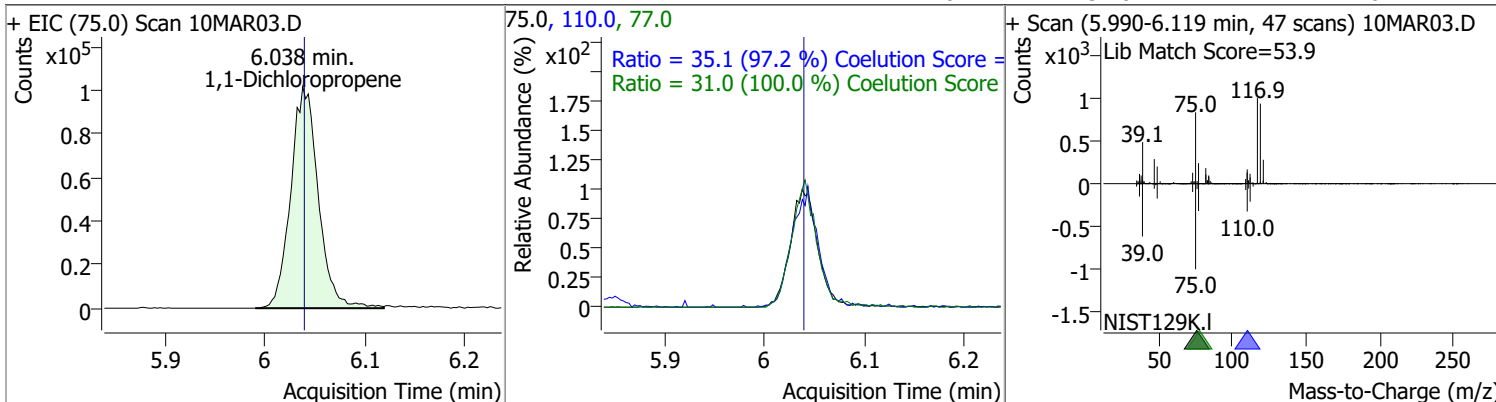


Carbon tetrachloride	126.4036	6.03	0.00	234488	119.0	94.2	65.3	125.3
					121.0	30.6	0.1	60.1

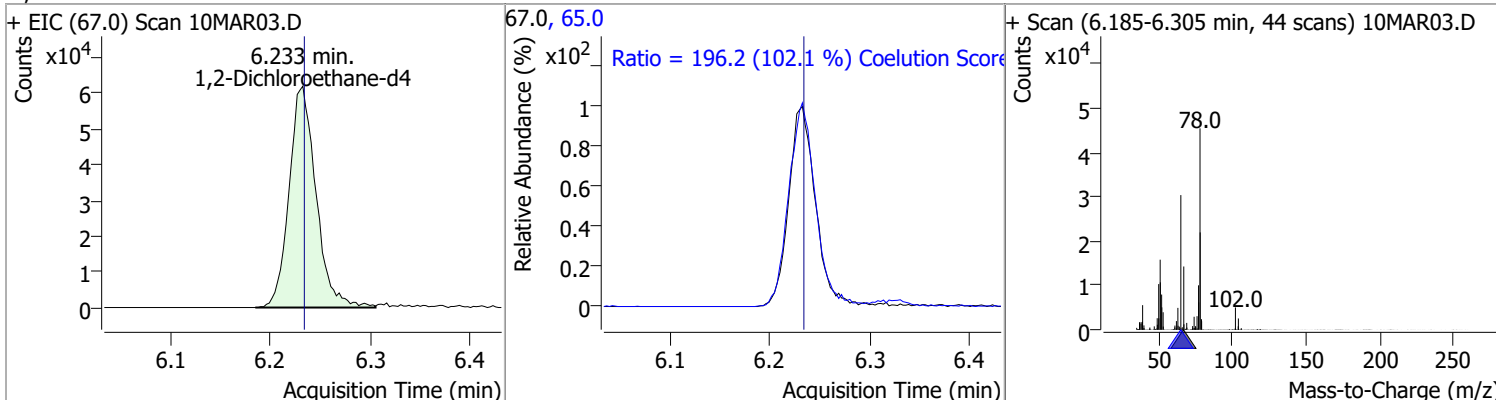


# Quantitation Results Report (QT Reviewed)

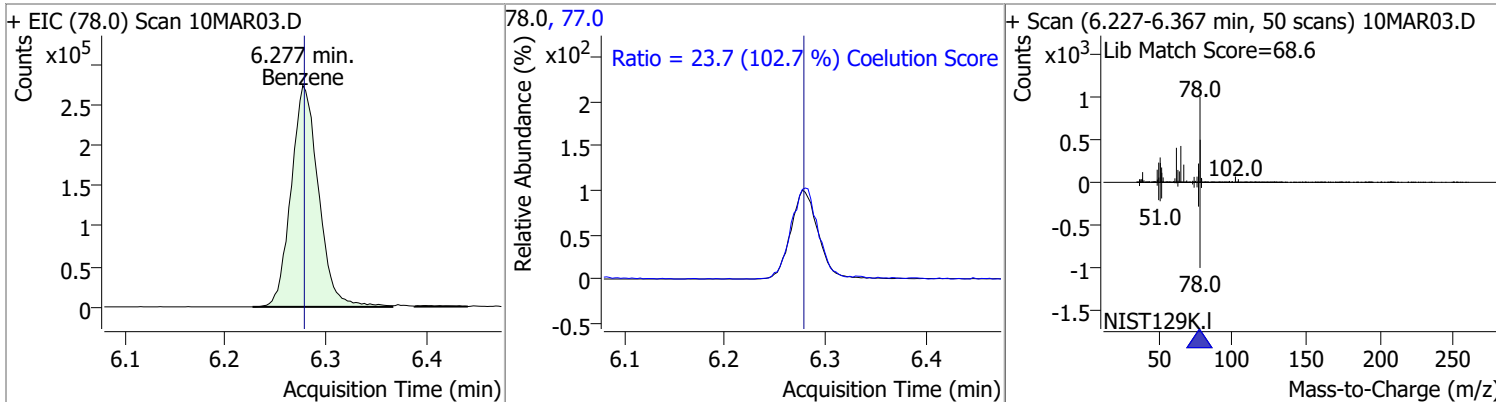
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	127.1857	6.04	0.00	193939	110.0	35.1	6.1	66.1
					77.0	31.0	1.1	61.1



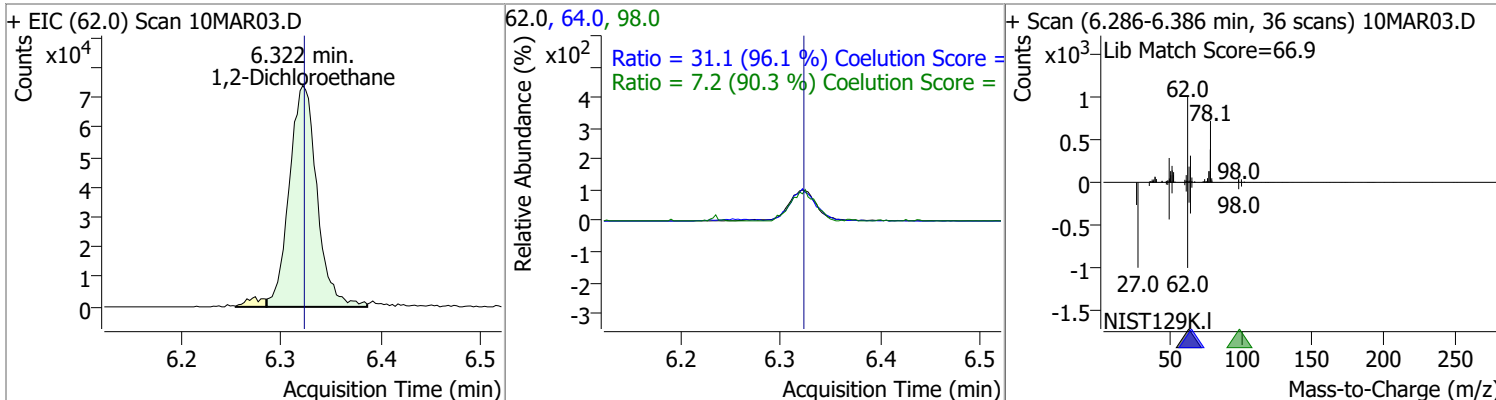
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	260.2482	6.23	0.00	115392	65.0	196.2	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	130.8362	6.28	0.00	520112	77.0	23.7	0.0	53.0

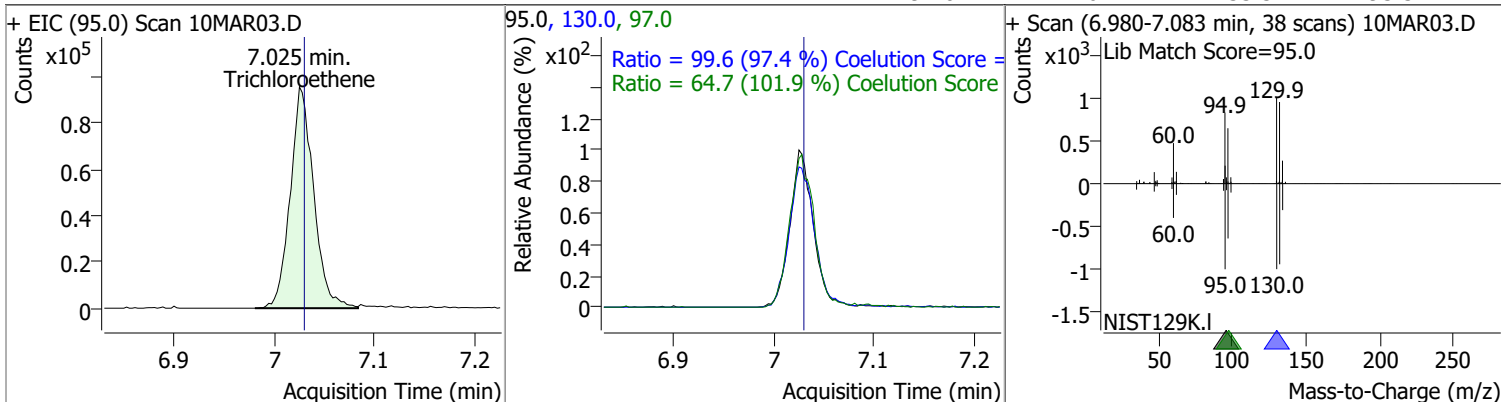


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	132.3714	6.32	0.00	142198	64.0	31.1	2.3	62.3
					98.0	7.2	0.0	38.0

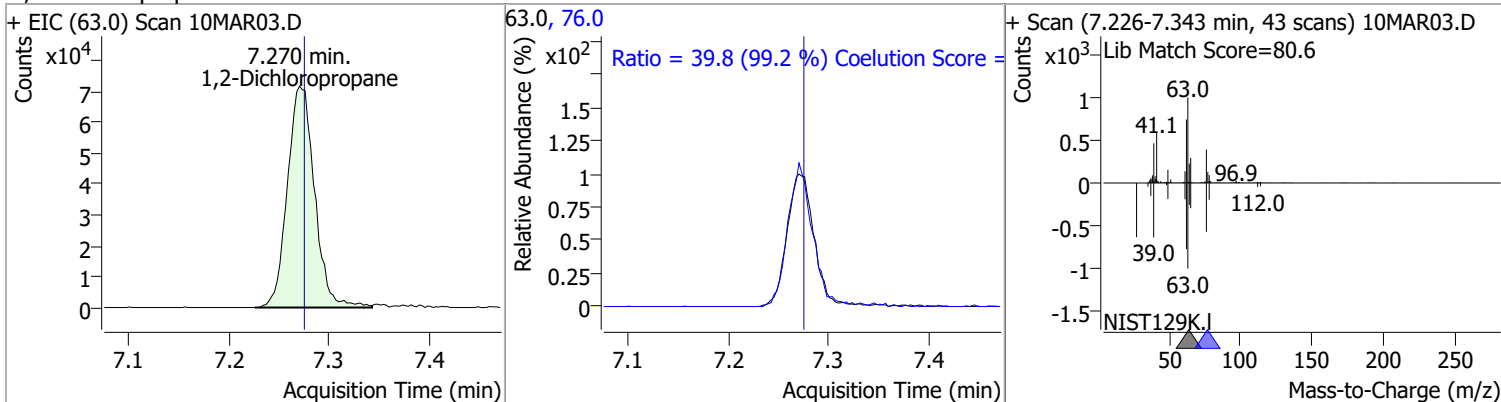


# Quantitation Results Report (QT Reviewed)

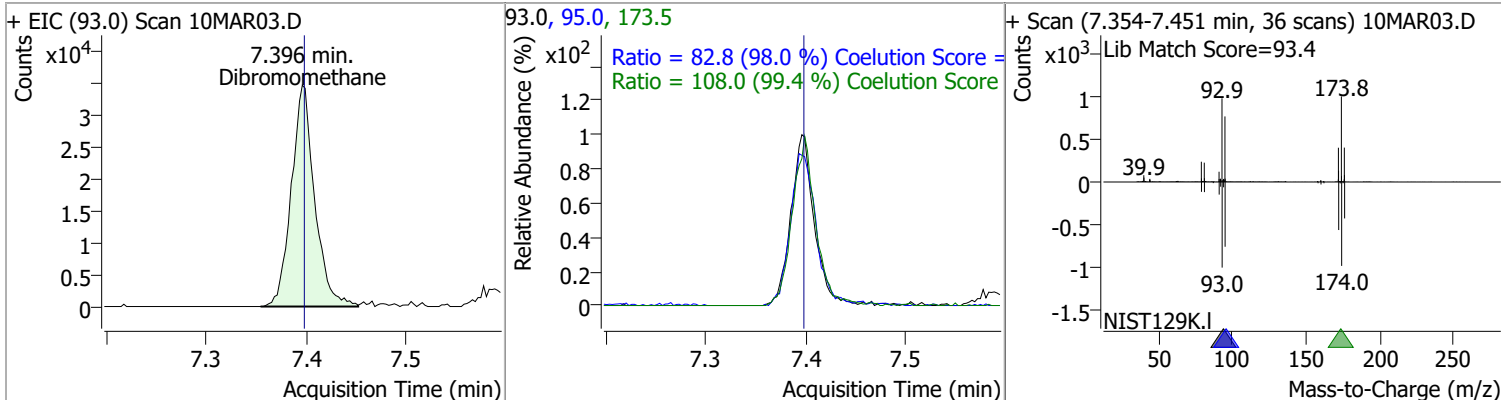
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	126.6996	7.02	-0.01	155996	130.0	99.6	72.3	132.3
					97.0	64.7	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	125.7653	7.27	-0.01	134911	76.0	39.8	10.1	70.1



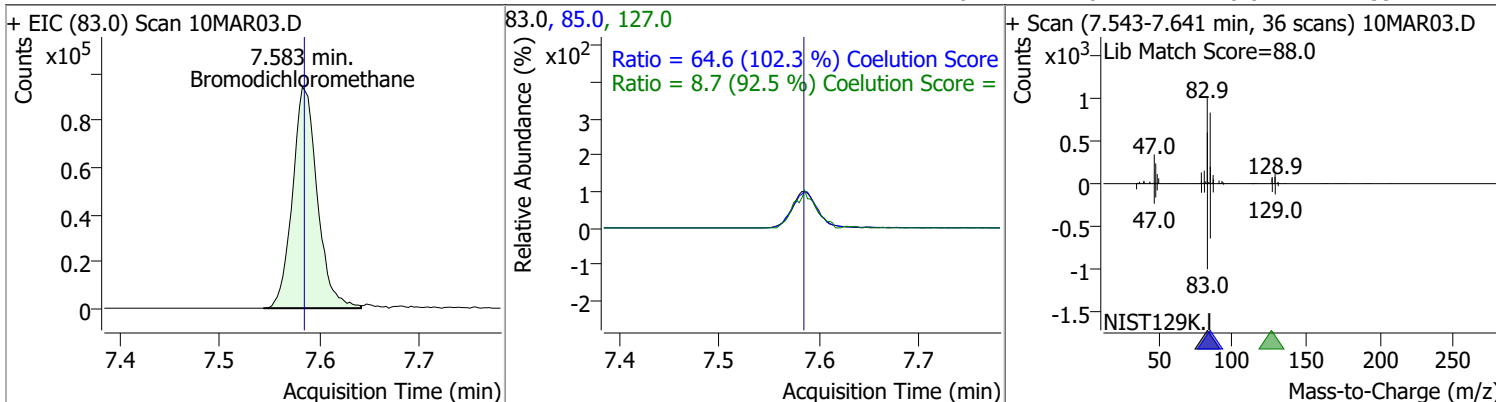
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	124.2146	7.40	0.00	56416	173.5	108.0	78.6	138.6
					95.0	82.8	54.5	114.5



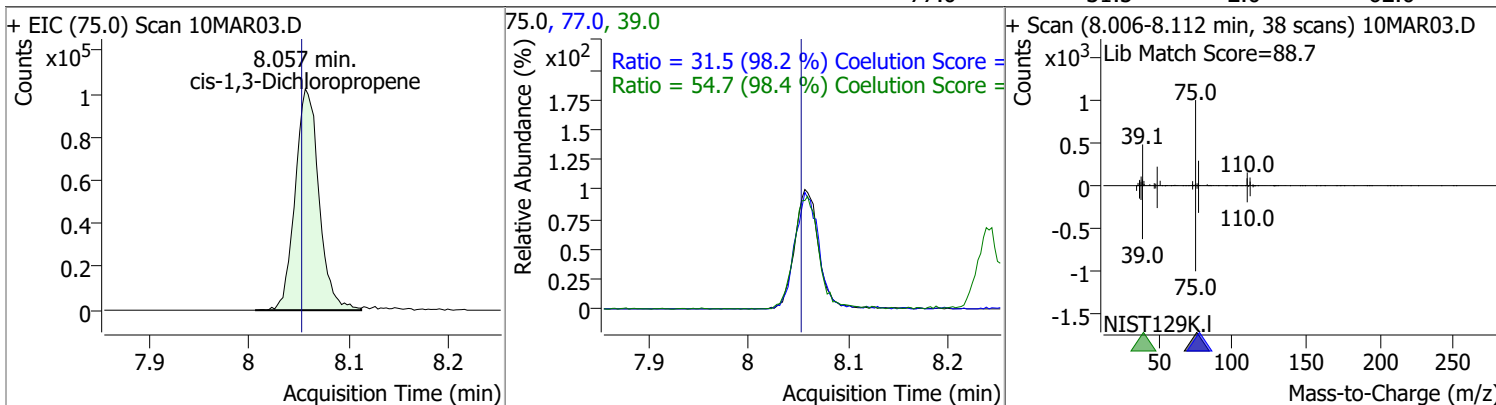


# Quantitation Results Report (QT Reviewed)

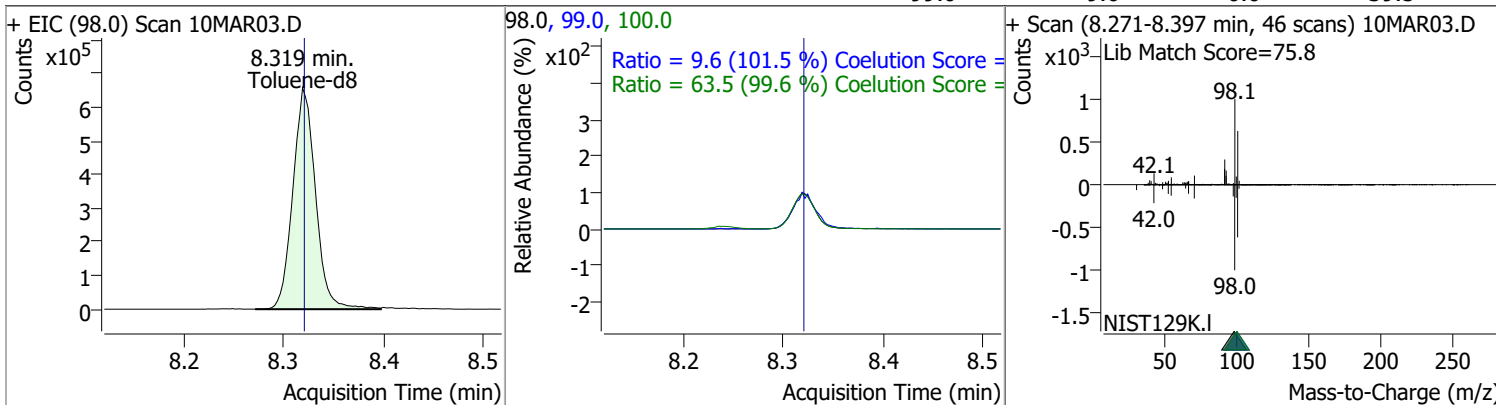
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	128.1149	7.58	0.00	162504	85.0	64.6	33.2	93.2
					127.0	8.7	0.0	39.4



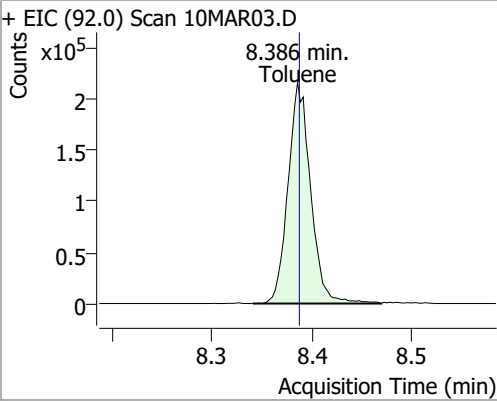
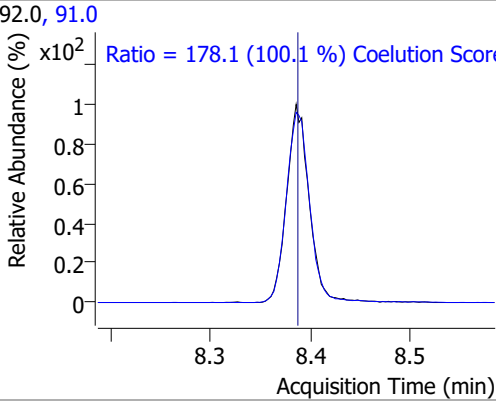
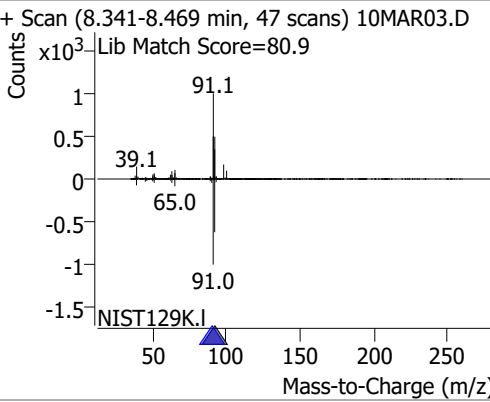
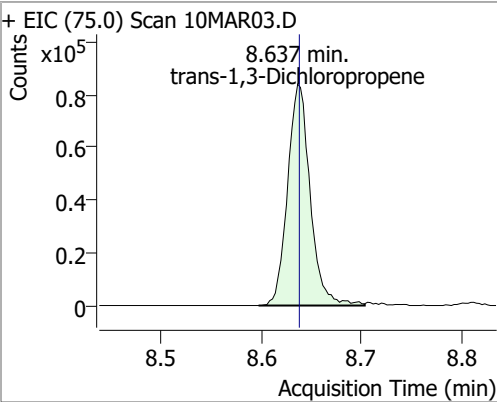
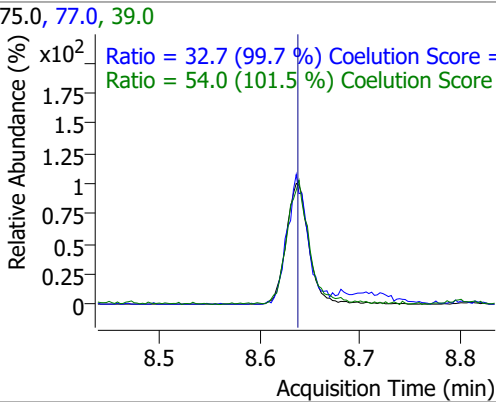
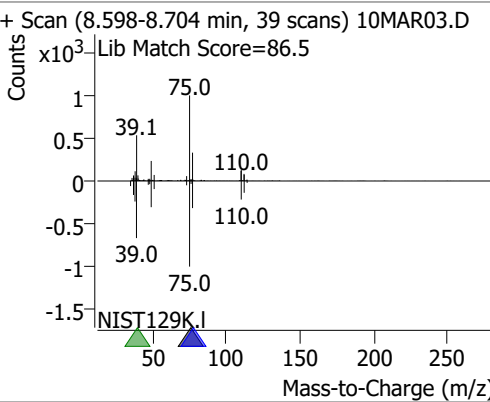
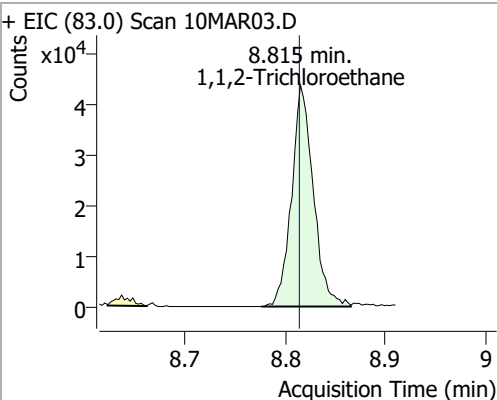
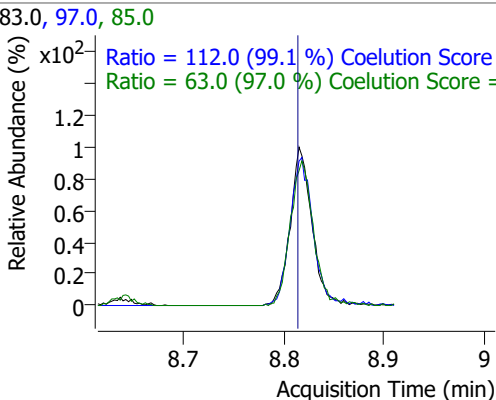
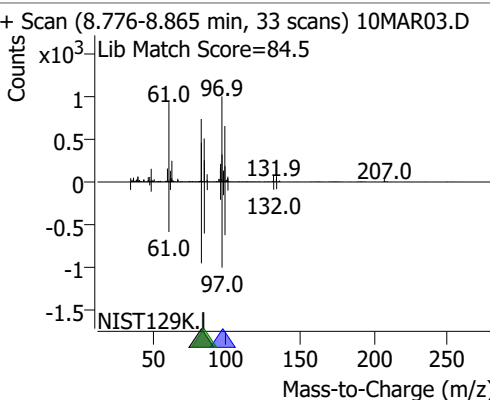
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	122.4277	8.06	0.00	169181	39.0	54.7	25.6	85.6
					77.0	31.5	2.0	62.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	246.7688	8.32	0.00	1035567	100.0	63.5	33.7	93.7
					99.0	9.6	0.0	39.5

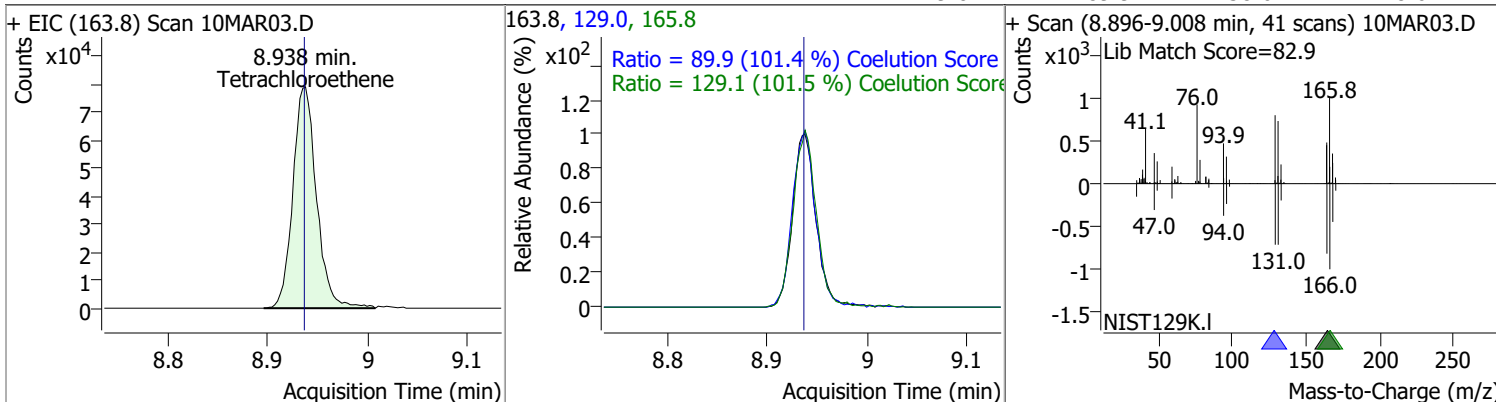


# Quantitation Results Report (QT Reviewed)

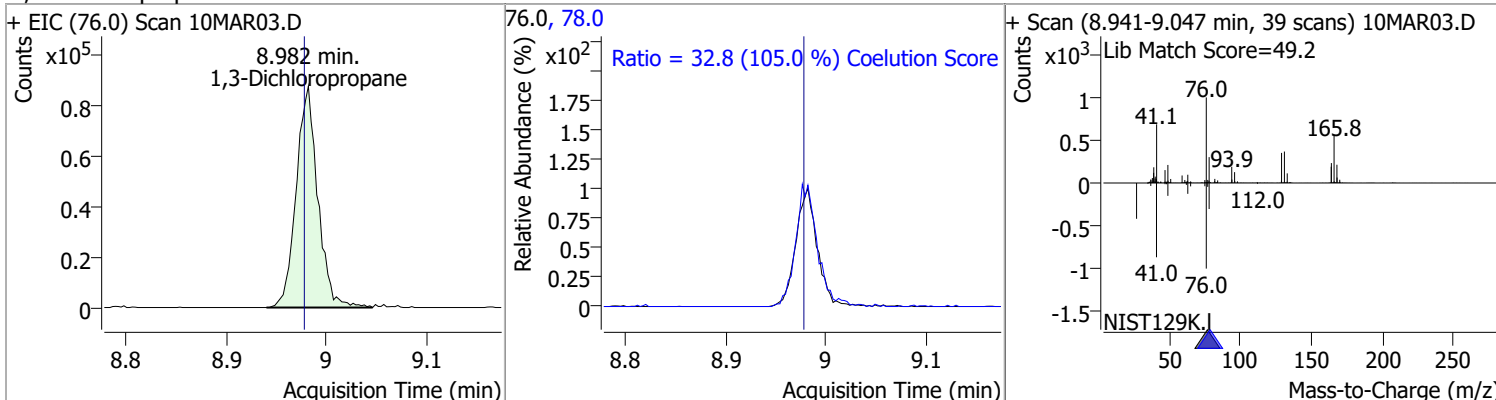
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	130.4519	8.39	0.00	338721	91.0	178.1	147.9	207.9
+ EIC (92.0) Scan 10MAR03.D			92.0, 91.0			+ Scan (8.341-8.469 min, 47 scans) 10MAR03.D		
								
						Ratio = 178.1 (100.1 %) Coelution Score =		
trans-1,3-Dichloropropene	129.4487	8.64	0.00	131616	39.0	54.0	23.2	83.2
+ EIC (75.0) Scan 10MAR03.D			75.0, 77.0, 39.0			+ Scan (8.598-8.704 min, 39 scans) 10MAR03.D		
								
						Ratio = 32.7 (99.7 %) Coelution Score =		
						Ratio = 54.0 (101.5 %) Coelution Score =		
1,1,2-Trichloroethane	129.5765	8.82	0.00	66289	97.0	112.0	83.0	143.0
+ EIC (83.0) Scan 10MAR03.D			83.0, 97.0, 85.0			+ Scan (8.776-8.865 min, 33 scans) 10MAR03.D		
								
						Ratio = 112.0 (99.1 %) Coelution Score =		
						Ratio = 63.0 (97.0 %) Coelution Score =		

# Quantitation Results Report (QT Reviewed)

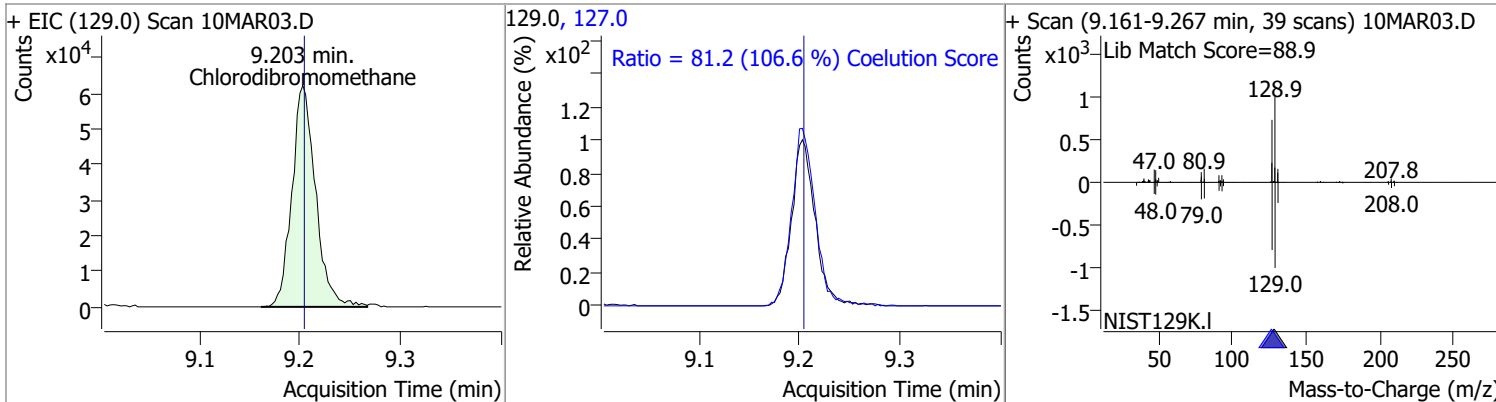
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	117.8311	8.94	0.00	129570	165.8	129.1	97.2	157.2
					129.0	89.9	58.6	118.6



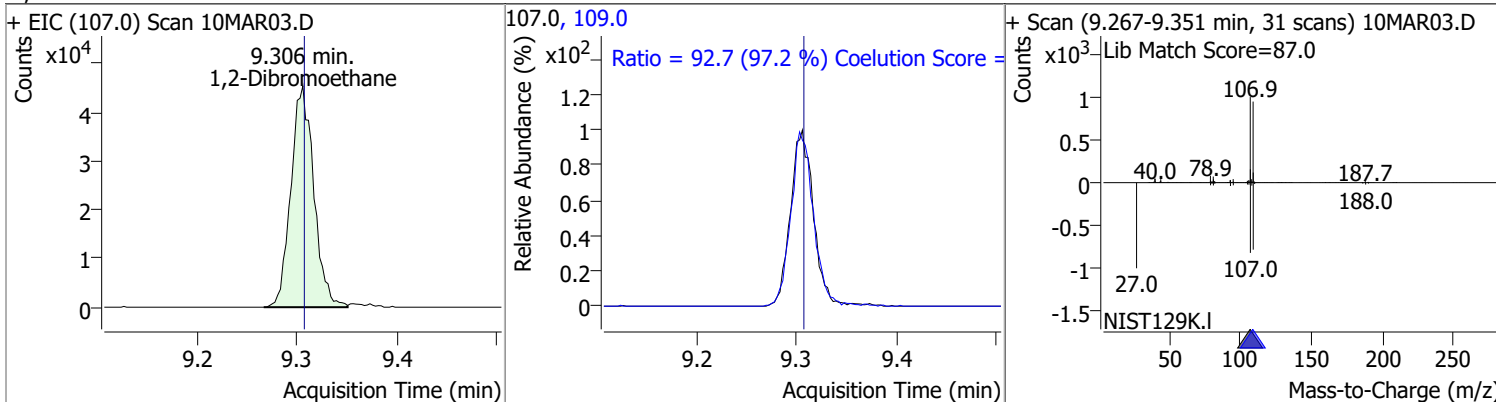
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	125.3355	8.98	0.00	131159	78.0	32.8	1.3	61.3



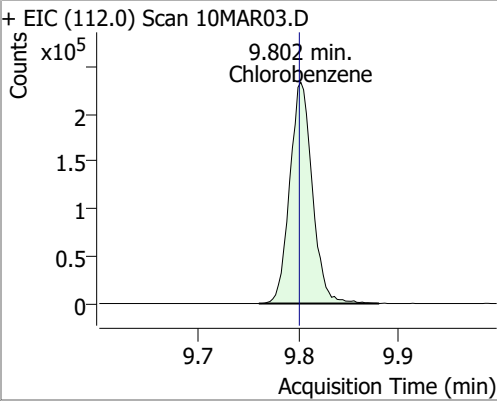
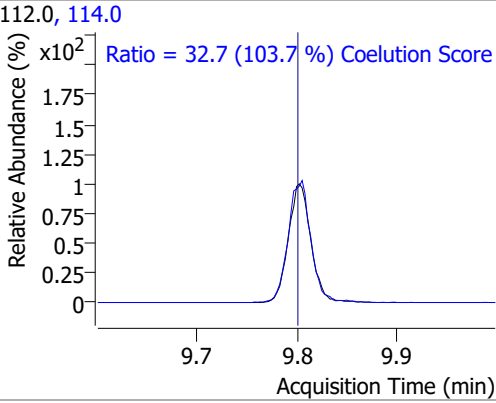
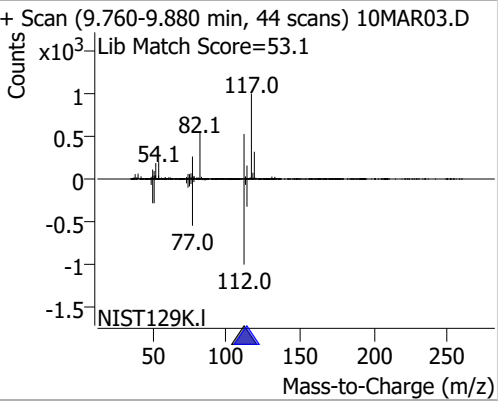
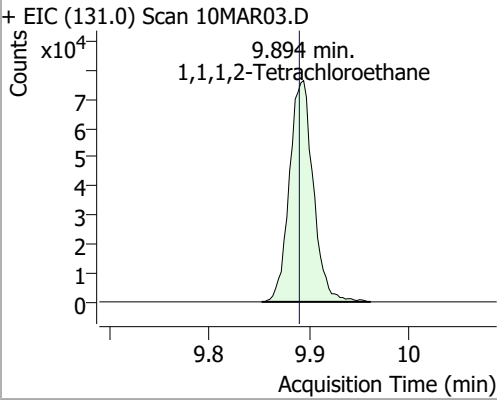
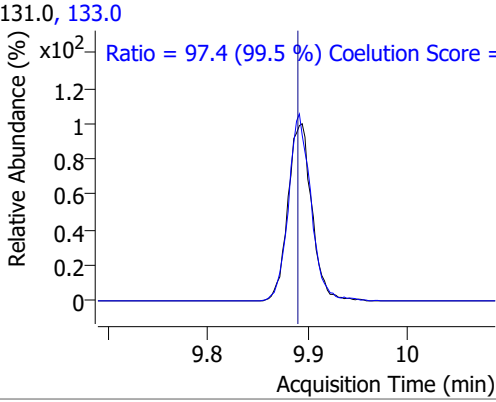
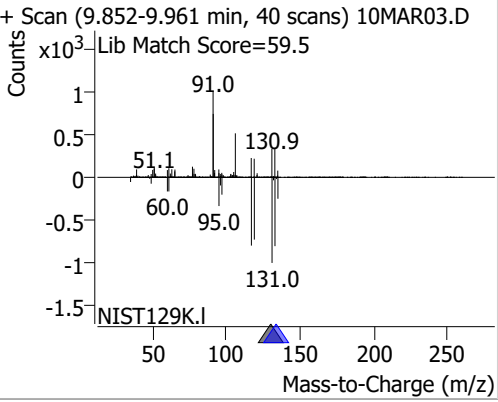
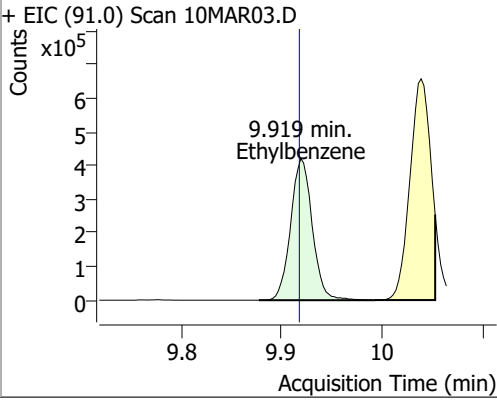
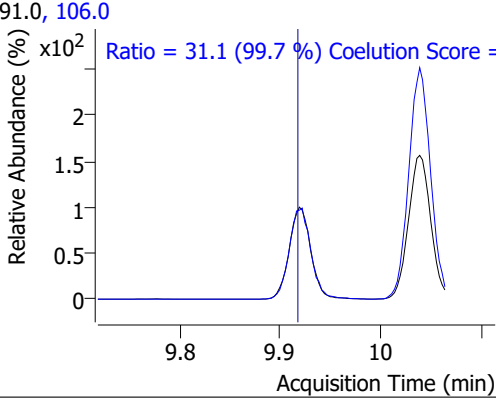
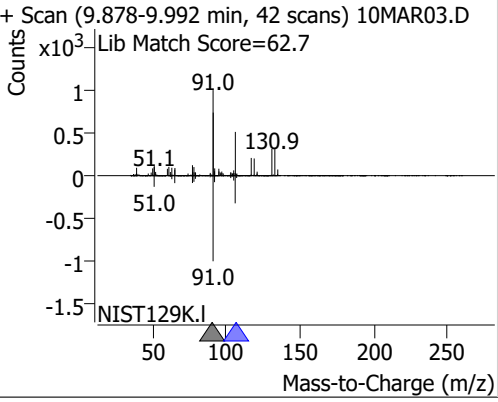
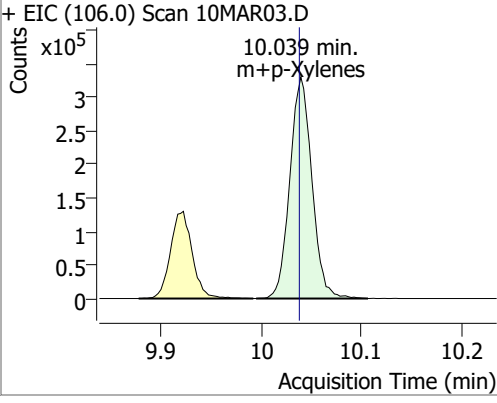
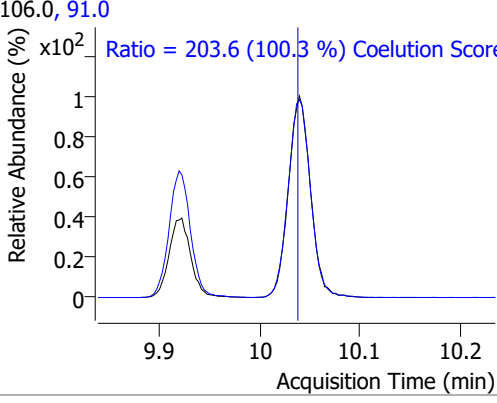
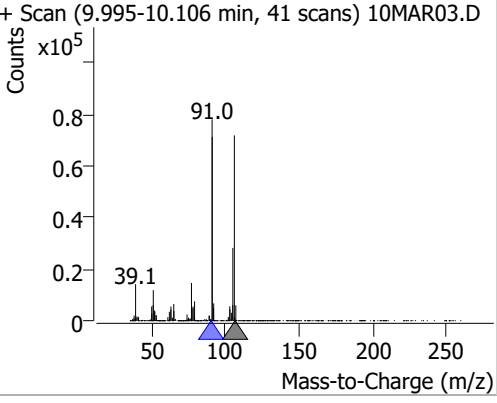
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	123.2981	9.20	0.00	101974	127.0	81.2	46.1	106.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	125.6046	9.31	0.00	71925	109.0	92.7	65.4	125.4

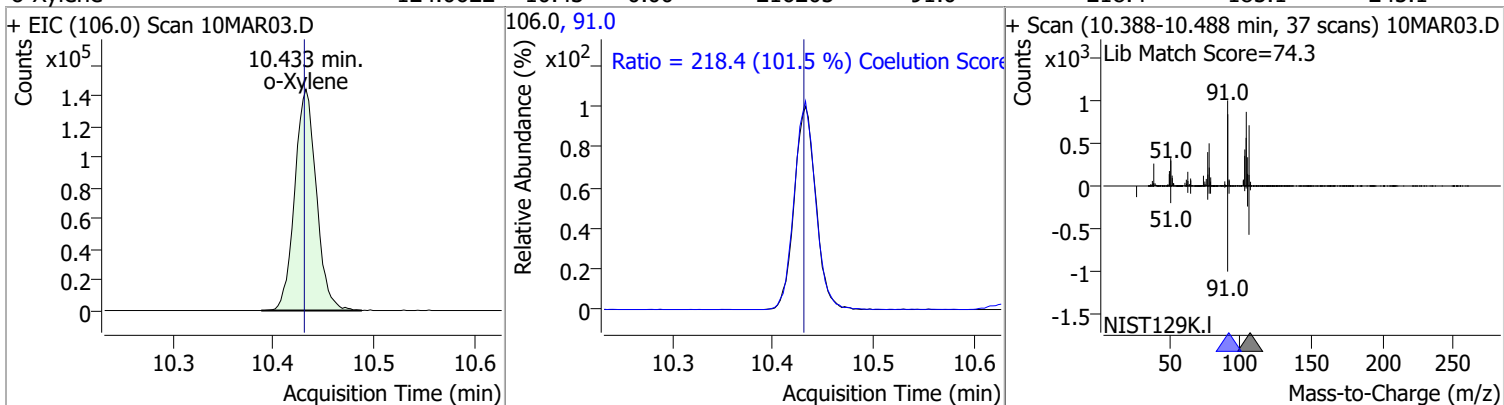


# Quantitation Results Report (QT Reviewed)

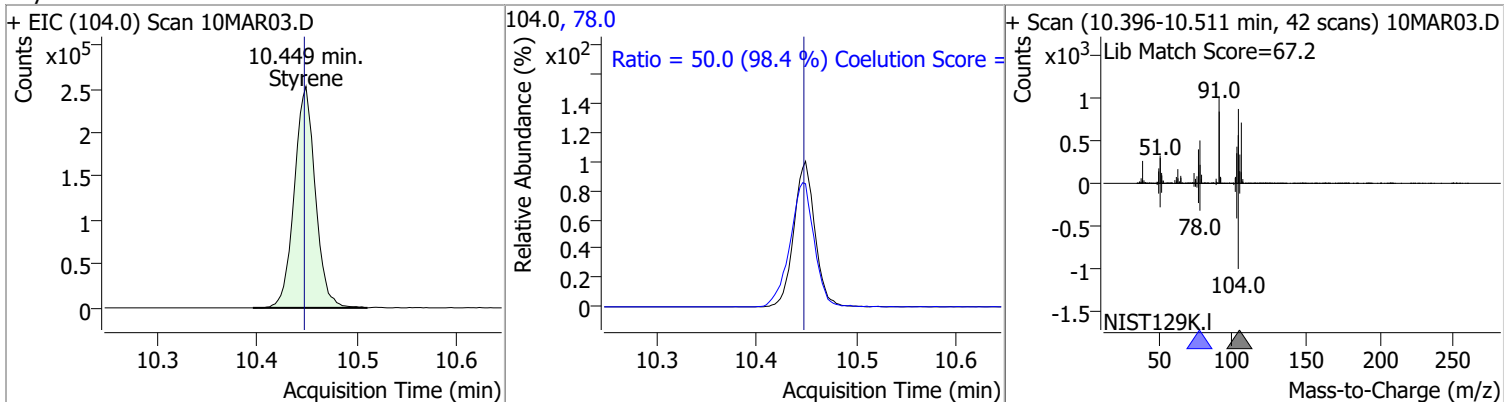
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	125.8710	9.80	0.00	364253	114.0	32.7	1.6	61.6
+ EIC (112.0) Scan 10MAR03.D			112.0, 114.0			+ Scan (9.760-9.880 min, 44 scans) 10MAR03.D		
								
			Ratio = 32.7 (103.7 %) Coelution Score =					
1,1,1,2-Tetrachloroethane	124.6420	9.89	0.00	126262	133.0	97.4	67.9	127.9
+ EIC (131.0) Scan 10MAR03.D			131.0, 133.0			+ Scan (9.852-9.961 min, 40 scans) 10MAR03.D		
								
			Ratio = 97.4 (99.5 %) Coelution Score =					
Ethylbenzene	123.5945	9.92	0.00	628134	106.0	31.1	1.2	61.2
+ EIC (91.0) Scan 10MAR03.D			91.0, 106.0			+ Scan (9.878-9.992 min, 42 scans) 10MAR03.D		
								
			Ratio = 31.1 (99.7 %) Coelution Score =					
m+p-Xylenes	249.6945	10.04	0.00	503959	91.0	203.6	173.1	233.1
+ EIC (106.0) Scan 10MAR03.D			106.0, 91.0			+ Scan (9.995-10.106 min, 41 scans) 10MAR03.D		
								
			Ratio = 203.6 (100.3 %) Coelution Score =					

# Quantitation Results Report (QT Reviewed)

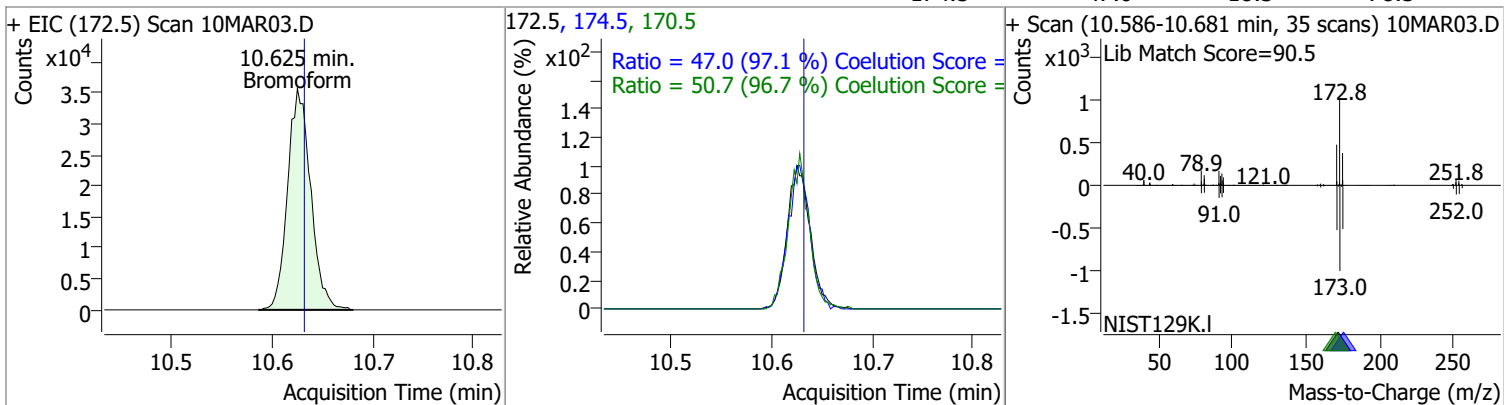
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	124.0622	10.43	0.00	216205	91.0	218.4	185.1	245.1



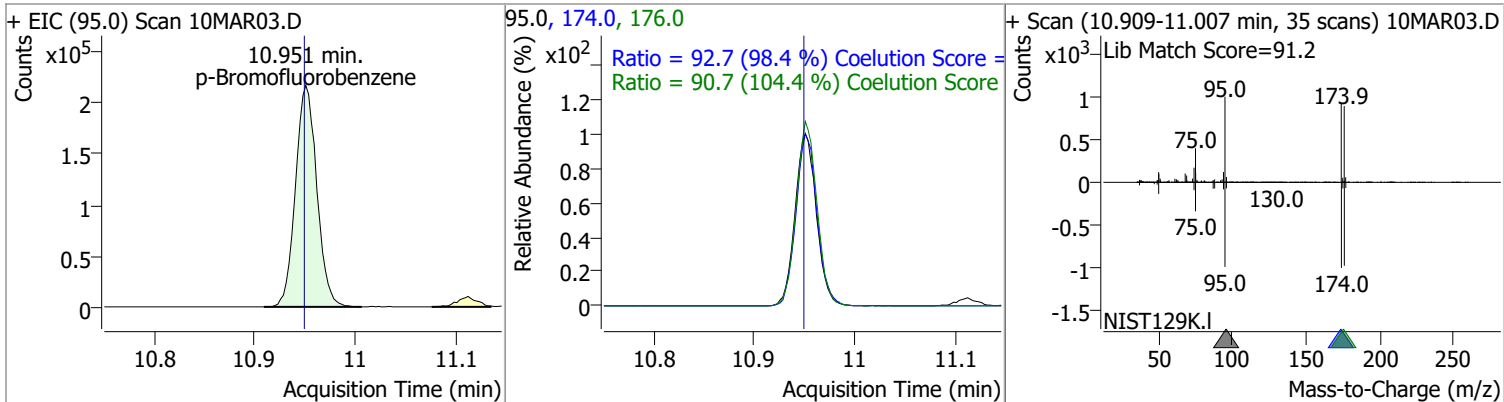
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	126.5590	10.45	0.00	368034	78.0	50.0	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	126.5779	10.62	-0.01	57052	170.5	50.7	22.5	82.5
					174.5	47.0	18.3	78.3

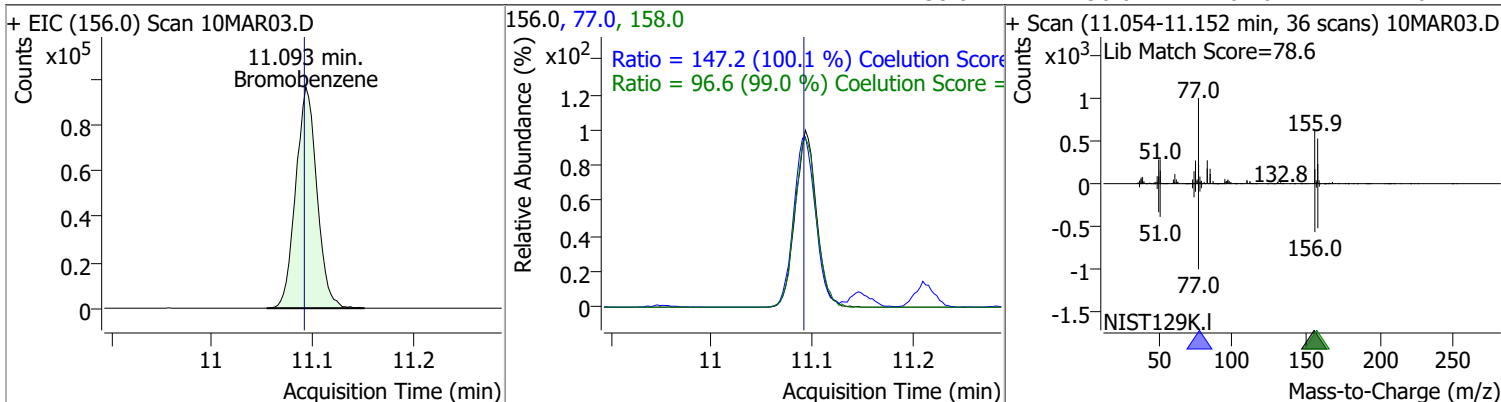


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	260.0379	10.95	0.00	320872	174.0	92.7	64.2	124.2
					176.0	90.7	56.9	116.9

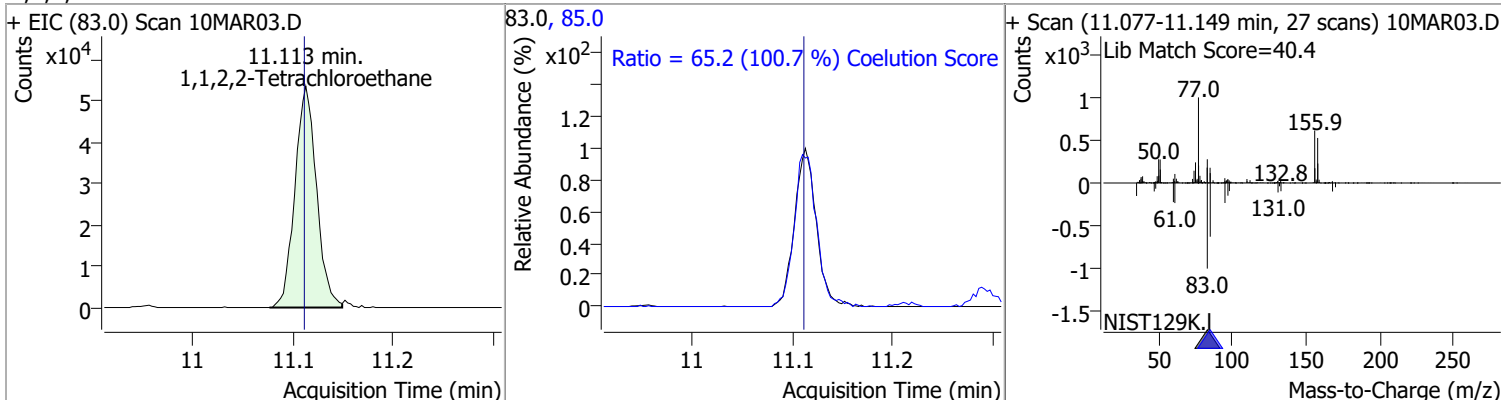


# Quantitation Results Report (QT Reviewed)

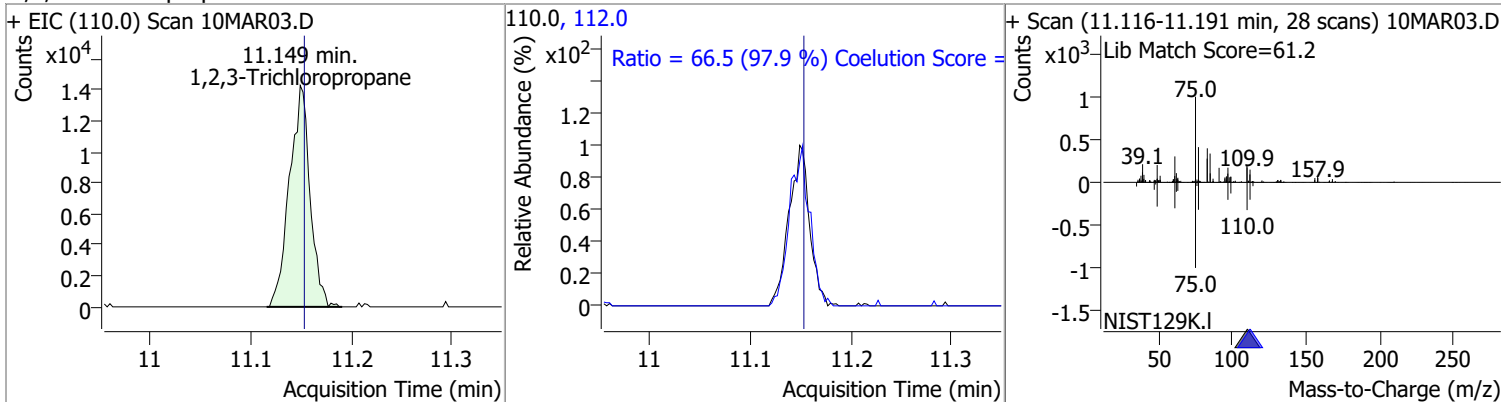
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	127.5607	11.09	0.00	141867	77.0	147.2	117.1	177.1
					158.0	96.6	67.6	127.6



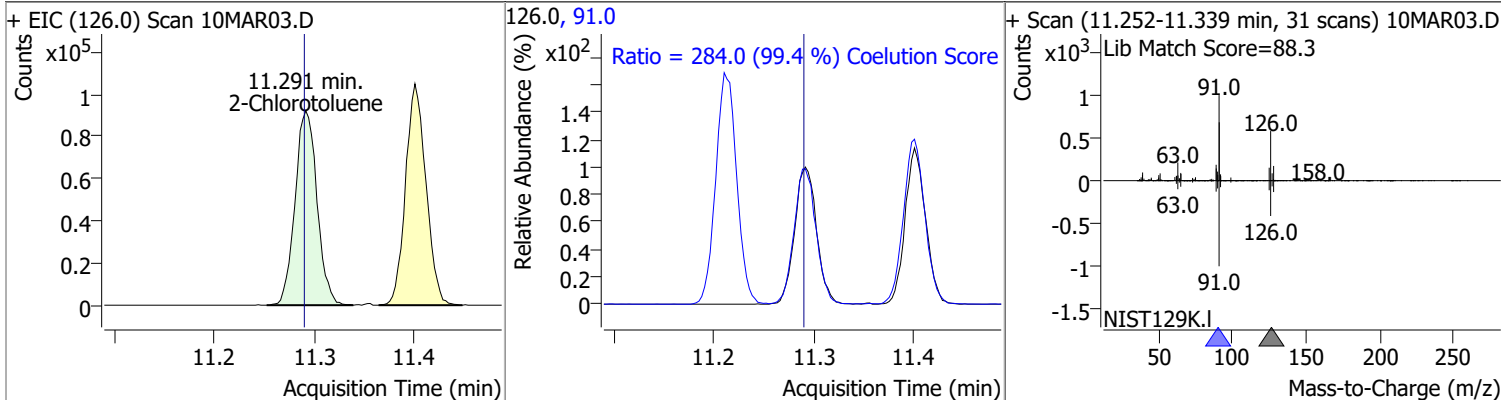
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	126.2921	11.11	0.00	79995	85.0	65.2	34.7	94.7



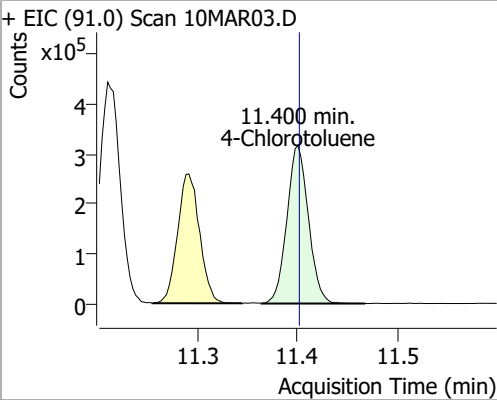
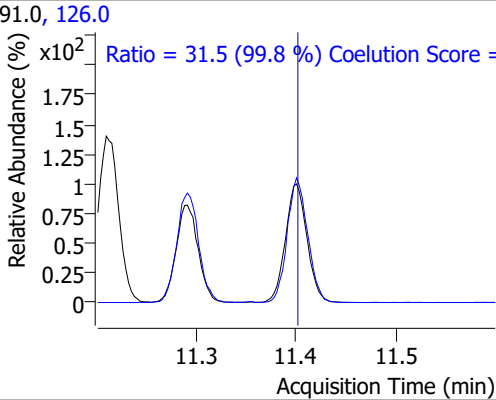
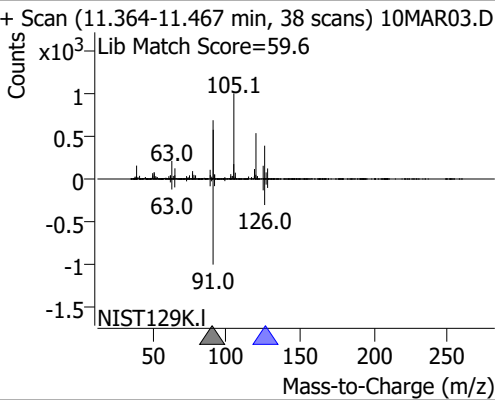
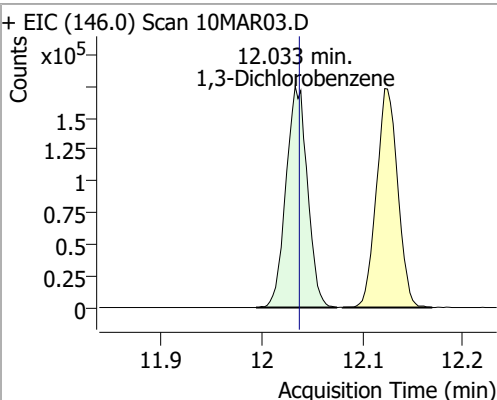
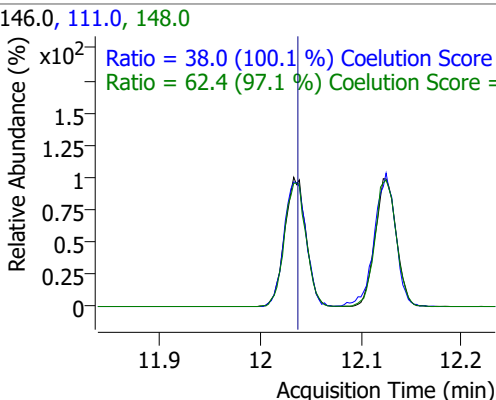
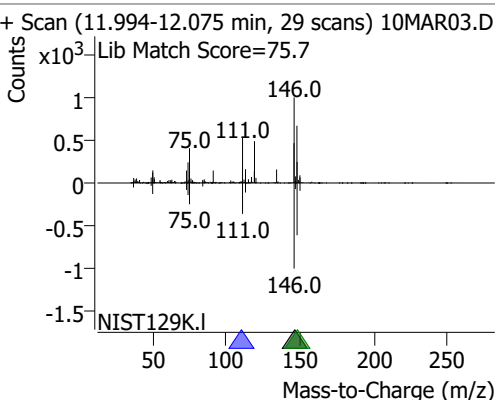
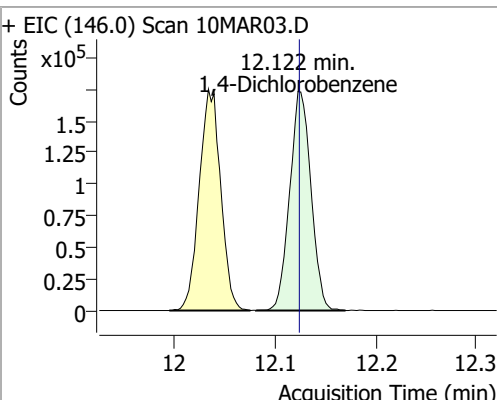
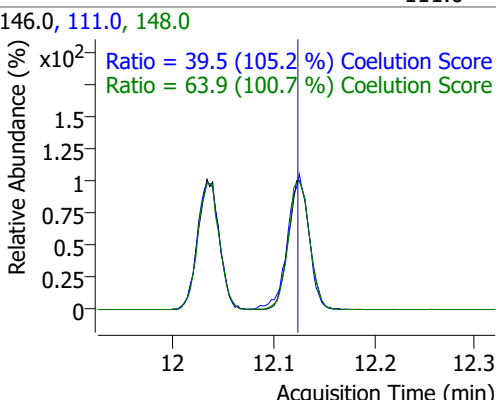
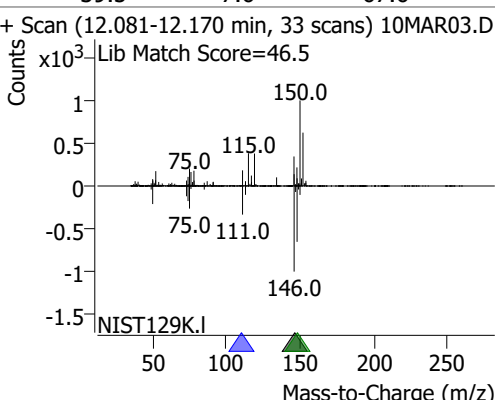
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	121.2237	11.15	0.00	20394	112.0	66.5	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	126.5565	11.29	0.00	140094	91.0	284.0	255.6	315.6

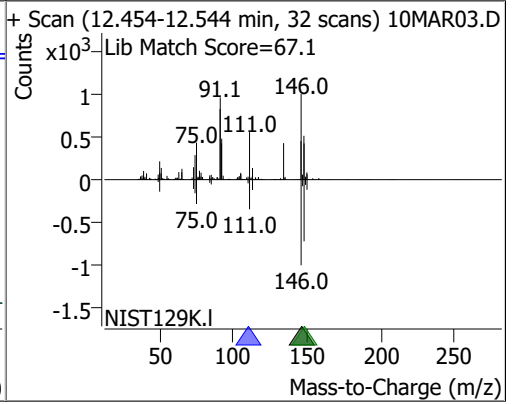
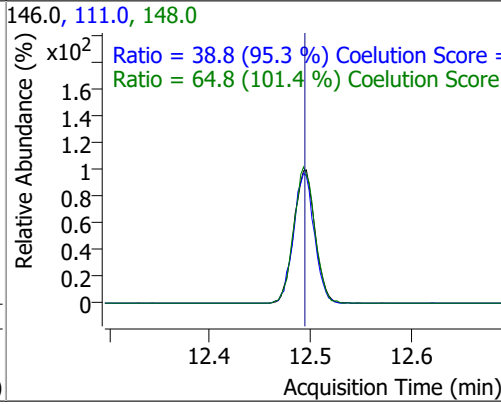
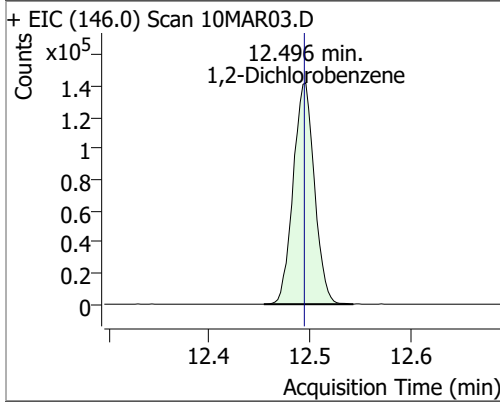


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	130.4391	11.40	0.00	472353	126.0	31.5	1.5	61.5
+ EIC (91.0) Scan 10MAR03.D 			91.0, 126.0 			+ Scan (11.364-11.467 min, 38 scans) 10MAR03.D Lib Match Score=59.6 		
1,3-Dichlorobenzene	130.7050	12.03	0.00	259549	148.0	62.4	34.3	94.3
+ EIC (146.0) Scan 10MAR03.D 			146.0, 111.0, 148.0 			+ Scan (11.994-12.075 min, 29 scans) 10MAR03.D Lib Match Score=75.7 		
1,4-Dichlorobenzene	123.0593	12.12	0.00	255205	148.0	63.9	33.5	93.5
+ EIC (146.0) Scan 10MAR03.D 			146.0, 111.0, 148.0 			+ Scan (12.081-12.170 min, 33 scans) 10MAR03.D Lib Match Score=46.5 		

# Quantitation Results Report (QT Reviewed)

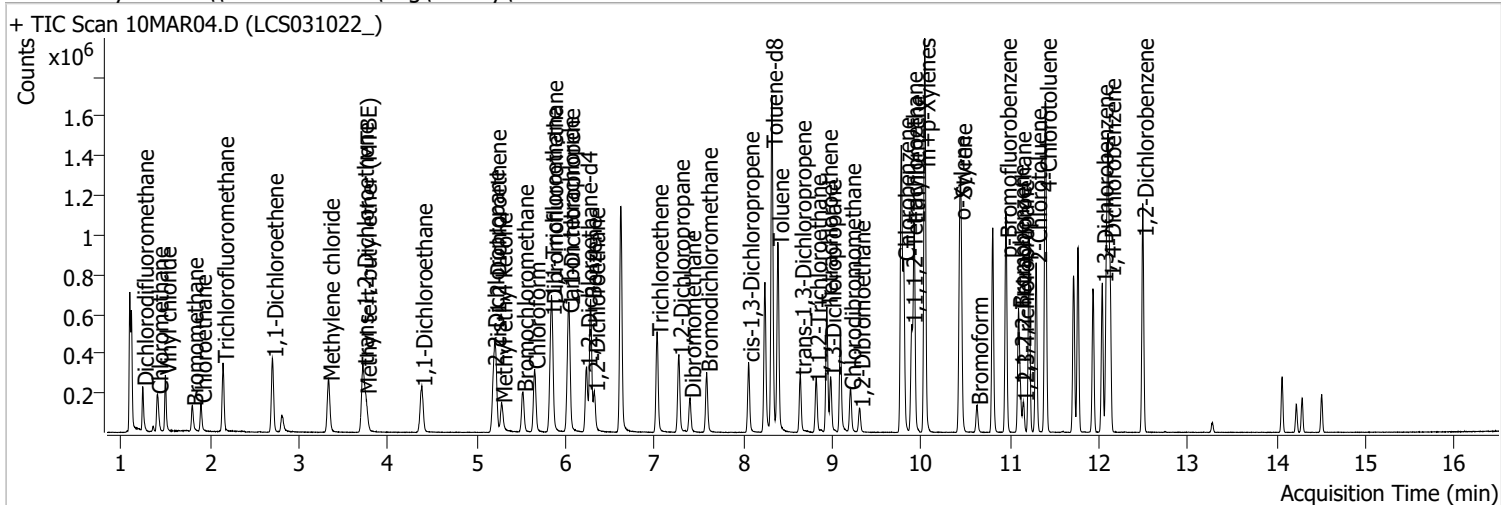
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	124.0472	12.50	0.00	208720	148.0	64.8	33.9	93.9
					111.0	38.8	10.7	70.7





# Quantitation Results Report (QT Reviewed)

Data File	10MAR04.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 12:58:41 PM
Sample Name	LCS031022_	Instrument	VOA5975C
Vial	4	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



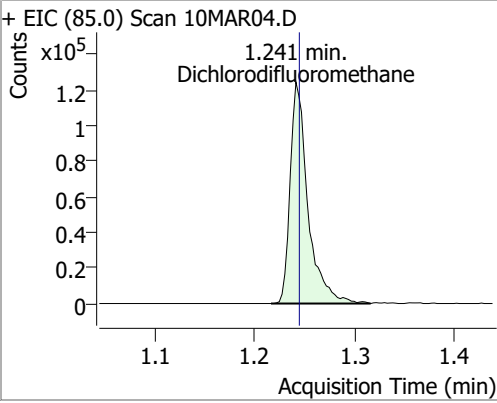
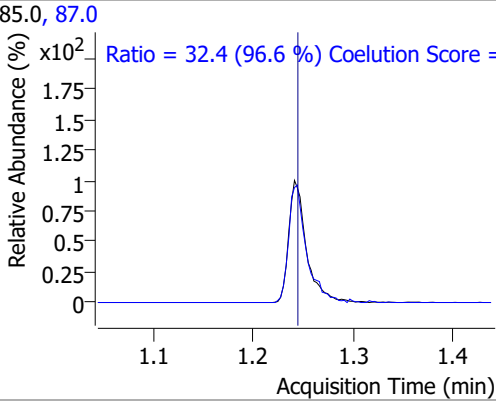
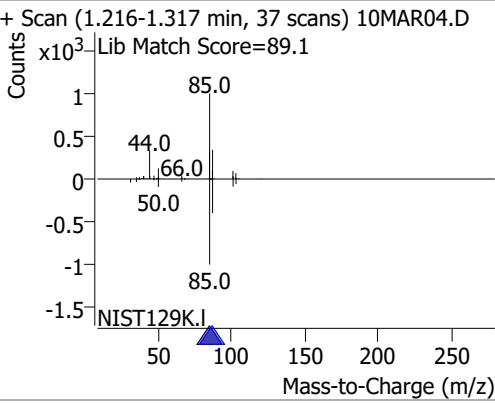
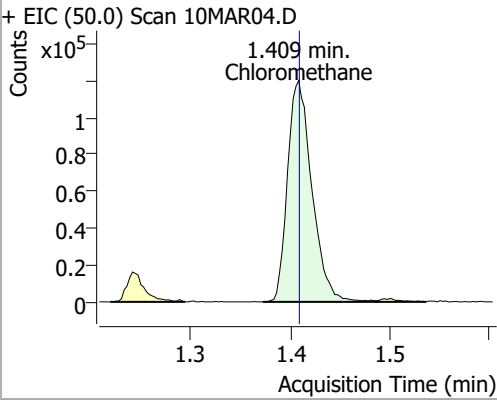
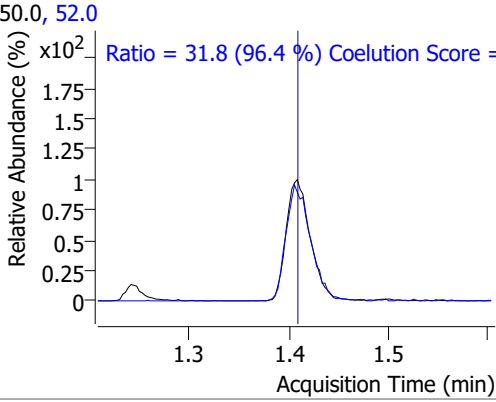
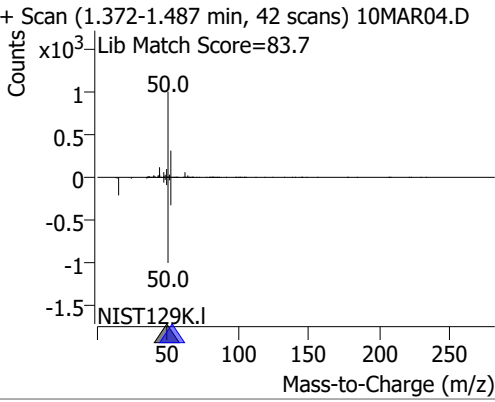
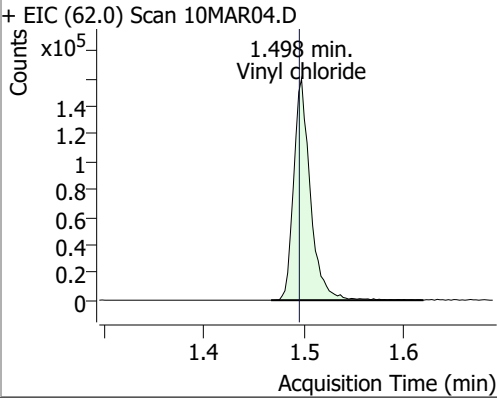
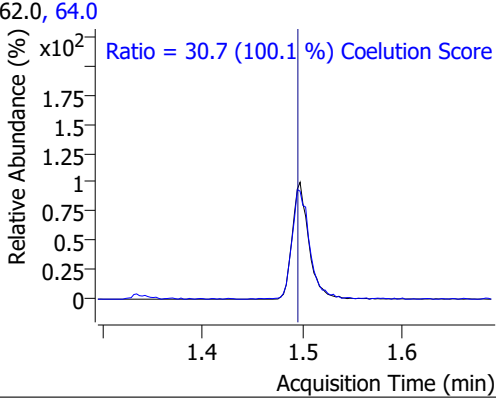
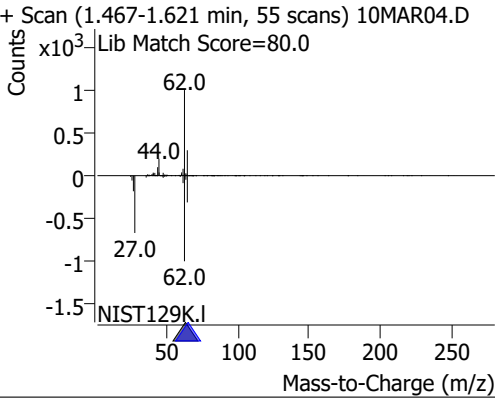
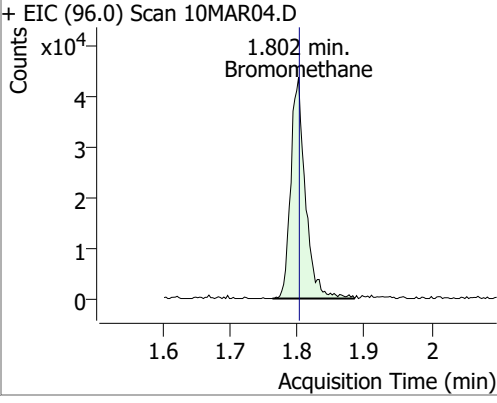
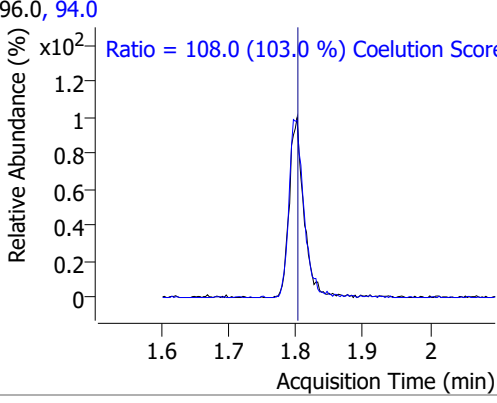
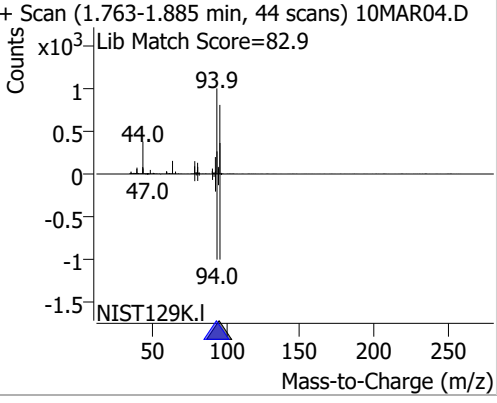
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.618	96.0	987856	250.0000	ng	-0.003
M Chlorobenzene-d5	9.775	82.0	399029	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	330267	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	260429	259.4579	ng	0.003
Spiked Amount: 250.000		Range: 80.0 - 119.0%		Recovery = 103.78%		
S 1,2-Dichloroethane-d4	6.233	67.0	115423	257.6200	ng	-0.003
Spiked Amount: 250.000		Range: 81.0 - 118.0%		Recovery = 103.05%		
S Toluene-d8	8.319	98.0	1044986	245.5937	ng	-0.003
Spiked Amount: 250.000		Range: 89.0 - 112.0%		Recovery = 98.24%		
S p-Bromofluorobenzene	10.951	95.0	322352	264.7003	ng	0.003
Spiked Amount: 250.000		Range: 85.0 - 114.0%		Recovery = 105.88%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	154844	108.5459	ng	98
T Chloromethane	1.409	50.0	204236	123.5123	ng	98
T Vinyl chloride	1.498	62.0	187319	125.4024	ng	100
T Bromomethane	1.802	96.0	66358	99.9691	ng	97
T Chloroethane	1.897	64.0	90265	114.2544	ng	99
T Trichlorofluoromethane	2.145	101.0	226116	119.9869	ng	99
T 1,1-Dichloroethene	2.700	96.0	129095	128.8020	ng	95
T Methylene chloride	3.336	49.0	192774	126.6640	ng	100
T trans-1,2-Dichloroethene	3.718	96.0	137521	131.7976	ng	99
T Methyl tert-butyl ether (MTBE)	3.751	73.0	180271	138.6654	ng	100
T 1,1-Dichloroethane	4.378	63.0	279535	139.8689	ng	98
T 2,2-Dichloropropane	5.187	77.0	199663	129.6271	ng	100
T cis-1,2-Dichloroethene	5.210	96.0	143214	135.7237	ng	98
T Methyl ethyl ketone	5.276	43.0	206303	1487.4999	ng	98
T Bromochloromethane	5.516	128.0	57164	135.8789	ng	97
T Chloroform	5.650	83.0	255099	130.2572	ng	100

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	244463	128.7391	ng	99
T Carbon tetrachloride	6.027	117.0	232006	123.7694	ng	99
T 1,1-Dichloropropene	6.038	75.0	188234	122.1648	ng	99
T Benzene	6.280	78.0	546643	136.0849	ng	98
T 1,2-Dichloroethane	6.319	62.0	143473	132.1740	ng	99
T Trichloroethene	7.030	95.0	157529	126.1837	ng	99
T 1,2-Dichloropropane	7.270	63.0	139868	128.5917	ng	96
T Dibromomethane	7.399	93.0	57486	124.8284	ng	98
T Bromodichloromethane	7.585	83.0	170707	132.7297	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	171710	122.5476	ng	99
T Toluene	8.389	92.0	348893	132.5200	ng	99
T trans-1,3-Dichloropropene	8.640	75.0	137162	133.0466	ng	99
T 1,1,2-Trichloroethane	8.812	83.0	67424	129.9812	ng	95
T Tetrachloroethene	8.938	163.8	134351	120.4974	ng	96
T 1,3-Dichloropropane	8.980	76.0	132054	124.4540	ng	96
T Chlorodibromomethane	9.200	129.0	108643	129.5537	ng	98
T 1,2-Dibromoethane	9.303	107.0	76492	131.7415	ng	98
T Chlorobenzene	9.802	112.0	383497	130.6970	ng	97
T 1,1,1,2-Tetrachloroethane	9.894	131.0	132539	129.0377	ng	99
T Ethylbenzene	9.920	91.0	662670	128.4544	ng	99
T m+p-Xylenes	10.037	106.0	525936	256.8226	ng	98
T o-Xylene	10.430	106.0	232012	131.0571	ng	99
T Styrene	10.447	104.0	393691	133.3143	ng	99
T Bromoform	10.628	172.5	58617	131.7741	ng	98
T Bromobenzene	11.094	156.0	146409	133.3897	ng	99
T 1,1,2,2-Tetrachloroethane	11.116	83.0	85017	135.9999	ng	99
T 1,2,3-Trichloropropane	11.147	110.0	20750	124.9748	ng	97
T 2-Chlorotoluene	11.292	126.0	151915	139.0544	ng	97
T 4-Chlorotoluene	11.400	91.0	508332	142.2354	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	272435	139.0128	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	275315	134.5161	ng	97
T 1,2-Dichlorobenzene	12.493	146.0	222422	133.9430	ng	99

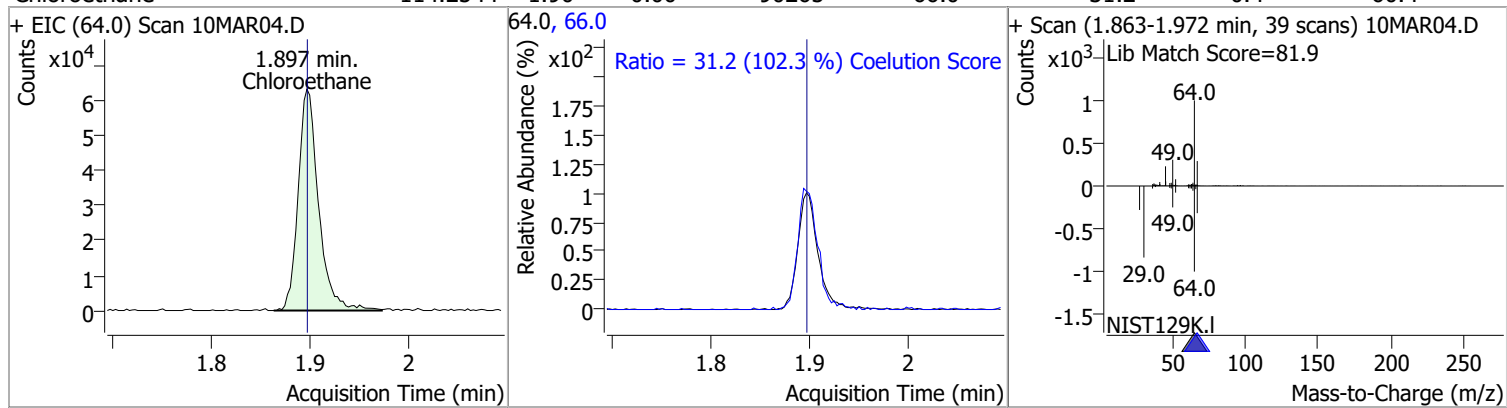
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

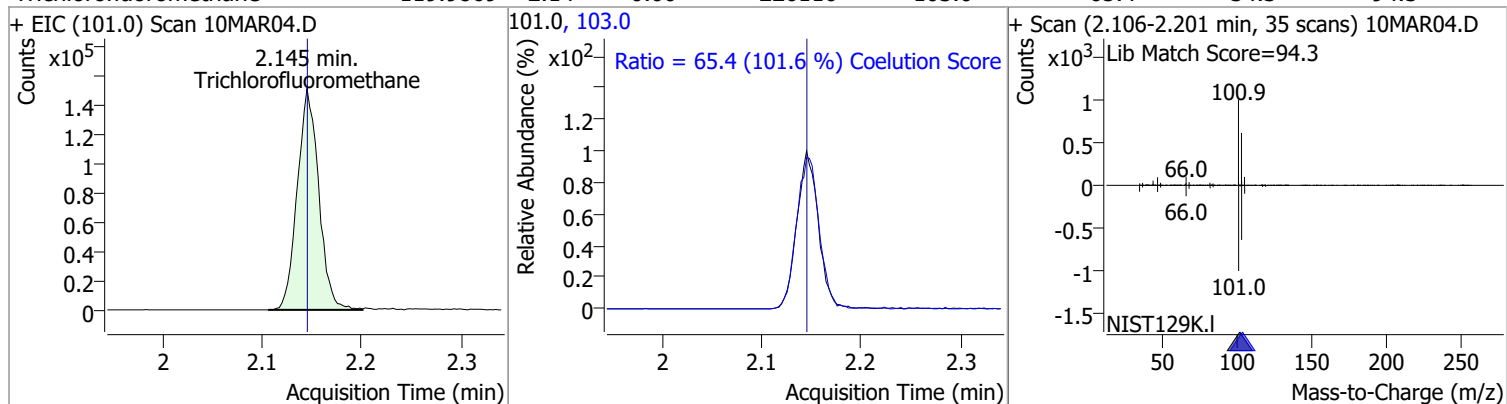
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	108.5459	1.24	0.00	154844	87.0	32.4	3.5	63.5
+ EIC (85.0) Scan 10MAR04.D 			85.0, 87.0 			+ Scan (1.216-1.317 min, 37 scans) 10MAR04.D Lib Match Score=89.1 		
Chloromethane	123.5123	1.41	0.00	204236	52.0	31.8	3.0	63.0
+ EIC (50.0) Scan 10MAR04.D 			50.0, 52.0 			+ Scan (1.372-1.487 min, 42 scans) 10MAR04.D Lib Match Score=83.7 		
Vinyl chloride	125.4024	1.50	0.00	187319	64.0	30.7	0.6	60.6
+ EIC (62.0) Scan 10MAR04.D 			62.0, 64.0 			+ Scan (1.467-1.621 min, 55 scans) 10MAR04.D Lib Match Score=80.0 		
Bromomethane	99.9691	1.80	0.00	66358	94.0	108.0	74.8	134.8
+ EIC (96.0) Scan 10MAR04.D 			96.0, 94.0 			+ Scan (1.763-1.885 min, 44 scans) 10MAR04.D Lib Match Score=82.9 		

# Quantitation Results Report (QT Reviewed)

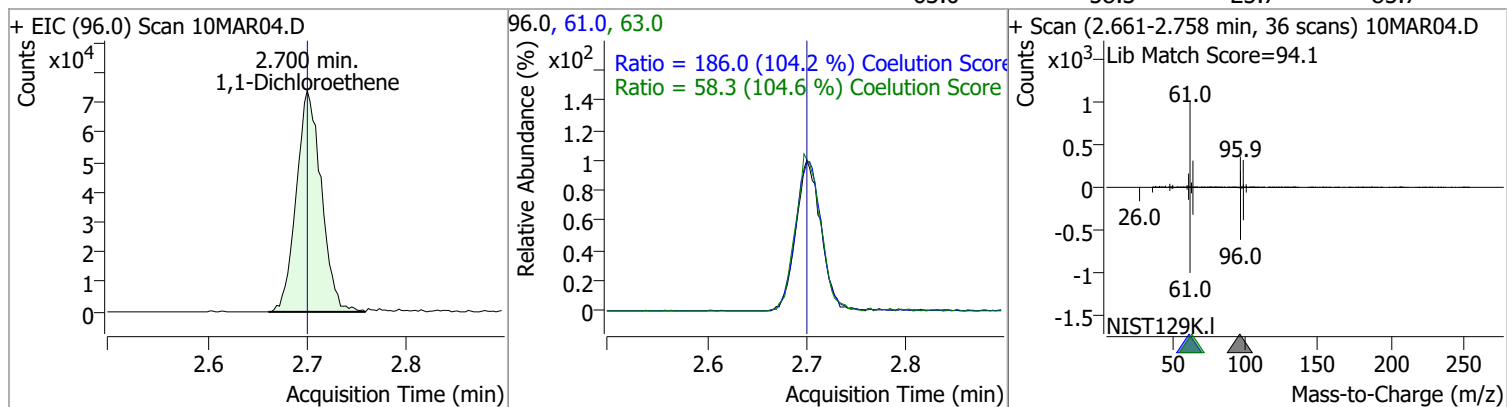
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	114.2544	1.90	0.00	90265	66.0	31.2	0.4	60.4



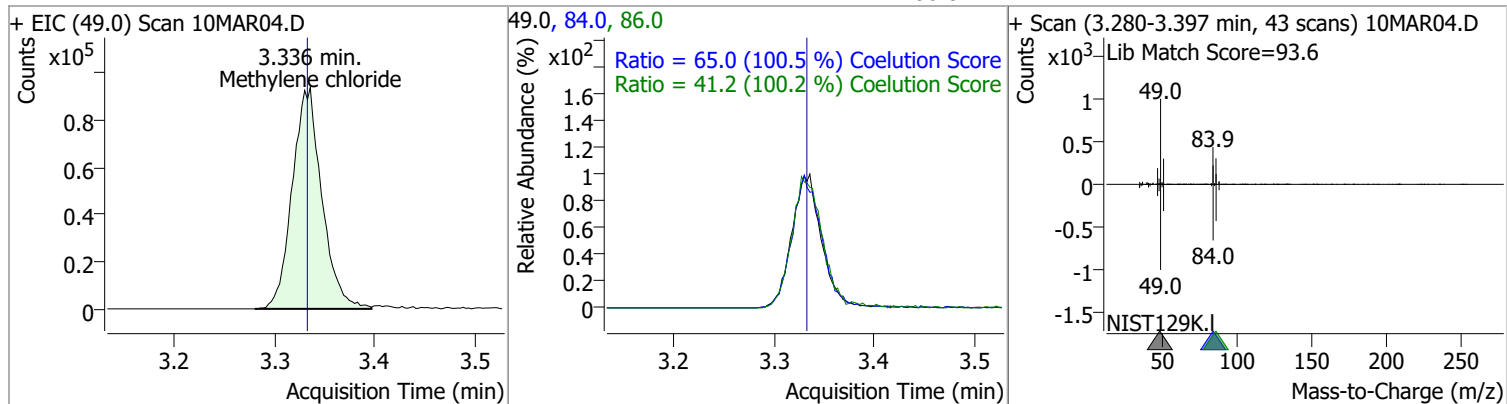
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	119.9869	2.14	0.00	226116	103.0	65.4	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	128.8020	2.70	0.00	129095	61.0	186.0	148.4	208.4
					63.0	58.3	25.7	85.7

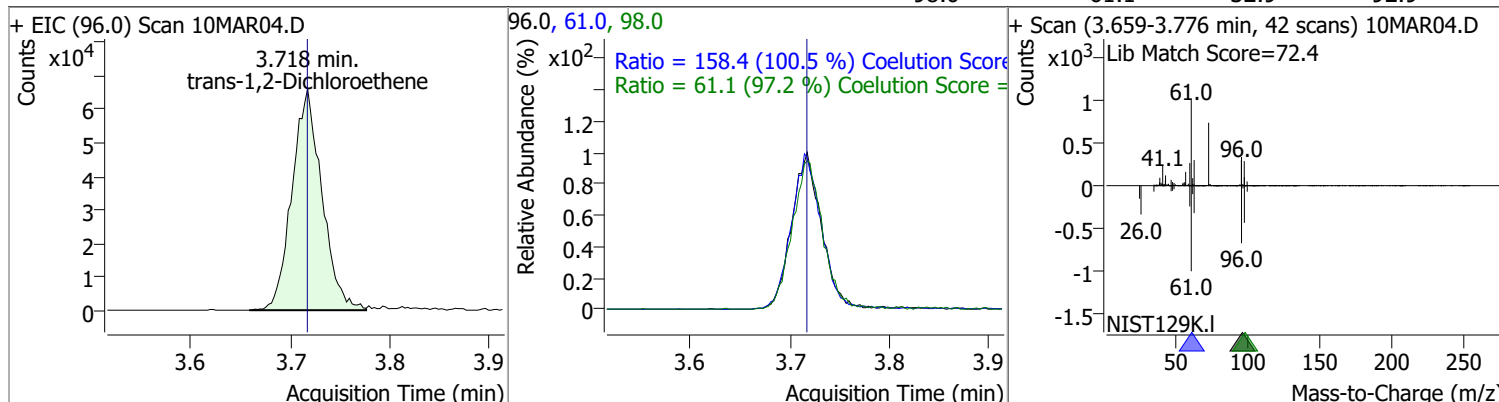


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	126.6640	3.34	0.00	192774	84.0	65.0	34.7	94.7
					86.0	41.2	11.1	71.1

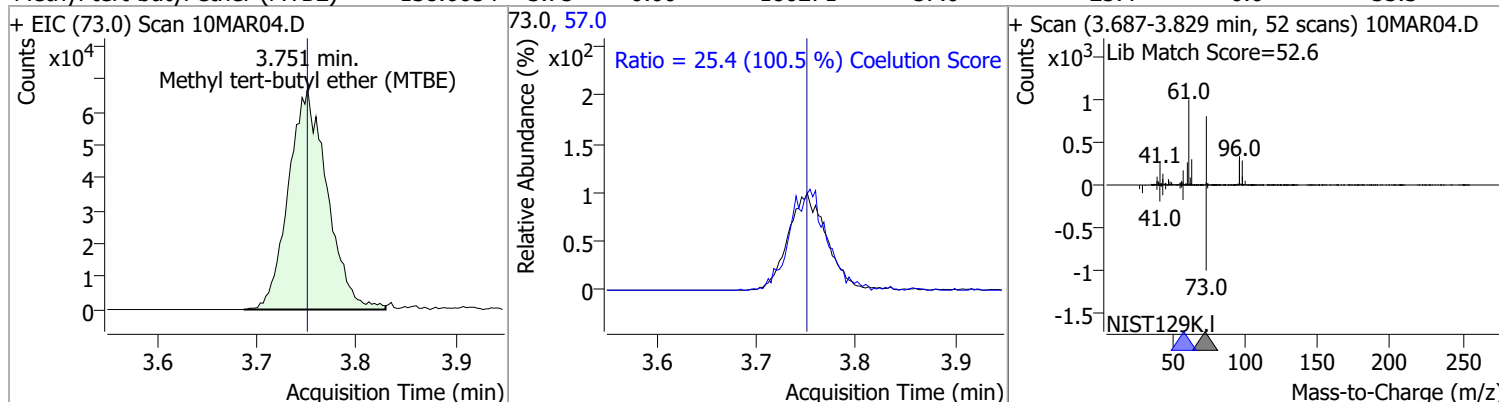


# Quantitation Results Report (QT Reviewed)

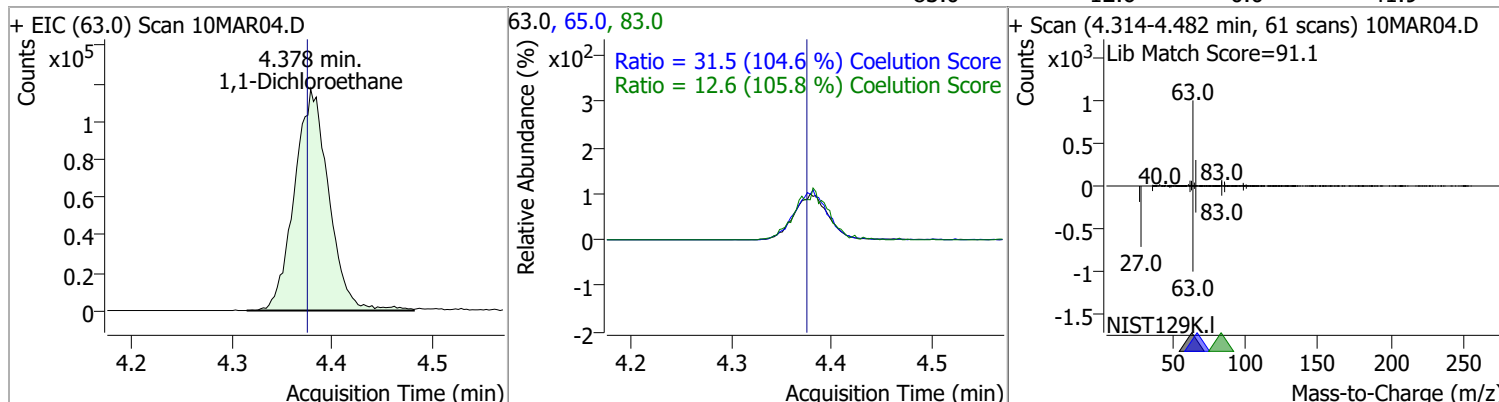
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	131.7976	3.72	0.00	137521	61.0	158.4	127.7	187.7
					98.0	61.1	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	138.6654	3.75	0.00	180271	57.0	25.4	0.0	55.3

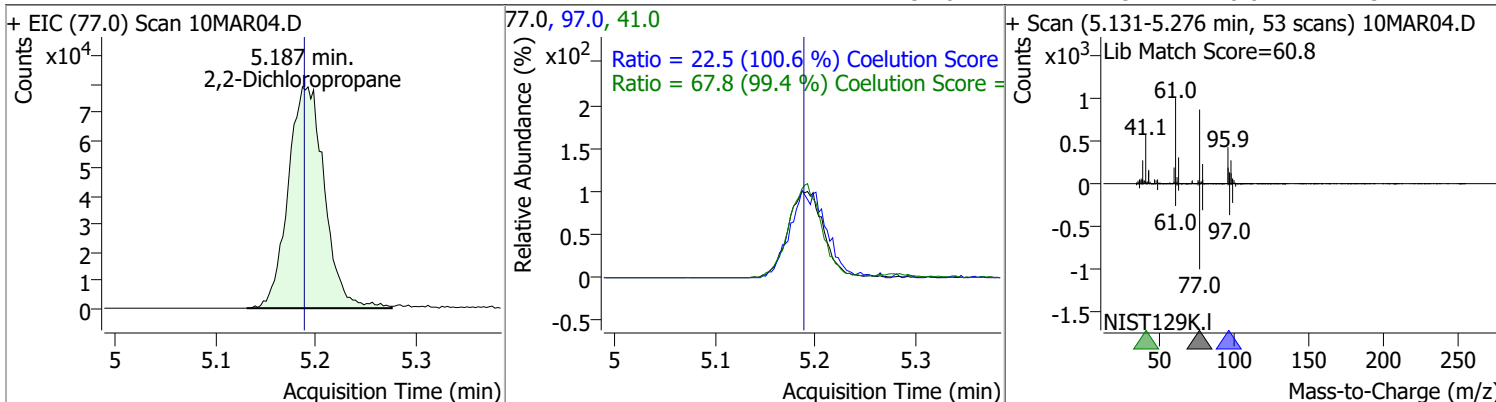


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	139.8689	4.38	0.00	279535	65.0	31.5	0.1	60.1
					83.0	12.6	0.0	41.9

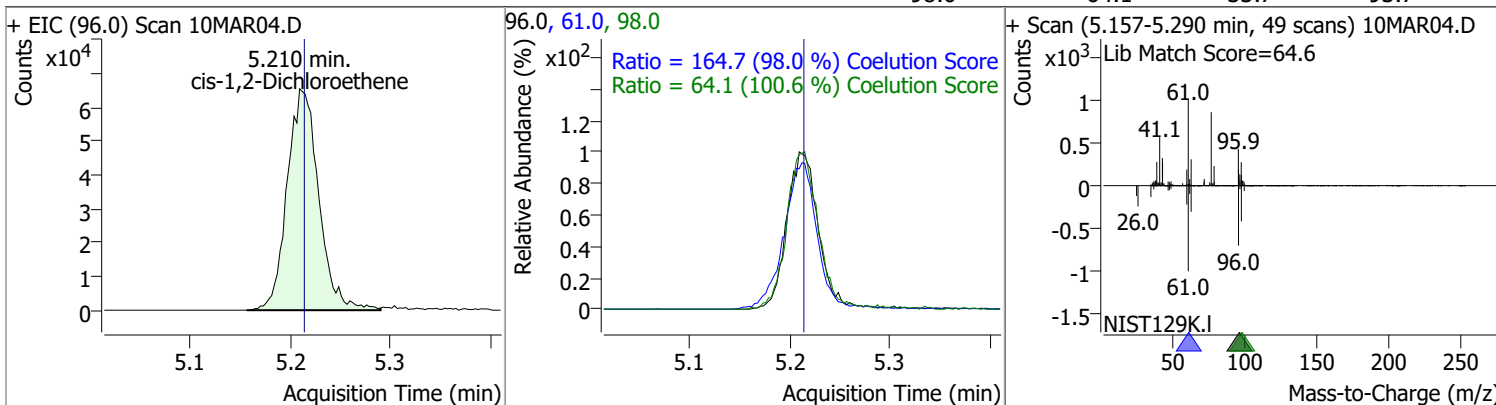


# Quantitation Results Report (QT Reviewed)

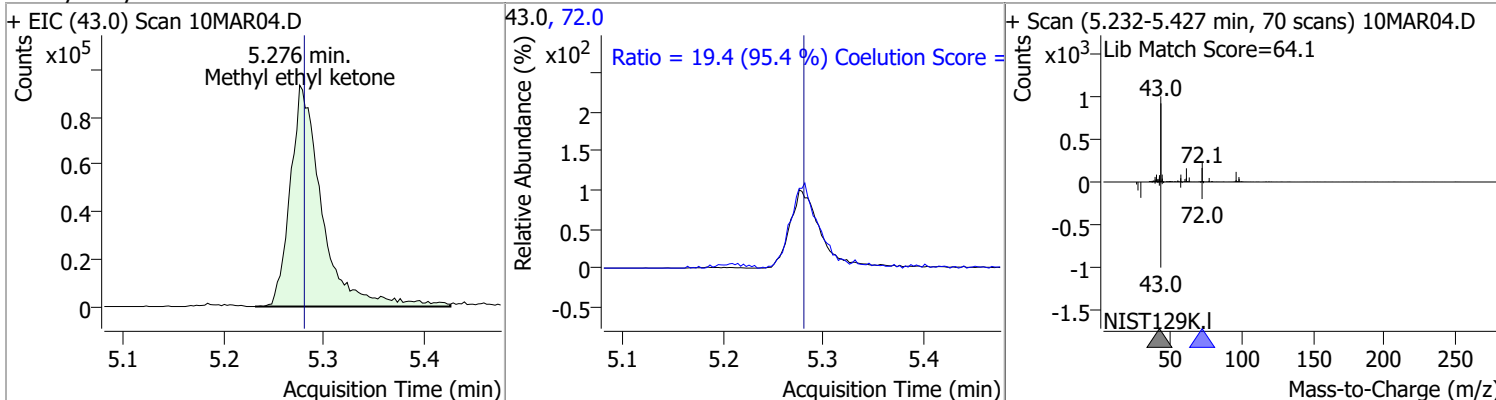
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	129.6271	5.19	0.00	199663	41.0	67.8	38.2	98.2
					97.0	22.5	0.0	52.4



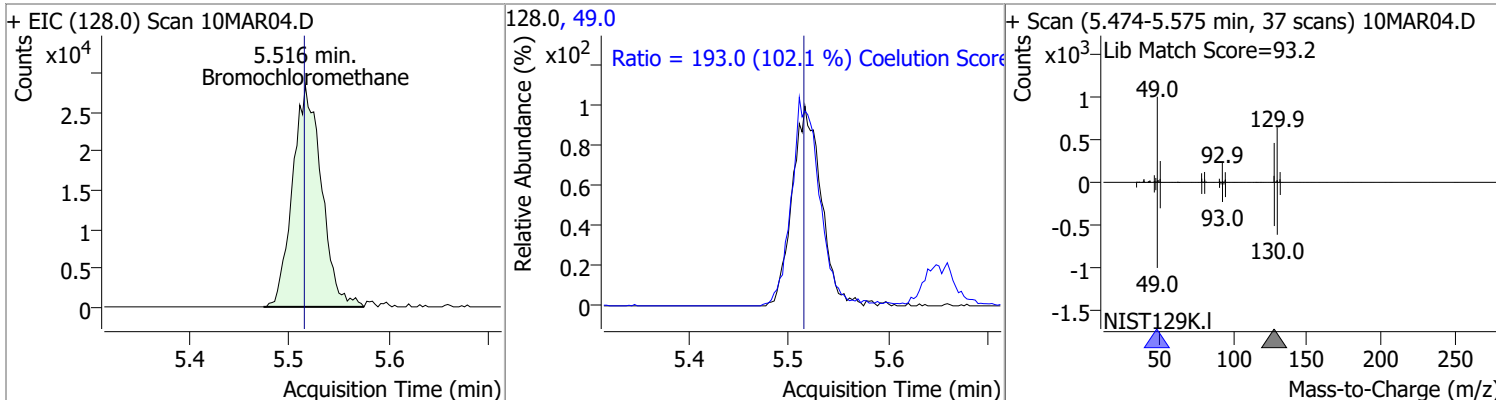
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	135.7237	5.21	-0.01	143214	61.0	164.7	138.1	198.1
					98.0	64.1	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1487.4999	5.28	-0.01	206303	72.0	19.4	0.0	50.3

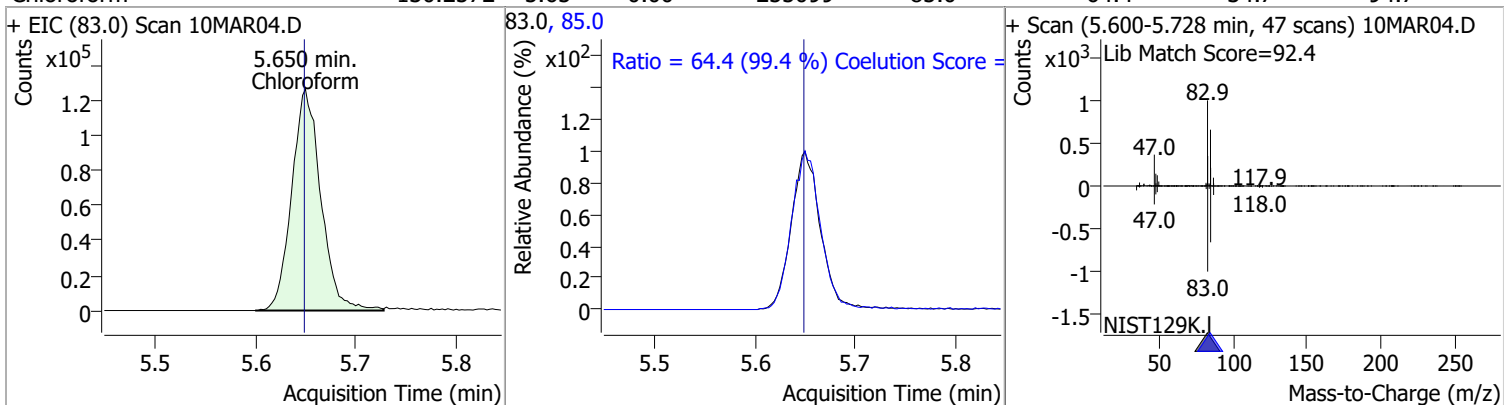


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	135.8789	5.52	0.00	57164	49.0	193.0	159.1	219.1

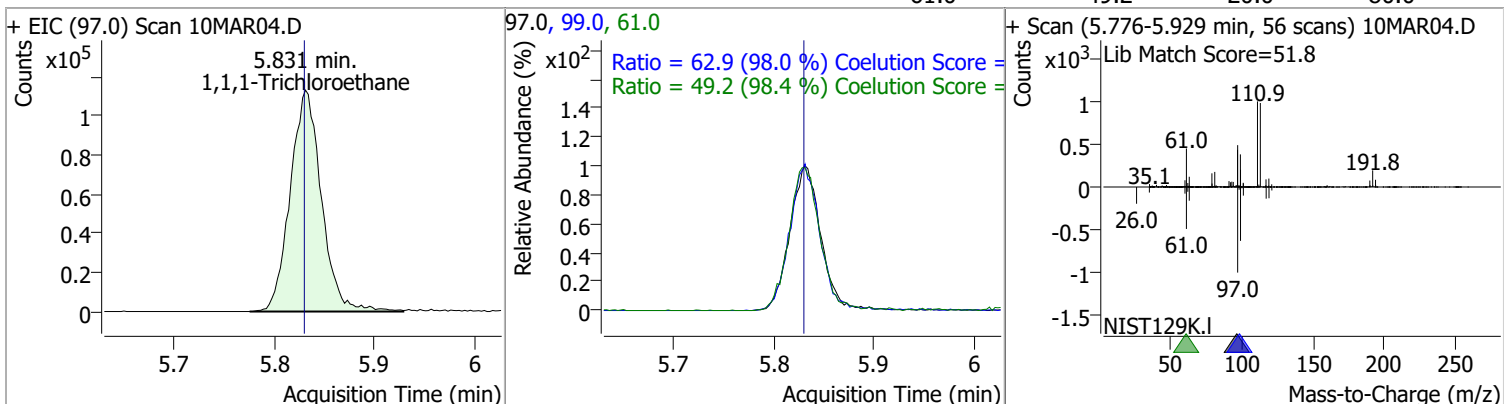


# Quantitation Results Report (QT Reviewed)

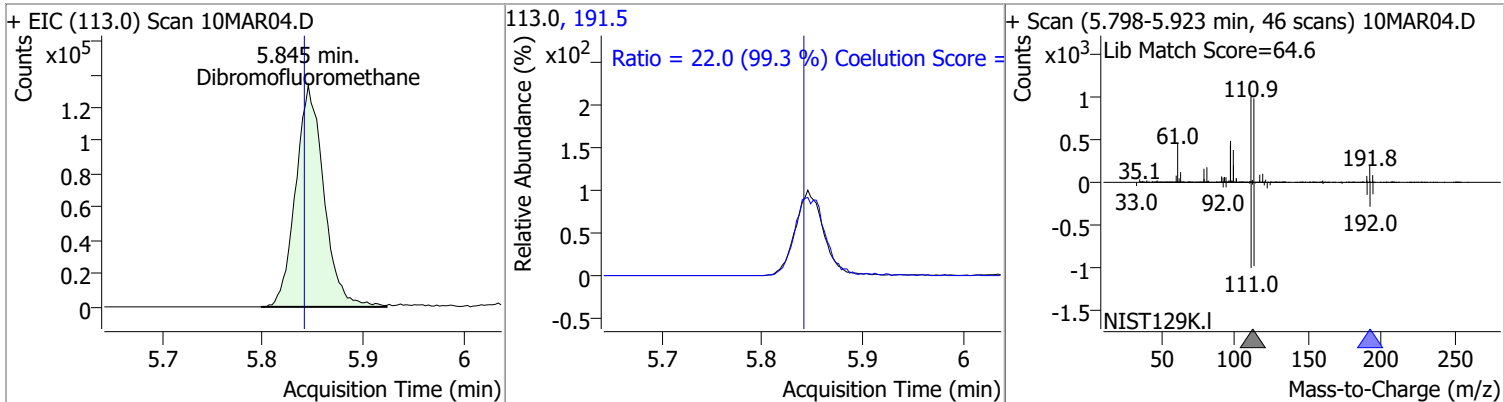
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	130.2572	5.65	0.00	255099	85.0	64.4	34.7	94.7



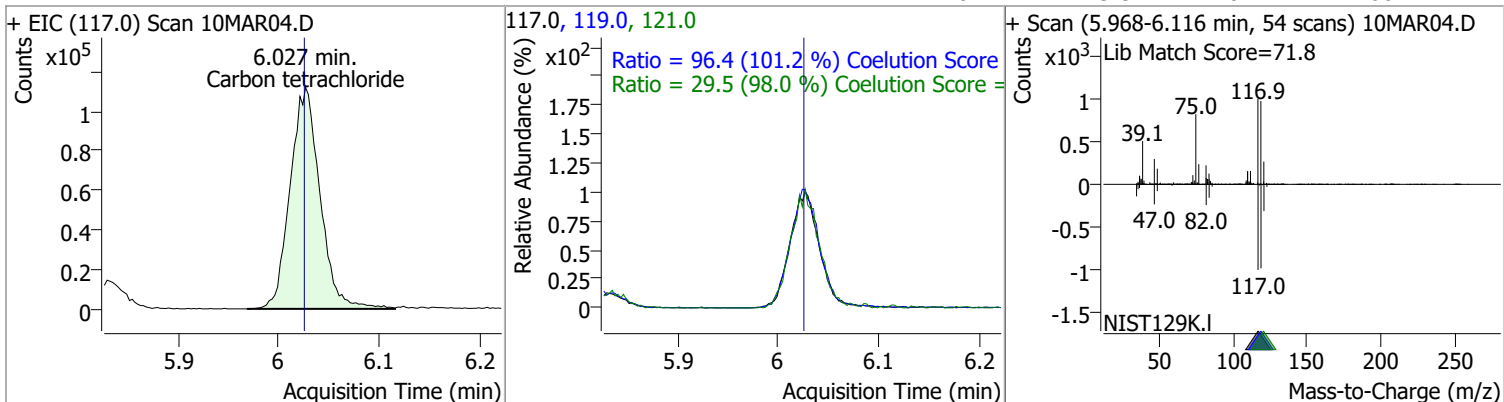
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1-Trichloroethane	128.7391	5.83	0.00	244463	99.0	62.9	34.2	94.2
					61.0	49.2	20.0	80.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	259.4579	5.85	0.00	260429	191.5	22.0	0.0	52.2

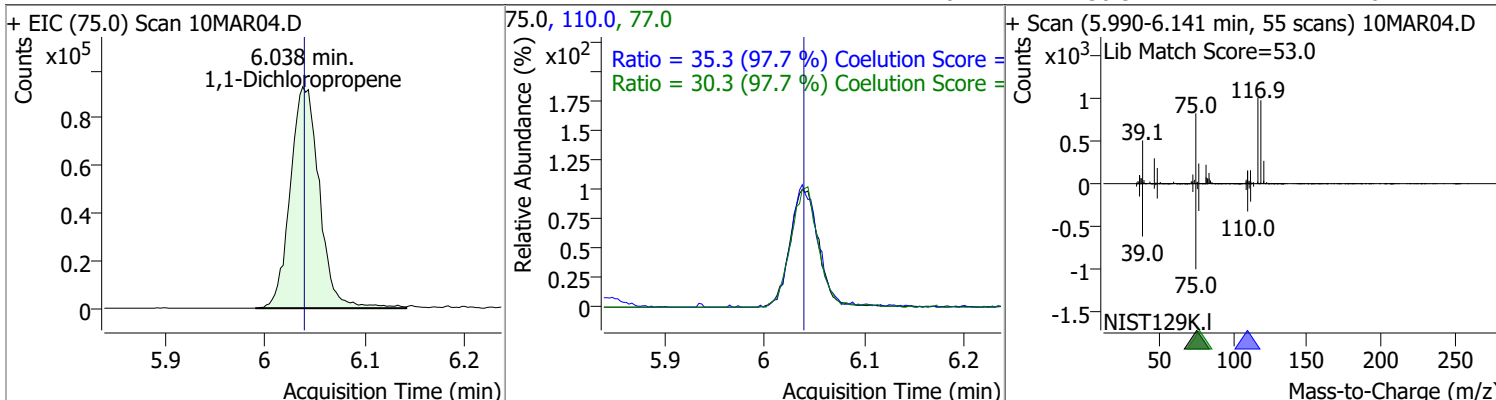


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Carbon tetrachloride	123.7694	6.03	0.00	232006	119.0	96.4	65.3	125.3
					121.0	29.5	0.1	60.1

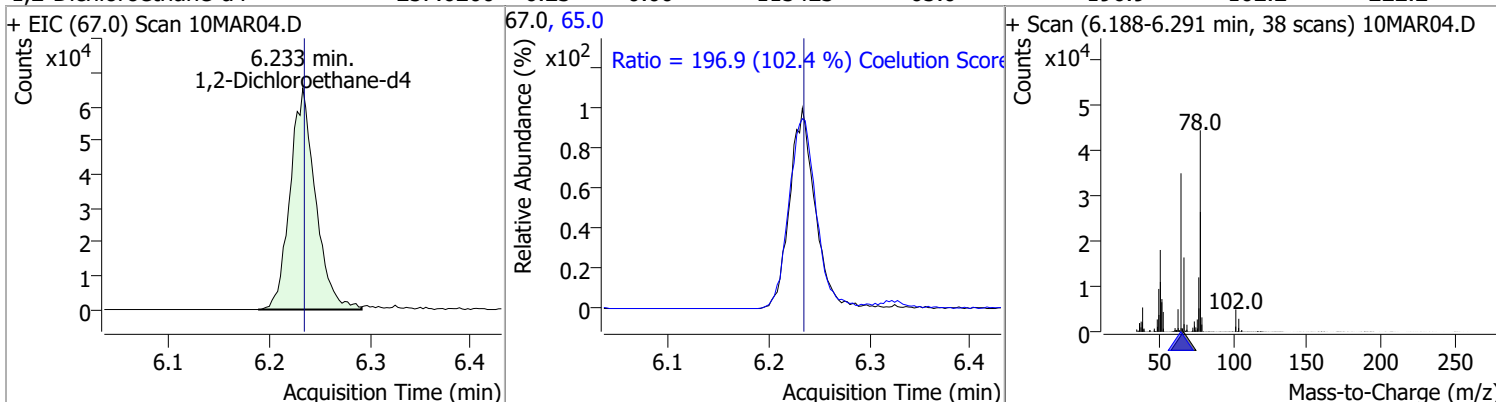


# Quantitation Results Report (QT Reviewed)

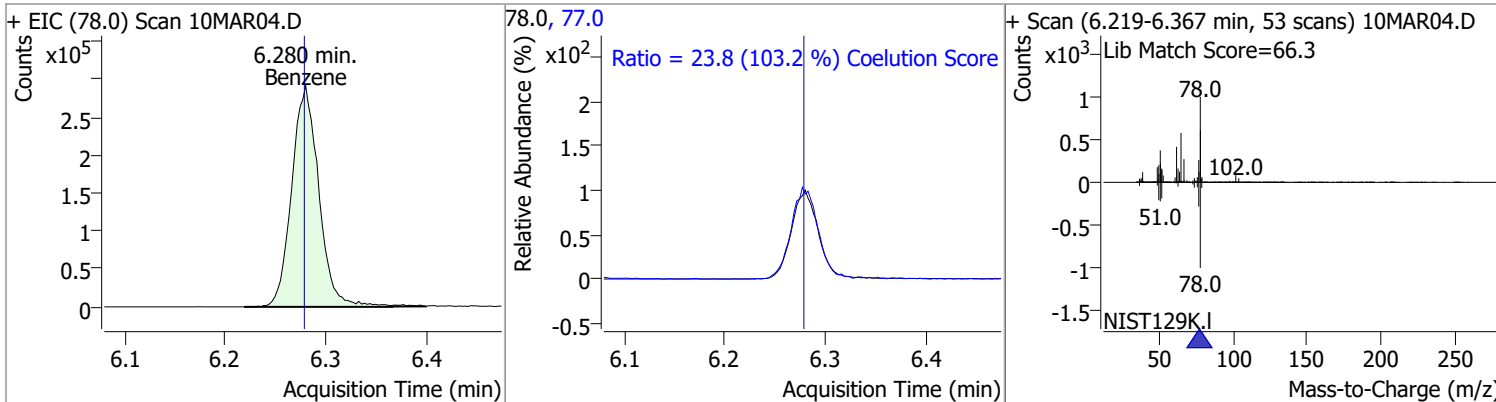
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	122.1648	6.04	0.00	188234	110.0	35.3	6.1	66.1
					77.0	30.3	1.1	61.1



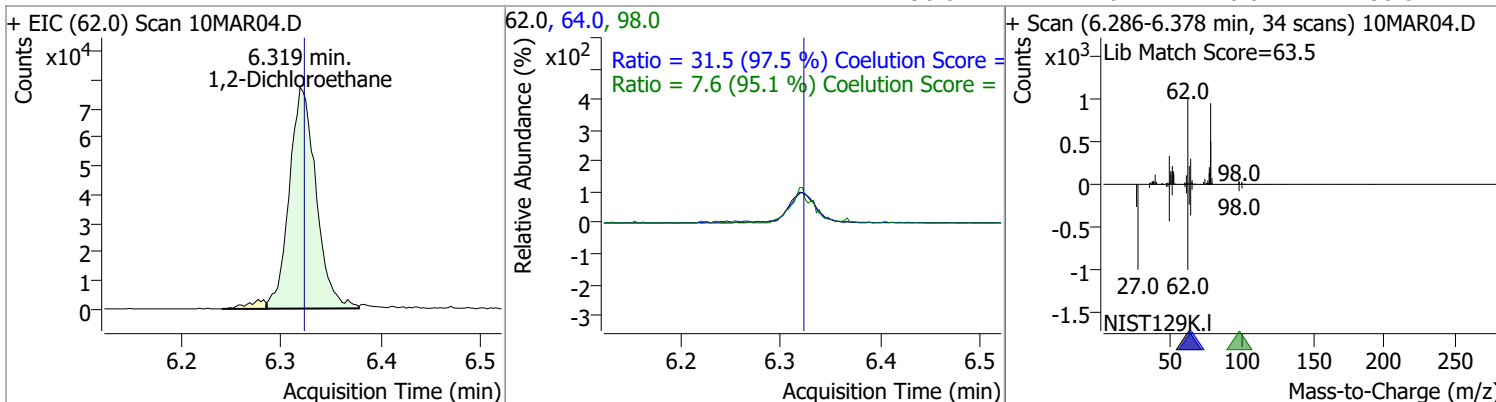
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	257.6200	6.23	0.00	115423	65.0	196.9	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	136.0849	6.28	0.00	546643	77.0	23.8	0.0	53.0



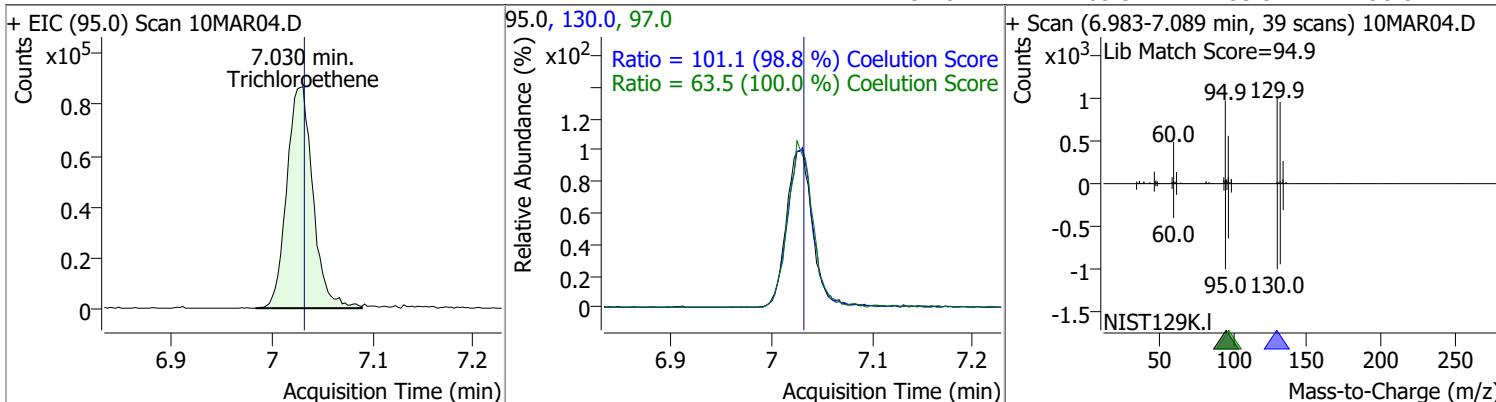
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	132.1740	6.32	-0.01	143473	64.0	31.5	2.3	62.3
					98.0	7.6	0.0	38.0



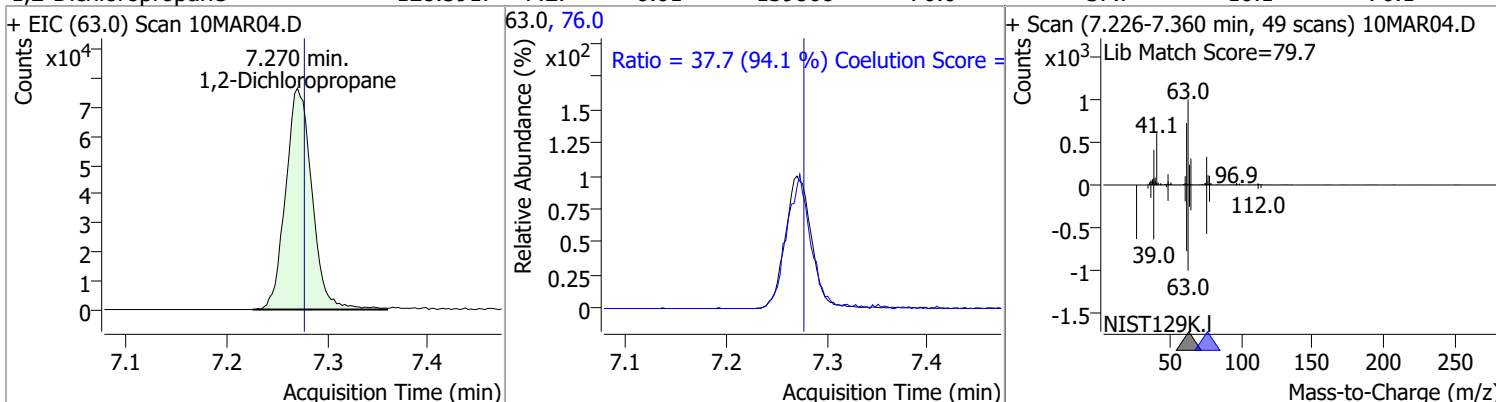


# Quantitation Results Report (QT Reviewed)

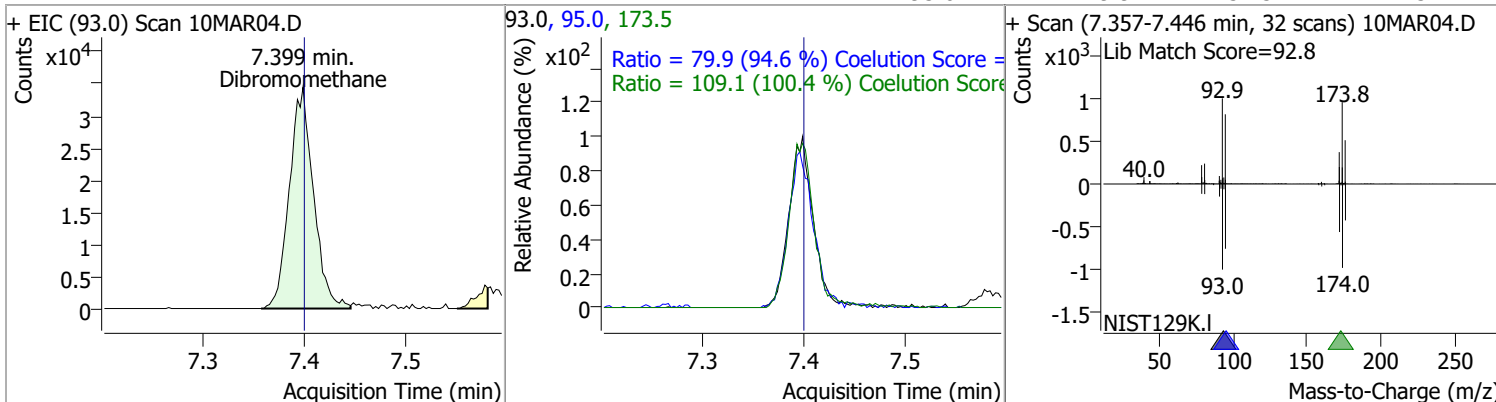
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	126.1837	7.03	0.00	157529	130.0	101.1	72.3	132.3
					97.0	63.5	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	128.5917	7.27	-0.01	139868	76.0	37.7	10.1	70.1

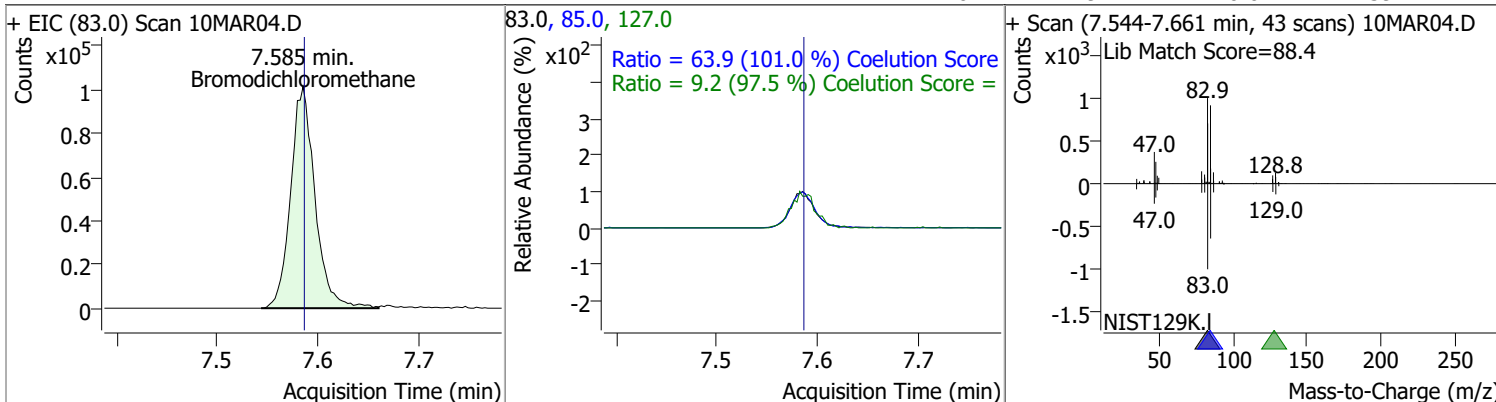


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	124.8284	7.40	0.00	57486	173.5	109.1	78.6	138.6
					95.0	79.9	54.5	114.5

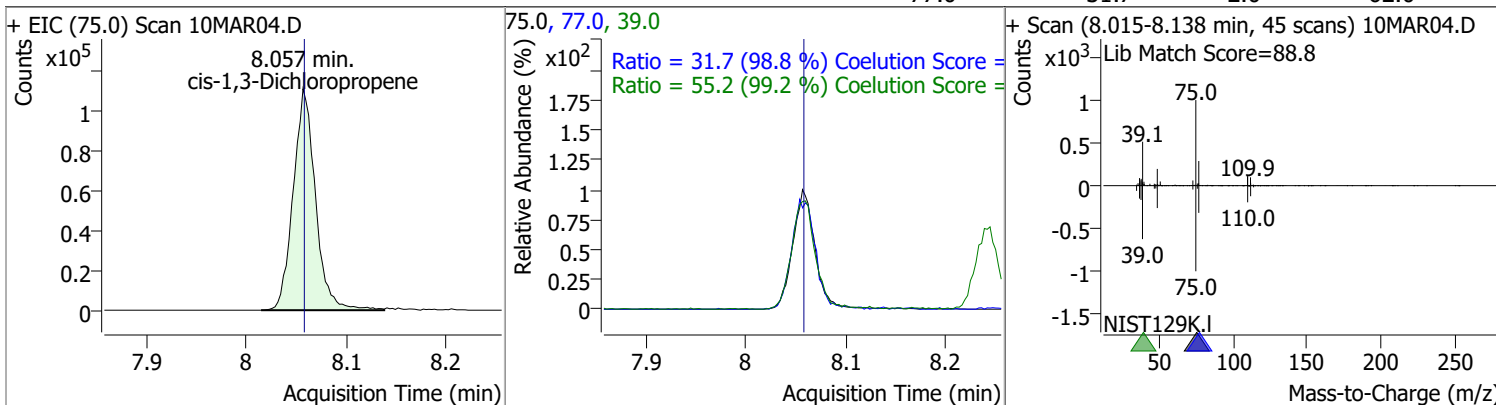


# Quantitation Results Report (QT Reviewed)

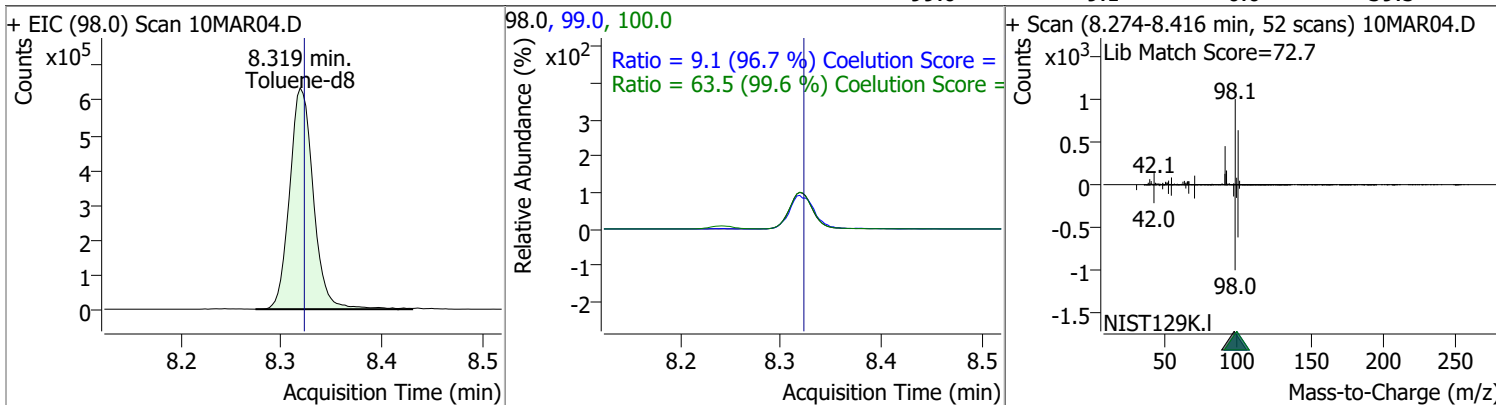
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	132.7297	7.59	0.00	170707	85.0	63.9	33.2	93.2
					127.0	9.2	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	122.5476	8.06	0.00	171710	39.0	55.2	25.6	85.6
					77.0	31.7	2.0	62.0

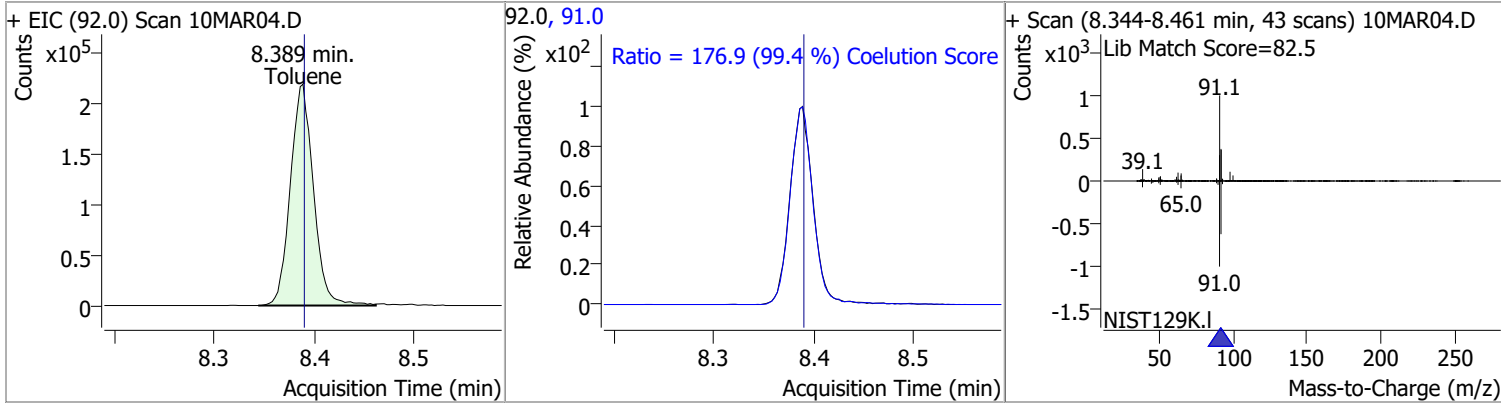


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	245.5937	8.32	0.00	1044986	100.0	63.5	33.7	93.7
					99.0	9.1	0.0	39.5

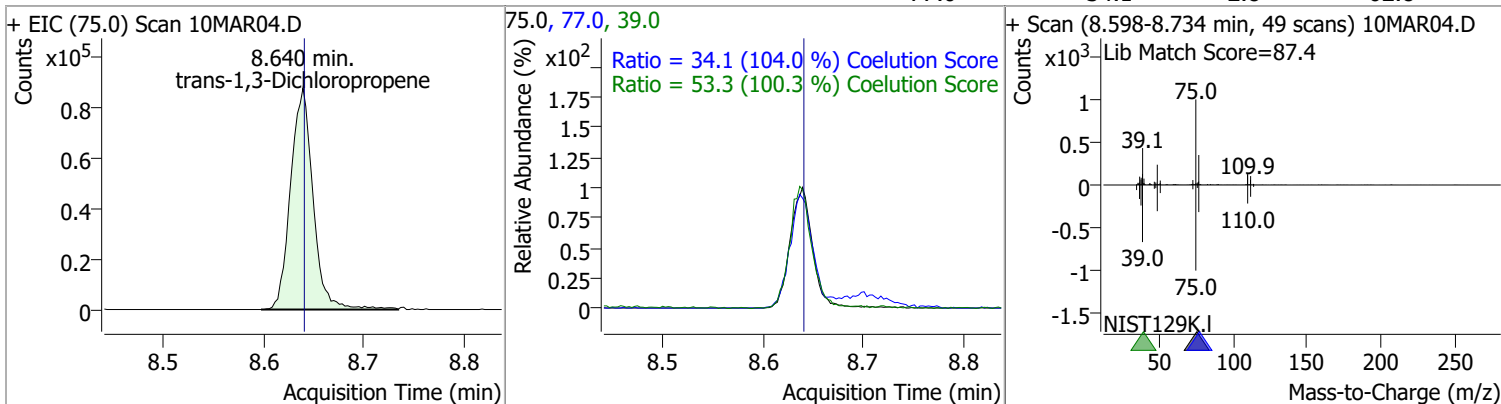


# Quantitation Results Report (QT Reviewed)

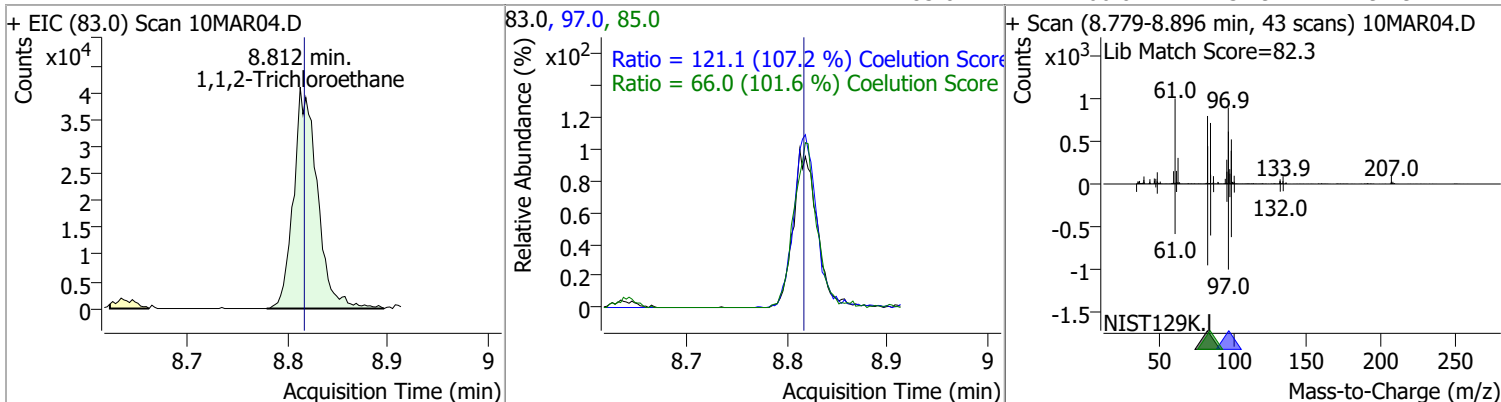
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	132.5200	8.39	0.00	348893	91.0	176.9	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	133.0466	8.64	0.00	137162	39.0 77.0	53.3 34.1	23.2 2.8	83.2 62.8

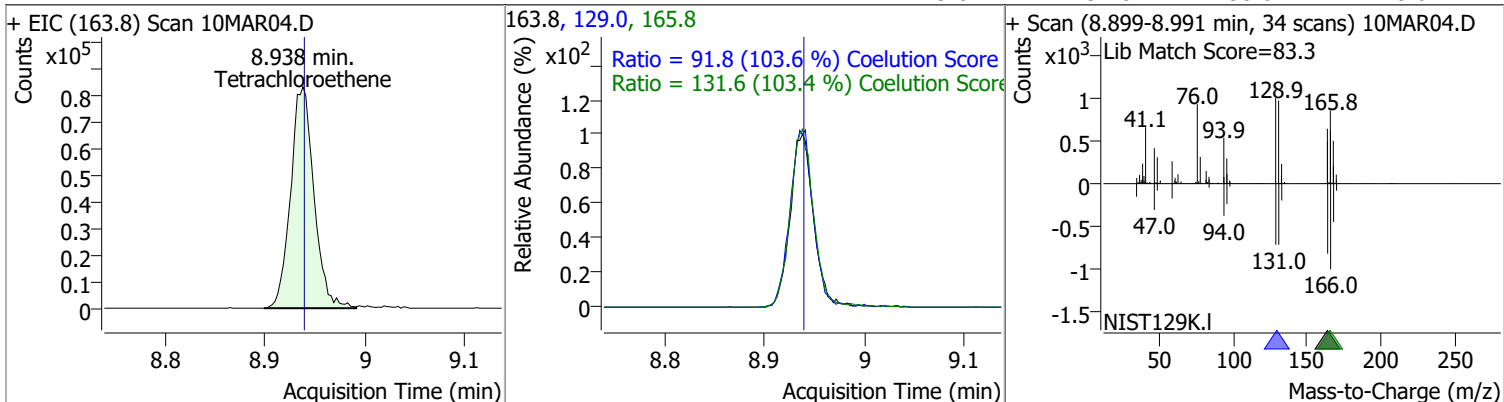


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	129.9812	8.81	0.00	67424	97.0 85.0	121.1 66.0	83.0 34.9	143.0 94.9

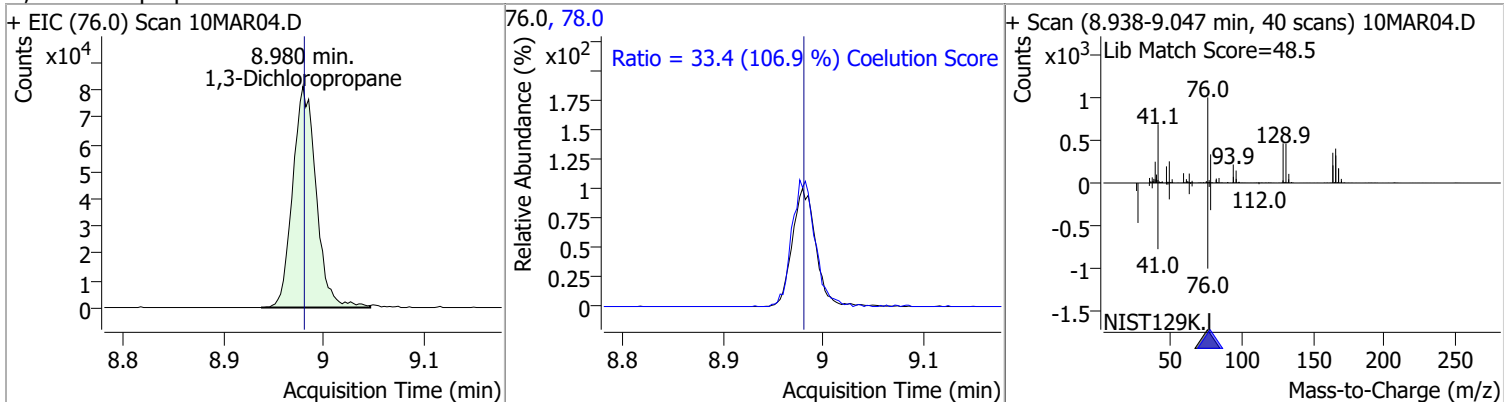


# Quantitation Results Report (QT Reviewed)

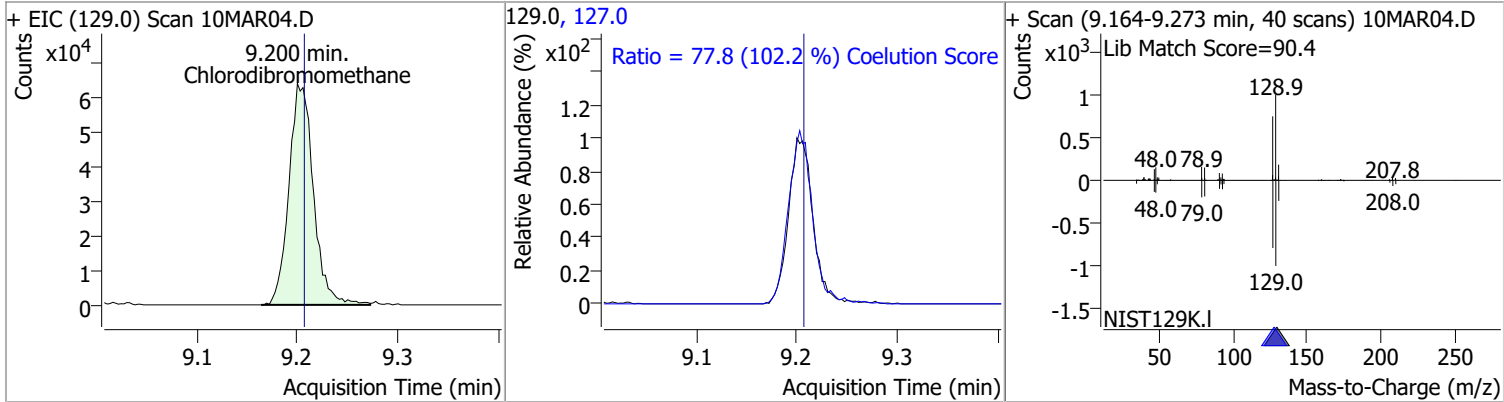
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	120.4974	8.94	0.00	134351	165.8	131.6	97.2	157.2
					129.0	91.8	58.6	118.6



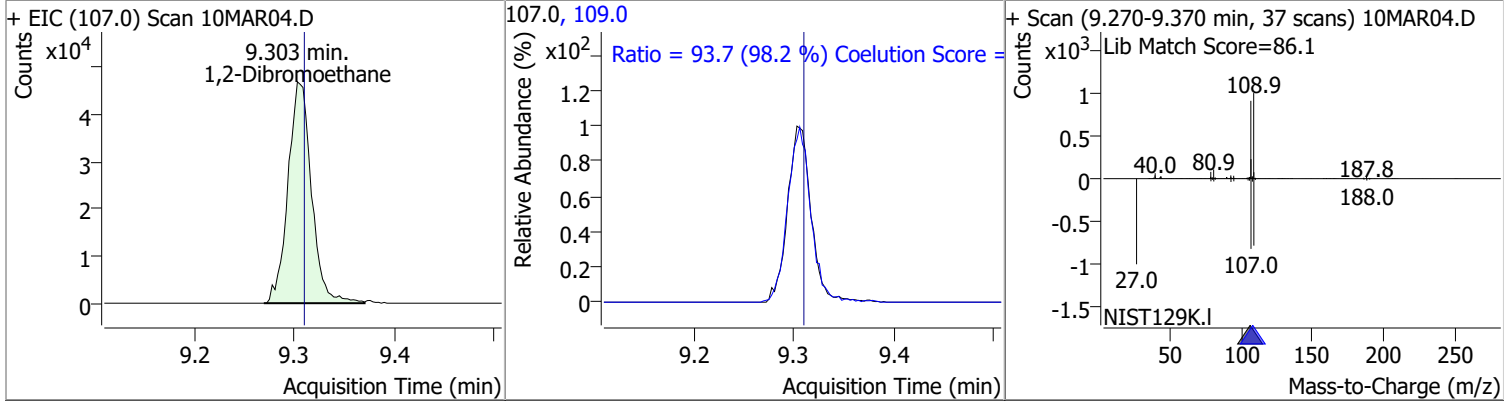
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	124.4540	8.98	0.00	132054	78.0	33.4	1.3	61.3



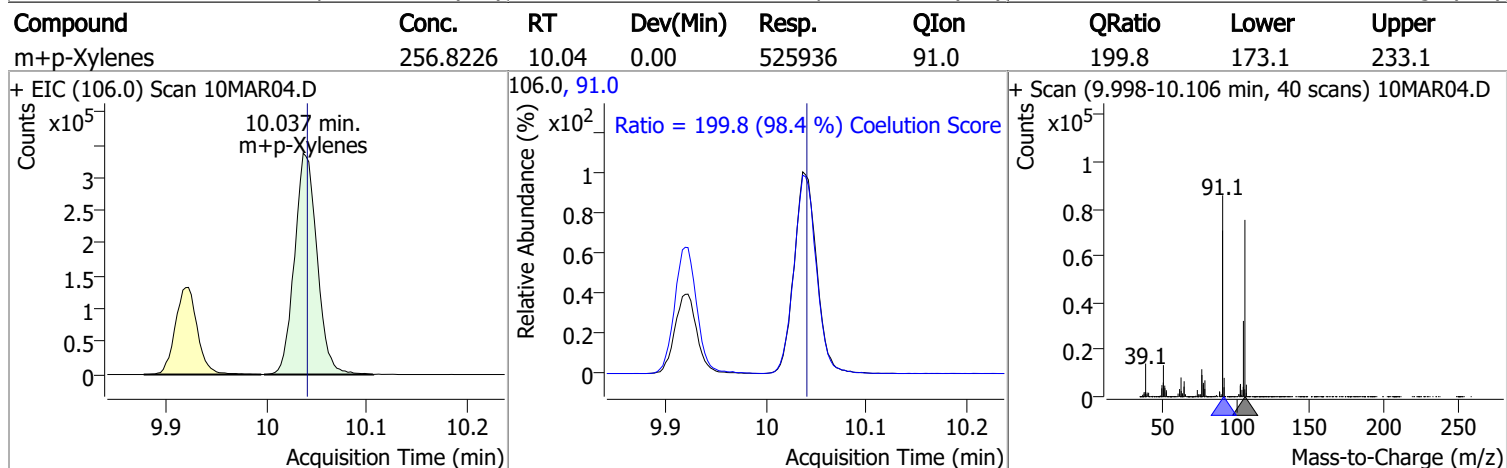
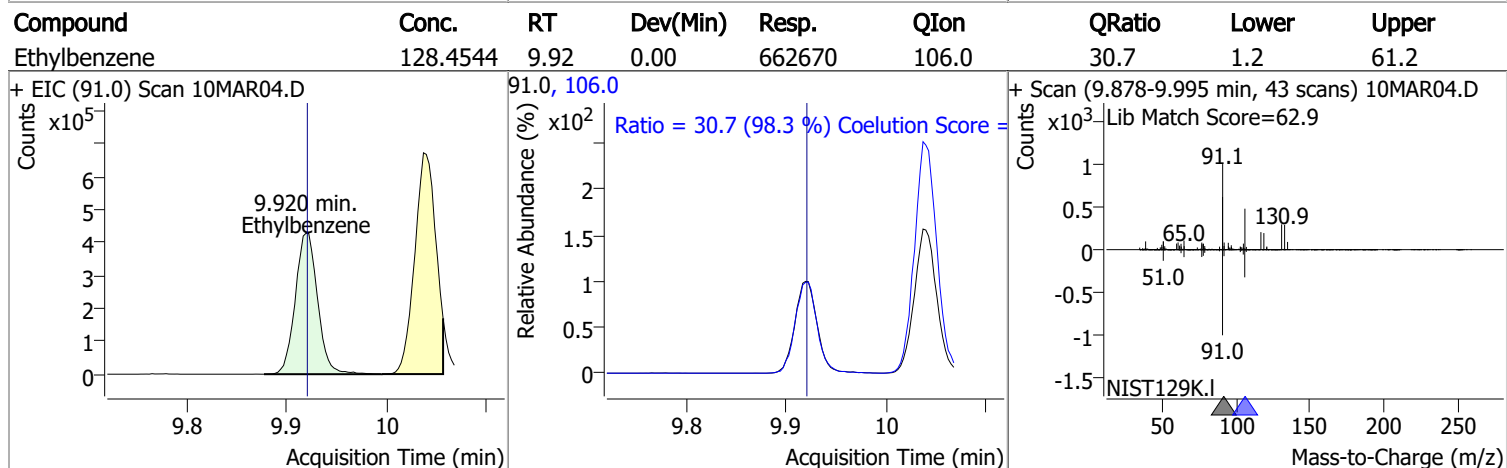
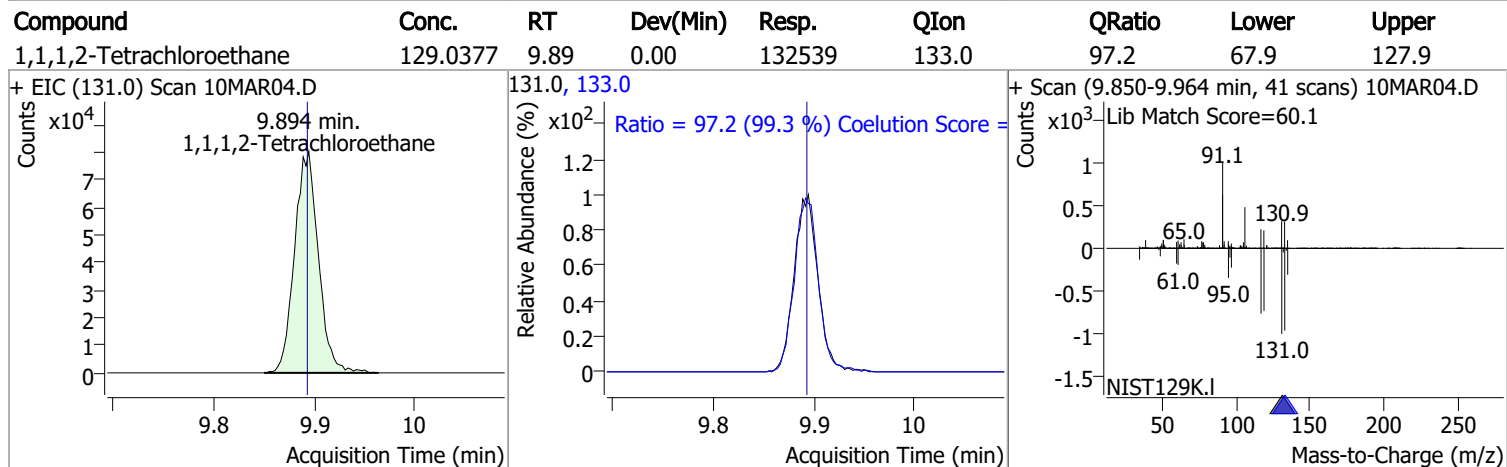
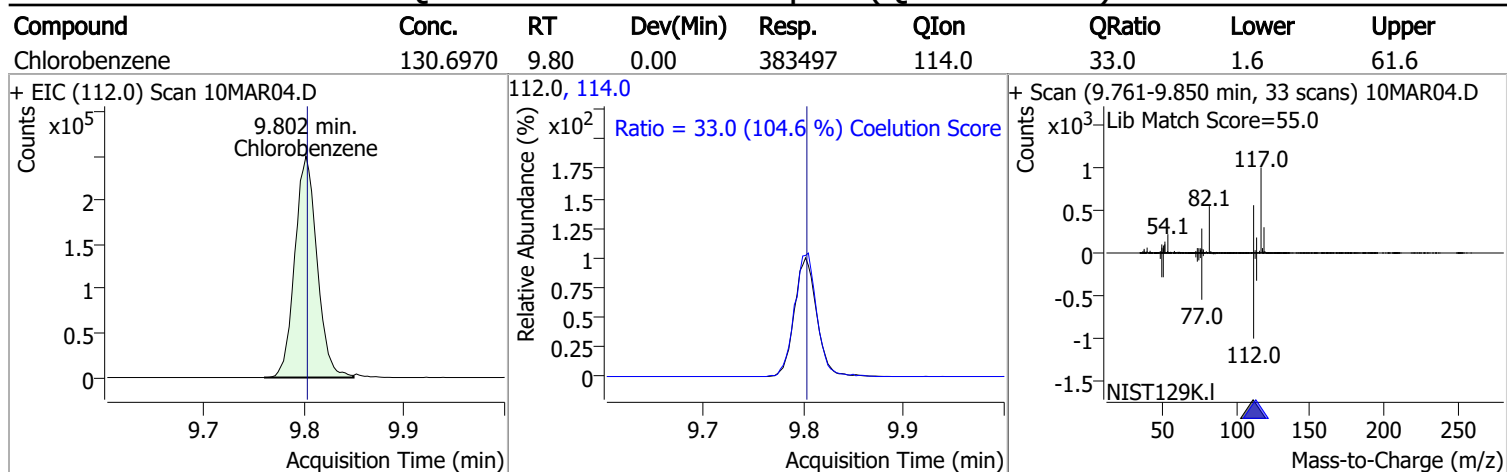
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	129.5537	9.20	-0.01	108643	127.0	77.8	46.1	106.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	131.7415	9.30	-0.01	76492	109.0	93.7	65.4	125.4

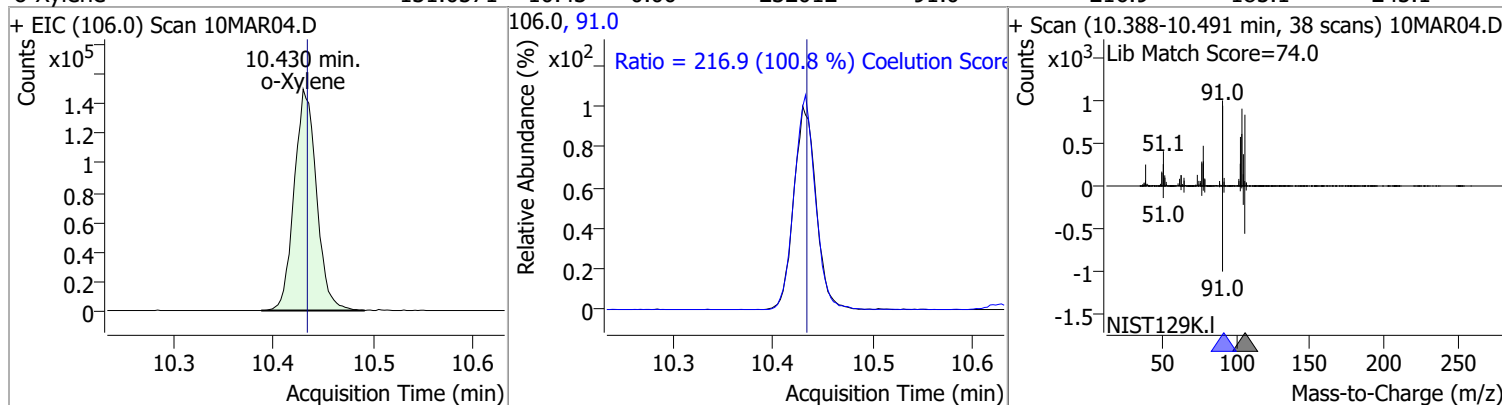


# Quantitation Results Report (QT Reviewed)

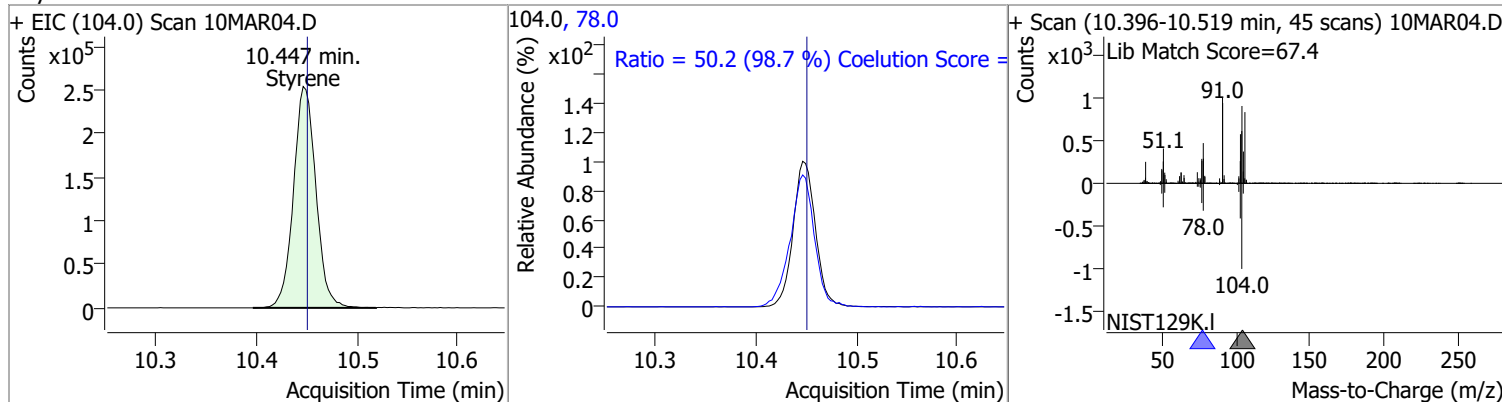


# Quantitation Results Report (QT Reviewed)

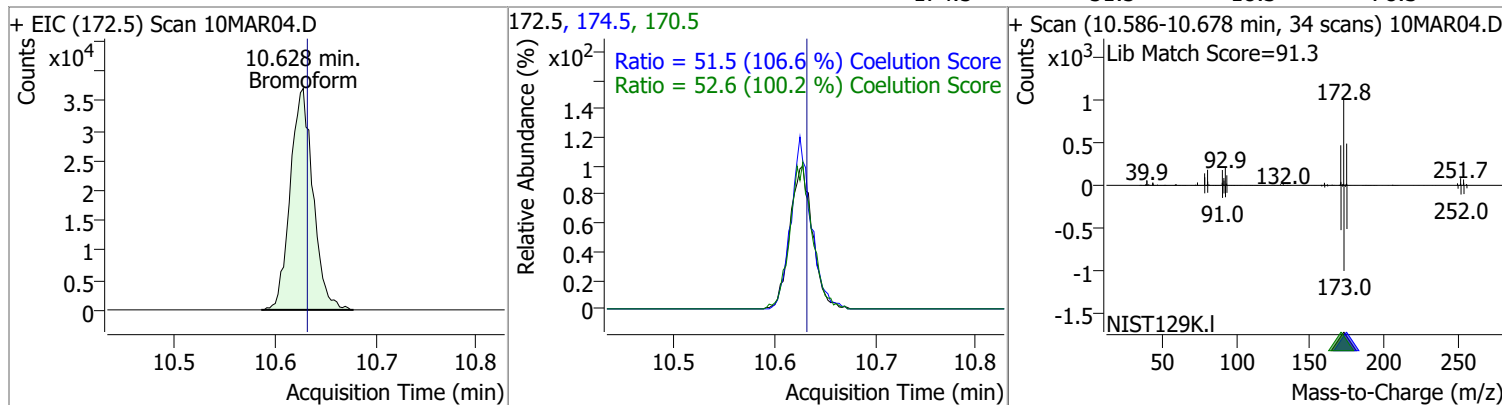
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	131.0571	10.43	0.00	232012	91.0	216.9	185.1	245.1



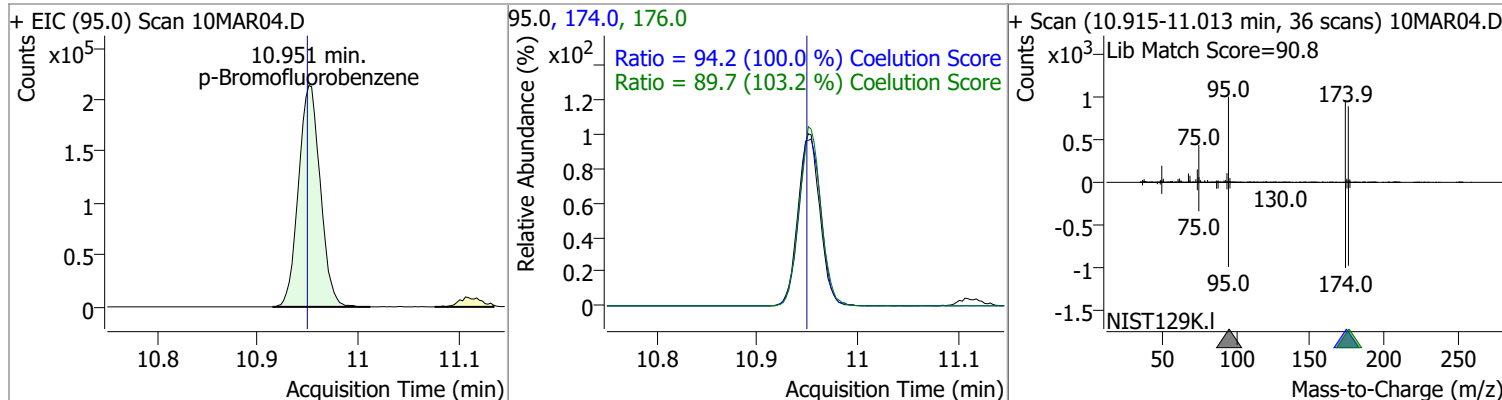
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	133.3143	10.45	0.00	393691	78.0	50.2	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	131.7741	10.63	0.00	58617	170.5	52.6	22.5	82.5
					174.5	51.5	18.3	78.3

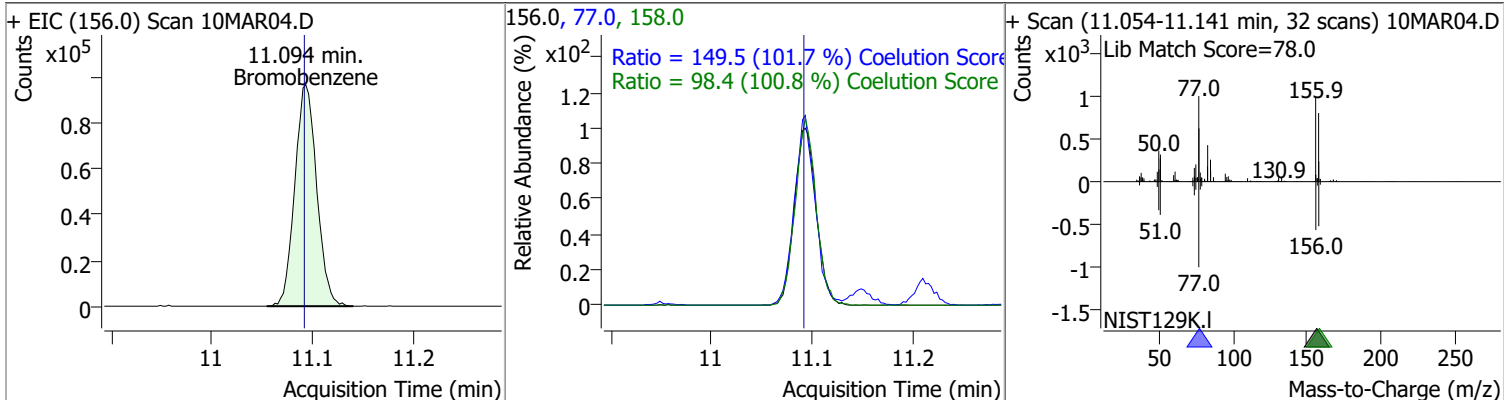


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.7003	10.95	0.00	322352	174.0	94.2	64.2	124.2
					176.0	89.7	56.9	116.9

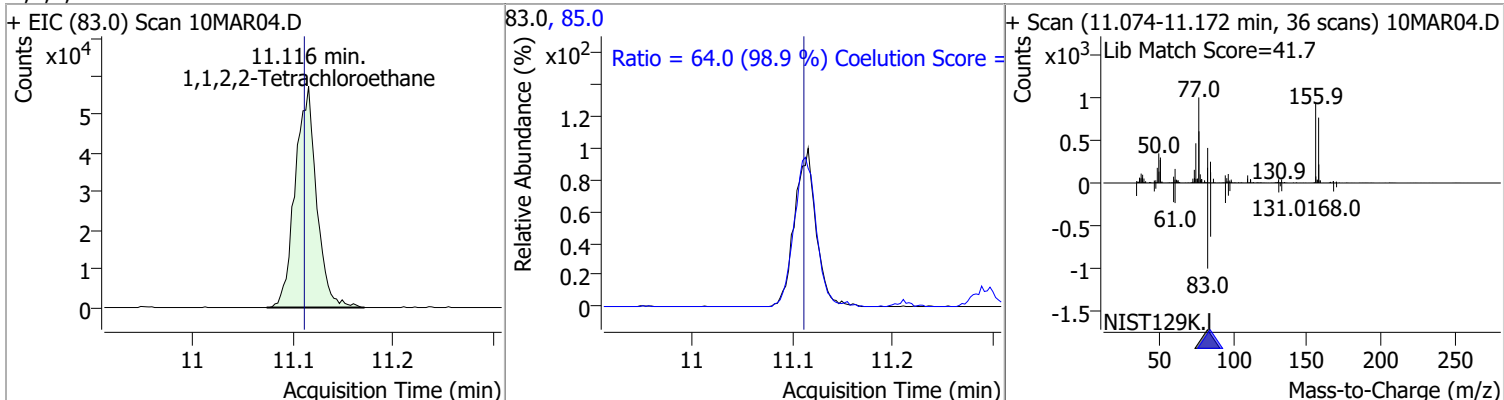


# Quantitation Results Report (QT Reviewed)

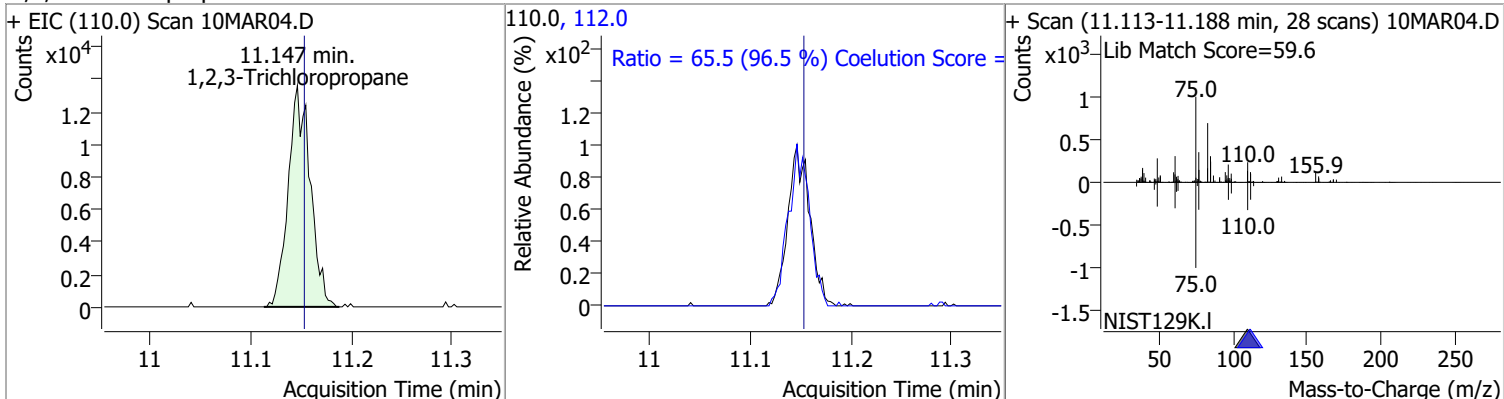
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	133.3897	11.09	0.00	146409	77.0	149.5	117.1	177.1
					158.0	98.4	67.6	127.6



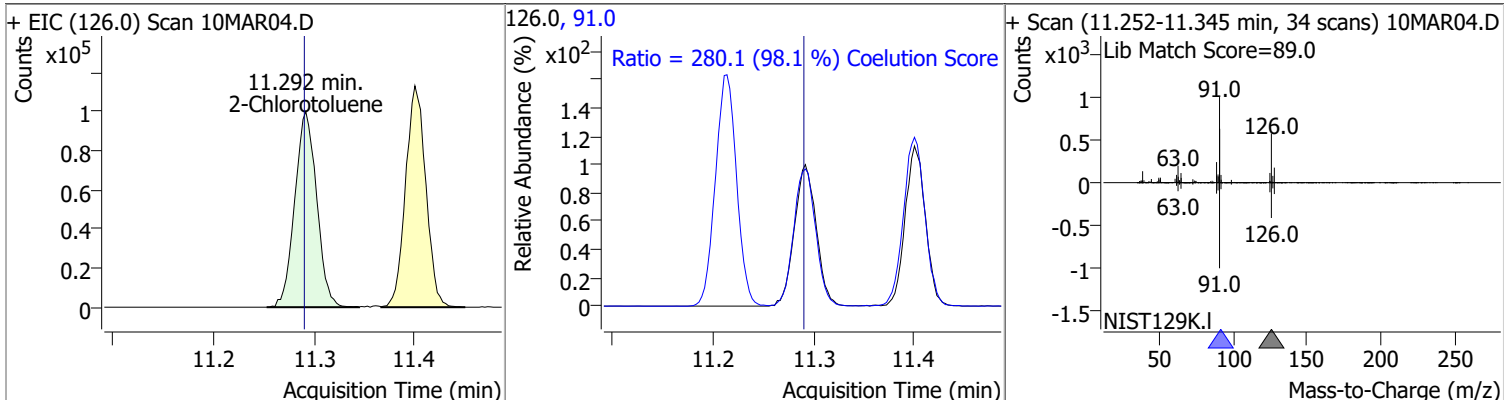
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	135.9999	11.12	0.01	85017	85.0	64.0	34.7	94.7



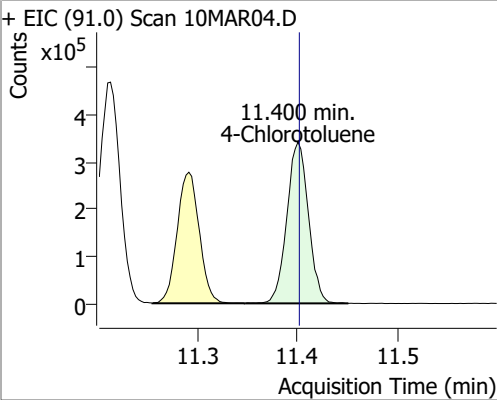
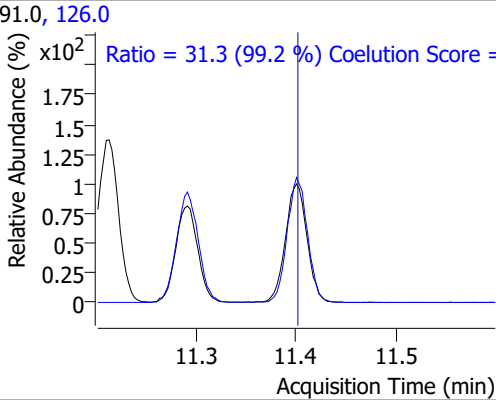
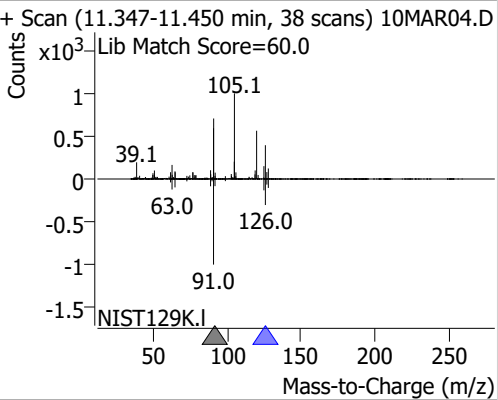
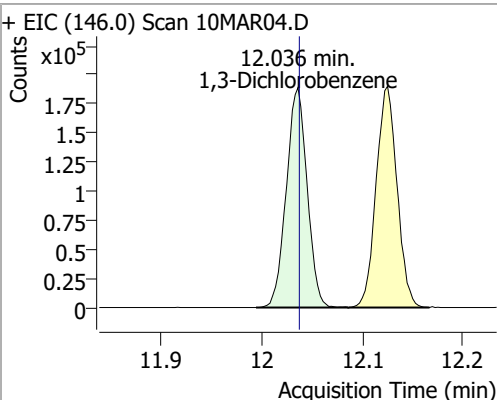
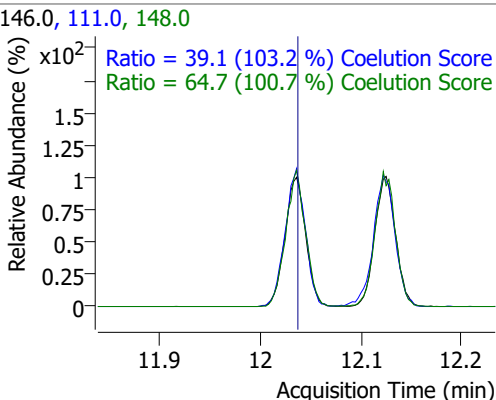
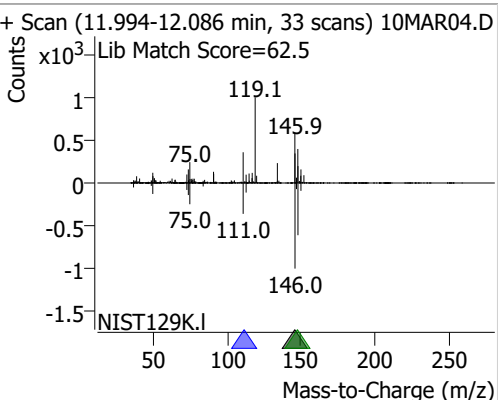
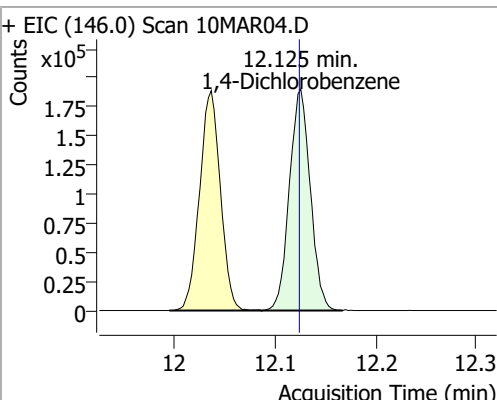
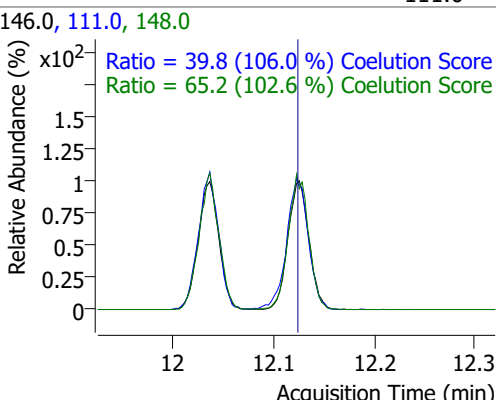
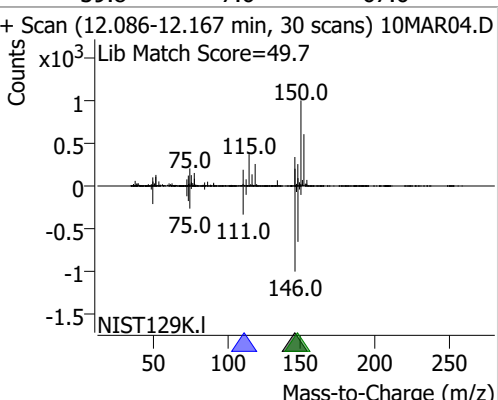
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	124.9748	11.15	-0.01	20750	112.0	65.5	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	139.0544	11.29	0.00	151915	91.0	280.1	255.6	315.6



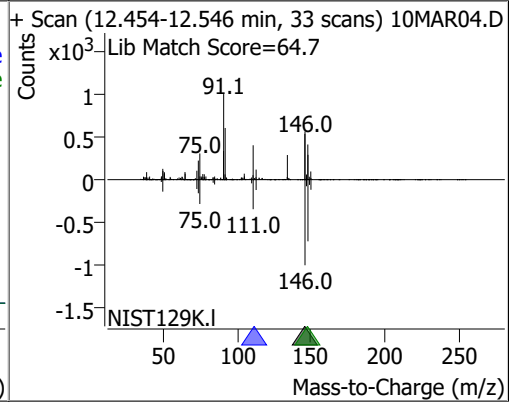
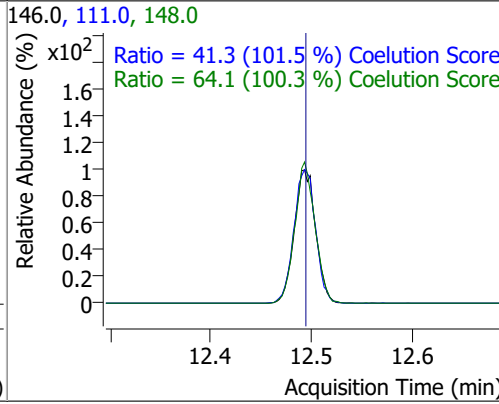
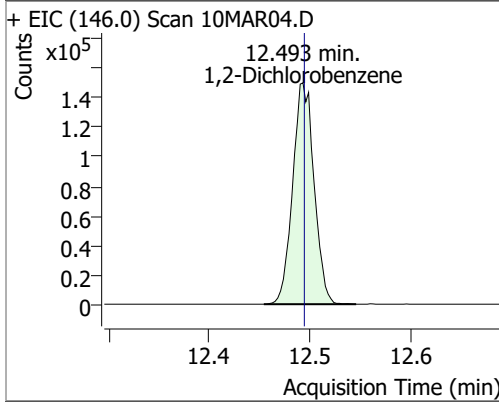
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	142.2354	11.40	0.00	508332	126.0	31.3	1.5	61.5
+ EIC (91.0) Scan 10MAR04.D 			91.0, 126.0 			+ Scan (11.347-11.450 min, 38 scans) 10MAR04.D Lib Match Score=60.0 		
1,3-Dichlorobenzene	139.0128	12.04	0.00	272435	148.0	64.7	34.3	94.3
+ EIC (146.0) Scan 10MAR04.D 			146.0, 111.0, 148.0 Ratio = 39.1 (103.2 %) Coelution Score Ratio = 64.7 (100.7 %) Coelution Score 			+ Scan (11.994-12.086 min, 33 scans) 10MAR04.D Lib Match Score=62.5 		
1,4-Dichlorobenzene	134.5161	12.13	0.00	275315	148.0	65.2	33.5	93.5
+ EIC (146.0) Scan 10MAR04.D 			146.0, 111.0, 148.0 Ratio = 39.8 (106.0 %) Coelution Score Ratio = 65.2 (102.6 %) Coelution Score 			+ Scan (12.086-12.167 min, 30 scans) 10MAR04.D Lib Match Score=49.7 		



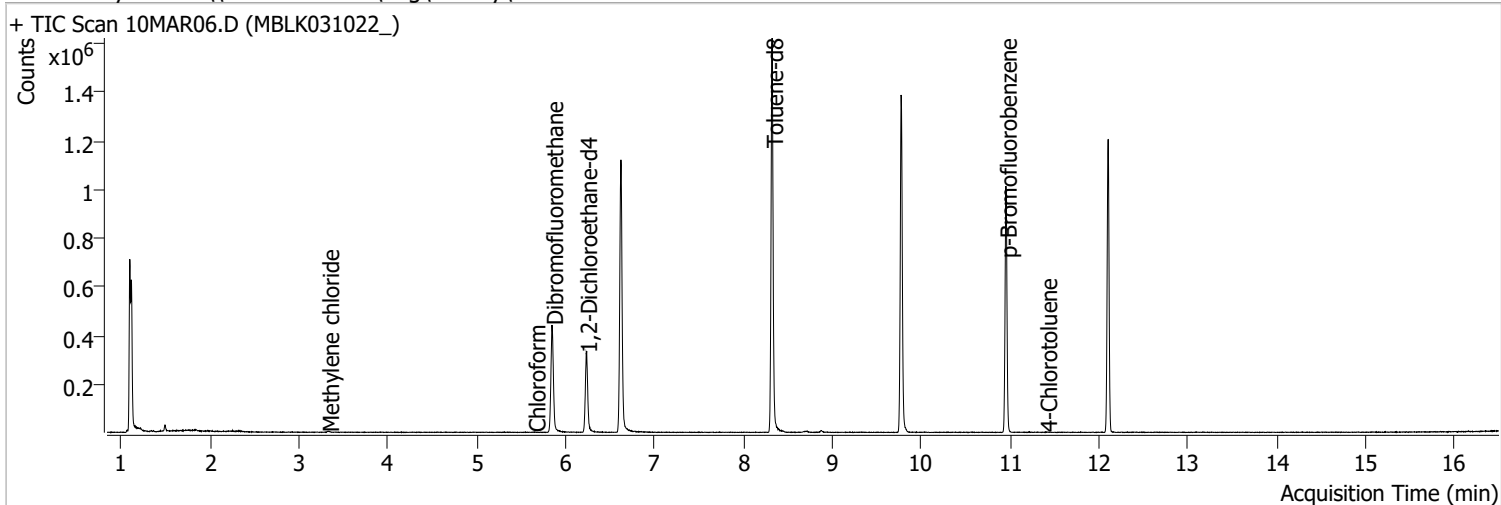
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	133.9430	12.49	0.00	222422	148.0	64.1	33.9	93.9
					111.0	41.3	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File	10MAR06.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 1:53:12 PM
Sample Name	MBLK031022_	Instrument	VOA5975C
Vial	6	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



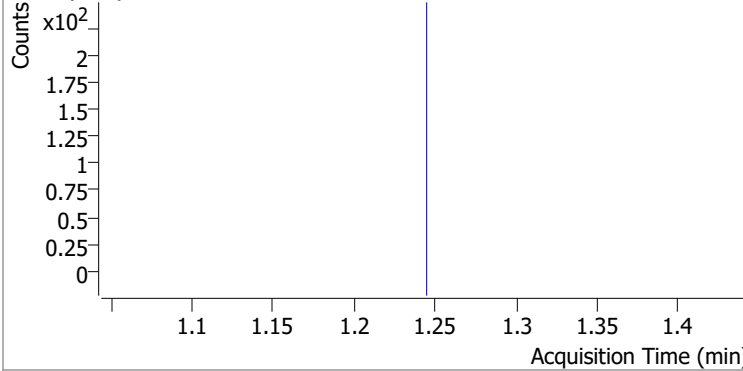
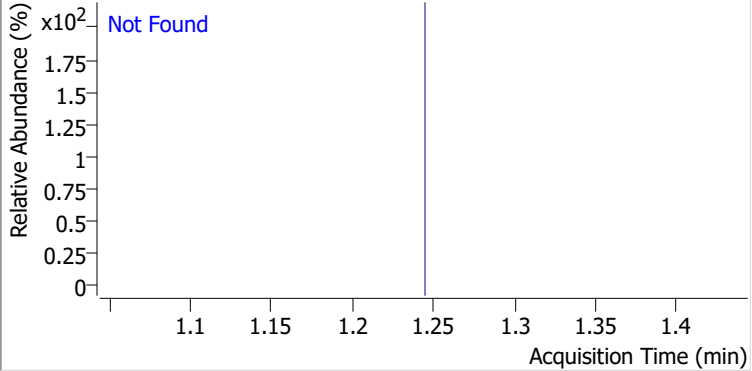
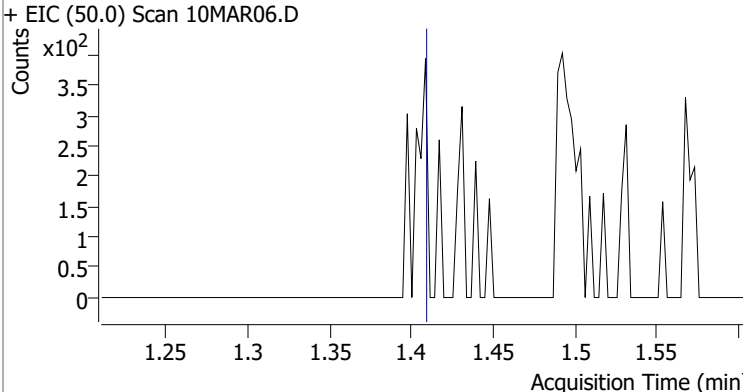
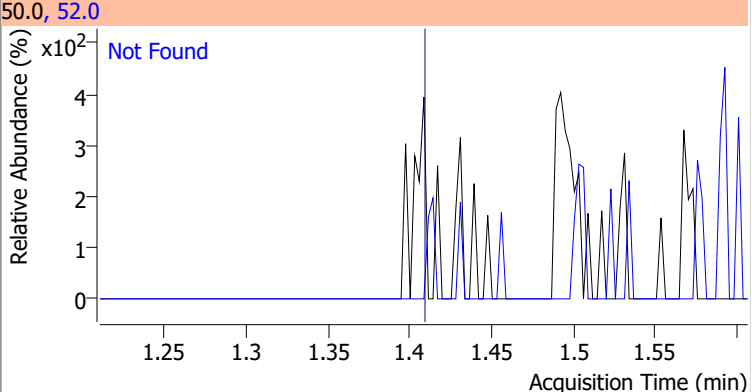
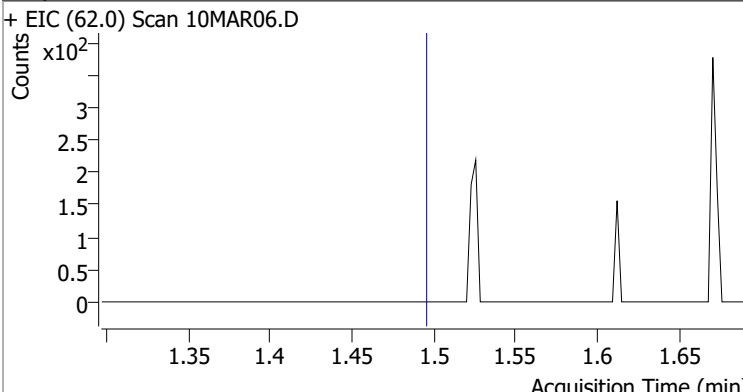
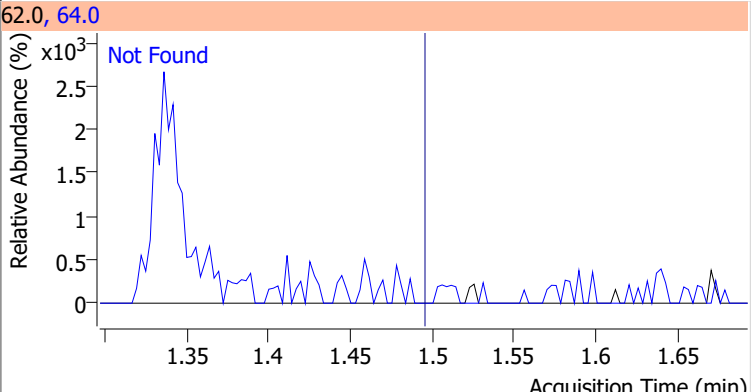
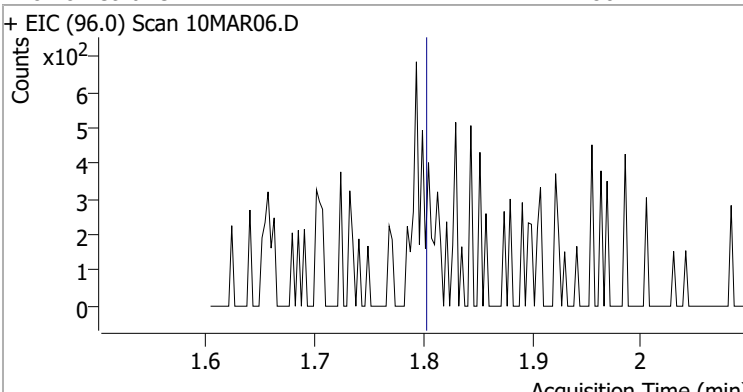
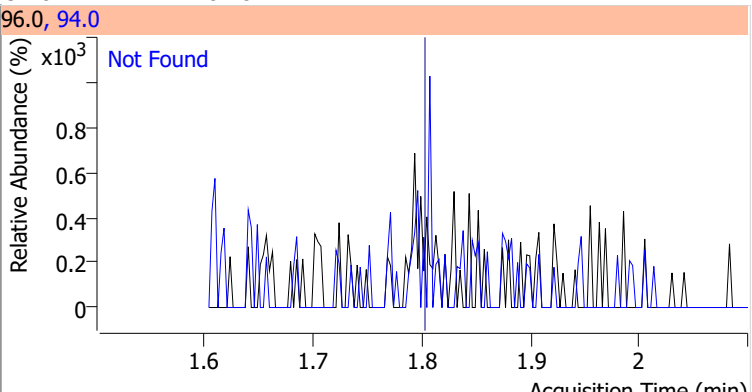
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.621	96.0	941483	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	386894	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	293709	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	253128	264.6056	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 105.84%		
S 1,2-Dichloroethane-d4	6.230	67.0	116261	272.2716	ng	-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 108.91%		
S Toluene-d8	8.322	98.0	962775	233.4544	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.38%		
S p-Bromofluorobenzene	10.951	95.0	281262	259.7066	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 103.88%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	0.000		0	N.D.		
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.327	49.0	2694	1.8575	ng m	97
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.647	83.0	582	0.3121	ng m	67

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	0.000		0	N.D.		
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	10.031	106.0	0		ng md	1
T o-Xylene	0.000		0	N.D.		
T Styrene	10.455	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	11.403	91.0	264	0.0830	ng m	82
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.		

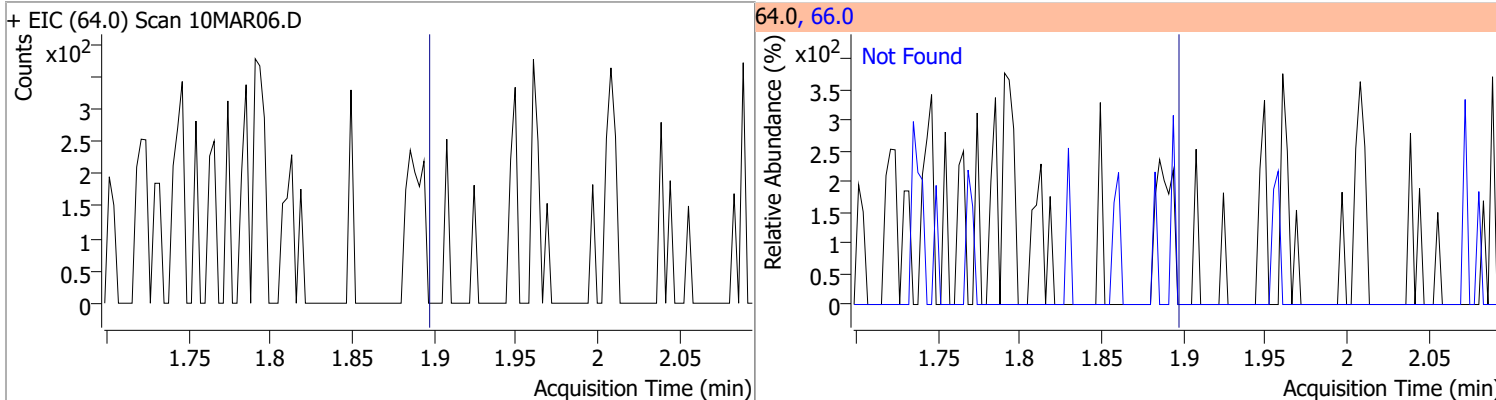
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

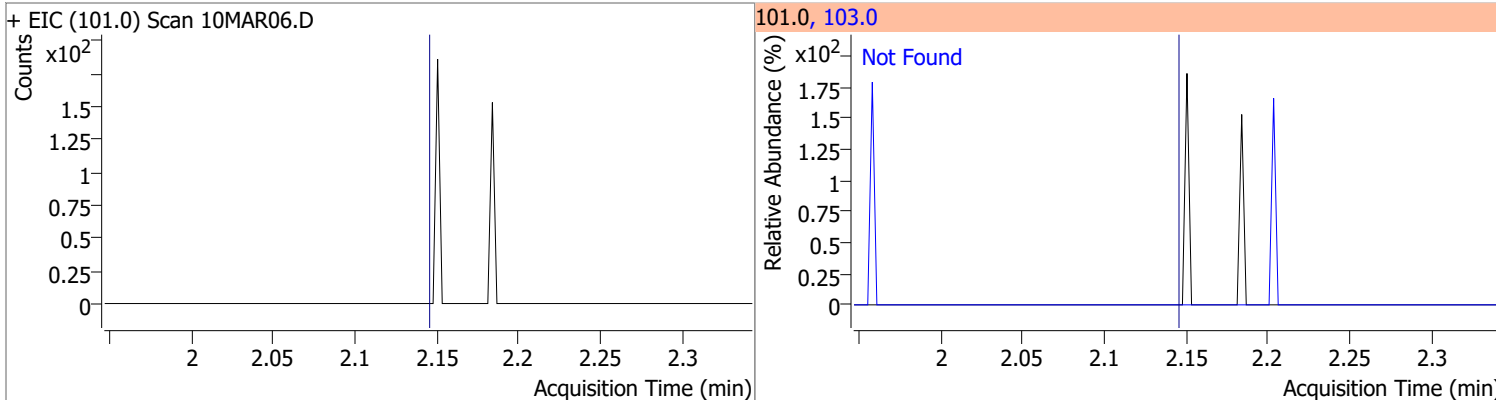
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5
+ EIC (85.0) Scan 10MAR06.D ***NO DATA POINTS***			85.0, 87.0	
				
Chloromethane	N.D.	1.41	52.0	33.0
+ EIC (50.0) Scan 10MAR06.D			50.0, 52.0	
				
Vinyl chloride	N.D.	1.49	64.0	30.6
+ EIC (62.0) Scan 10MAR06.D			62.0, 64.0	
				
Bromomethane	N.D.	1.80	94.0	104.8
+ EIC (96.0) Scan 10MAR06.D			96.0, 94.0	
				

# Quantitation Results Report (QT Reviewed)

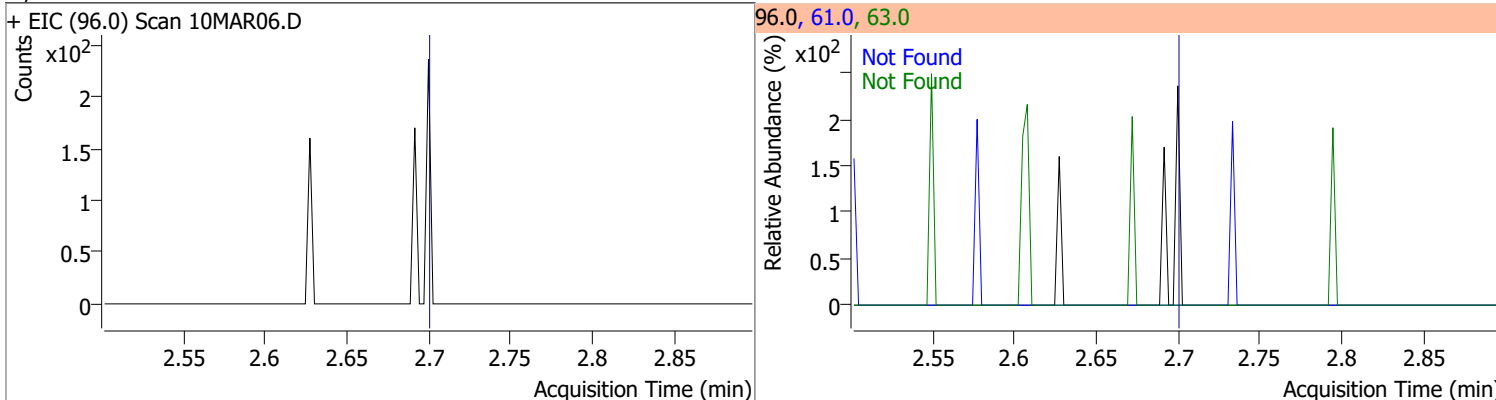
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



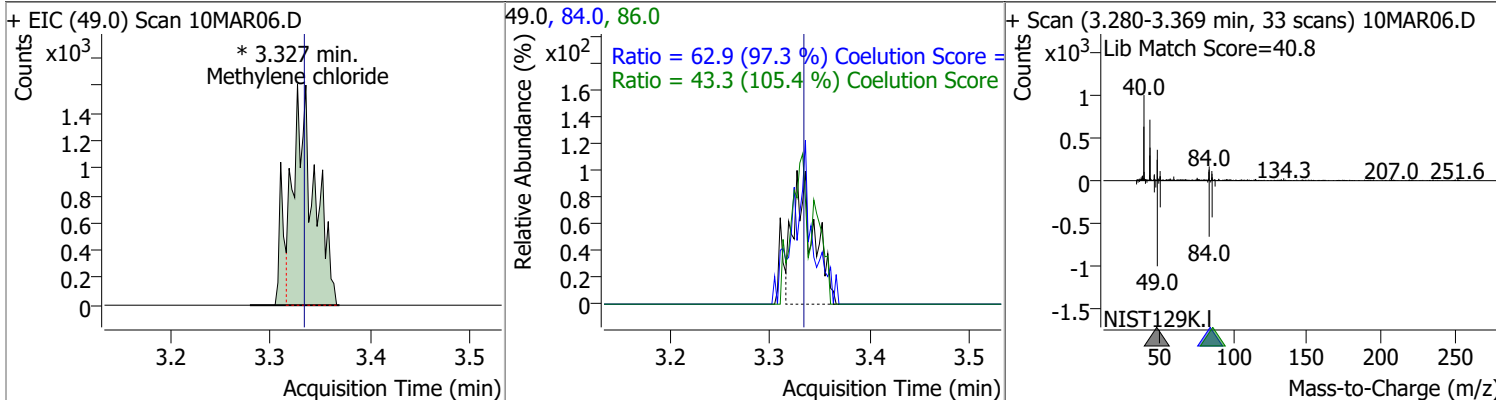
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



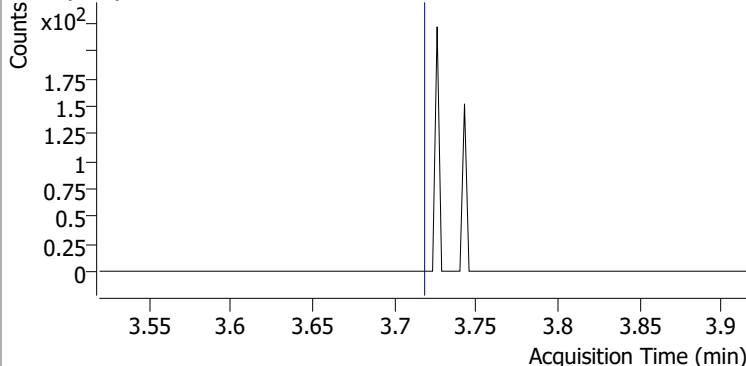
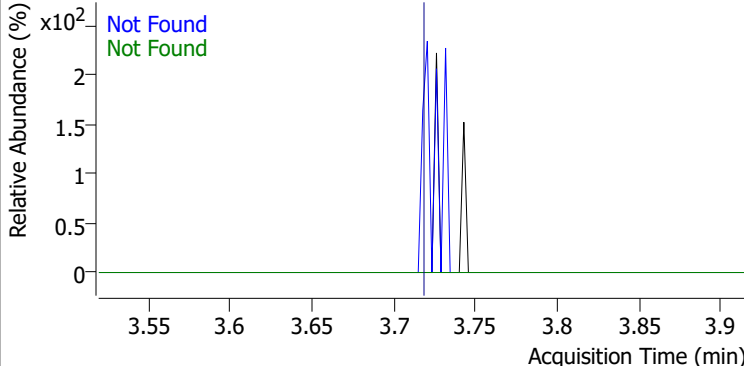
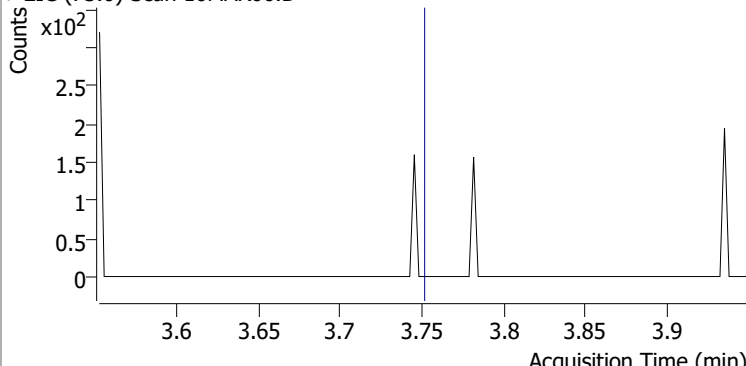
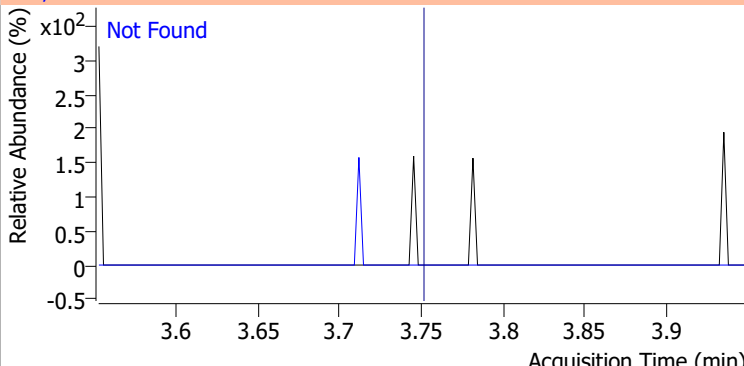
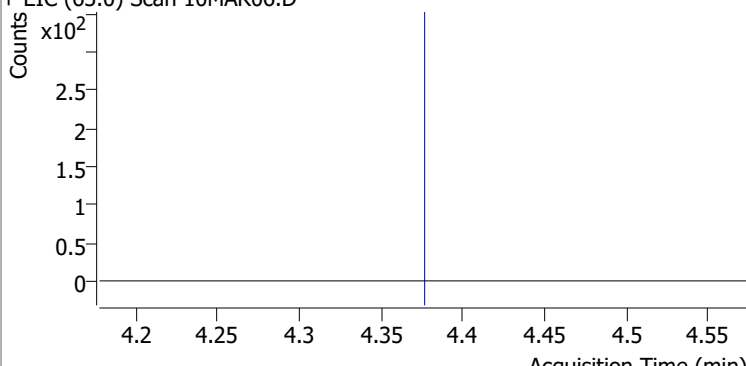
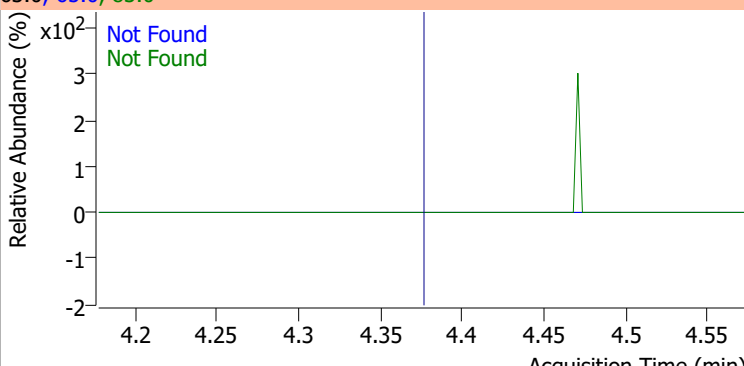
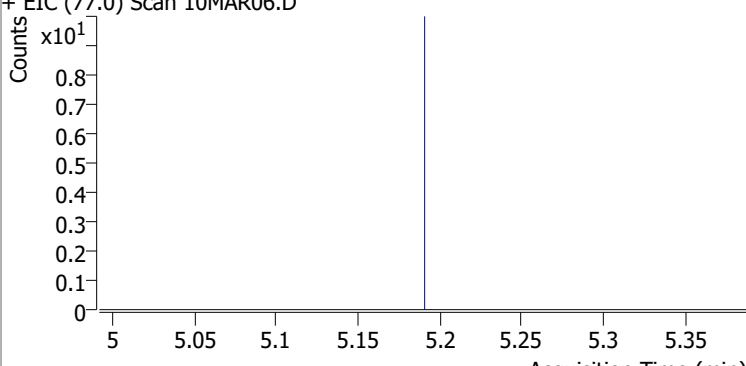
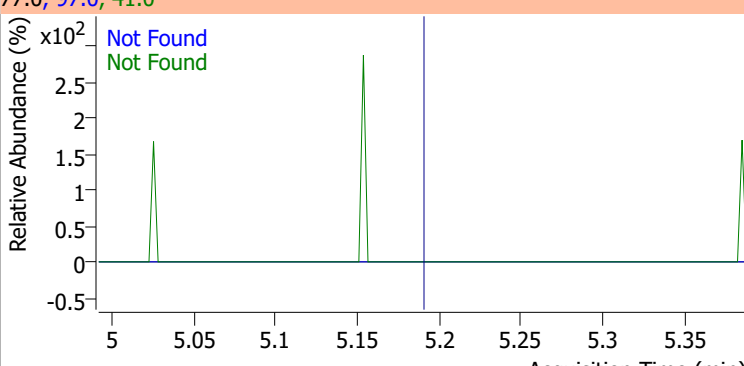
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



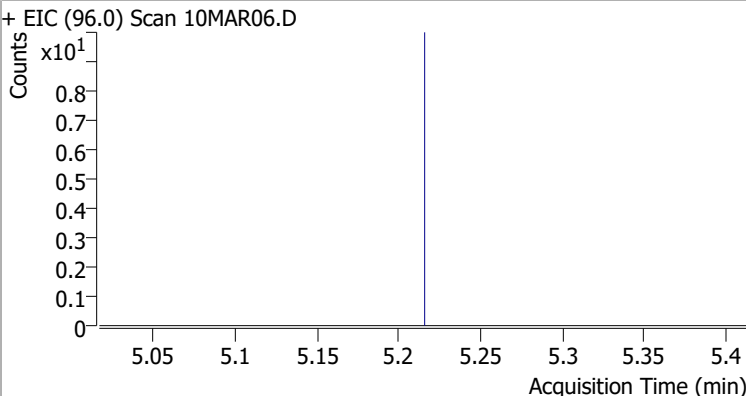
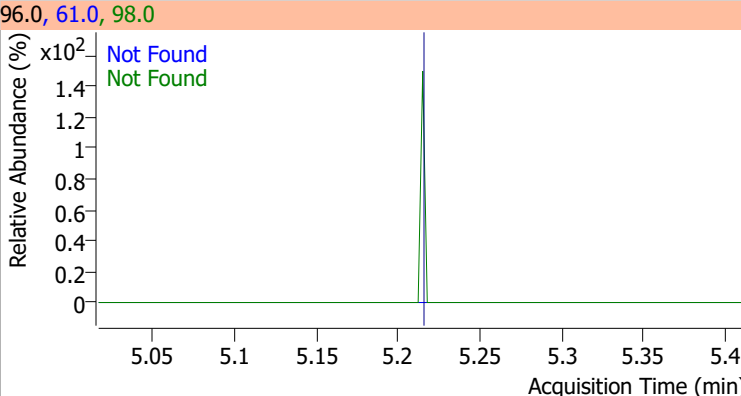
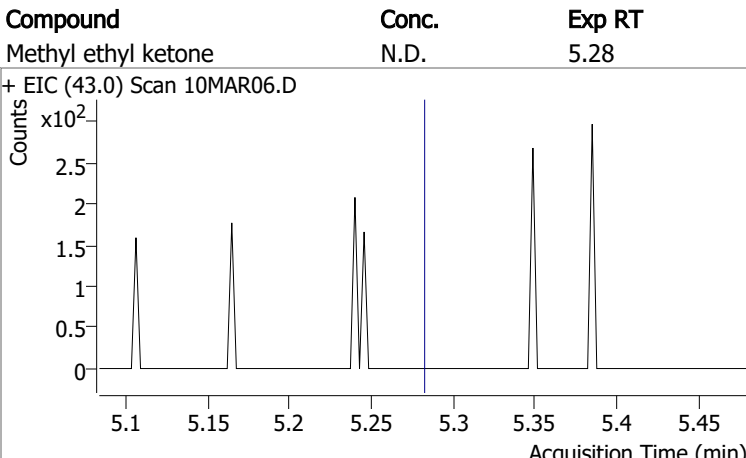
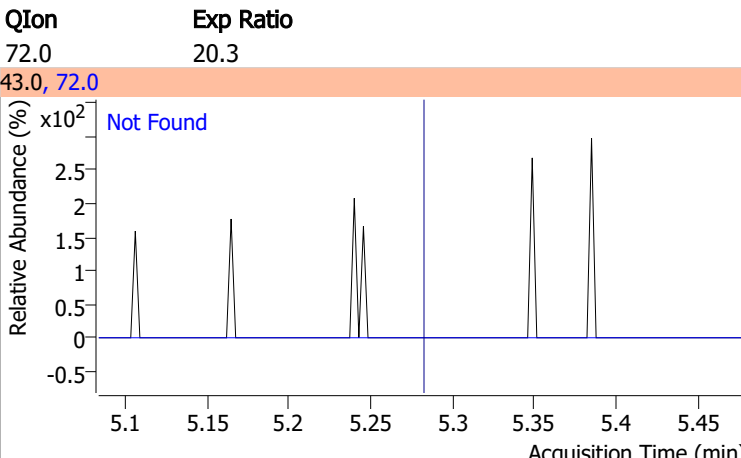
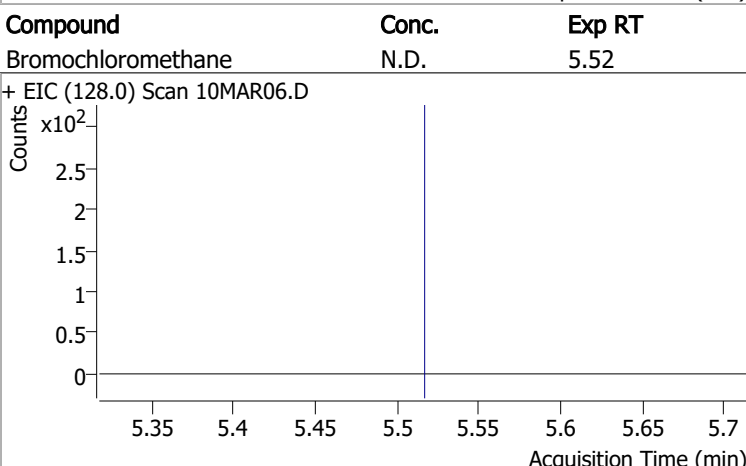
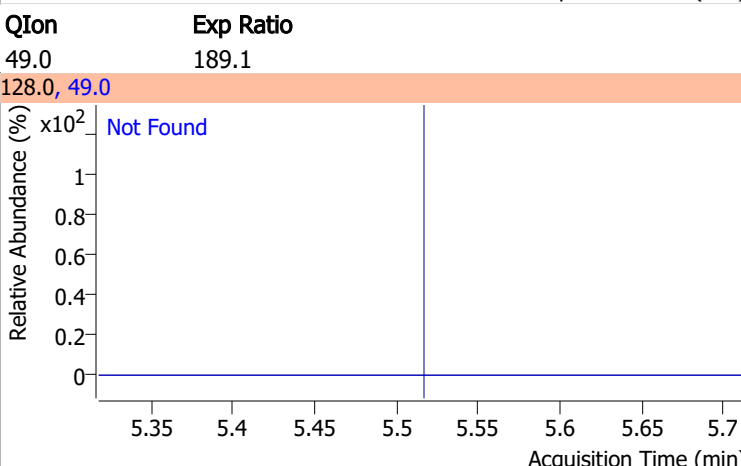
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.8575	3.33	-0.01	2694 (m)	84.0	62.9	34.7	94.7
					86.0	43.3	11.1	71.1

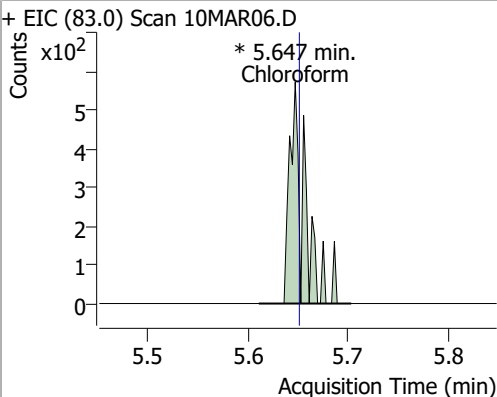
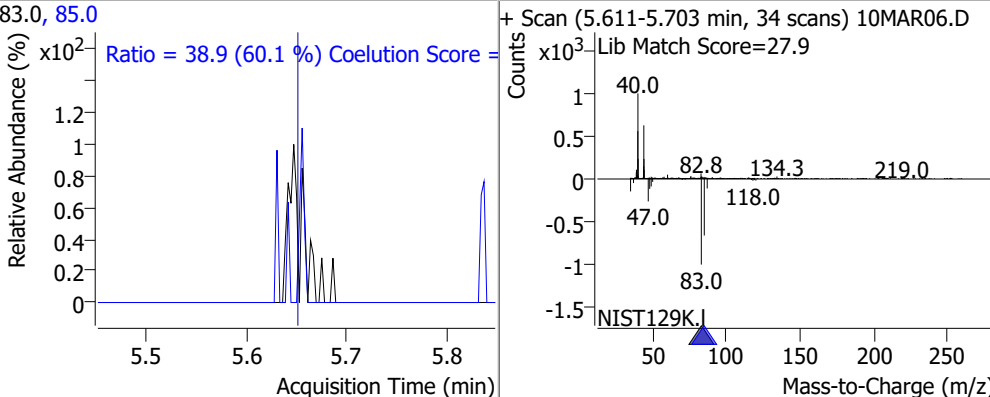


# Quantitation Results Report (QT Reviewed)

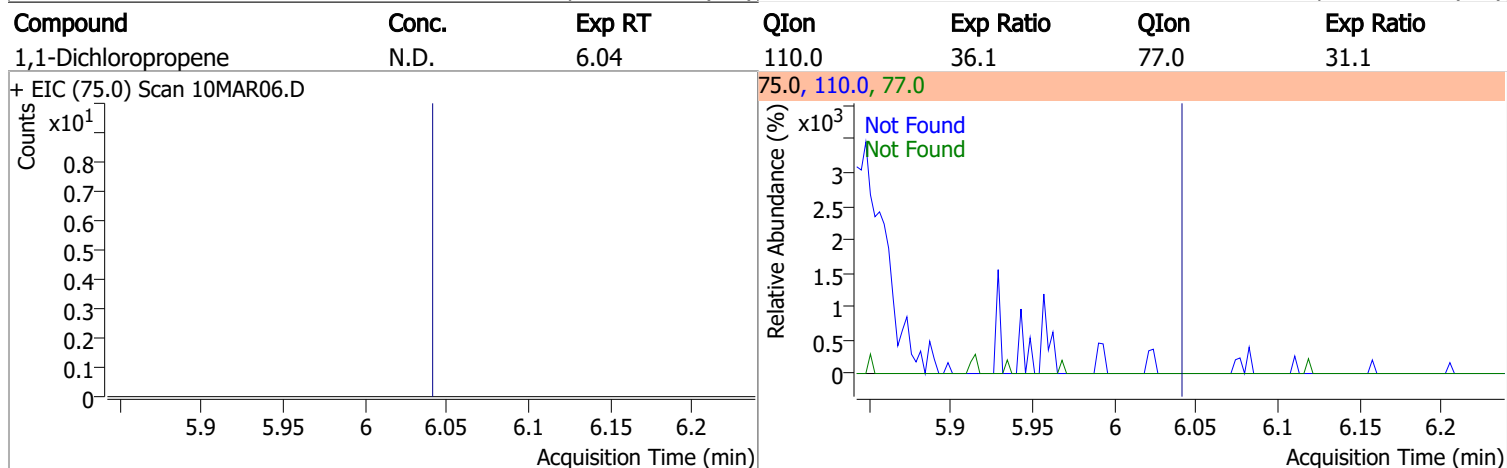
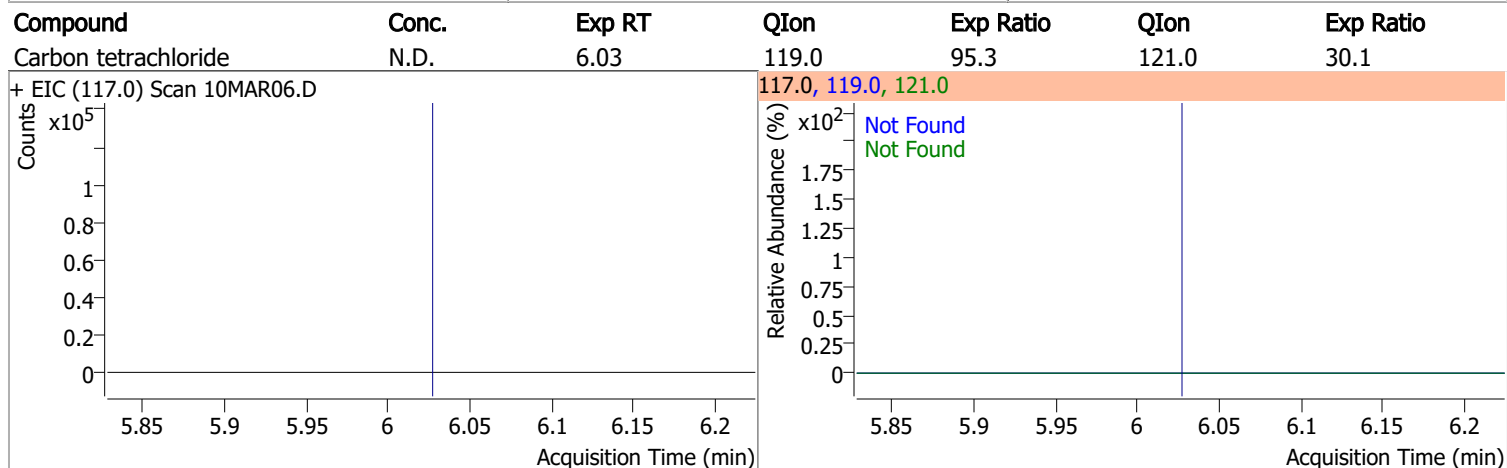
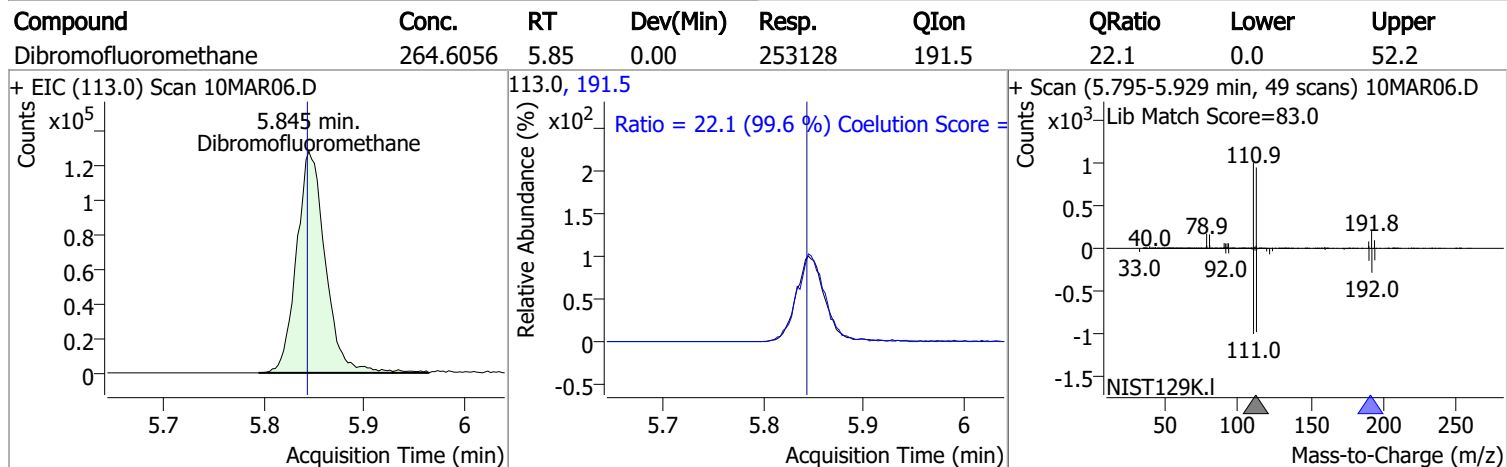
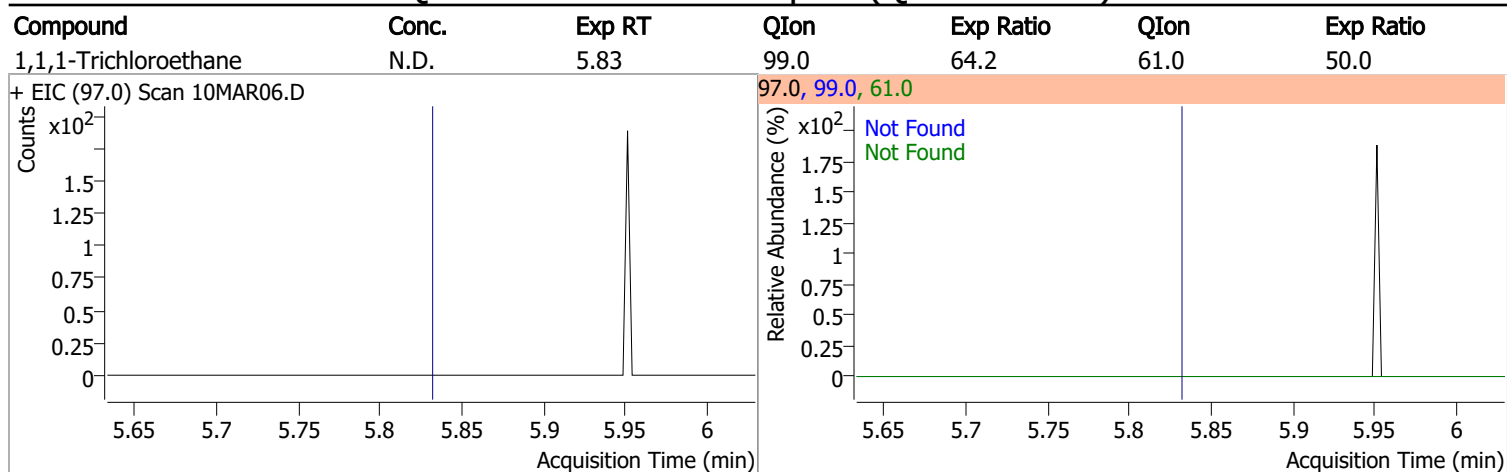
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 10MAR06.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 10MAR06.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 10MAR06.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 10MAR06.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7
+ EIC (96.0) Scan 10MAR06.D			96.0, 61.0, 98.0			
						
Methyl ethyl ketone	N.D.	5.28	72.0	20.3		
+ EIC (43.0) Scan 10MAR06.D			43.0, 72.0			
						
Bromochloromethane	N.D.	5.52	49.0	189.1		
+ EIC (128.0) Scan 10MAR06.D			128.0, 49.0			
						

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.3121	5.65	0.00	582 (m)	85.0	38.9	34.7	94.7
+ EIC (83.0) Scan 10MAR06.D			83.0, 85.0					
								

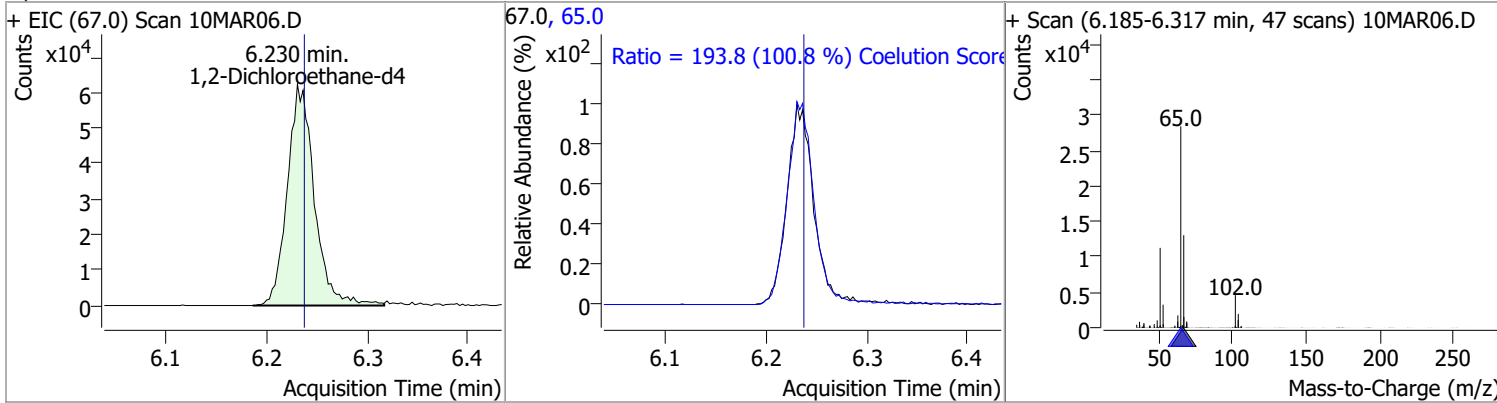
# Quantitation Results Report (QT Reviewed)



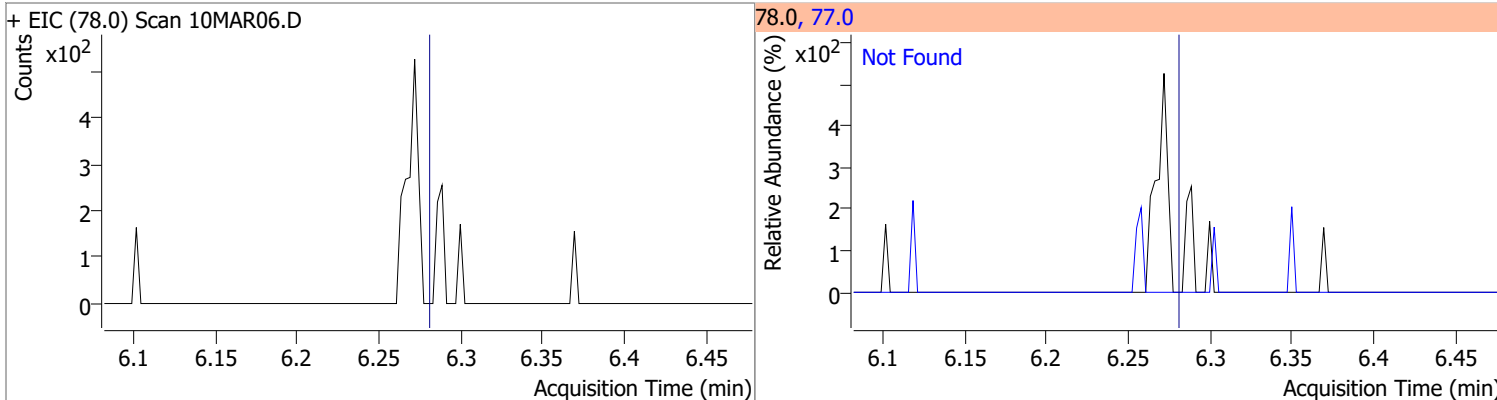


# Quantitation Results Report (QT Reviewed)

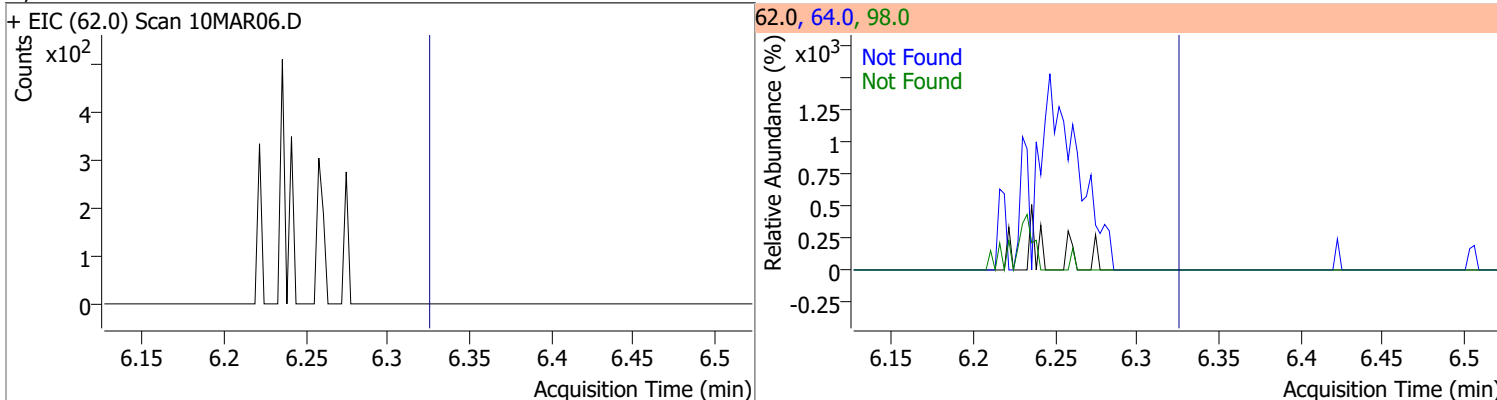
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	272.2716	6.23	-0.01	116261	65.0	193.8	162.2	222.2



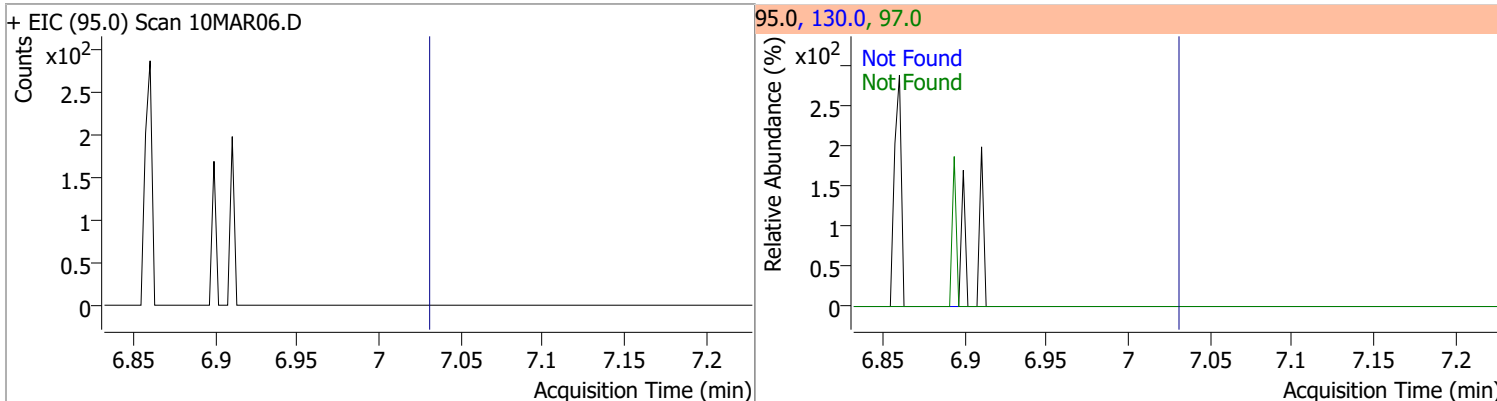
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



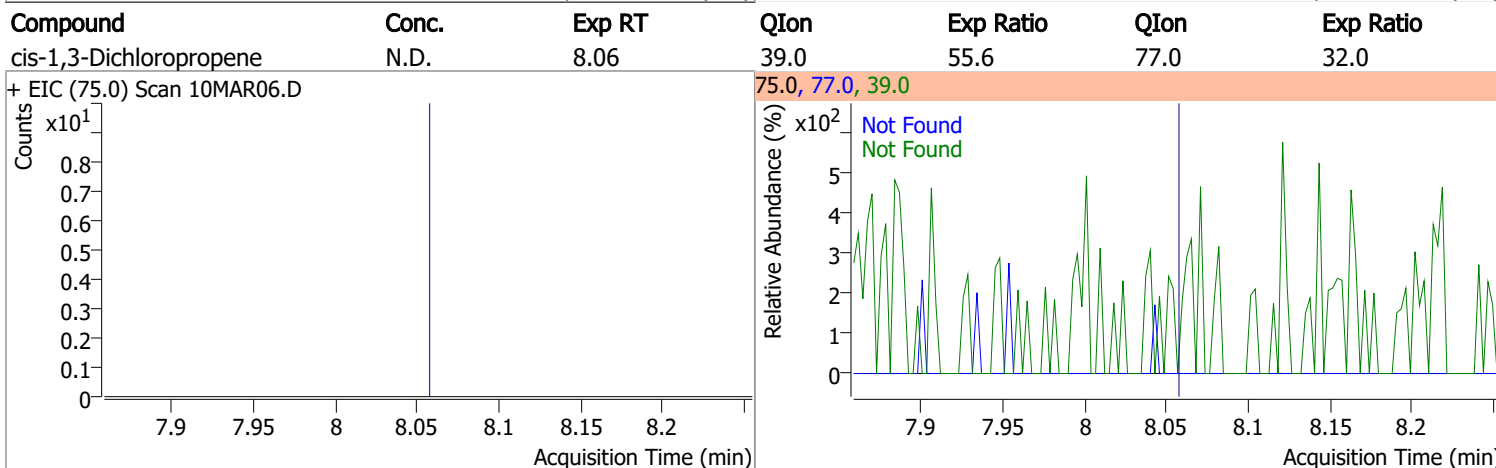
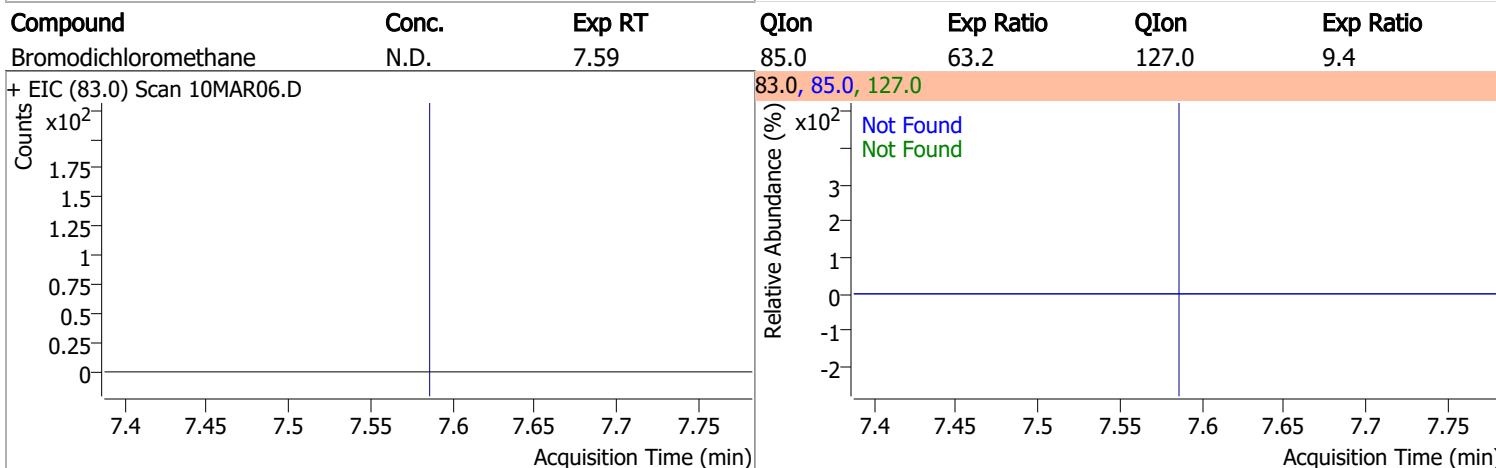
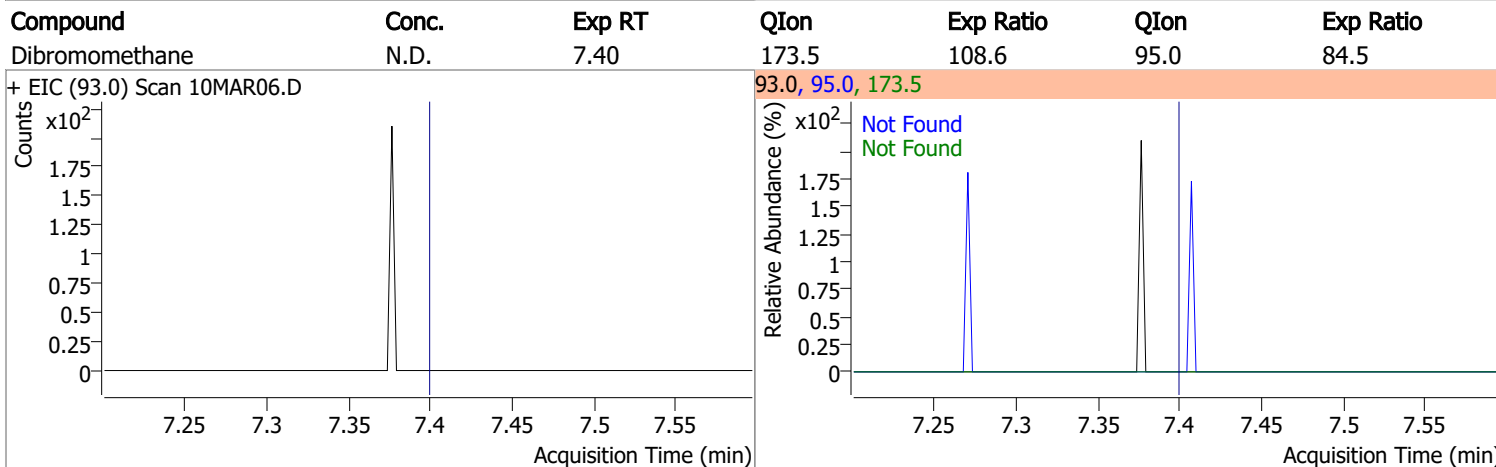
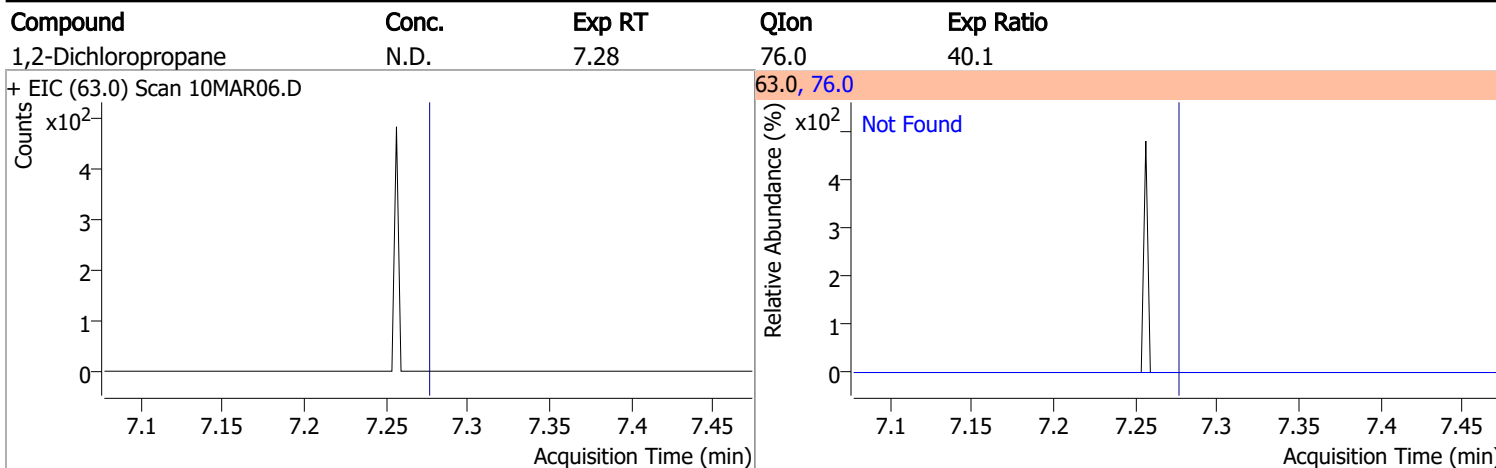
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

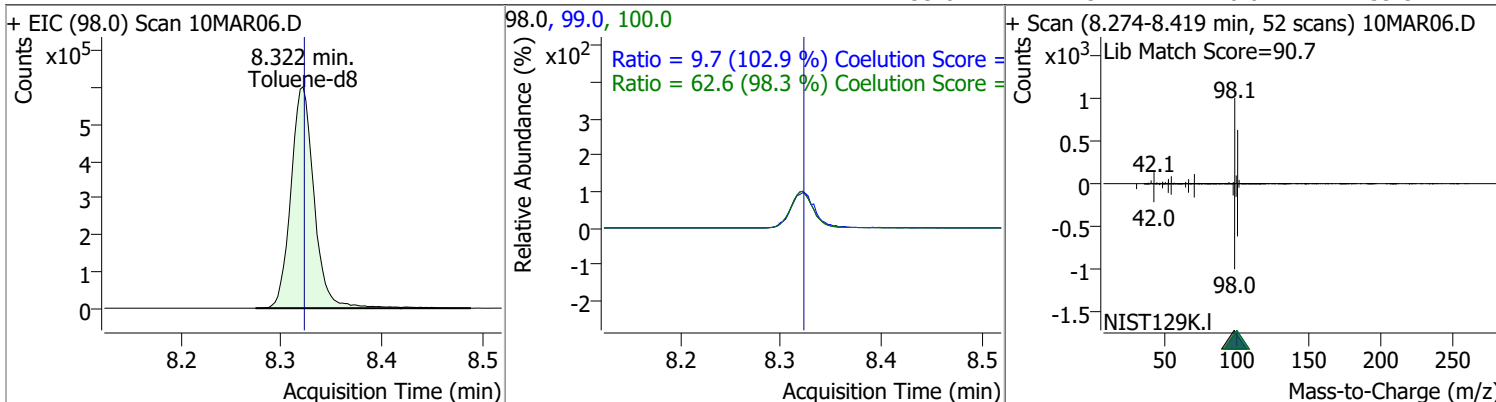


# Quantitation Results Report (QT Reviewed)

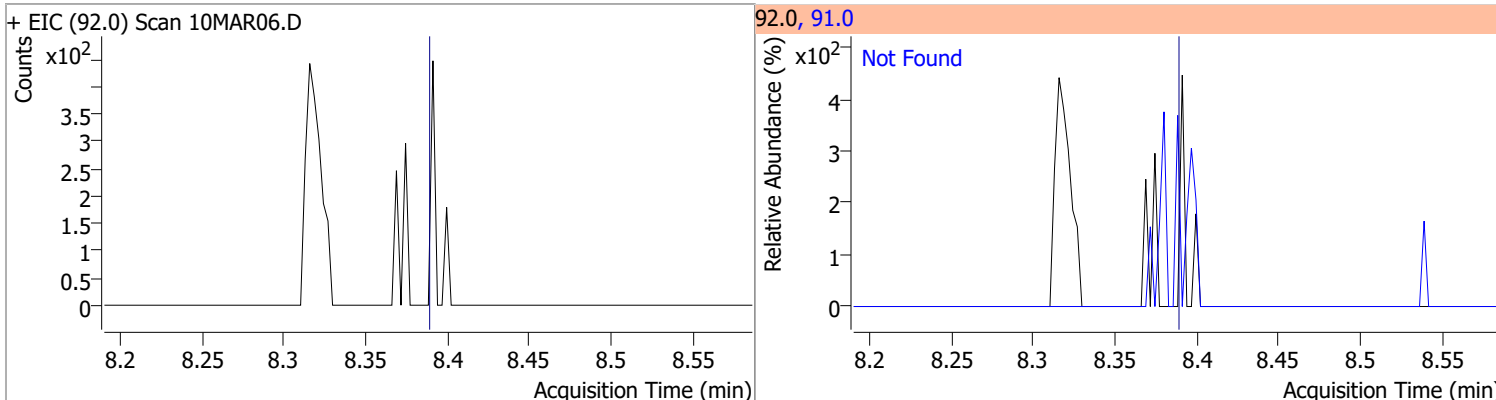


# Quantitation Results Report (QT Reviewed)

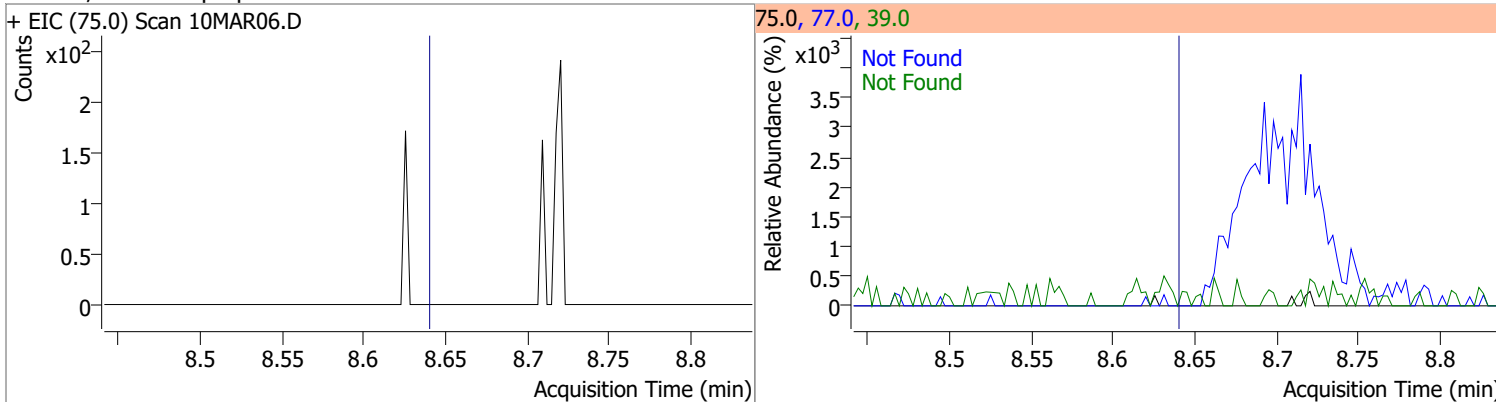
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	233.4544	8.32	0.00	962775	100.0	62.6	33.7	93.7
					99.0	9.7	0.0	39.5



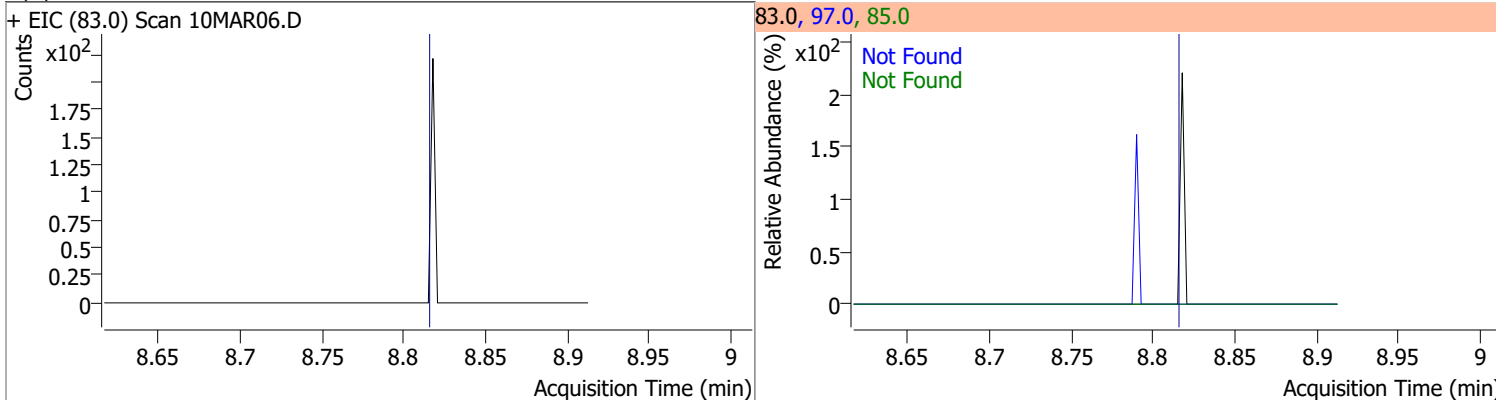
Compound	Conc.	Exp RT	QIon	Exp Ratio
Toluene	N.D.	8.39	91.0	177.9



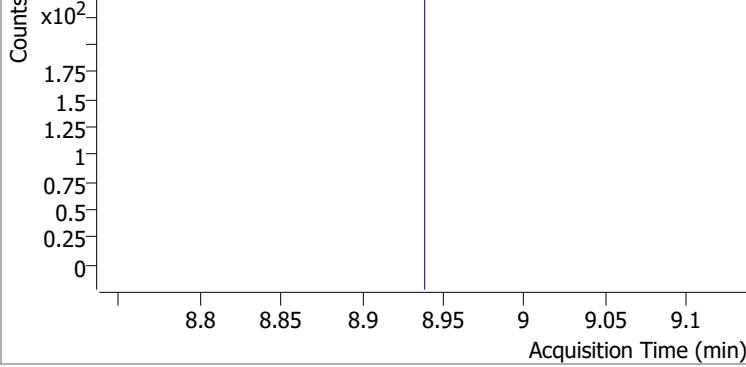
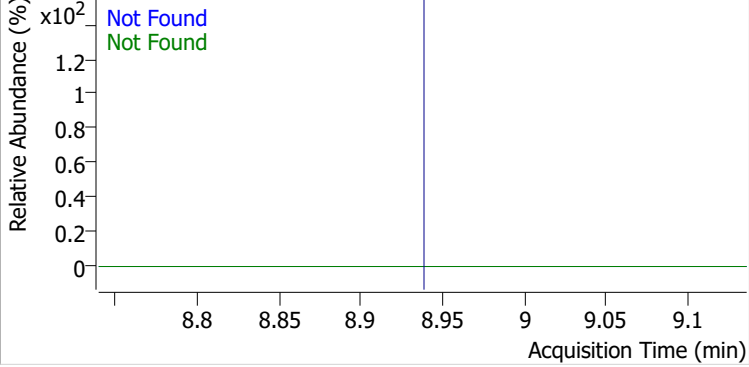
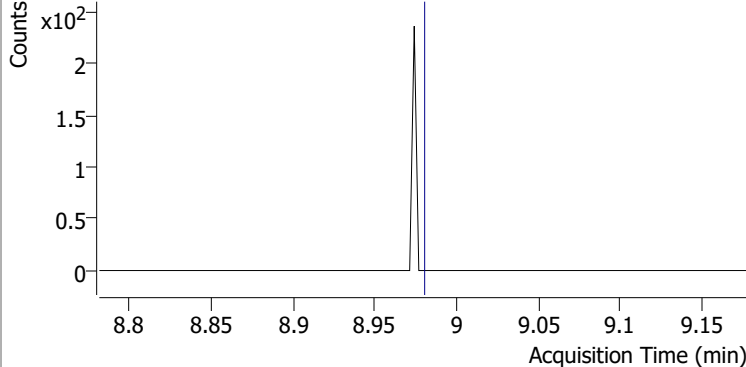
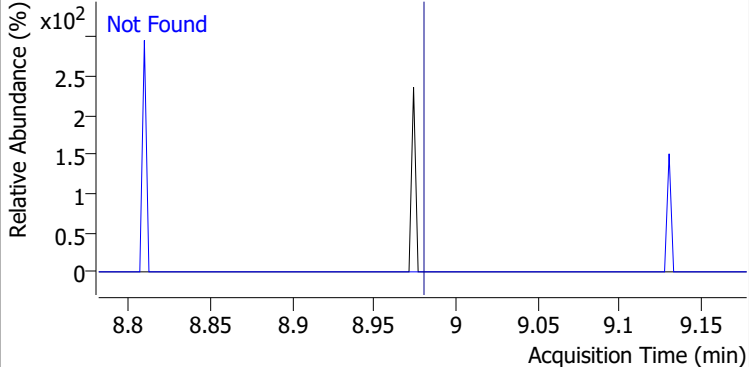
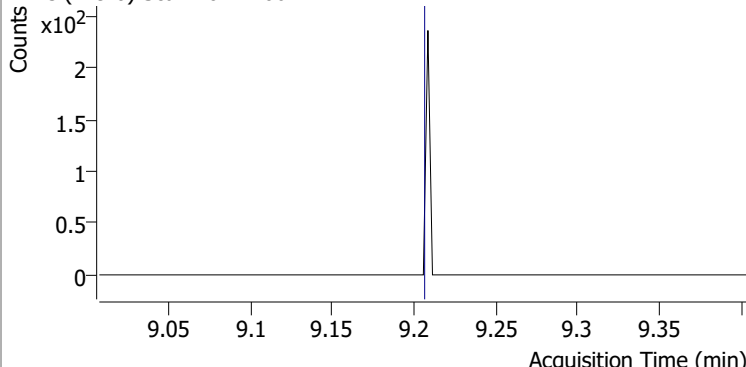
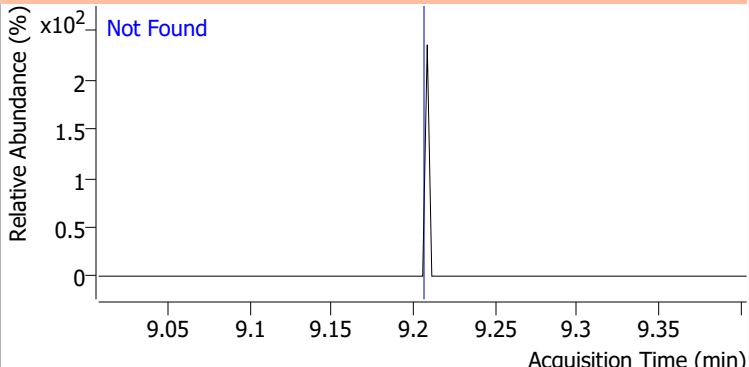
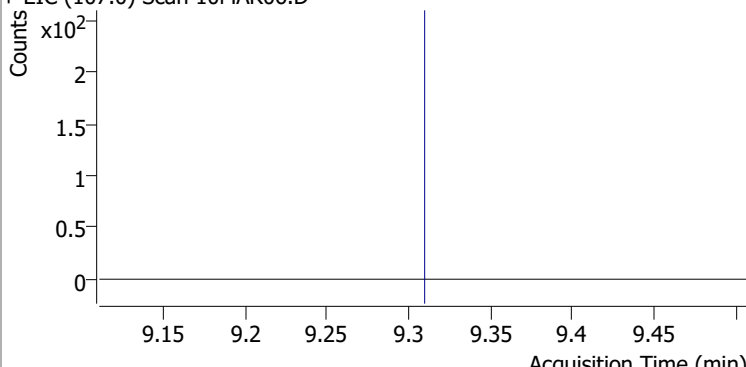
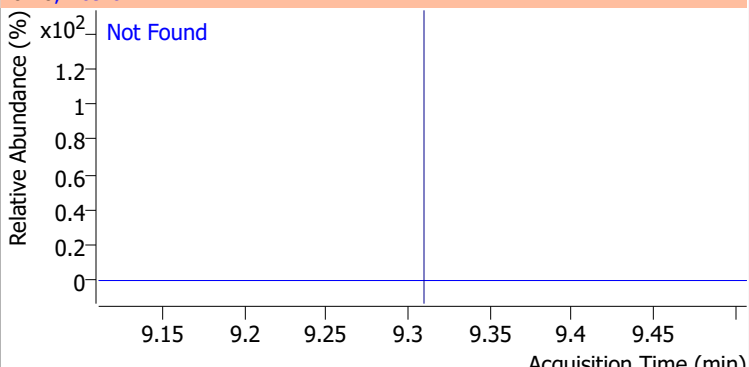
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8



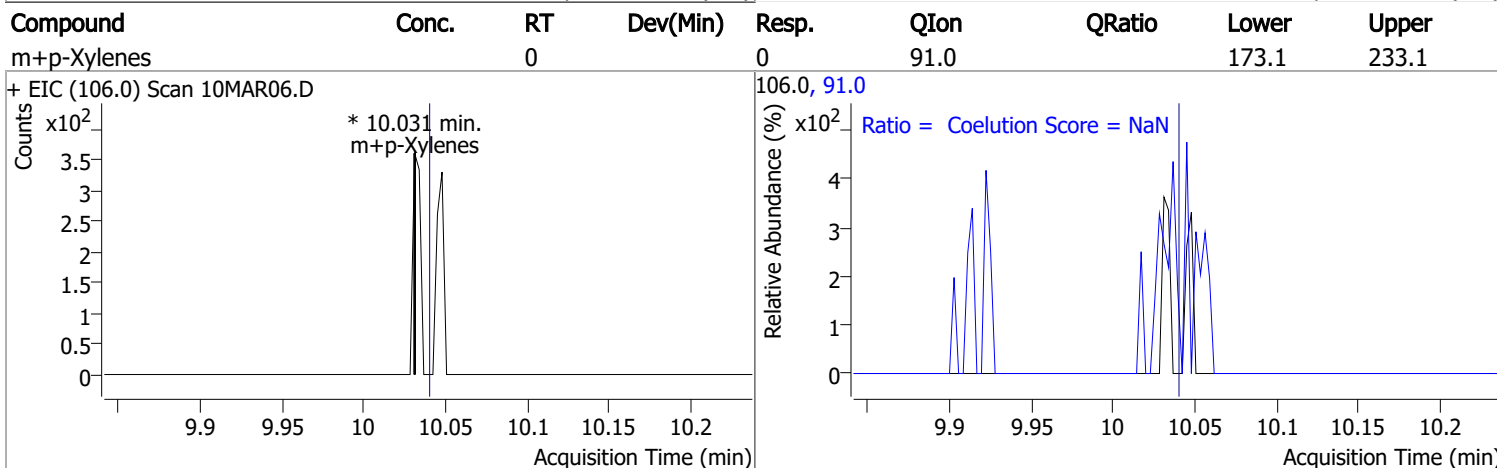
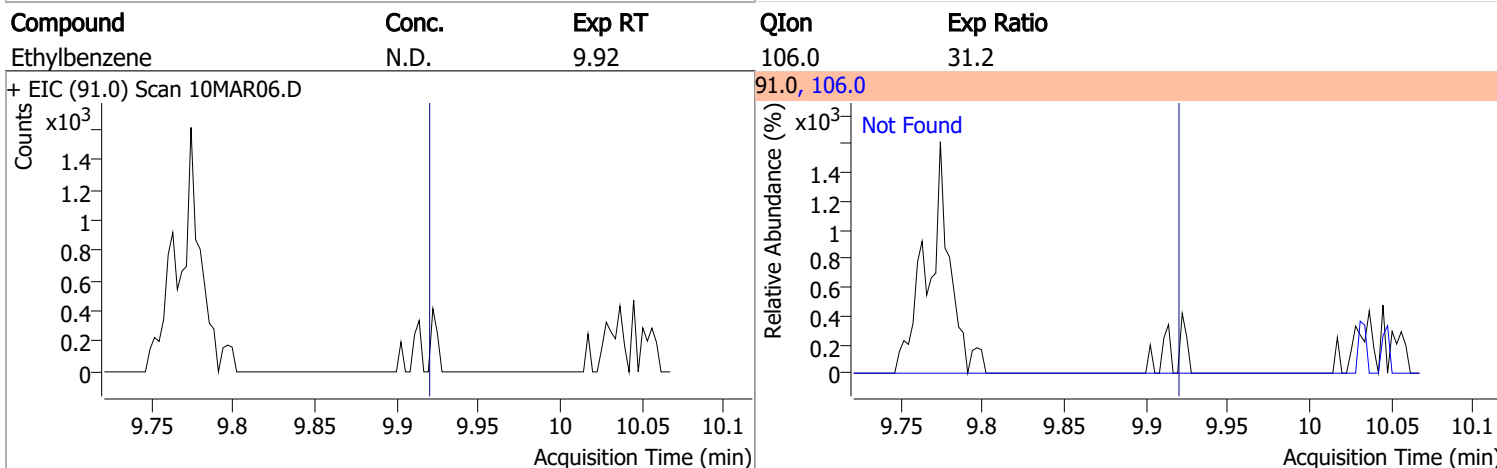
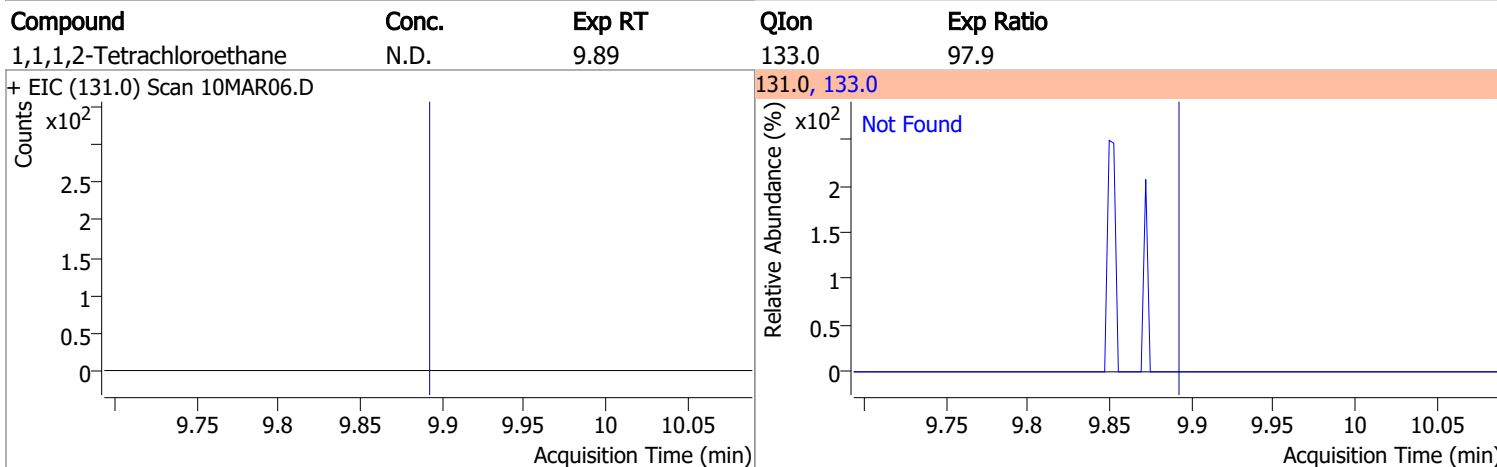
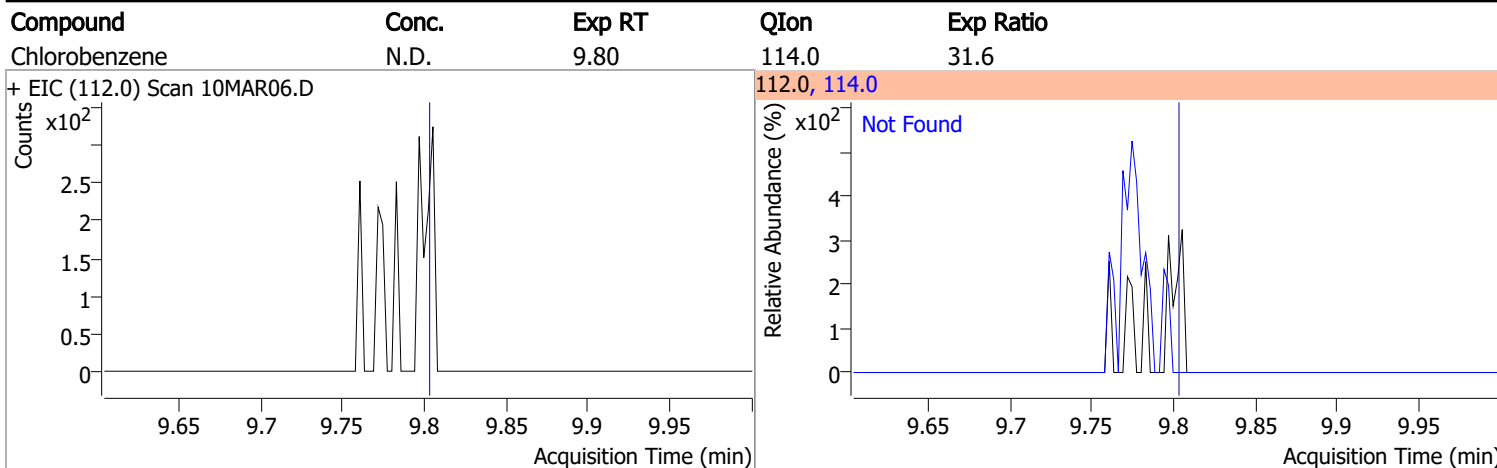
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9



# Quantitation Results Report (QT Reviewed)

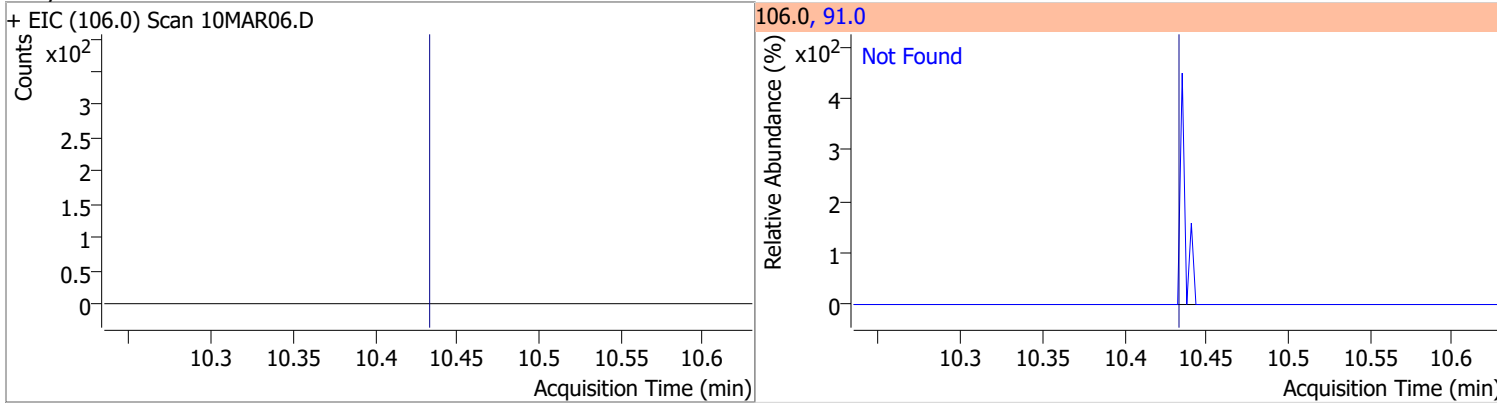
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6
+ EIC (163.8) Scan 10MAR06.D ***NO DATA POINTS***			163.8, 129.0, 165.8			
						
1,3-Dichloropropane	N.D.	8.98	78.0	31.3		
+ EIC (76.0) Scan 10MAR06.D			76.0, 78.0			
						
Chlorodibromomethane	N.D.	9.21	127.0	76.1		
+ EIC (129.0) Scan 10MAR06.D			129.0, 127.0			
						
1,2-Dibromoethane	N.D.	9.31	109.0	95.4		
+ EIC (107.0) Scan 10MAR06.D			107.0, 109.0			
						

# Quantitation Results Report (QT Reviewed)

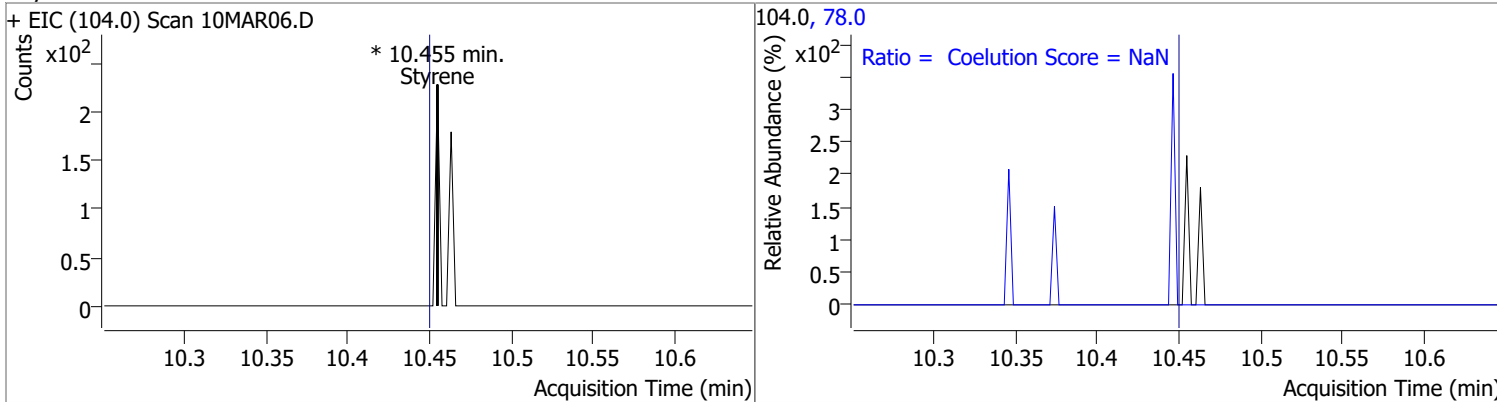


# Quantitation Results Report (QT Reviewed)

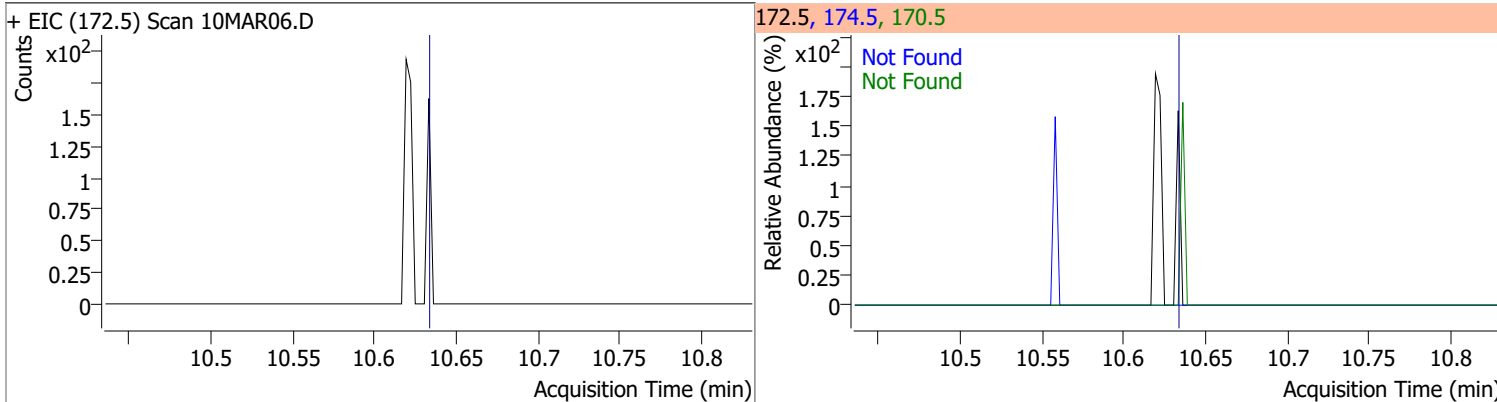
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	215.1



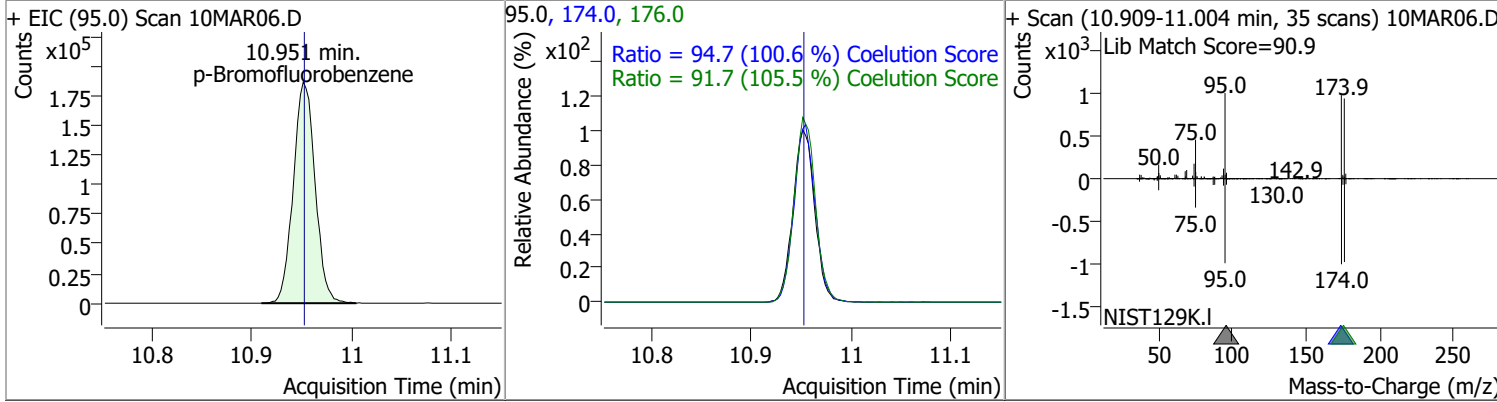
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	0	0	0	0	78.0	0	20.8	80.8



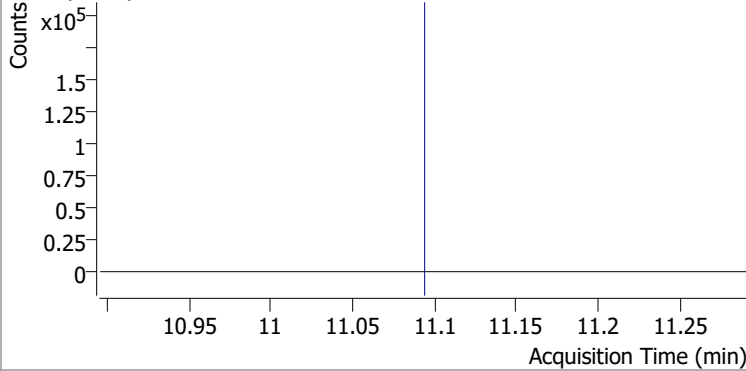
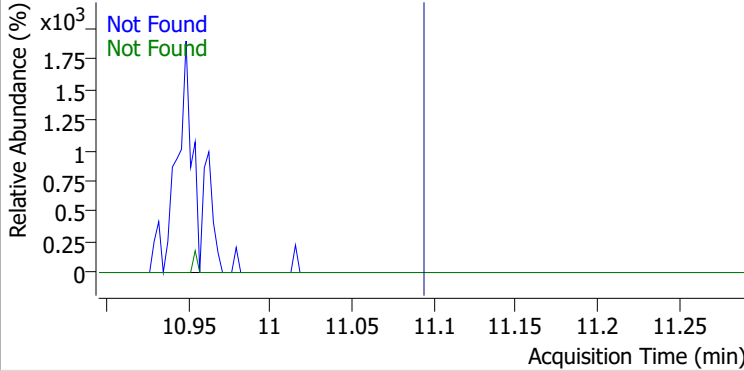
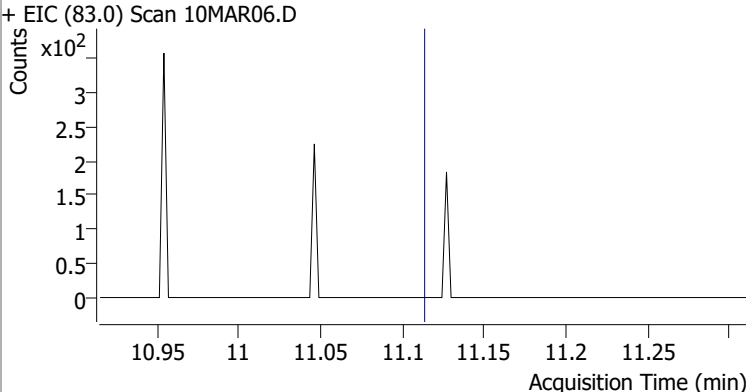
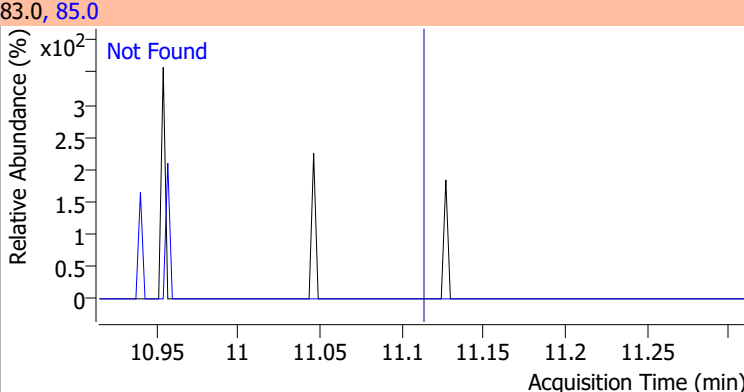
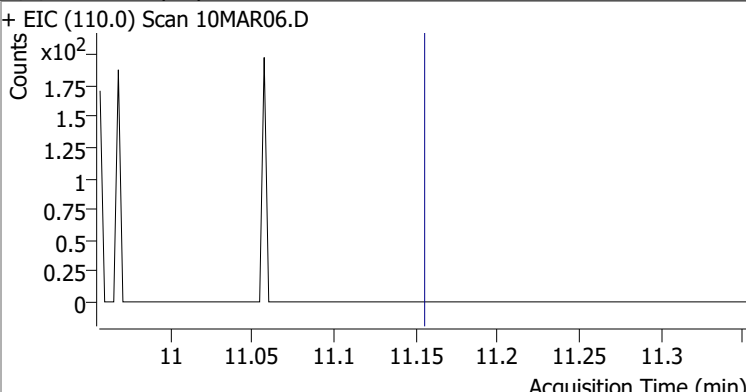
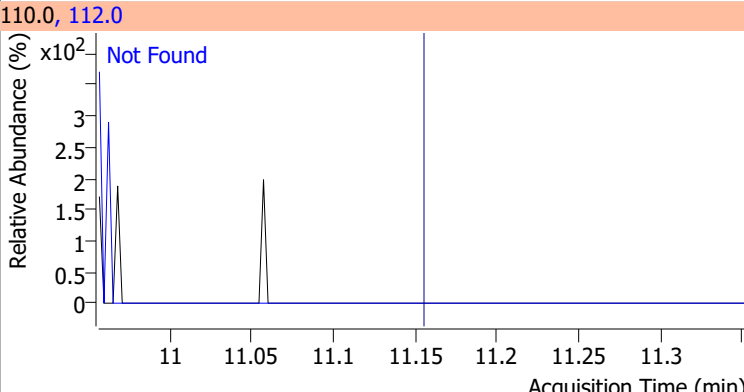
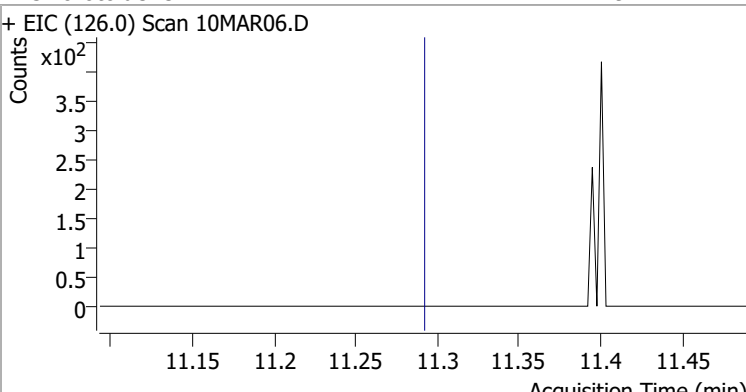
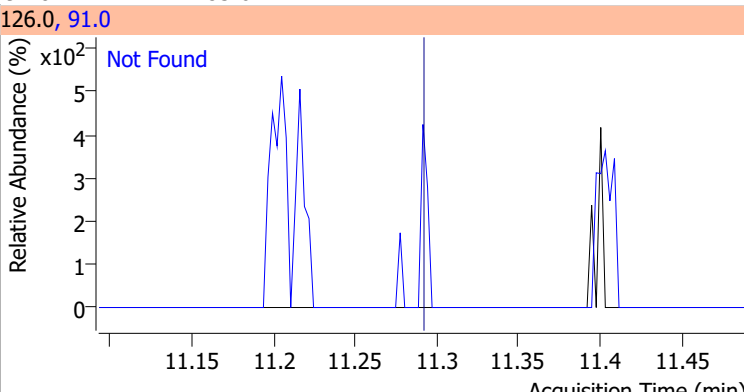
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.5	174.5	48.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	259.7066	10.95	0.00	281262	174.0	94.7	64.2	124.2
					176.0	91.7	56.9	116.9

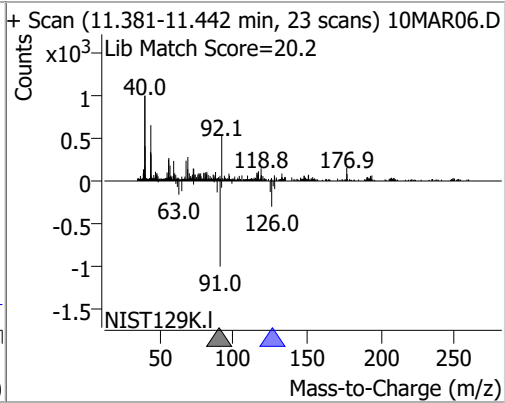
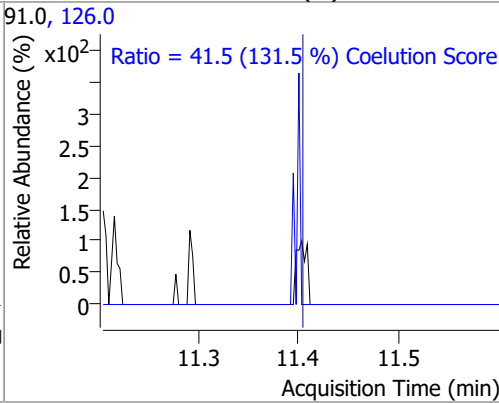
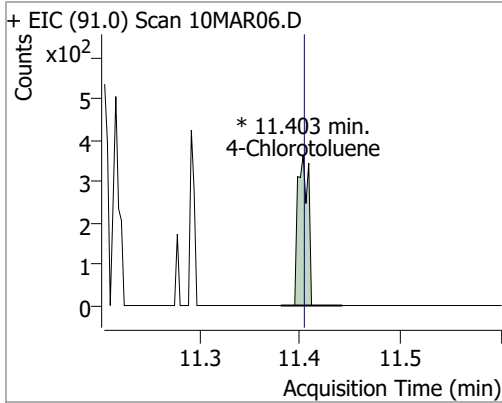


# Quantitation Results Report (QT Reviewed)

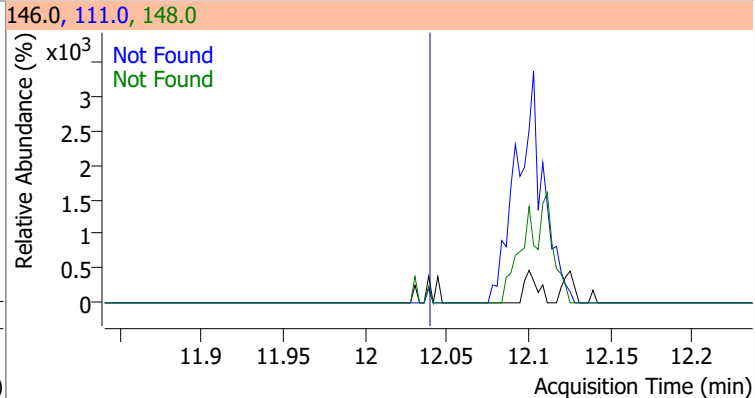
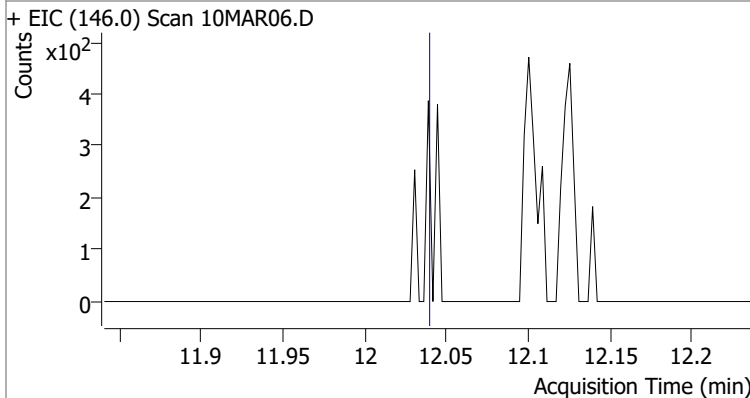
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR06.D			156.0, 77.0, 158.0			
						
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR06.D			83.0, 85.0			
						
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR06.D			110.0, 112.0			
						
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR06.D			126.0, 91.0			
						

# Quantitation Results Report (QT Reviewed)

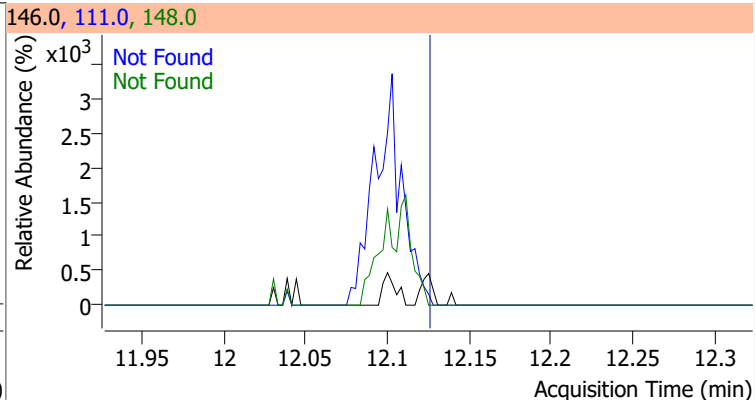
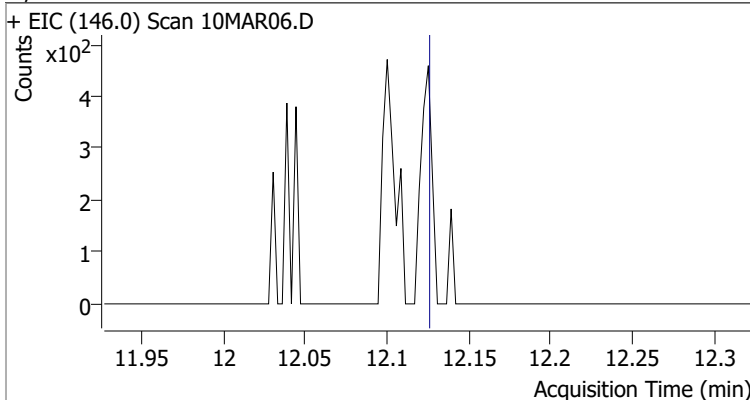
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	0.0830	11.40	0.00	264 (m)	126.0	41.5	1.5	61.5



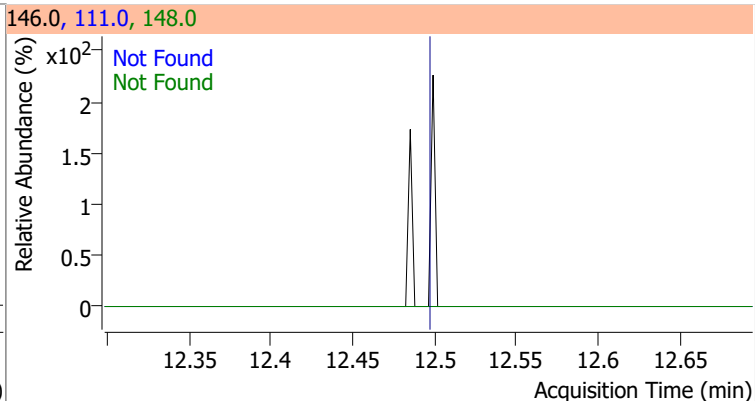
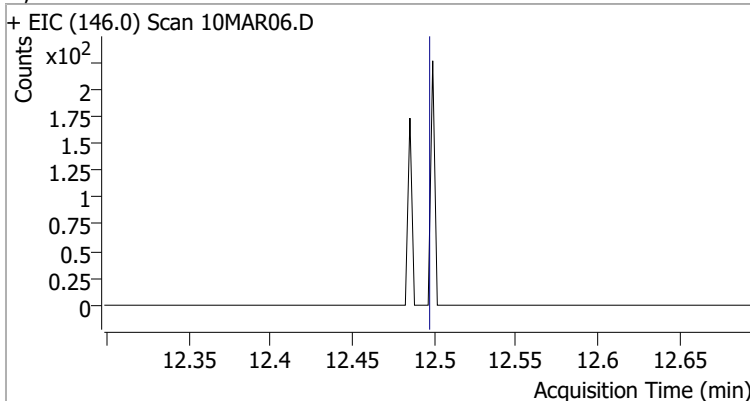
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	111.0	37.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	111.0	37.6



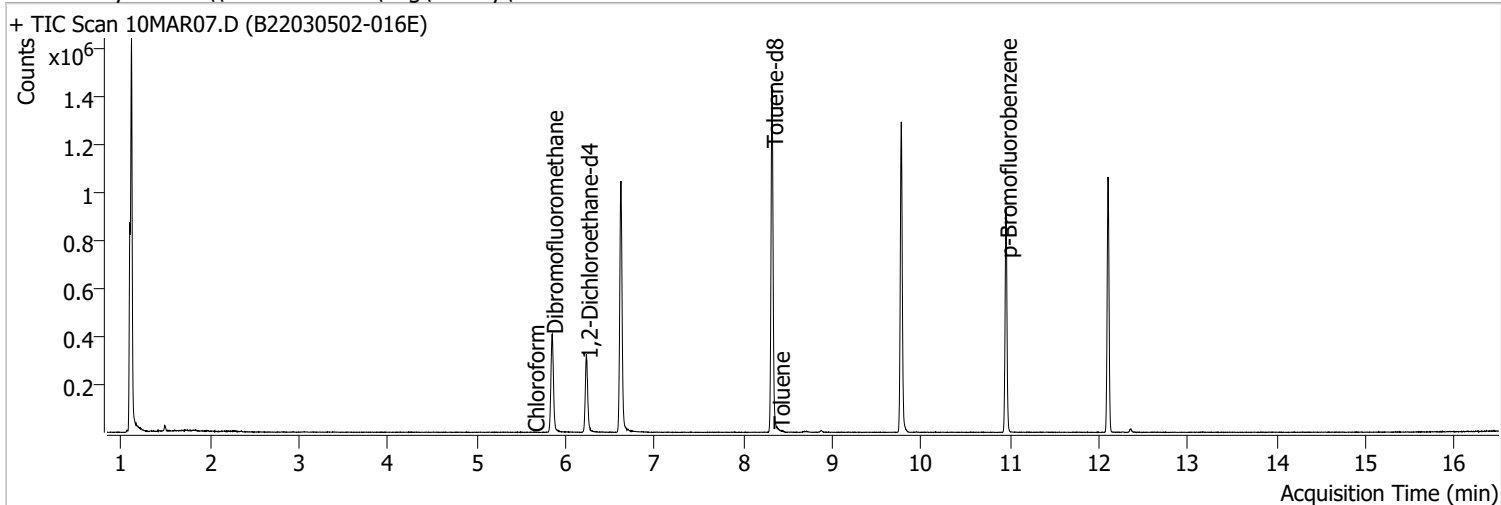
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	40.7





# Quantitation Results Report (QT Reviewed)

Data File	10MAR07.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 2:20:28 PM
Sample Name	B22030502-016E	Instrument	VOA5975C
Vial	7	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



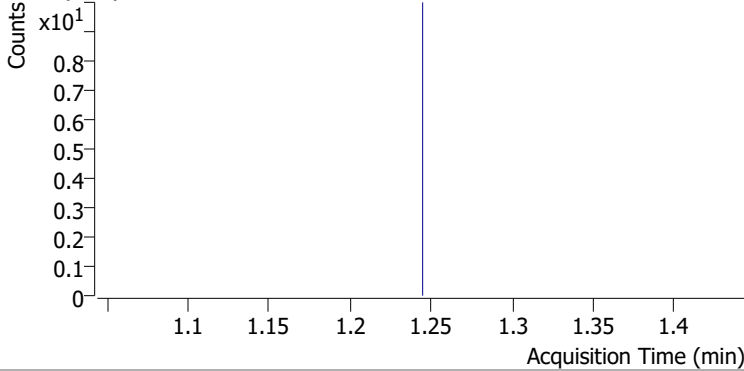
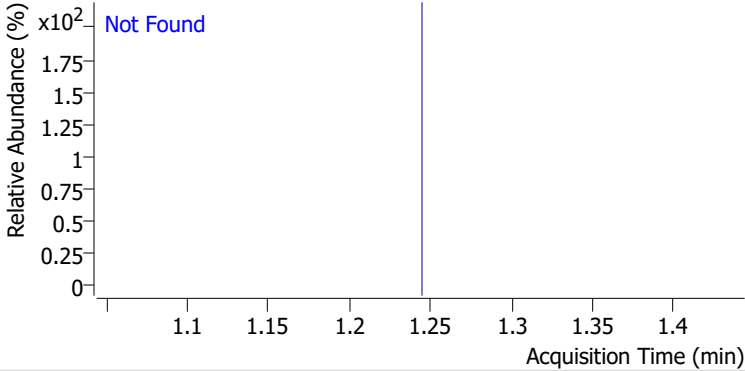
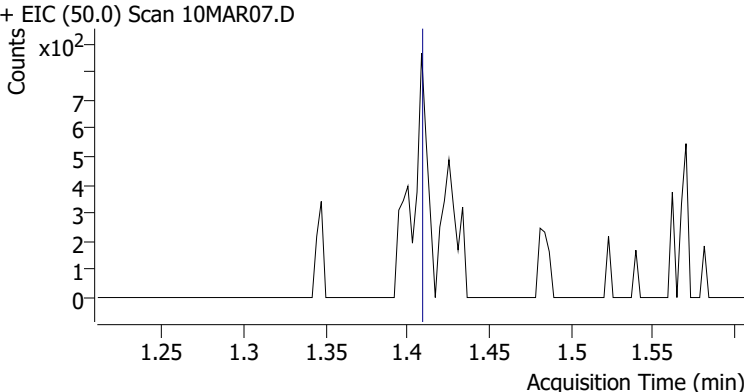
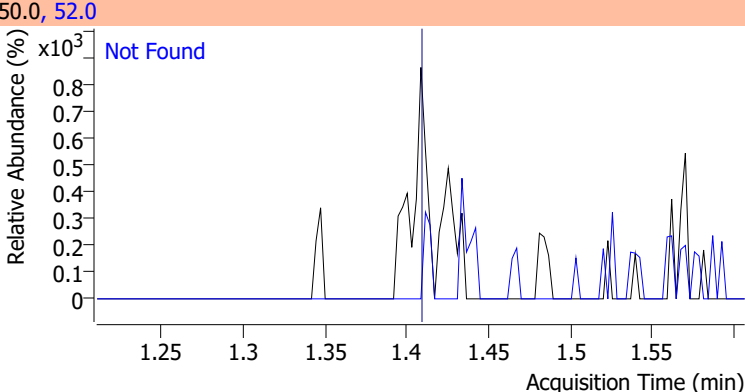
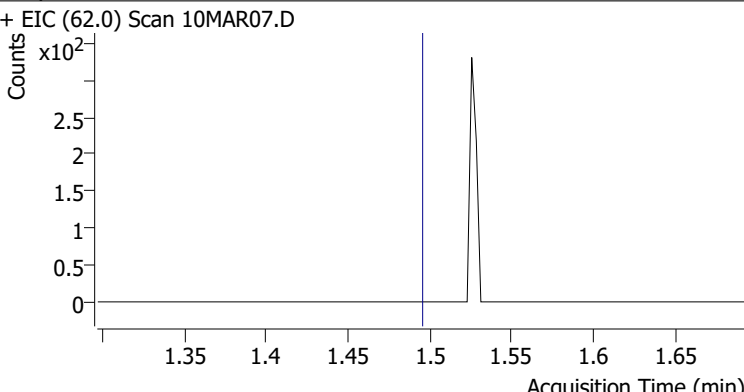
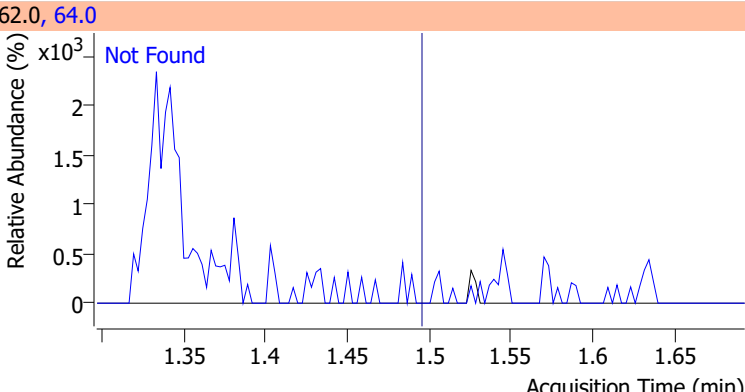
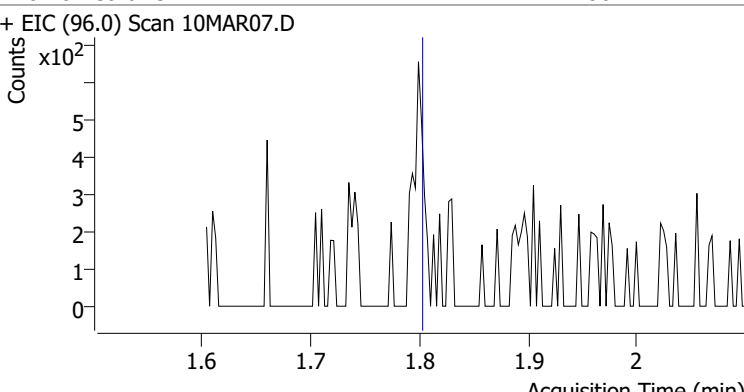
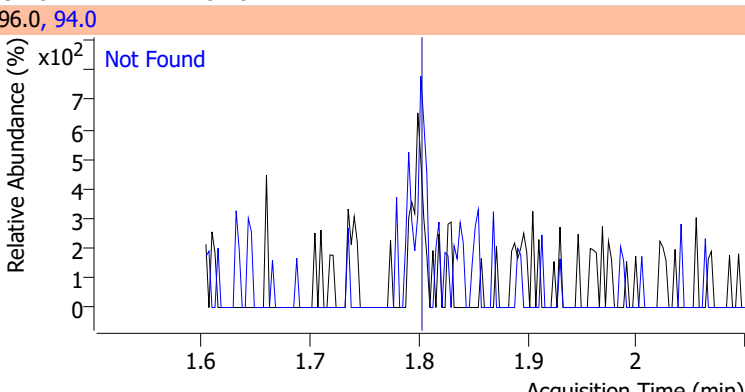
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	
<b>Internal Standards</b>							
M Fluorobenzene	6.621	96.0	880042	250.0000	ng	0.000	
M Chlorobenzene-d5	9.774	82.0	353975	250.0000	ng	0.000	
M 1,4-Dichlorobenzene-d4	12.100	152.0	251501	250.0000	ng	0.000	
<b>System Monitoring Compounds</b>							
S Dibromofluoromethane	5.848	113.0	243374	272.1711	ng	0.006	
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.87%			
S 1,2-Dichloroethane-d4	6.236	67.0	111766	280.0188	ng	0.000	
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 112.01%			
S Toluene-d8	8.322	98.0	889977	235.8531	ng	0.000	
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.34%			
S p-Bromofluorobenzene	10.951	95.0	252948	272.7600	ng	0.003	
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 109.10%			
<b>Target Compounds</b>							
T Dichlorodifluoromethane	0.000		0	N.D.			QValue
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	5.639	83.0	500	0.2869	ng	m	76

# Quantitation Results Report (QT Reviewed)

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	8.397	92.0	880	0.3769	ng	m	97
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	10.037	106.0	0		ng	md	1
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

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

# Quantitation Results Report (QT Reviewed)

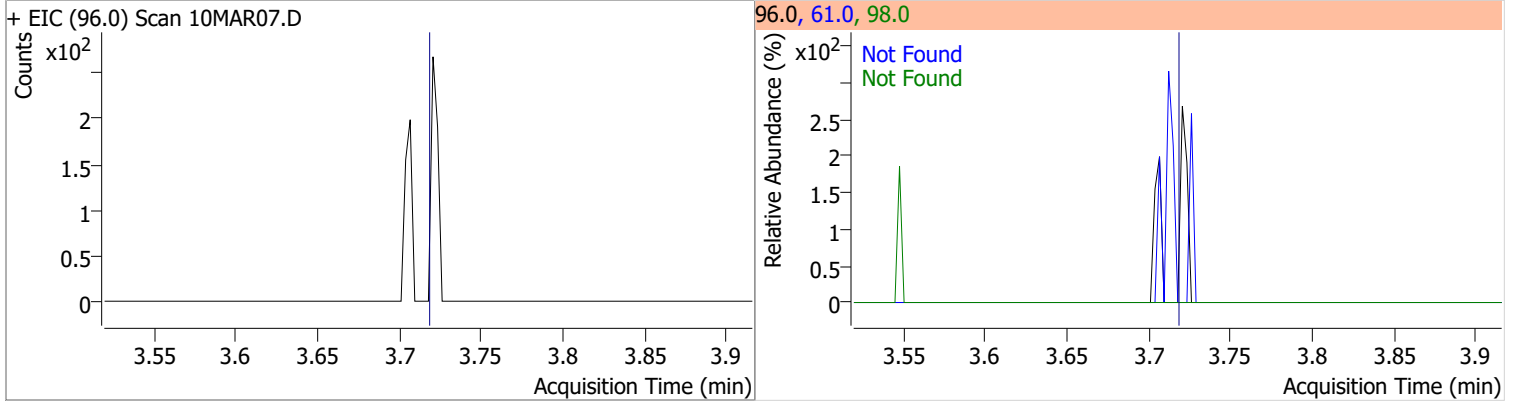
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5
+ EIC (85.0) Scan 10MAR07.D ***NO DATA POINTS***			85.0, 87.0	
				
Chloromethane	N.D.	1.41	52.0	33.0
+ EIC (50.0) Scan 10MAR07.D			50.0, 52.0	
				
Vinyl chloride	N.D.	1.49	64.0	30.6
+ EIC (62.0) Scan 10MAR07.D			62.0, 64.0	
				
Bromomethane	N.D.	1.80	94.0	104.8
+ EIC (96.0) Scan 10MAR07.D			96.0, 94.0	
				

# Quantitation Results Report (QT Reviewed)

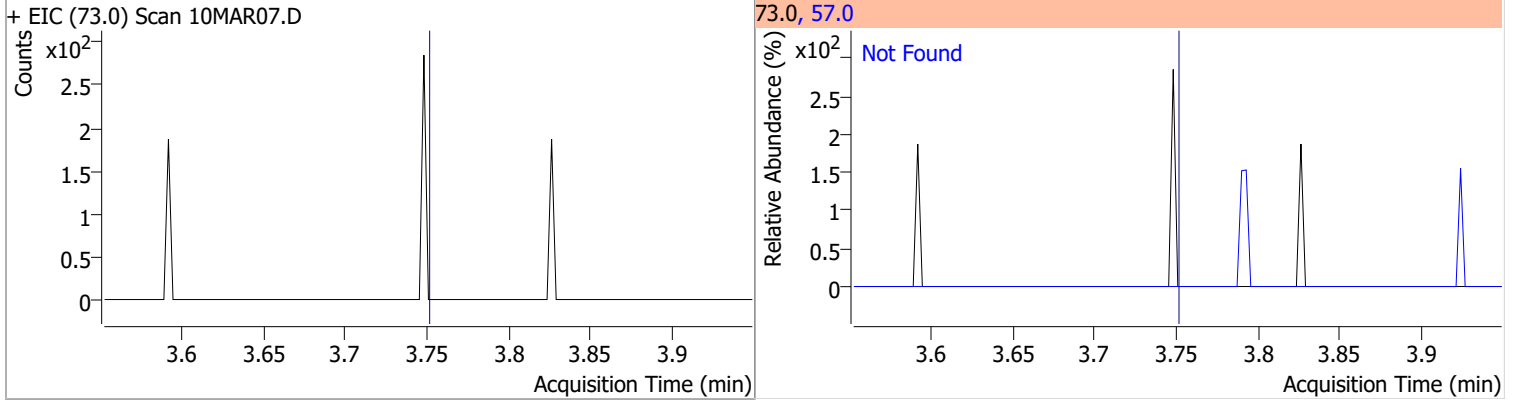
Compound	Conc.	Exp RT	QIon	Exp Ratio		
Chloroethane	N.D.	1.90	66.0	30.4		
+ EIC (64.0) Scan 10MAR07.D			64.0, 66.0			
Trichlorofluoromethane	N.D.	2.14	103.0	64.3		
+ EIC (101.0) Scan 10MAR07.D			101.0, 103.0			
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	QIon	Exp Ratio
			63.0	55.7		
+ EIC (96.0) Scan 10MAR07.D			96.0, 61.0, 63.0			
Methylene chloride	N.D.	3.33	84.0	64.7	QIon	Exp Ratio
			86.0	41.1		
+ EIC (49.0) Scan 10MAR07.D			49.0, 84.0, 86.0			

# Quantitation Results Report (QT Reviewed)

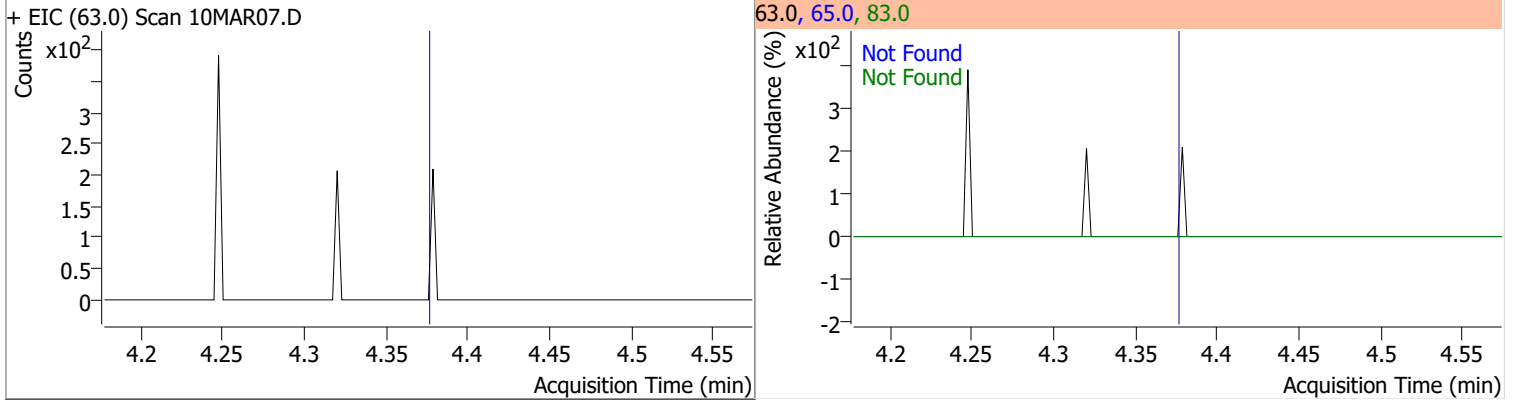
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9



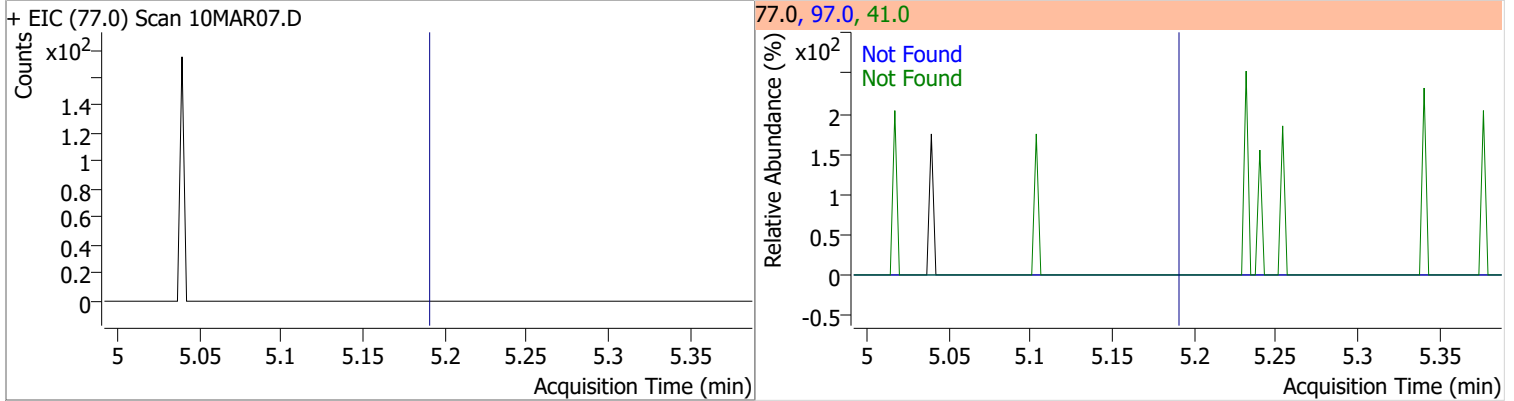
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9

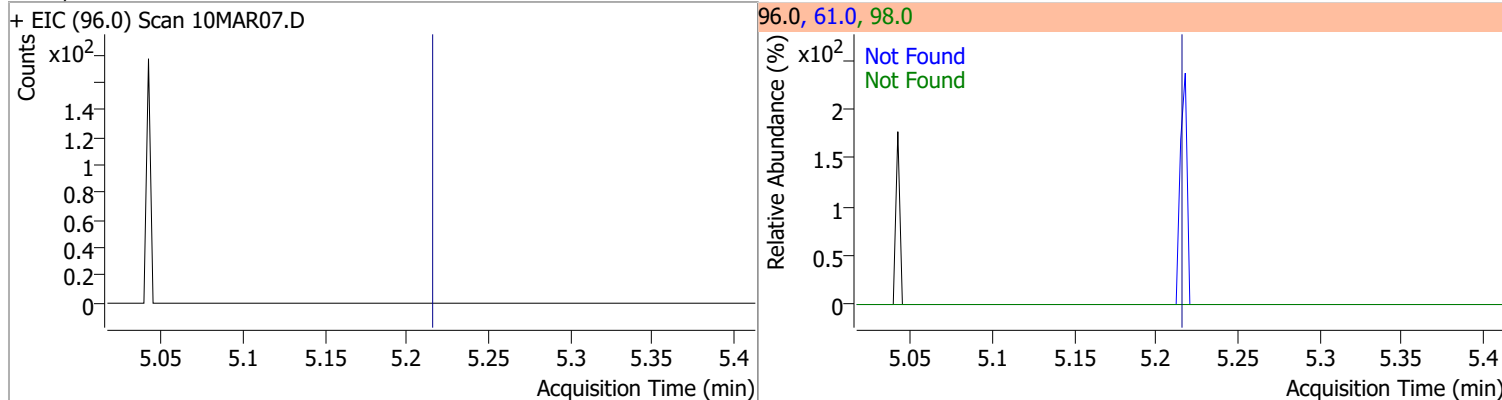


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4

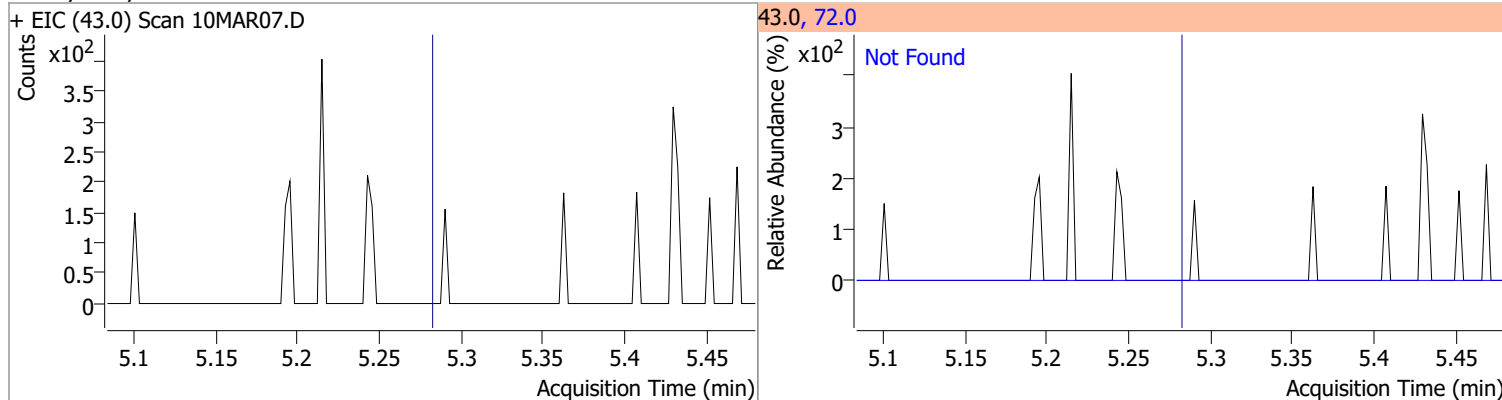


# Quantitation Results Report (QT Reviewed)

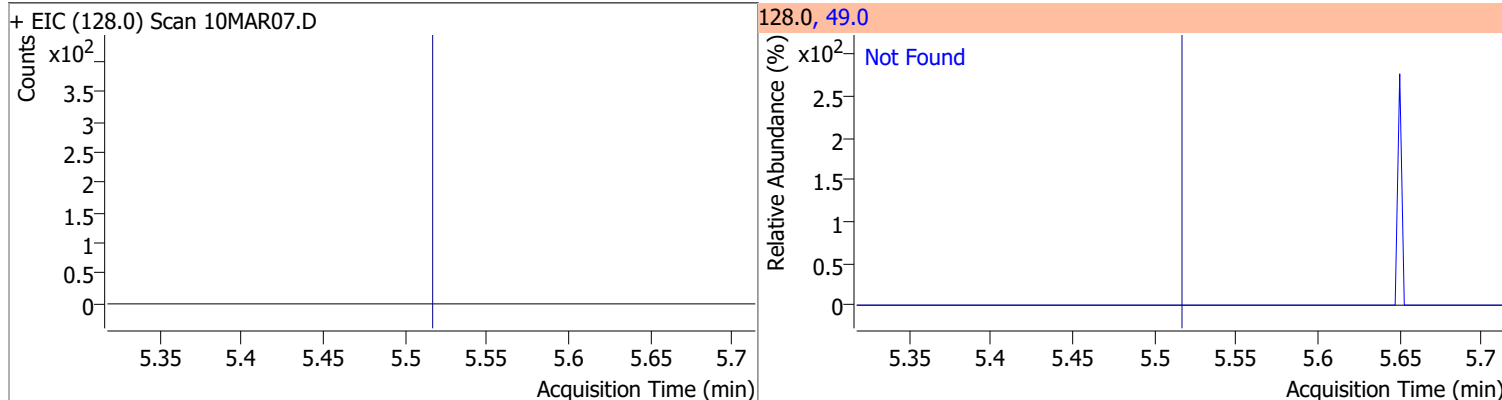
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



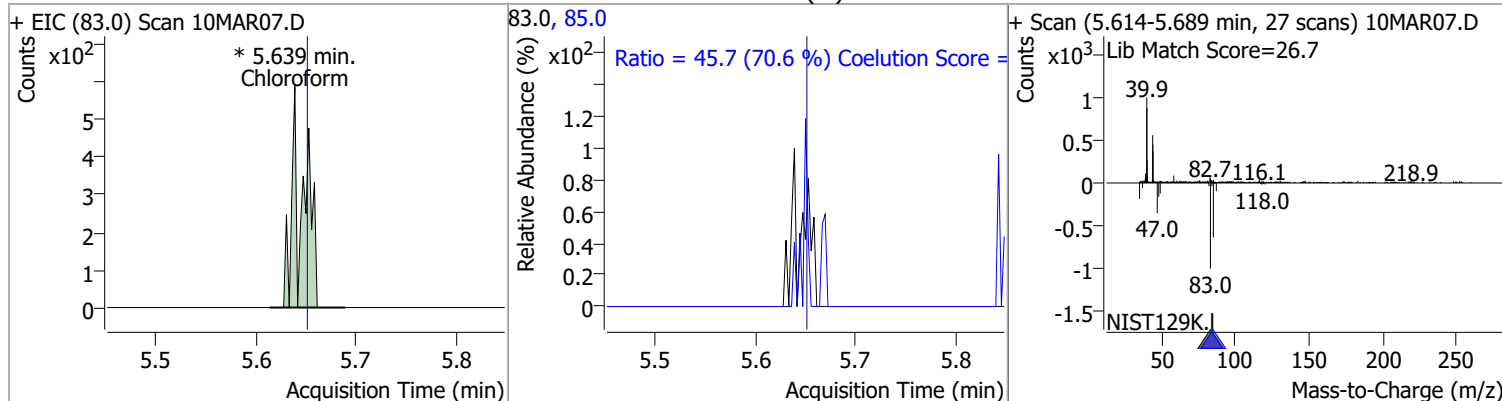
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



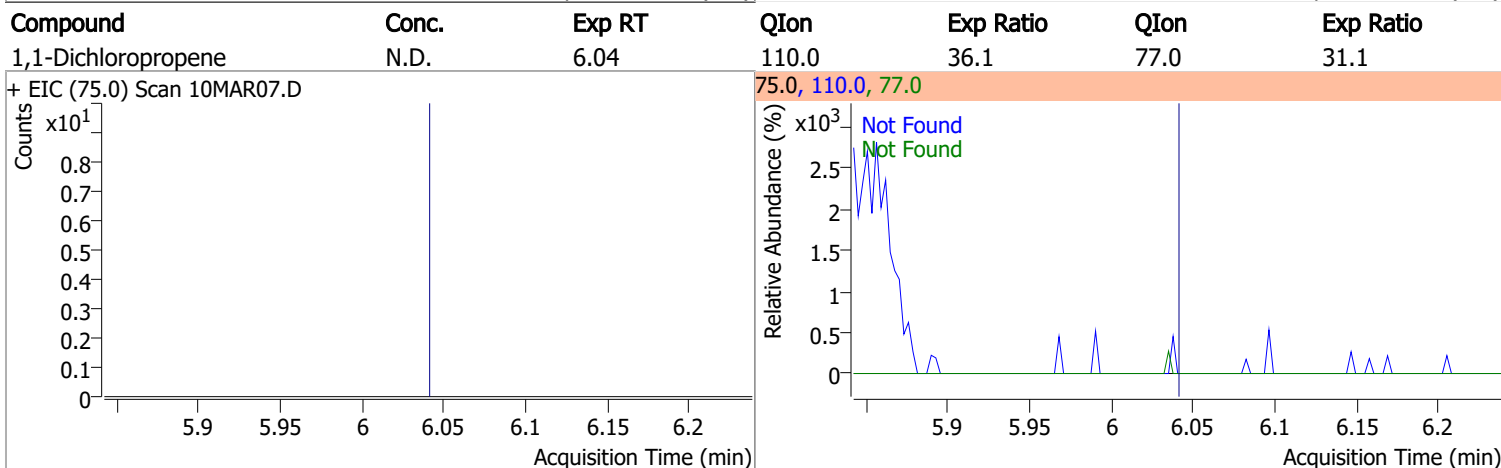
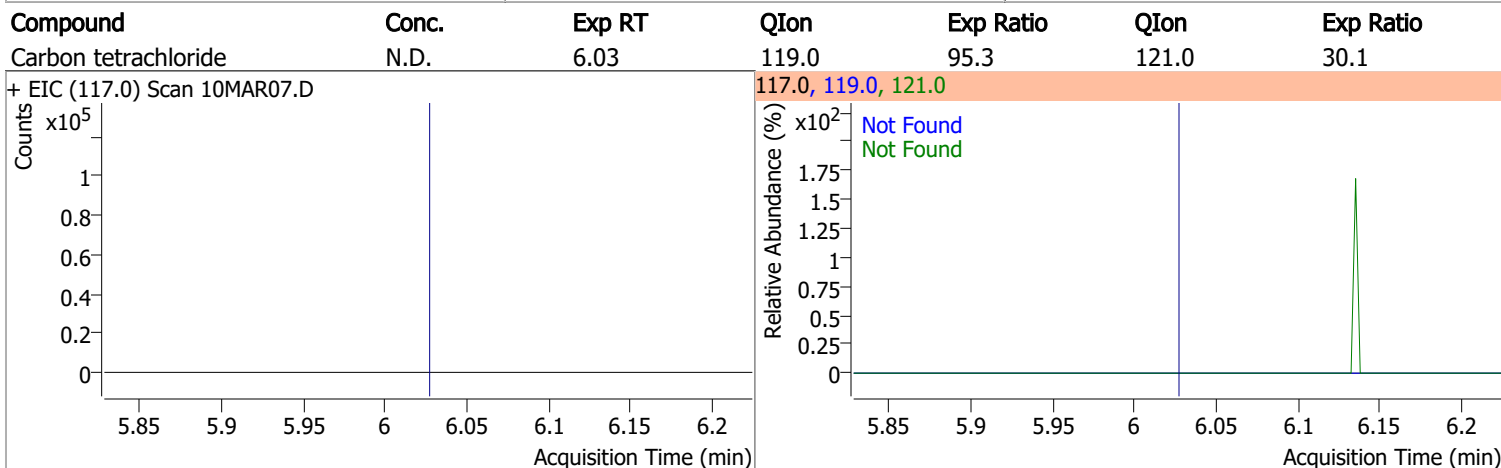
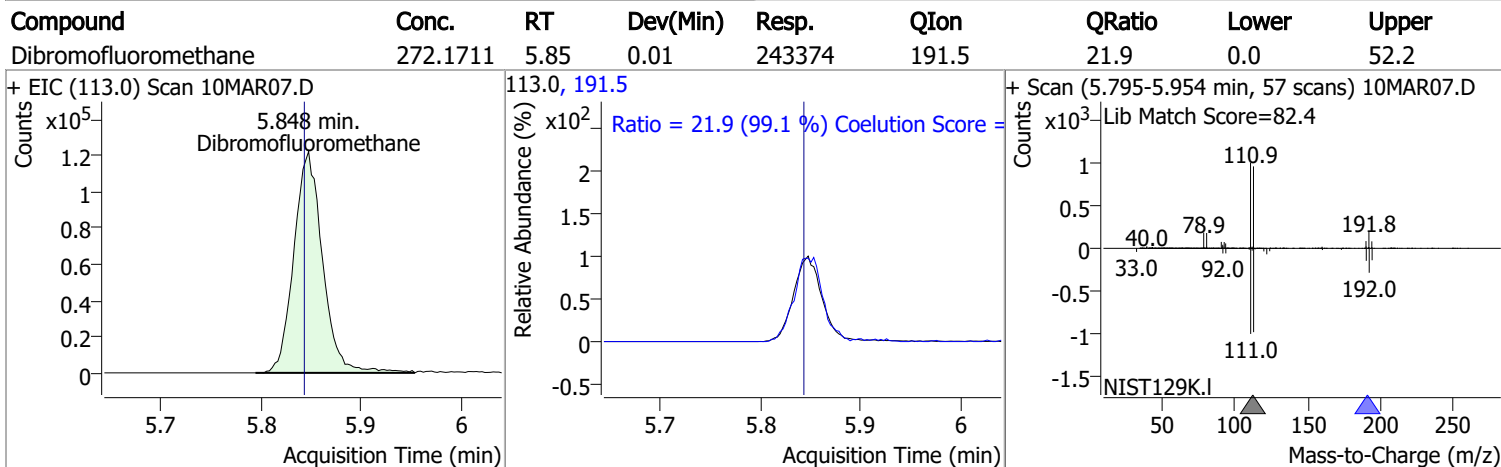
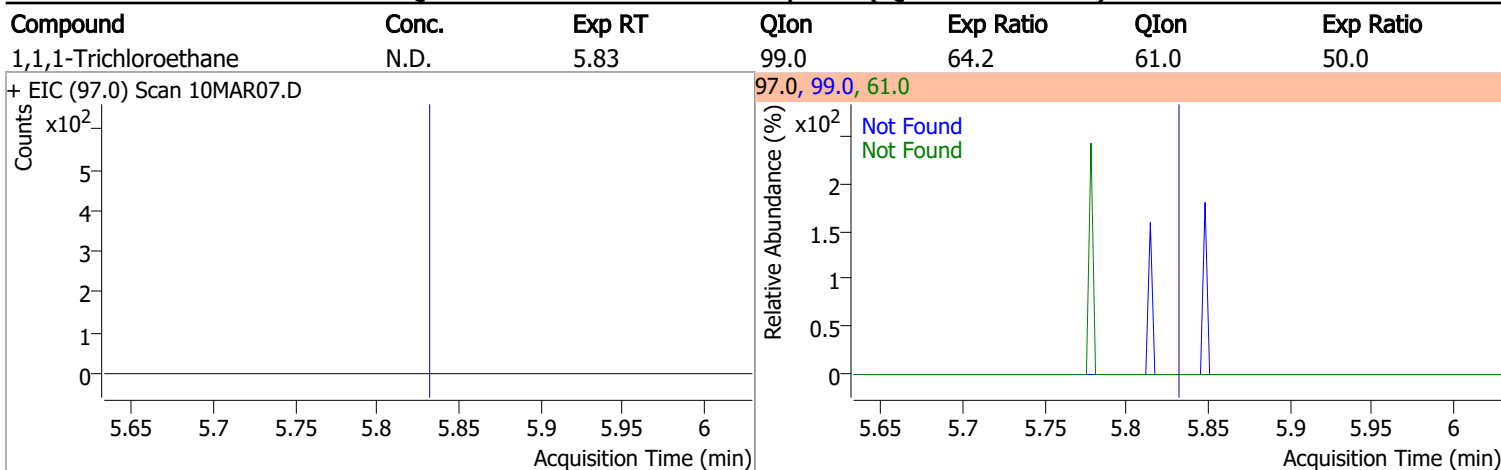
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.2869	5.64	-0.01	500 (m)	85.0	45.7	34.7	94.7

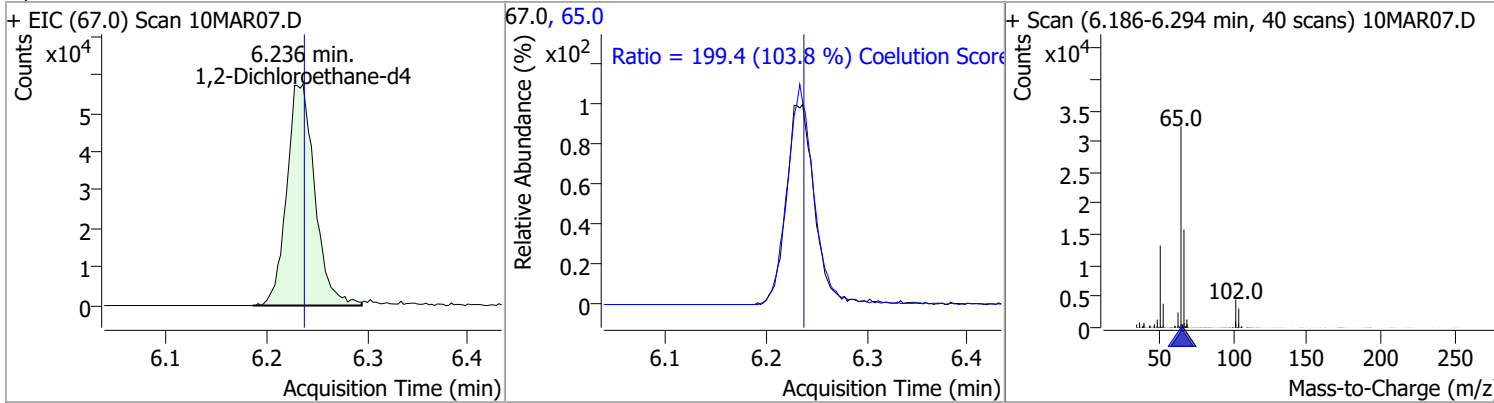


# Quantitation Results Report (QT Reviewed)

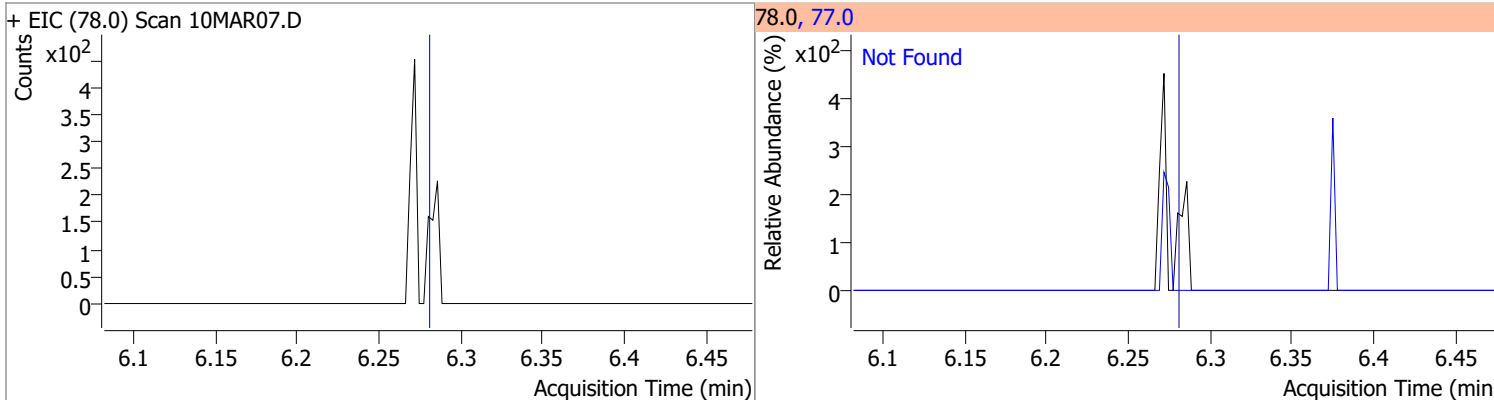


# Quantitation Results Report (QT Reviewed)

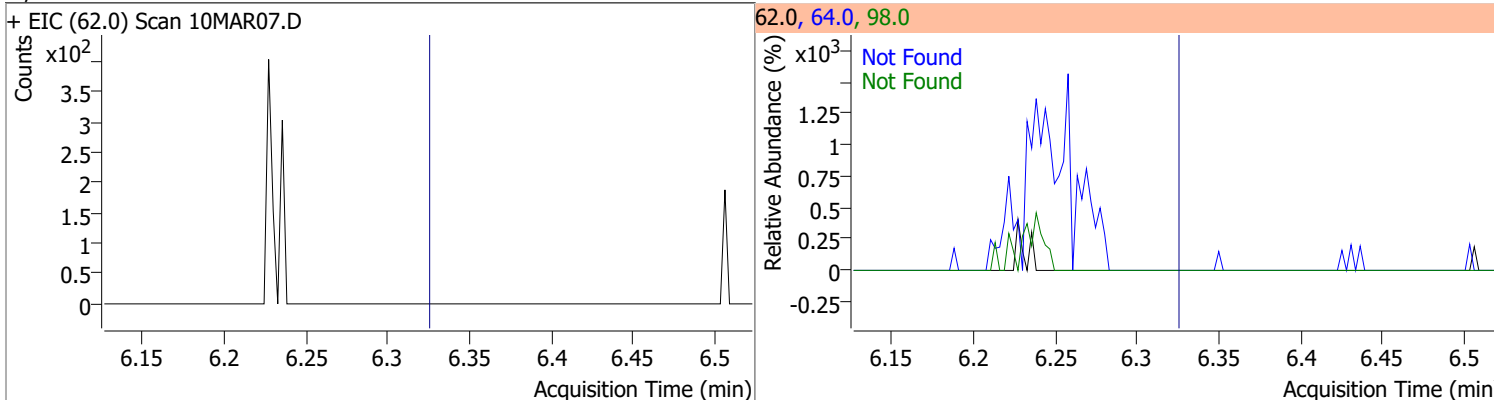
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	280.0188	6.24	0.00	111766	65.0	199.4	162.2	222.2



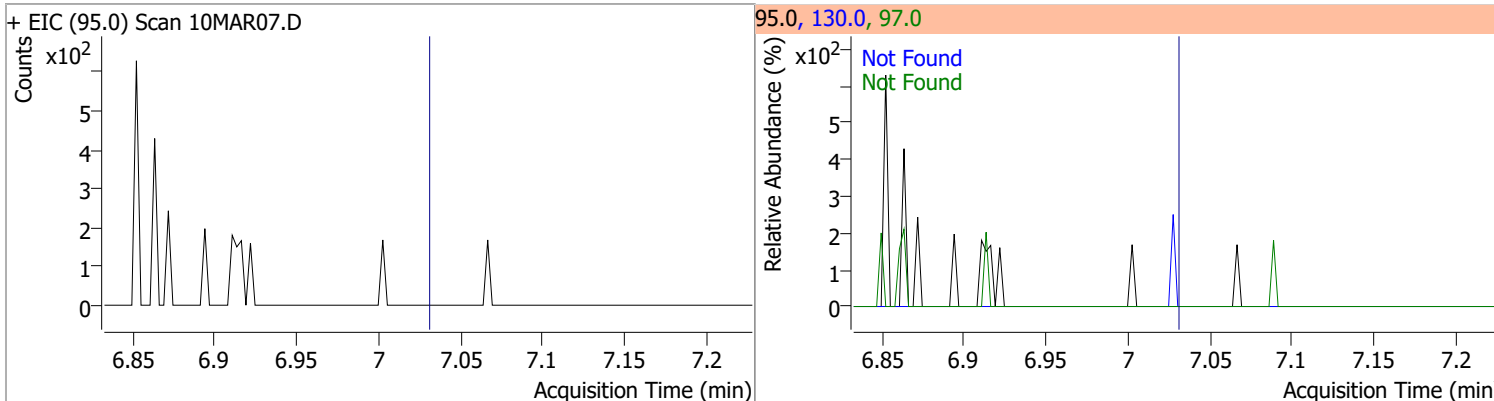
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0

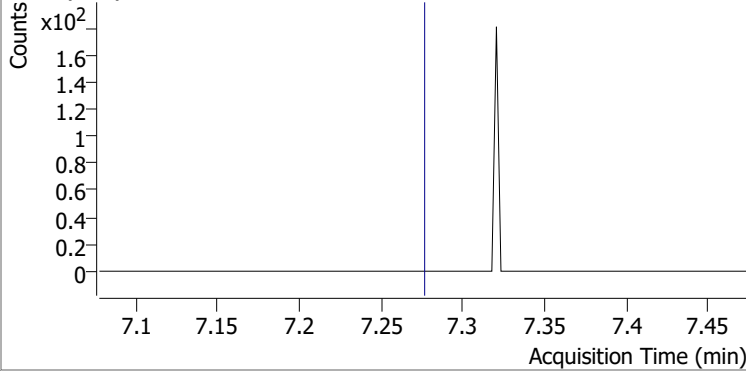
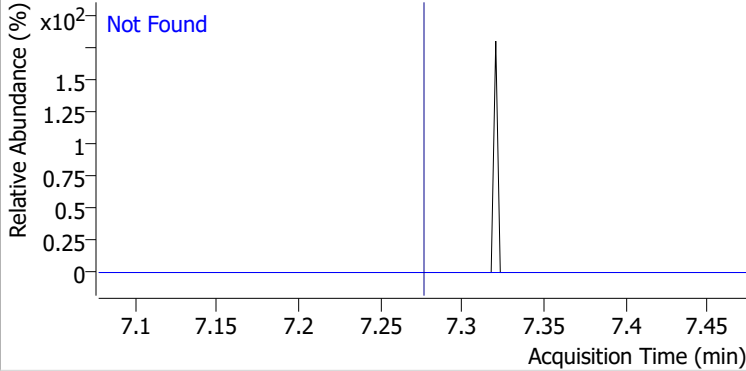
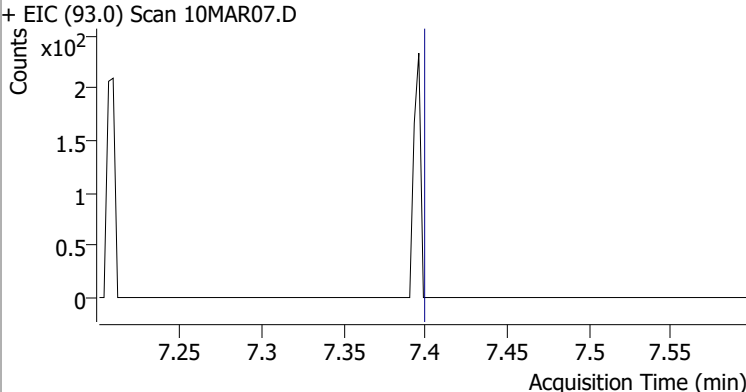
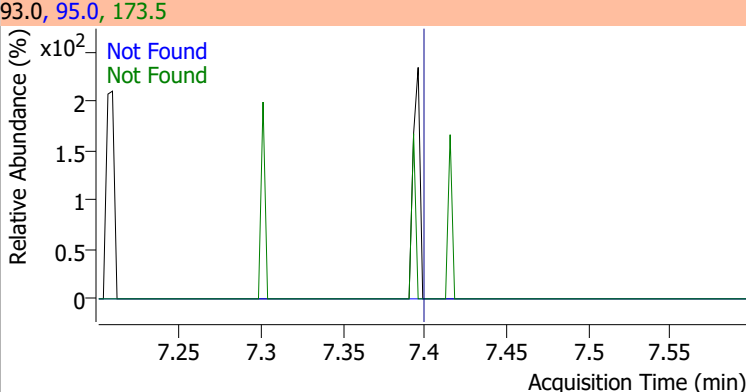
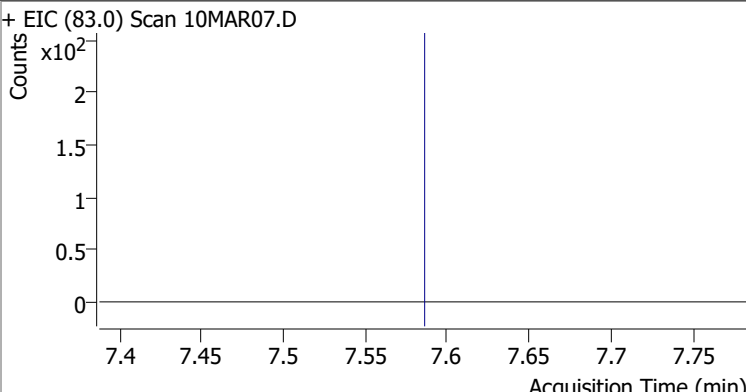
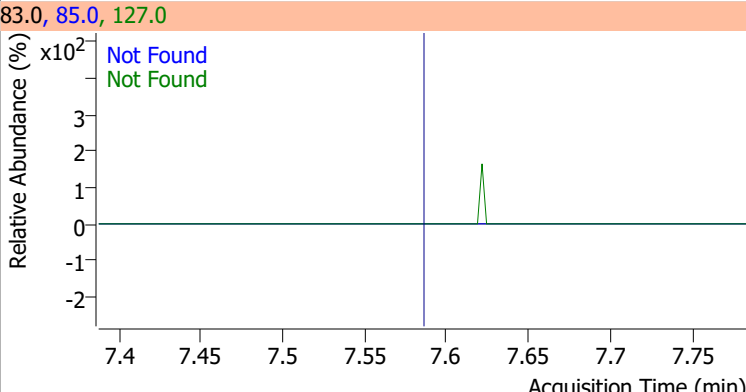
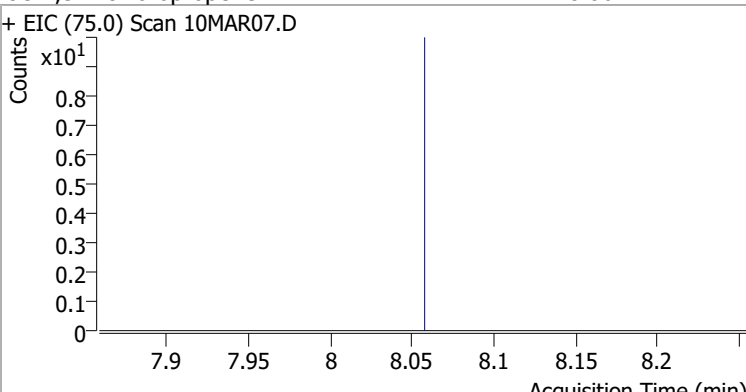
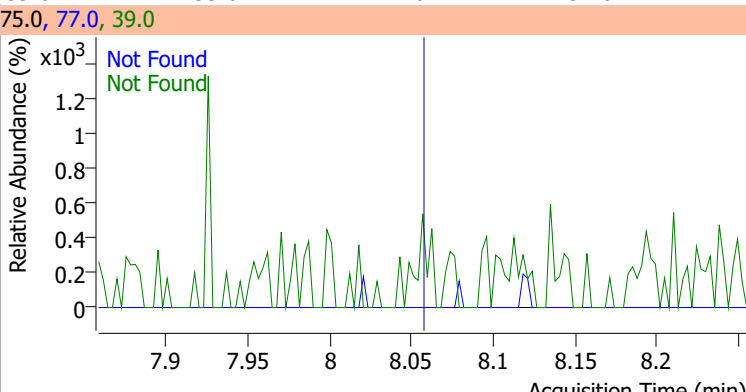


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5



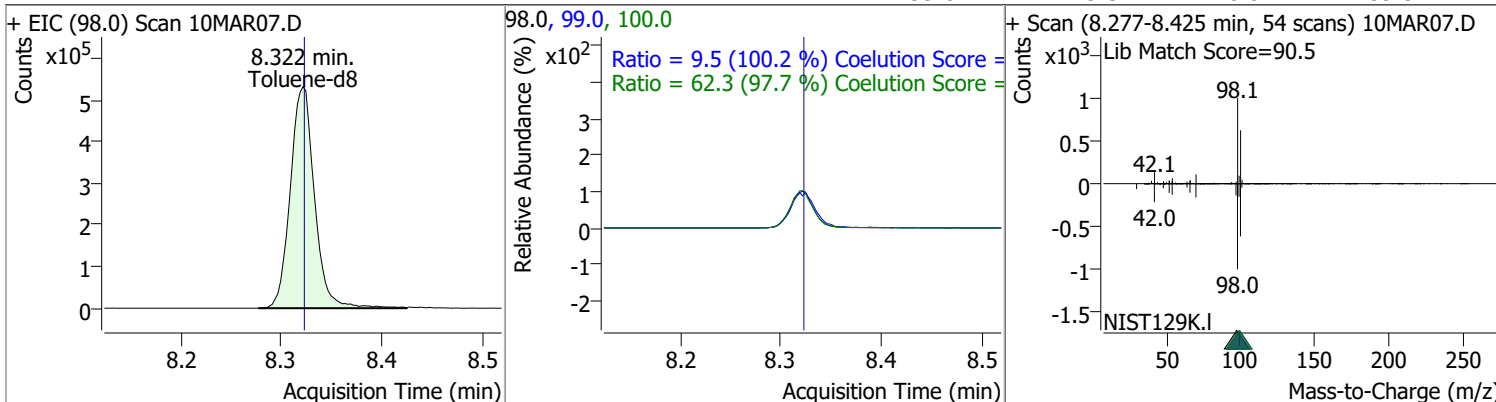


# Quantitation Results Report (QT Reviewed)

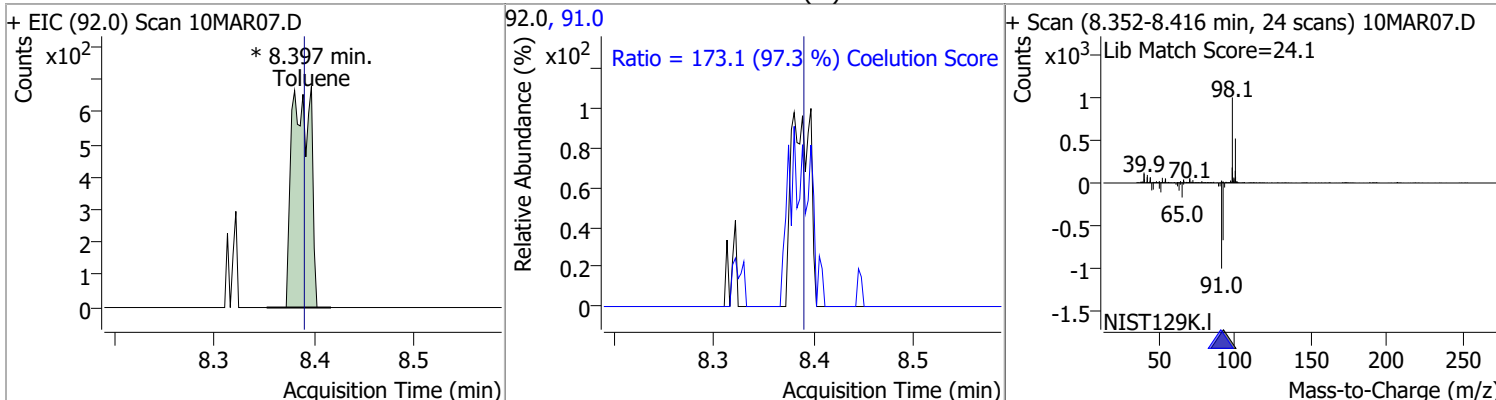
Compound	Conc.	Exp RT	QIon	Exp Ratio		
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR07.D			63.0, 76.0			
						
Dibromomethane	N.D.	7.40	173.5	108.6	QIon	Exp Ratio
+ EIC (93.0) Scan 10MAR07.D			93.0, 95.0, 173.5			
						
Bromodichloromethane	N.D.	7.59	85.0	63.2	QIon	Exp Ratio
+ EIC (83.0) Scan 10MAR07.D			83.0, 85.0, 127.0			
						
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	QIon	Exp Ratio
+ EIC (75.0) Scan 10MAR07.D			75.0, 77.0, 39.0			
						

# Quantitation Results Report (QT Reviewed)

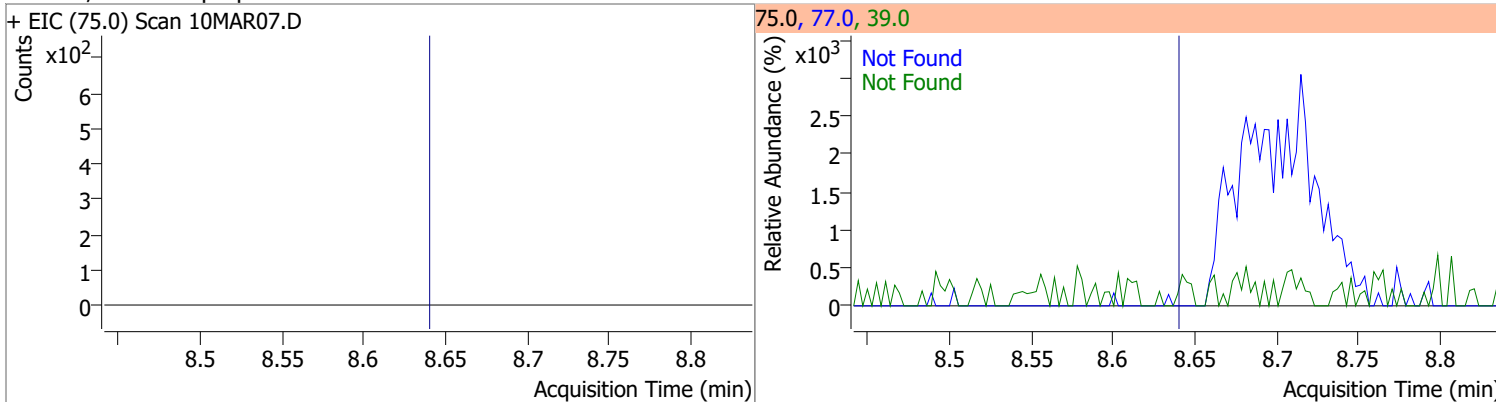
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	235.8531	8.32	0.00	889977	100.0	62.3	33.7	93.7
					99.0	9.5	0.0	39.5



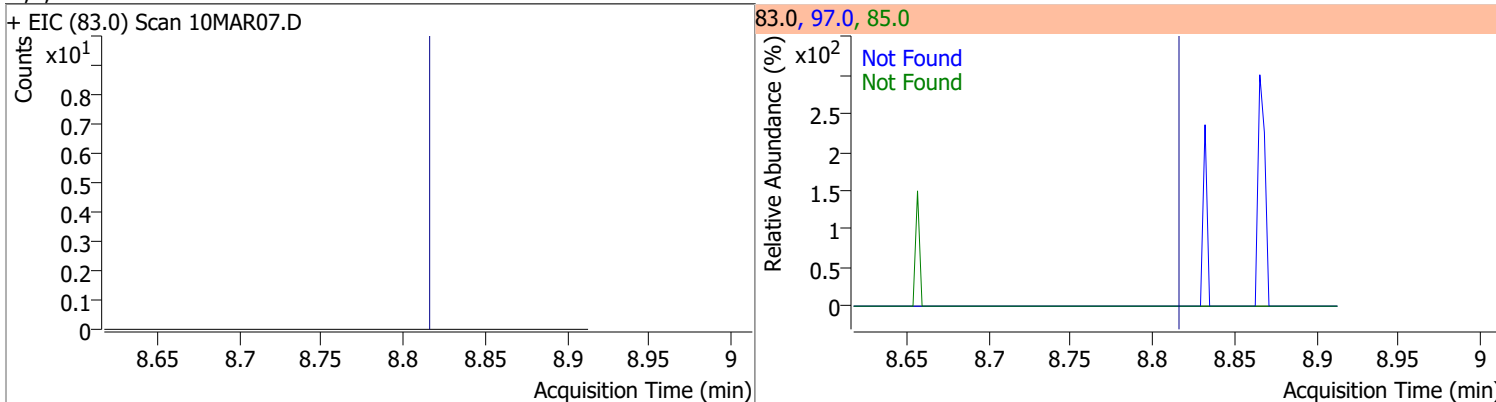
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.3769	8.40	0.01	880 (m)	91.0	173.1	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

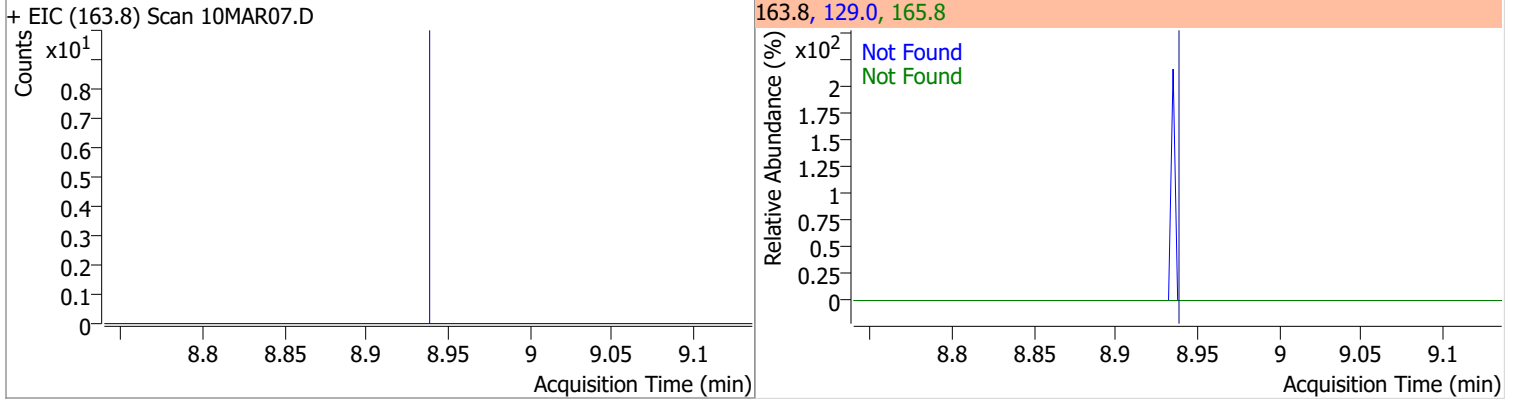


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

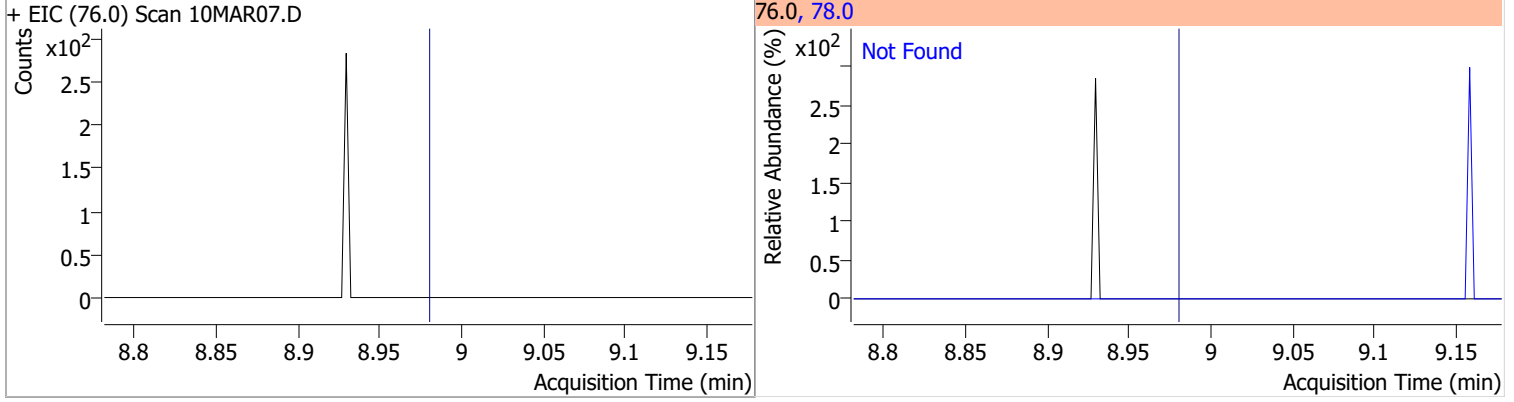


# Quantitation Results Report (QT Reviewed)

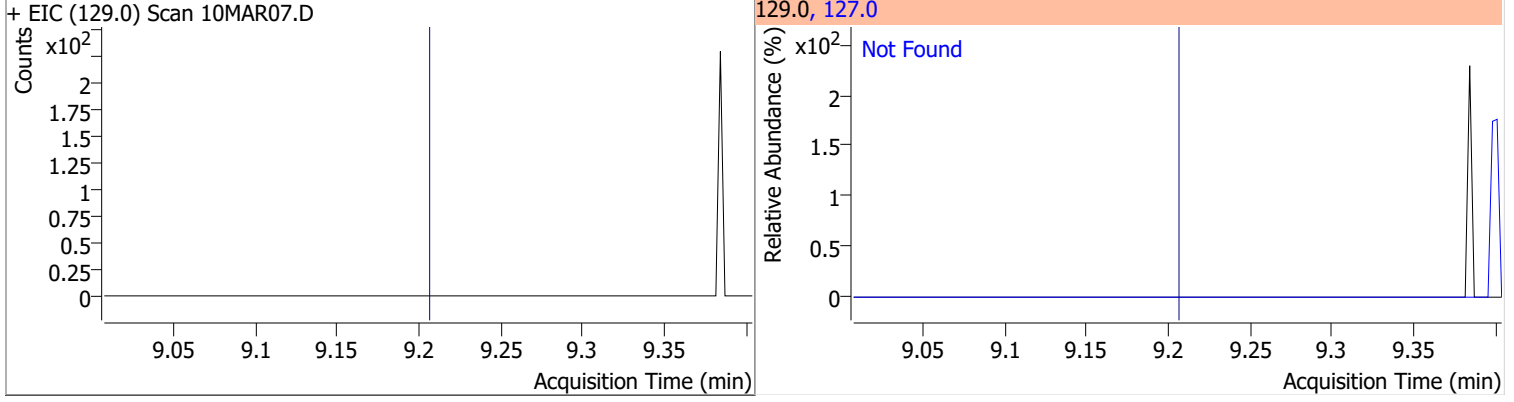
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



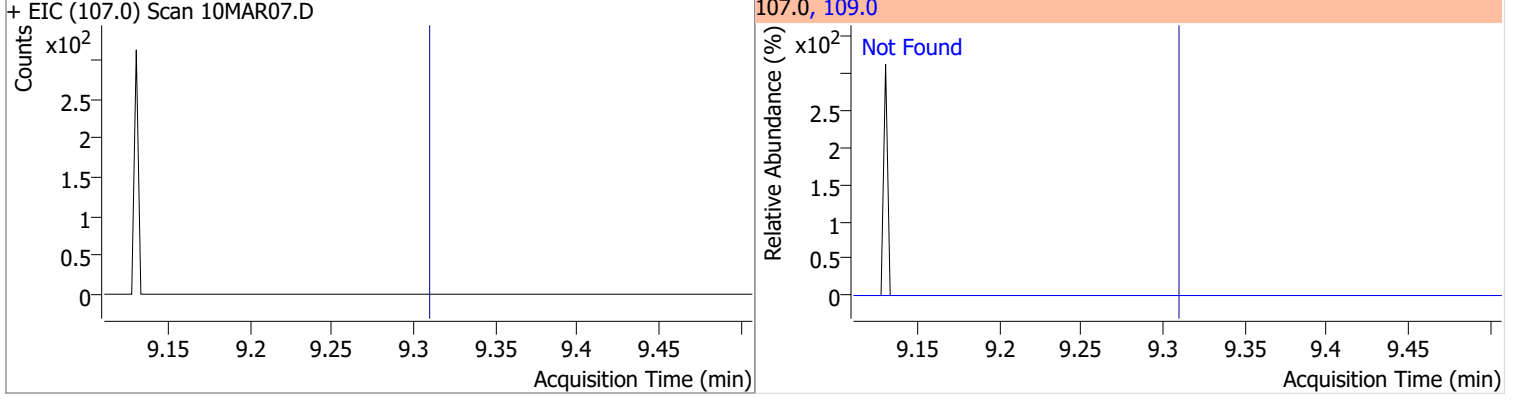
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



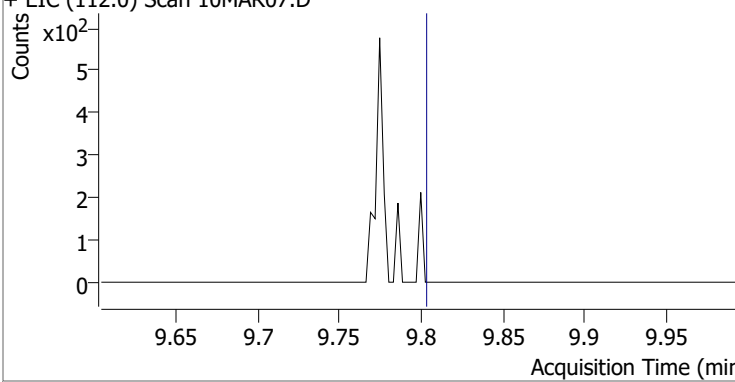
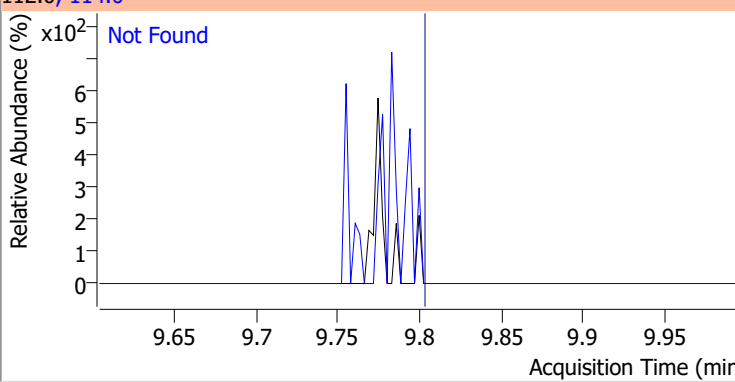
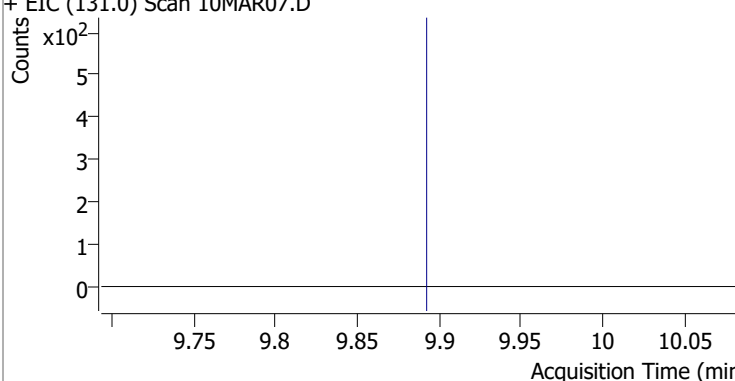
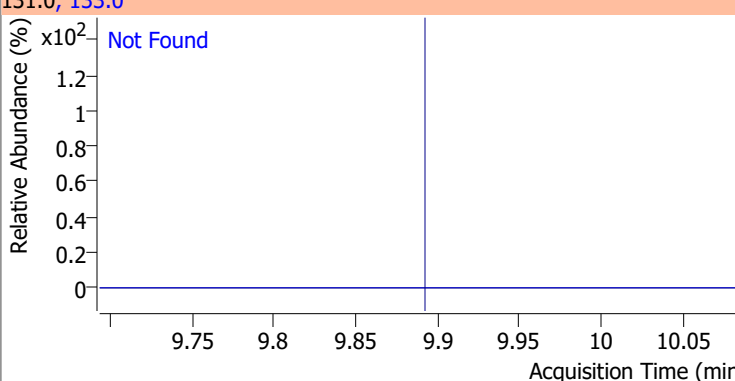
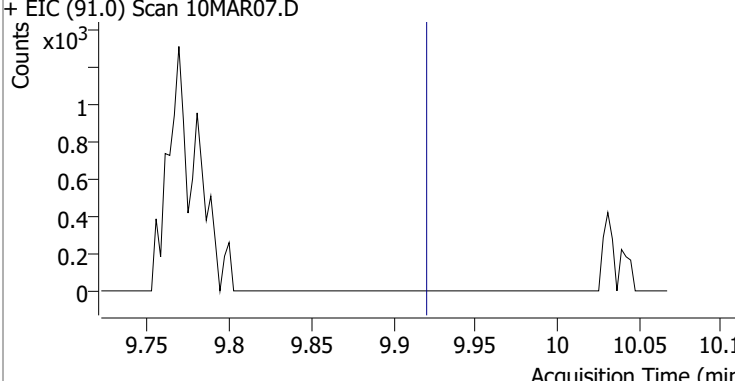
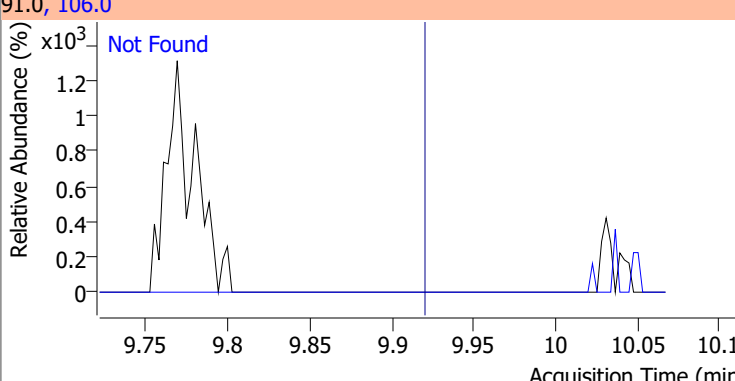
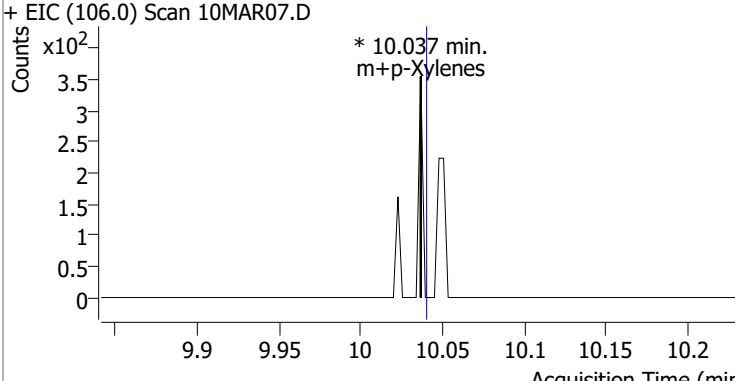
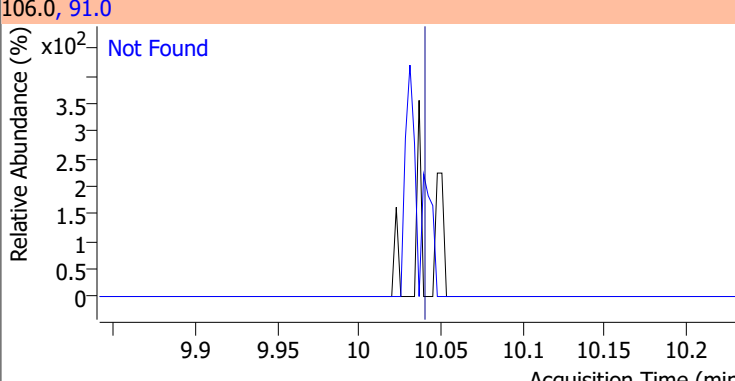
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4

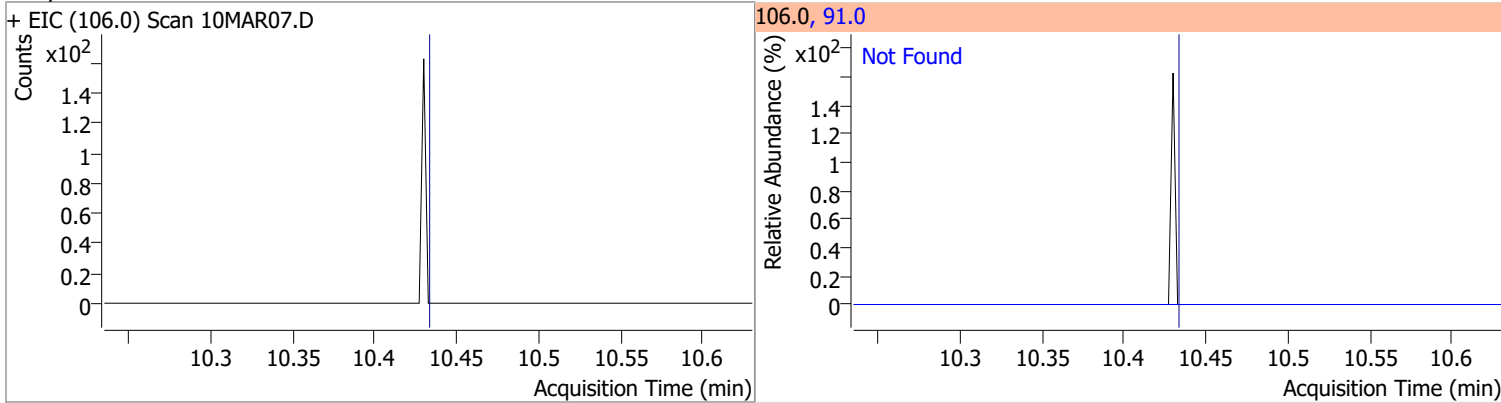


# Quantitation Results Report (QT Reviewed)

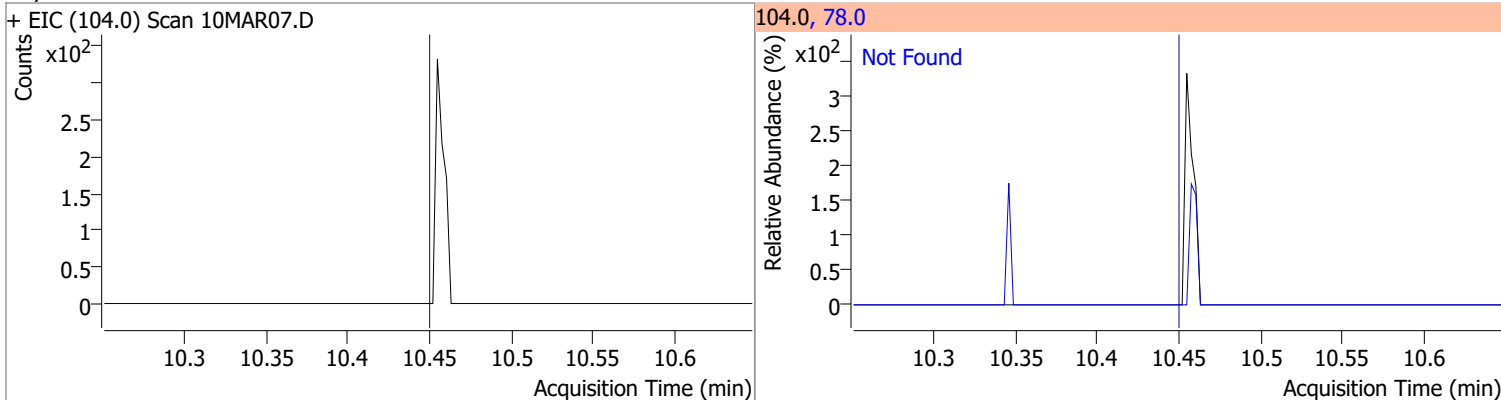
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR07.D				
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR07.D				
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR07.D				
				
m+p-Xylenes		0	91.0	173.1 / 233.1
+ EIC (106.0) Scan 10MAR07.D				
				

# Quantitation Results Report (QT Reviewed)

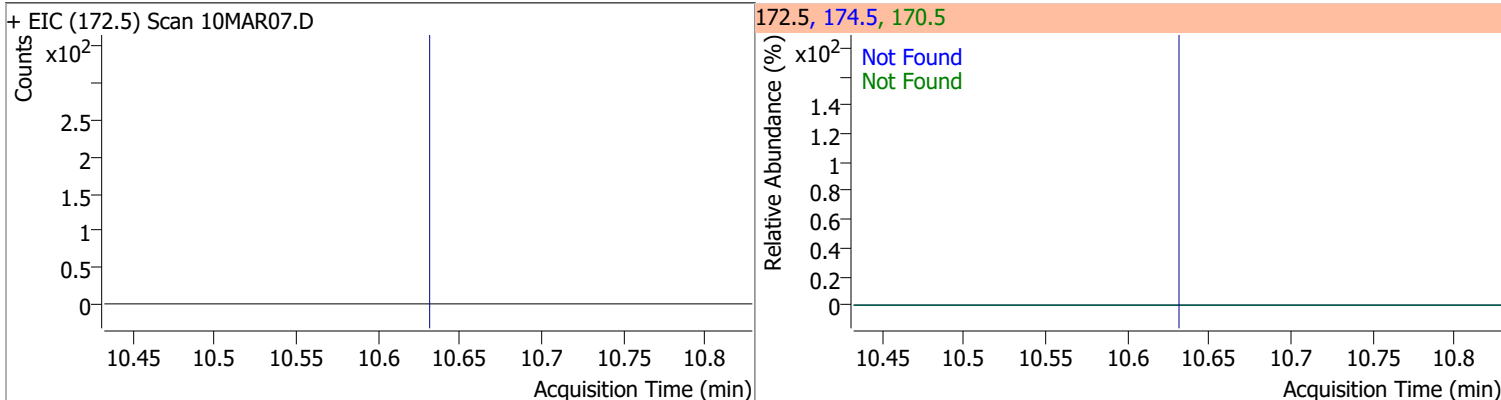
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	215.1



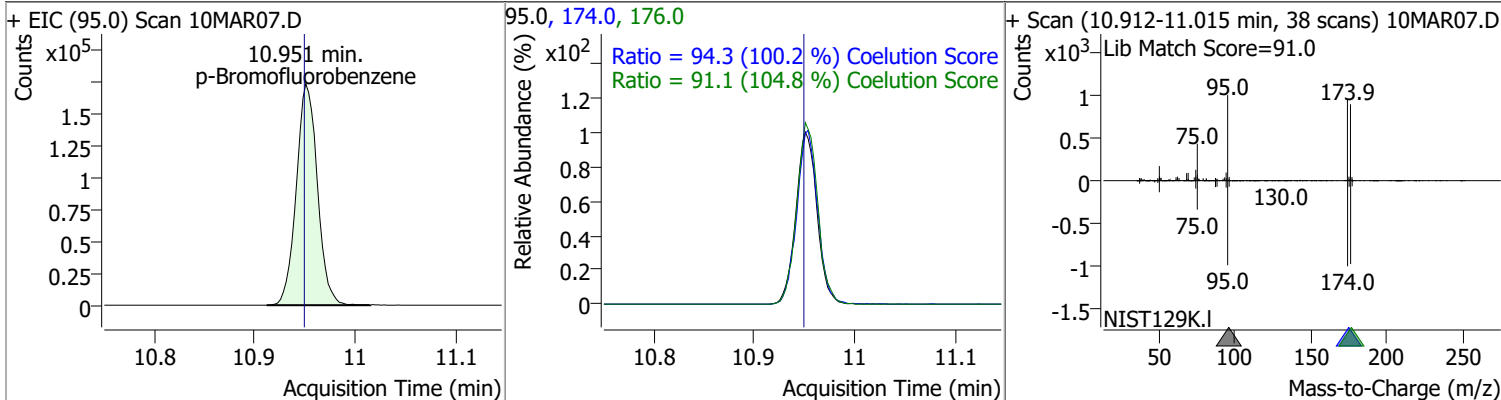
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.8



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.5	174.5	48.3



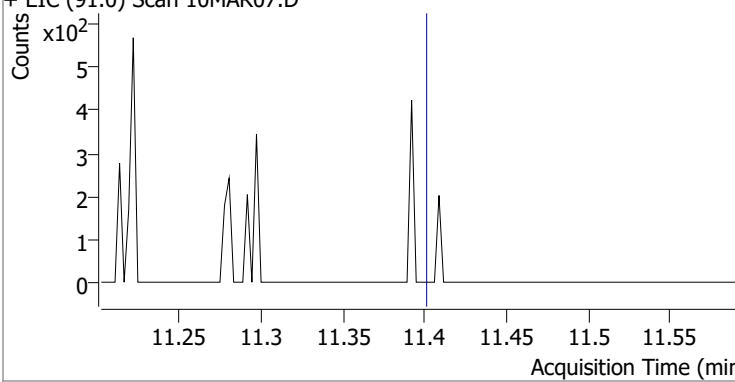
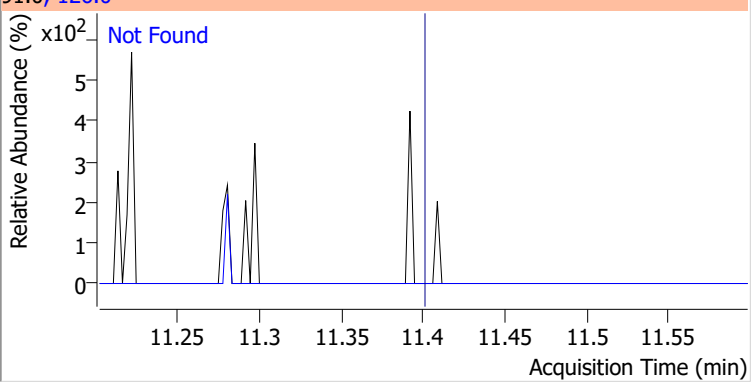
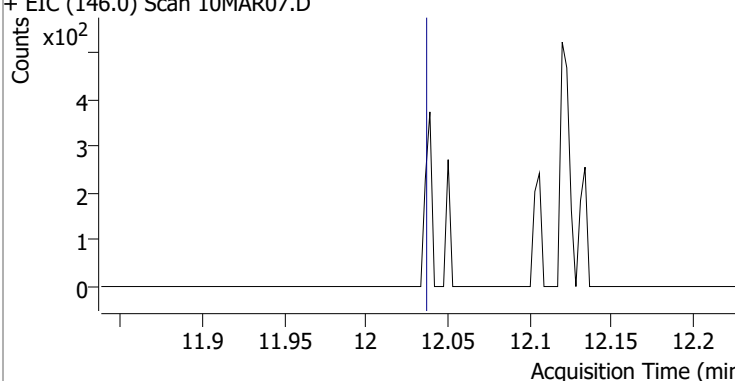
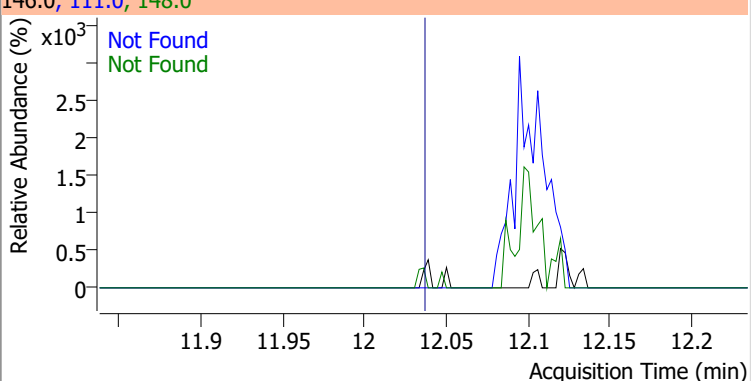
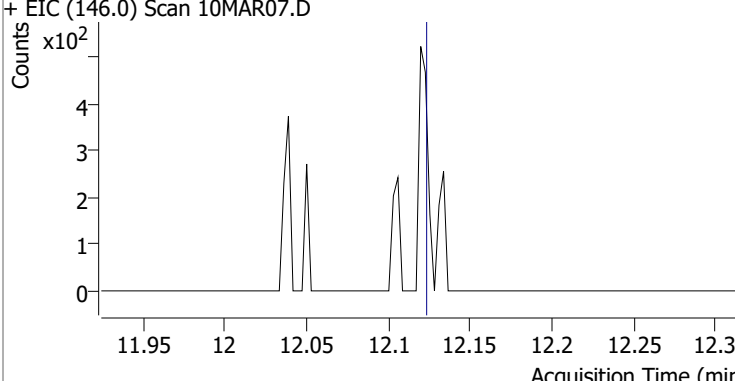
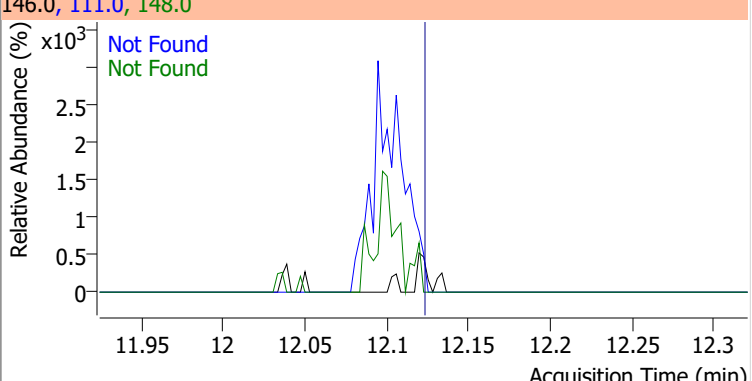
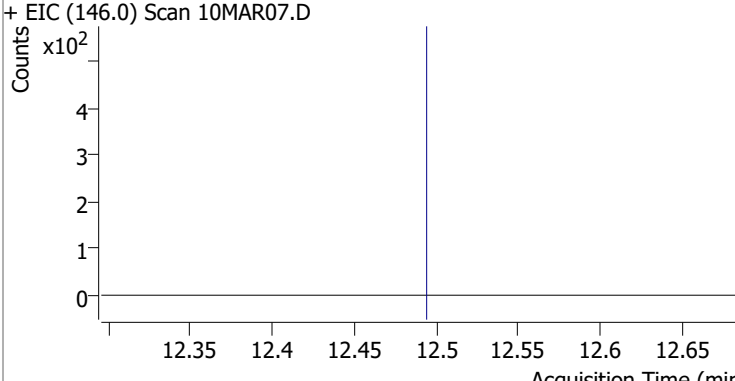
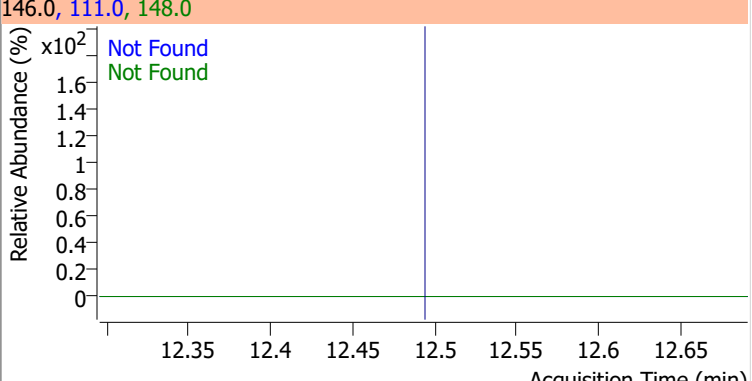
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	272.7600	10.95	0.00	252948	174.0	94.3	64.2	124.2
					176.0	91.1	56.9	116.9



# Quantitation Results Report (QT Reviewed)

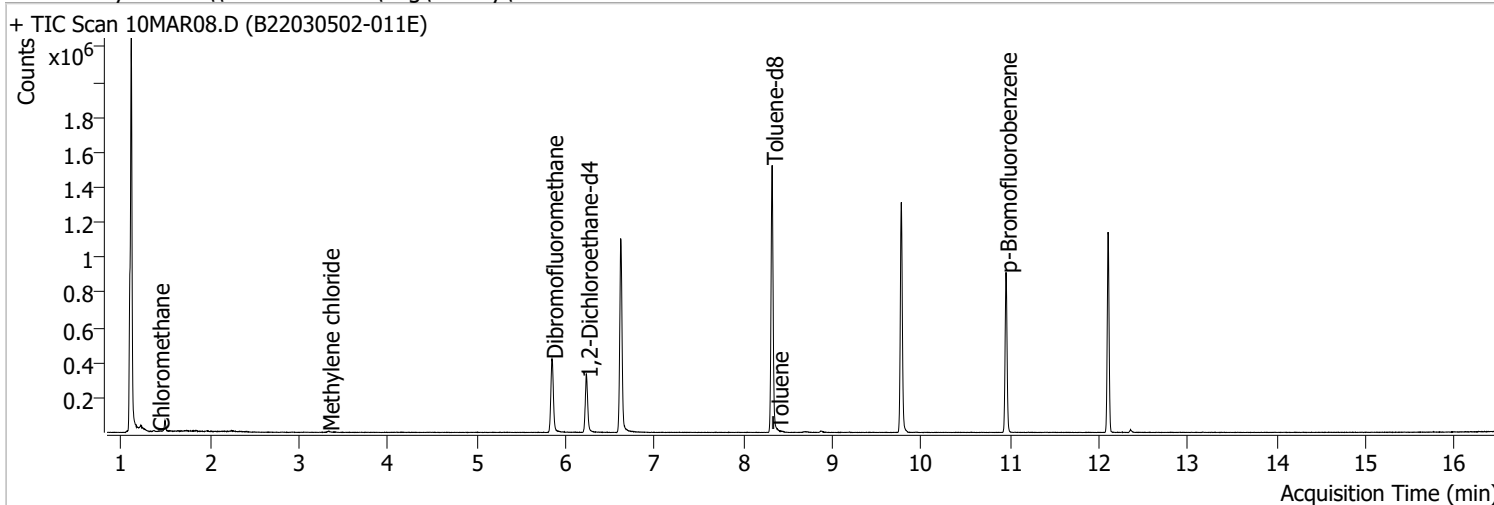
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR07.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR07.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR07.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR07.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.5
+ EIC (91.0) Scan 10MAR07.D			91.0, 126.0	
				
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3
+ EIC (146.0) Scan 10MAR07.D			146.0, 111.0, 148.0	
				
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5
+ EIC (146.0) Scan 10MAR07.D			146.0, 111.0, 148.0	
				
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9
+ EIC (146.0) Scan 10MAR07.D			146.0, 111.0, 148.0	
				

# Quantitation Results Report (QT Reviewed)

Data File	10MAR08.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 3:17:47 PM
Sample Name	B22030502-011E	Instrument	VOA5975C
Vial	8	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
----------	----	------	-------	-------	-------	----------

**Internal Standards**

M Fluorobenzene	6.618	96.0	913229	250.0000	ng	-0.003
M Chlorobenzene-d5	9.774	82.0	362460	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	262381	250.0000	ng	0.003

**System Monitoring Compounds**

S Dibromofluoromethane	5.845	113.0	253285	272.9613	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.18%		
S 1,2-Dichloroethane-d4	6.236	67.0	117269	283.1290	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 113.25%		
S Toluene-d8	8.321	98.0	924725	239.2994	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.72%		
S p-Bromofluorobenzene	10.951	95.0	260424	269.1769	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.67%		

**Target Compounds**

Compound	RT	QIon	Resp.	Conc.	Units	QValue
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.420	50.0	1966	1.2859	ng m	92
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.333	49.0	4460	3.1700	ng	89
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	0.000		0	N.D.		

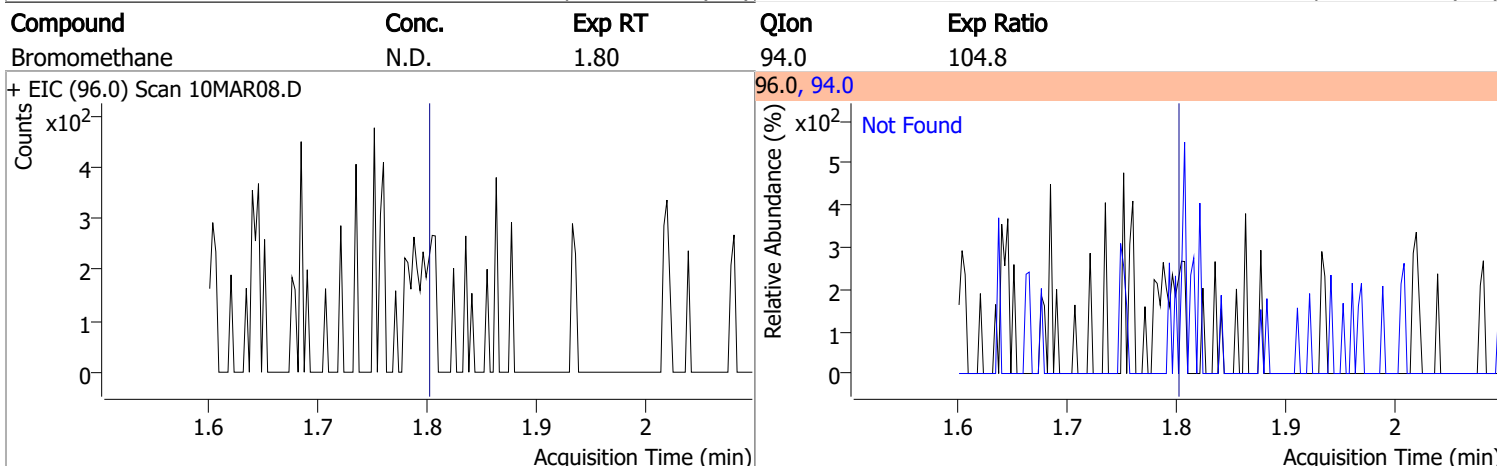
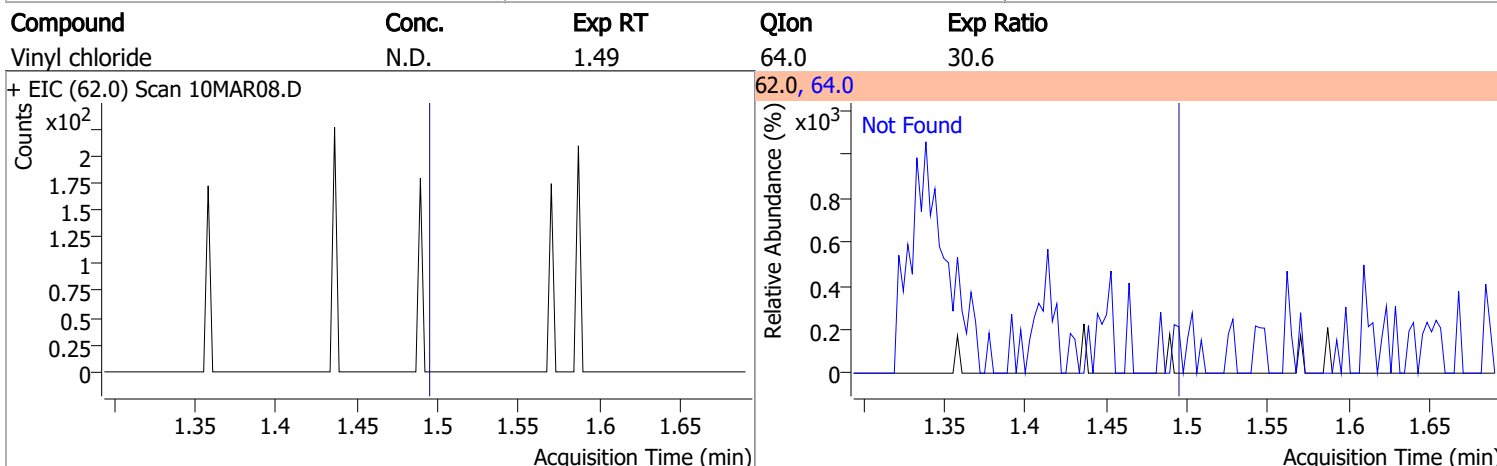
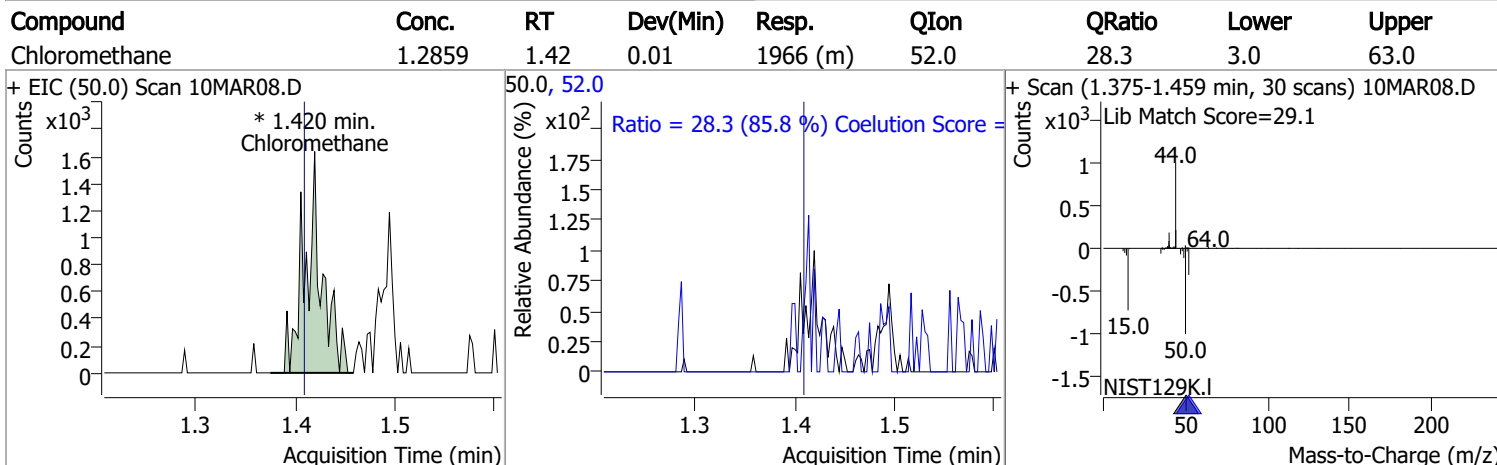
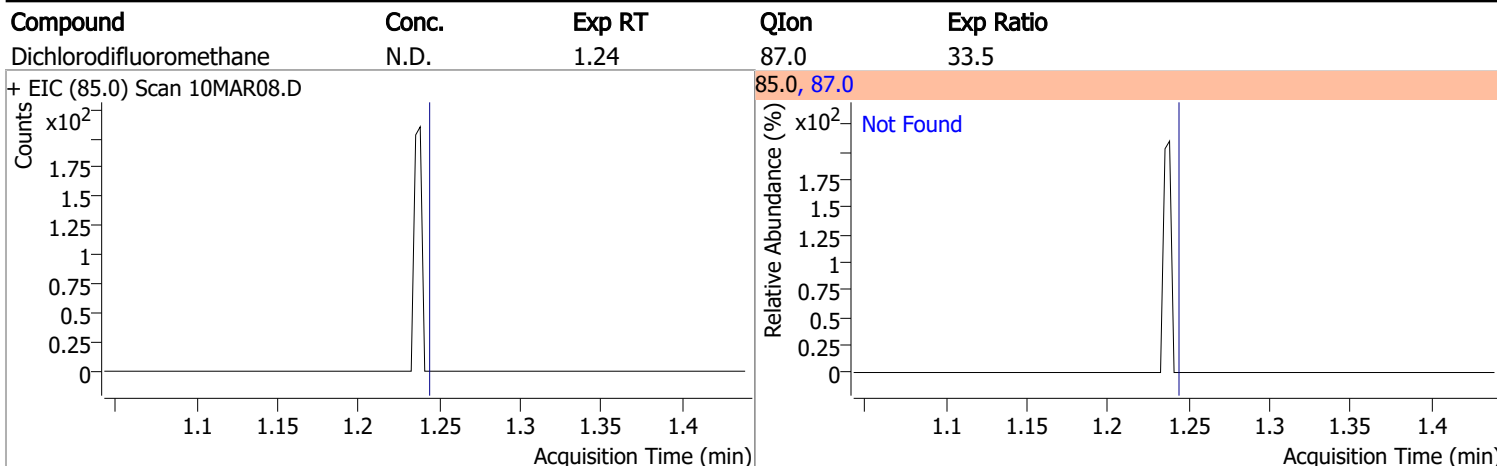


# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.380	92.0	509	0.2127	ng m	98
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

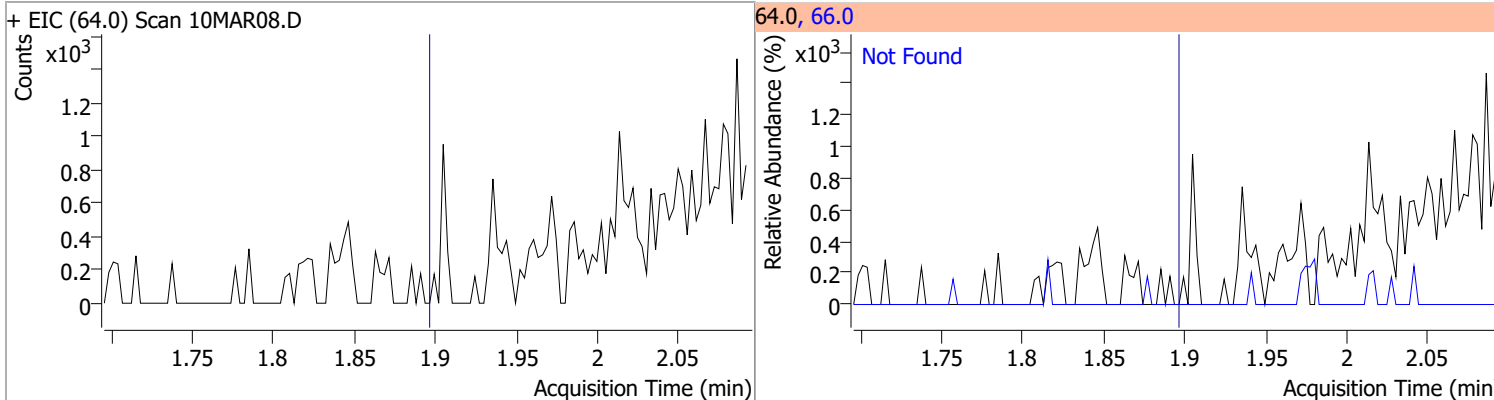
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

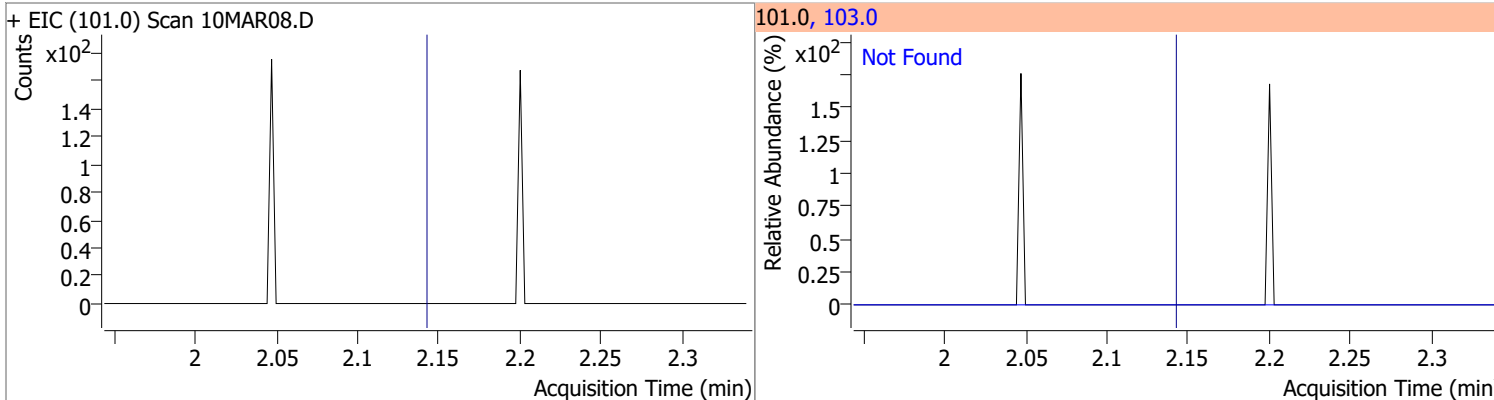


# Quantitation Results Report (QT Reviewed)

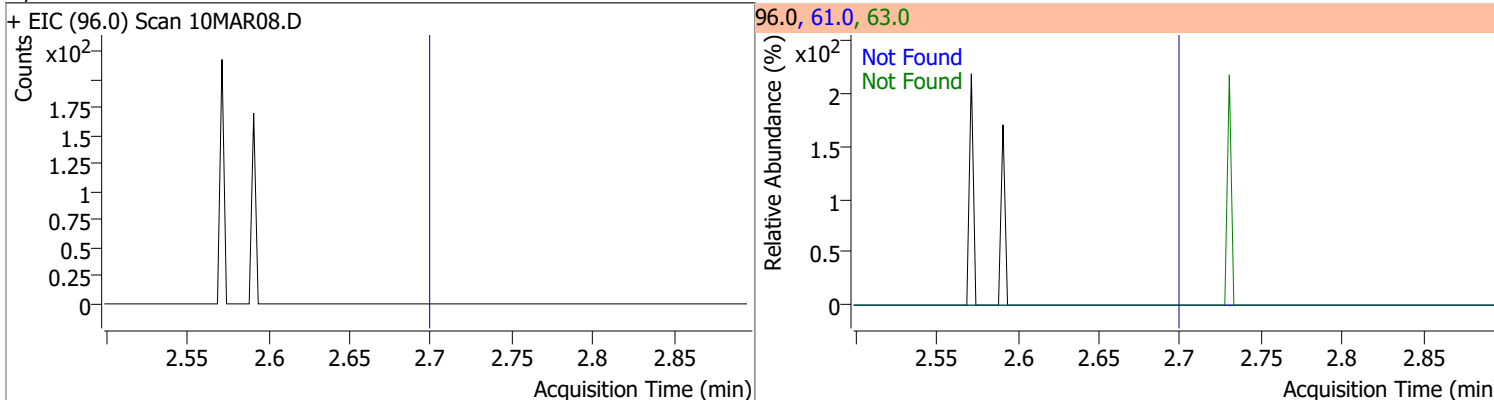
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



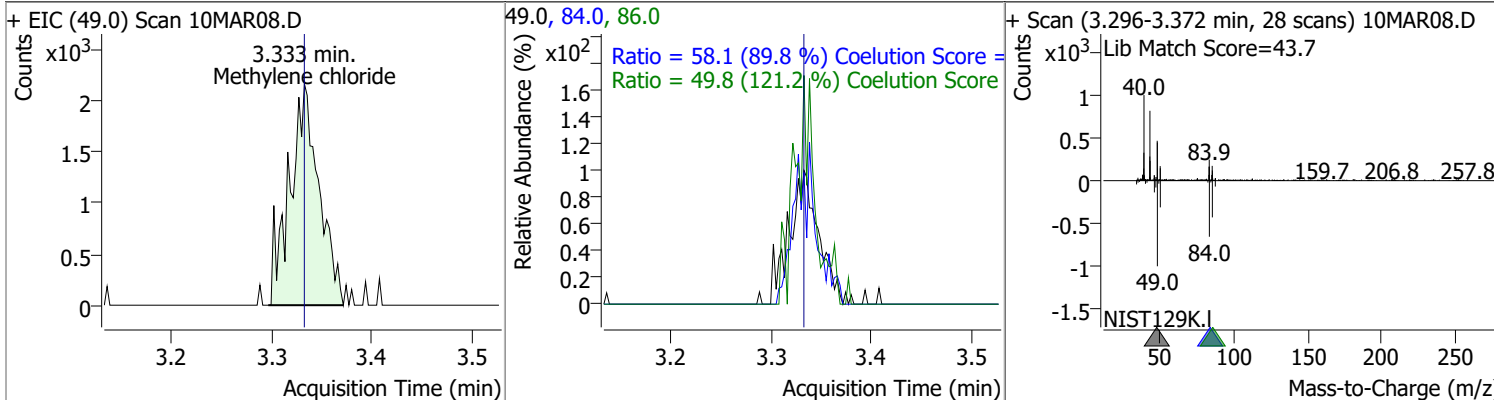
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



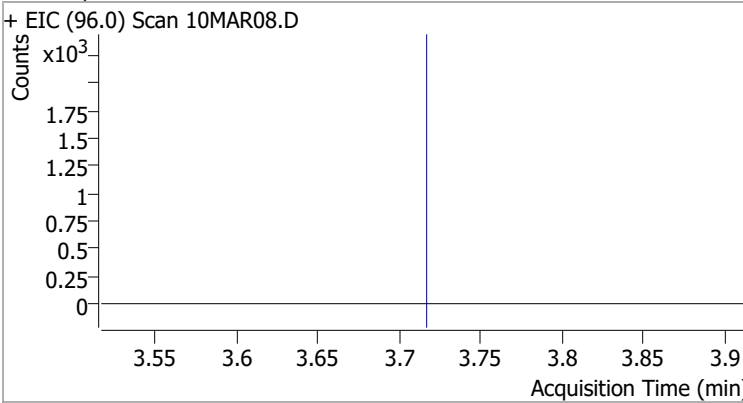
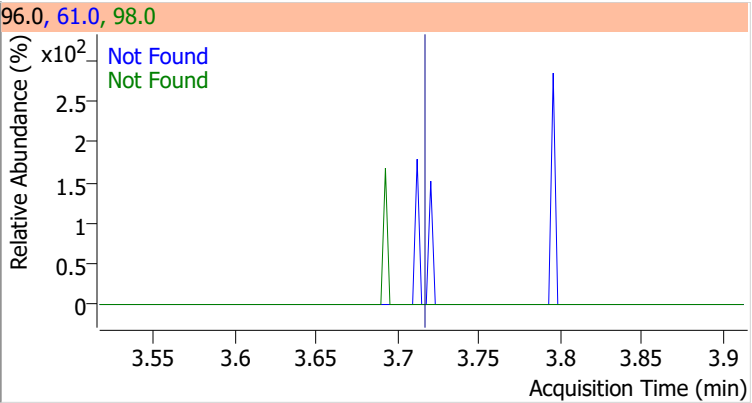
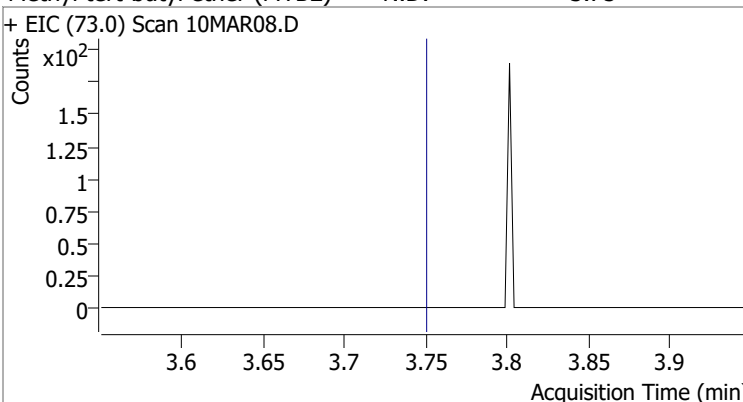
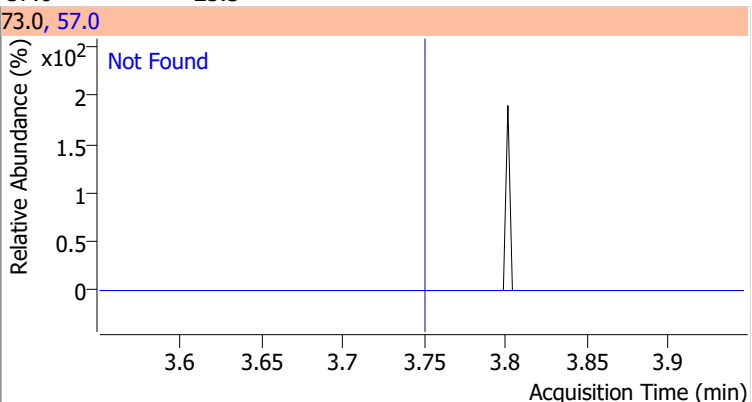
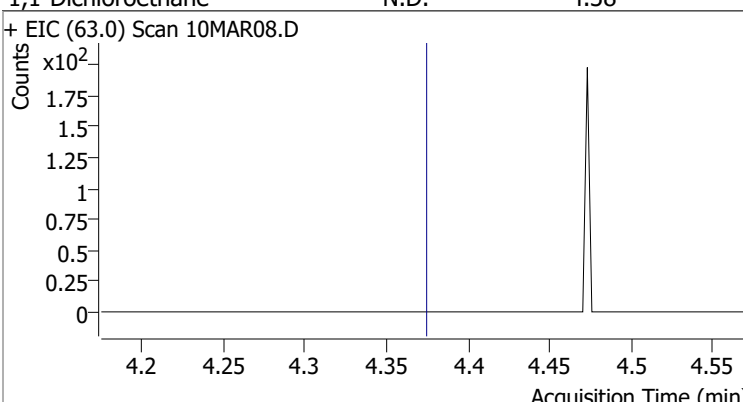
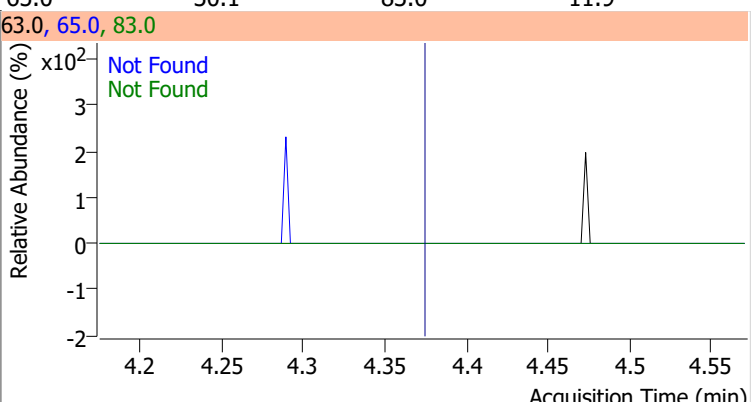
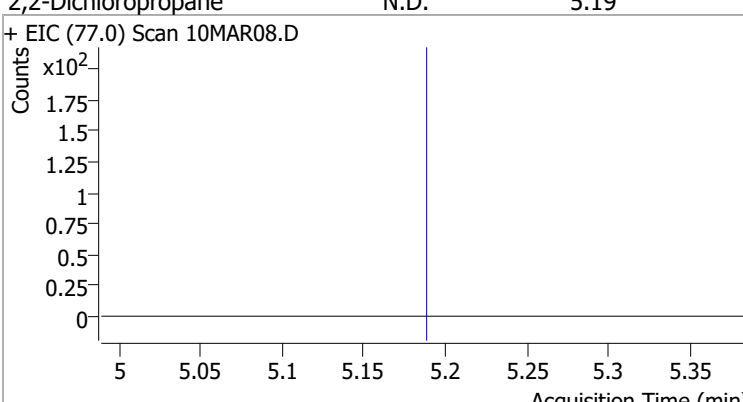
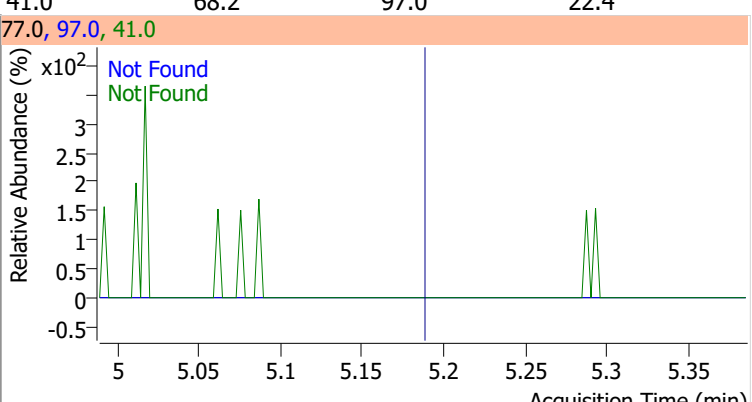
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	3.1700	3.33	0.00	4460	84.0	58.1	34.7	94.7
					86.0	49.8	11.1	71.1

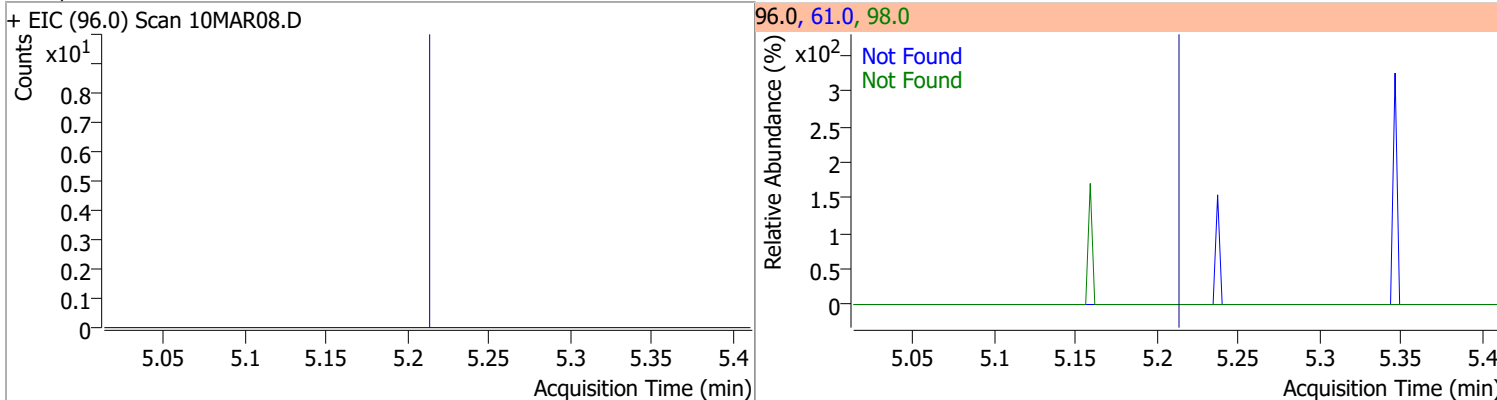


# Quantitation Results Report (QT Reviewed)

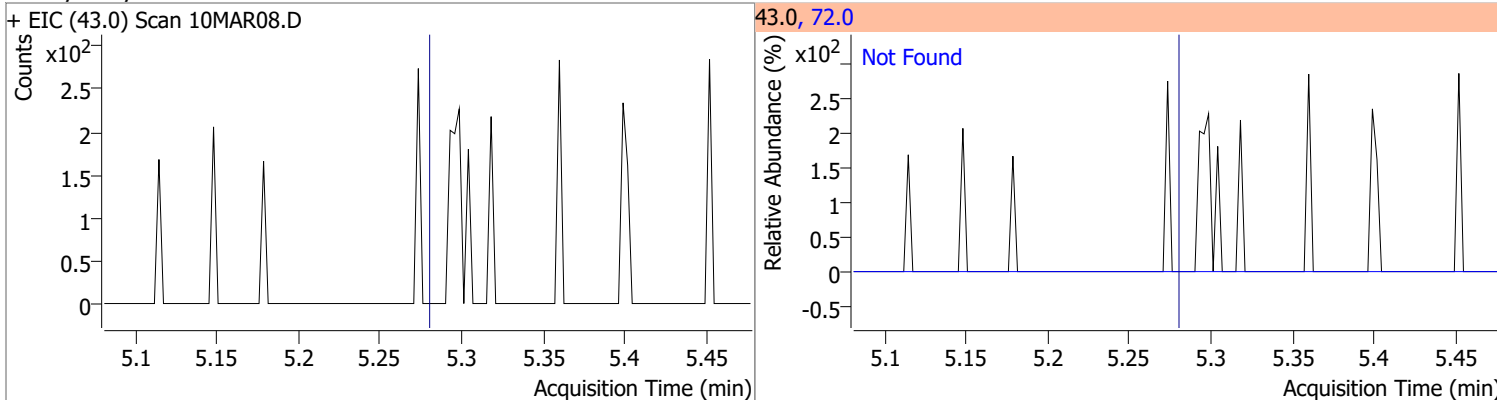
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 10MAR08.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 10MAR08.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 10MAR08.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 10MAR08.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

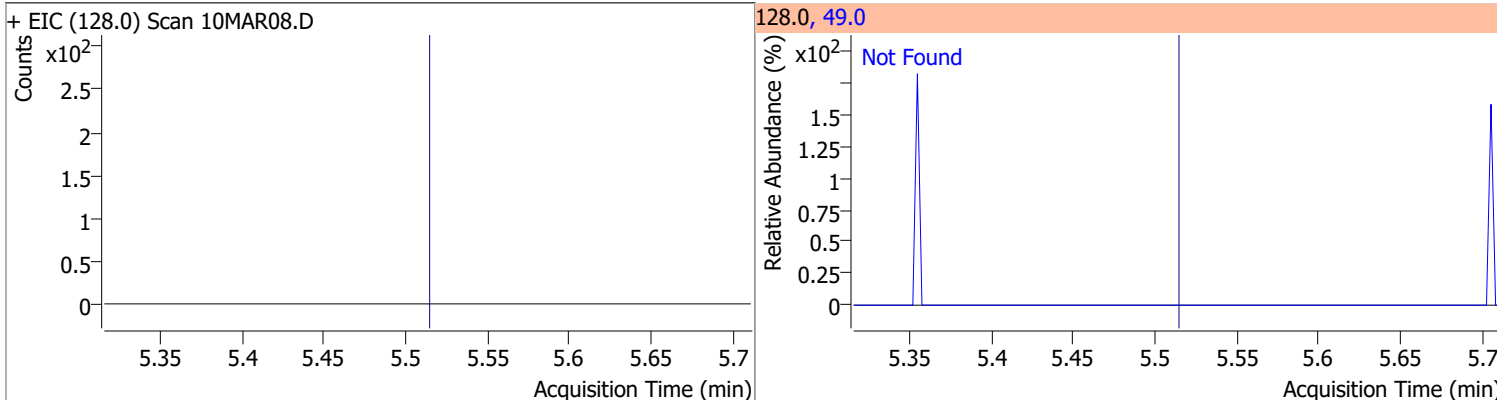
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



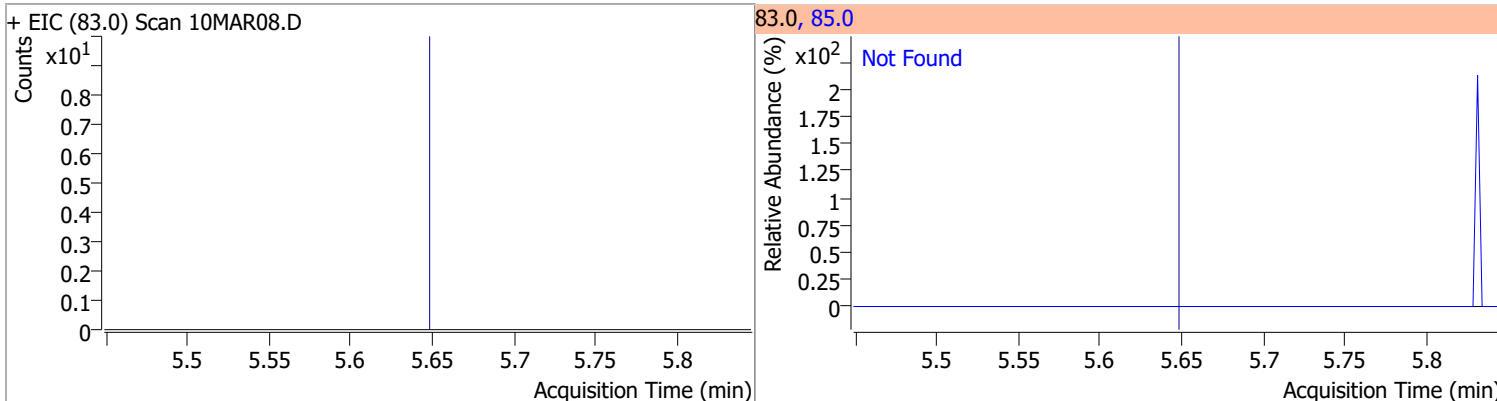
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1

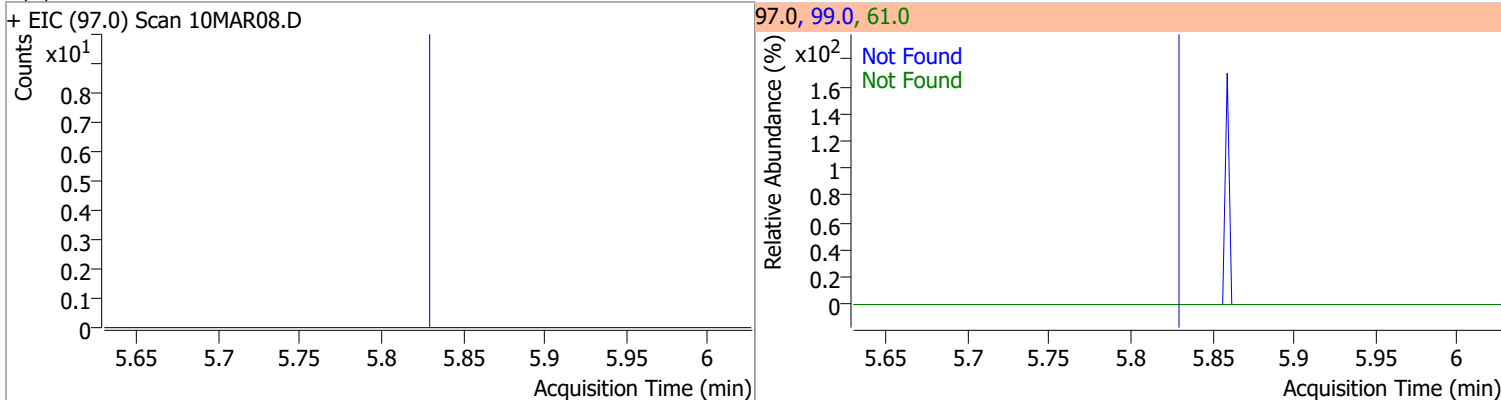


Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	64.7

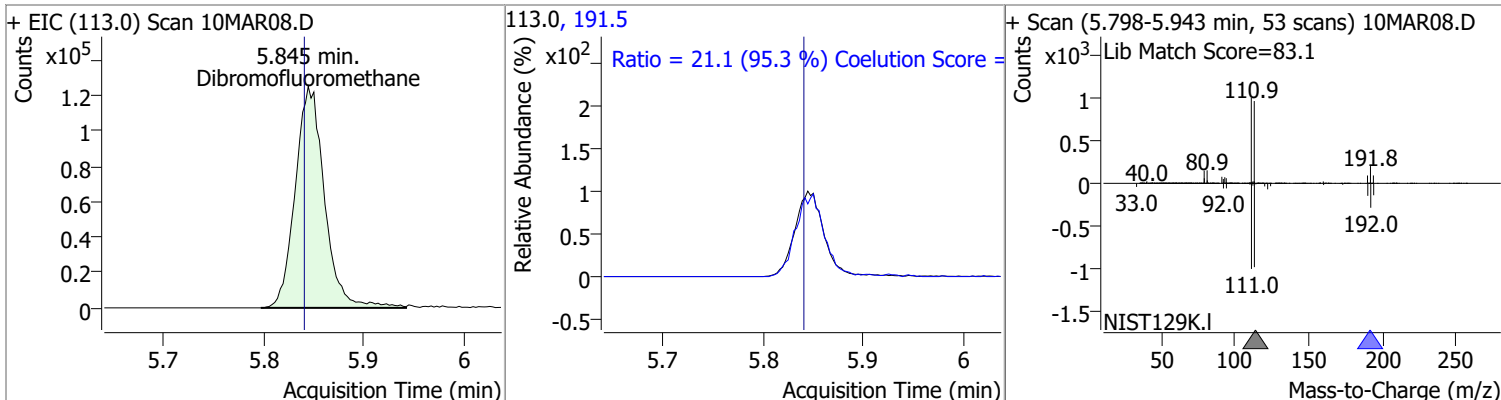


# Quantitation Results Report (QT Reviewed)

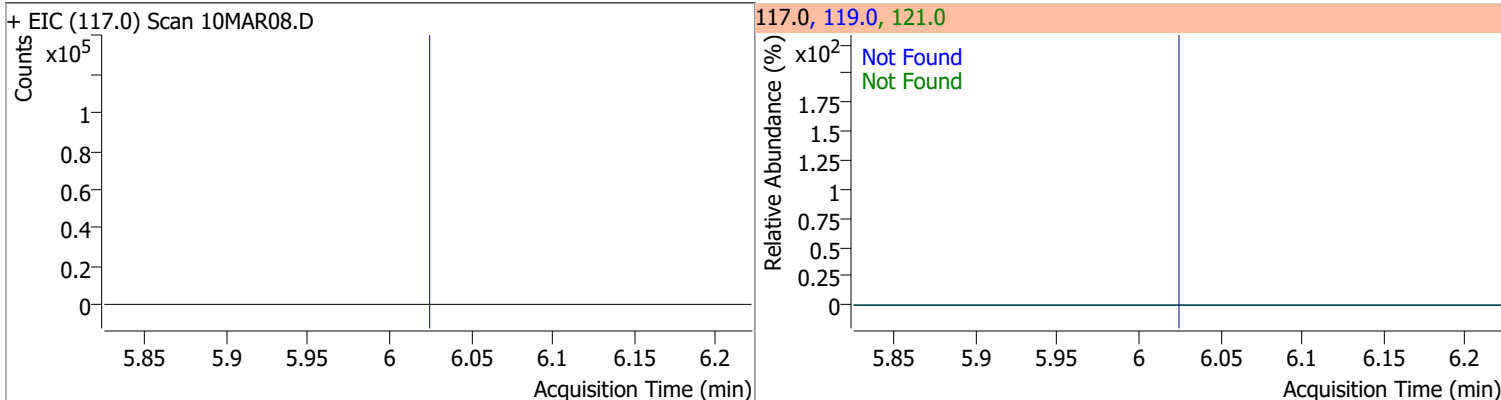
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.2	61.0	50.0



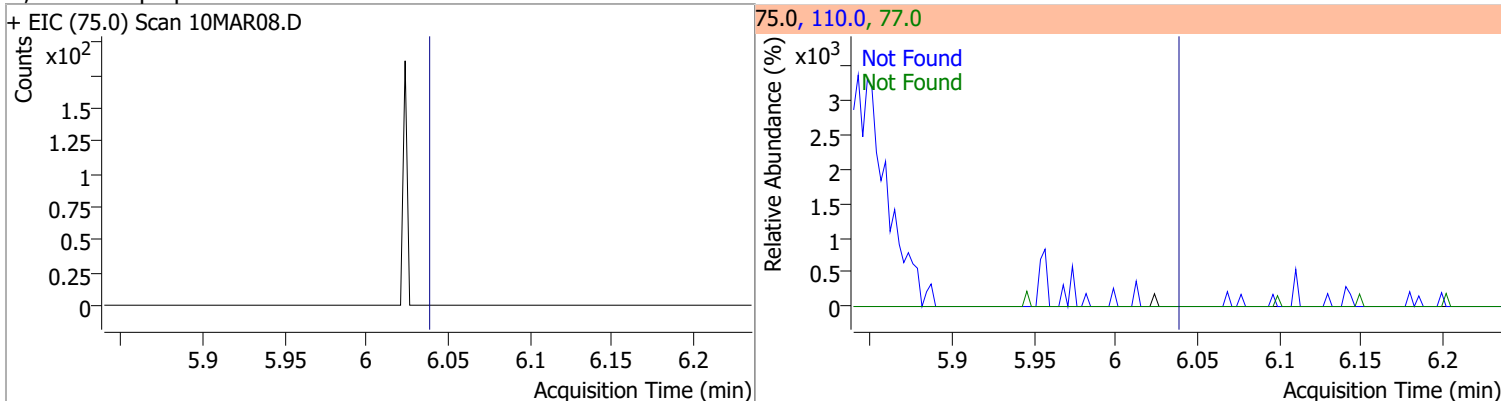
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	272.9613	5.85	0.00	253285	191.5	21.1	0.0	52.2



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.3	121.0	30.1

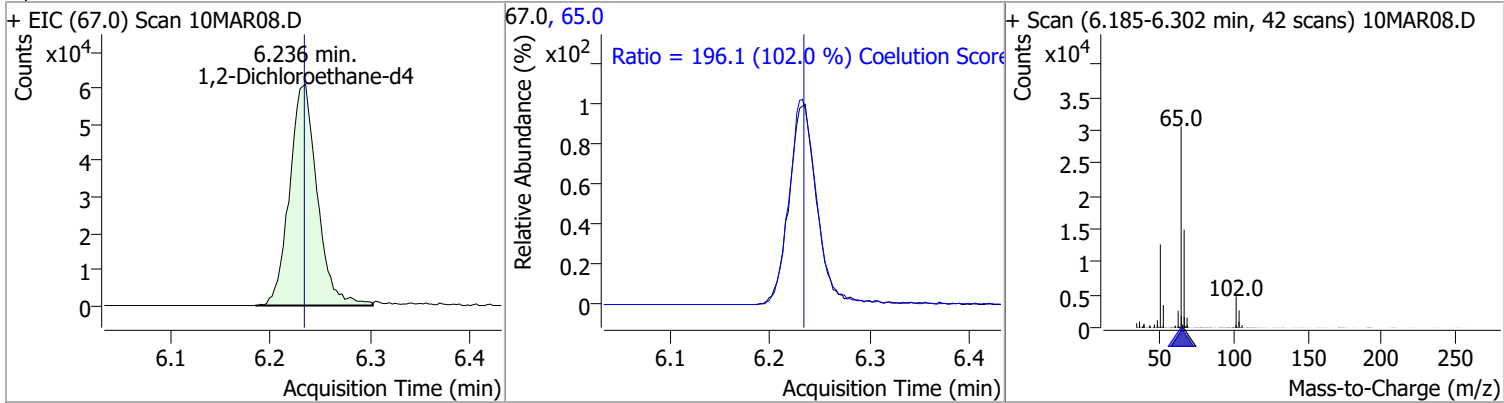


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	36.1	77.0	31.1

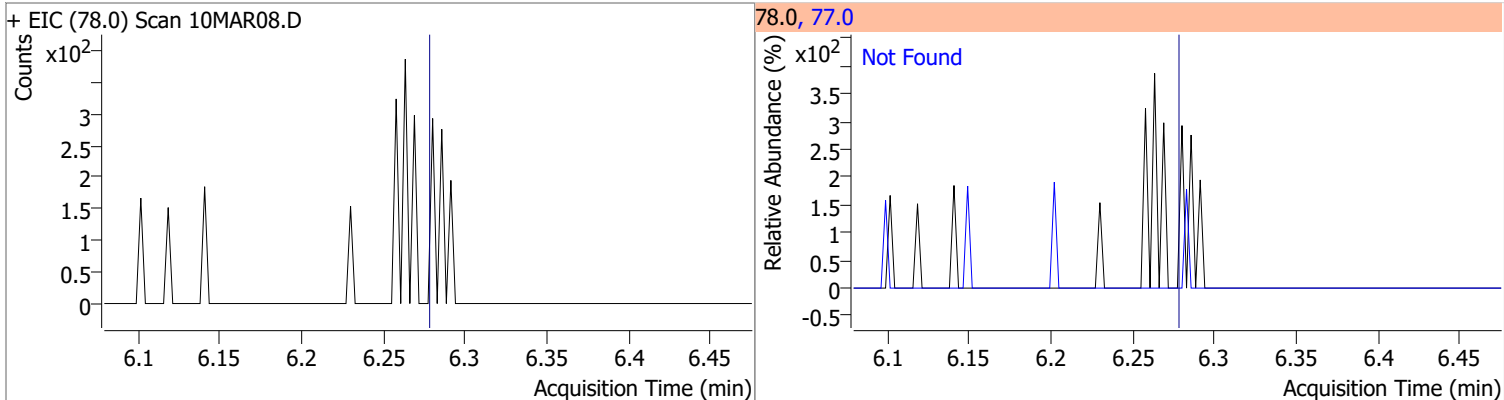


# Quantitation Results Report (QT Reviewed)

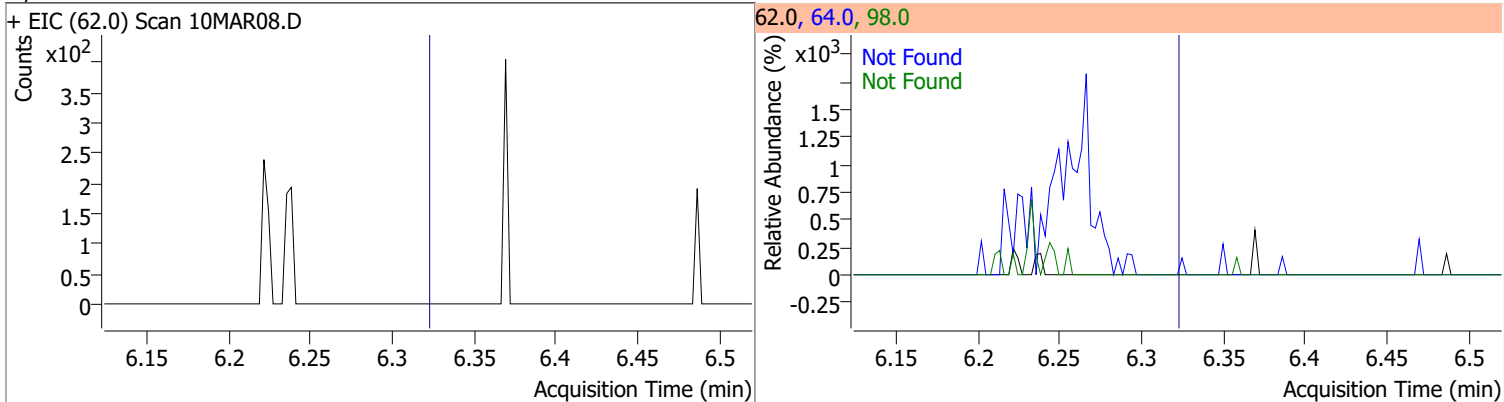
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	283.1290	6.24	0.00	117269	65.0	196.1	162.2	222.2



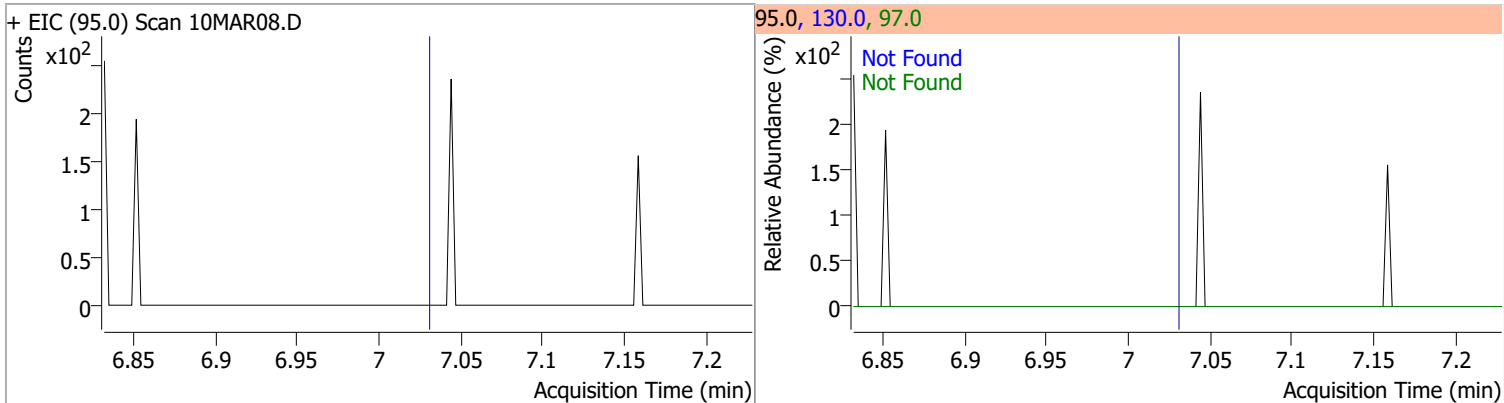
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0

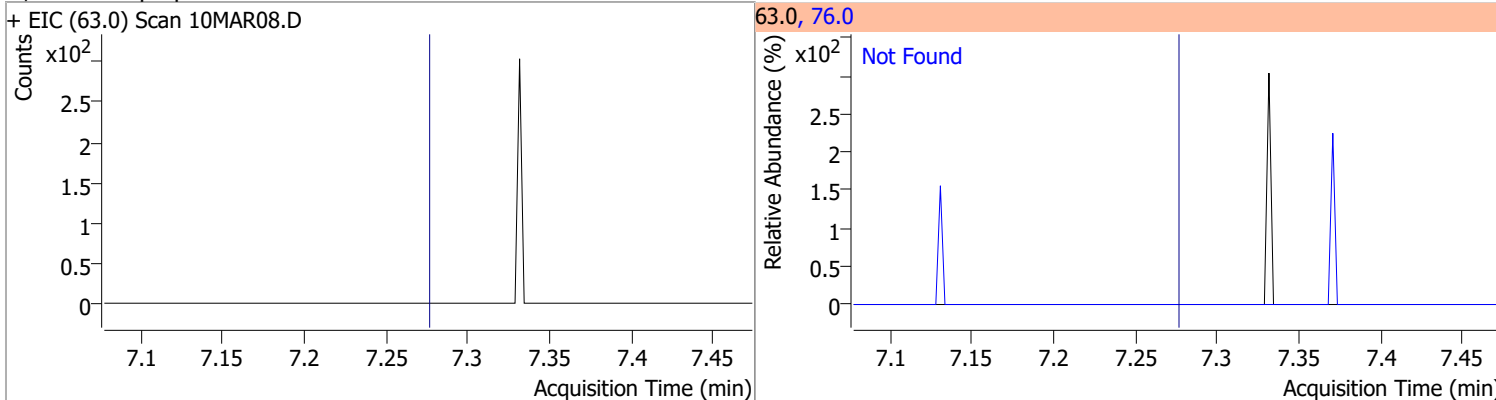


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

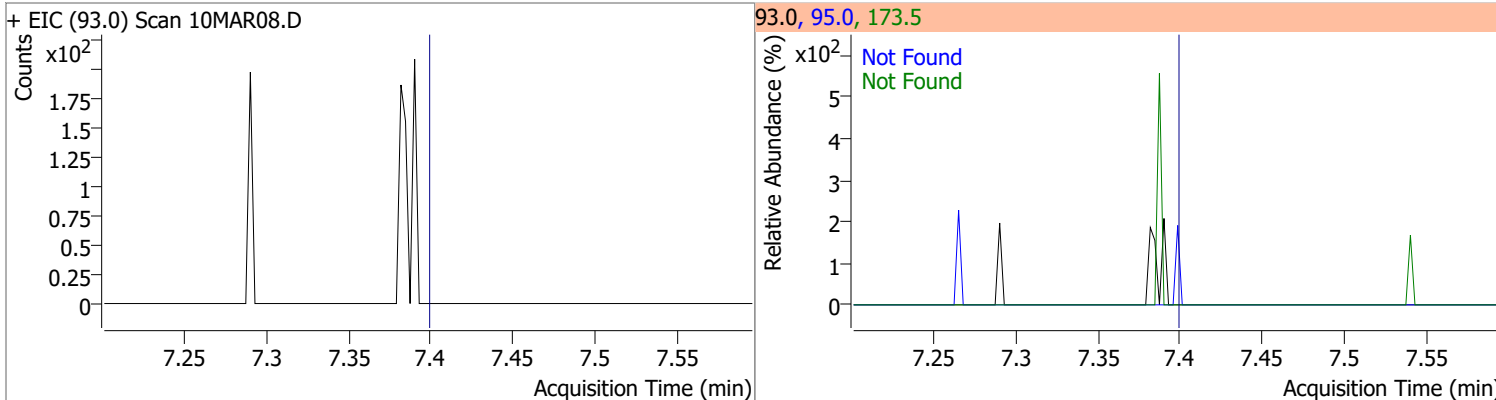


# Quantitation Results Report (QT Reviewed)

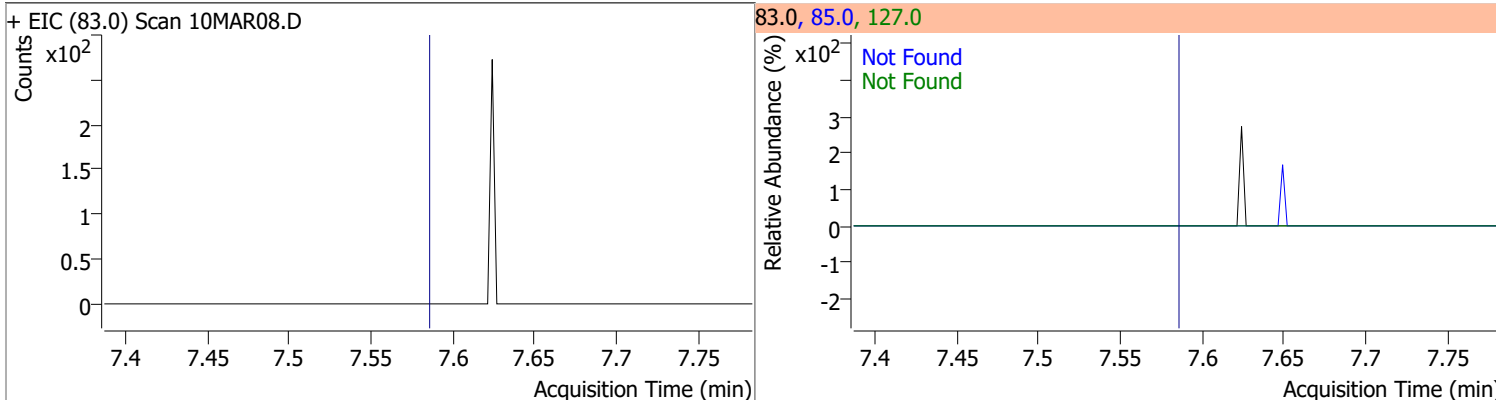
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.28	76.0	40.1



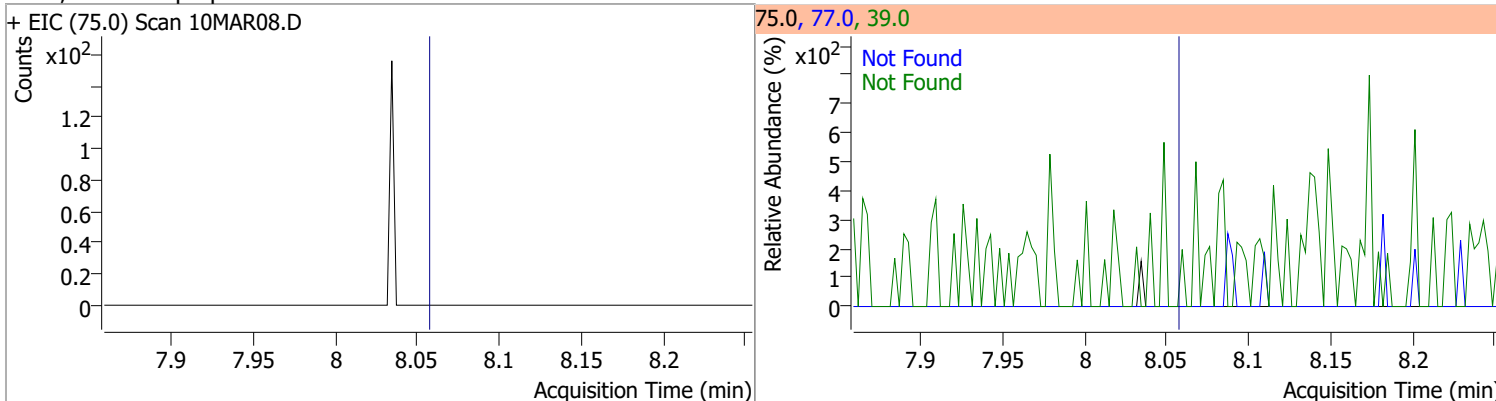
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Dibromomethane	N.D.	7.40	173.5	108.6	95.0	84.5



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromodichloromethane	N.D.	7.59	85.0	63.2	127.0	9.4



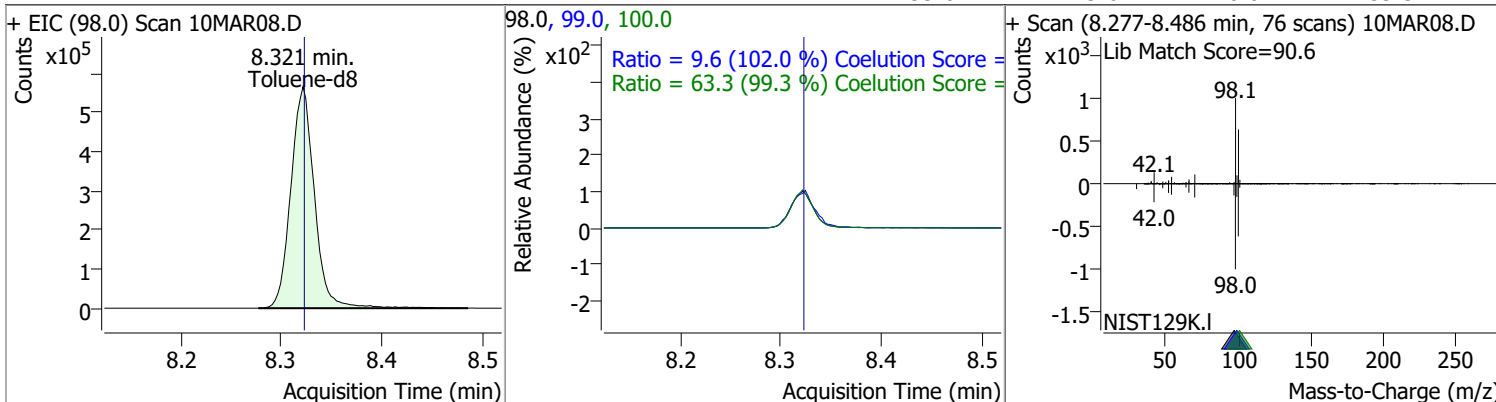
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	77.0	32.0



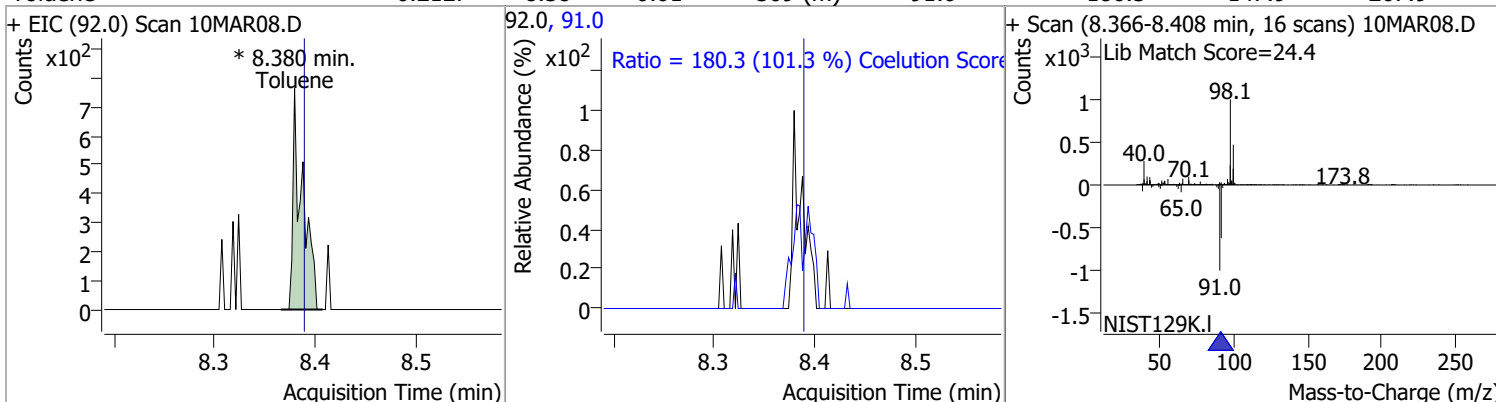


# Quantitation Results Report (QT Reviewed)

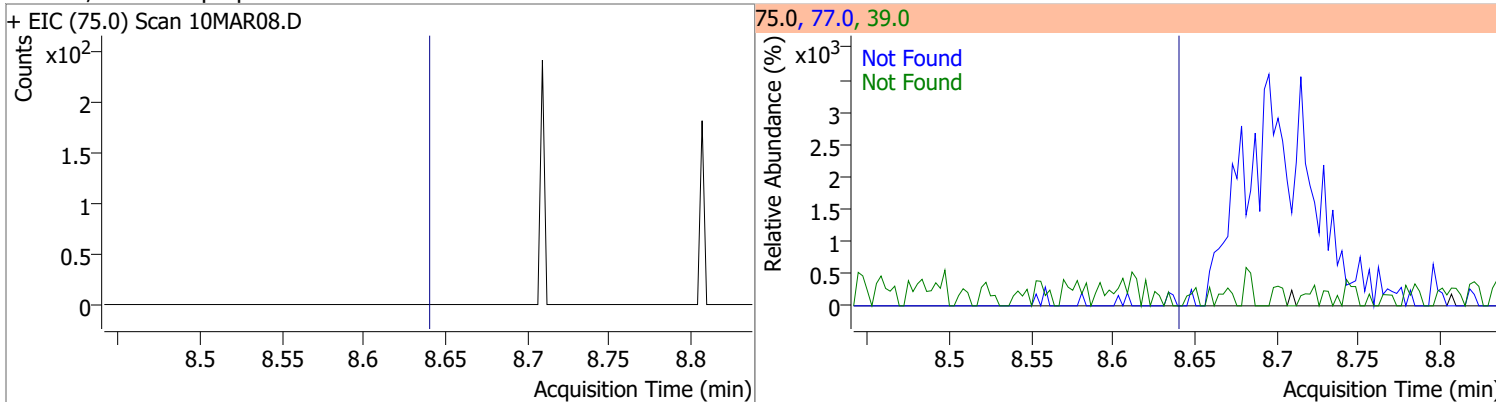
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	239.2994	8.32	0.00	924725	100.0	63.3	33.7	93.7
					99.0	9.6	0.0	39.5



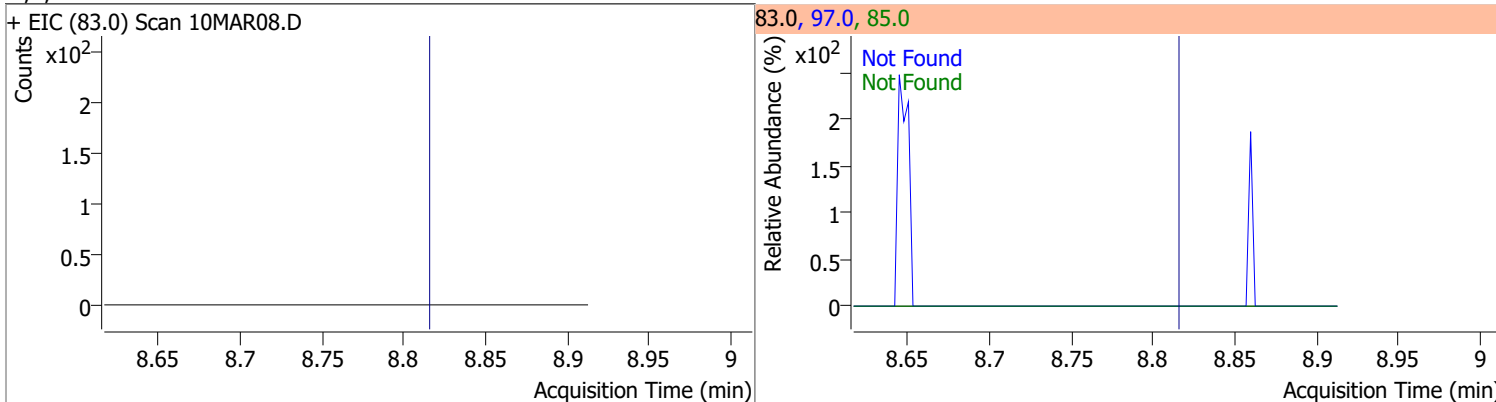
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.2127	8.38	-0.01	509 (m)	91.0	180.3	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

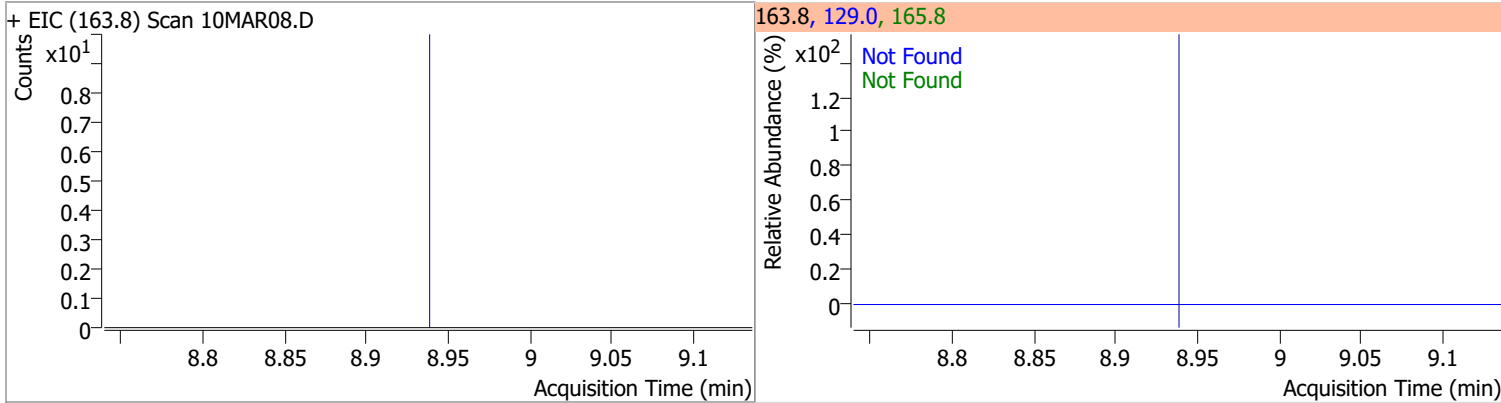


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

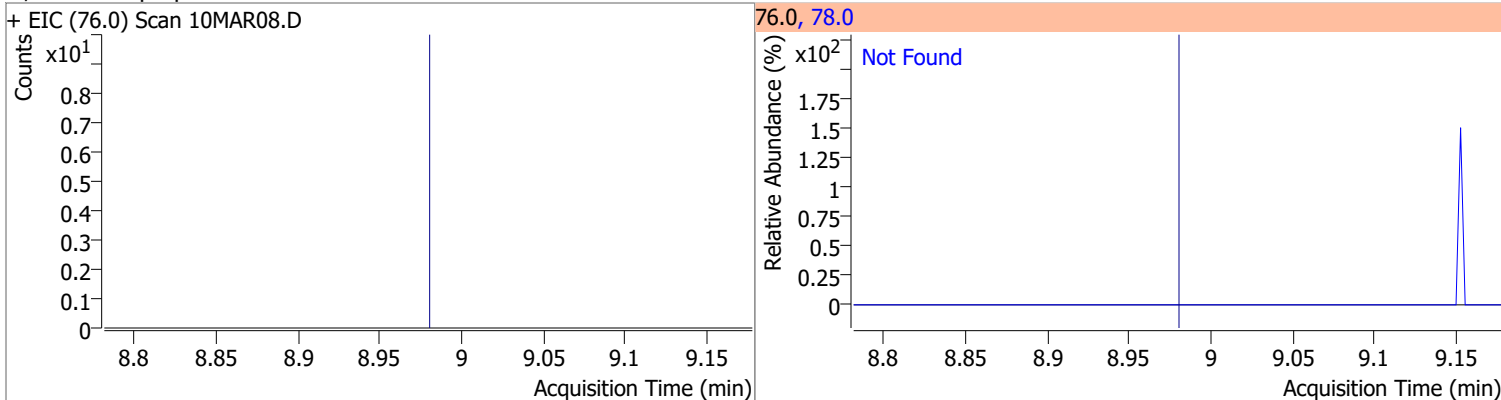


# Quantitation Results Report (QT Reviewed)

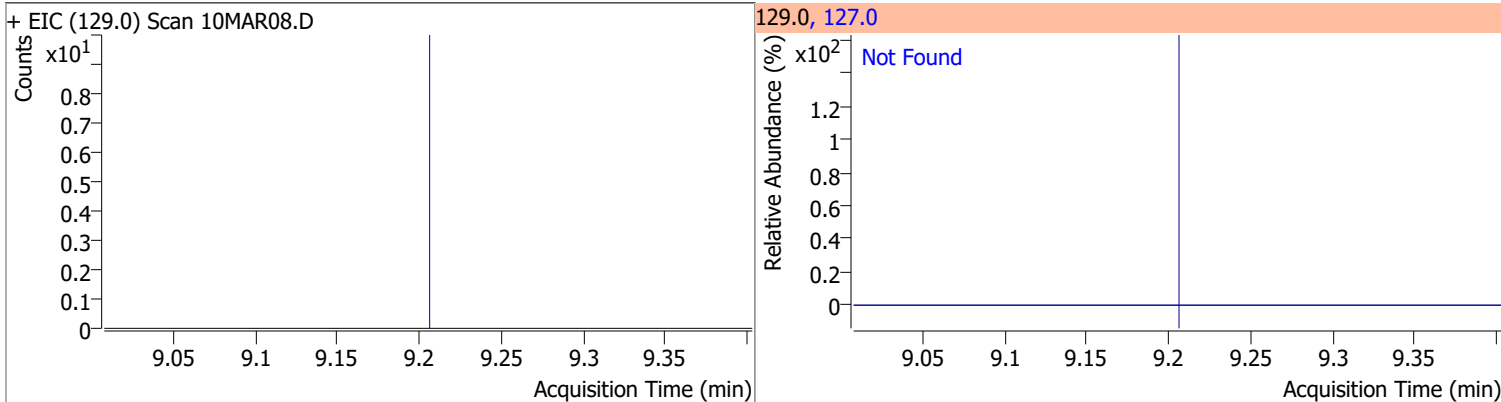
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



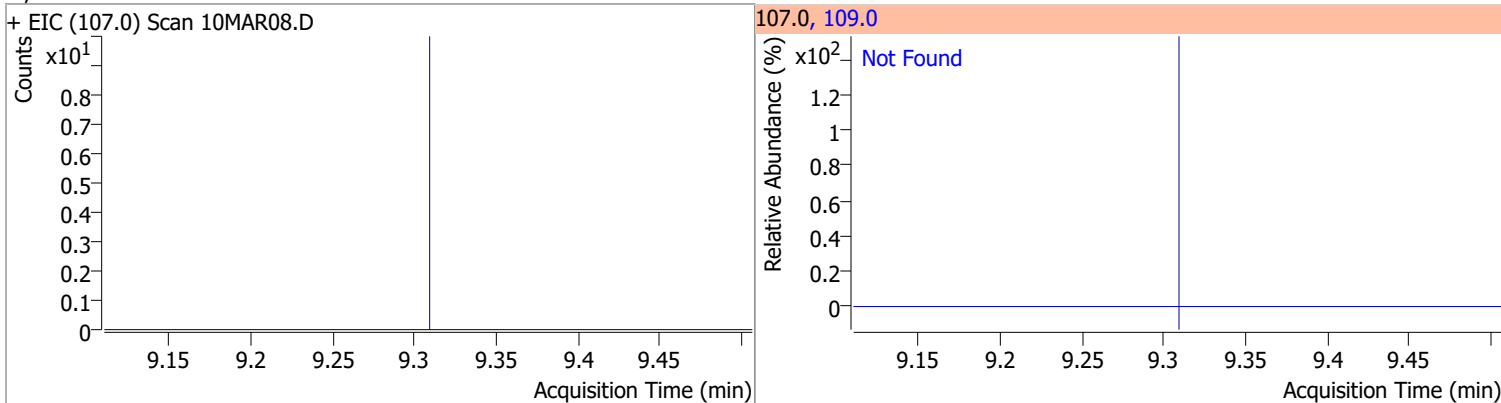
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



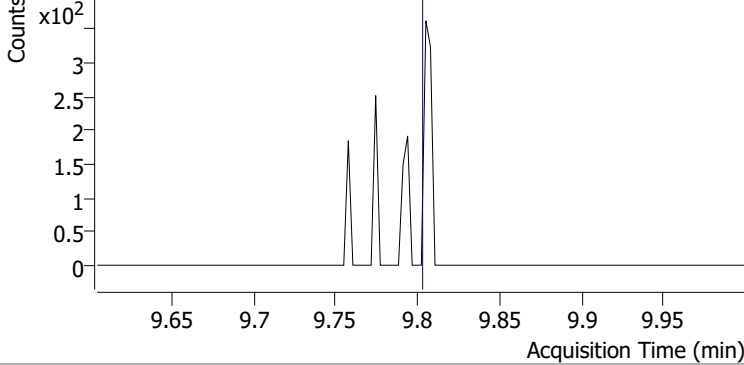
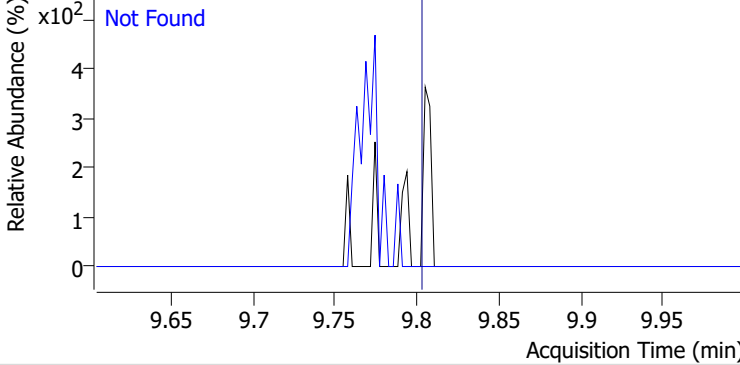
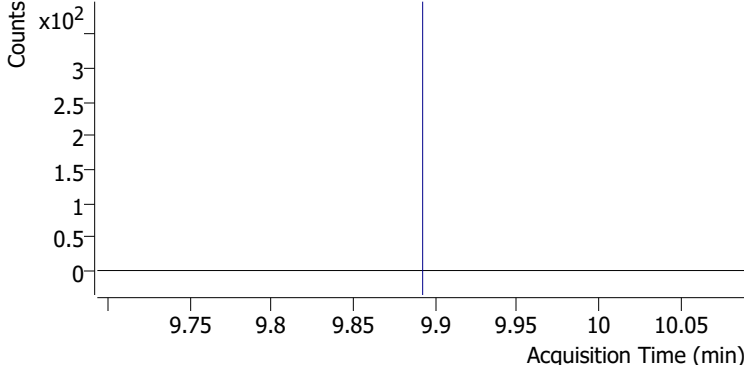
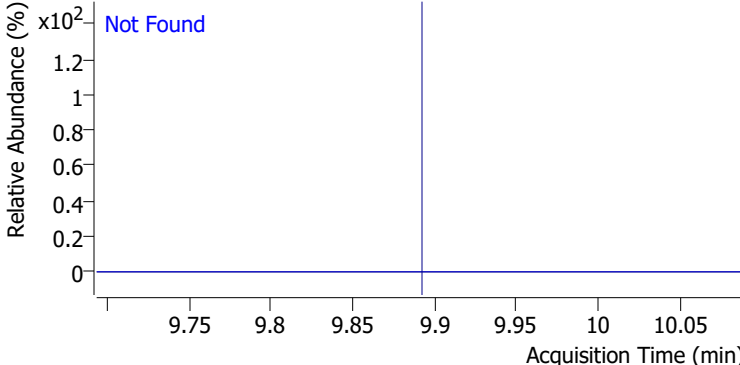
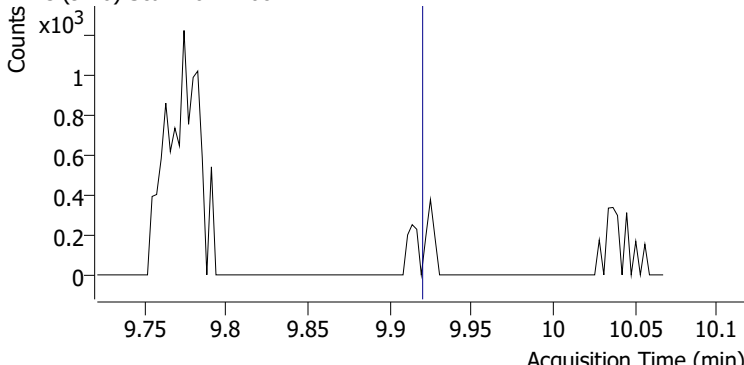
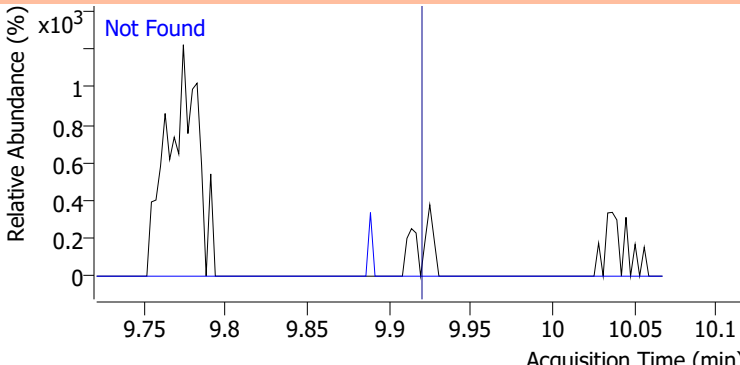
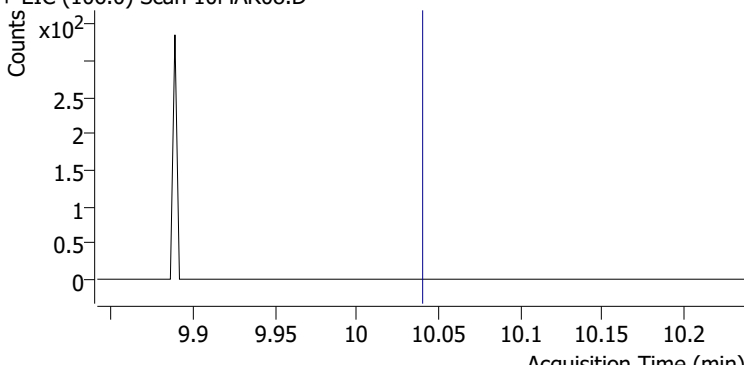
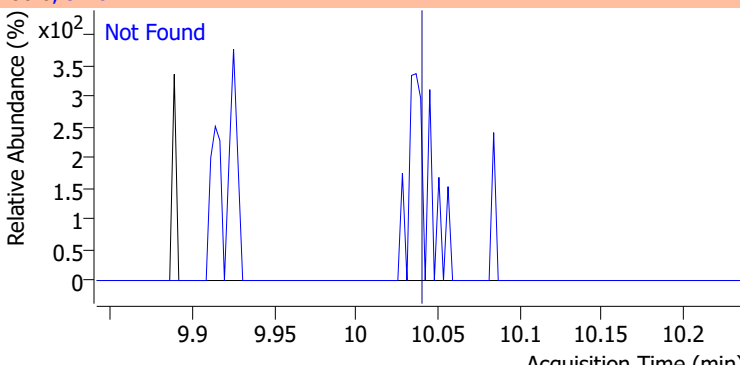
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



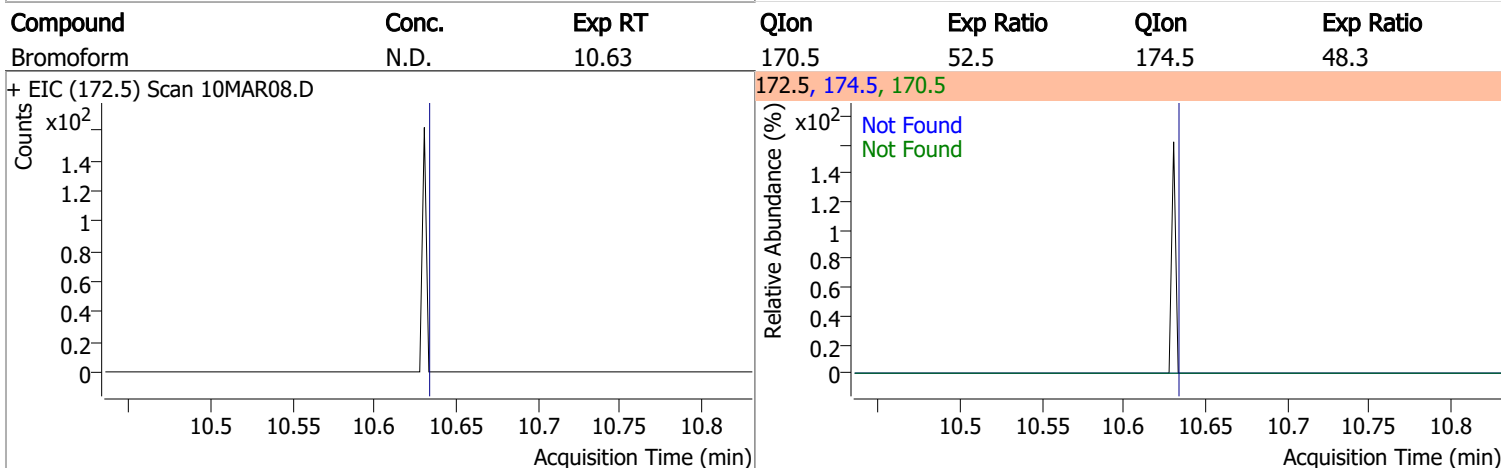
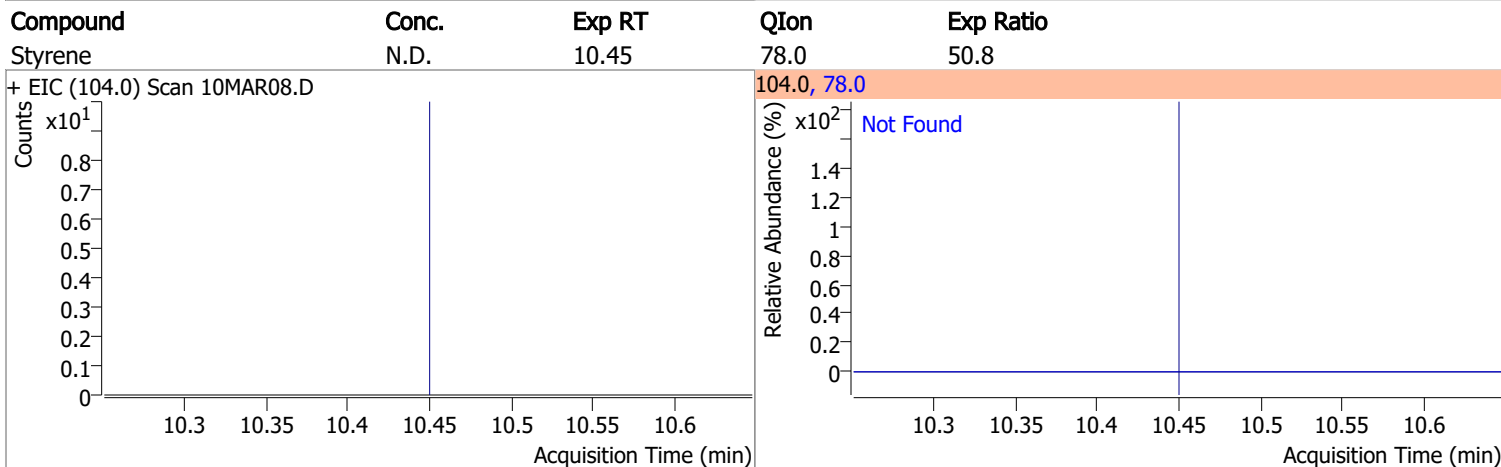
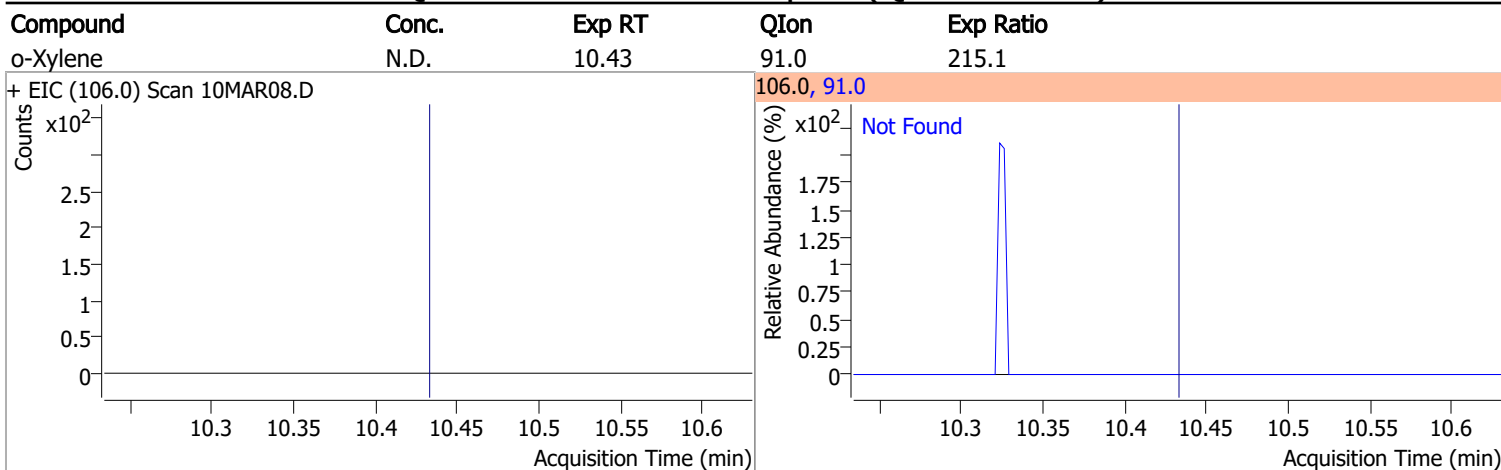
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4



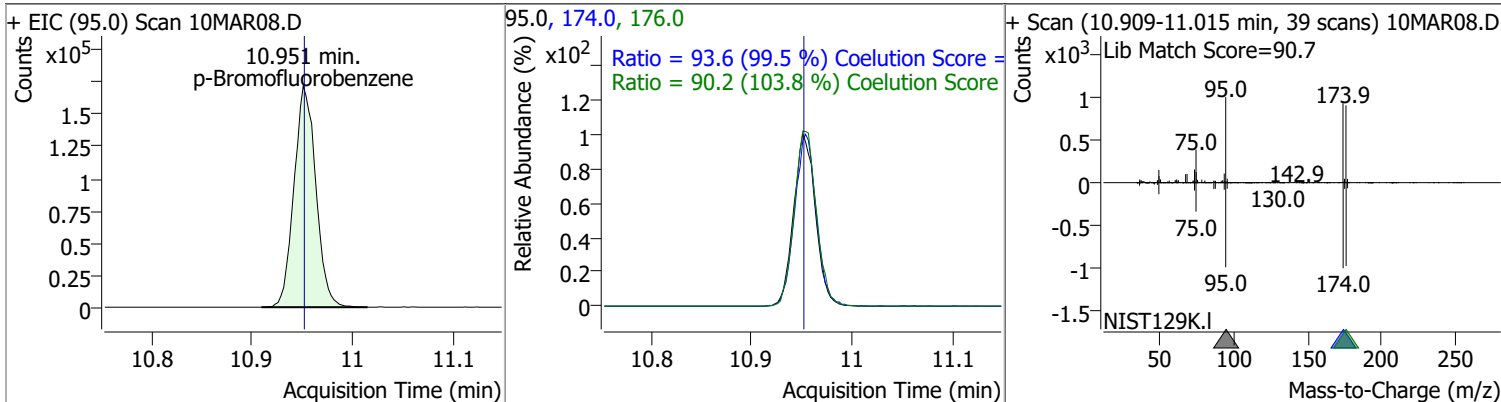
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR08.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR08.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR08.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR08.D			106.0, 91.0	
				

# Quantitation Results Report (QT Reviewed)

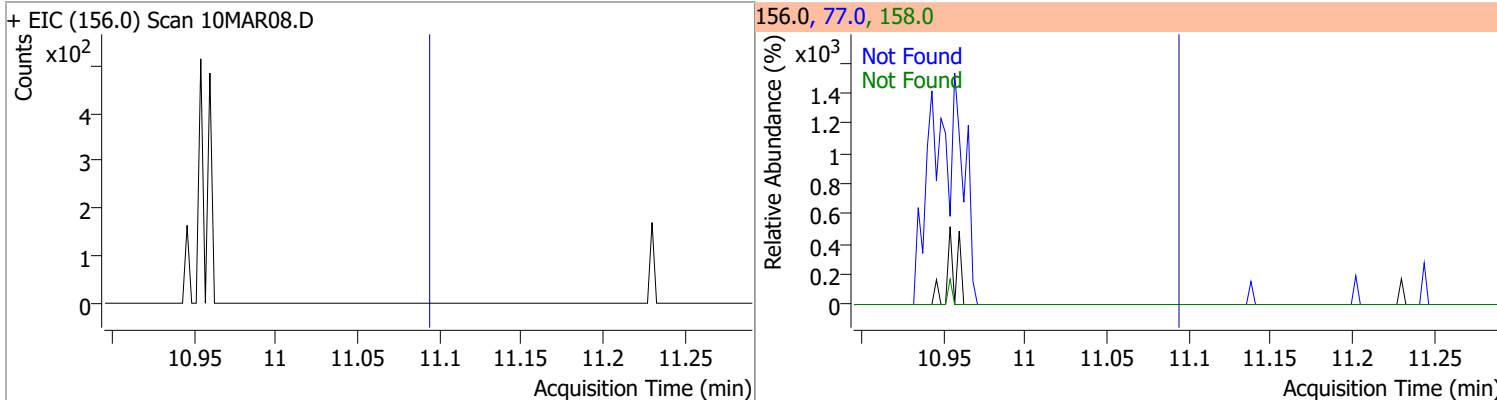


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	269.1769	10.95	0.00	260424	174.0	93.6	64.2	124.2
					176.0	90.2	56.9	116.9

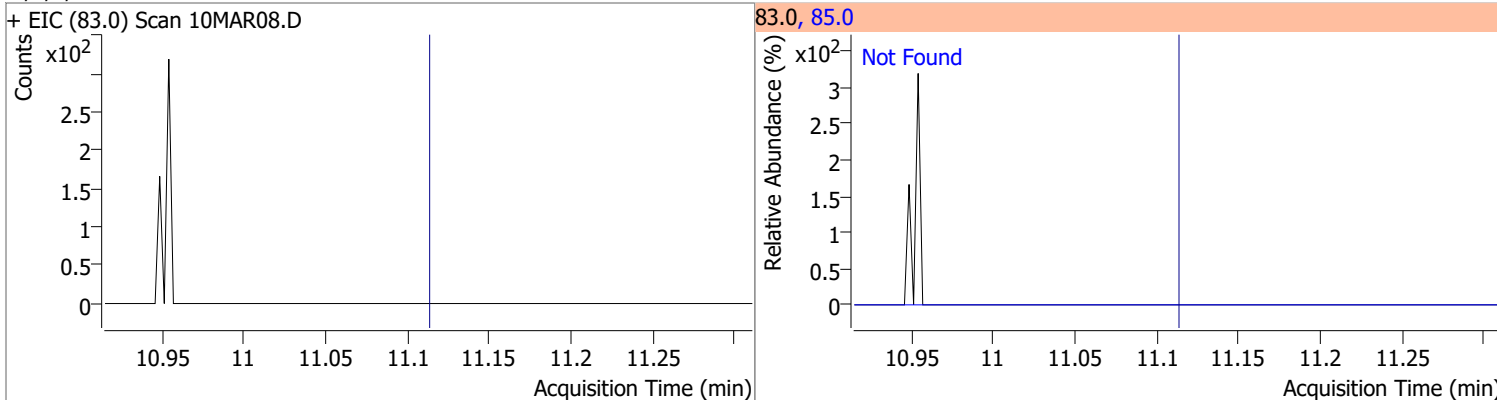


# Quantitation Results Report (QT Reviewed)

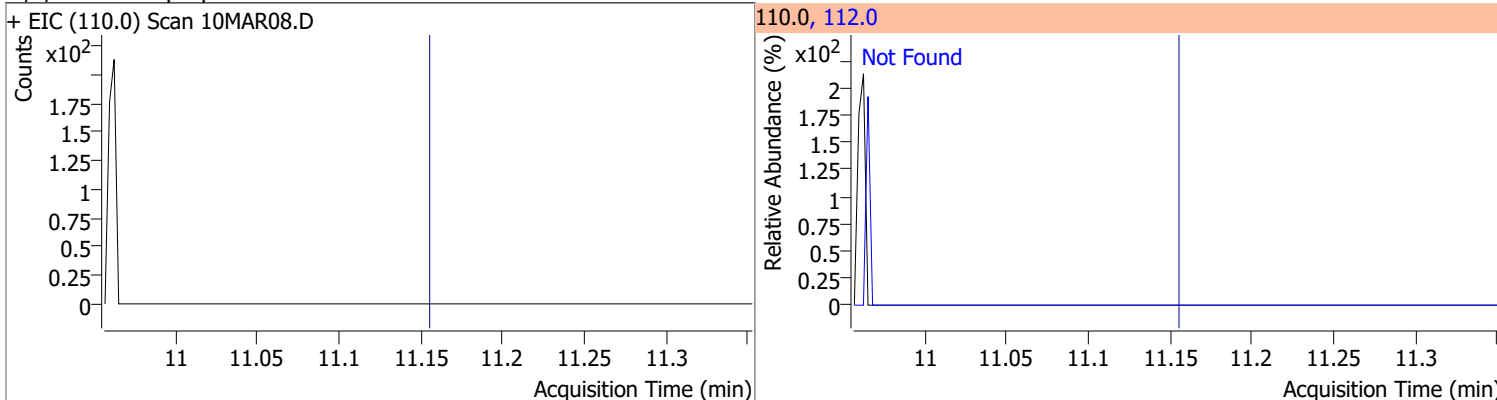
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6



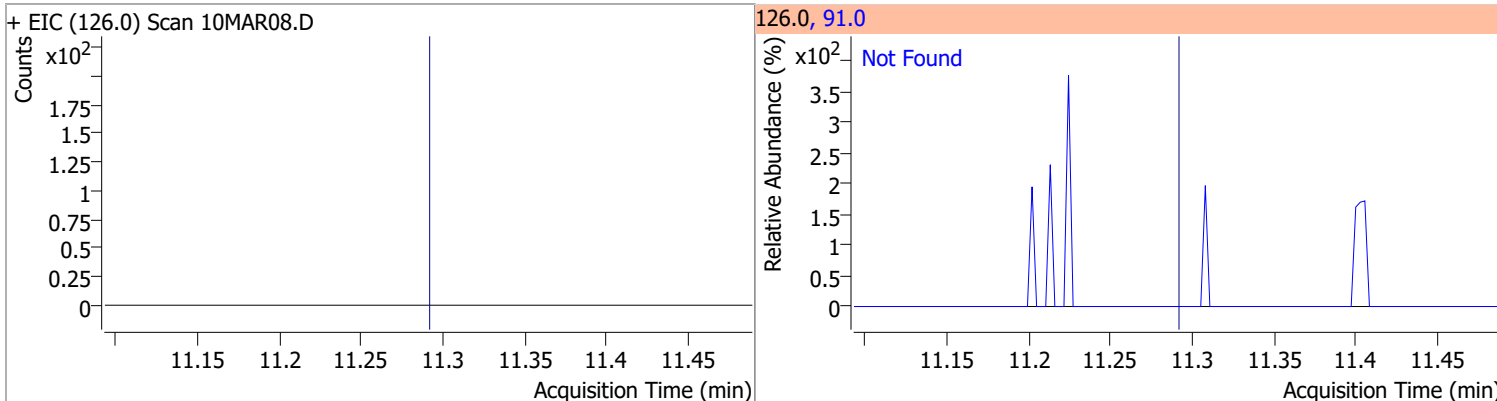
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7



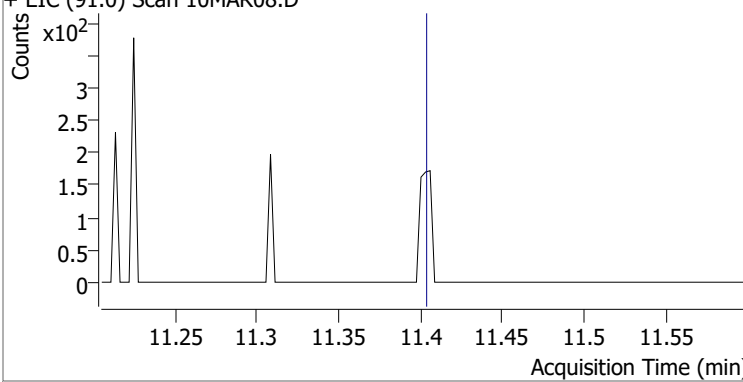
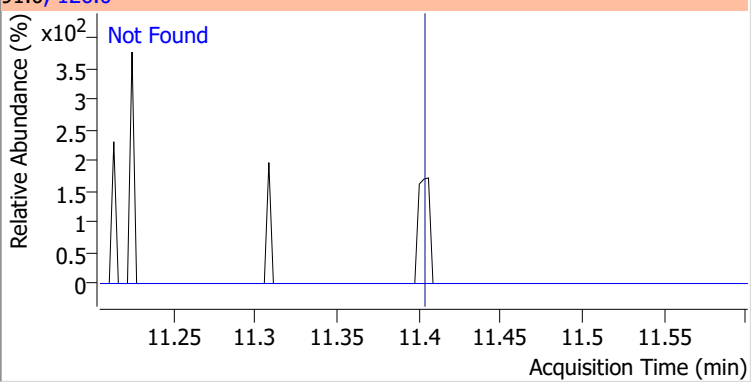
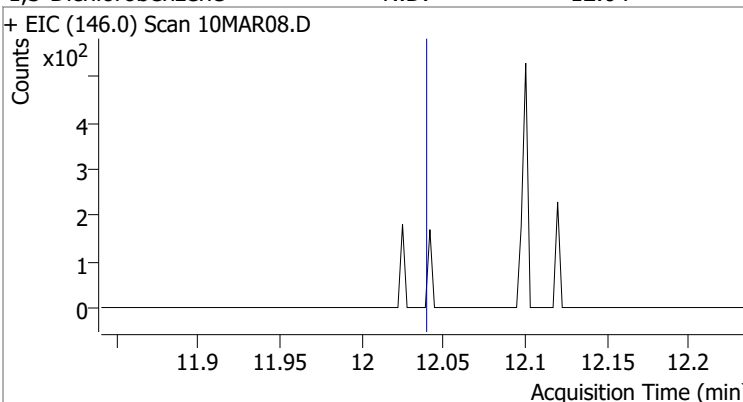
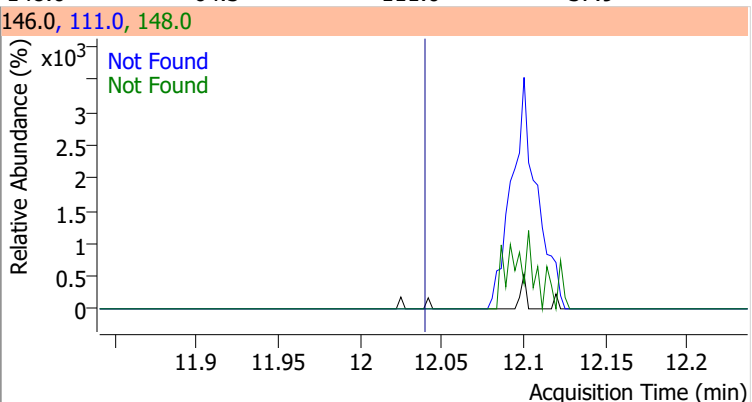
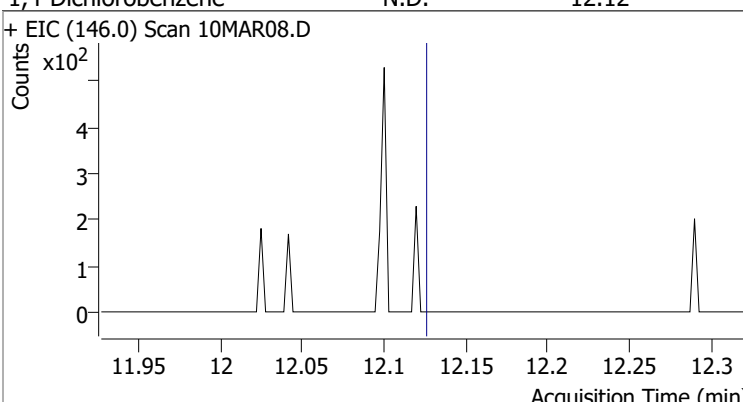
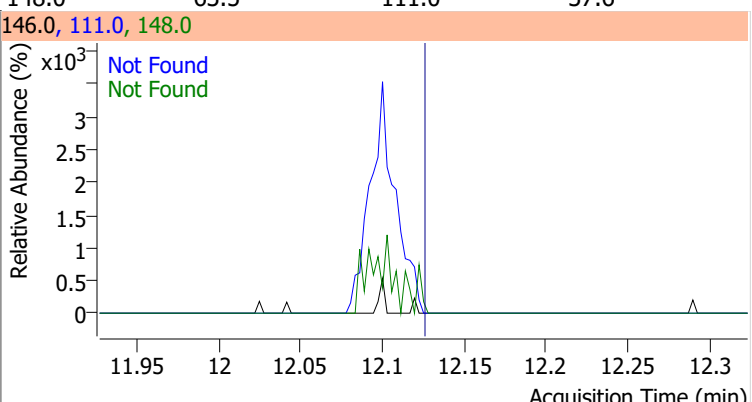
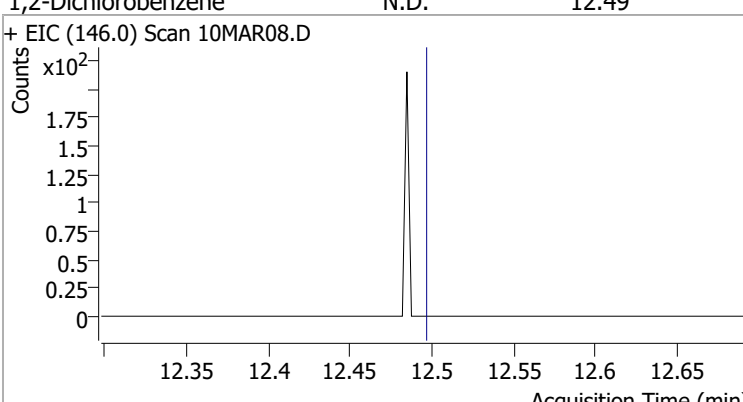
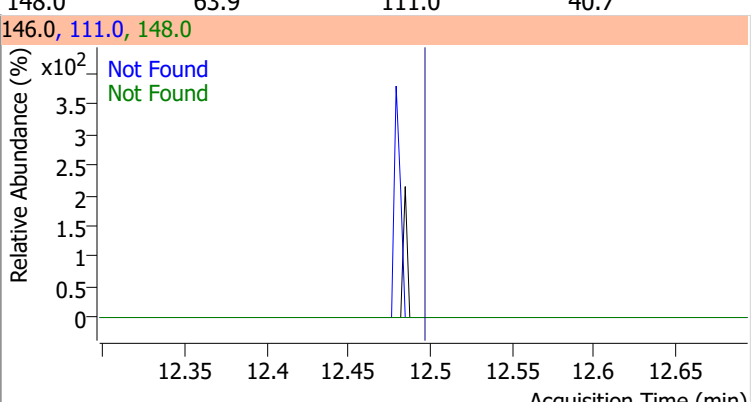
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9



Compound	Conc.	Exp RT	QIon	Exp Ratio
2-Chlorotoluene	N.D.	11.29	91.0	285.6

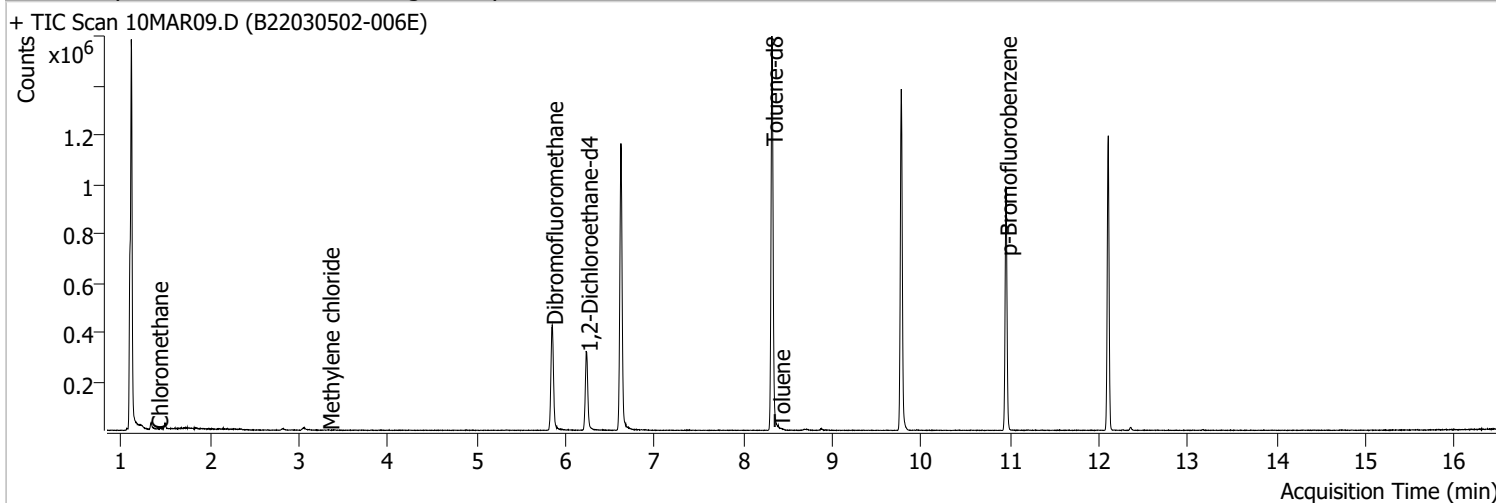


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR08.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR08.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR08.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR08.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR09.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 3:44:59 PM
Sample Name	B22030502-006E	Instrument	VOA5975C
Vial	9	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	957902	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	374552	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	276155	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	258171	265.2514	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.10%		
S 1,2-Dichloroethane-d4	6.236	67.0	114930	264.5411	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 105.82%		
S Toluene-d8	8.319	98.0	964957	241.6323	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 96.65%		
S p-Bromofluorobenzene	10.951	95.0	269284	264.4520	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.78%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.406	50.0	1020	0.6361	ng	m 77
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.333	49.0	1199	0.8124	ng	m 74
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

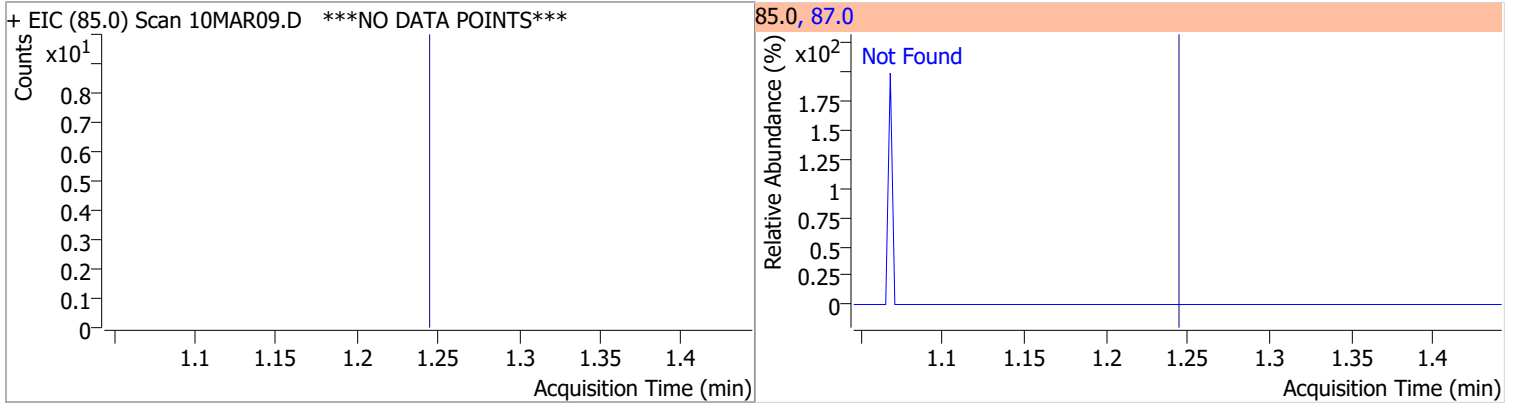
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
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	8.400	92.0	1054	0.4264	ng	m	85
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

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

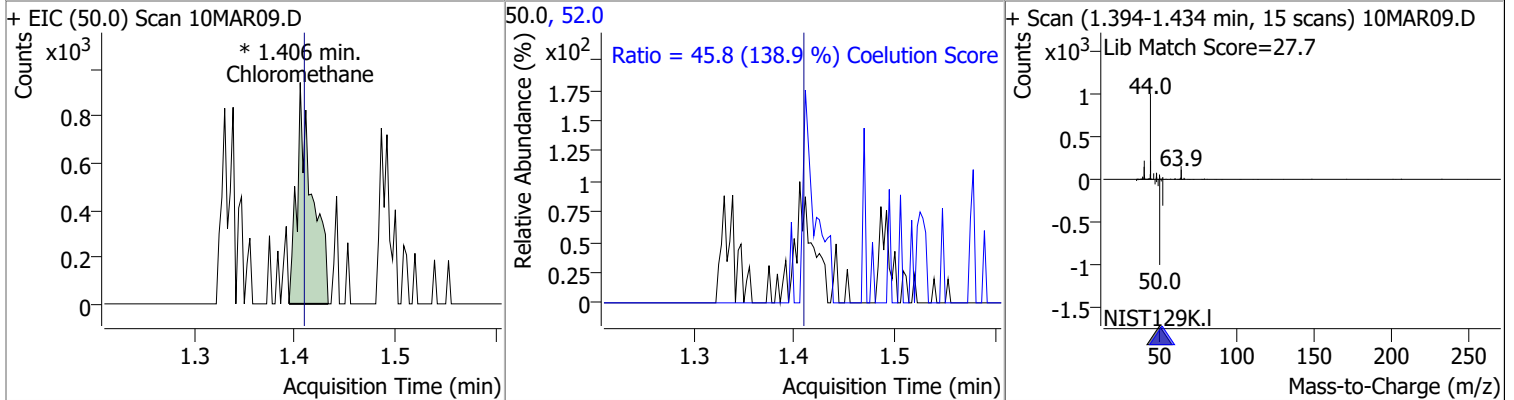


# Quantitation Results Report (QT Reviewed)

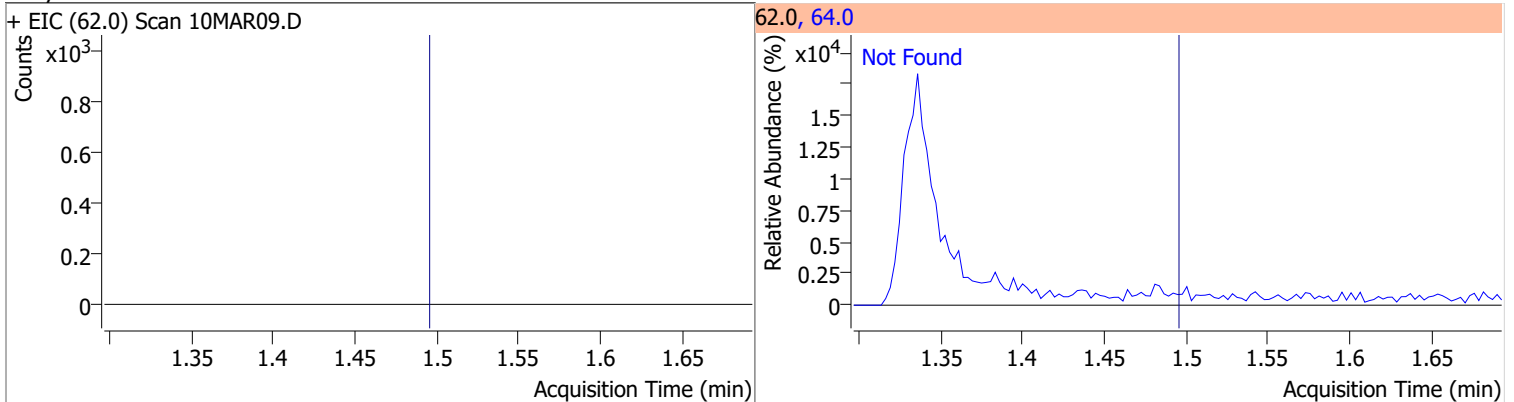
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5



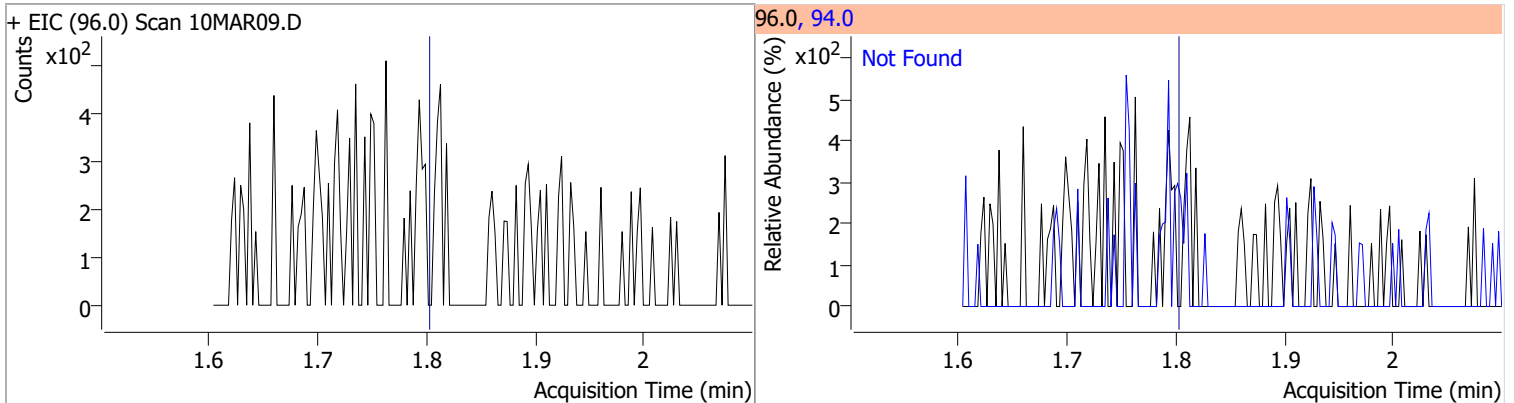
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.6361	1.41	0.00	1020 (m)	52.0	45.8	3.0	63.0



Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.49	64.0	30.6

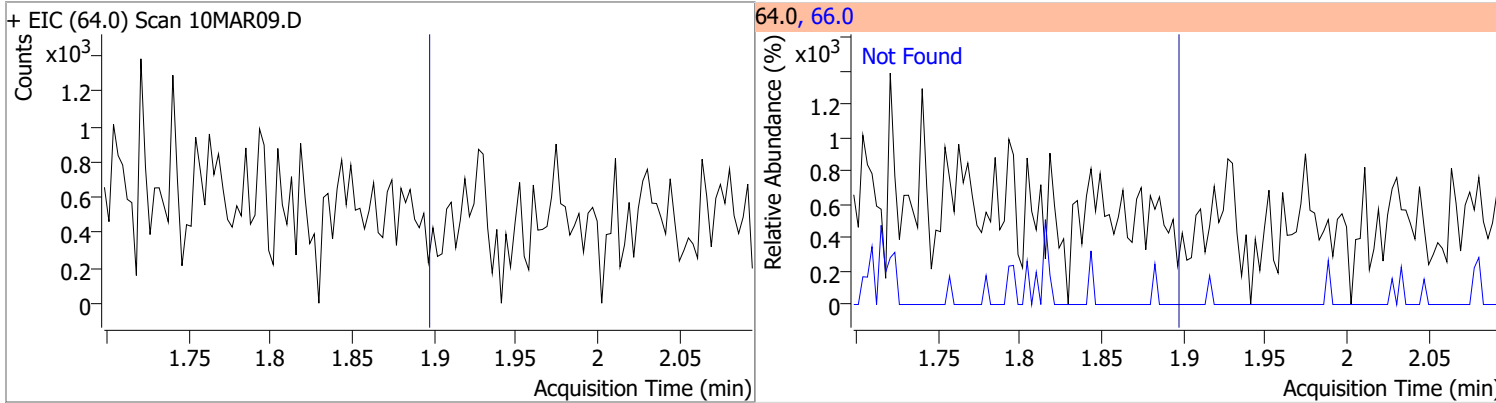


Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.8

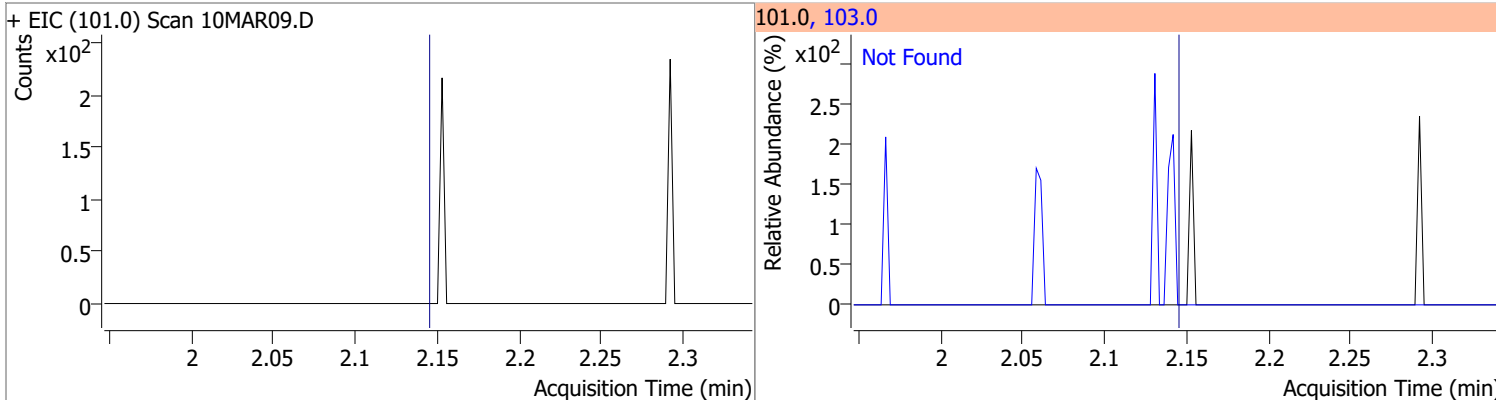


# Quantitation Results Report (QT Reviewed)

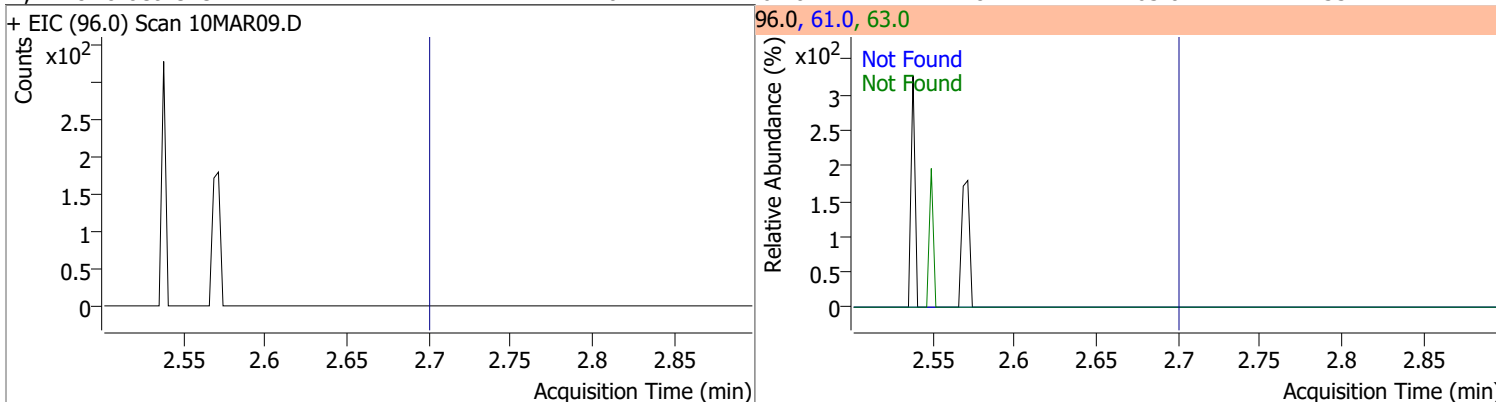
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



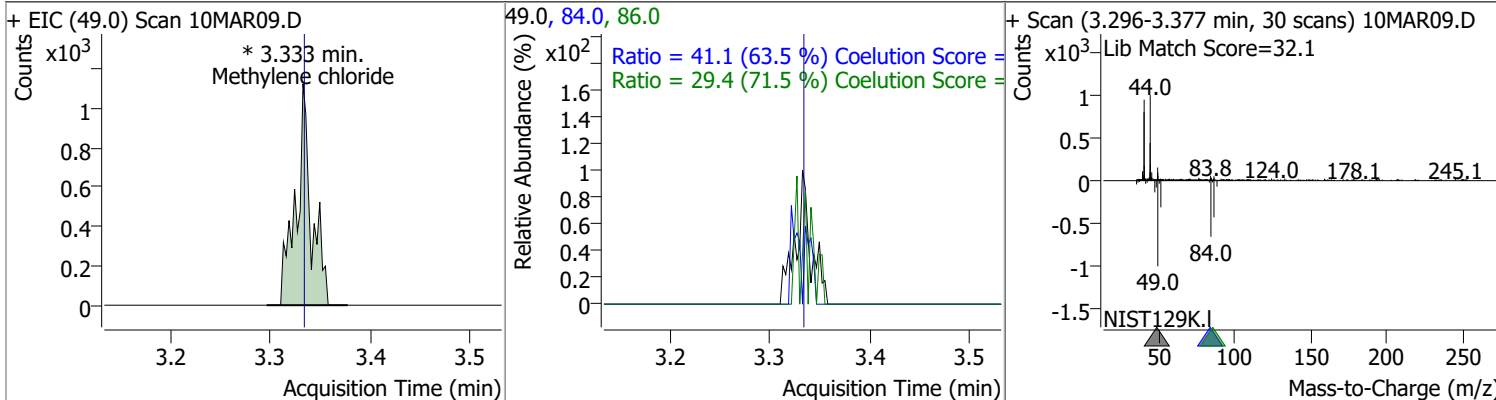
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



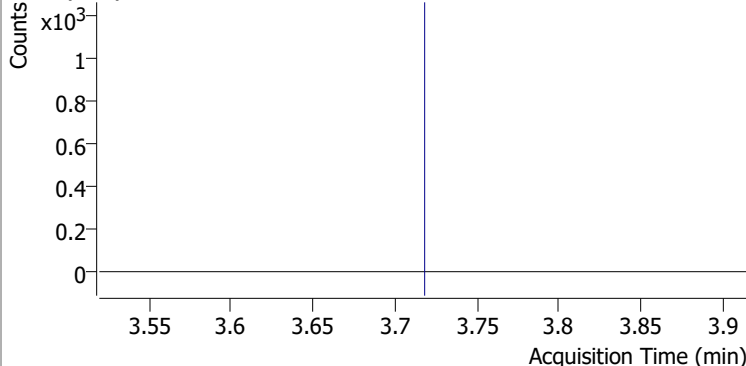
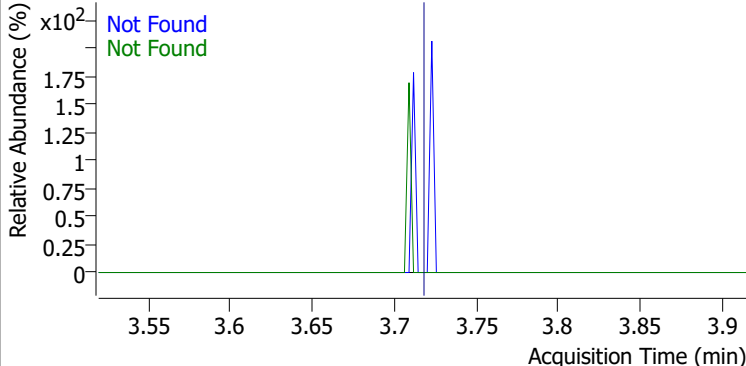
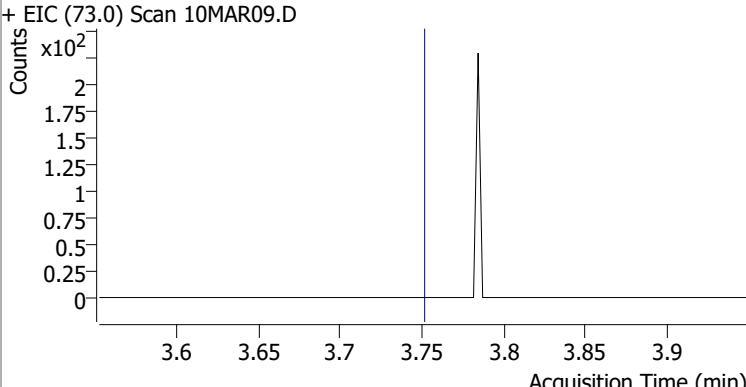
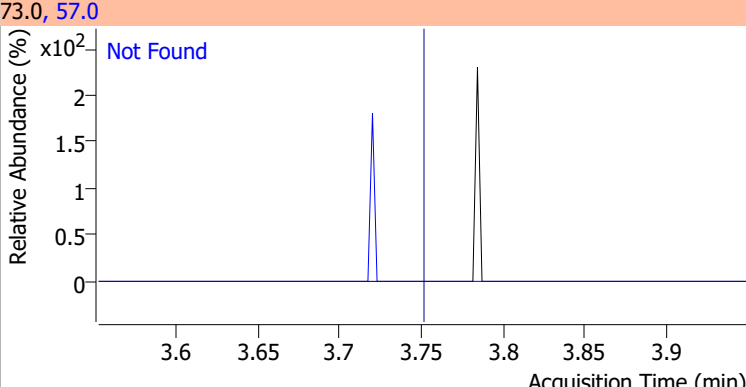
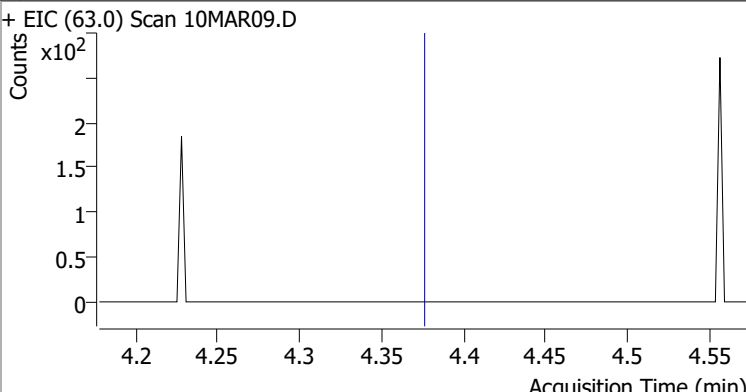
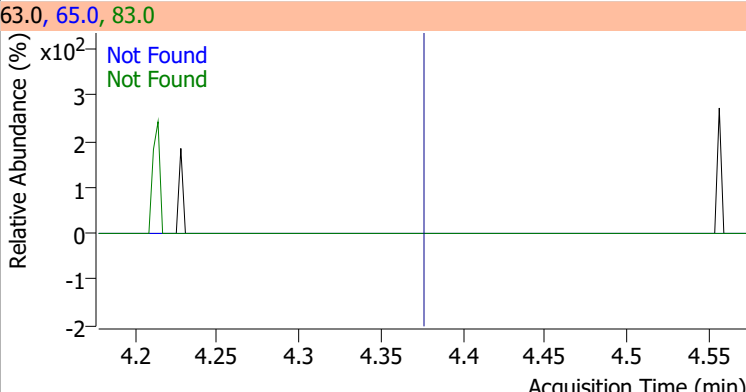
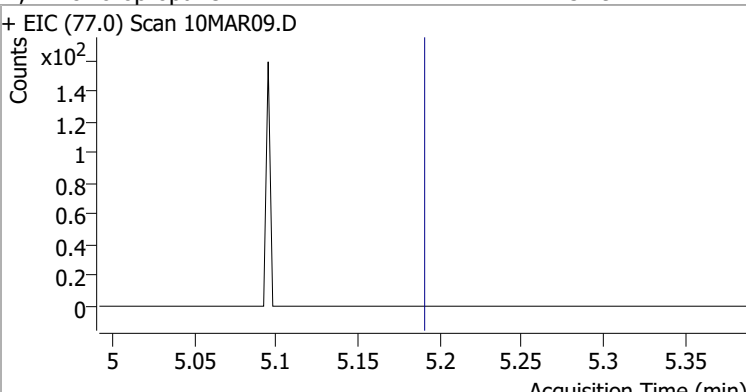
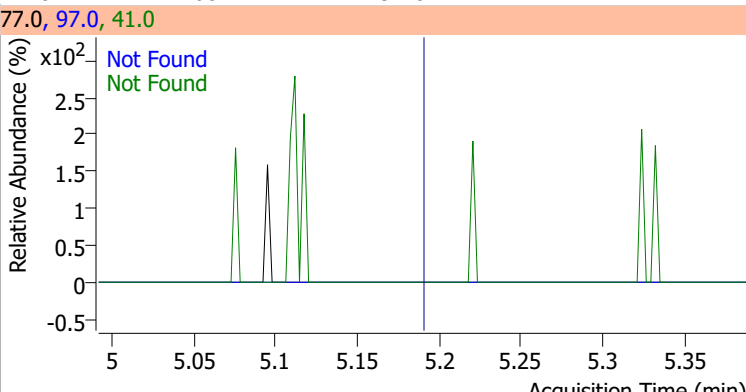
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.8124	3.33	0.00	1199 (m)	84.0	41.1	34.7	94.7
					86.0	29.4	11.1	71.1

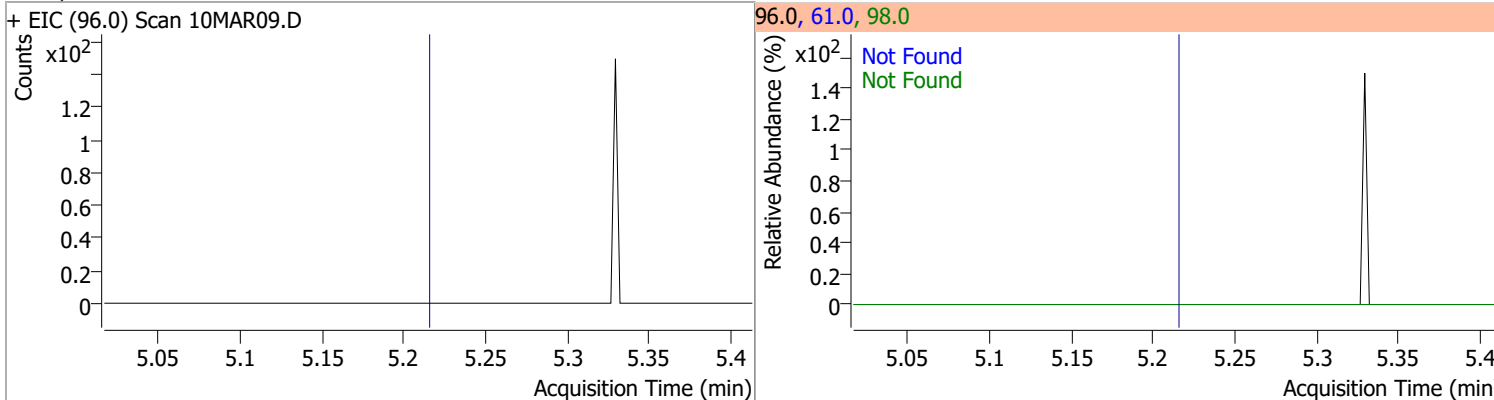


# Quantitation Results Report (QT Reviewed)

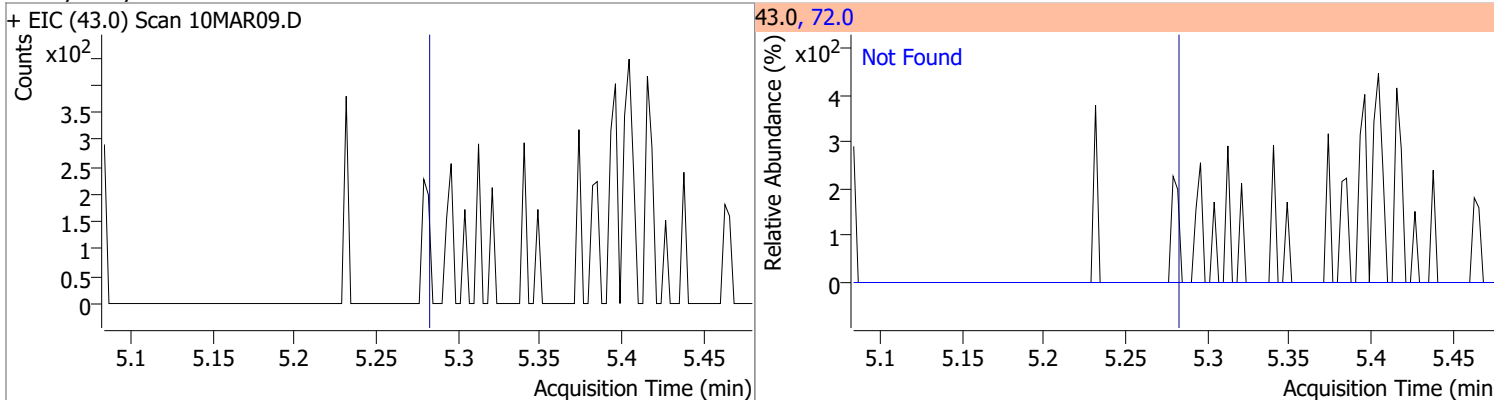
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 10MAR09.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 10MAR09.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 10MAR09.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 10MAR09.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

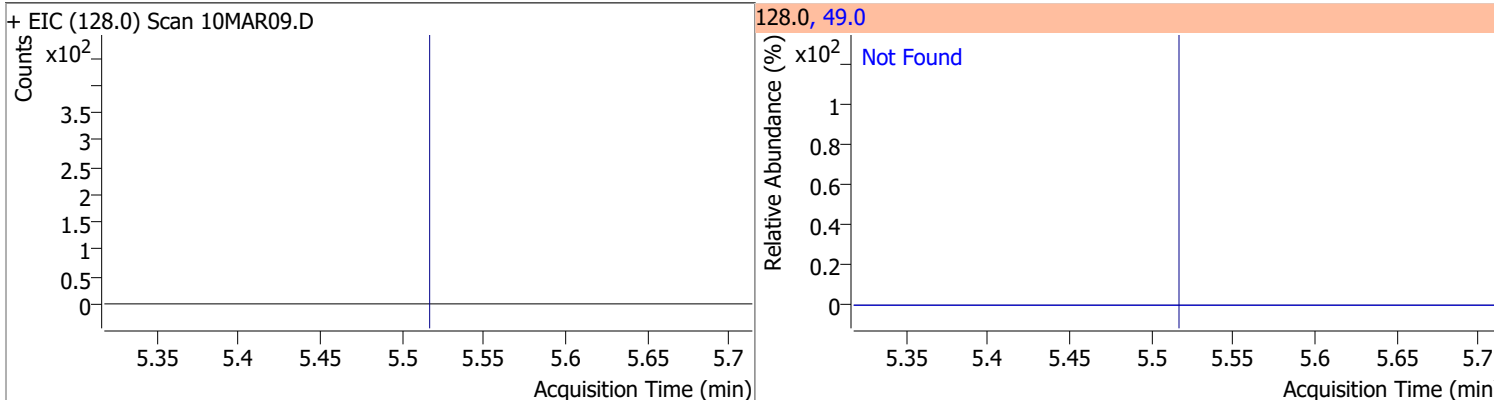
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



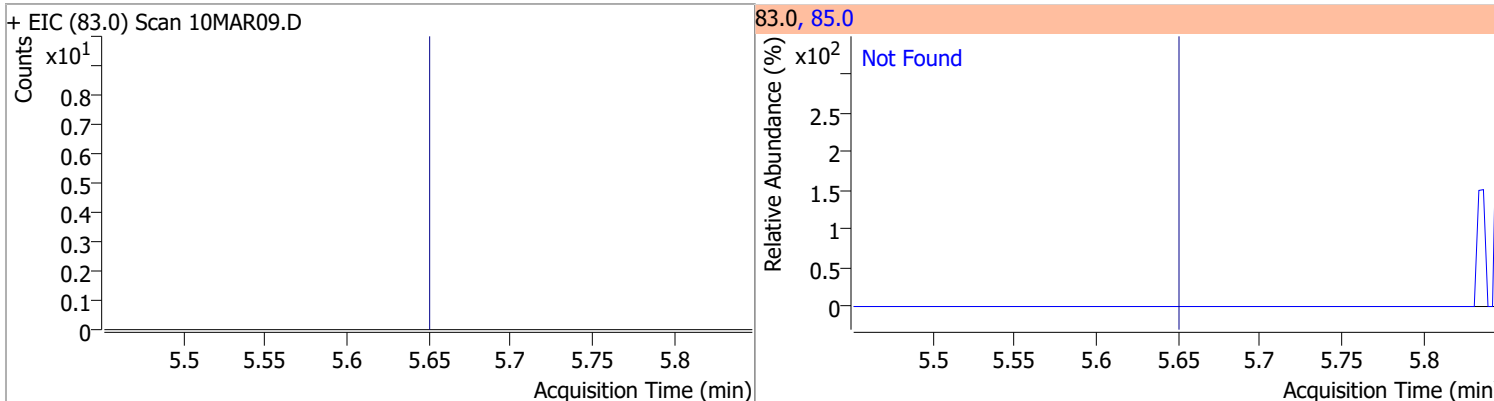
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1

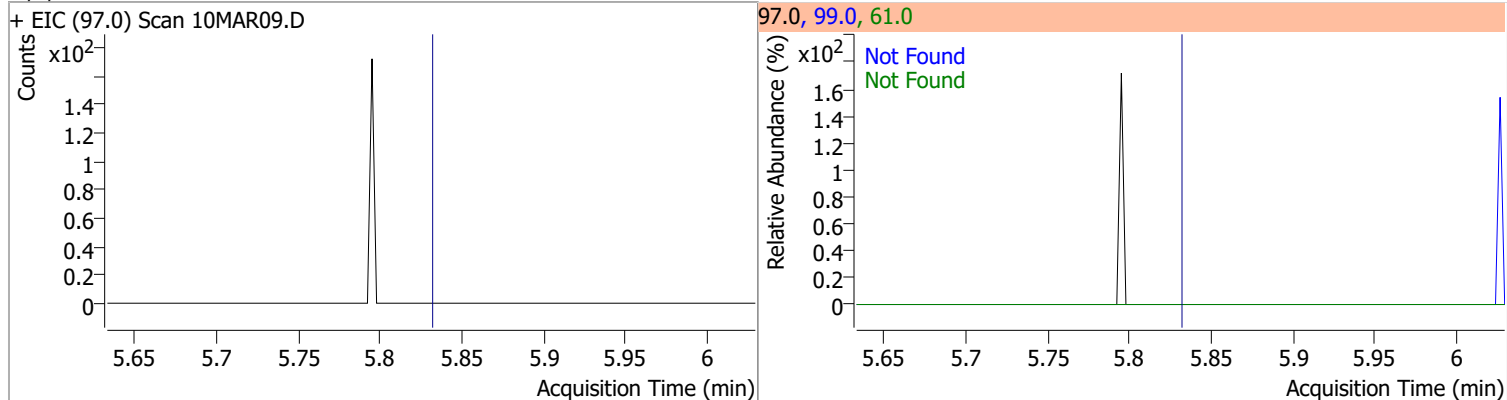


Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	64.7

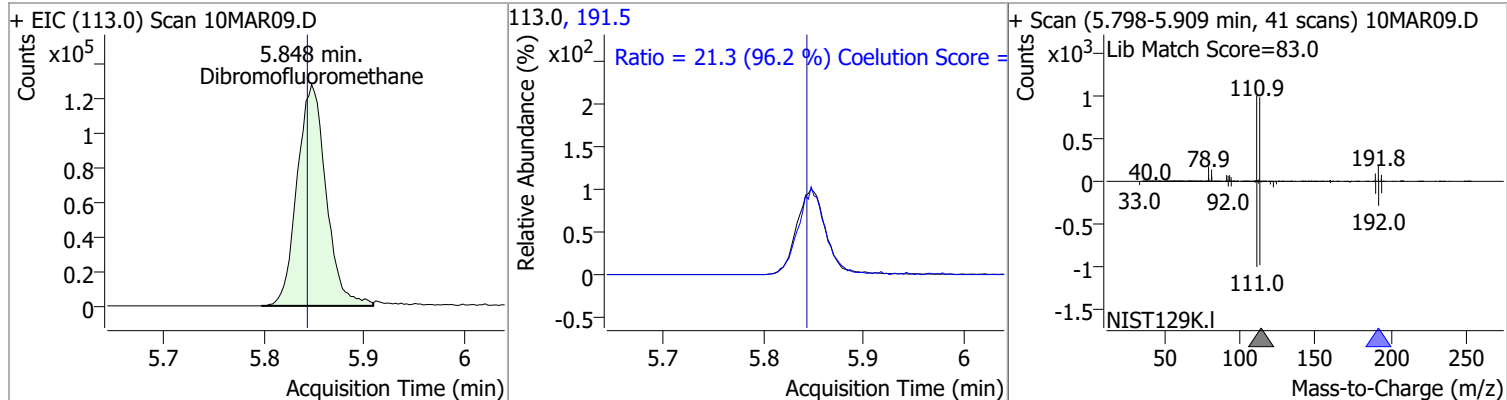


# Quantitation Results Report (QT Reviewed)

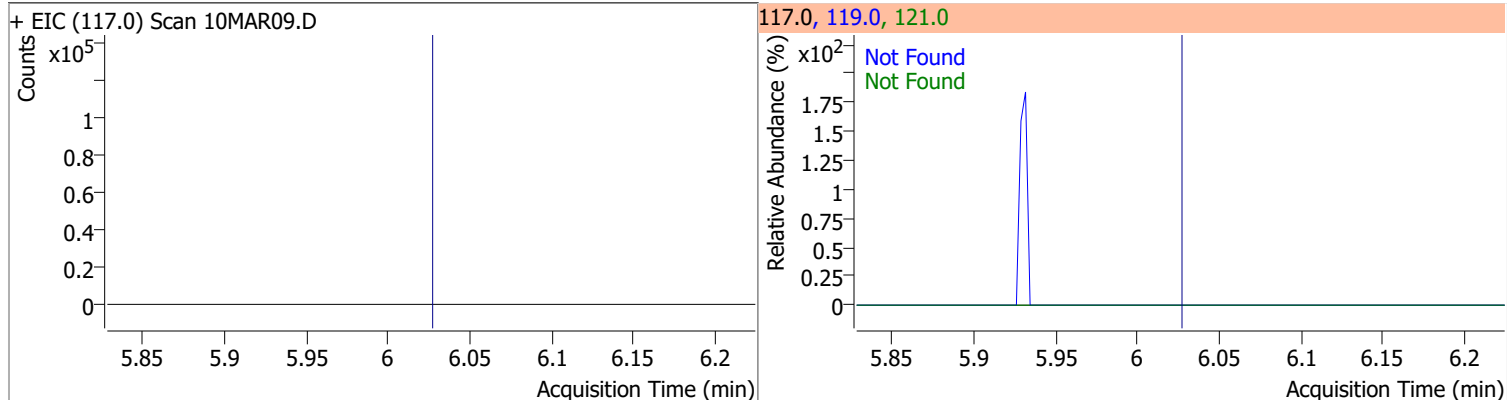
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.2	61.0	50.0



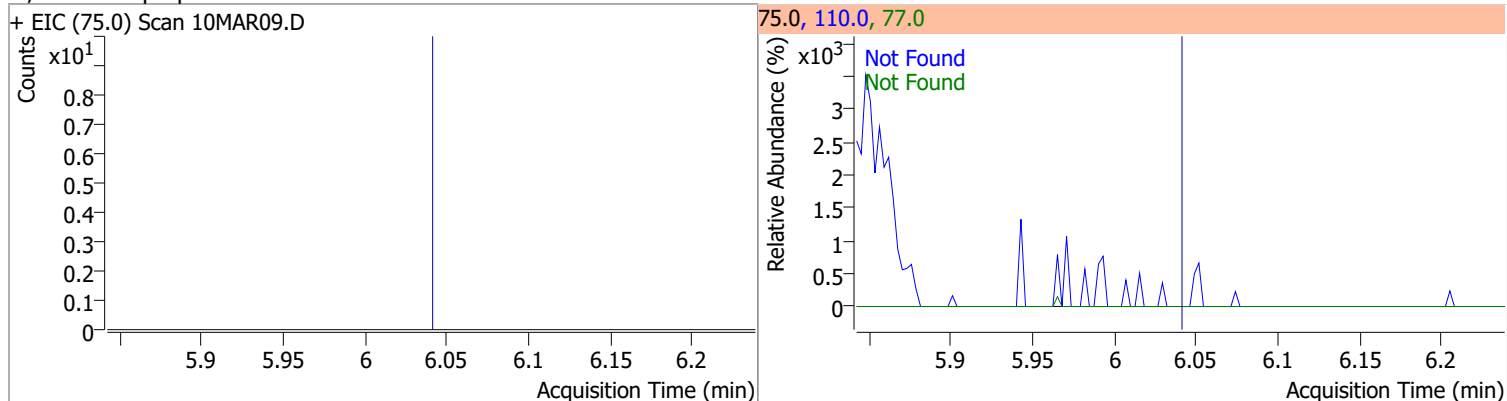
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	265.2514	5.85	0.01	258171	191.5	21.3	0.0	52.2



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.3	121.0	30.1

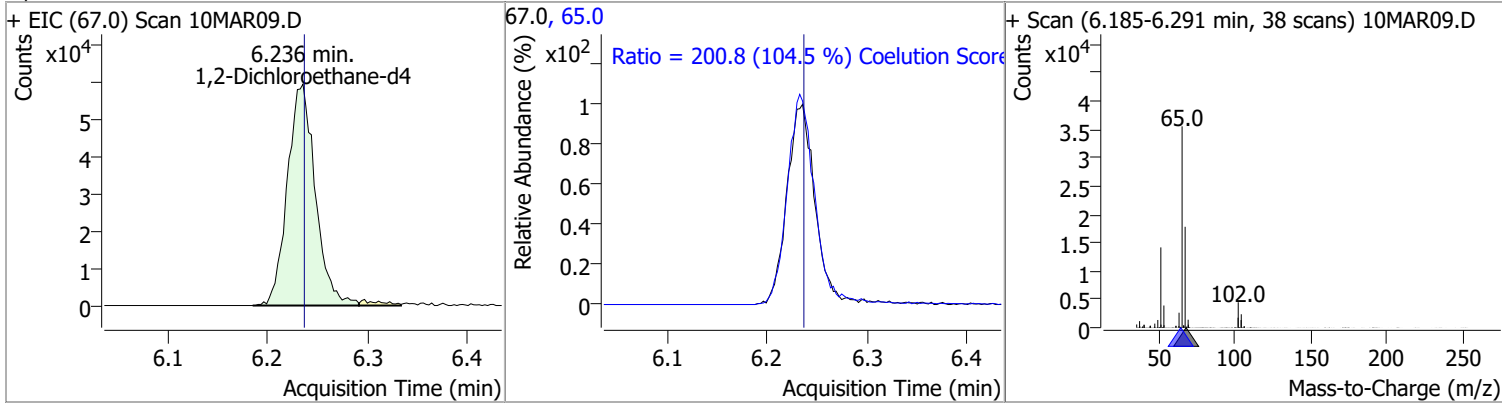


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	36.1	77.0	31.1

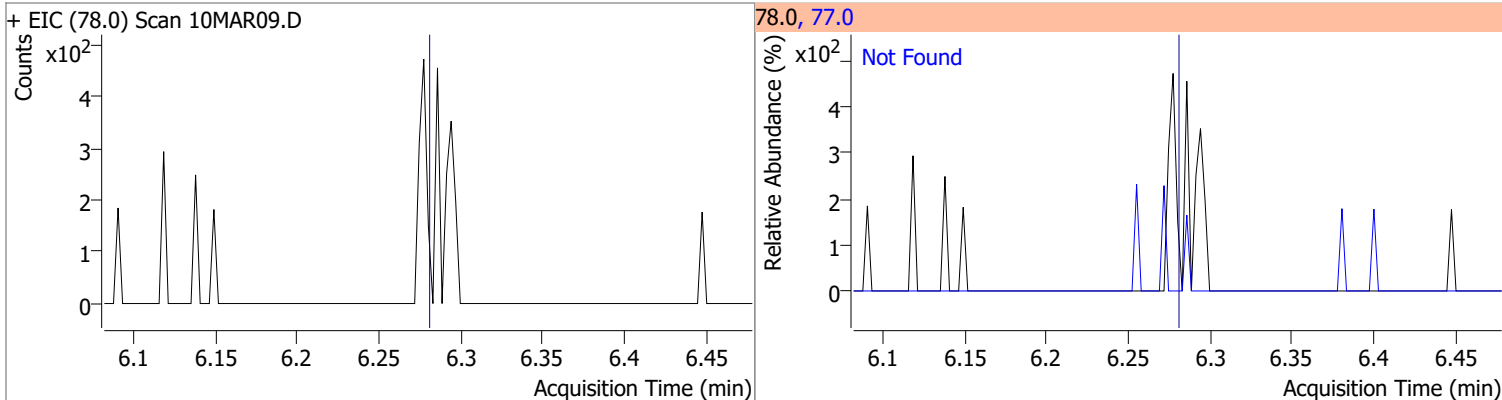


# Quantitation Results Report (QT Reviewed)

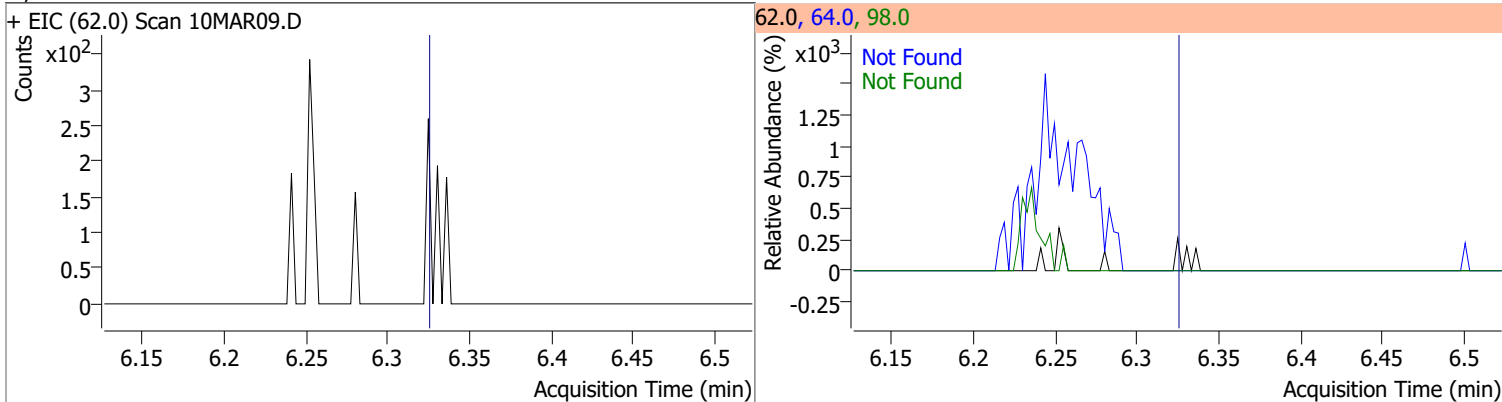
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	264.5411	6.24	0.00	114930	65.0	200.8	162.2	222.2



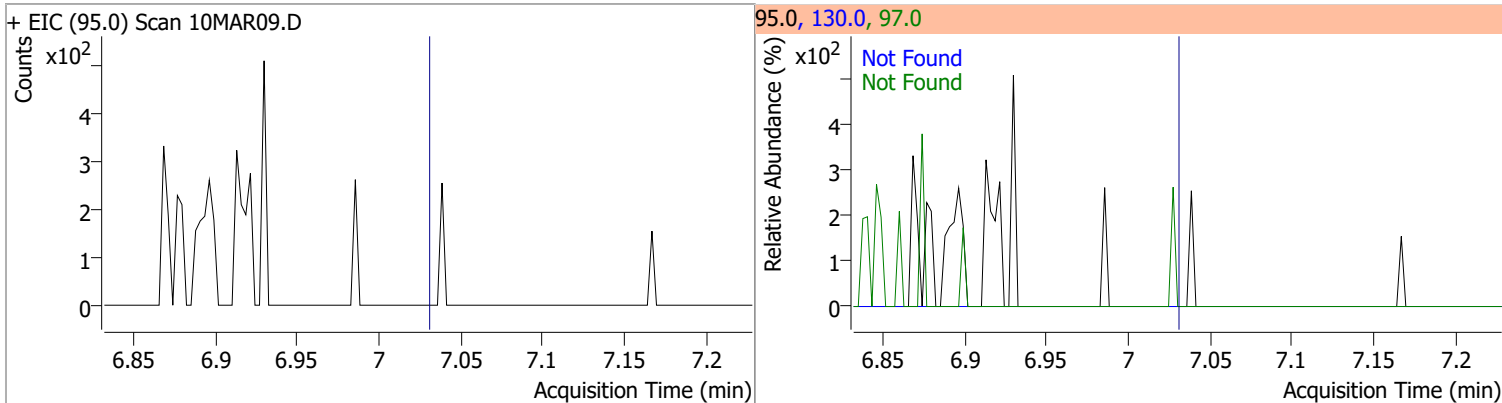
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



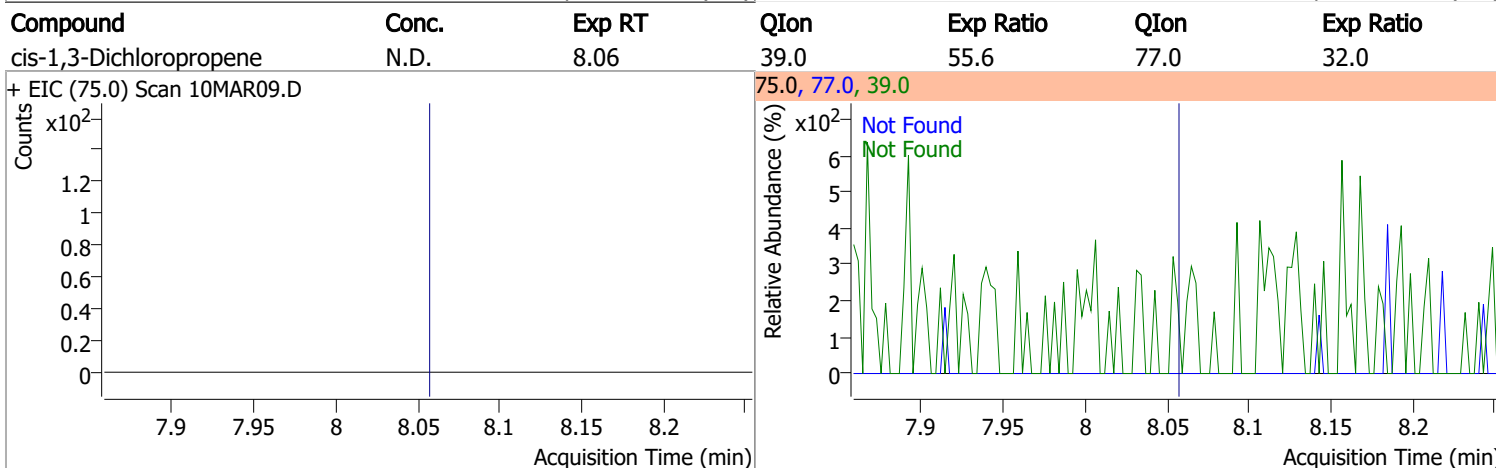
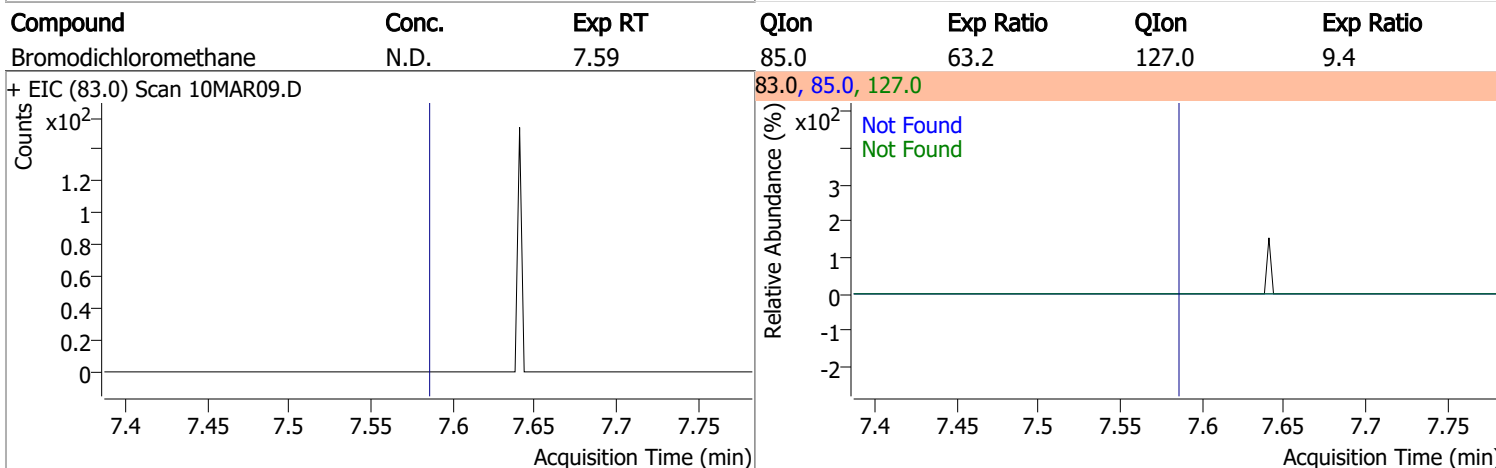
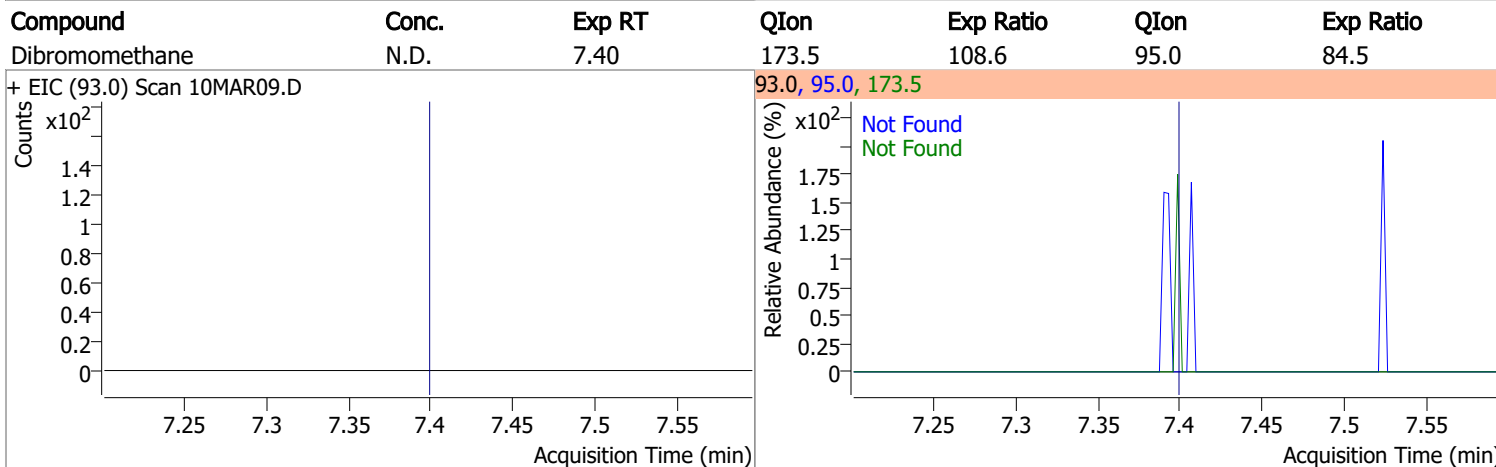
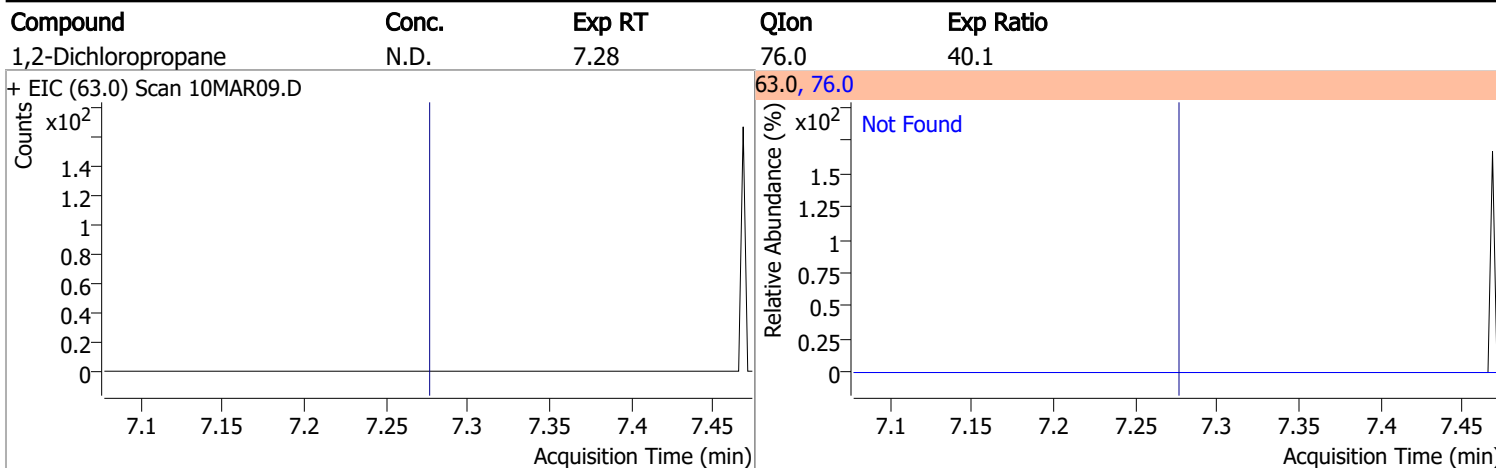
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

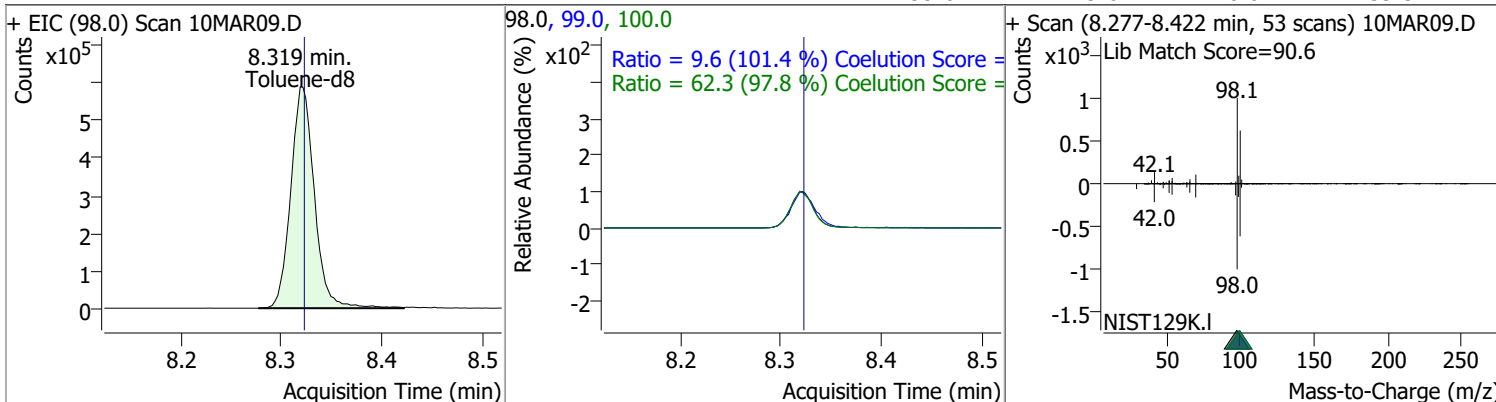


# Quantitation Results Report (QT Reviewed)

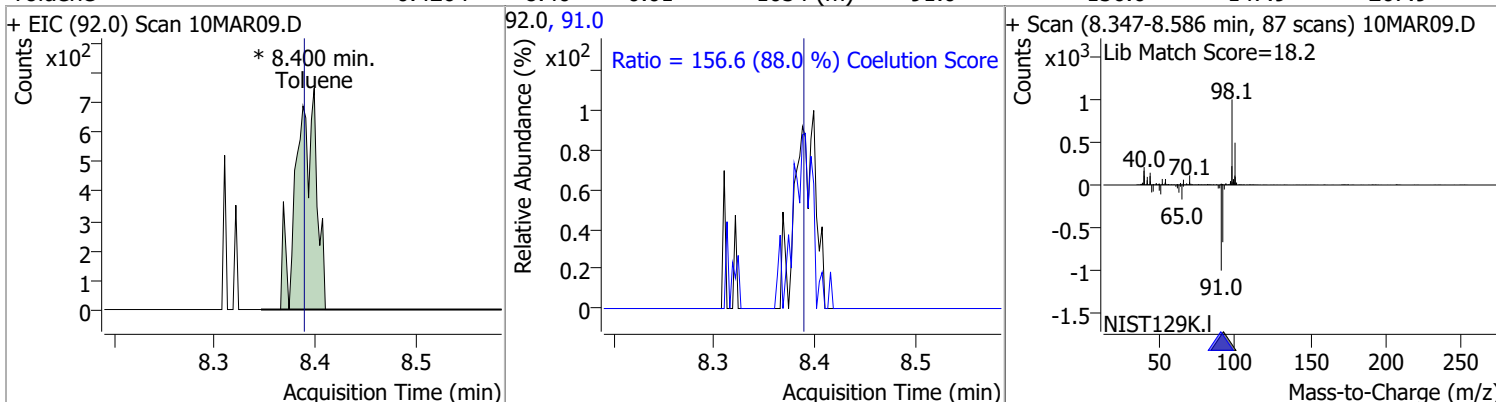


# Quantitation Results Report (QT Reviewed)

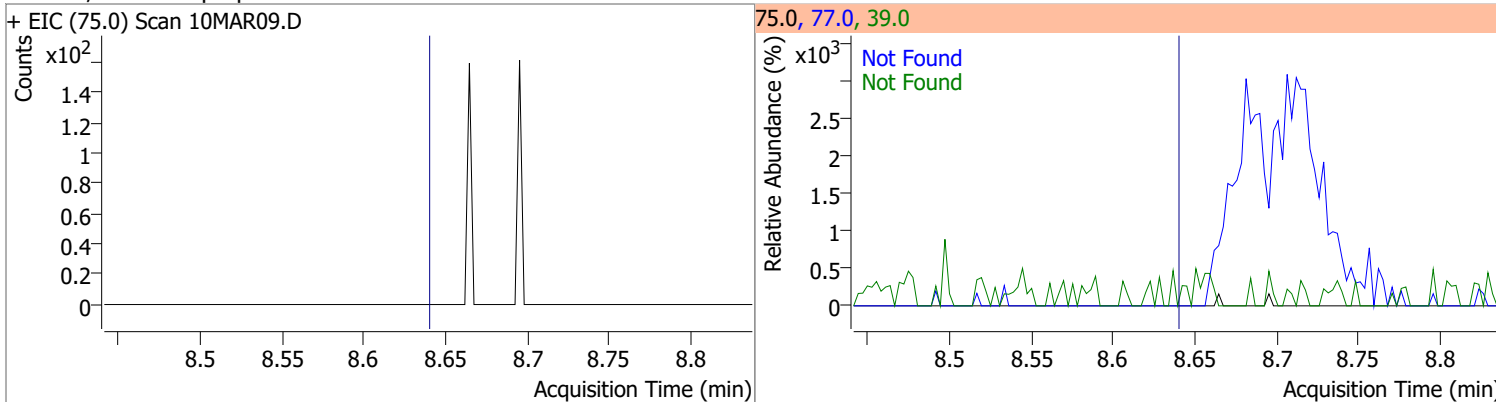
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	241.6323	8.32	0.00	964957	100.0	62.3	33.7	93.7
					99.0	9.6	0.0	39.5



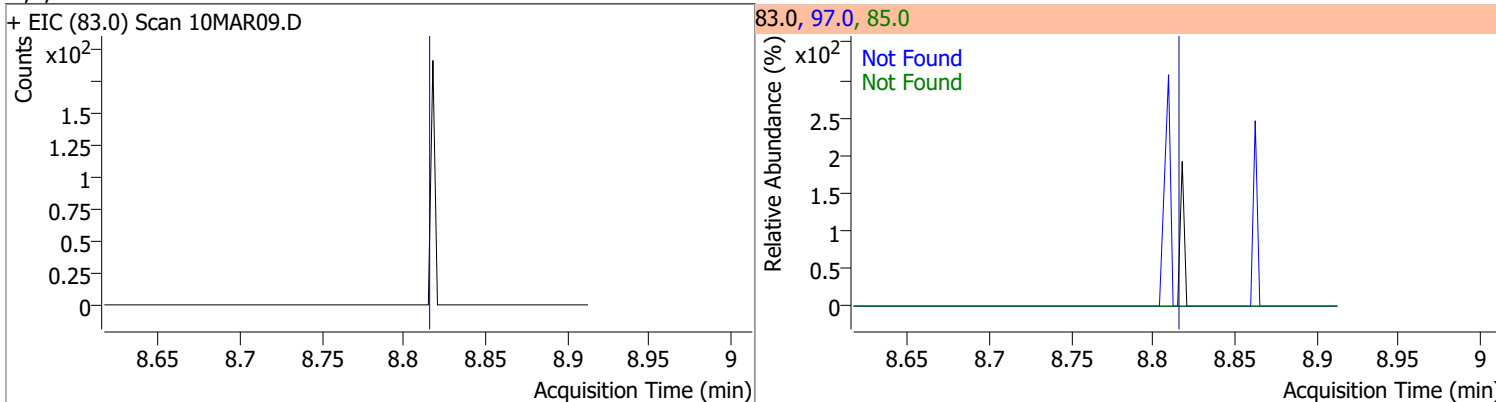
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.4264	8.40	0.01	1054 (m)	91.0	156.6	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8



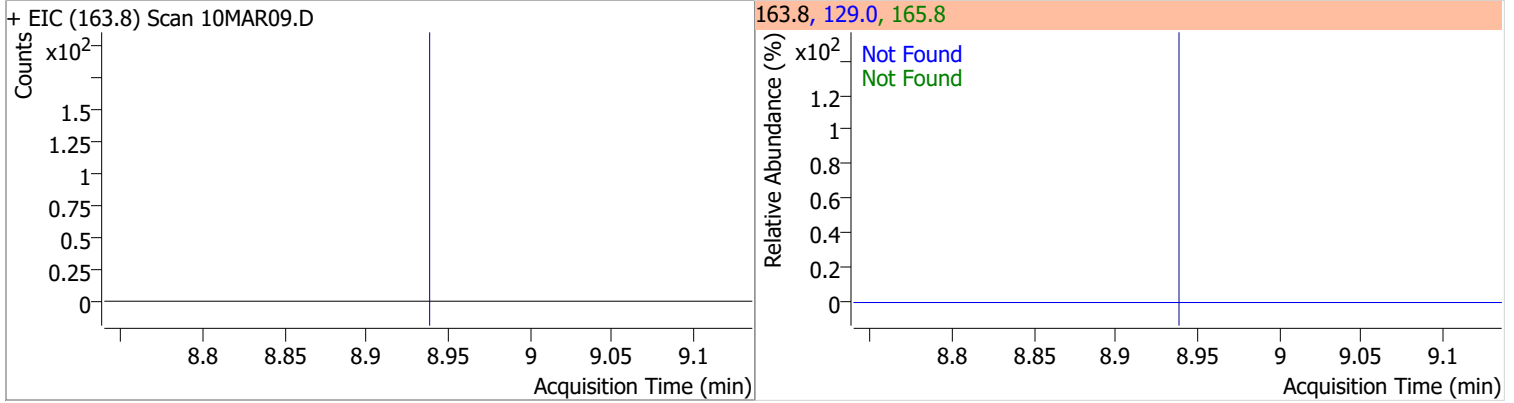
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9



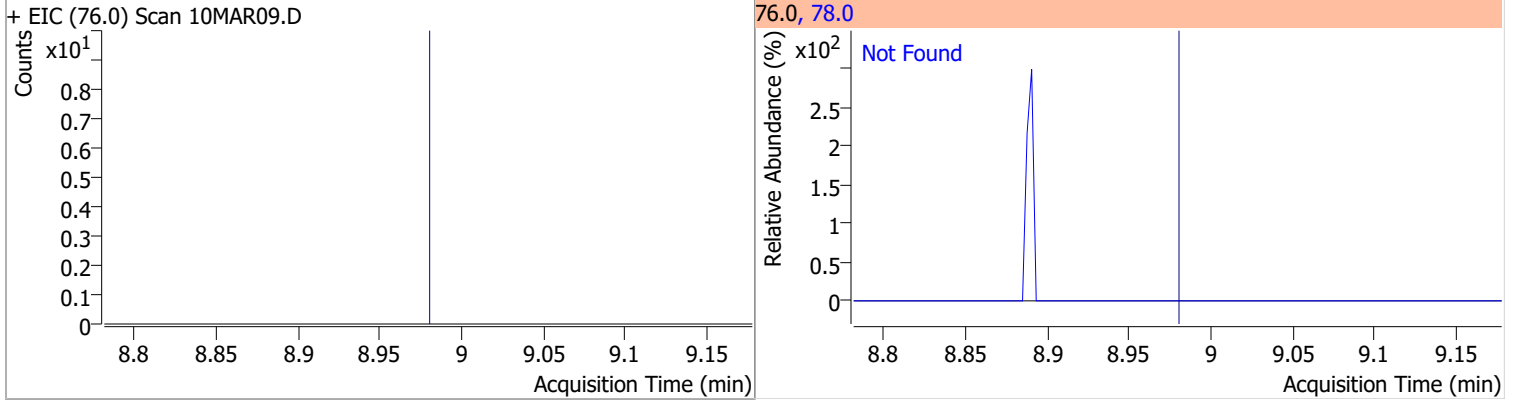


# Quantitation Results Report (QT Reviewed)

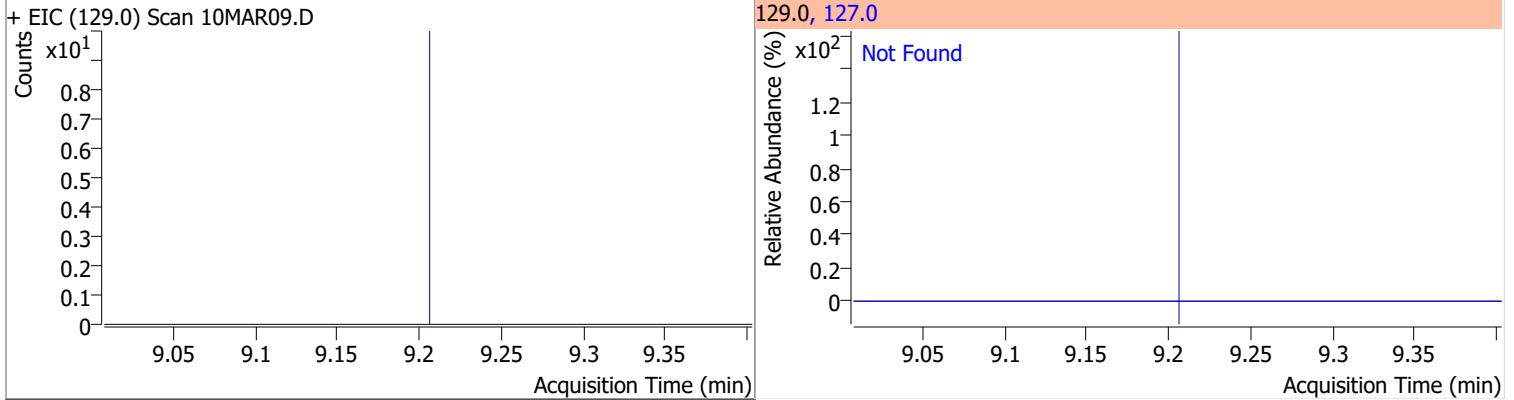
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



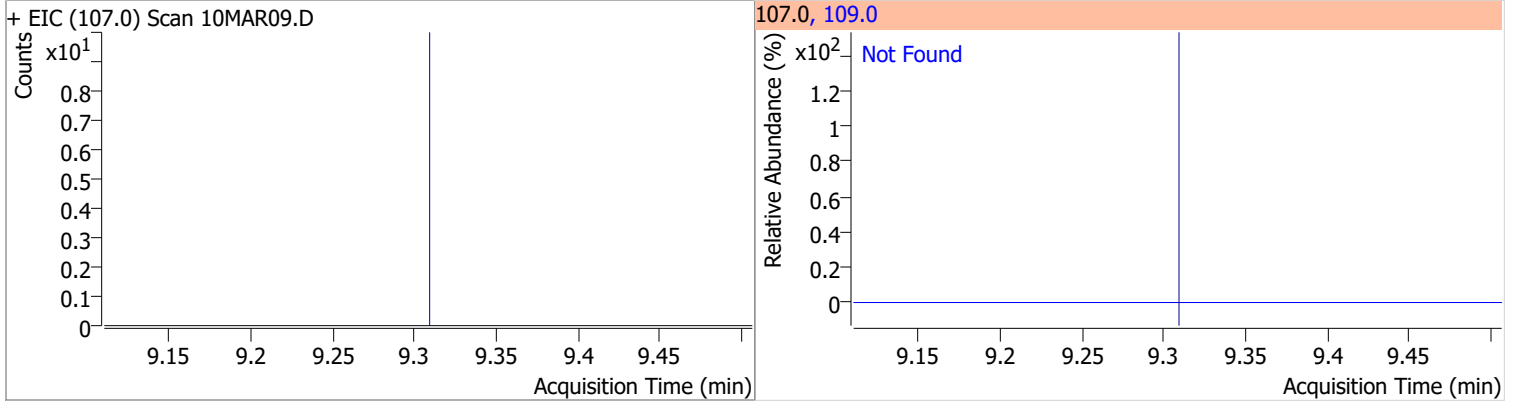
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



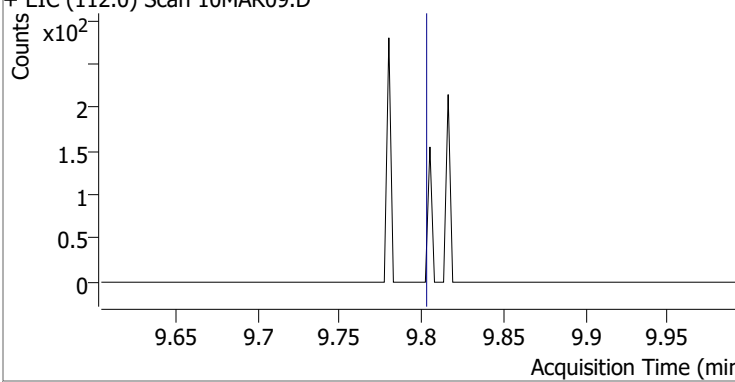
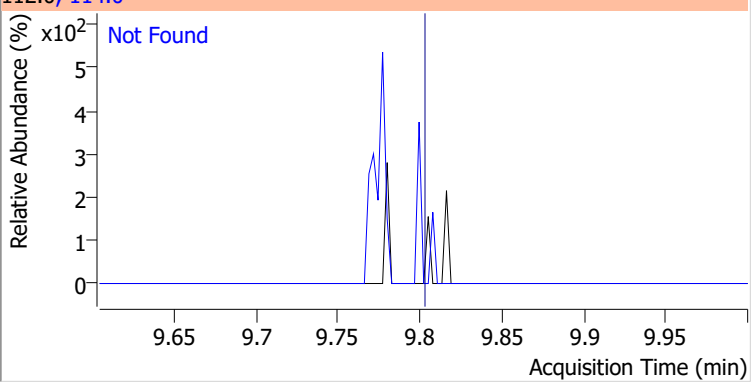
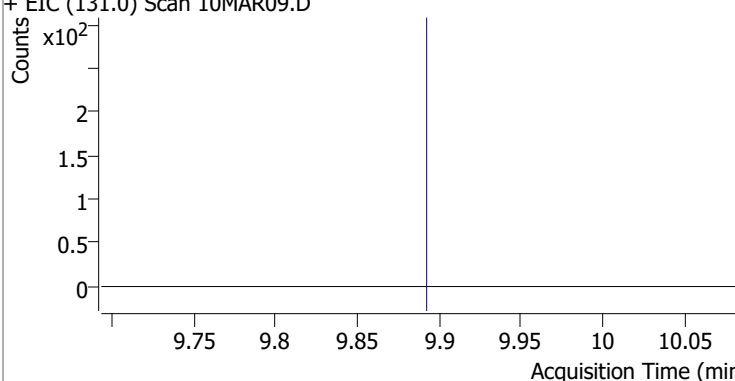
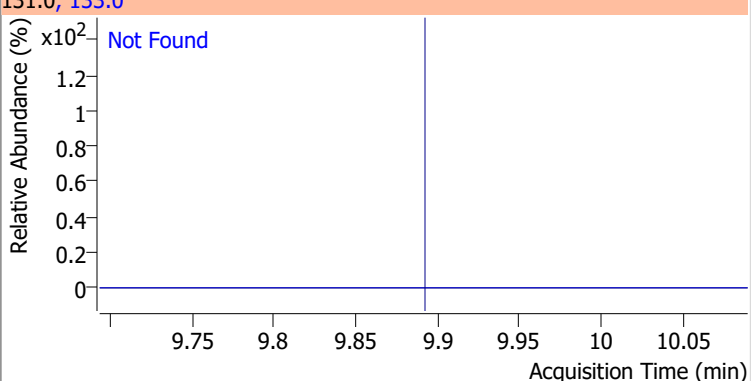
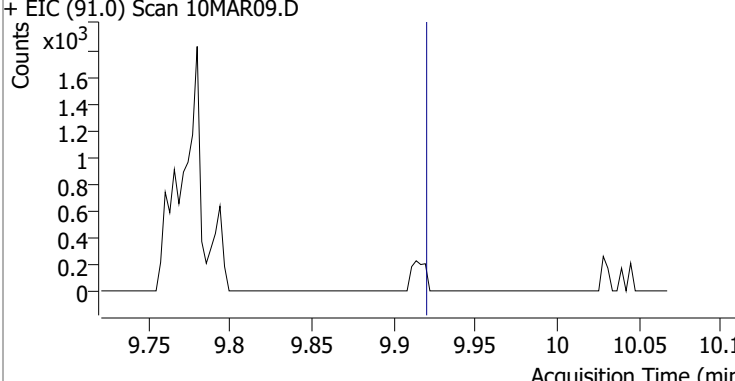
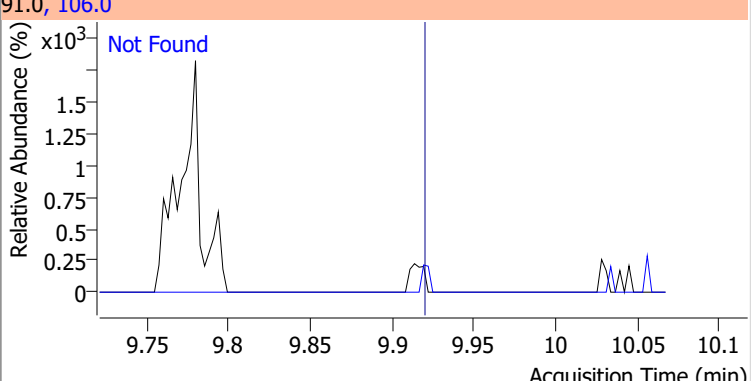
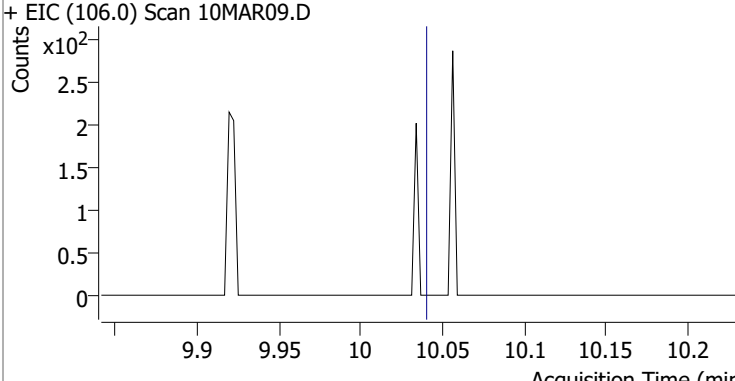
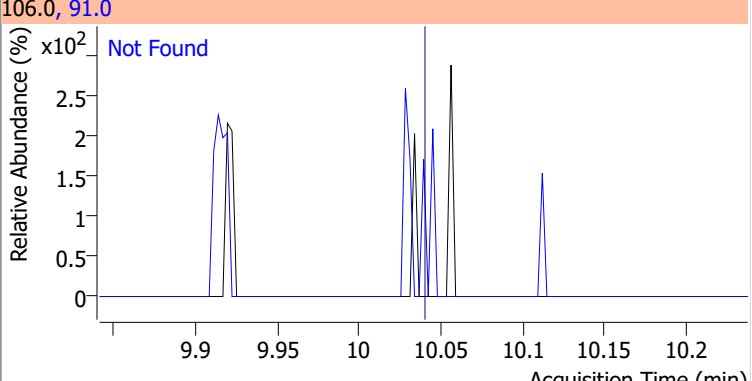
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



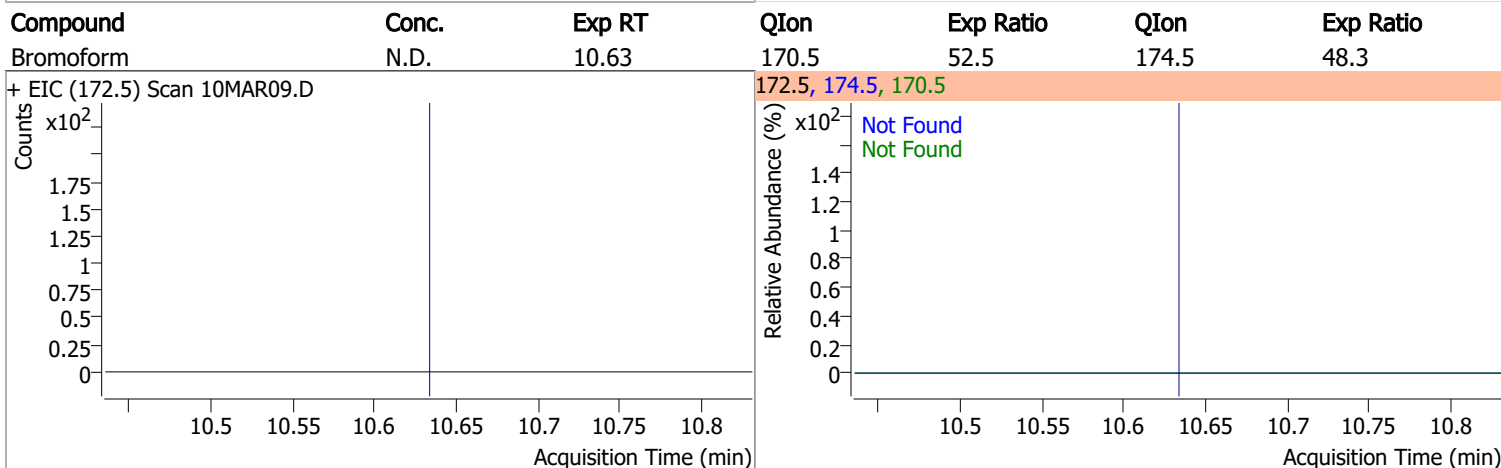
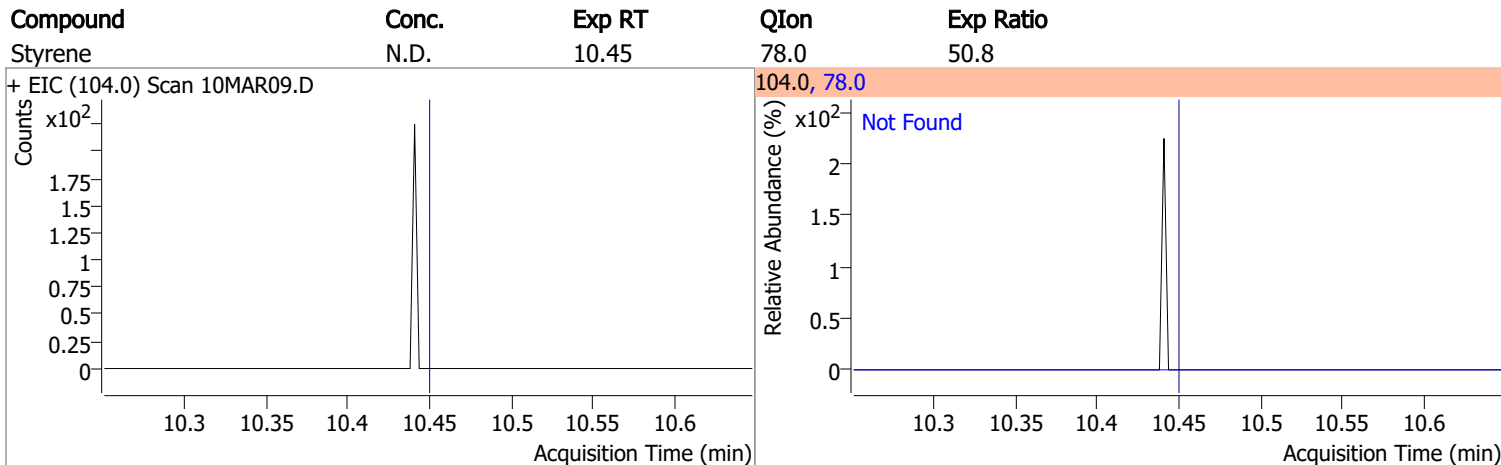
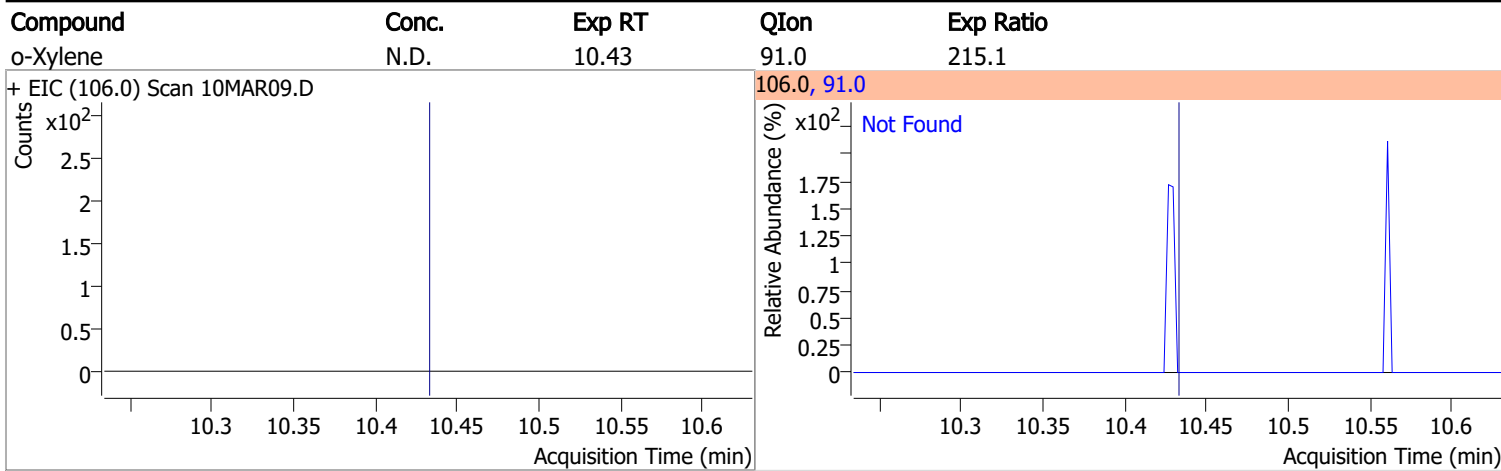
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4



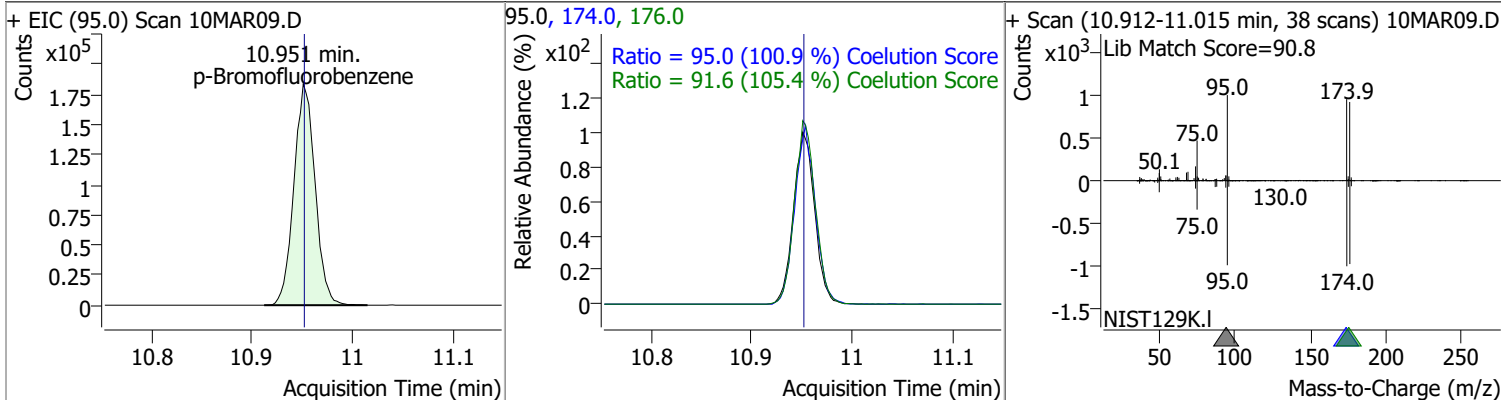
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR09.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR09.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR09.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR09.D			106.0, 91.0	
				

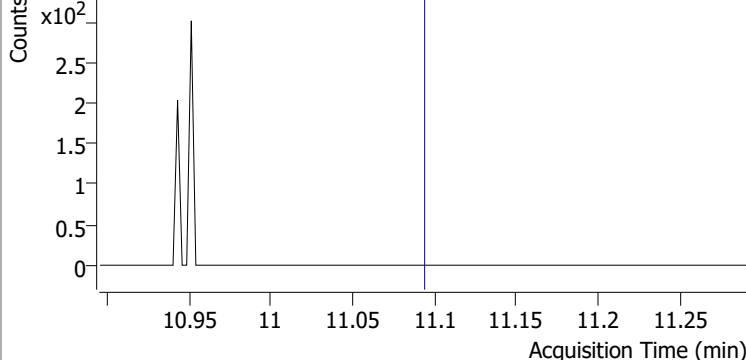
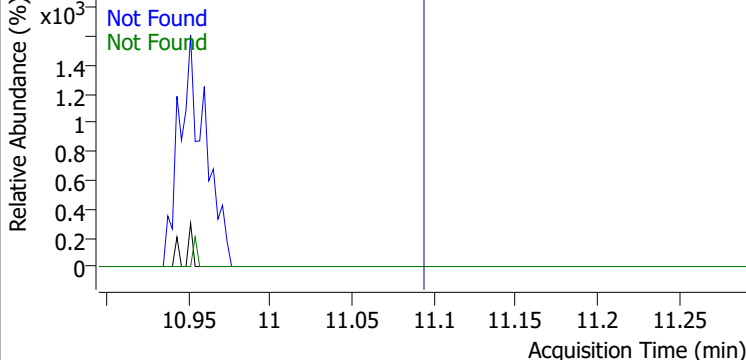
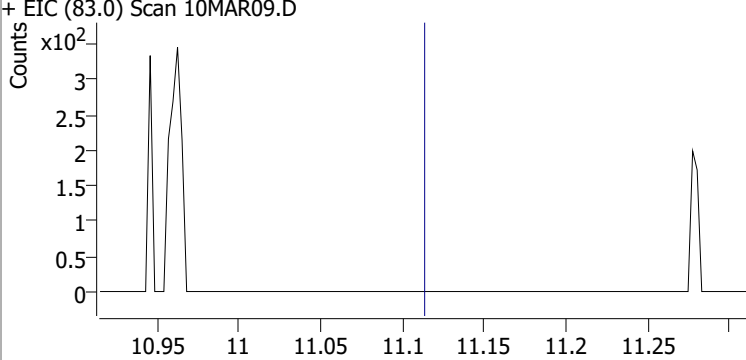
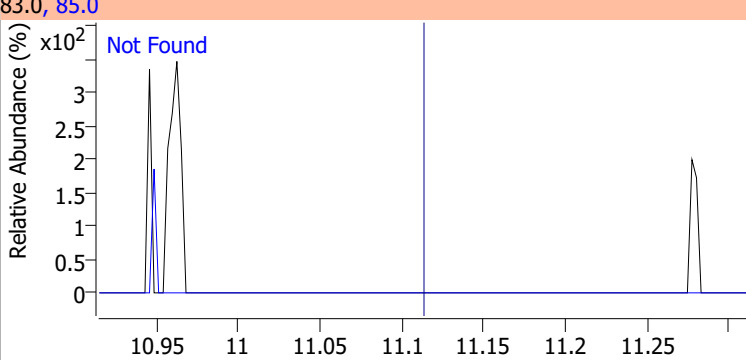
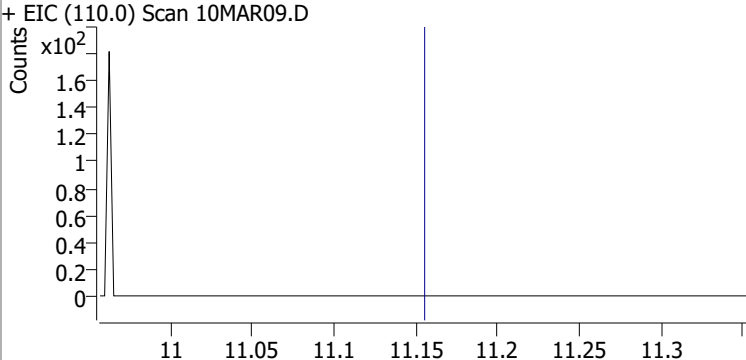
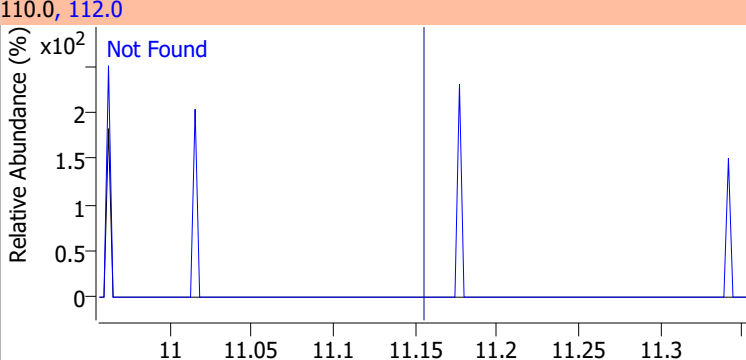
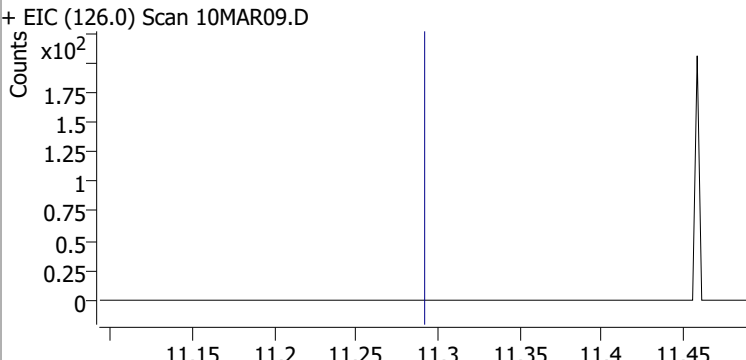
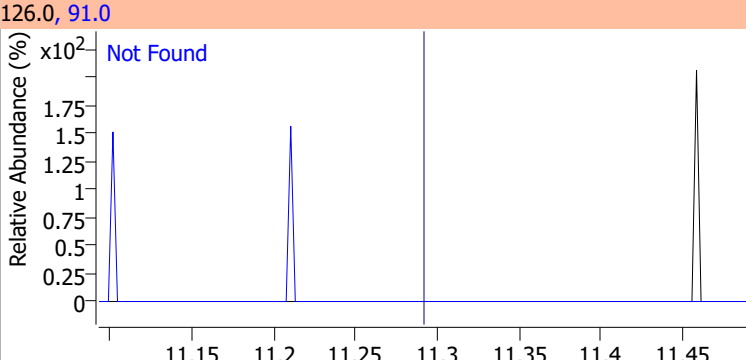
# Quantitation Results Report (QT Reviewed)



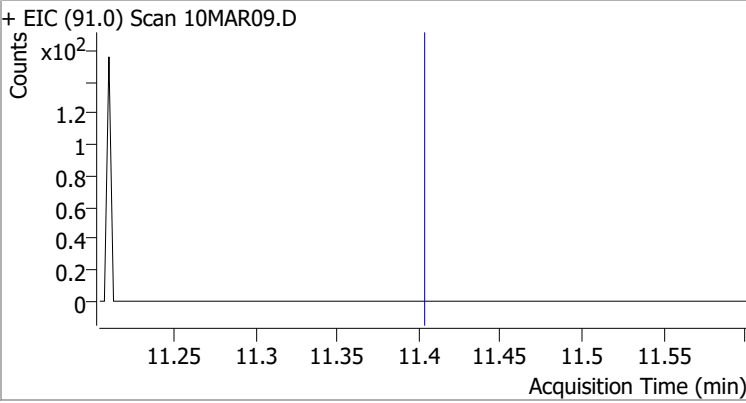
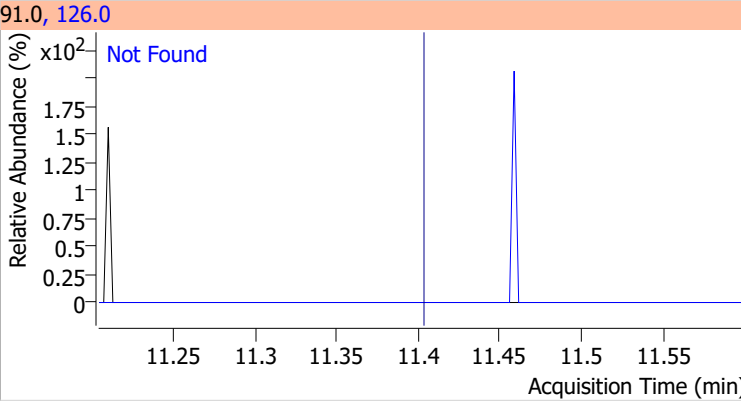
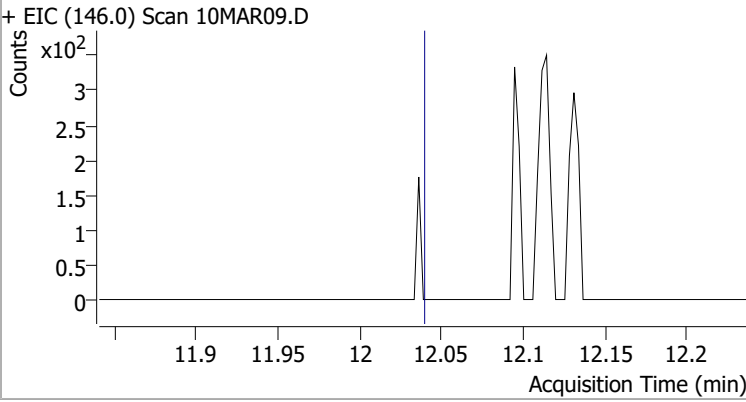
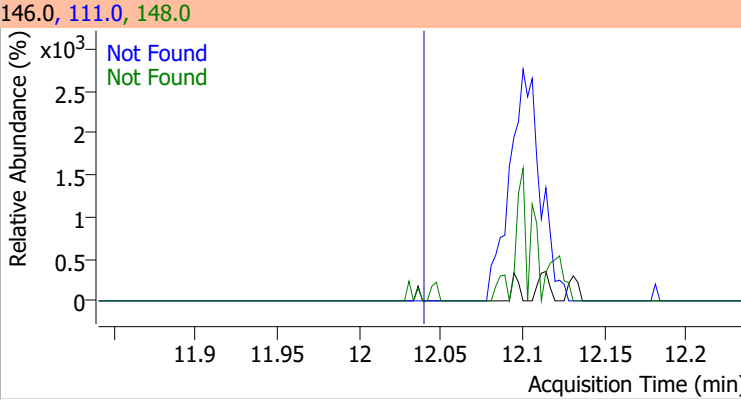
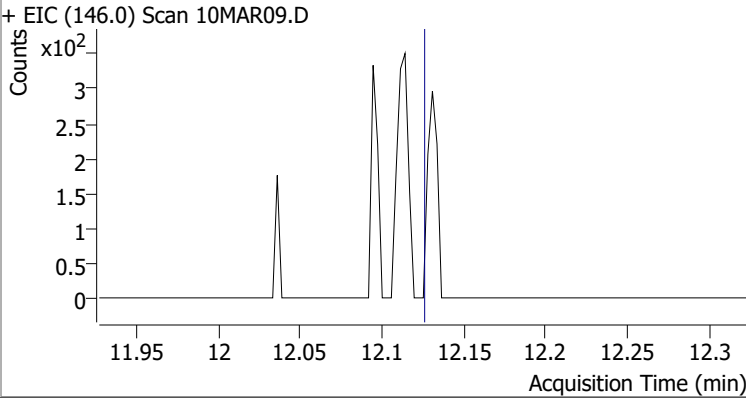
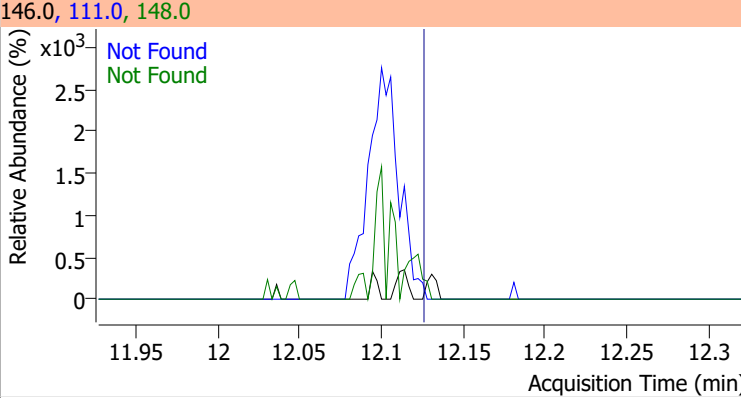
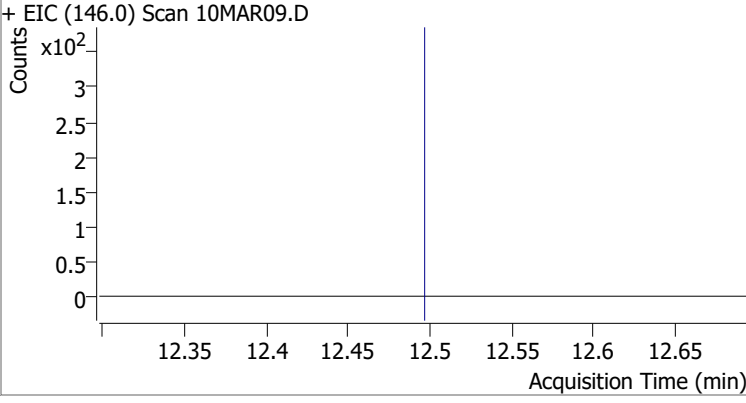
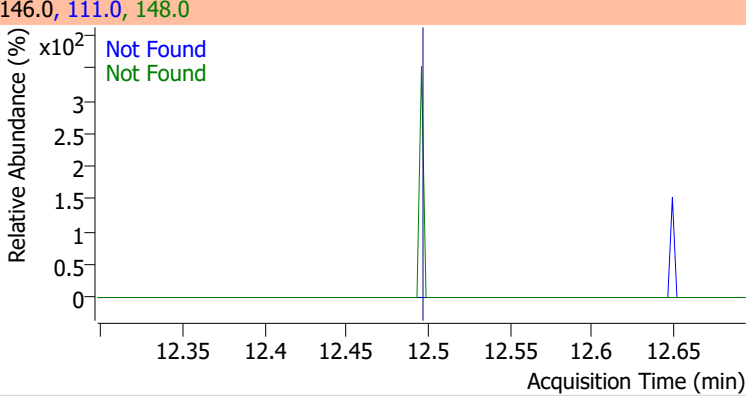
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	264.4520	10.95	0.00	269284	174.0	95.0	64.2	124.2
					176.0	91.6	56.9	116.9



# Quantitation Results Report (QT Reviewed)

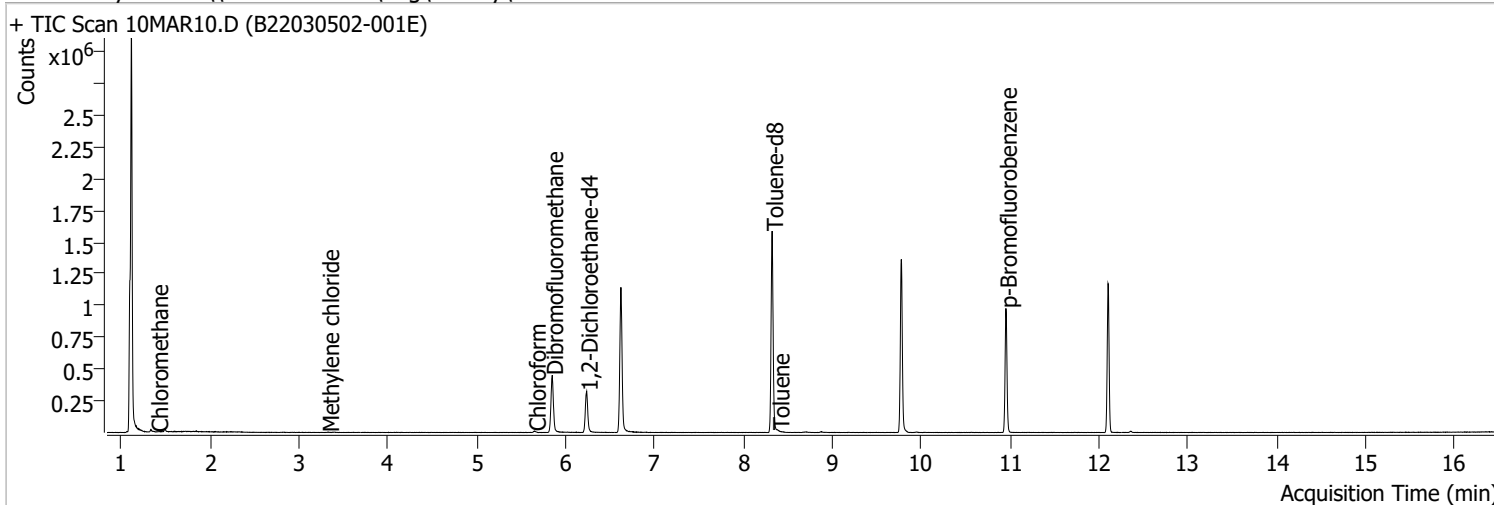
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR09.D			156.0, 77.0, 158.0			
						
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR09.D			83.0, 85.0			
						
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR09.D			110.0, 112.0			
						
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR09.D			126.0, 91.0			
						

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio			
4-Chlorotoluene	N.D.	11.40	126.0	31.5			
+ EIC (91.0) Scan 10MAR09.D			91.0, 126.0				
							
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio	
+ EIC (146.0) Scan 10MAR09.D			146.0, 111.0, 148.0				
							
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio	
+ EIC (146.0) Scan 10MAR09.D			146.0, 111.0, 148.0				
							
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio	
+ EIC (146.0) Scan 10MAR09.D			146.0, 111.0, 148.0				
							

# Quantitation Results Report (QT Reviewed)

Data File	10MAR10.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 4:12:14 PM
Sample Name	B22030502-001E	Instrument	VOA5975C
Vial	10	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	Fvial
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.623	96.0	933028	250.0000	ng	0.003
M Chlorobenzene-d5	9.774	82.0	371723	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	271478	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	259432	273.6529	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.46%		
S 1,2-Dichloroethane-d4	6.236	67.0	114413	270.3719	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 108.15%		
S Toluene-d8	8.321	98.0	949621	239.6160	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.85%		
S p-Bromofluorobenzene	10.951	95.0	269487	269.2108	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.68%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.406	50.0	625	0.4003	ng	m 70
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.327	49.0	1223	0.8505	ng	m 81
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.653	83.0	6755	3.6519	ng	81

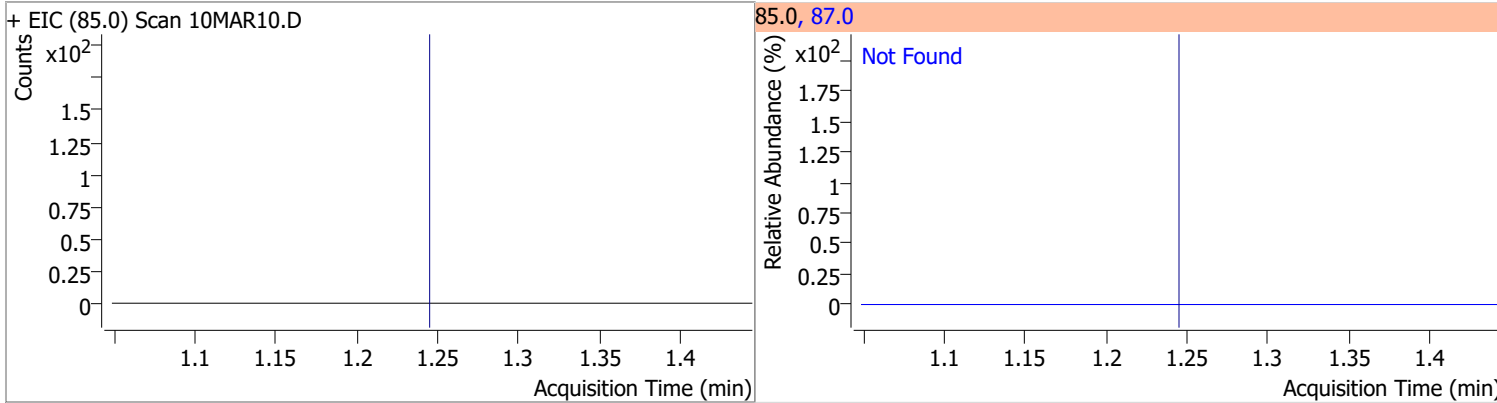
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	6.029	117.0	0		ng	md	1
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	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	1887	0.7692	ng	m	85
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

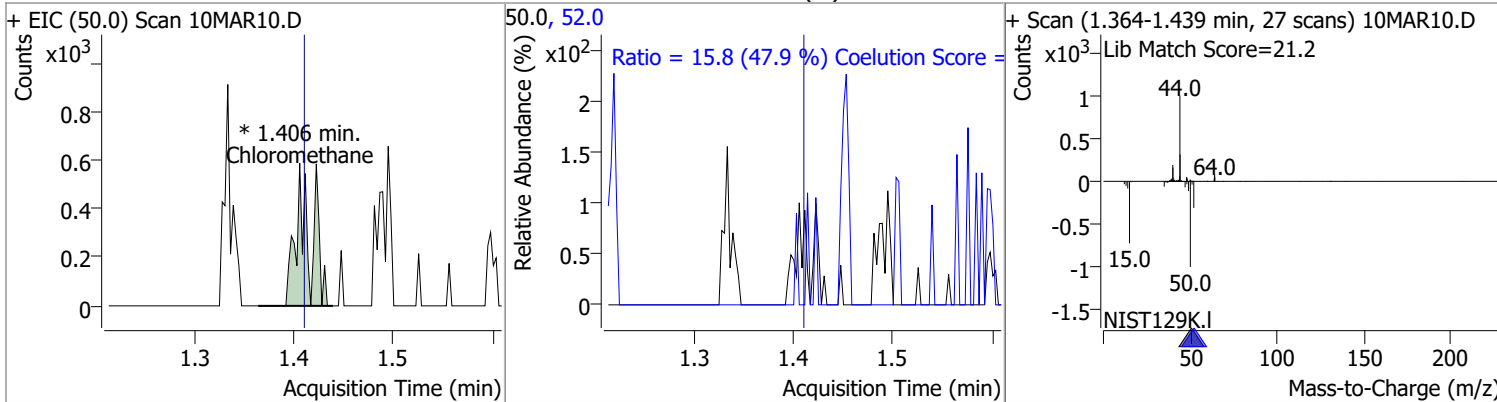
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

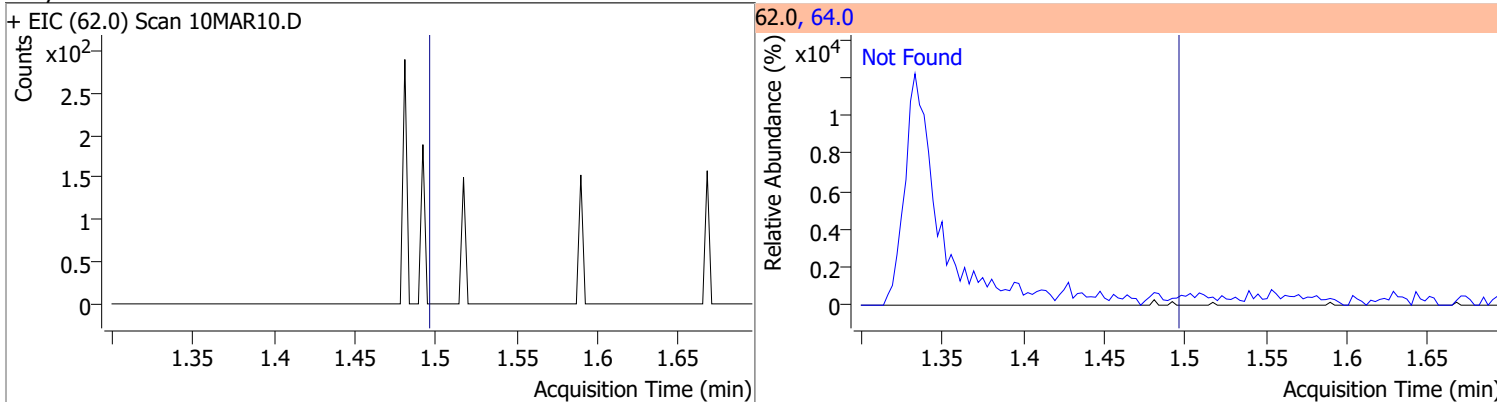
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5



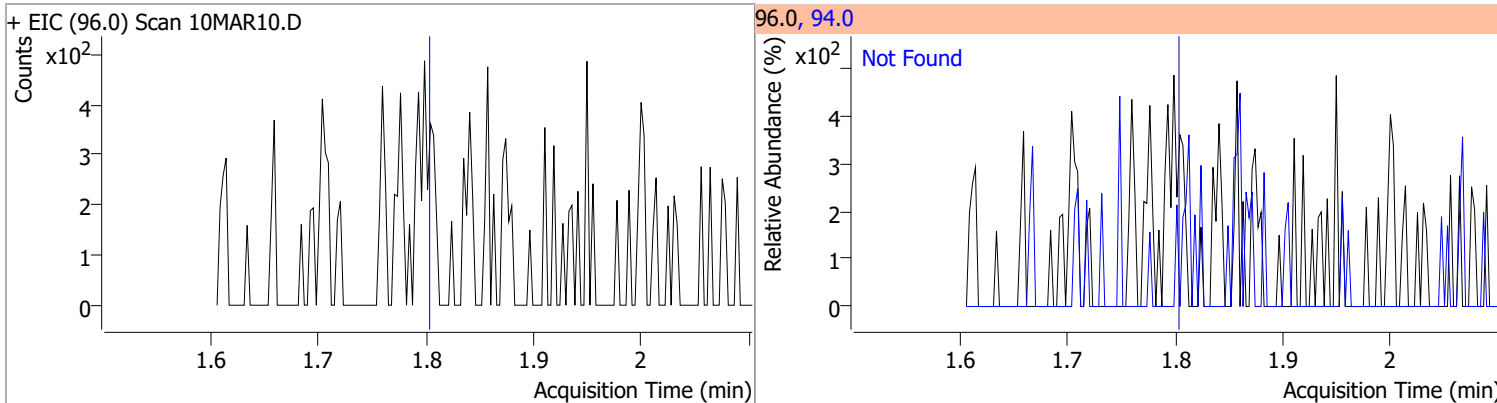
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.4003	1.41	0.00	625 (m)	52.0	15.8	3.0	63.0



Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.49	64.0	30.6



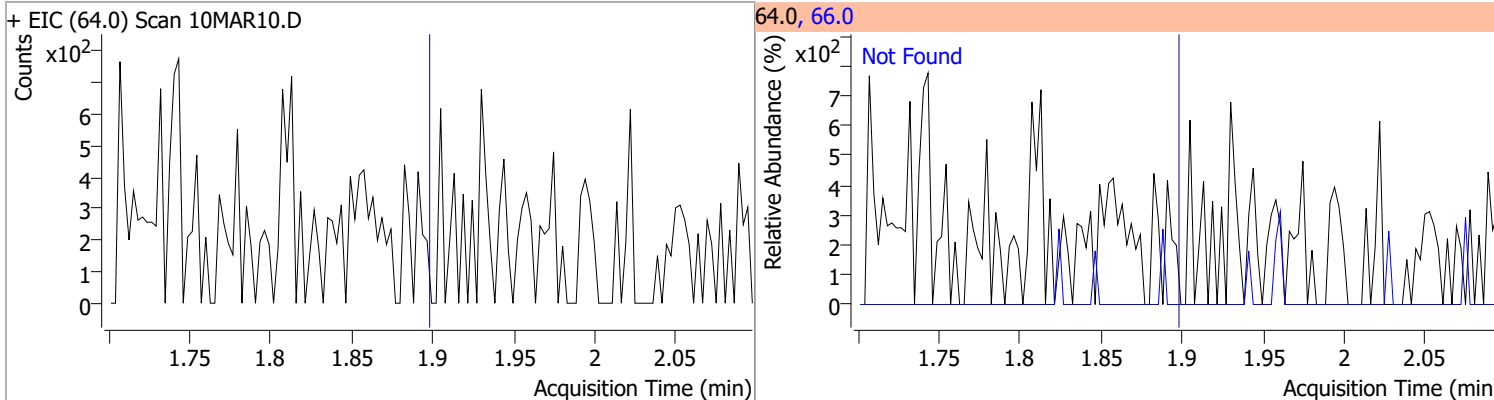
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.8



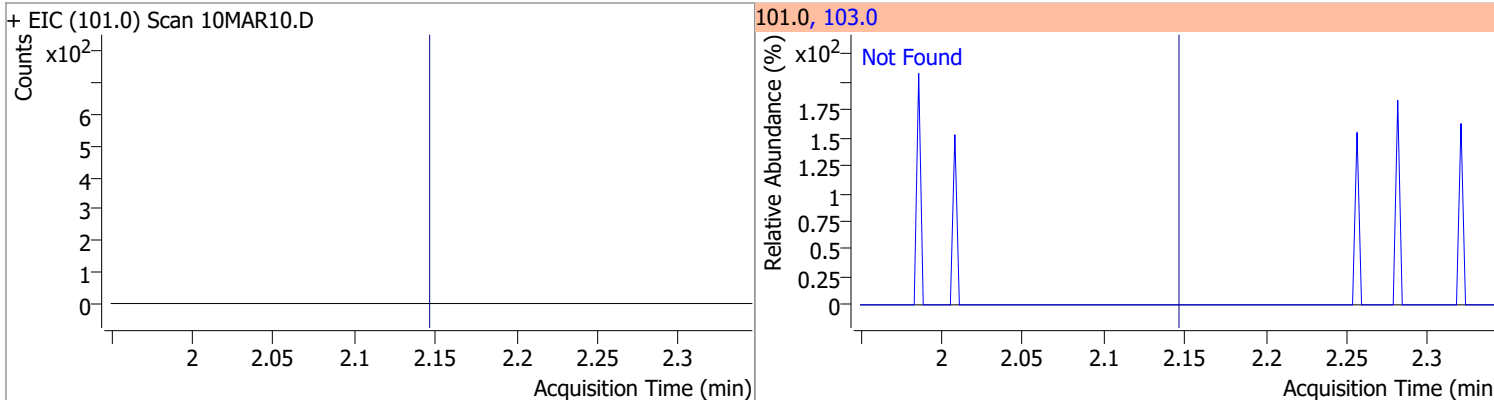


# Quantitation Results Report (QT Reviewed)

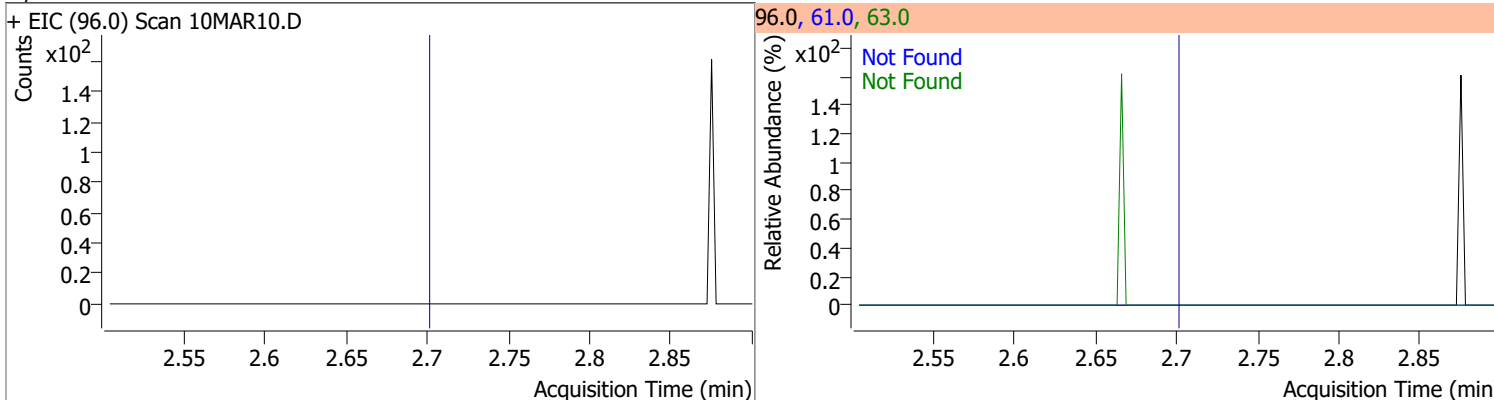
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



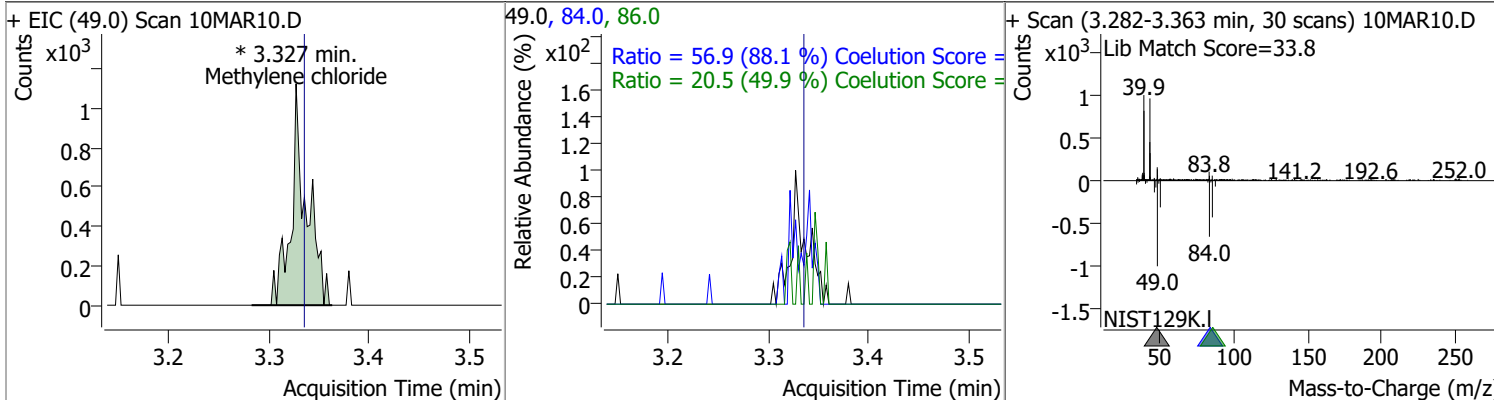
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



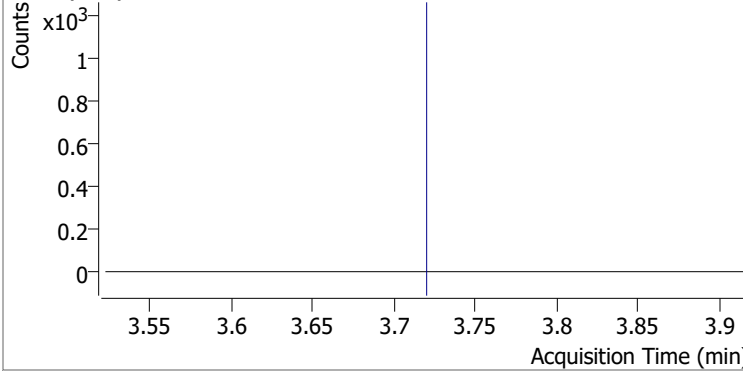
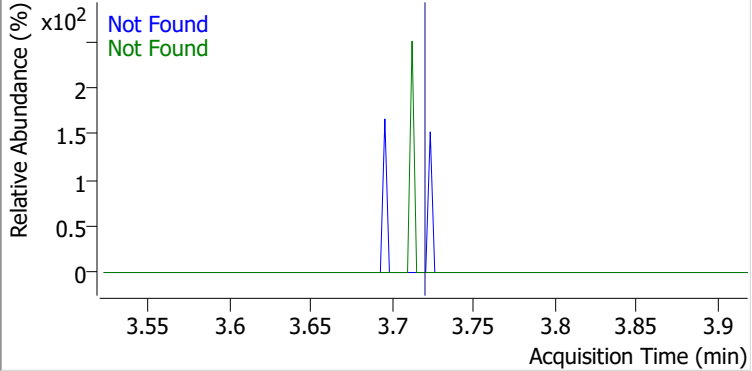
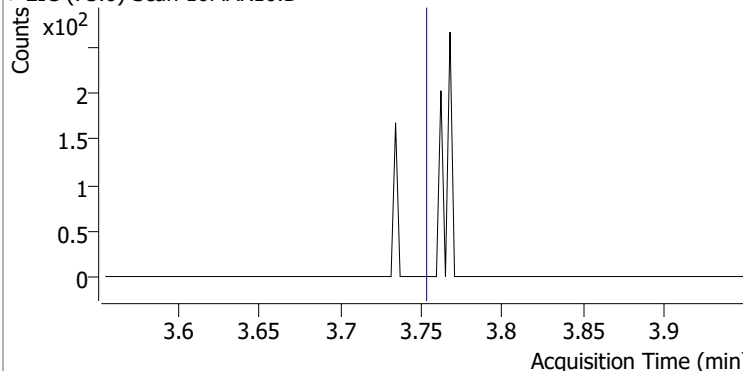
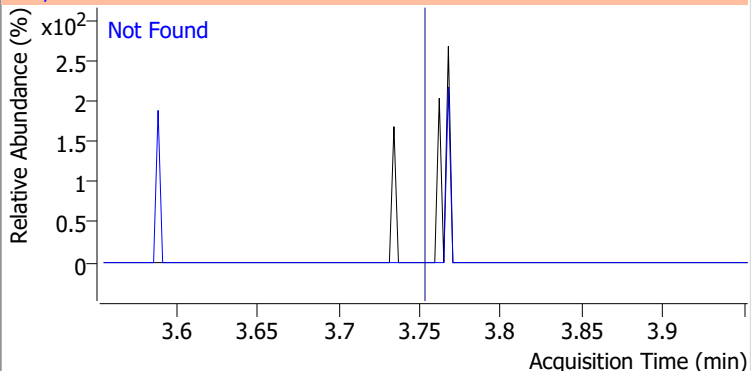
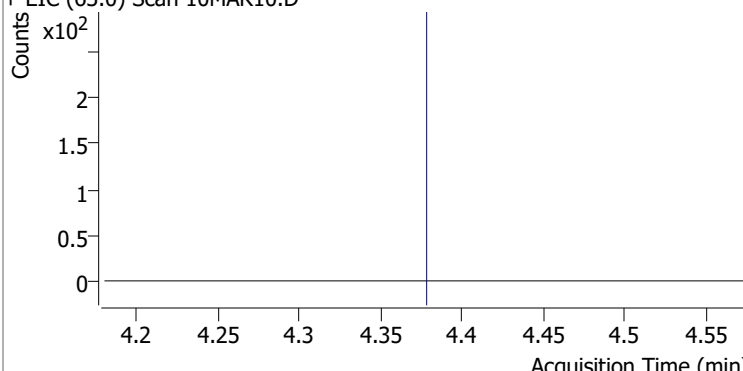
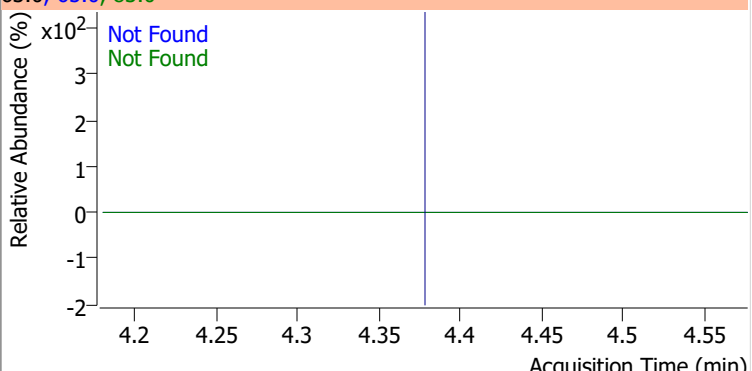
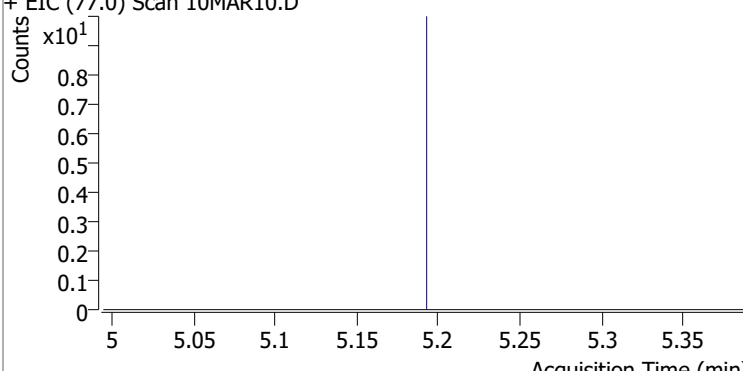
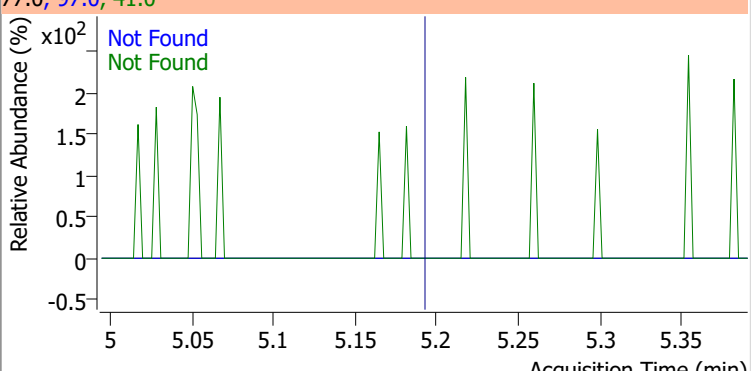
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



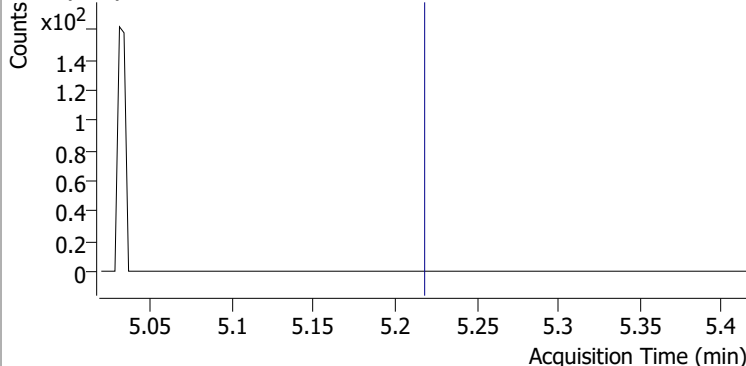
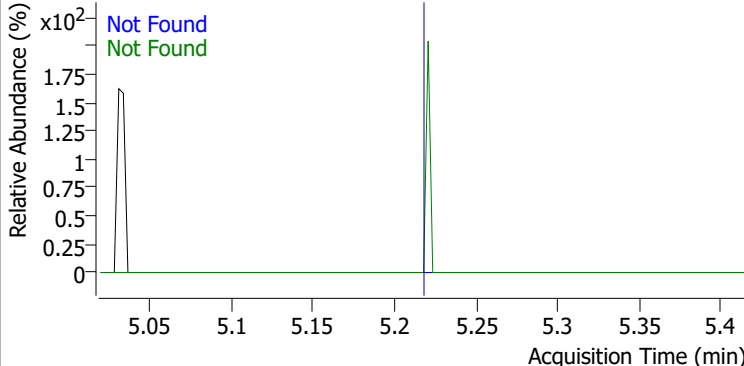
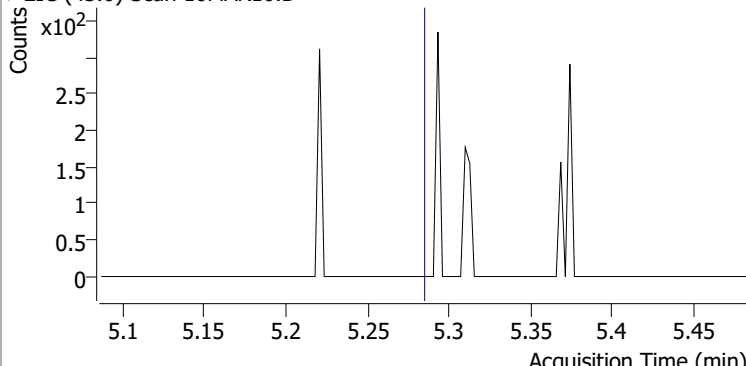
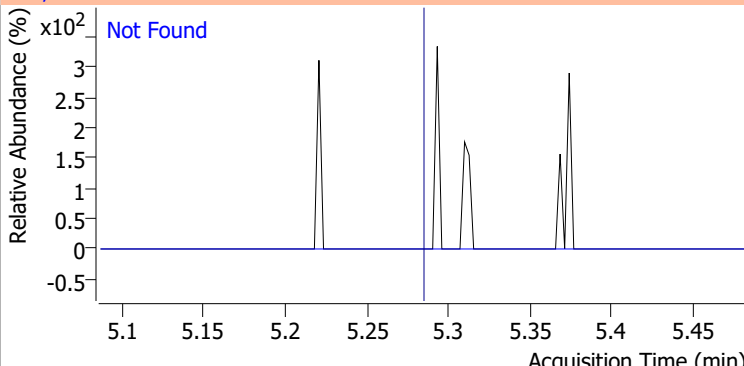
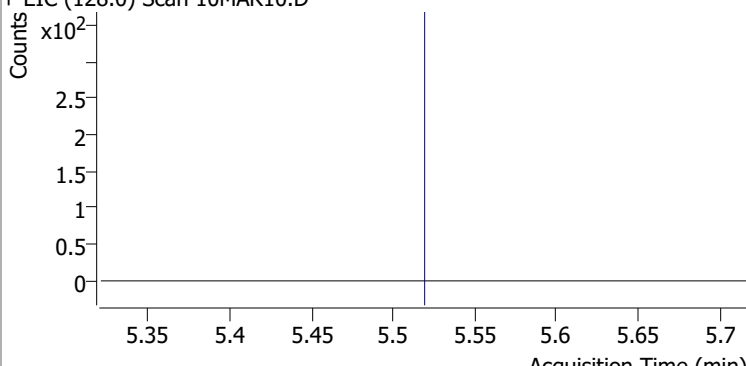
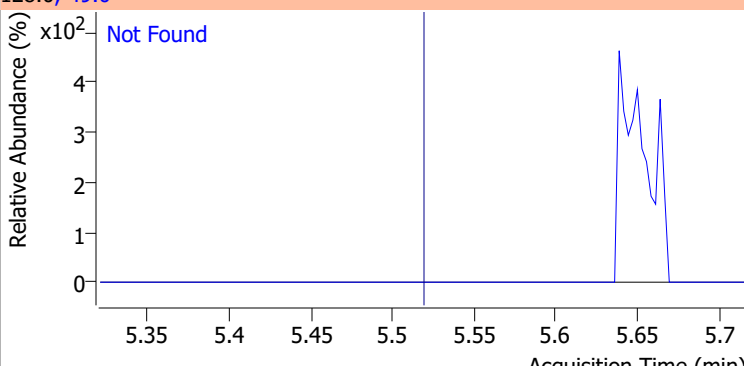
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.8505	3.33	-0.01	1223 (m)	84.0	56.9	34.7	94.7
					86.0	20.5	11.1	71.1

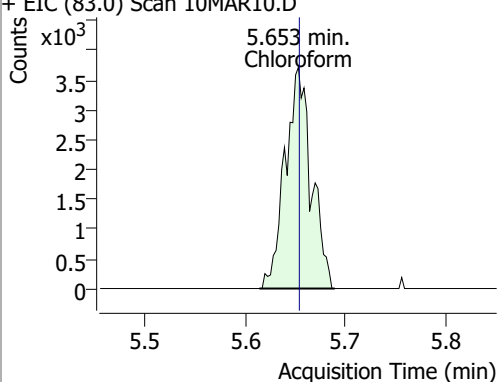
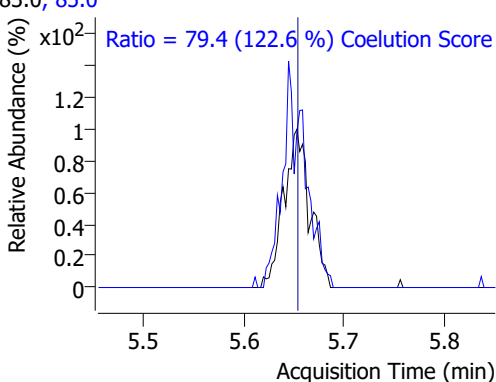
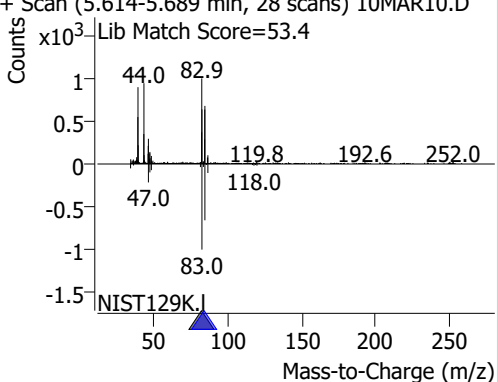


# Quantitation Results Report (QT Reviewed)

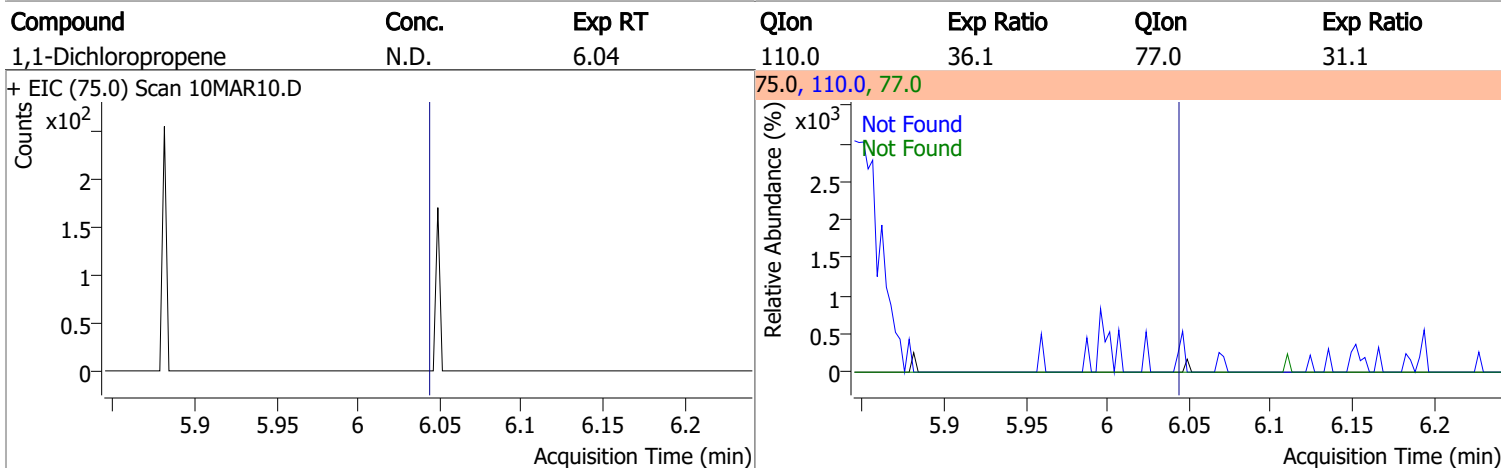
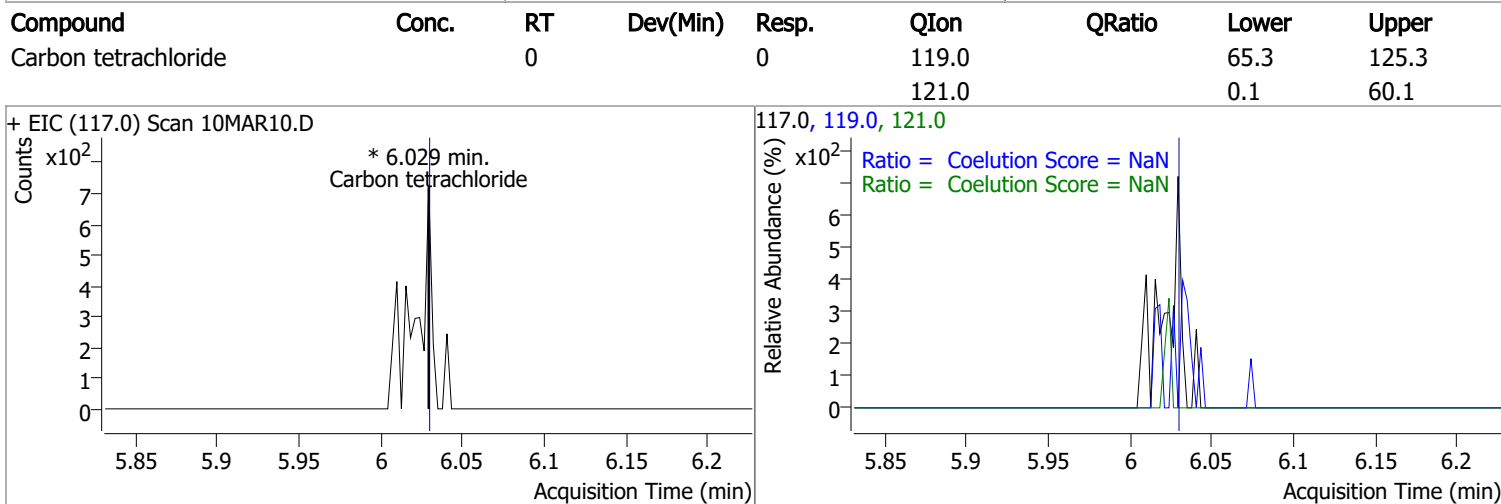
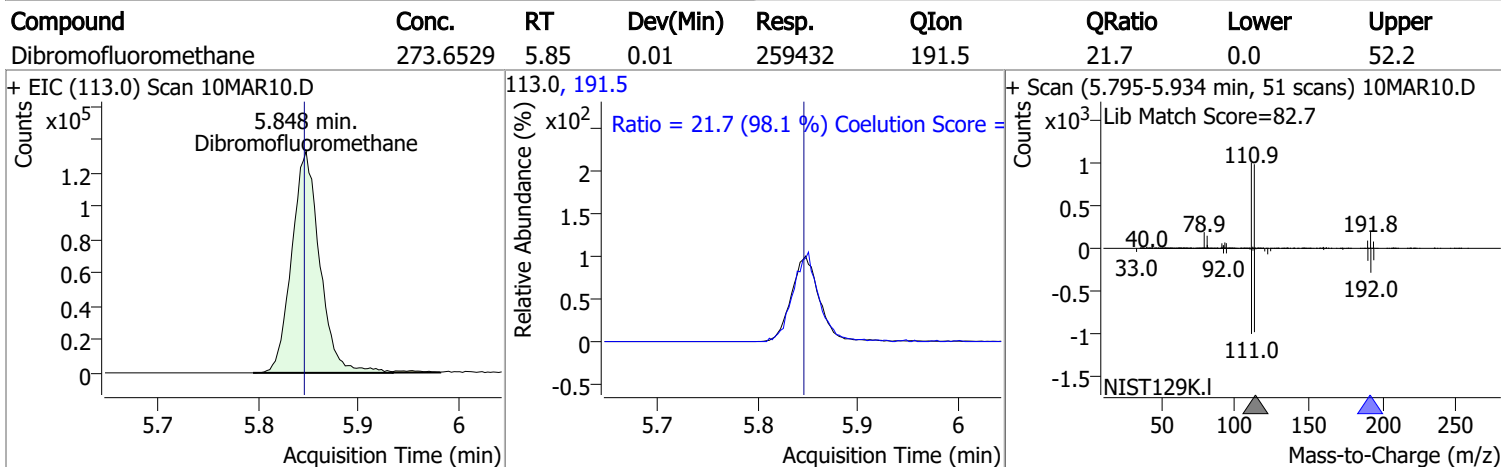
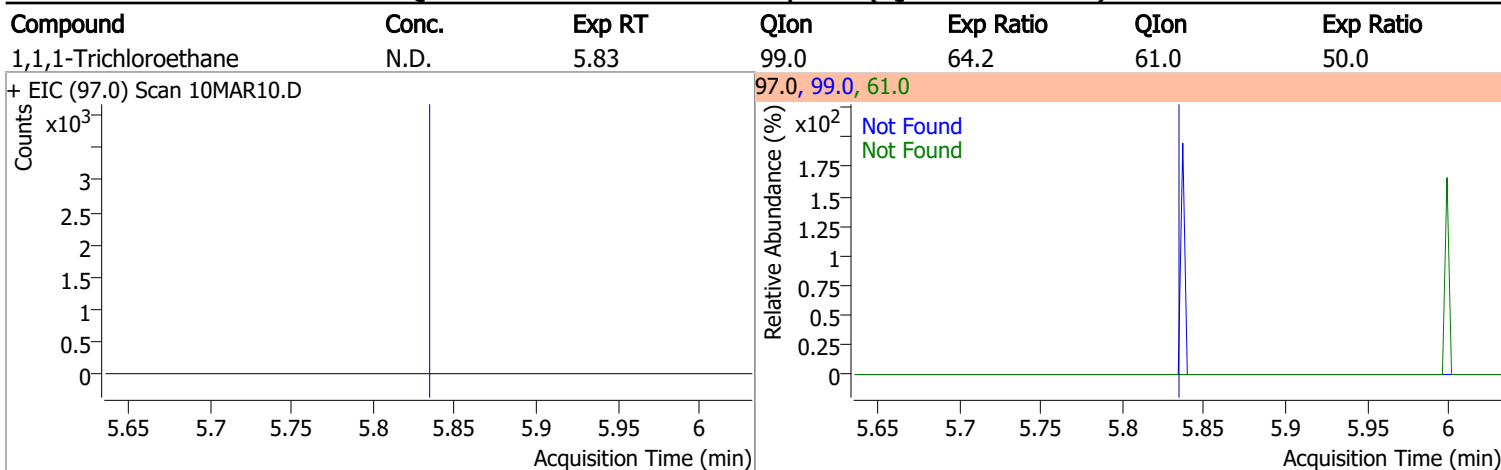
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 10MAR10.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 10MAR10.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 10MAR10.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 10MAR10.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7
+ EIC (96.0) Scan 10MAR10.D			96.0, 61.0, 98.0			
						
Methyl ethyl ketone	N.D.	5.28	72.0	20.3		
+ EIC (43.0) Scan 10MAR10.D			43.0, 72.0			
						
Bromochloromethane	N.D.	5.52	49.0	189.1		
+ EIC (128.0) Scan 10MAR10.D			128.0, 49.0			
						

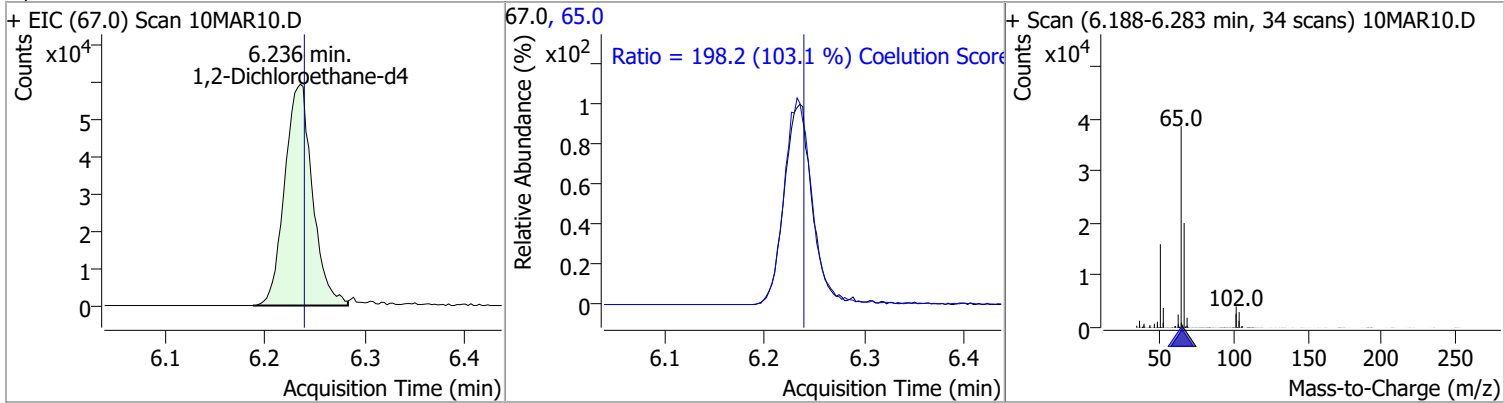
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	3.6519	5.65	0.00	6755	85.0	79.4	34.7	94.7
+ EIC (83.0) Scan 10MAR10.D			83.0, 85.0					
								

# Quantitation Results Report (QT Reviewed)

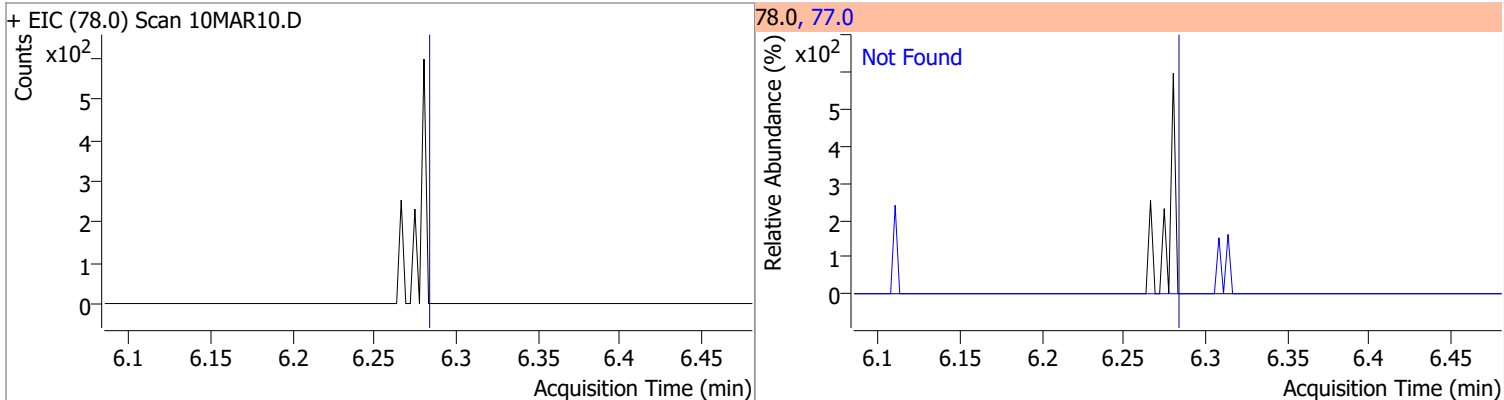


# Quantitation Results Report (QT Reviewed)

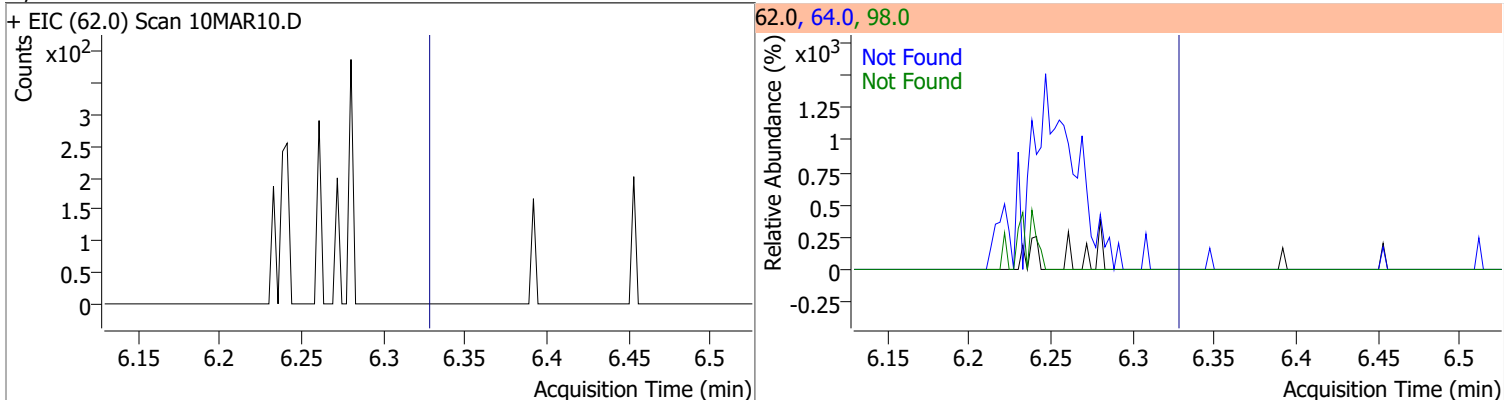
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	270.3719	6.24	0.00	114413	65.0	198.2	162.2	222.2



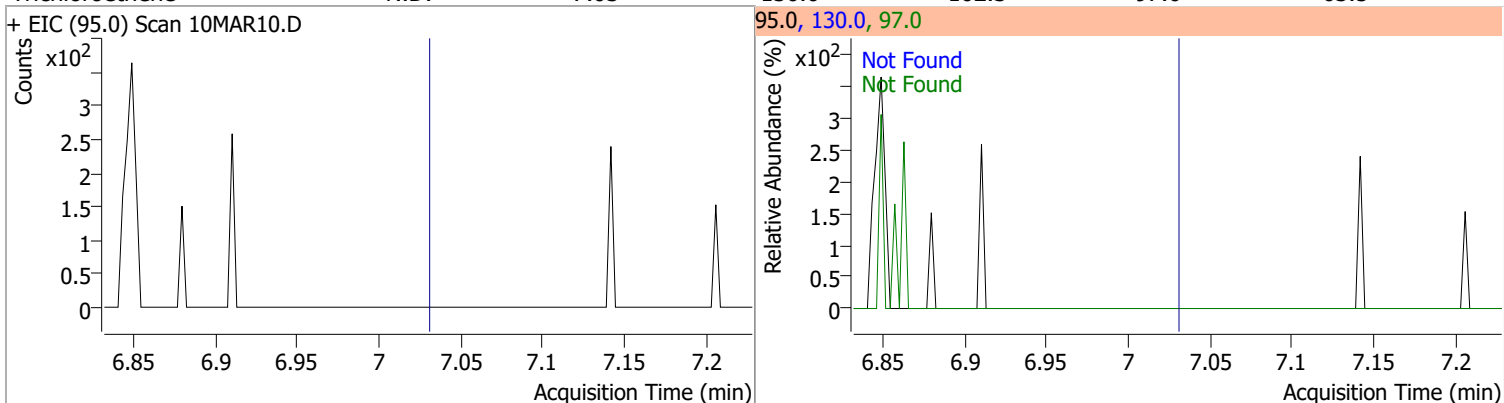
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



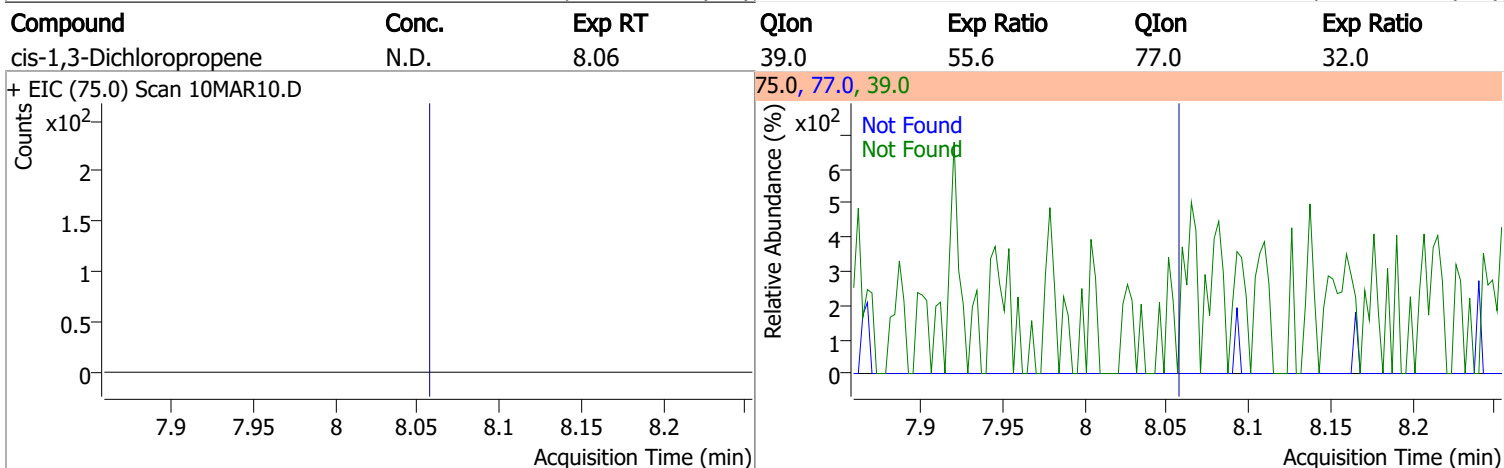
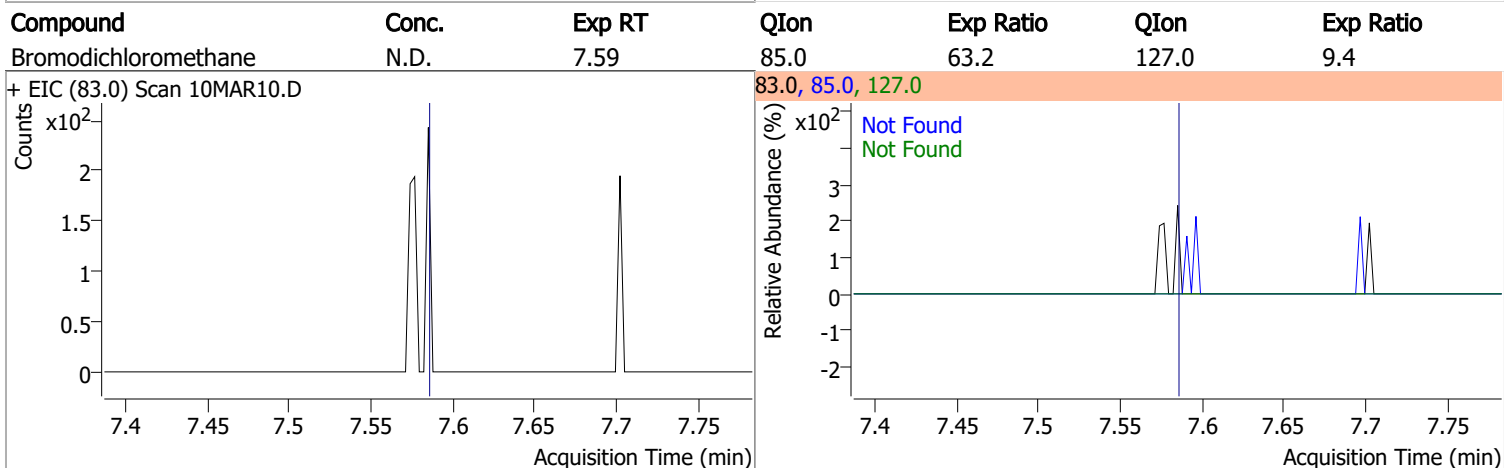
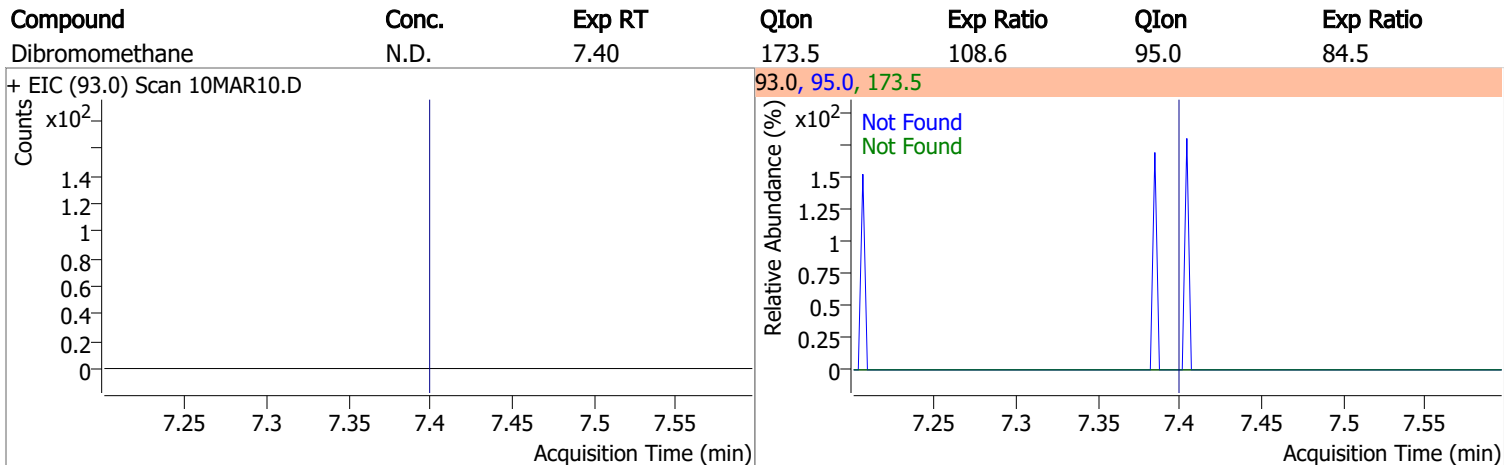
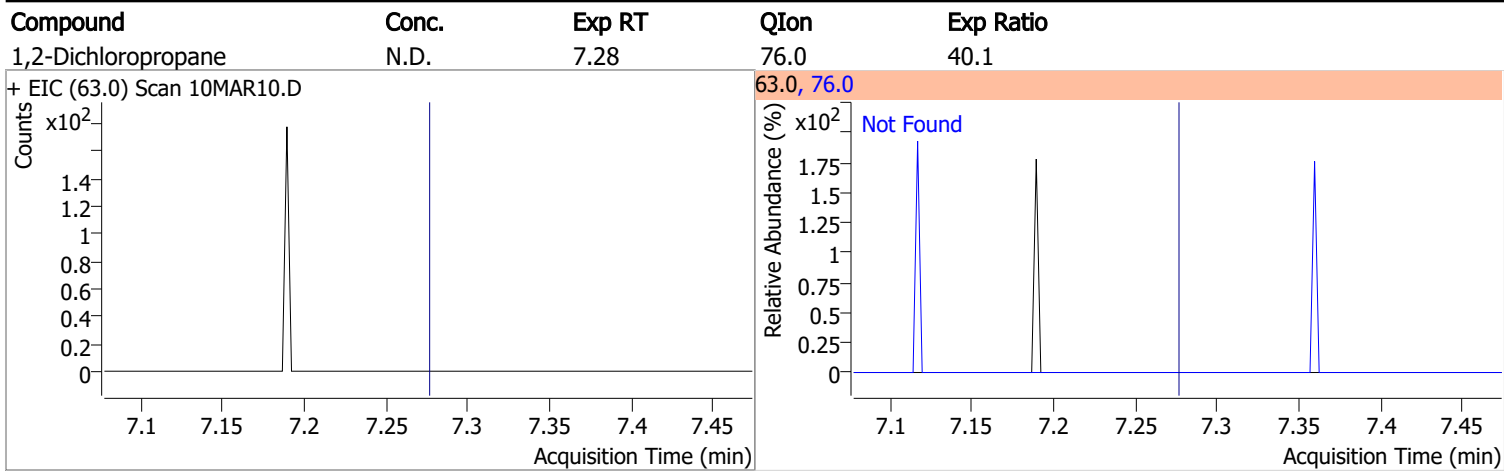
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

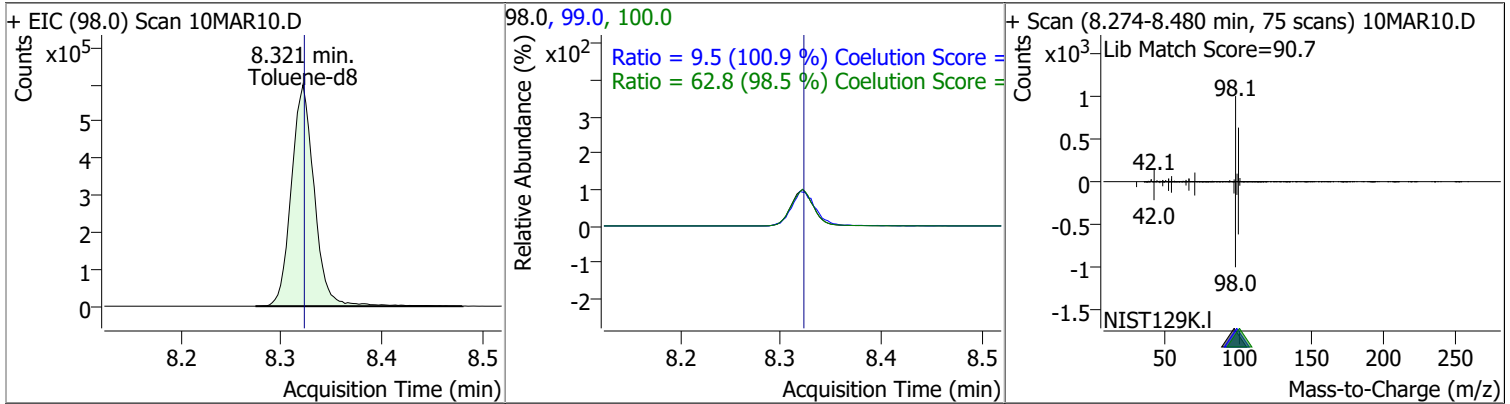


# Quantitation Results Report (QT Reviewed)

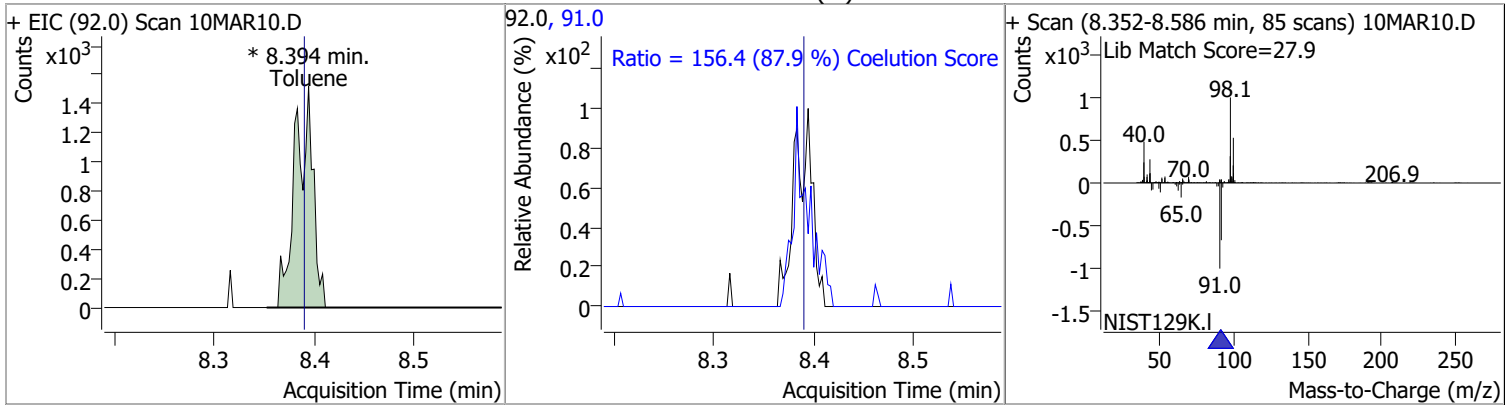


# Quantitation Results Report (QT Reviewed)

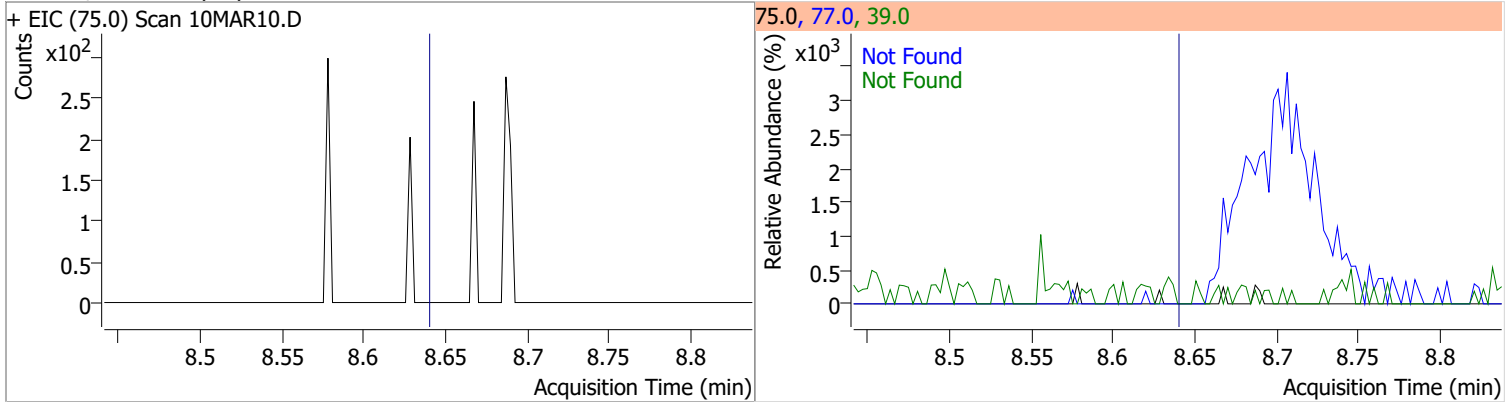
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	239.6160	8.32	0.00	949621	100.0	62.8	33.7	93.7
					99.0	9.5	0.0	39.5



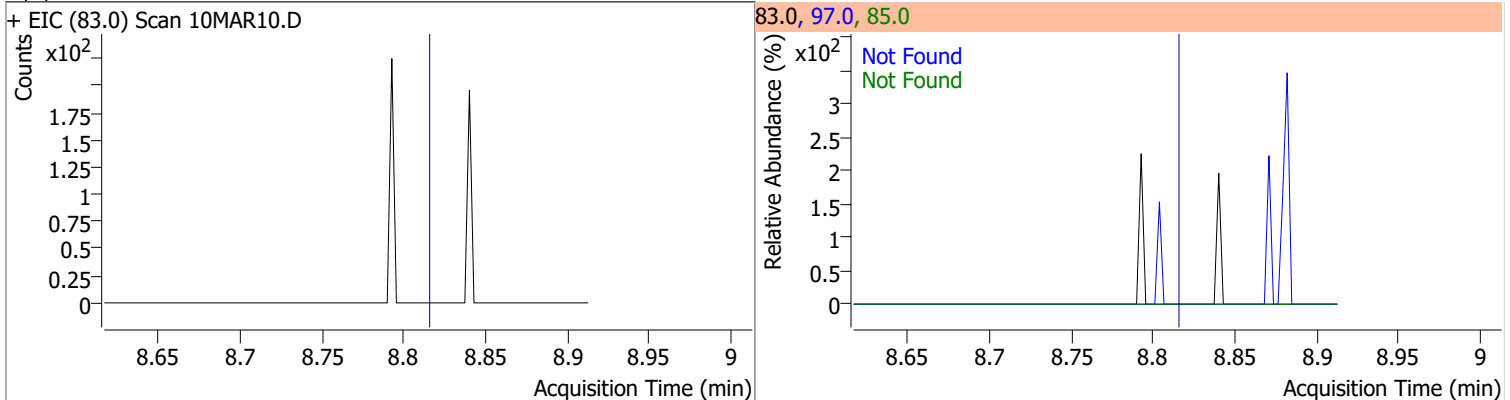
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.7692	8.39	0.01	1887 (m)	91.0	156.4	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

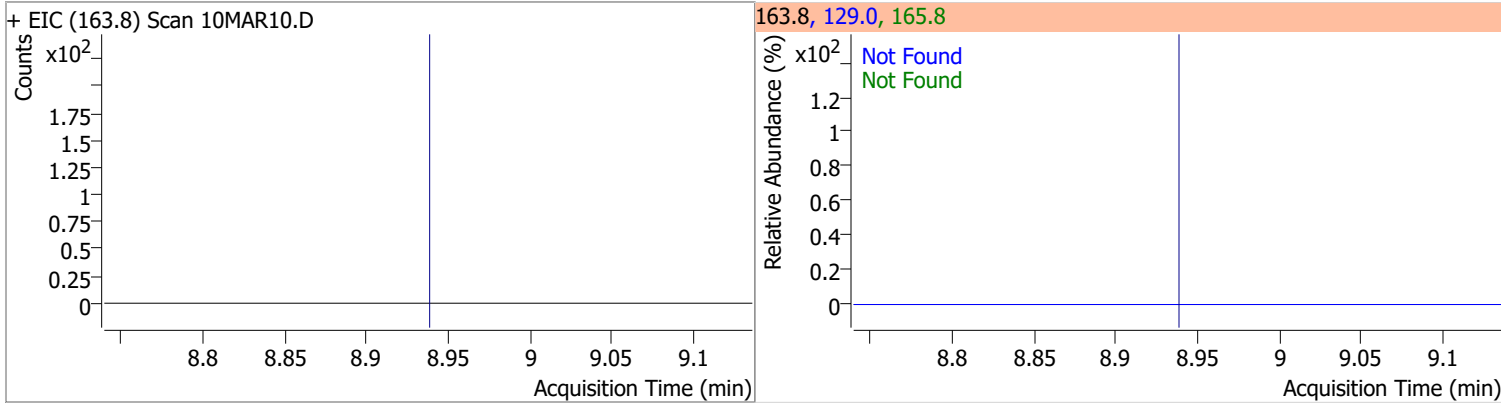


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

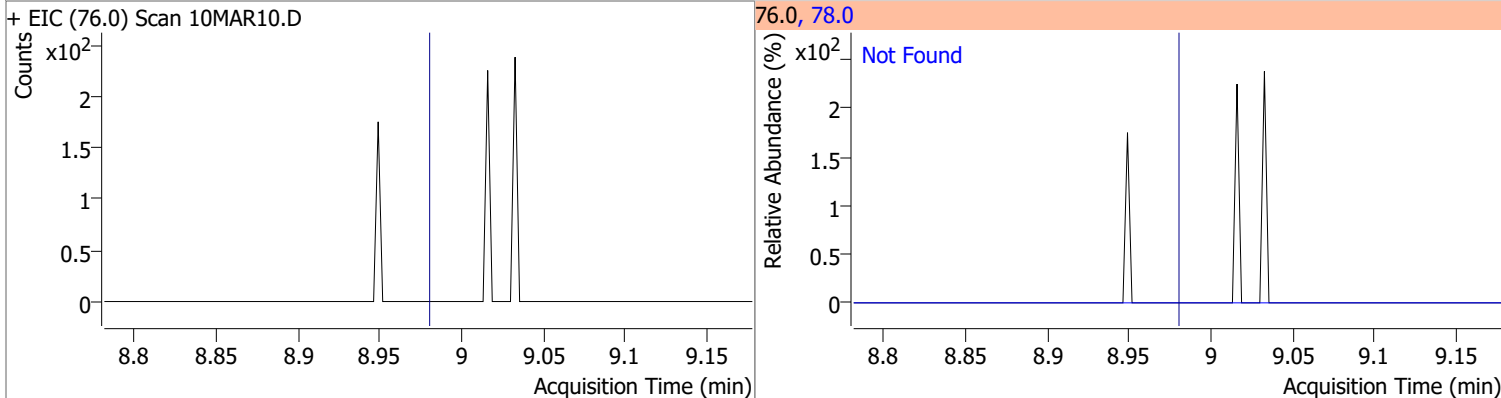


# Quantitation Results Report (QT Reviewed)

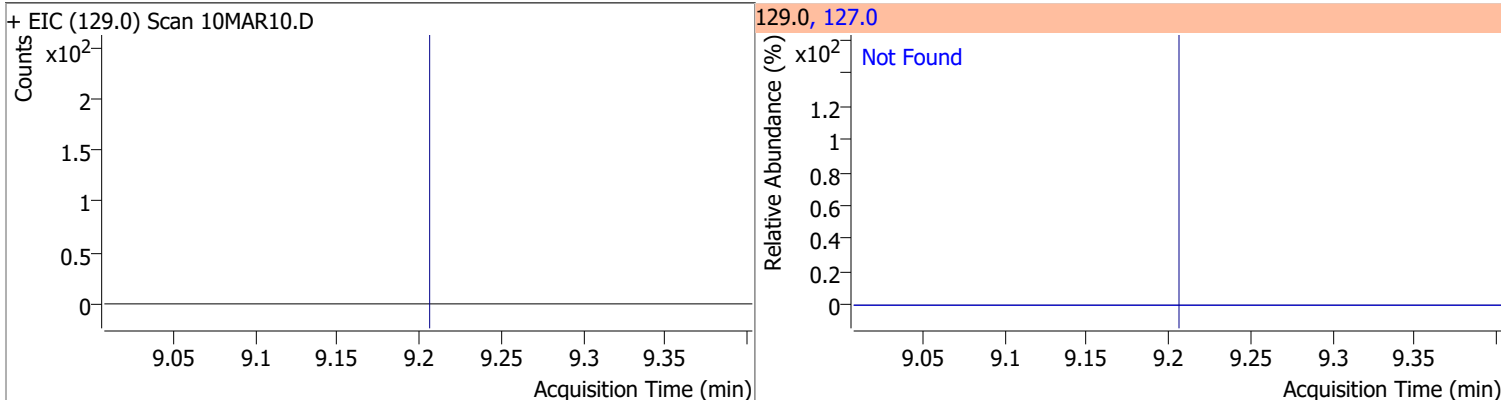
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



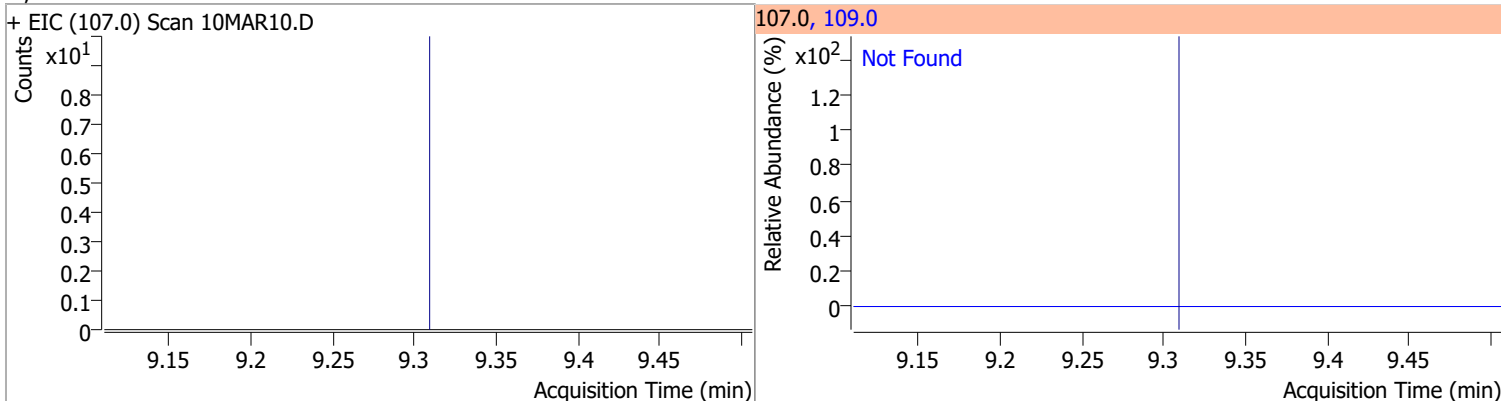
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1

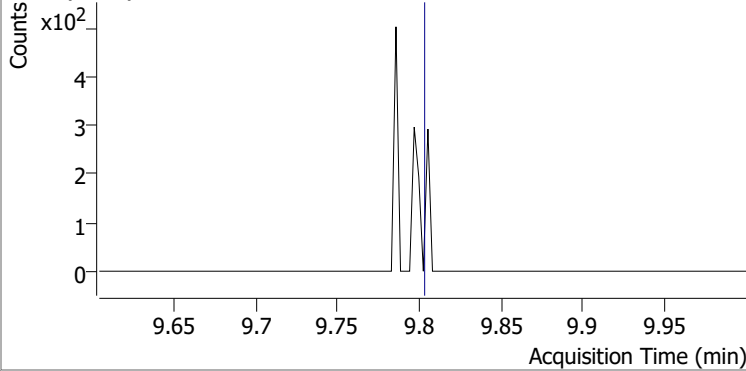
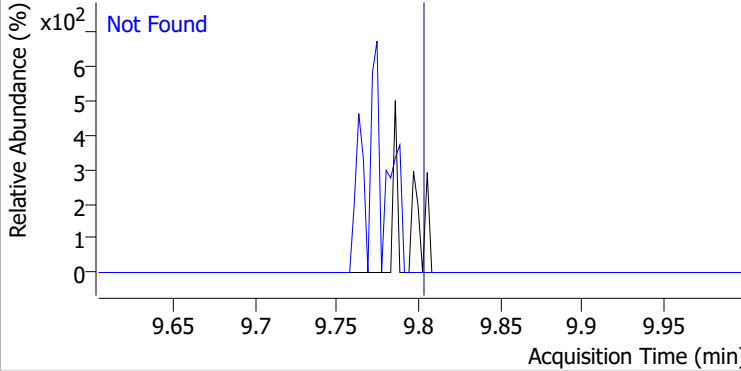
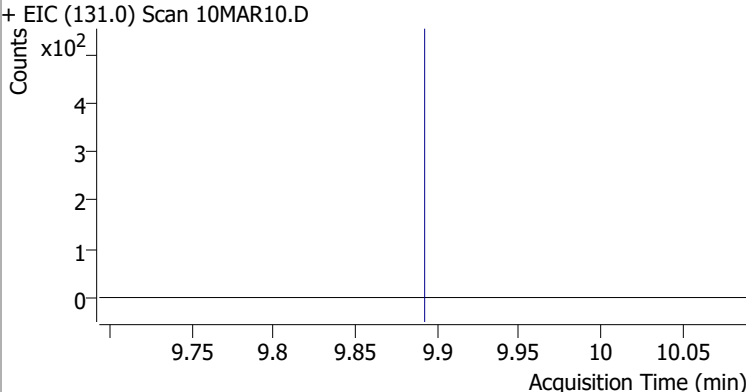
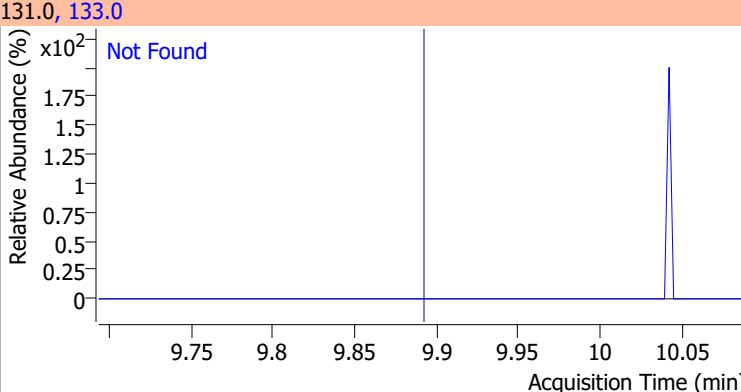
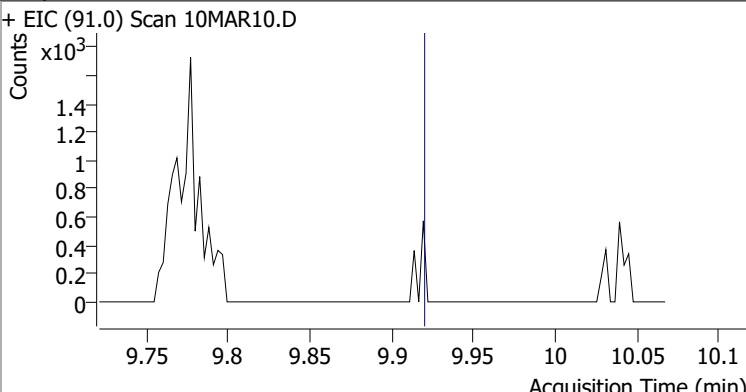
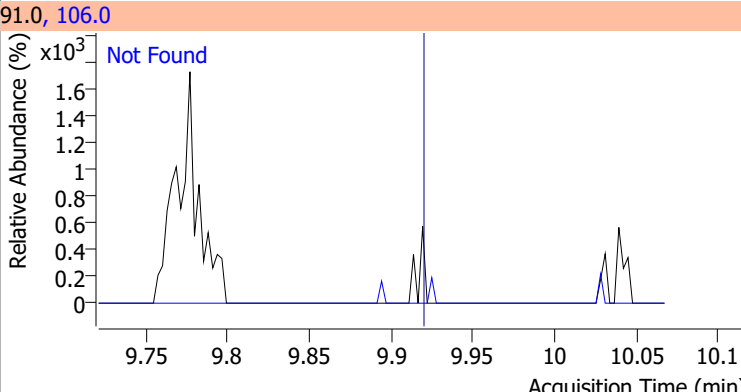
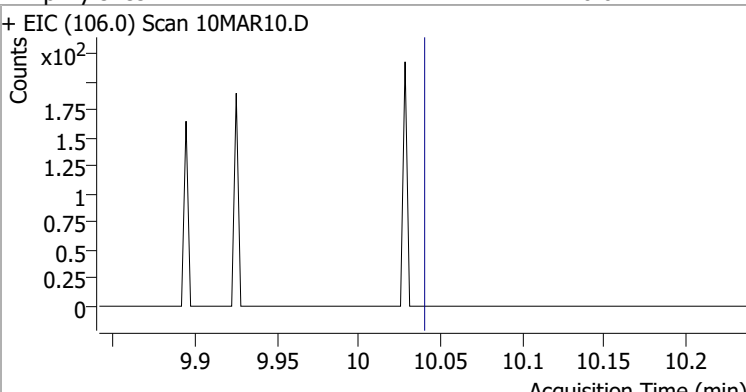
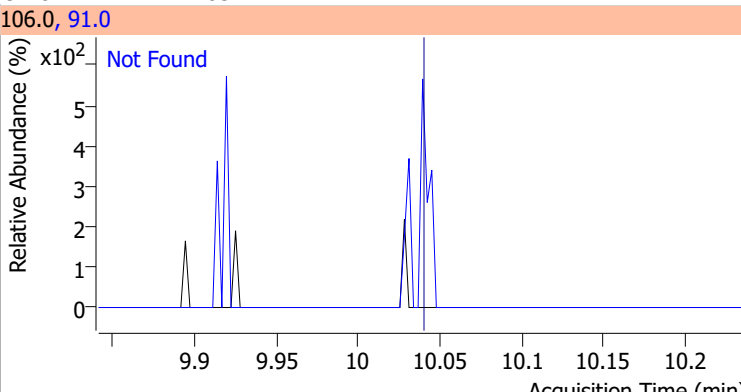


Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4

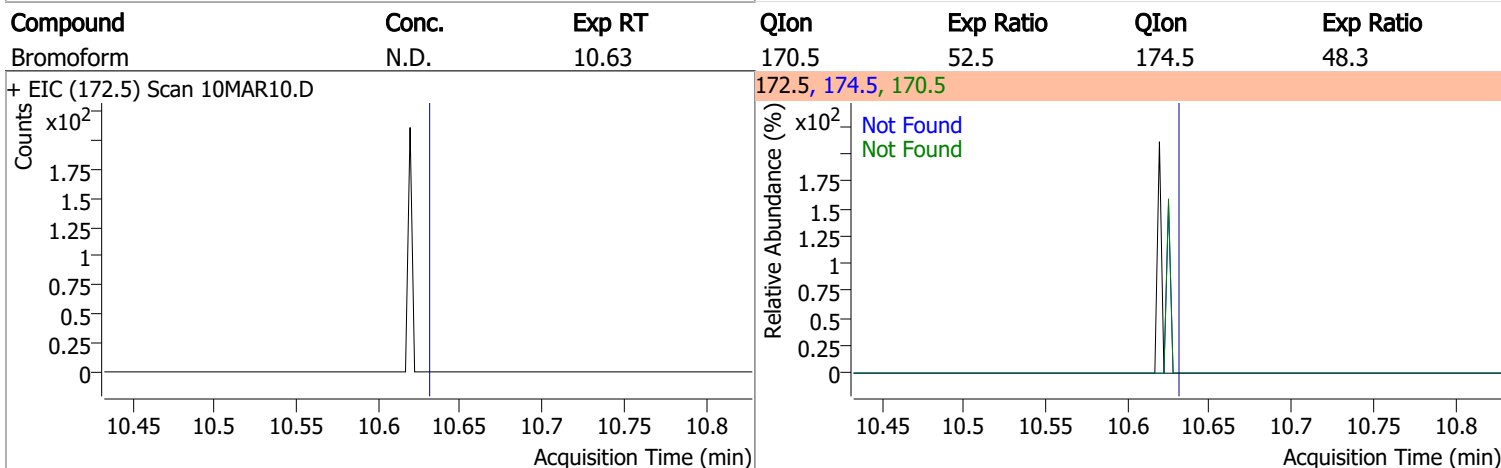
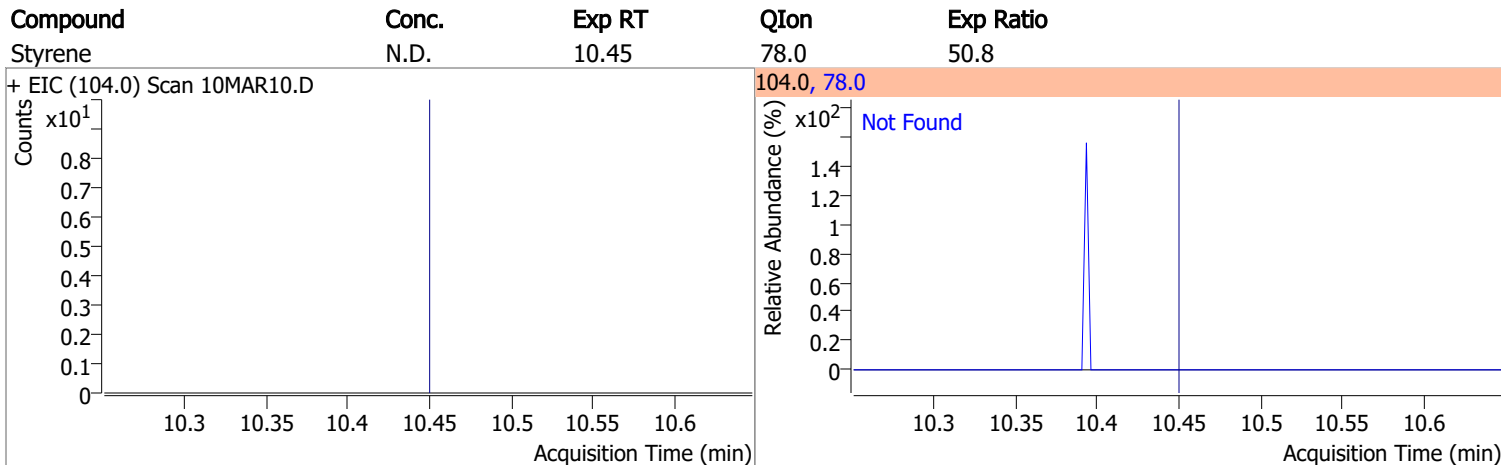
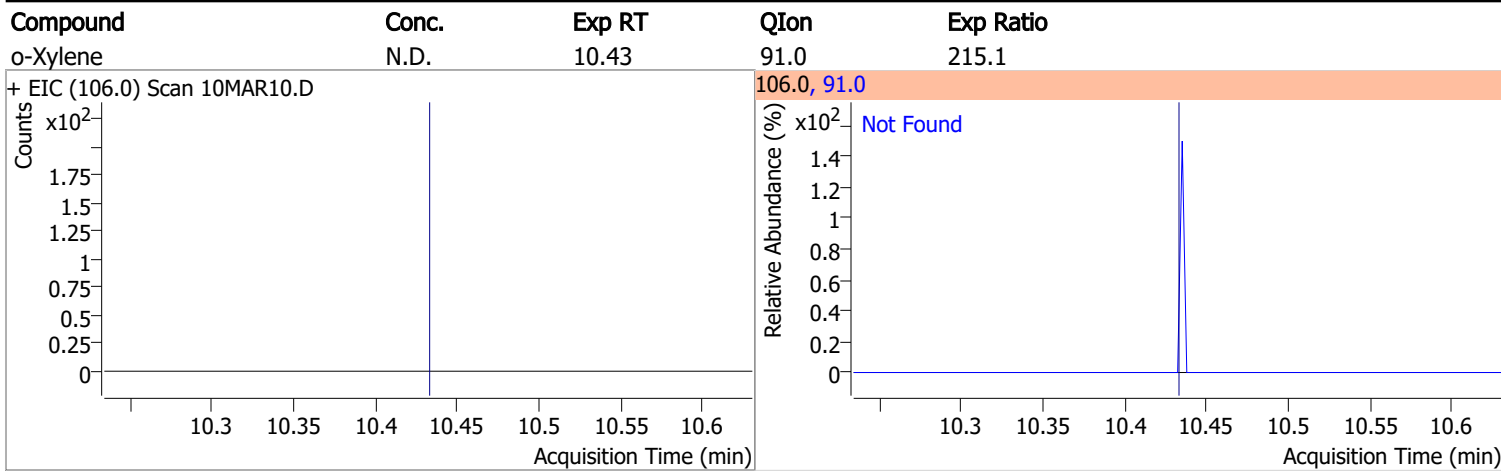




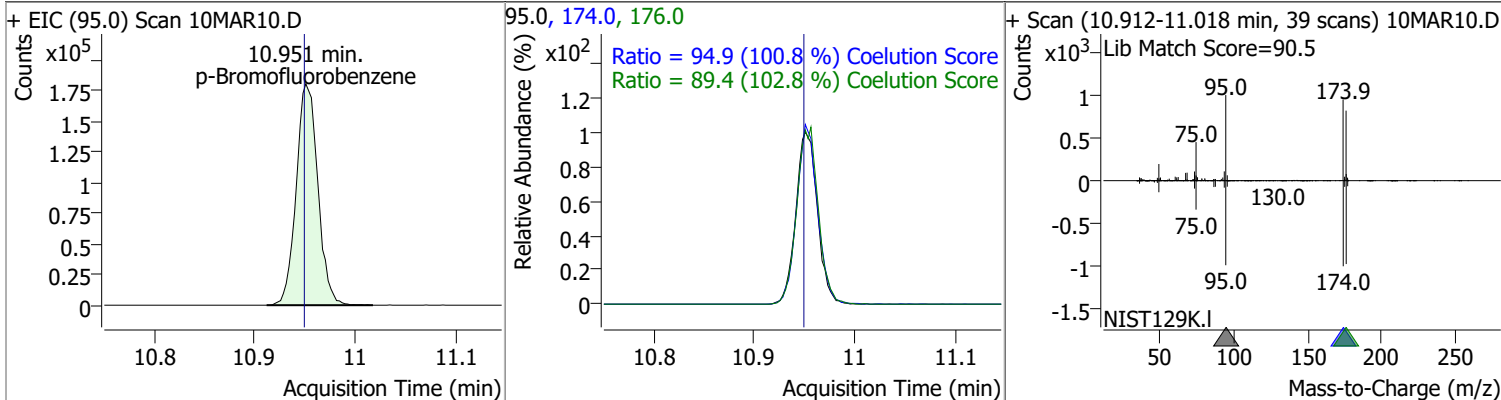
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR10.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR10.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR10.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR10.D			106.0, 91.0	
				

# Quantitation Results Report (QT Reviewed)



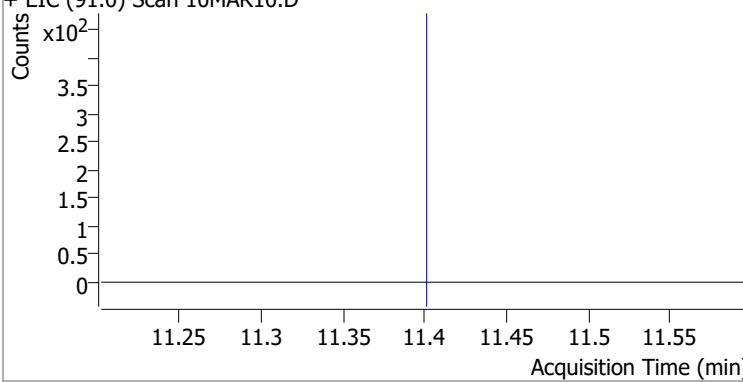
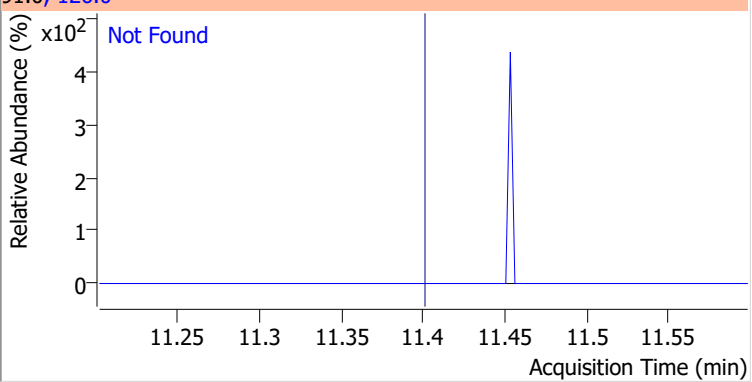
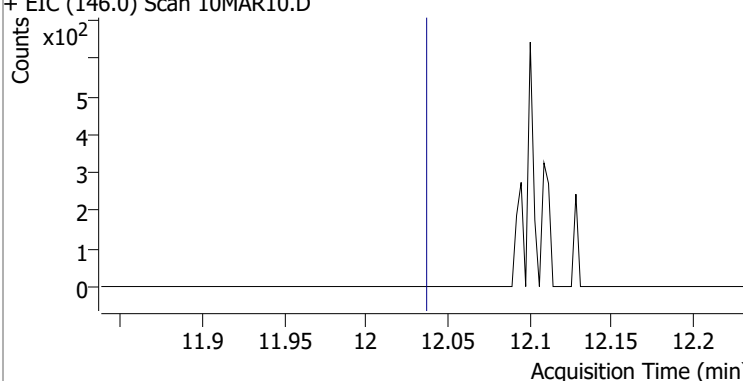
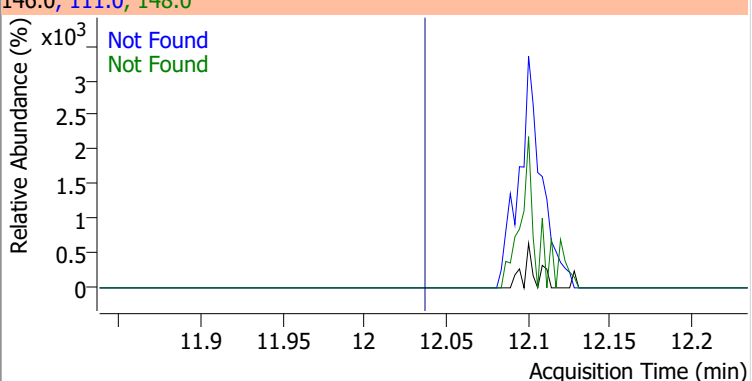
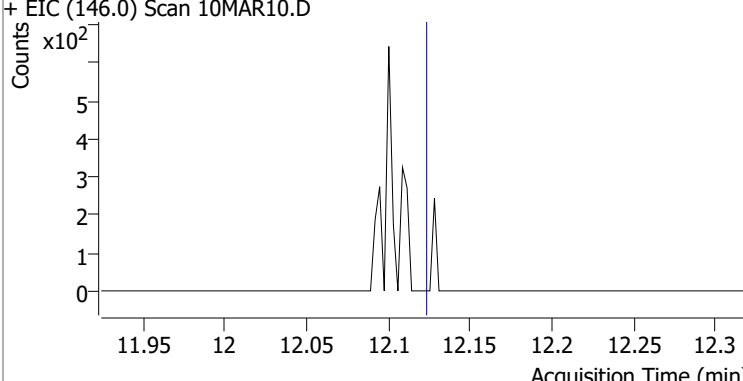
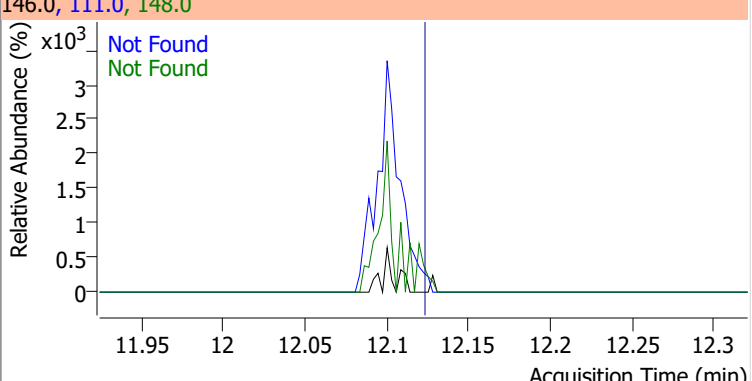
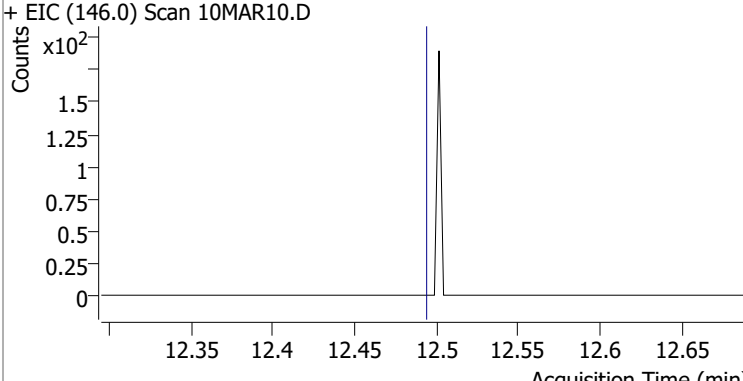
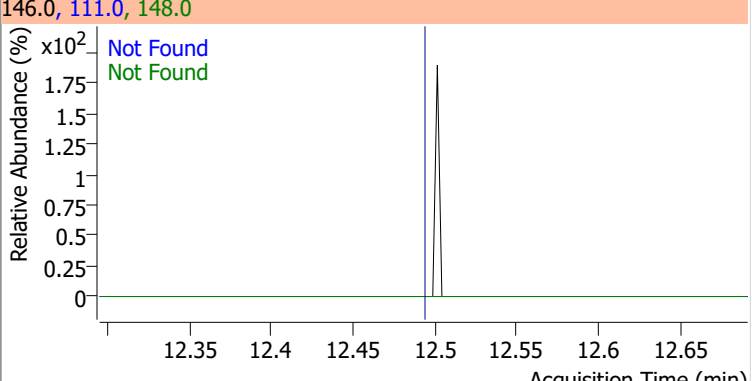
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	269.2108	10.95	0.00	269487	174.0	94.9	64.2	124.2
					176.0	89.4	56.9	116.9



# Quantitation Results Report (QT Reviewed)

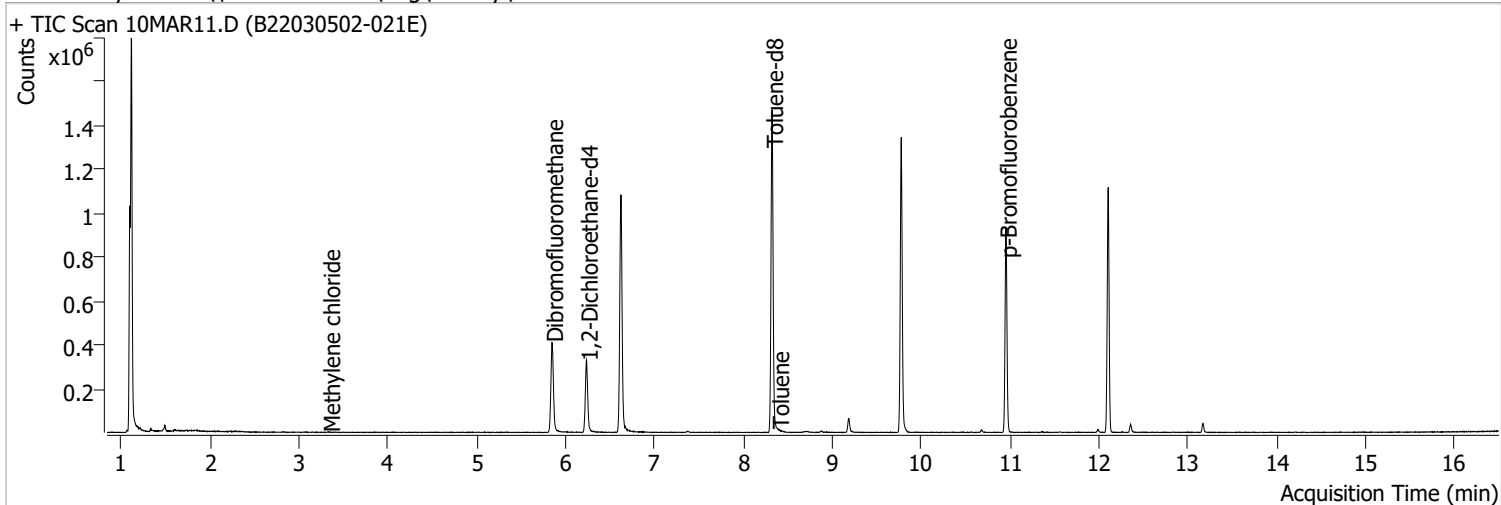
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR10.D ***NO DATA POINTS***			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR10.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR10.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR10.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR10.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR10.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR10.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR10.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR11.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 4:39:40 PM
Sample Name	B22030502-021E	Instrument	VOA5975C
Vial	11	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



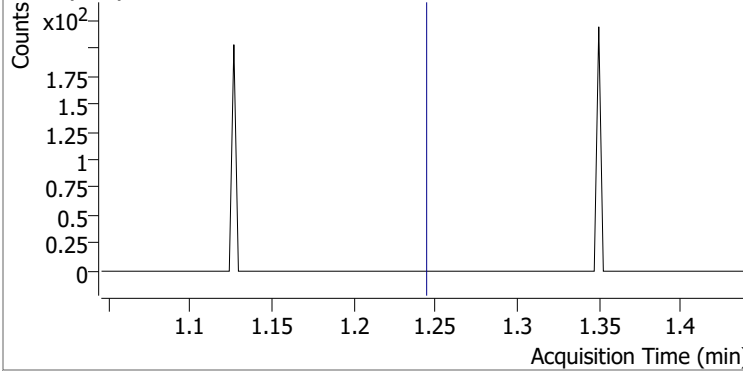
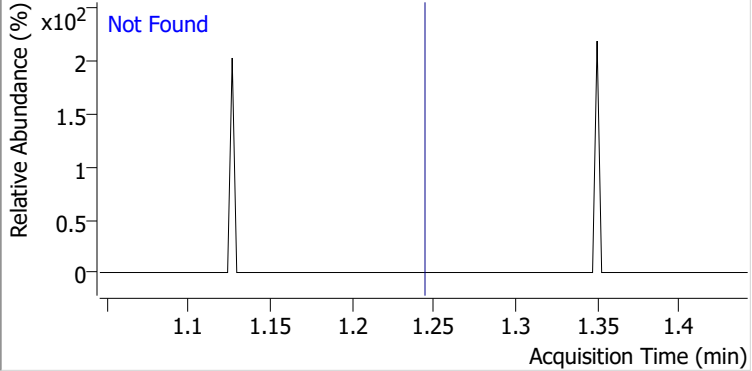
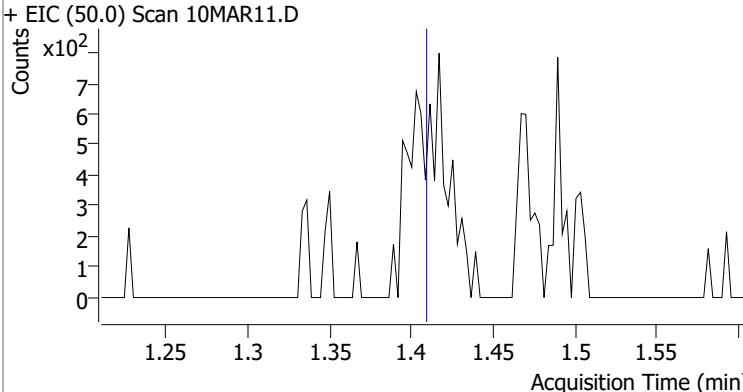
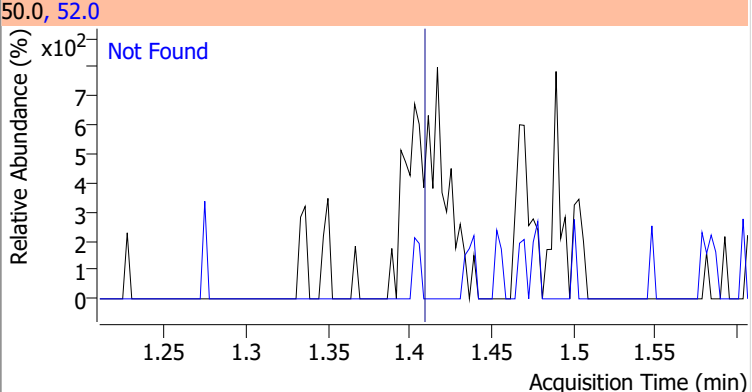
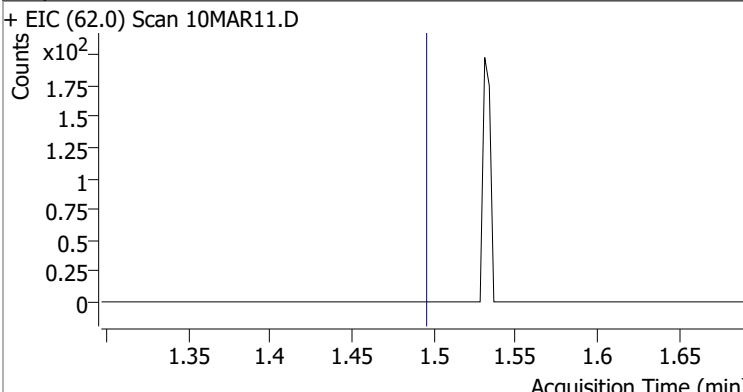
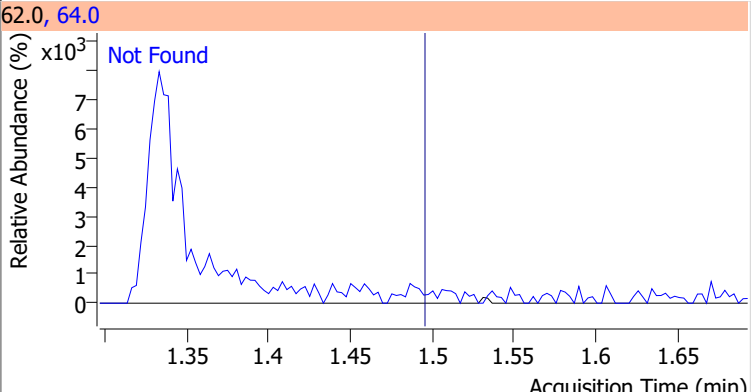
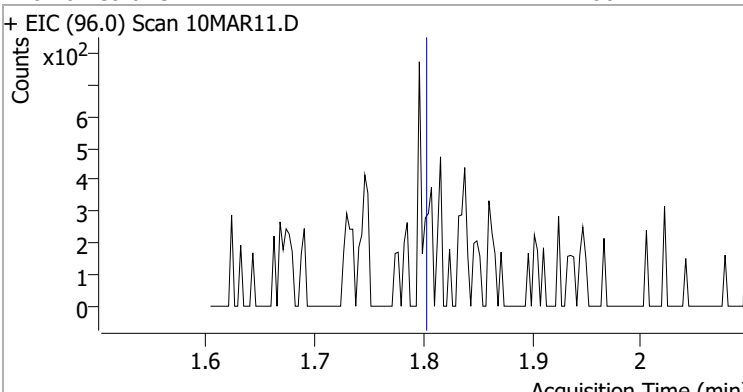
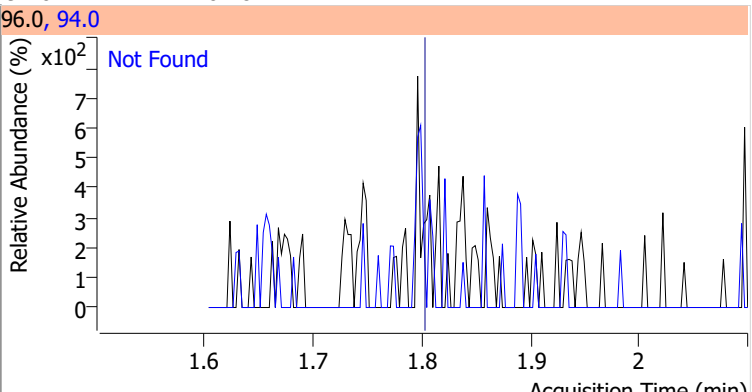
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	906651	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	357134	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	263418	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	243543	264.3667	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 105.75%		
S 1,2-Dichloroethane-d4	6.236	67.0	114848	279.2956	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 111.72%		
S Toluene-d8	8.321	98.0	905125	237.7317	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.09%		
S p-Bromofluorobenzene	10.951	95.0	256215	263.7839	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.51%		
<b>Target Compounds</b>						
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	1049	0.7510	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.		

# Quantitation Results Report (QT Reviewed)

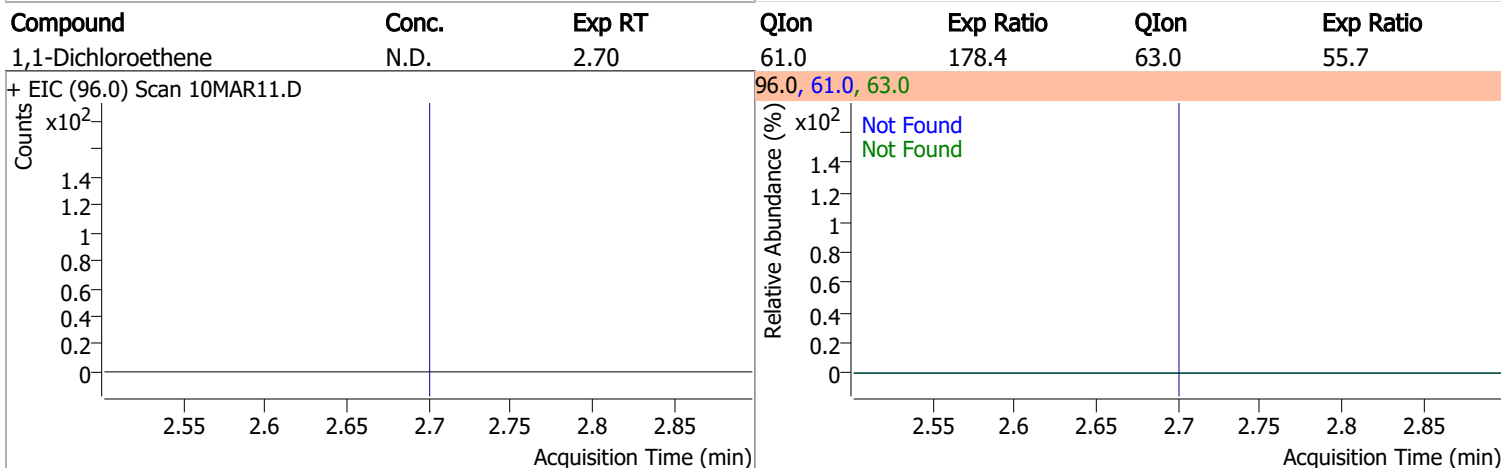
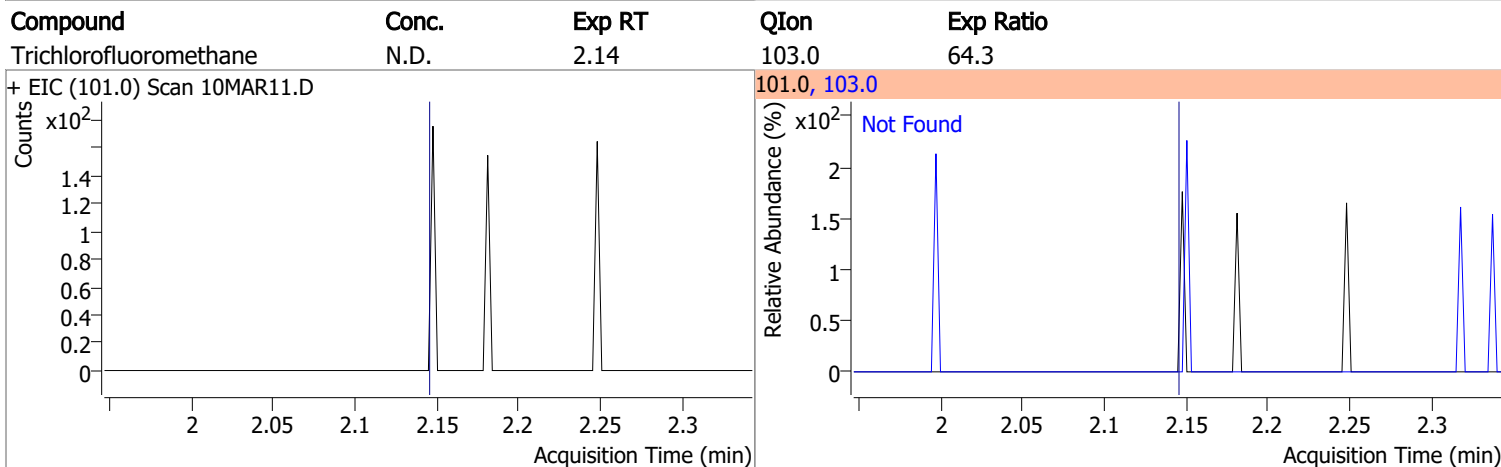
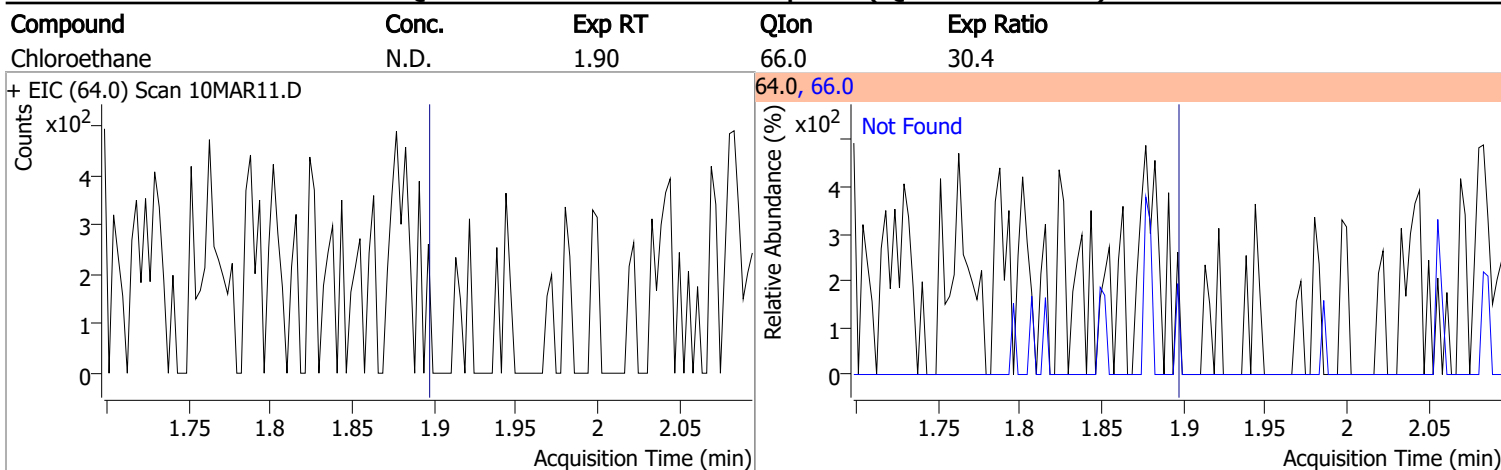
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.			
T Carbon tetrachloride	0.000		0	N.D.			
T 1,1-Dichloropropene	0.000		0	N.D.			
T Benzene	0.000		0	N.D.			
T 1,2-Dichloroethane	0.000		0	N.D.			
T Trichloroethene	0.000		0	N.D.			
T 1,2-Dichloropropane	0.000		0	N.D.			
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	924	0.3920	ng	m	81
T trans-1,3-Dichloropropene	0.000		0	N.D.			
T 1,1,2-Trichloroethane	0.000		0	N.D.			
T Tetrachloroethene	0.000		0	N.D.			
T 1,3-Dichloropropane	0.000		0	N.D.			
T Chlorodibromomethane	0.000		0	N.D.			
T 1,2-Dibromoethane	0.000		0	N.D.			
T Chlorobenzene	0.000		0	N.D.			
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.			
T Ethylbenzene	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	10.446	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	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

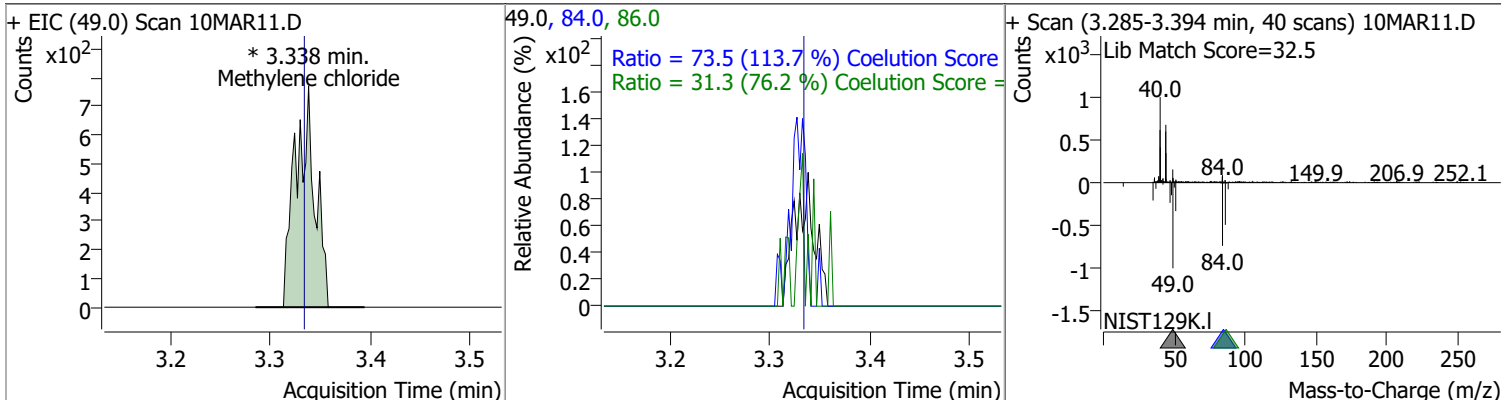
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5
+ EIC (85.0) Scan 10MAR11.D			85.0, 87.0	
				
Chloromethane	N.D.	1.41	52.0	33.0
+ EIC (50.0) Scan 10MAR11.D			50.0, 52.0	
				
Vinyl chloride	N.D.	1.49	64.0	30.6
+ EIC (62.0) Scan 10MAR11.D			62.0, 64.0	
				
Bromomethane	N.D.	1.80	94.0	104.8
+ EIC (96.0) Scan 10MAR11.D			96.0, 94.0	
				

# Quantitation Results Report (QT Reviewed)



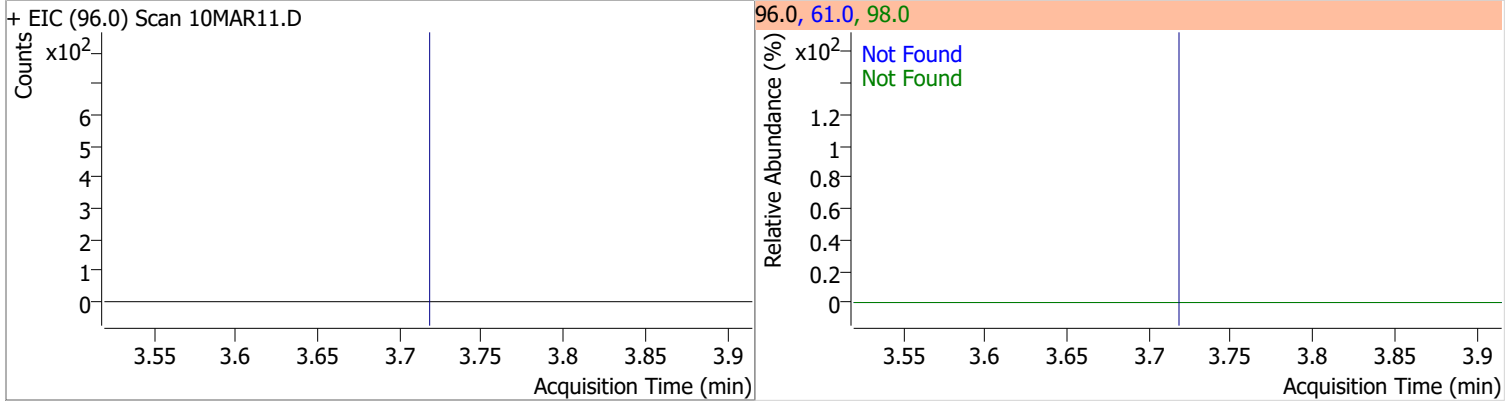
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.7510	3.34	0.01	1049 (m)	84.0	73.5	34.7	94.7
					86.0	31.3	11.1	71.1



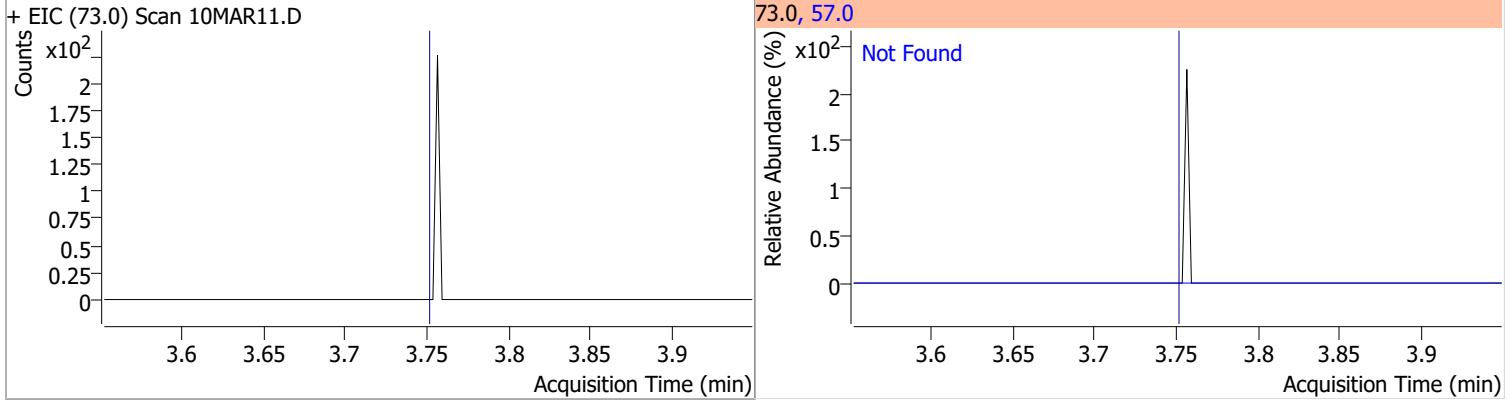


# Quantitation Results Report (QT Reviewed)

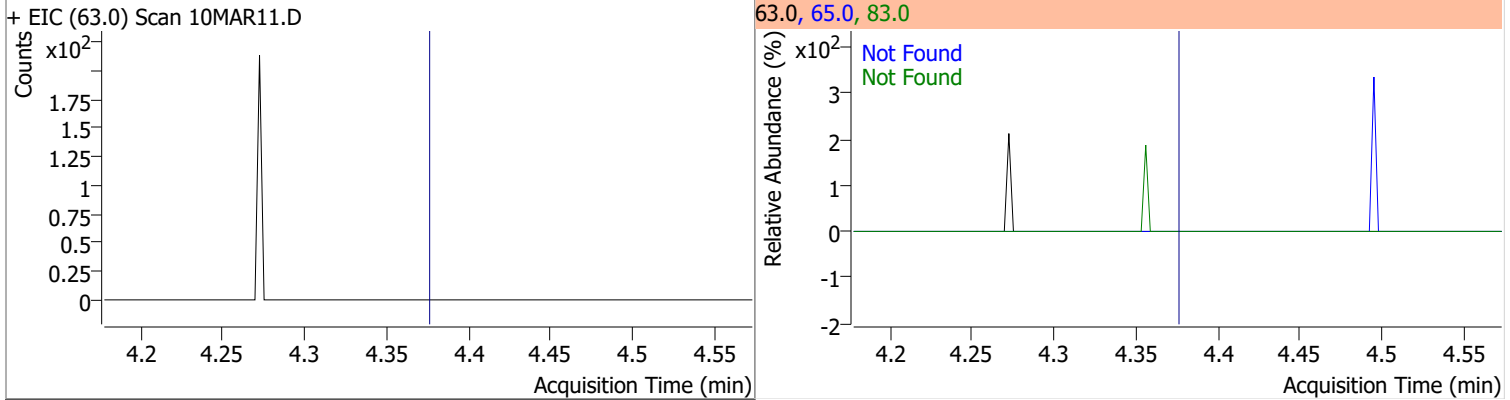
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9



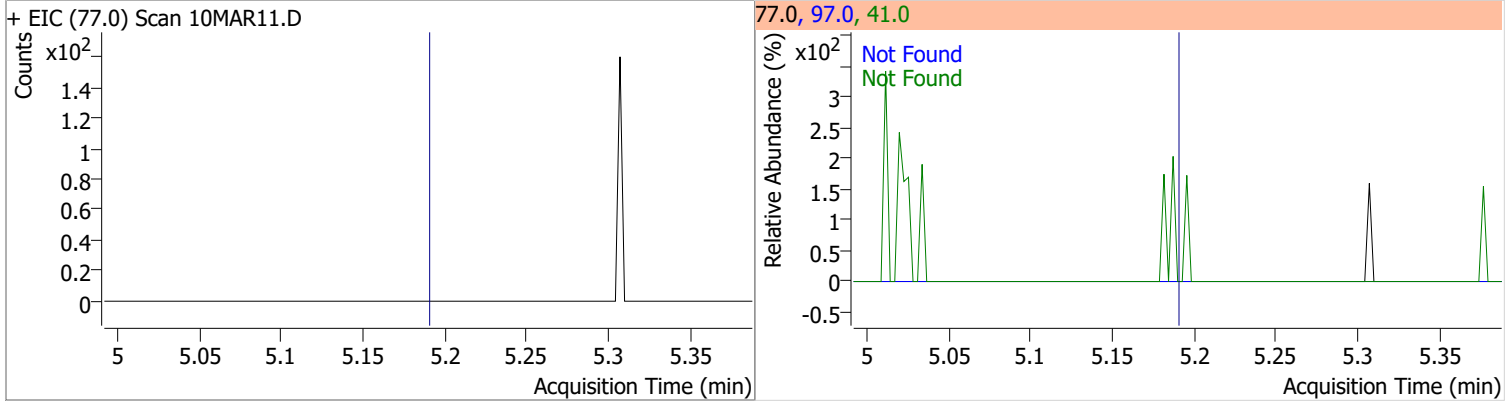
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9

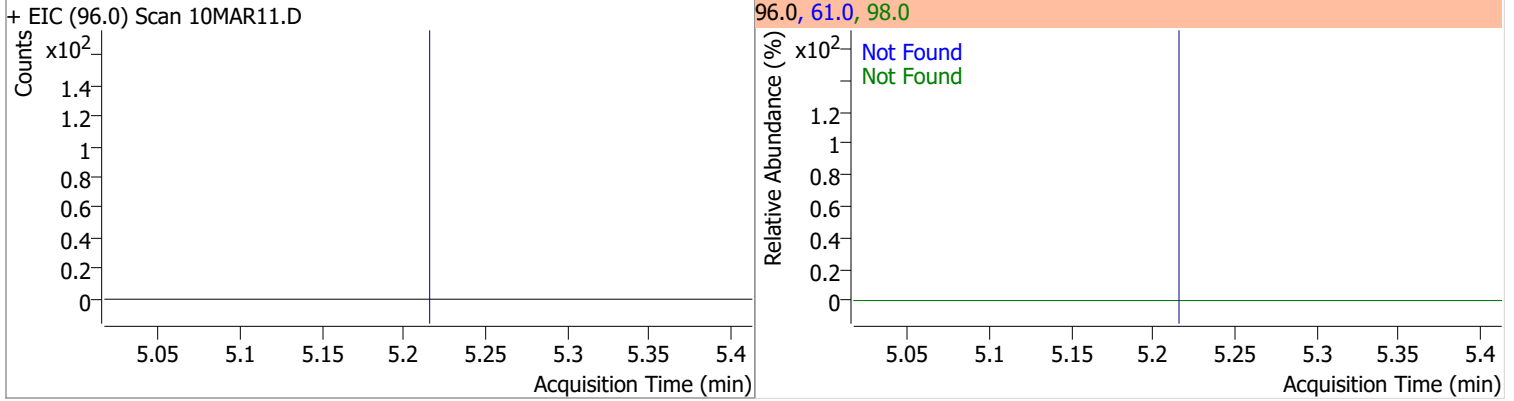


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4

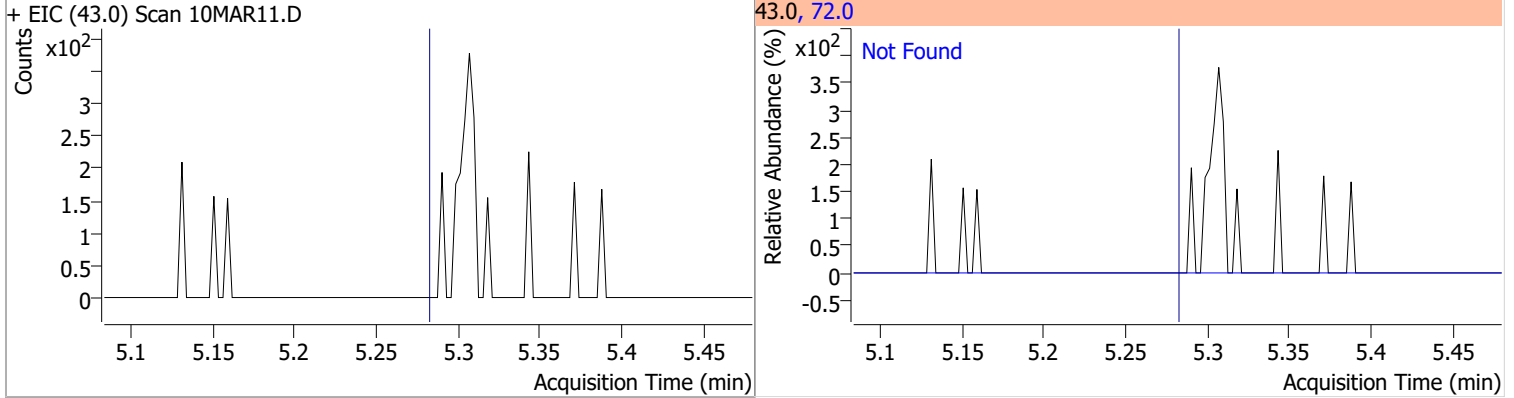


# Quantitation Results Report (QT Reviewed)

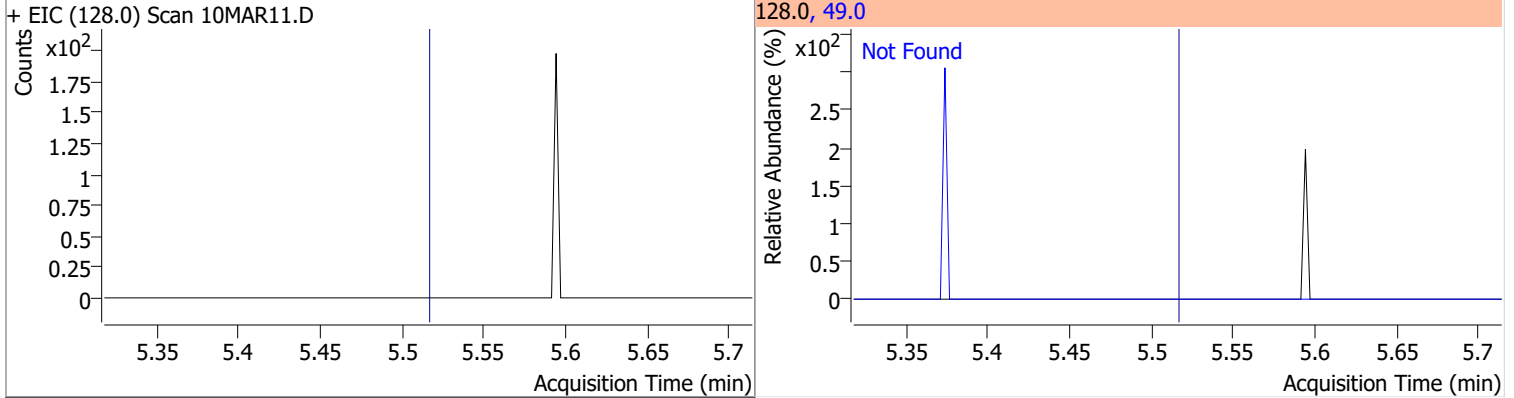
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



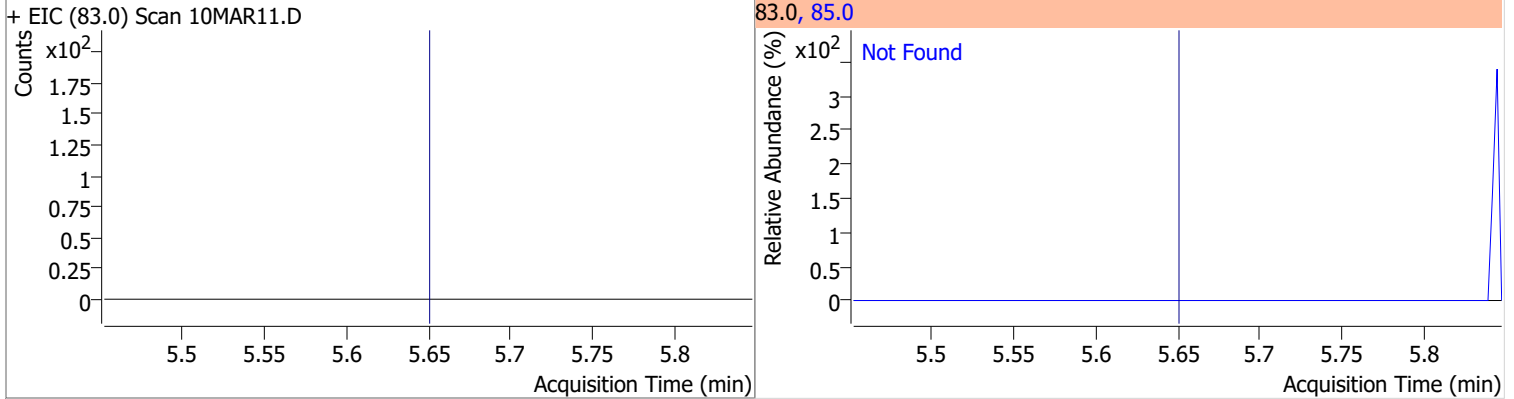
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



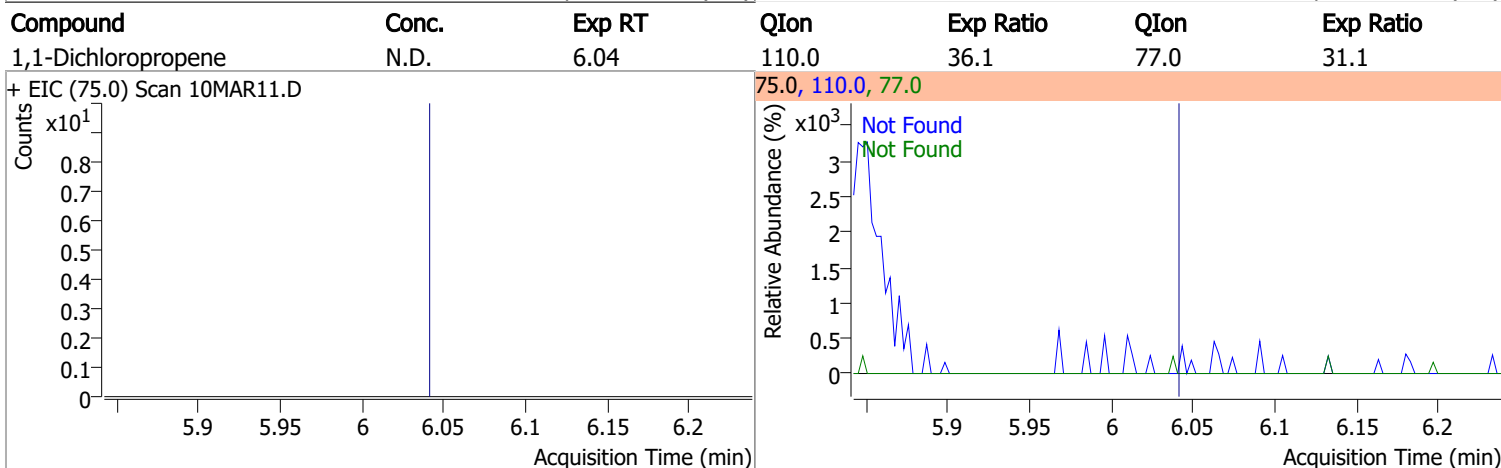
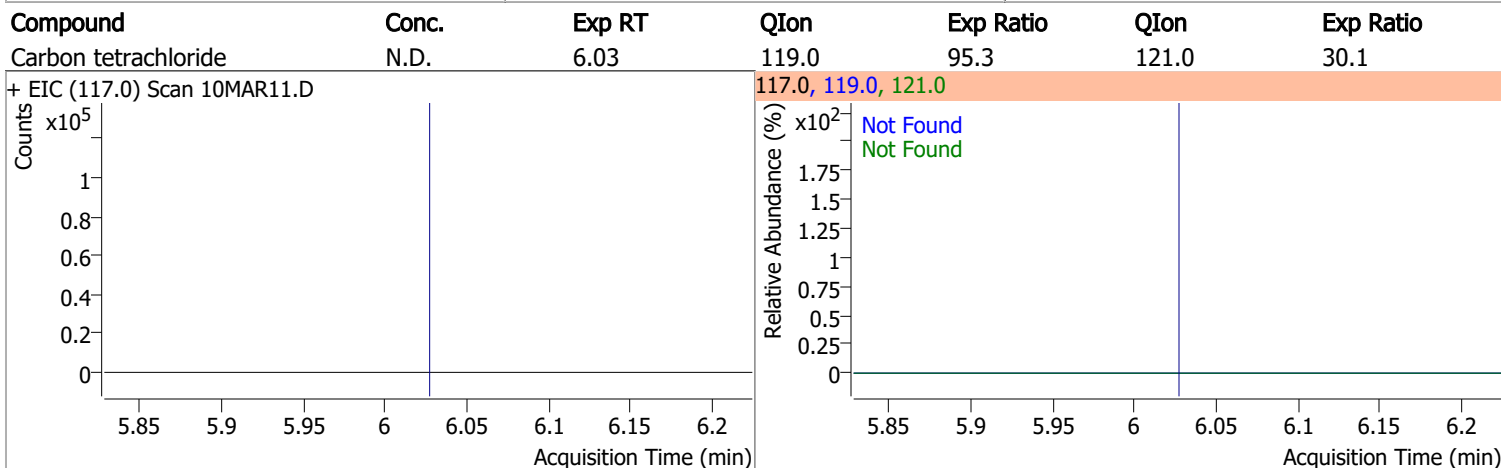
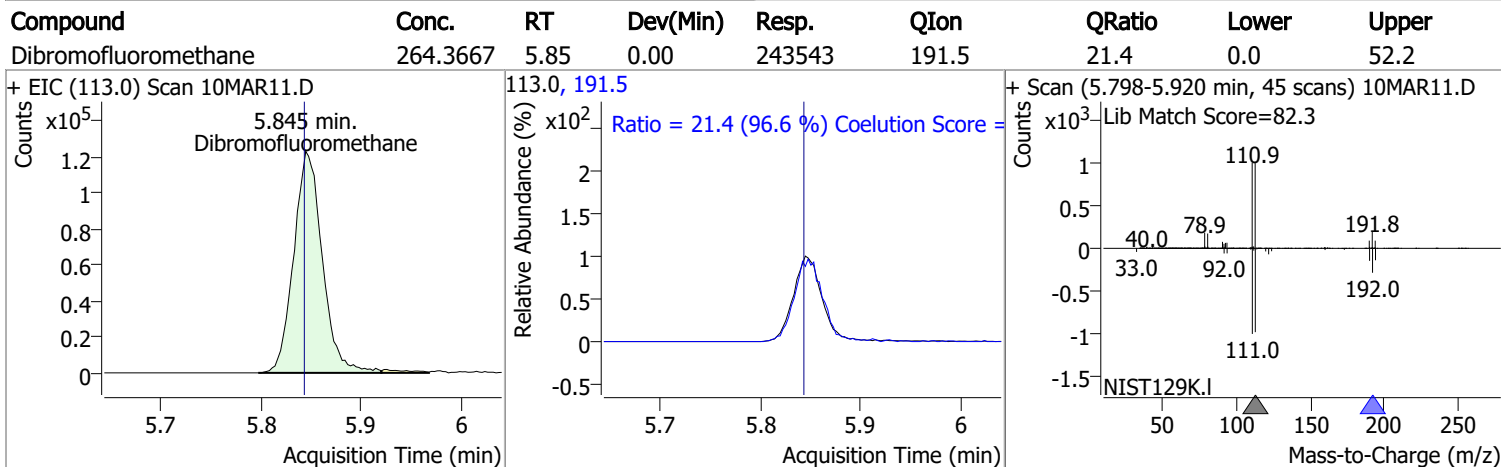
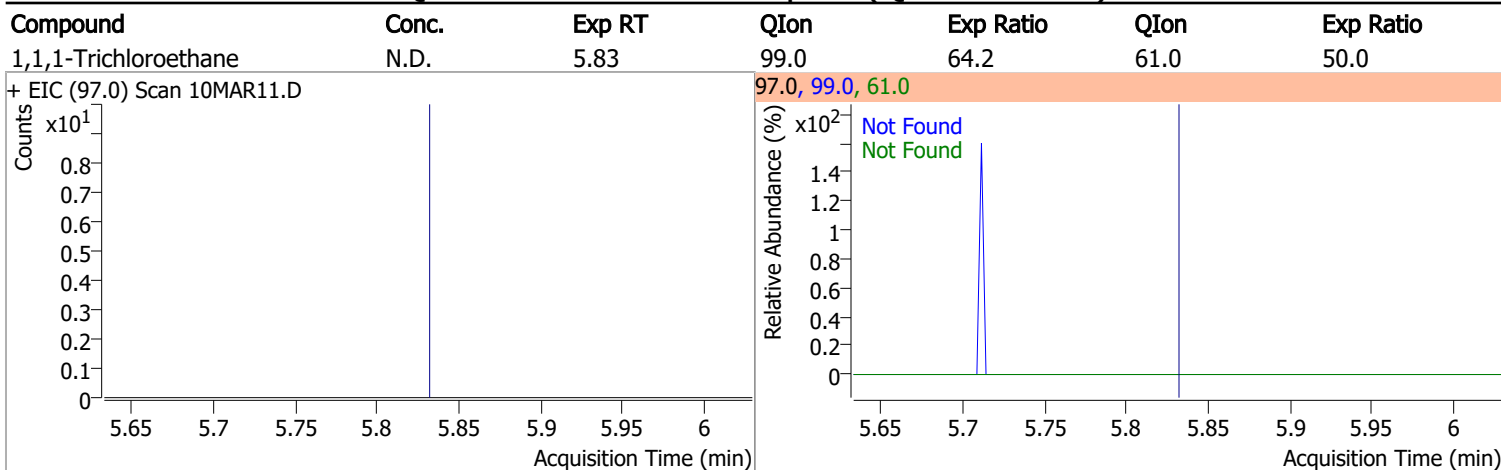
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



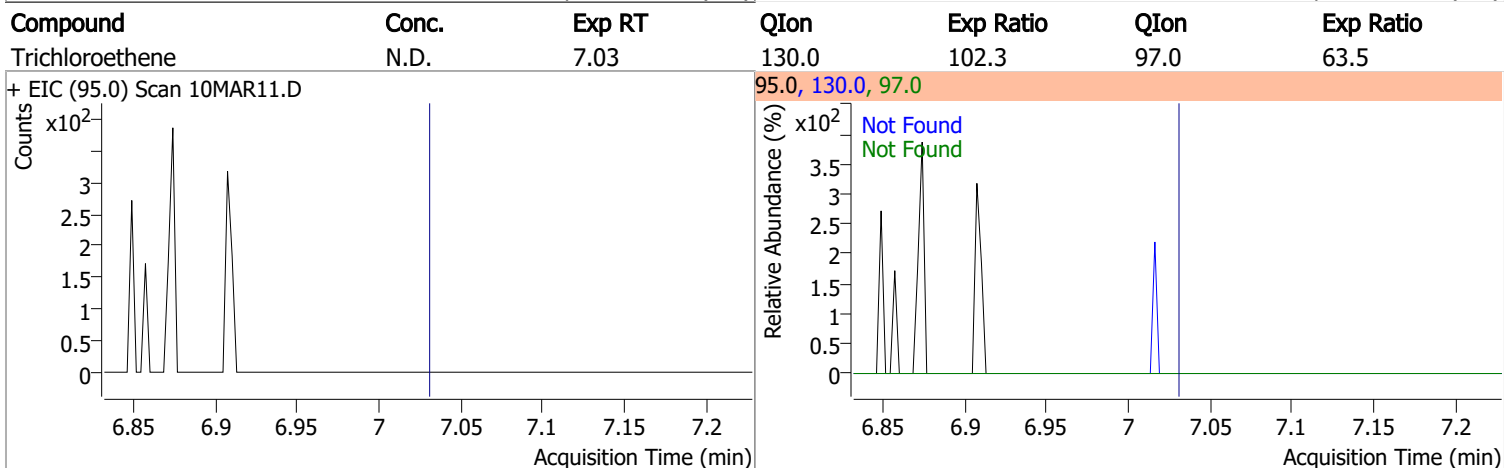
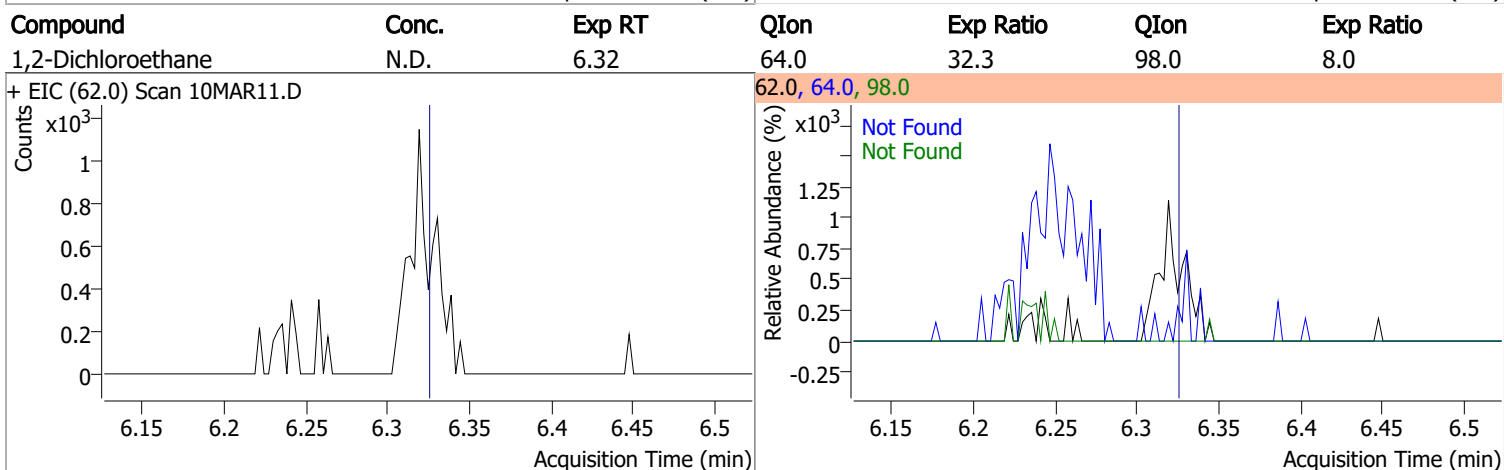
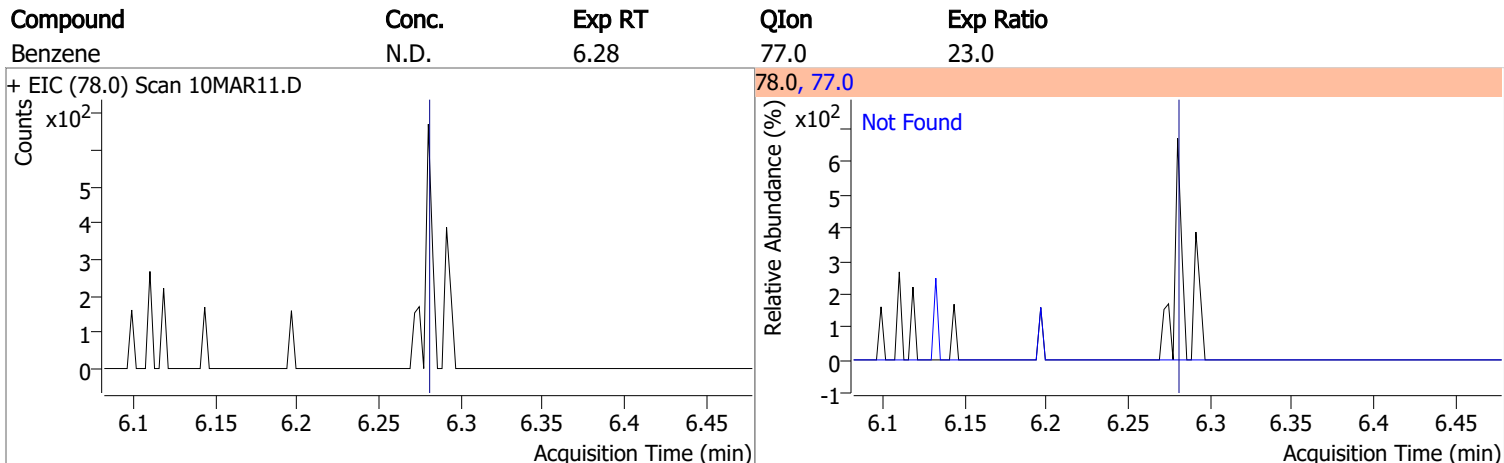
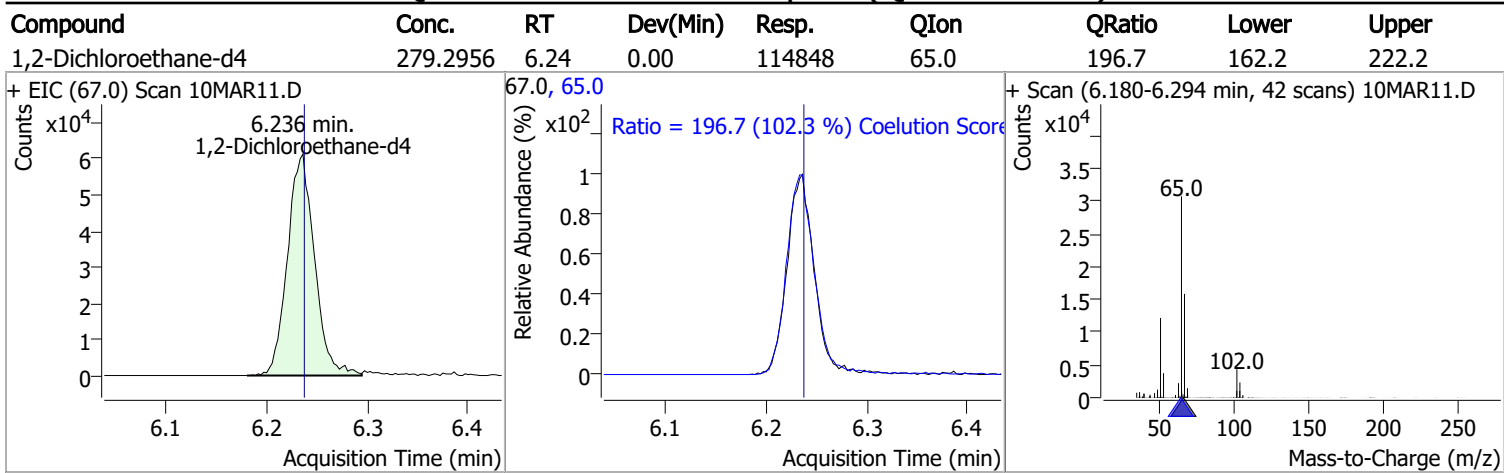
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	64.7



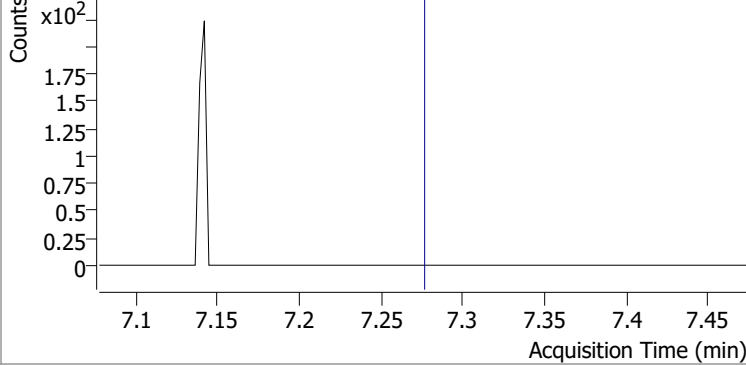
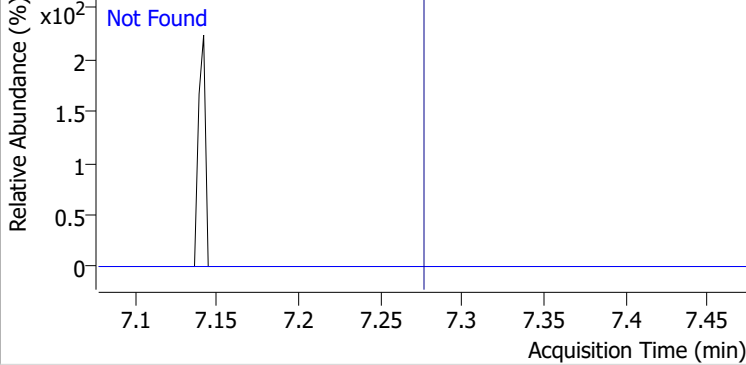
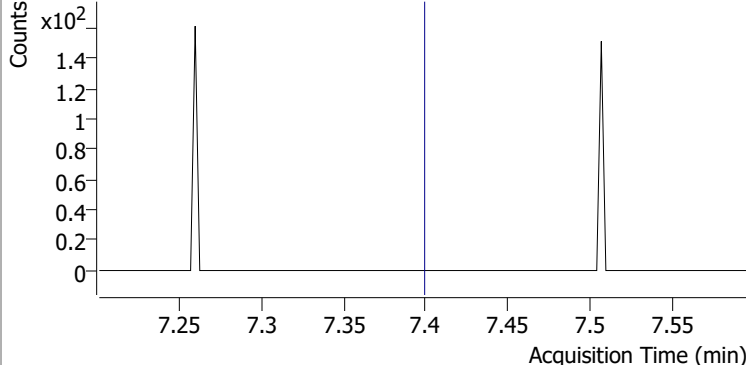
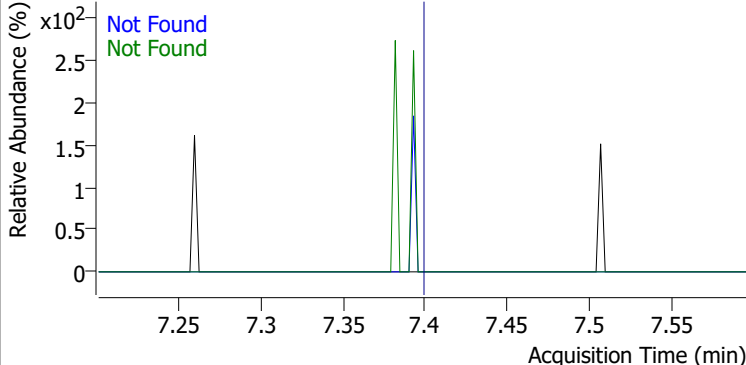
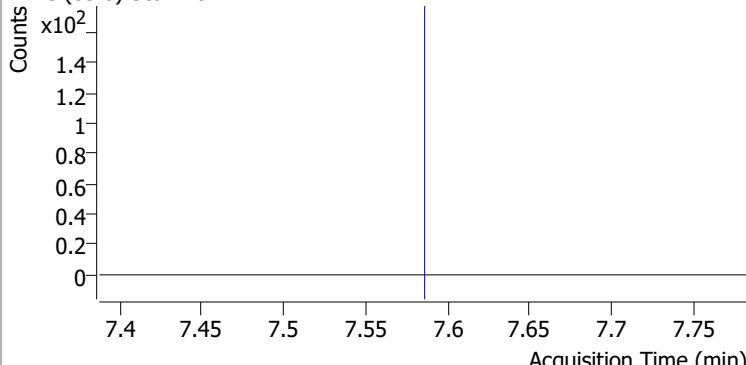
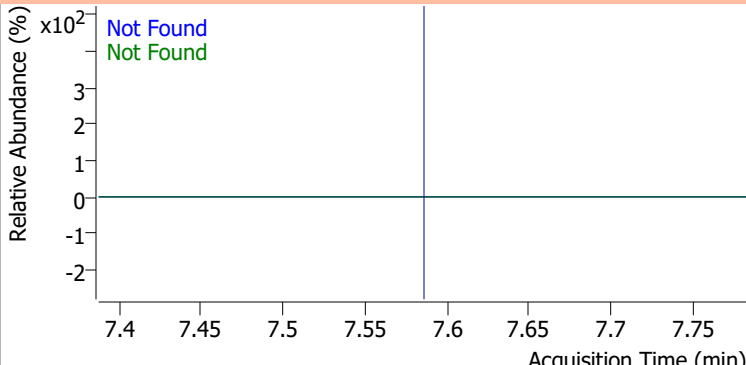
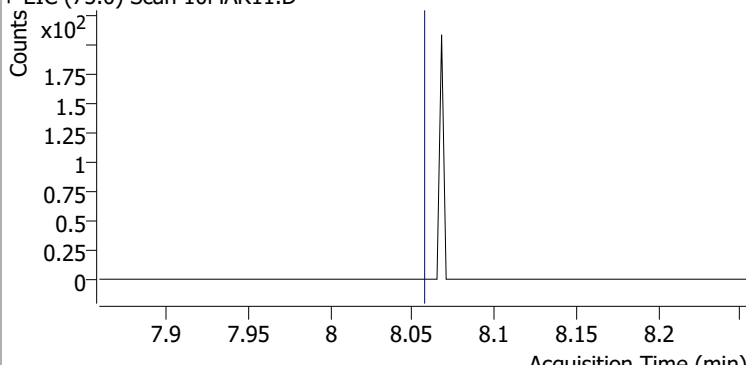
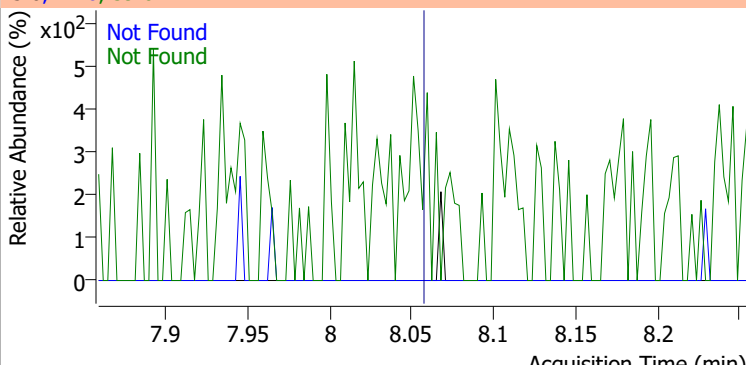
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

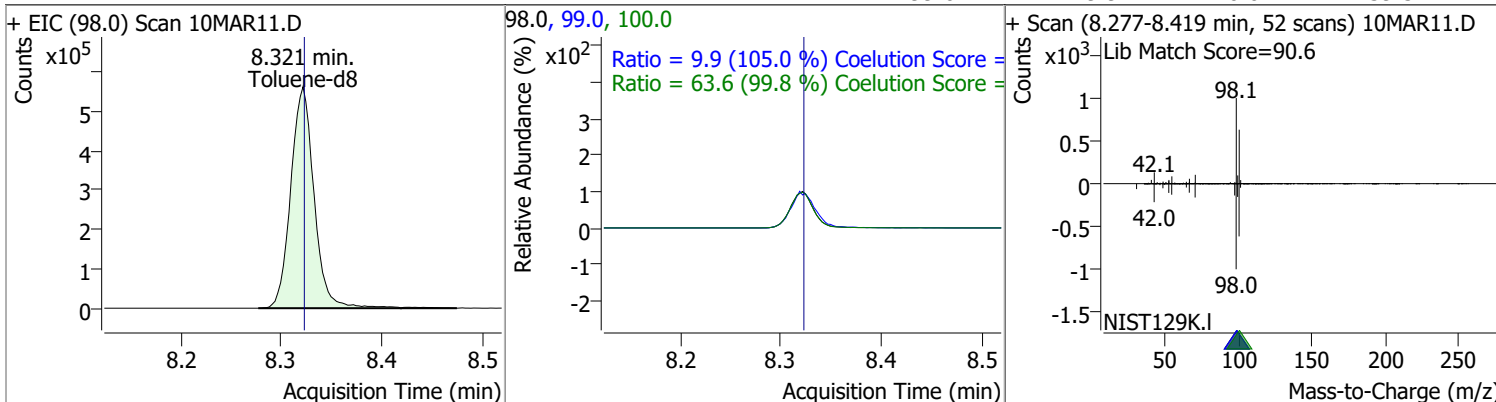


# Quantitation Results Report (QT Reviewed)

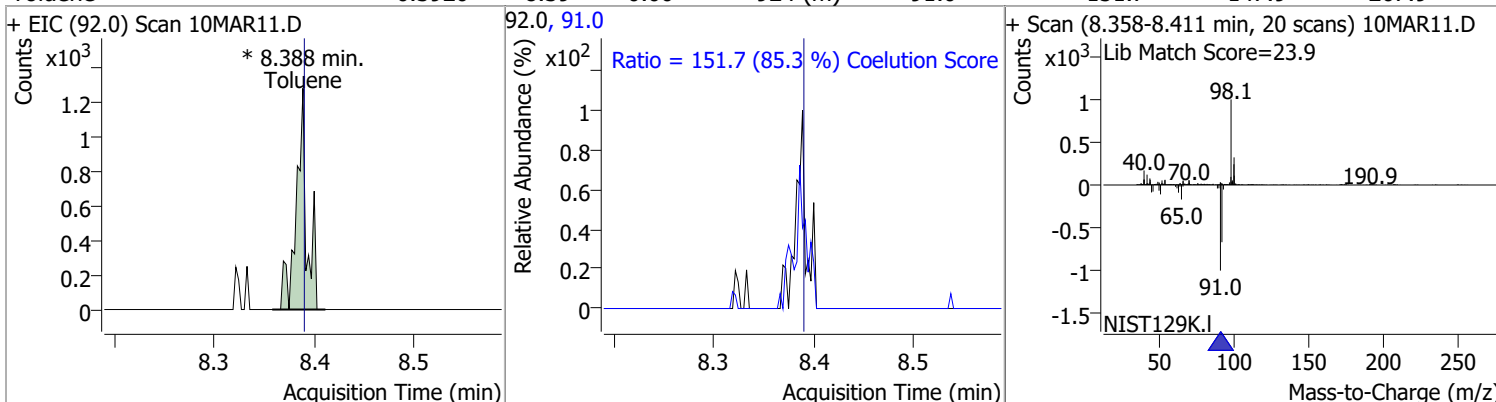
Compound	Conc.	Exp RT	QIon	Exp Ratio		
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR11.D			63.0, 76.0			
						
Dibromomethane	N.D.	7.40	173.5	108.6	95.0	84.5
+ EIC (93.0) Scan 10MAR11.D			93.0, 95.0, 173.5			
						
Bromodichloromethane	N.D.	7.59	85.0	63.2	127.0	9.4
+ EIC (83.0) Scan 10MAR11.D			83.0, 85.0, 127.0			
						
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	77.0	32.0
+ EIC (75.0) Scan 10MAR11.D			75.0, 77.0, 39.0			
						

# Quantitation Results Report (QT Reviewed)

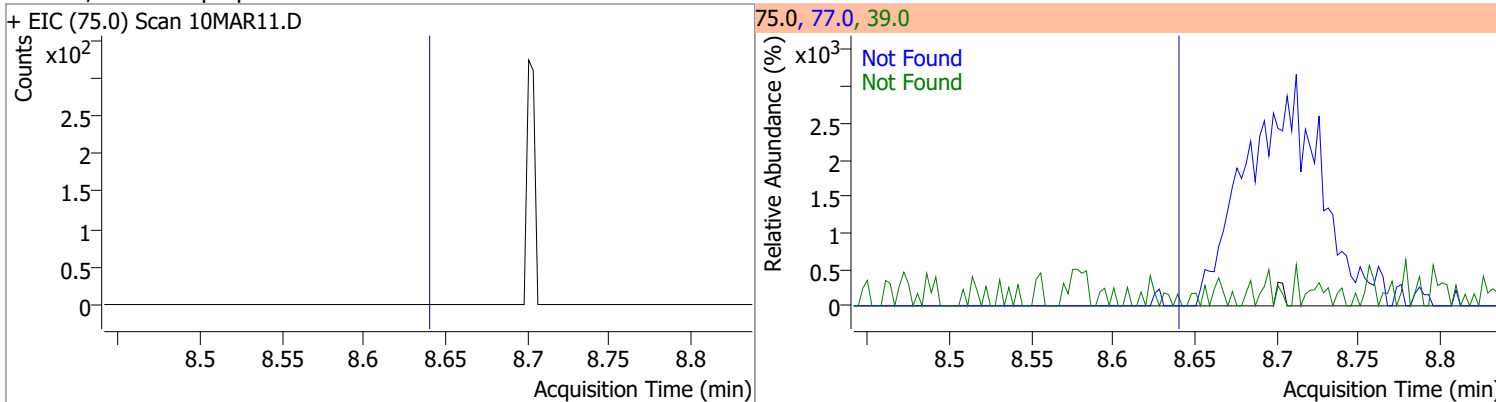
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	237.7317	8.32	0.00	905125	100.0	63.6	33.7	93.7
					99.0	9.9	0.0	39.5



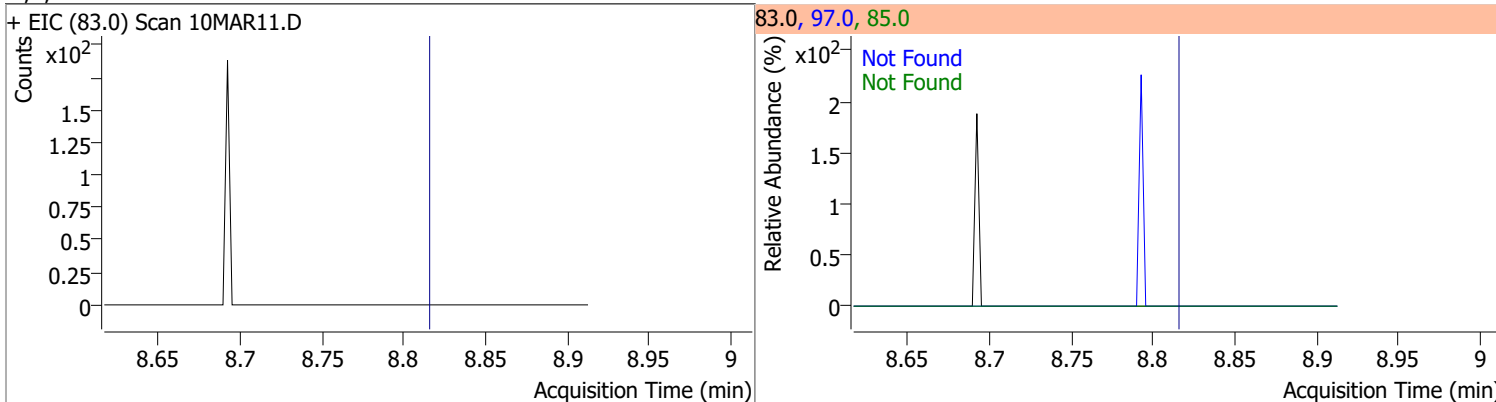
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.3920	8.39	0.00	924 (m)	91.0	151.7	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

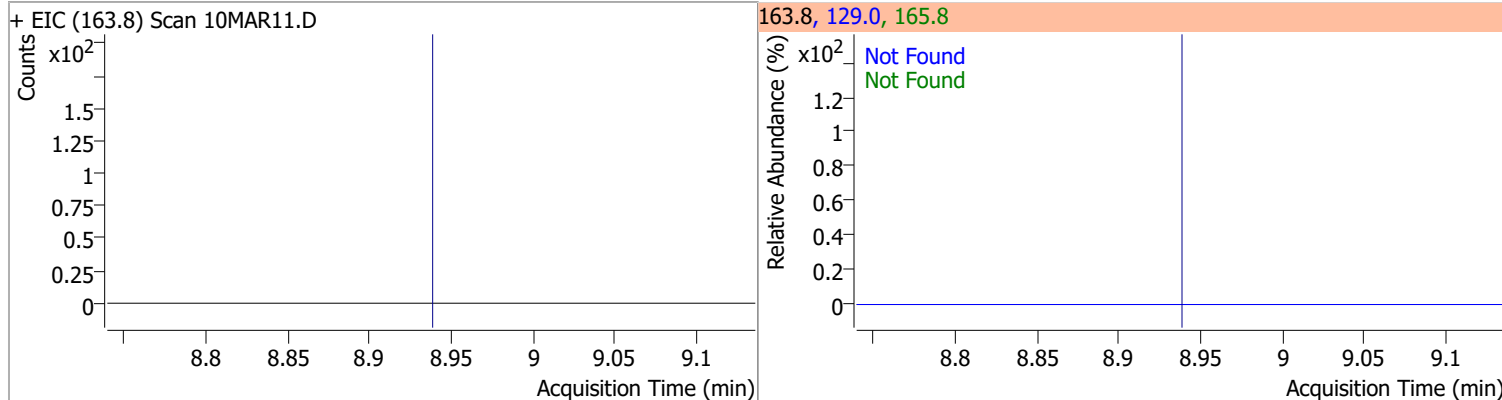


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

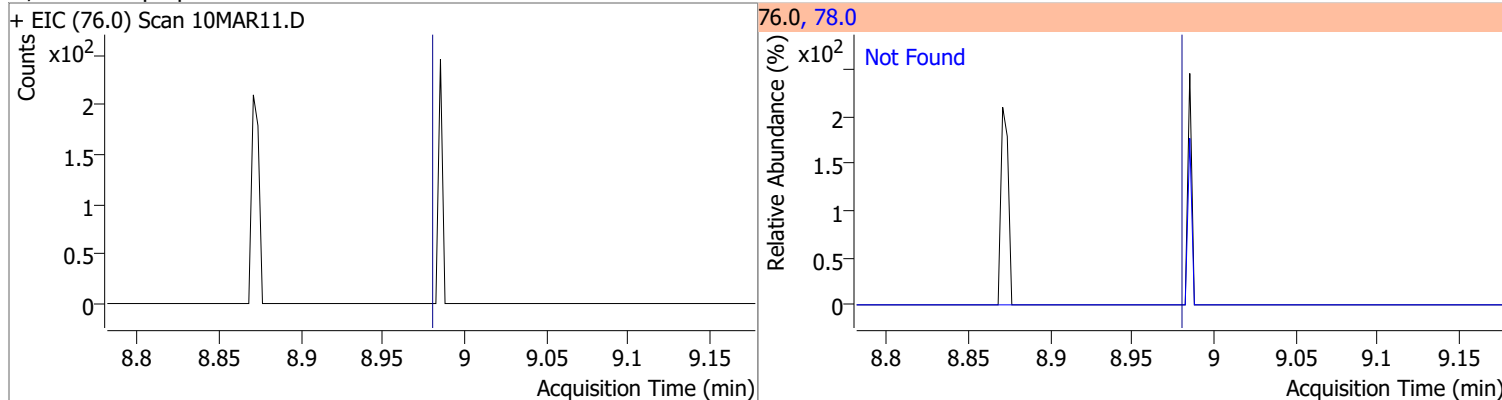


# Quantitation Results Report (QT Reviewed)

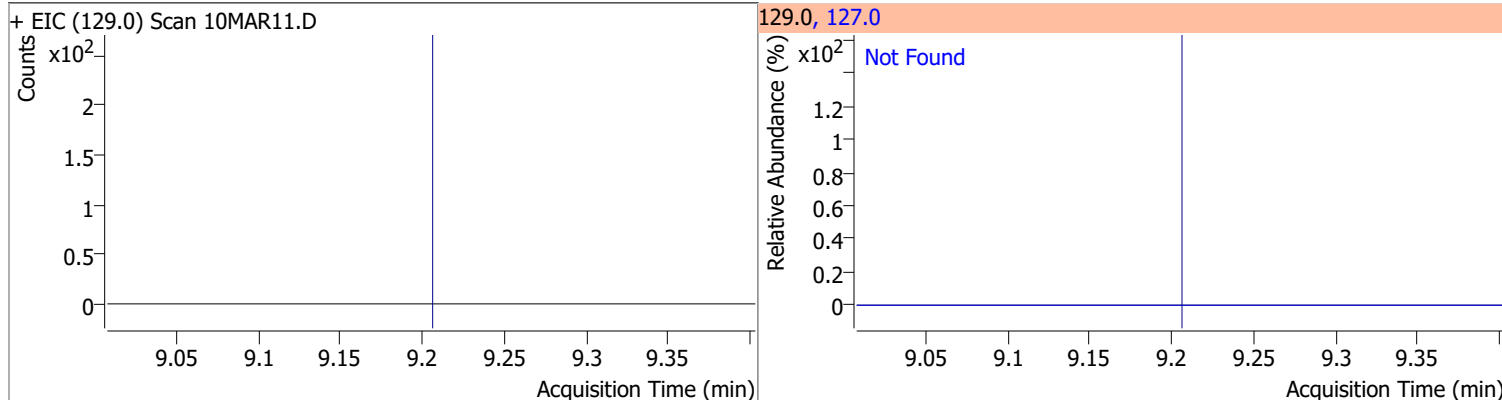
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



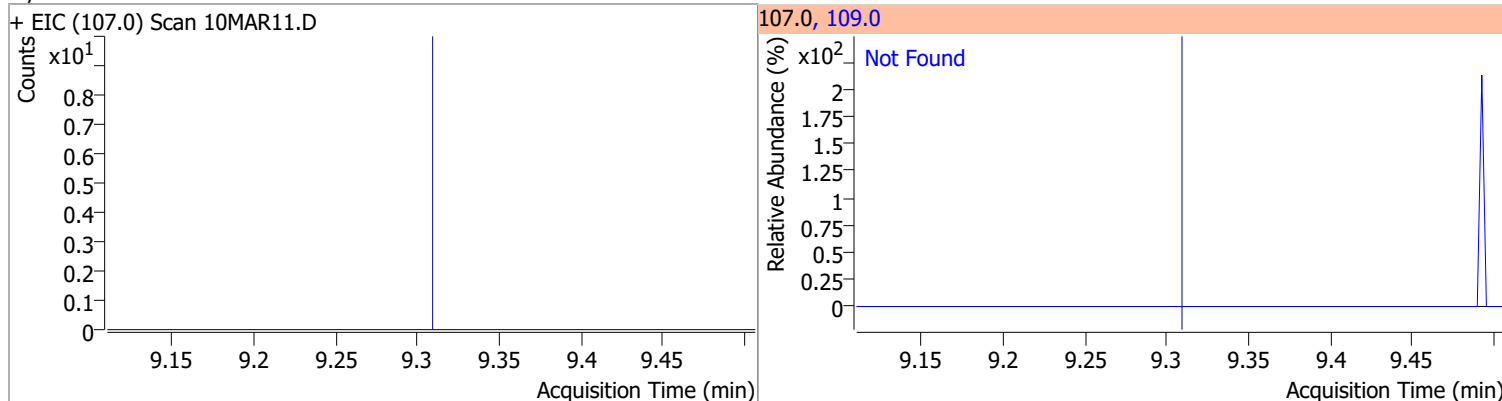
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



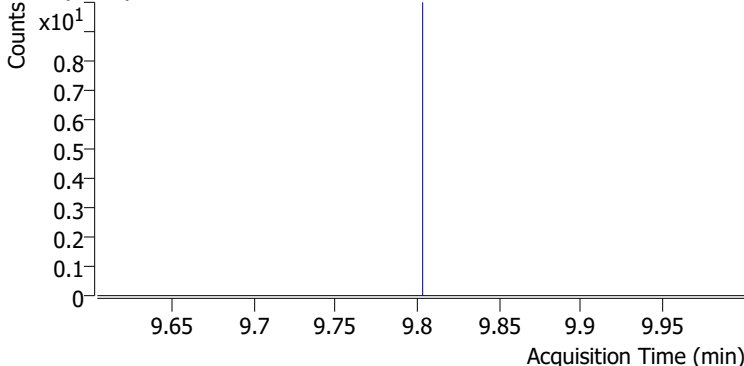
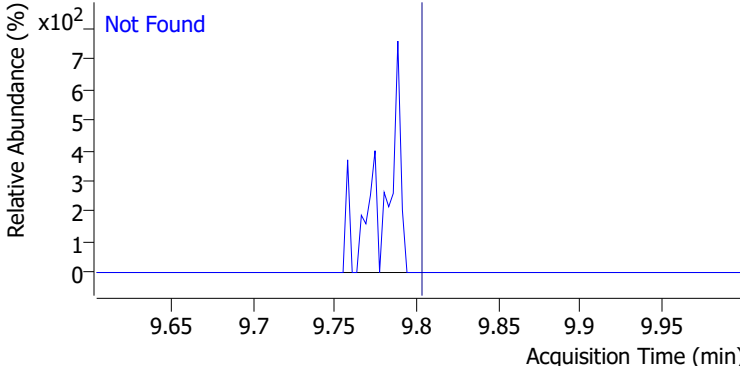
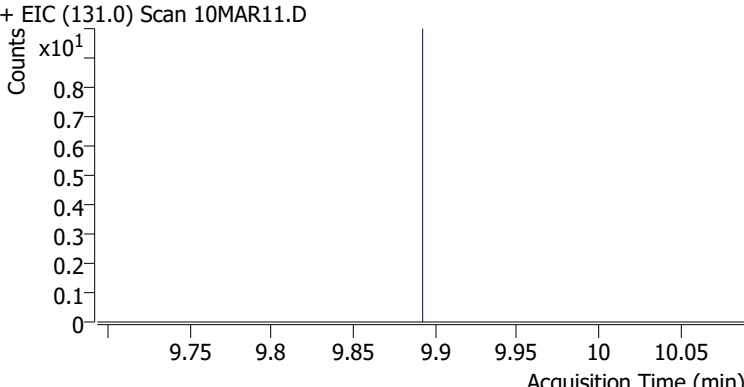
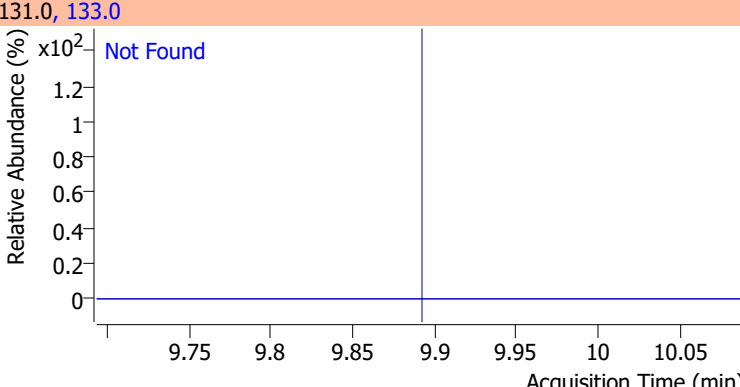
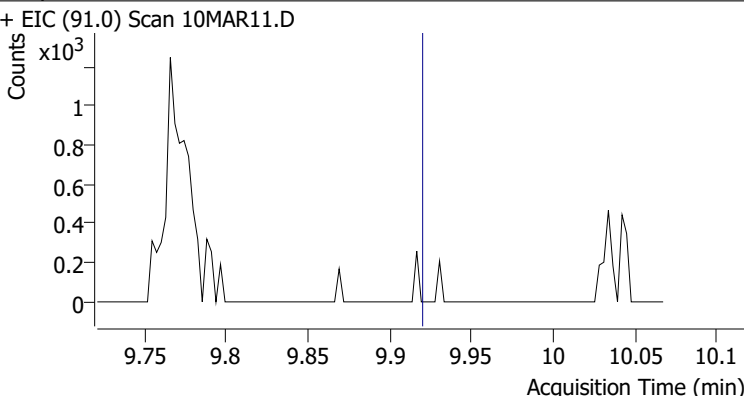
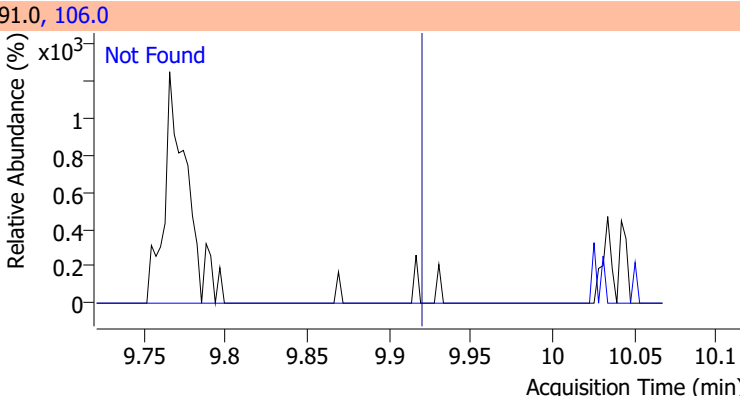
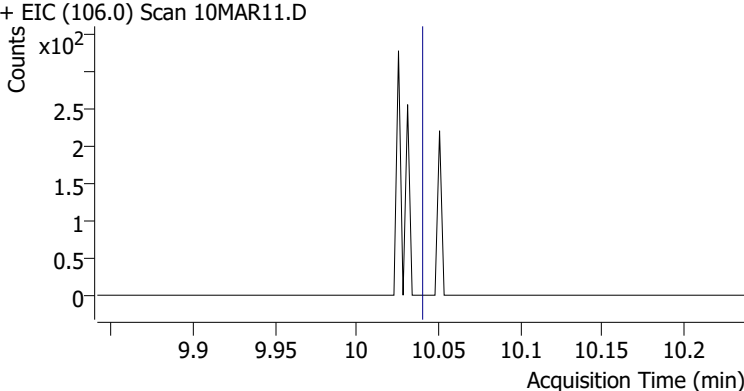
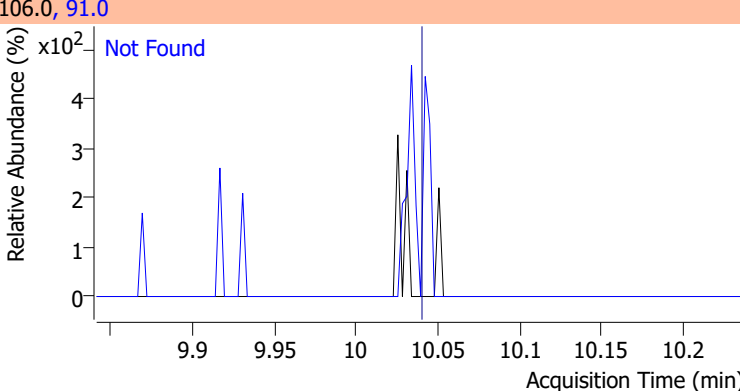
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4

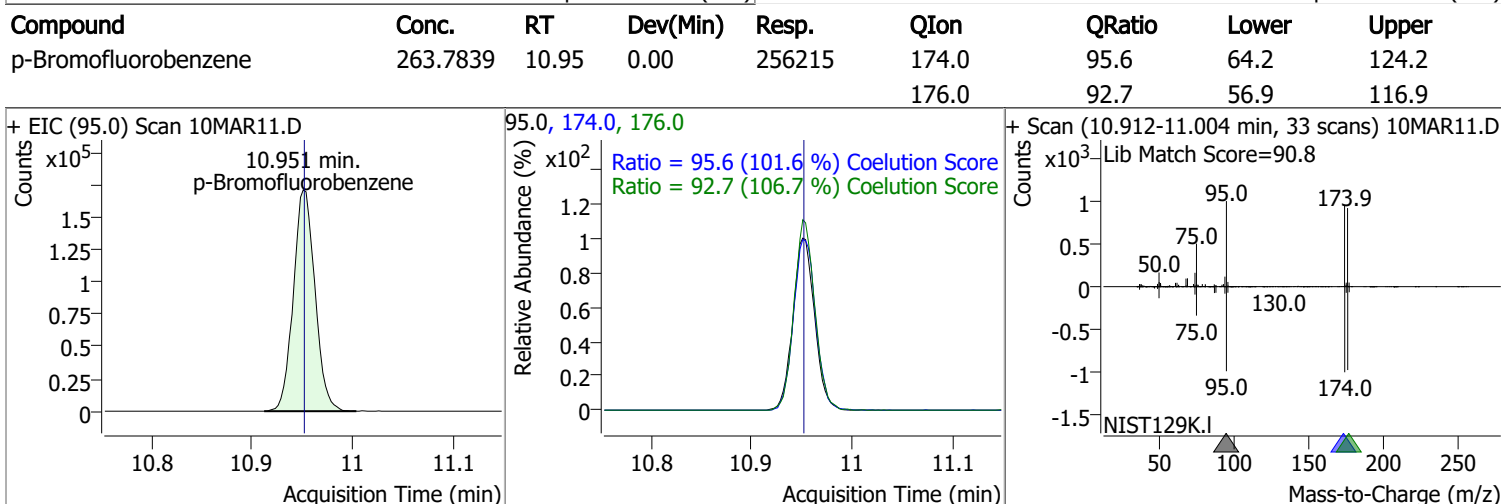
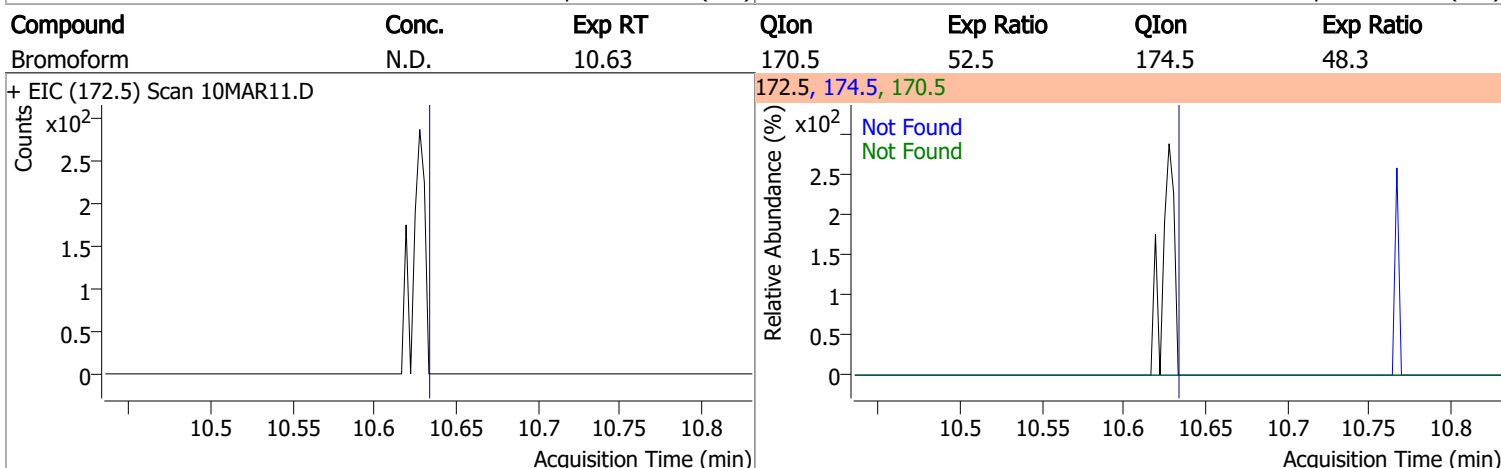
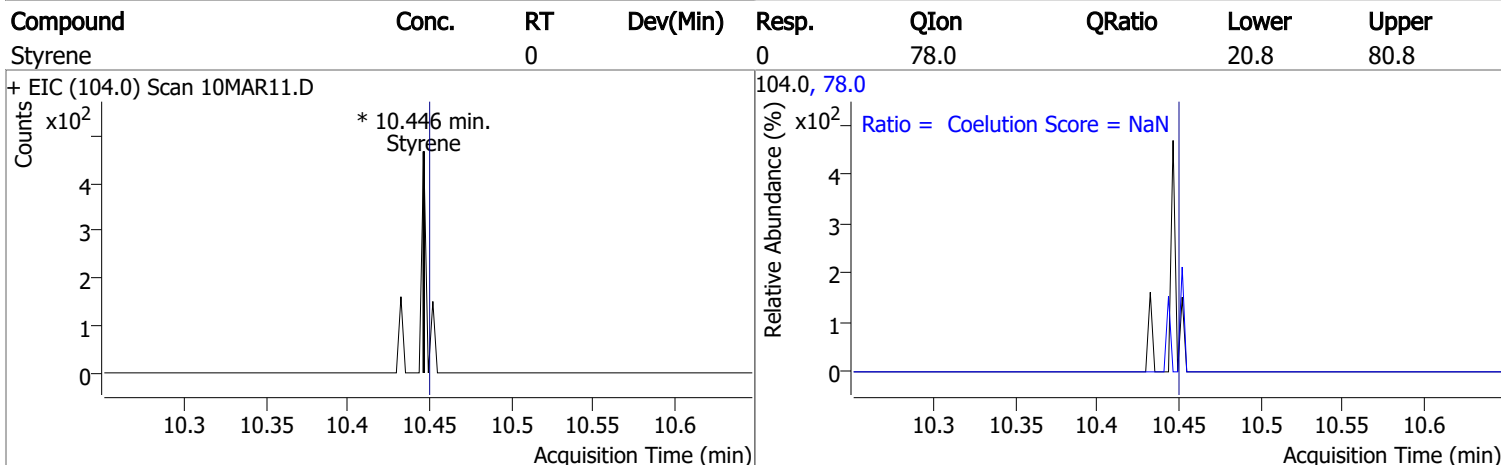
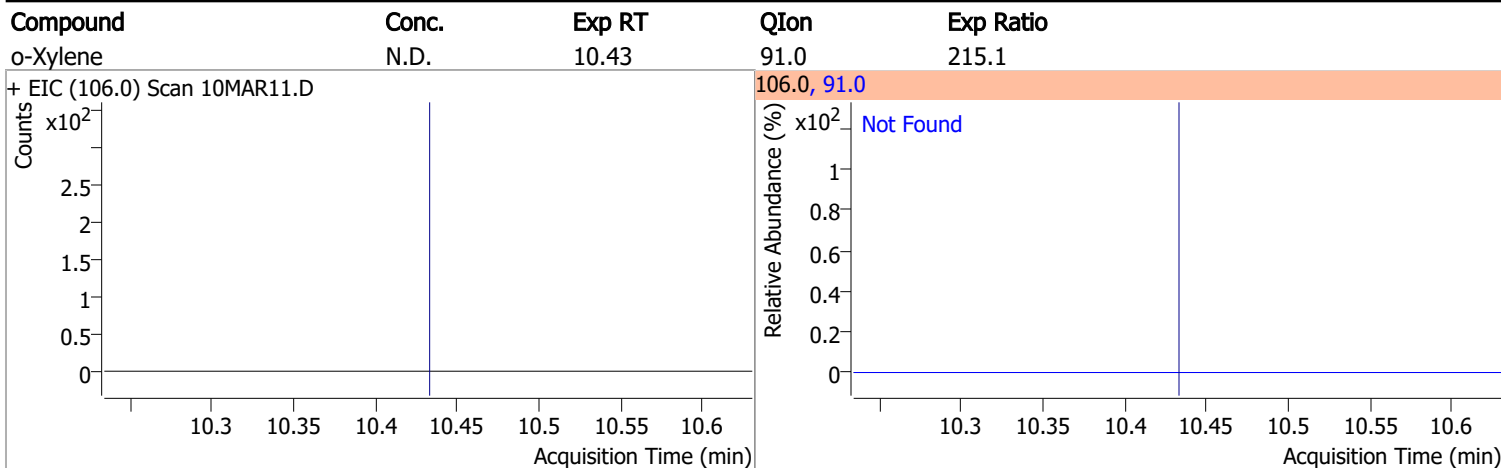


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR11.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR11.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR11.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR11.D			106.0, 91.0	
				



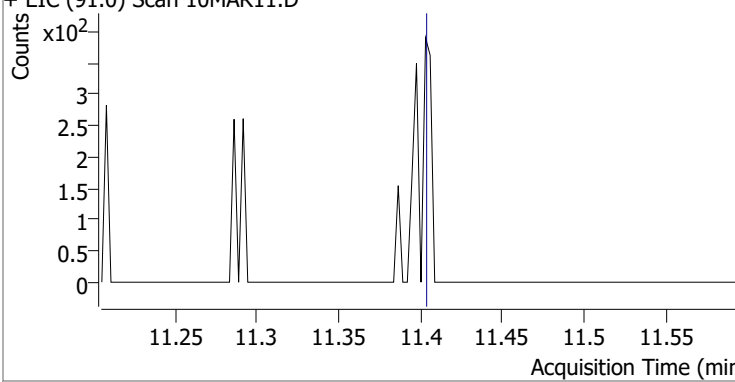
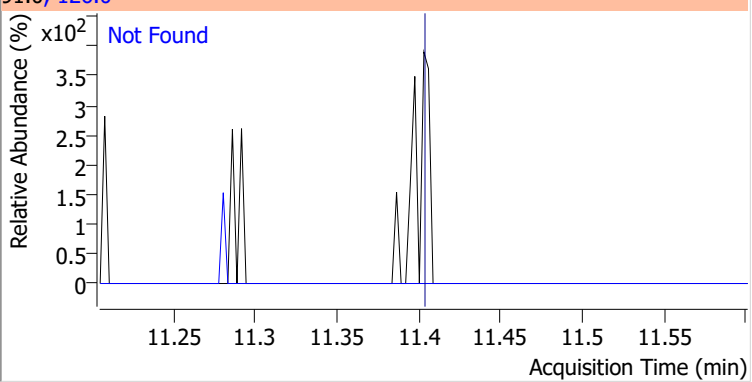
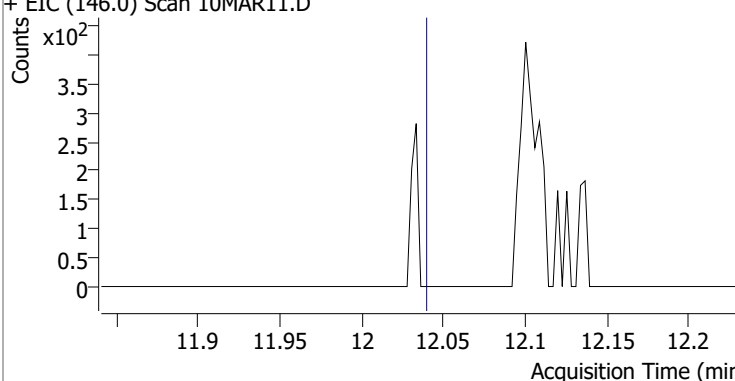
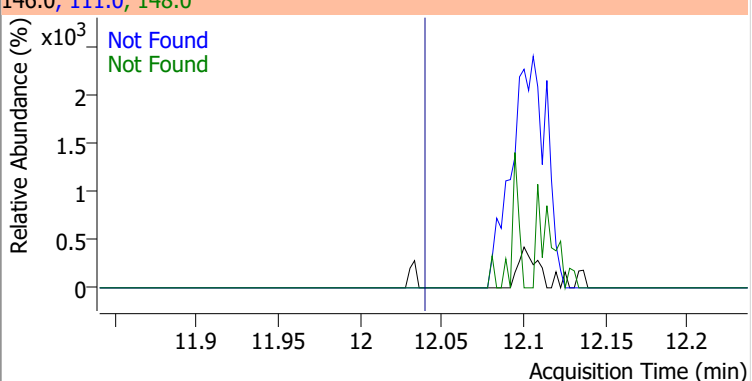
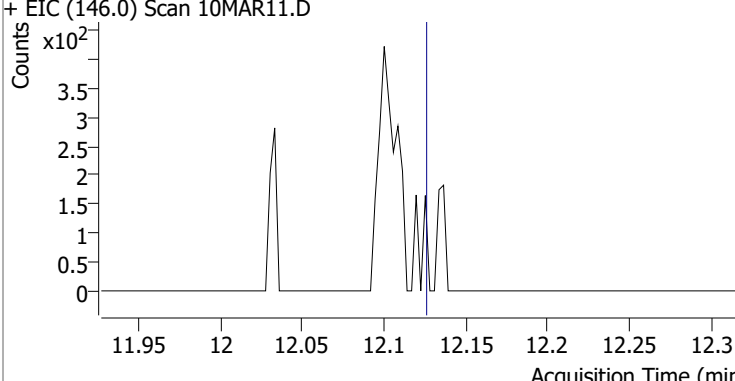
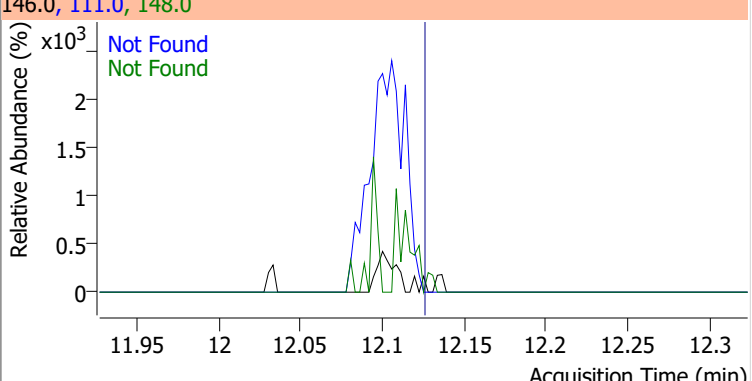
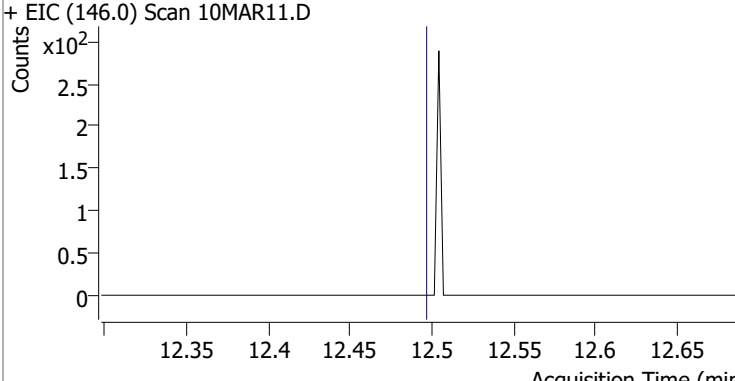
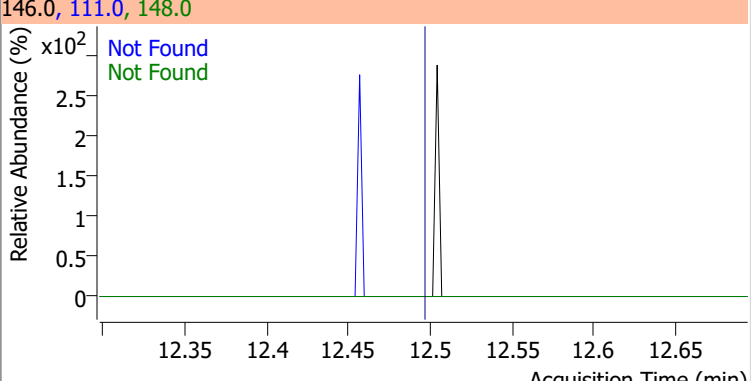
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

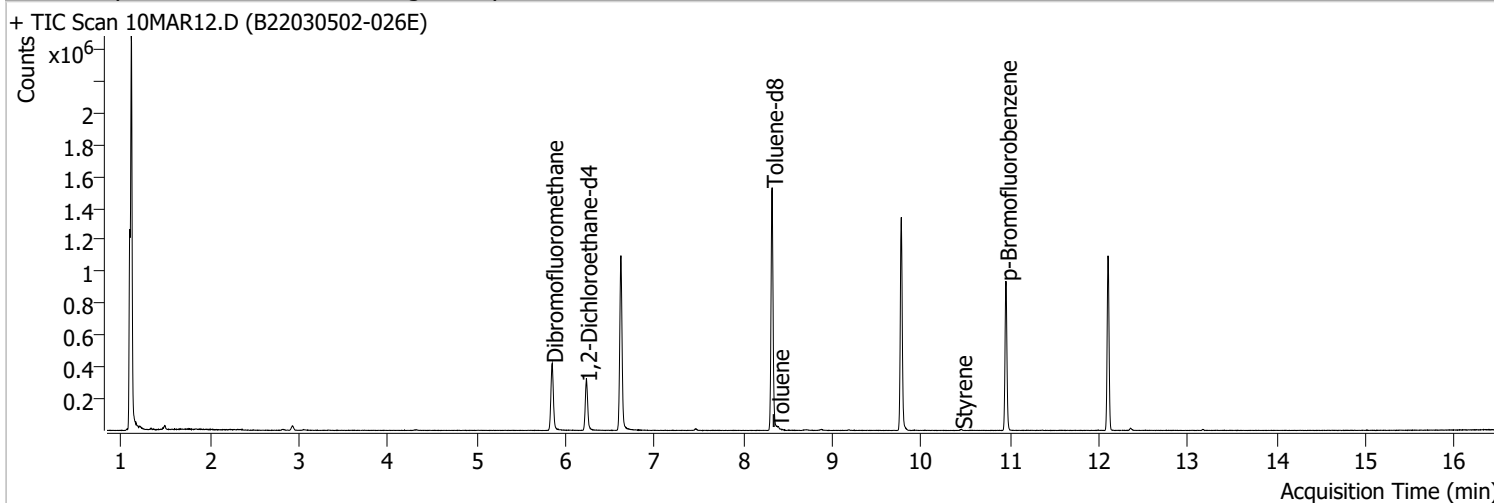
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR11.D			156.0, 77.0, 158.0			
1,1,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR11.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR11.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR11.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR11.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR11.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR11.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR11.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR12.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 5:07:07 PM
Sample Name	B22030502-026E	Instrument	VOA5975C
Vial	12	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
----------	----	------	-------	-------	-------	----------

**Internal Standards**

M Fluorobenzene	6.620	96.0	910949	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	358524	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	263435	250.0000	ng	0.000

**System Monitoring Compounds**

S Dibromofluoromethane	5.848	113.0	247445	267.3350	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 106.93%		
S 1,2-Dichloroethane-d4	6.230	67.0	114296	276.6418	ng	-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 110.66%		
S Toluene-d8	8.322	98.0	909572	237.9718	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.19%		
S p-Bromofluorobenzene	10.951	95.0	262872	270.6201	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.25%		

**Target Compounds**

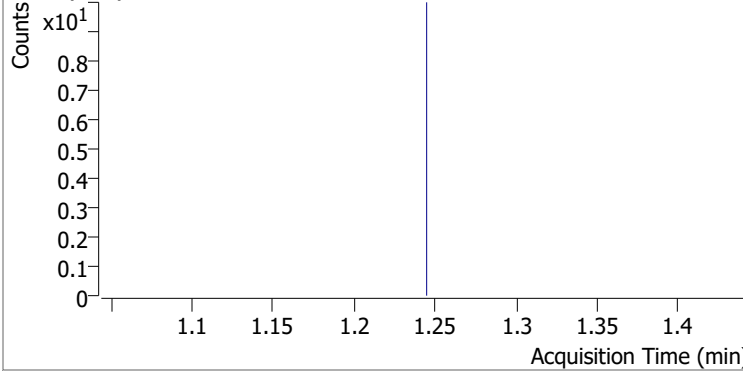
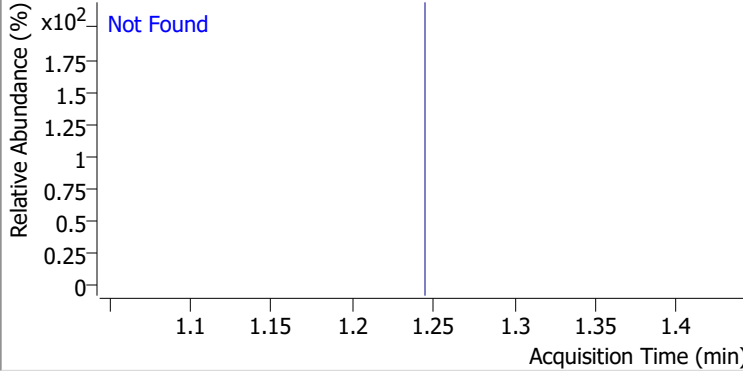
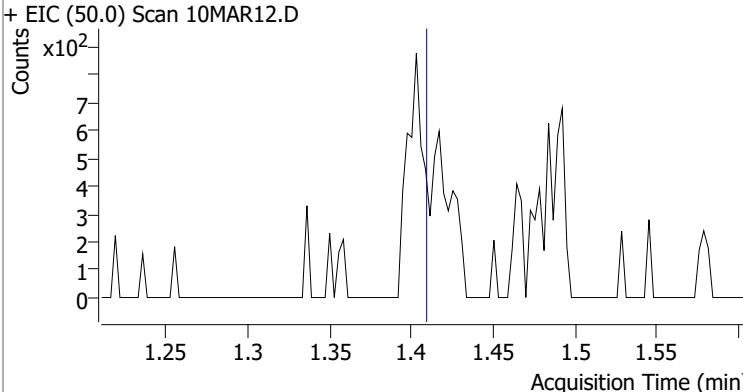
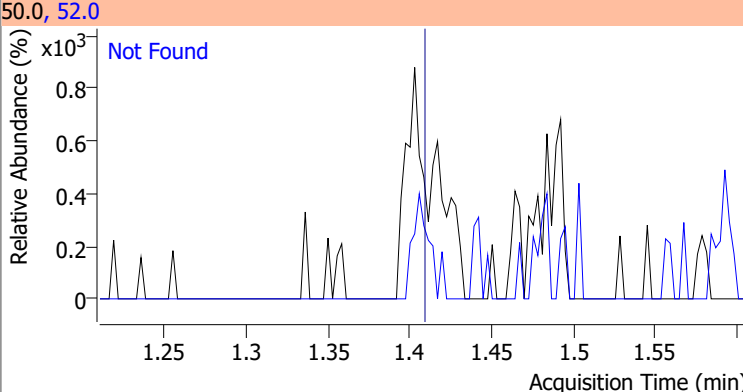
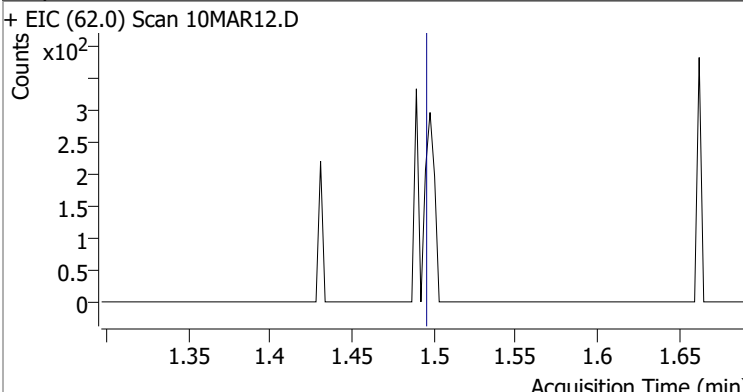
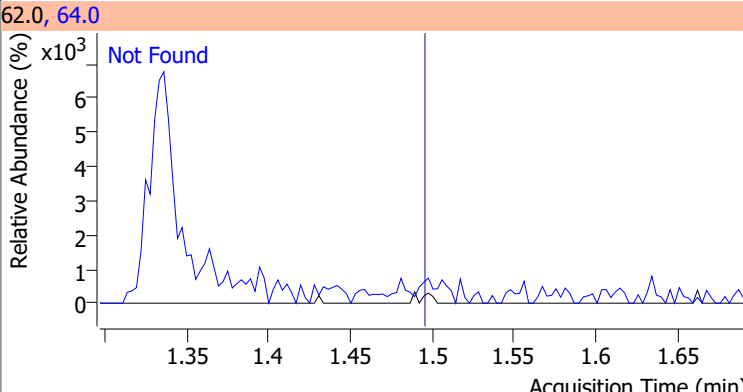
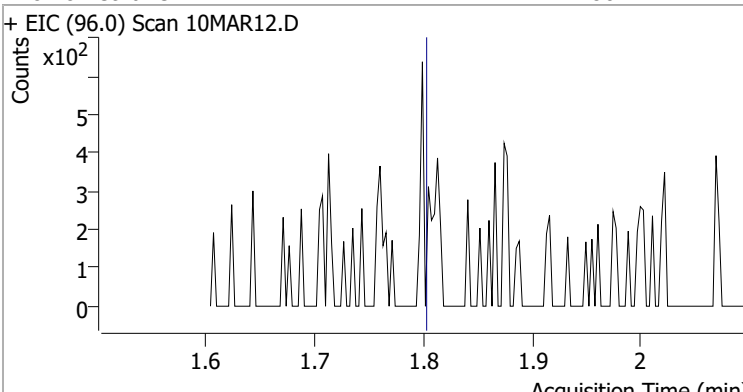
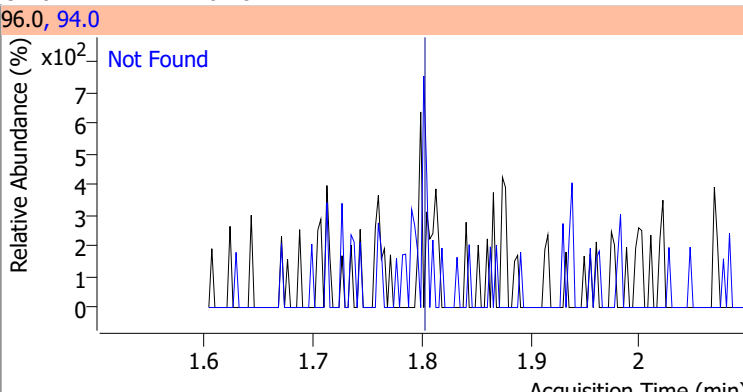
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)	QValue
T Dichlorodifluoromethane	0.000		0	N.D.			
T Chloromethane	0.000		0	N.D.			
T Vinyl chloride	0.000		0	N.D.			
T Bromomethane	0.000		0	N.D.			
T Chloroethane	0.000		0	N.D.			
T Trichlorofluoromethane	0.000		0	N.D.			
T 1,1-Dichloroethene	0.000		0	N.D.			
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.			

# Quantitation Results Report (QT Reviewed)

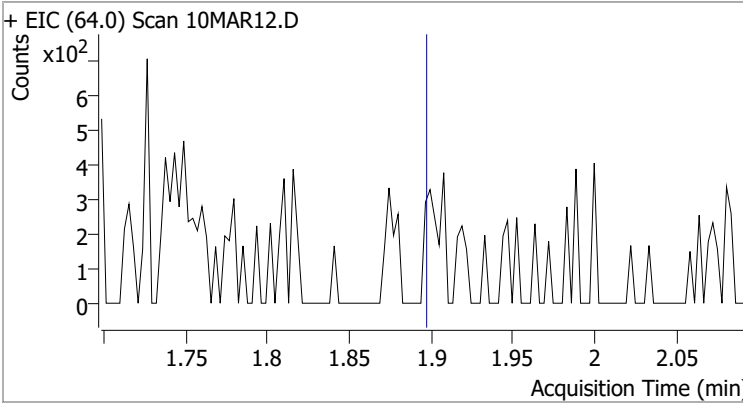
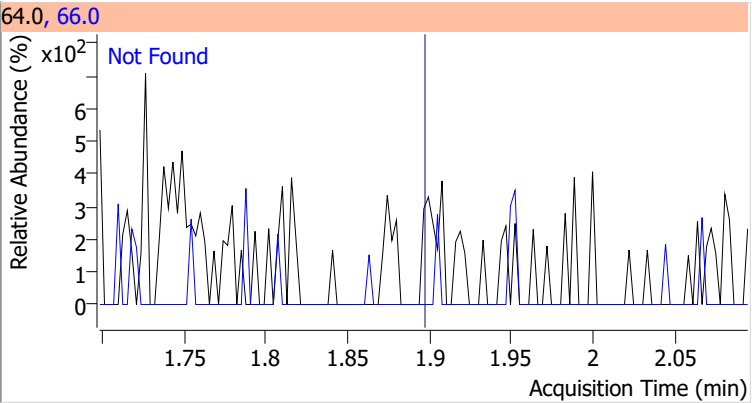
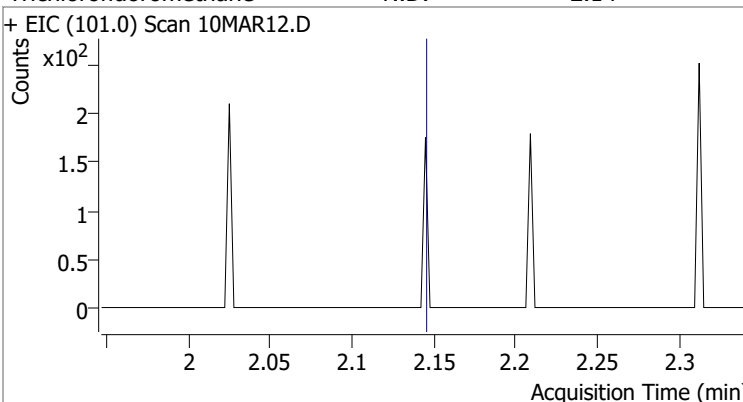
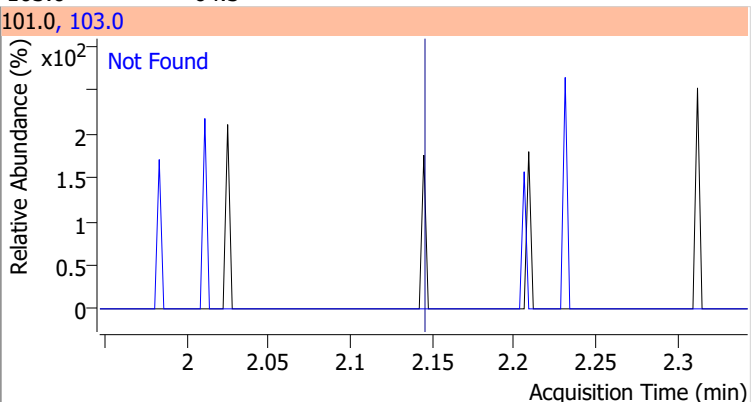
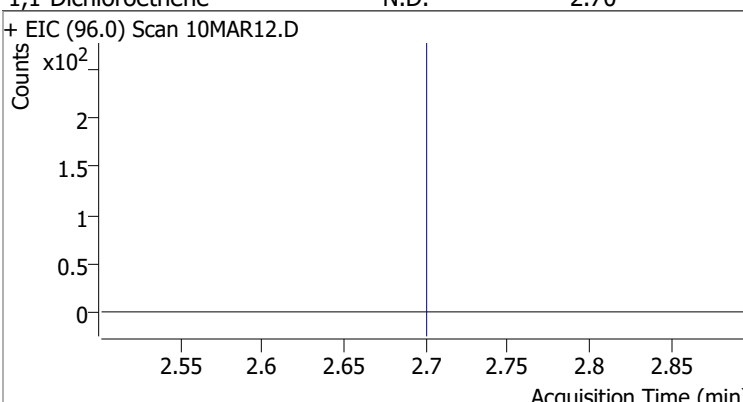
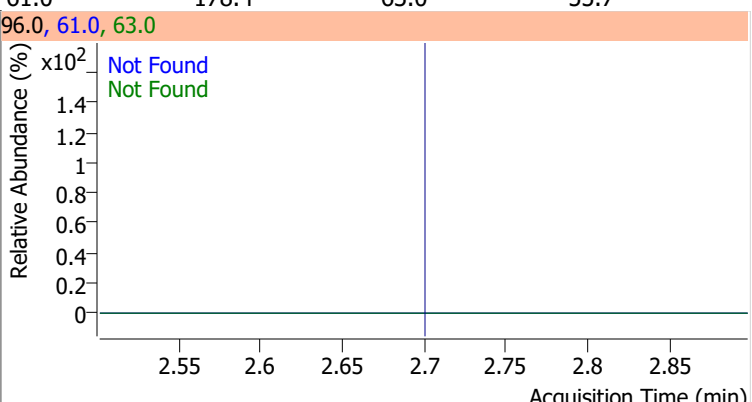
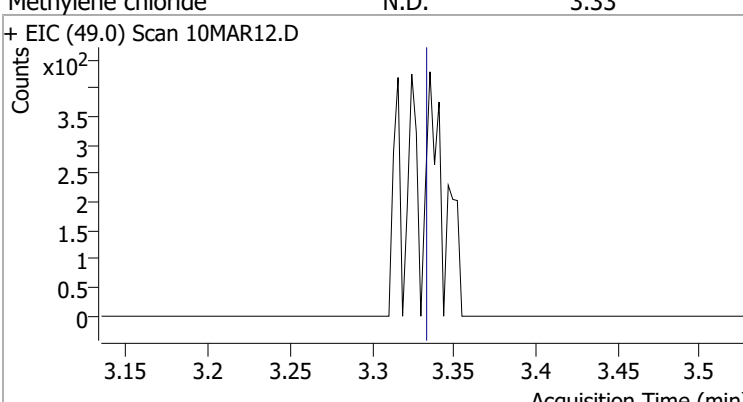
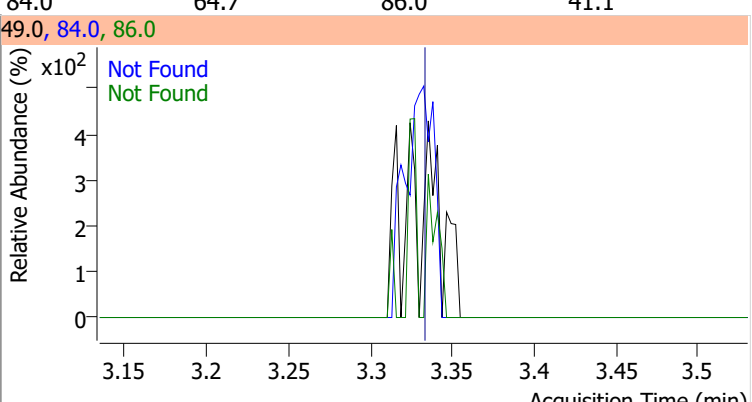
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	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	4030	1.7037	ng	94
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	9.922	91.0	0		ng md	1
T m+p-Xylenes	10.042	106.0	0		ng md	1
T o-Xylene	0.000		0	N.D.		
T Styrene	10.446	104.0	2357	2.2076	ng	86
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

# Quantitation Results Report (QT Reviewed)

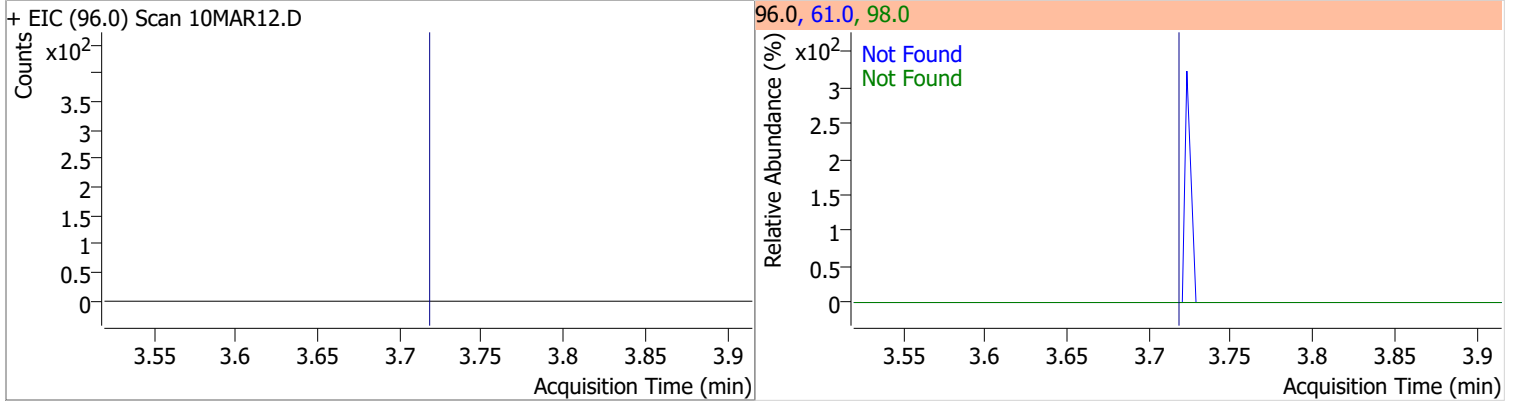
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5
+ EIC (85.0) Scan 10MAR12.D ***NO DATA POINTS***			85.0, 87.0	
				
Chloromethane	N.D.	1.41	52.0	33.0
+ EIC (50.0) Scan 10MAR12.D			50.0, 52.0	
				
Vinyl chloride	N.D.	1.49	64.0	30.6
+ EIC (62.0) Scan 10MAR12.D			62.0, 64.0	
				
Bromomethane	N.D.	1.80	94.0	104.8
+ EIC (96.0) Scan 10MAR12.D			96.0, 94.0	
				

# Quantitation Results Report (QT Reviewed)

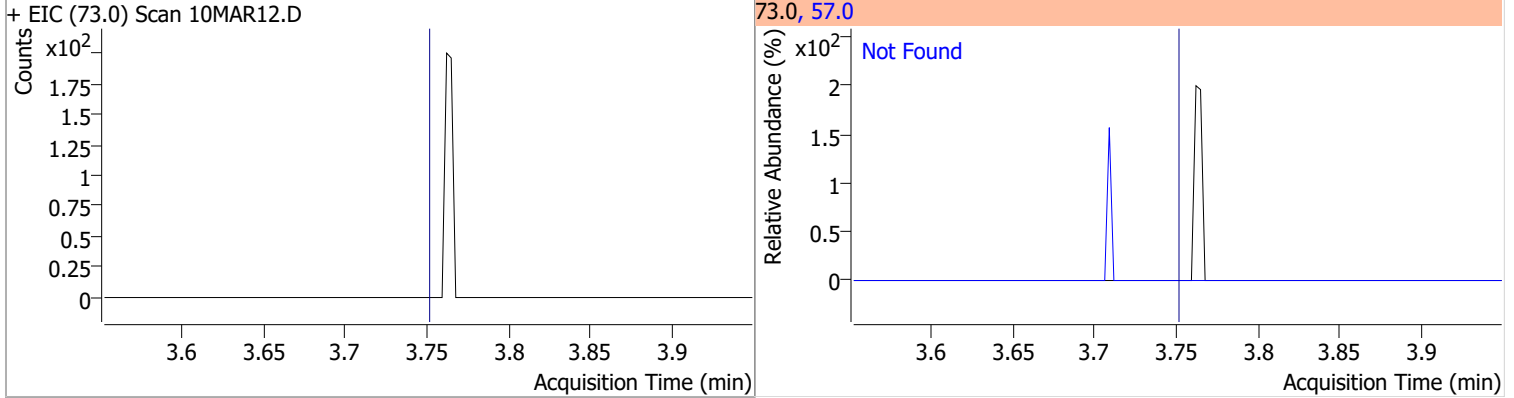
Compound	Conc.	Exp RT	QIon	Exp Ratio		
Chloroethane	N.D.	1.90	66.0	30.4		
+ EIC (64.0) Scan 10MAR12.D			64.0, 66.0			
						
Trichlorofluoromethane	N.D.	2.14	103.0	64.3		
+ EIC (101.0) Scan 10MAR12.D			101.0, 103.0			
						
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	QIon	Exp Ratio
					63.0	55.7
+ EIC (96.0) Scan 10MAR12.D			96.0, 61.0, 63.0			
						
Methylene chloride	N.D.	3.33	84.0	64.7	QIon	Exp Ratio
					86.0	41.1
+ EIC (49.0) Scan 10MAR12.D			49.0, 84.0, 86.0			
						

# Quantitation Results Report (QT Reviewed)

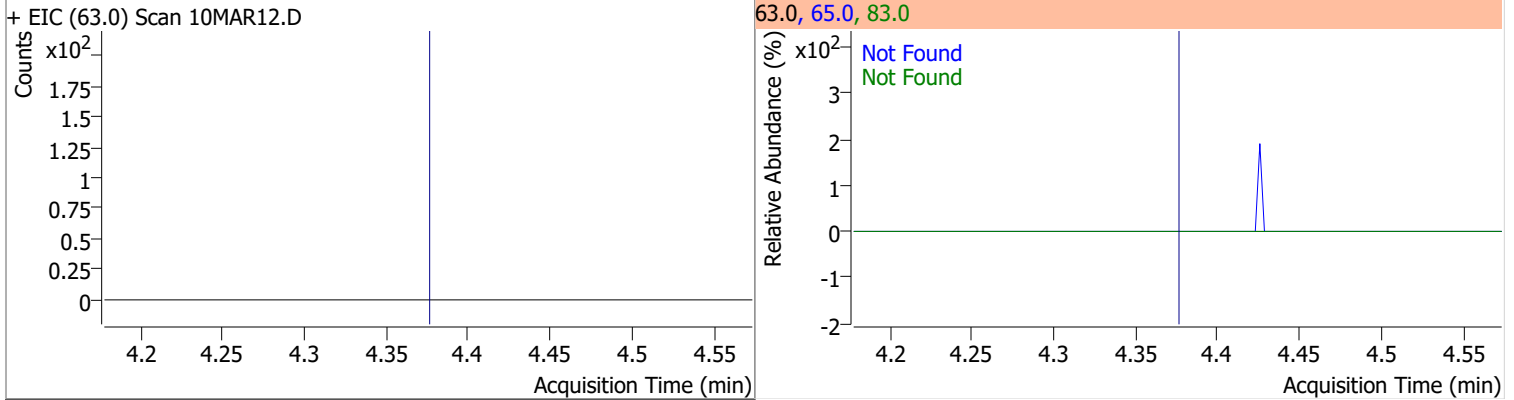
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9



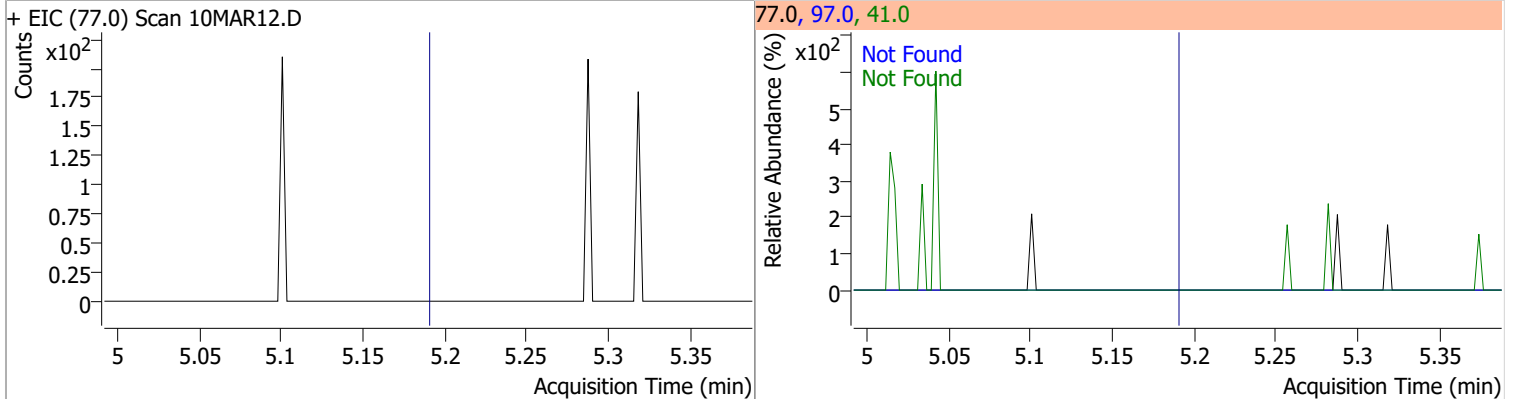
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9



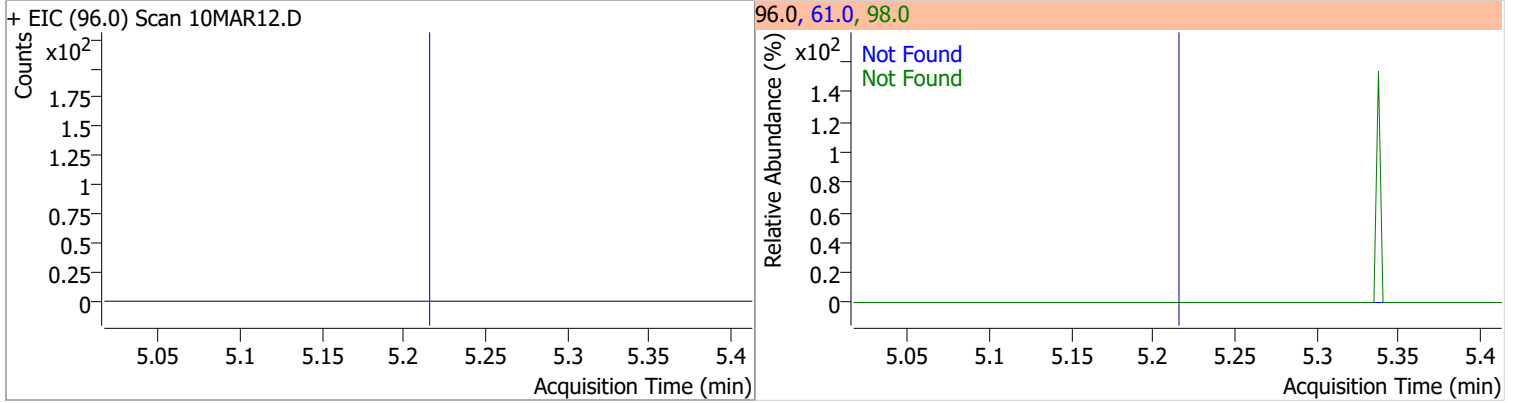
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4



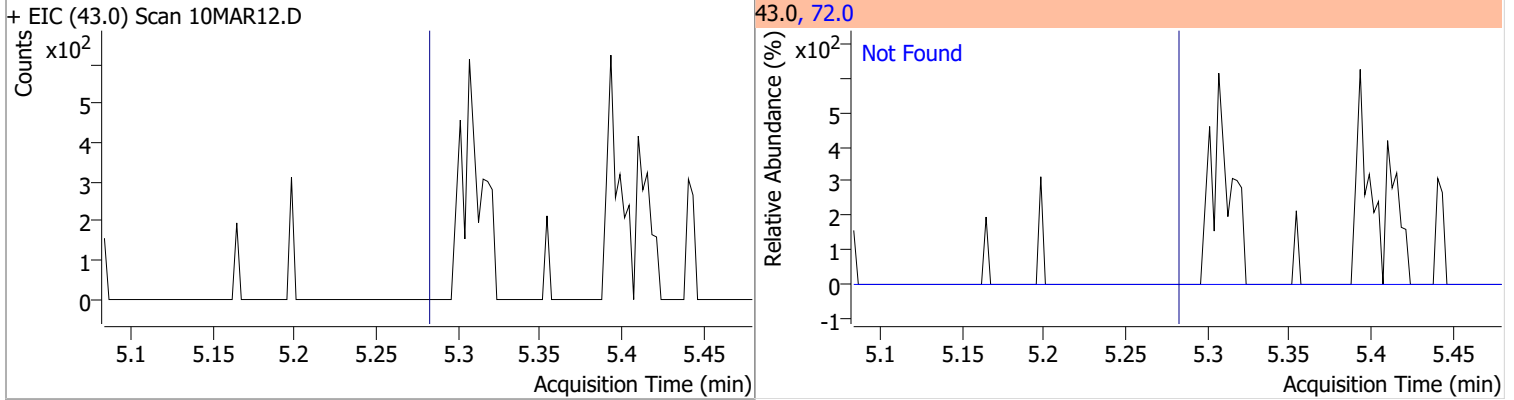


# Quantitation Results Report (QT Reviewed)

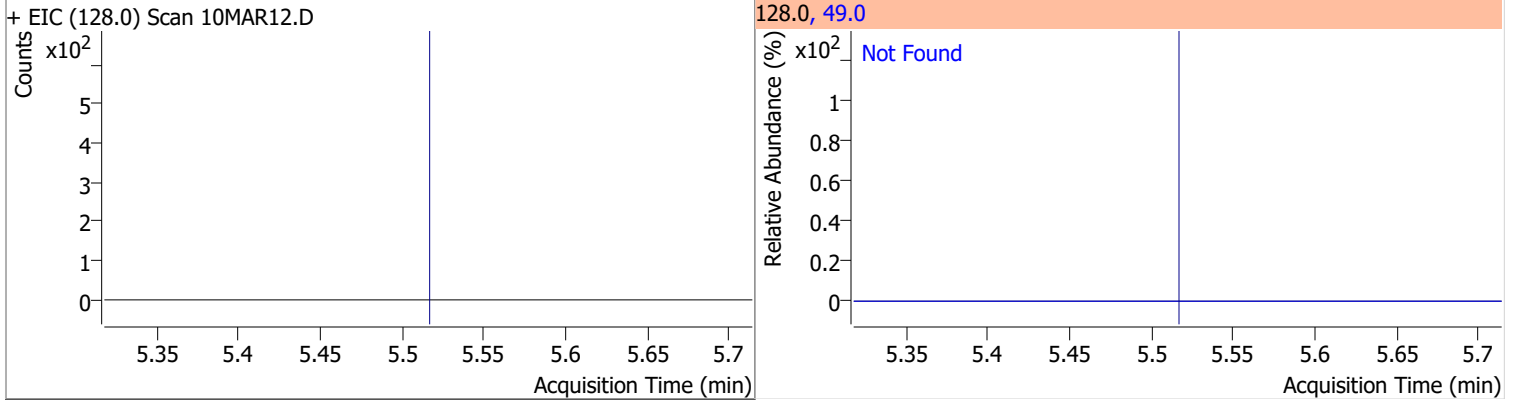
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



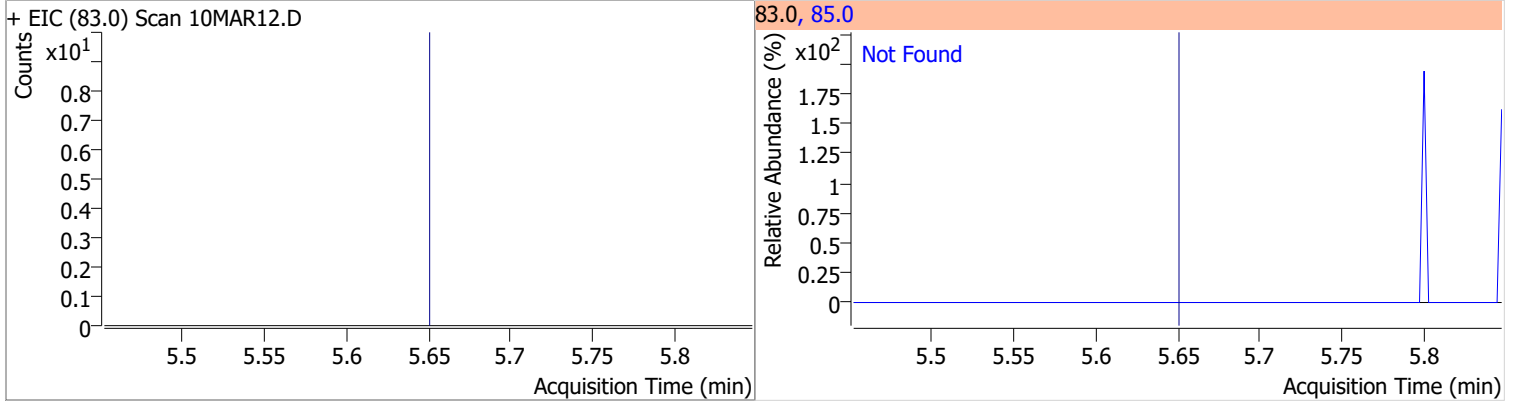
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



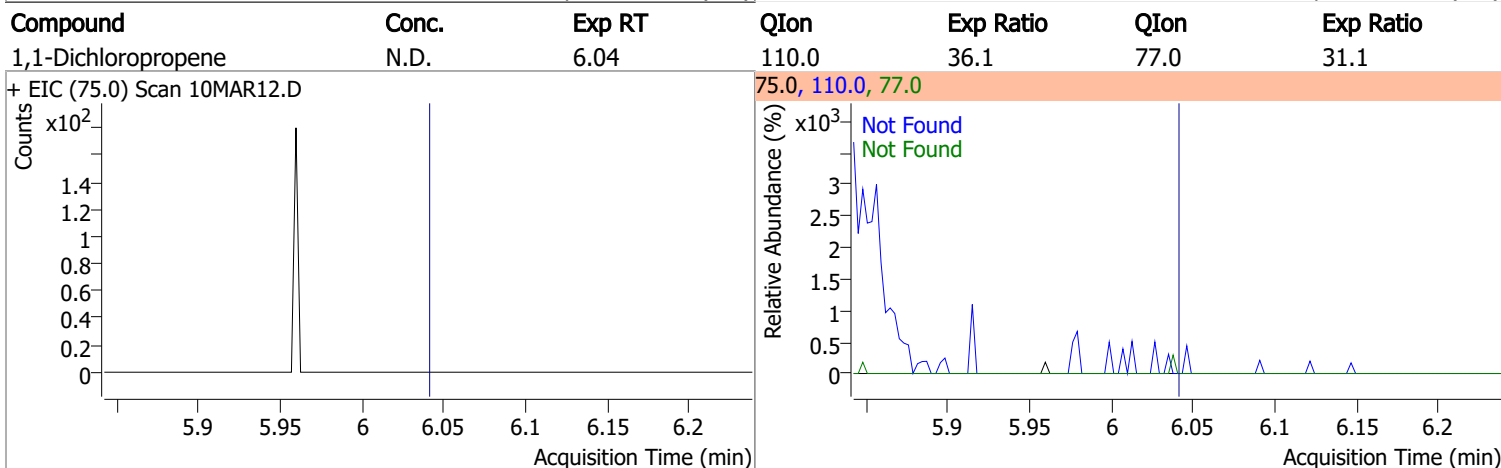
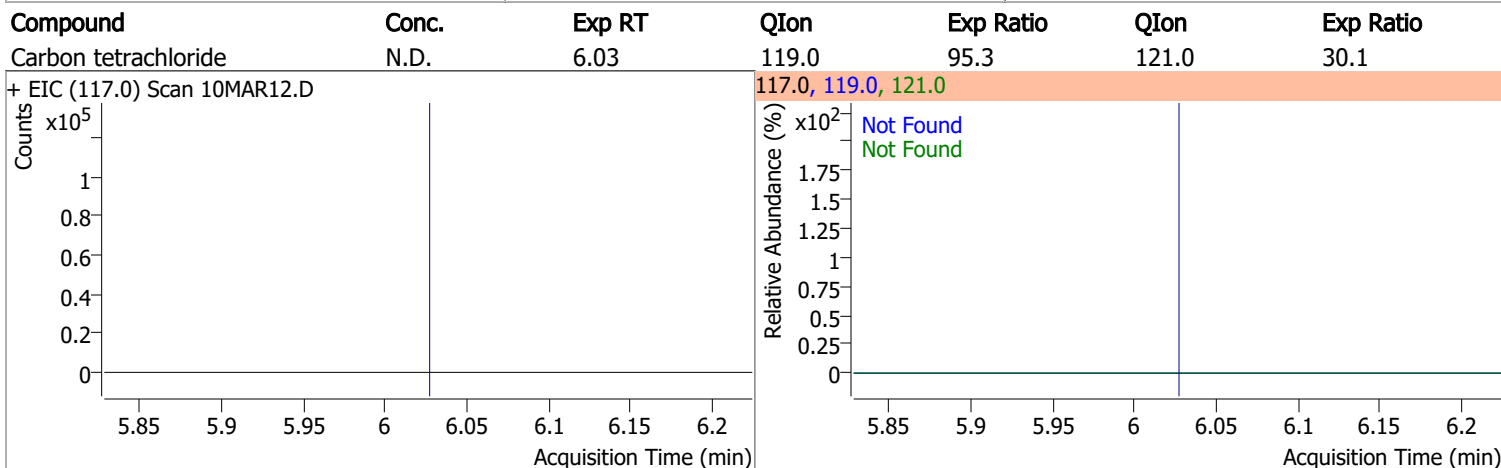
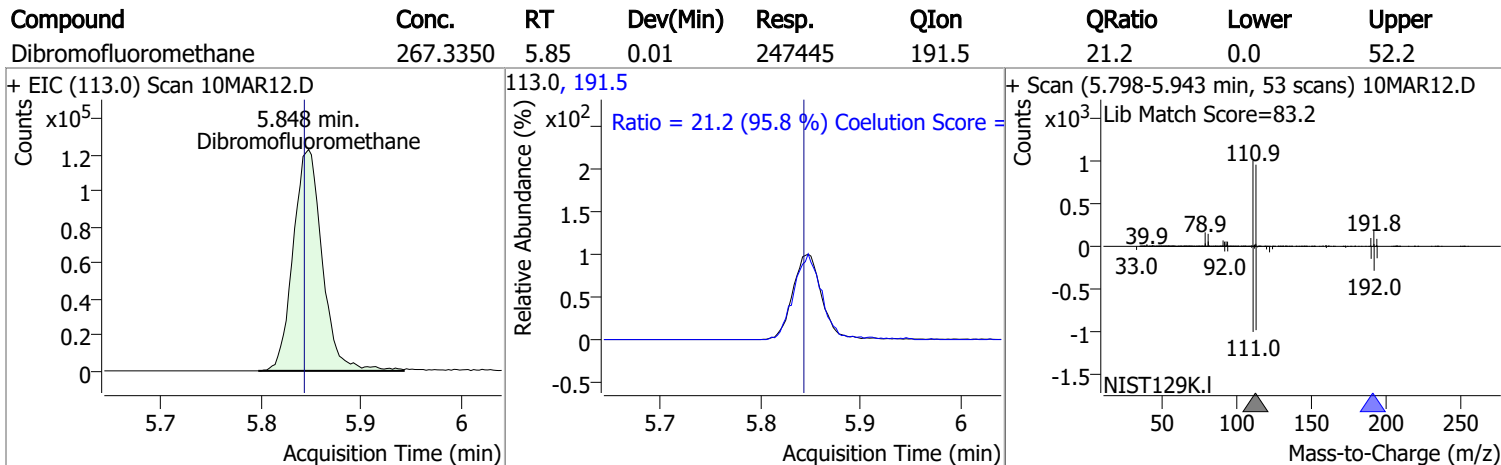
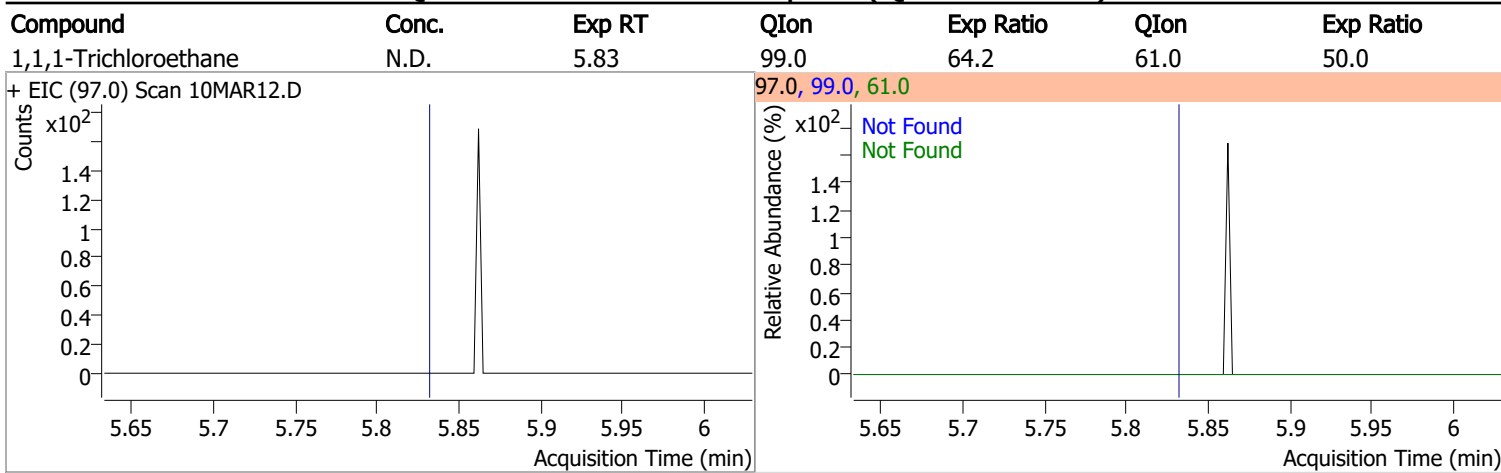
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	64.7

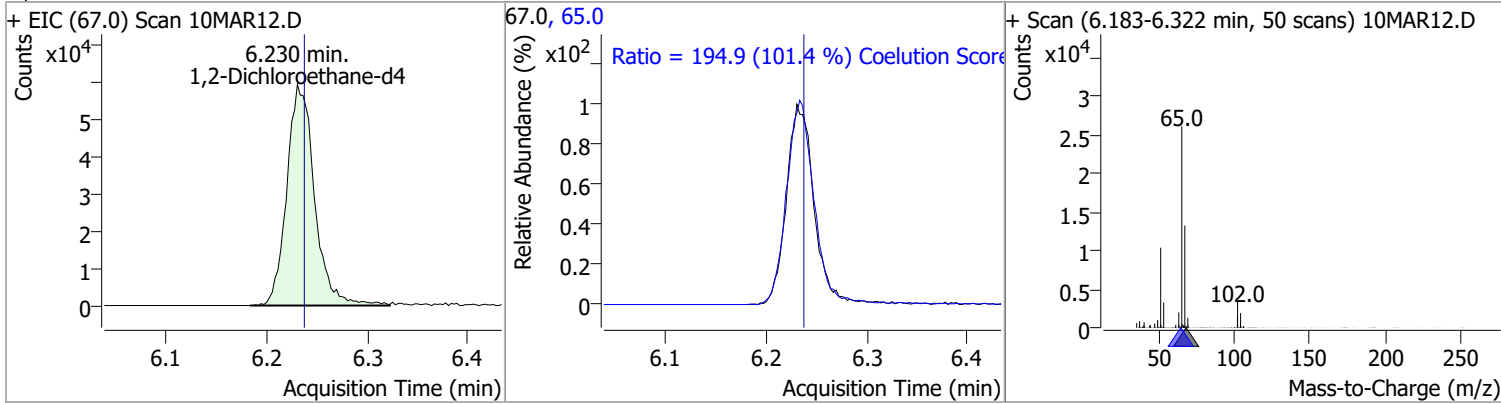


# Quantitation Results Report (QT Reviewed)

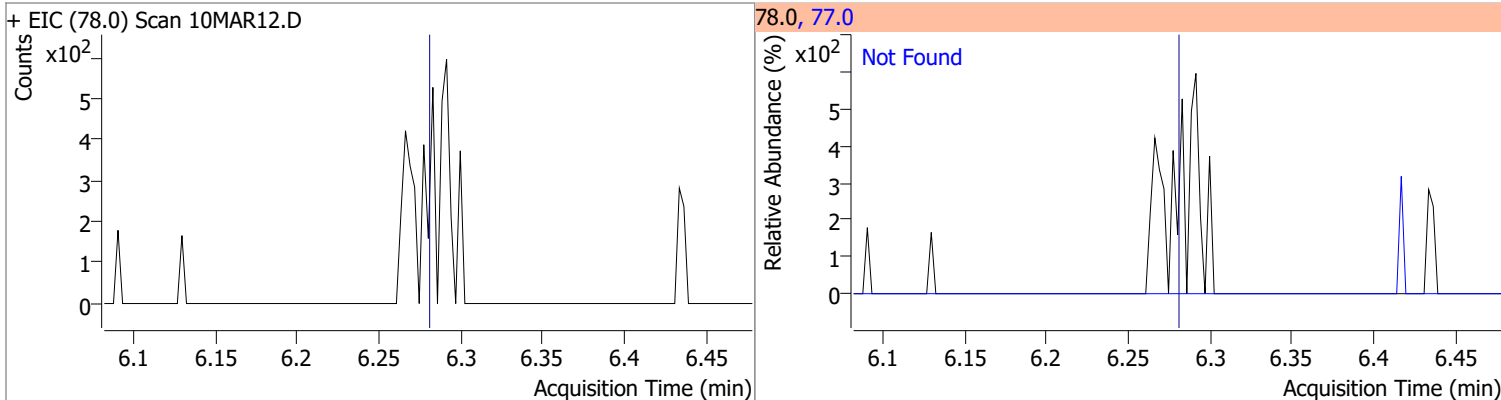


# Quantitation Results Report (QT Reviewed)

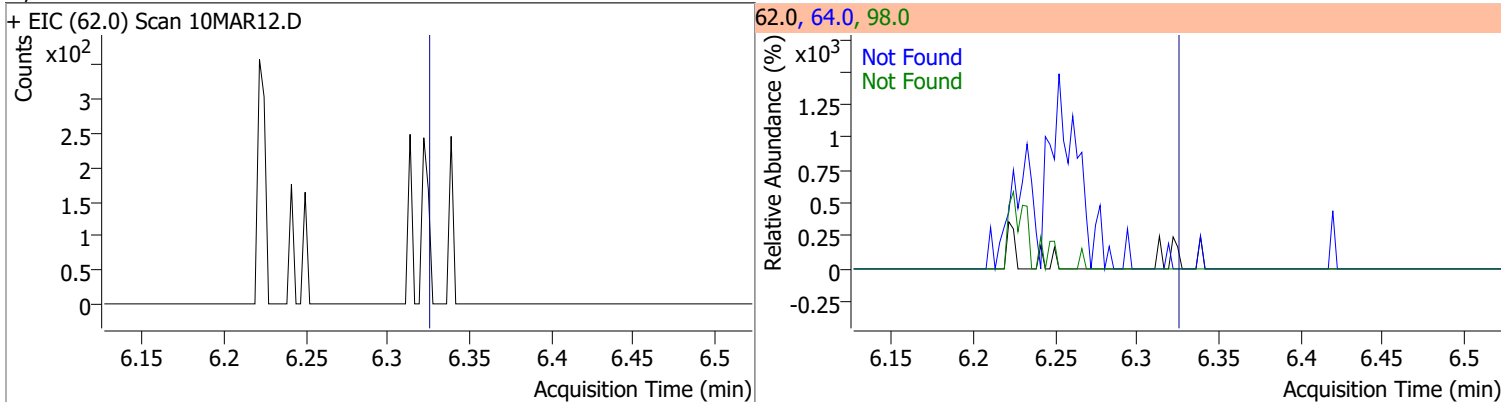
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	276.6418	6.23	-0.01	114296	65.0	194.9	162.2	222.2



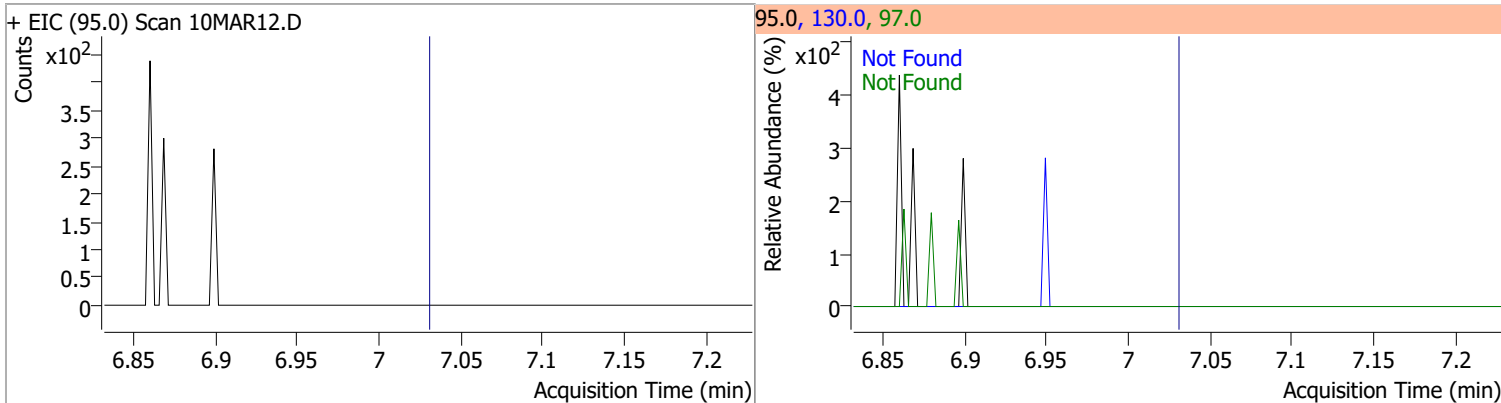
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



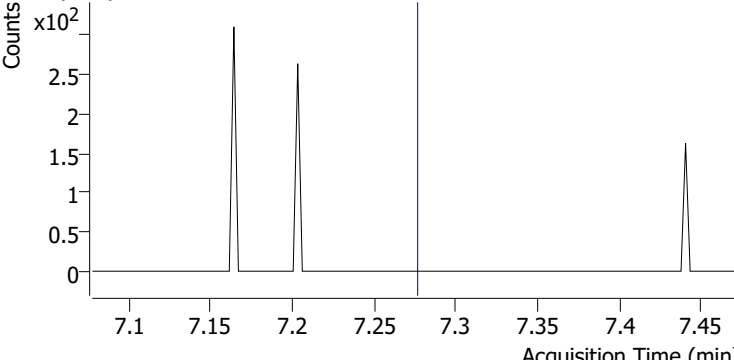
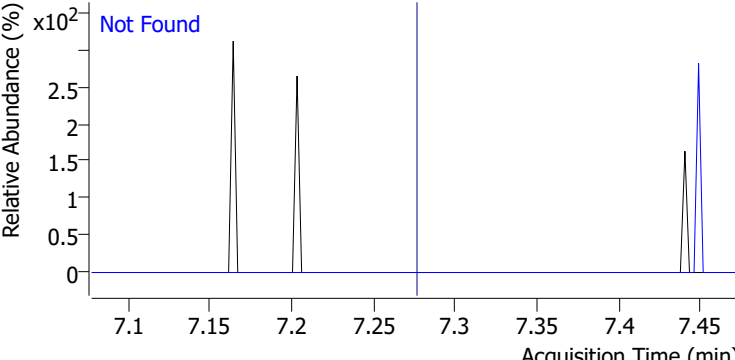
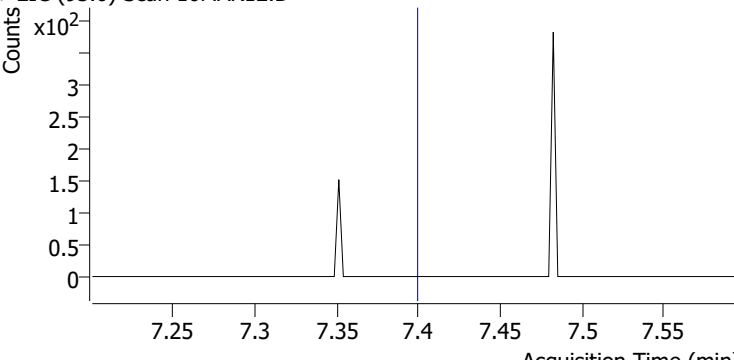
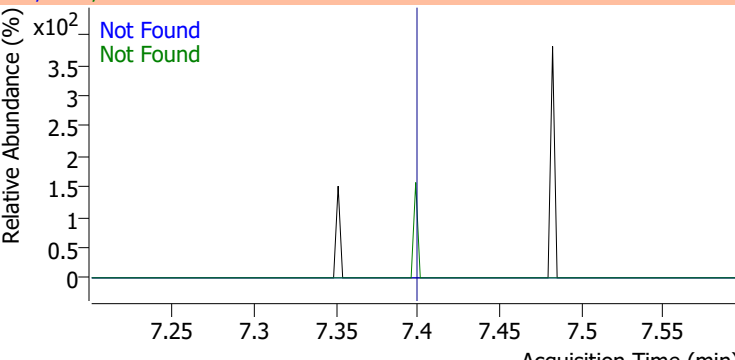
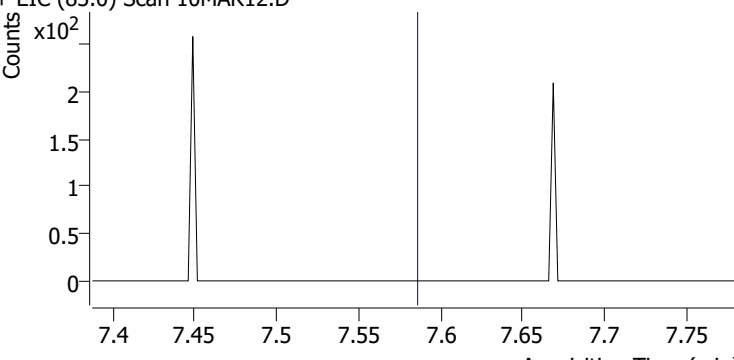
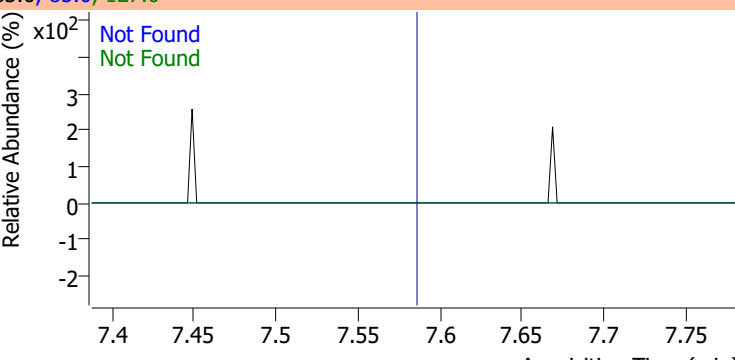
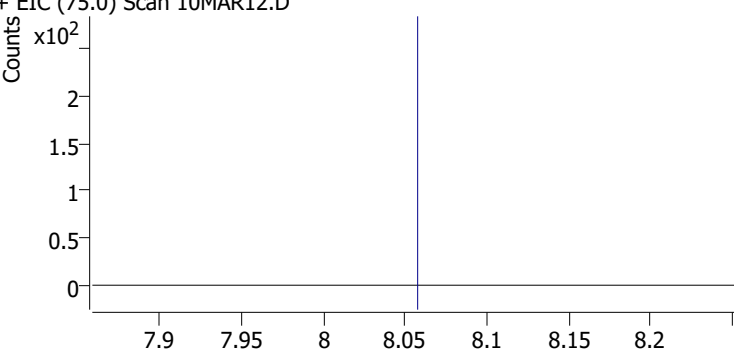
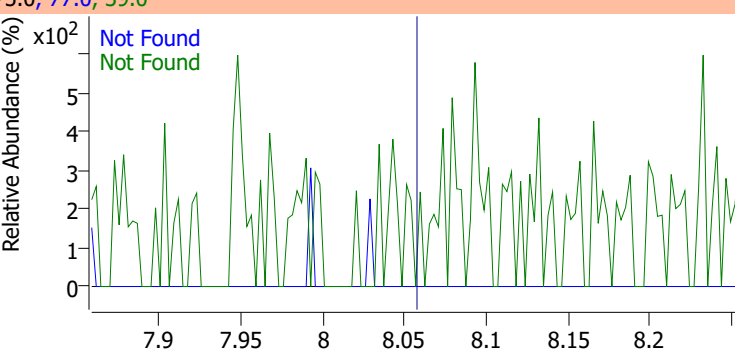
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

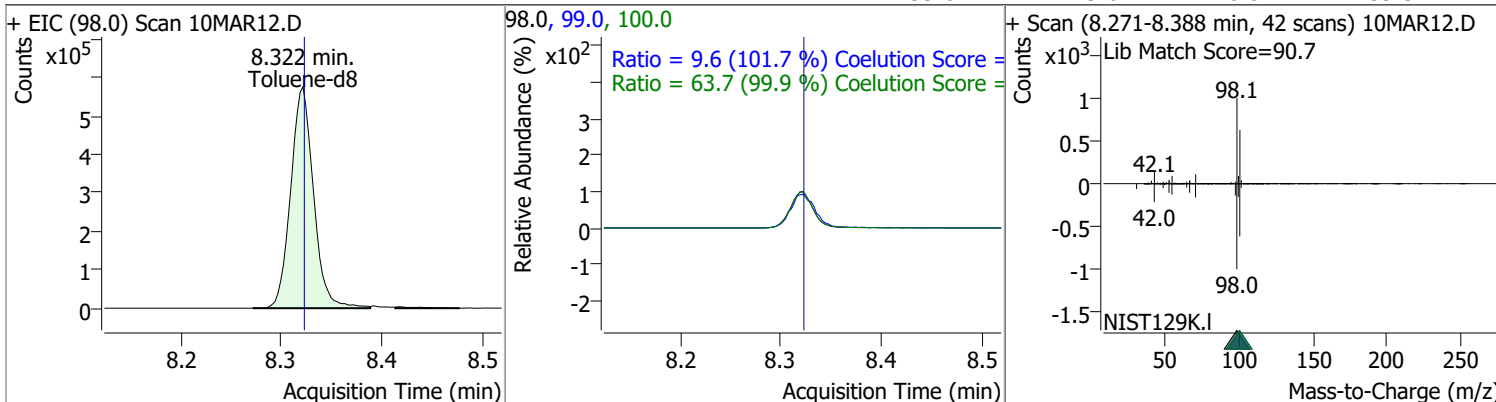


# Quantitation Results Report (QT Reviewed)

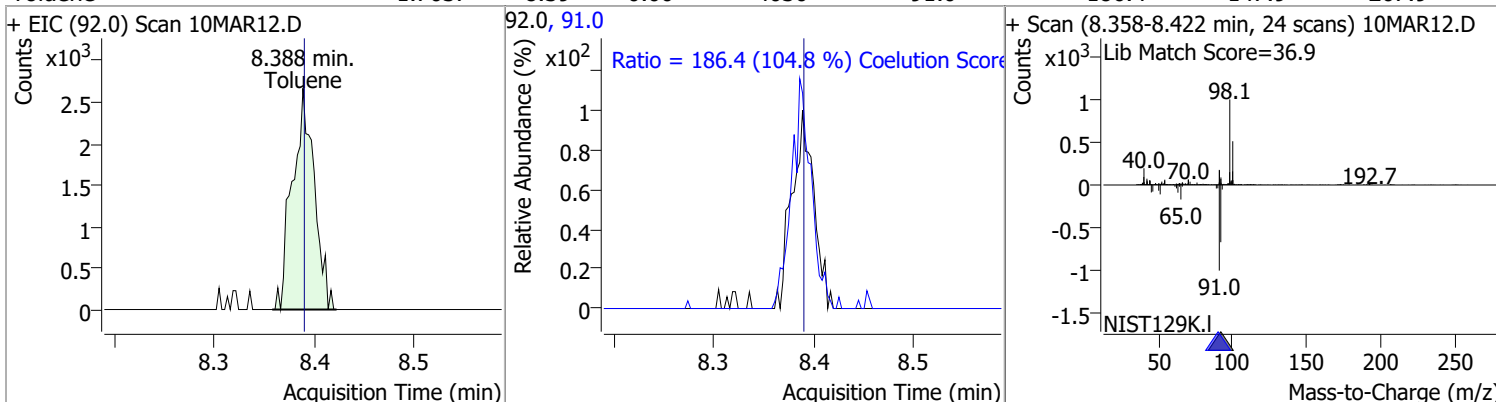
Compound	Conc.	Exp RT	QIon	Exp Ratio		
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR12.D			63.0, 76.0			
						
Dibromomethane	N.D.	7.40	173.5	108.6	QIon	Exp Ratio
+ EIC (93.0) Scan 10MAR12.D			93.0, 95.0, 173.5			
						
Bromodichloromethane	N.D.	7.59	85.0	63.2	QIon	Exp Ratio
+ EIC (83.0) Scan 10MAR12.D			83.0, 85.0, 127.0			
						
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	QIon	Exp Ratio
+ EIC (75.0) Scan 10MAR12.D			75.0, 77.0, 39.0			
						

# Quantitation Results Report (QT Reviewed)

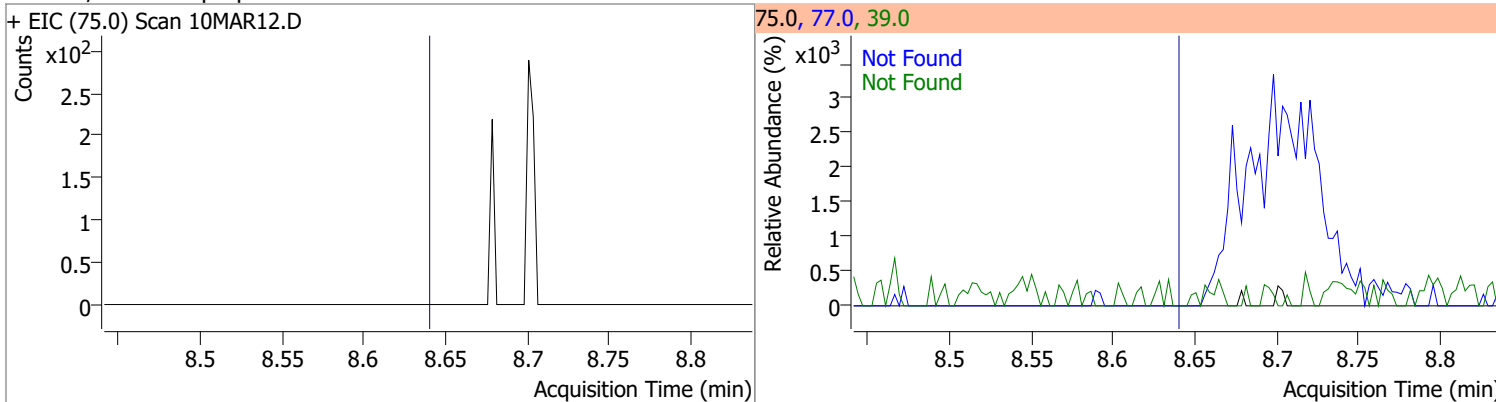
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	237.9718	8.32	0.00	909572	100.0	63.7	33.7	93.7
					99.0	9.6	0.0	39.5



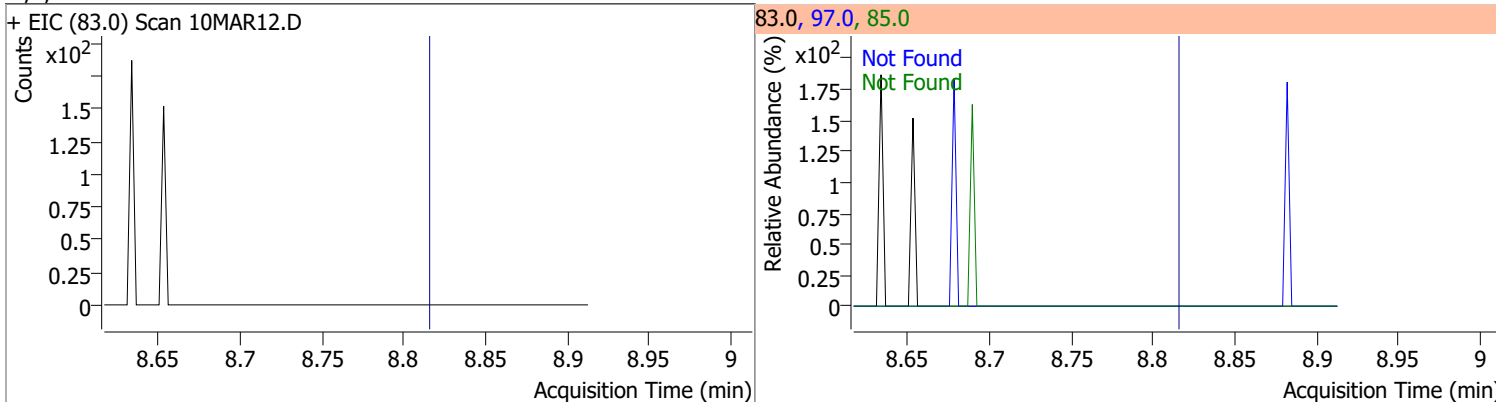
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	1.7037	8.39	0.00	4030	91.0	186.4	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

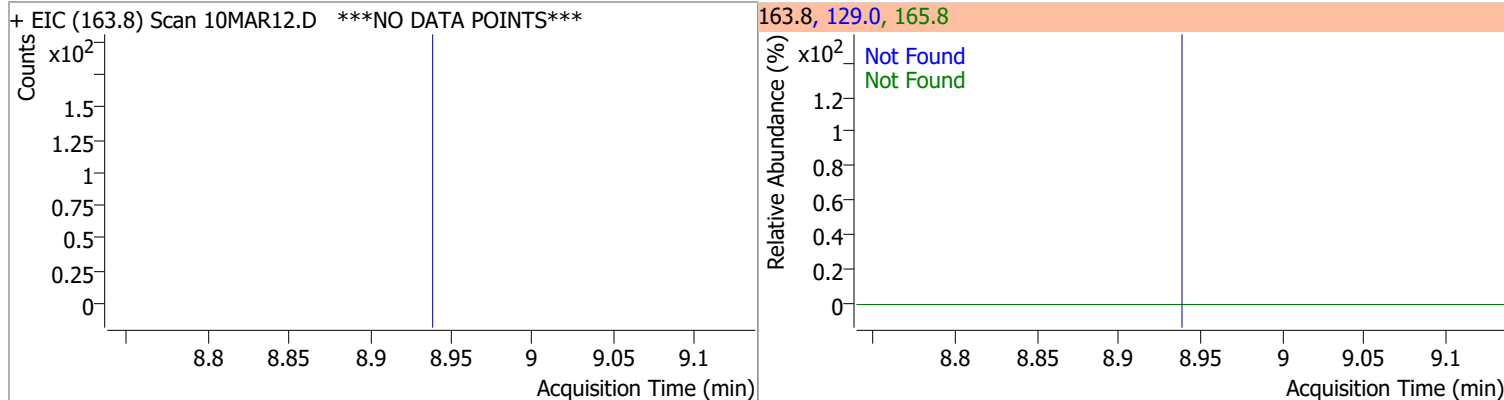


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

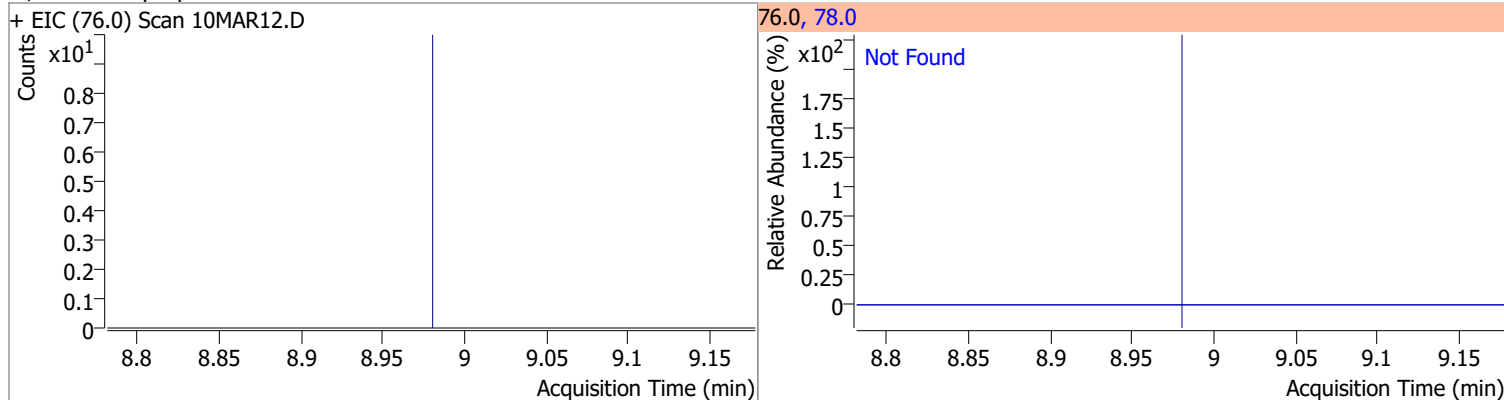


# Quantitation Results Report (QT Reviewed)

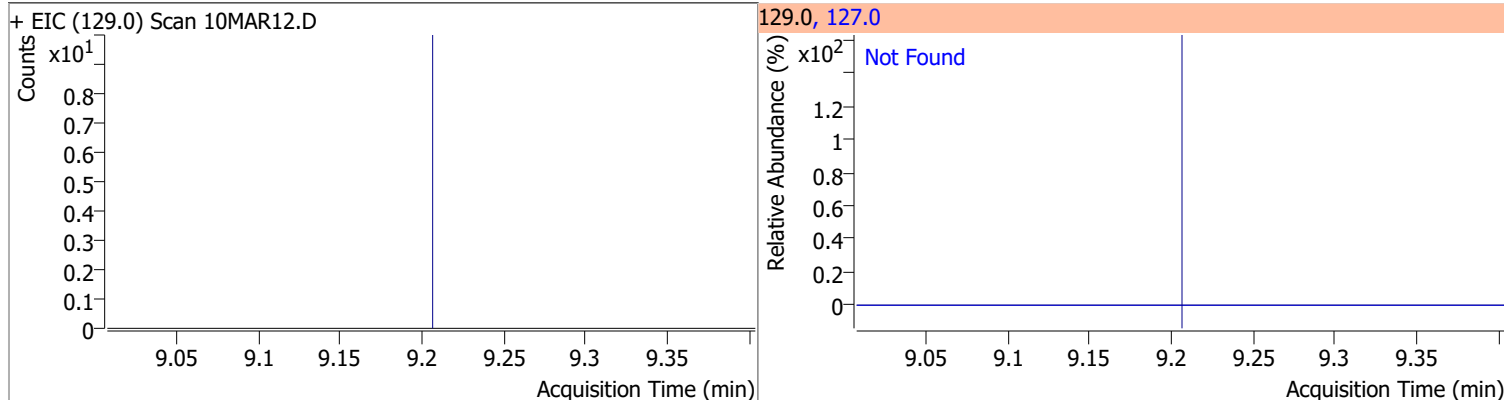
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



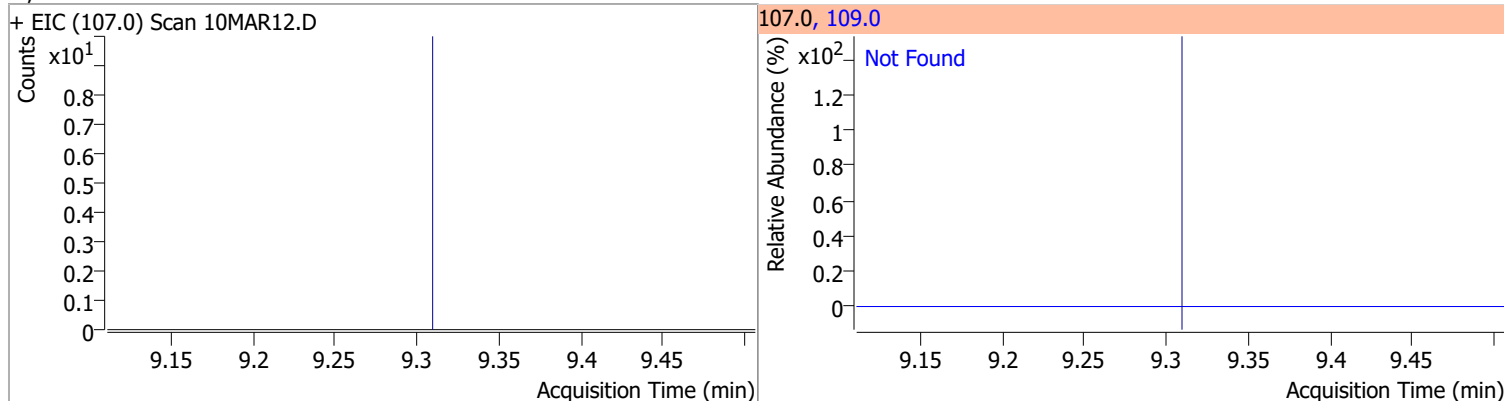
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1

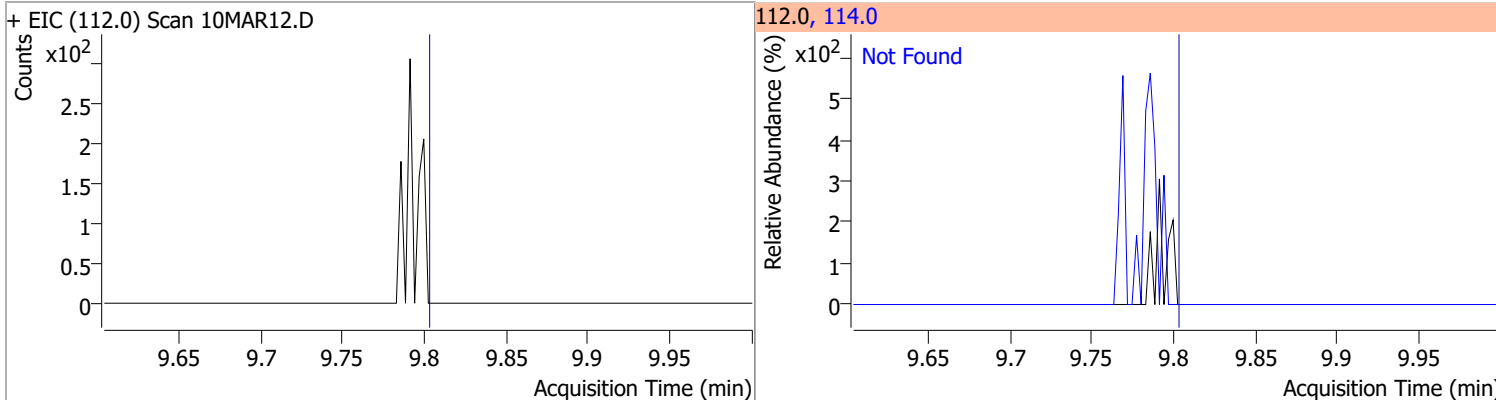


Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4

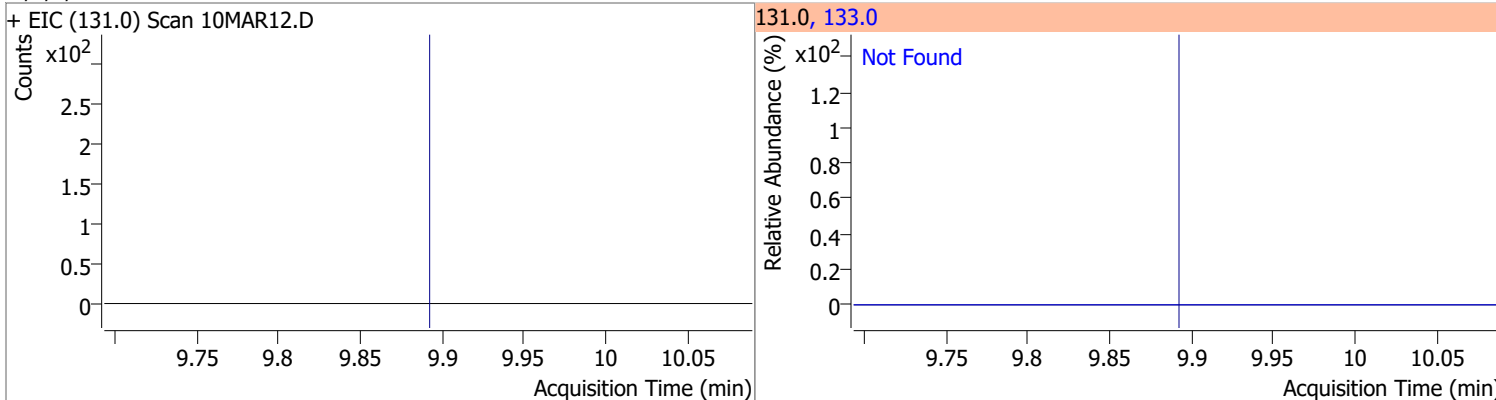


# Quantitation Results Report (QT Reviewed)

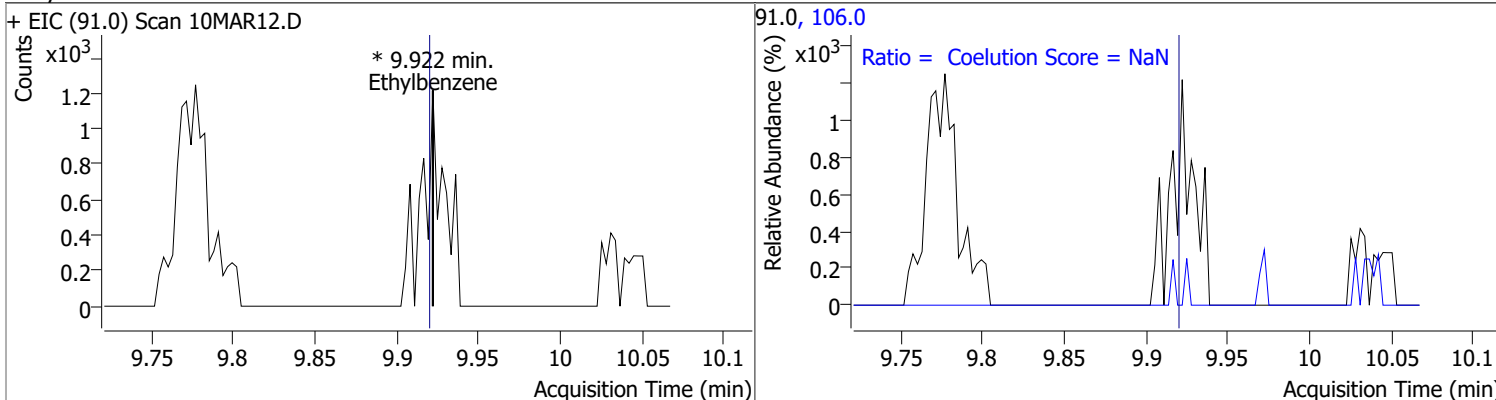
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6



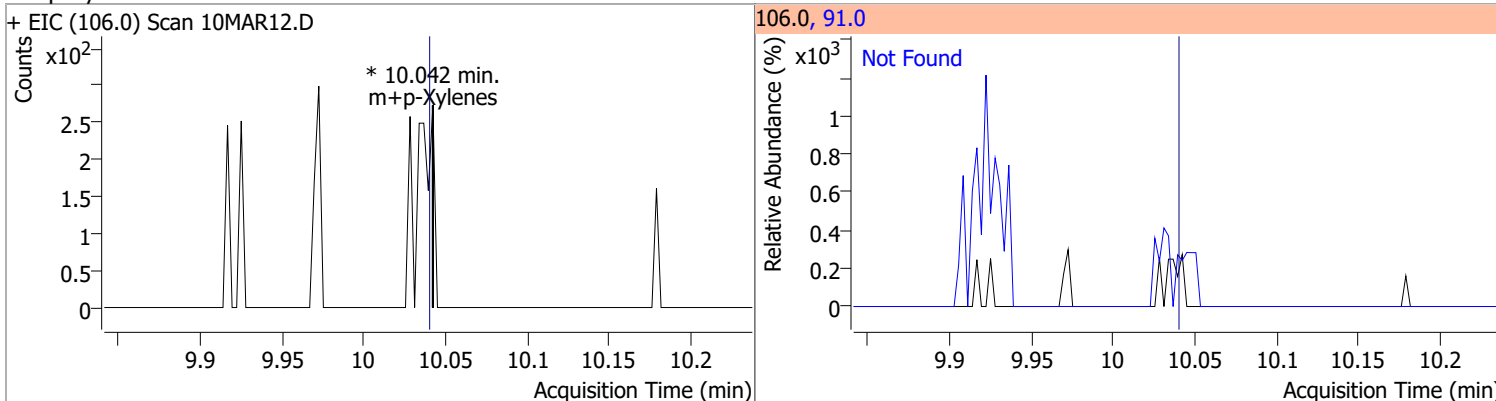
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9



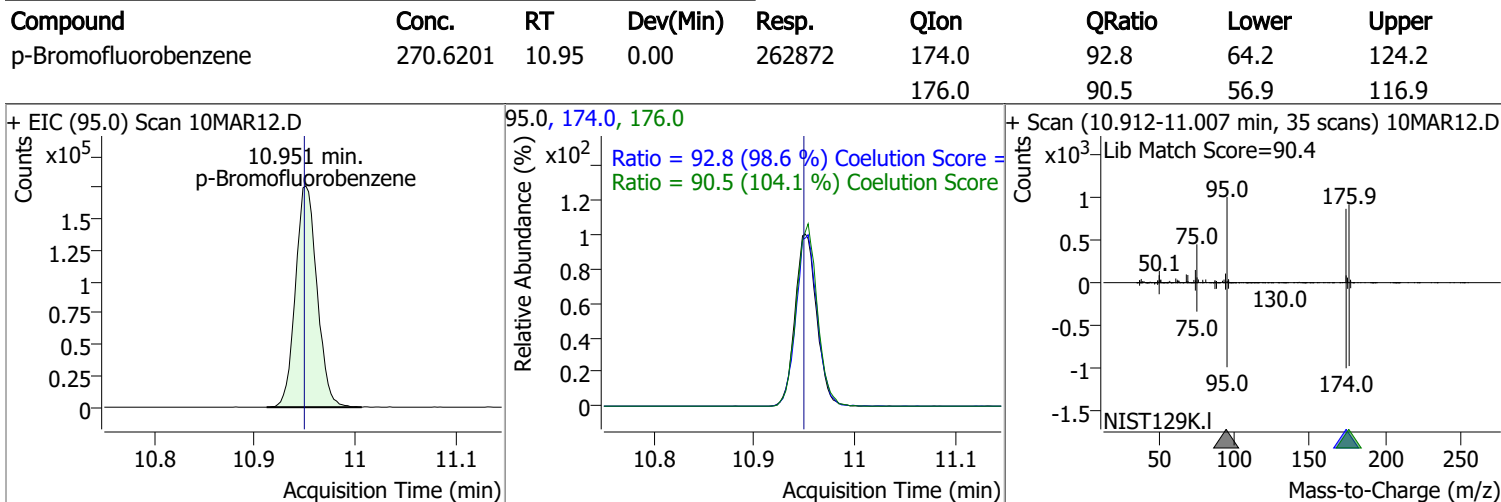
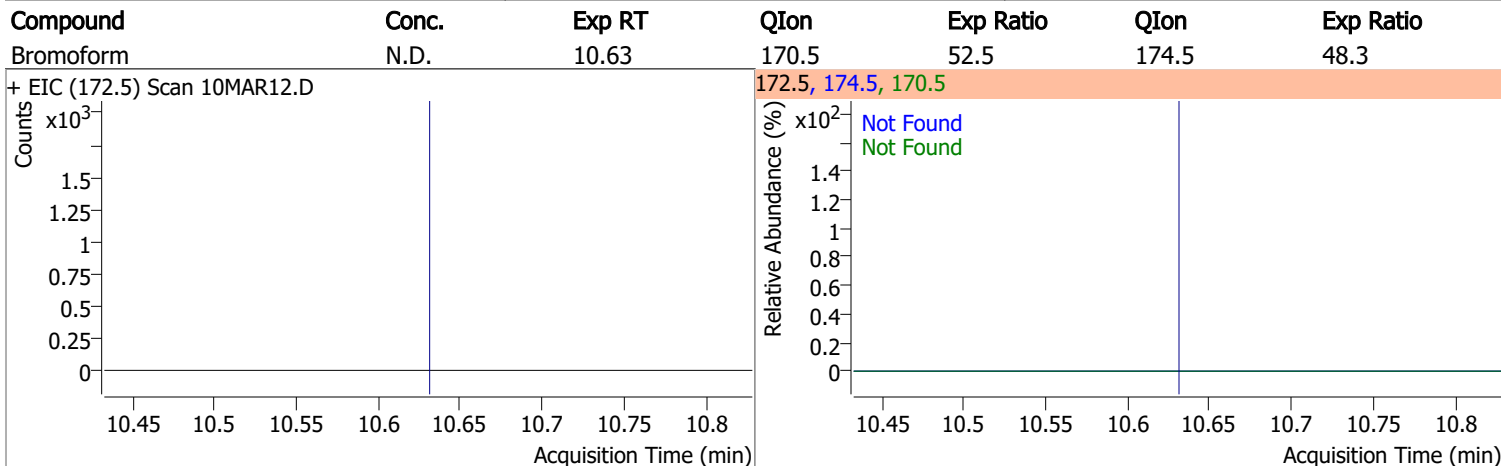
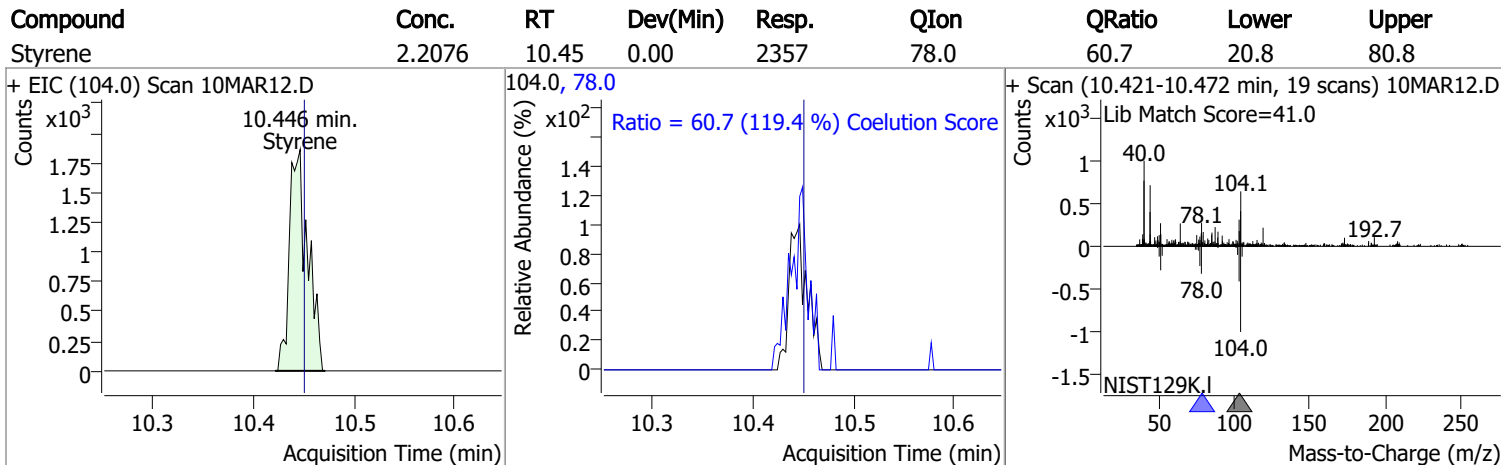
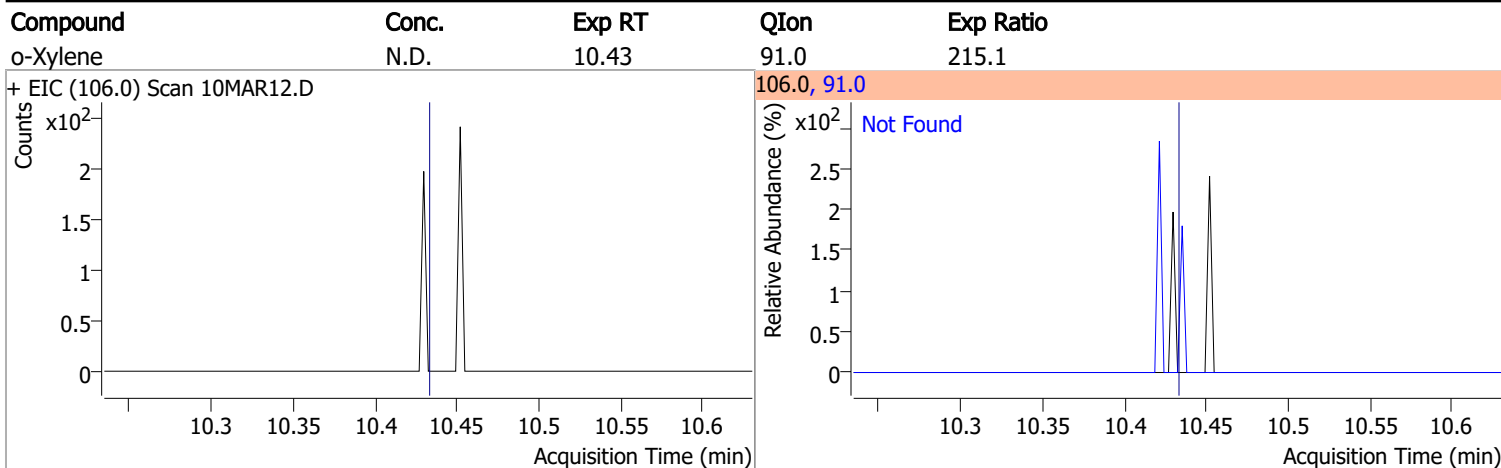
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene		0		0	106.0		1.2	61.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		173.1	233.1



# Quantitation Results Report (QT Reviewed)

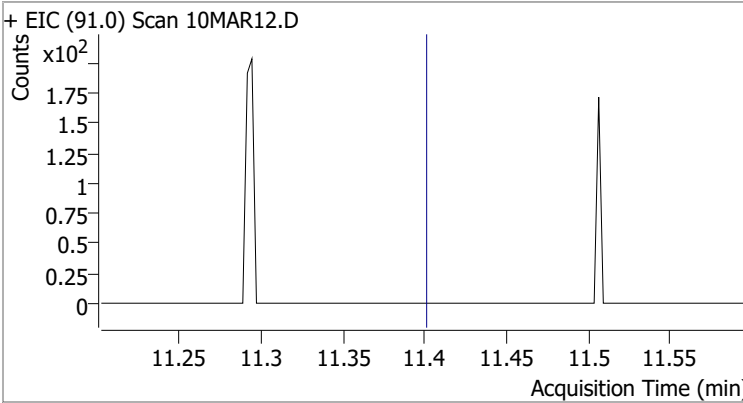
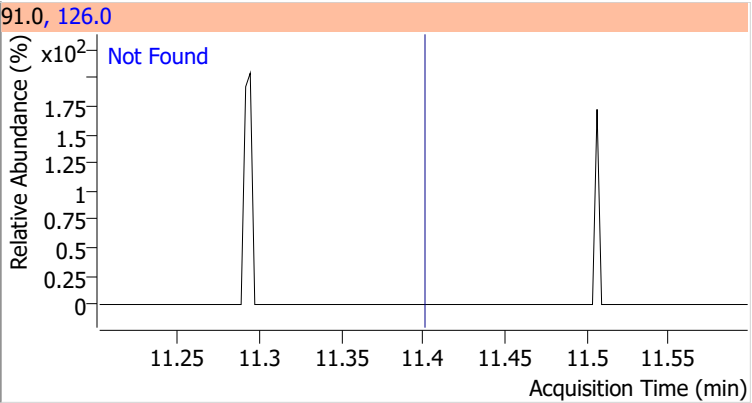
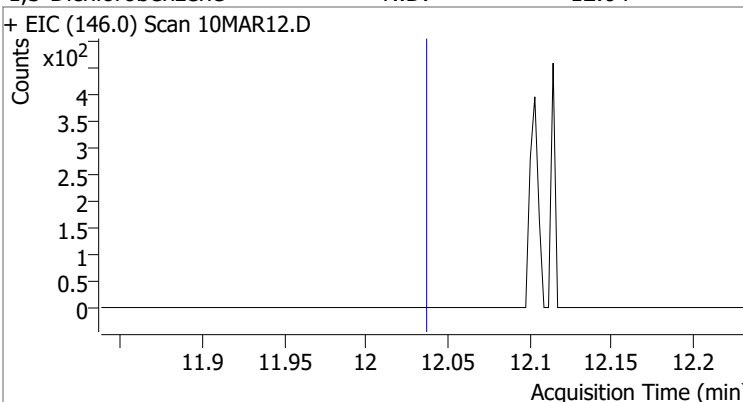
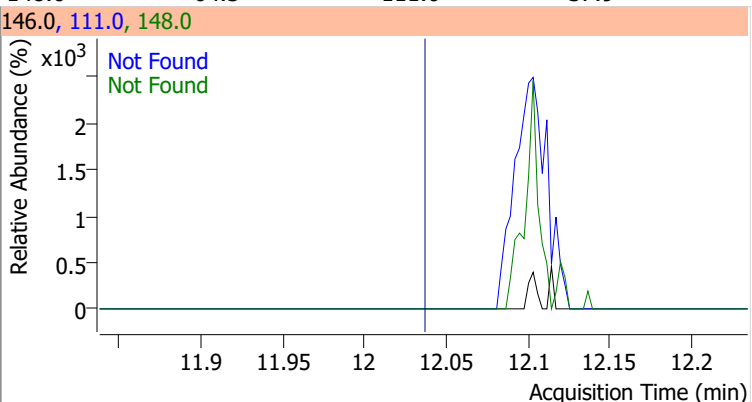
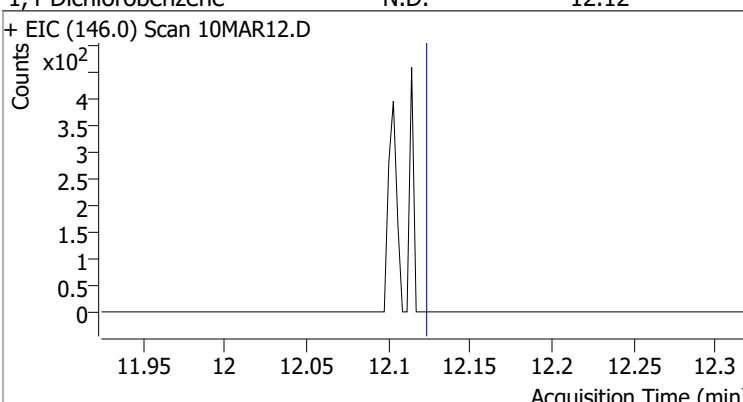
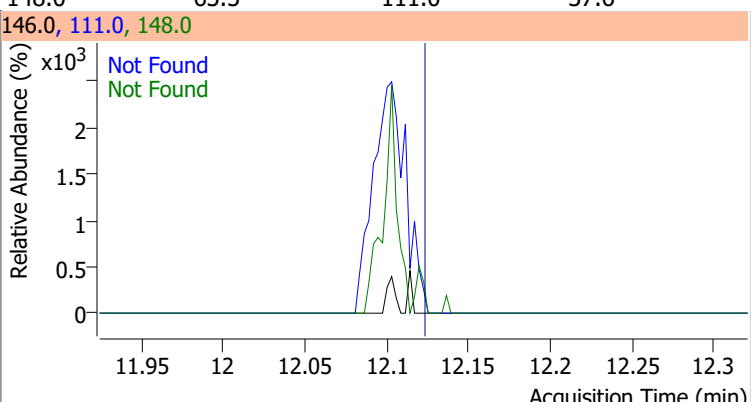
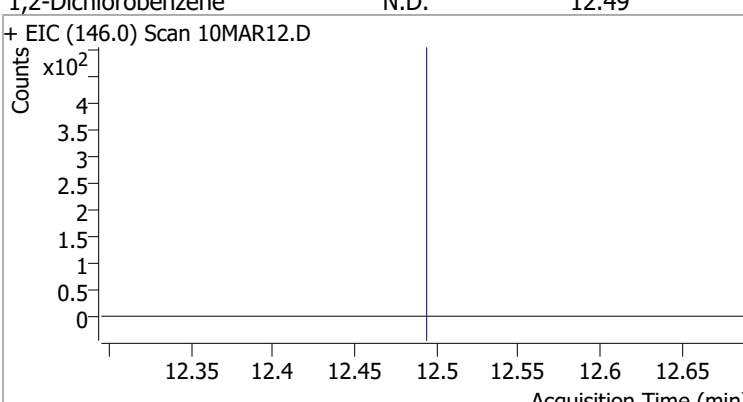
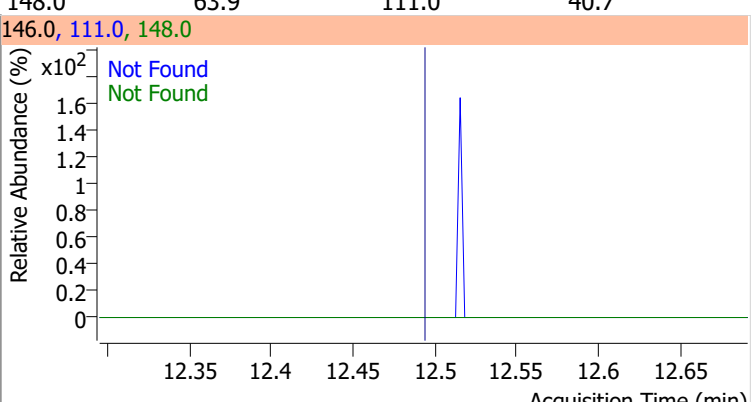




# Quantitation Results Report (QT Reviewed)

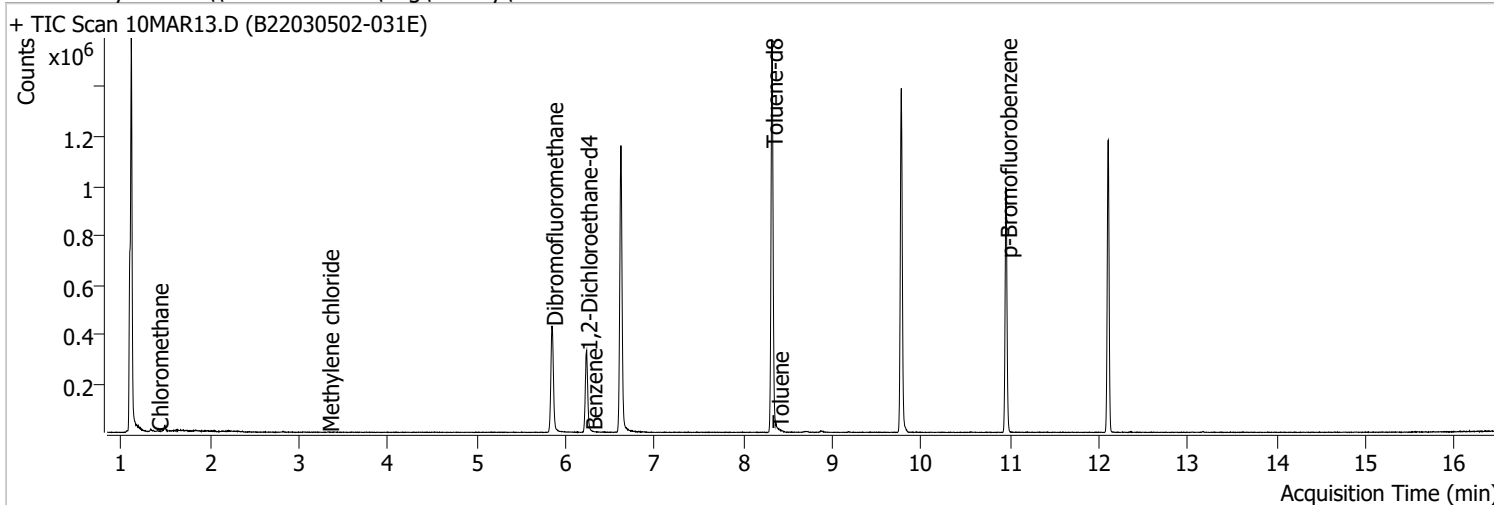
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR12.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR12.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR12.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR12.D ***NO DATA POINTS***			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR12.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	111.0	37.9
+ EIC (146.0) Scan 10MAR12.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	111.0	37.6
+ EIC (146.0) Scan 10MAR12.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	111.0	40.7
+ EIC (146.0) Scan 10MAR12.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR13.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 5:34:31 PM
Sample Name	B22030502-031E	Instrument	VOA5975C
Vial	13	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



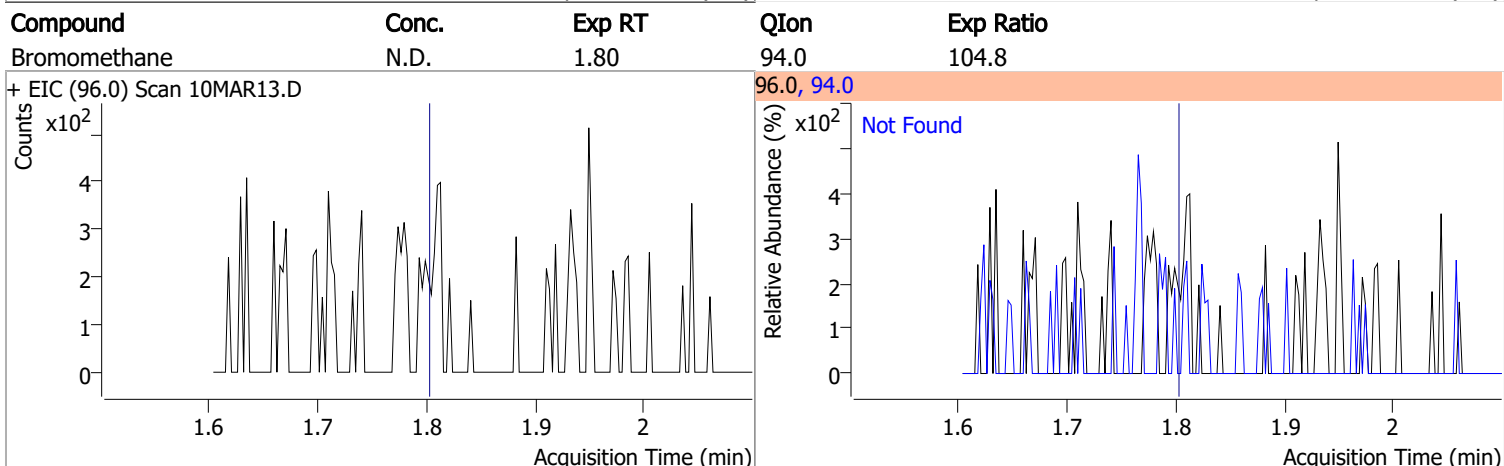
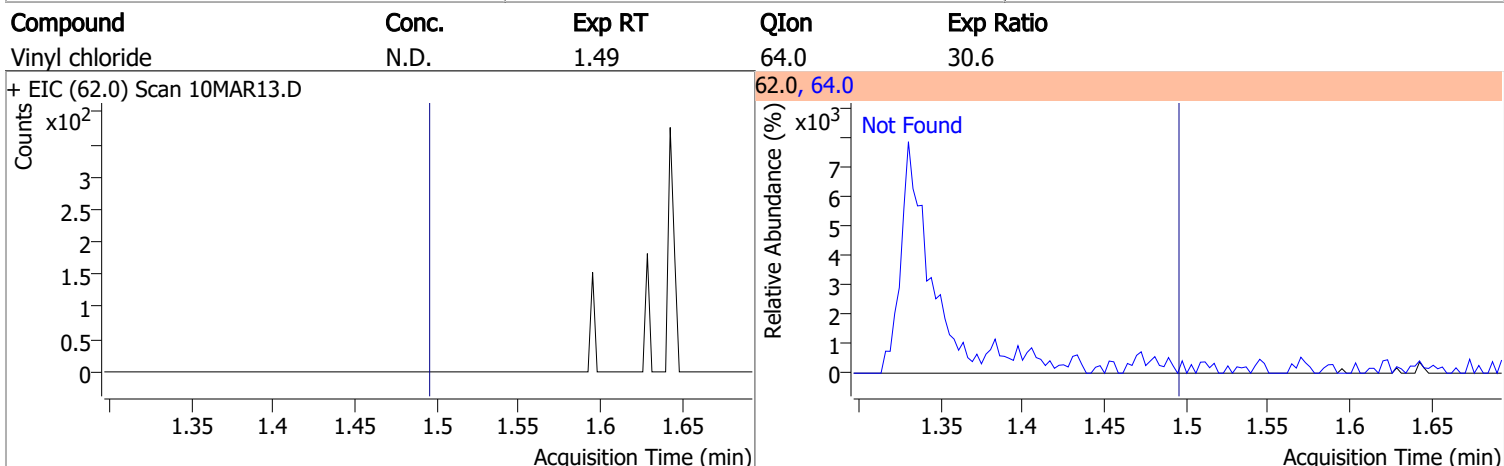
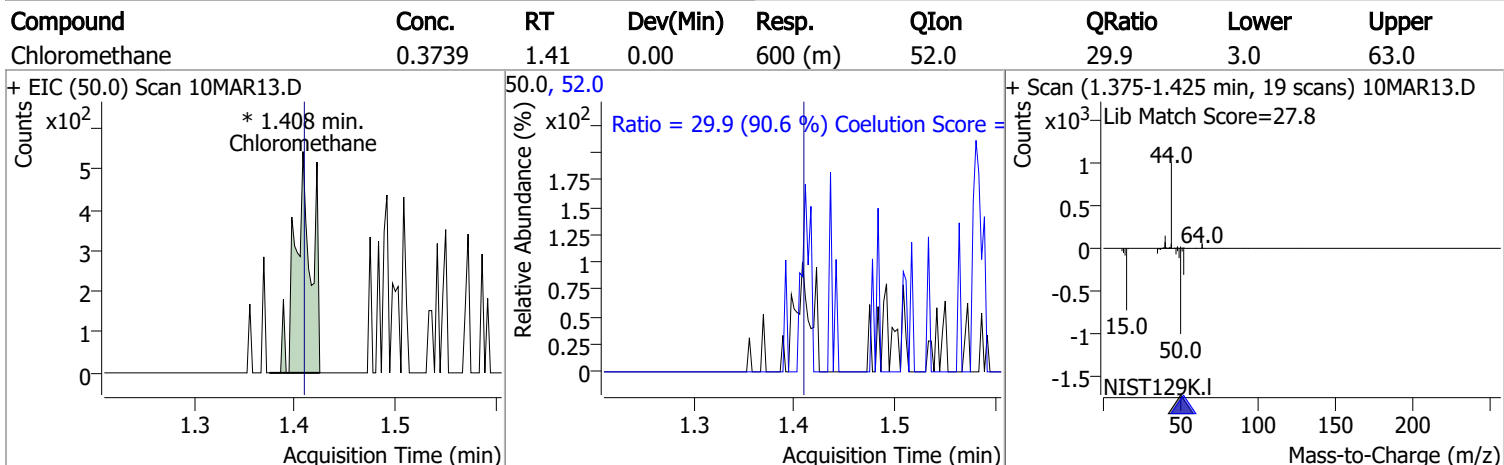
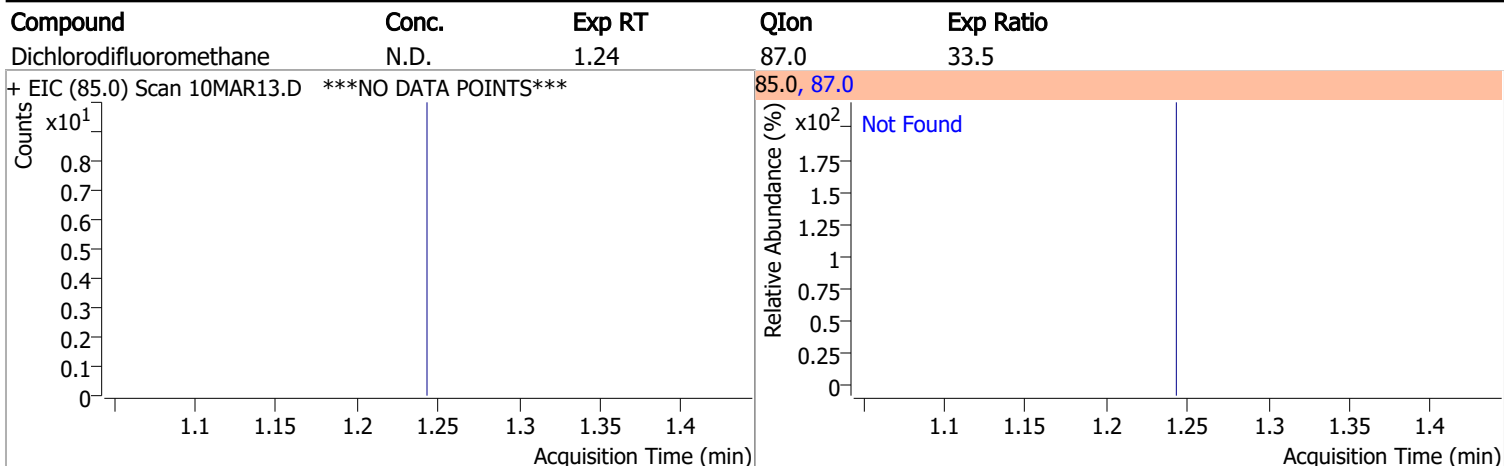
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	958041	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	380573	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	280261	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	262719	269.8849	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.95%		
S 1,2-Dichloroethane-d4	6.233	67.0	116593	268.3300	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 107.33%		
S Toluene-d8	8.319	98.0	965108	237.8734	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.15%		
S p-Bromofluorobenzene	10.954	95.0	274553	265.6763	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.27%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.408	50.0	600	0.3739	ng	m 94
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.327	49.0	830	0.5621	ng	m 73
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

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	6.291	78.0	291	0.0747	ng	m	88
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	637	0.2535	ng	m	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	0.000		0	N.D.			
T m+p-Xylenes	0.000		0	N.D.			
T o-Xylene	0.000		0	N.D.			
T Styrene	0.000		0	N.D.			
T Bromoform	0.000		0	N.D.			
T Bromobenzene	0.000		0	N.D.			
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
T 1,2,3-Trichloropropane	0.000		0	N.D.			
T 2-Chlorotoluene	0.000		0	N.D.			
T 4-Chlorotoluene	0.000		0	N.D.			
T 1,3-Dichlorobenzene	0.000		0	N.D.			
T 1,4-Dichlorobenzene	0.000		0	N.D.			
T 1,2-Dichlorobenzene	0.000		0	N.D.			

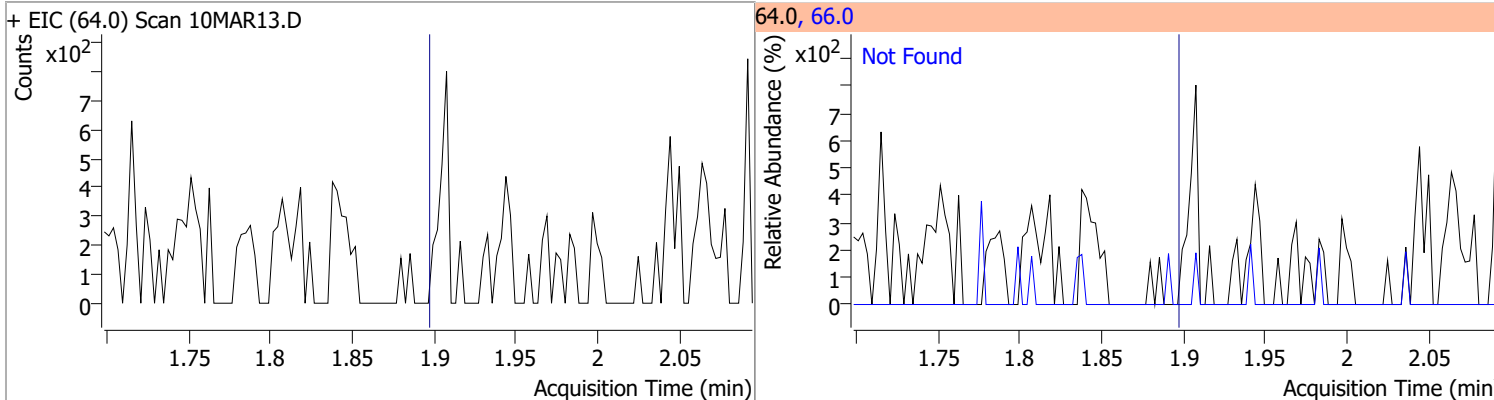
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

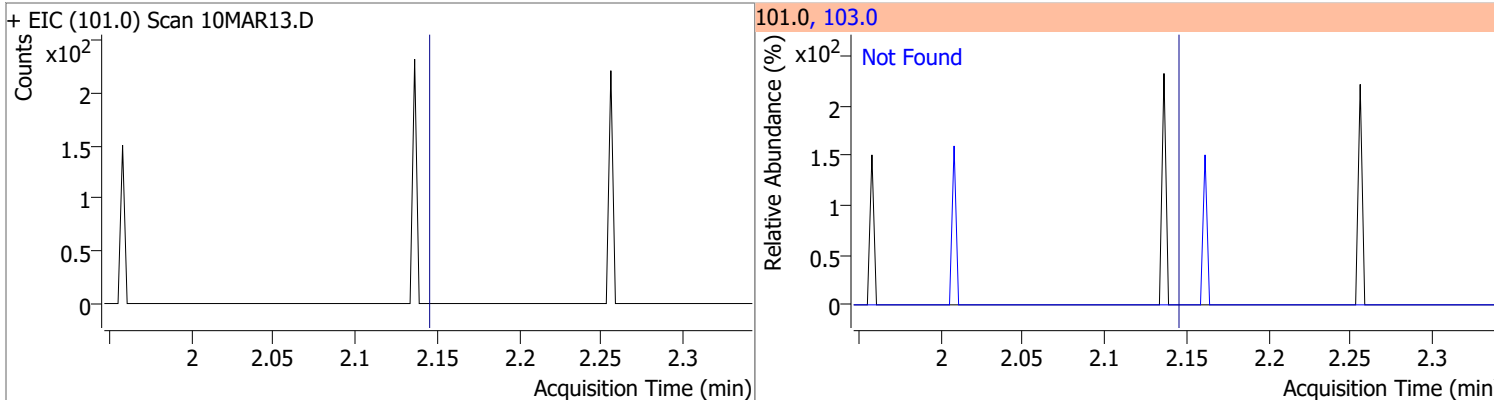


# Quantitation Results Report (QT Reviewed)

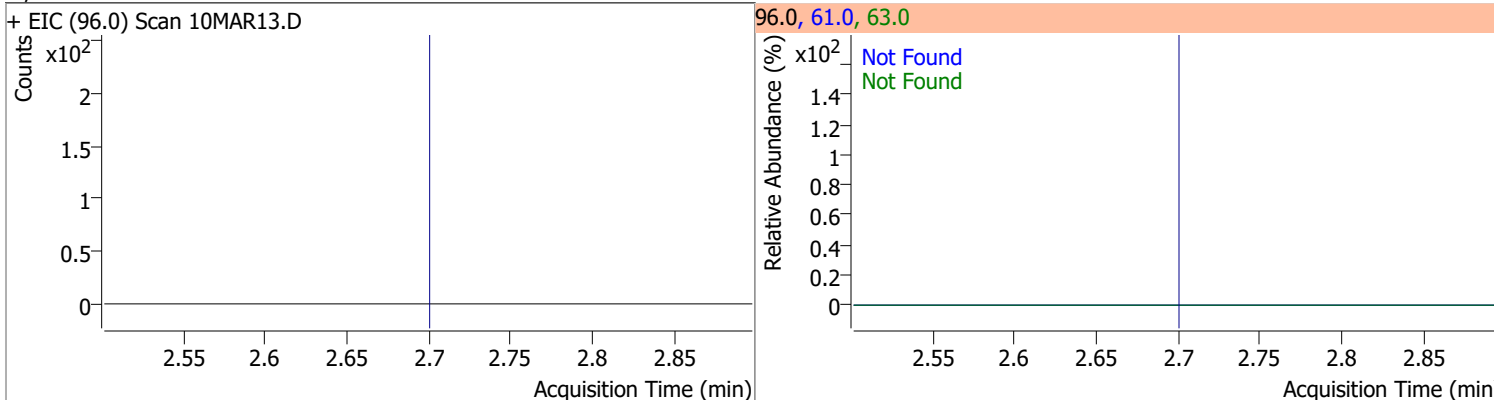
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



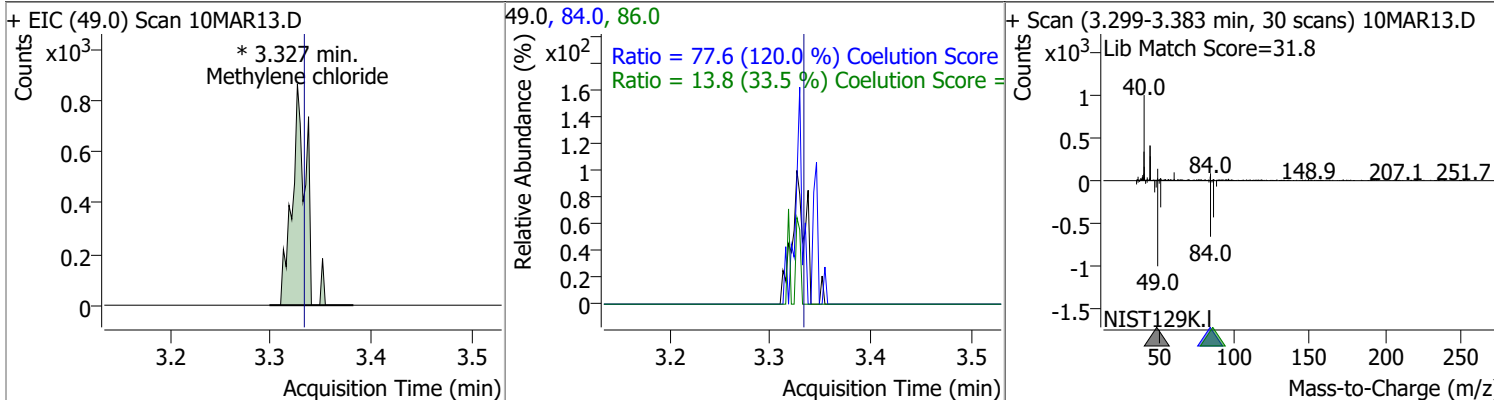
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



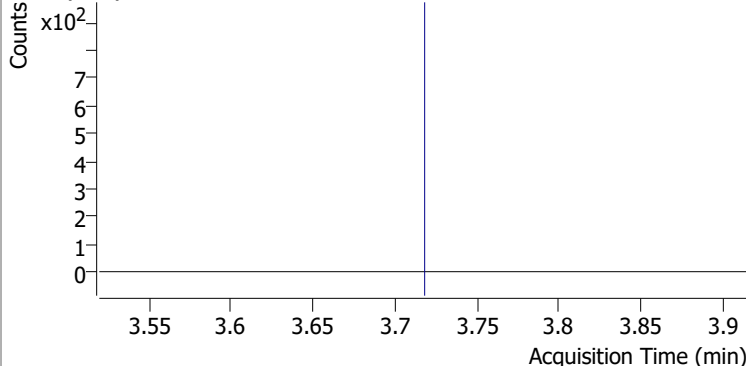
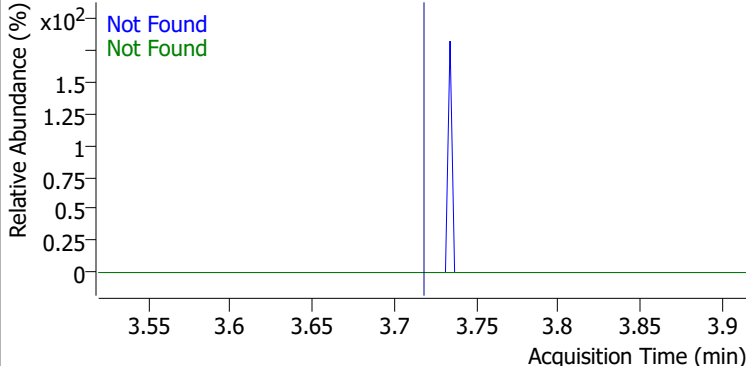
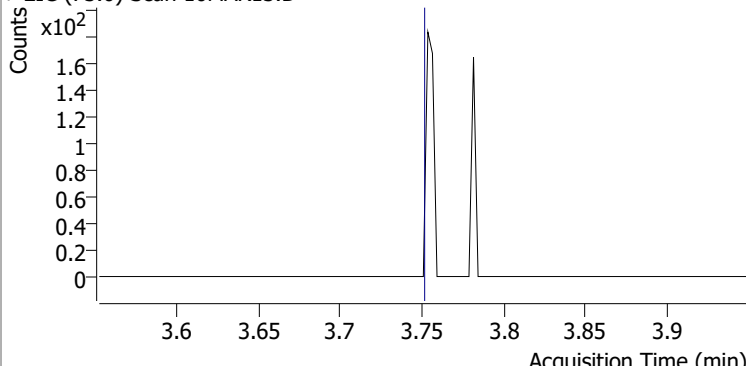
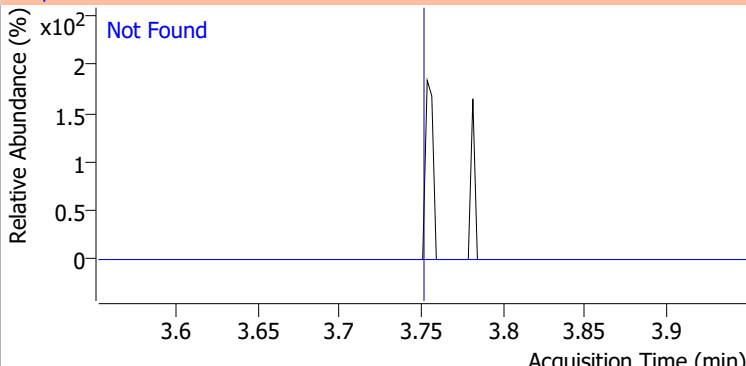
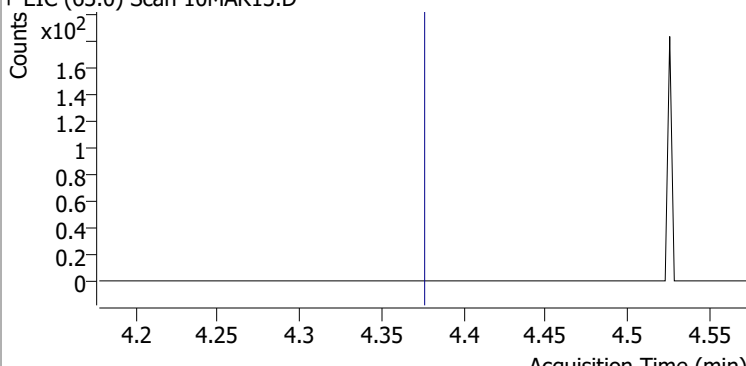
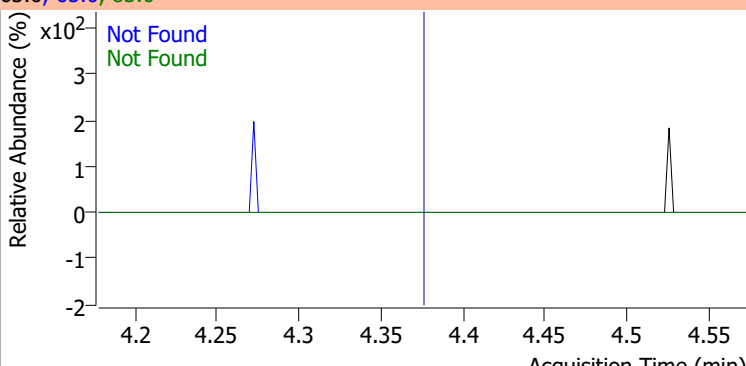
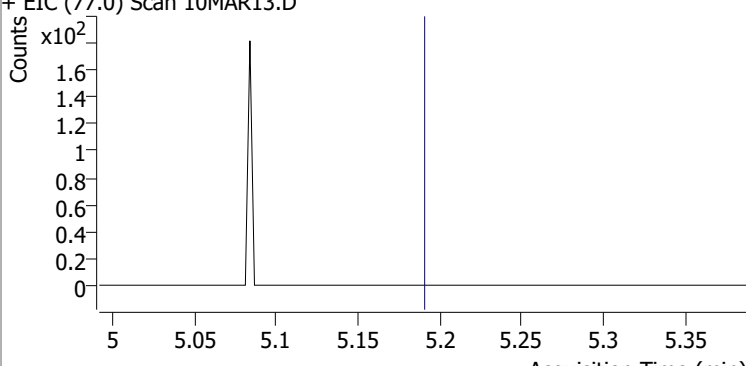
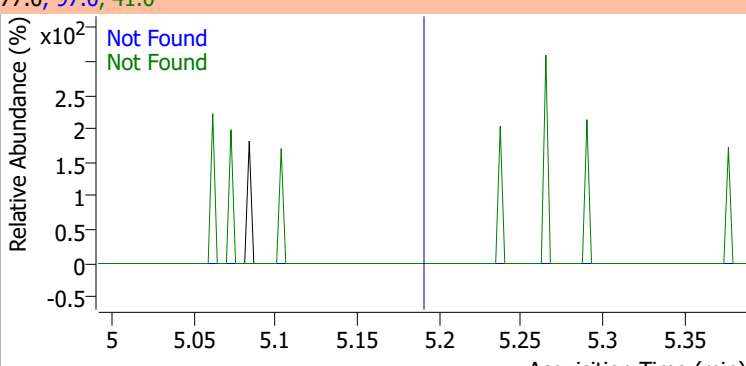
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	0.5621	3.33	-0.01	830 (m)	84.0	77.6	34.7	94.7
					86.0	13.8	11.1	71.1

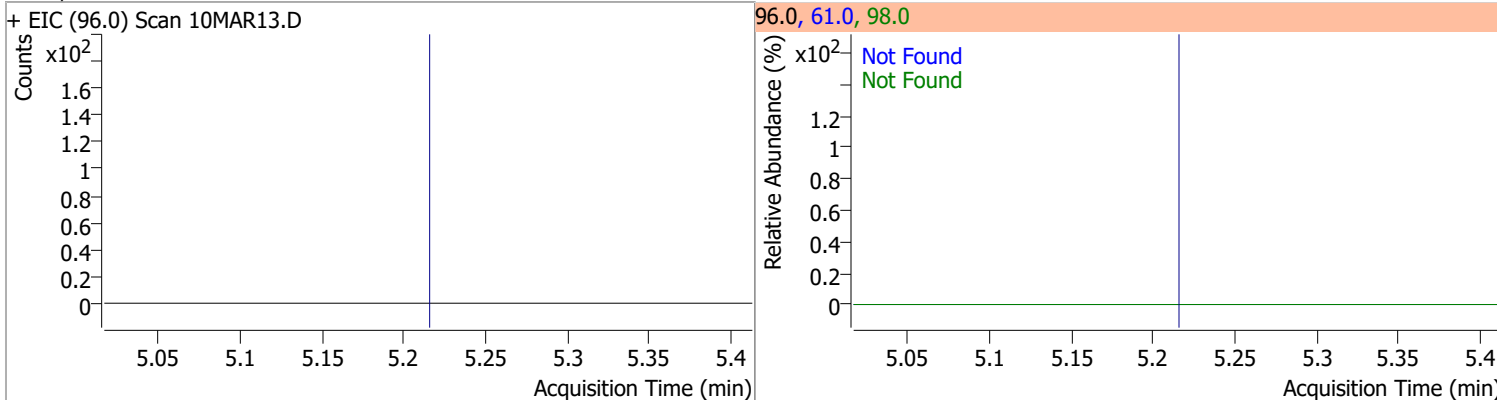


# Quantitation Results Report (QT Reviewed)

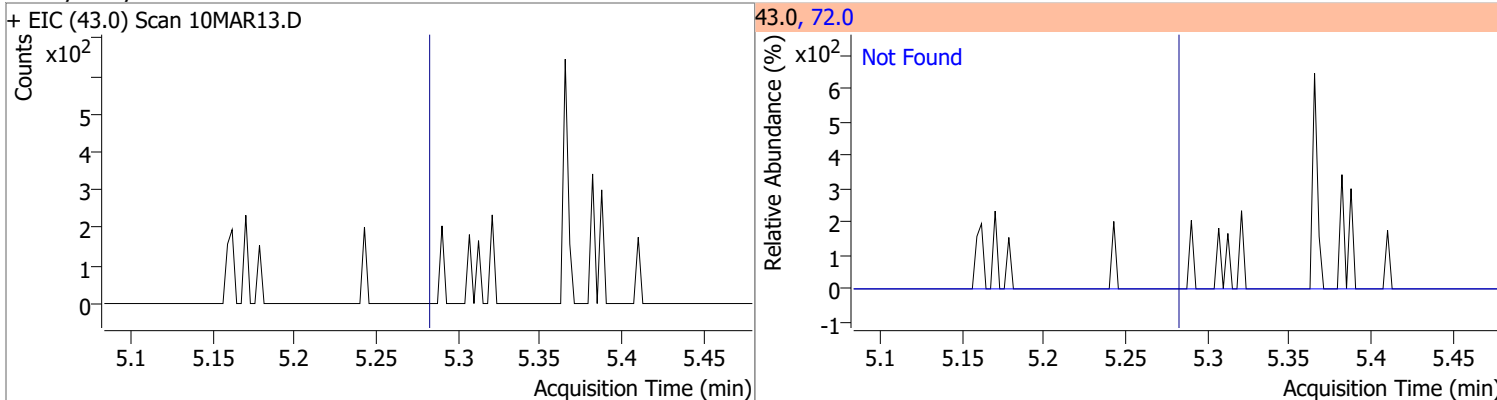
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 10MAR13.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 10MAR13.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 10MAR13.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 10MAR13.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

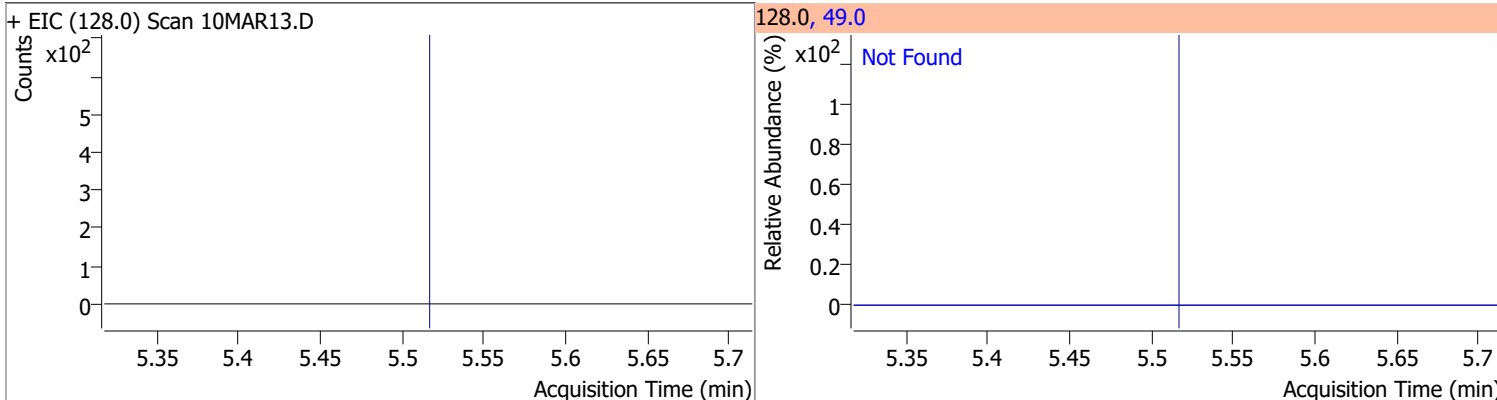
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



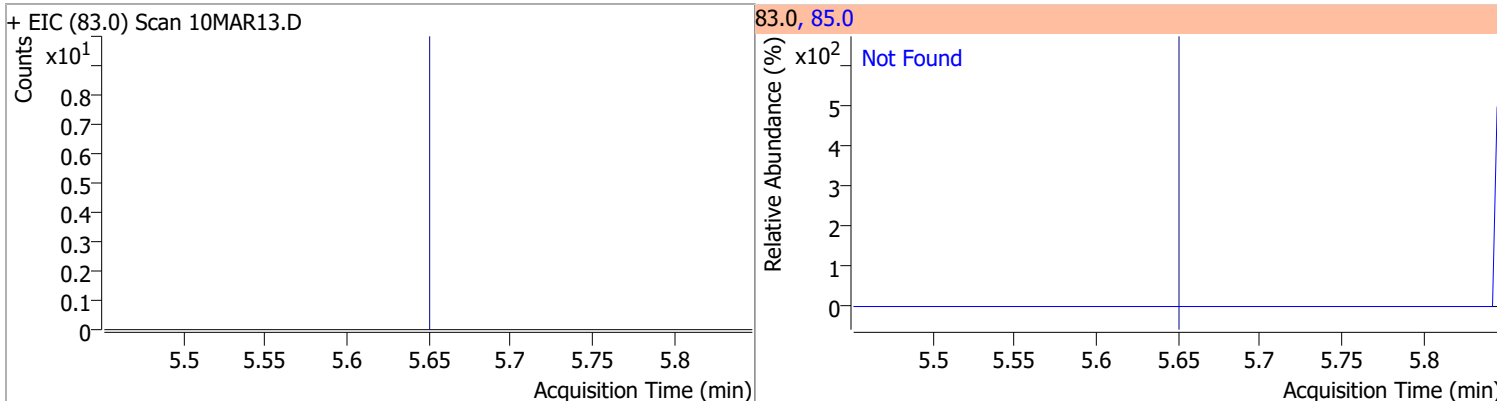
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1

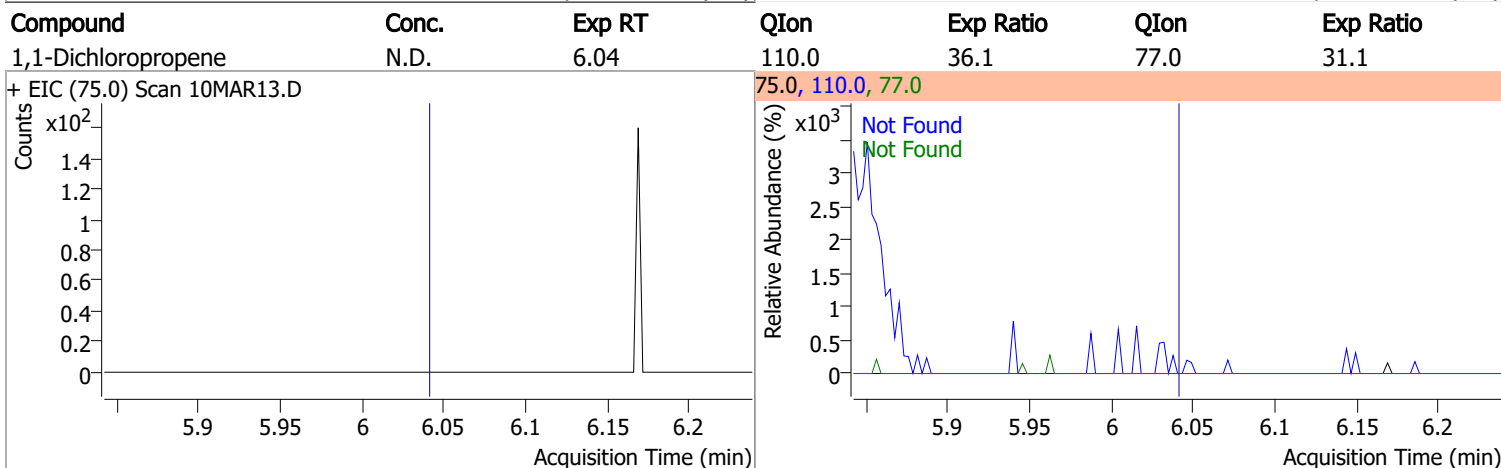
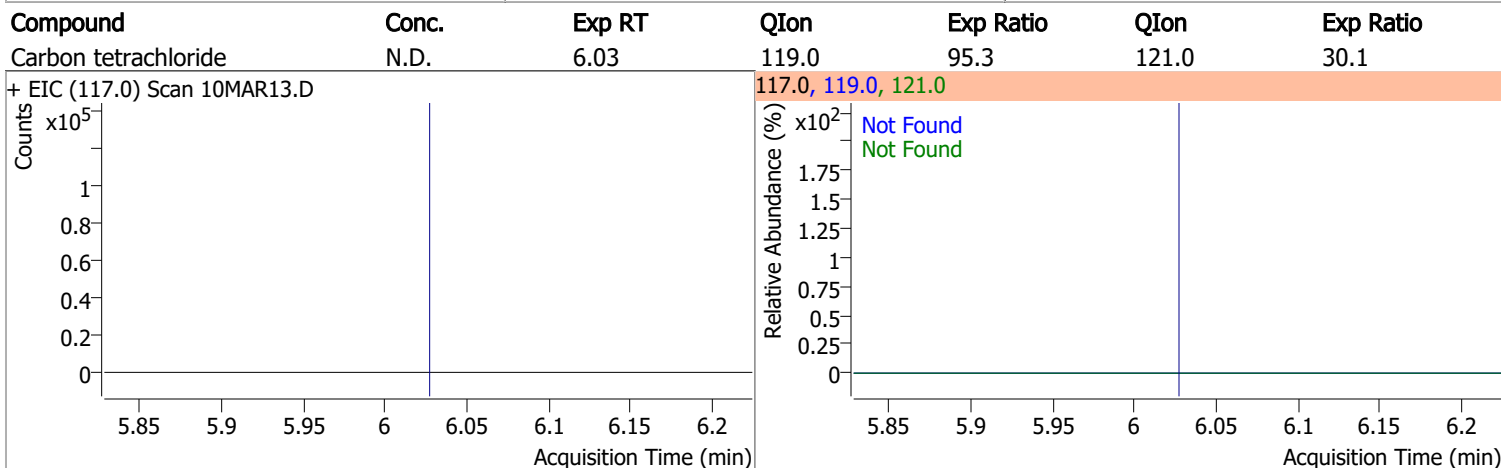
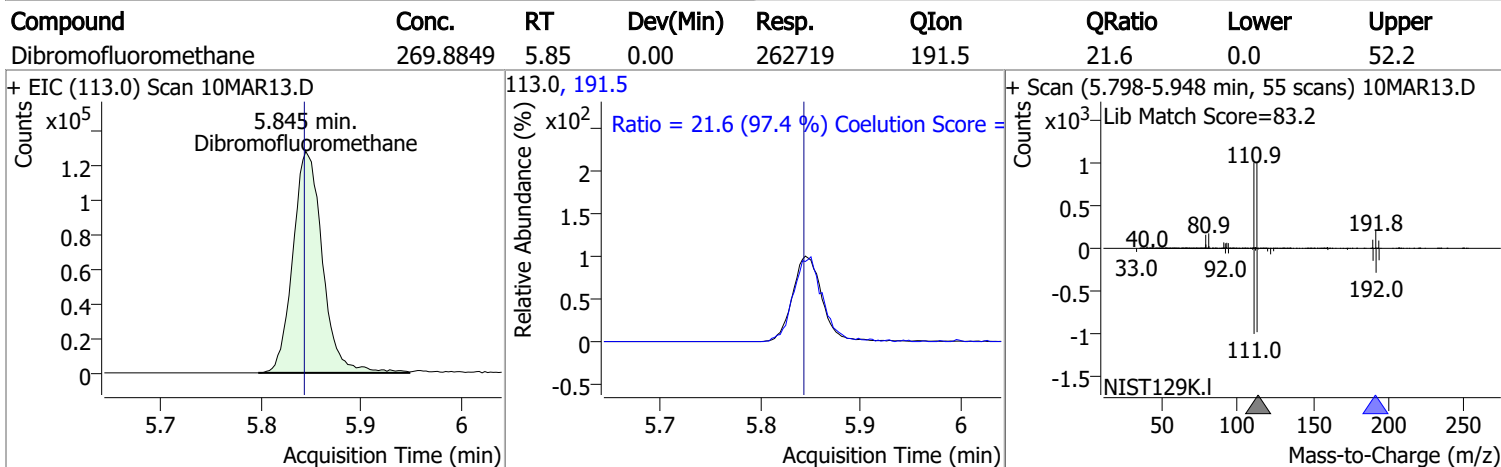
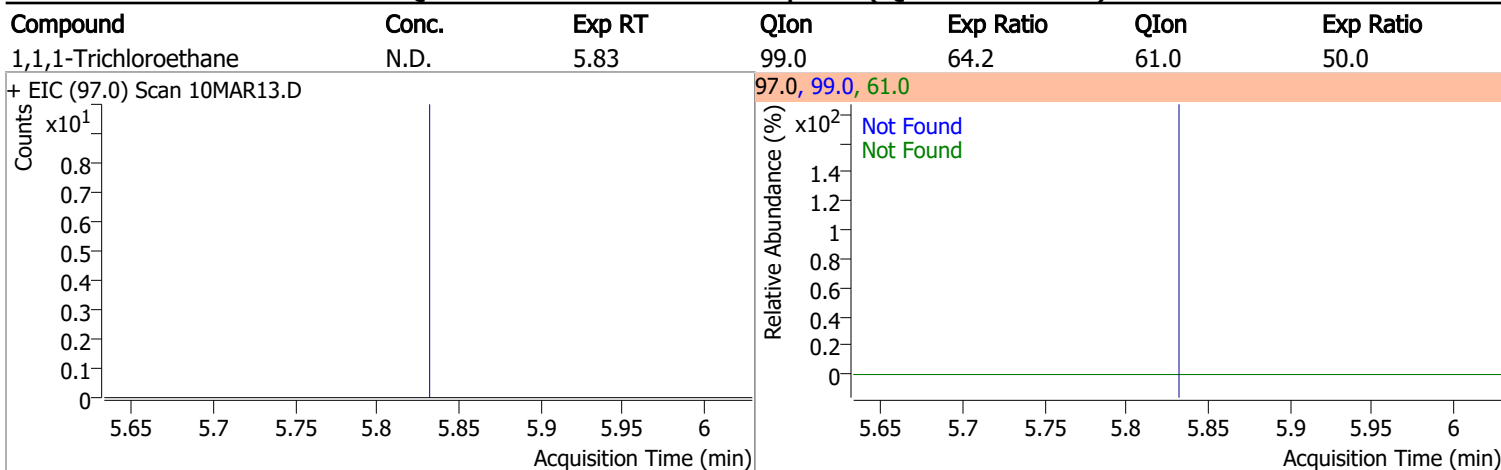


Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	64.7

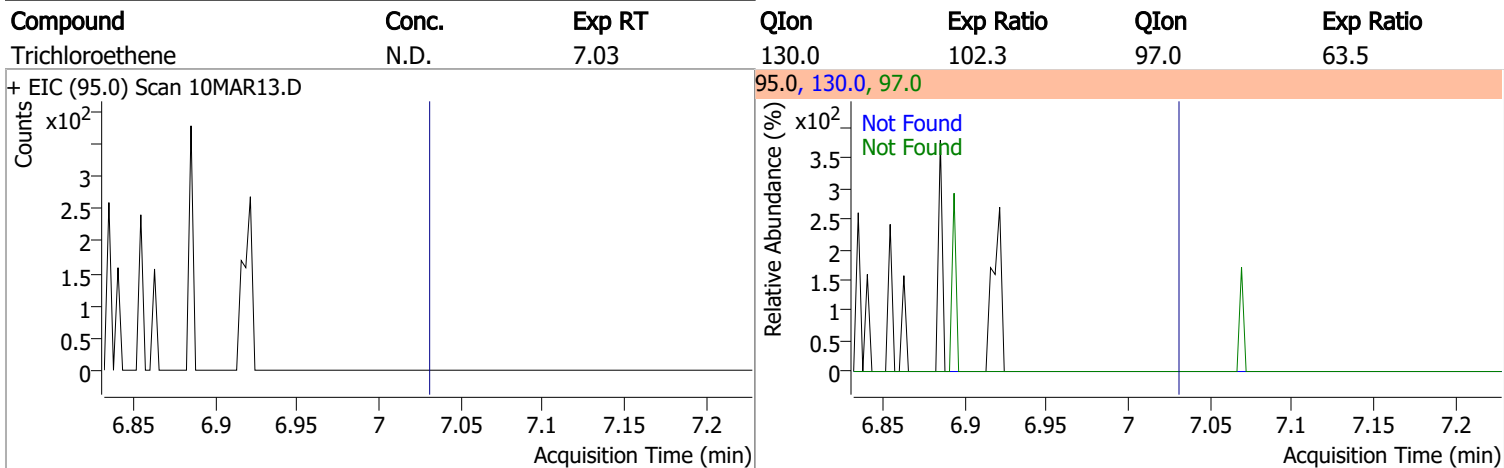
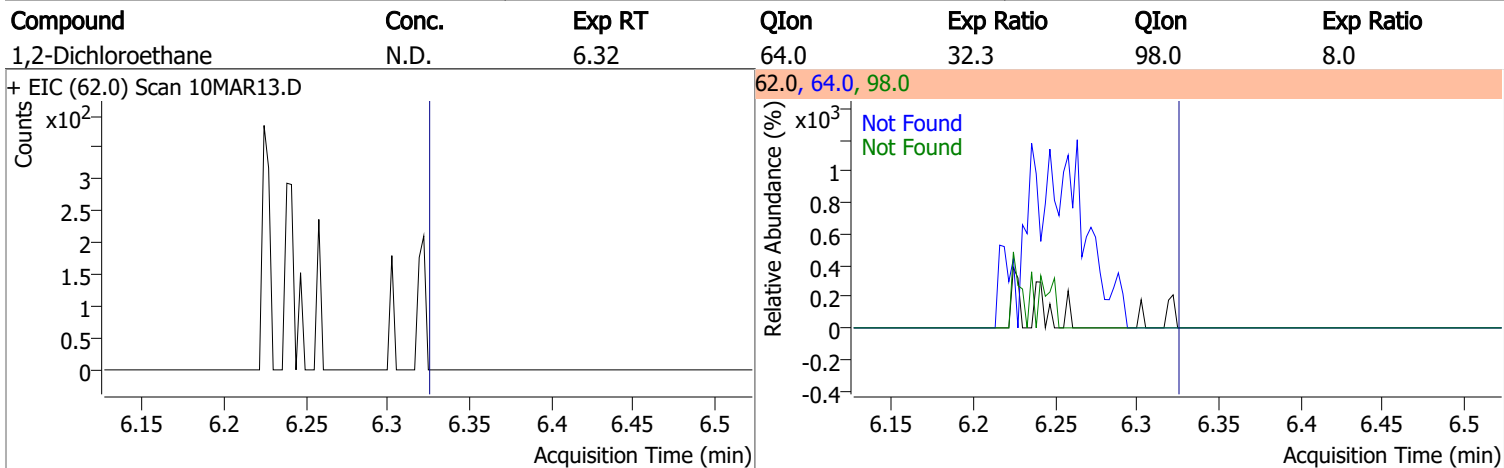
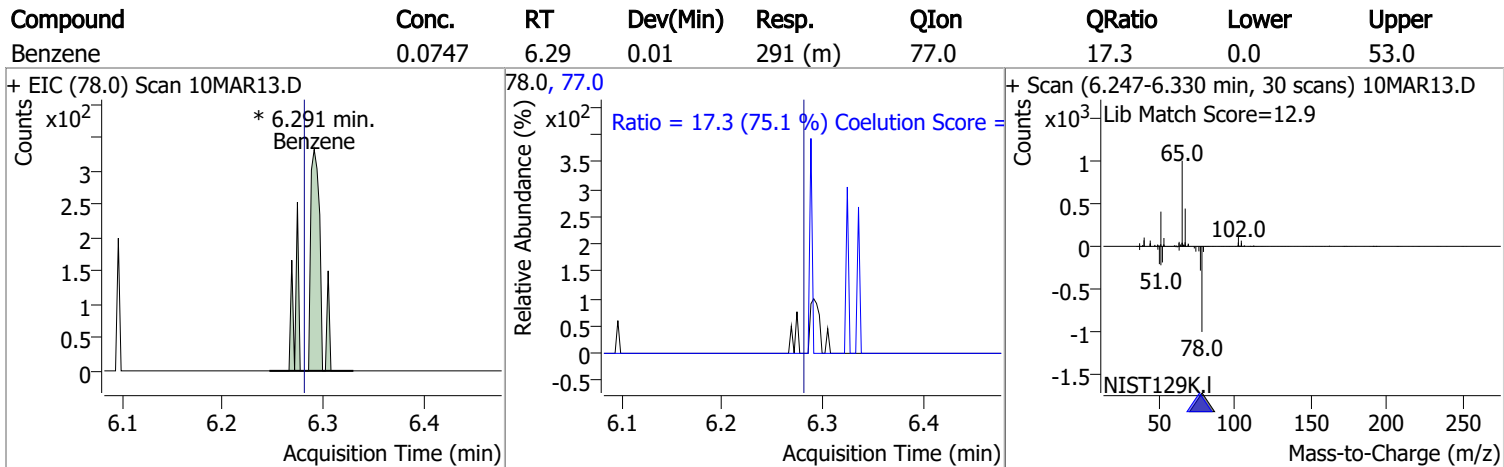
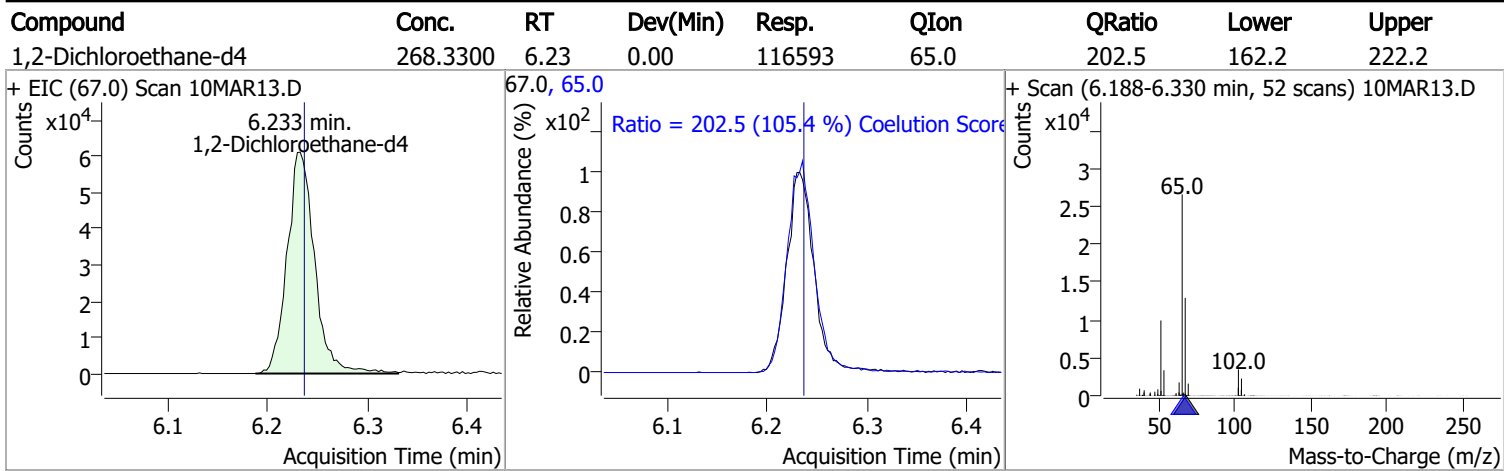




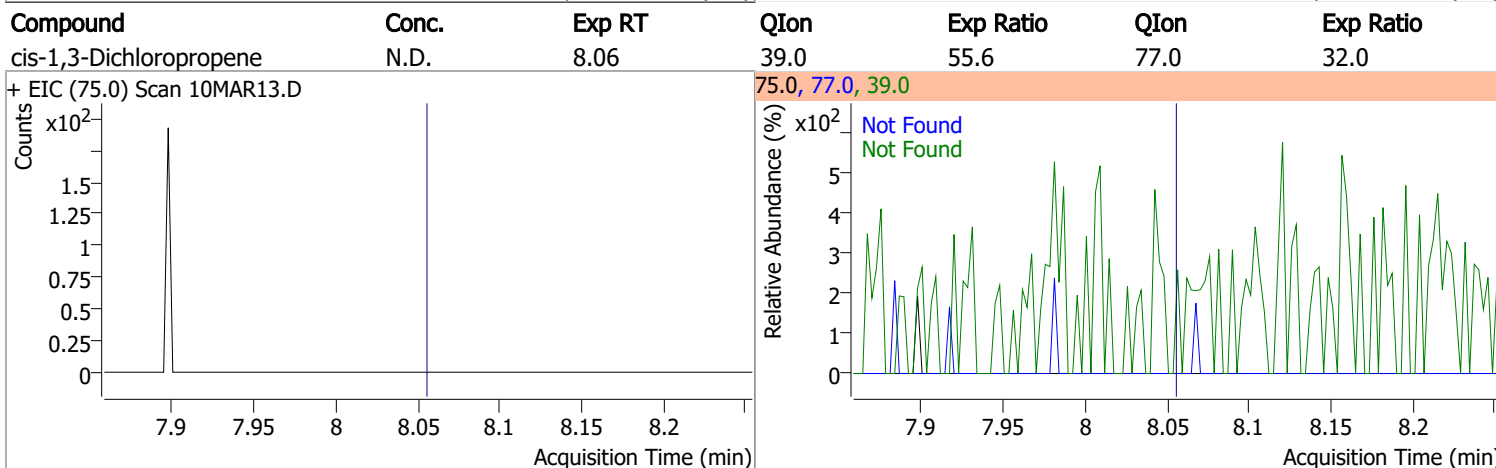
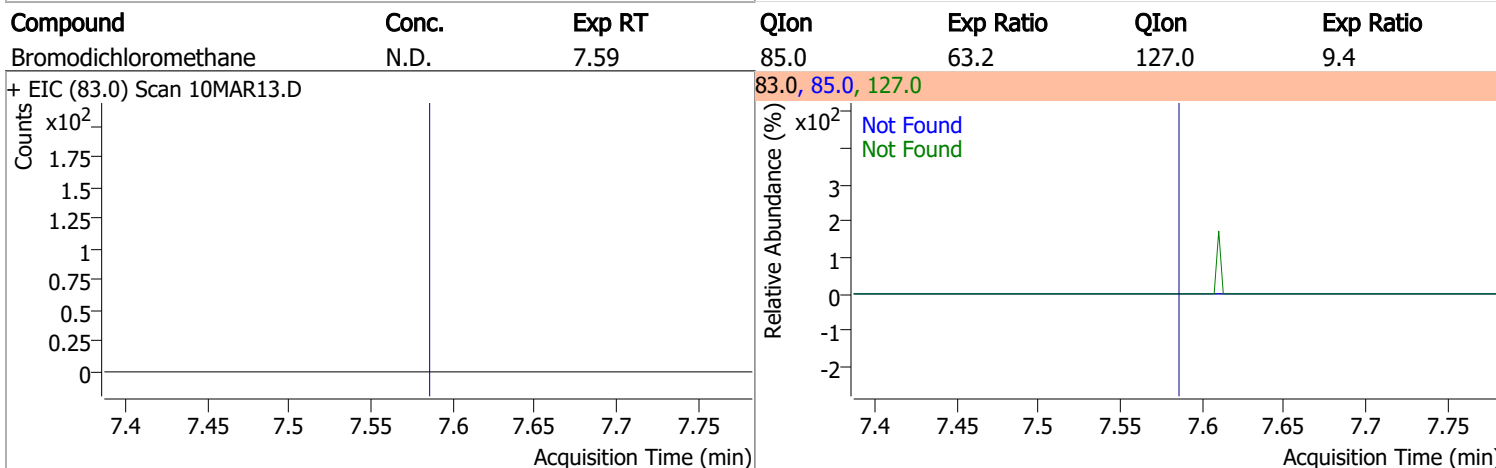
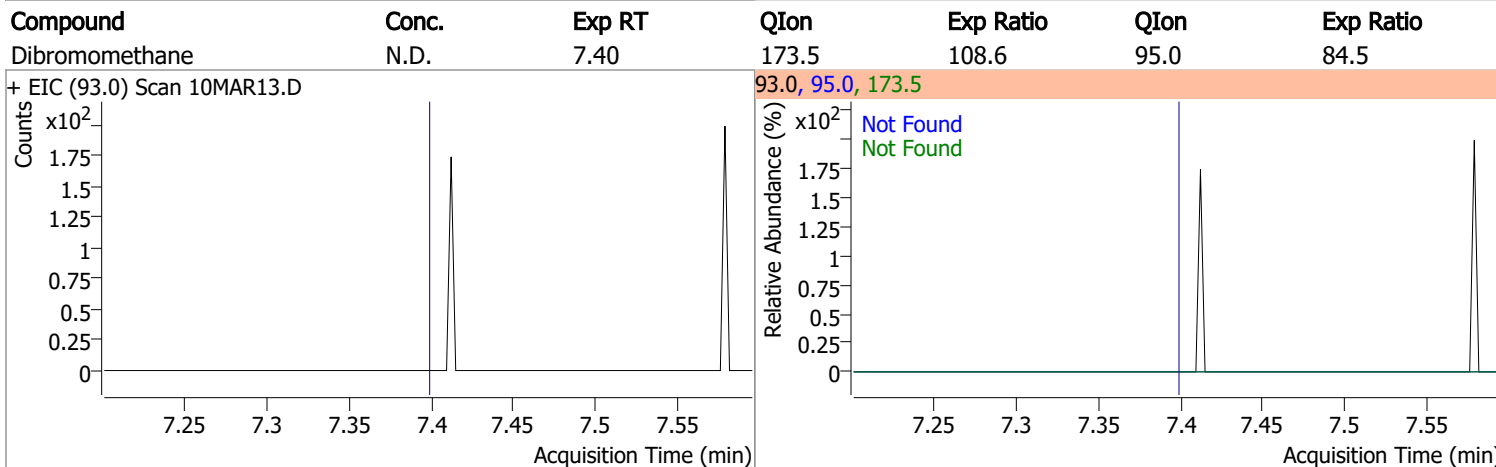
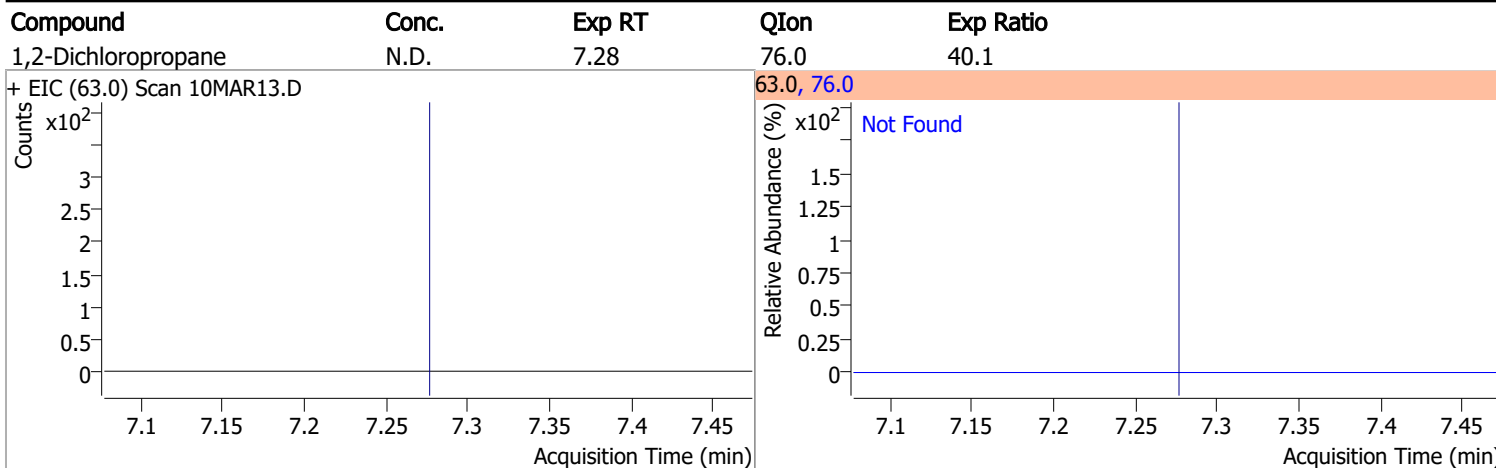
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

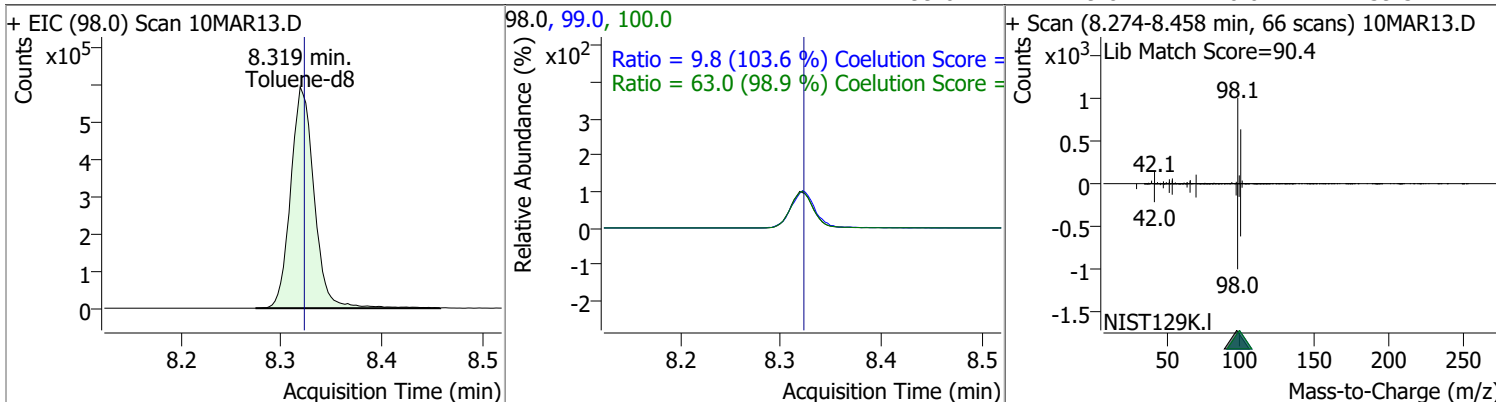


# Quantitation Results Report (QT Reviewed)

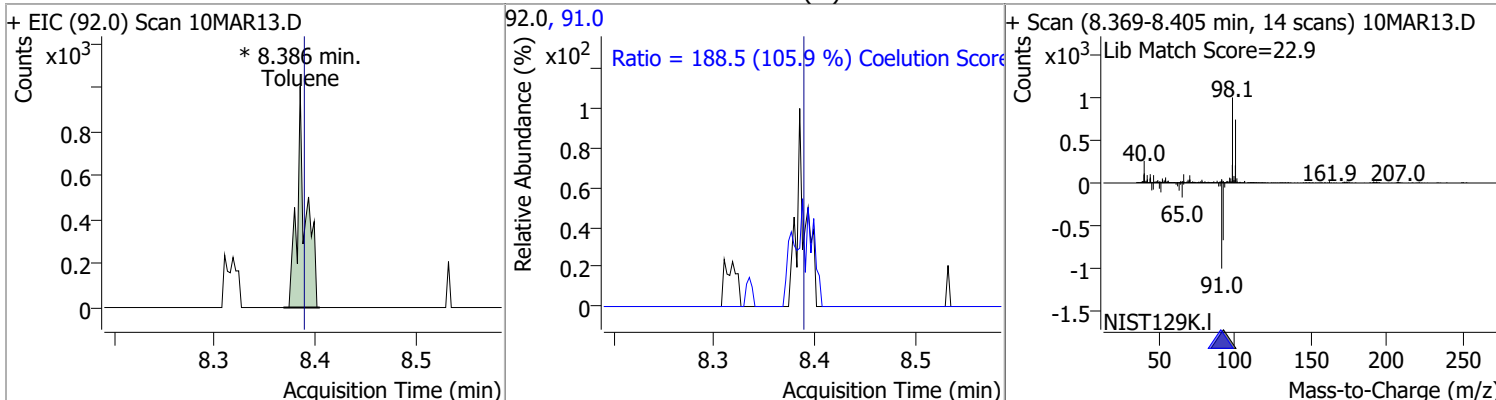


# Quantitation Results Report (QT Reviewed)

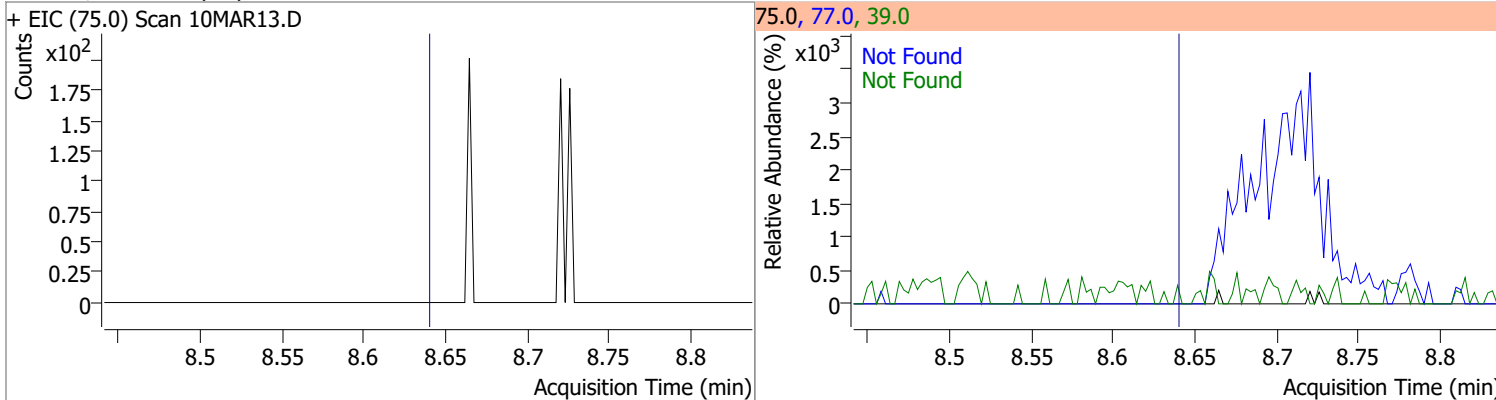
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	237.8734	8.32	0.00	965108	100.0	63.0	33.7	93.7
					99.0	9.8	0.0	39.5



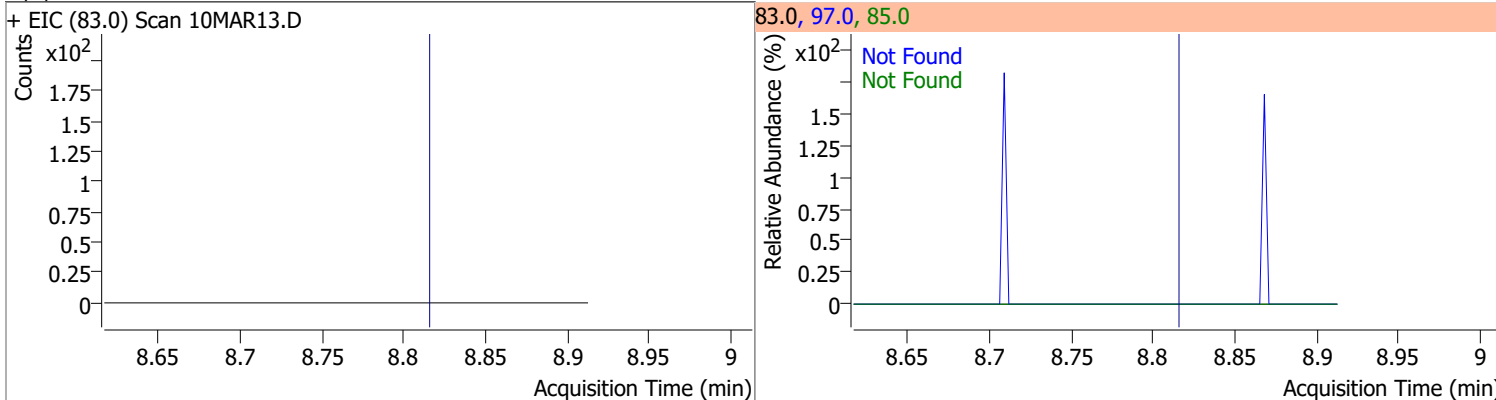
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0.2535	8.39	0.00	637 (m)	91.0	188.5	147.9	207.9



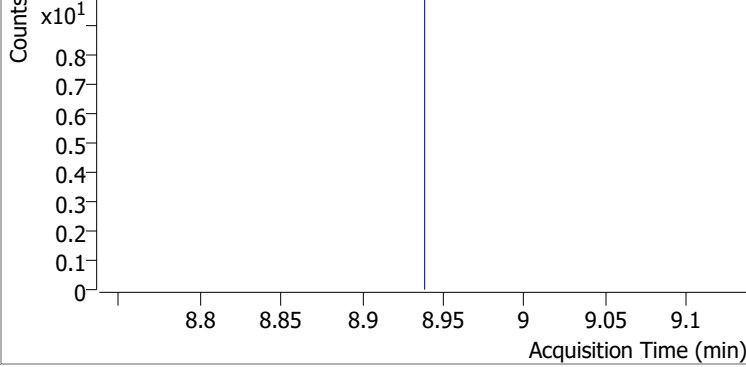
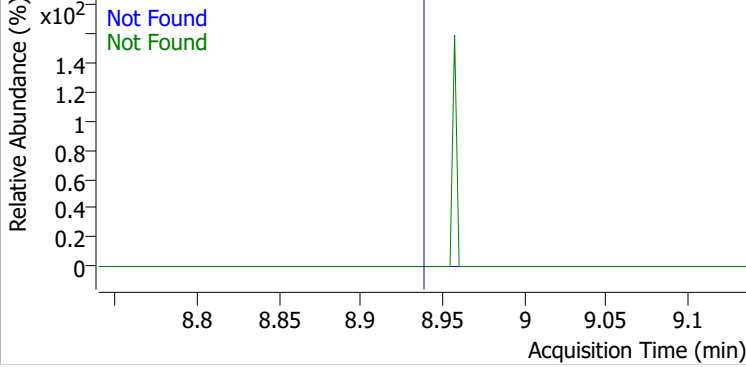
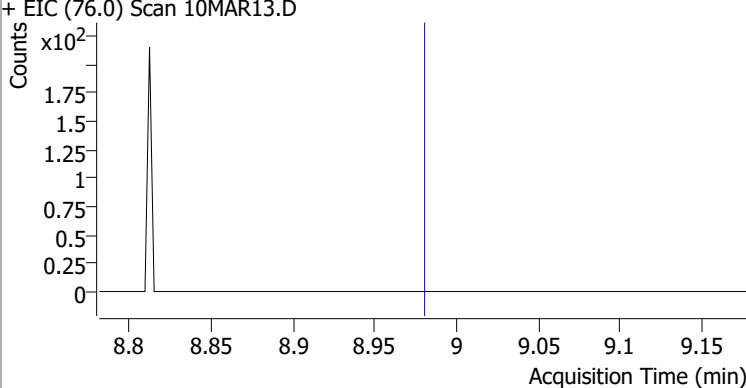
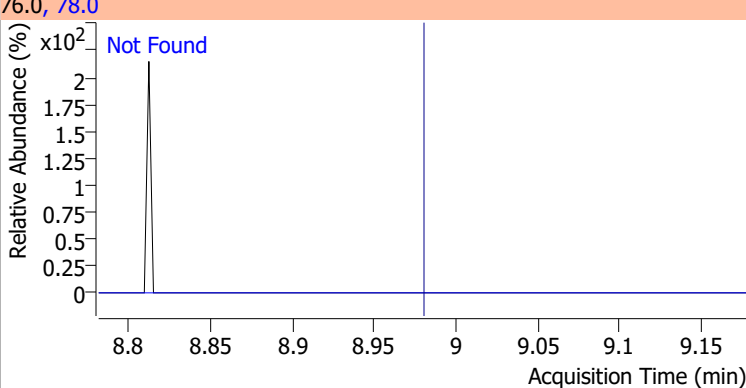
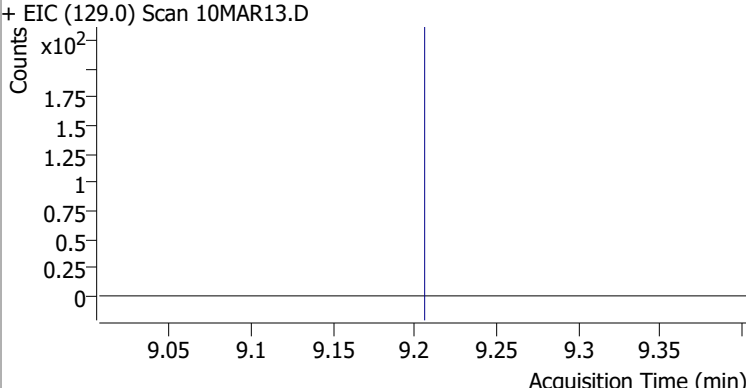
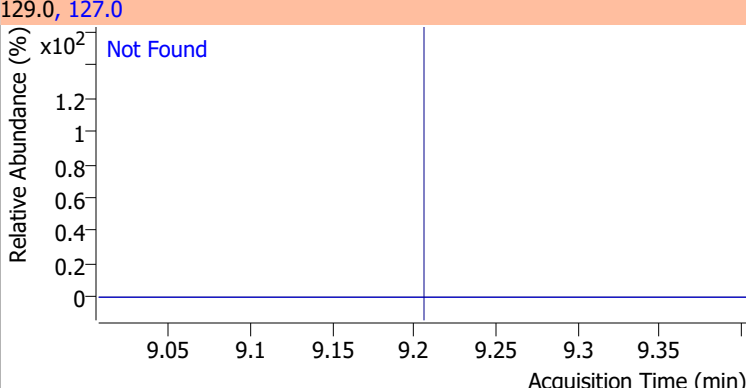
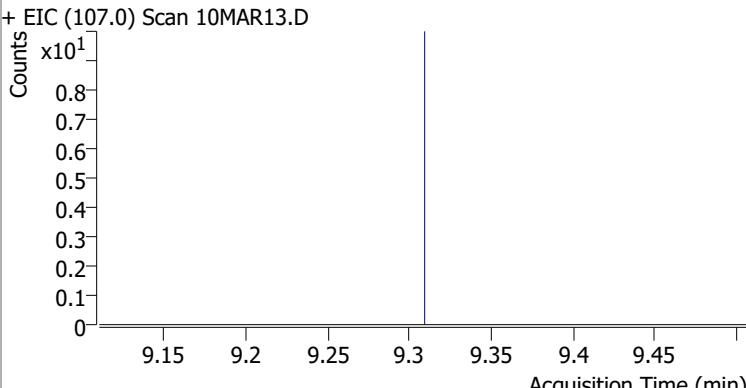
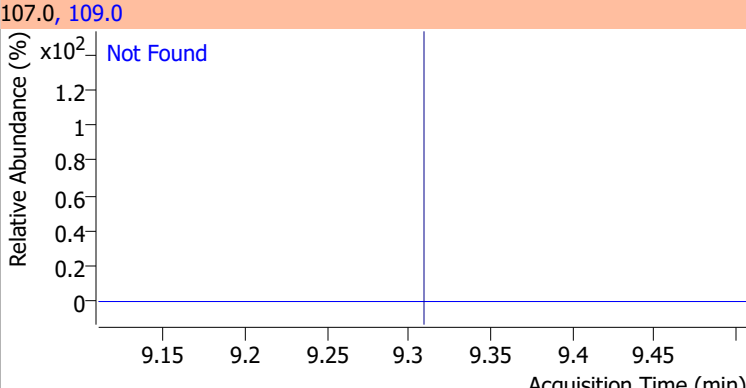
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8



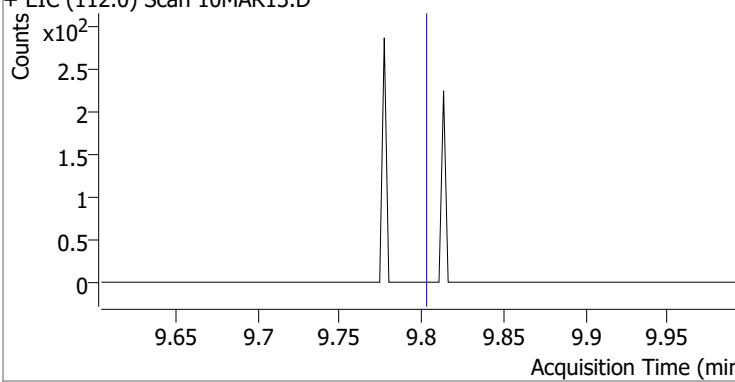
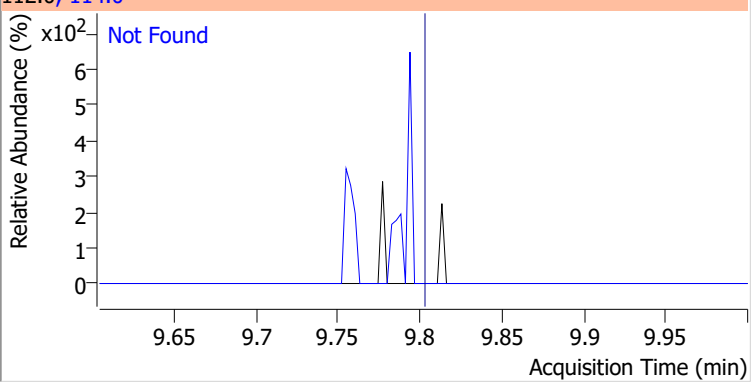
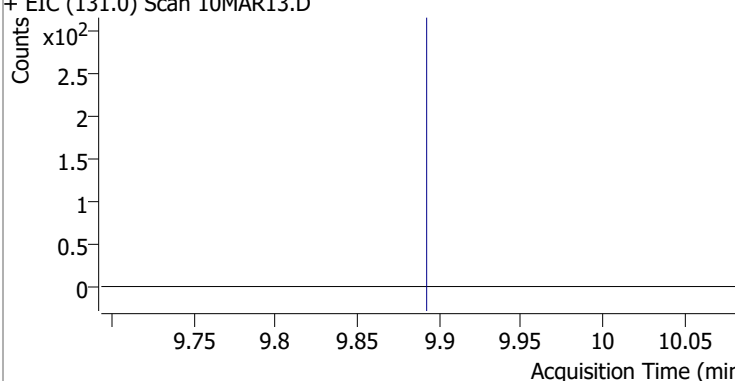
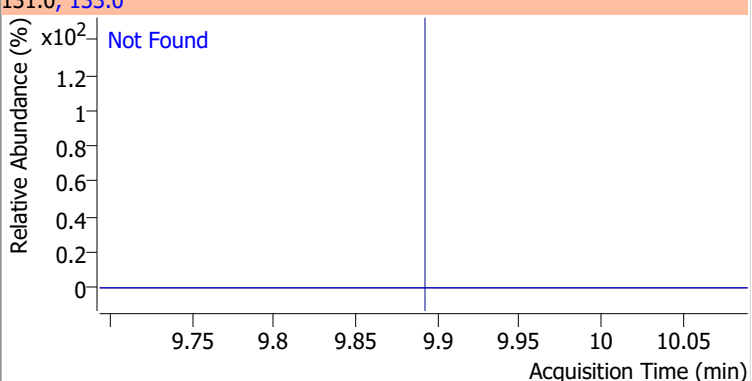
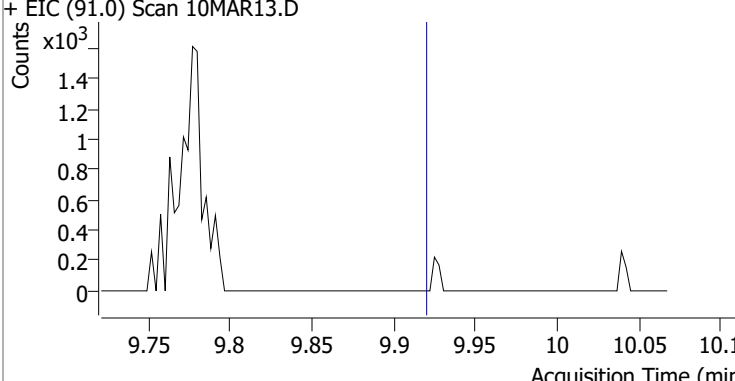
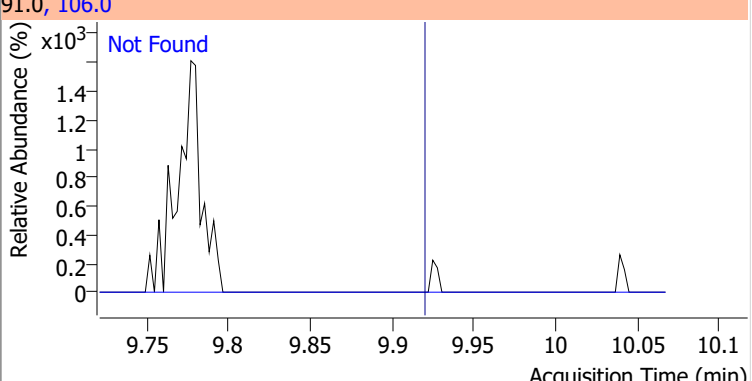
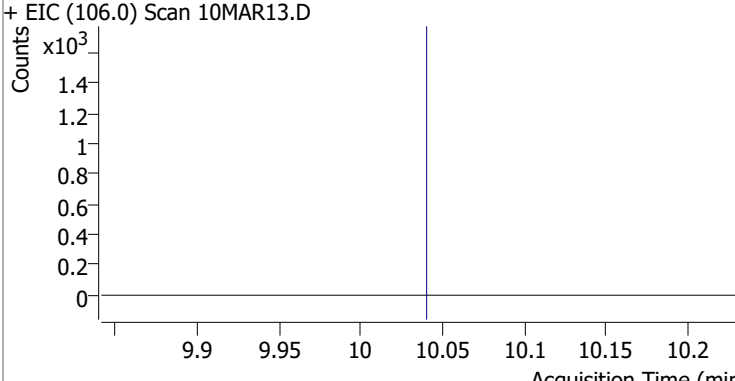
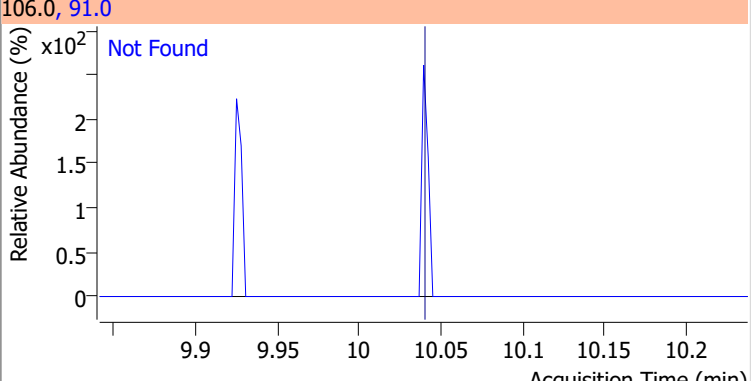
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9



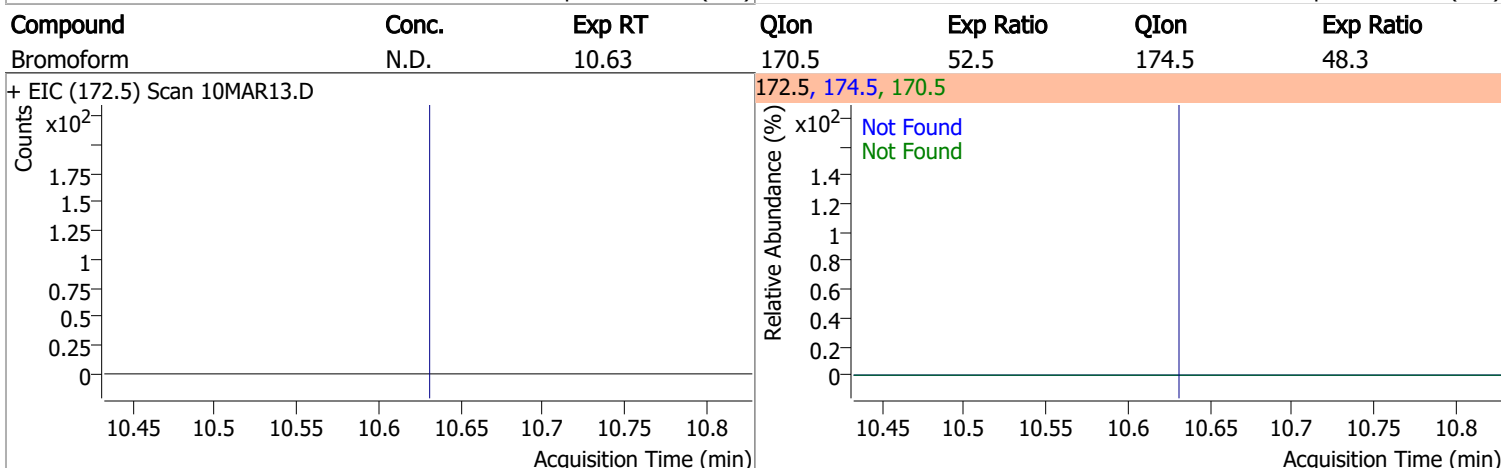
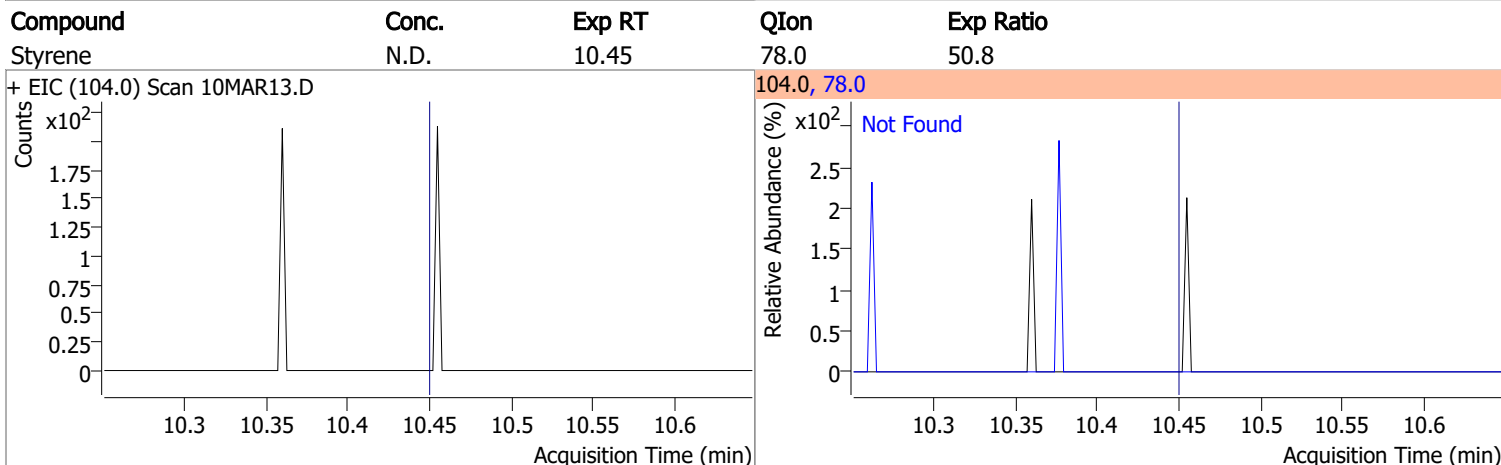
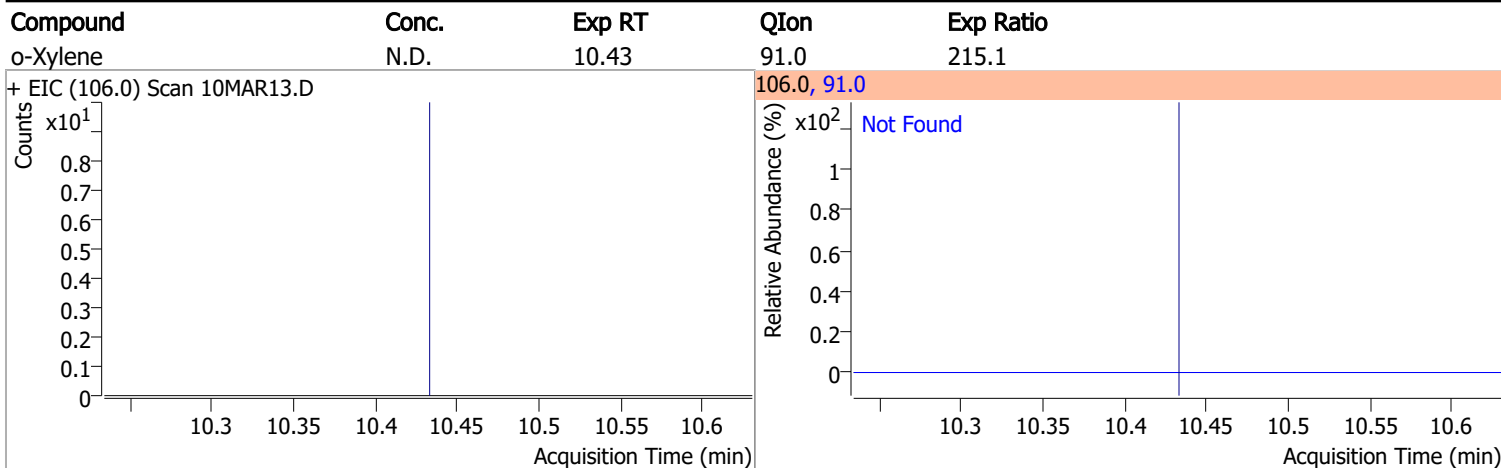
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6
+ EIC (163.8) Scan 10MAR13.D ***NO DATA POINTS***			163.8, 129.0, 165.8			
						
1,3-Dichloropropane	N.D.	8.98	78.0	31.3		
+ EIC (76.0) Scan 10MAR13.D			76.0, 78.0			
						
Chlorodibromomethane	N.D.	9.21	127.0	76.1		
+ EIC (129.0) Scan 10MAR13.D			129.0, 127.0			
						
1,2-Dibromoethane	N.D.	9.31	109.0	95.4		
+ EIC (107.0) Scan 10MAR13.D			107.0, 109.0			
						

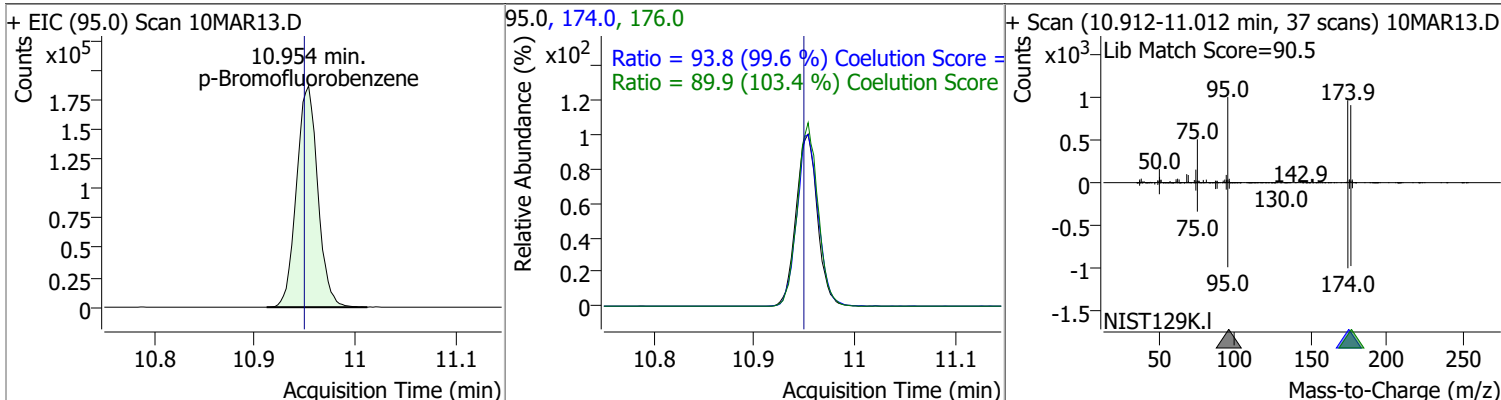
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR13.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR13.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR13.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR13.D			106.0, 91.0	
				

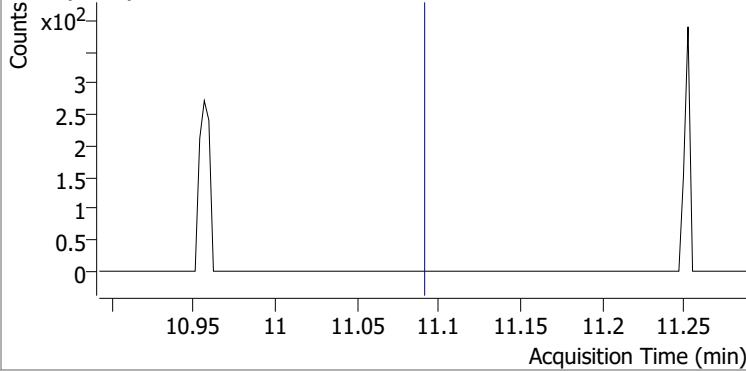
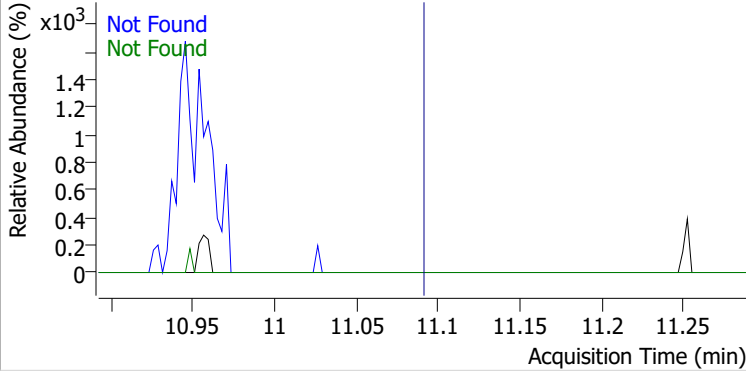
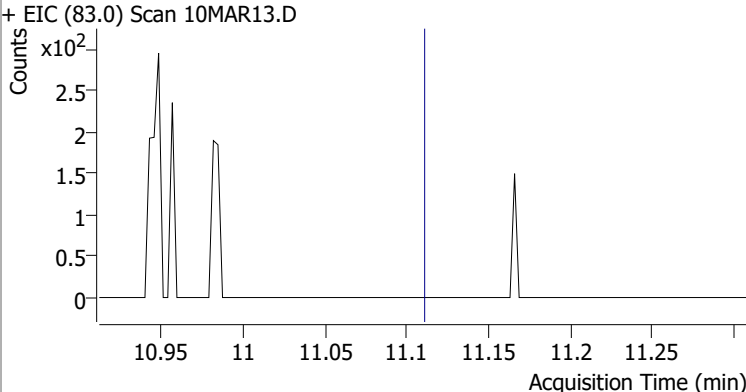
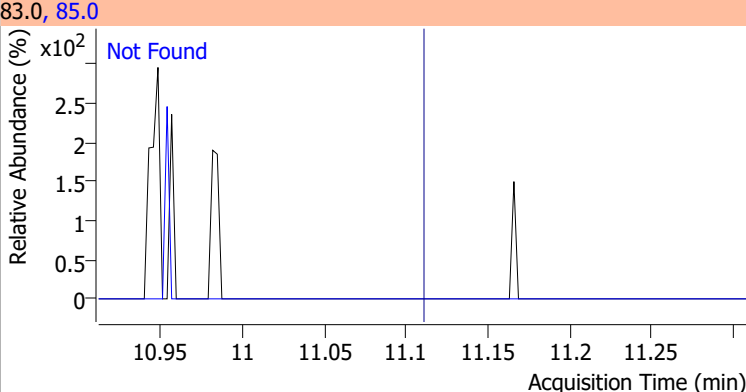
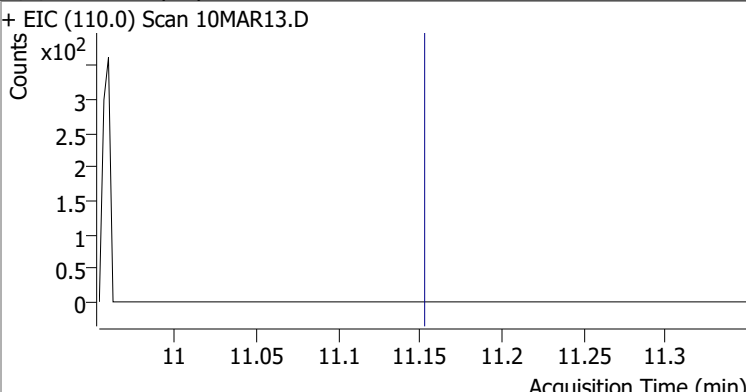
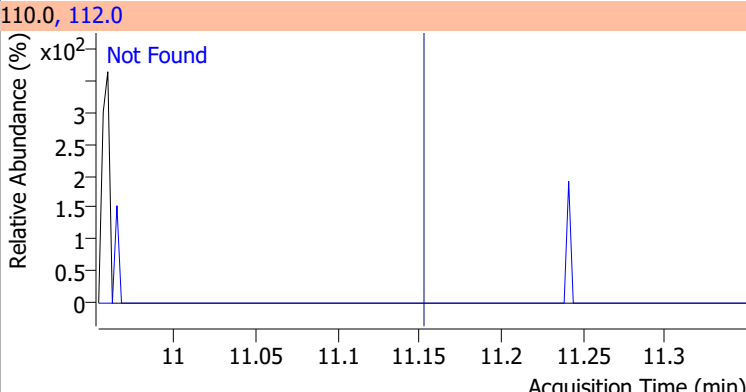
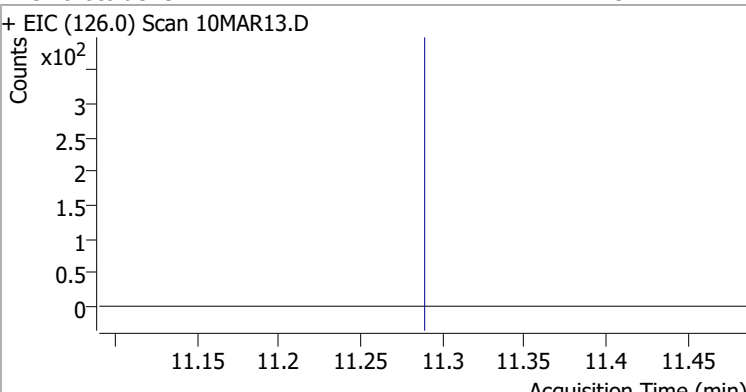
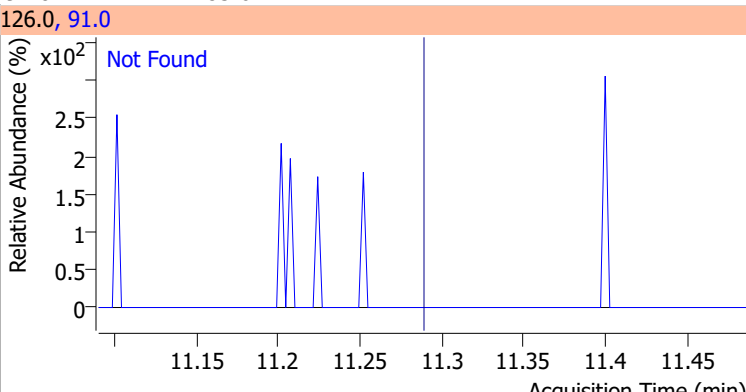
# Quantitation Results Report (QT Reviewed)



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	265.6763	10.95	0.01	274553	174.0	93.8	64.2	124.2
					176.0	89.9	56.9	116.9

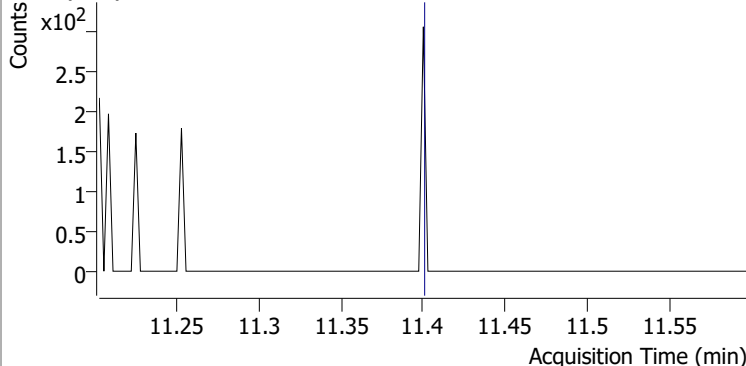
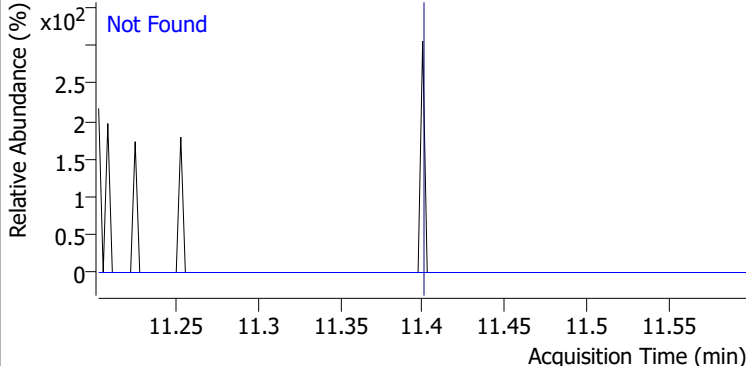
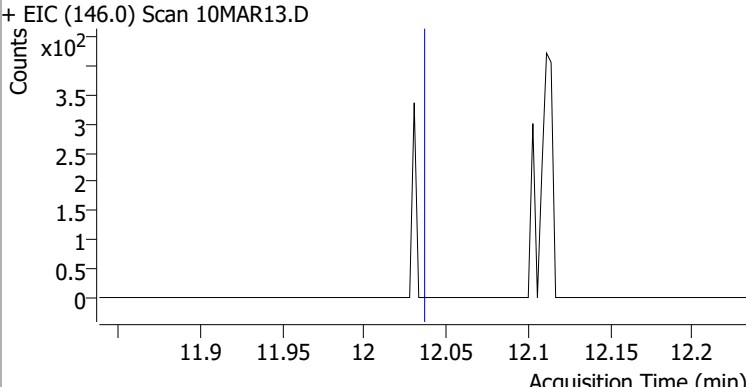
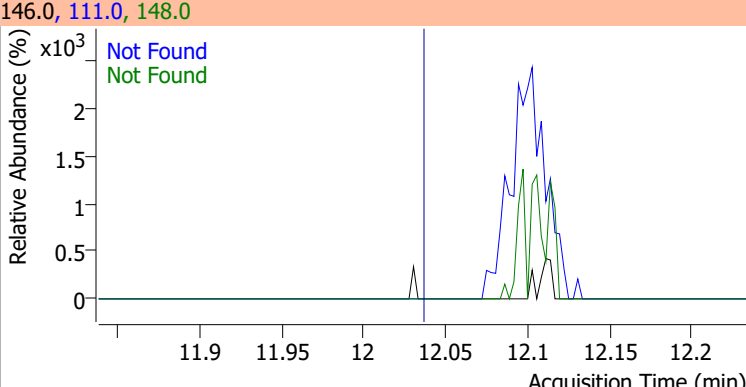
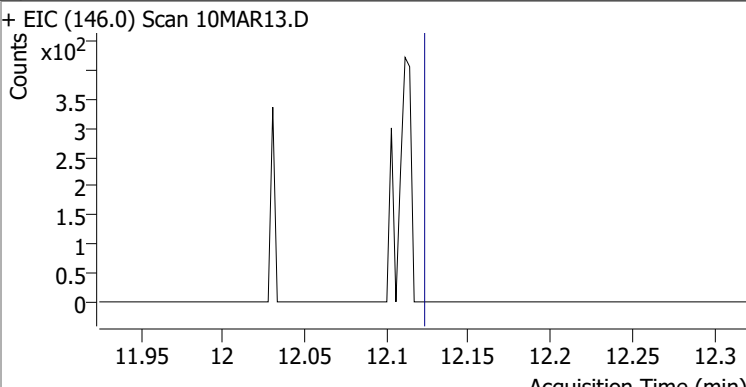
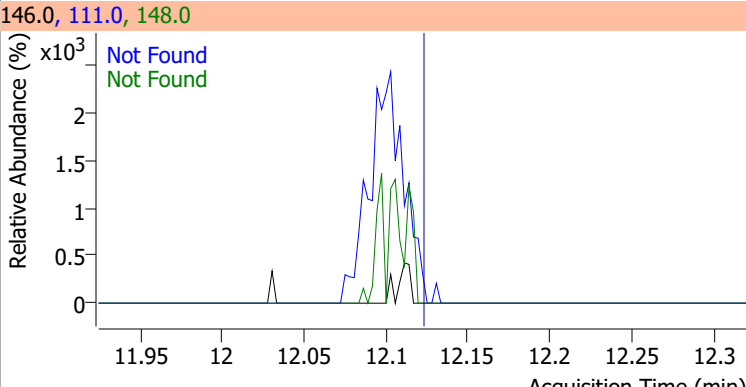
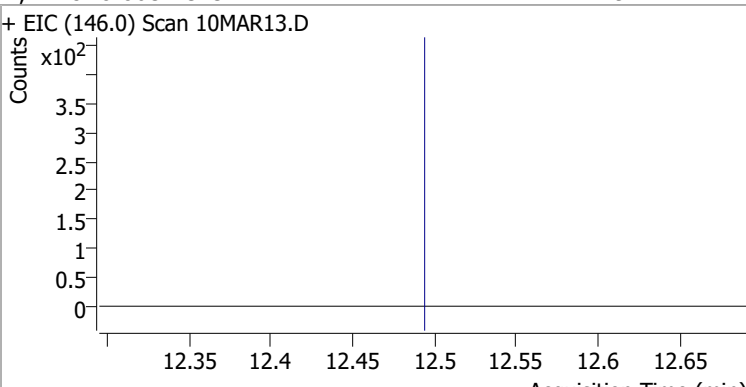
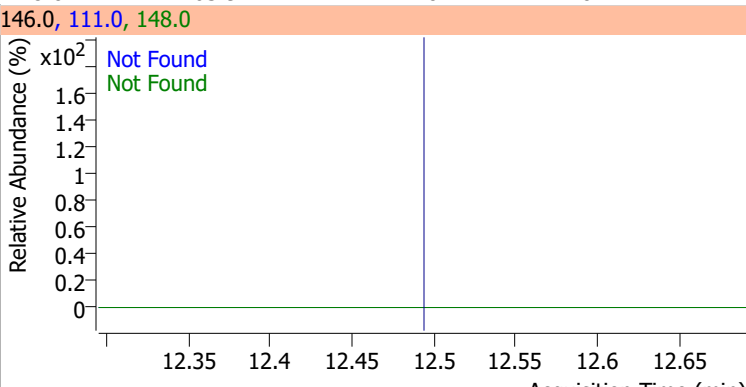


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR13.D			156.0, 77.0, 158.0			
						
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR13.D			83.0, 85.0			
						
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR13.D			110.0, 112.0			
						
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR13.D			126.0, 91.0			
						

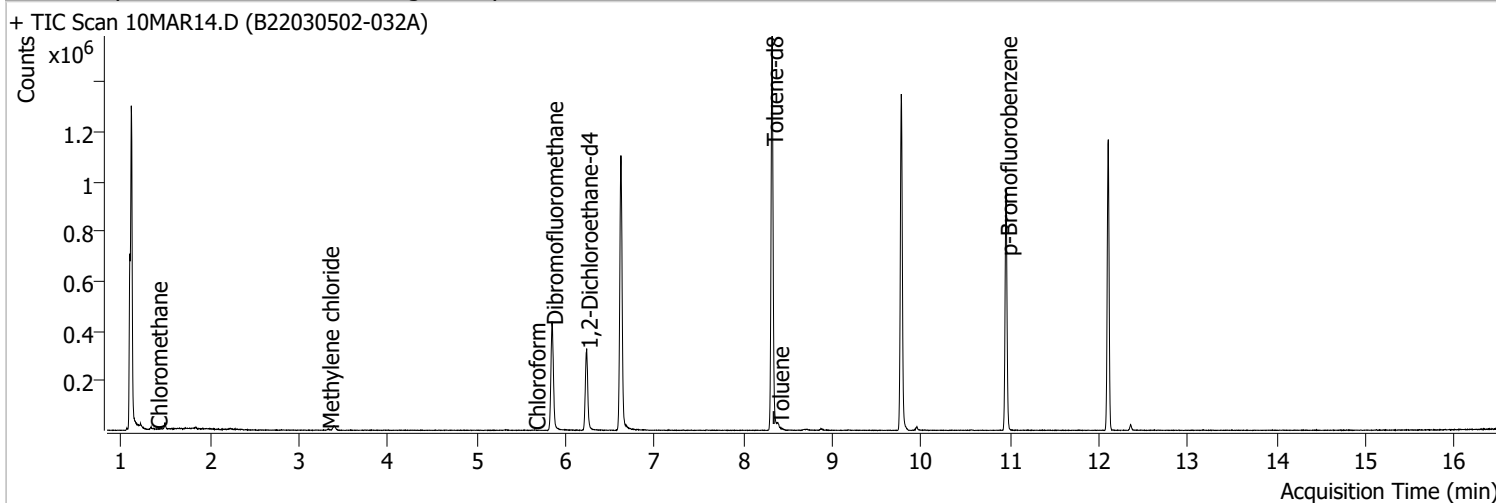


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.5
+ EIC (91.0) Scan 10MAR13.D			91.0, 126.0	
				
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3
+ EIC (146.0) Scan 10MAR13.D			146.0, 111.0, 148.0	
				
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5
+ EIC (146.0) Scan 10MAR13.D			146.0, 111.0, 148.0	
				
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9
+ EIC (146.0) Scan 10MAR13.D			146.0, 111.0, 148.0	
				

# Quantitation Results Report (QT Reviewed)

Data File	10MAR14.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 6:01:53 PM
Sample Name	B22030502-032A	Instrument	VOA5975C
Vial	14	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.623	96.0	933772	250.0000	ng	0.003
M Chlorobenzene-d5	9.774	82.0	371093	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	274798	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	250983	264.5299	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 105.81%		
S 1,2-Dichloroethane-d4	6.236	67.0	116306	274.6263	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 109.85%		
S Toluene-d8	8.322	98.0	942720	238.2881	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.32%		
S p-Bromofluorobenzene	10.954	95.0	268533	265.0167	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.01%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.397	50.0	1026	0.6565	ng m	66
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.327	49.0	2557	1.7774	ng	88
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.650	83.0	778	0.4200	ng m	97

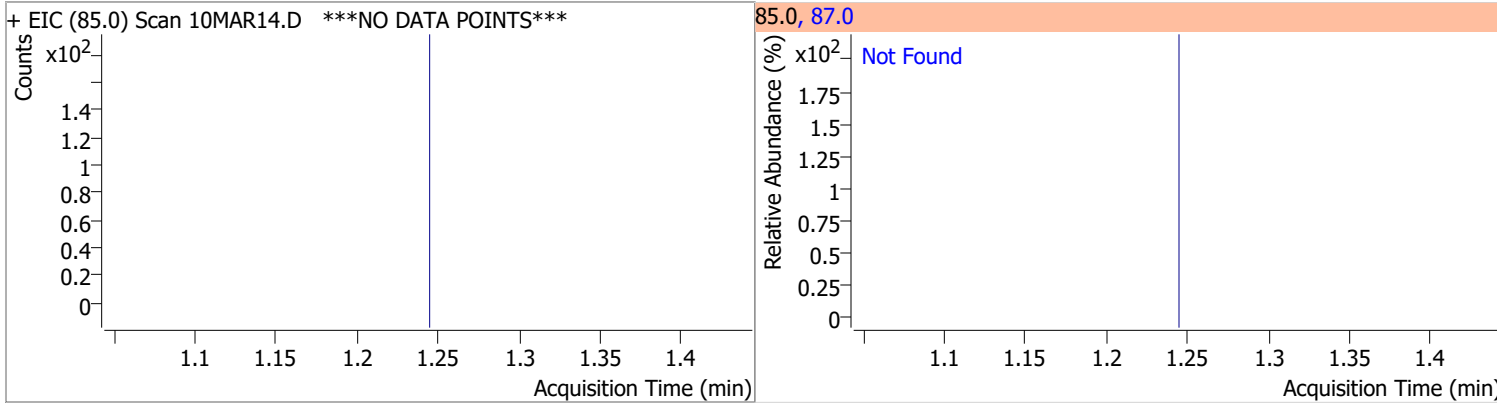
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.391	92.0	5665	2.3137	ng	94
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

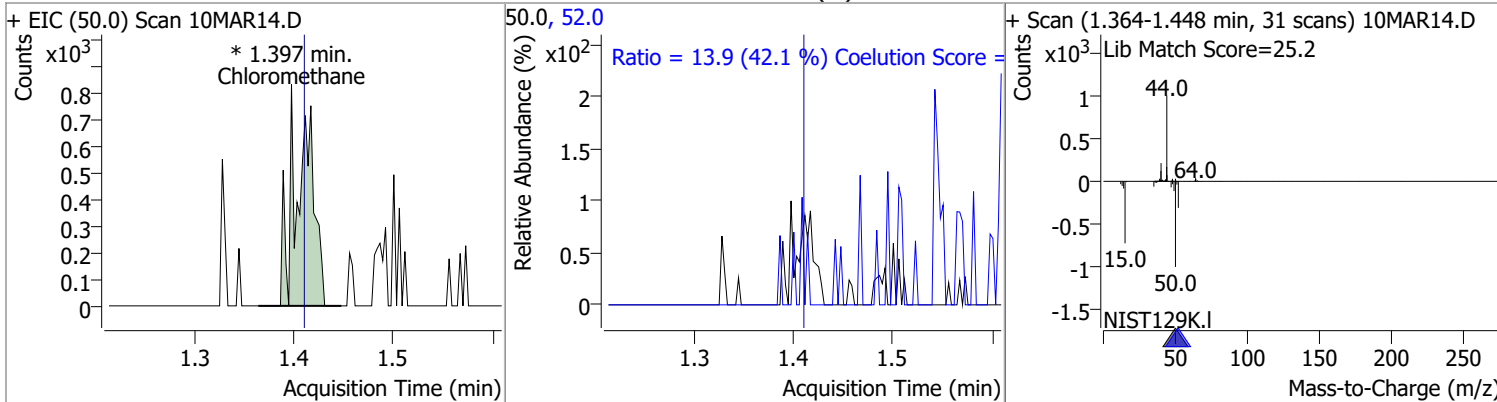
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

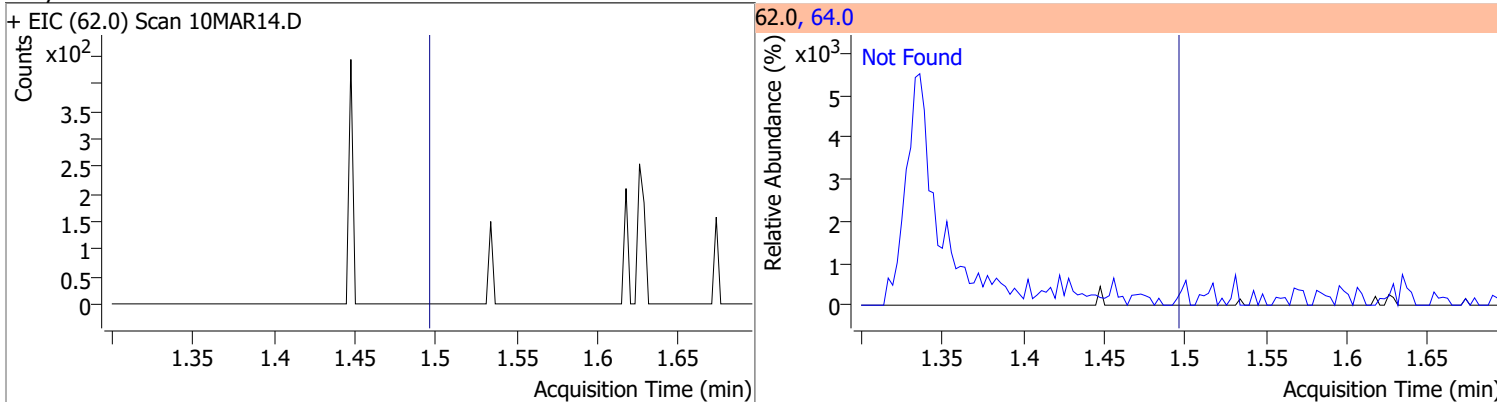
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5



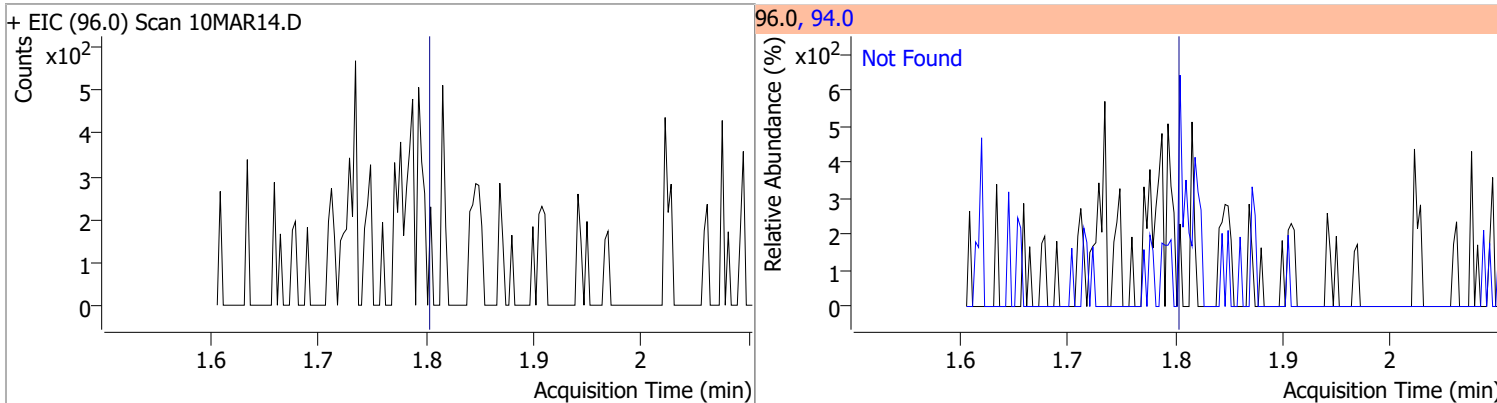
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.6565	1.40	-0.01	1026 (m)	52.0	13.9	3.0	63.0



Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.49	64.0	30.6

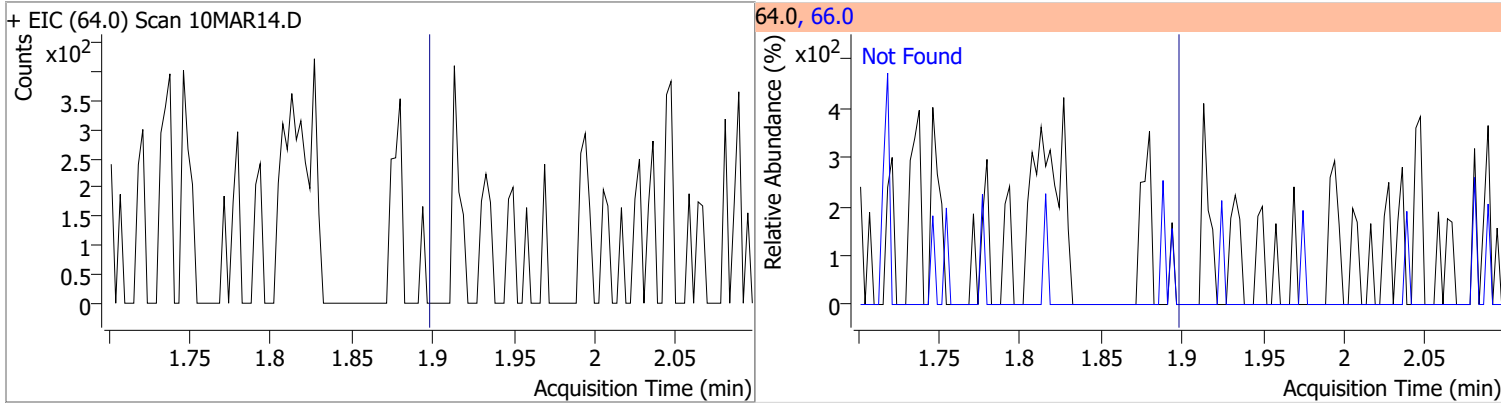


Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.8

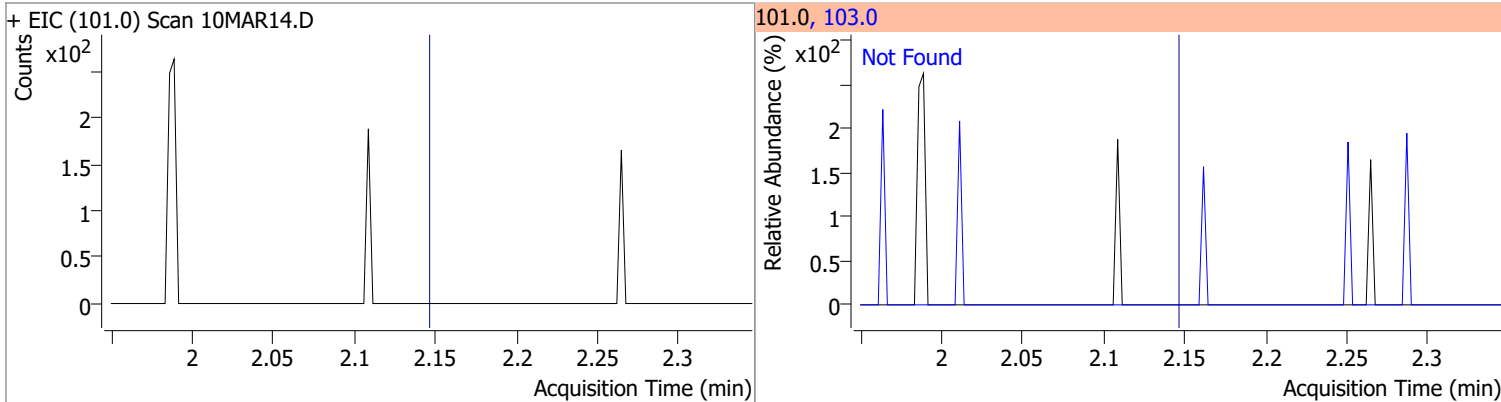


# Quantitation Results Report (QT Reviewed)

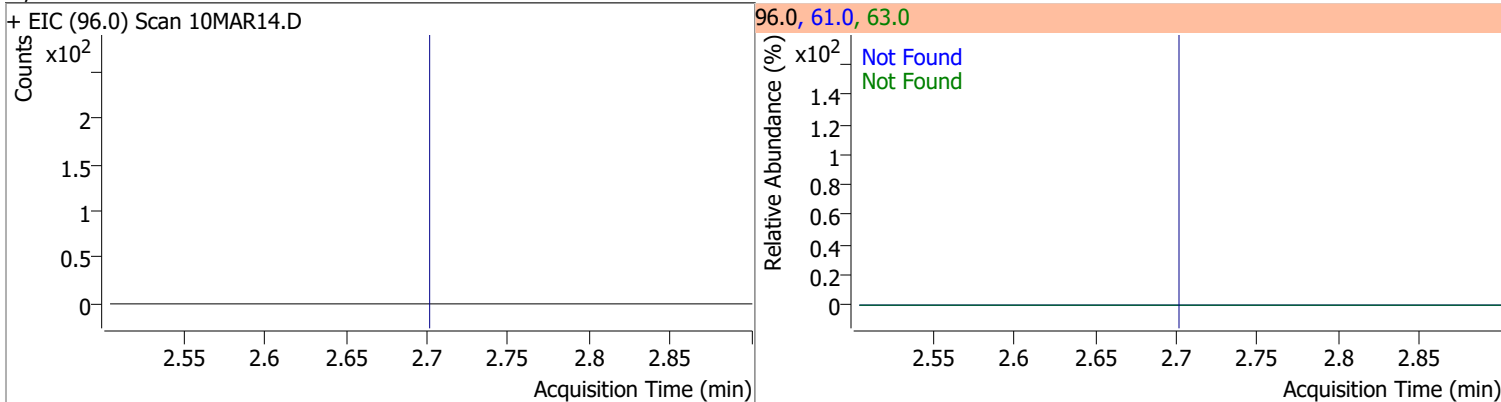
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



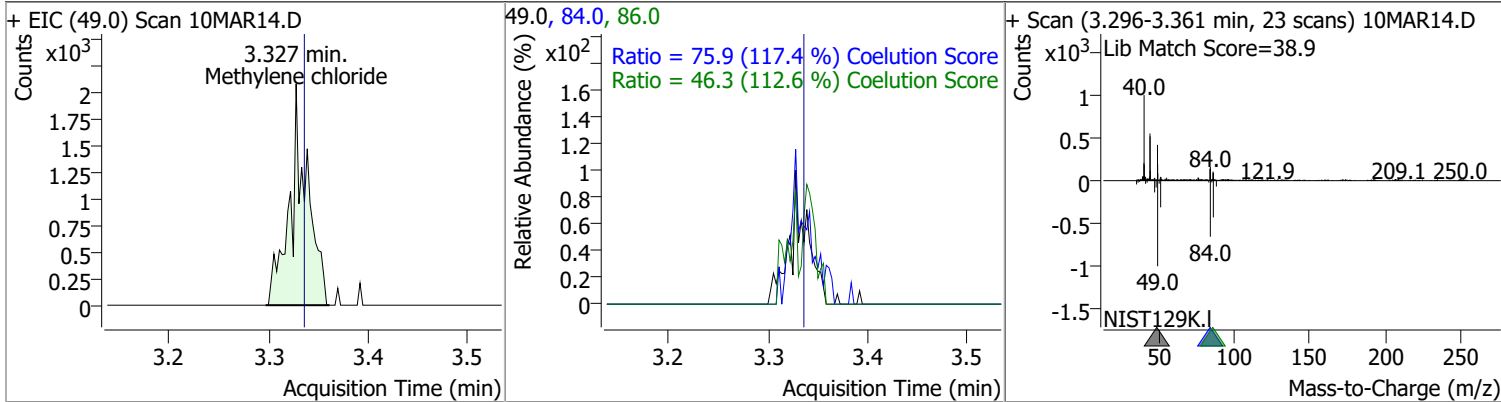
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



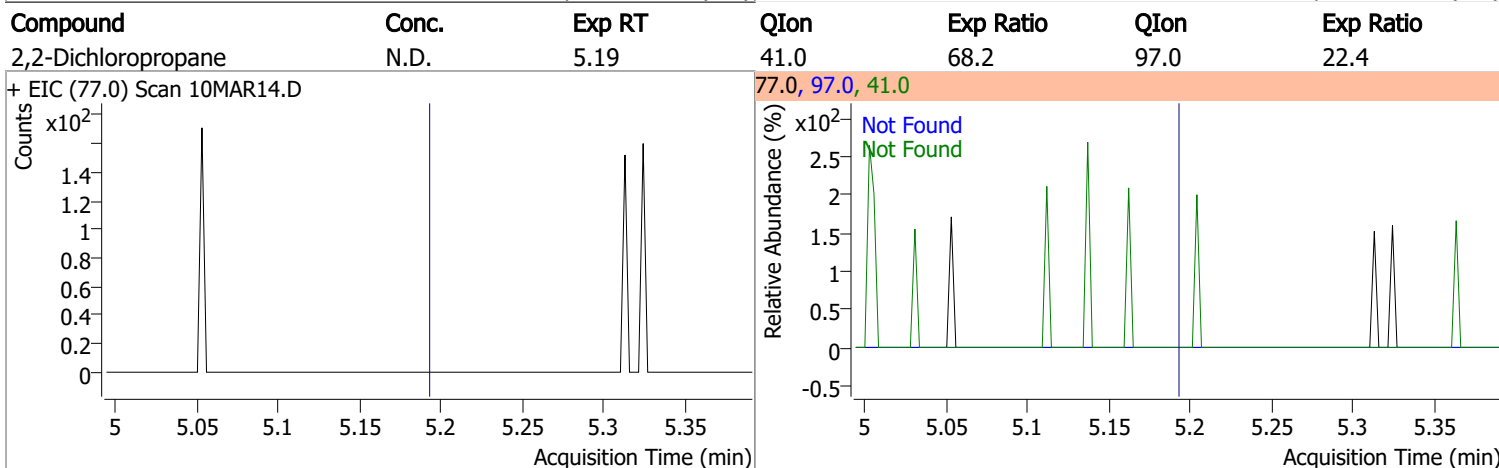
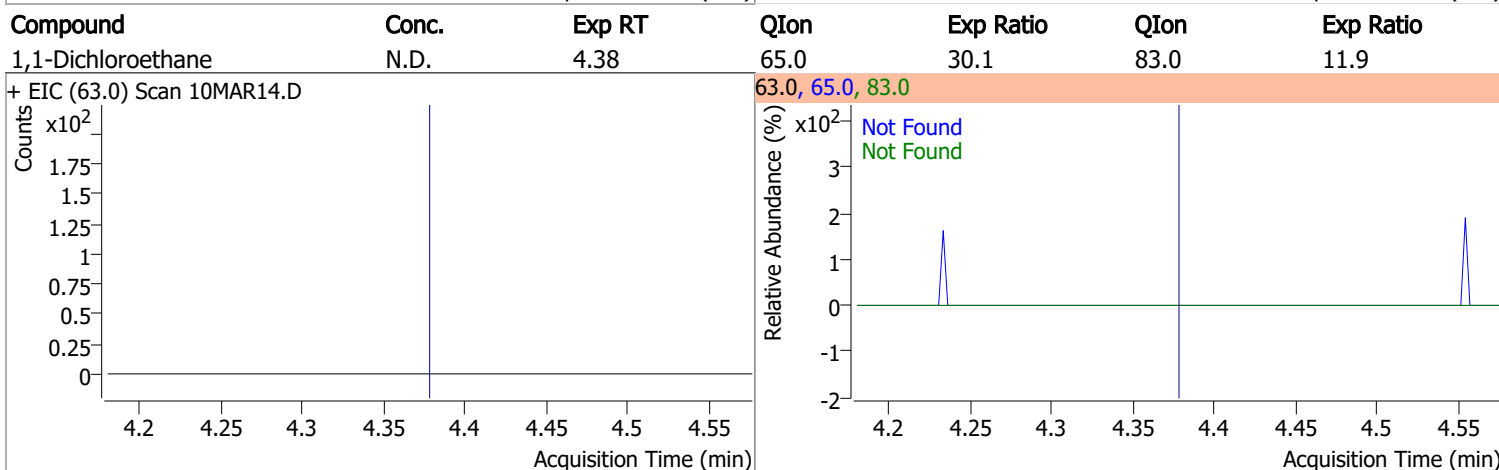
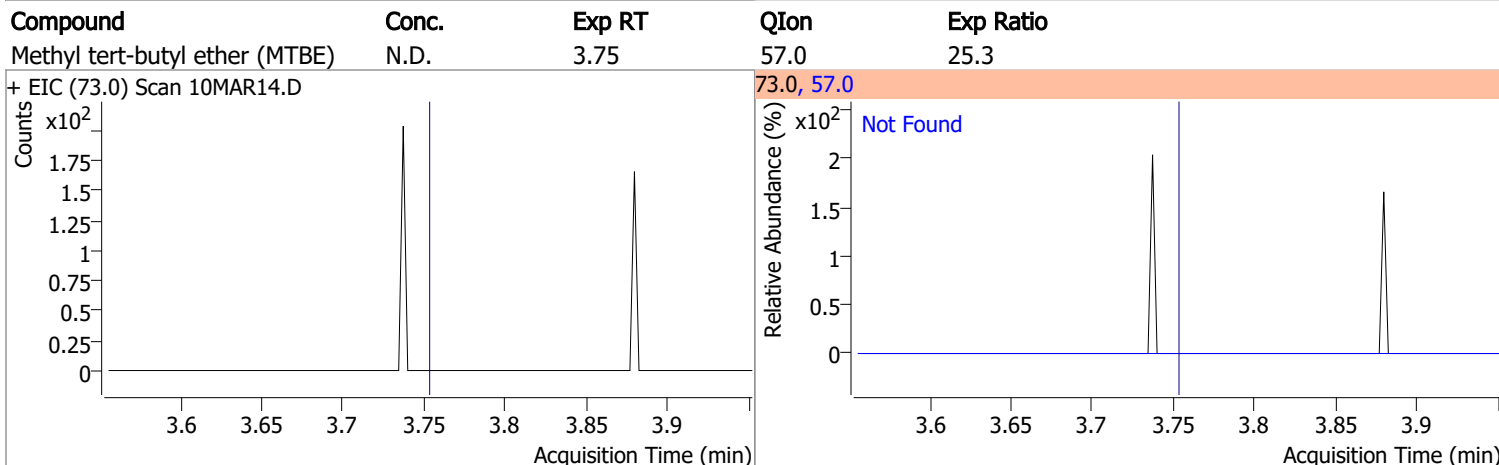
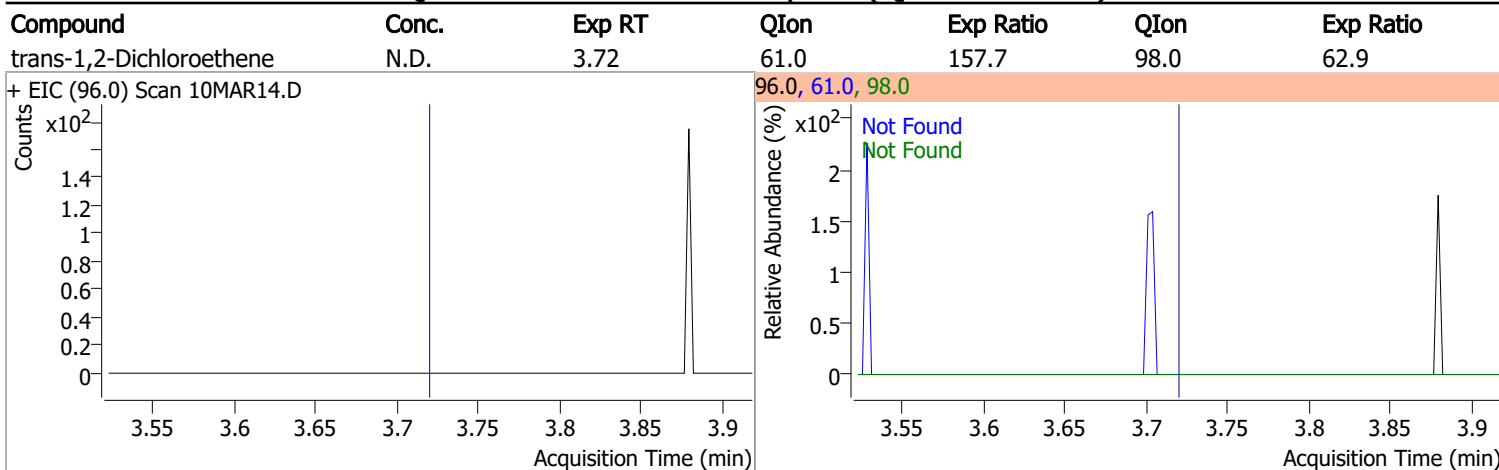
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.7774	3.33	-0.01	2557	84.0	75.9	34.7	94.7
					86.0	46.3	11.1	71.1

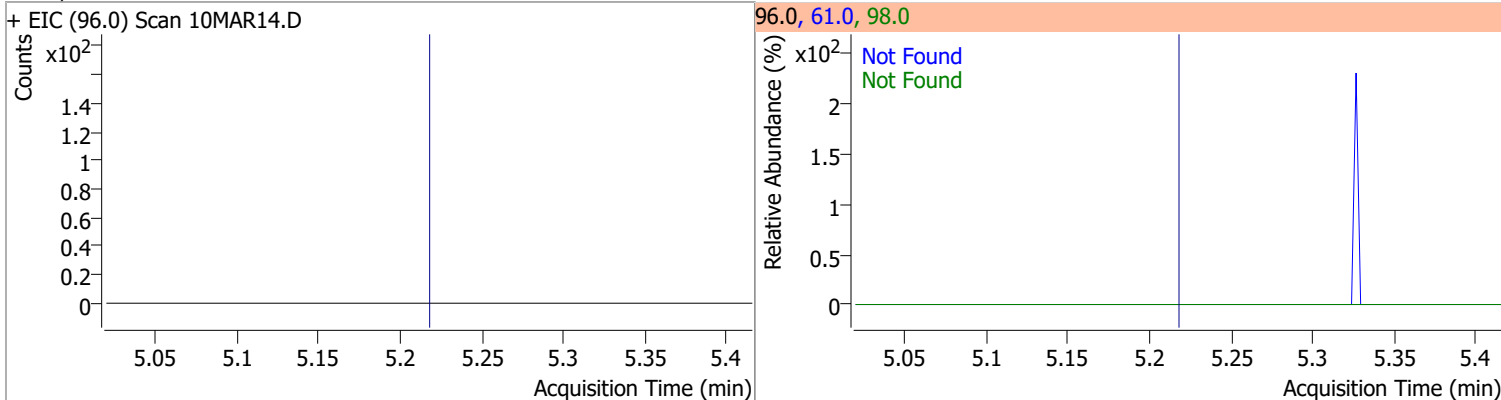


# Quantitation Results Report (QT Reviewed)

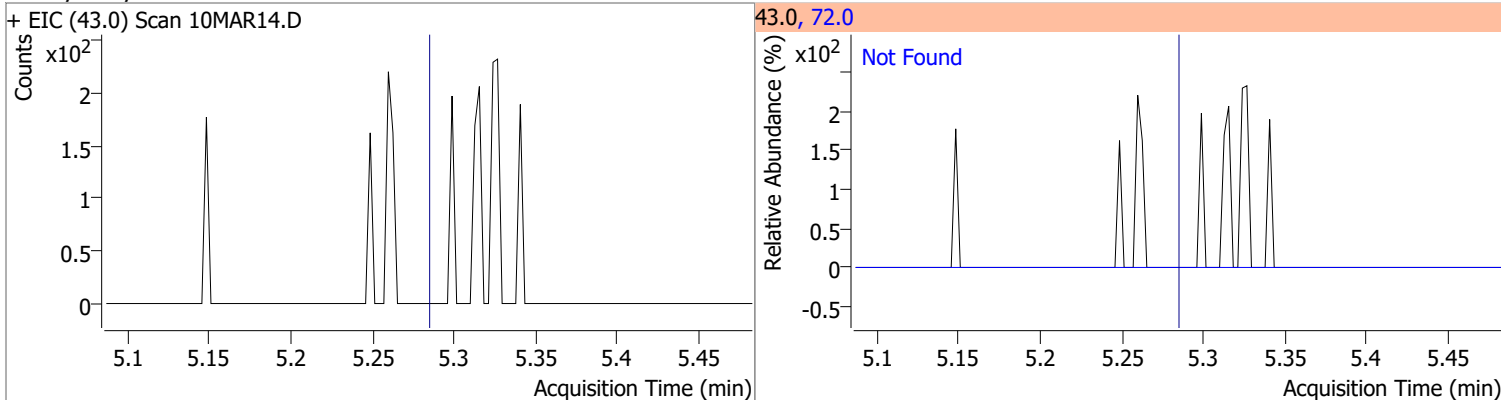


# Quantitation Results Report (QT Reviewed)

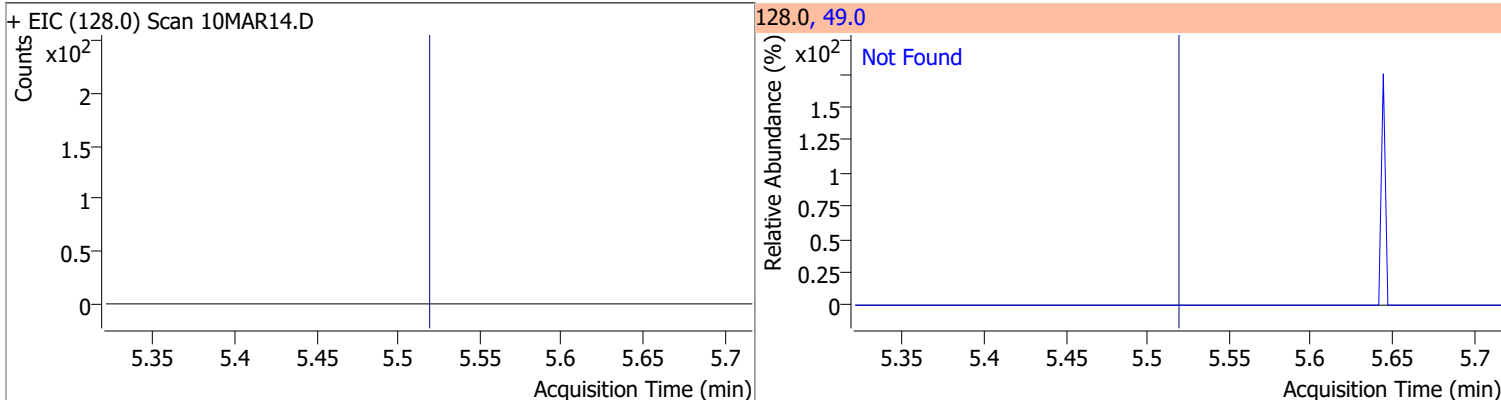
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



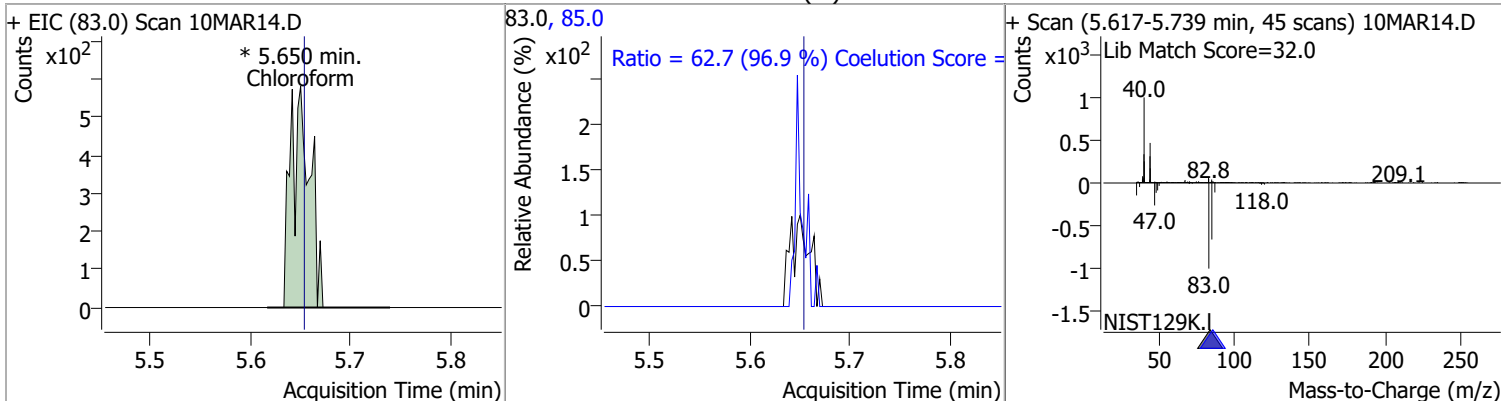
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1

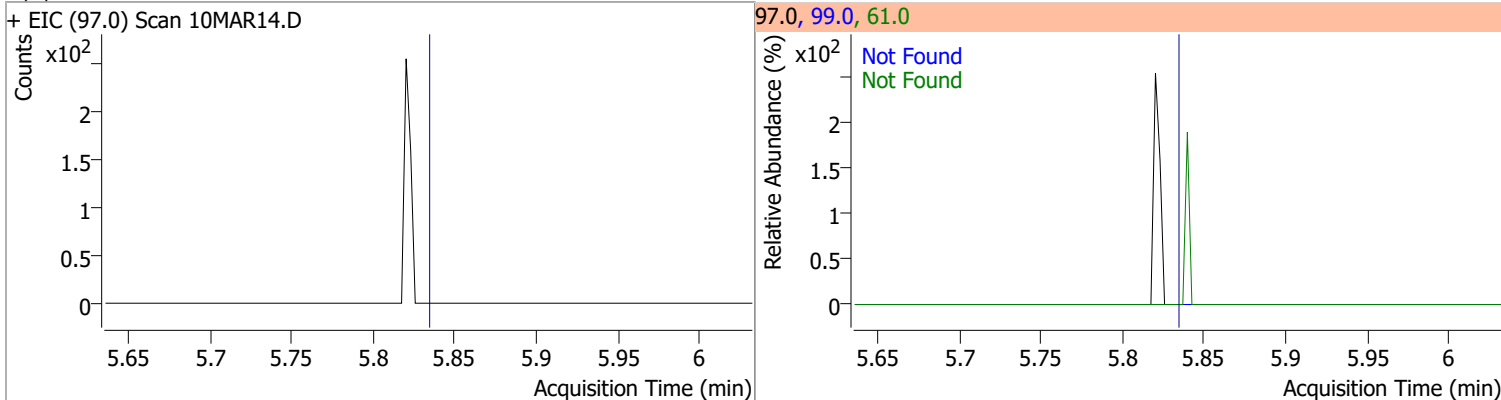


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.4200	5.65	0.00	778 (m)	85.0	62.7	34.7	94.7

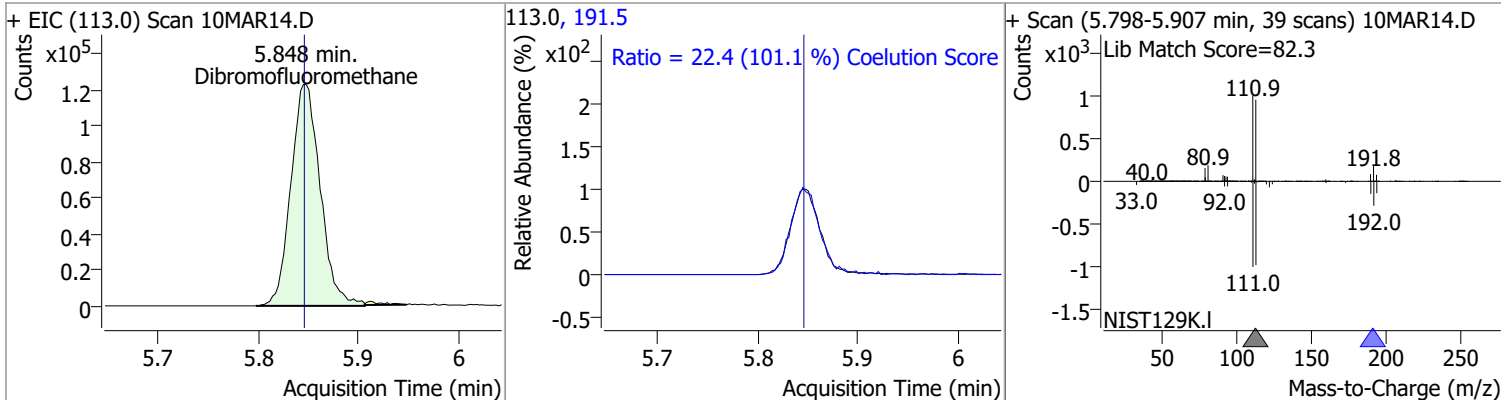


# Quantitation Results Report (QT Reviewed)

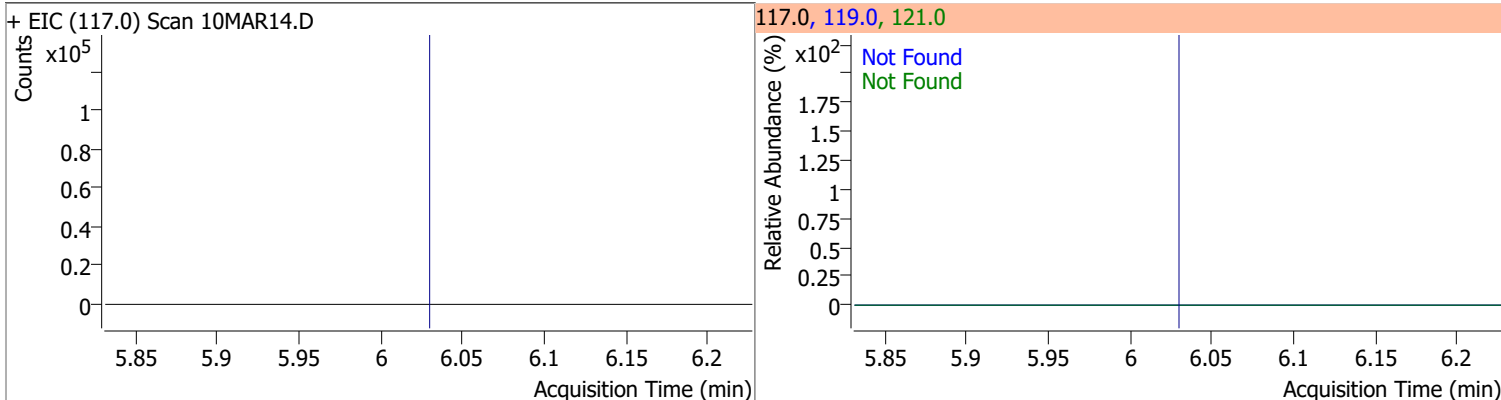
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.2	61.0	50.0



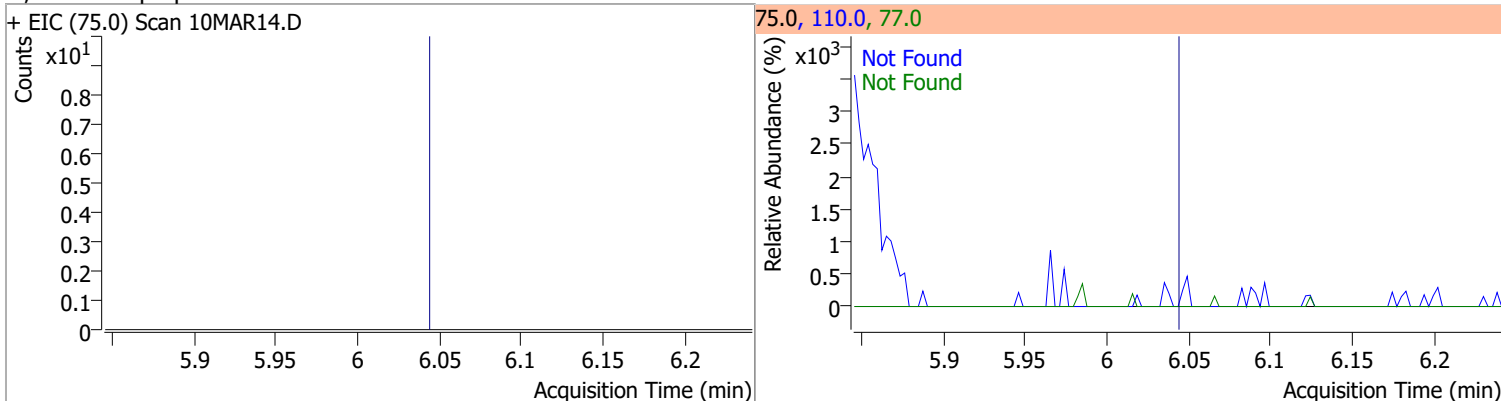
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	264.5299	5.85	0.01	250983	191.5	22.4	0.0	52.2



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.3	121.0	30.1



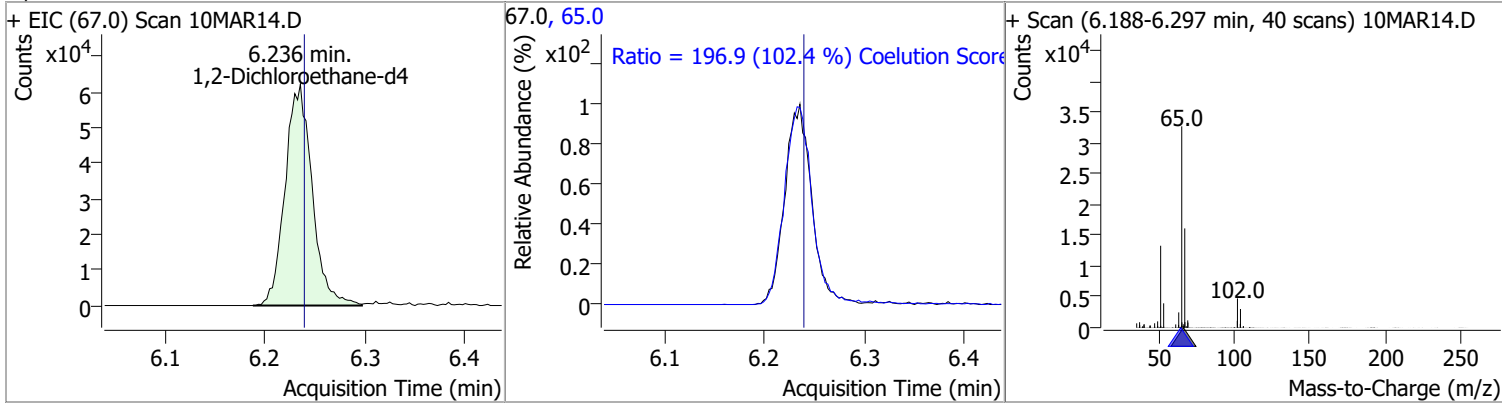
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	36.1	77.0	31.1



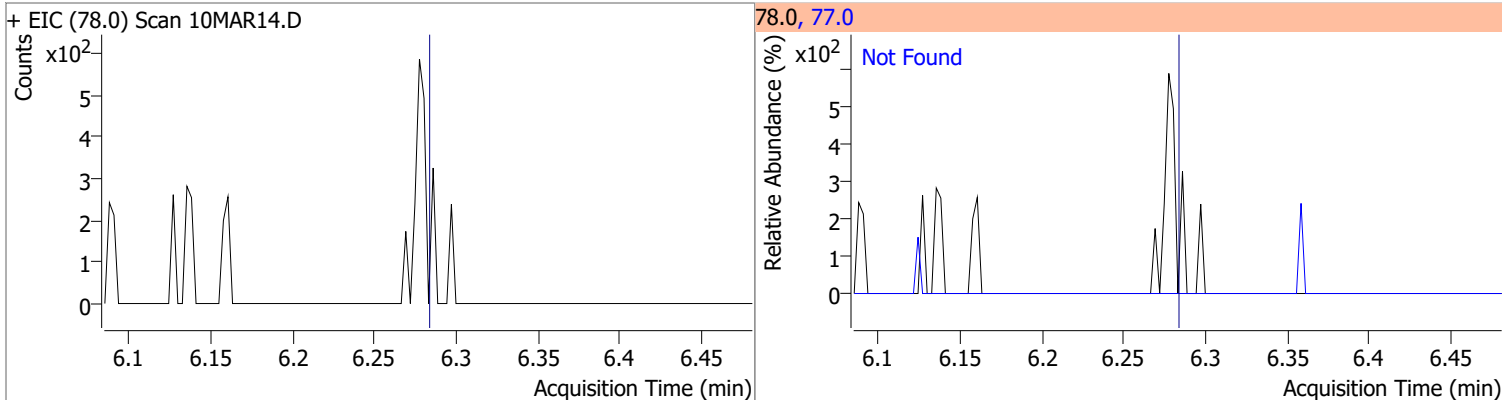


# Quantitation Results Report (QT Reviewed)

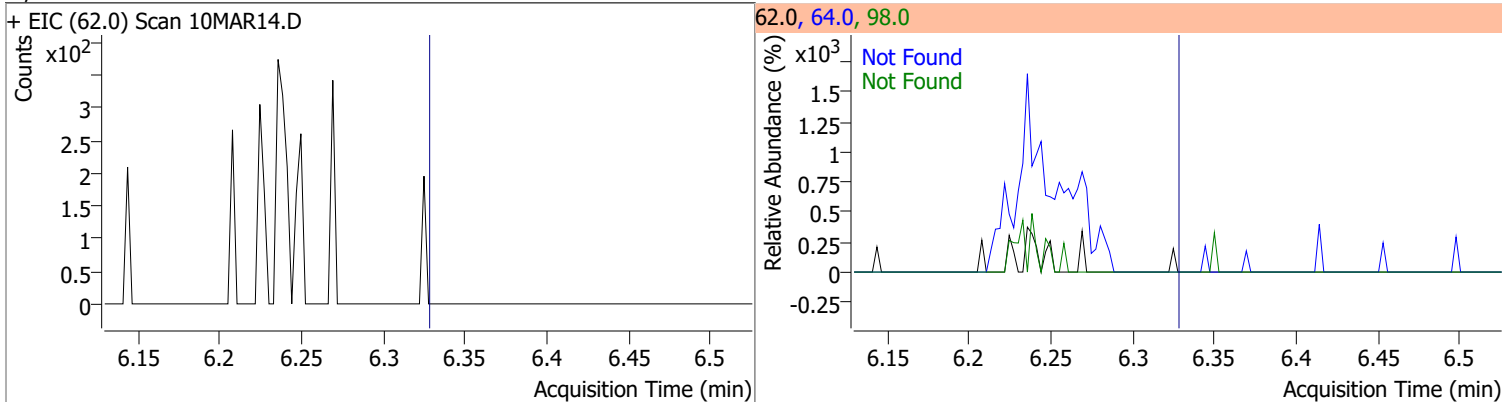
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	274.6263	6.24	0.00	116306	65.0	196.9	162.2	222.2



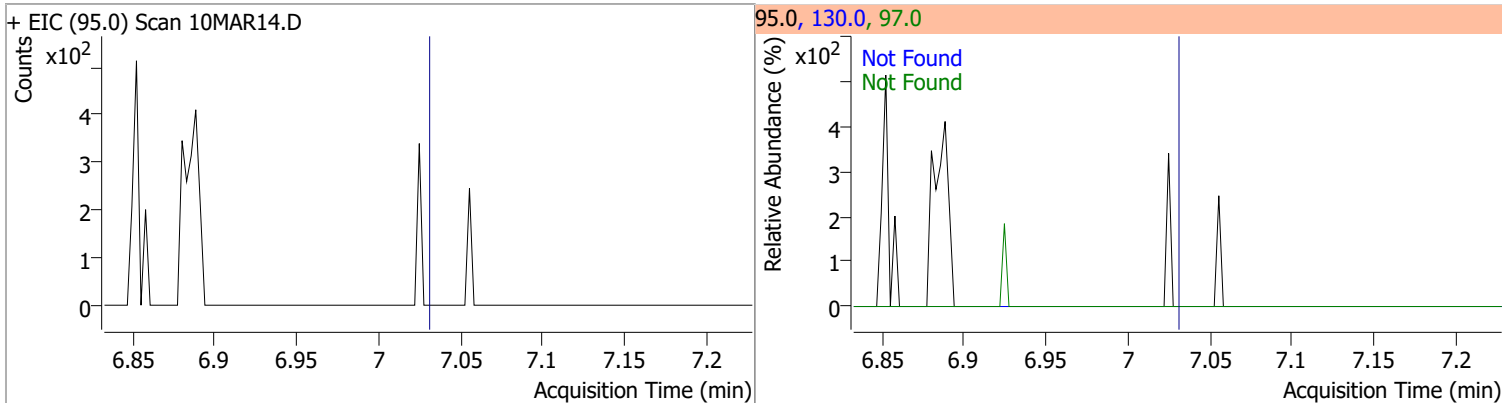
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



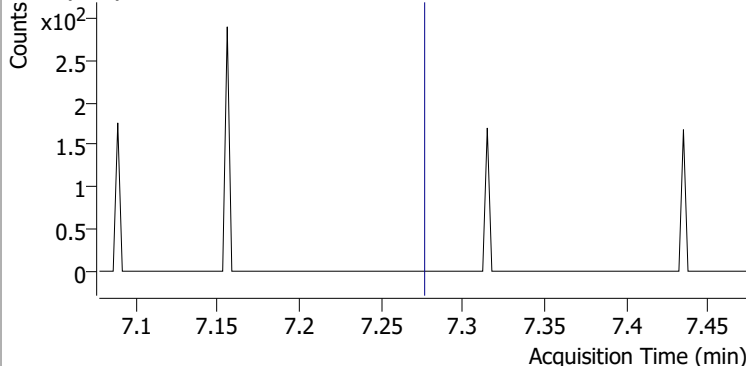
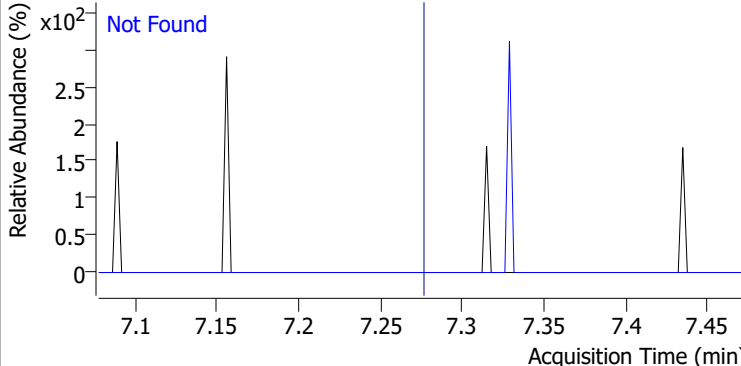
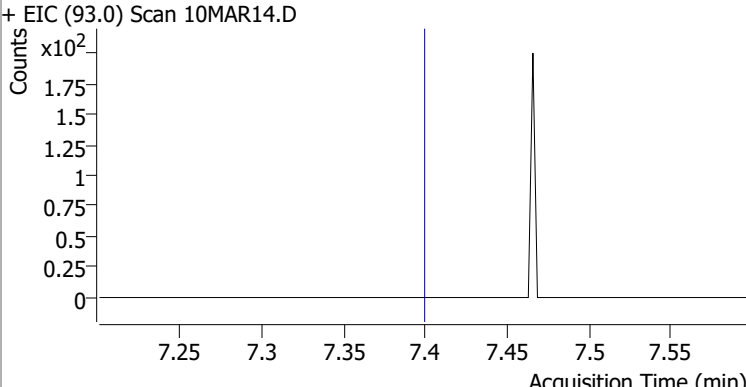
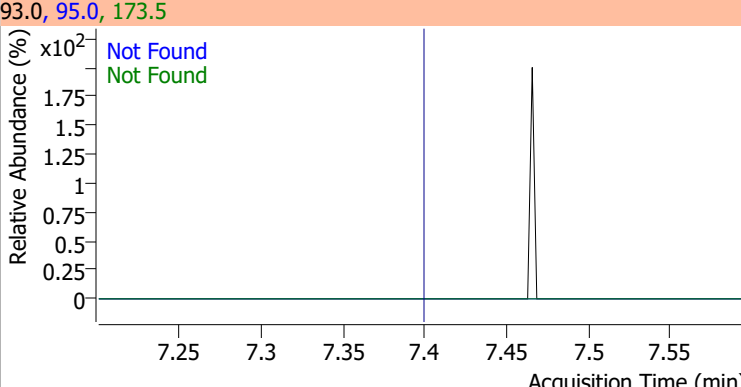
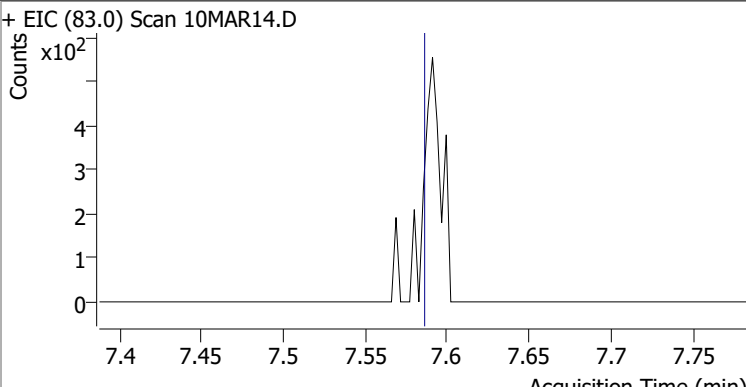
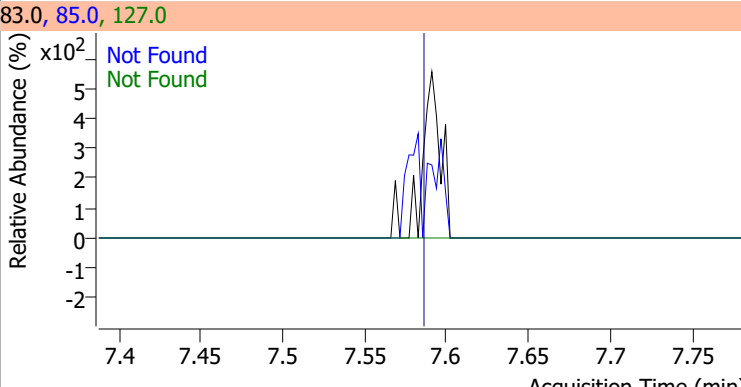
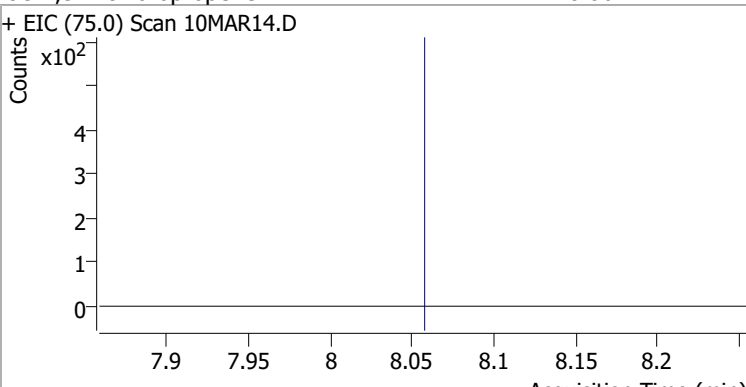
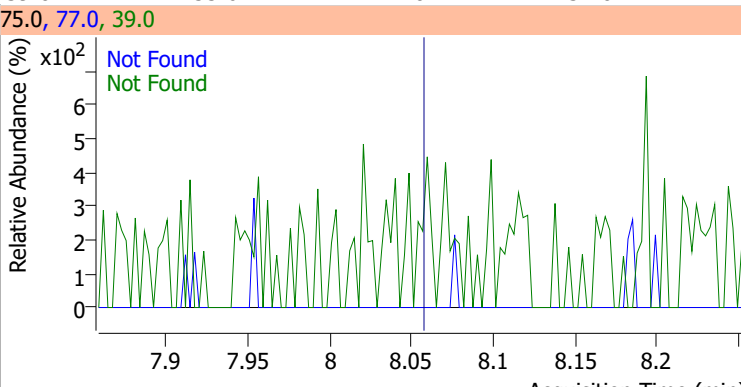
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

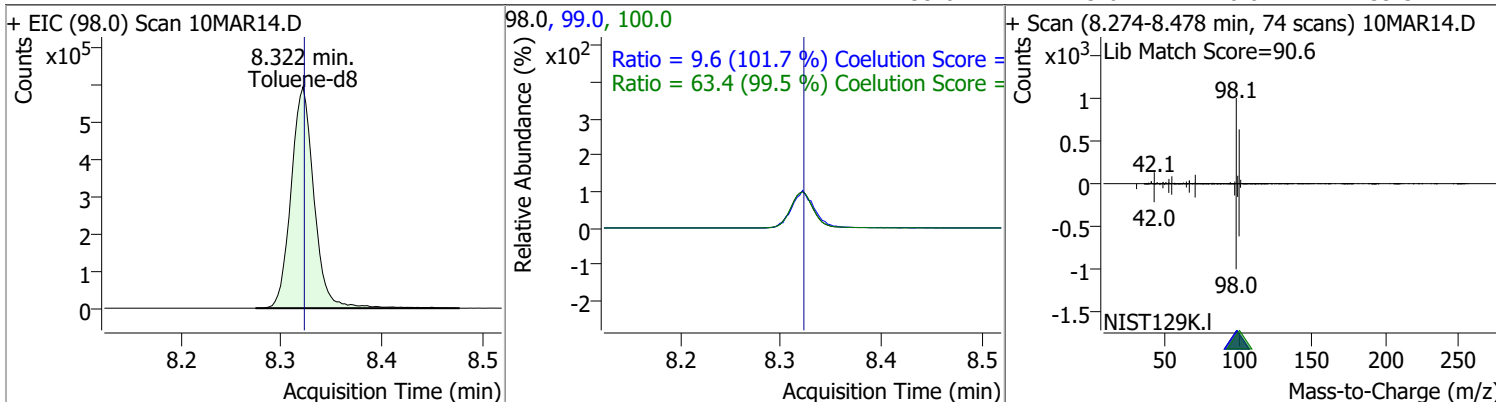


# Quantitation Results Report (QT Reviewed)

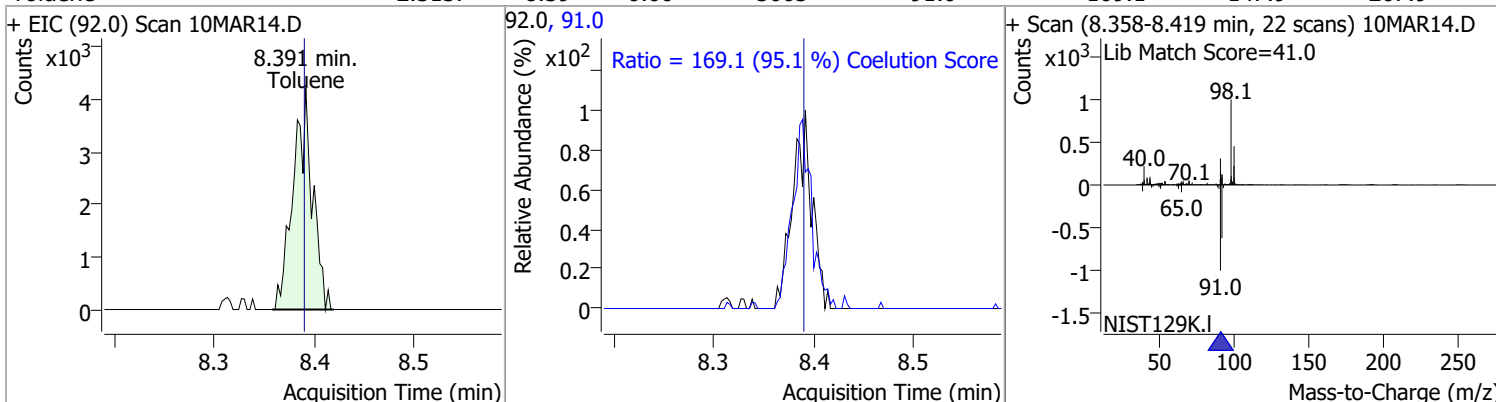
Compound	Conc.	Exp RT	QIon	Exp Ratio		
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR14.D			63.0, 76.0			
				Not Found		
Dibromomethane	N.D.	7.40	173.5	108.6	95.0	84.5
+ EIC (93.0) Scan 10MAR14.D			93.0, 95.0, 173.5			
				Not Found Not Found		
Bromodichloromethane	N.D.	7.59	85.0	63.2	127.0	9.4
+ EIC (83.0) Scan 10MAR14.D			83.0, 85.0, 127.0			
				Not Found Not Found		
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	77.0	32.0
+ EIC (75.0) Scan 10MAR14.D			75.0, 77.0, 39.0			
				Not Found Not Found		

# Quantitation Results Report (QT Reviewed)

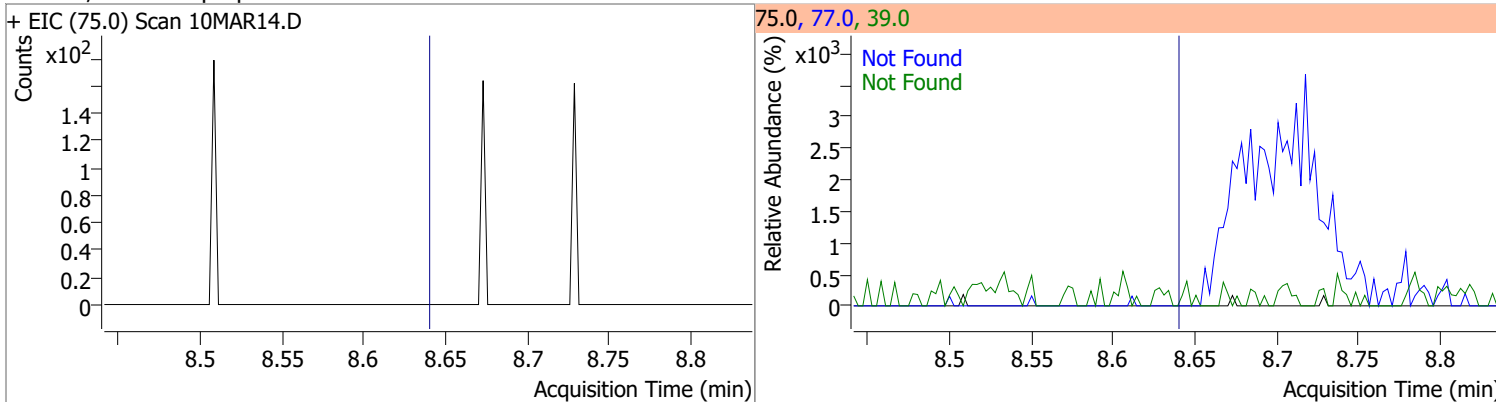
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	238.2881	8.32	0.00	942720	100.0	63.4	33.7	93.7
					99.0	9.6	0.0	39.5



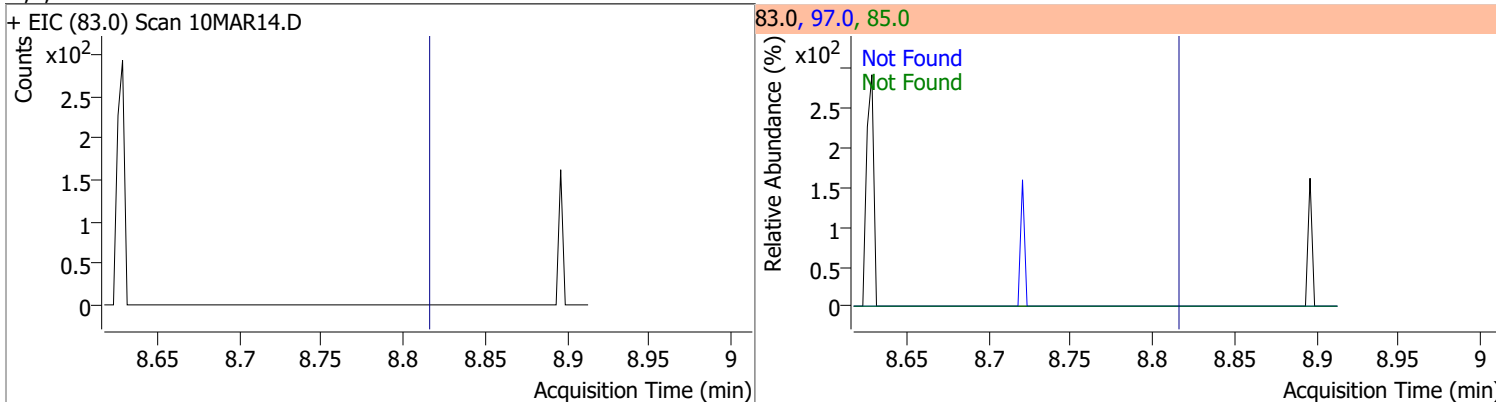
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.3137	8.39	0.00	5665	91.0	169.1	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

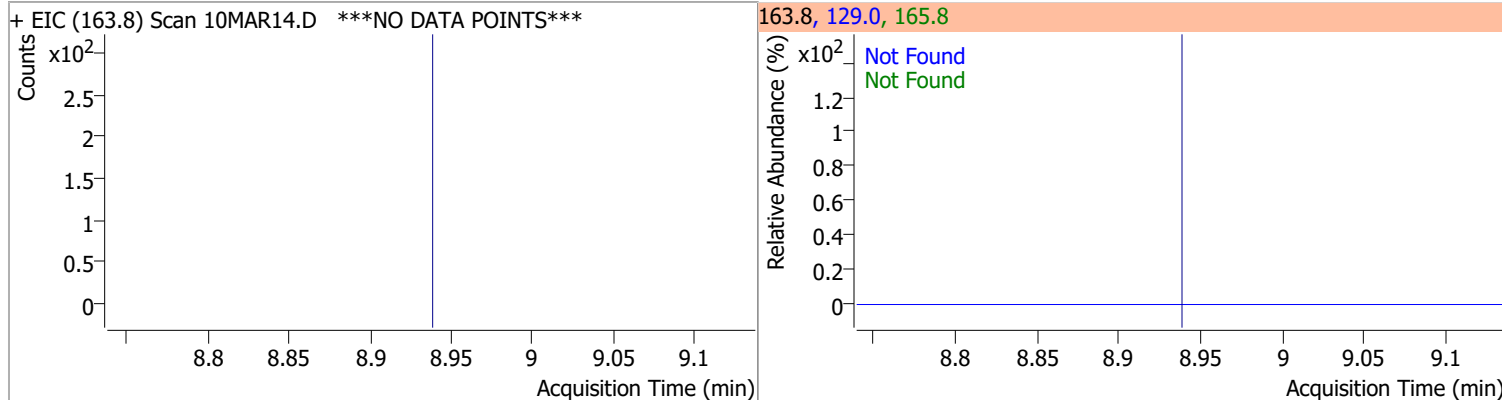


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

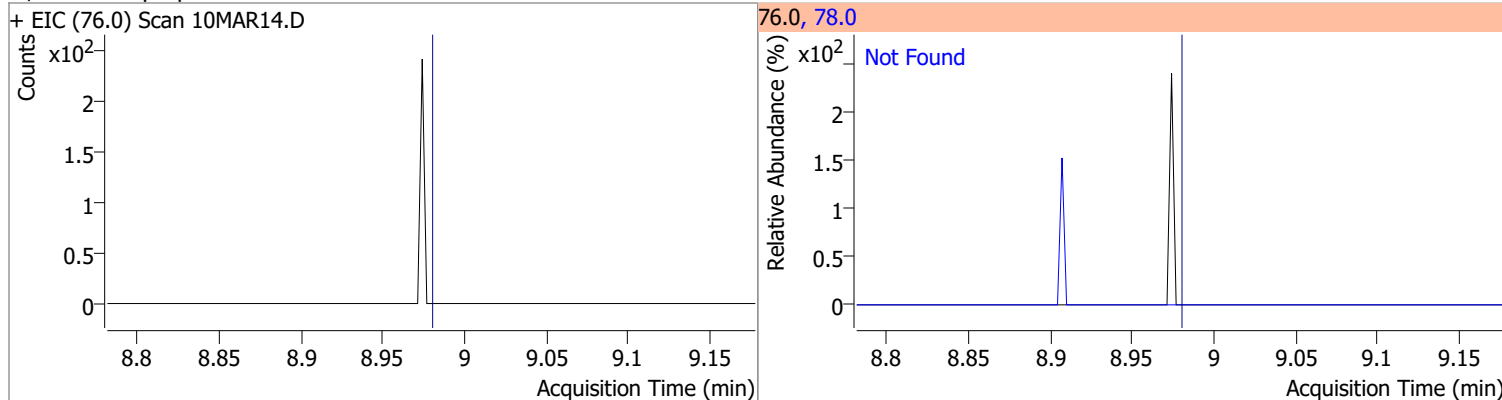


# Quantitation Results Report (QT Reviewed)

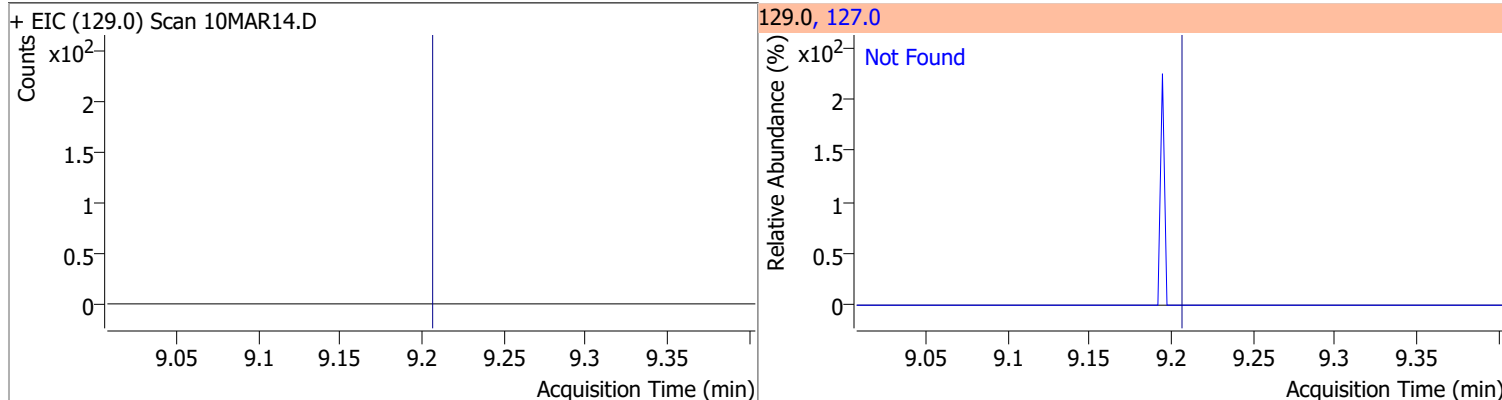
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



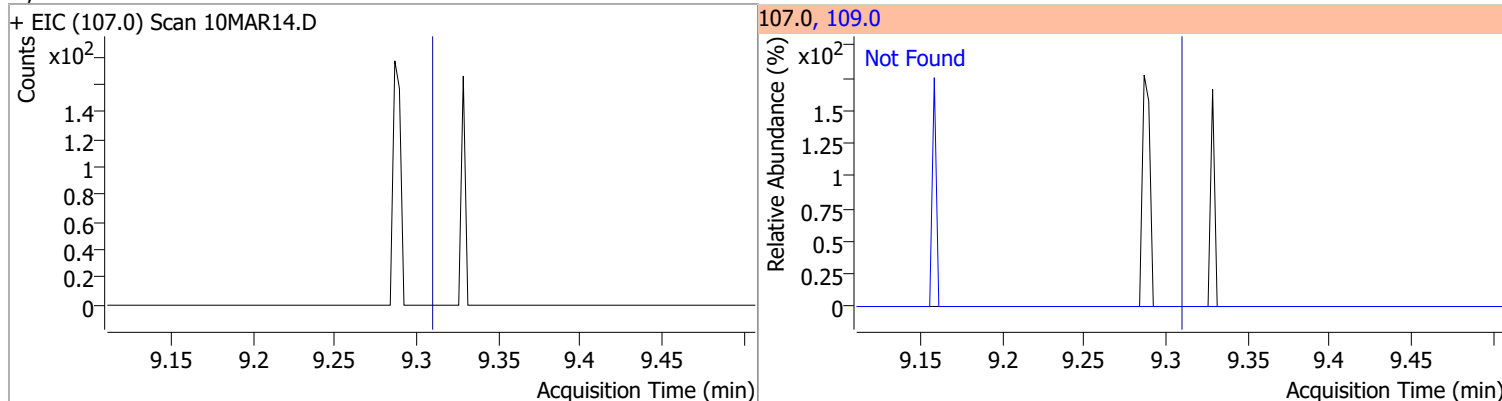
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



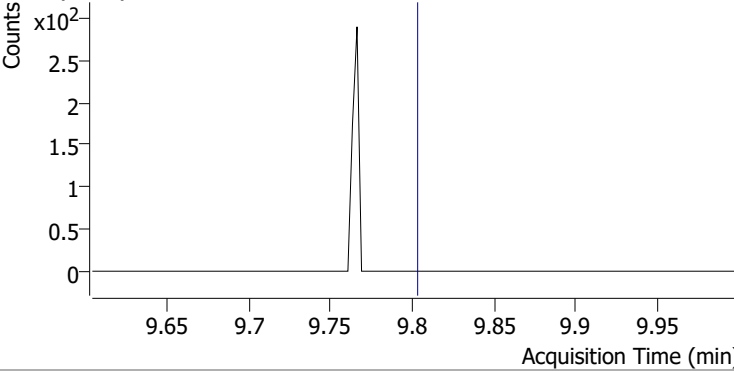
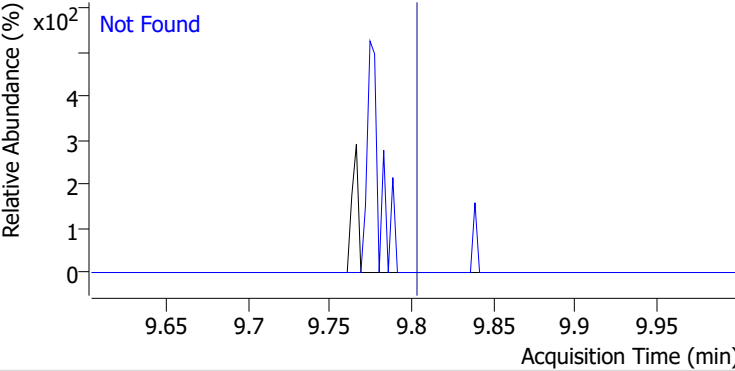
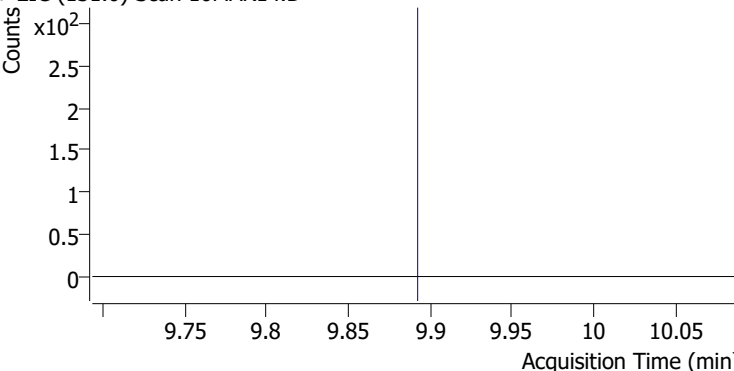
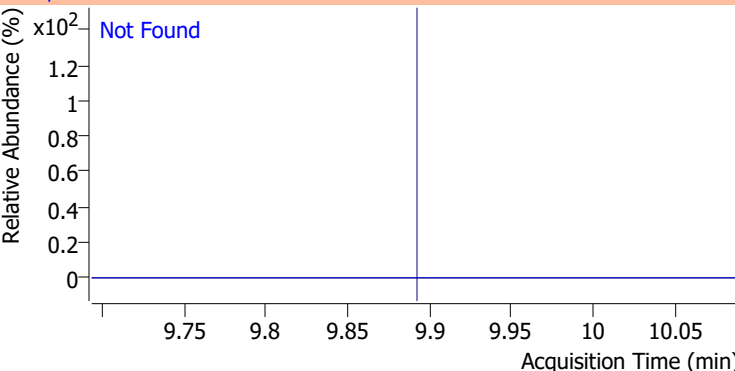
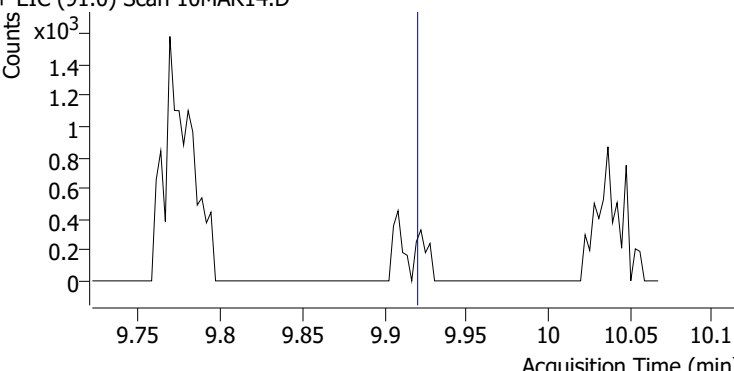
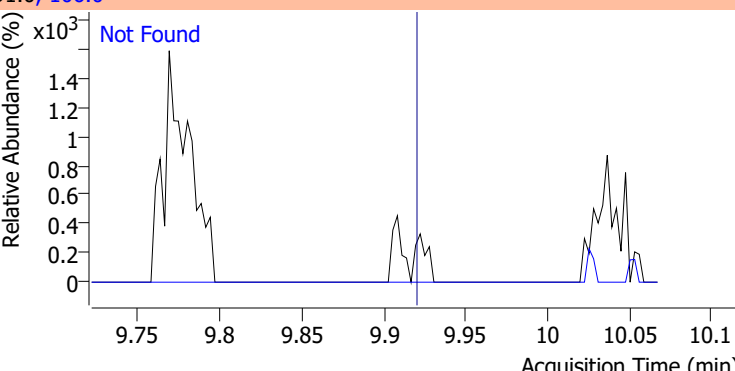
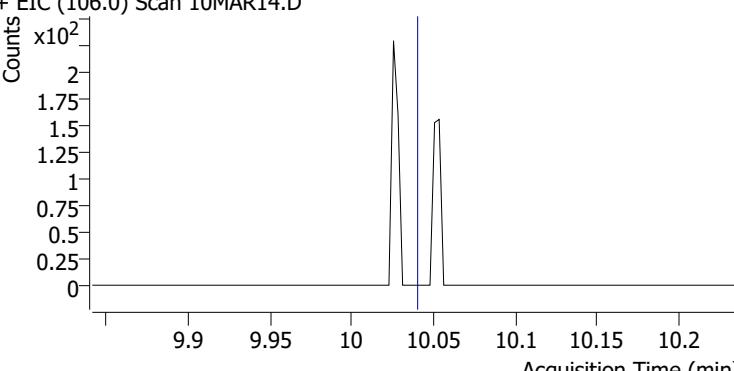
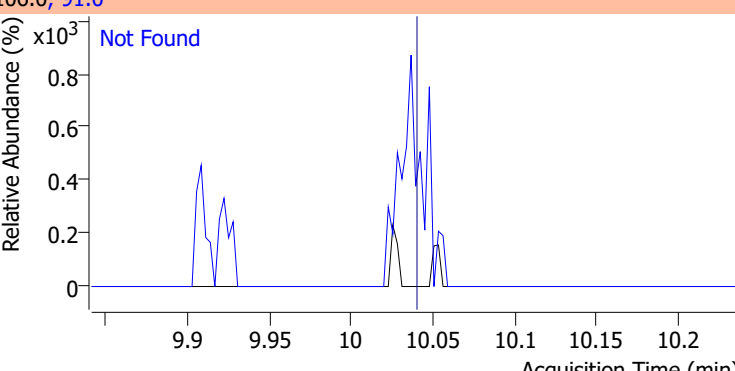
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



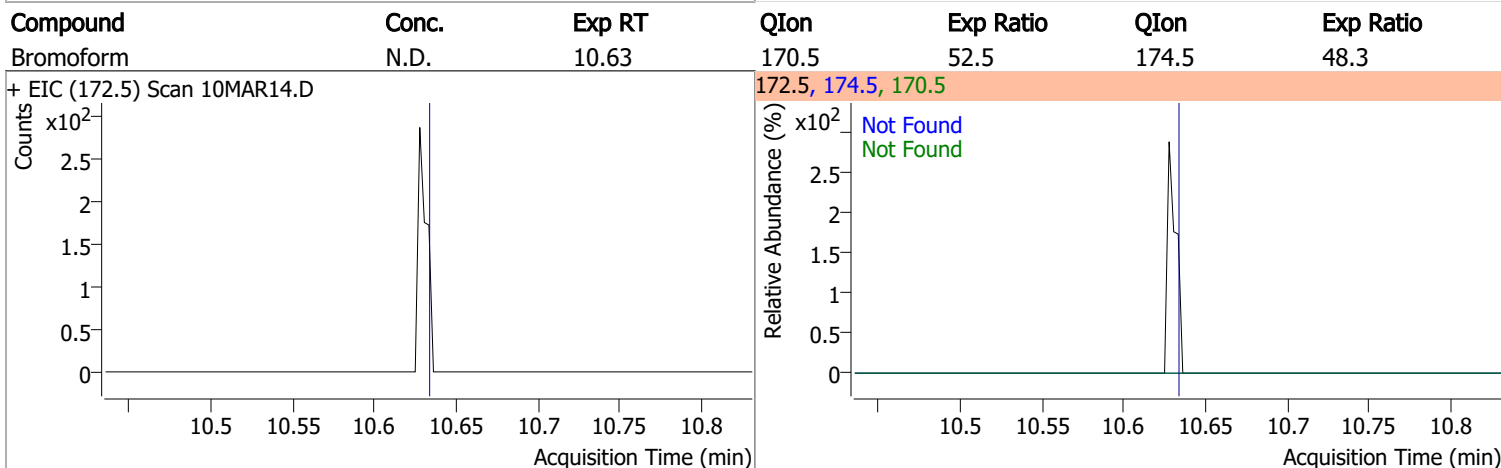
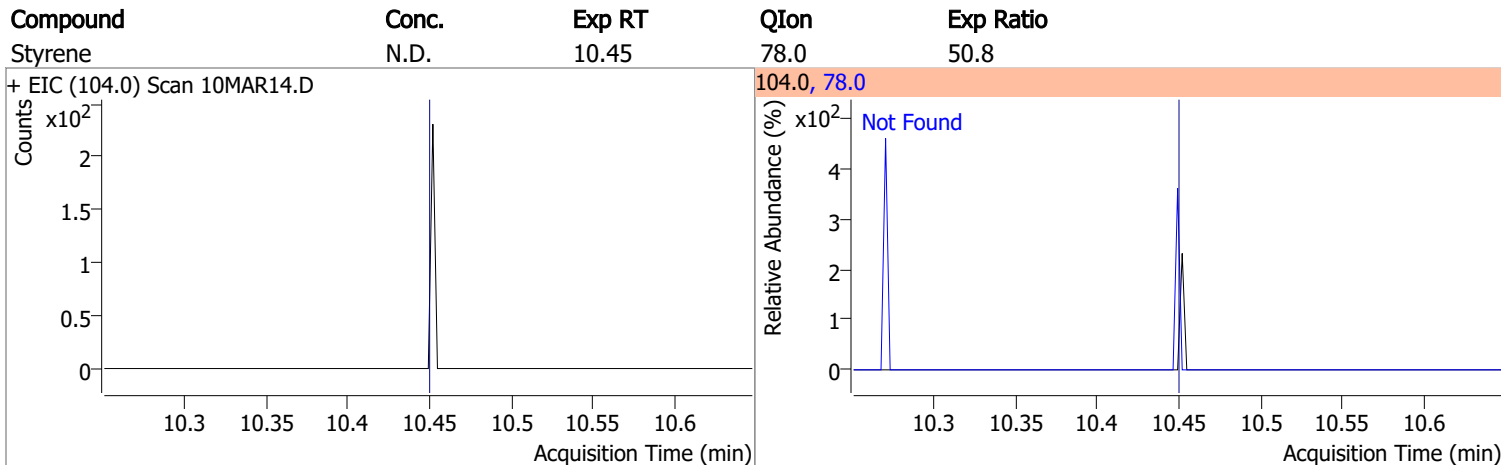
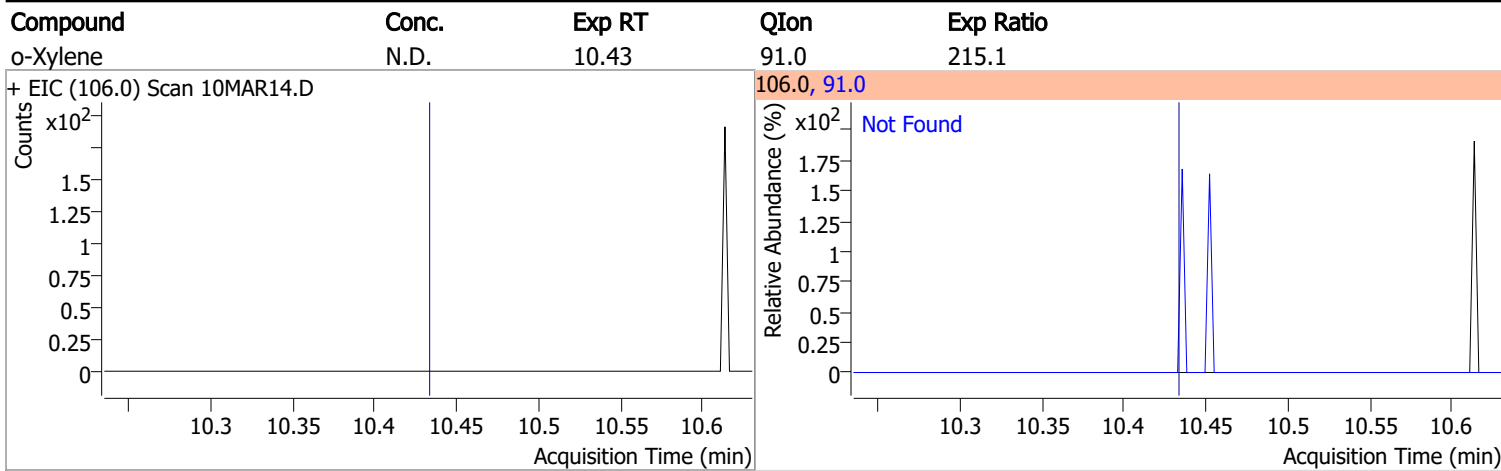
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4



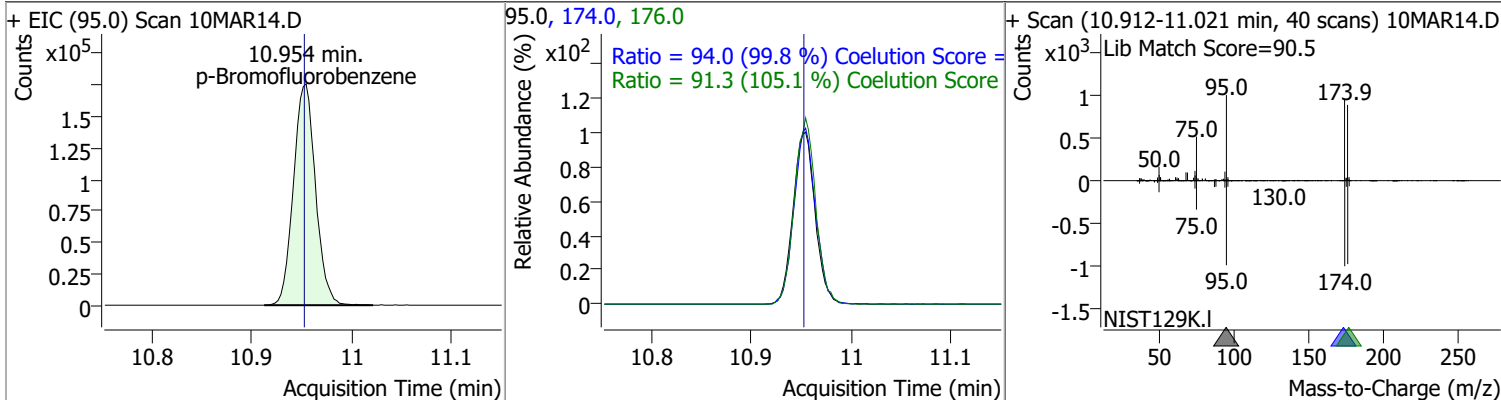
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR14.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR14.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR14.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR14.D			106.0, 91.0	
				

# Quantitation Results Report (QT Reviewed)



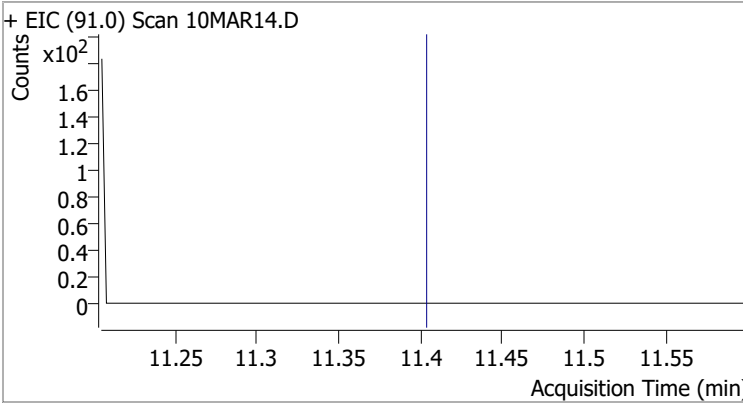
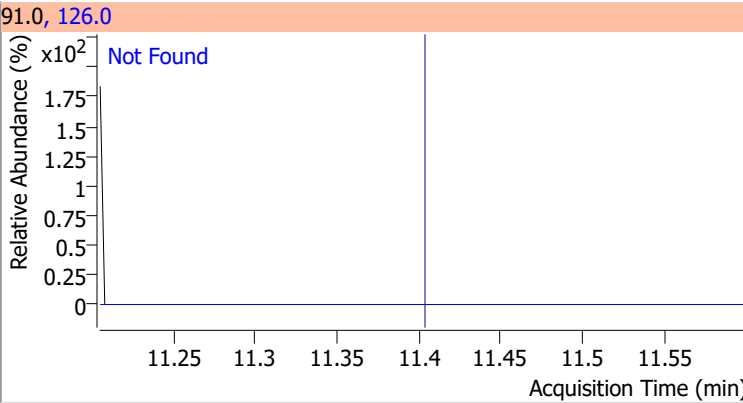
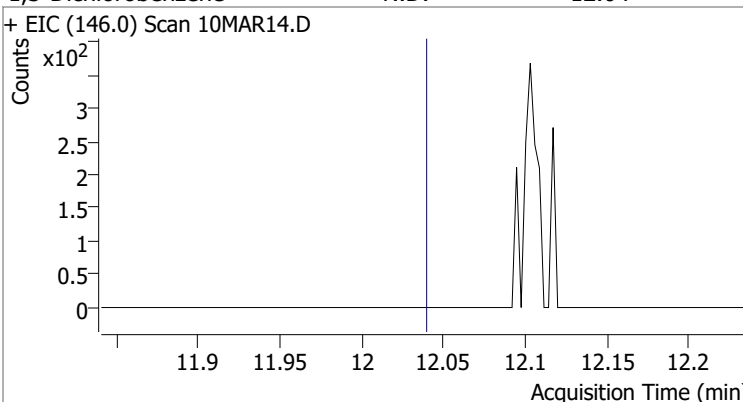
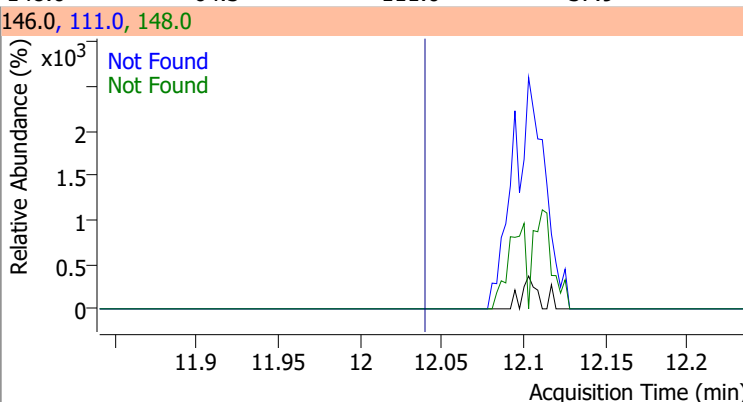
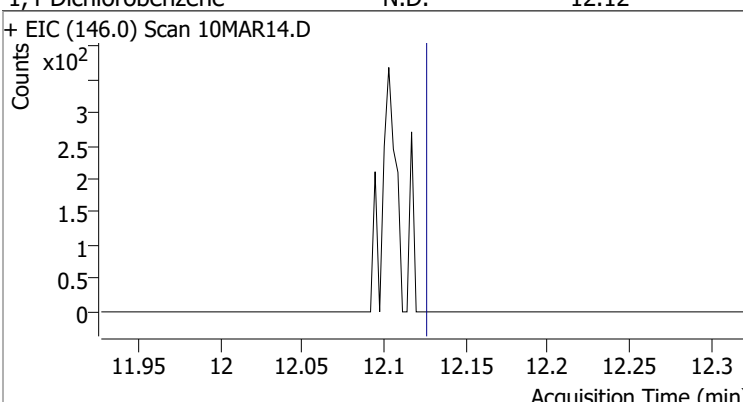
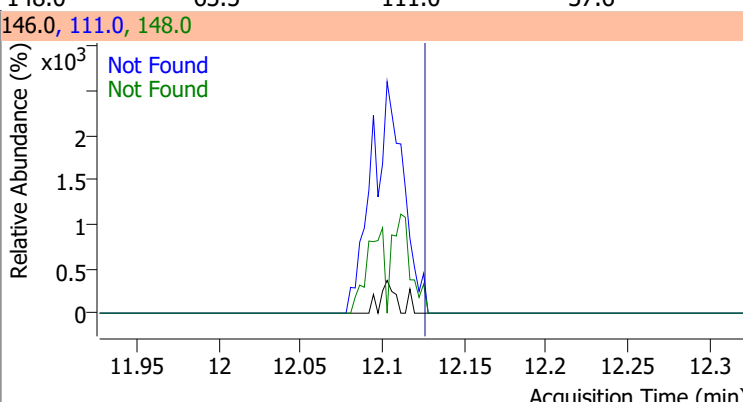
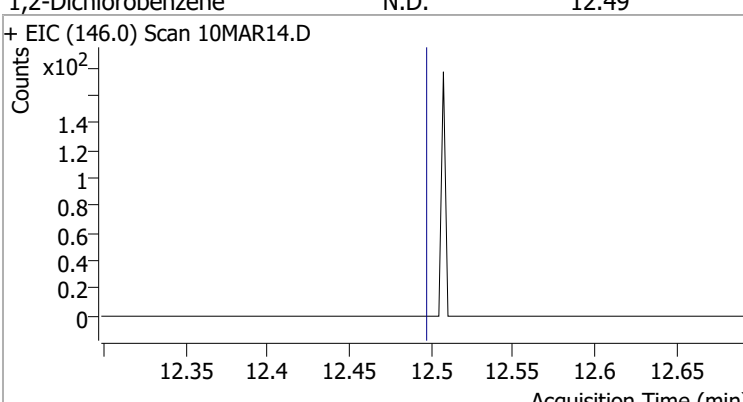
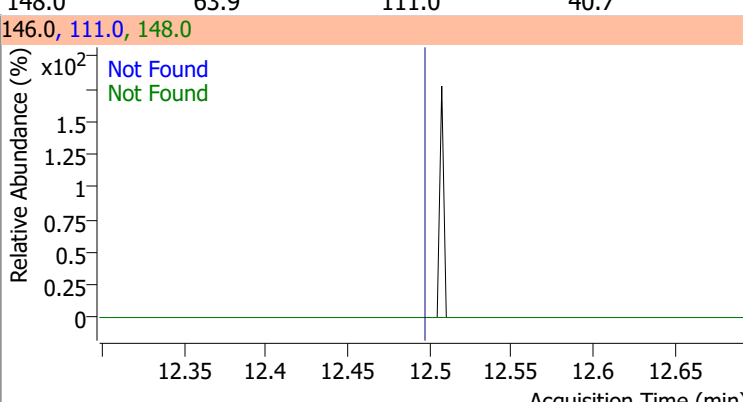
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	265.0167	10.95	0.01	268533	174.0	94.0	64.2	124.2
					176.0	91.3	56.9	116.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR14.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR14.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR14.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR14.D			126.0, 91.0			

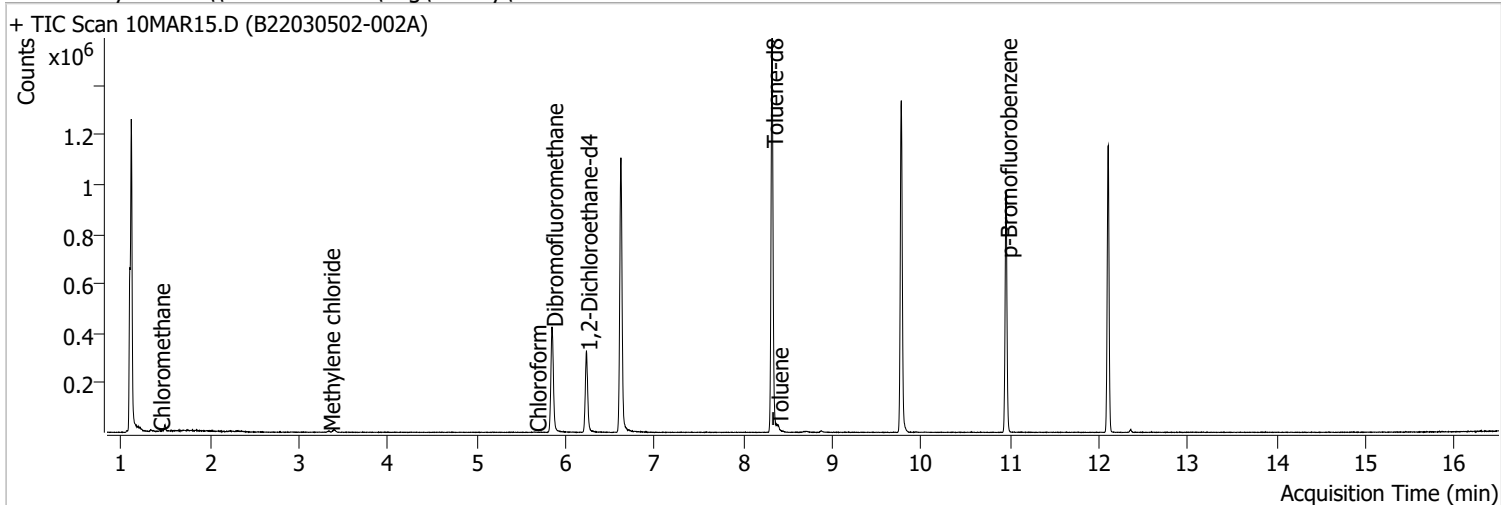
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio				
4-Chlorotoluene	N.D.	11.40	126.0	31.5				
+ EIC (91.0) Scan 10MAR14.D			91.0, 126.0					
								
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio		
+ EIC (146.0) Scan 10MAR14.D			146.0, 111.0, 148.0					
								
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio		
+ EIC (146.0) Scan 10MAR14.D			146.0, 111.0, 148.0					
								
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio		
+ EIC (146.0) Scan 10MAR14.D			146.0, 111.0, 148.0					
								



# Quantitation Results Report (QT Reviewed)

Data File	10MAR15.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 6:29:08 PM
Sample Name	B22030502-002A	Instrument	VOA5975C
Vial	15	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.621	96.0	926567	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	368575	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	273094	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.845	113.0	254685	270.5190	ng	0.003
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.21%		
S 1,2-Dichloroethane-d4	6.233	67.0	113259	269.5111	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 107.80%		
S Toluene-d8	8.322	98.0	927863	236.1507	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 94.46%		
S p-Bromofluorobenzene	10.954	95.0	264217	262.3843	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 104.95%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.428	50.0	417	0.2686	ng	m 59
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	3082	2.1592	ng	m 94
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.661	83.0	1110	0.6043	ng	m 81

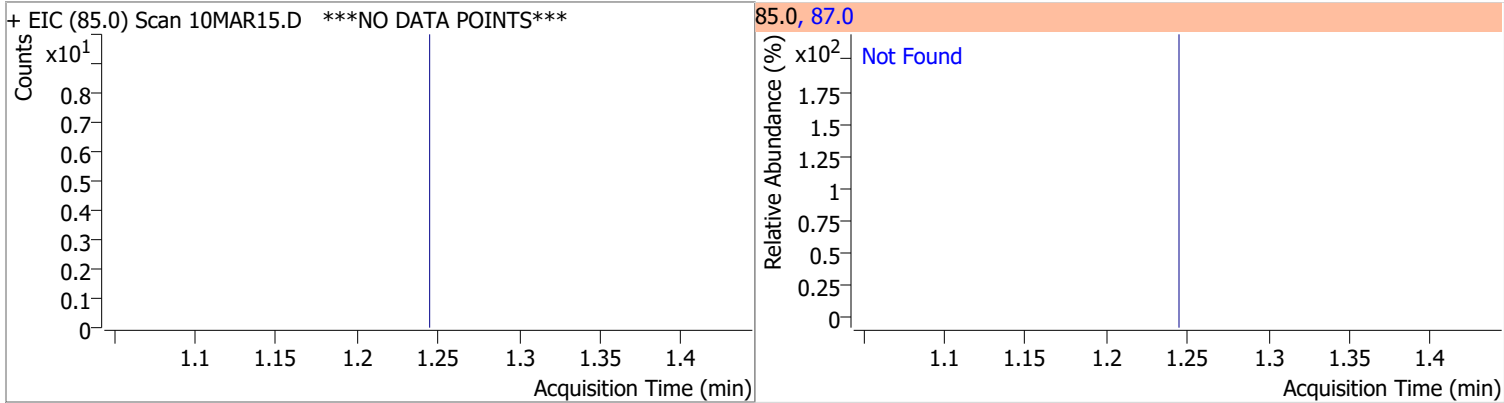
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.383	92.0	6298	2.5898	ng	95
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	10.028	106.0	0		ng md	1
T o-Xylene	10.424	106.0	0		ng md	1
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

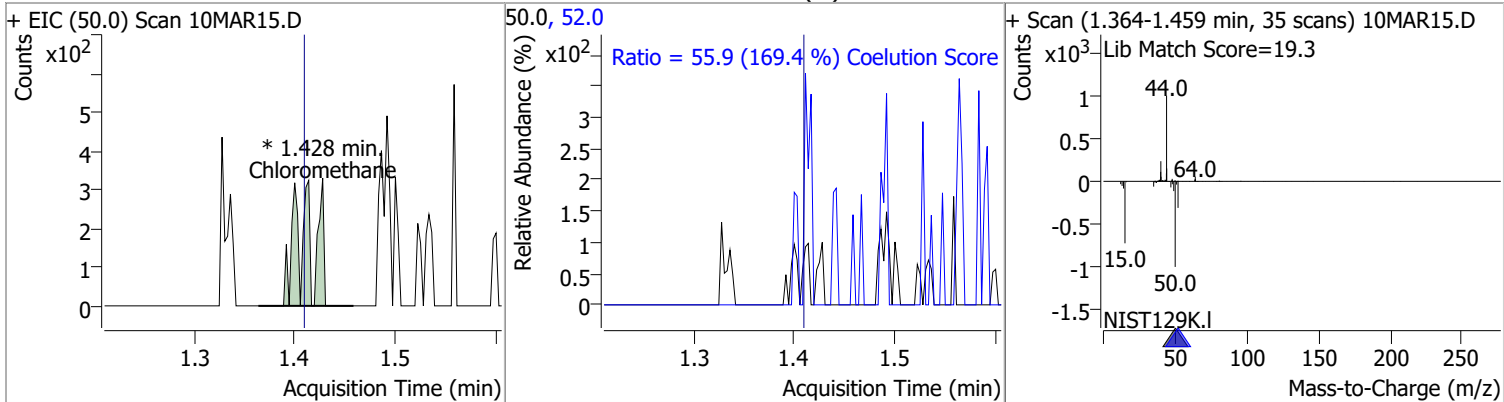
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

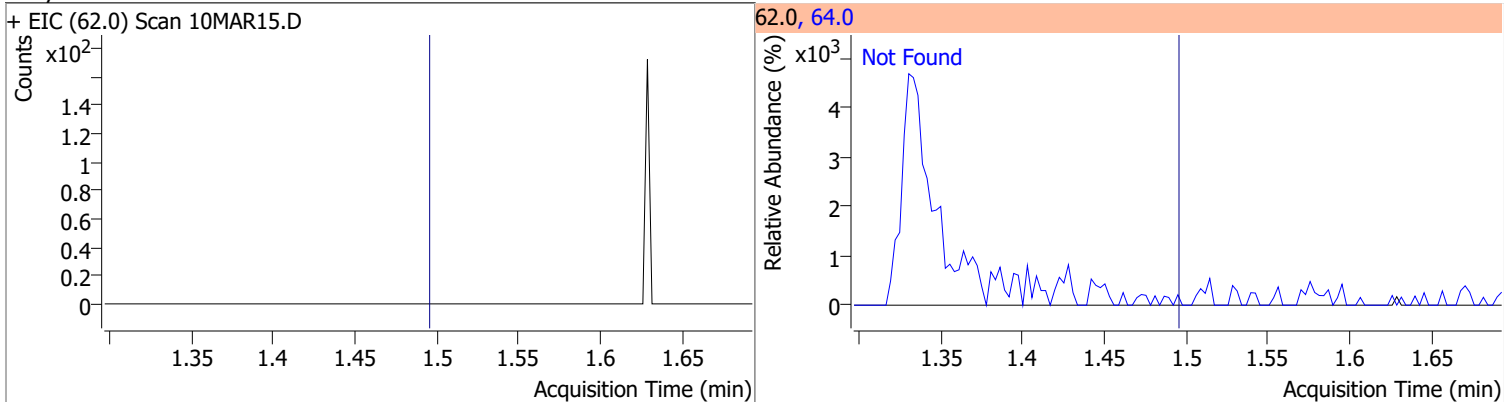
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5



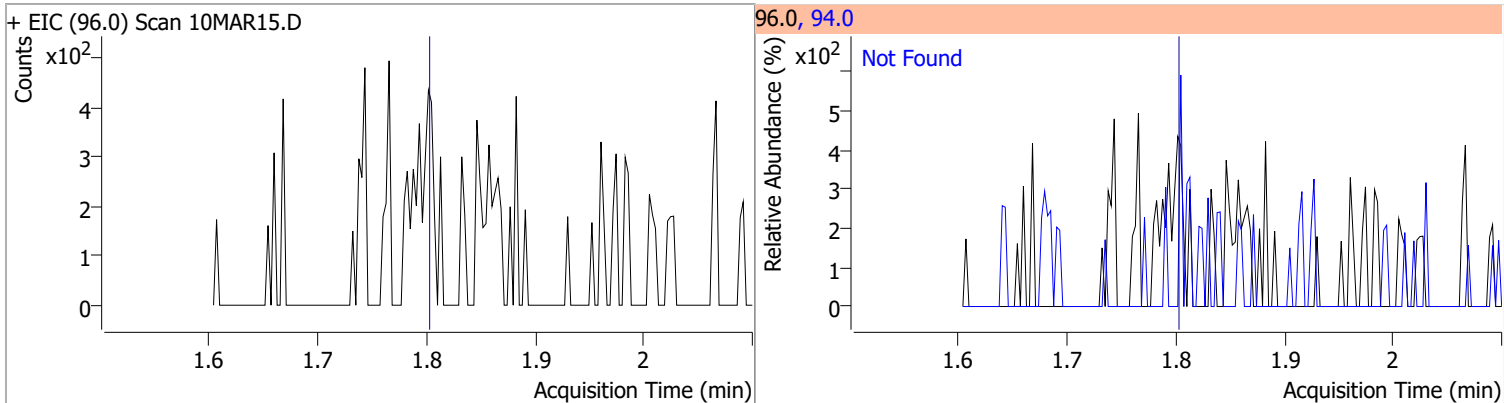
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.2686	1.43	0.02	417 (m)	52.0	55.9	3.0	63.0



Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.49	64.0	30.6

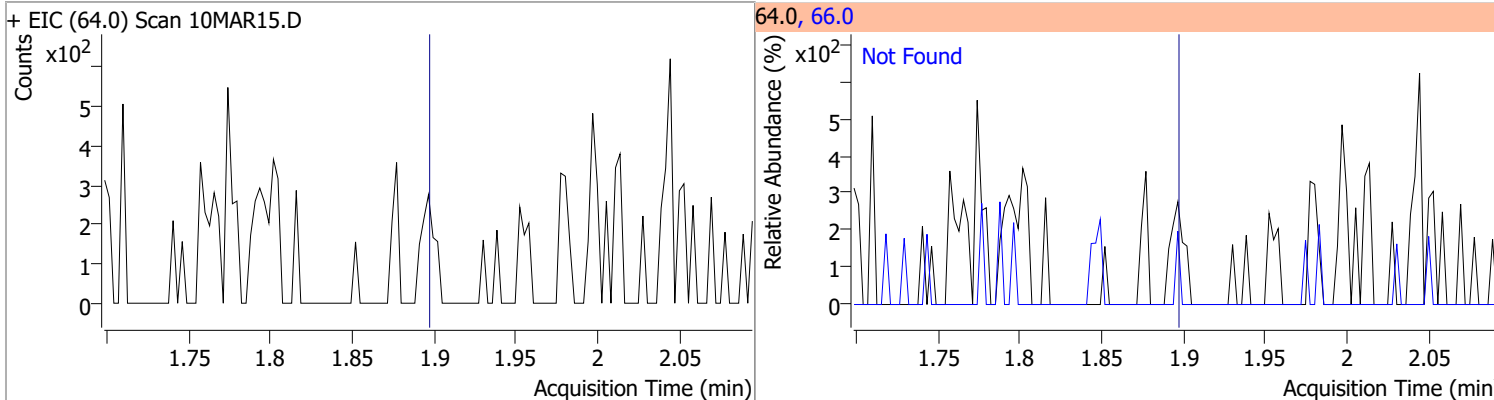


Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.8

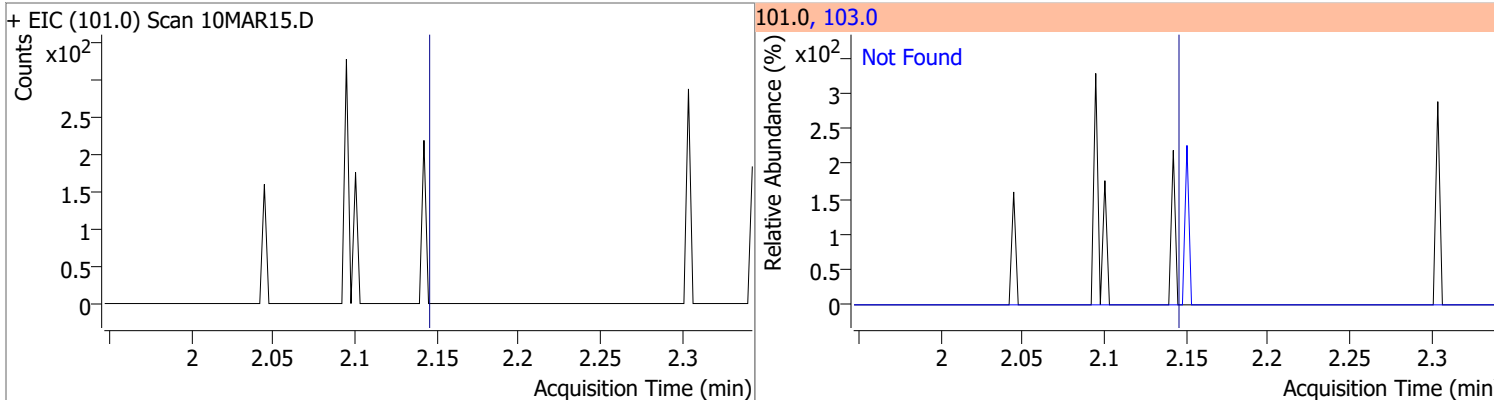


# Quantitation Results Report (QT Reviewed)

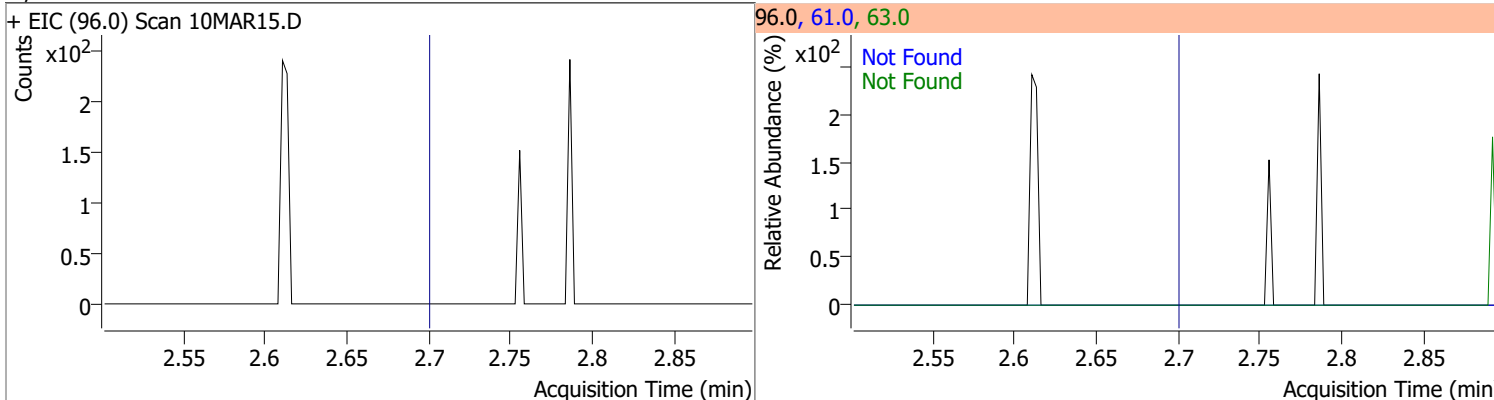
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



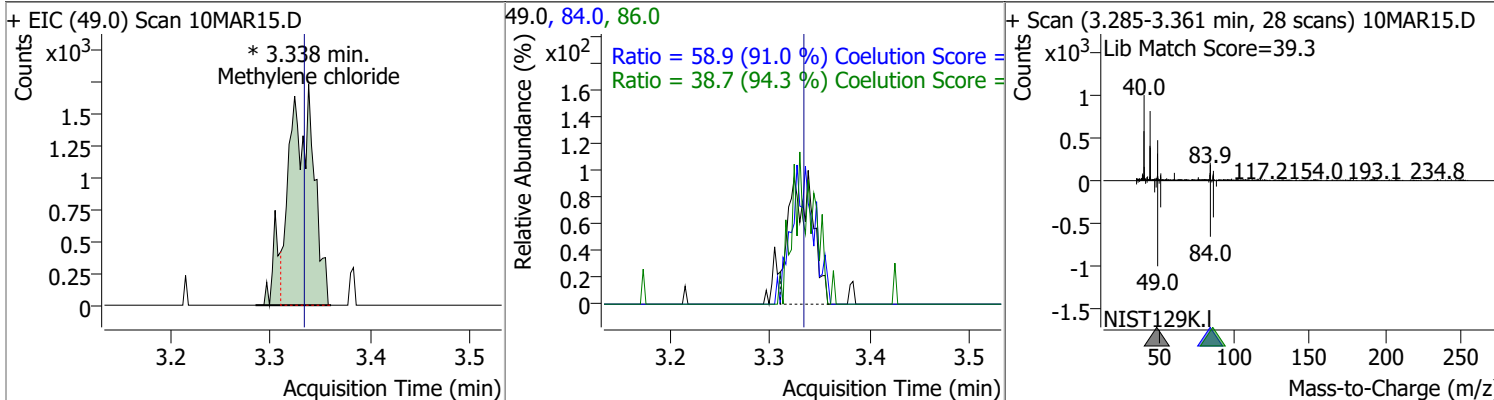
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



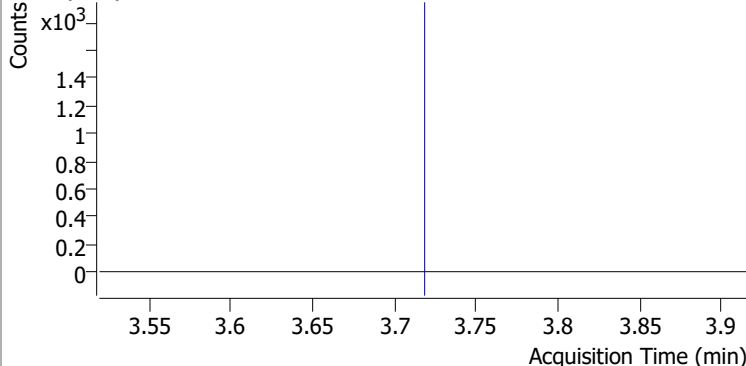
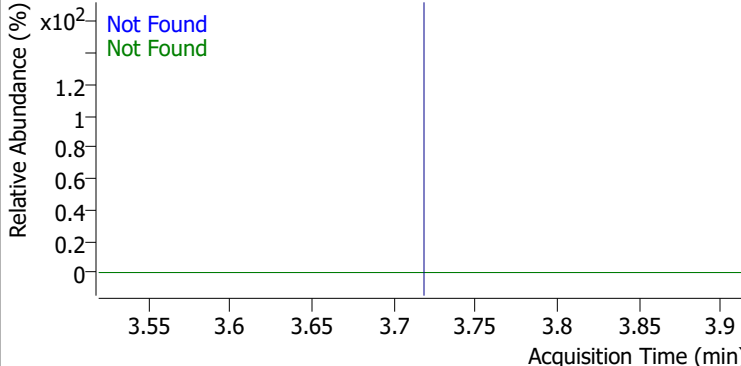
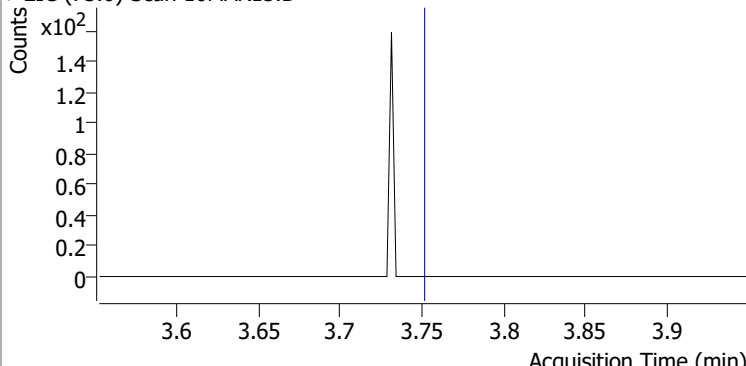
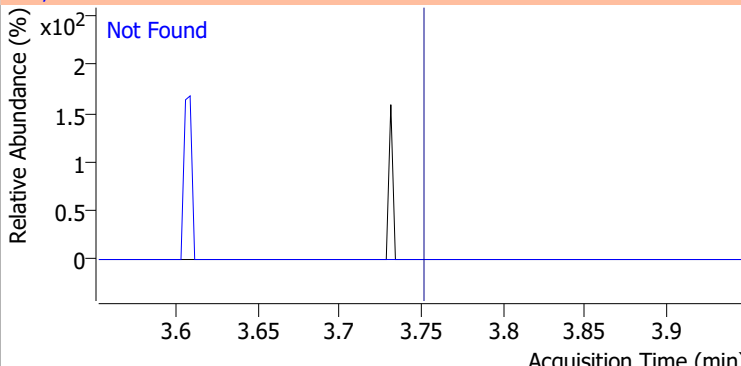
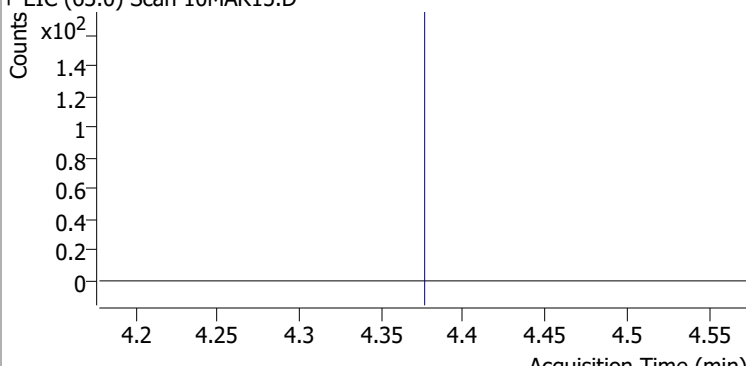
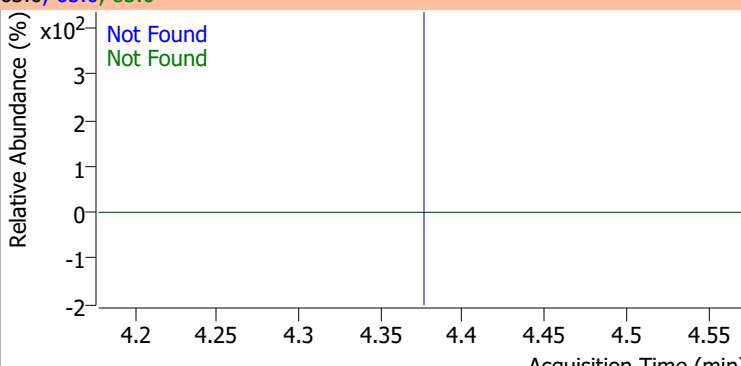
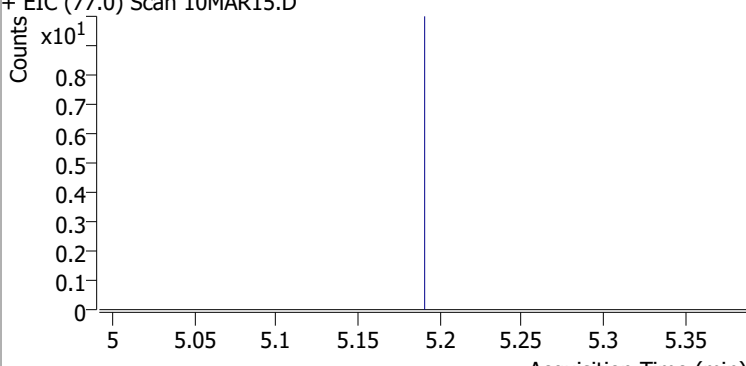
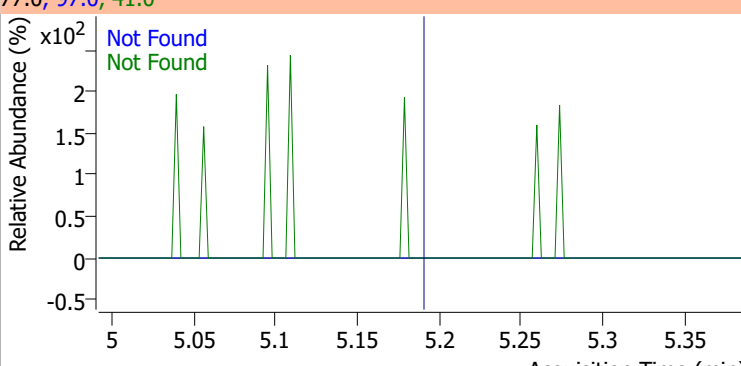
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	2.1592	3.34	0.01	3082 (m)	84.0	58.9	34.7	94.7
					86.0	38.7	11.1	71.1

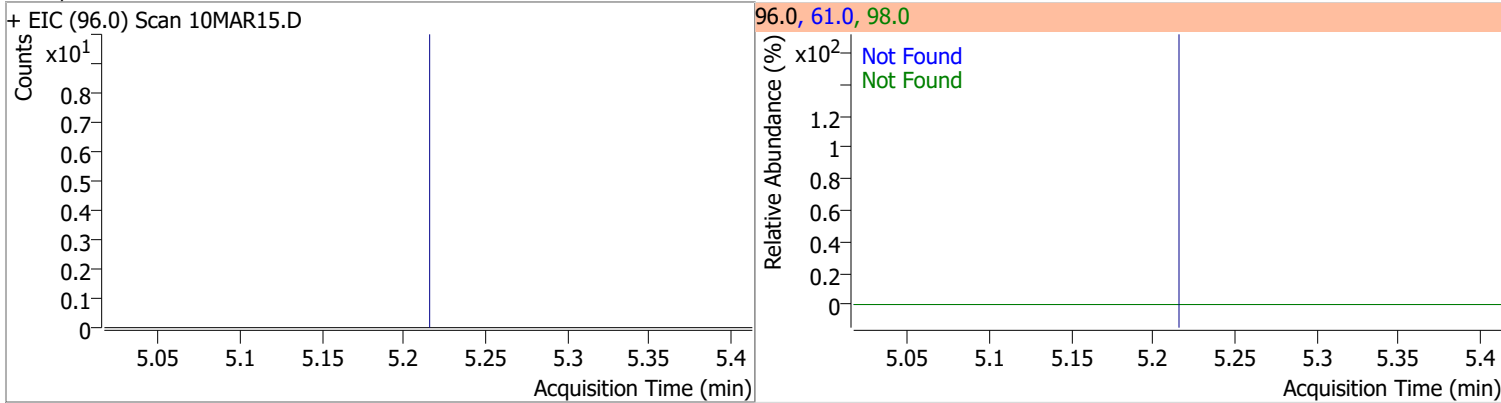


# Quantitation Results Report (QT Reviewed)

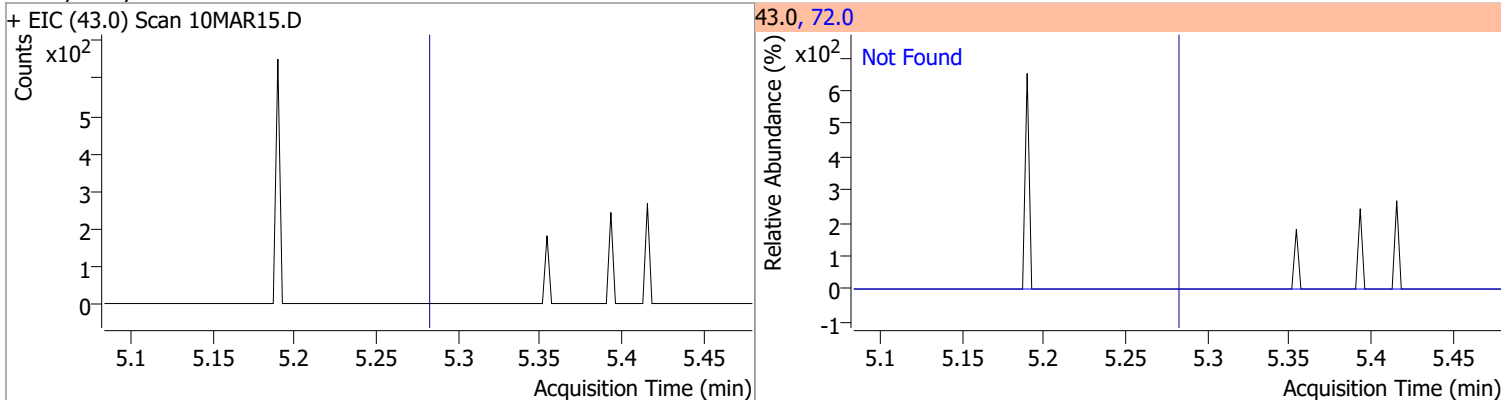
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 10MAR15.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 10MAR15.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 10MAR15.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 10MAR15.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

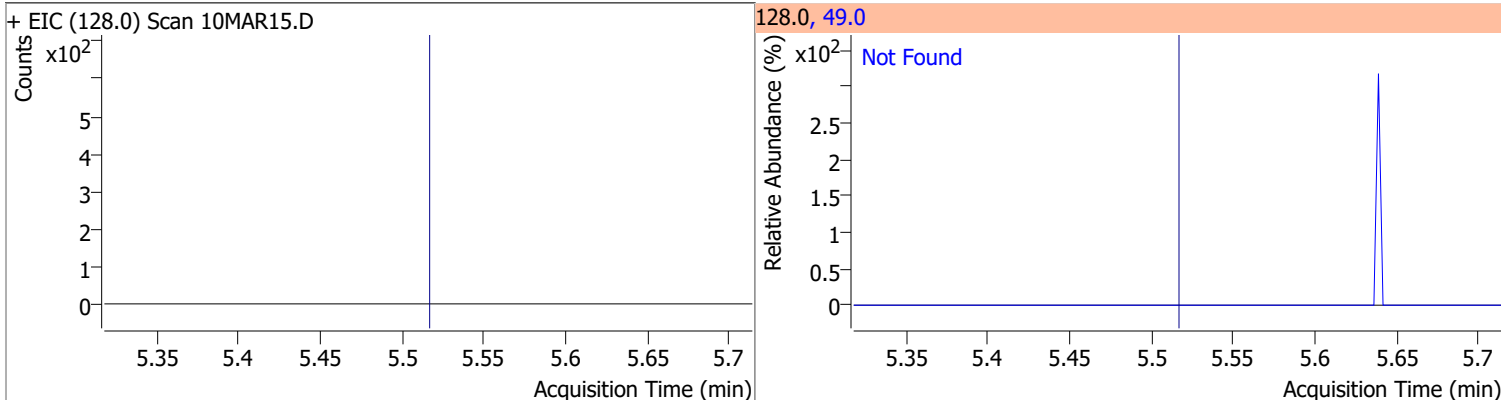
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



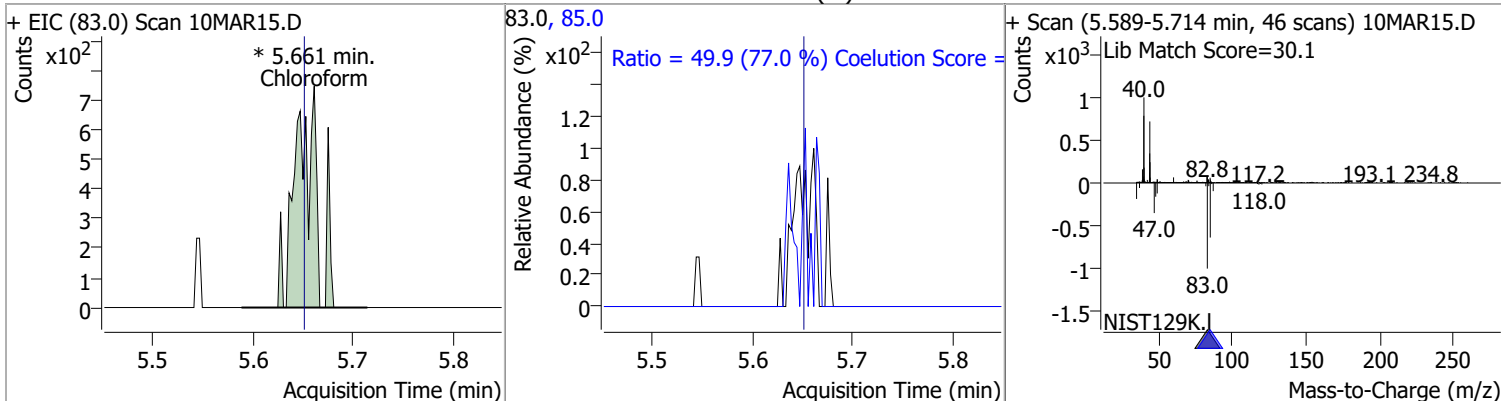
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



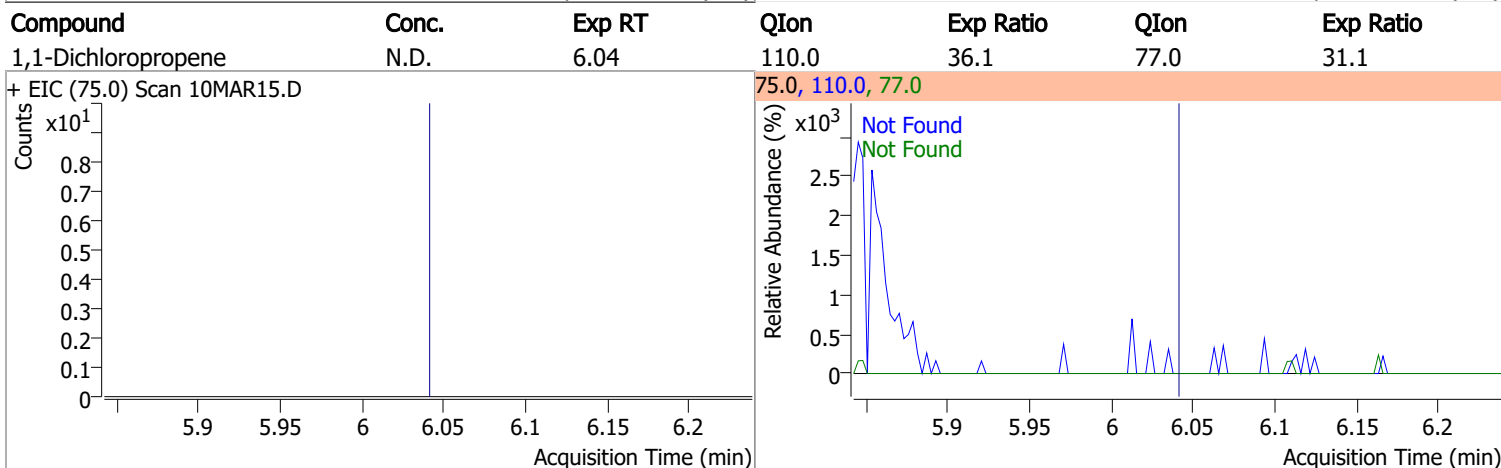
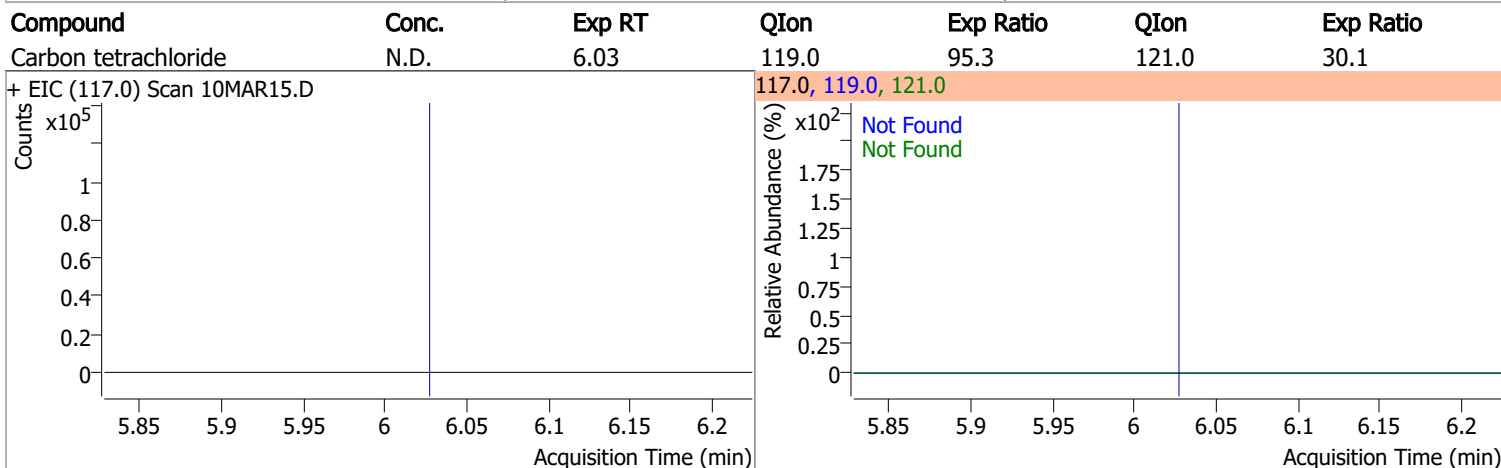
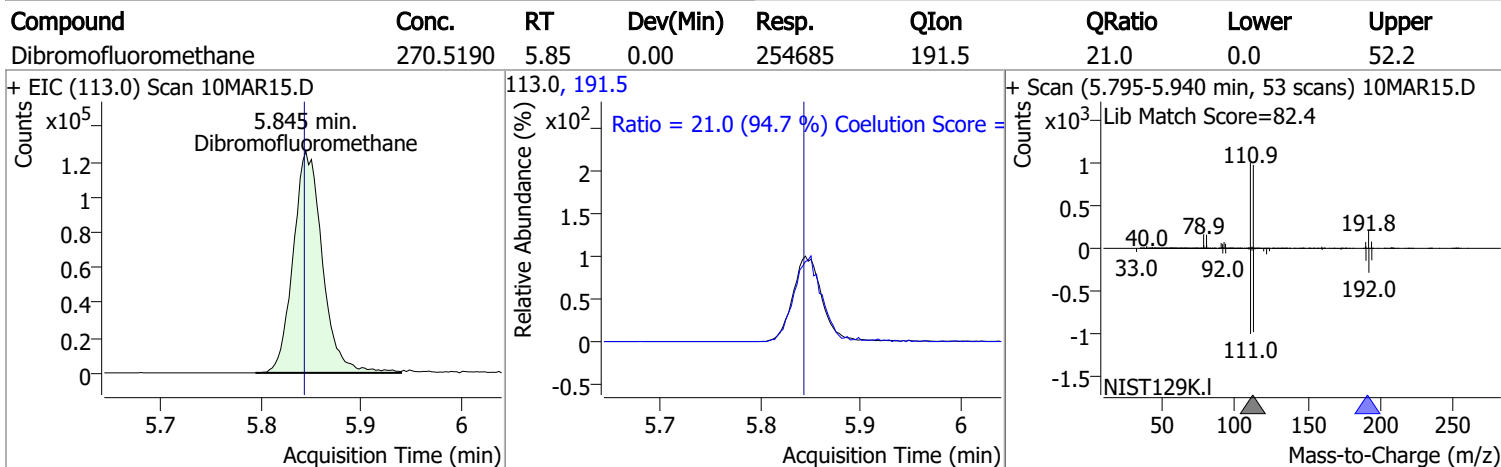
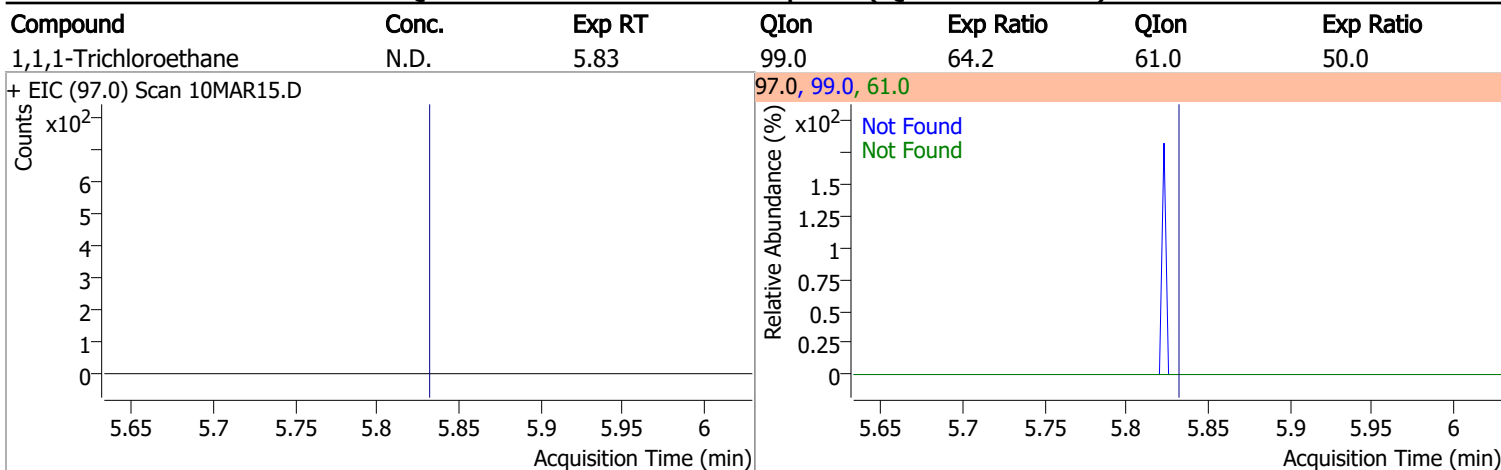
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.6043	5.66	0.01	1110 (m)	85.0	49.9	34.7	94.7

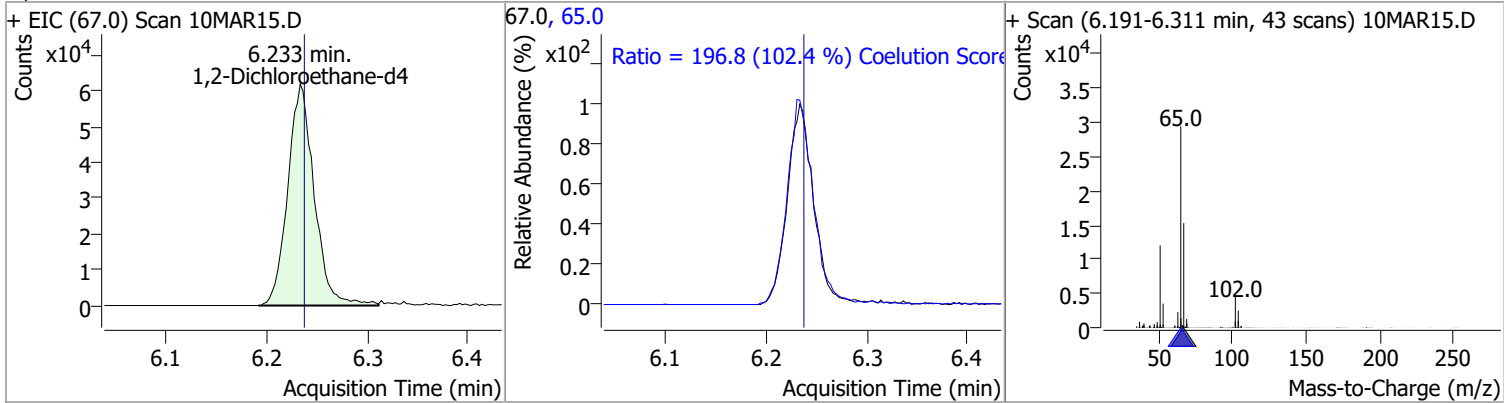


# Quantitation Results Report (QT Reviewed)

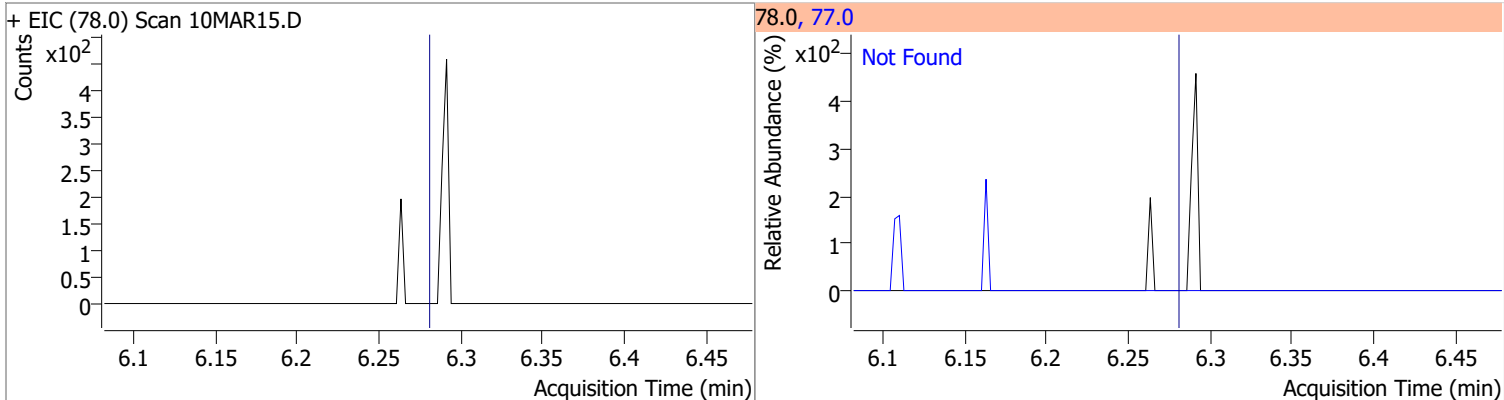


# Quantitation Results Report (QT Reviewed)

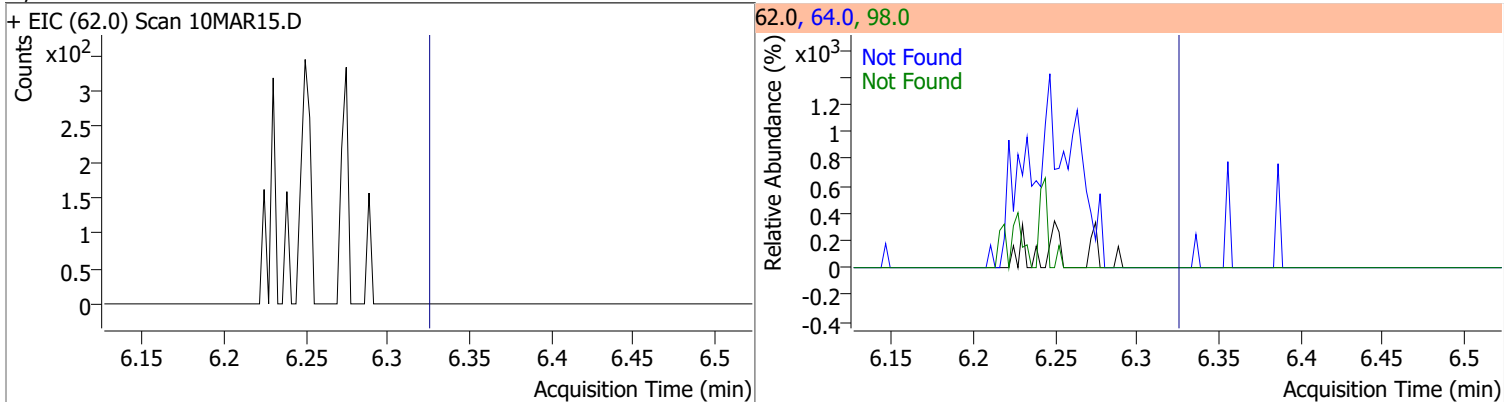
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	269.5111	6.23	0.00	113259	65.0	196.8	162.2	222.2



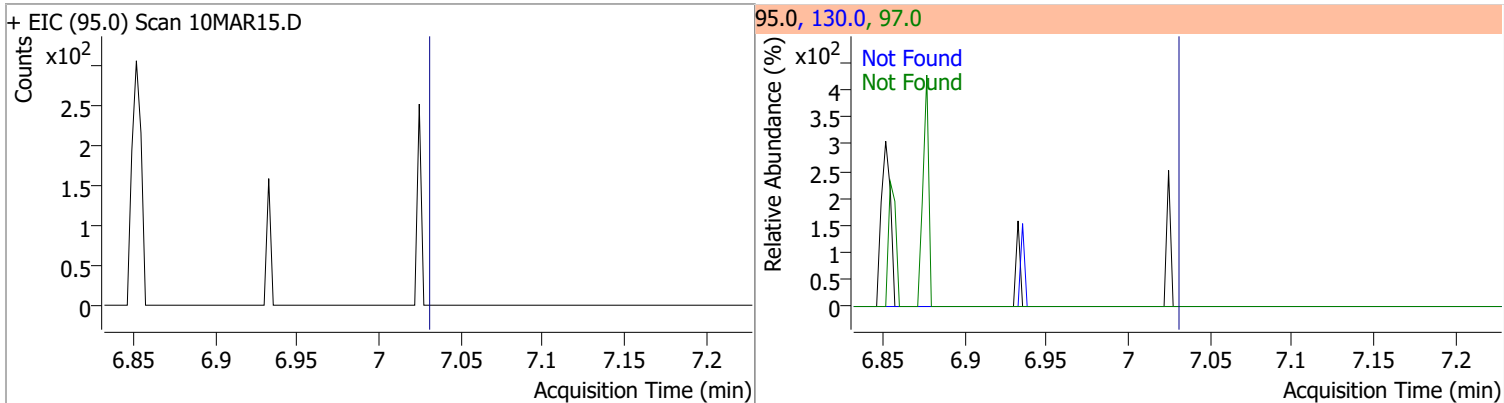
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0

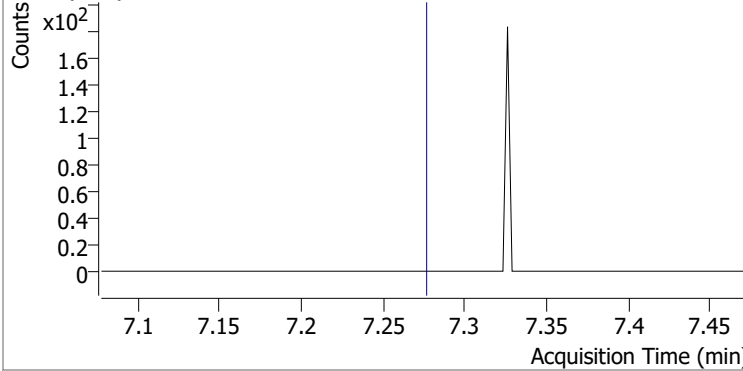
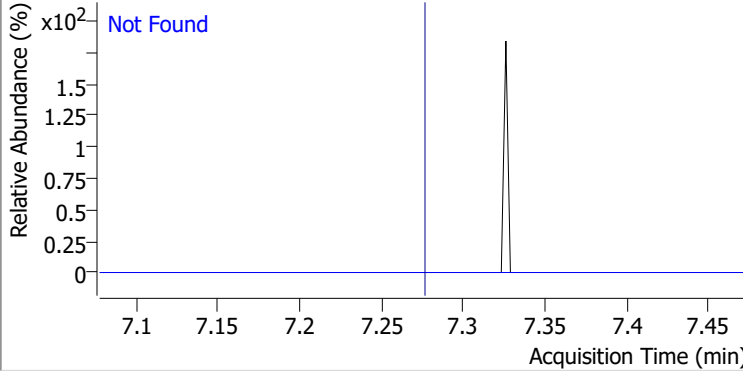
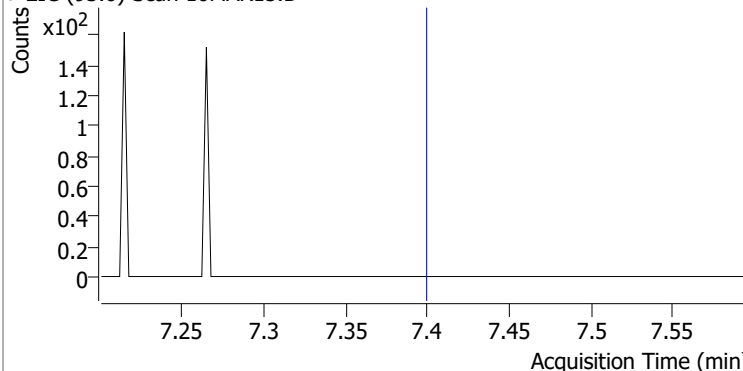
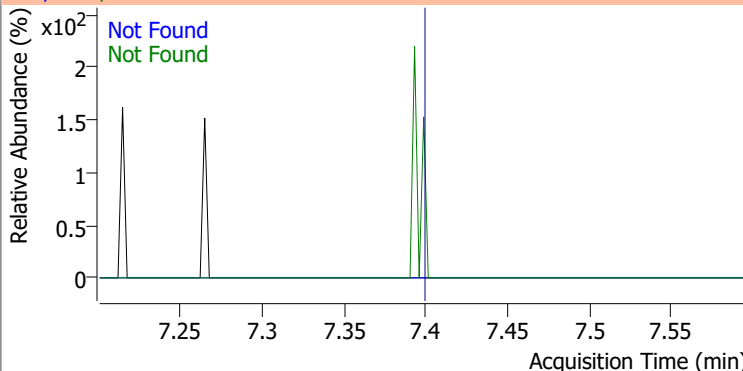
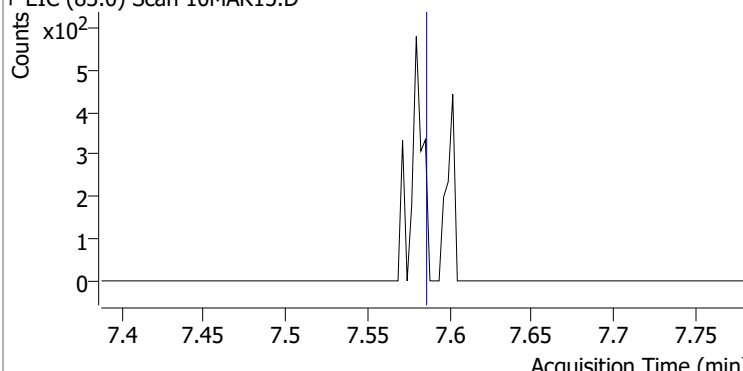
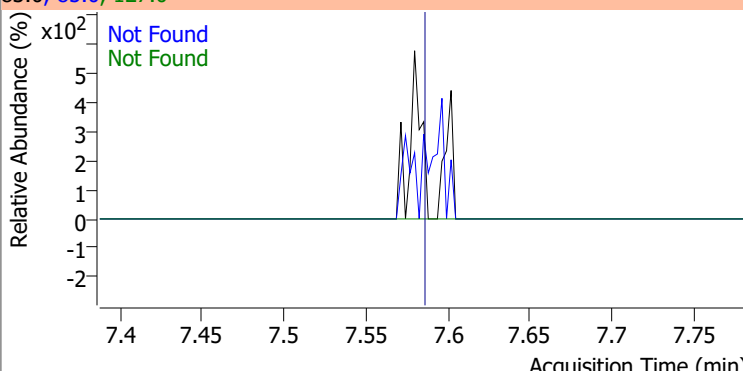
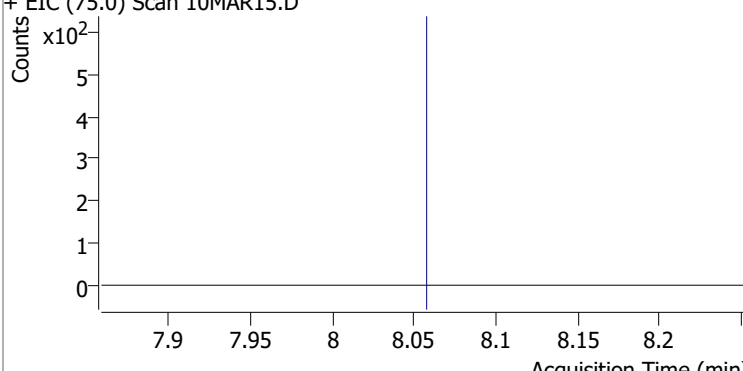
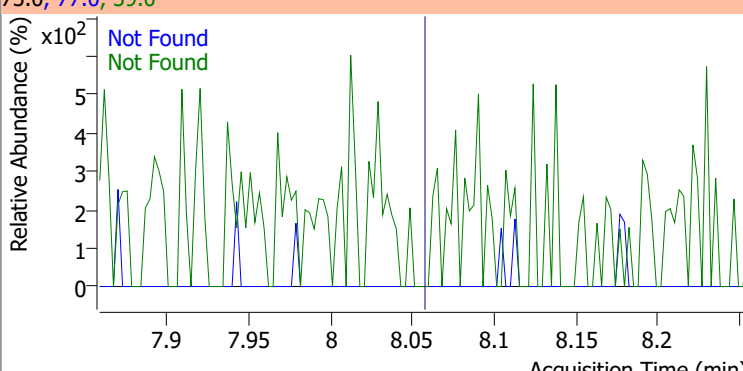


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5



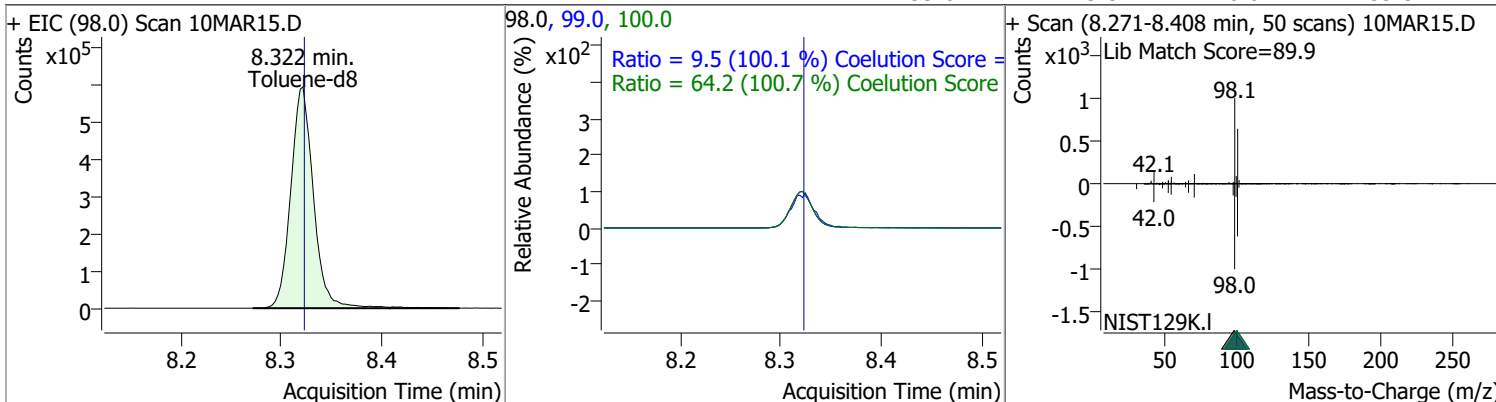


# Quantitation Results Report (QT Reviewed)

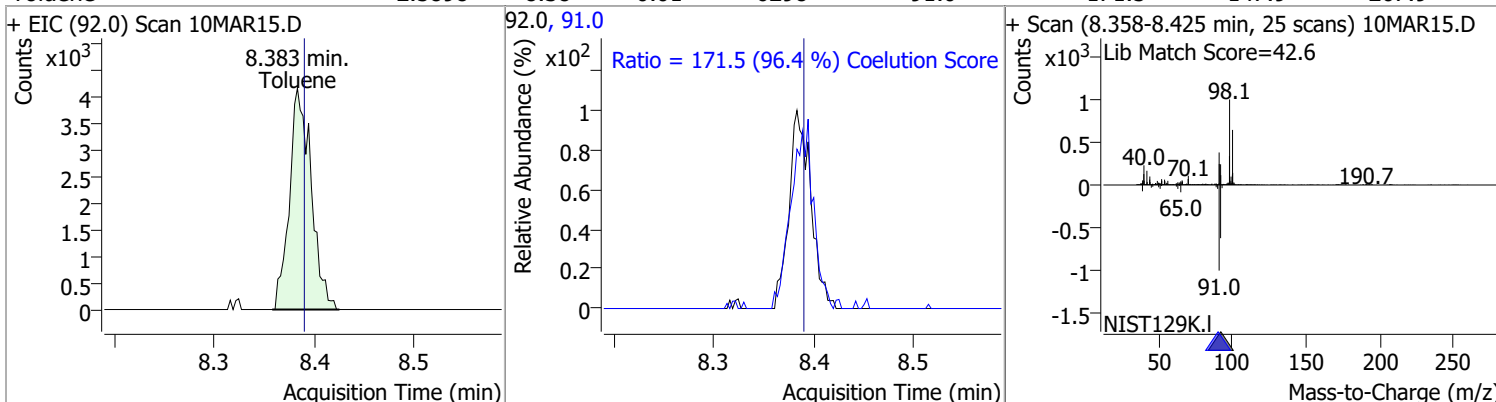
Compound	Conc.	Exp RT	QIon	Exp Ratio		
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR15.D			63.0, 76.0			
						
Dibromomethane	N.D.	7.40	173.5	108.6	95.0	84.5
+ EIC (93.0) Scan 10MAR15.D			93.0, 95.0, 173.5			
						
Bromodichloromethane	N.D.	7.59	85.0	63.2	127.0	9.4
+ EIC (83.0) Scan 10MAR15.D			83.0, 85.0, 127.0			
						
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	77.0	32.0
+ EIC (75.0) Scan 10MAR15.D			75.0, 77.0, 39.0			
						

# Quantitation Results Report (QT Reviewed)

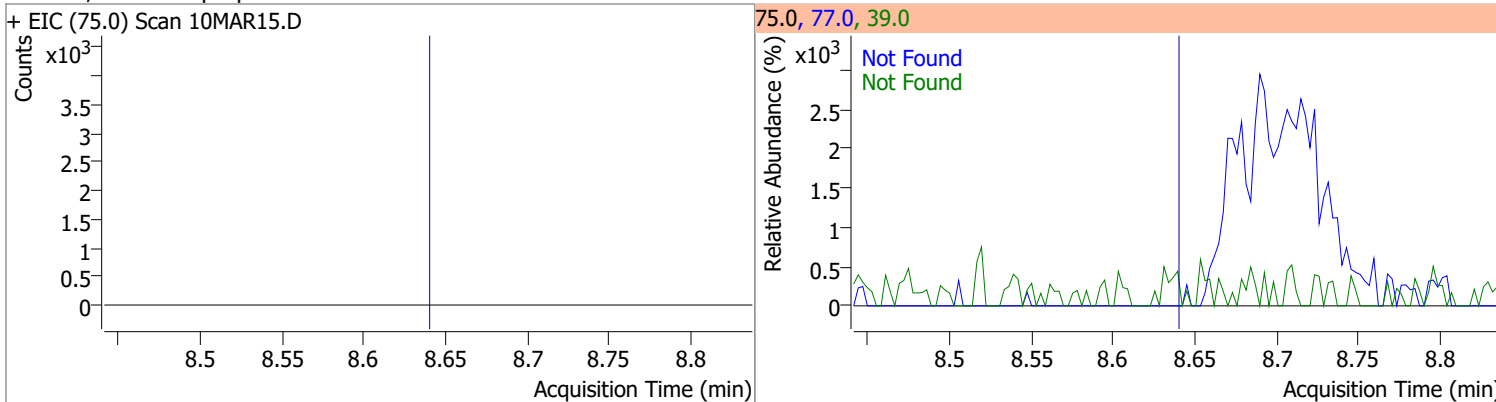
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	236.1507	8.32	0.00	927863	100.0	64.2	33.7	93.7
					99.0	9.5	0.0	39.5



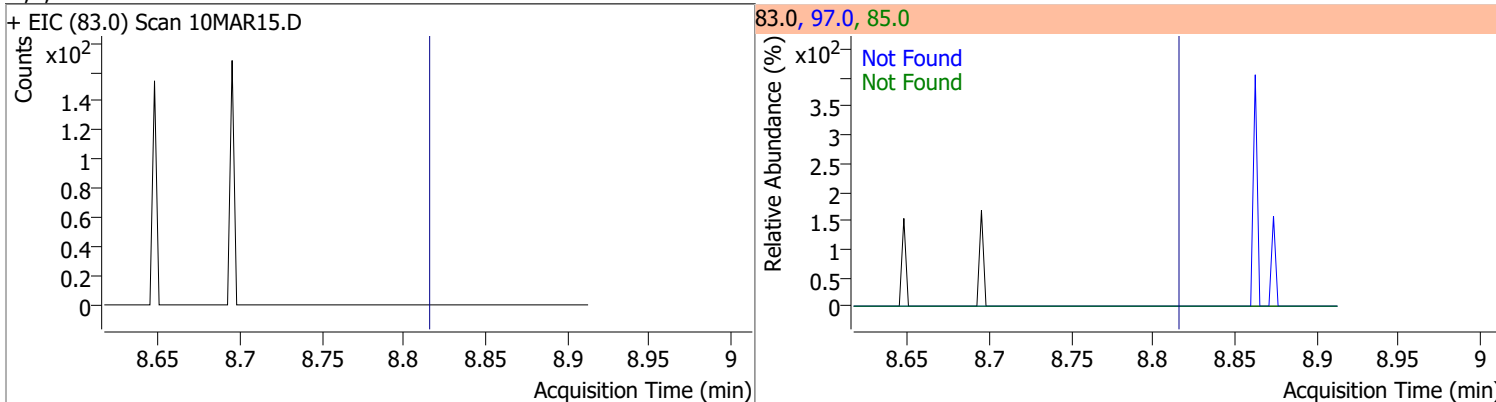
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.5898	8.38	-0.01	6298	91.0	171.5	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

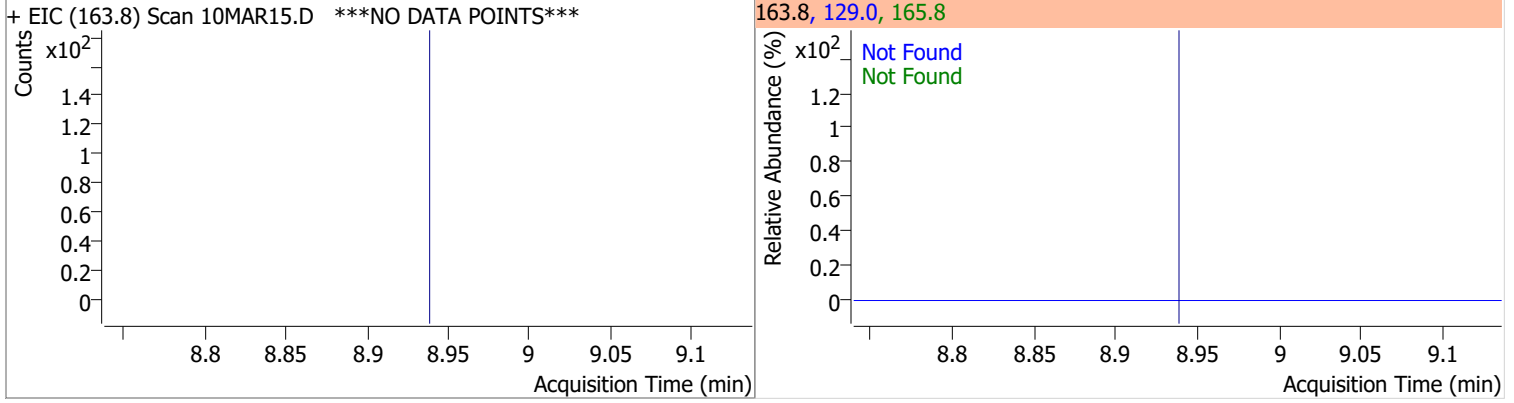


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

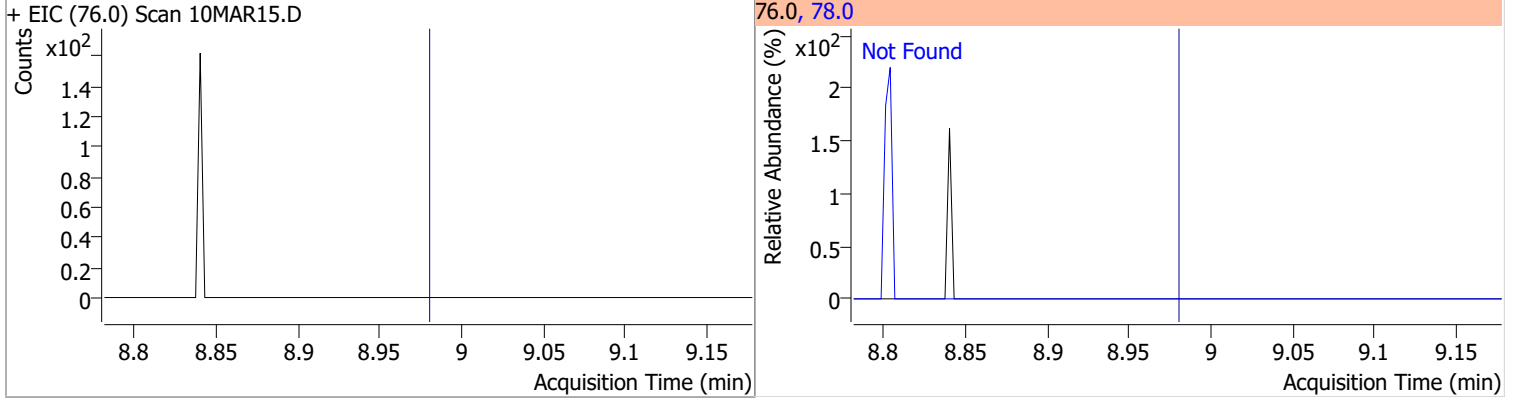


# Quantitation Results Report (QT Reviewed)

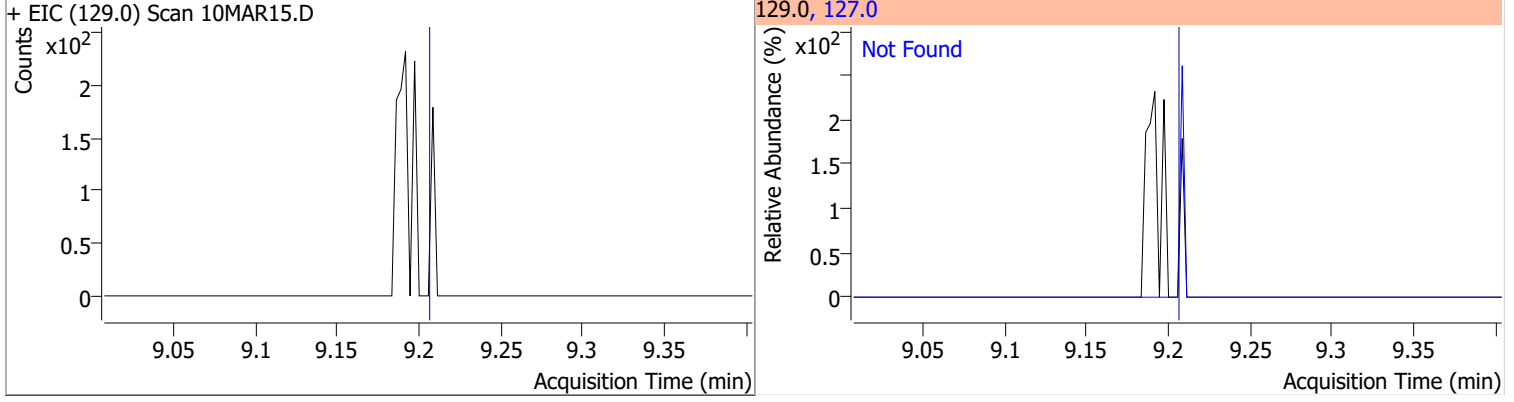
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



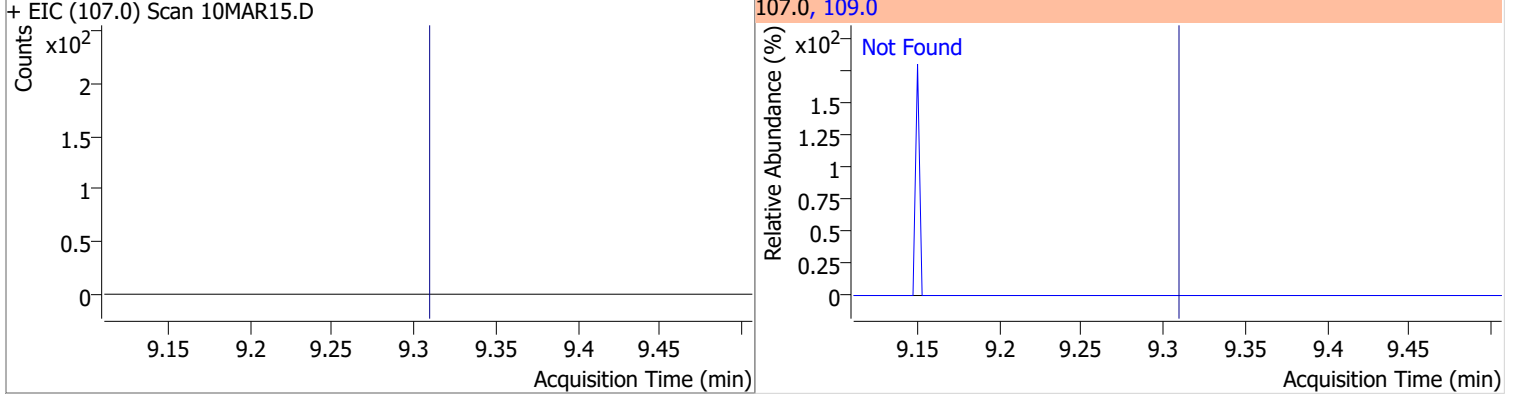
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



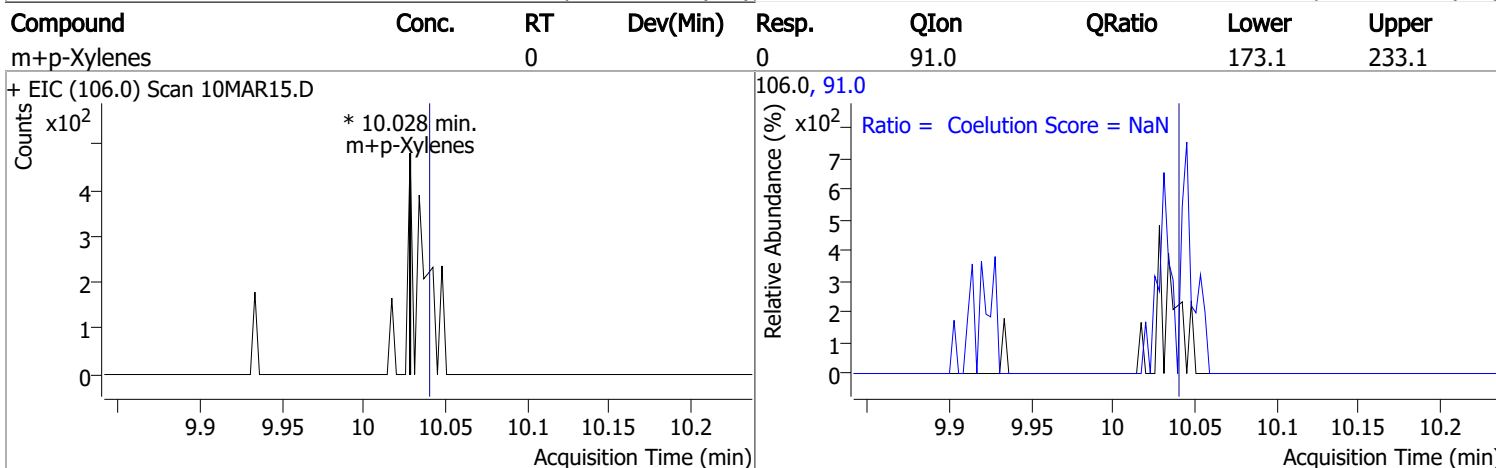
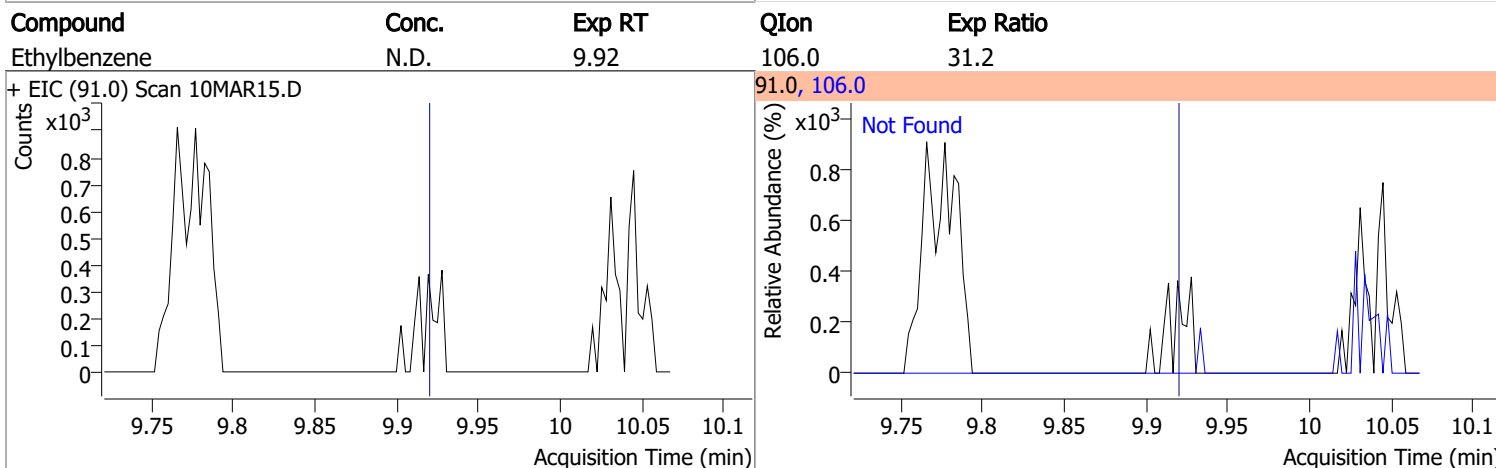
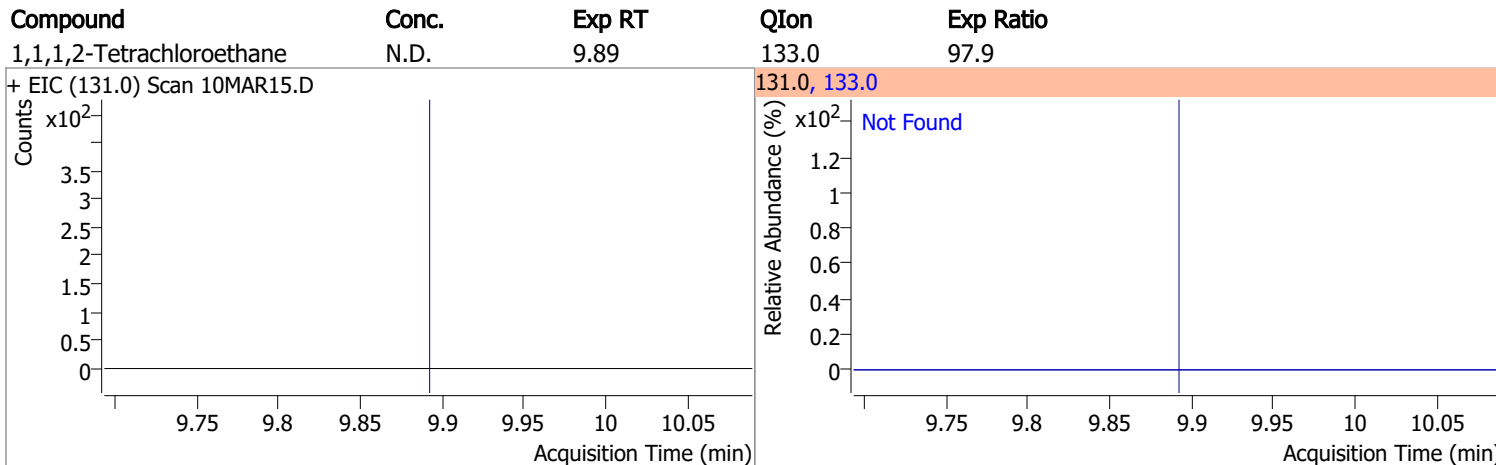
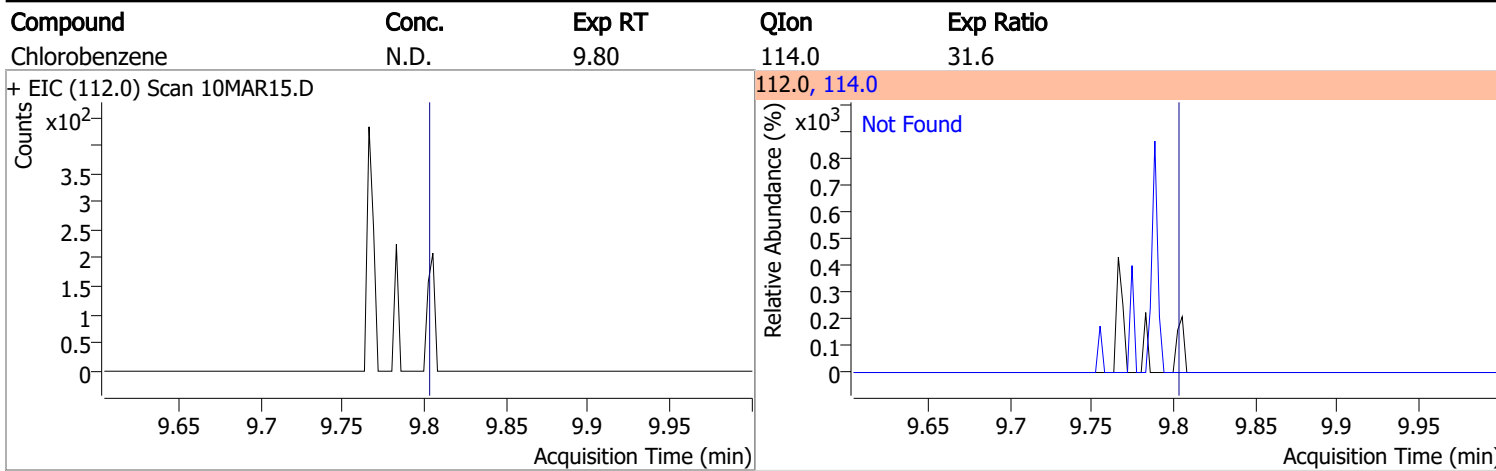
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4

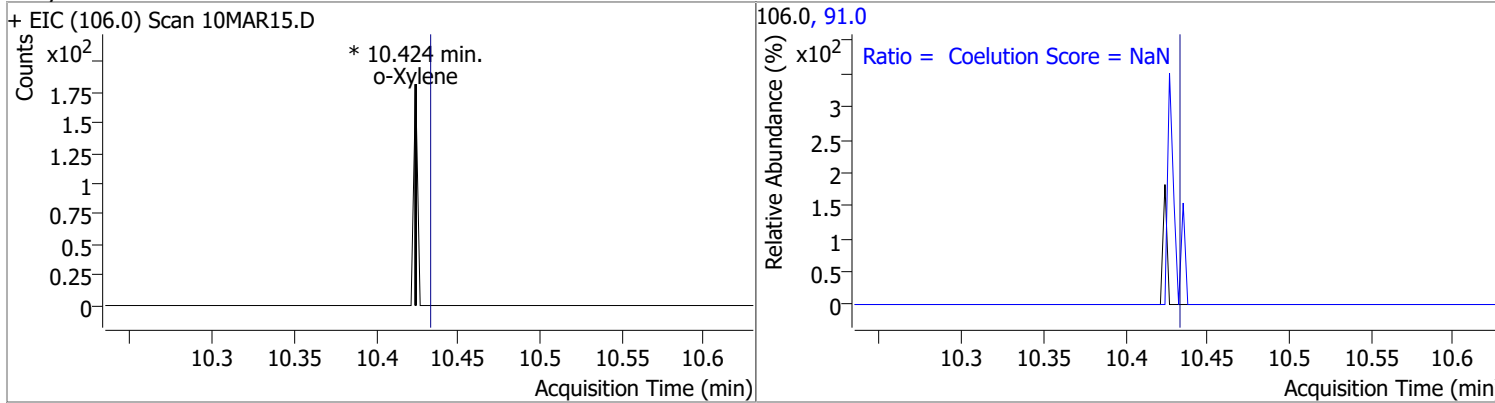


# Quantitation Results Report (QT Reviewed)

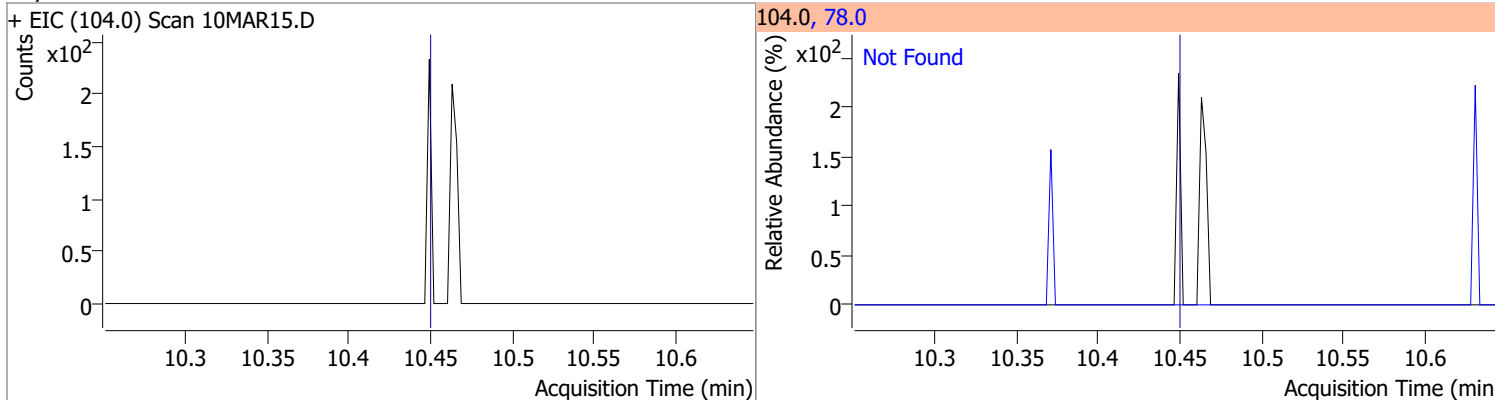


# Quantitation Results Report (QT Reviewed)

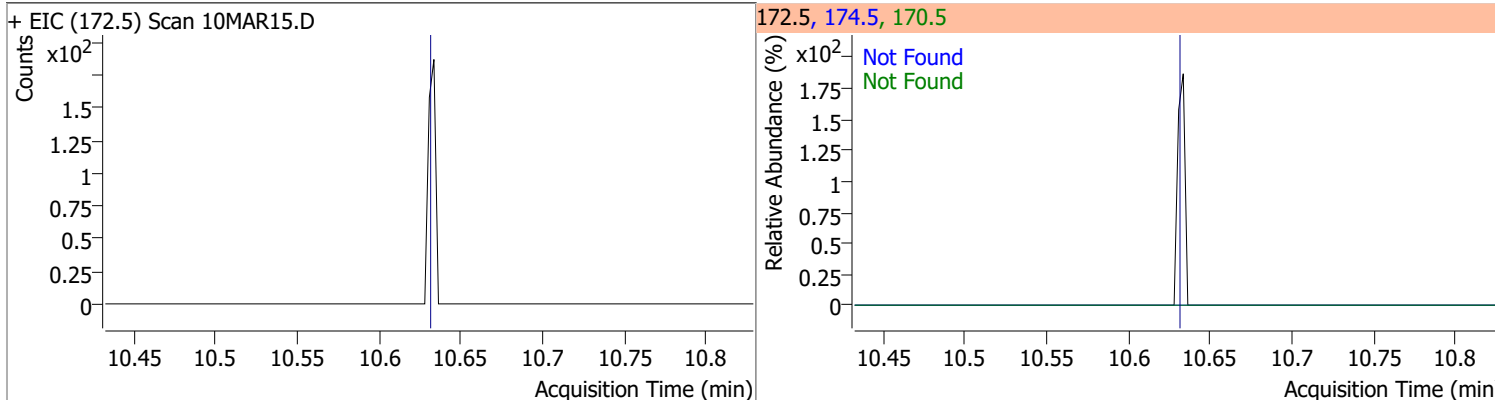
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene		0		0	91.0		185.1	245.1



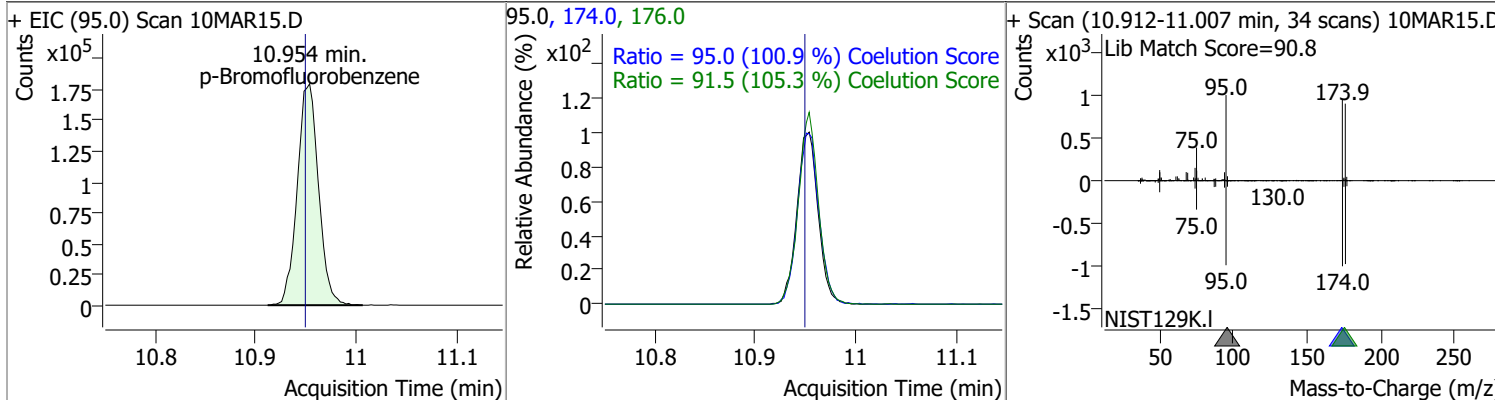
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.8



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.5	174.5	48.3



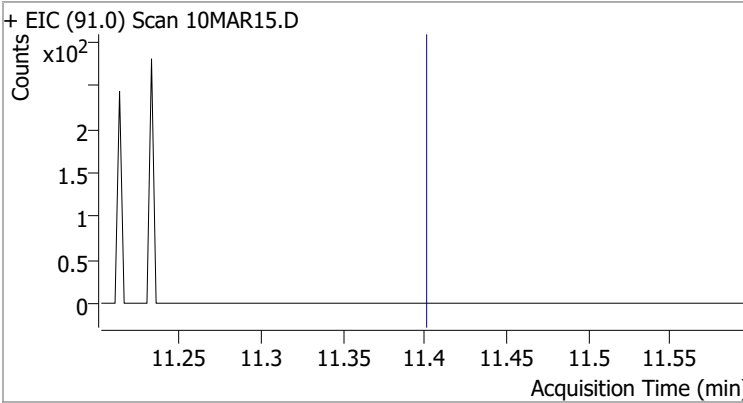
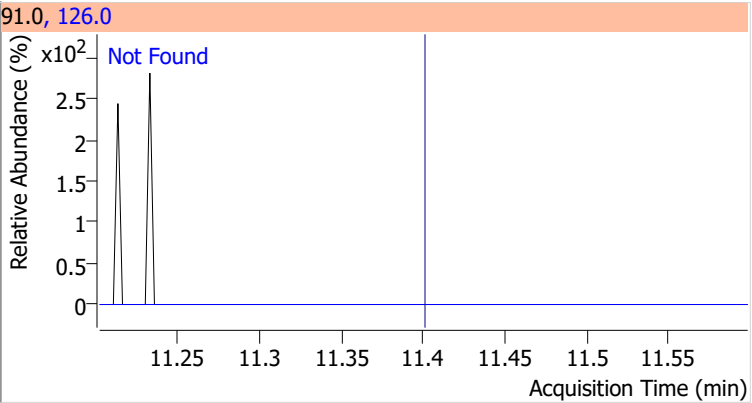
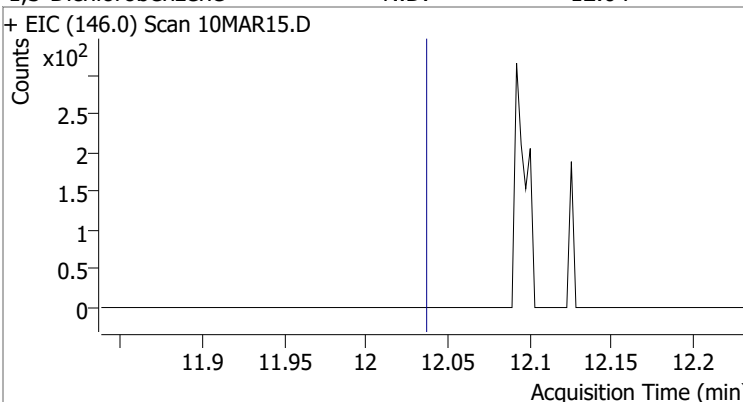
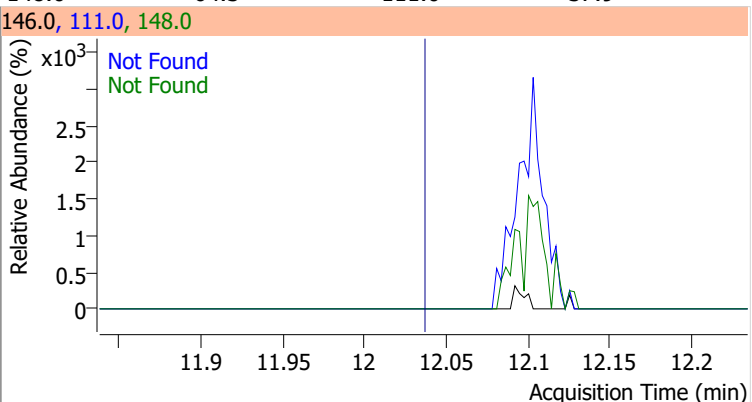
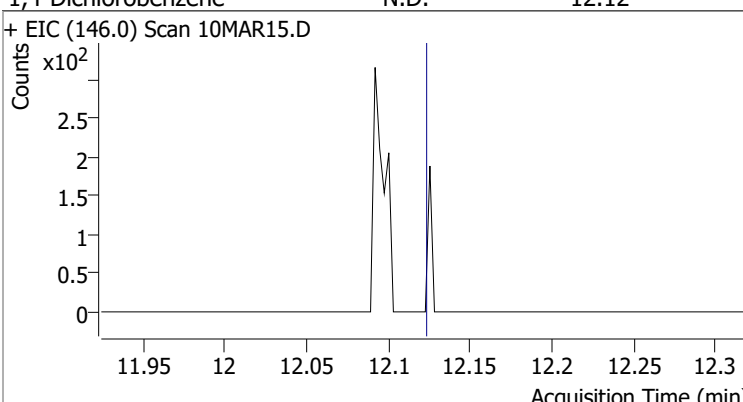
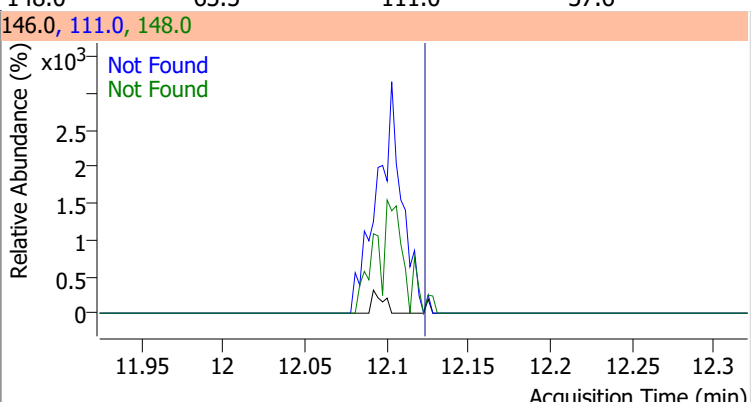
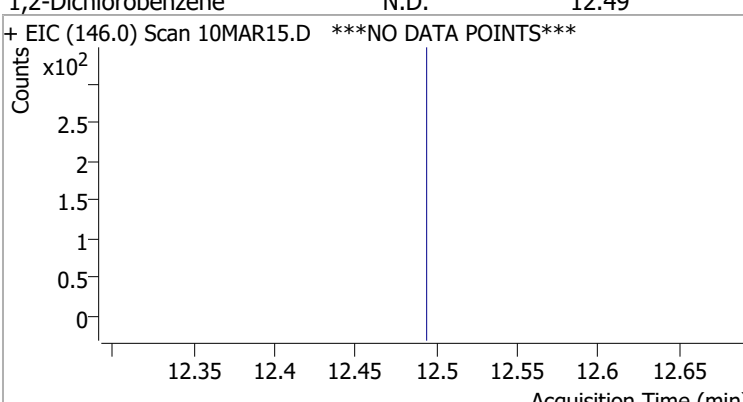
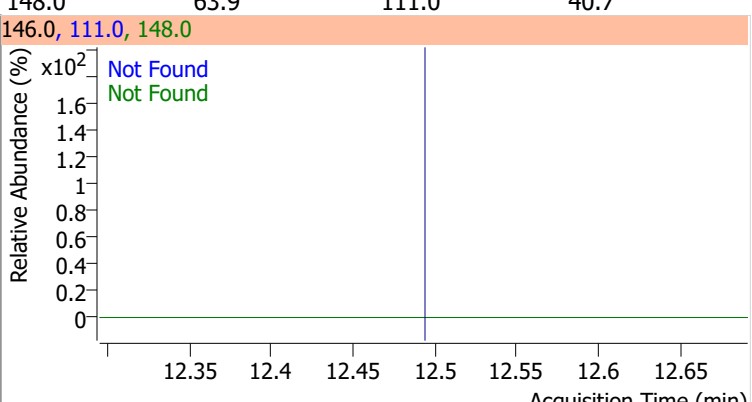
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	262.3843	10.95	0.01	264217	174.0	95.0	64.2	124.2
					176.0	91.5	56.9	116.9



# Quantitation Results Report (QT Reviewed)

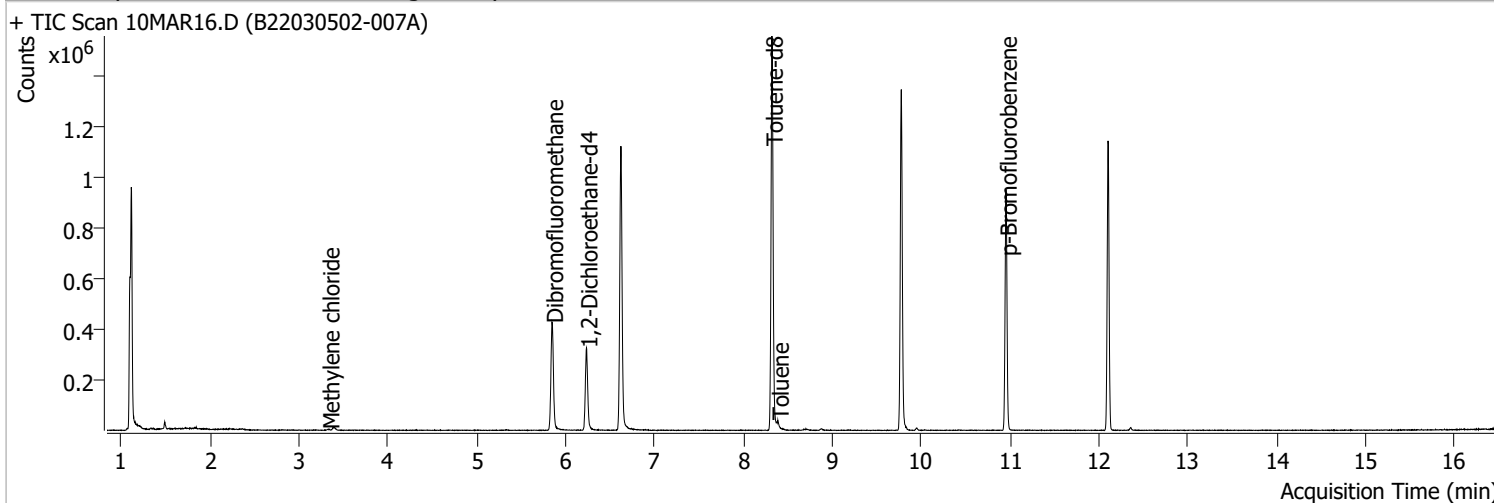
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR15.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR15.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR15.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR15.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR15.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR15.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR15.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR15.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR16.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 6:56:29 PM
Sample Name	B22030502-007A	Instrument	VOA5975C
Vial	16	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	928738	250.0000	ng	0.000
M Chlorobenzene-d5	9.772	82.0	369014	250.0000	ng	-0.003
M 1,4-Dichlorobenzene-d4	12.103	152.0	271943	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	256356	271.6574	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 108.66%		
S 1,2-Dichloroethane-d4	6.233	67.0	111703	265.1871	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 106.07%		
S Toluene-d8	8.319	98.0	950560	241.5996	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 96.64%		
S p-Bromofluorobenzene	10.951	95.0	267366	266.6352	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.65%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	0.000		0	N.D.		
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.330	49.0	2708	1.8924	ng m	97
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.647	83.0	0		ng md	1

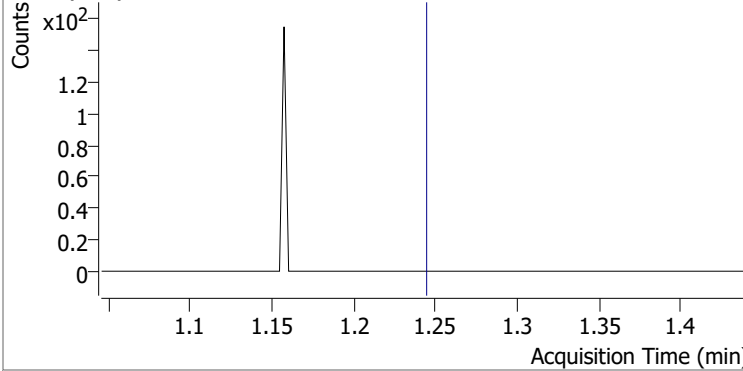
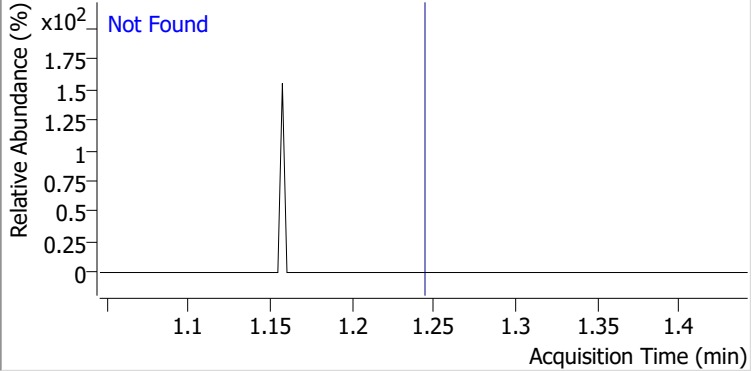
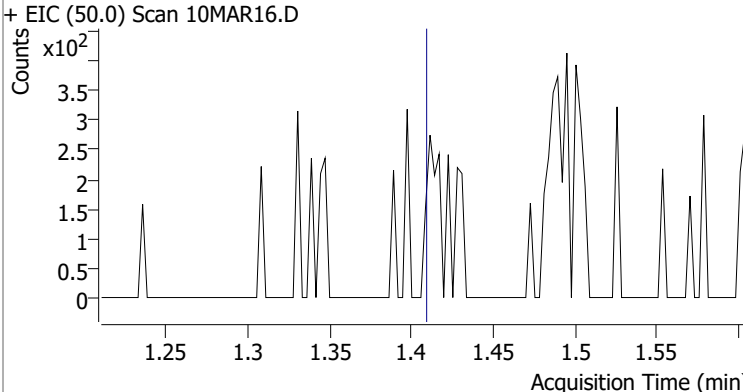
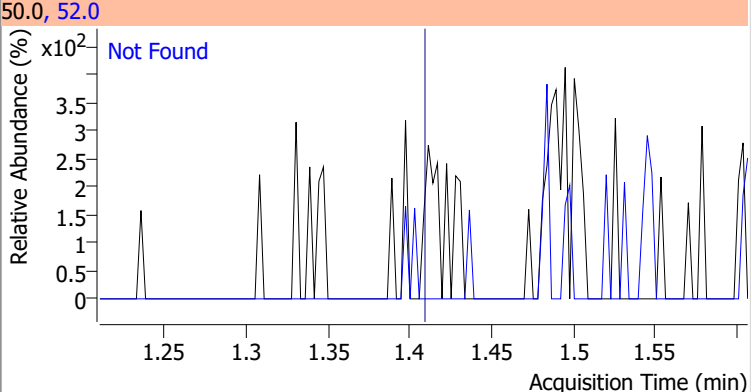
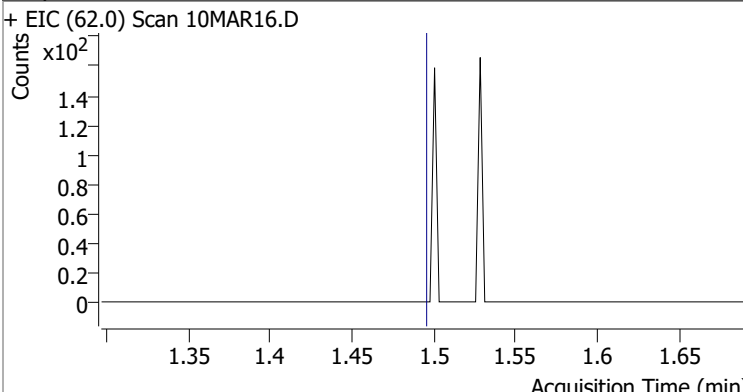
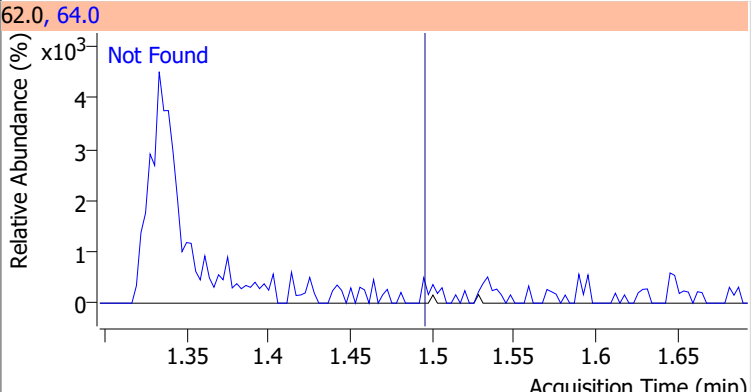
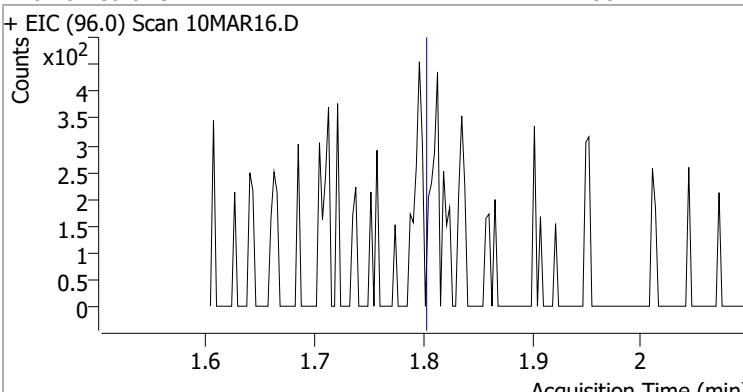
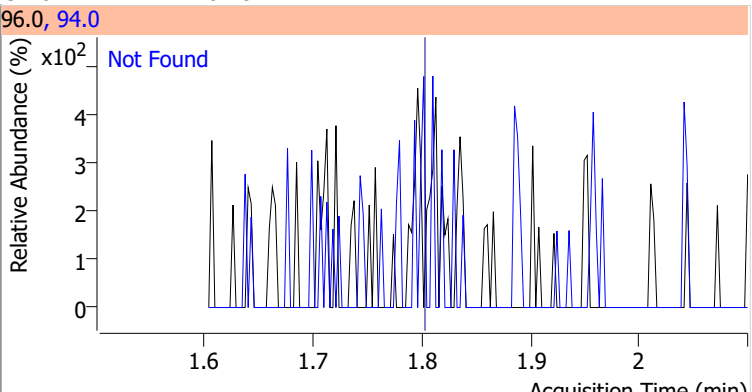


# Quantitation Results Report (QT Reviewed)

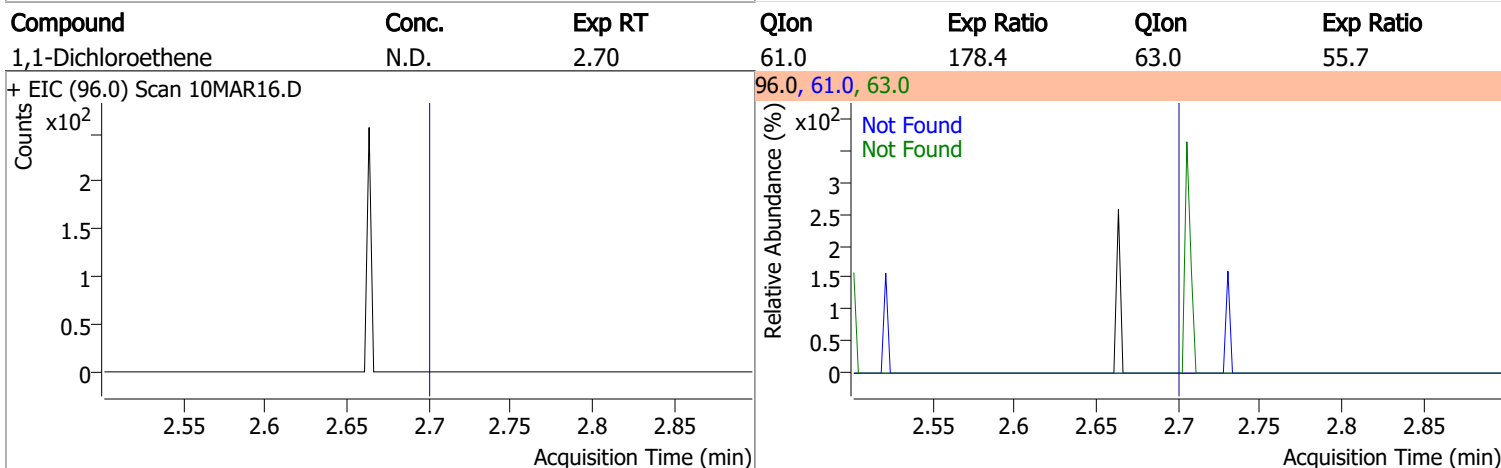
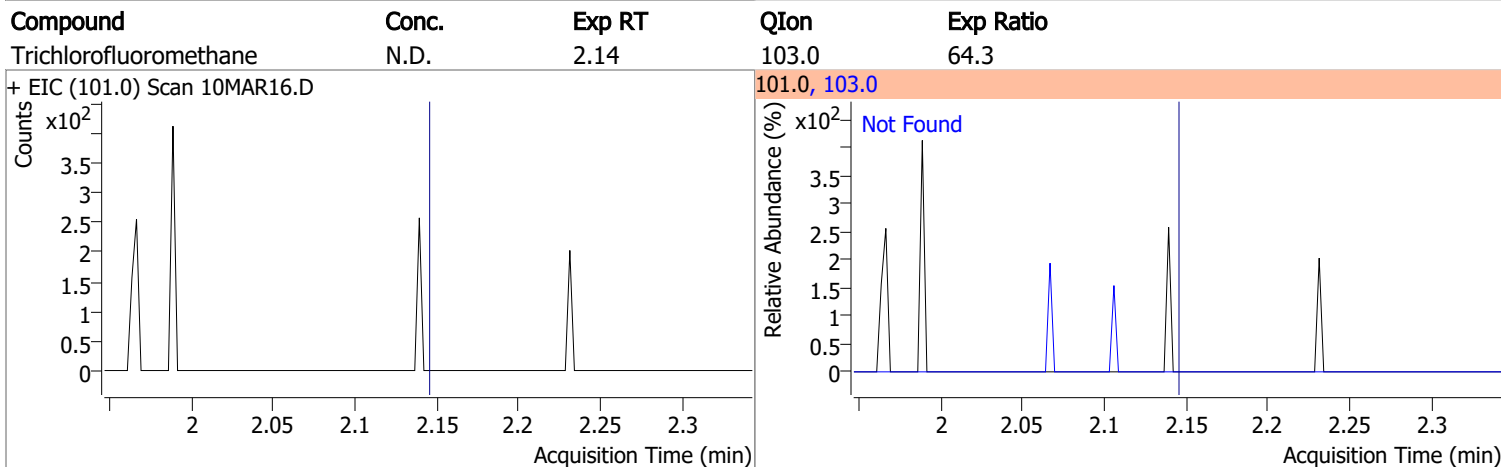
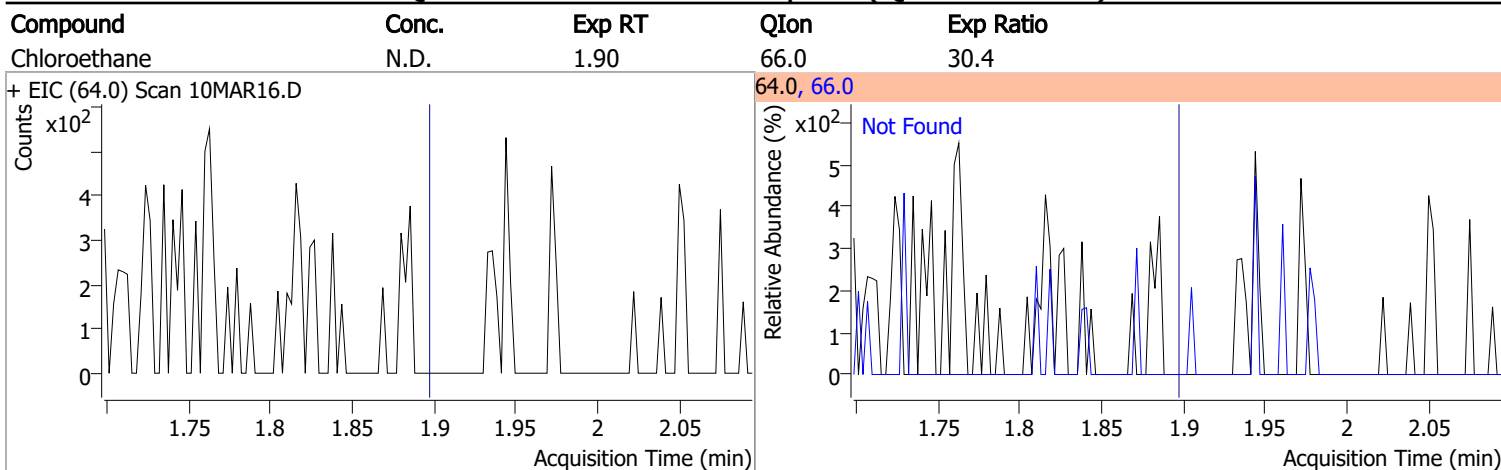
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.386	92.0	7128	2.9276	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	0.000		0	N.D.		
T m+p-Xylenes	10.037	106.0	0		ng md	1
T o-Xylene	10.430	106.0	0		ng md	1
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

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

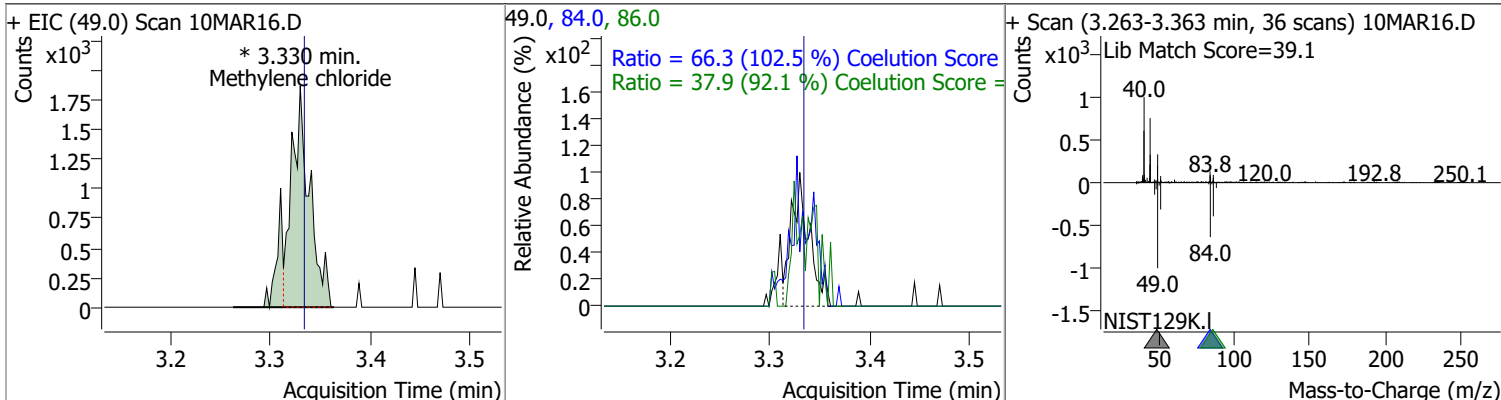
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5
+ EIC (85.0) Scan 10MAR16.D			85.0, 87.0	
				
Chloromethane	N.D.	1.41	52.0	33.0
+ EIC (50.0) Scan 10MAR16.D			50.0, 52.0	
				
Vinyl chloride	N.D.	1.49	64.0	30.6
+ EIC (62.0) Scan 10MAR16.D			62.0, 64.0	
				
Bromomethane	N.D.	1.80	94.0	104.8
+ EIC (96.0) Scan 10MAR16.D			96.0, 94.0	
				

# Quantitation Results Report (QT Reviewed)

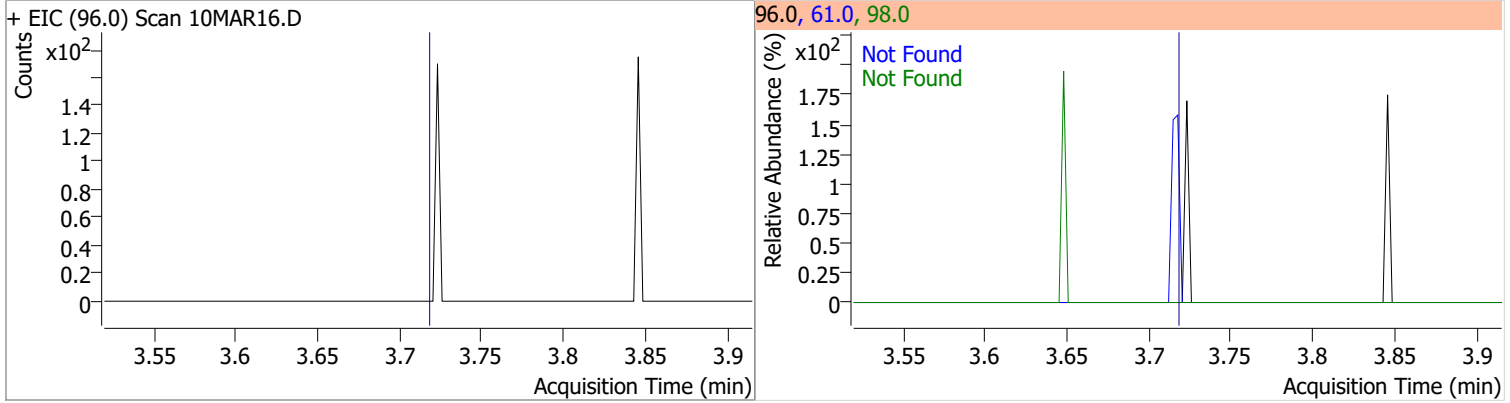


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.8924	3.33	0.00	2708 (m)	84.0	66.3	34.7	94.7
					86.0	37.9	11.1	71.1

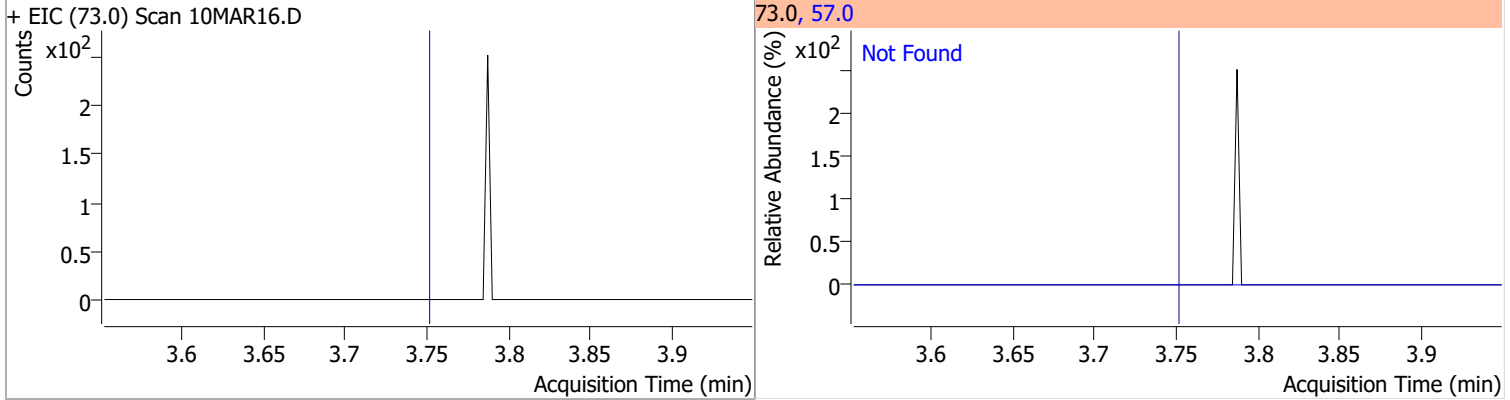


# Quantitation Results Report (QT Reviewed)

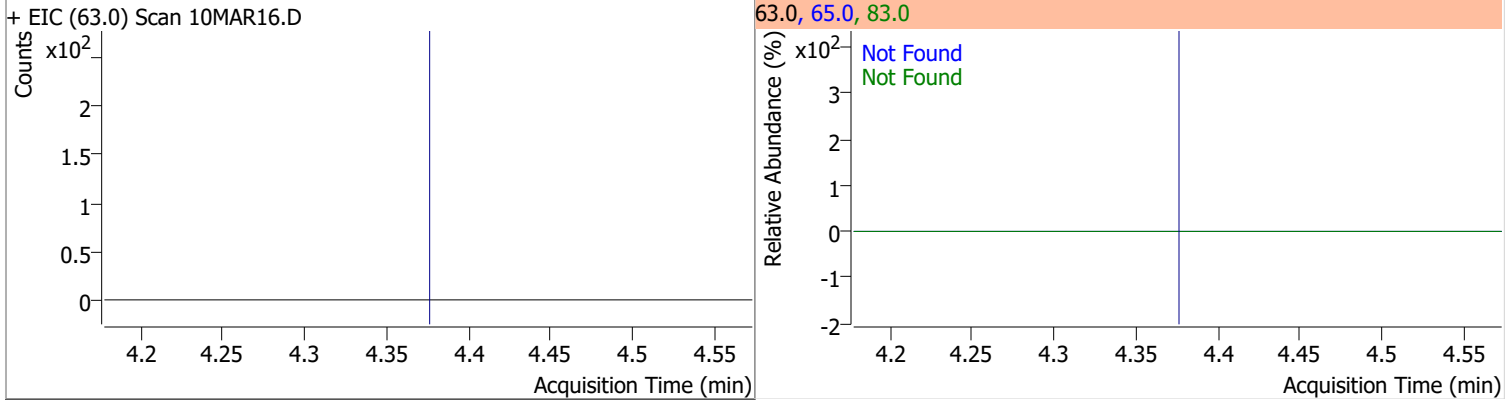
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9



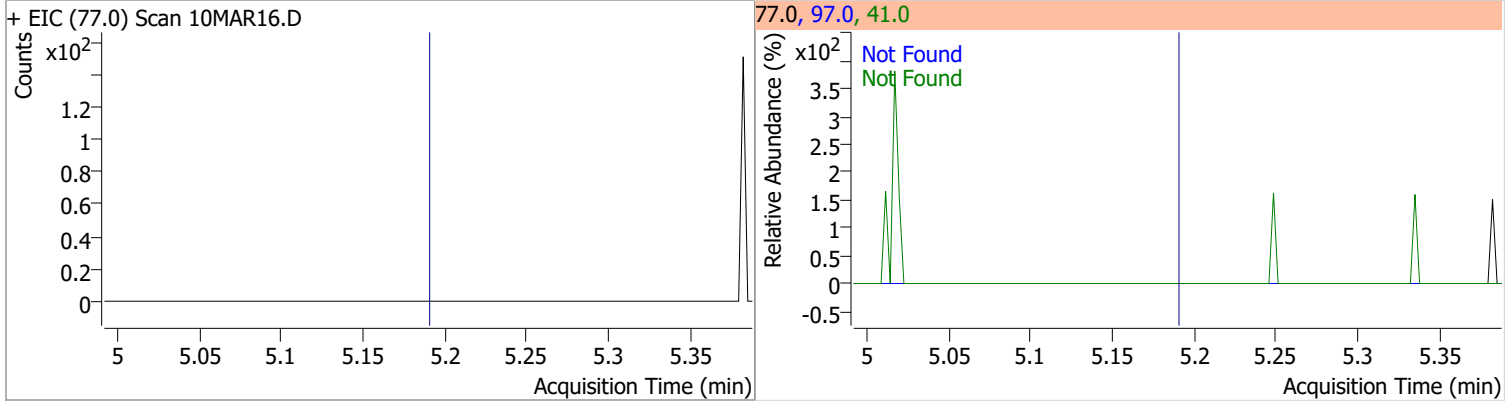
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9

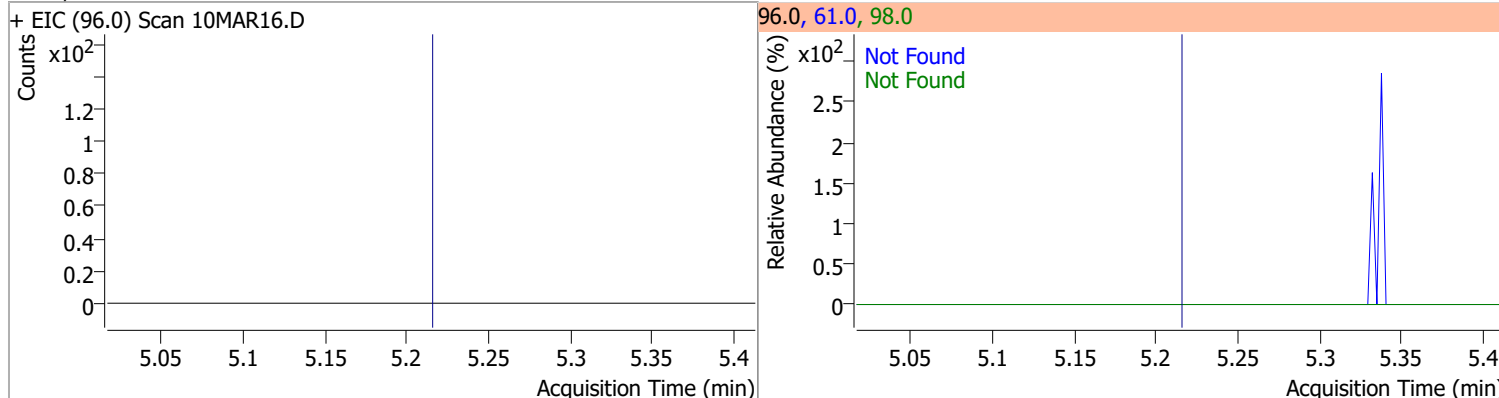


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4

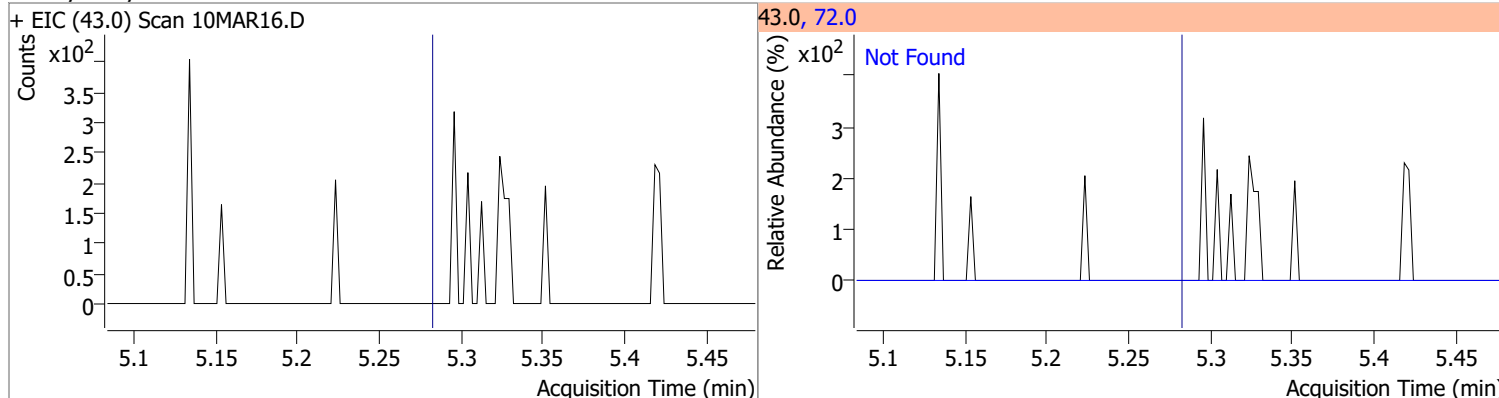


# Quantitation Results Report (QT Reviewed)

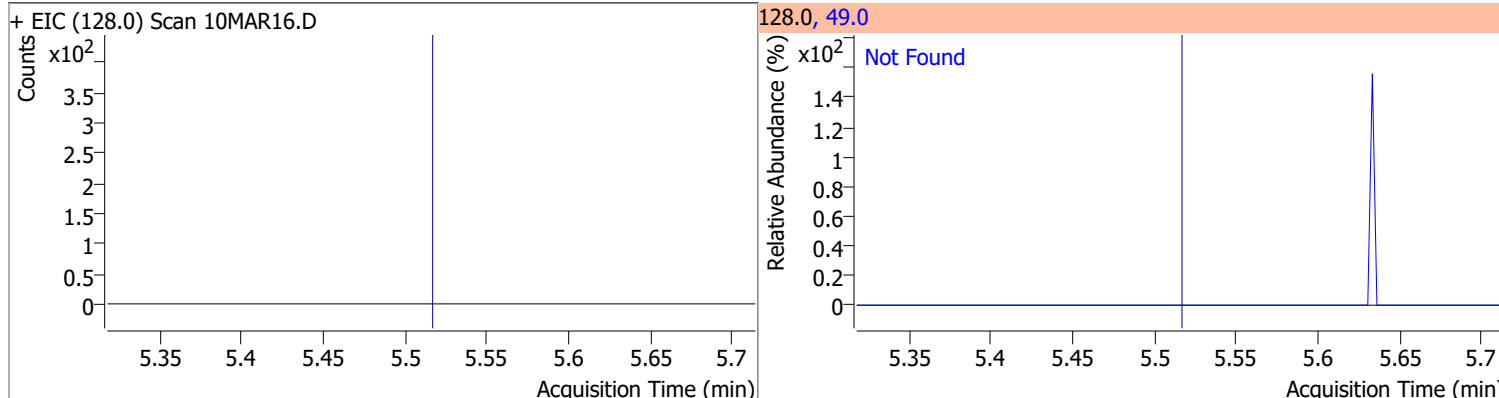
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



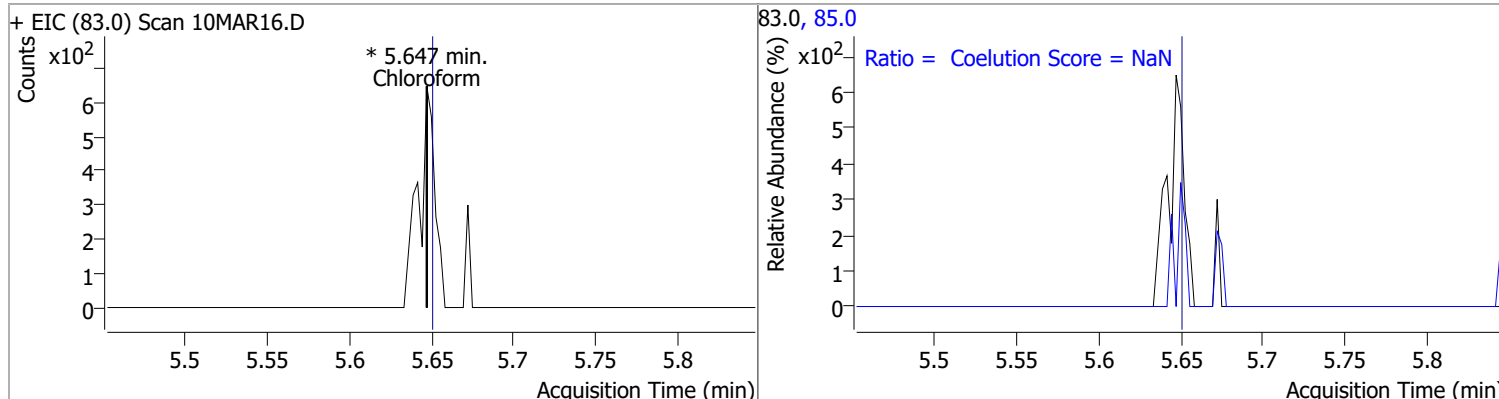
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



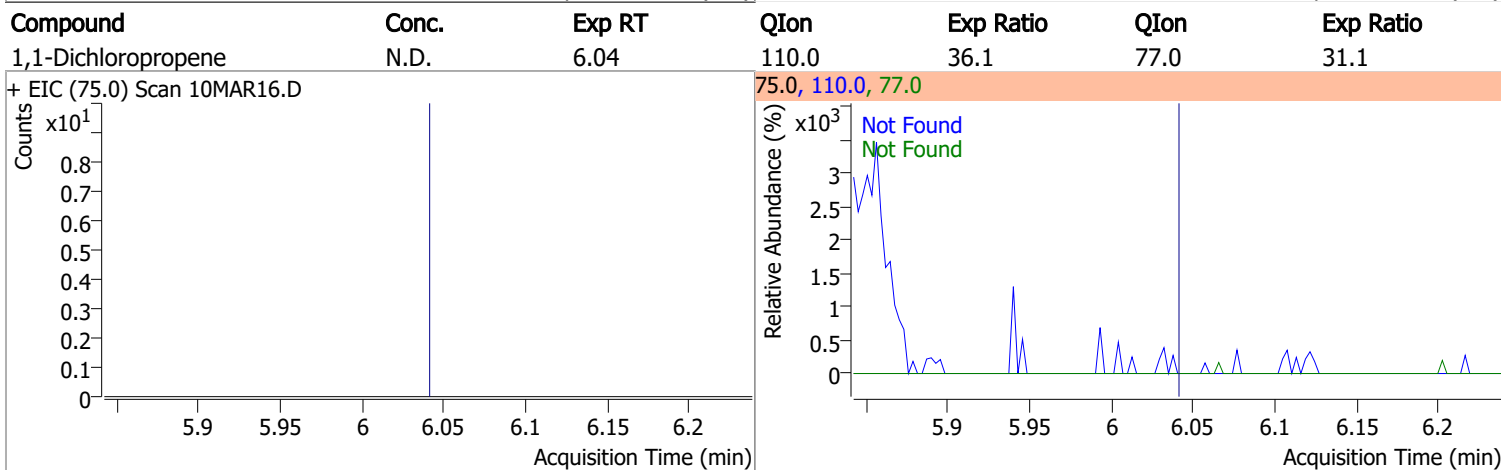
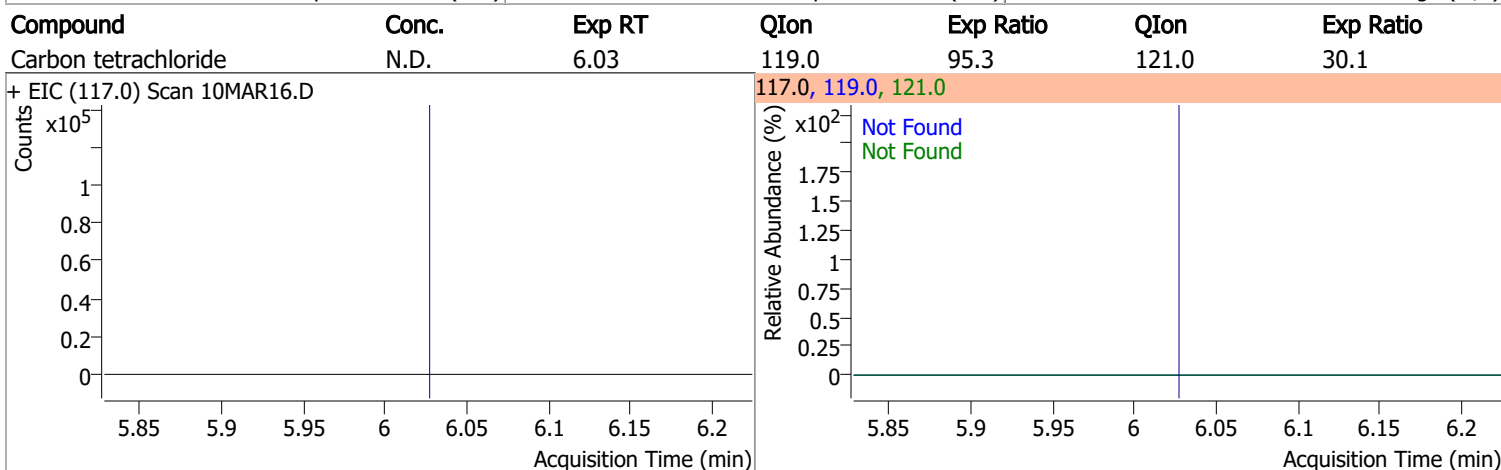
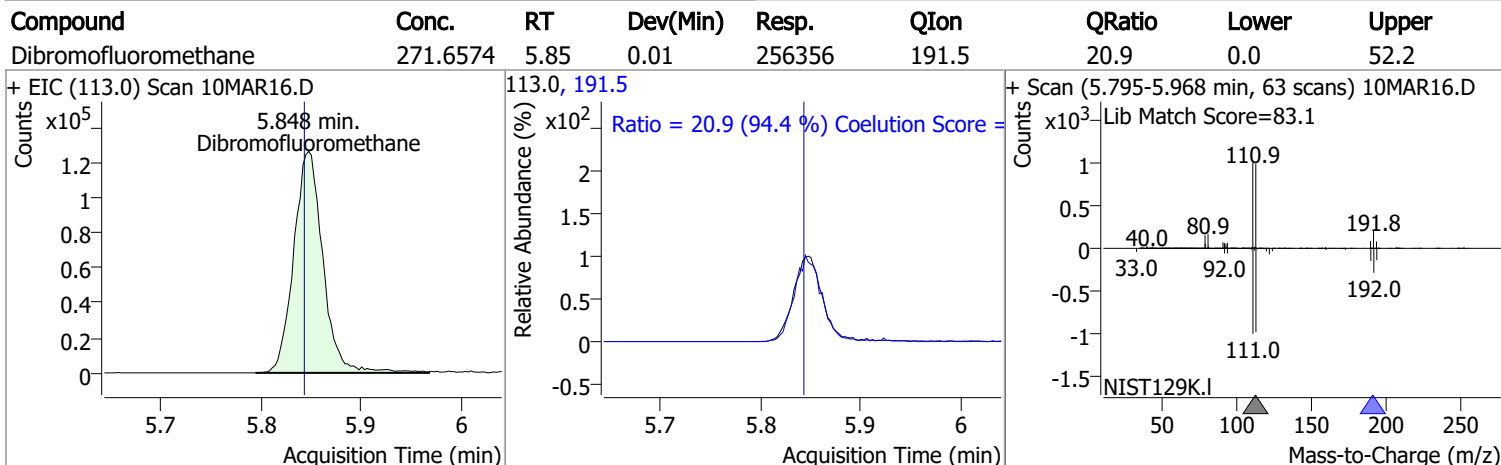
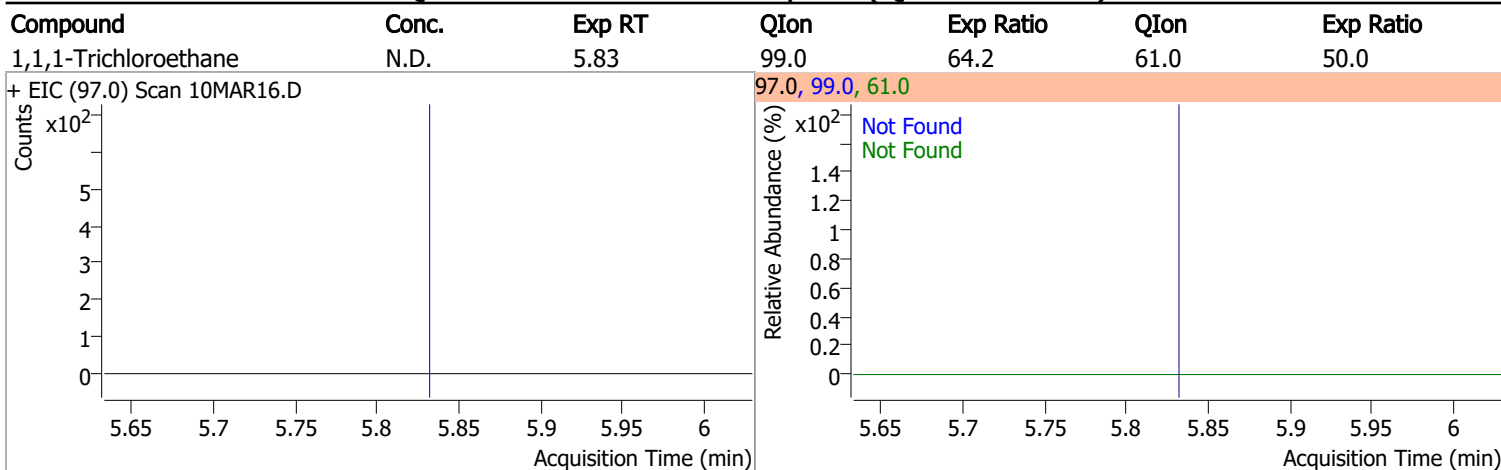
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform		0		0	85.0		34.7	94.7

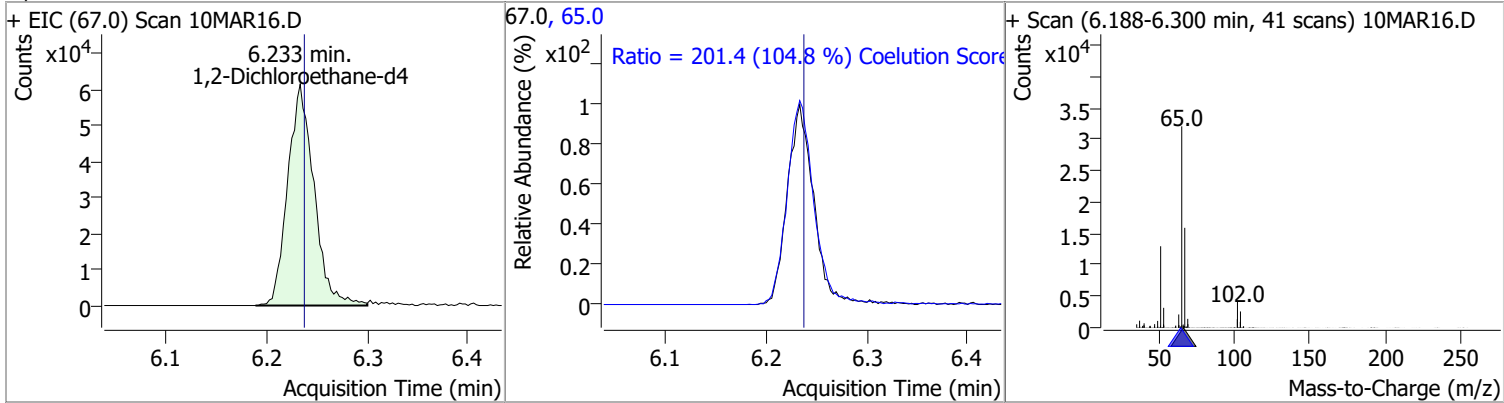


# Quantitation Results Report (QT Reviewed)

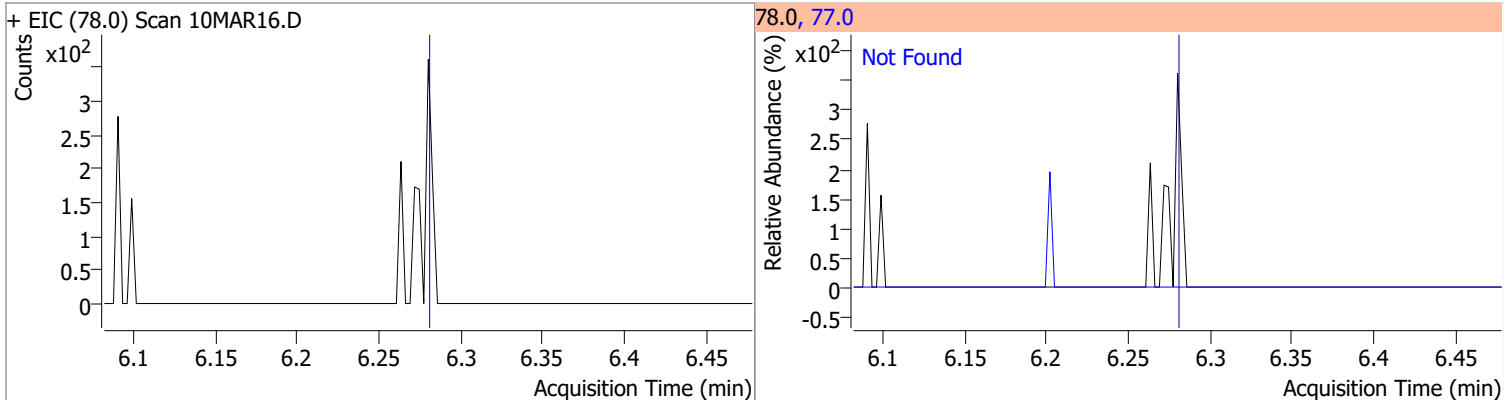


# Quantitation Results Report (QT Reviewed)

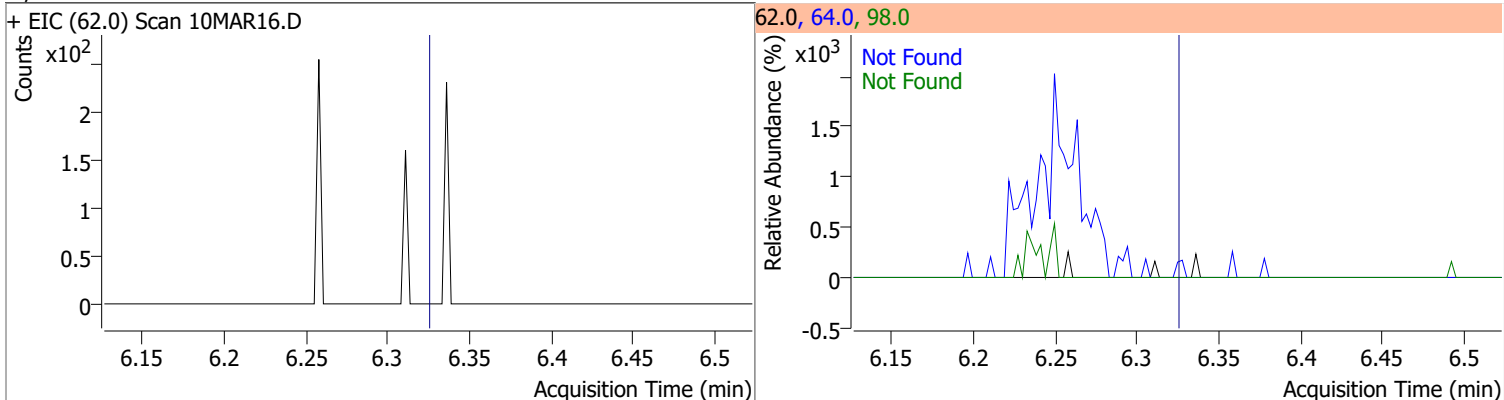
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	265.1871	6.23	0.00	111703	65.0	201.4	162.2	222.2



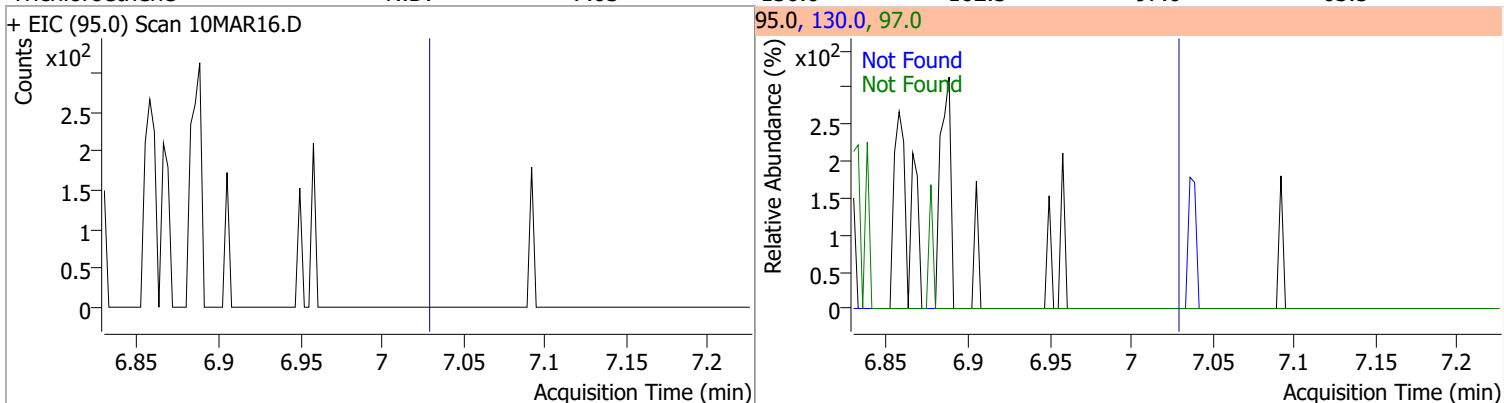
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



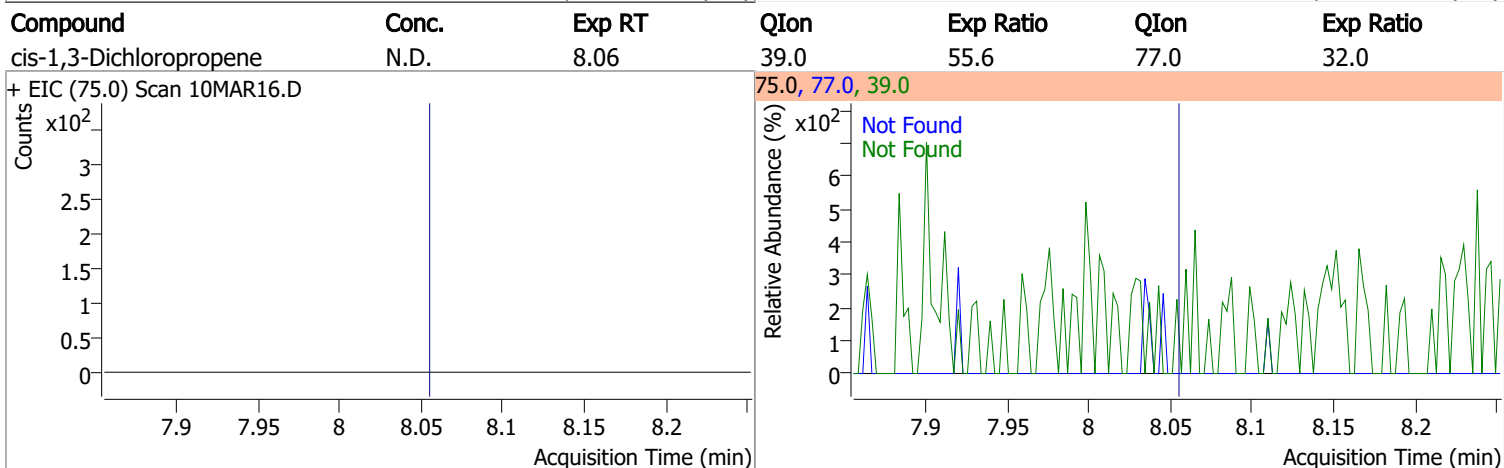
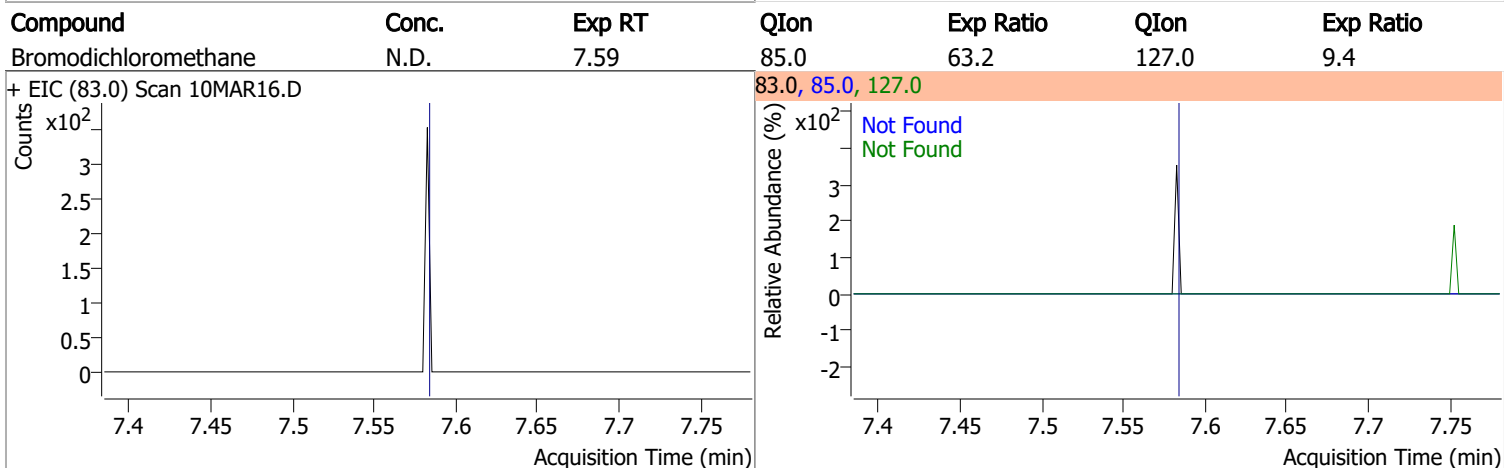
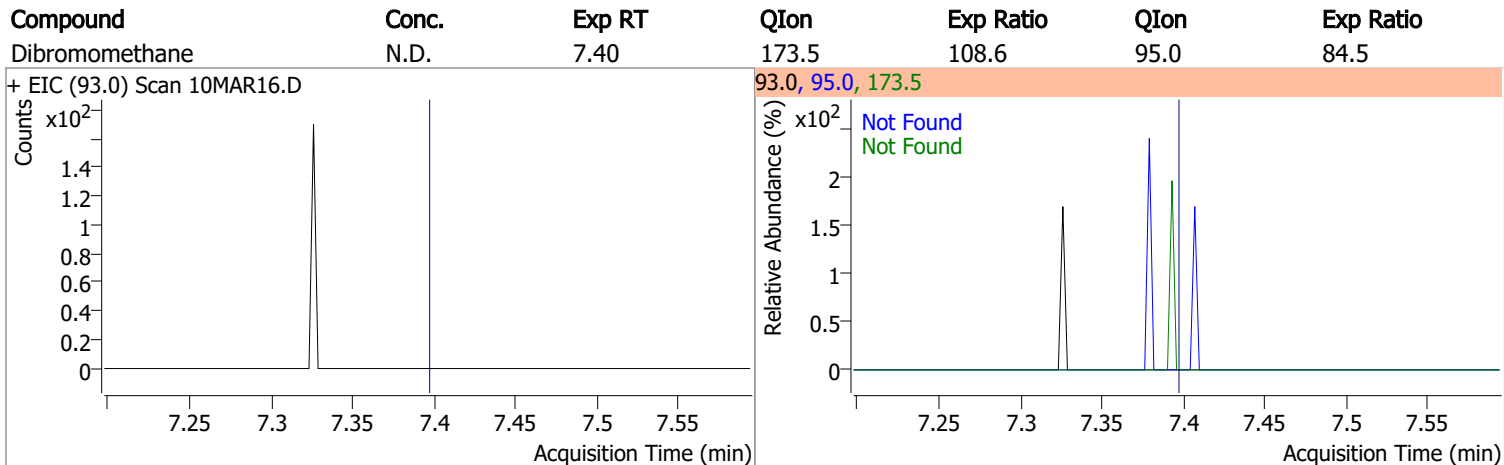
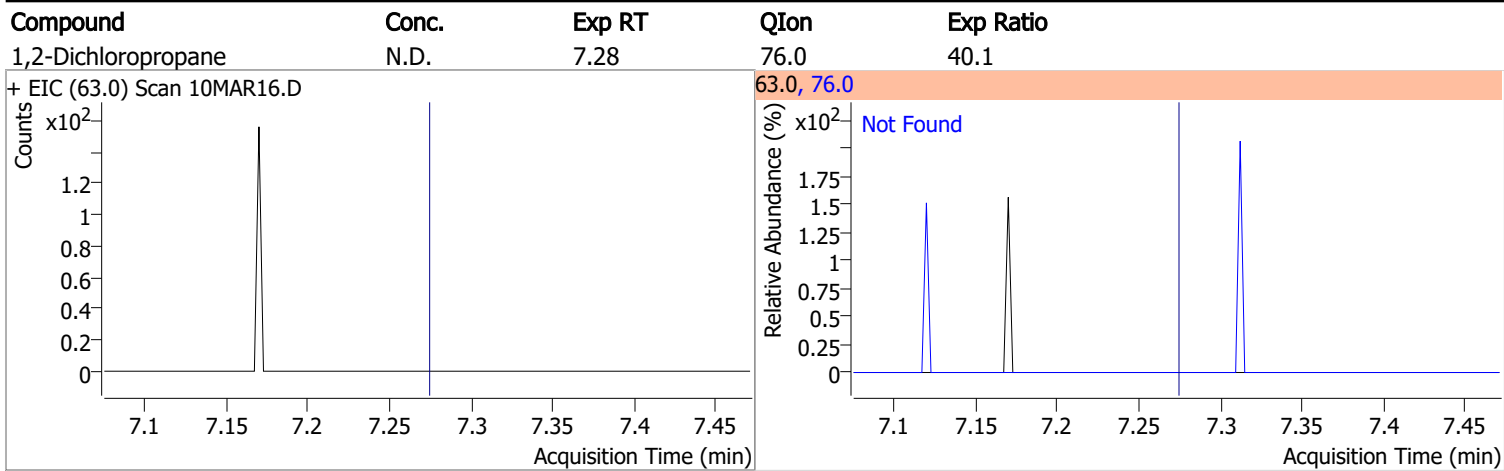
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5



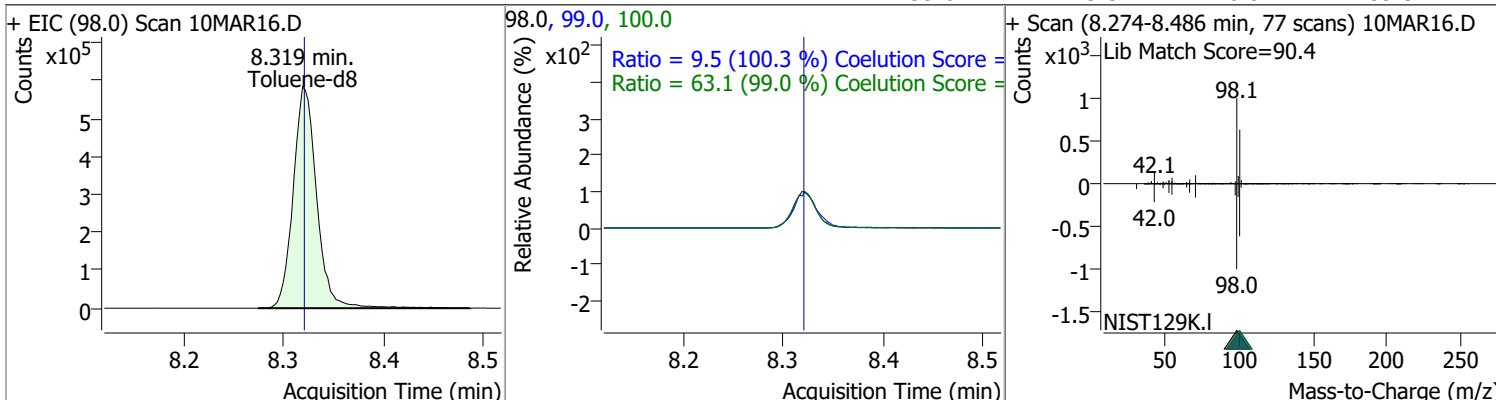
# Quantitation Results Report (QT Reviewed)



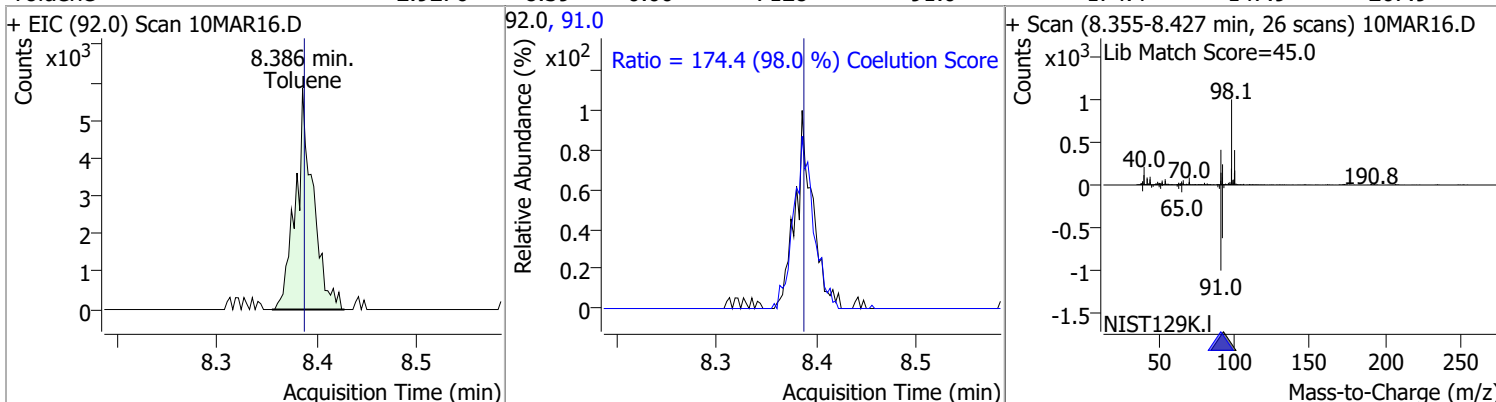


# Quantitation Results Report (QT Reviewed)

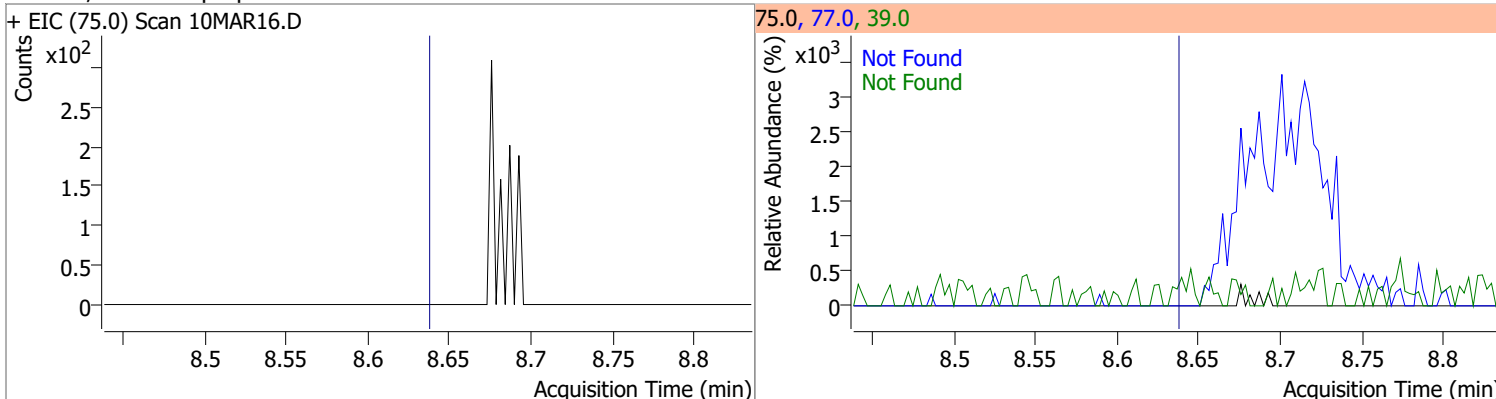
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	241.5996	8.32	0.00	950560	100.0	63.1	33.7	93.7
					99.0	9.5	0.0	39.5



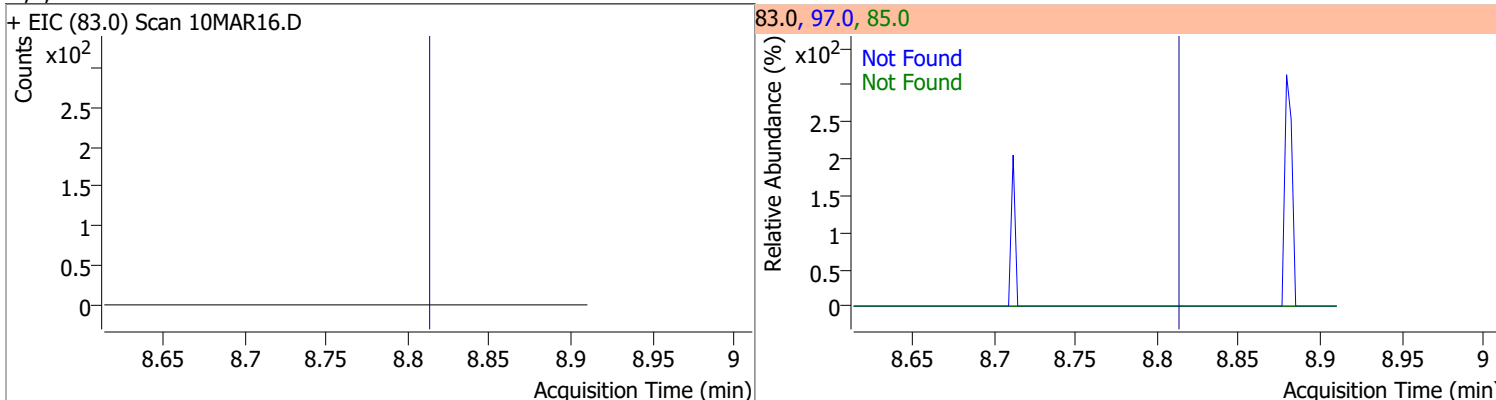
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.9276	8.39	0.00	7128	91.0	174.4	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

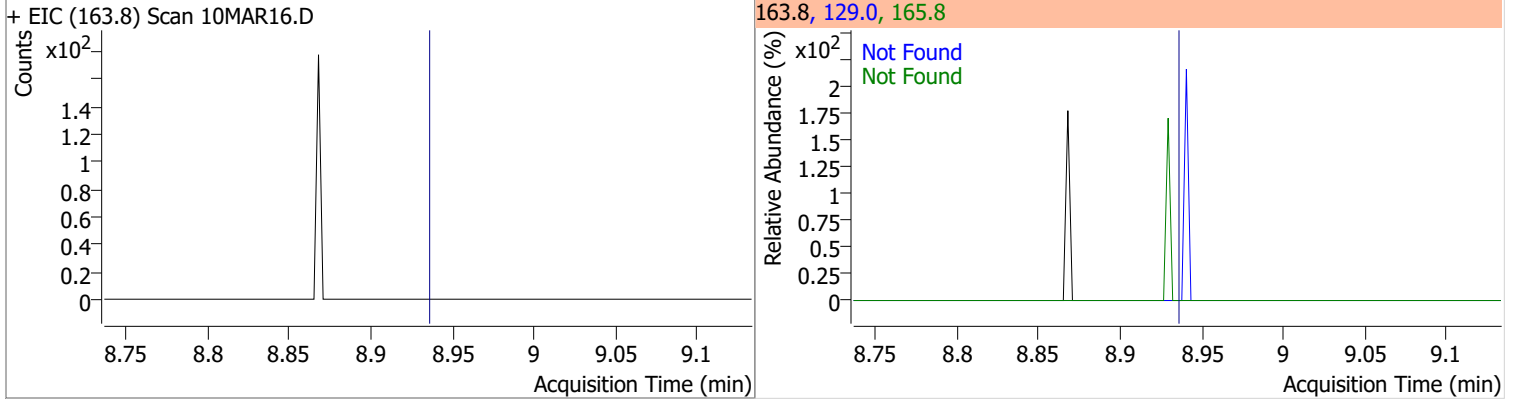


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

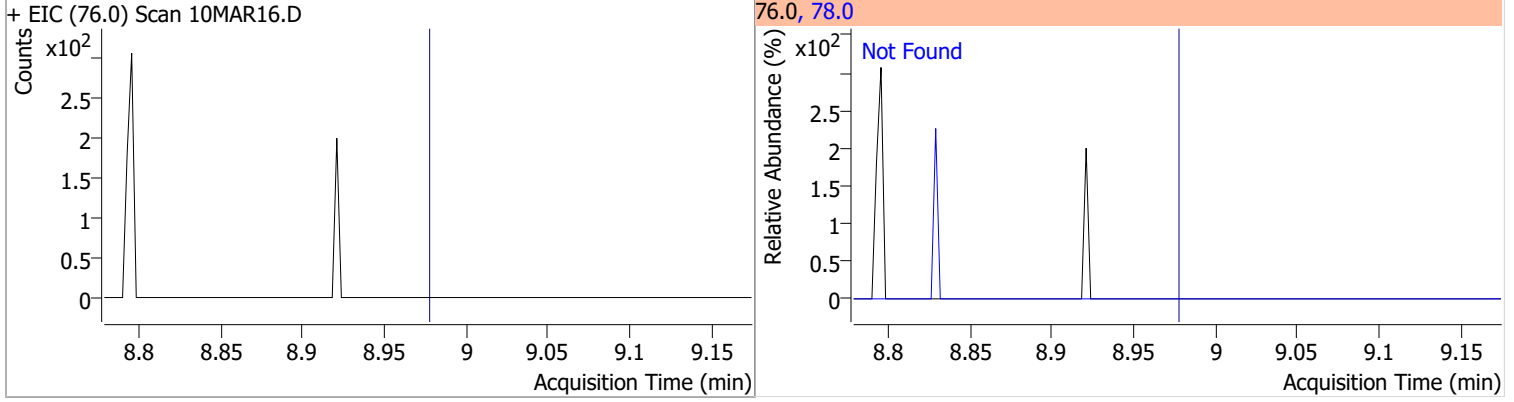


# Quantitation Results Report (QT Reviewed)

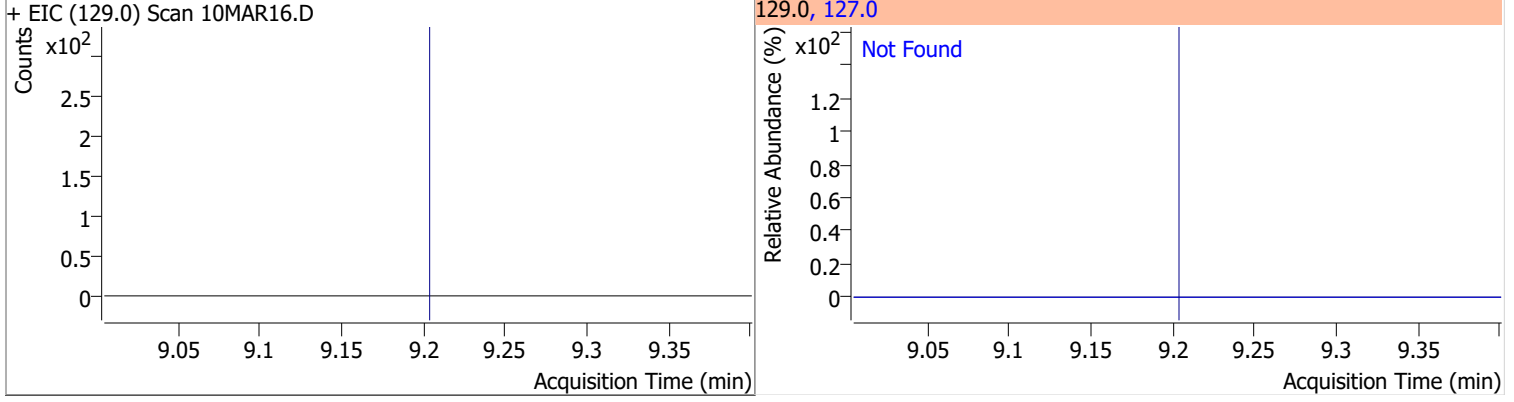
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



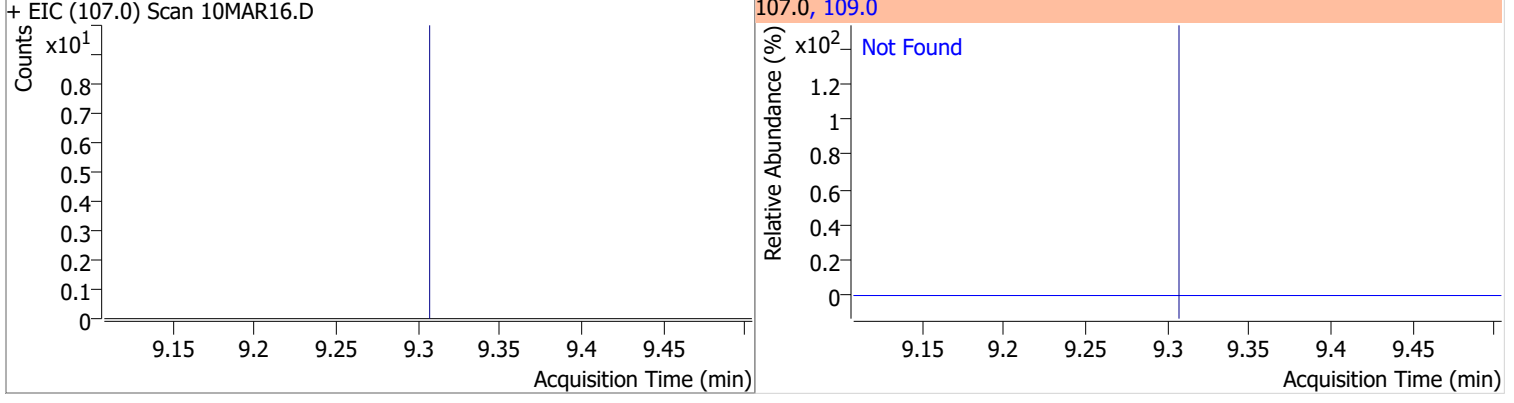
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1

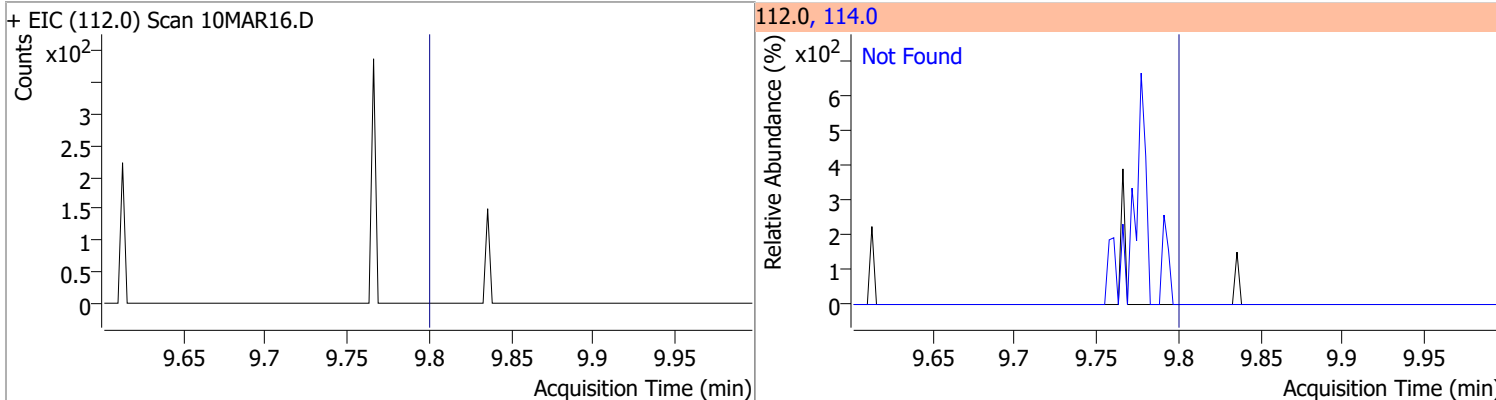


Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4

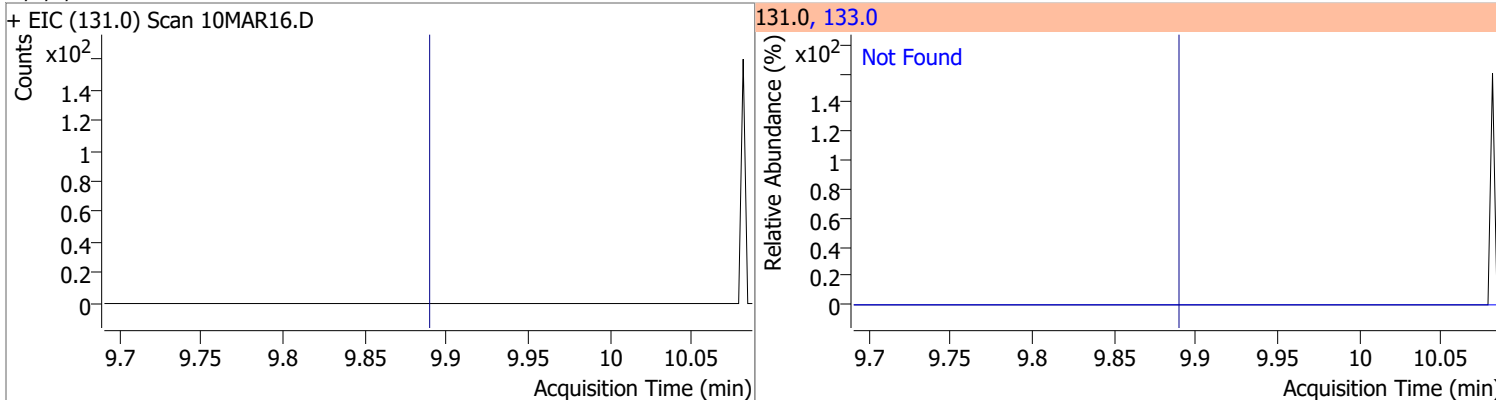


# Quantitation Results Report (QT Reviewed)

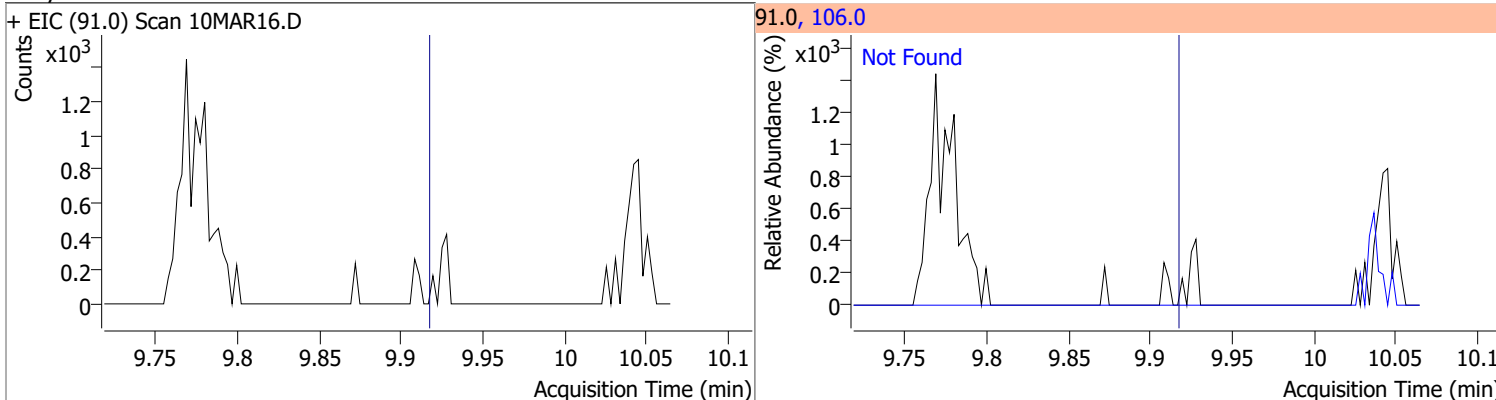
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6



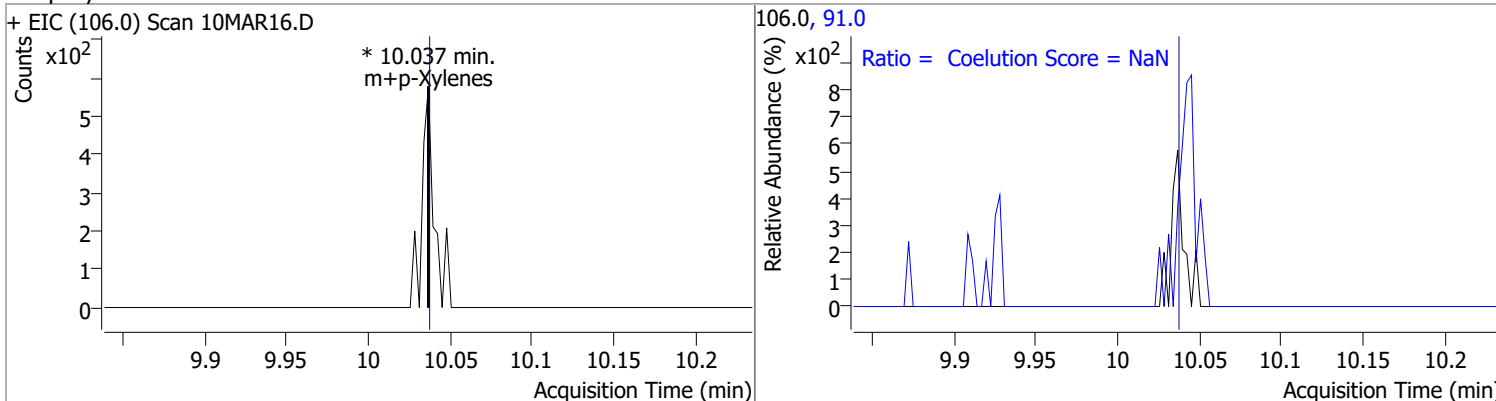
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9



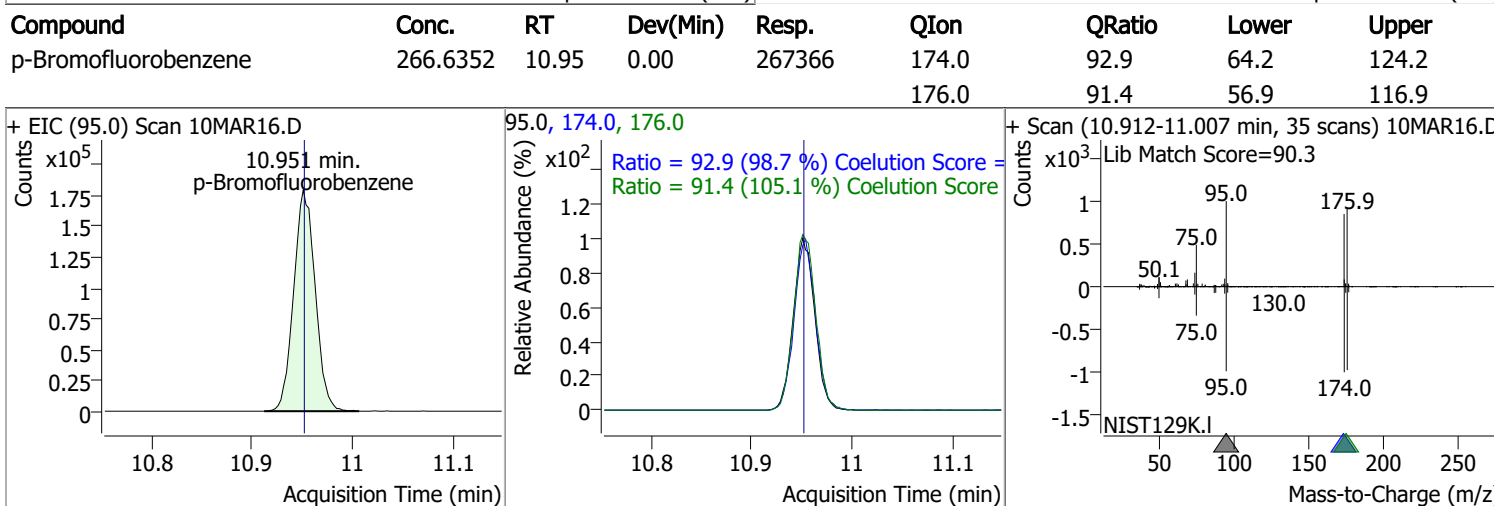
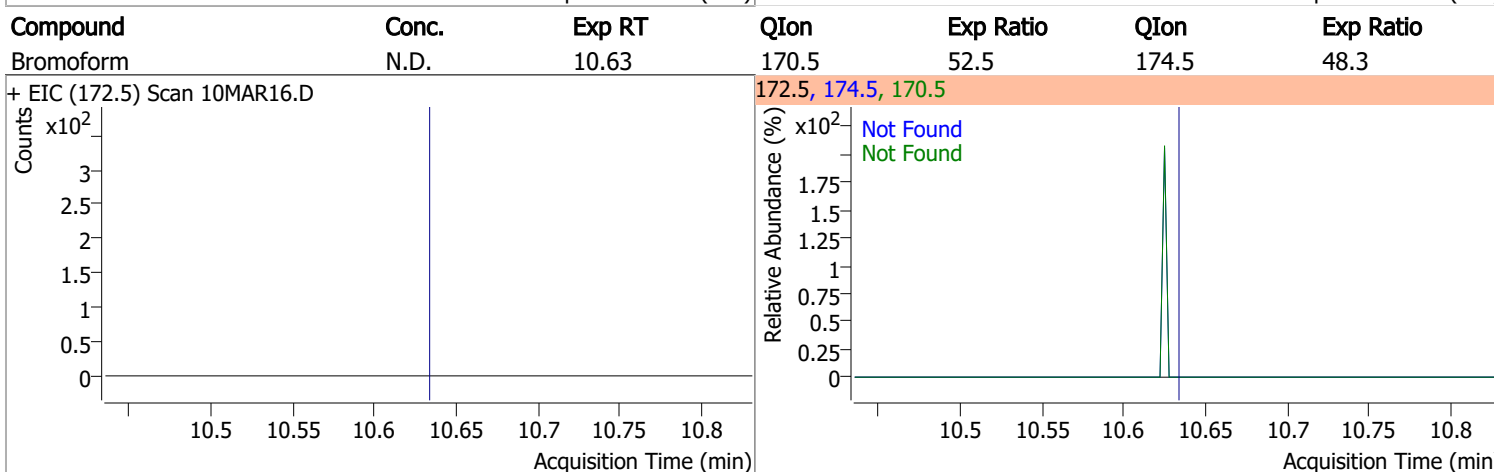
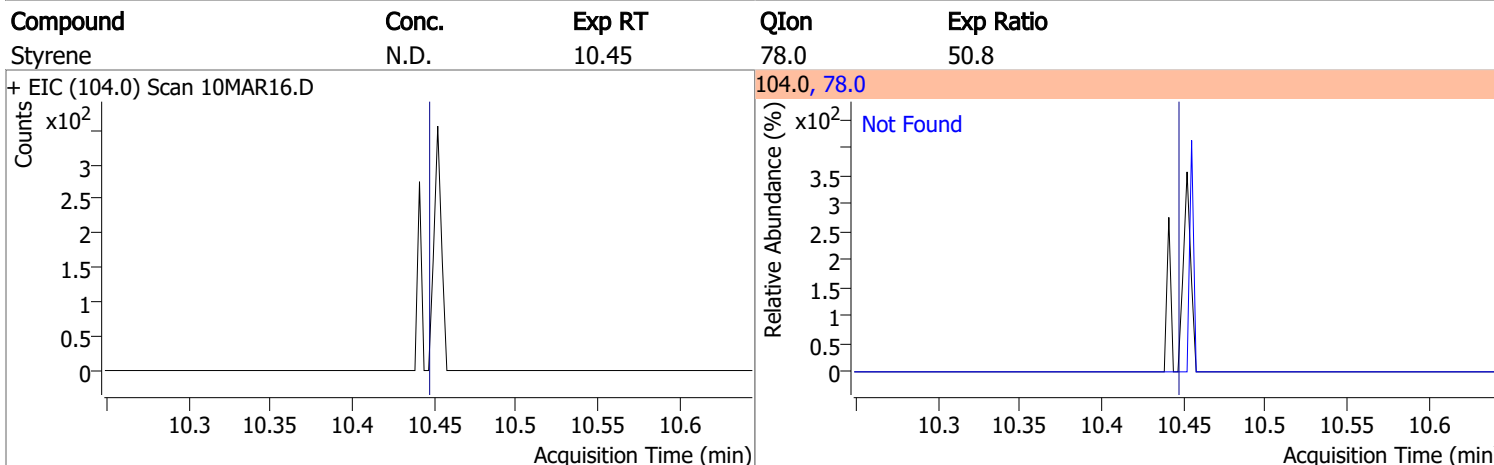
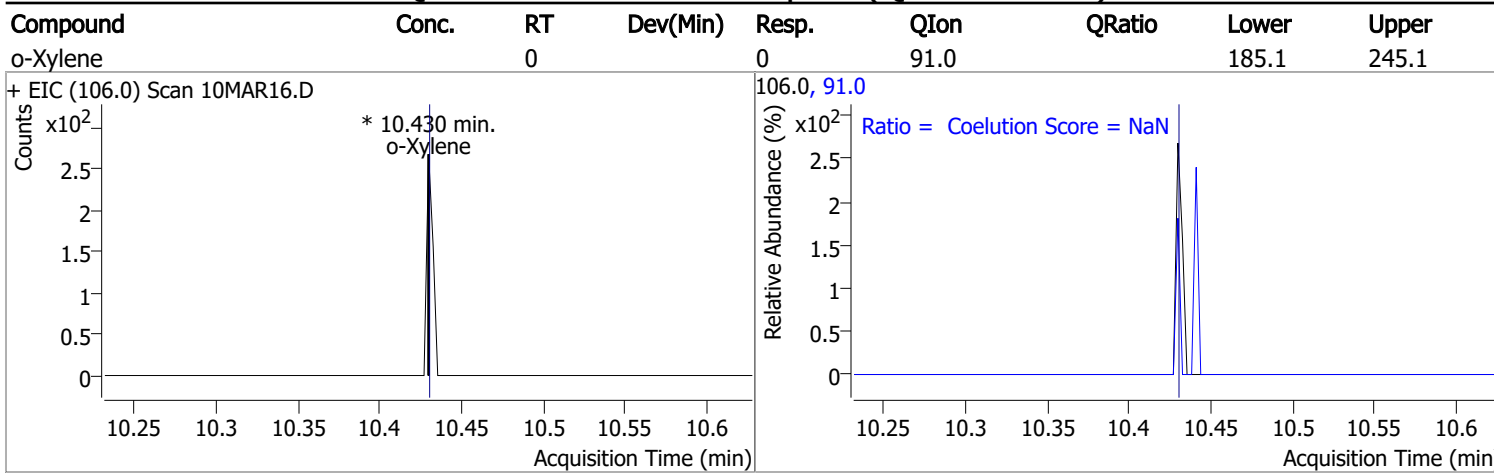
Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		173.1	233.1



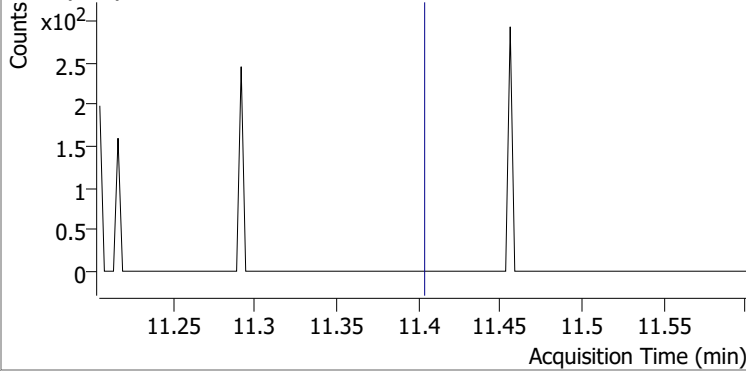
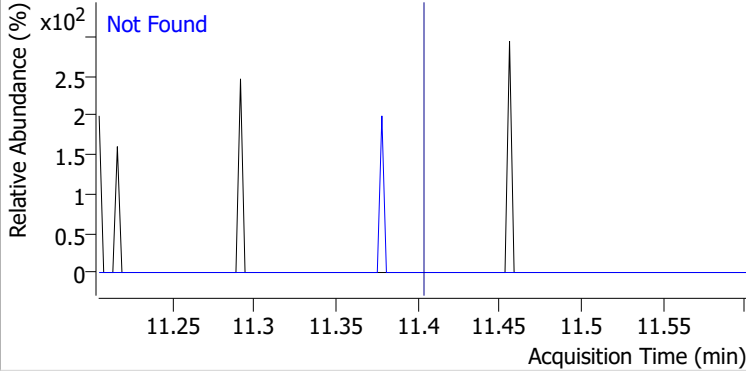
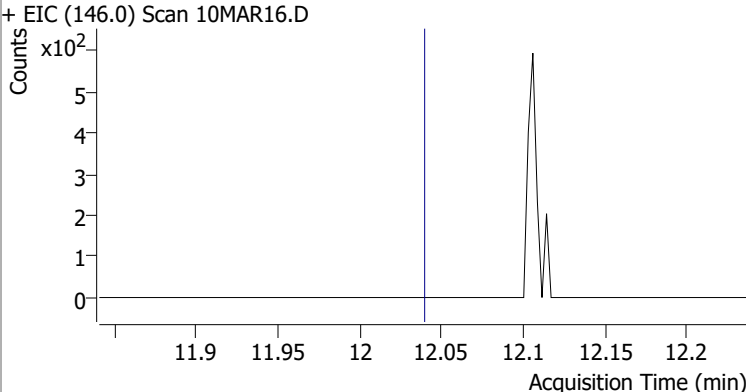
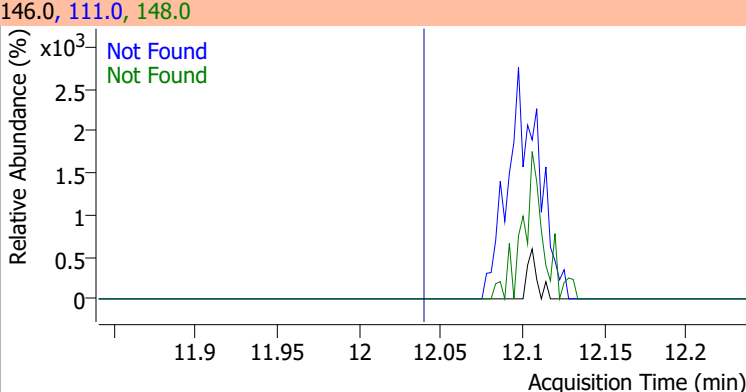
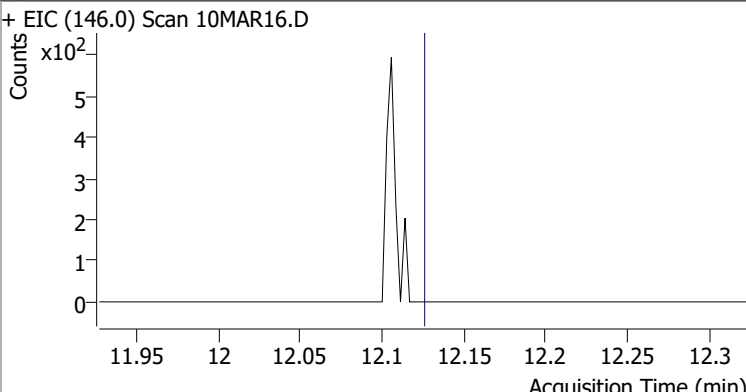
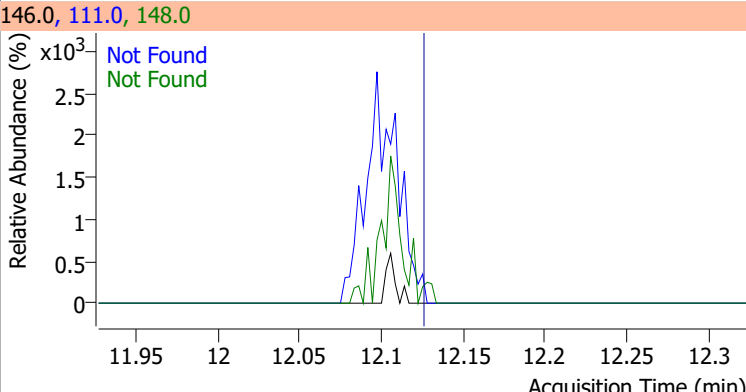
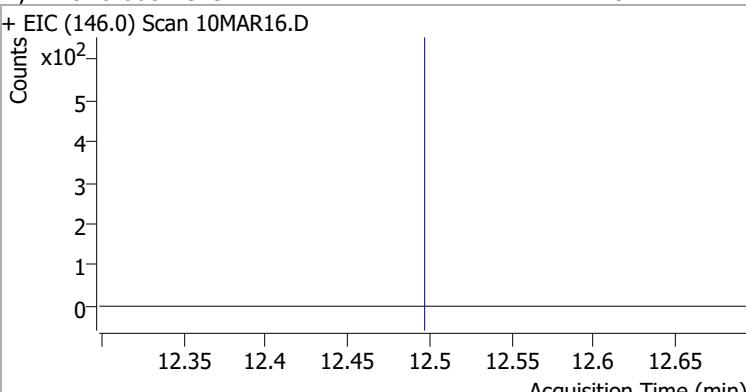
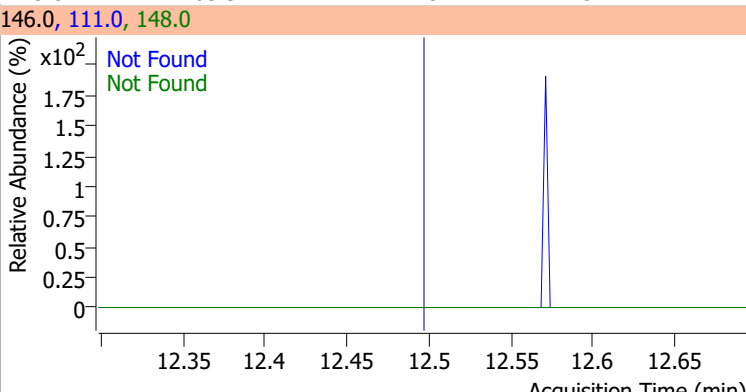
# Quantitation Results Report (QT Reviewed)



# Quantitation Results Report (QT Reviewed)

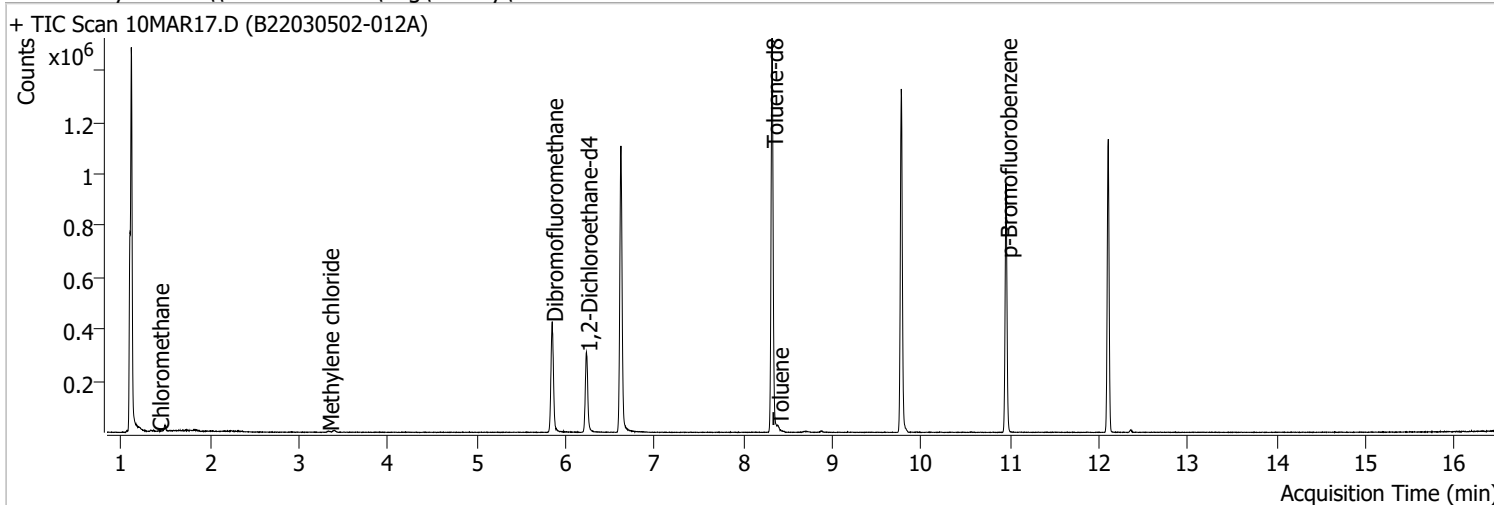
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR16.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR16.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR16.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR16.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR16.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR16.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR16.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR16.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR17.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 7:23:47 PM
Sample Name	B22030502-012A	Instrument	VOA5975C
Vial	17	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	909624	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	358101	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	265835	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	248447	268.8086	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.52%		
S 1,2-Dichloroethane-d4	6.233	67.0	111274	269.7197	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 107.89%		
S Toluene-d8	8.321	98.0	916297	239.9997	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 96.00%		
S p-Bromofluorobenzene	10.954	95.0	257811	263.0138	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.21%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.414	50.0	505	0.3319	ng	m 92
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.327	49.0	3187	2.2741	ng	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	0.000		0	N.D.		

# Quantitation Results Report (QT Reviewed)

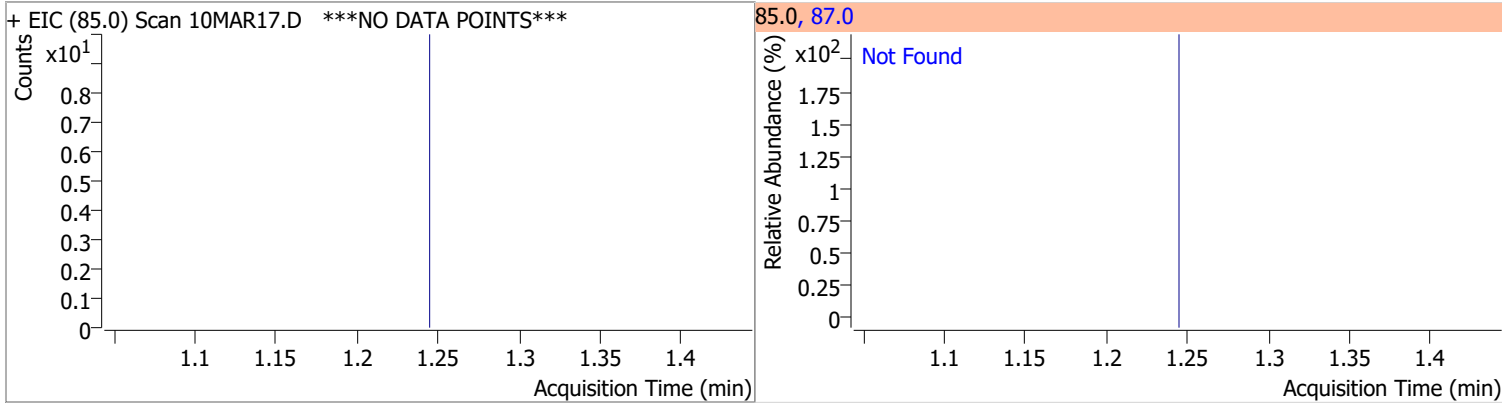
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	6.277	78.0	0		ng md	1
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.386	92.0	4868	2.0603	ng	86
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

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

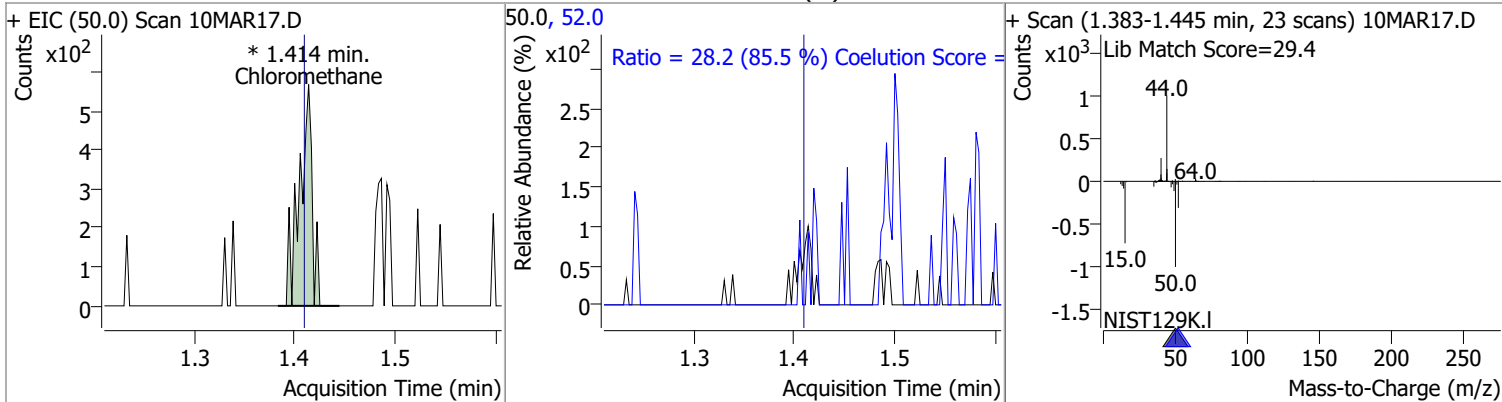


# Quantitation Results Report (QT Reviewed)

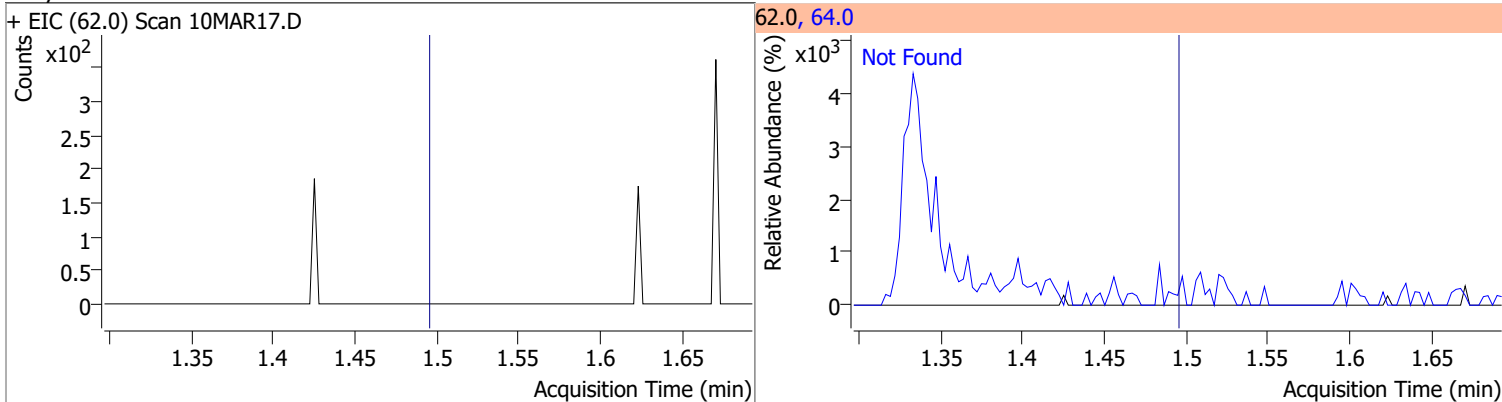
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5



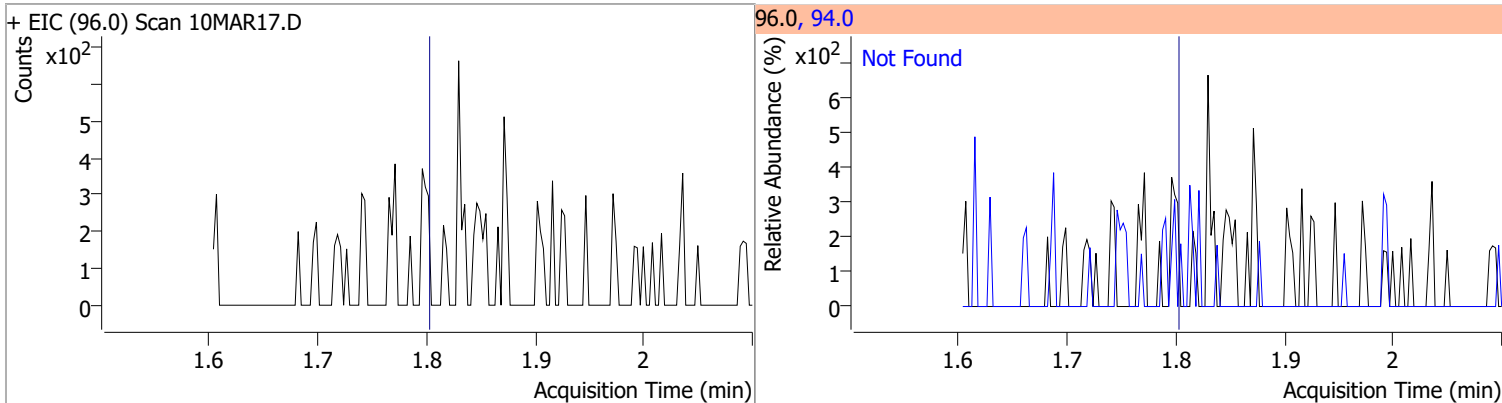
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.3319	1.41	0.01	505 (m)	52.0	28.2	3.0	63.0



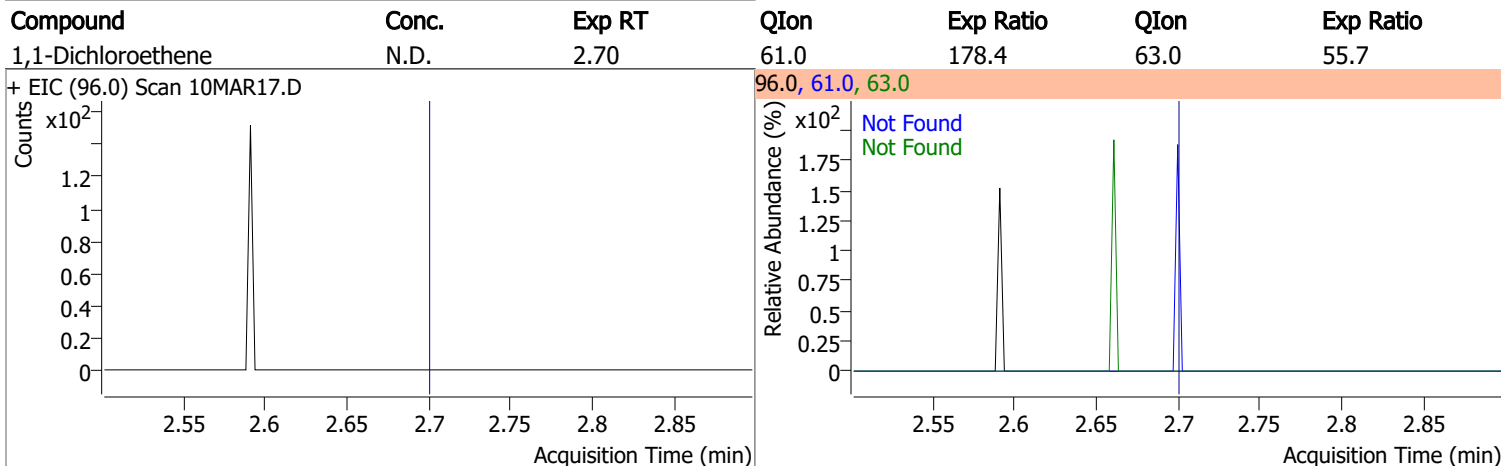
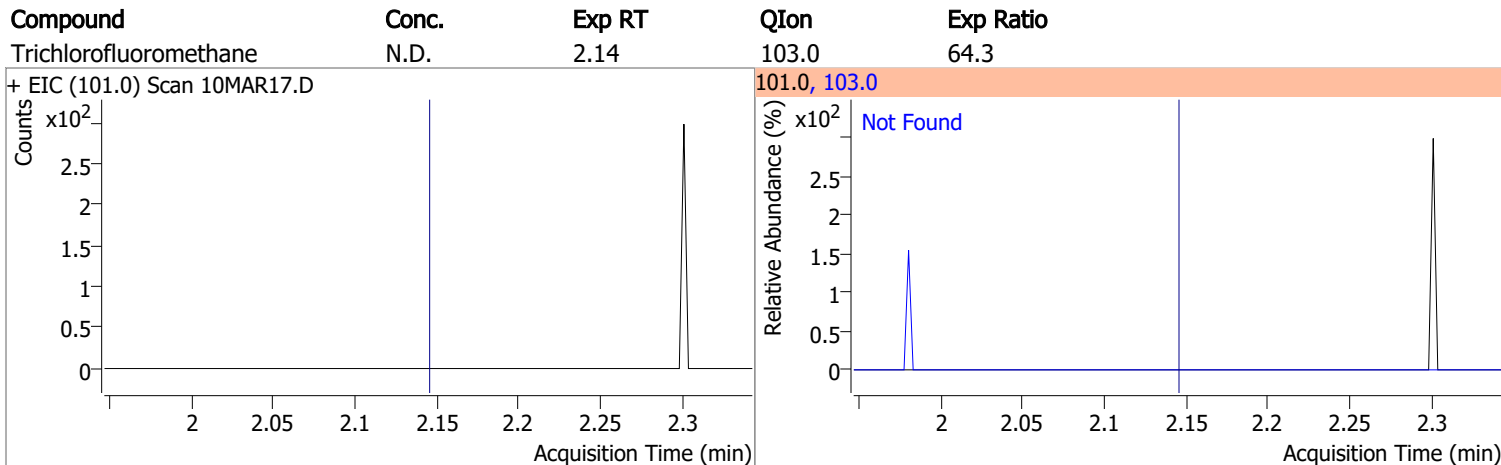
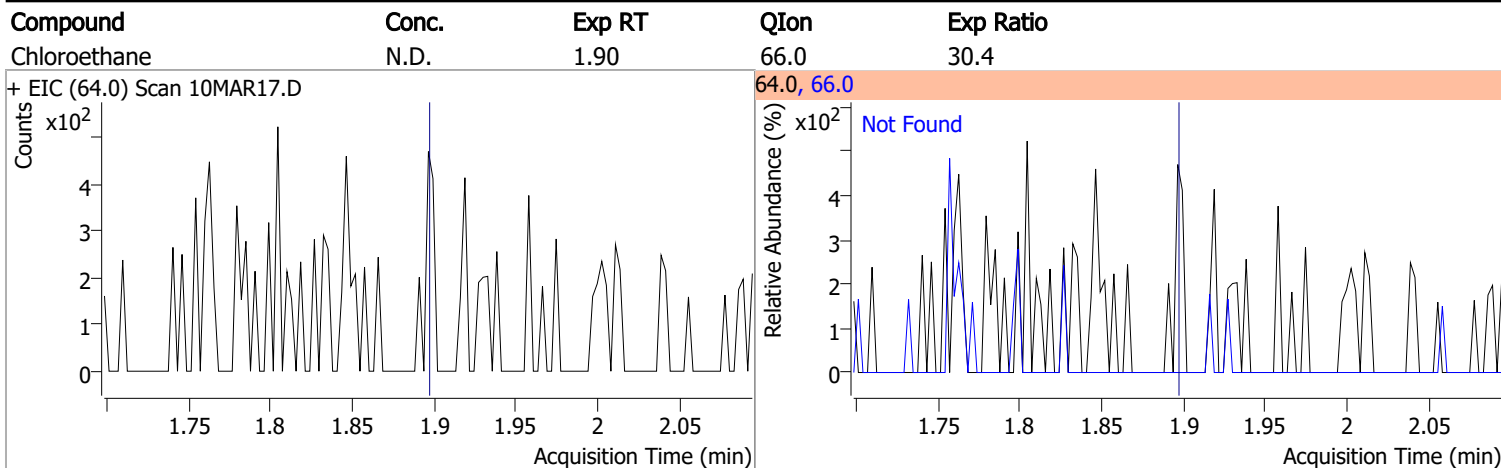
Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.49	64.0	30.6



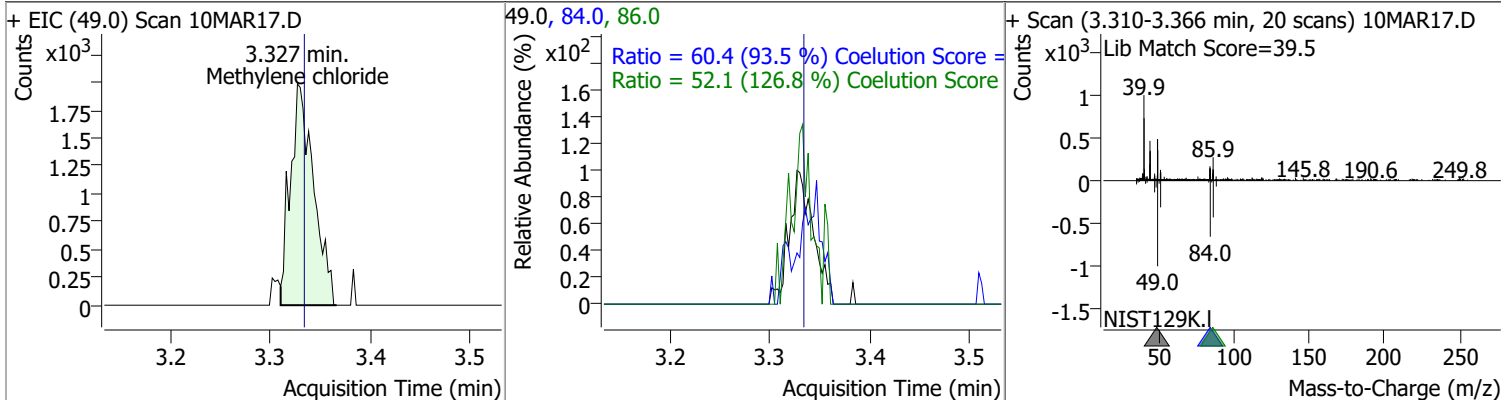
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.8



# Quantitation Results Report (QT Reviewed)

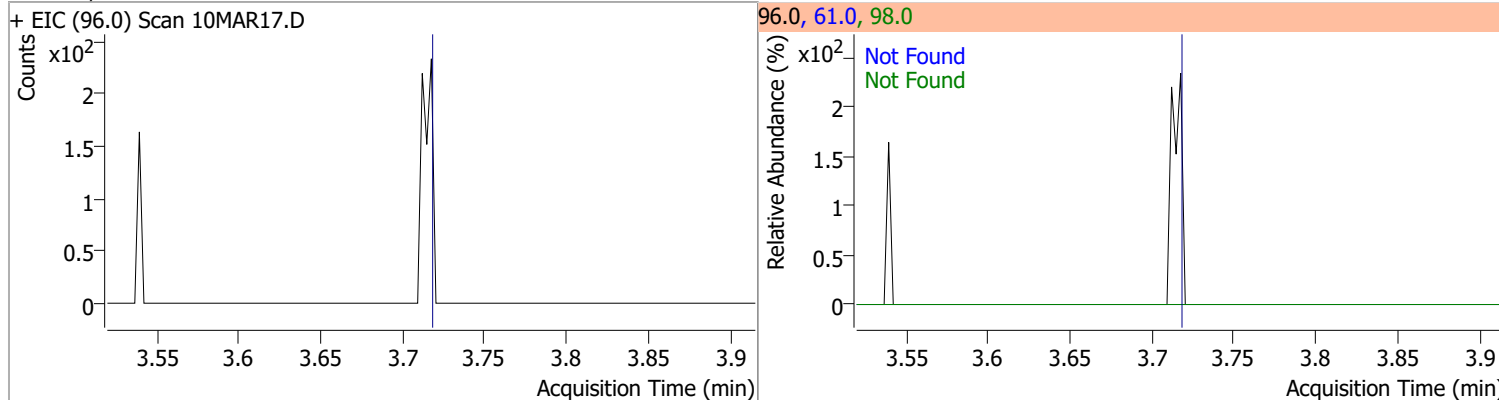


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	2.2741	3.33	-0.01	3187	84.0	60.4	34.7	94.7
					86.0	52.1	11.1	71.1

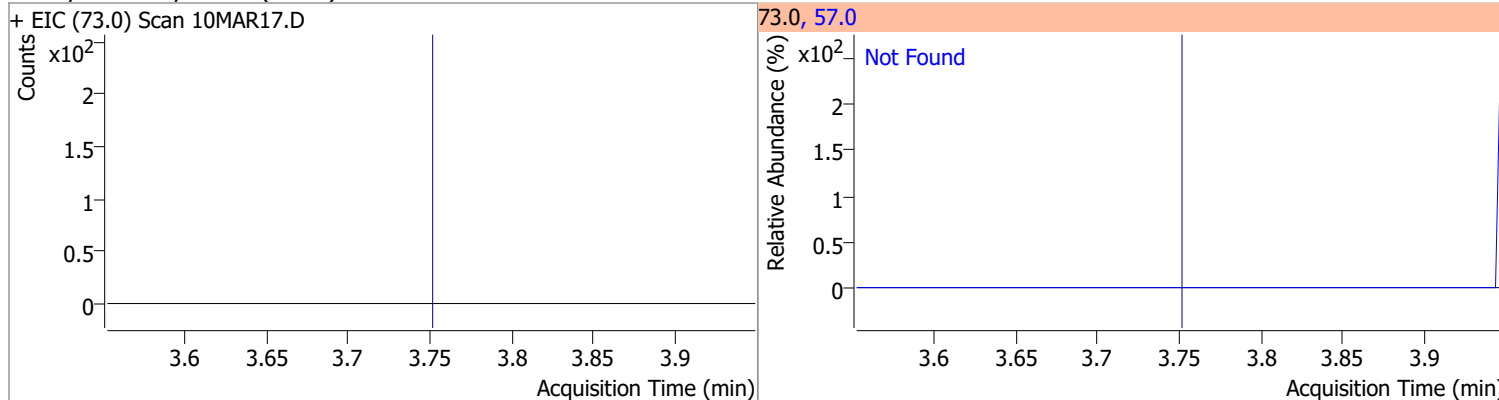


# Quantitation Results Report (QT Reviewed)

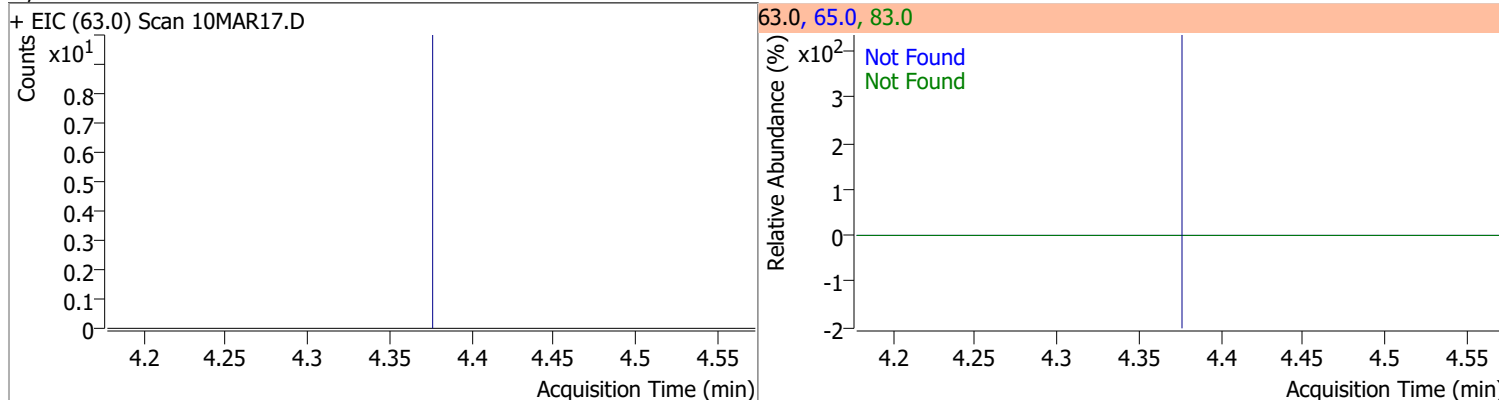
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9



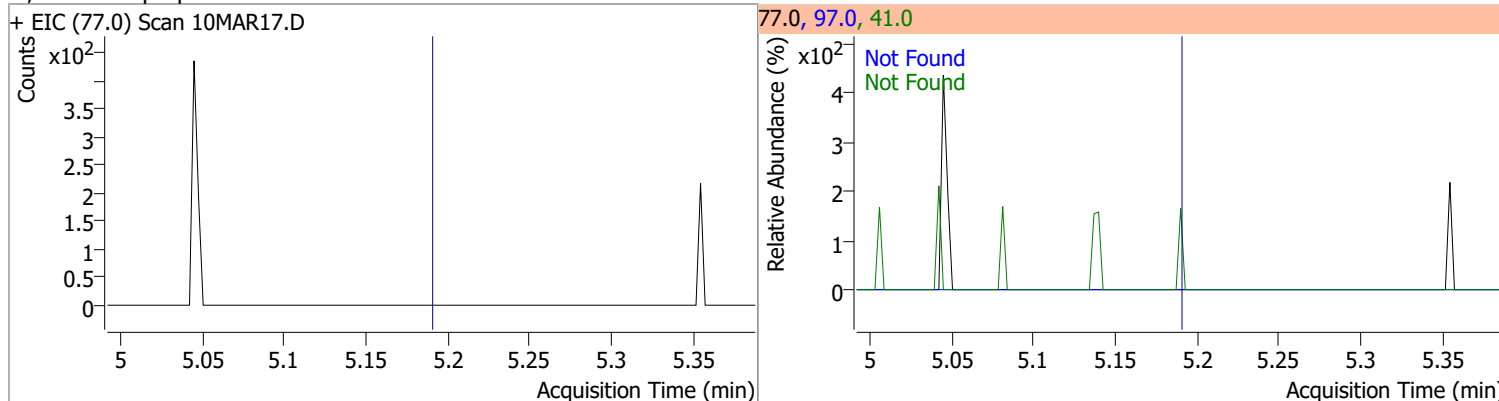
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9

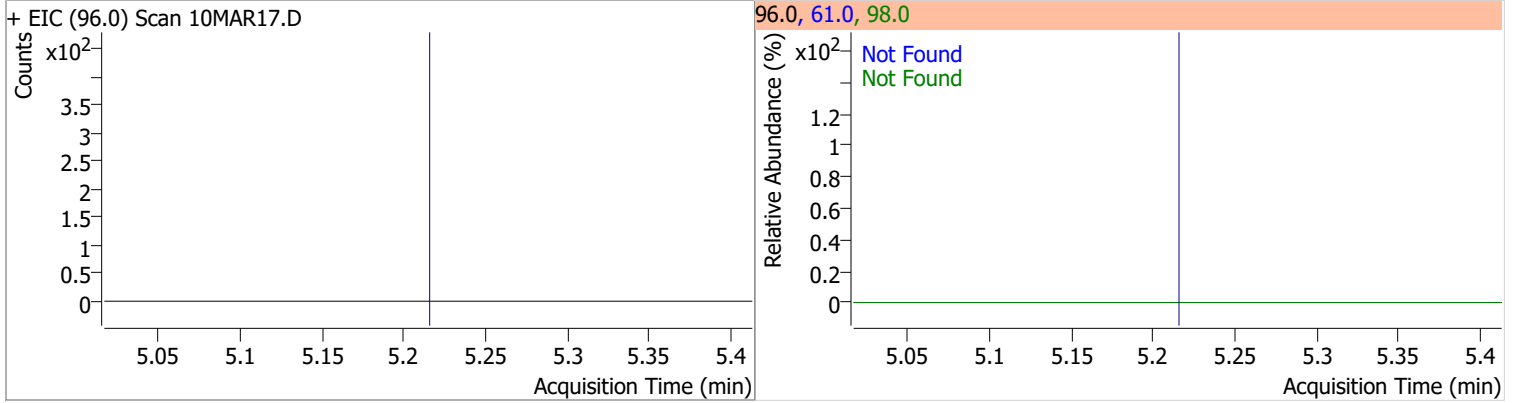


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4

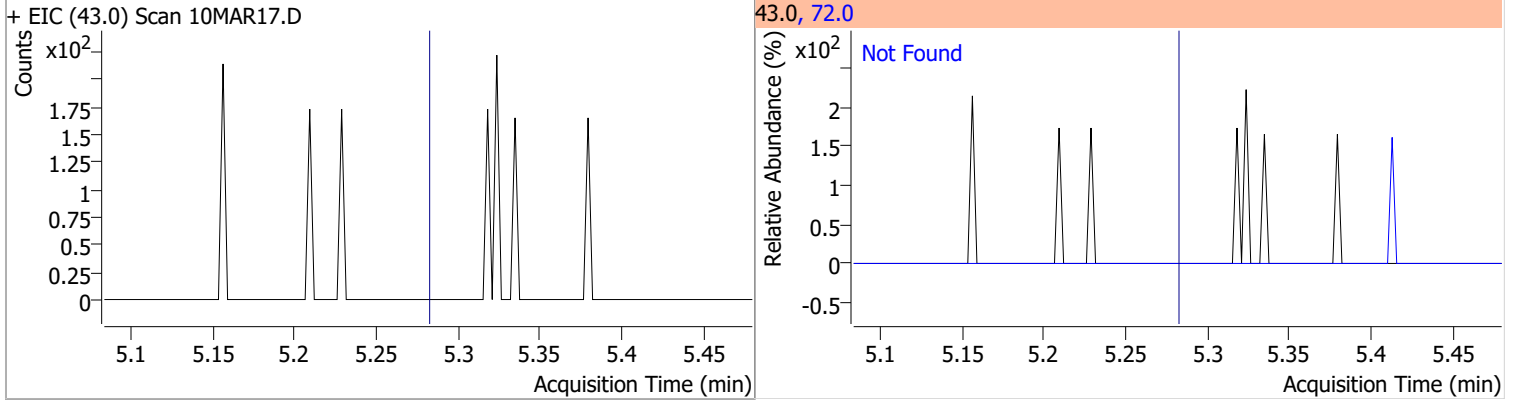


# Quantitation Results Report (QT Reviewed)

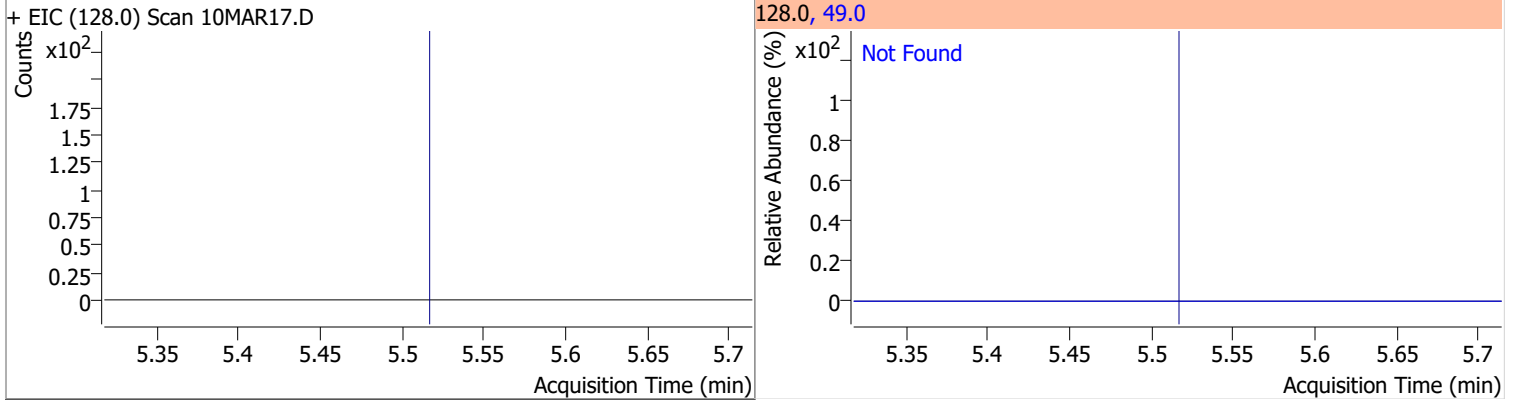
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



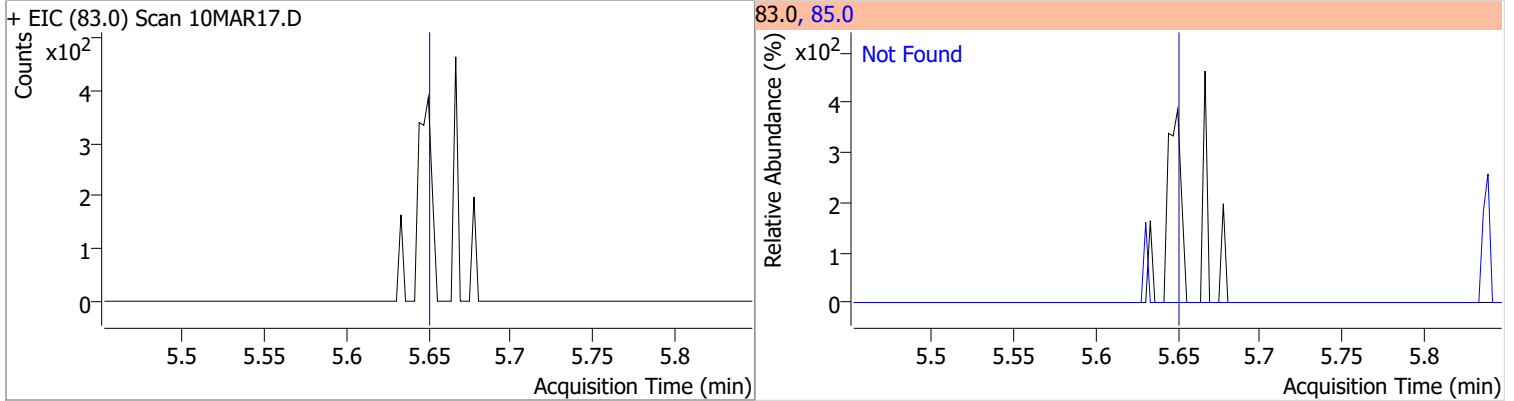
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



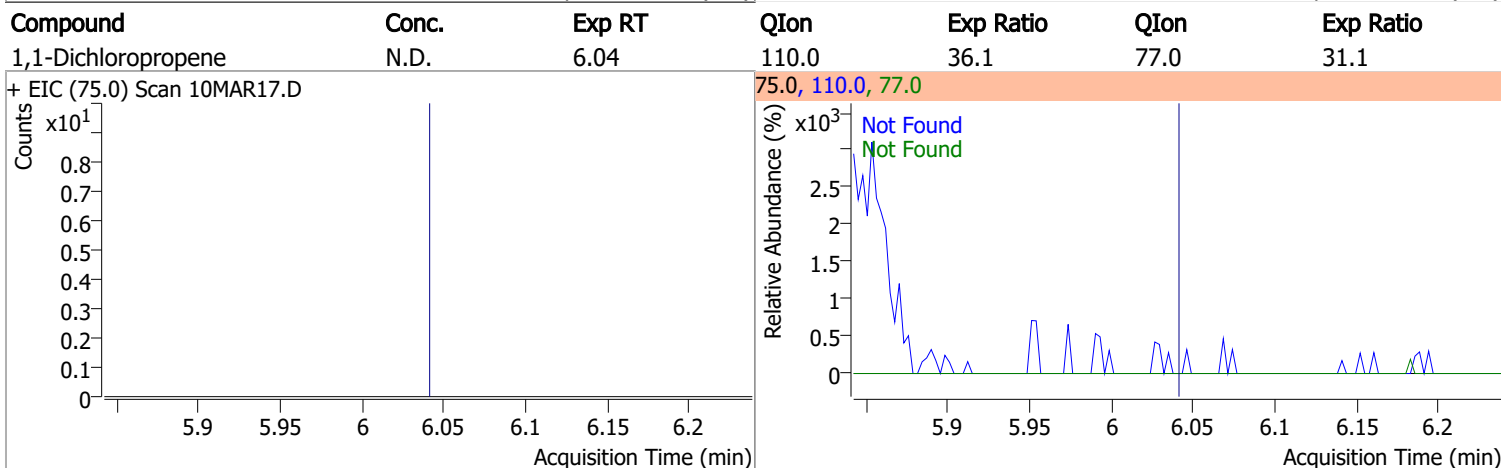
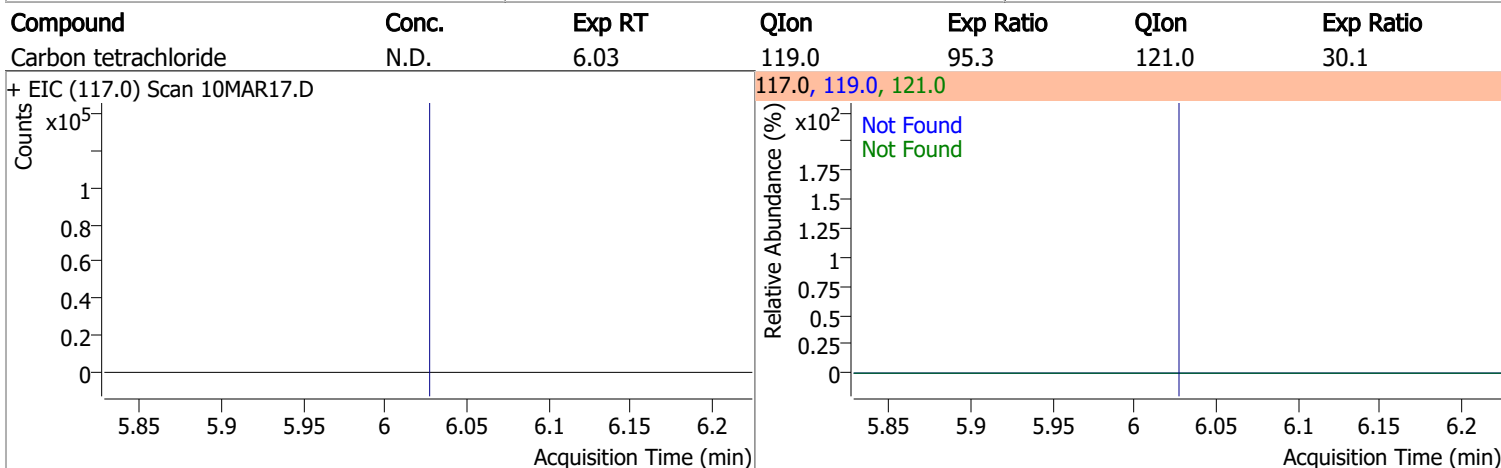
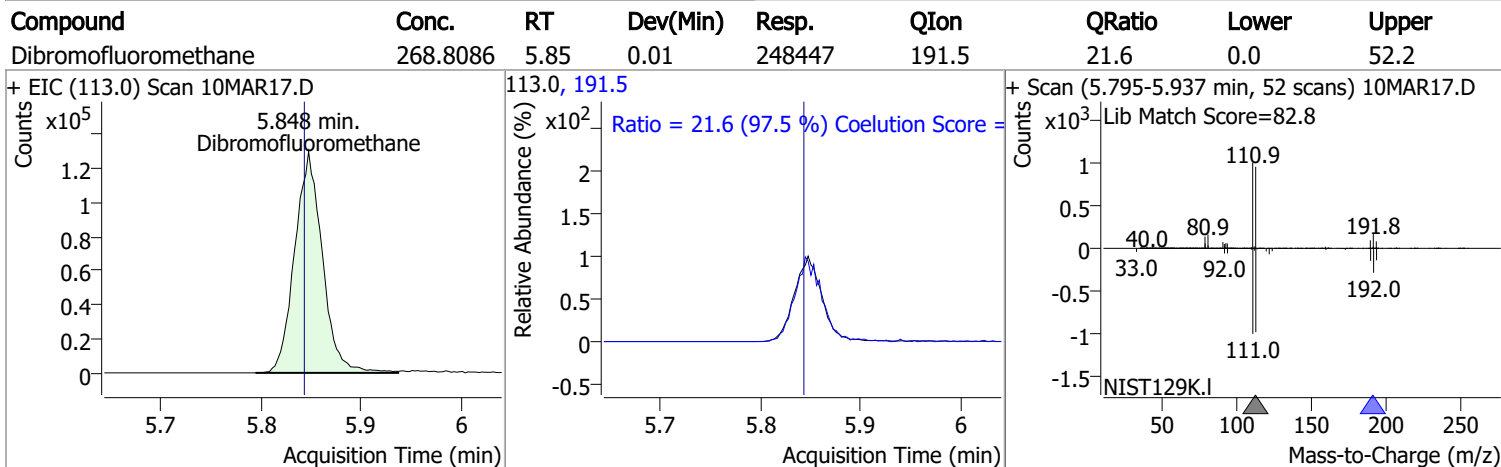
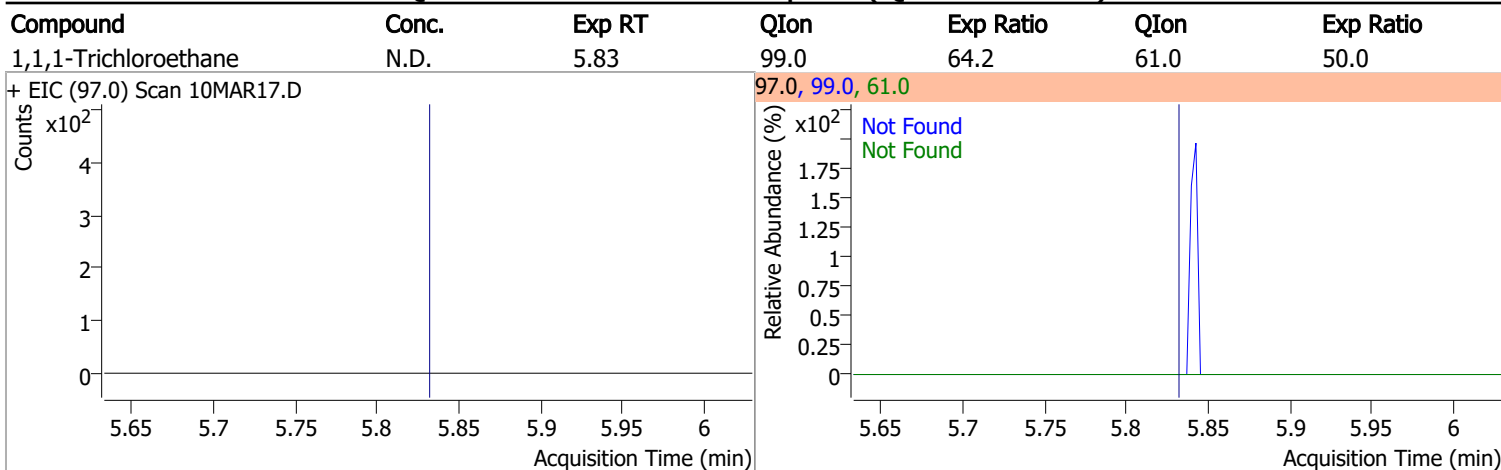
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroform	N.D.	5.65	85.0	64.7

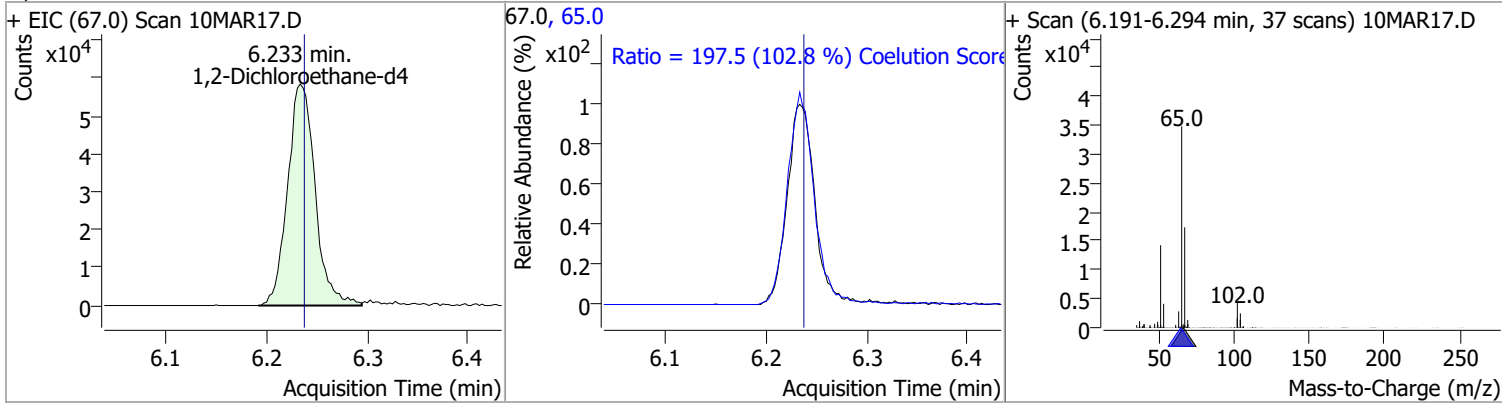


# Quantitation Results Report (QT Reviewed)

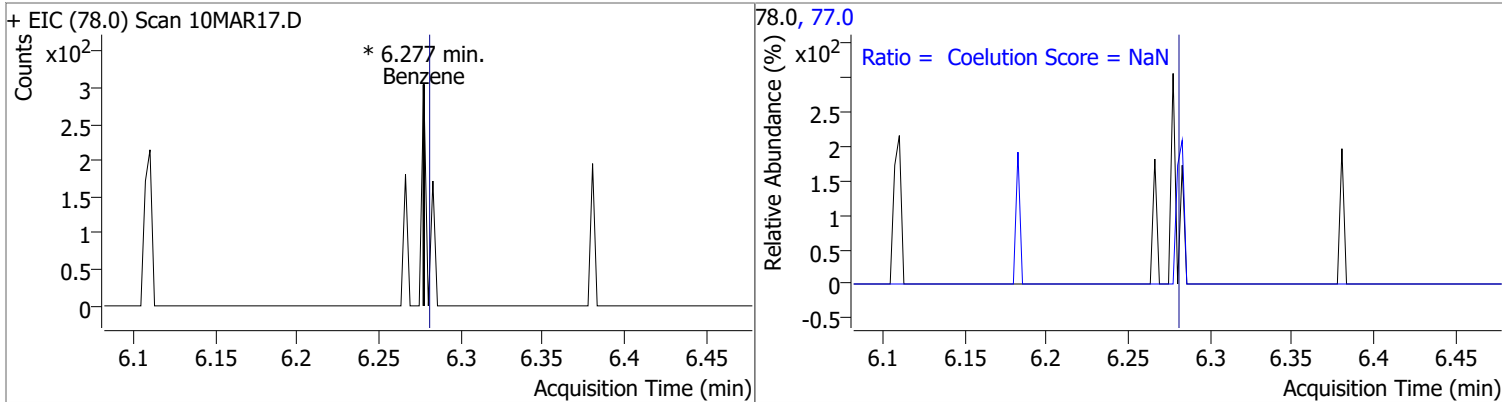


# Quantitation Results Report (QT Reviewed)

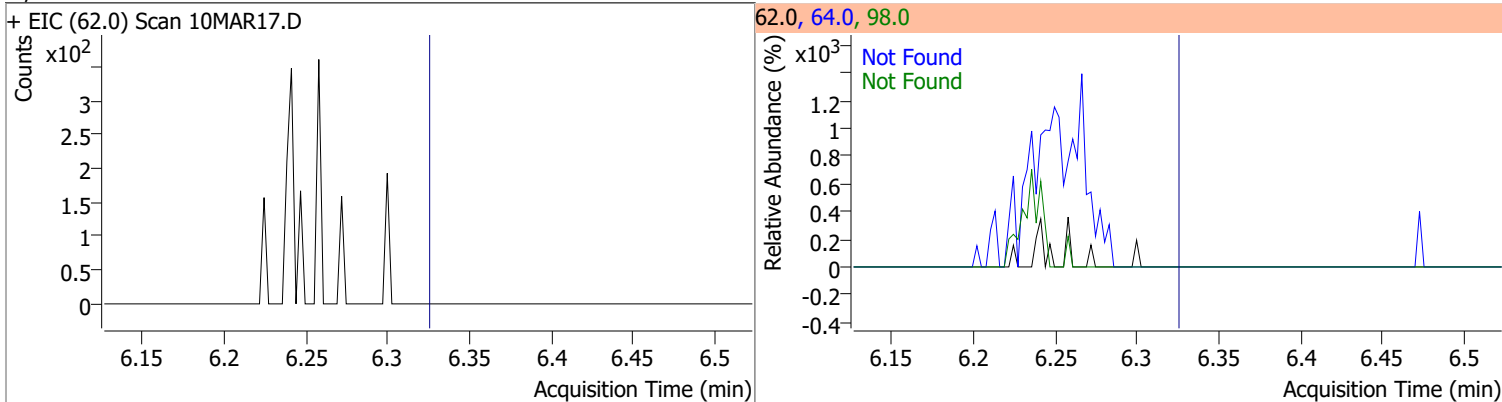
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	269.7197	6.23	0.00	111274	65.0	197.5	162.2	222.2



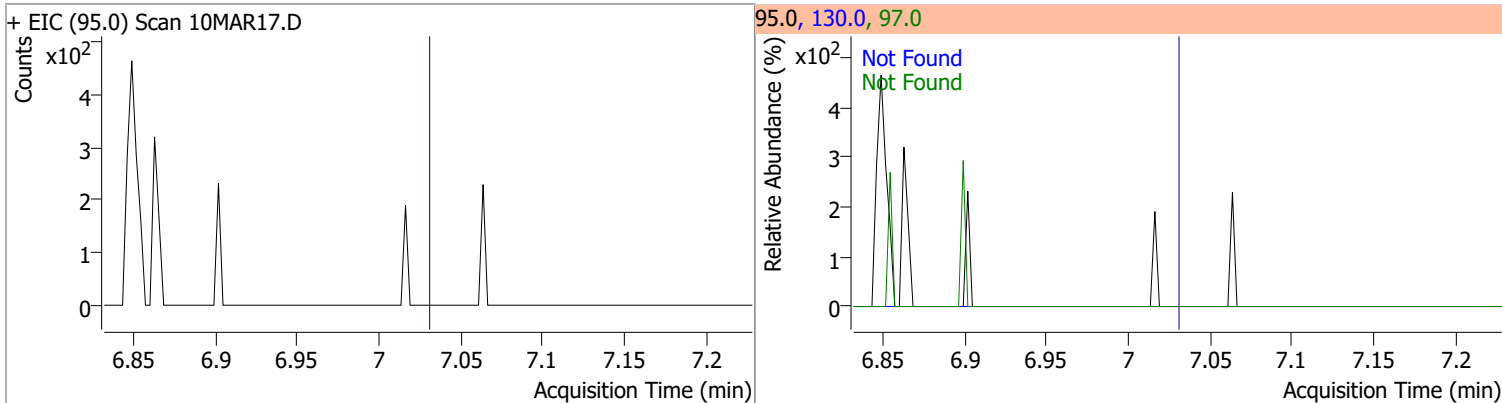
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	0	0	0	0	77.0	0.0	0.0	53.0



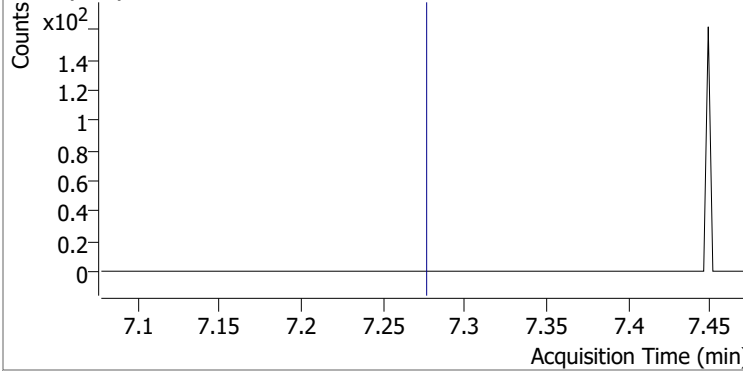
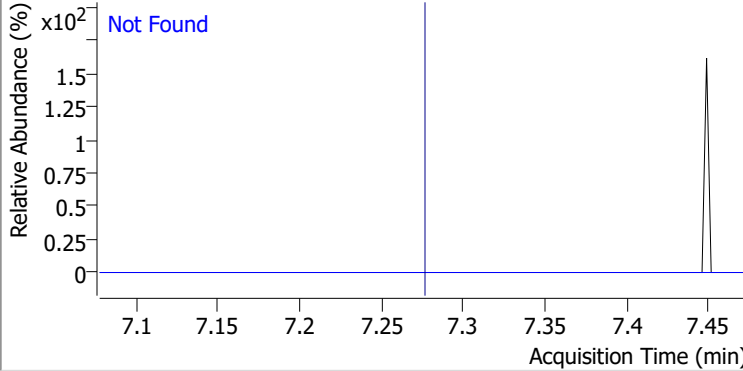
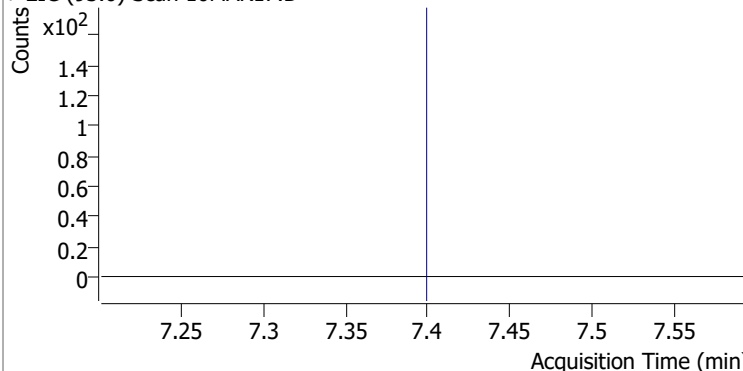
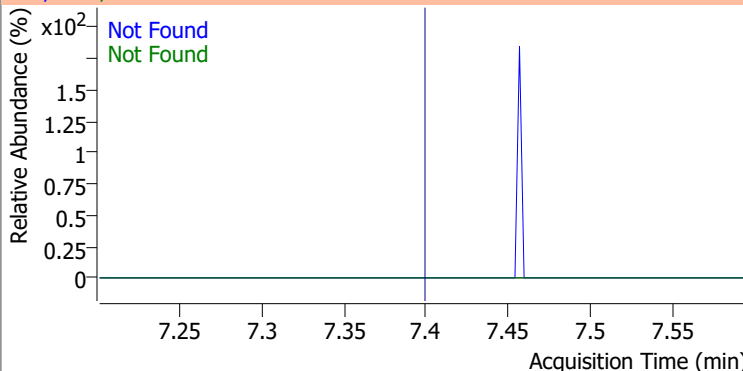
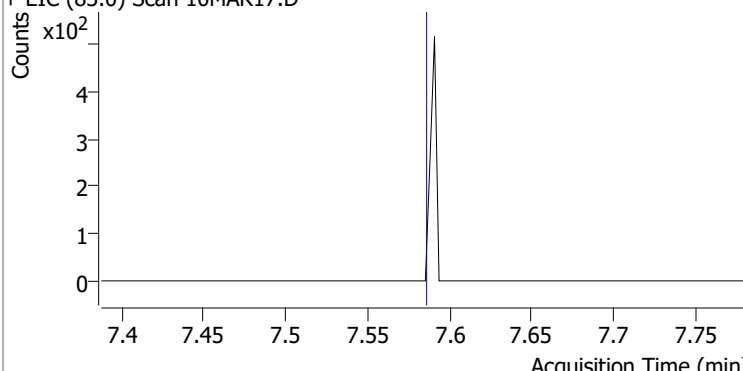
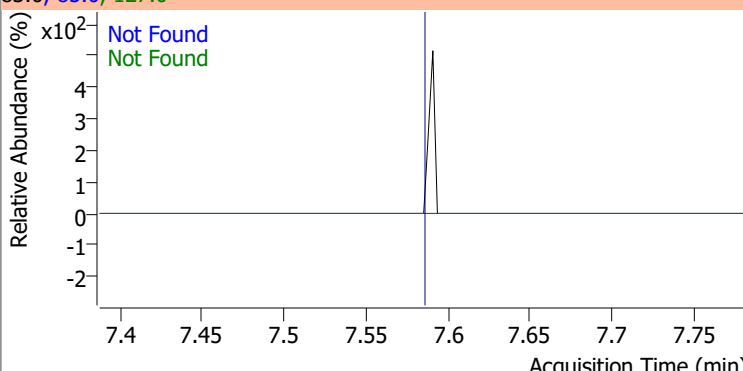
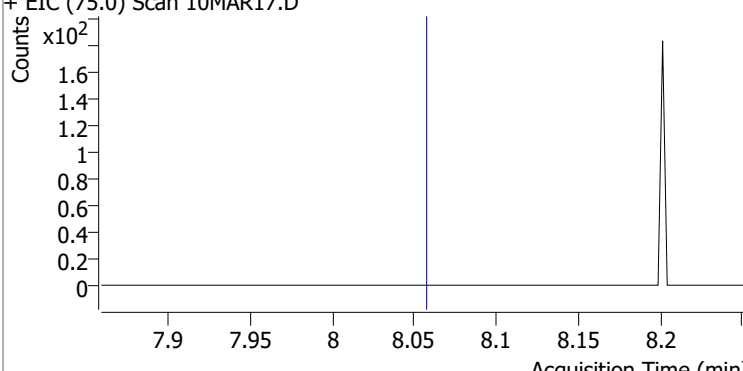
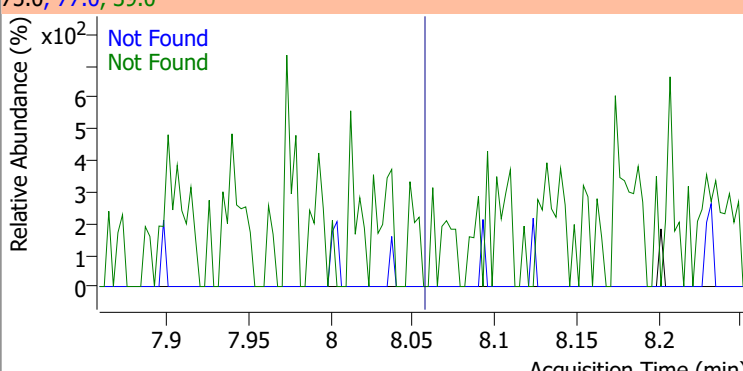
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

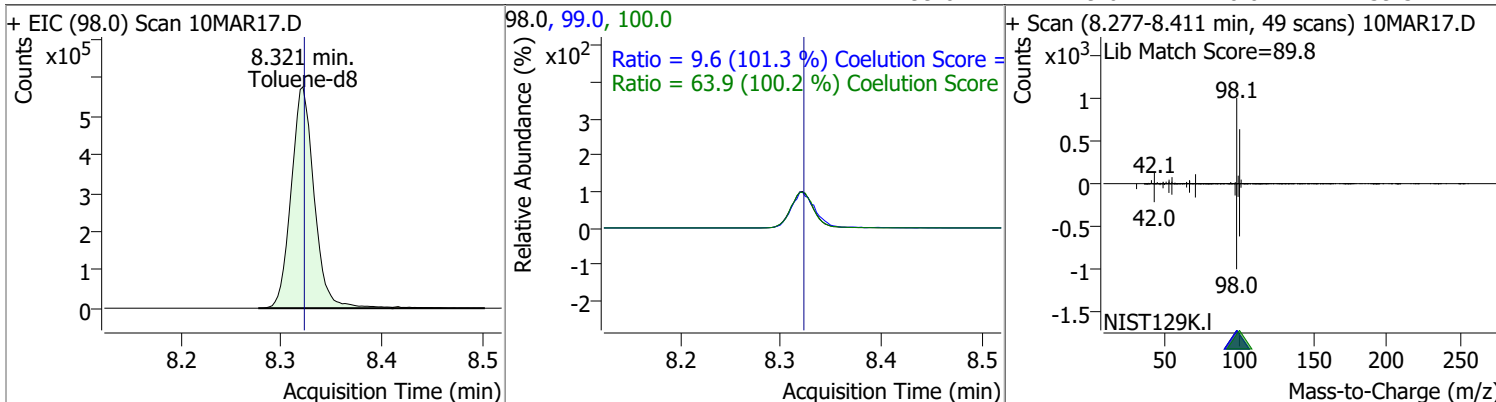


# Quantitation Results Report (QT Reviewed)

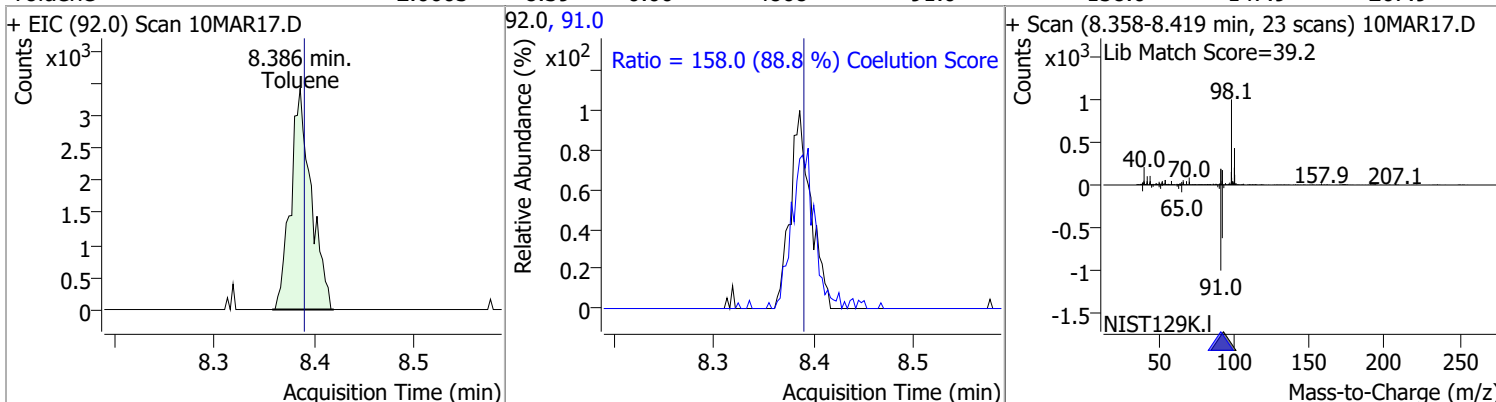
Compound	Conc.	Exp RT	QIon	Exp Ratio		
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR17.D			63.0, 76.0			
						
Dibromomethane	N.D.	7.40	173.5	108.6	95.0	84.5
+ EIC (93.0) Scan 10MAR17.D			93.0, 95.0, 173.5			
						
Bromodichloromethane	N.D.	7.59	85.0	63.2	127.0	9.4
+ EIC (83.0) Scan 10MAR17.D			83.0, 85.0, 127.0			
						
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	77.0	32.0
+ EIC (75.0) Scan 10MAR17.D			75.0, 77.0, 39.0			
						

# Quantitation Results Report (QT Reviewed)

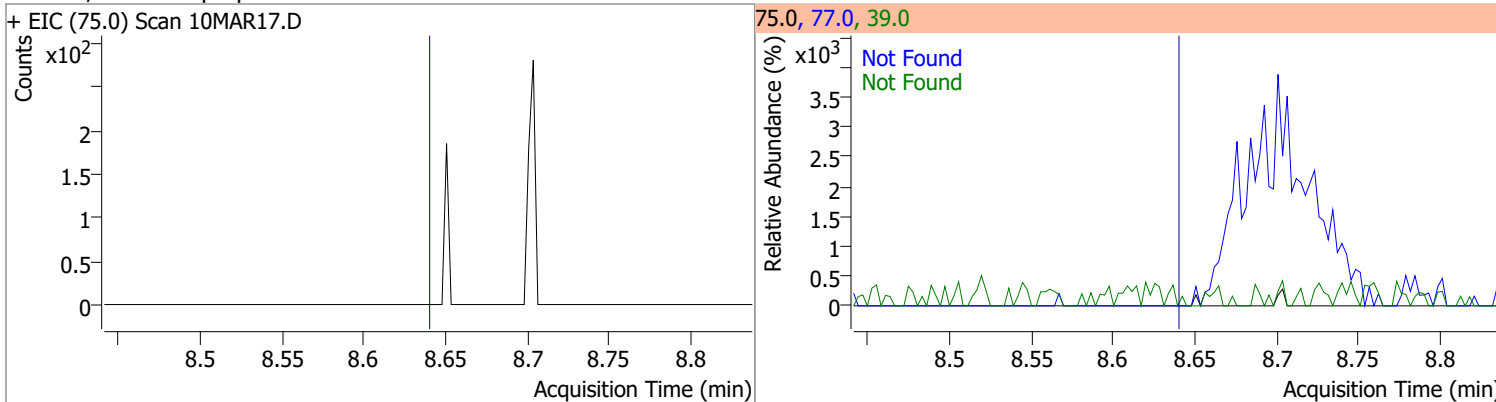
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	239.9997	8.32	0.00	916297	100.0	63.9	33.7	93.7
					99.0	9.6	0.0	39.5



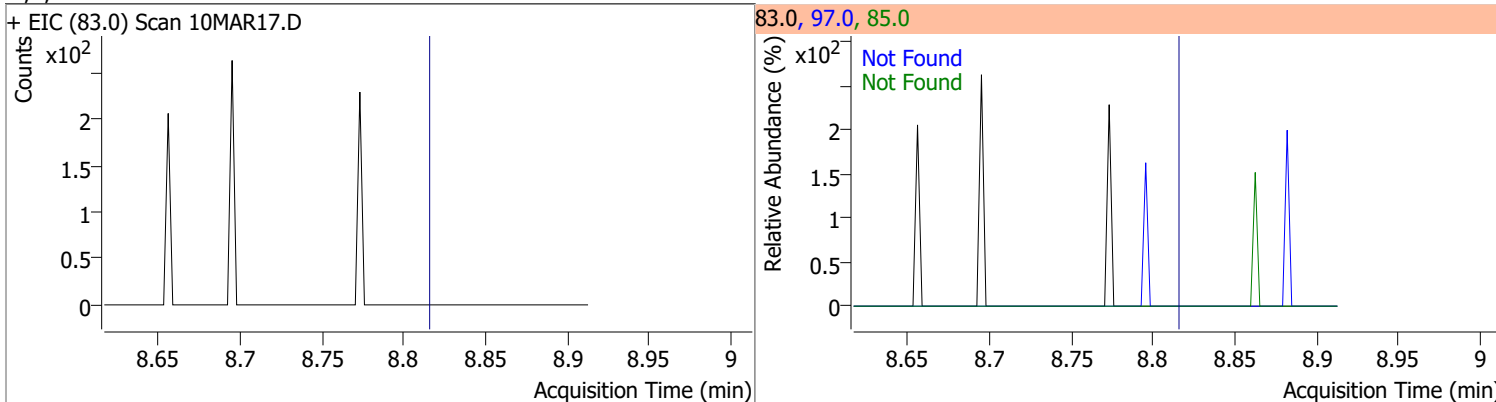
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.0603	8.39	0.00	4868	91.0	158.0	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8



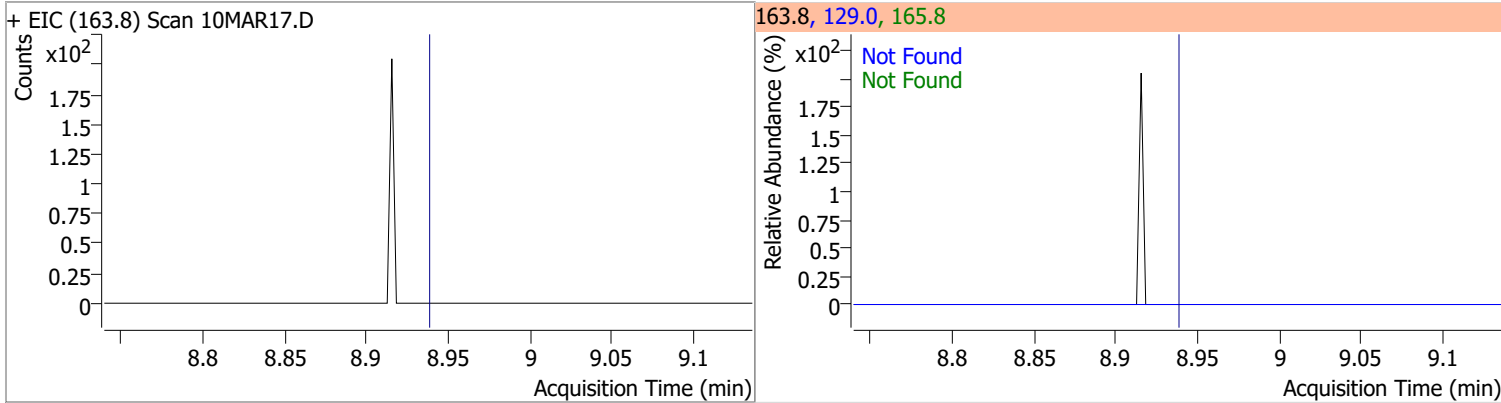
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9



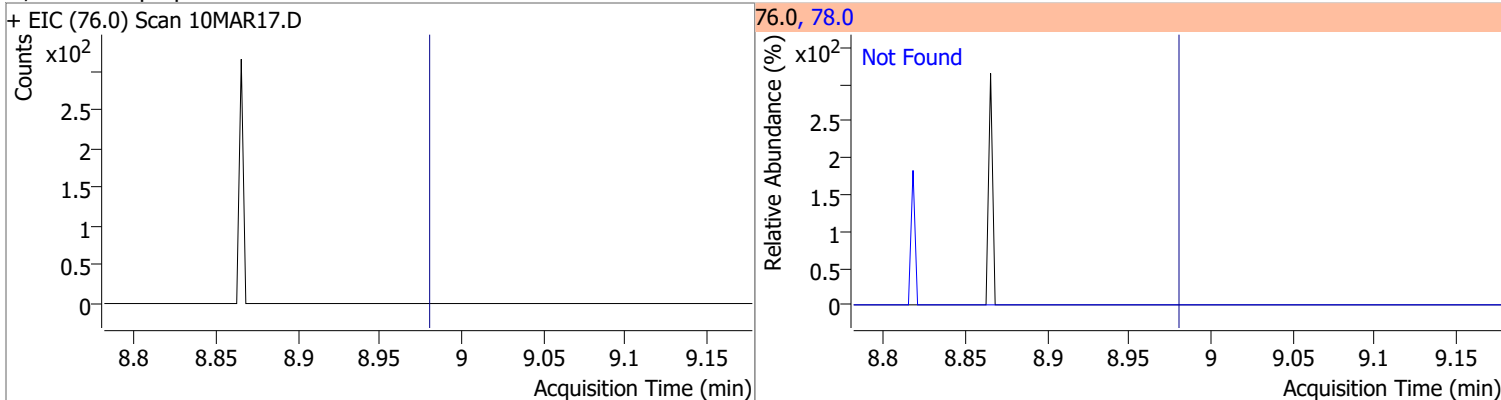


# Quantitation Results Report (QT Reviewed)

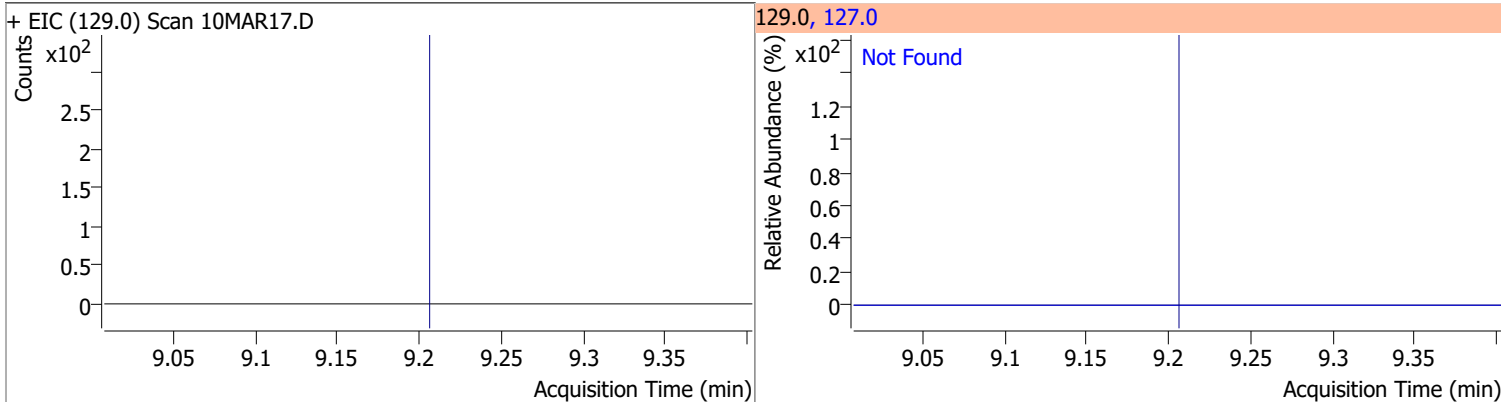
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



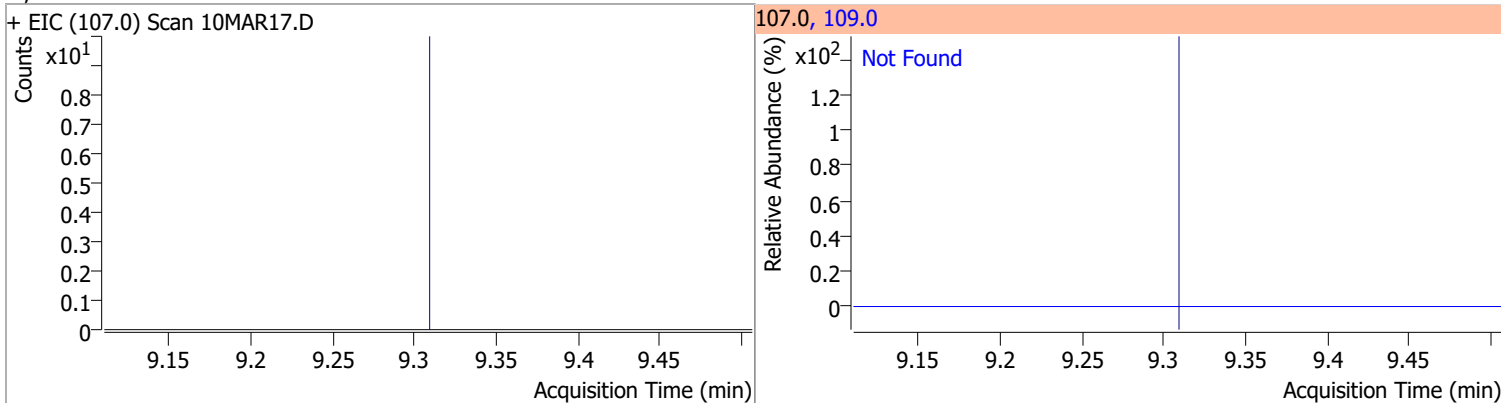
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



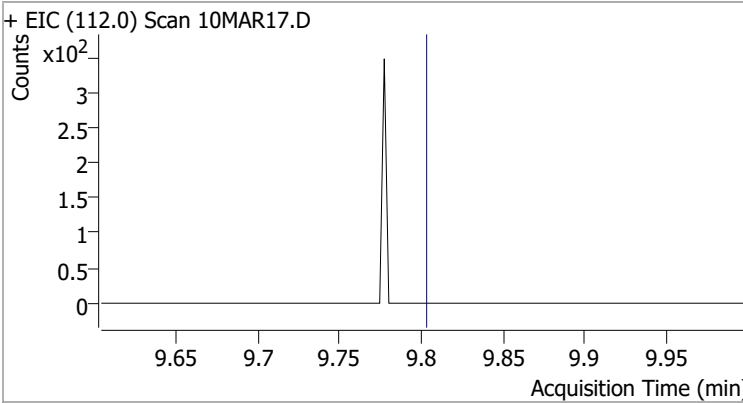
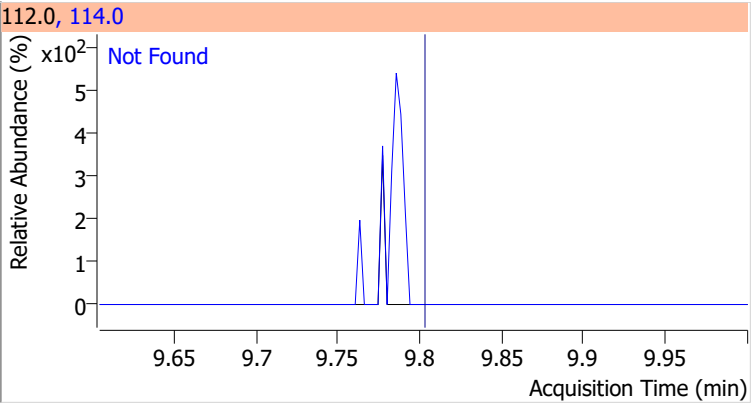
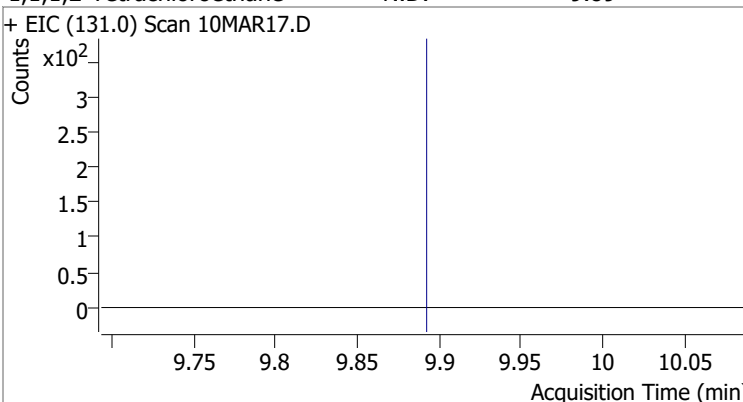
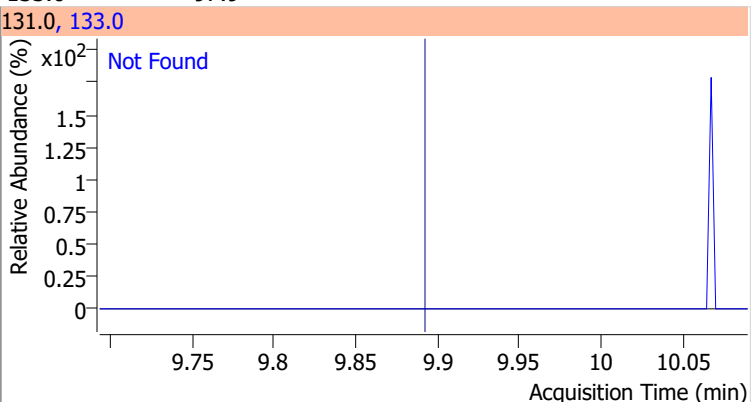
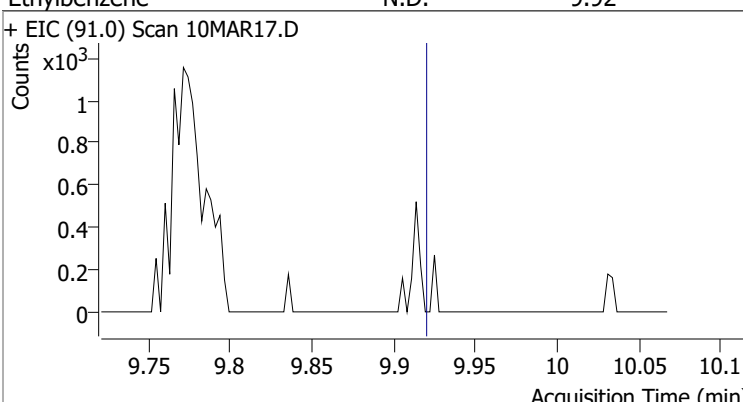
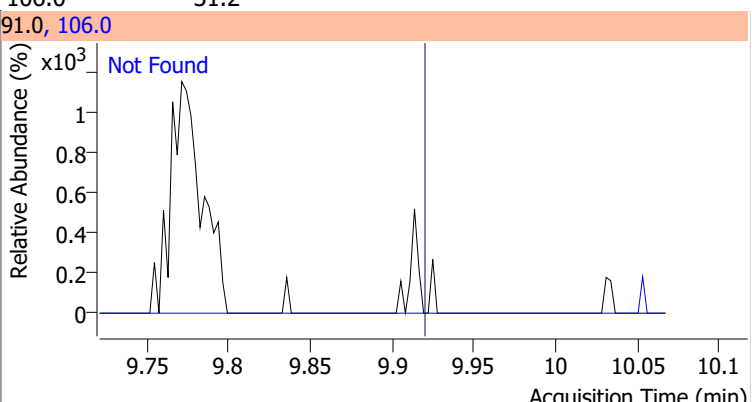
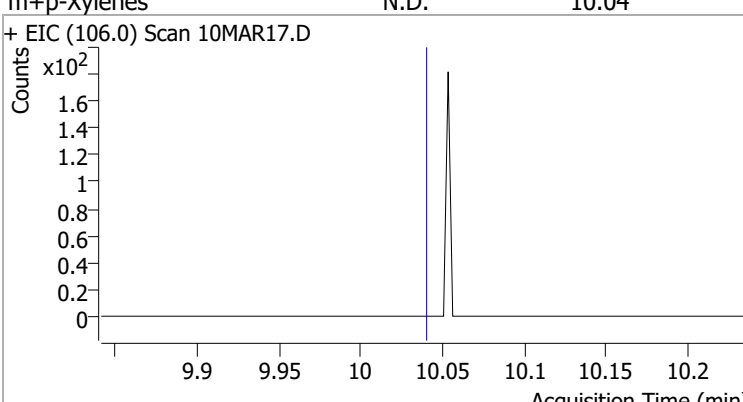
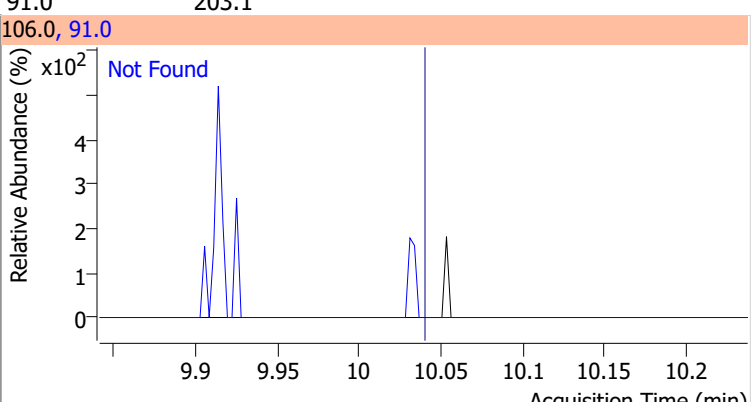
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



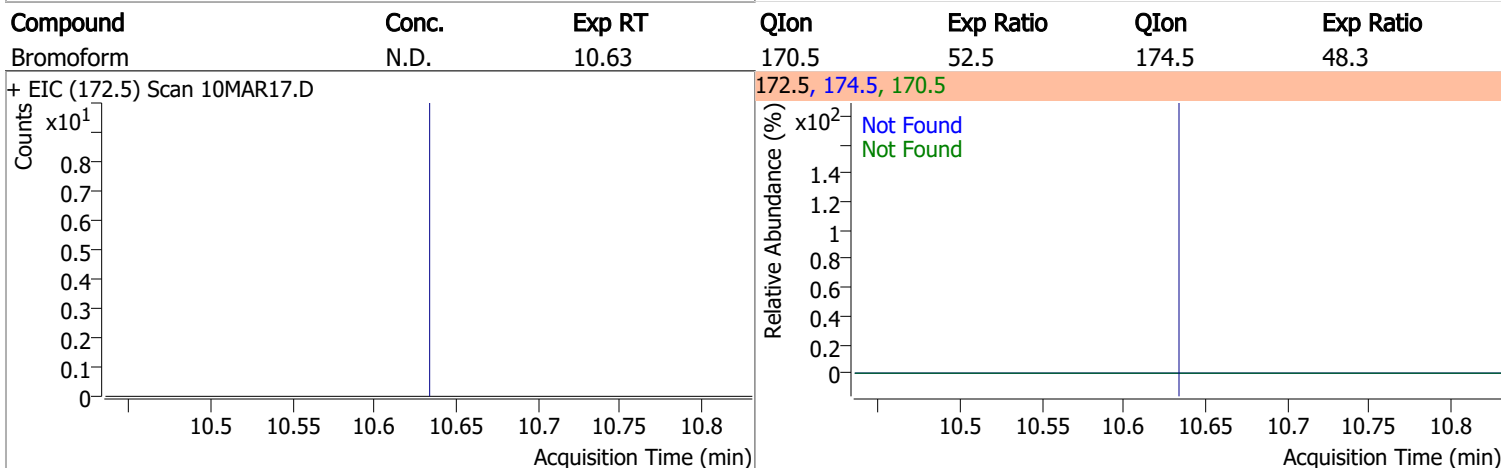
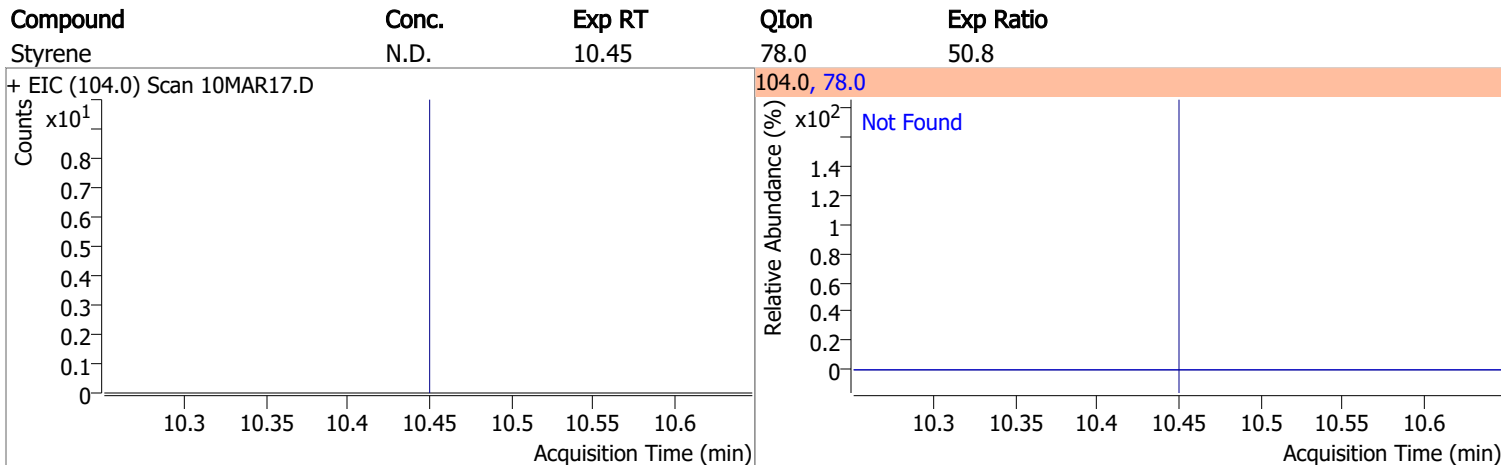
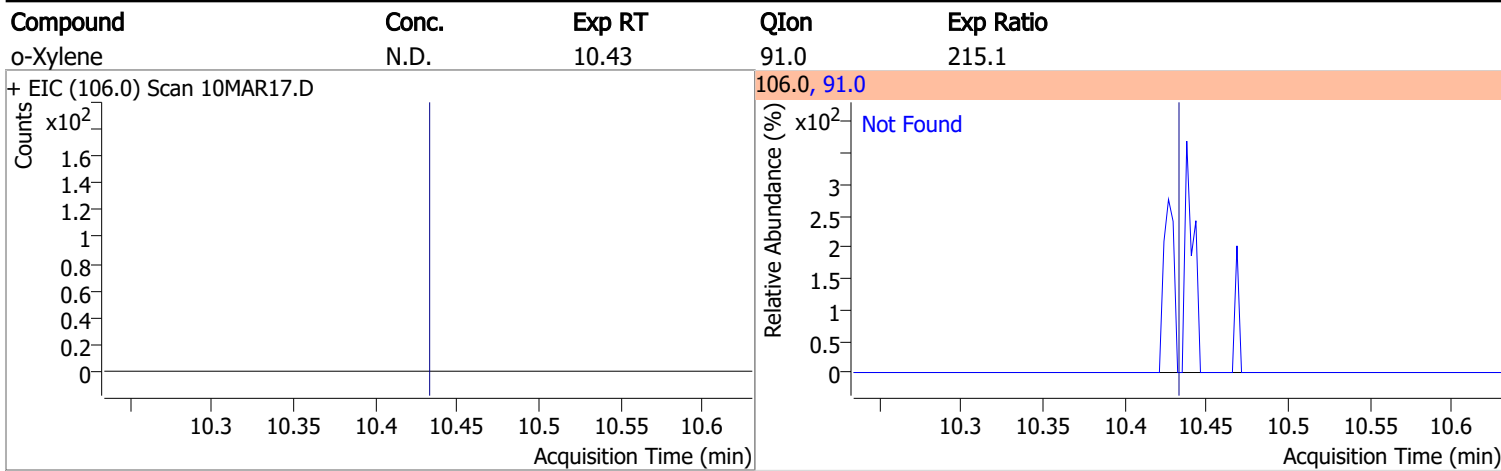
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4



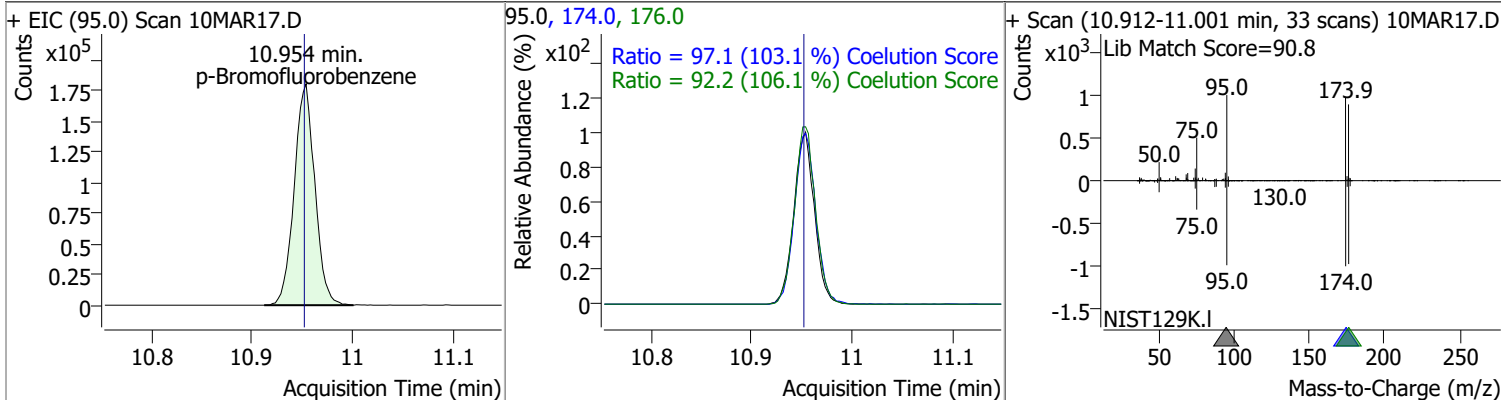
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR17.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR17.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR17.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR17.D			106.0, 91.0	
				

# Quantitation Results Report (QT Reviewed)



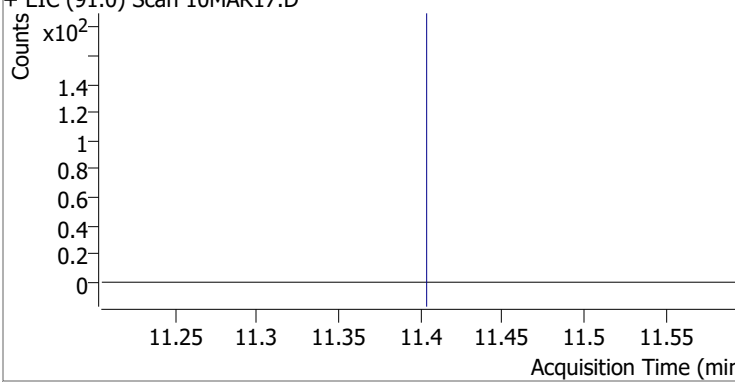
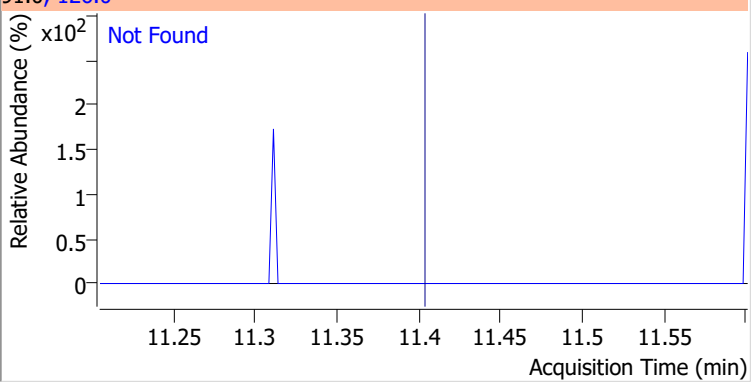
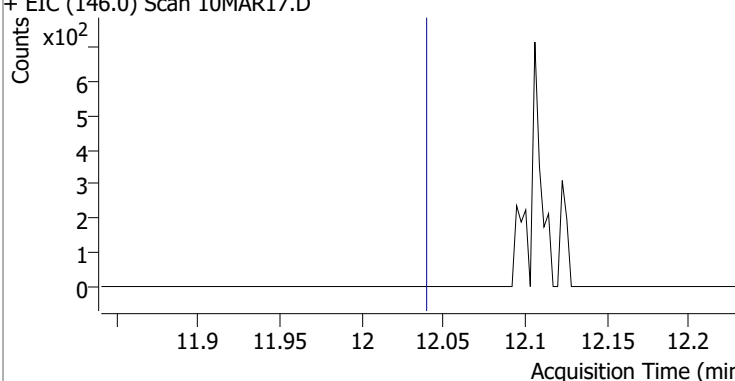
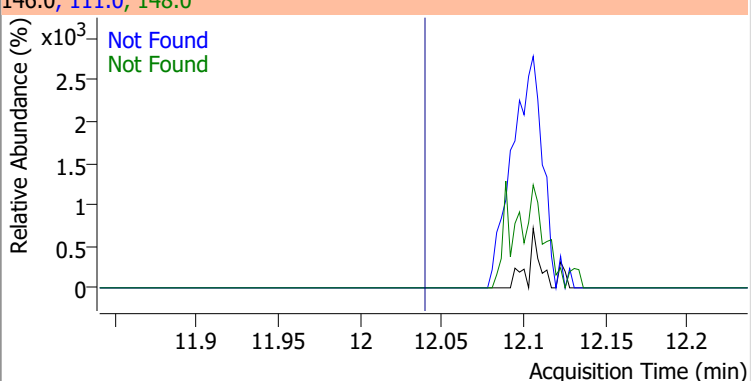
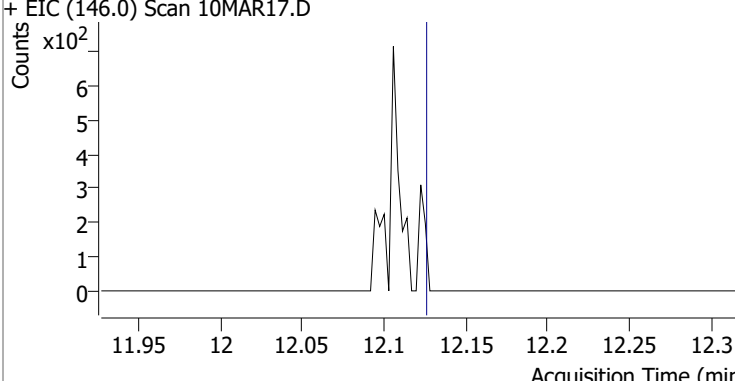
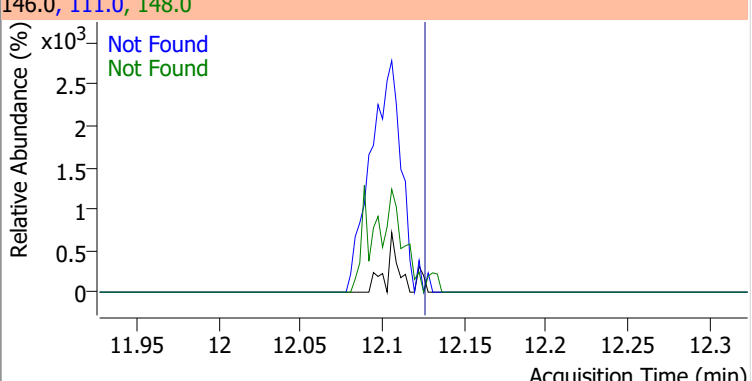
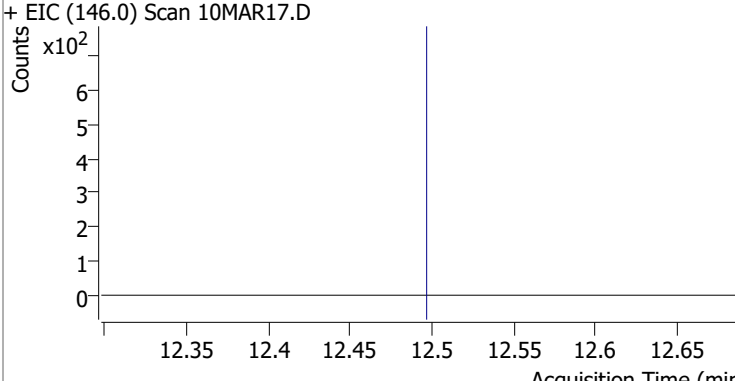
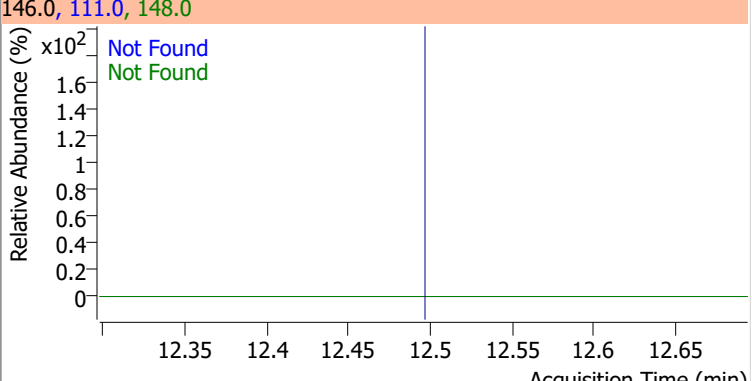
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.0138	10.95	0.01	257811	174.0	97.1	64.2	124.2
					176.0	92.2	56.9	116.9



# Quantitation Results Report (QT Reviewed)

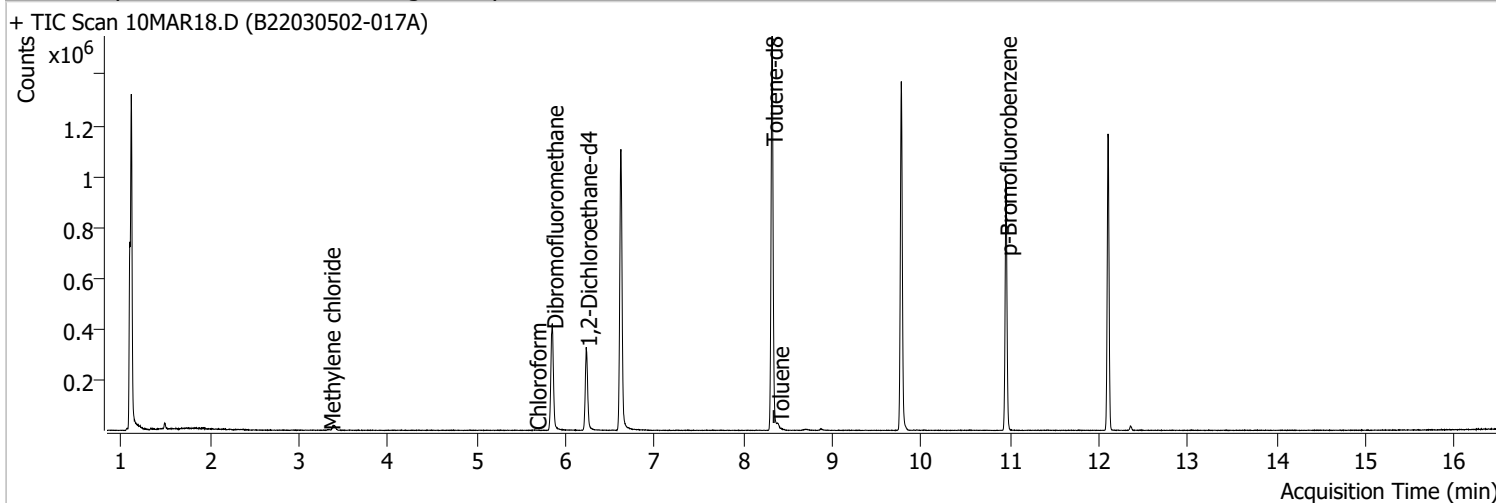
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR17.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR17.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR17.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR17.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR17.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR17.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR17.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR17.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR18.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 7:51:02 PM
Sample Name	B22030502-017A	Instrument	VOA5975C
Vial	18	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



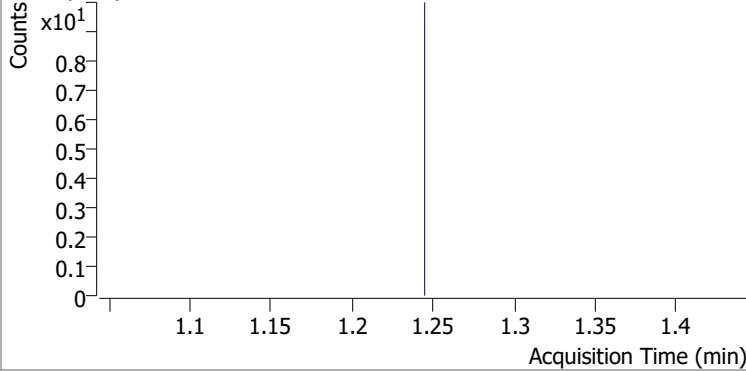
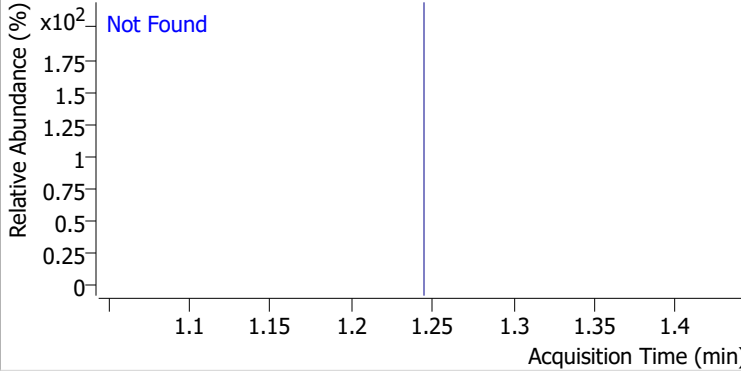
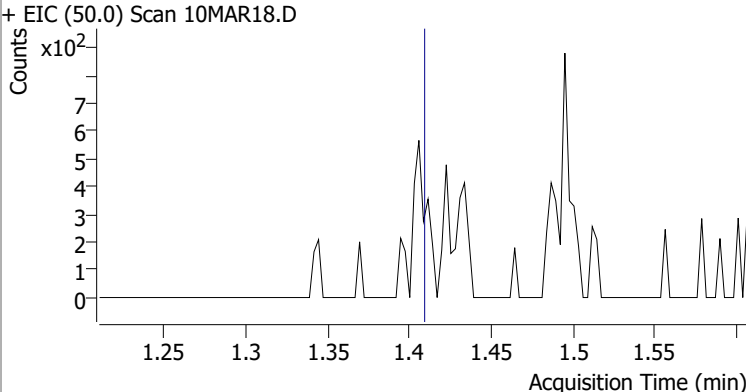
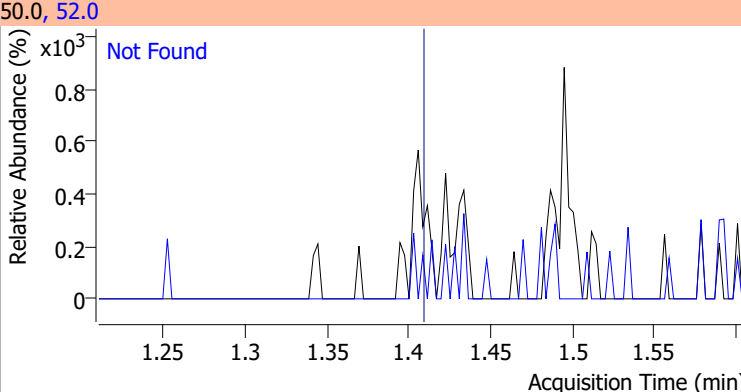
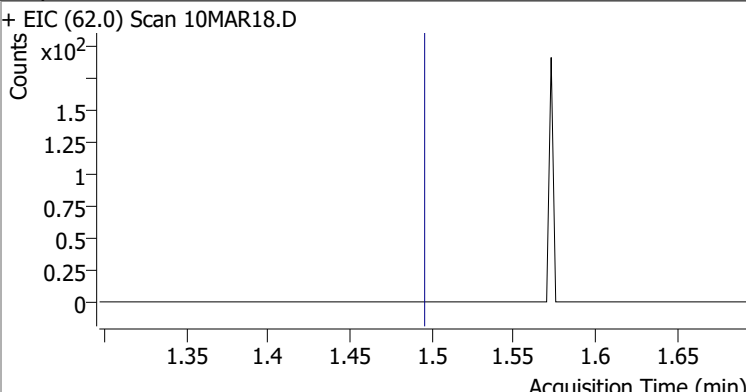
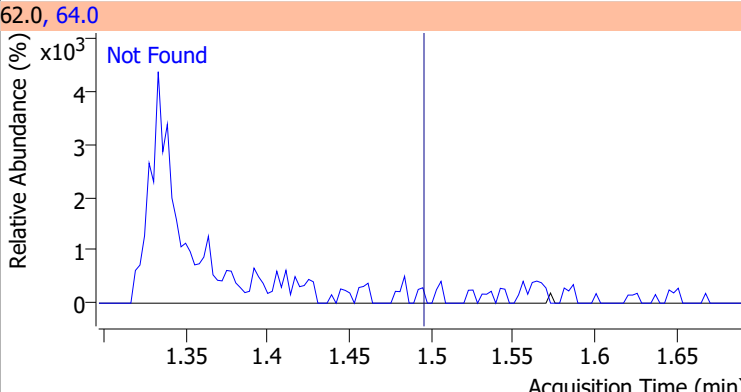
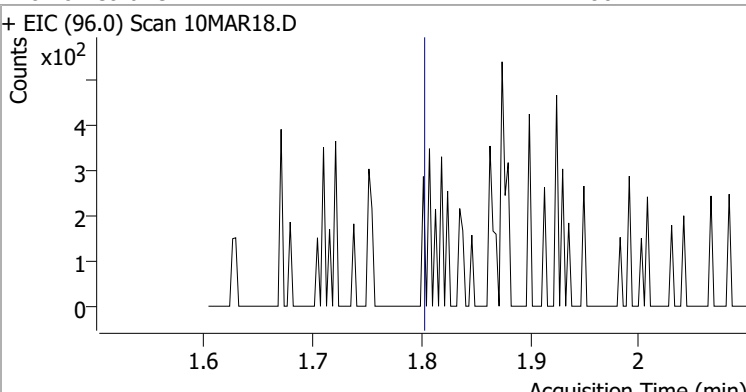
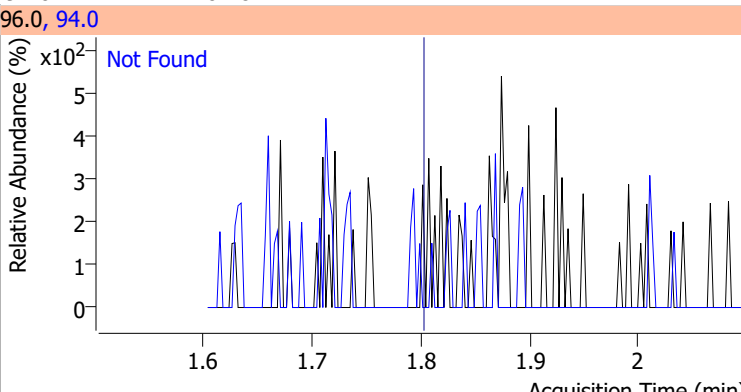
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	916895	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	374235	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	267463	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.851	113.0	249348	267.6440	ng	0.008
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.06%		
S 1,2-Dichloroethane-d4	6.230	67.0	113461	272.8399	ng	-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 109.14%		
S Toluene-d8	8.319	98.0	928226	232.6964	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 93.08%		
S p-Bromofluorobenzene	10.951	95.0	267951	271.6945	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 108.68%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	0.000		0	N.D.		
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.341	49.0	1803	1.2765	ng m	85
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.658	83.0	1091	0.6003	ng m	71

# Quantitation Results Report (QT Reviewed)

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	5414	2.1926	ng	98
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	10.042	106.0	0		ng	md 1
T o-Xylene	0.000		0	N.D.		
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

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

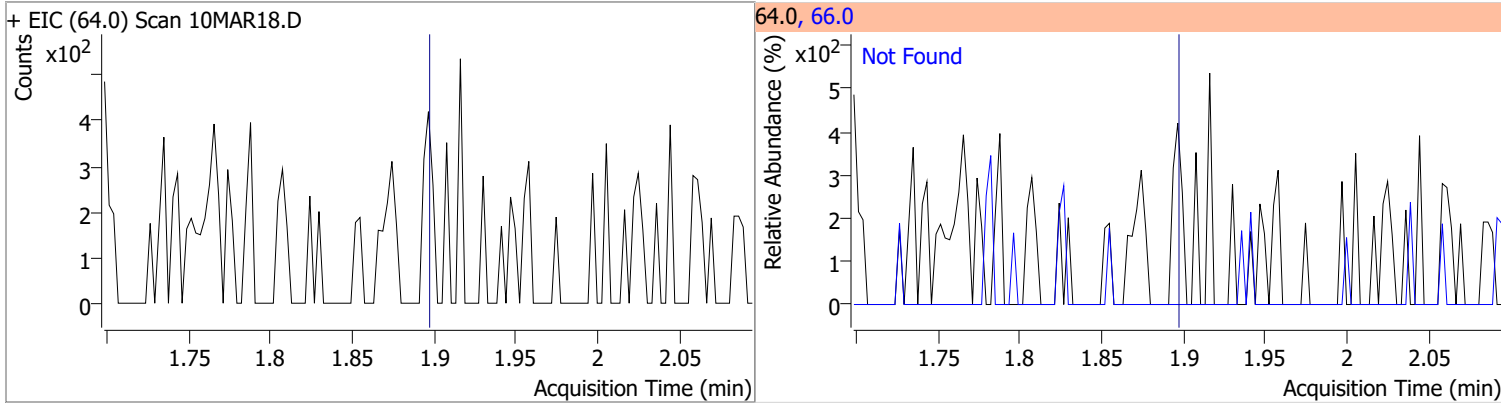
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5
+ EIC (85.0) Scan 10MAR18.D ***NO DATA POINTS***			85.0, 87.0	
				
Chloromethane	N.D.	1.41	52.0	33.0
+ EIC (50.0) Scan 10MAR18.D			50.0, 52.0	
				
Vinyl chloride	N.D.	1.49	64.0	30.6
+ EIC (62.0) Scan 10MAR18.D			62.0, 64.0	
				
Bromomethane	N.D.	1.80	94.0	104.8
+ EIC (96.0) Scan 10MAR18.D			96.0, 94.0	
				

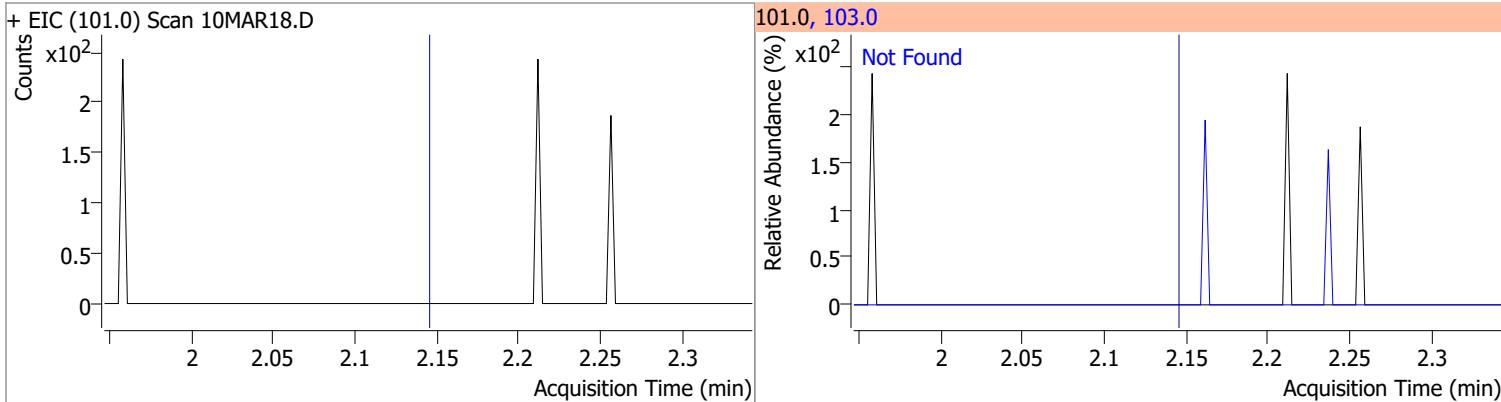


# Quantitation Results Report (QT Reviewed)

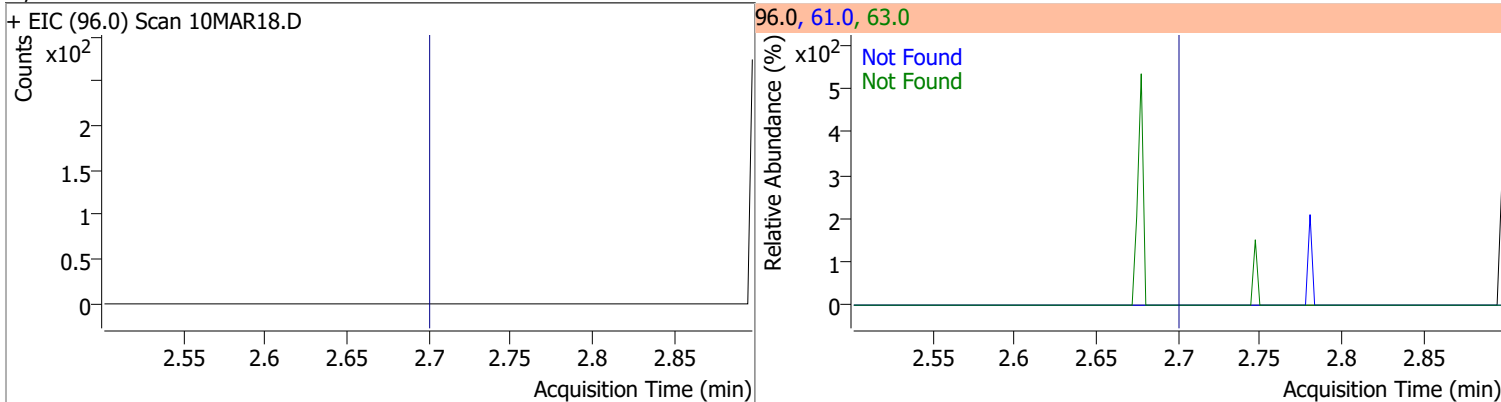
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



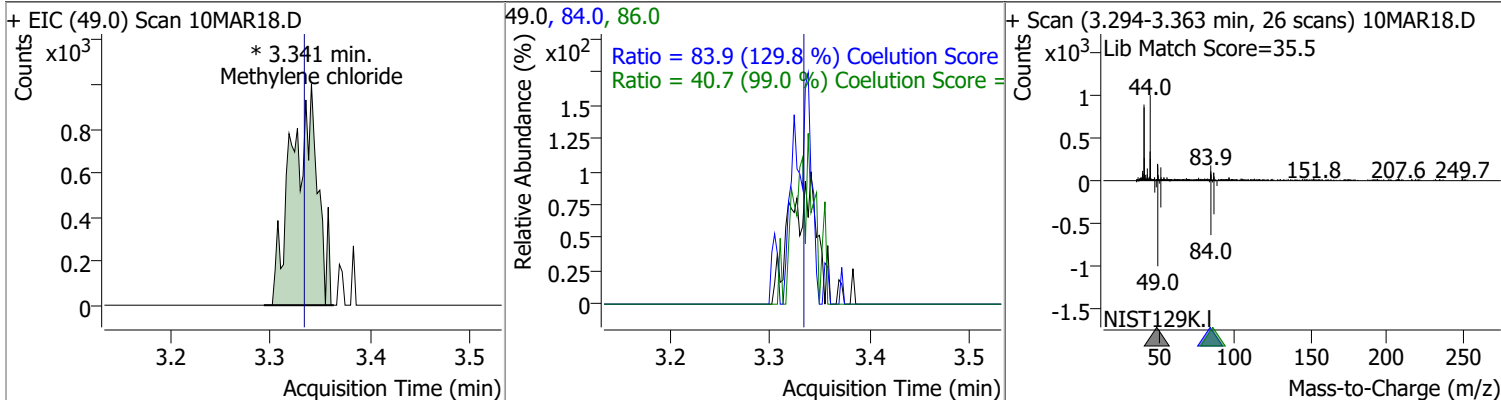
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



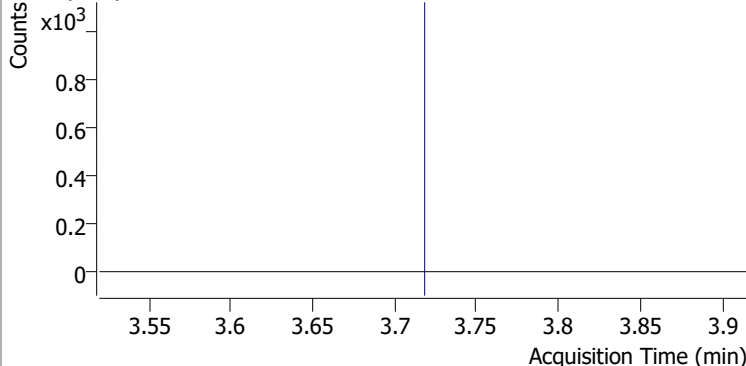
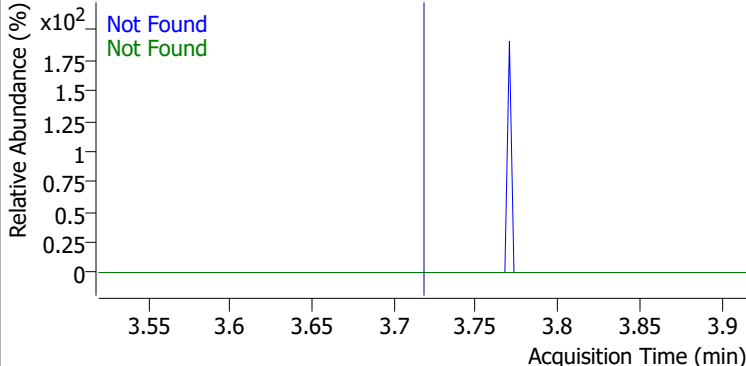
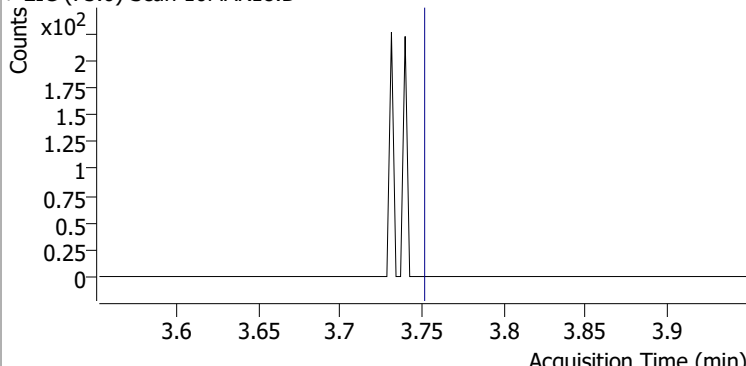
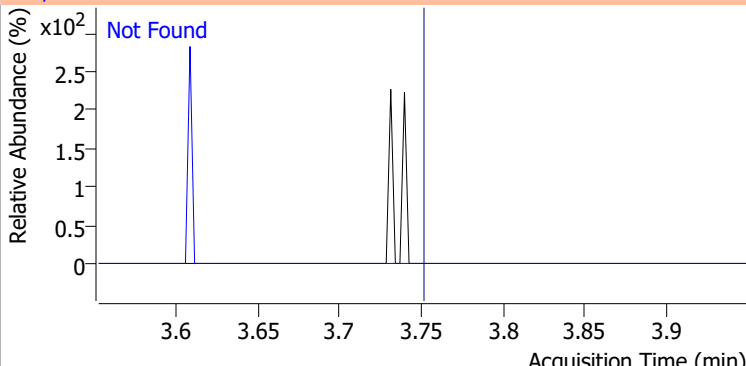
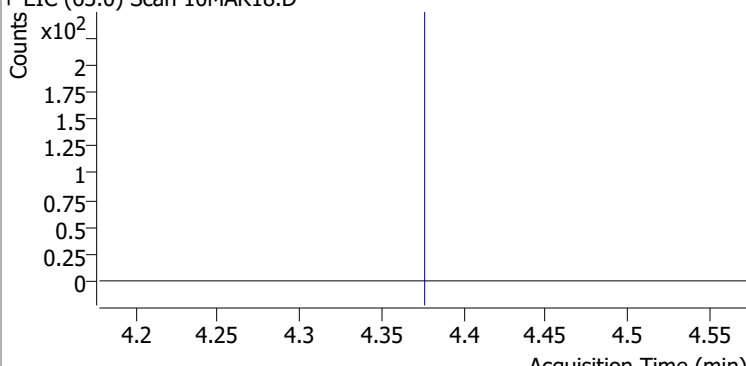
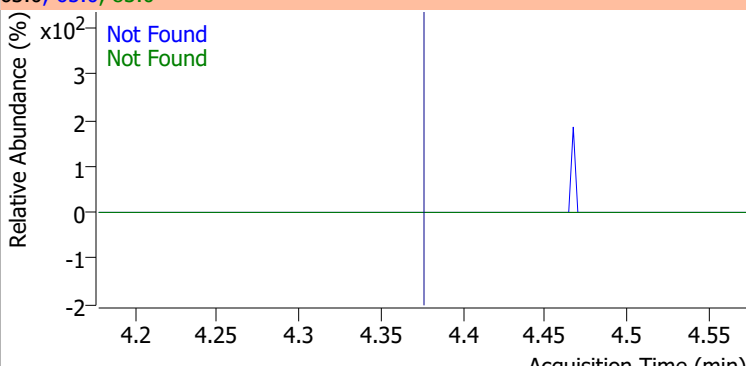
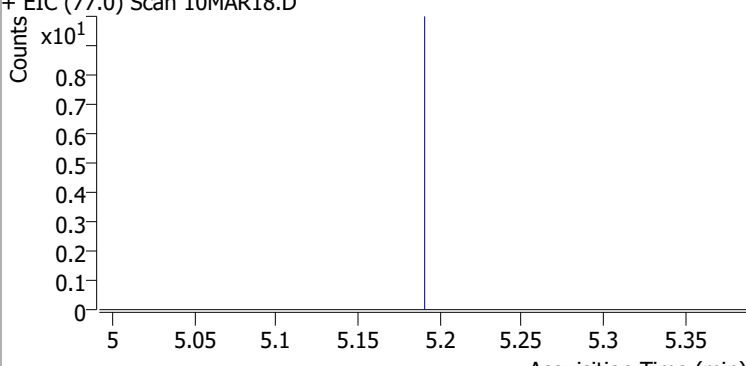
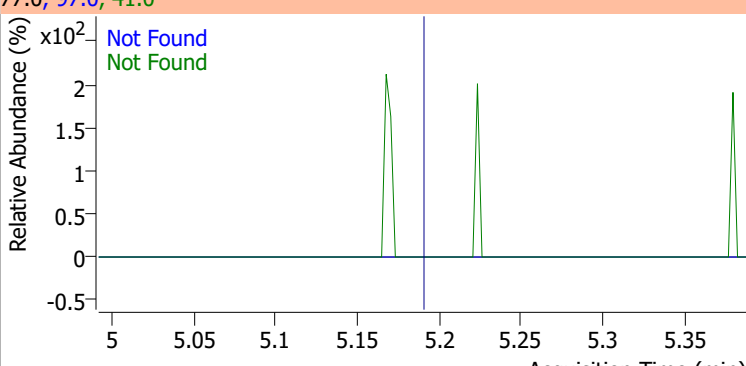
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.2765	3.34	0.01	1803 (m)	84.0	83.9	34.7	94.7
					86.0	40.7	11.1	71.1

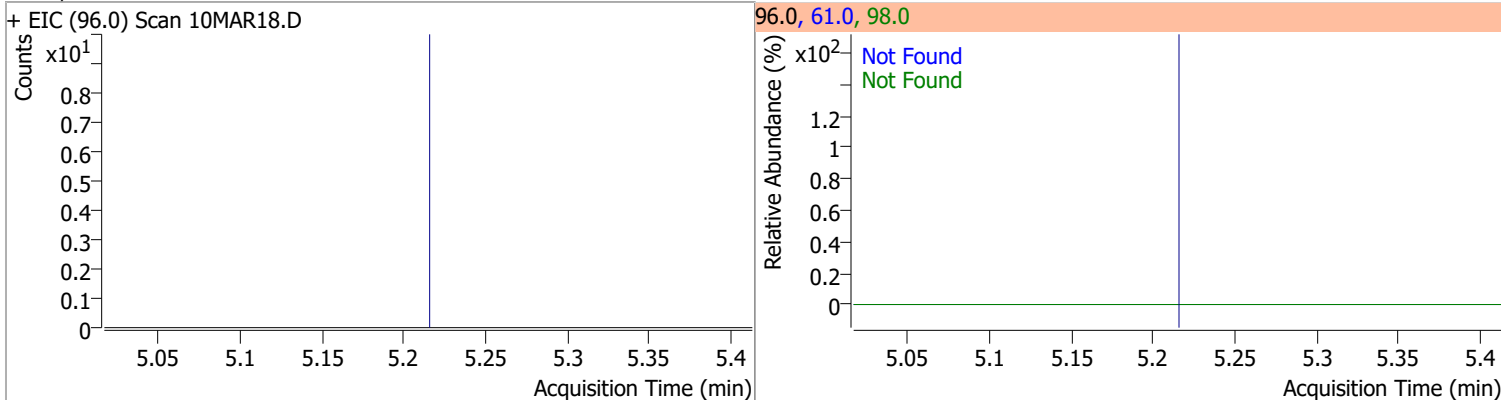


# Quantitation Results Report (QT Reviewed)

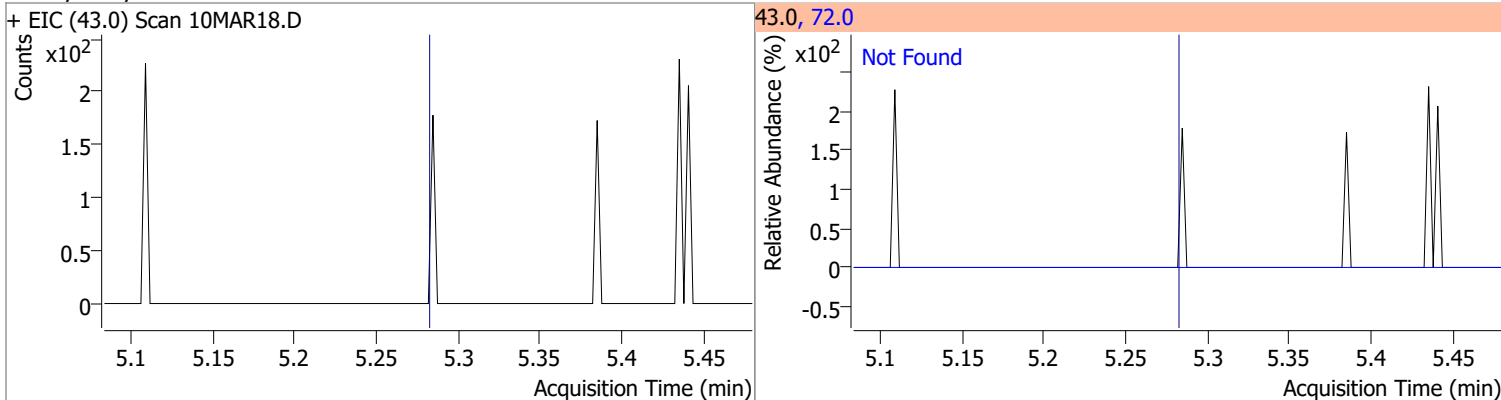
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9
+ EIC (96.0) Scan 10MAR18.D			96.0, 61.0, 98.0			
						
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3		
+ EIC (73.0) Scan 10MAR18.D			73.0, 57.0			
						
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9
+ EIC (63.0) Scan 10MAR18.D			63.0, 65.0, 83.0			
						
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4
+ EIC (77.0) Scan 10MAR18.D			77.0, 97.0, 41.0			
						

# Quantitation Results Report (QT Reviewed)

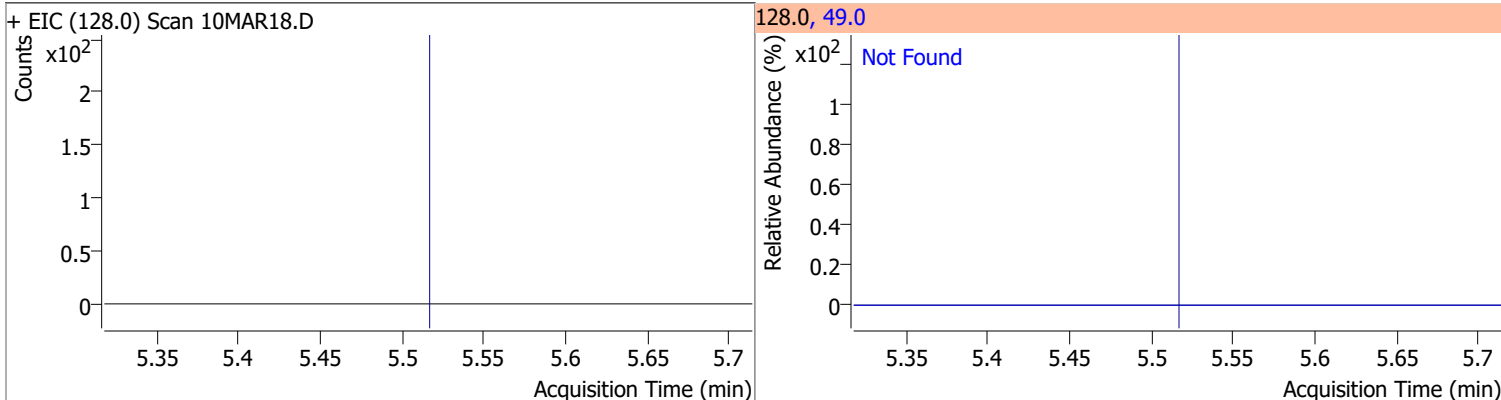
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



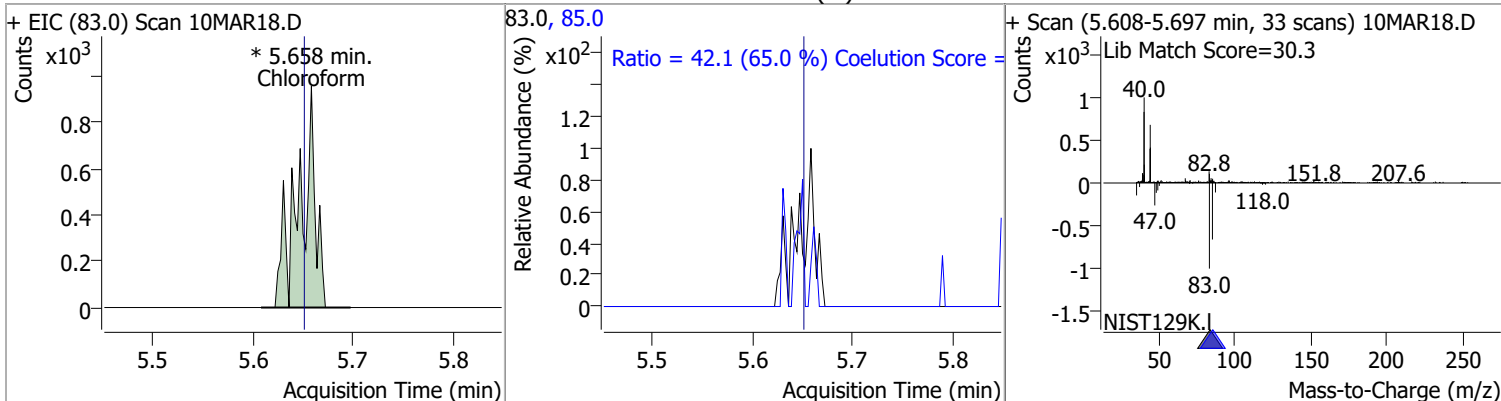
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



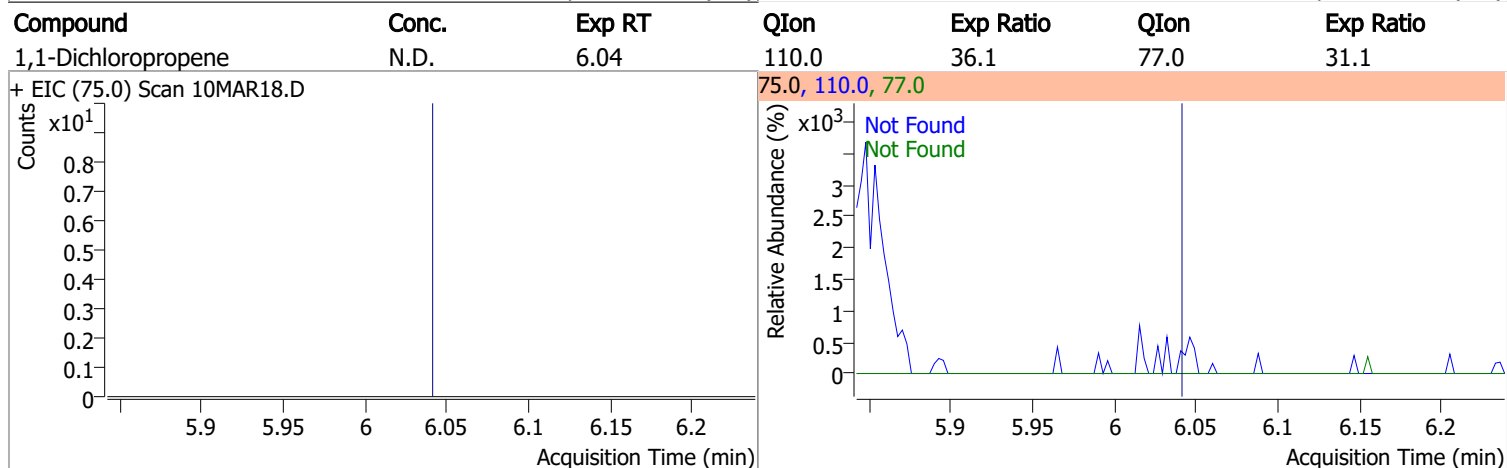
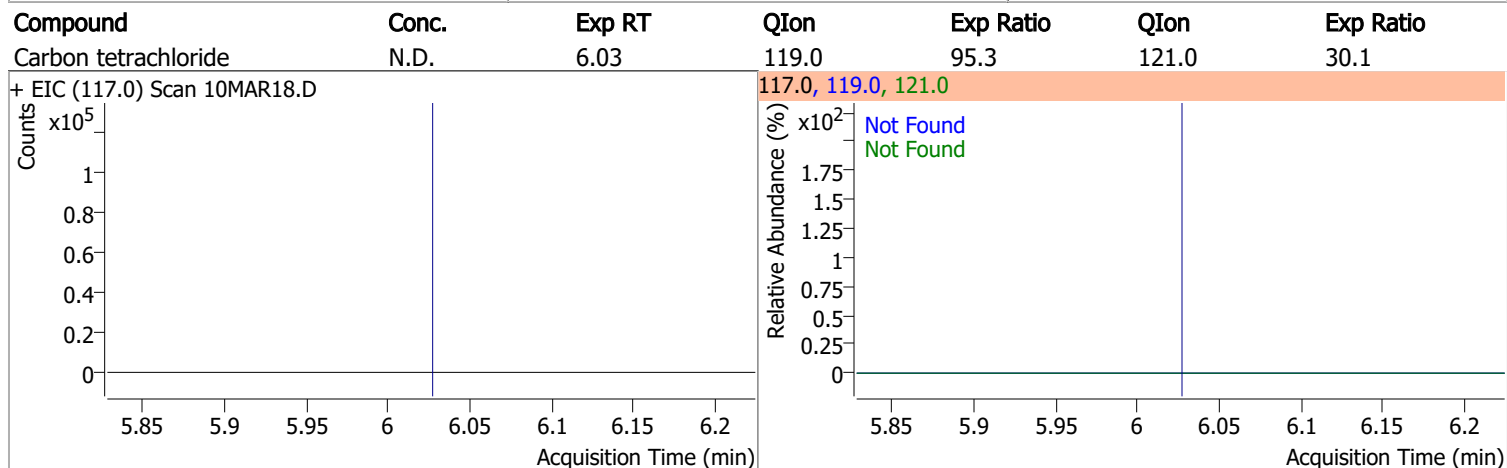
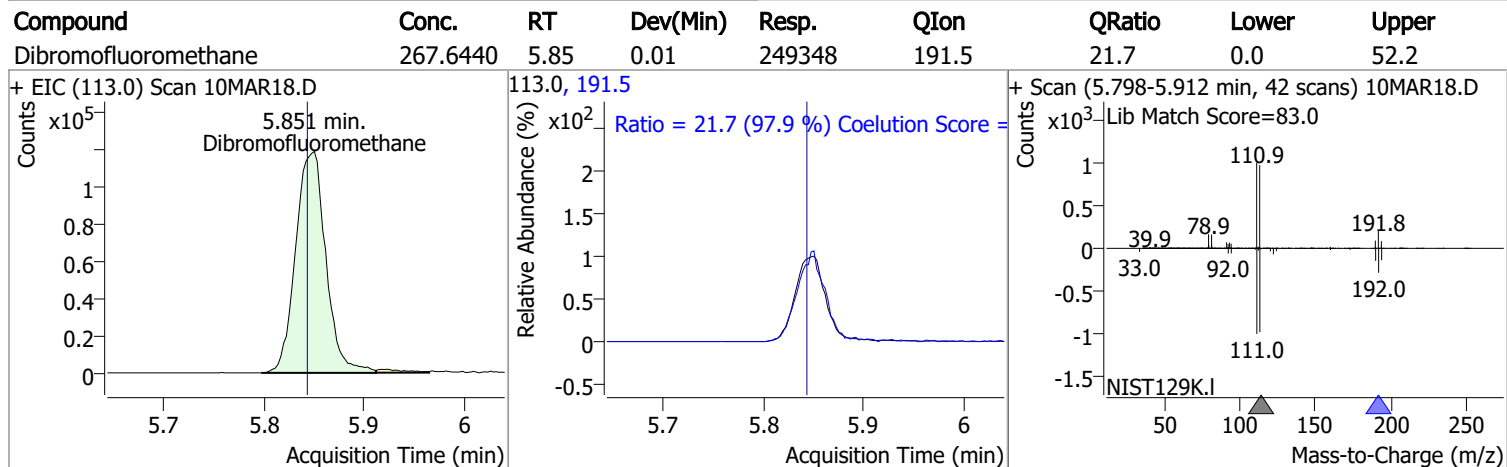
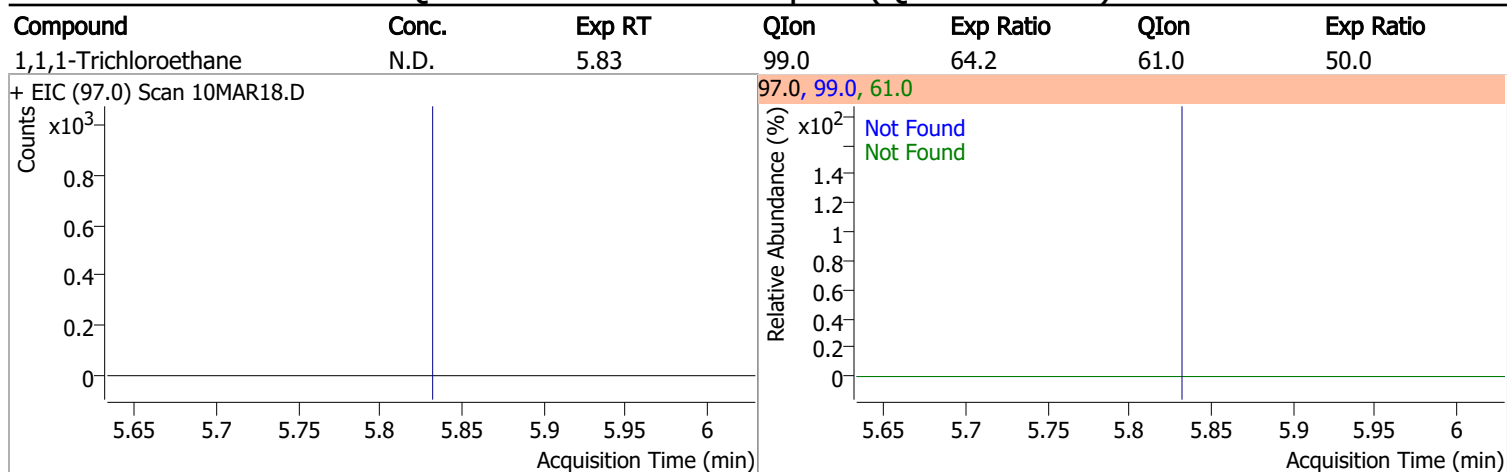
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.6003	5.66	0.01	1091 (m)	85.0	42.1	34.7	94.7

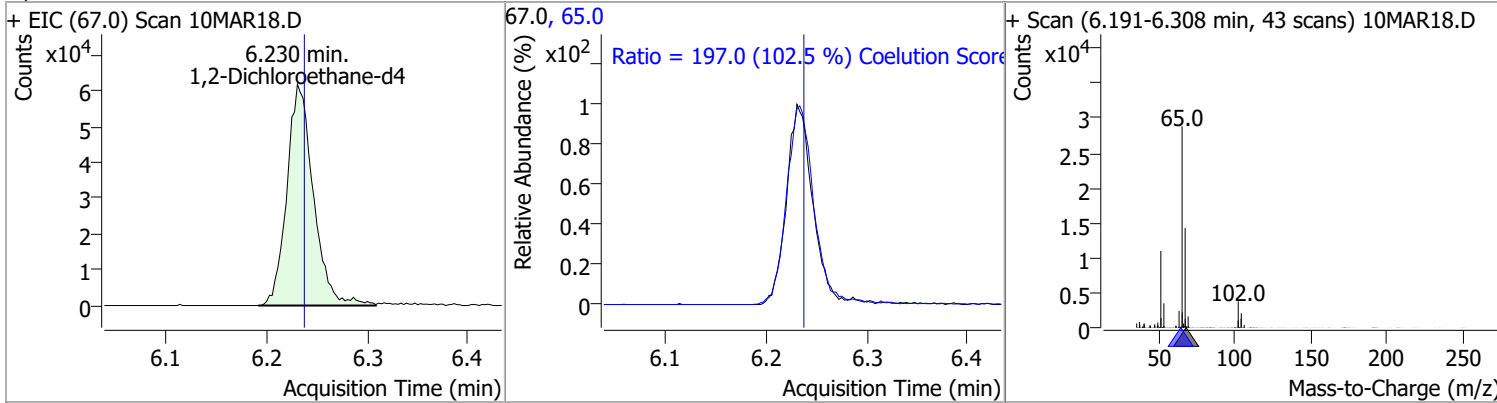


# Quantitation Results Report (QT Reviewed)

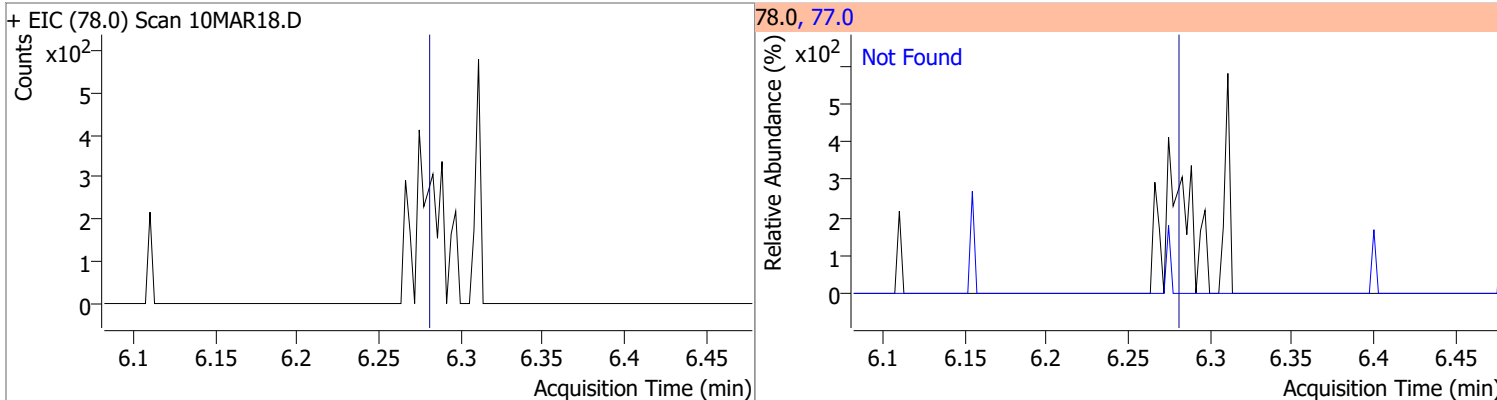


# Quantitation Results Report (QT Reviewed)

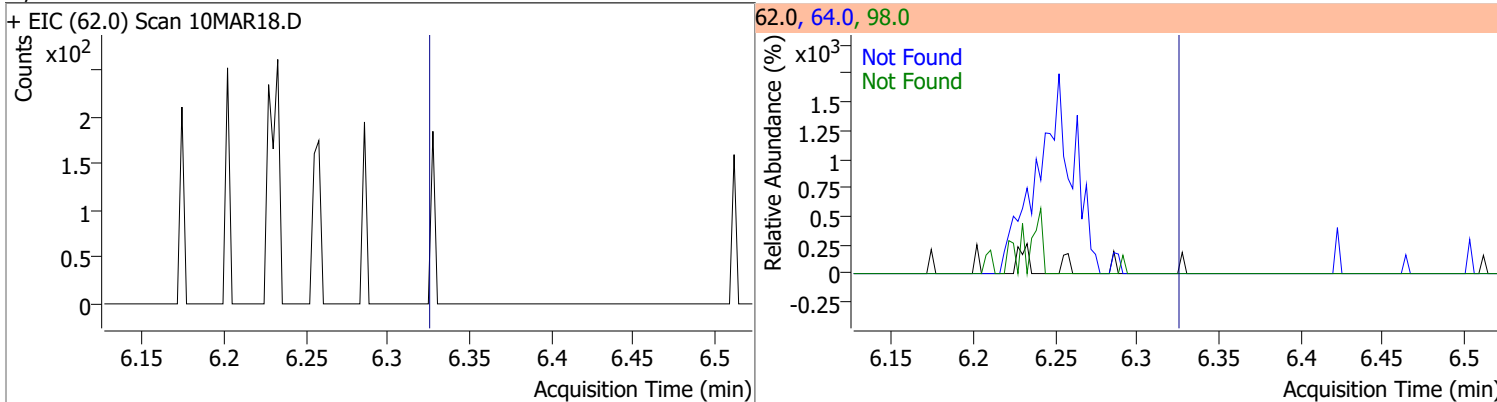
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	272.8399	6.23	-0.01	113461	65.0	197.0	162.2	222.2



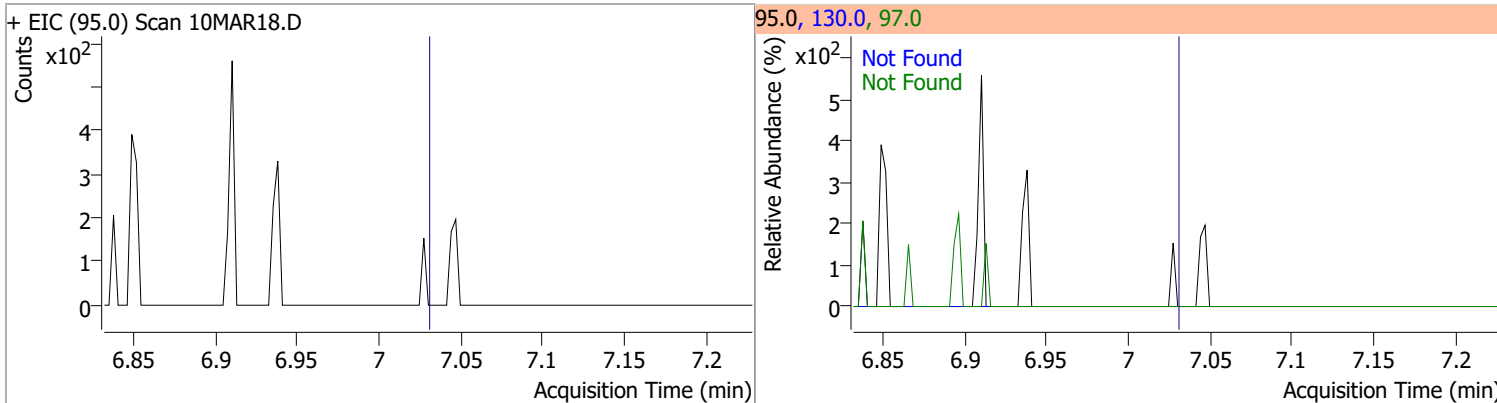
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



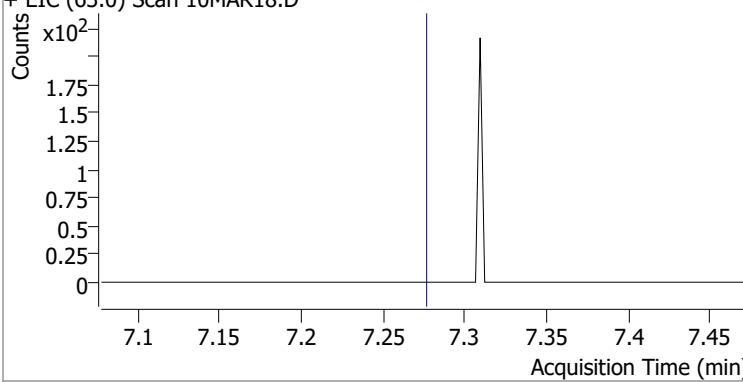
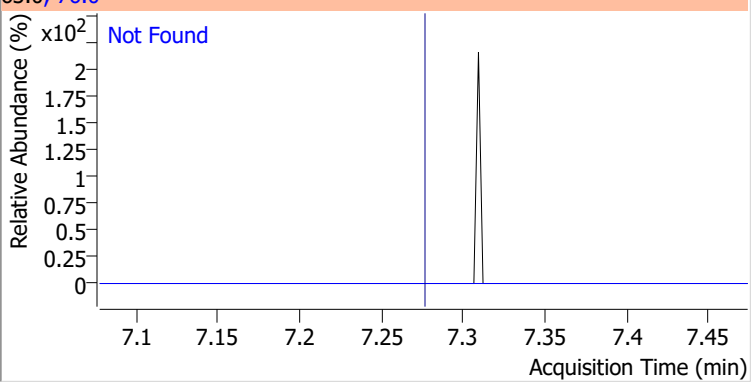
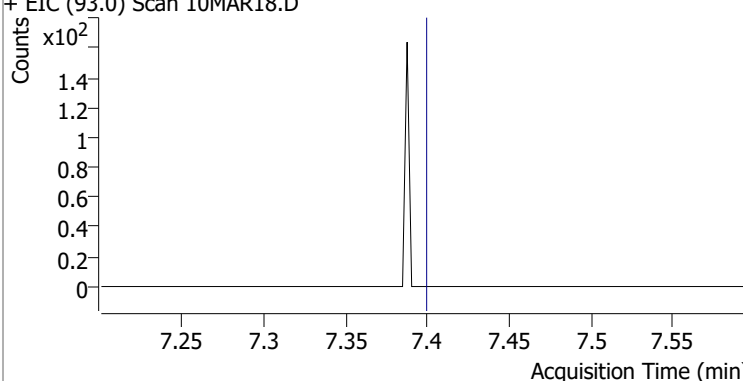
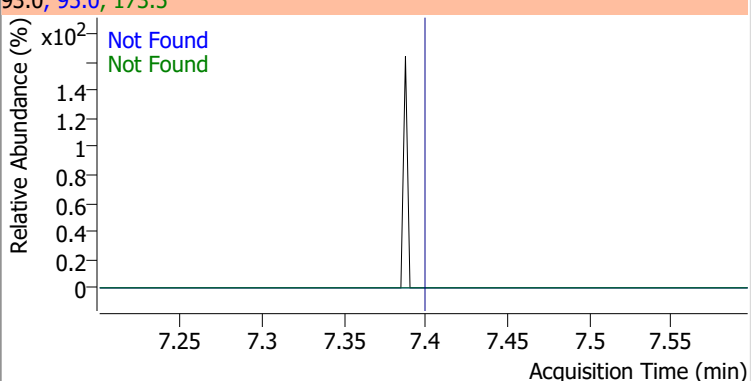
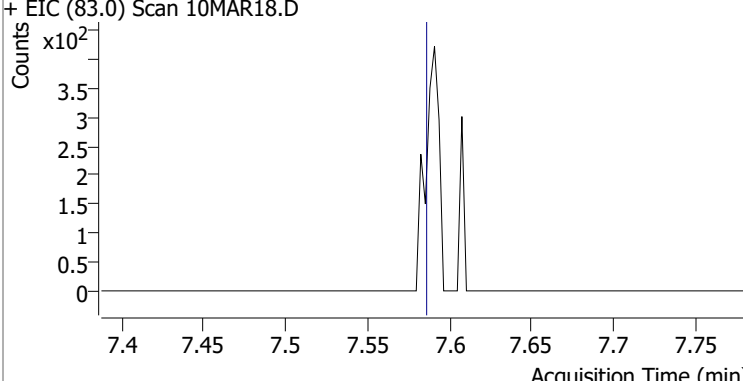
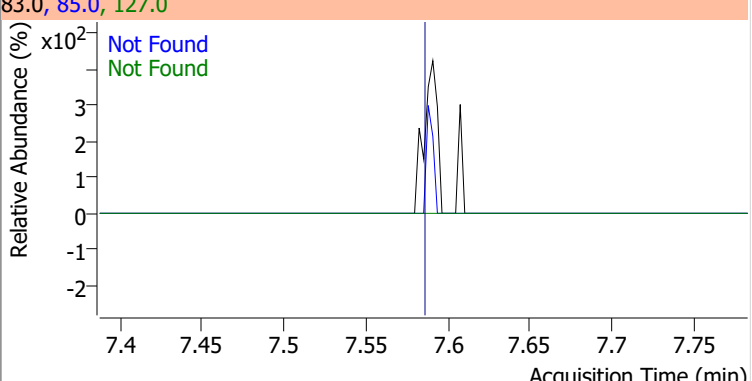
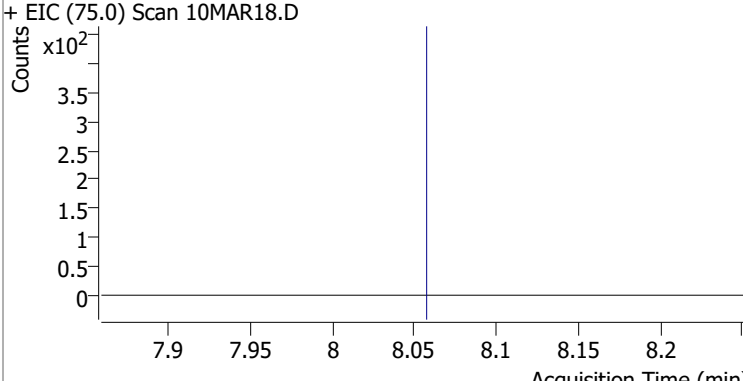
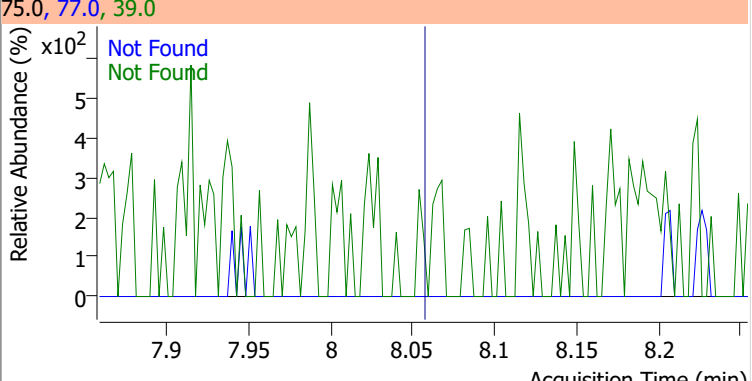
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

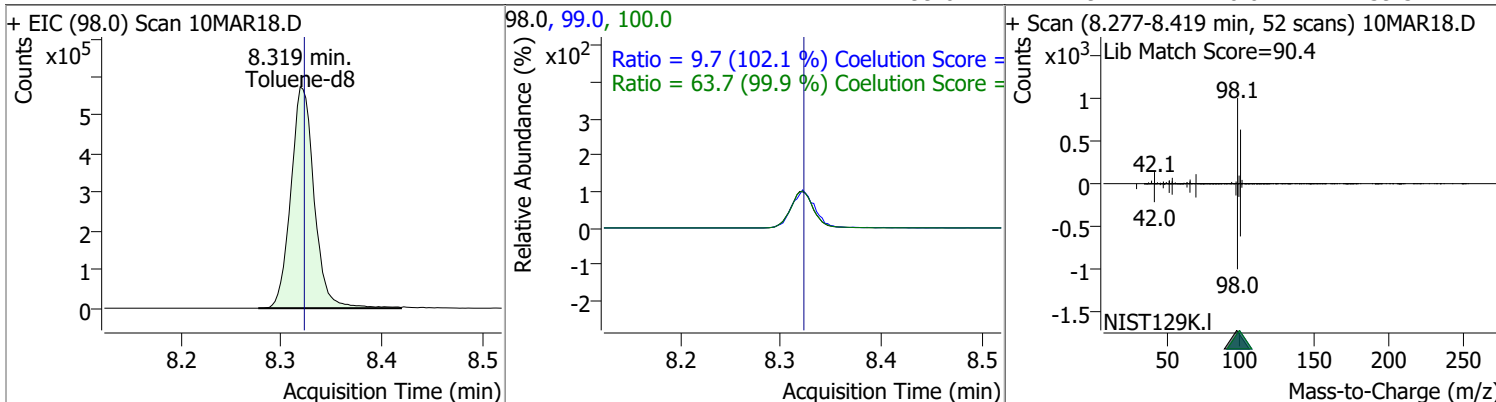


# Quantitation Results Report (QT Reviewed)

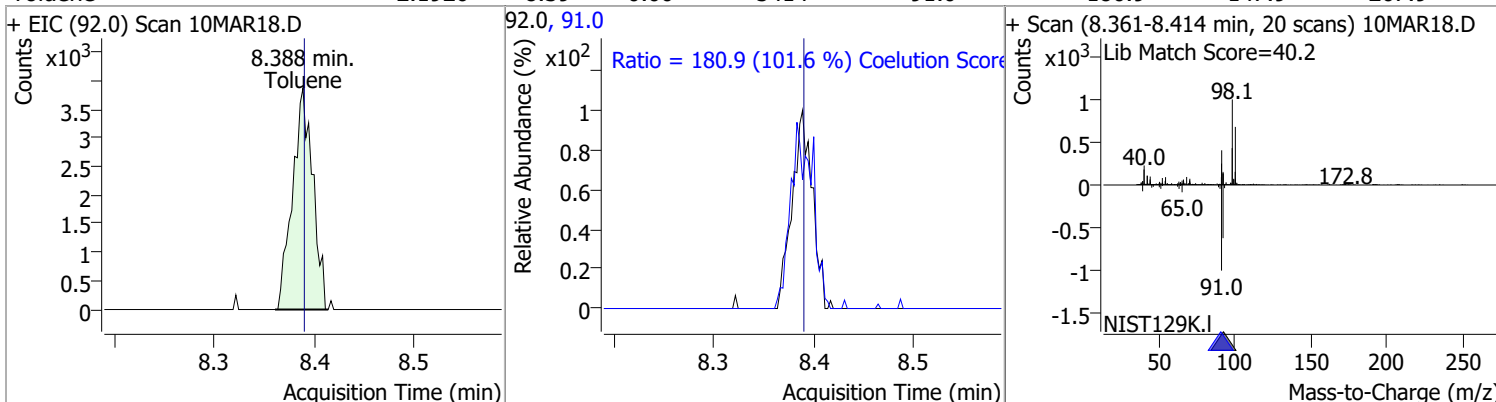
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR18.D			63.0, 76.0			
						
Dibromomethane	N.D.	7.40	173.5	108.6	95.0	84.5
+ EIC (93.0) Scan 10MAR18.D			93.0, 95.0, 173.5			
						
Bromodichloromethane	N.D.	7.59	85.0	63.2	127.0	9.4
+ EIC (83.0) Scan 10MAR18.D			83.0, 85.0, 127.0			
						
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	77.0	32.0
+ EIC (75.0) Scan 10MAR18.D			75.0, 77.0, 39.0			
						

# Quantitation Results Report (QT Reviewed)

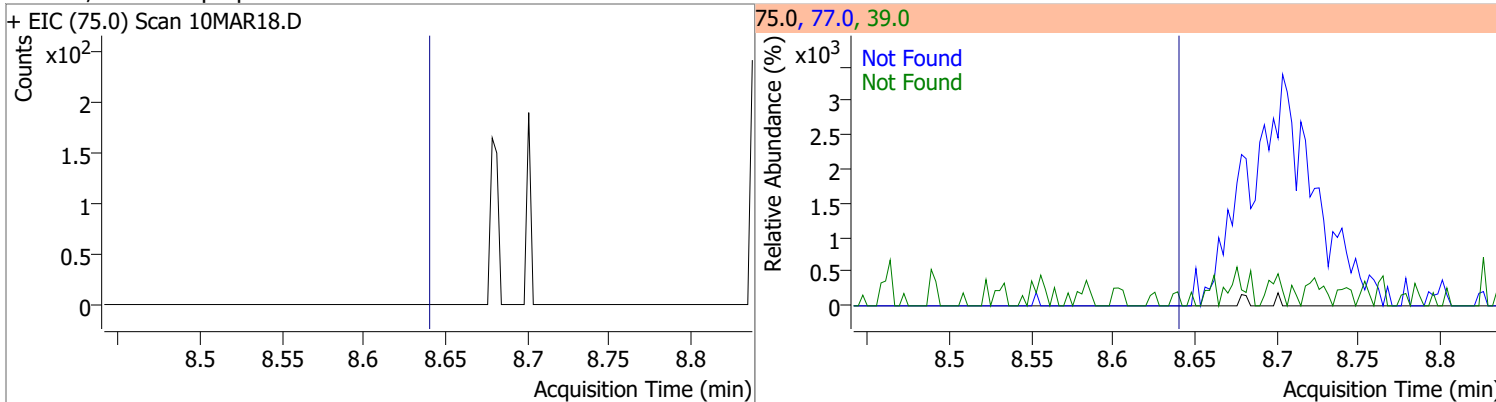
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	232.6964	8.32	0.00	928226	100.0	63.7	33.7	93.7
					99.0	9.7	0.0	39.5



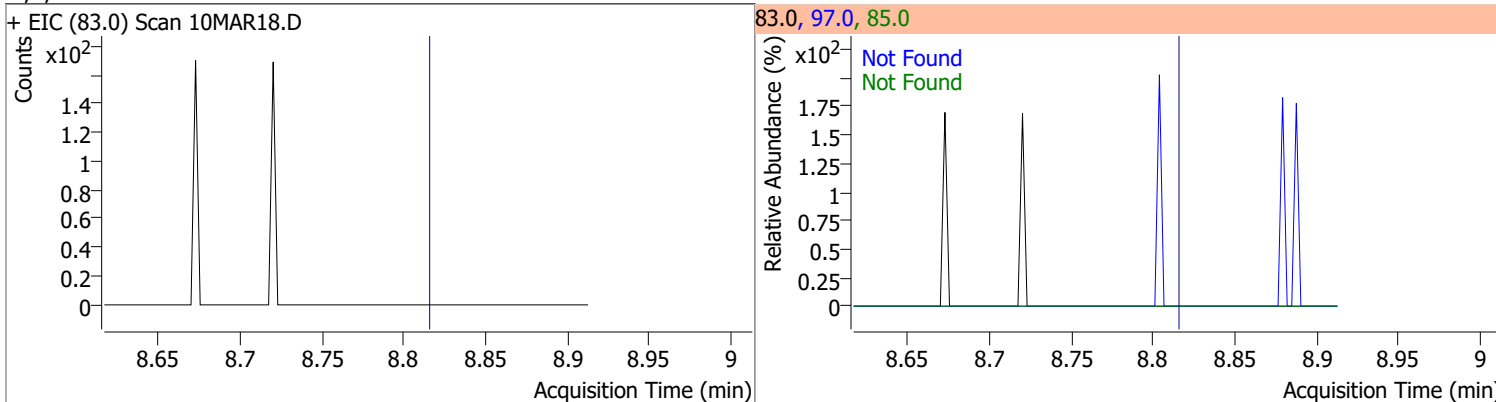
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.1926	8.39	0.00	5414	91.0	180.9	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9



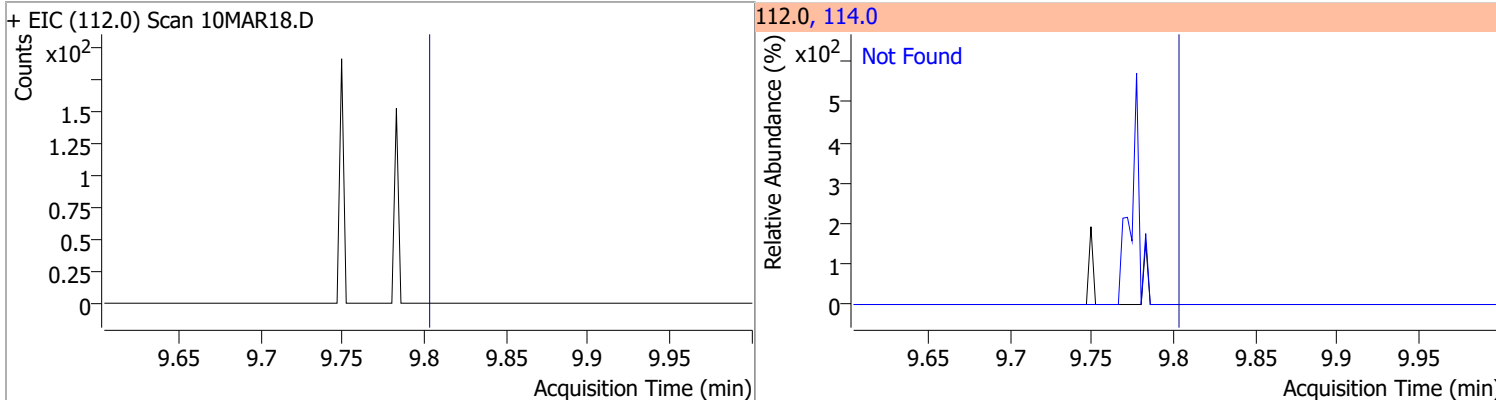
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6
+ EIC (163.8) Scan 10MAR18.D			163.8, 129.0, 165.8			
1,3-Dichloropropane	N.D.	8.98	78.0	31.3		
+ EIC (76.0) Scan 10MAR18.D			76.0, 78.0			
Chlorodibromomethane	N.D.	9.21	127.0	76.1		
+ EIC (129.0) Scan 10MAR18.D			129.0, 127.0			
1,2-Dibromoethane	N.D.	9.31	109.0	95.4		
+ EIC (107.0) Scan 10MAR18.D			107.0, 109.0			

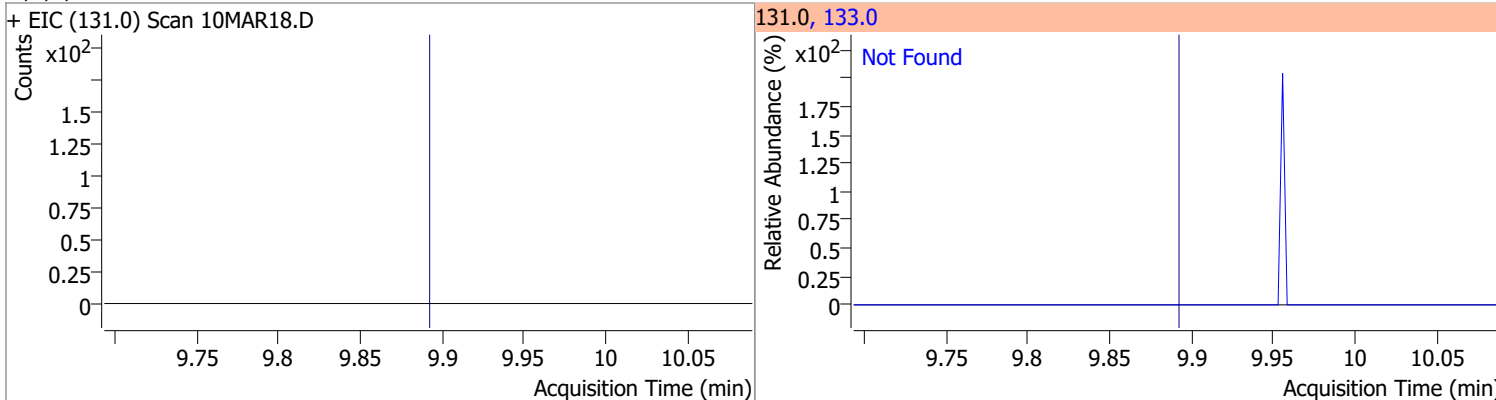


# Quantitation Results Report (QT Reviewed)

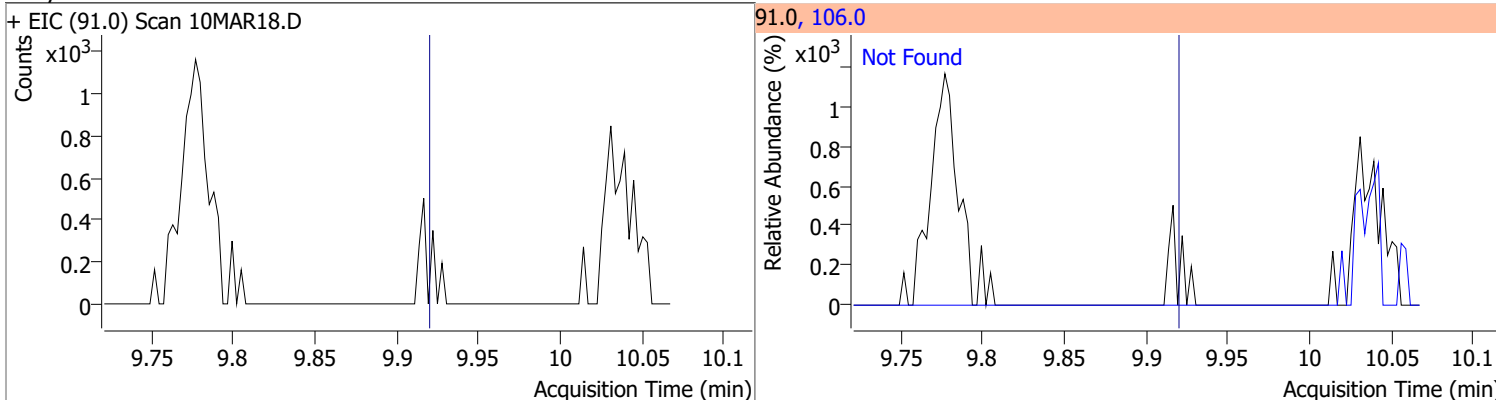
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6



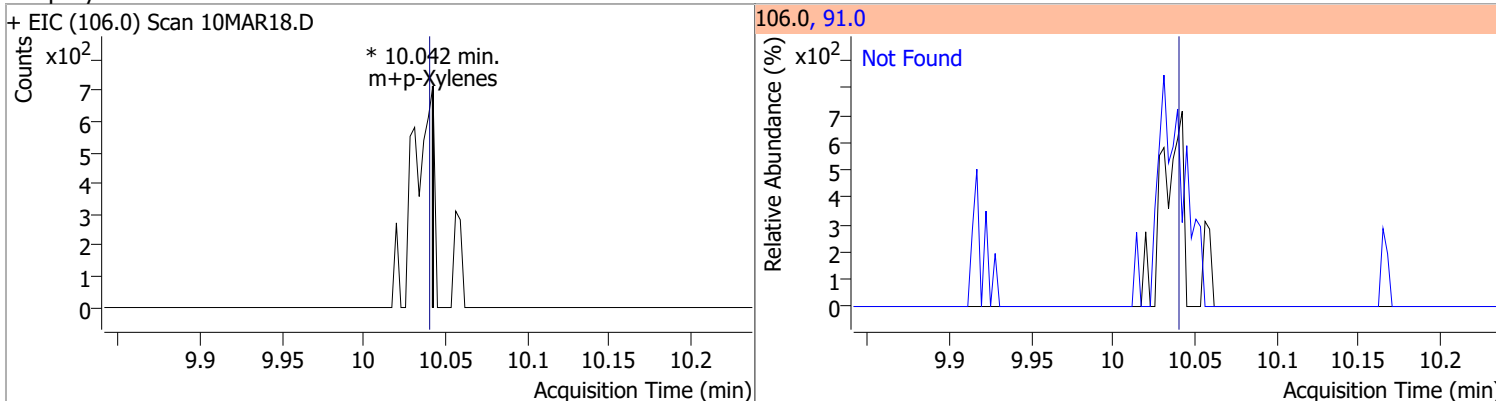
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9



Compound	Conc.	Exp RT	QIon	Exp Ratio
Ethylbenzene	N.D.	9.92	106.0	31.2

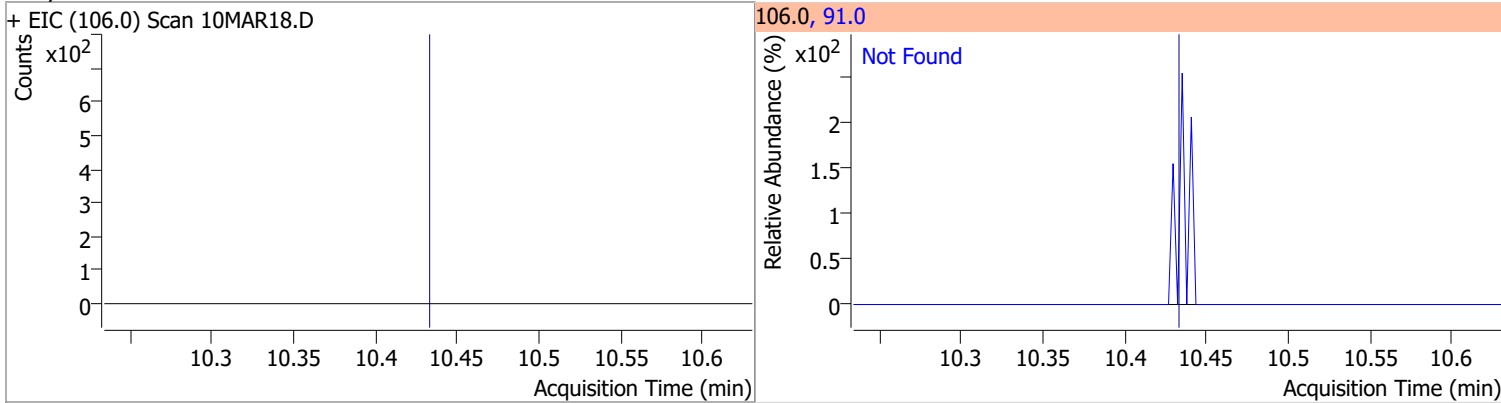


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes		0		0	91.0		173.1	233.1

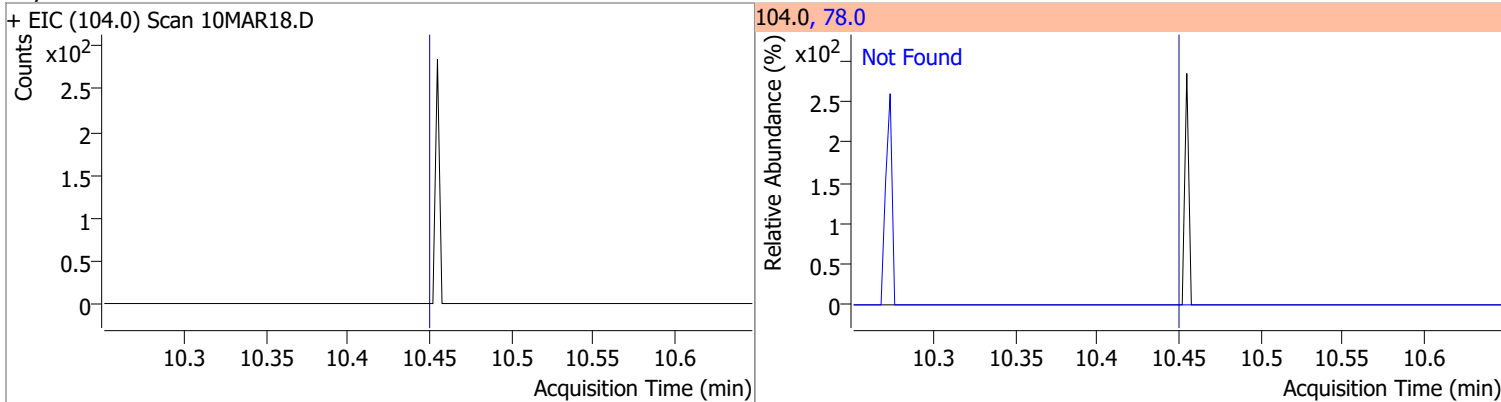


# Quantitation Results Report (QT Reviewed)

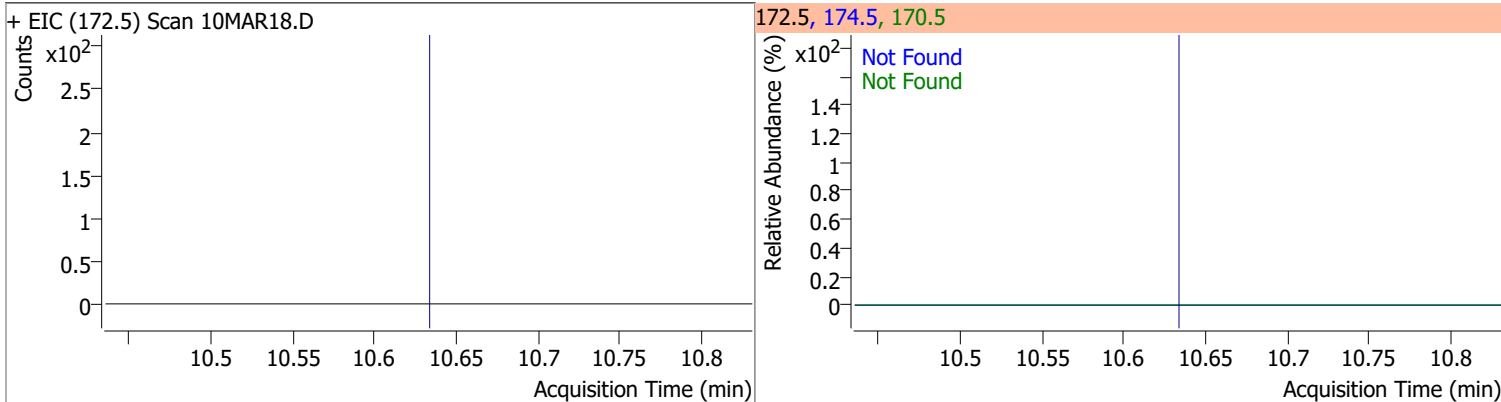
Compound	Conc.	Exp RT	QIon	Exp Ratio
o-Xylene	N.D.	10.43	91.0	215.1



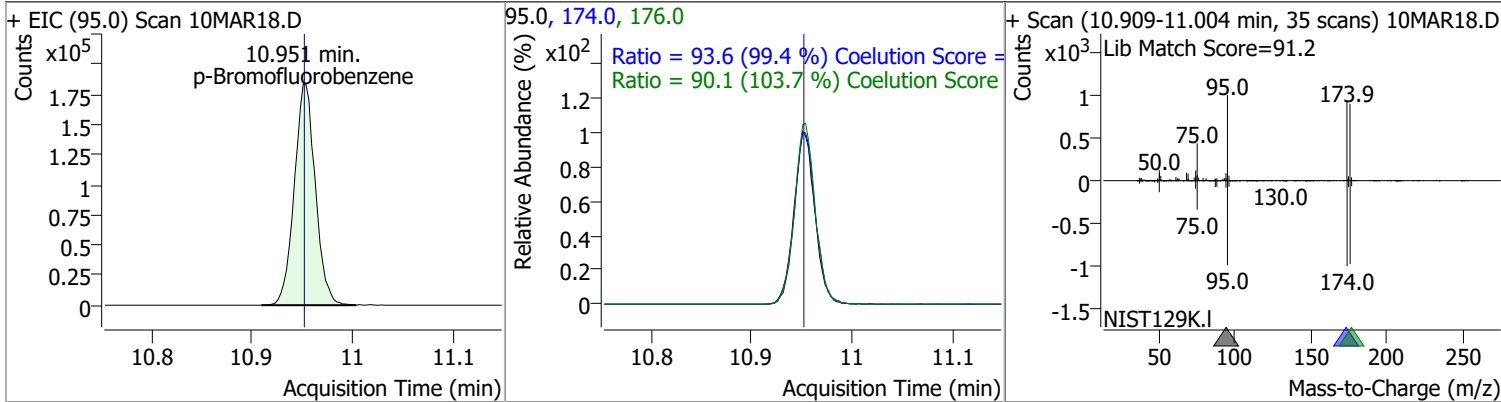
Compound	Conc.	Exp RT	QIon	Exp Ratio
Styrene	N.D.	10.45	78.0	50.8



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromoform	N.D.	10.63	170.5	52.5	174.5	48.3



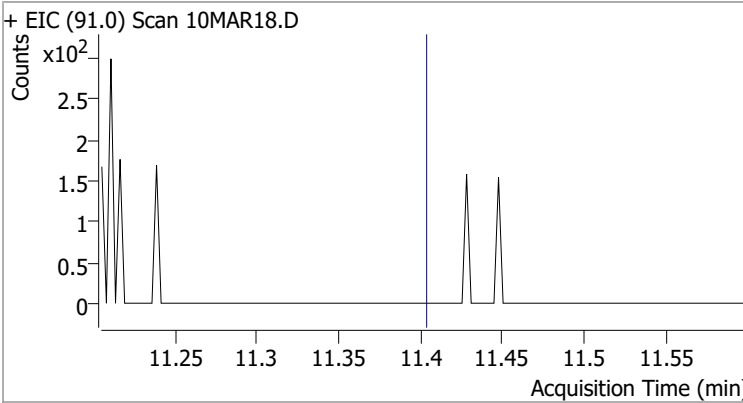
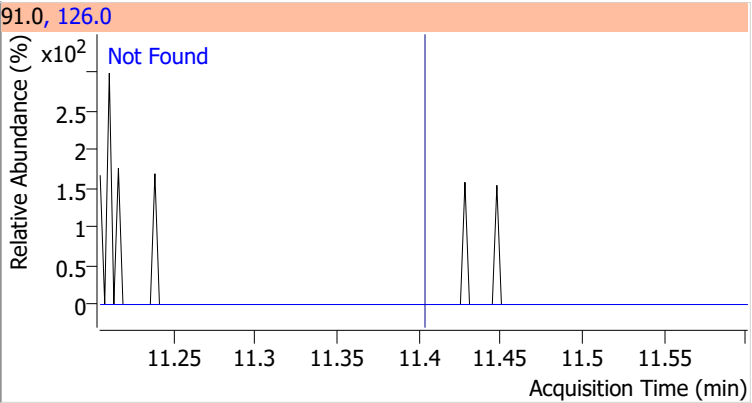
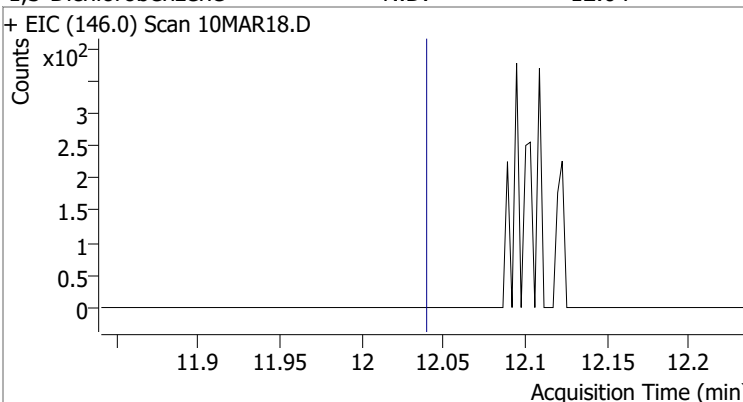
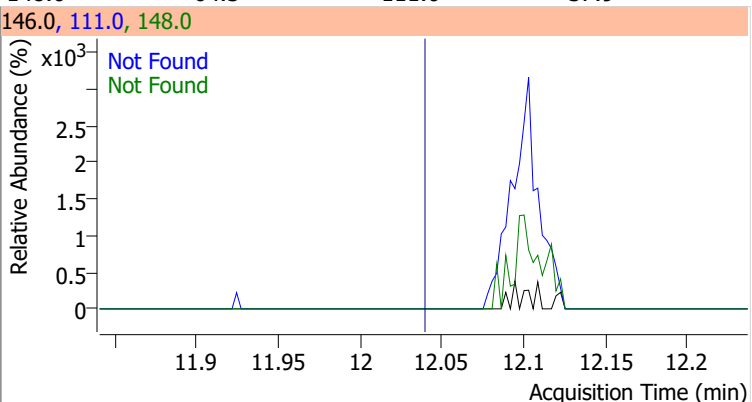
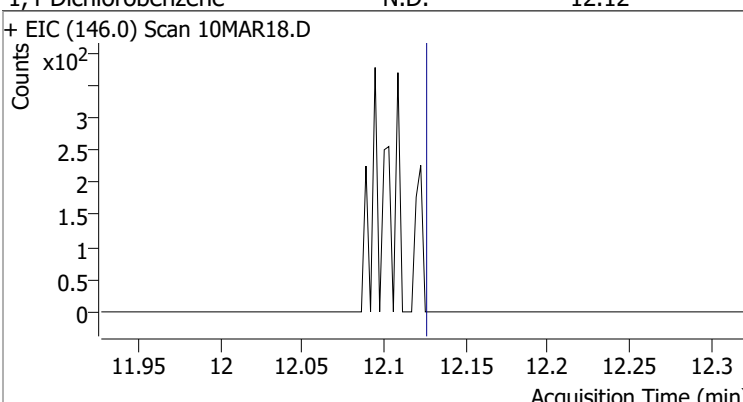
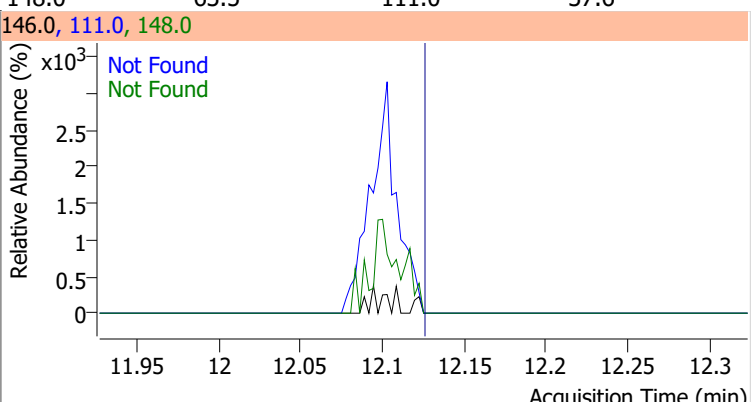
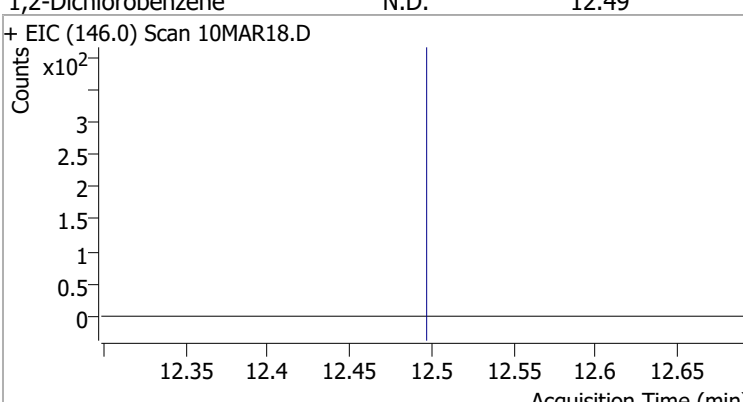
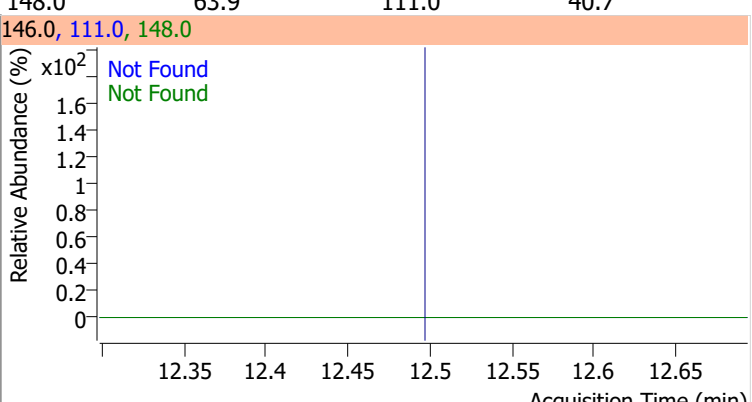
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	271.6945	10.95	0.00	267951	174.0	93.6	64.2	124.2
					176.0	90.1	56.9	116.9



# Quantitation Results Report (QT Reviewed)

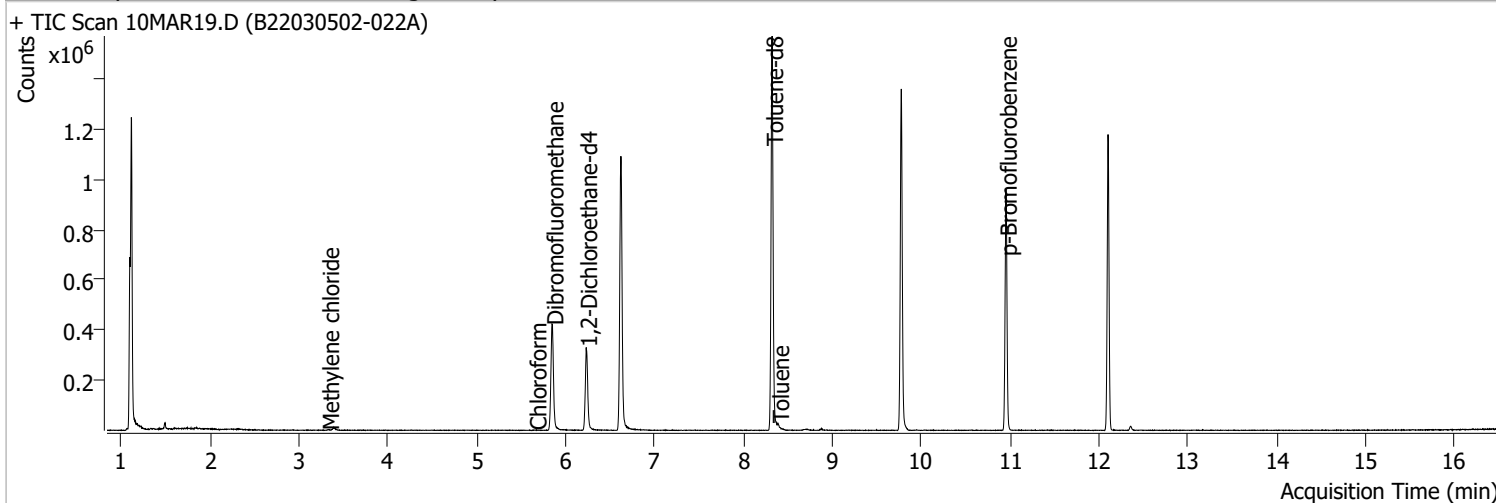
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR18.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR18.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR18.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR18.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio		
4-Chlorotoluene	N.D.	11.40	126.0	31.5		
+ EIC (91.0) Scan 10MAR18.D			91.0, 126.0			
						
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR18.D			146.0, 111.0, 148.0			
						
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR18.D			146.0, 111.0, 148.0			
						
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio
+ EIC (146.0) Scan 10MAR18.D			146.0, 111.0, 148.0			
						

# Quantitation Results Report (QT Reviewed)

Data File	10MAR19.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 8:18:19 PM
Sample Name	B22030502-022A	Instrument	VOA5975C
Vial	19	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



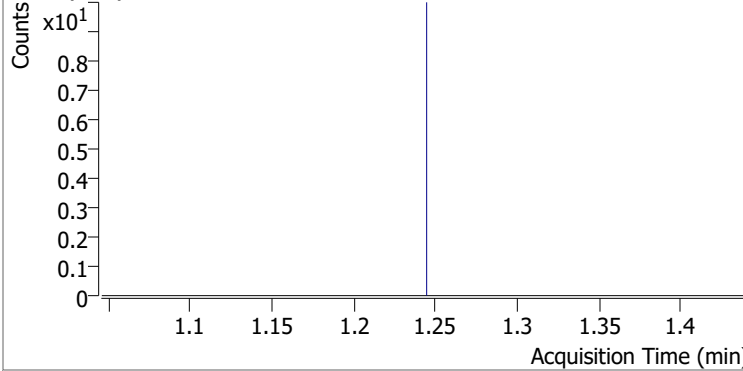
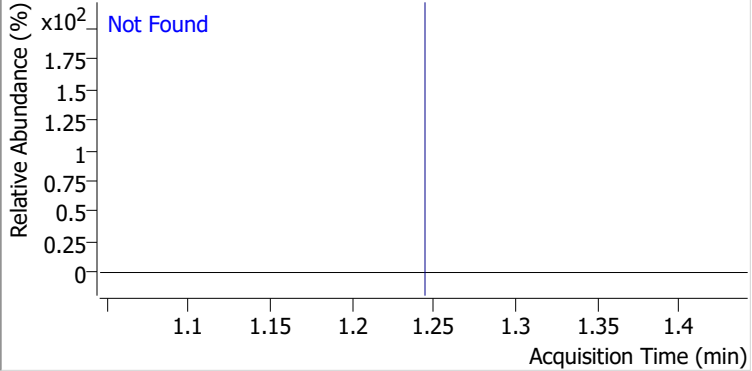
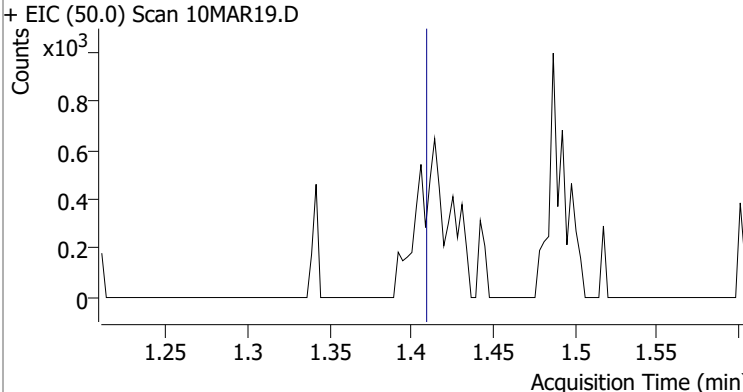
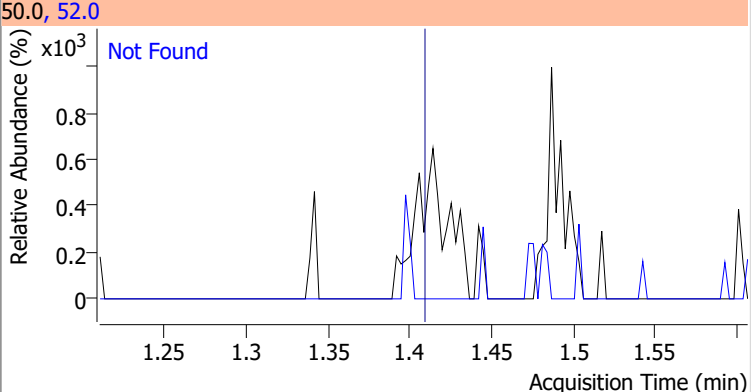
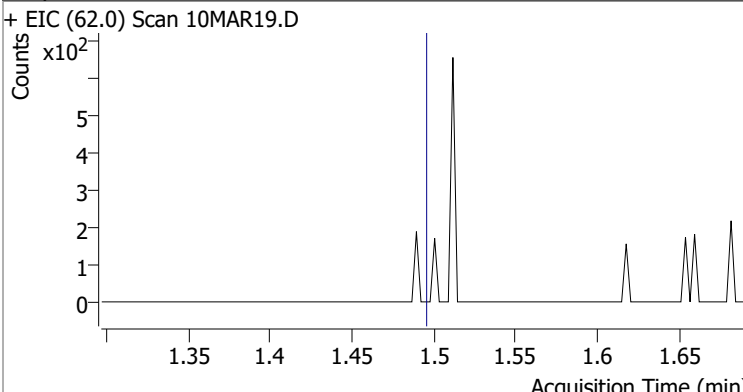
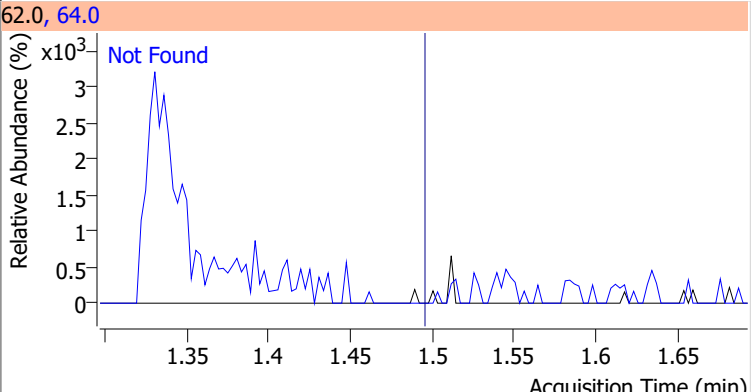
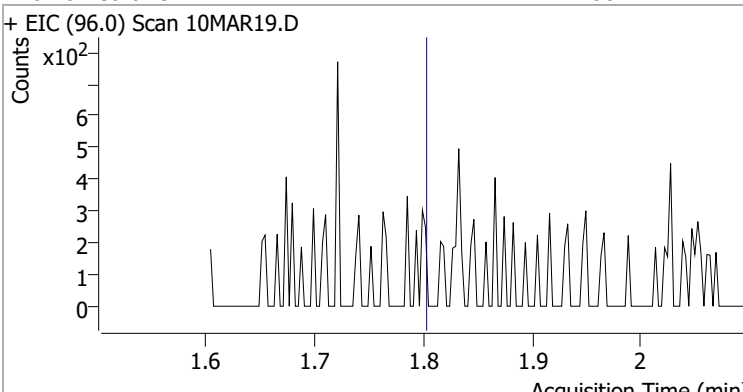
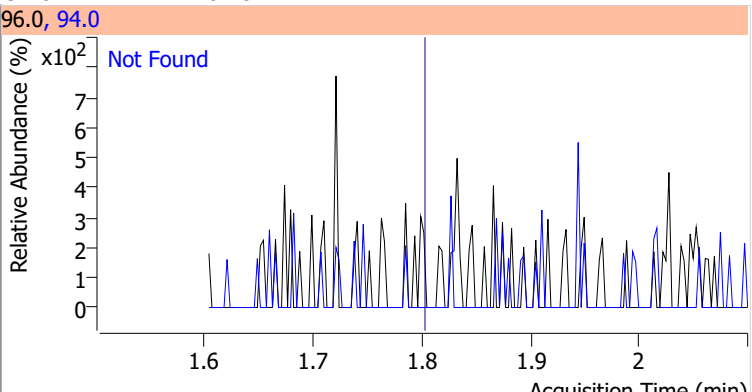
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.621	96.0	913986	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	365111	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	272012	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.851	113.0	254945	274.5227	ng	0.009
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 109.81%		
S 1,2-Dichloroethane-d4	6.230	67.0	115118	277.7055	ng	-0.005
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 111.08%		
S Toluene-d8	8.322	98.0	929933	238.9027	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.56%		
S p-Bromofluorobenzene	10.951	95.0	264484	263.6942	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.48%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	0.000		0	N.D.		
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.327	49.0	1895	1.3456	ng m	83
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.661	83.0	808	0.4460	ng m	87

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.389	92.0	5108	2.1202	ng	m 100
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

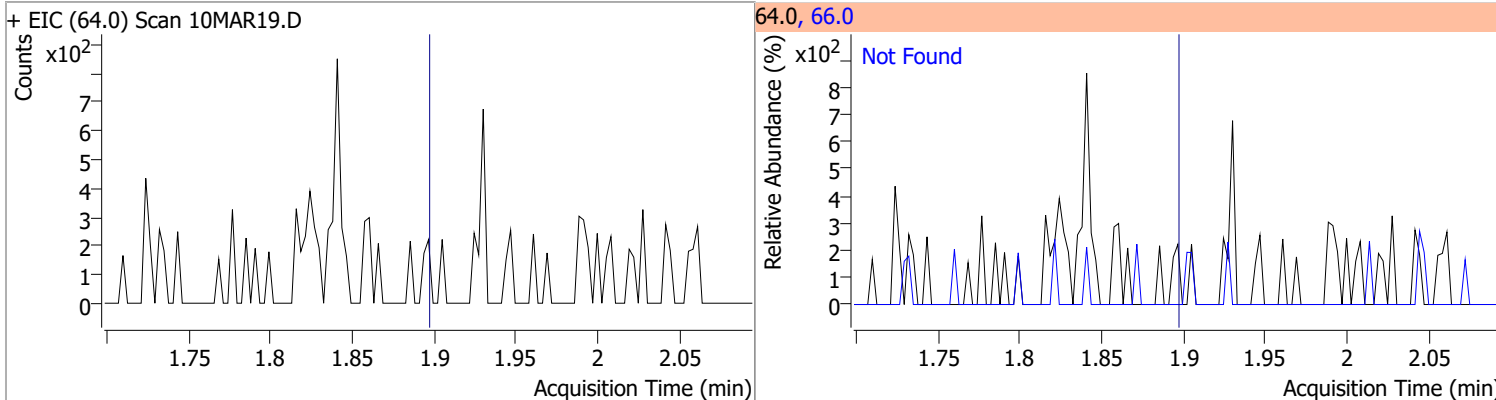
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

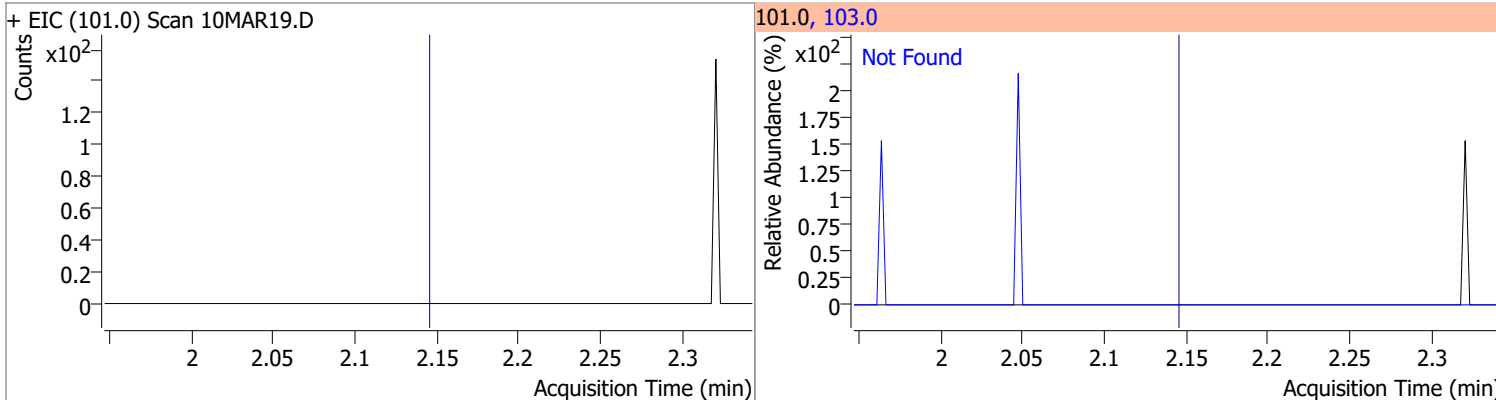
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5
+ EIC (85.0) Scan 10MAR19.D			85.0, 87.0	
				
Chloromethane	N.D.	1.41	52.0	33.0
+ EIC (50.0) Scan 10MAR19.D			50.0, 52.0	
				
Vinyl chloride	N.D.	1.49	64.0	30.6
+ EIC (62.0) Scan 10MAR19.D			62.0, 64.0	
				
Bromomethane	N.D.	1.80	94.0	104.8
+ EIC (96.0) Scan 10MAR19.D			96.0, 94.0	
				

# Quantitation Results Report (QT Reviewed)

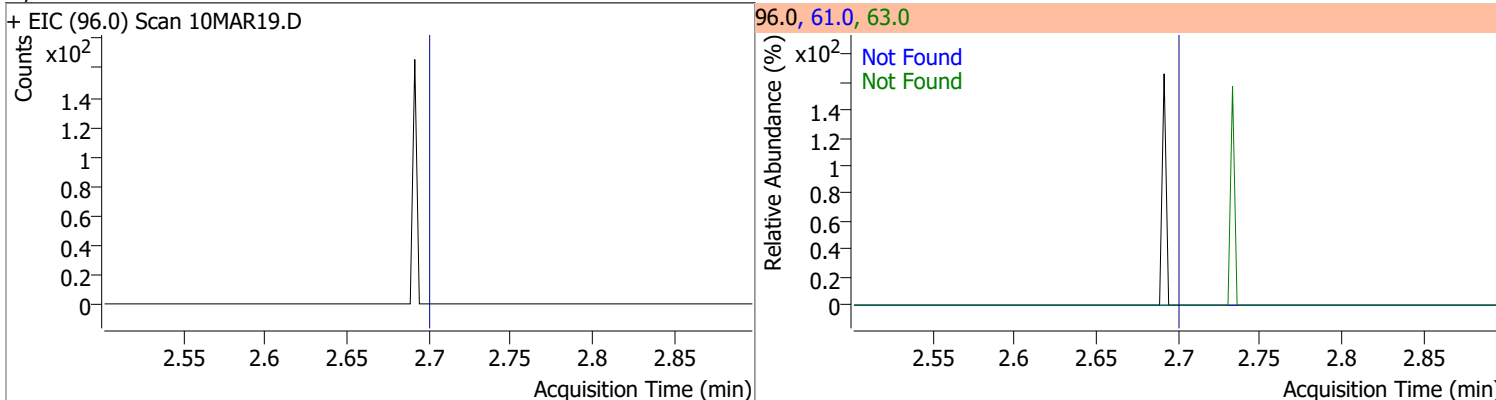
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



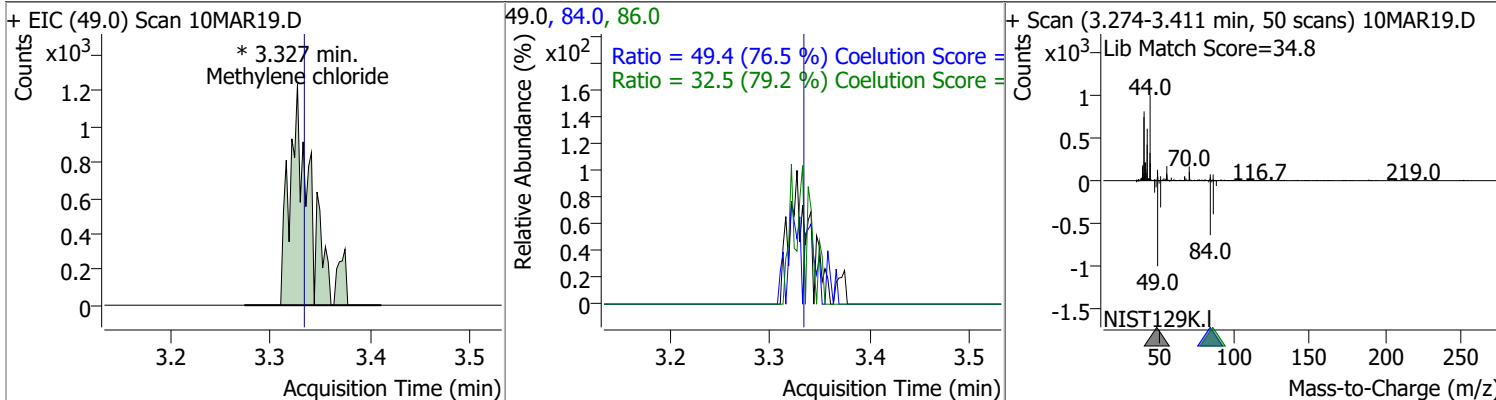
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7



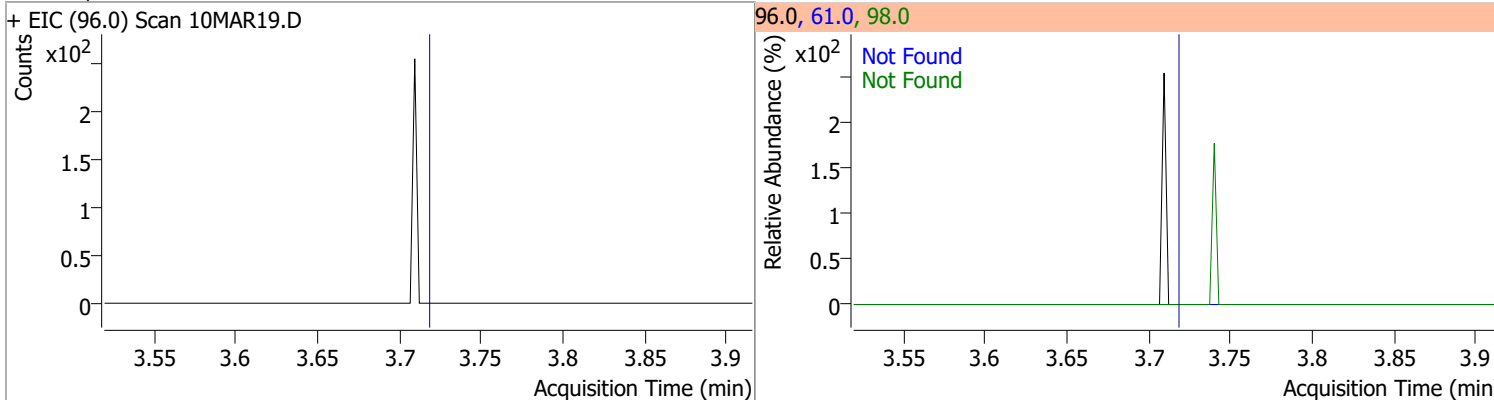
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.3456	3.33	-0.01	1895 (m)	84.0	49.4	34.7	94.7
					86.0	32.5	11.1	71.1



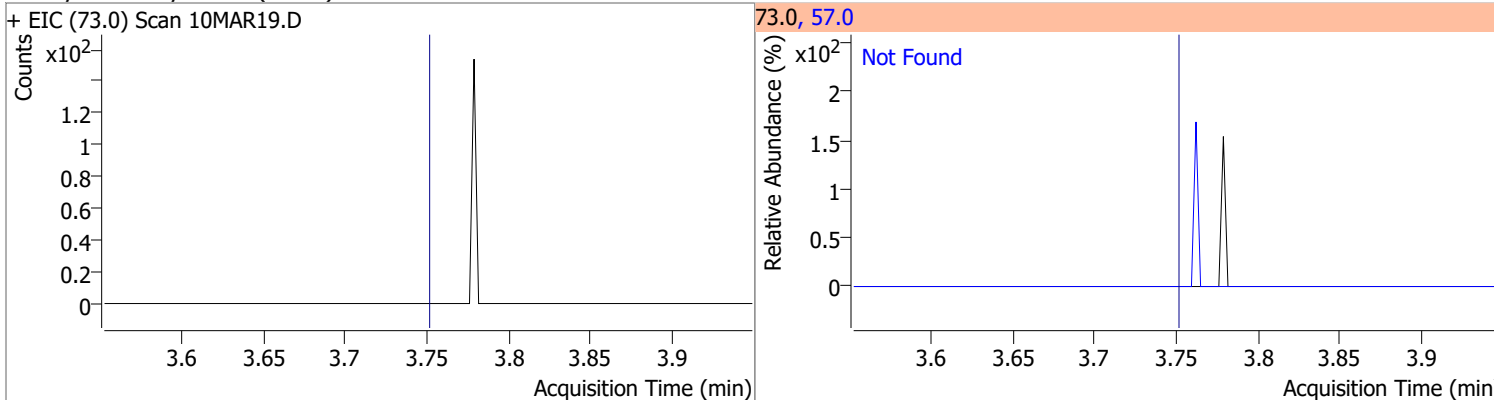


# Quantitation Results Report (QT Reviewed)

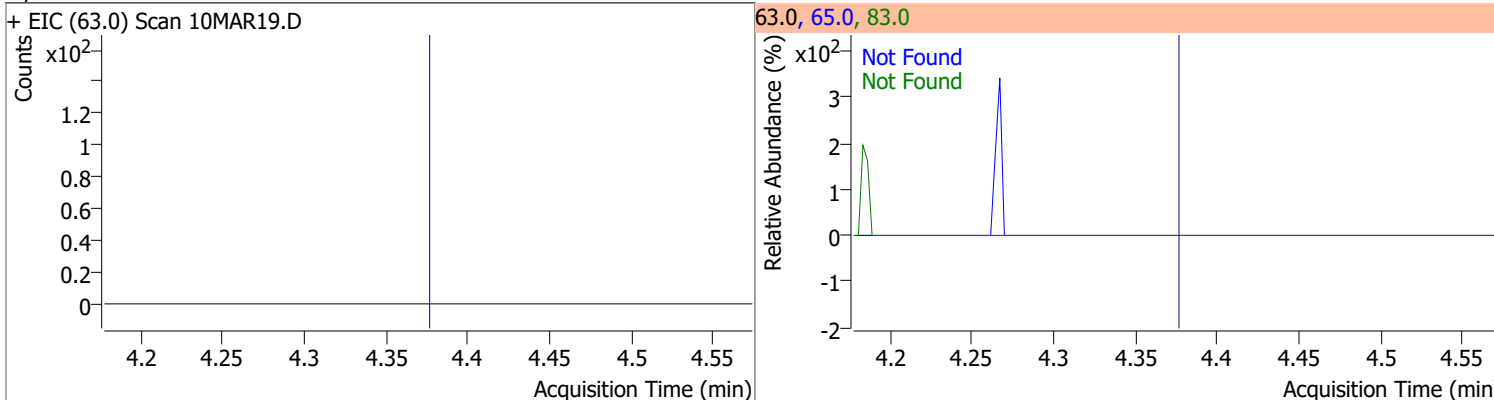
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9



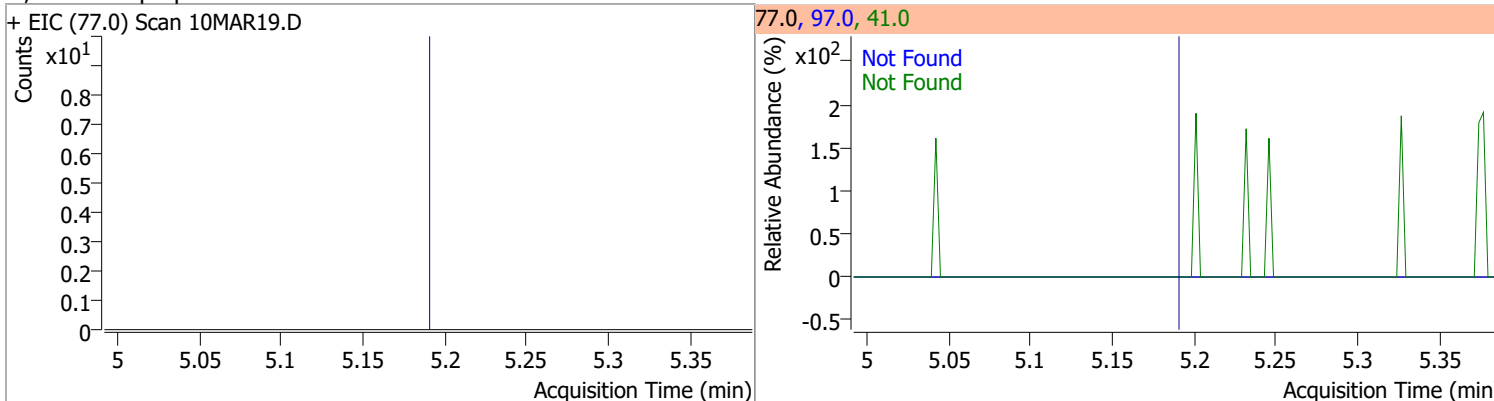
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9

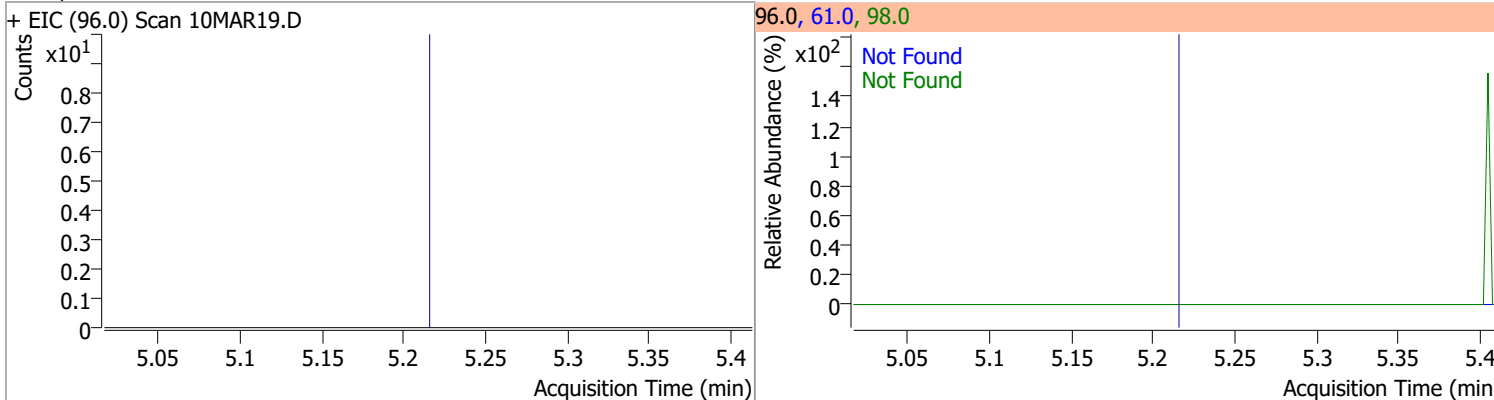


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4

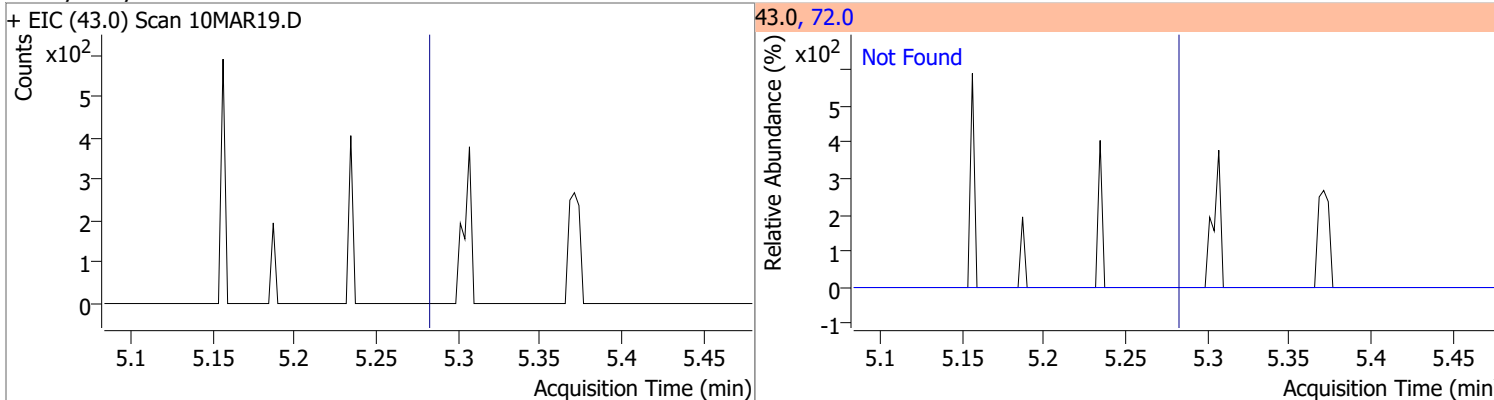


# Quantitation Results Report (QT Reviewed)

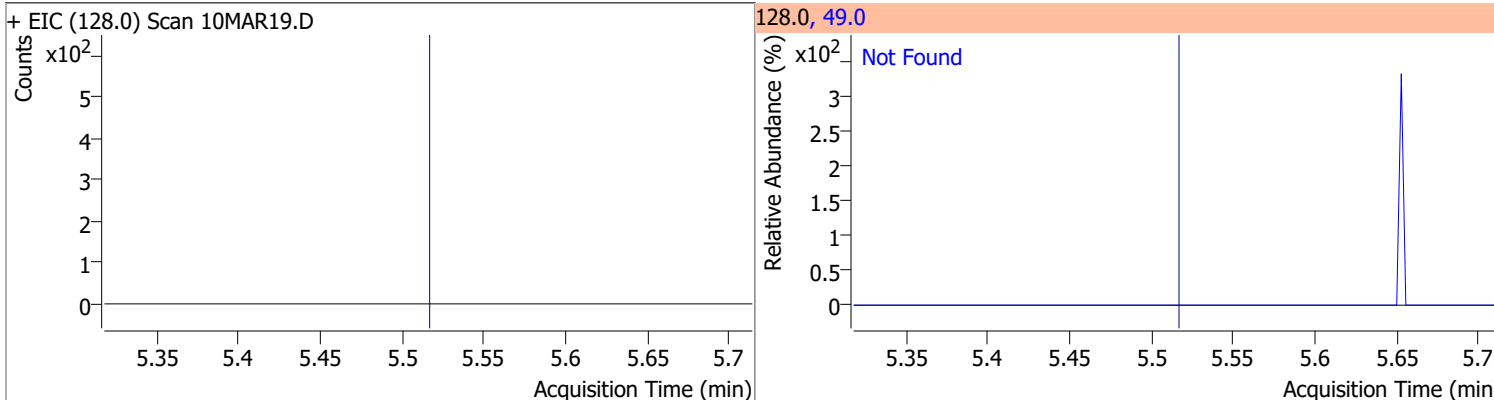
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



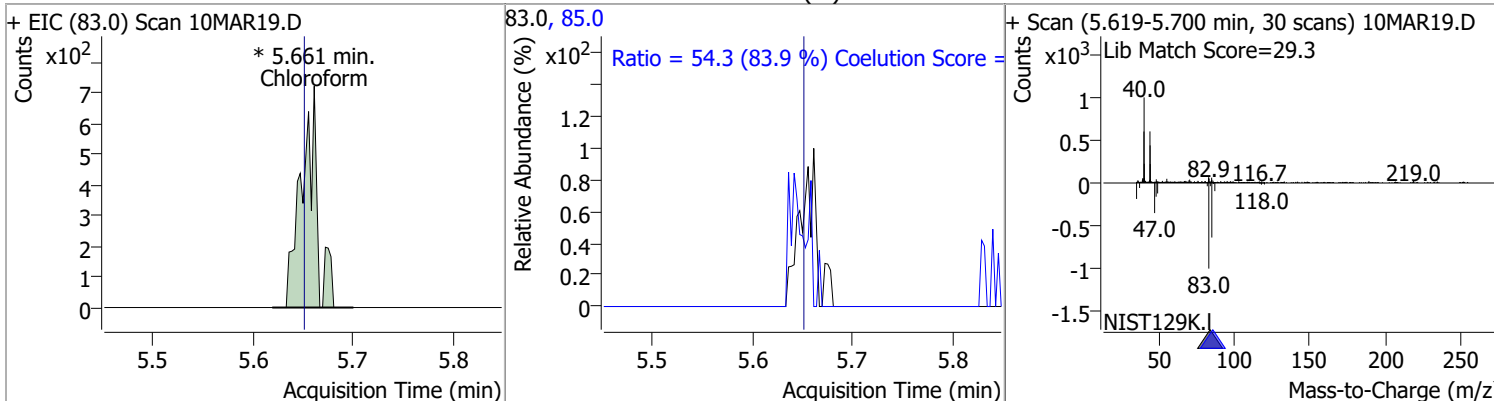
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1

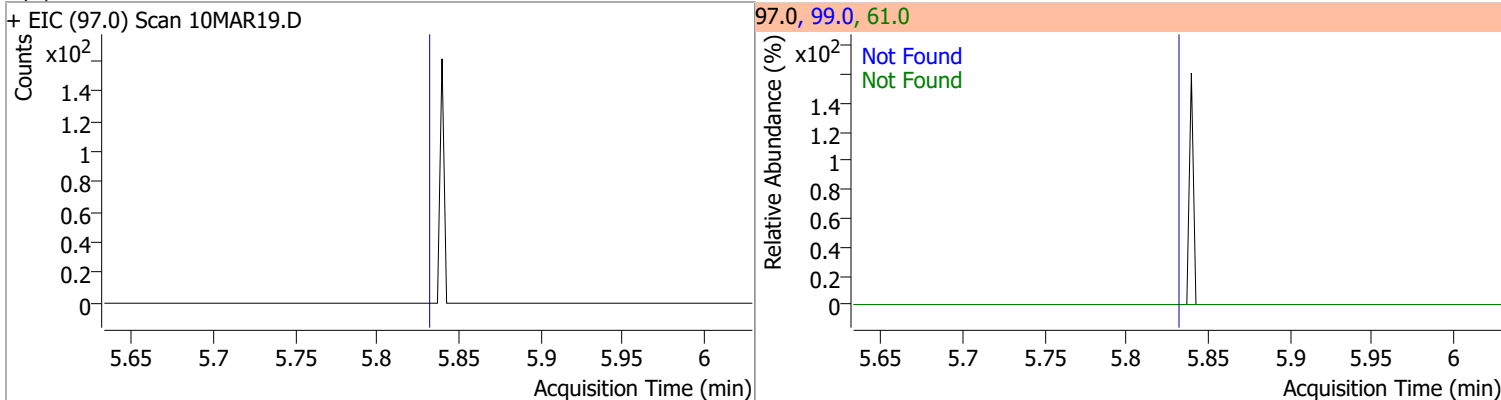


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.4460	5.66	0.01	808 (m)	85.0	54.3	34.7	94.7

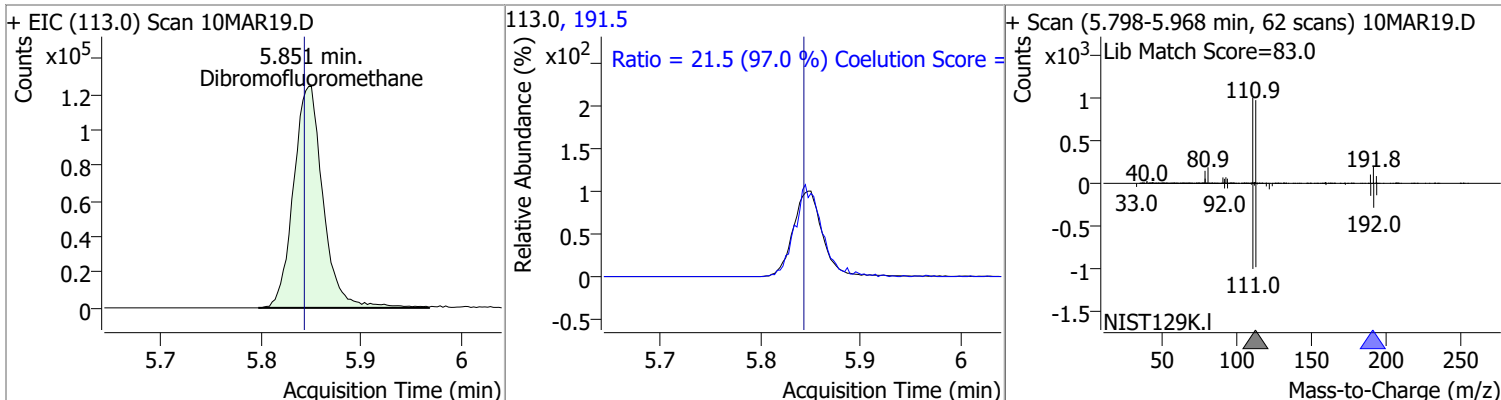


# Quantitation Results Report (QT Reviewed)

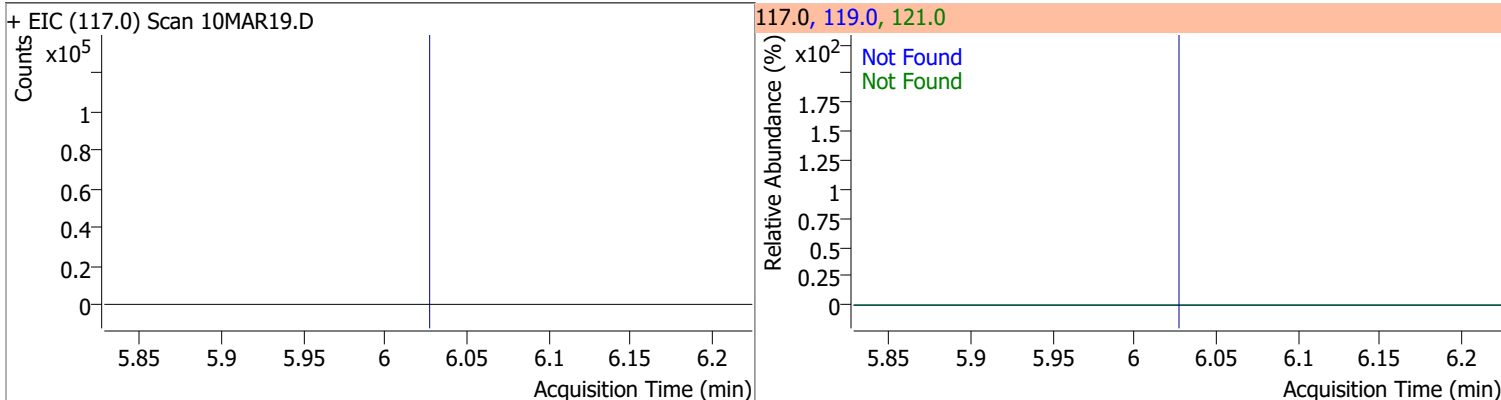
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,1-Trichloroethane	N.D.	5.83	99.0	64.2	61.0	50.0



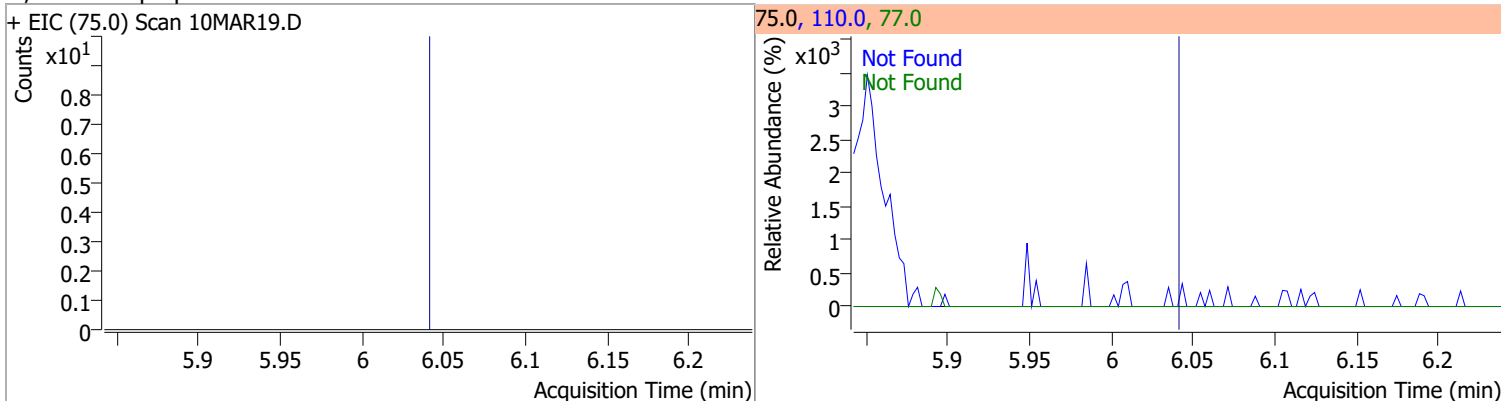
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromofluoromethane	274.5227	5.85	0.01	254945	191.5	21.5	0.0	52.2



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Carbon tetrachloride	N.D.	6.03	119.0	95.3	121.0	30.1

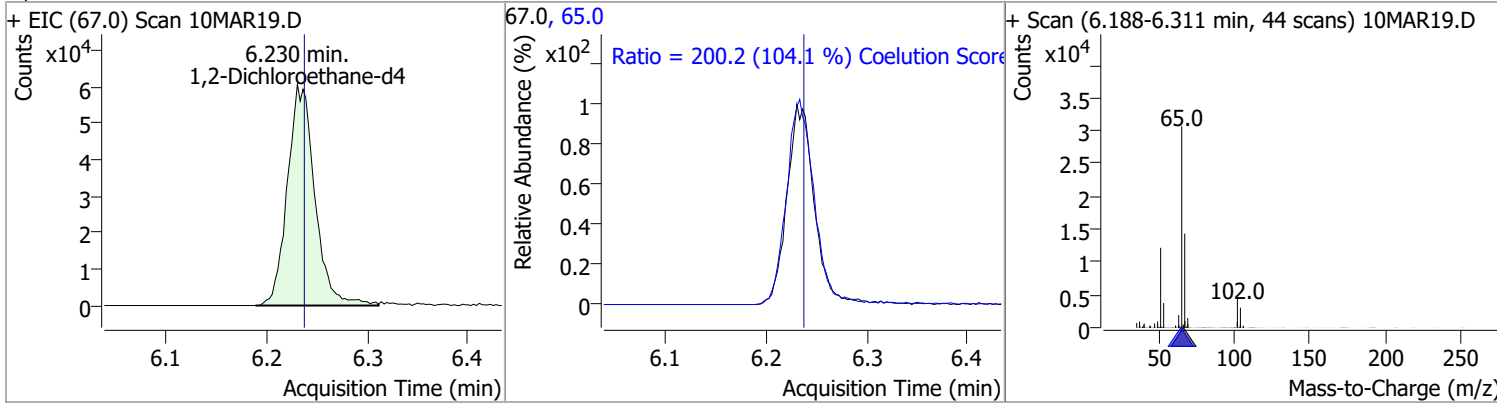


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloropropene	N.D.	6.04	110.0	36.1	77.0	31.1

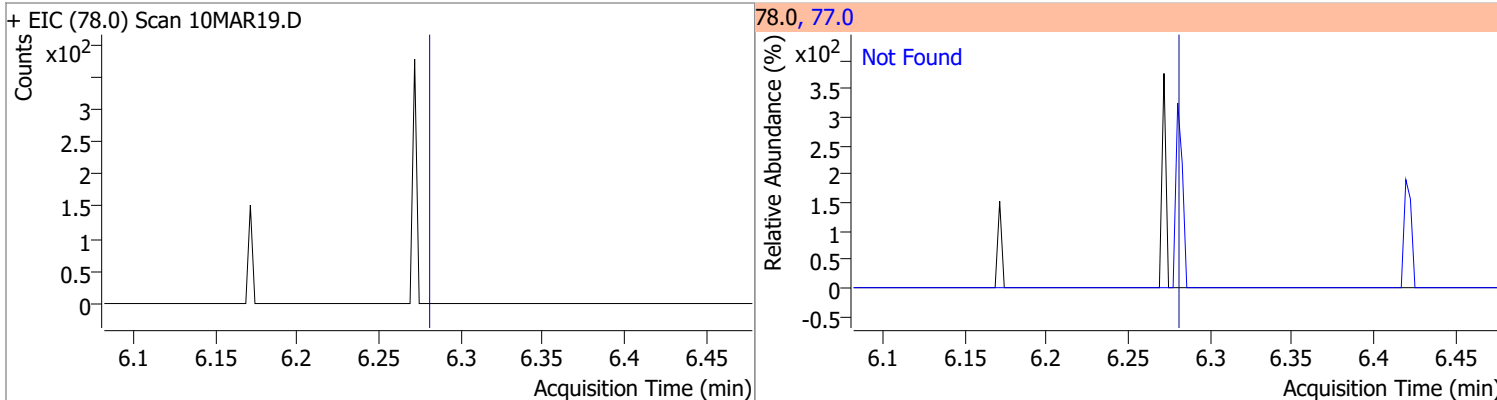


# Quantitation Results Report (QT Reviewed)

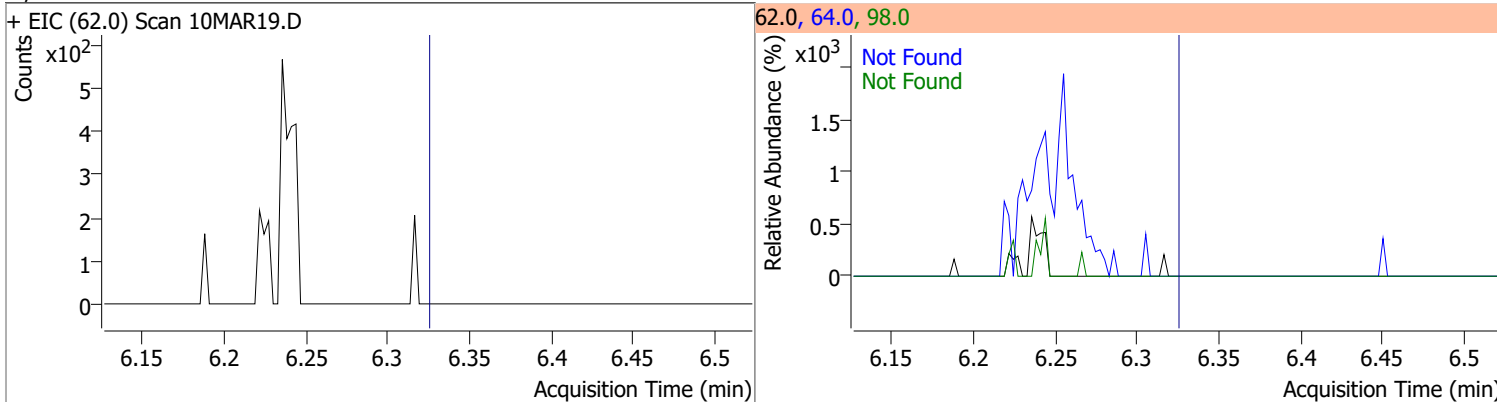
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	277.7055	6.23	-0.01	115118	65.0	200.2	162.2	222.2



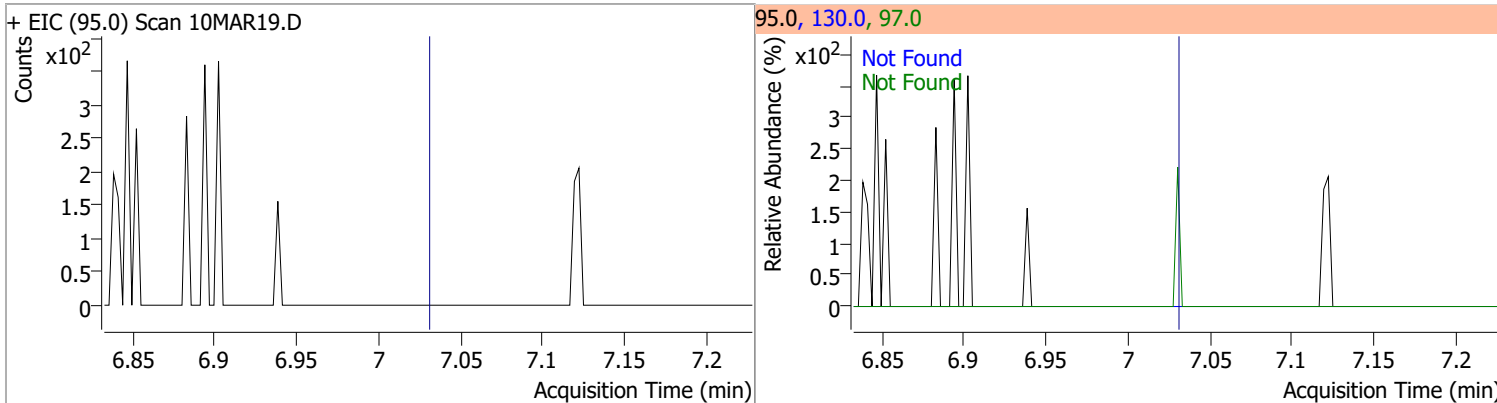
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



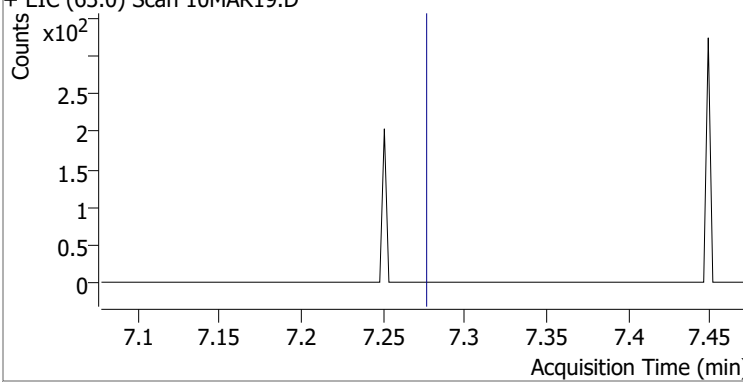
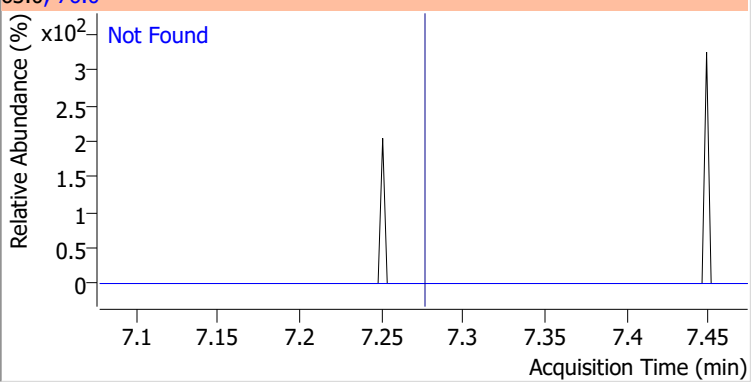
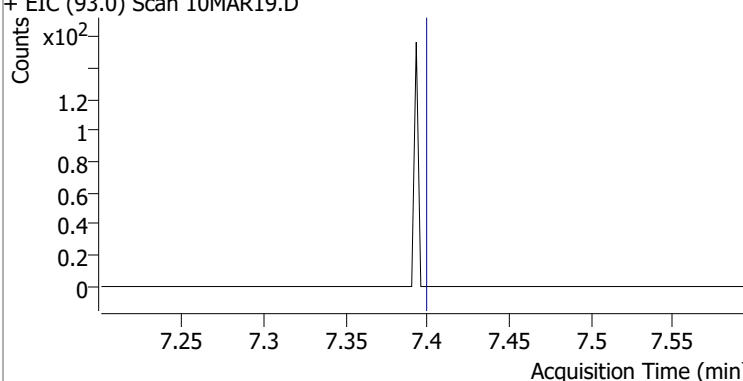
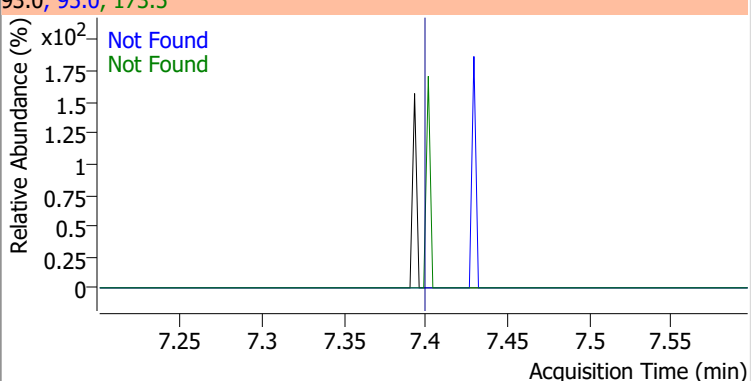
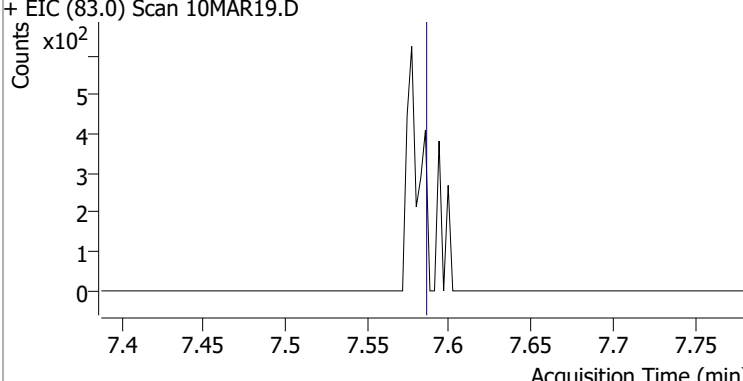
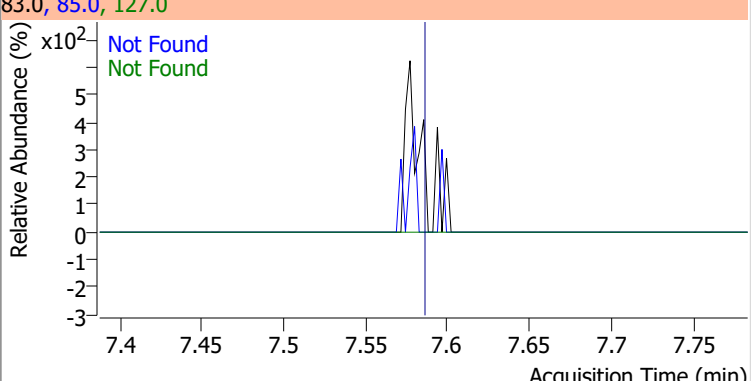
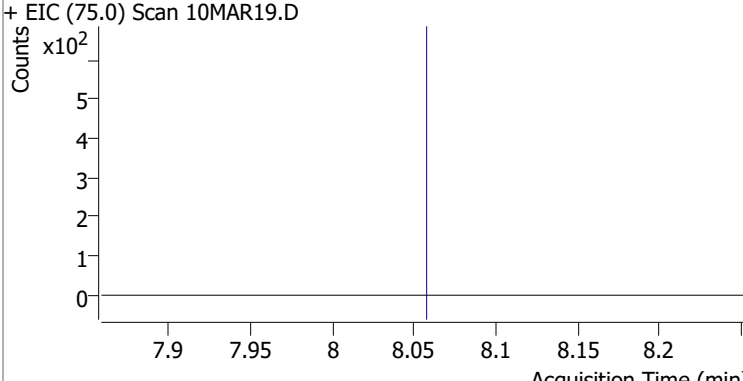
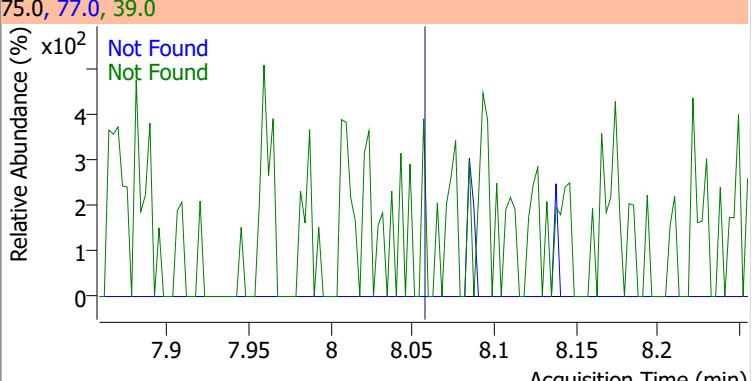
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

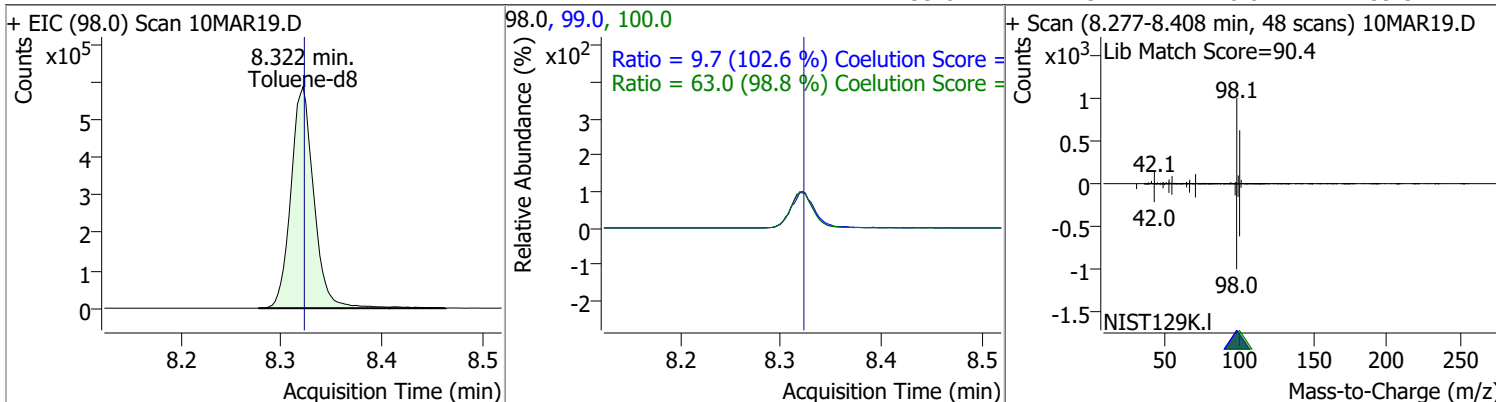


# Quantitation Results Report (QT Reviewed)

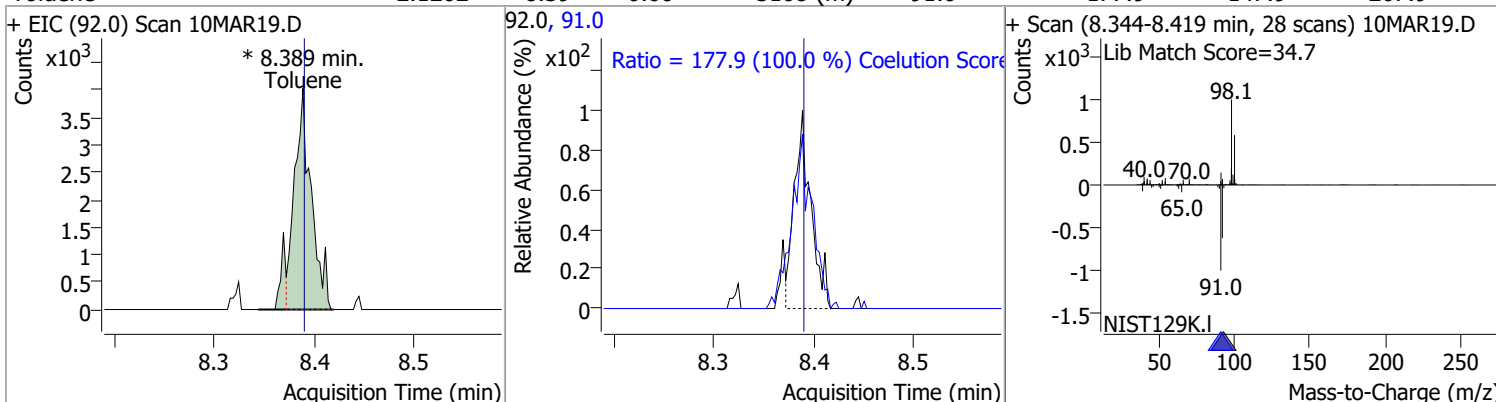
Compound	Conc.	Exp RT	QIon	Exp Ratio		
1,2-Dichloropropane	N.D.	7.28	76.0	40.1		
+ EIC (63.0) Scan 10MAR19.D			63.0, 76.0			
						
Dibromomethane	N.D.	7.40	173.5	108.6	QIon	Exp Ratio
+ EIC (93.0) Scan 10MAR19.D			93.0, 95.0, 173.5			
						
Bromodichloromethane	N.D.	7.59	85.0	63.2	QIon	Exp Ratio
+ EIC (83.0) Scan 10MAR19.D			83.0, 85.0, 127.0			
						
cis-1,3-Dichloropropene	N.D.	8.06	39.0	55.6	QIon	Exp Ratio
+ EIC (75.0) Scan 10MAR19.D			75.0, 77.0, 39.0			
						

# Quantitation Results Report (QT Reviewed)

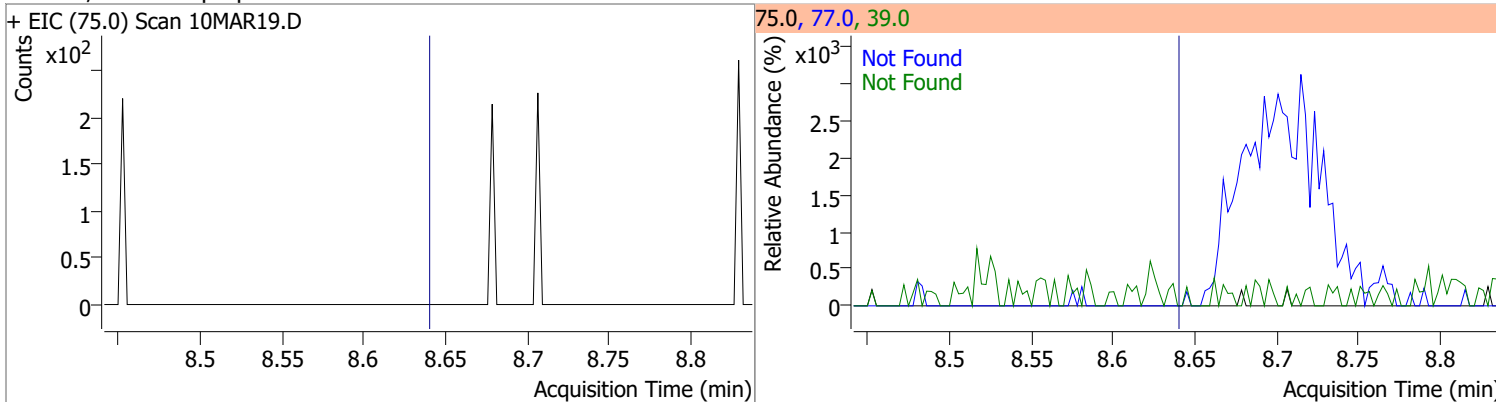
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	238.9027	8.32	0.00	929933	100.0	63.0	33.7	93.7
					99.0	9.7	0.0	39.5



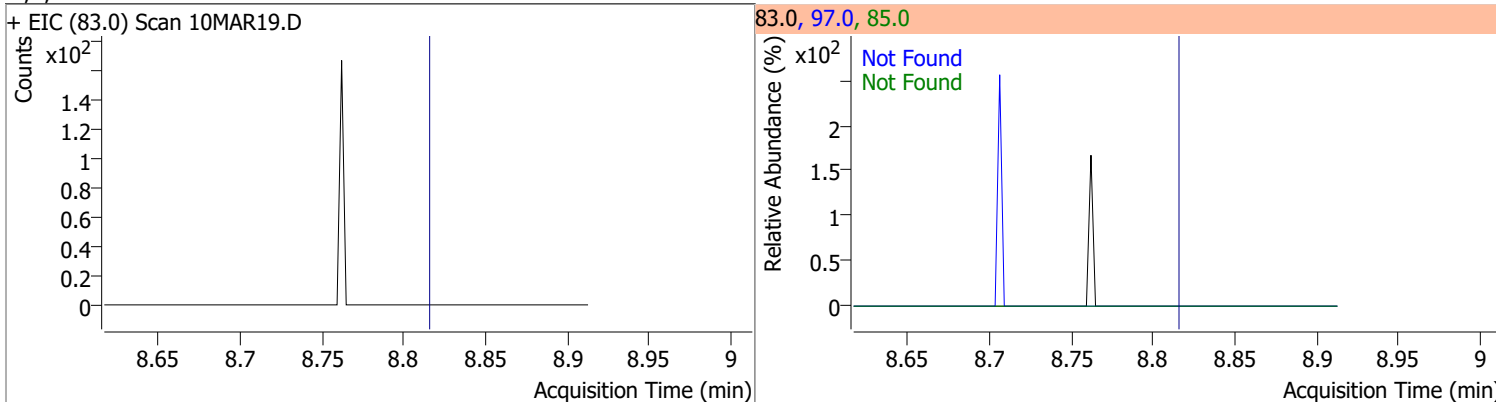
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	2.1202	8.39	0.00	5108 (m)	91.0	177.9	147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8



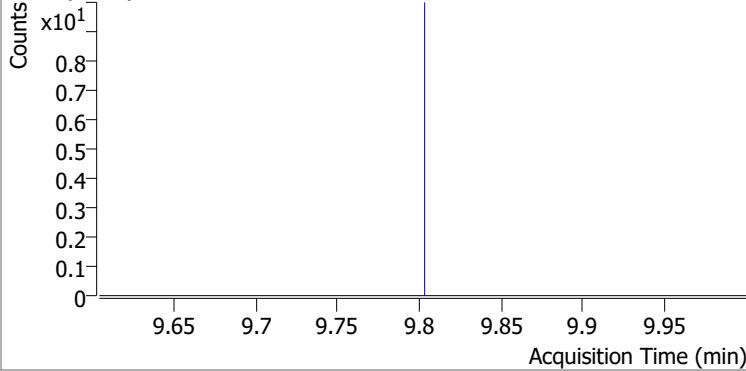
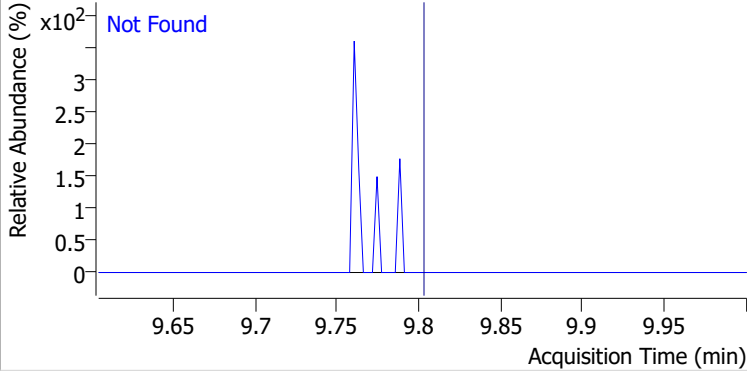
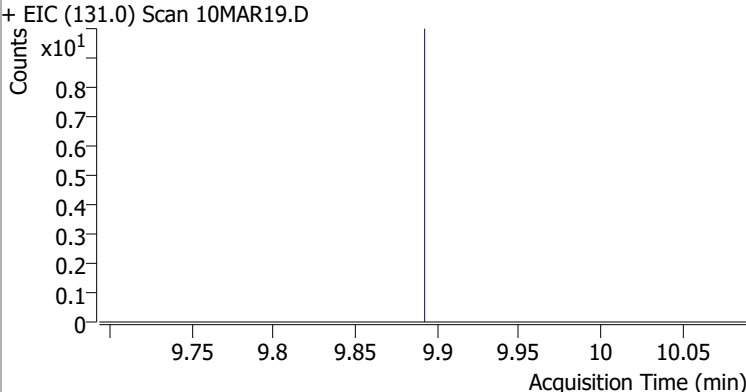
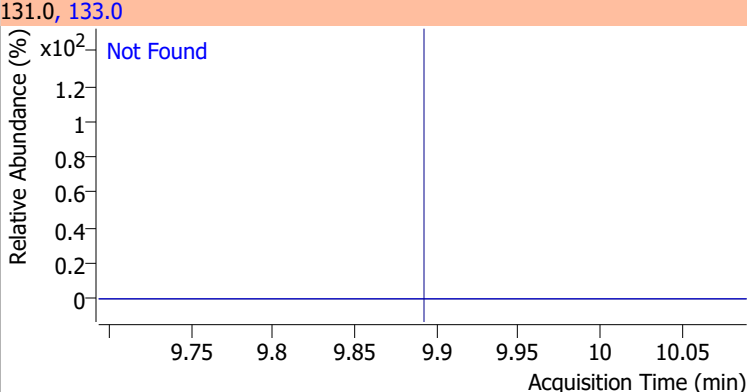
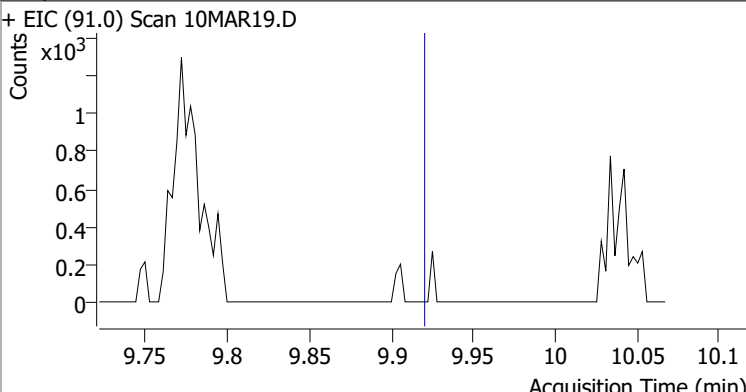
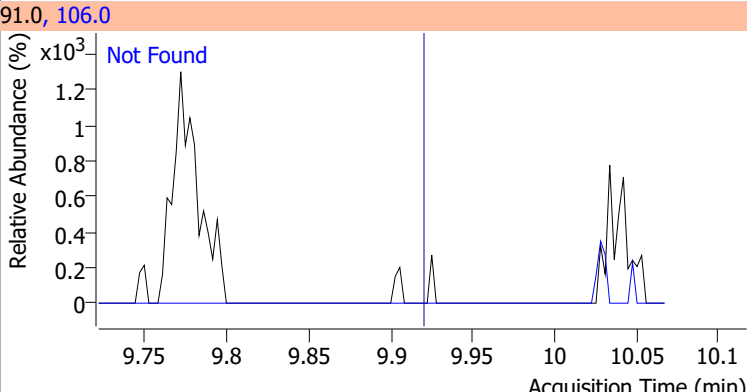
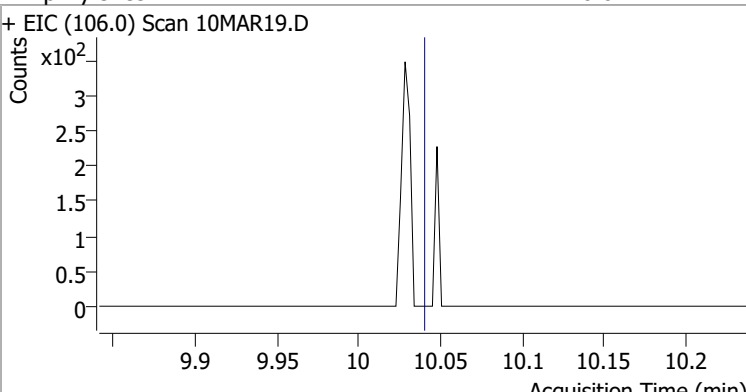
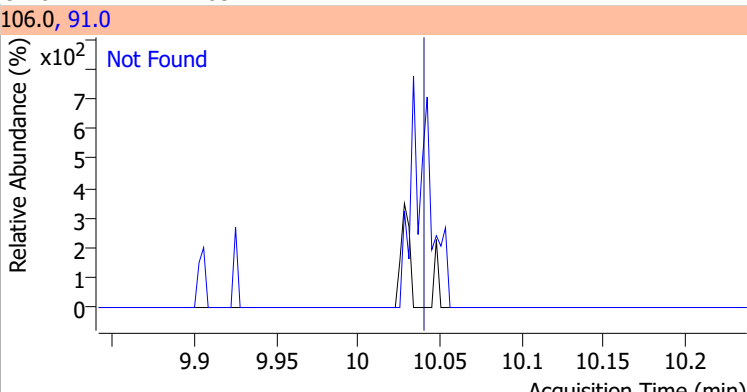
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9



# Quantitation Results Report (QT Reviewed)

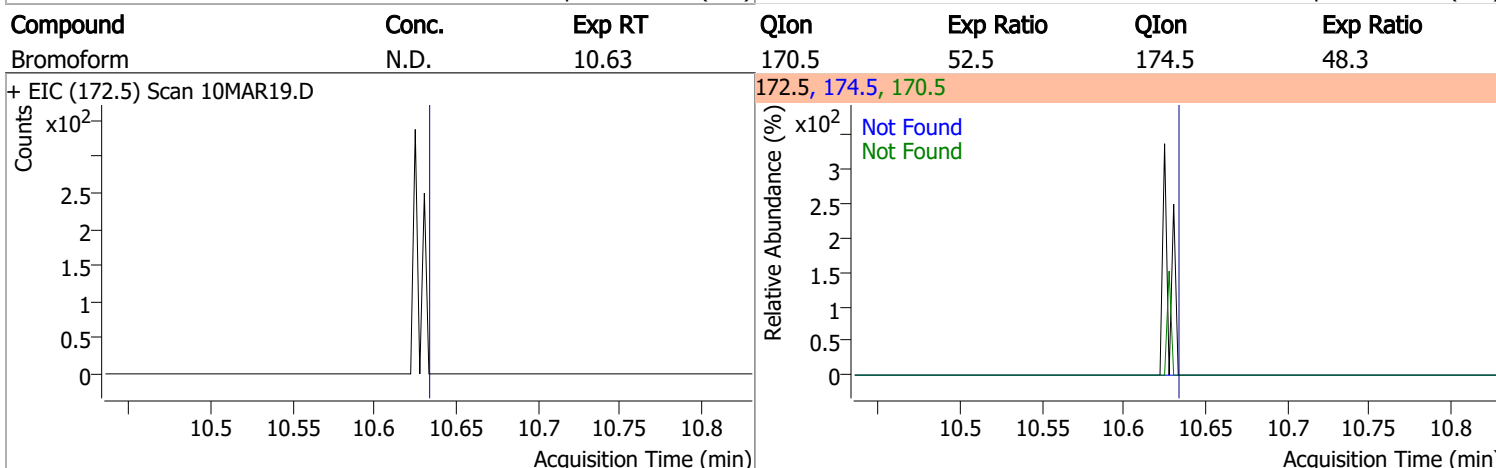
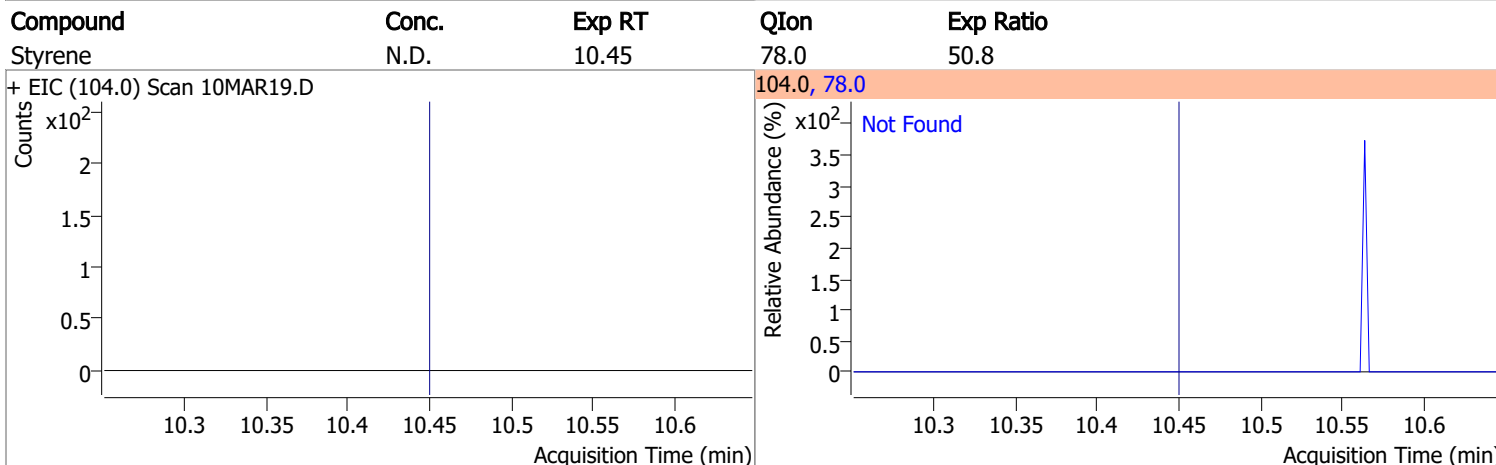
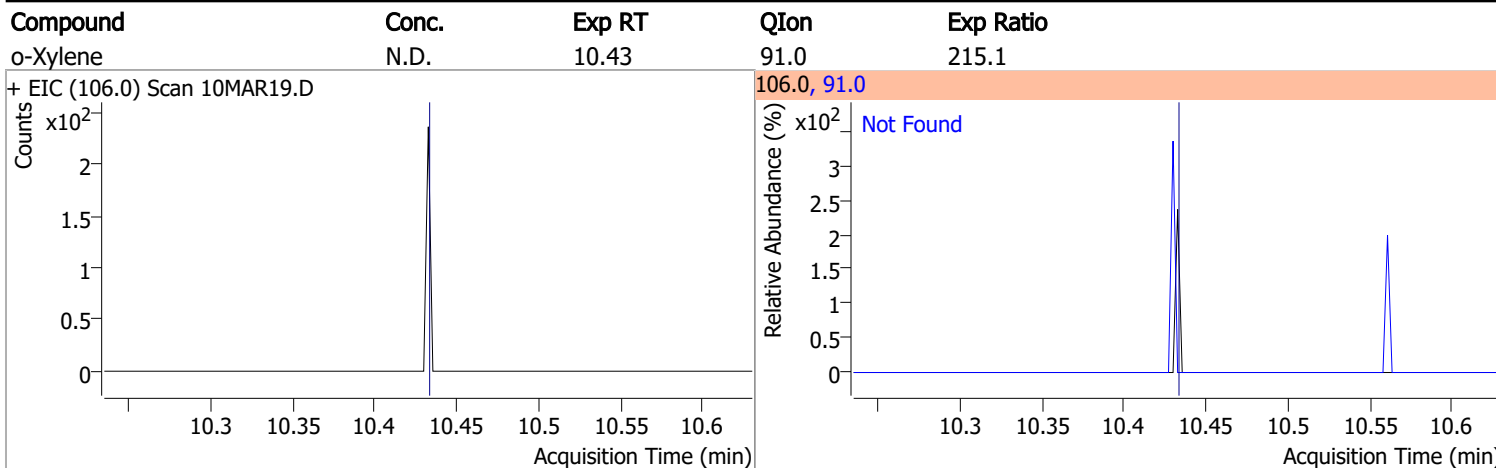
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6
+ EIC (163.8) Scan 10MAR19.D			163.8, 129.0, 165.8			
1,3-Dichloropropane	N.D.	8.98	78.0	31.3		
+ EIC (76.0) Scan 10MAR19.D			76.0, 78.0			
Chlorodibromomethane	N.D.	9.21	127.0	76.1		
+ EIC (129.0) Scan 10MAR19.D			129.0, 127.0			
1,2-Dibromoethane	N.D.	9.31	109.0	95.4		
+ EIC (107.0) Scan 10MAR19.D			107.0, 109.0			

# Quantitation Results Report (QT Reviewed)

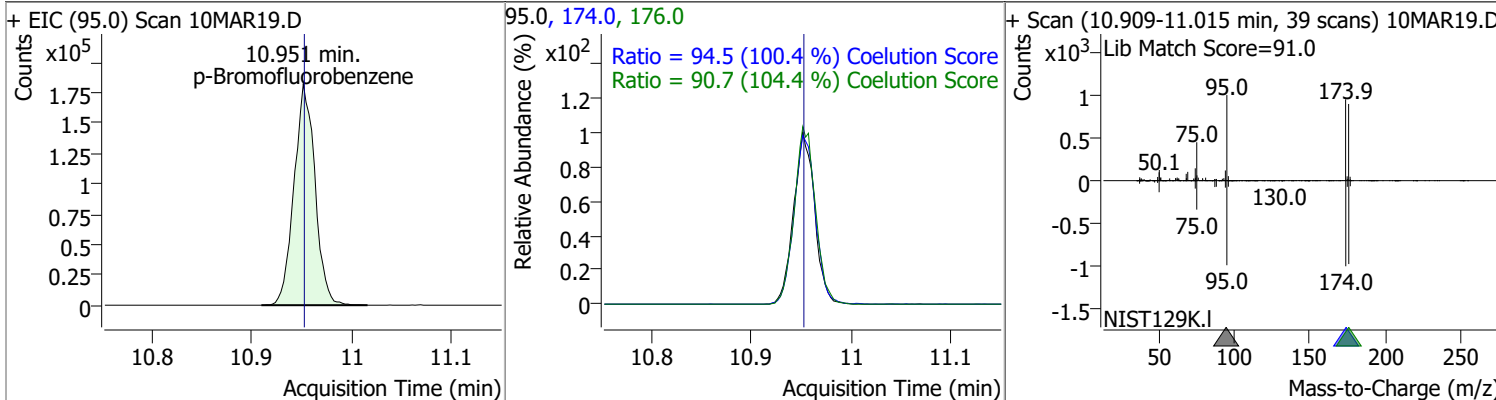
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR19.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR19.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR19.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR19.D			106.0, 91.0	
				



# Quantitation Results Report (QT Reviewed)



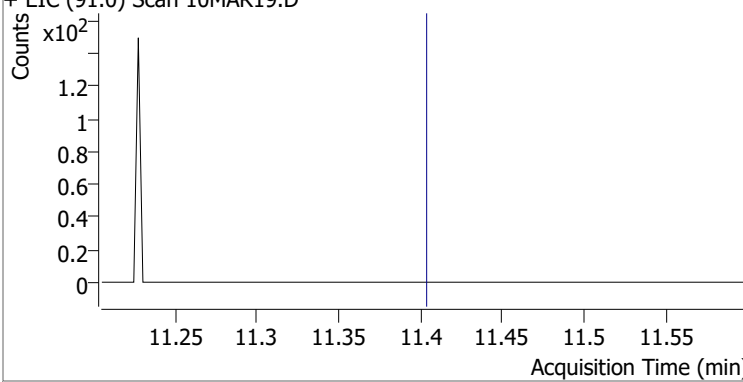
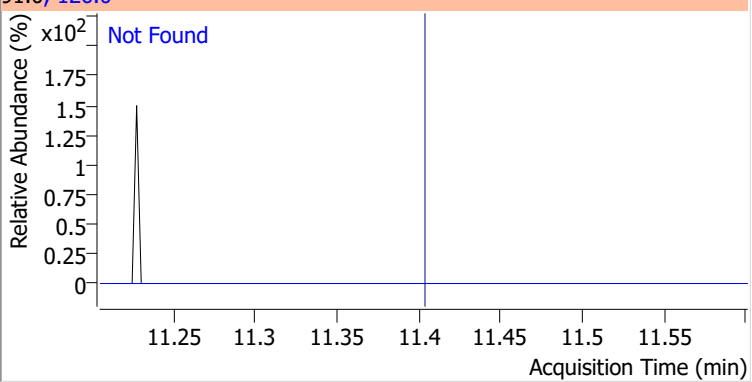
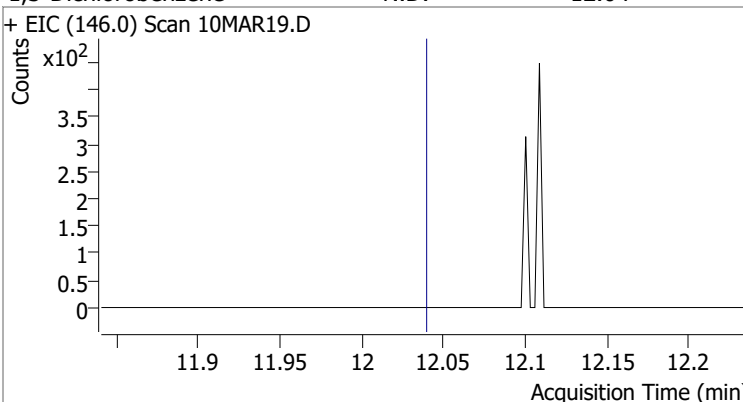
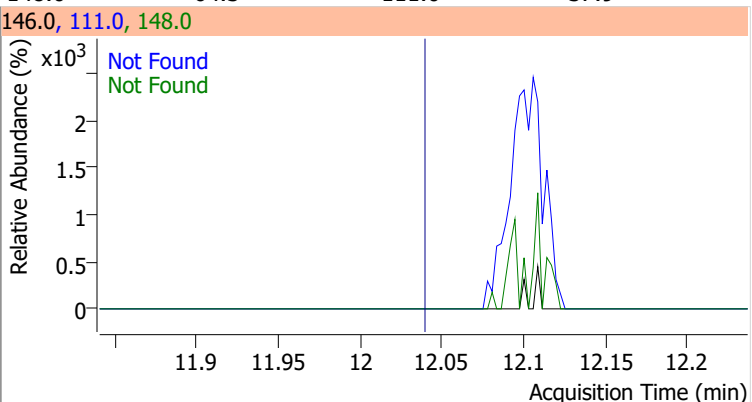
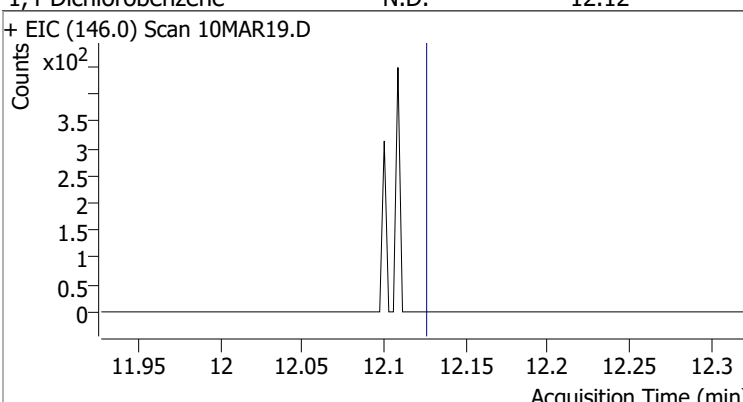
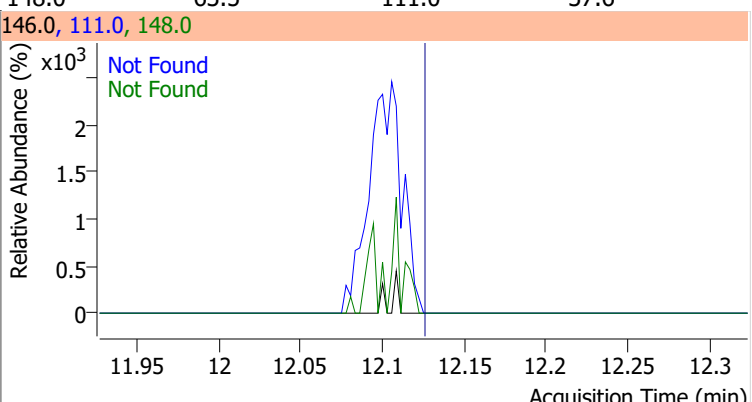
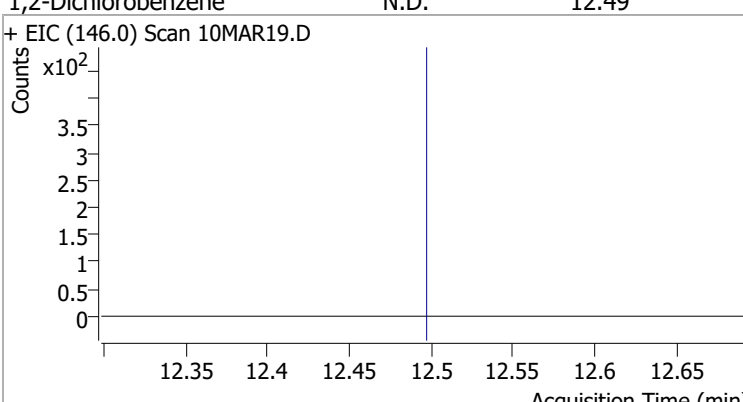
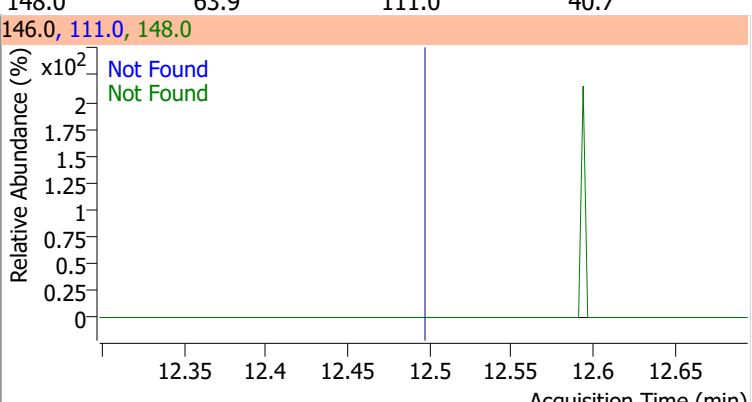
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.6942	10.95	0.00	264484	174.0	94.5	64.2	124.2
					176.0	90.7	56.9	116.9



# Quantitation Results Report (QT Reviewed)

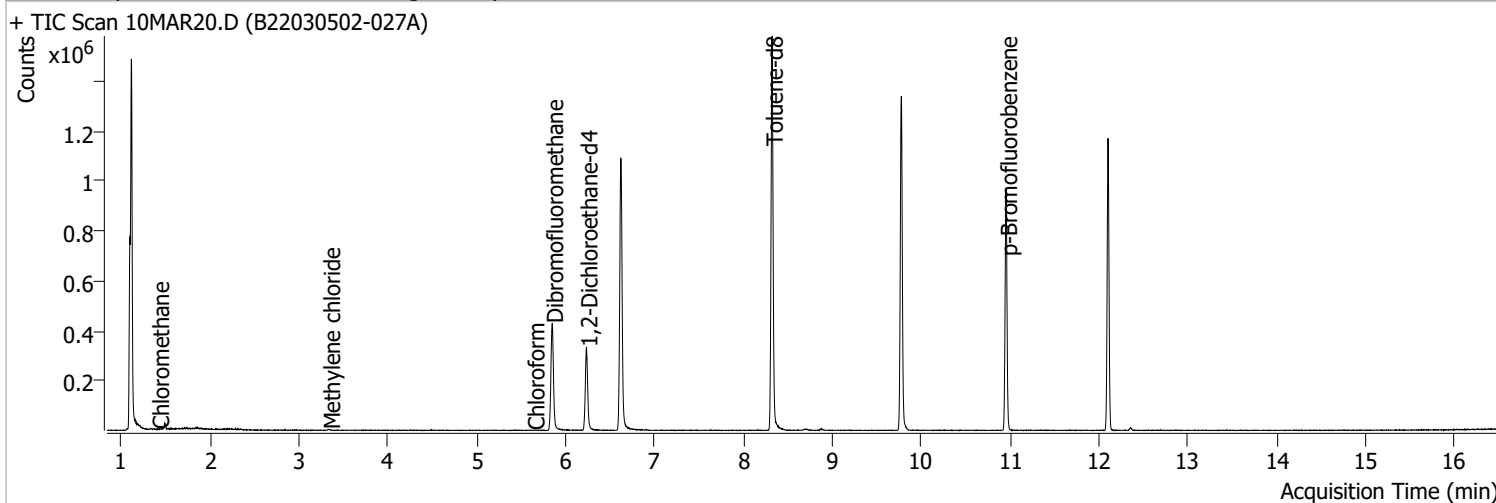
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR19.D			156.0, 77.0, 158.0			
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR19.D			83.0, 85.0			
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR19.D			110.0, 112.0			
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR19.D			126.0, 91.0			

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio			
4-Chlorotoluene	N.D.	11.40	126.0	31.5			
+ EIC (91.0) Scan 10MAR19.D			91.0, 126.0				
							
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3	QIon	Exp Ratio	
			111.0	37.9			
+ EIC (146.0) Scan 10MAR19.D			146.0, 111.0, 148.0				
							
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5	QIon	Exp Ratio	
			111.0	37.6			
+ EIC (146.0) Scan 10MAR19.D			146.0, 111.0, 148.0				
							
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9	QIon	Exp Ratio	
			111.0	40.7			
+ EIC (146.0) Scan 10MAR19.D			146.0, 111.0, 148.0				
							

# Quantitation Results Report (QT Reviewed)

Data File	10MAR20.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 8:45:38 PM
Sample Name	B22030502-027A	Instrument	VOA5975C
Vial	20	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
----------	----	------	-------	-------	-------	----------

**Internal Standards**

M Fluorobenzene	6.618	96.0	933659	250.0000	ng	-0.003
M Chlorobenzene-d5	9.777	82.0	370942	250.0000	ng	0.003
M 1,4-Dichlorobenzene-d4	12.100	152.0	269136	250.0000	ng	0.000

**System Monitoring Compounds**

S Dibromofluoromethane	5.848	113.0	255248	269.0576	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 107.62%		
S 1,2-Dichloroethane-d4	6.233	67.0	115047	271.6863	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 108.67%		
S Toluene-d8	8.319	98.0	942952	238.4426	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 95.38%		
S p-Bromofluorobenzene	10.954	95.0	266351	268.3934	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 107.36%		

**Target Compounds**

Compound	RT	QIon	Resp.	Conc.	Units	QValue
T Dichlorodifluoromethane	0.000		0	N.D.		
T Chloromethane	1.417	50.0	563	0.3602	ng m	94
T Vinyl chloride	0.000		0	N.D.		
T Bromomethane	0.000		0	N.D.		
T Chloroethane	0.000		0	N.D.		
T Trichlorofluoromethane	0.000		0	N.D.		
T 1,1-Dichloroethene	0.000		0	N.D.		
T Methylene chloride	3.338	49.0	2087	1.4509	ng	88
T trans-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl tert-butyl ether (MTBE)	0.000		0	N.D.		
T 1,1-Dichloroethane	0.000		0	N.D.		
T 2,2-Dichloropropane	0.000		0	N.D.		
T cis-1,2-Dichloroethene	0.000		0	N.D.		
T Methyl ethyl ketone	0.000		0	N.D.		
T Bromochloromethane	0.000		0	N.D.		
T Chloroform	5.639	83.0	289	0.1564	ng m	78

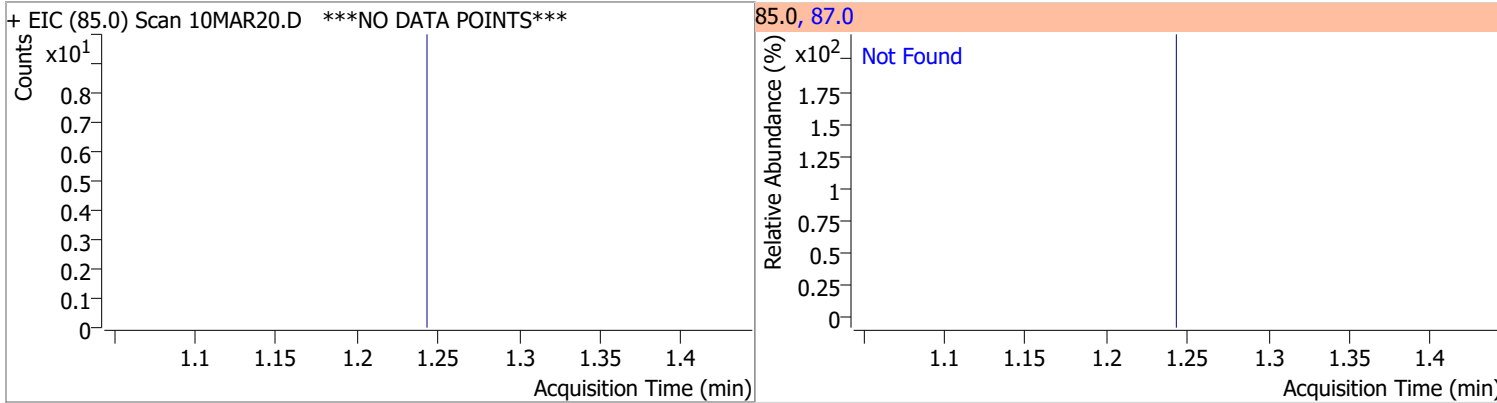
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	0.000		0	N.D.		
T Carbon tetrachloride	0.000		0	N.D.		
T 1,1-Dichloropropene	0.000		0	N.D.		
T Benzene	0.000		0	N.D.		
T 1,2-Dichloroethane	0.000		0	N.D.		
T Trichloroethene	0.000		0	N.D.		
T 1,2-Dichloropropane	0.000		0	N.D.		
T Dibromomethane	0.000		0	N.D.		
T Bromodichloromethane	0.000		0	N.D.		
T cis-1,3-Dichloropropene	0.000		0	N.D.		
T Toluene	8.388	92.0	0		ng md	1
T trans-1,3-Dichloropropene	0.000		0	N.D.		
T 1,1,2-Trichloroethane	0.000		0	N.D.		
T Tetrachloroethene	0.000		0	N.D.		
T 1,3-Dichloropropane	0.000		0	N.D.		
T Chlorodibromomethane	0.000		0	N.D.		
T 1,2-Dibromoethane	0.000		0	N.D.		
T Chlorobenzene	0.000		0	N.D.		
T 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
T Ethylbenzene	0.000		0	N.D.		
T m+p-Xylenes	0.000		0	N.D.		
T o-Xylene	0.000		0	N.D.		
T Styrene	0.000		0	N.D.		
T Bromoform	0.000		0	N.D.		
T Bromobenzene	0.000		0	N.D.		
T 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
T 1,2,3-Trichloropropane	0.000		0	N.D.		
T 2-Chlorotoluene	0.000		0	N.D.		
T 4-Chlorotoluene	0.000		0	N.D.		
T 1,3-Dichlorobenzene	0.000		0	N.D.		
T 1,4-Dichlorobenzene	0.000		0	N.D.		
T 1,2-Dichlorobenzene	0.000		0	N.D.		

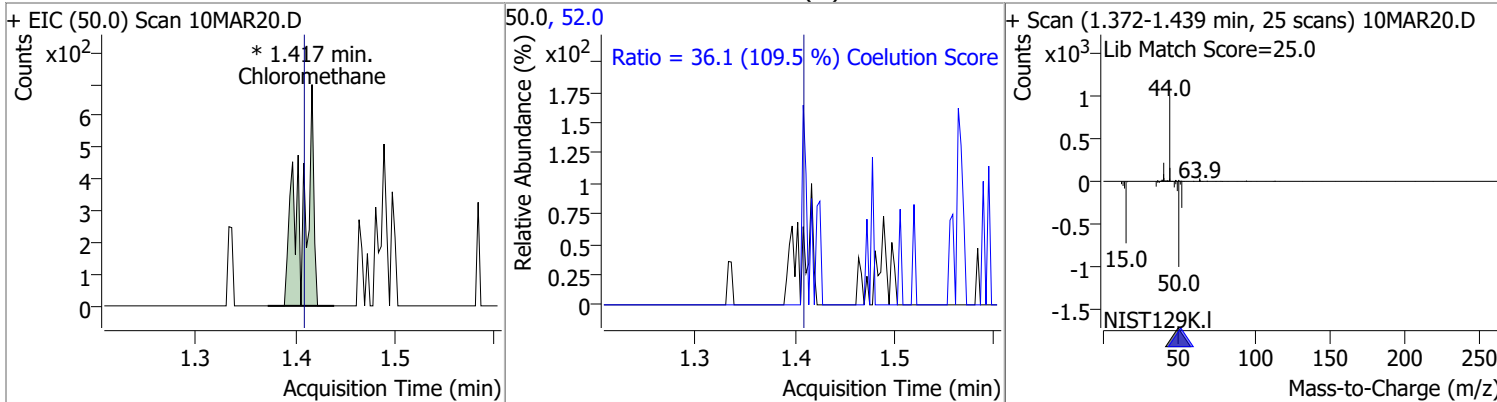
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

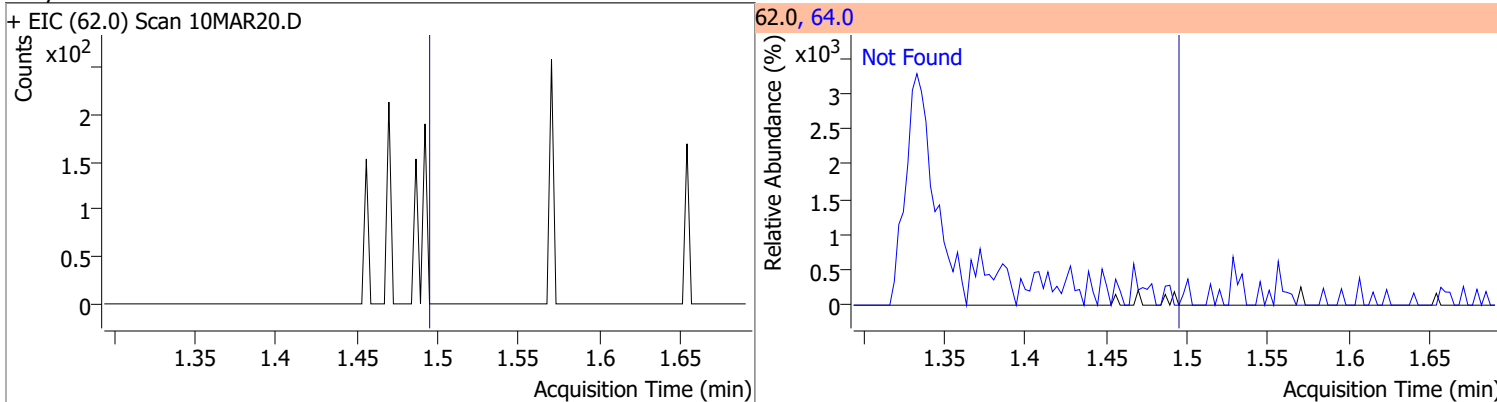
Compound	Conc.	Exp RT	QIon	Exp Ratio
Dichlorodifluoromethane	N.D.	1.24	87.0	33.5



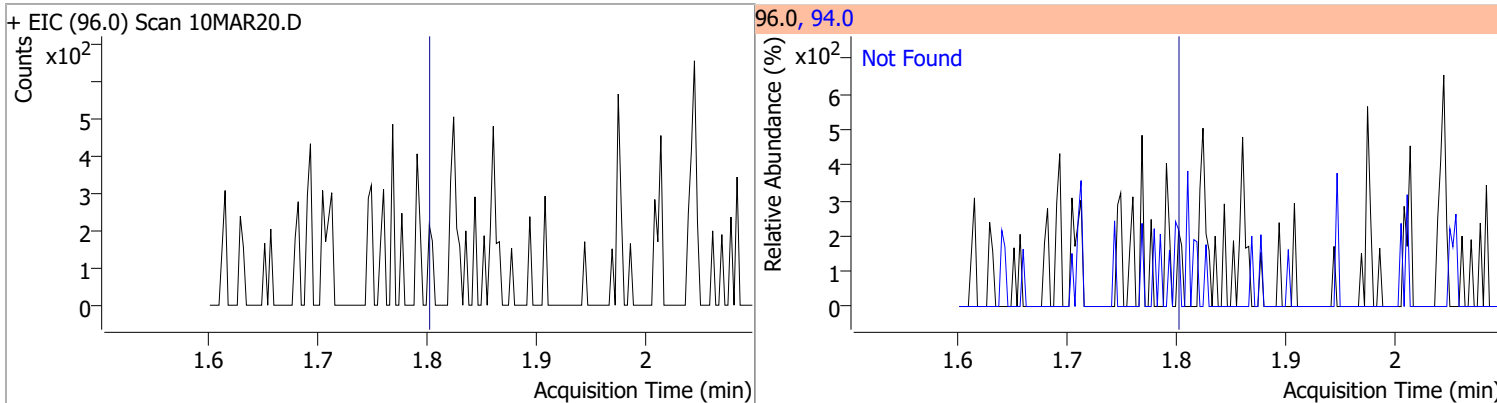
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	0.3602	1.42	0.01	563 (m)	52.0	36.1	3.0	63.0



Compound	Conc.	Exp RT	QIon	Exp Ratio
Vinyl chloride	N.D.	1.49	64.0	30.6

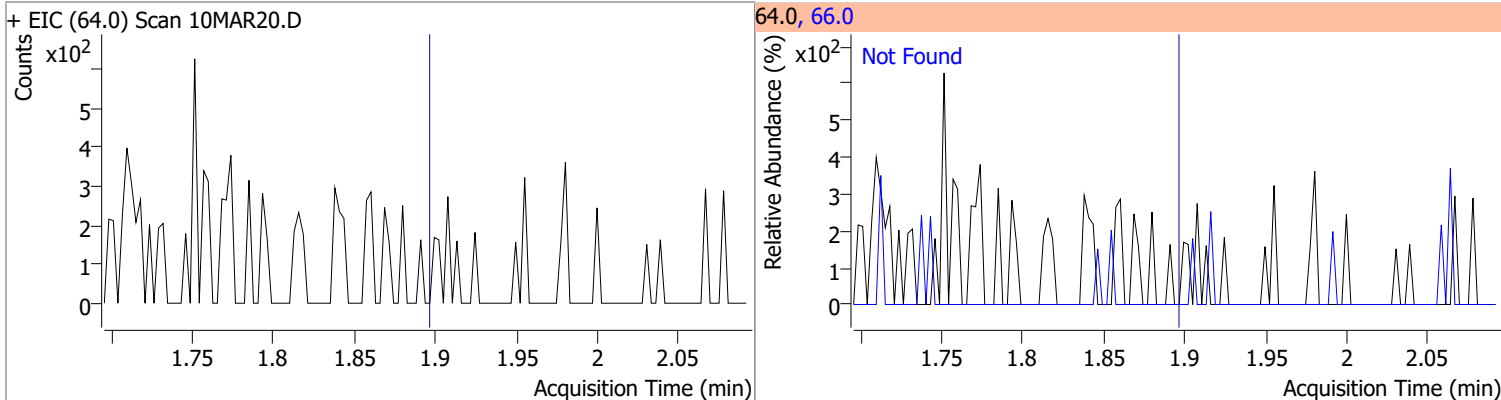


Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromomethane	N.D.	1.80	94.0	104.8

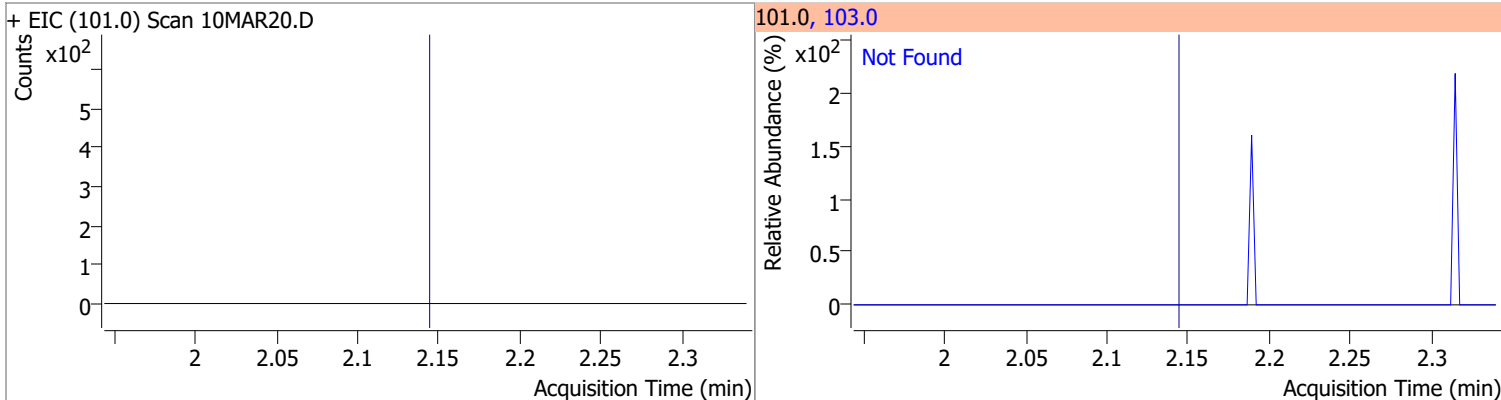


# Quantitation Results Report (QT Reviewed)

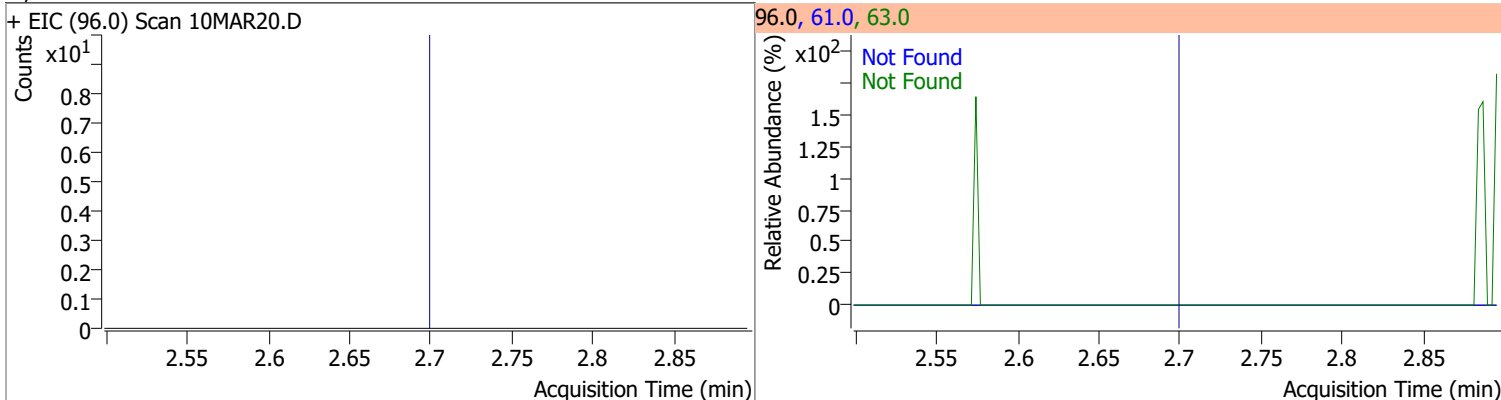
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chloroethane	N.D.	1.90	66.0	30.4



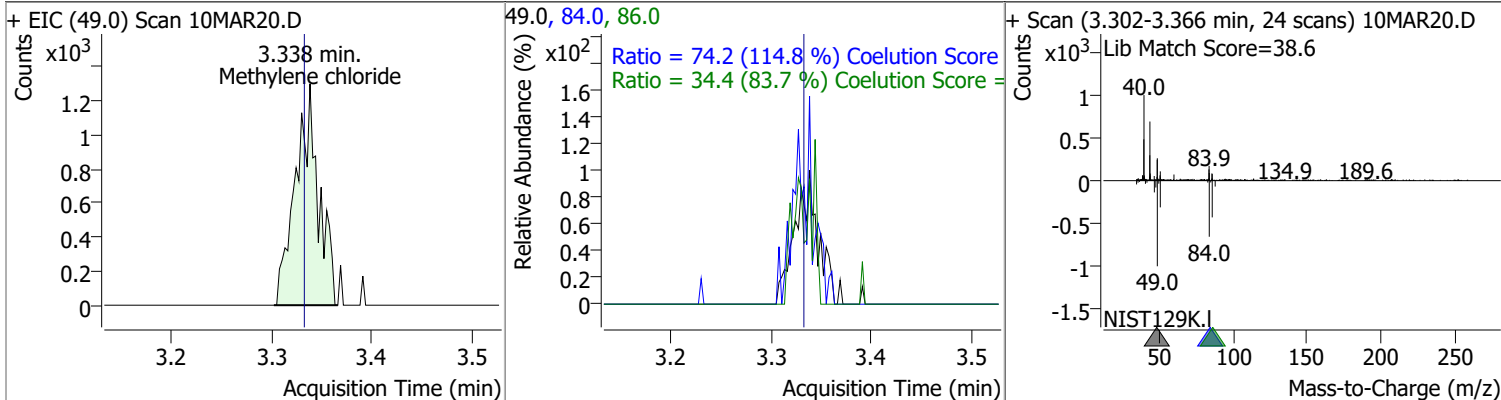
Compound	Conc.	Exp RT	QIon	Exp Ratio
Trichlorofluoromethane	N.D.	2.14	103.0	64.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethene	N.D.	2.70	61.0	178.4	63.0	55.7

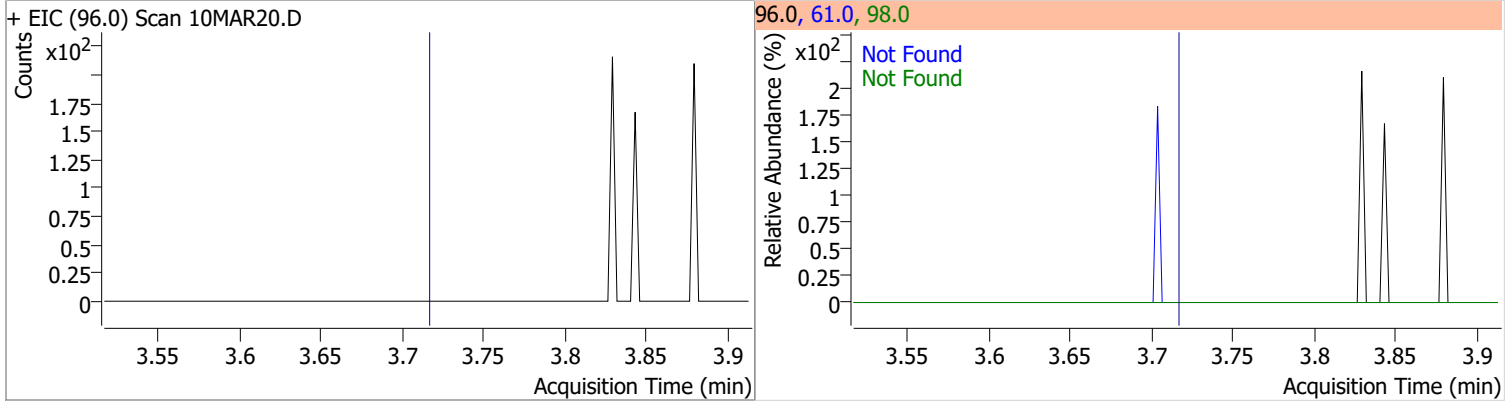


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	1.4509	3.34	0.01	2087	84.0	74.2	34.7	94.7
					86.0	34.4	11.1	71.1

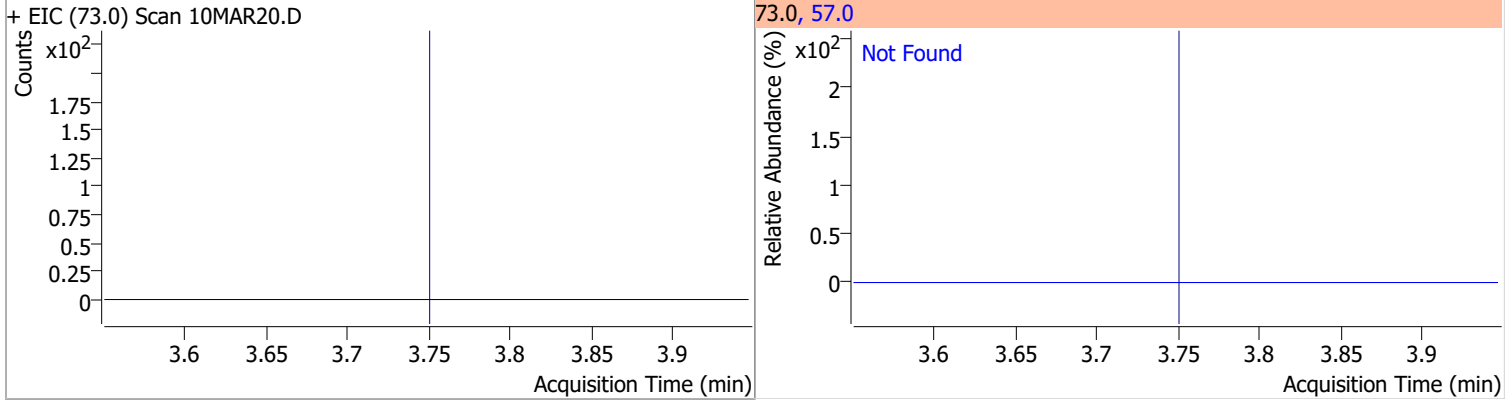


# Quantitation Results Report (QT Reviewed)

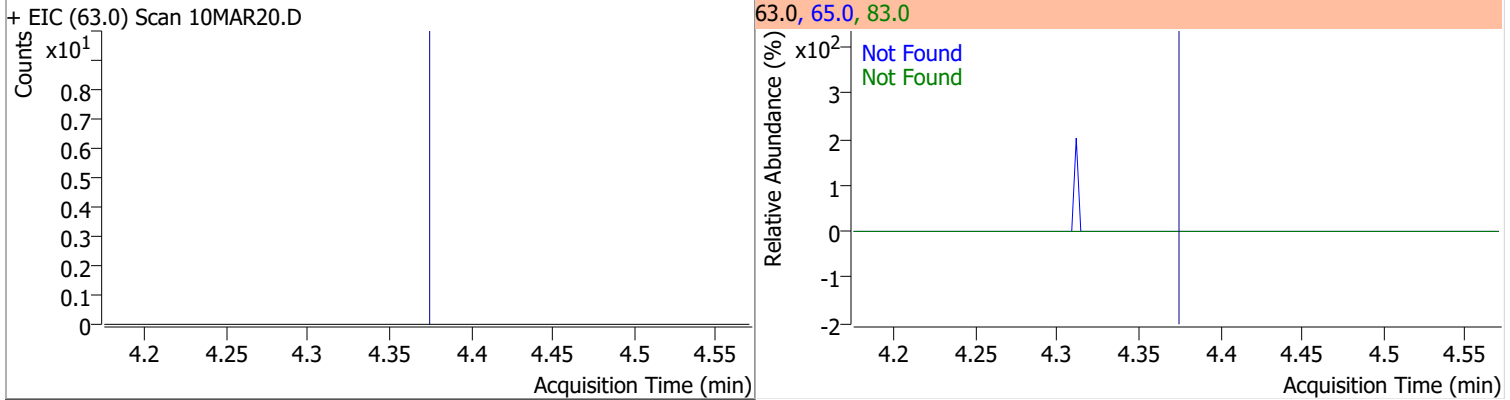
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,2-Dichloroethene	N.D.	3.72	61.0	157.7	98.0	62.9



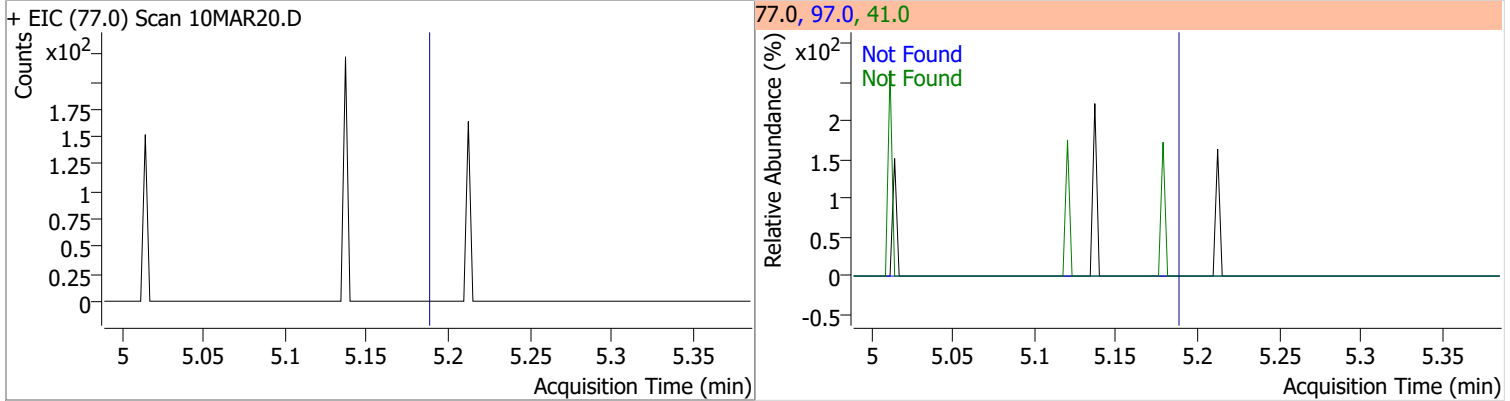
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl tert-butyl ether (MTBE)	N.D.	3.75	57.0	25.3



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1-Dichloroethane	N.D.	4.38	65.0	30.1	83.0	11.9



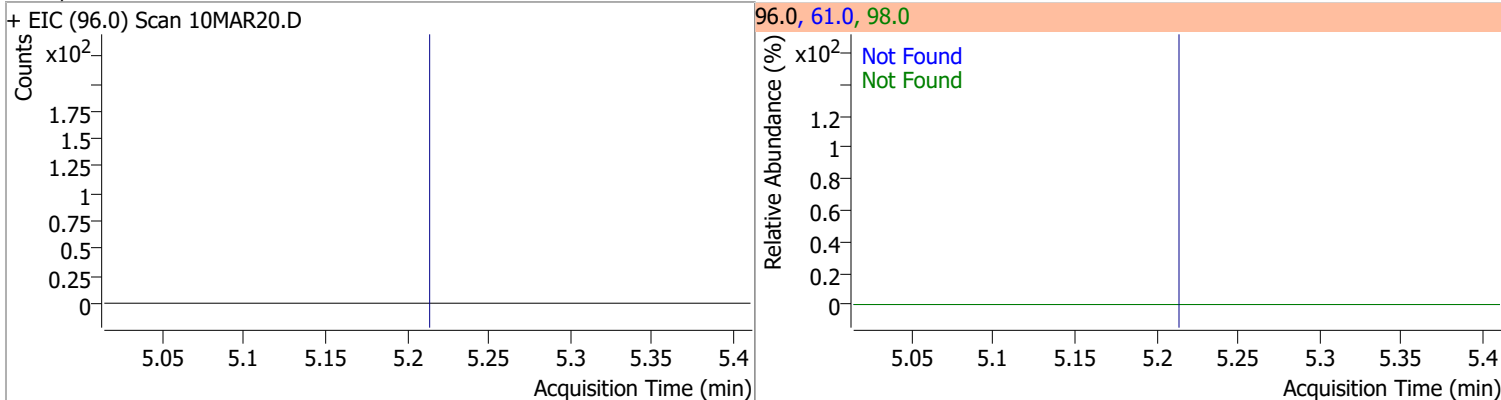
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
2,2-Dichloropropane	N.D.	5.19	41.0	68.2	97.0	22.4



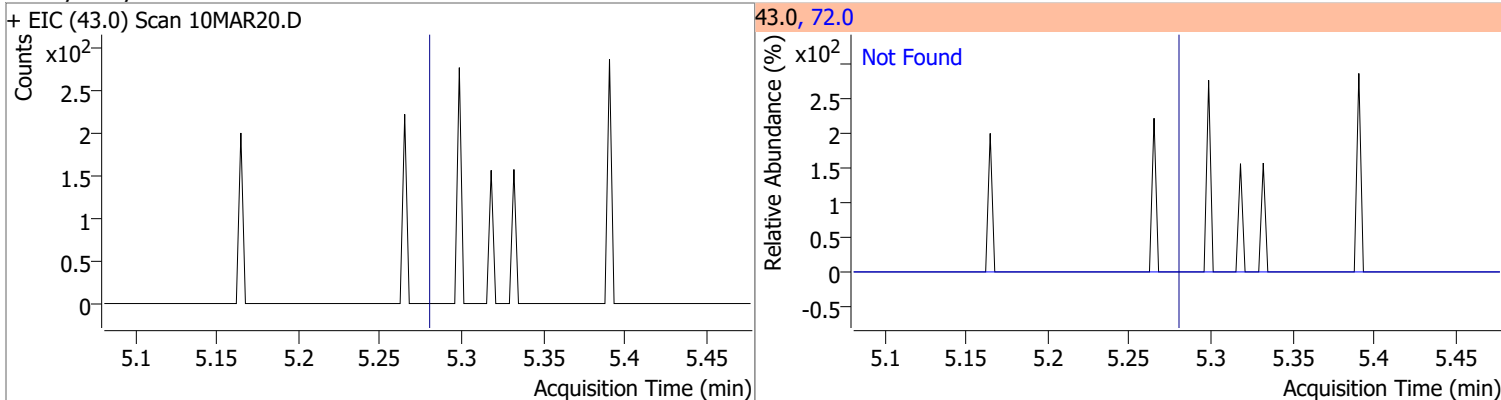


# Quantitation Results Report (QT Reviewed)

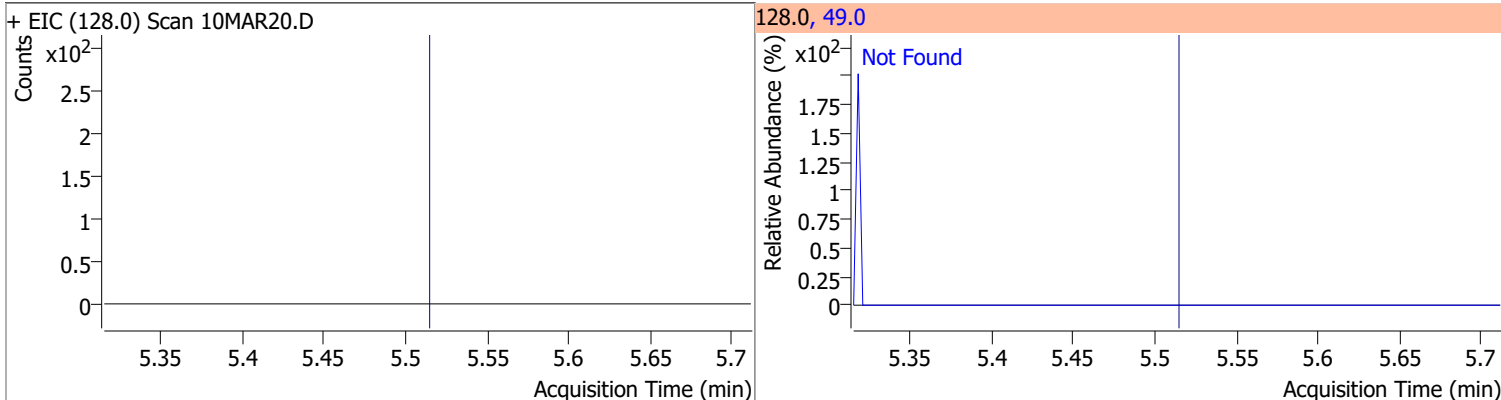
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
cis-1,2-Dichloroethene	N.D.	5.21	61.0	168.1	98.0	63.7



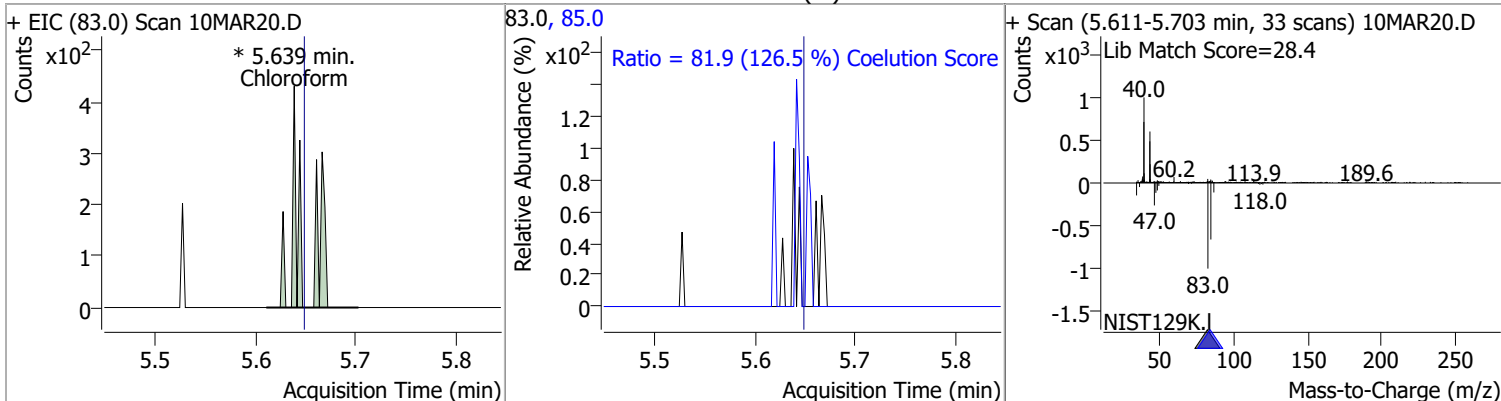
Compound	Conc.	Exp RT	QIon	Exp Ratio
Methyl ethyl ketone	N.D.	5.28	72.0	20.3



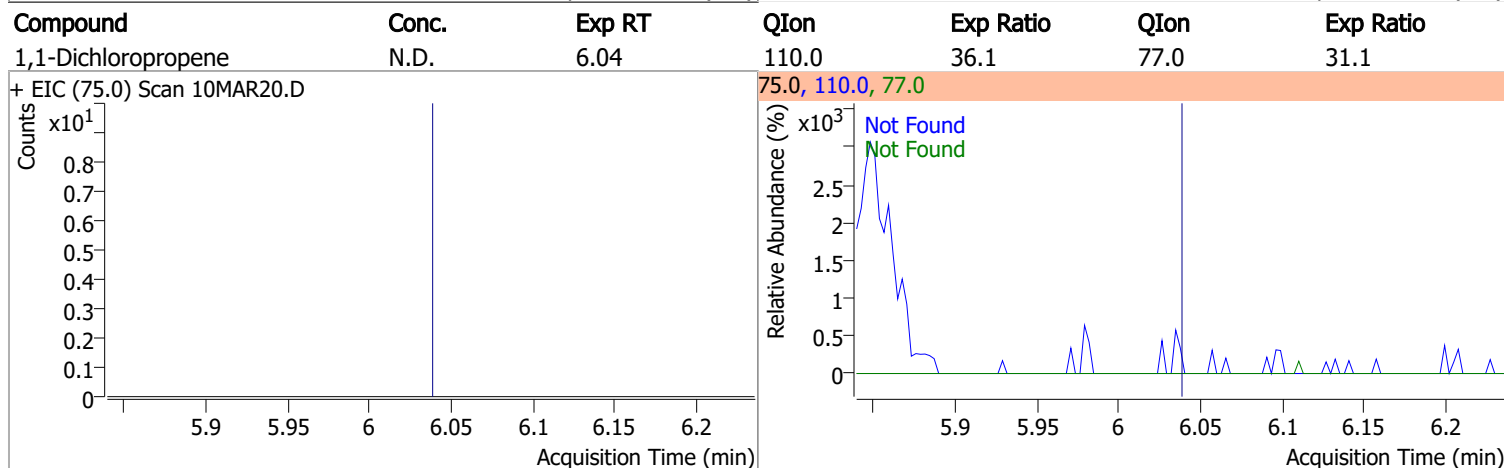
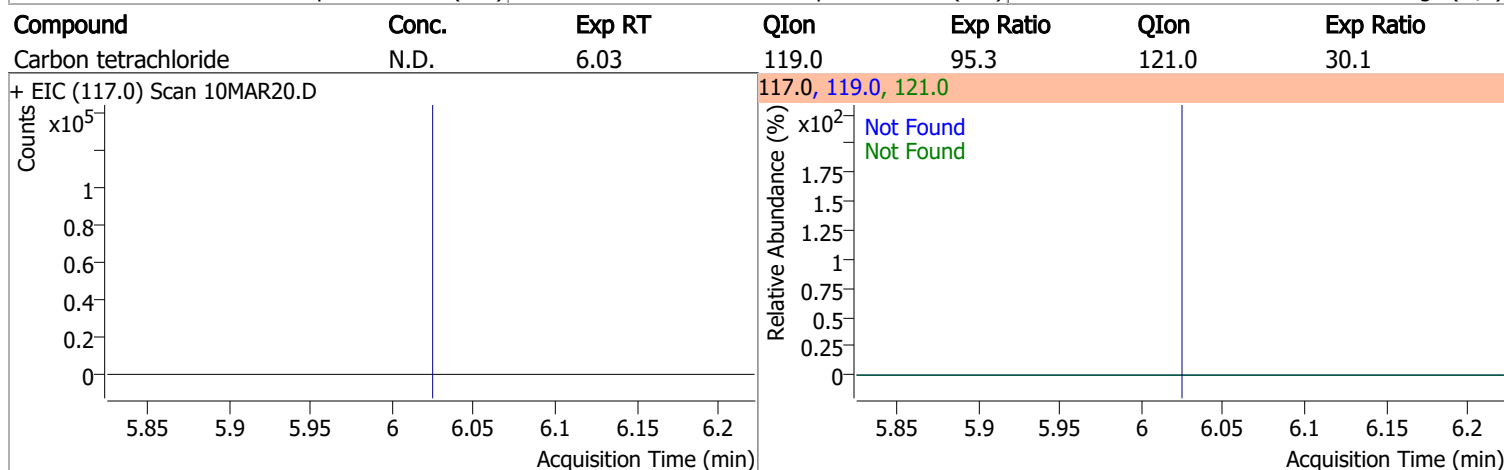
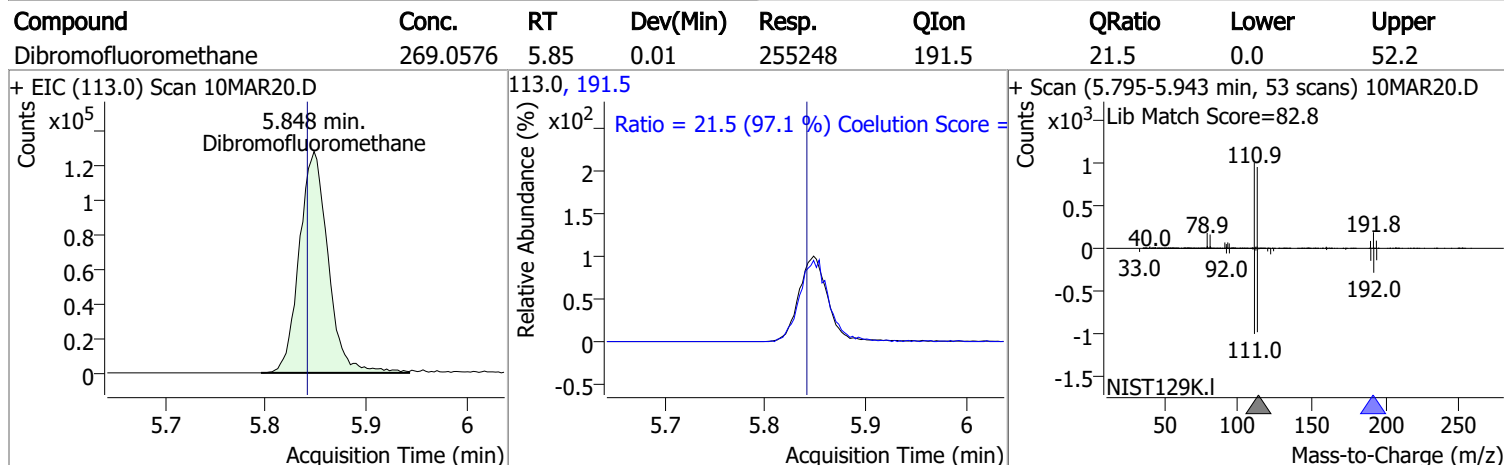
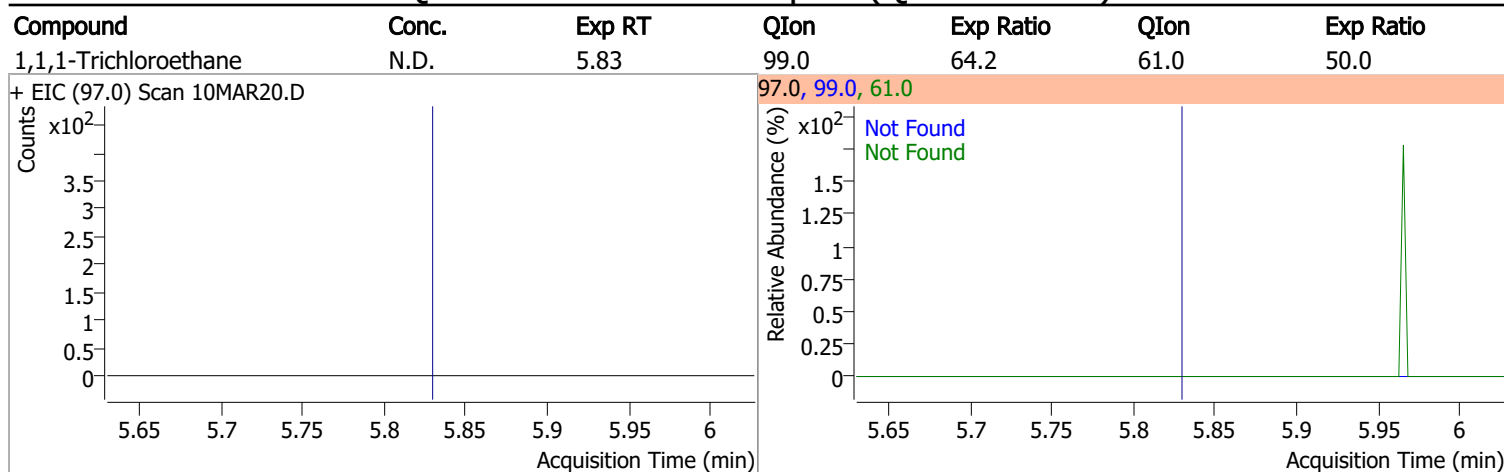
Compound	Conc.	Exp RT	QIon	Exp Ratio
Bromochloromethane	N.D.	5.52	49.0	189.1



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	0.1564	5.64	-0.01	289 (m)	85.0	81.9	34.7	94.7

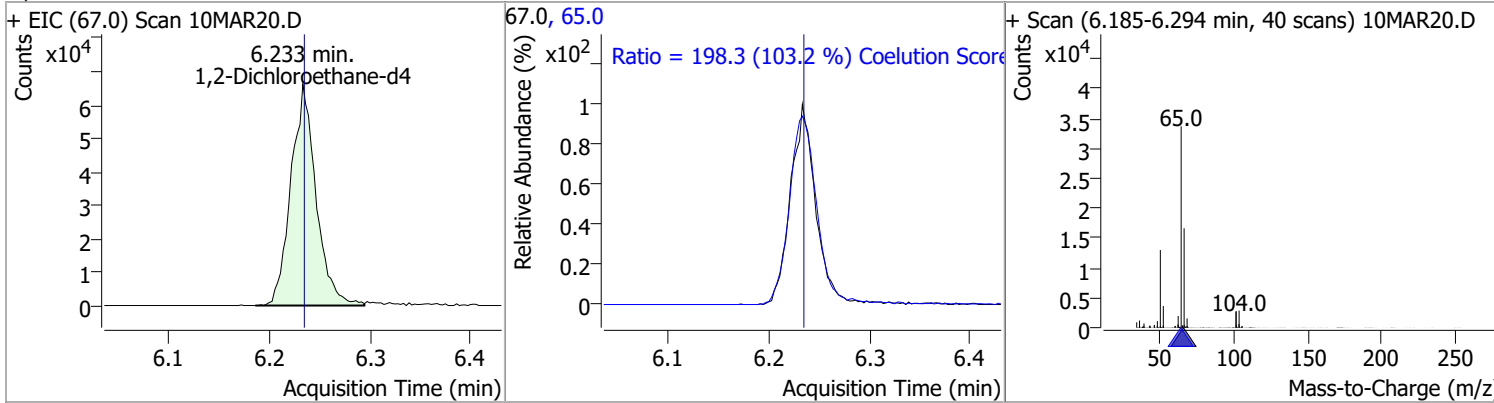


# Quantitation Results Report (QT Reviewed)

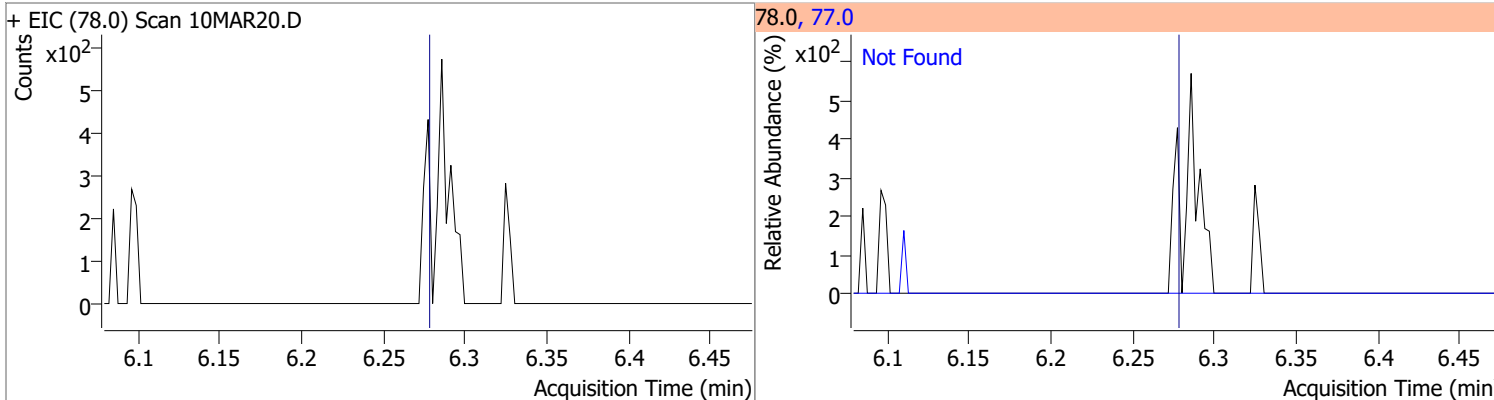


# Quantitation Results Report (QT Reviewed)

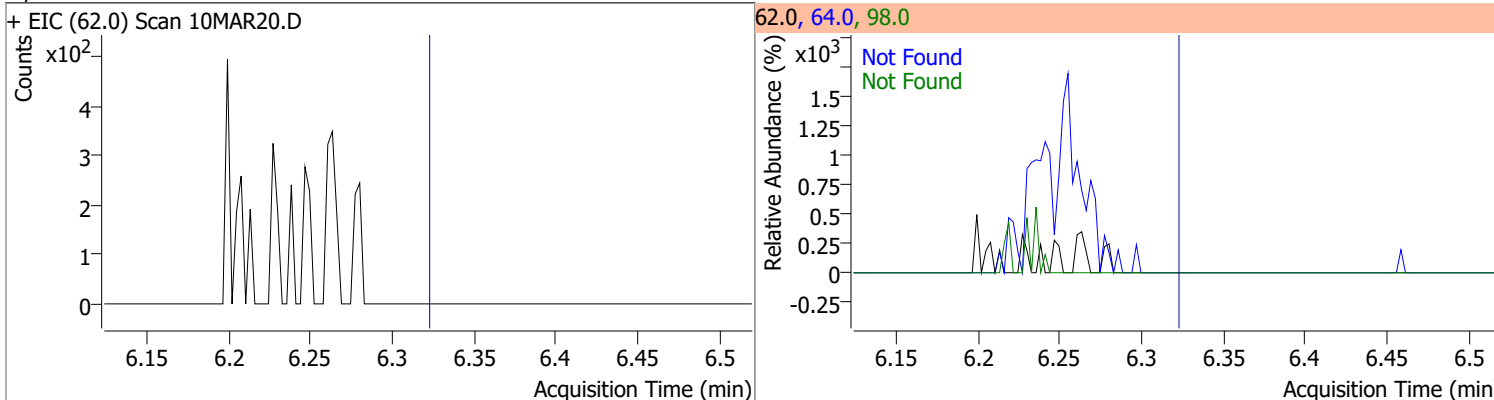
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	271.6863	6.23	0.00	115047	65.0	198.3	162.2	222.2



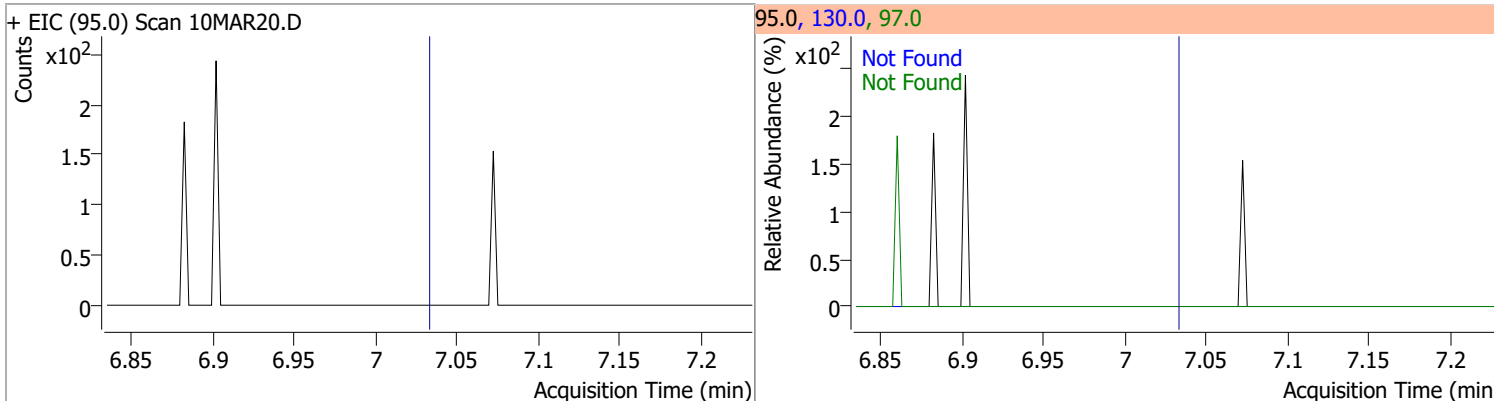
Compound	Conc.	Exp RT	QIon	Exp Ratio
Benzene	N.D.	6.28	77.0	23.0



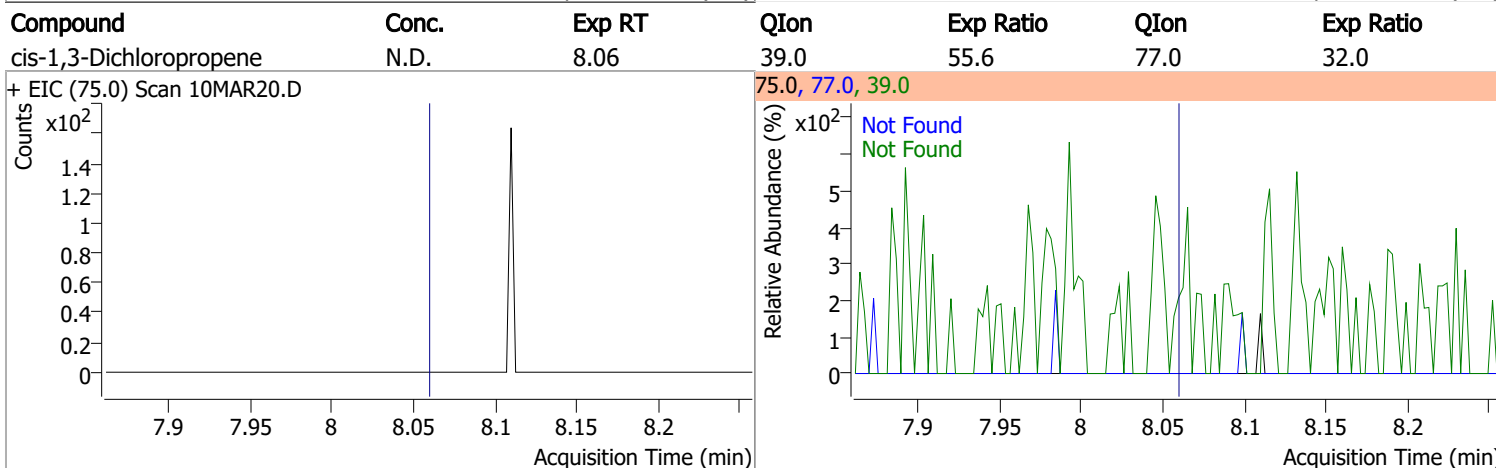
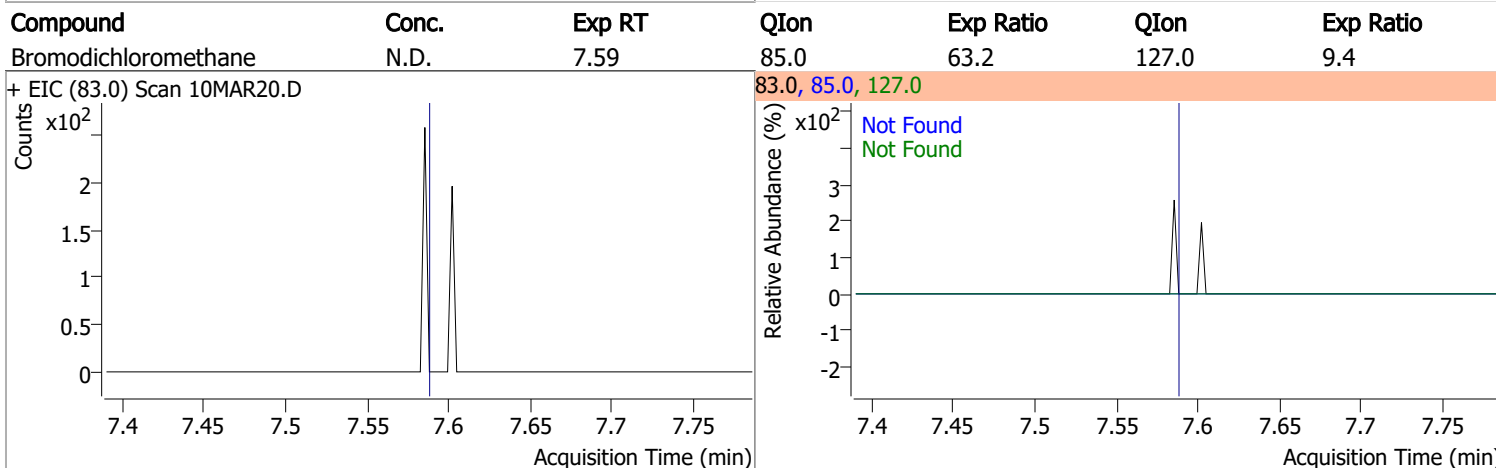
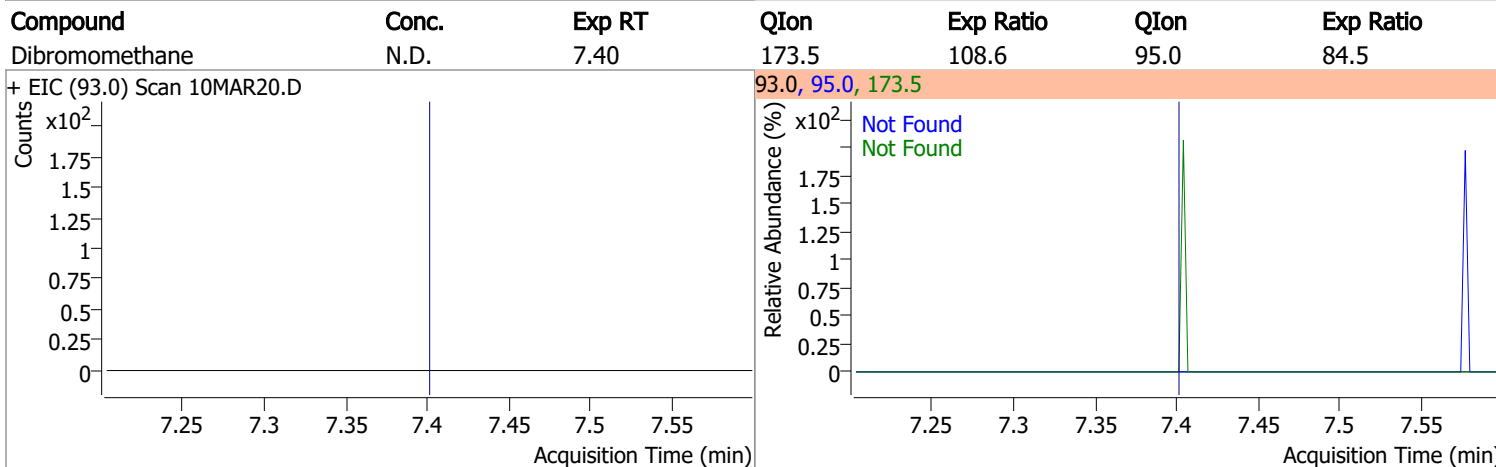
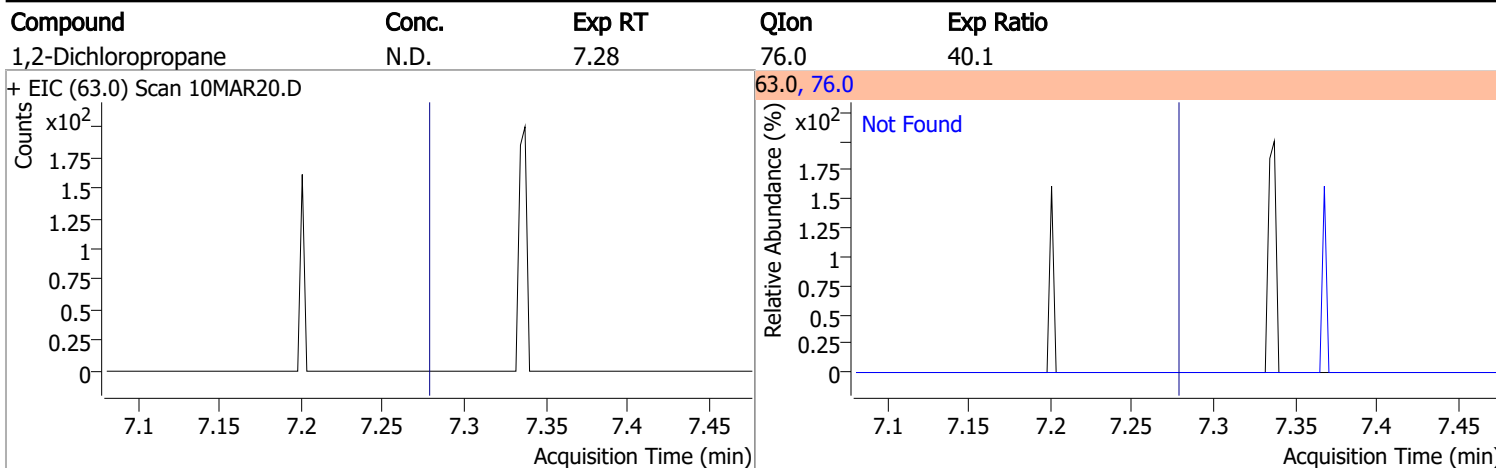
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,2-Dichloroethane	N.D.	6.32	64.0	32.3	98.0	8.0



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Trichloroethene	N.D.	7.03	130.0	102.3	97.0	63.5

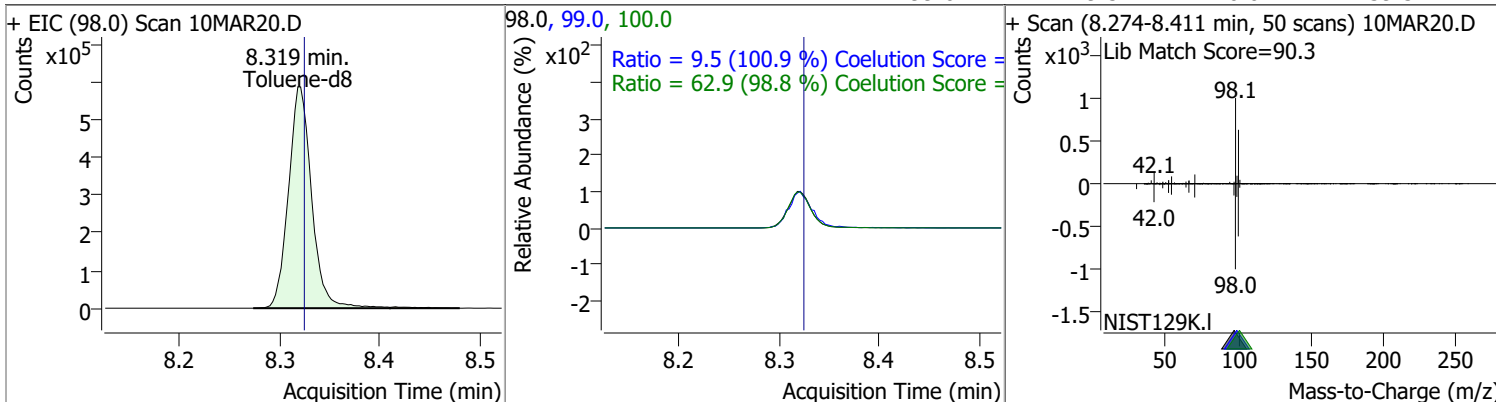


# Quantitation Results Report (QT Reviewed)

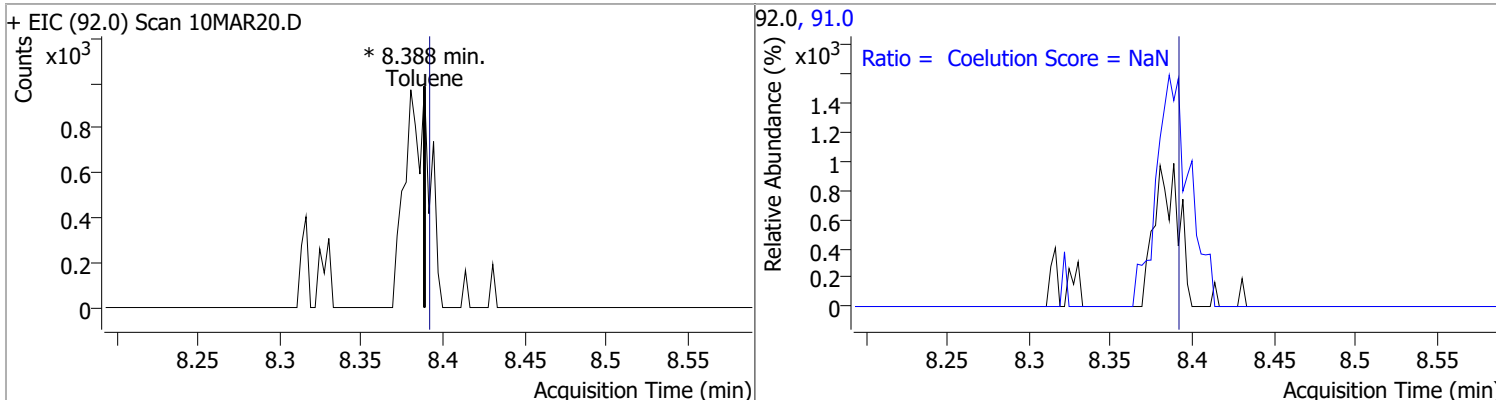


# Quantitation Results Report (QT Reviewed)

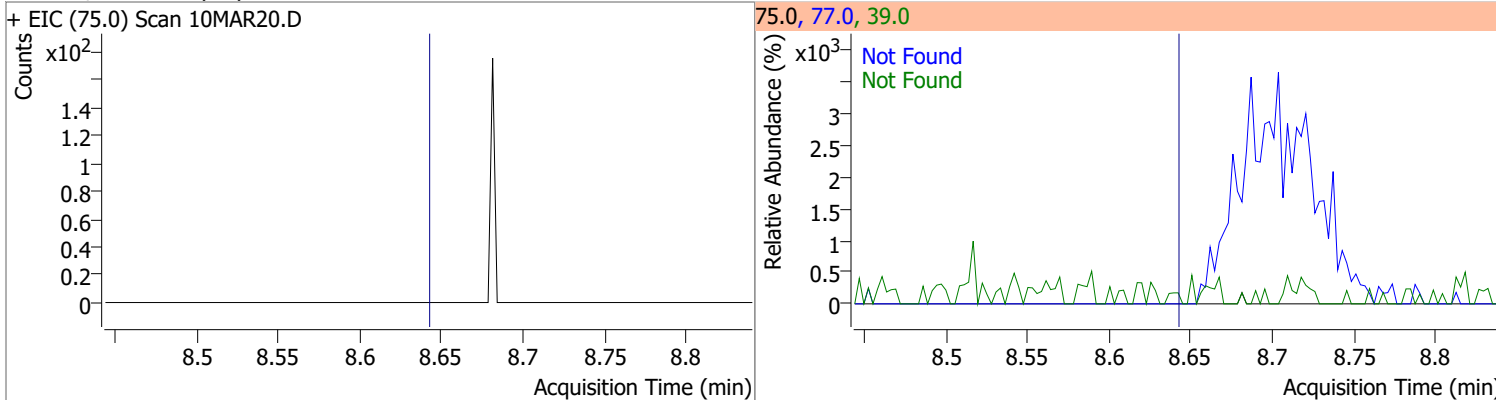
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	238.4426	8.32	0.00	942952	100.0	62.9	33.7	93.7
					99.0	9.5	0.0	39.5



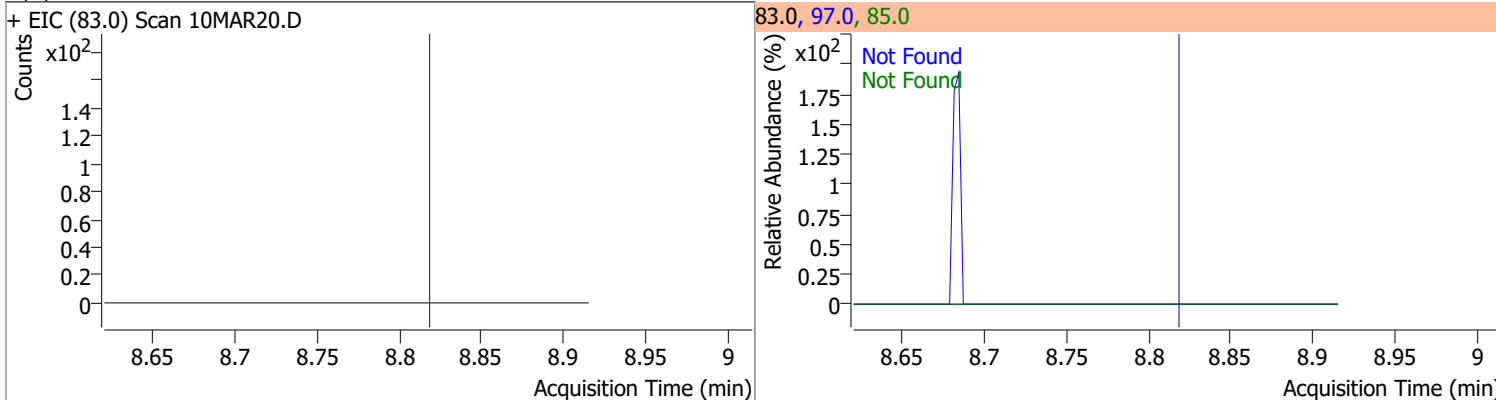
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	0	0	0	0	91.0		147.9	207.9



Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
trans-1,3-Dichloropropene	N.D.	8.64	39.0	53.2	77.0	32.8

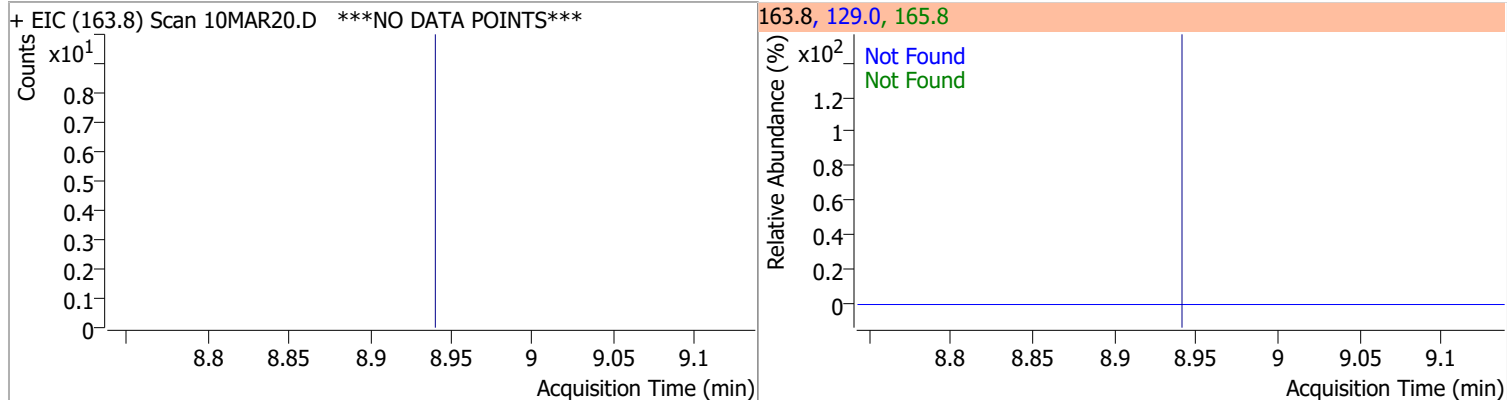


Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
1,1,2-Trichloroethane	N.D.	8.82	97.0	113.0	85.0	64.9

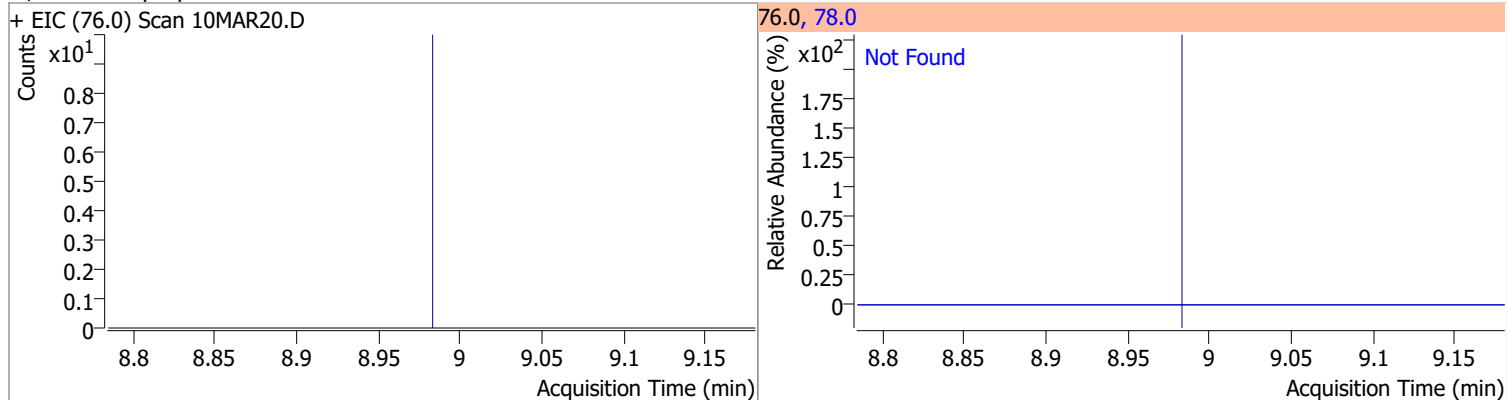


# Quantitation Results Report (QT Reviewed)

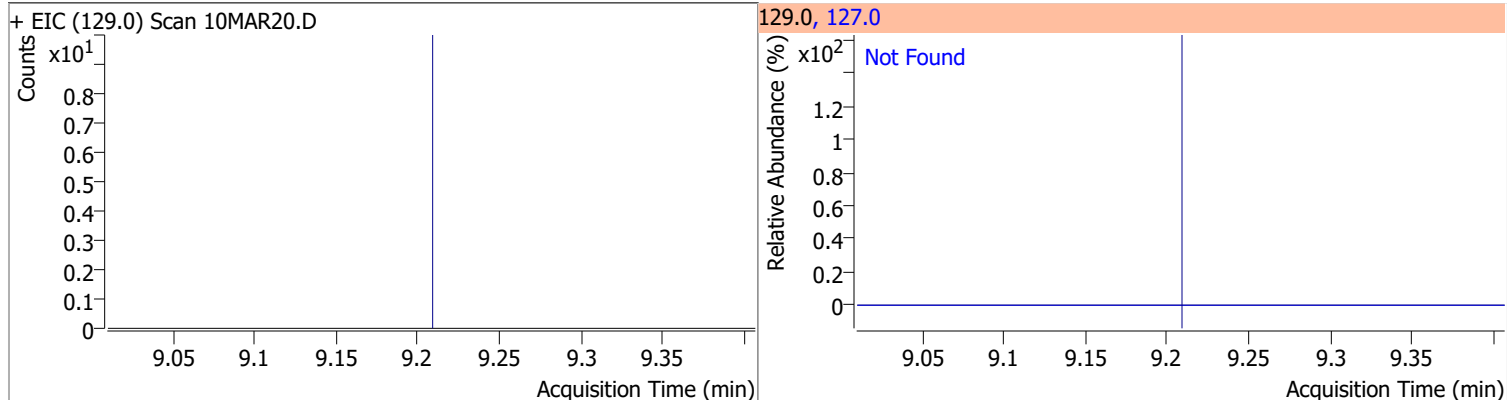
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Tetrachloroethene	N.D.	8.94	165.8	127.2	129.0	88.6



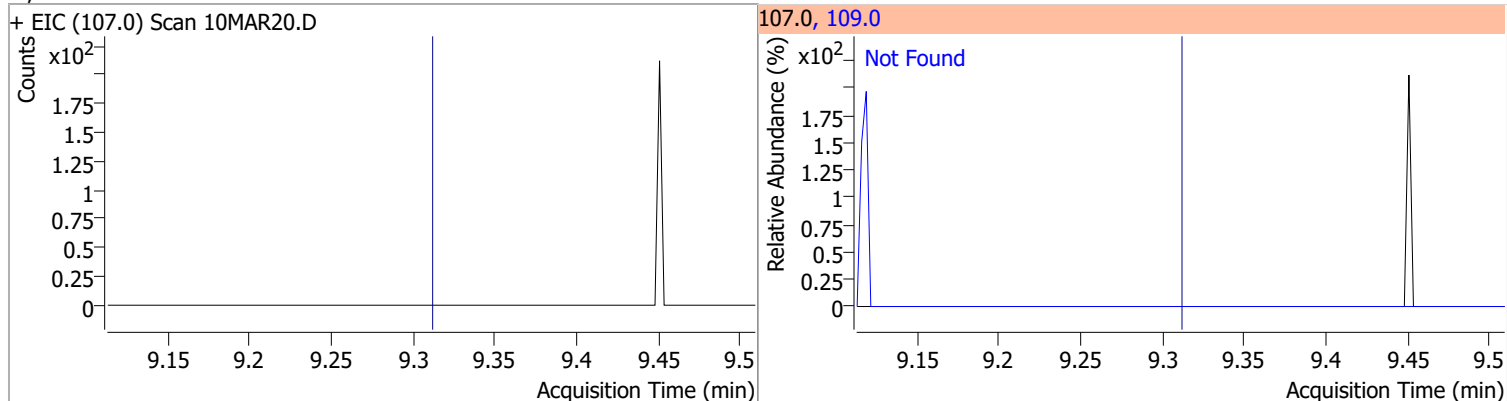
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,3-Dichloropropane	N.D.	8.98	78.0	31.3



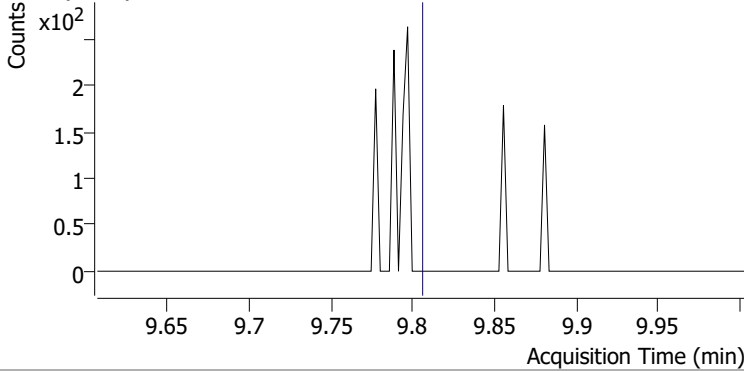
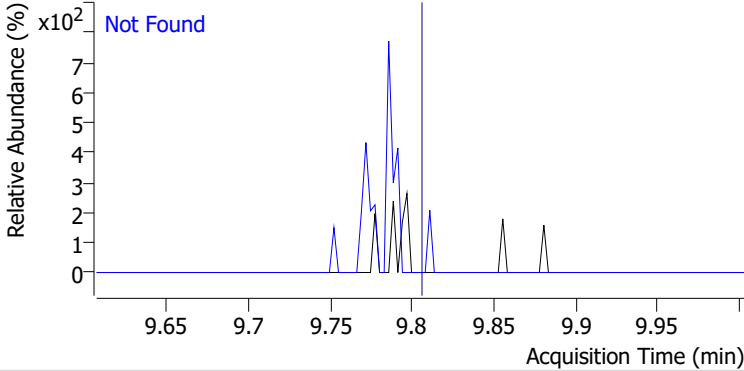
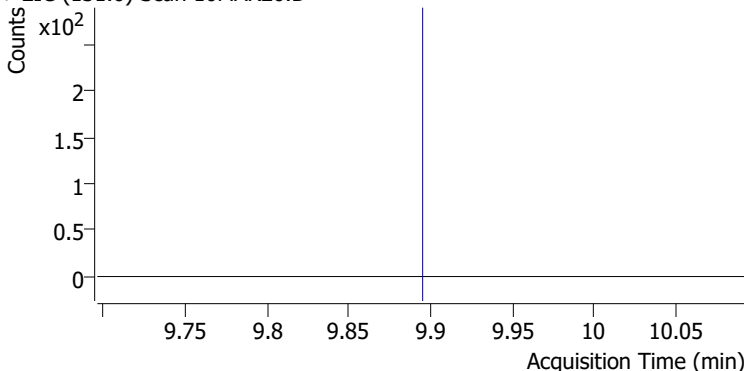
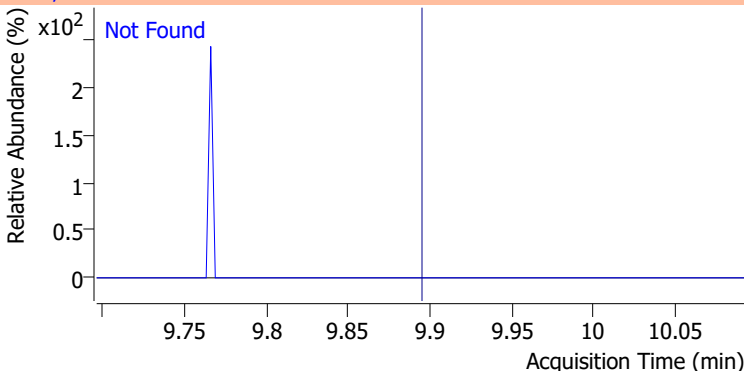
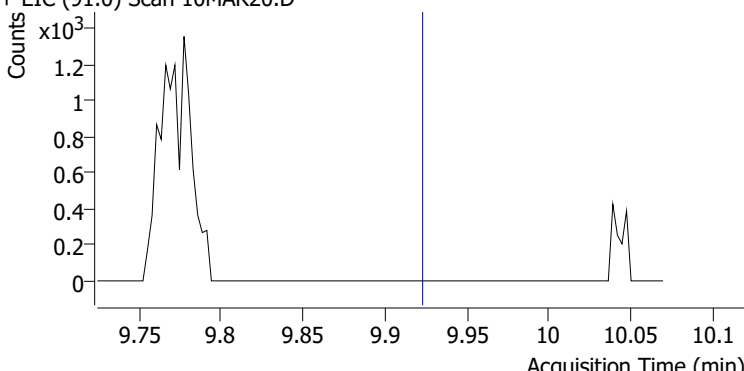
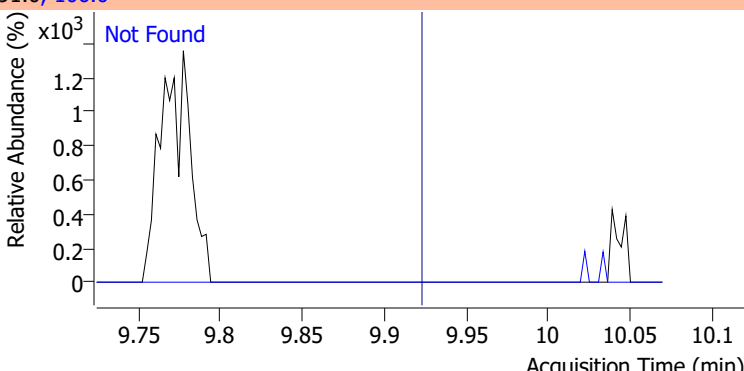
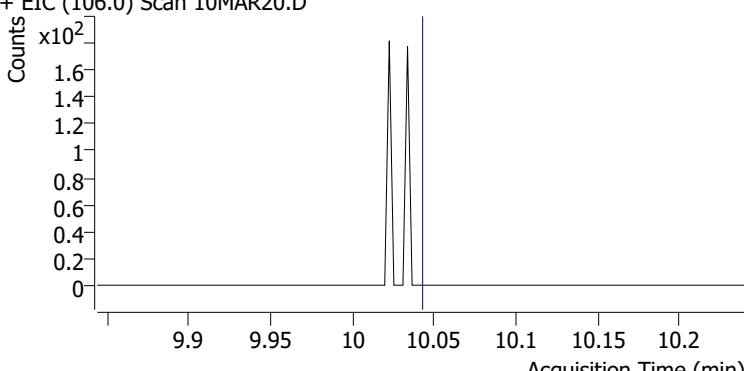
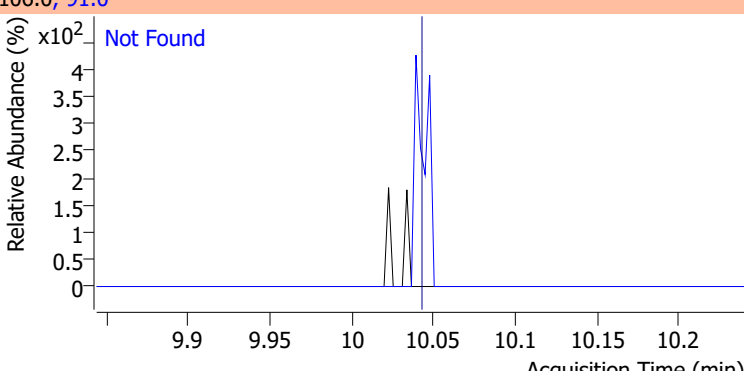
Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorodibromomethane	N.D.	9.21	127.0	76.1



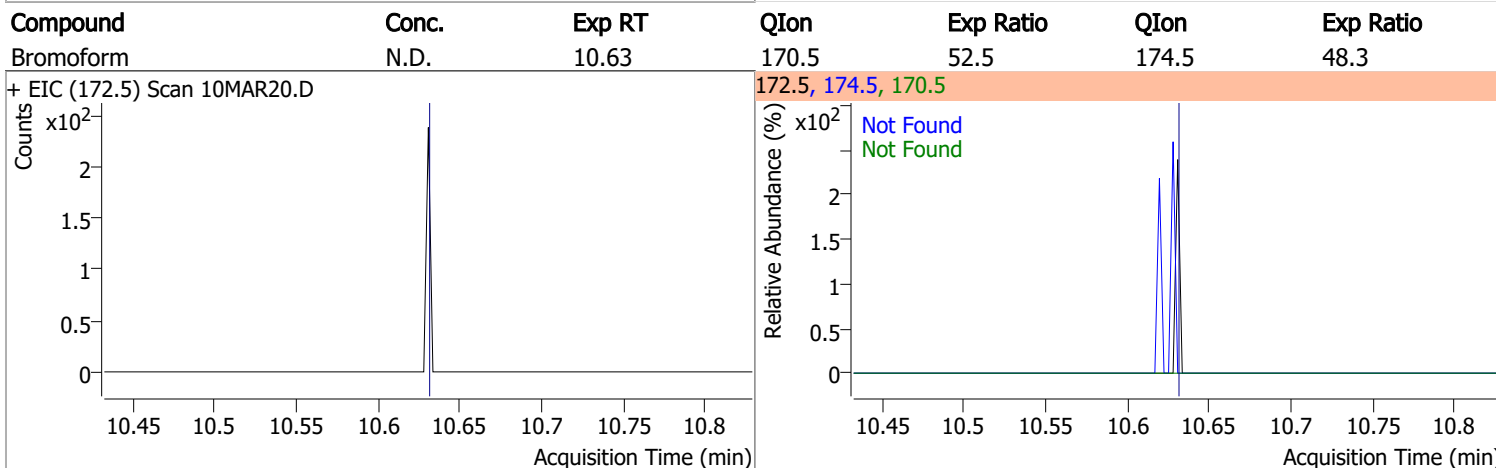
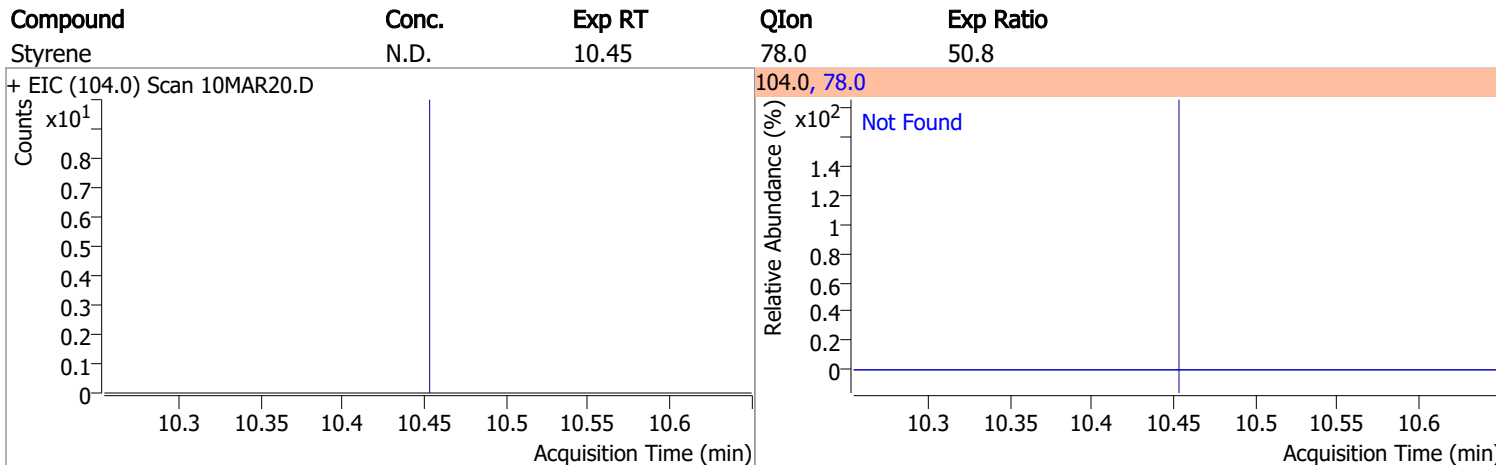
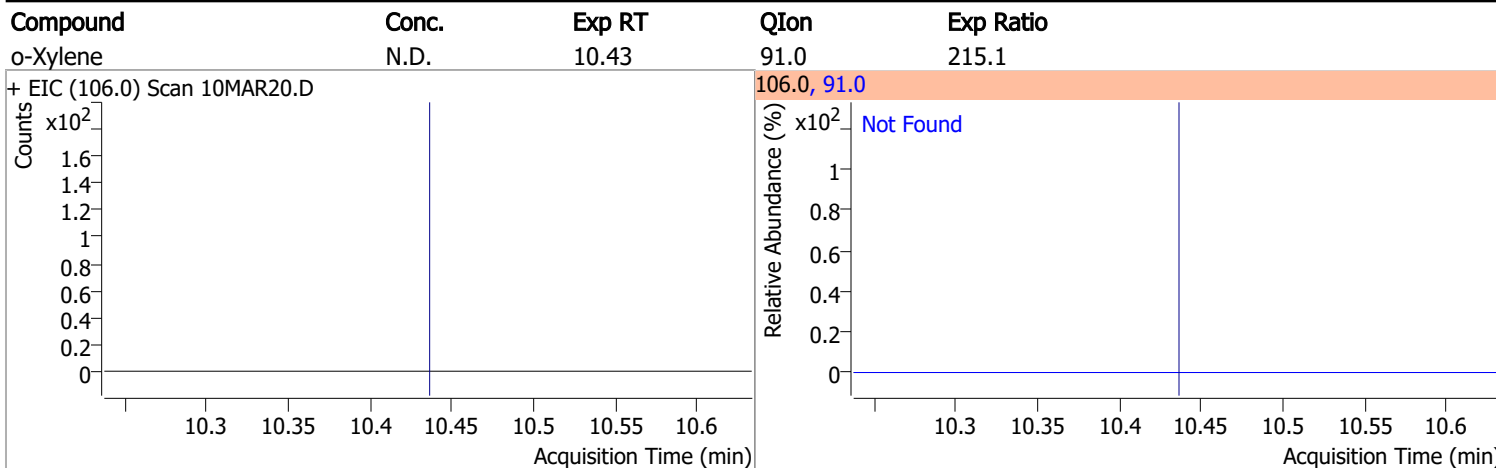
Compound	Conc.	Exp RT	QIon	Exp Ratio
1,2-Dibromoethane	N.D.	9.31	109.0	95.4



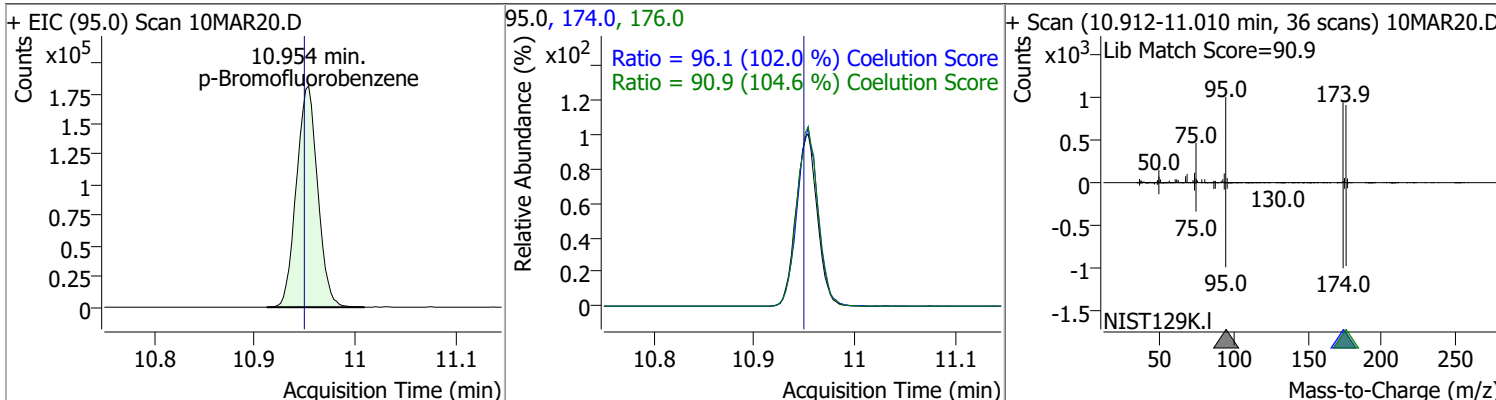
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
Chlorobenzene	N.D.	9.80	114.0	31.6
+ EIC (112.0) Scan 10MAR20.D			112.0, 114.0	
				
1,1,1,2-Tetrachloroethane	N.D.	9.89	133.0	97.9
+ EIC (131.0) Scan 10MAR20.D			131.0, 133.0	
				
Ethylbenzene	N.D.	9.92	106.0	31.2
+ EIC (91.0) Scan 10MAR20.D			91.0, 106.0	
				
m+p-Xylenes	N.D.	10.04	91.0	203.1
+ EIC (106.0) Scan 10MAR20.D			106.0, 91.0	
				

# Quantitation Results Report (QT Reviewed)

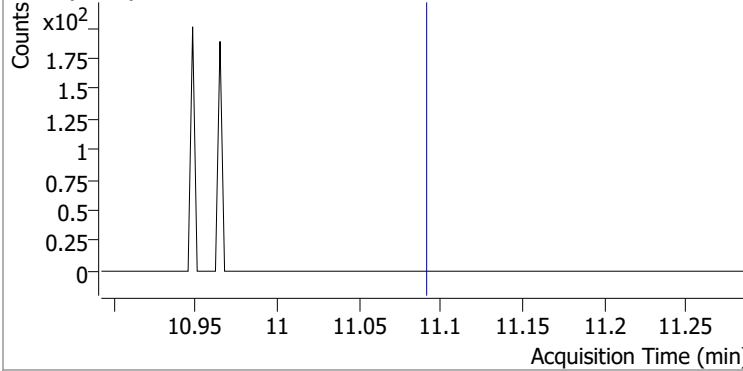
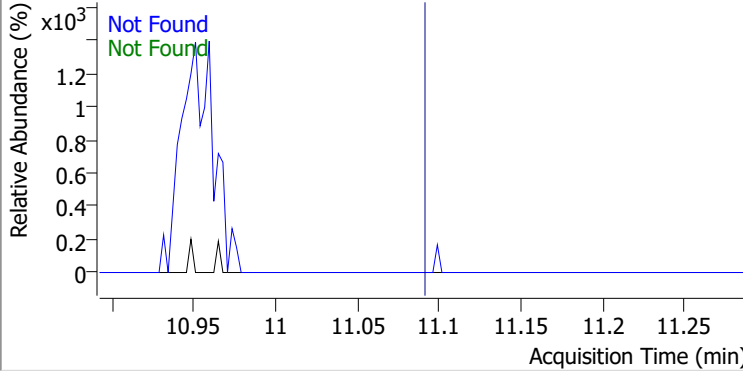
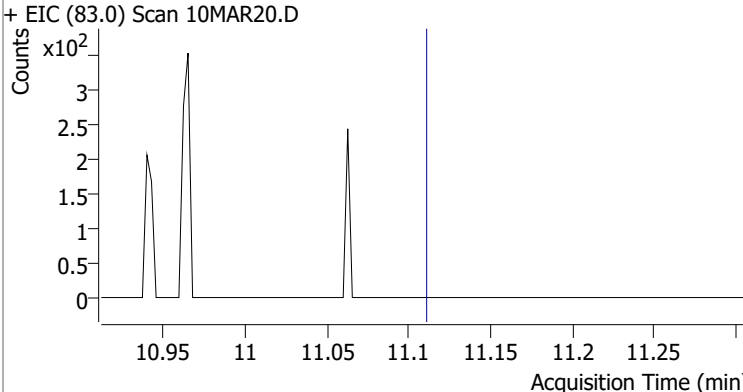
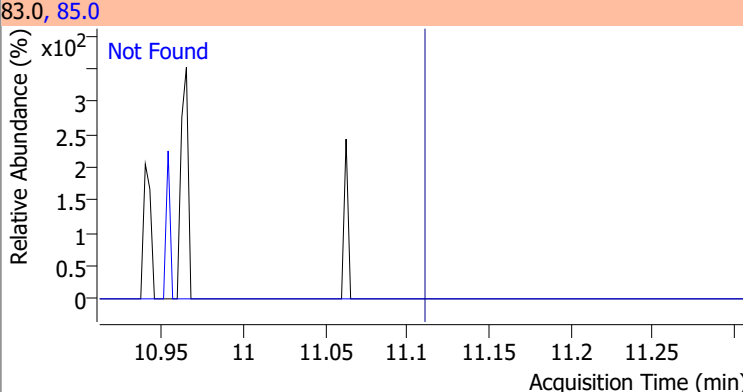
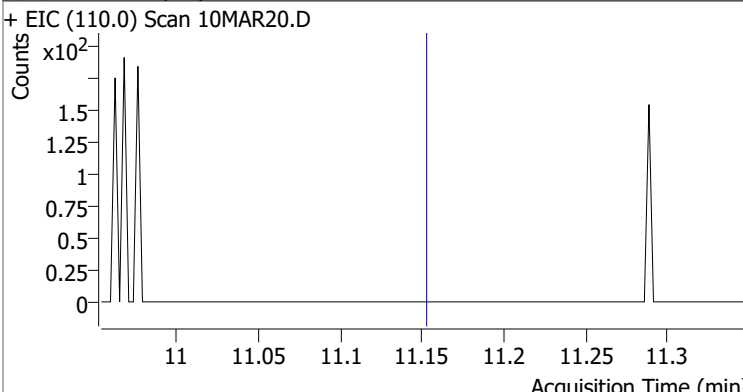
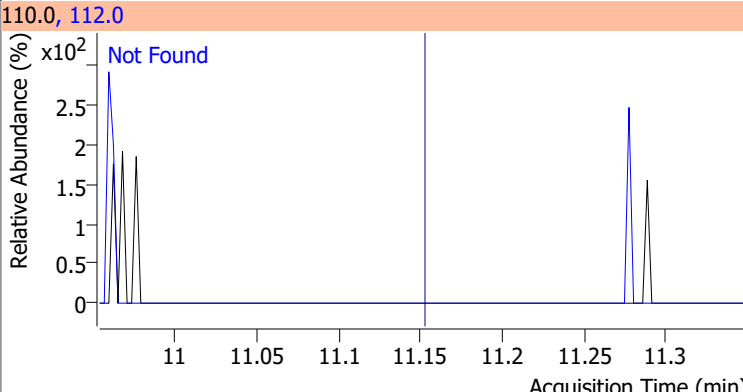
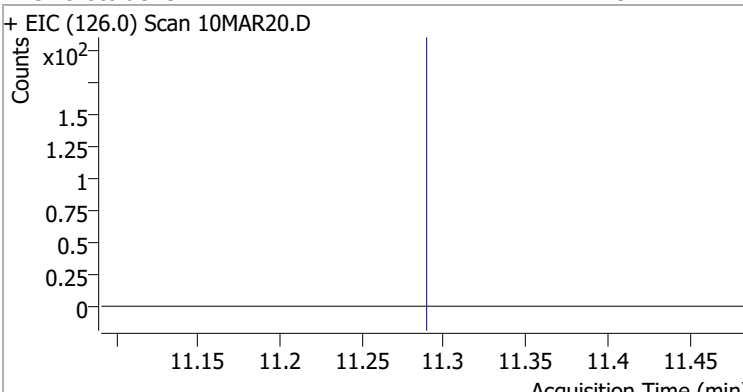
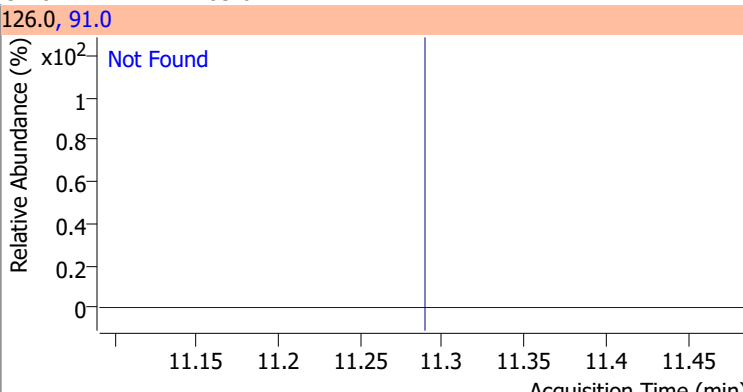


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	268.3934	10.95	0.01	266351	174.0	96.1	64.2	124.2
					176.0	90.9	56.9	116.9

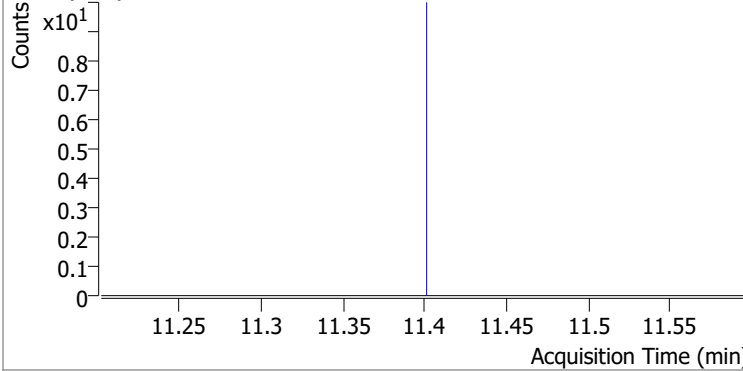
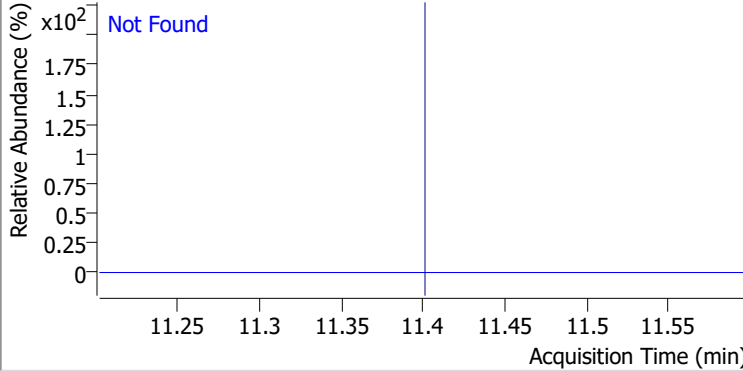
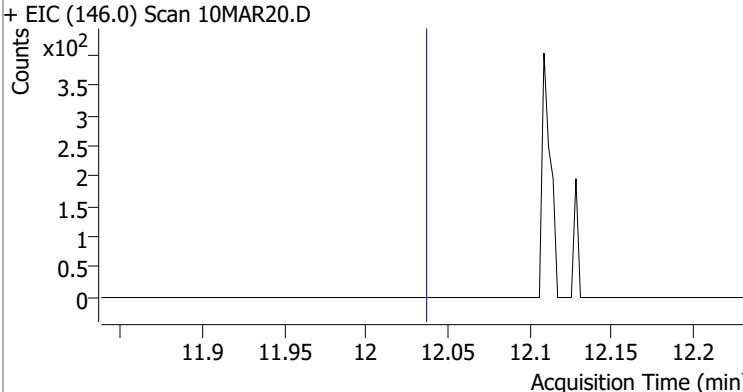
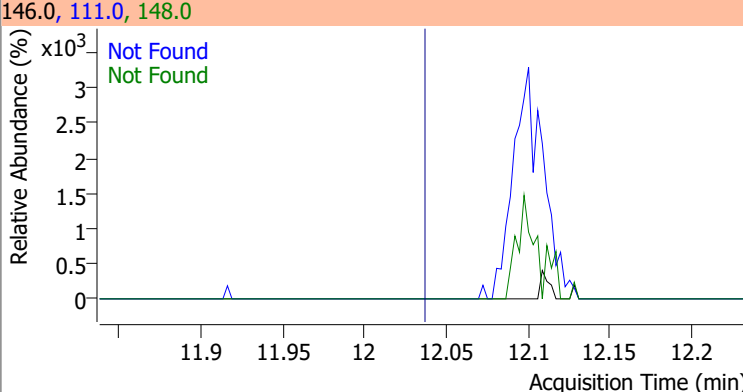
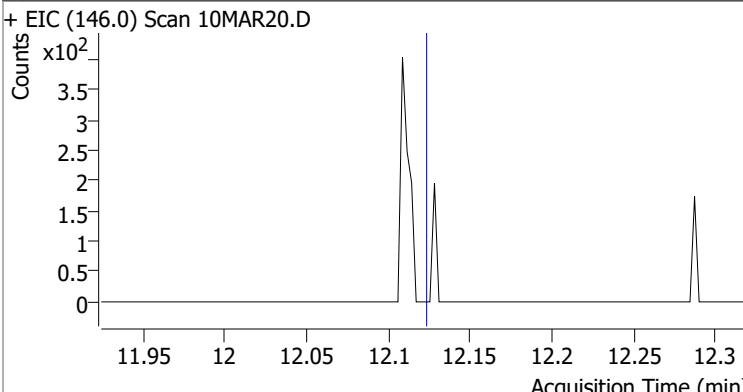
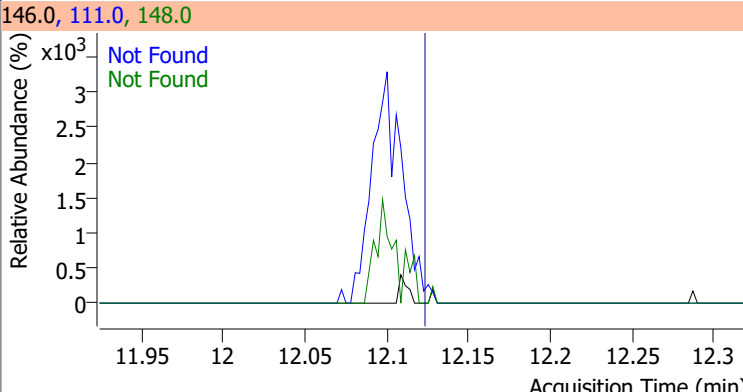
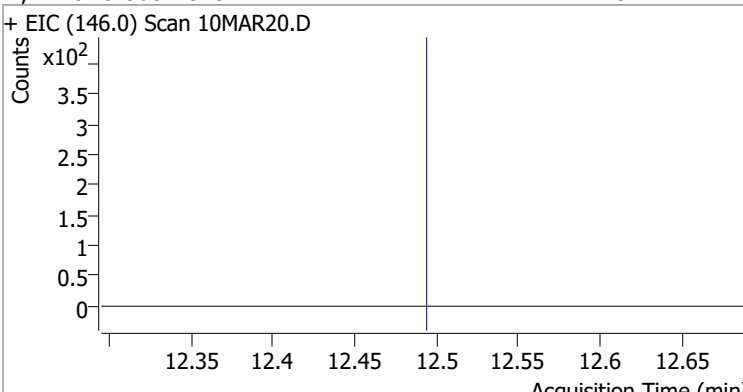
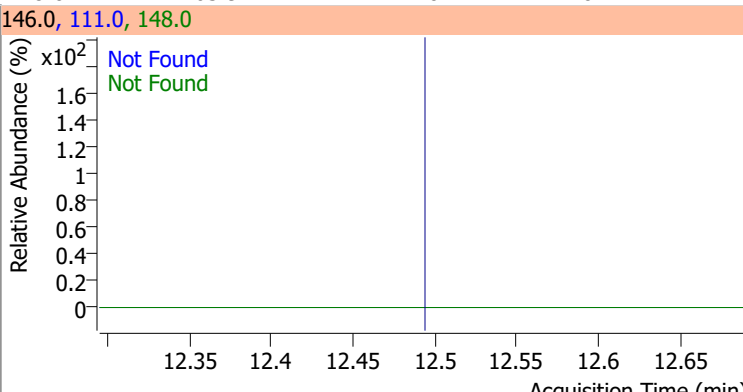




# Quantitation Results Report (QT Reviewed)

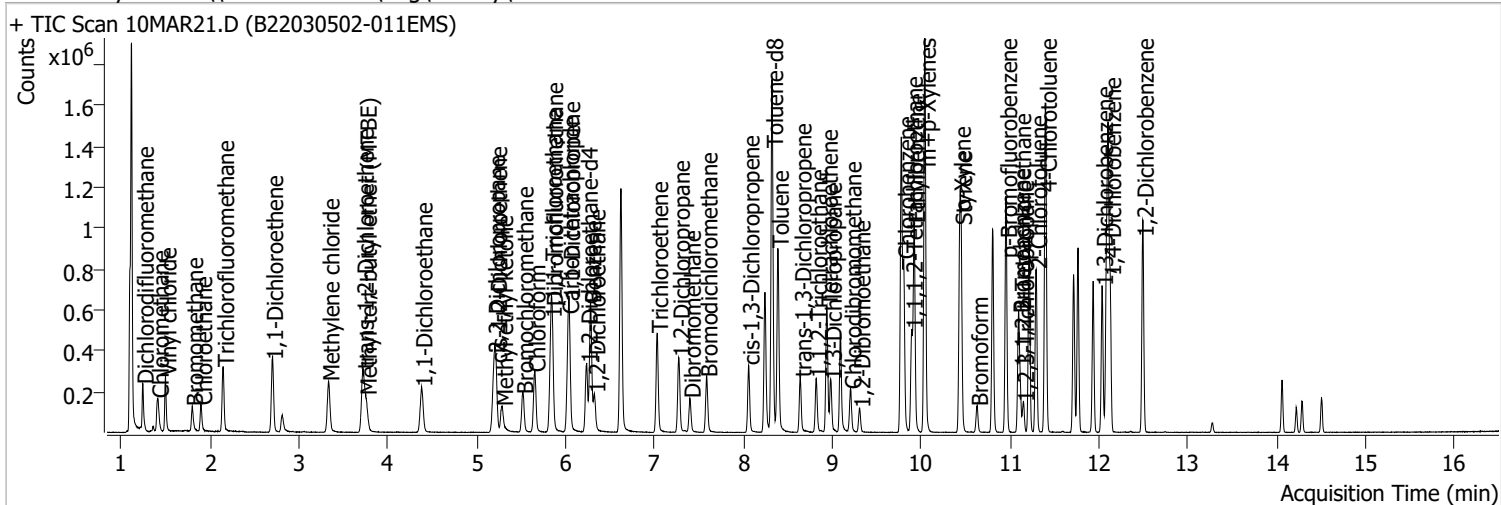
Compound	Conc.	Exp RT	QIon	Exp Ratio	QIon	Exp Ratio
Bromobenzene	N.D.	11.09	77.0	147.1	158.0	97.6
+ EIC (156.0) Scan 10MAR20.D			156.0, 77.0, 158.0			
						
1,1,2,2-Tetrachloroethane	N.D.	11.11	85.0	64.7		
+ EIC (83.0) Scan 10MAR20.D			83.0, 85.0			
						
1,2,3-Trichloropropane	N.D.	11.15	112.0	67.9		
+ EIC (110.0) Scan 10MAR20.D			110.0, 112.0			
						
2-Chlorotoluene	N.D.	11.29	91.0	285.6		
+ EIC (126.0) Scan 10MAR20.D			126.0, 91.0			
						

# Quantitation Results Report (QT Reviewed)

Compound	Conc.	Exp RT	QIon	Exp Ratio
4-Chlorotoluene	N.D.	11.40	126.0	31.5
+ EIC (91.0) Scan 10MAR20.D			91.0, 126.0	
				
1,3-Dichlorobenzene	N.D.	12.04	148.0	64.3
+ EIC (146.0) Scan 10MAR20.D			146.0, 111.0, 148.0	
				
1,4-Dichlorobenzene	N.D.	12.12	148.0	63.5
+ EIC (146.0) Scan 10MAR20.D			146.0, 111.0, 148.0	
				
1,2-Dichlorobenzene	N.D.	12.49	148.0	63.9
+ EIC (146.0) Scan 10MAR20.D			146.0, 111.0, 148.0	
				

# Quantitation Results Report (QT Reviewed)

Data File	10MAR21.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 9:13:02 PM
Sample Name	B22030502-011EMS	Instrument	VOA5975C
Vial	21	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



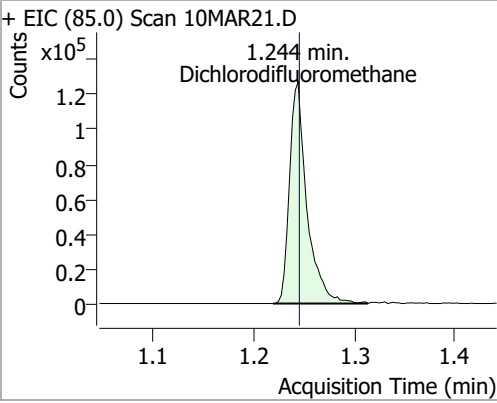
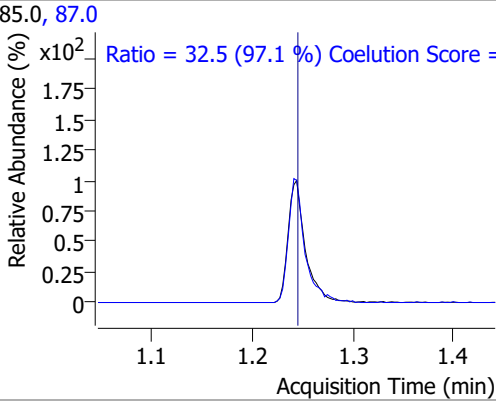
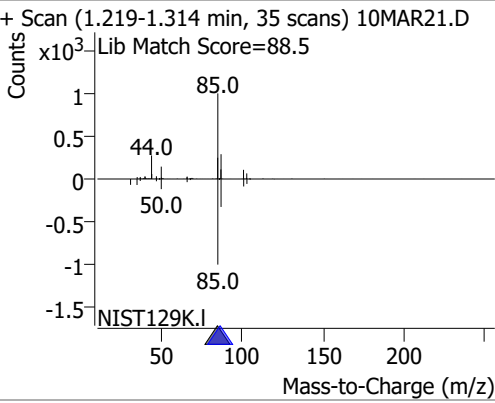
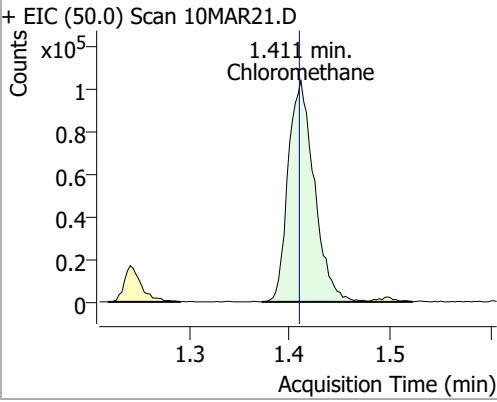
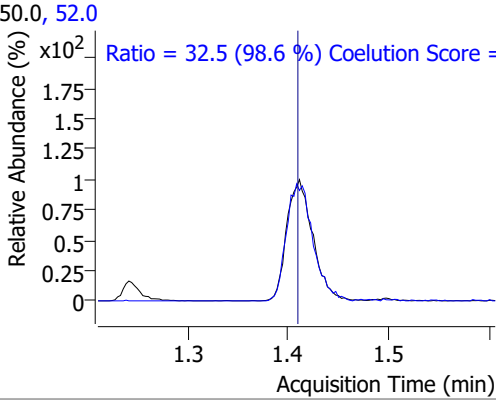
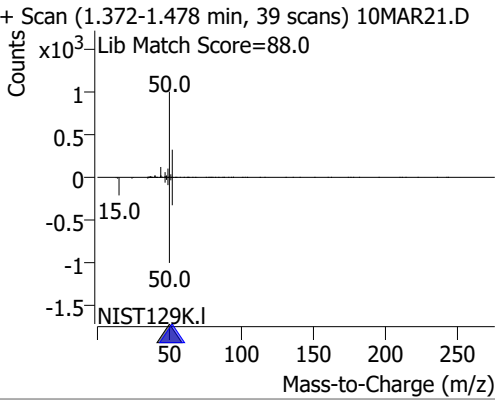
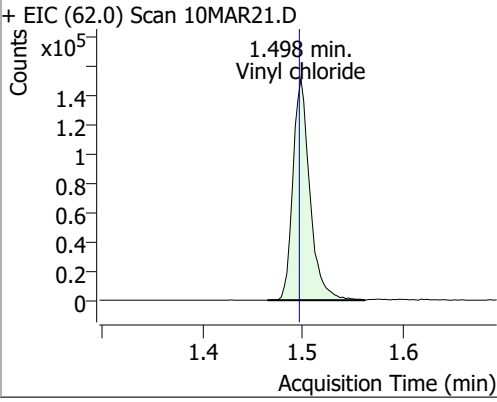
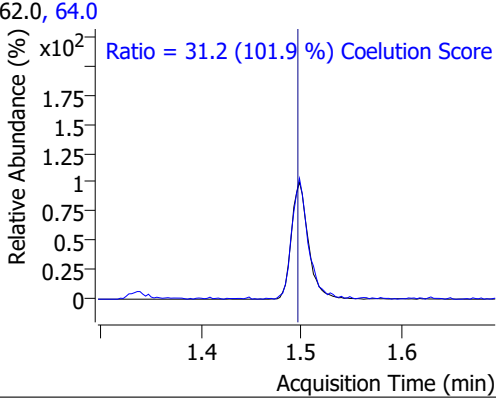
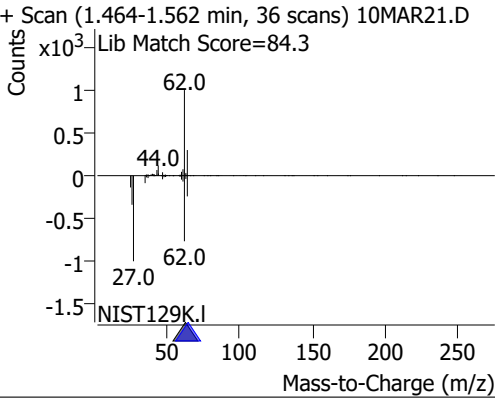
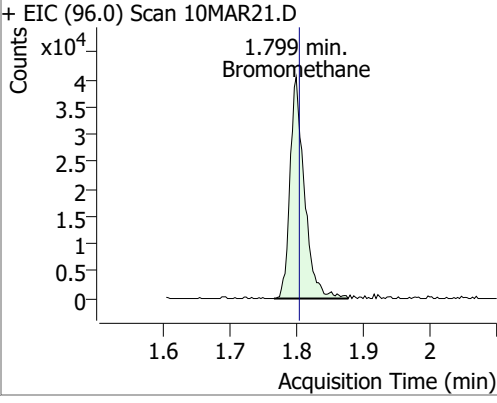
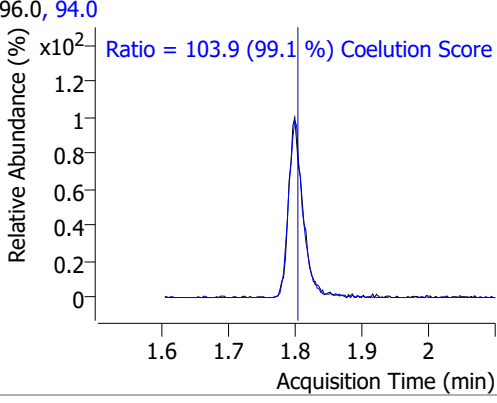
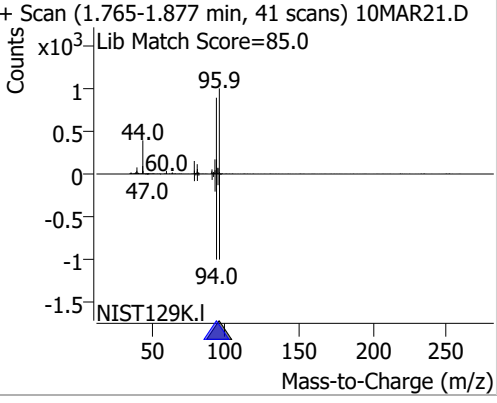
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	1019541	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	390493	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	327148	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	259604	250.5982	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 100.24%		
S 1,2-Dichloroethane-d4	6.236	67.0	116155	251.1968	ng	0.000
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 100.48%		
S Toluene-d8	8.322	98.0	1048950	251.8739	ng	0.000
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 100.75%		
S p-Bromofluorobenzene	10.954	95.0	320416	265.6190	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 106.25%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.244	85.0	153103	103.9900	ng	98
T Chloromethane	1.411	50.0	187090	109.6270	ng	99
T Vinyl chloride	1.498	62.0	177592	115.1958	ng	99
T Bromomethane	1.799	96.0	60717	88.6282	ng	99
T Chloroethane	1.899	64.0	87228	106.9790	ng	99
T Trichlorofluoromethane	2.148	101.0	215858	110.9838	ng	100
T 1,1-Dichloroethene	2.697	96.0	127982	123.7232	ng	97
T Methylene chloride	3.333	49.0	183699	116.9501	ng	98
T trans-1,2-Dichloroethene	3.718	96.0	129312	120.0788	ng	99
T Methyl tert-butyl ether (MTBE)	3.751	73.0	164764	122.7987	ng	99
T 1,1-Dichloroethane	4.378	63.0	253108	122.7100	ng	97
T 2,2-Dichloropropane	5.195	77.0	181180	113.9718	ng	99
T cis-1,2-Dichloroethene	5.218	96.0	131336	120.5988	ng	97
T Methyl ethyl ketone	5.285	43.0	187815	1312.1111	ng	98
T Bromochloromethane	5.513	128.0	52575	121.0870	ng	95
T Chloroform	5.650	83.0	235501	116.5131	ng	99

# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	228326	116.5042	ng	97
T Carbon tetrachloride	6.027	117.0	229022	118.3805	ng	98
T 1,1-Dichloropropene	6.038	75.0	182048	114.4783	ng	98
T Benzene	6.277	78.0	509794	122.9674	ng	98
T 1,2-Dichloroethane	6.322	62.0	135570	121.0120	ng	98
T Trichloroethene	7.028	95.0	147430	120.6757	ng	98
T 1,2-Dichloropropane	7.270	63.0	127809	120.0735	ng	100
T Dibromomethane	7.396	93.0	55106	122.2761	ng	99
T Bromodichloromethane	7.583	83.0	158695	126.0873	ng	99
T cis-1,3-Dichloropropene	8.057	75.0	159950	116.6500	ng	97
T Toluene	8.386	92.0	332102	128.8997	ng	98
T trans-1,3-Dichloropropene	8.639	75.0	126655	125.5404	ng	99
T 1,1,2-Trichloroethane	8.818	83.0	62843	123.7981	ng	97
T Tetrachloroethene	8.938	163.8	134055	122.8601	ng	100
T 1,3-Dichloropropane	8.982	76.0	124980	120.3619	ng	100
T Chlorodibromomethane	9.203	129.0	103678	126.3356	ng	99
T 1,2-Dibromoethane	9.306	107.0	68947	121.3426	ng	98
T Chlorobenzene	9.802	112.0	364581	126.9664	ng	98
T 1,1,1,2-Tetrachloroethane	9.892	131.0	123208	122.5753	ng	100
T Ethylbenzene	9.919	91.0	624264	123.7852	ng	99
T m+p-Xylenes	10.039	106.0	484539	242.1226	ng	98
T o-Xylene	10.433	106.0	217326	125.6249	ng	99
T Styrene	10.449	104.0	358602	124.3409	ng	99
T Bromoform	10.628	172.5	56545	128.3280	ng	100
T Bromobenzene	11.096	156.0	141492	130.1390	ng	100
T 1,1,2,2-Tetrachloroethane	11.110	83.0	82520	133.2640	ng	98
T 1,2,3-Trichloropropane	11.146	110.0	21529	130.9029	ng	93
T 2-Chlorotoluene	11.291	126.0	142571	131.7456	ng	98
T 4-Chlorotoluene	11.400	91.0	483055	136.4513	ng	99
T 1,3-Dichlorobenzene	12.033	146.0	258589	133.2057	ng	98
T 1,4-Dichlorobenzene	12.125	146.0	260863	128.6701	ng	98
T 1,2-Dichlorobenzene	12.493	146.0	214388	130.3358	ng	98

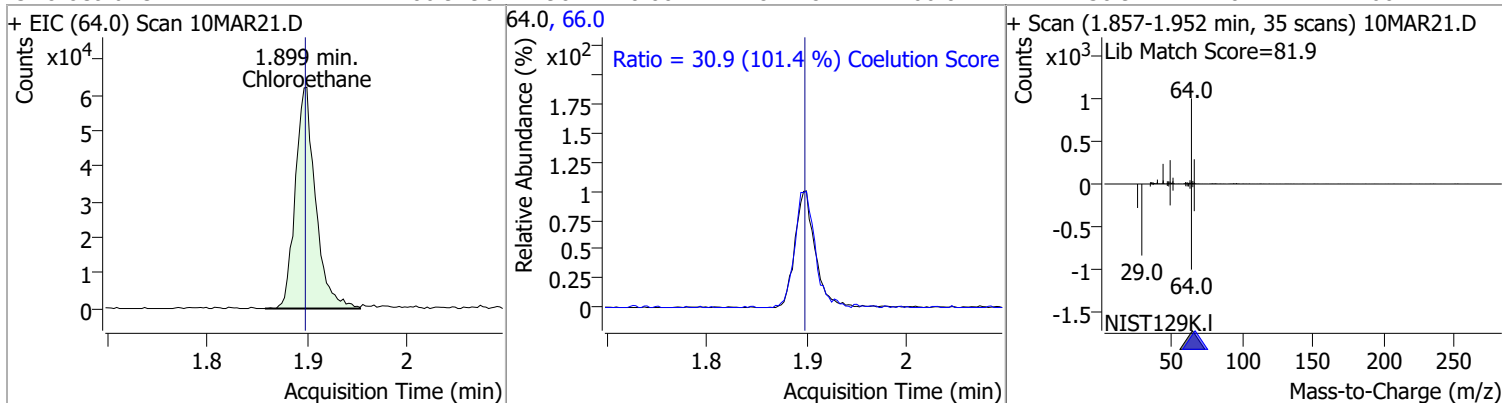
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

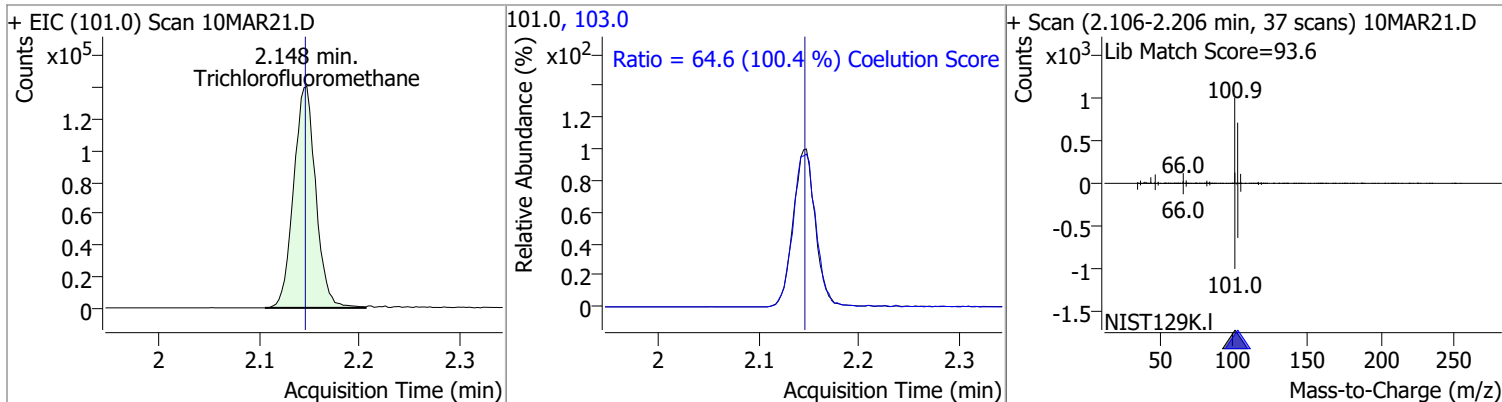
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	103.9900	1.24	0.00	153103	87.0	32.5	3.5	63.5
+ EIC (85.0) Scan 10MAR21.D 			85.0, 87.0 			+ Scan (1.219-1.314 min, 35 scans) 10MAR21.D Lib Match Score=88.5 		
Chloromethane	109.6270	1.41	0.00	187090	52.0	32.5	3.0	63.0
+ EIC (50.0) Scan 10MAR21.D 			50.0, 52.0 			+ Scan (1.372-1.478 min, 39 scans) 10MAR21.D Lib Match Score=88.0 		
Vinyl chloride	115.1958	1.50	0.00	177592	64.0	31.2	0.6	60.6
+ EIC (62.0) Scan 10MAR21.D 			62.0, 64.0 			+ Scan (1.464-1.562 min, 36 scans) 10MAR21.D Lib Match Score=84.3 		
Bromomethane	88.6282	1.80	0.00	60717	94.0	103.9	74.8	134.8
+ EIC (96.0) Scan 10MAR21.D 			96.0, 94.0 			+ Scan (1.765-1.877 min, 41 scans) 10MAR21.D Lib Match Score=85.0 		

# Quantitation Results Report (QT Reviewed)

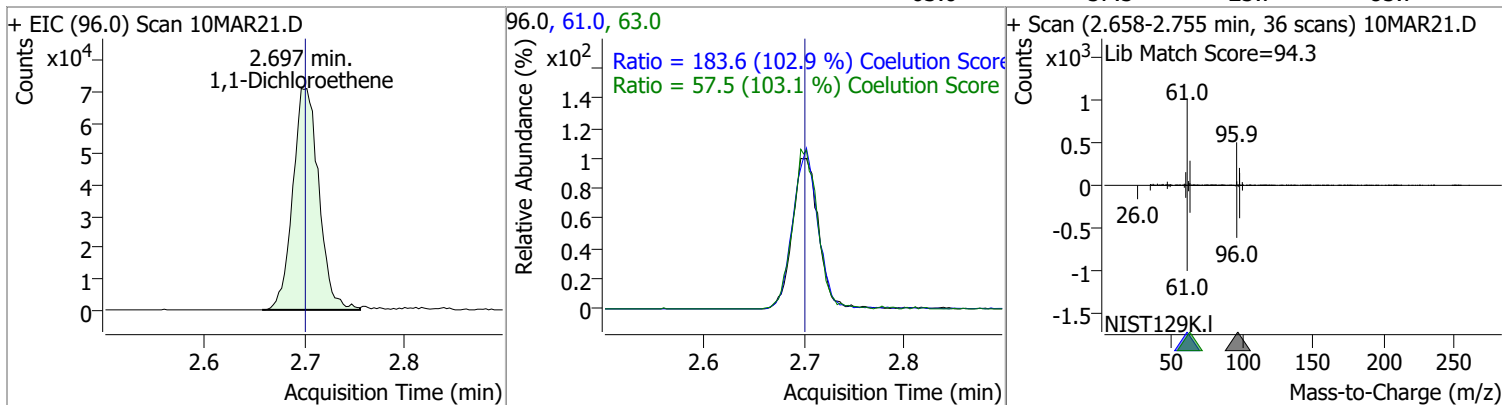
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	106.9790	1.90	0.00	87228	66.0	30.9	0.4	60.4



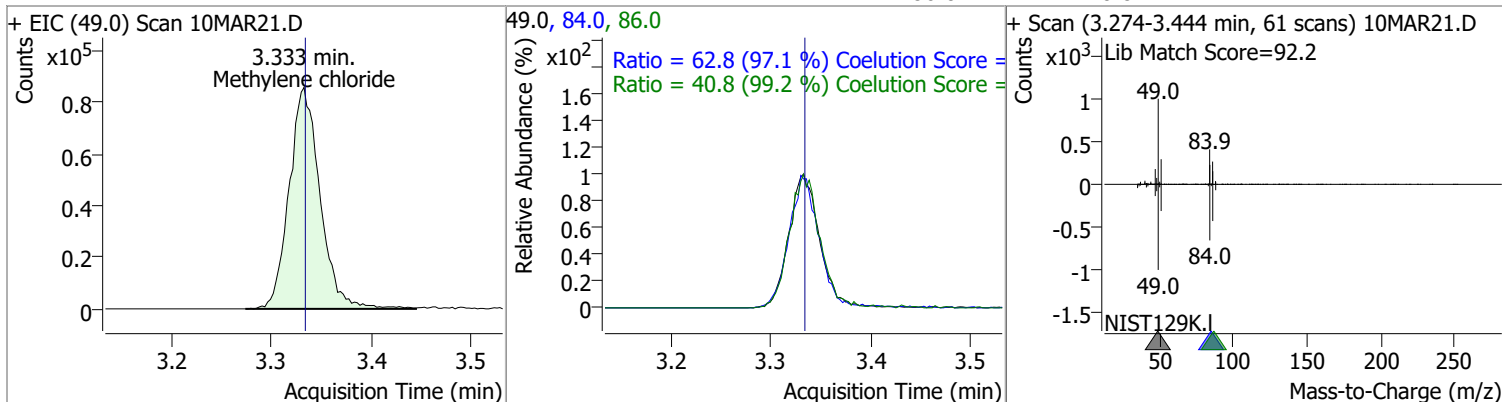
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	110.9838	2.15	0.00	215858	103.0	64.6	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	123.7232	2.70	0.00	127982	61.0	183.6	148.4	208.4
					63.0	57.5	25.7	85.7

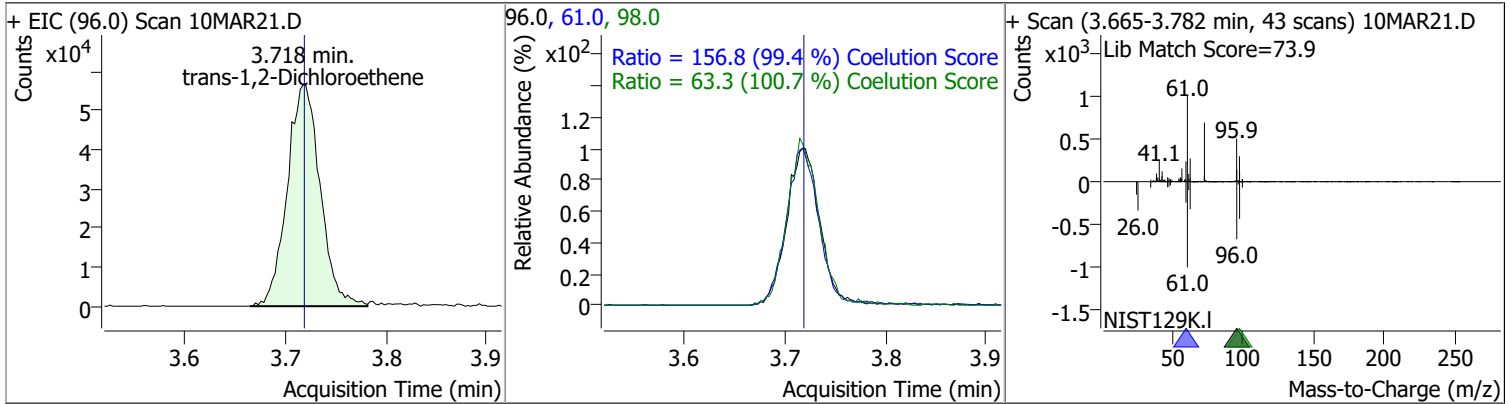


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	116.9501	3.33	0.00	183699	84.0	62.8	34.7	94.7
					86.0	40.8	11.1	71.1

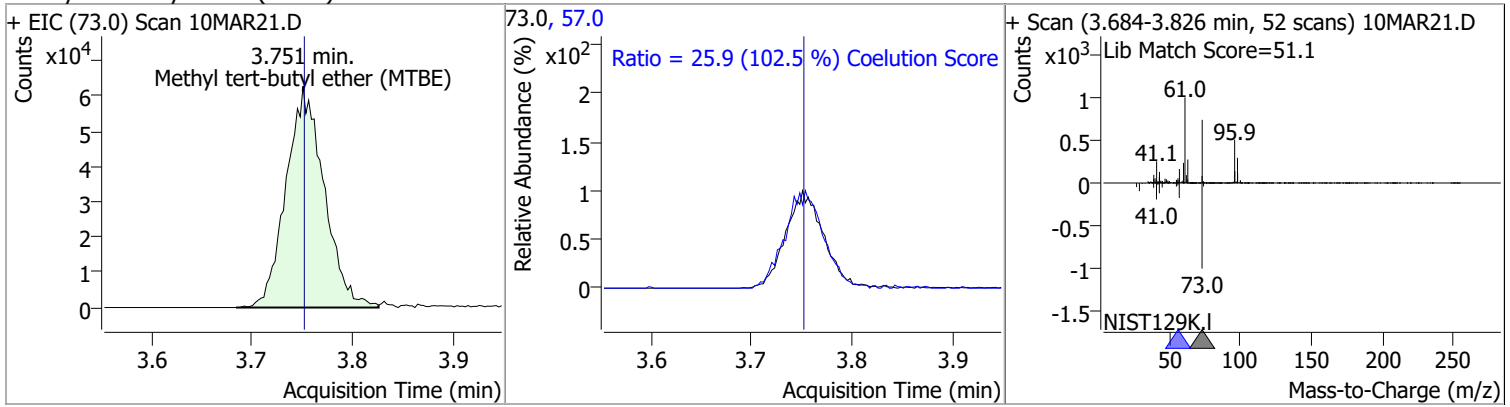


# Quantitation Results Report (QT Reviewed)

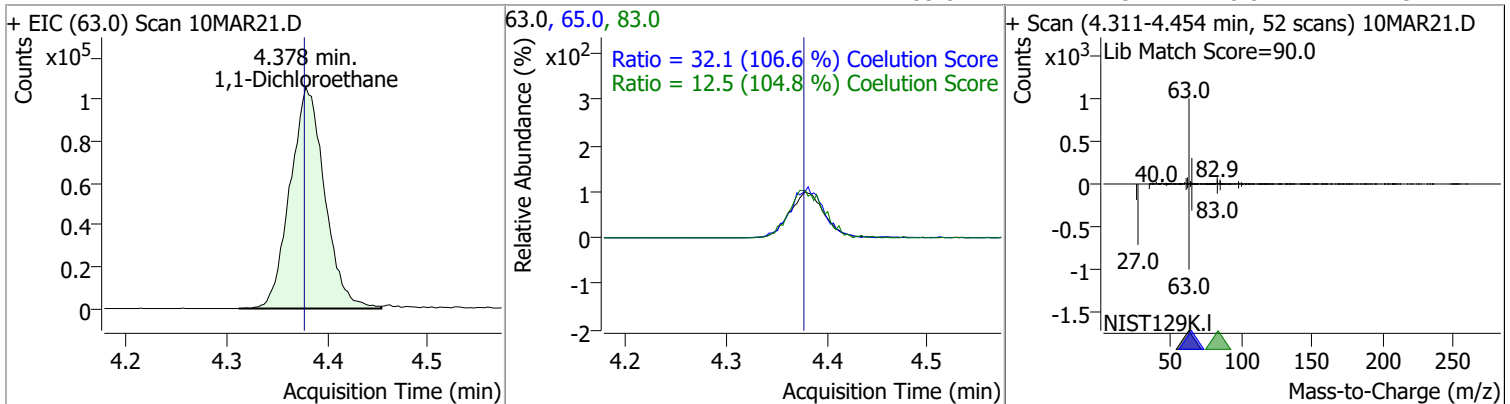
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	120.0788	3.72	0.00	129312	61.0	156.8	127.7	187.7
					98.0	63.3	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	122.7987	3.75	0.00	164764	57.0	25.9	0.0	55.3

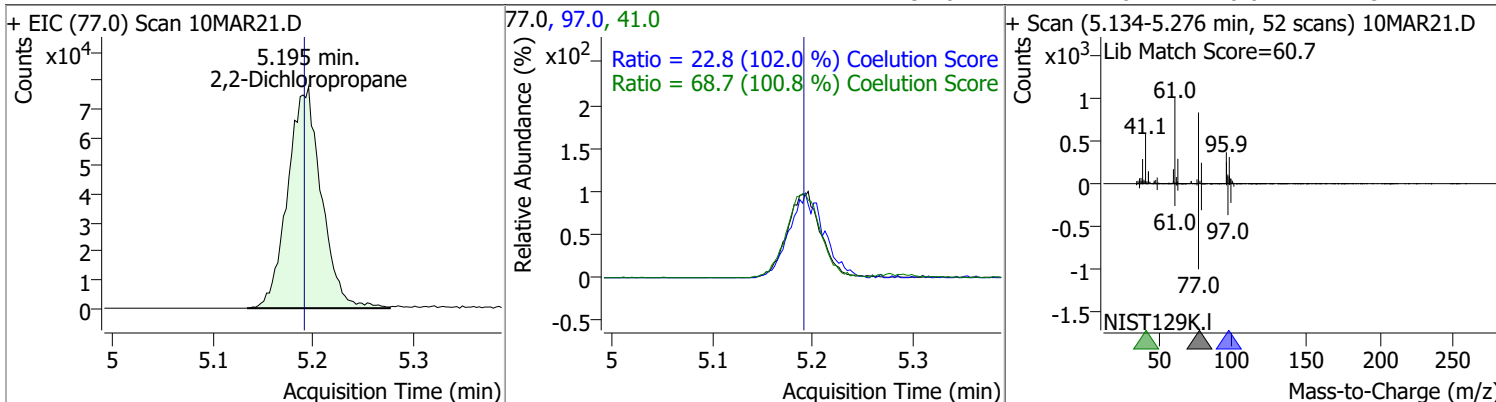


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	122.7100	4.38	0.00	253108	65.0	32.1	0.1	60.1
					83.0	12.5	0.0	41.9

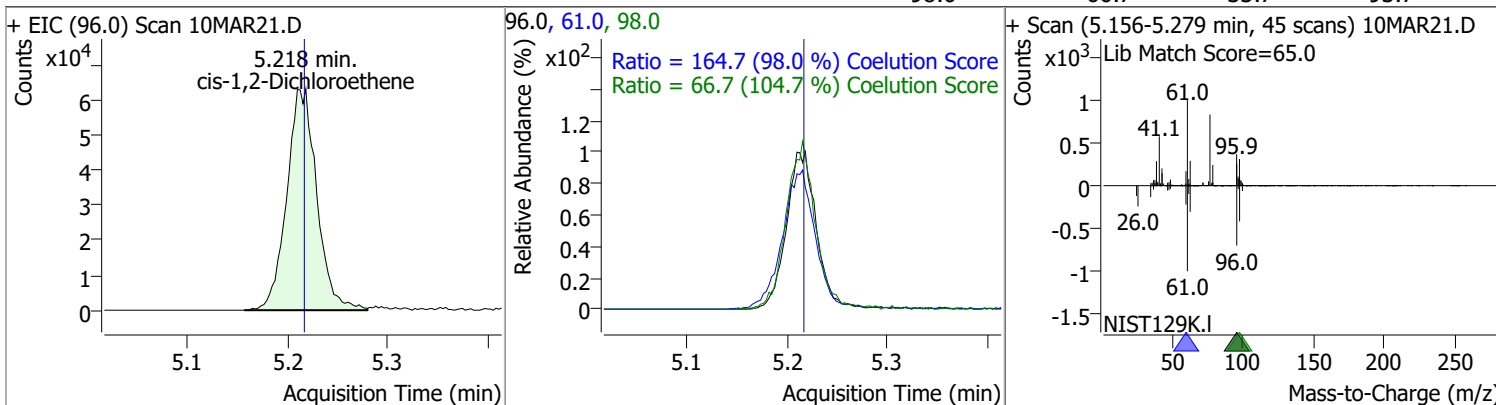


# Quantitation Results Report (QT Reviewed)

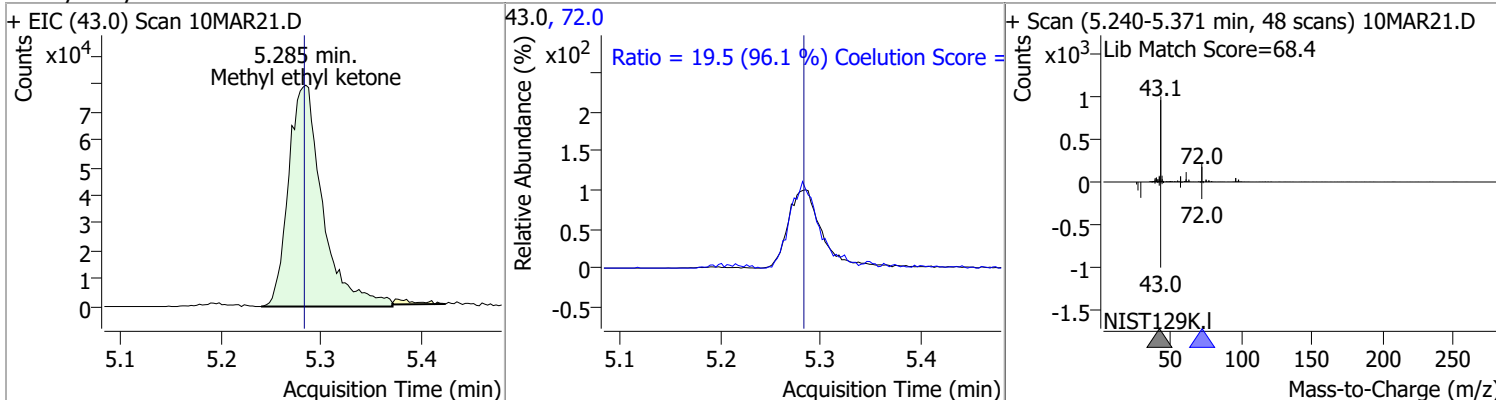
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	113.9718	5.20	0.01	181180	41.0	68.7	38.2	98.2
					97.0	22.8	0.0	52.4



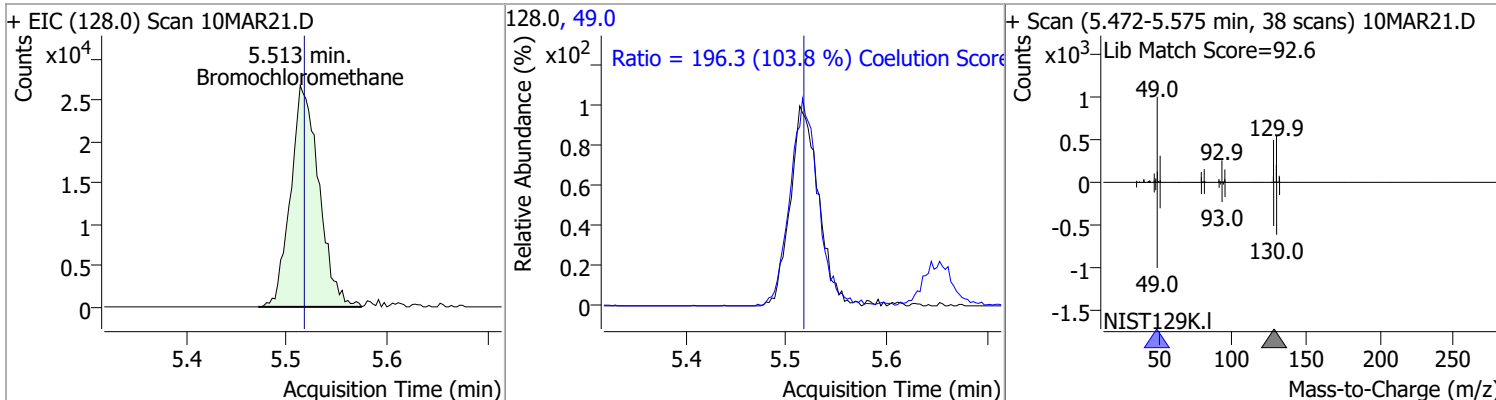
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	120.5988	5.22	0.00	131336	61.0	164.7	138.1	198.1
					98.0	66.7	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1312.1111	5.28	0.00	187815	72.0	19.5	0.0	50.3



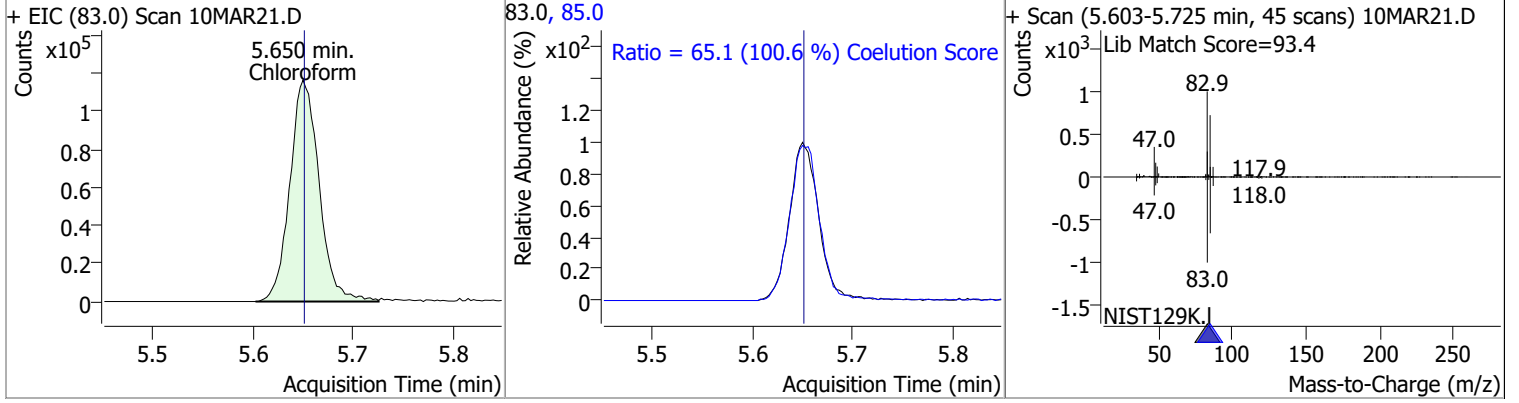
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	121.0870	5.51	0.00	52575	49.0	196.3	159.1	219.1



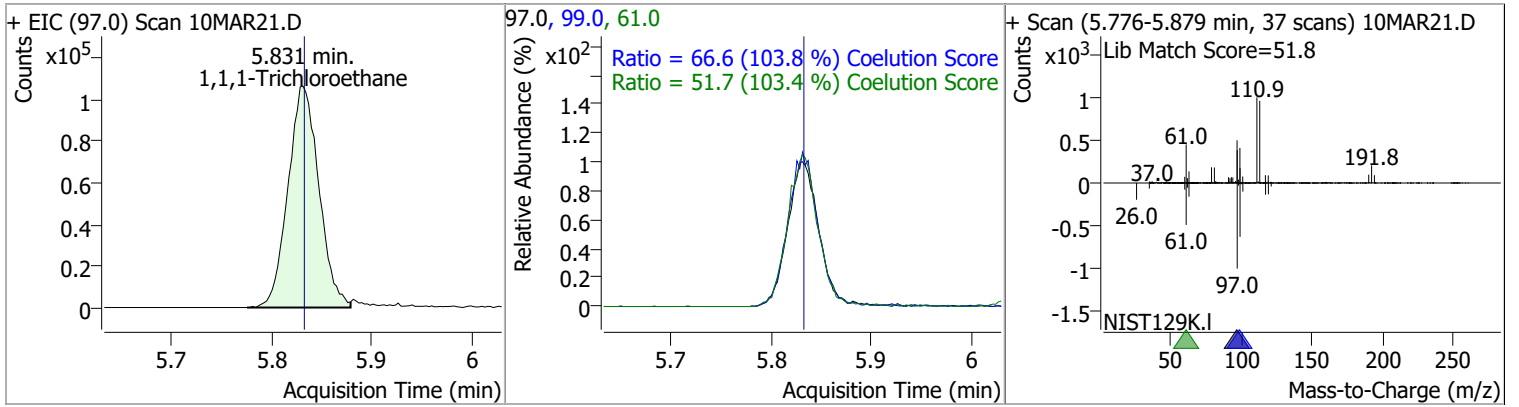


# Quantitation Results Report (QT Reviewed)

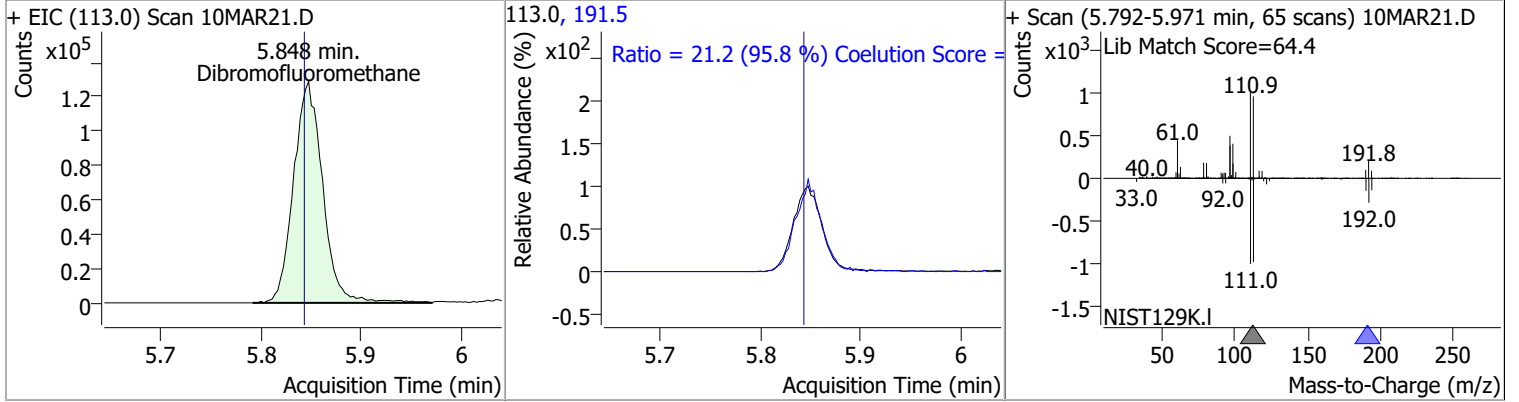
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	116.5131	5.65	0.00	235501	85.0	65.1	34.7	94.7



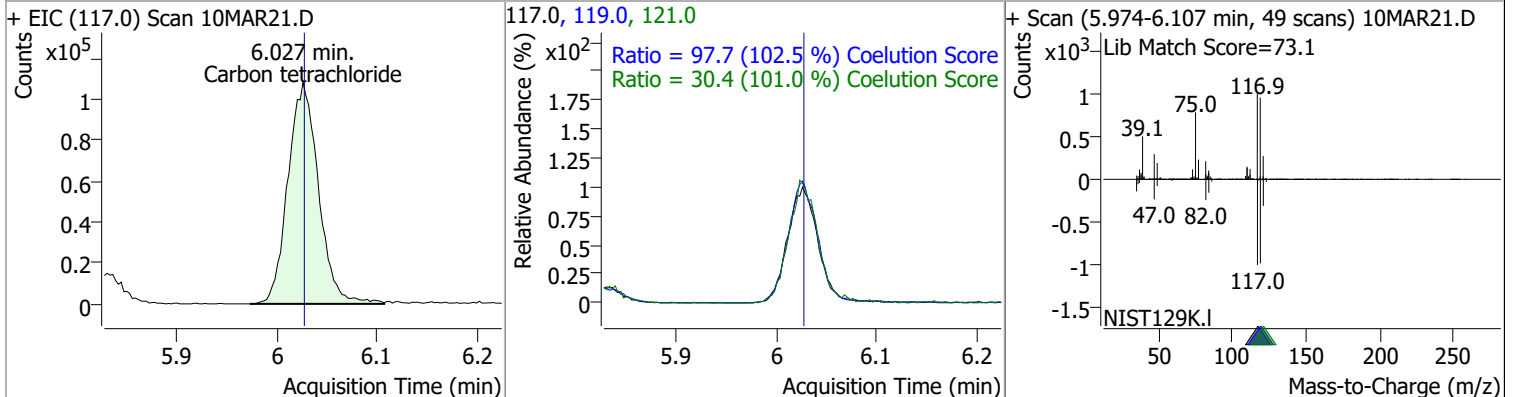
1,1,1-Trichloroethane	116.5042	5.83	0.00	228326	99.0	66.6	34.2	94.2
					61.0	51.7	20.0	80.0



Dibromofluoromethane	250.5982	5.85	0.01	259604	191.5	21.2	0.0	52.2
----------------------	----------	------	------	--------	-------	------	-----	------

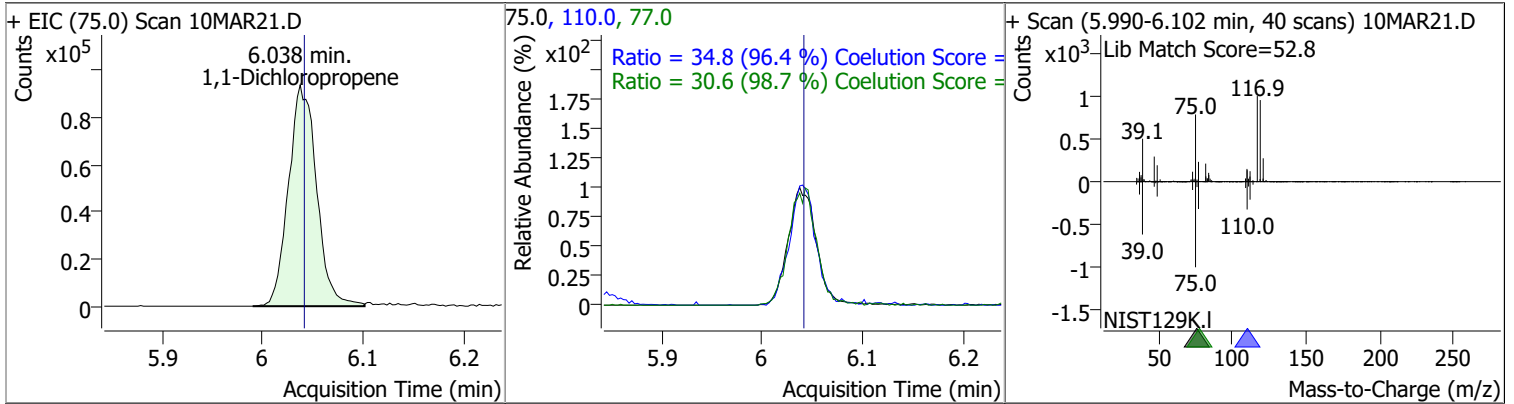


Carbon tetrachloride	118.3805	6.03	0.00	229022	119.0	97.7	65.3	125.3
					121.0	30.4	0.1	60.1

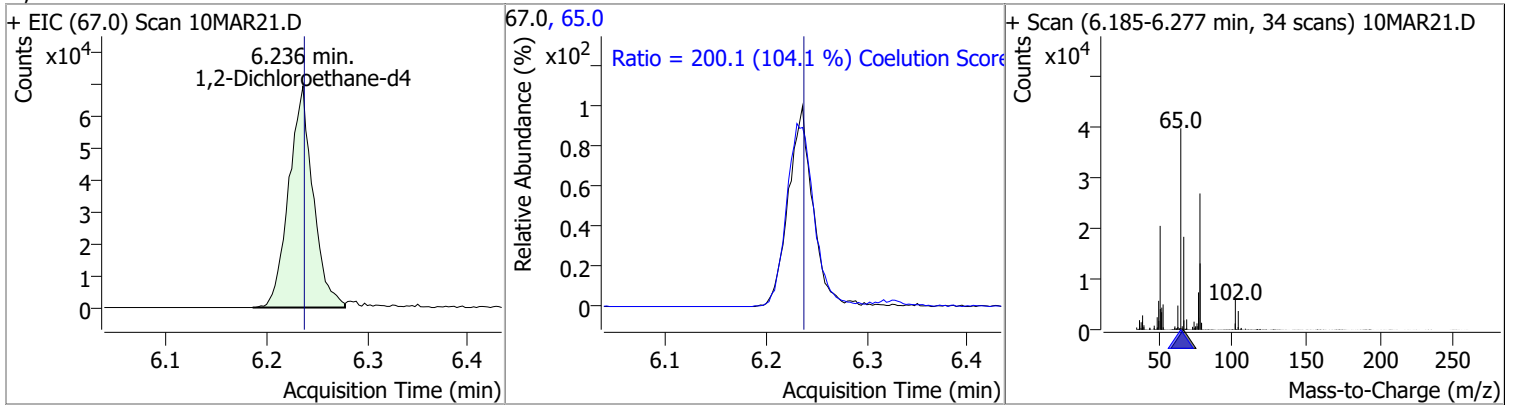


# Quantitation Results Report (QT Reviewed)

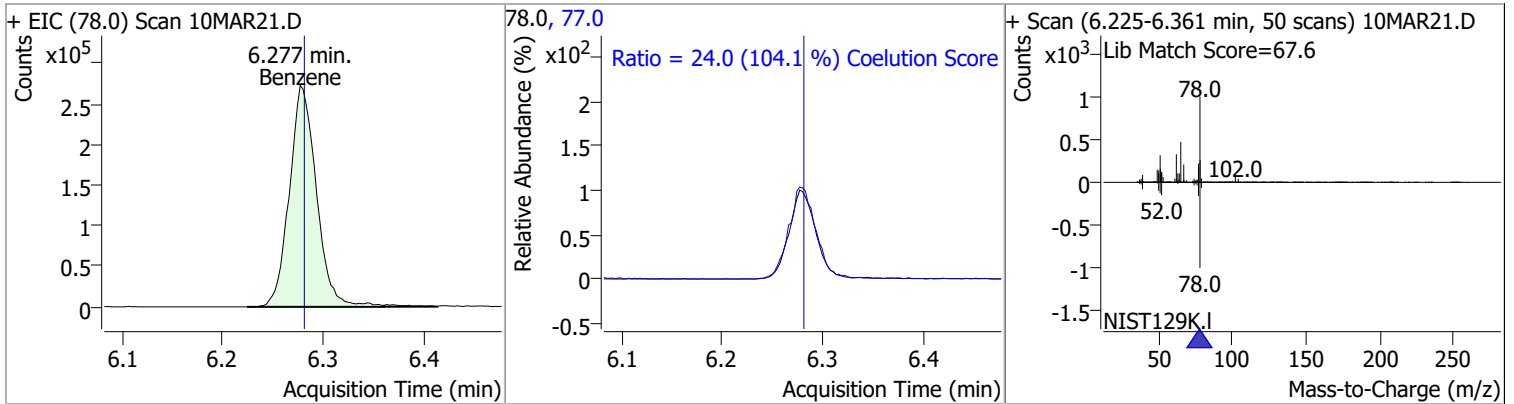
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	114.4783	6.04	0.00	182048	110.0	34.8	6.1	66.1
					77.0	30.6	1.1	61.1



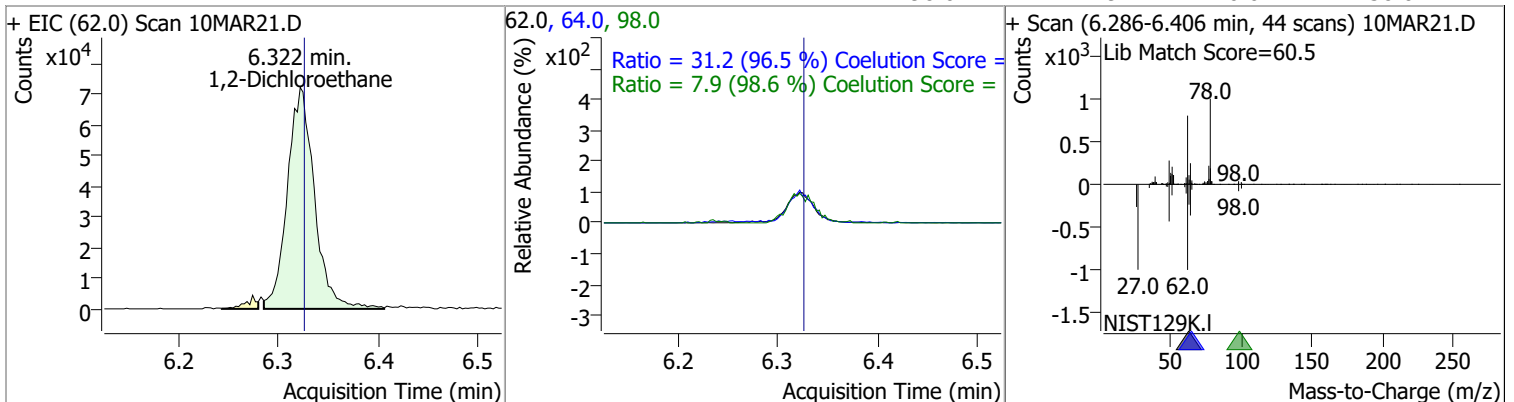
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	251.1968	6.24	0.00	116155	65.0	200.1	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	122.9674	6.28	0.00	509794	77.0	24.0	0.0	53.0

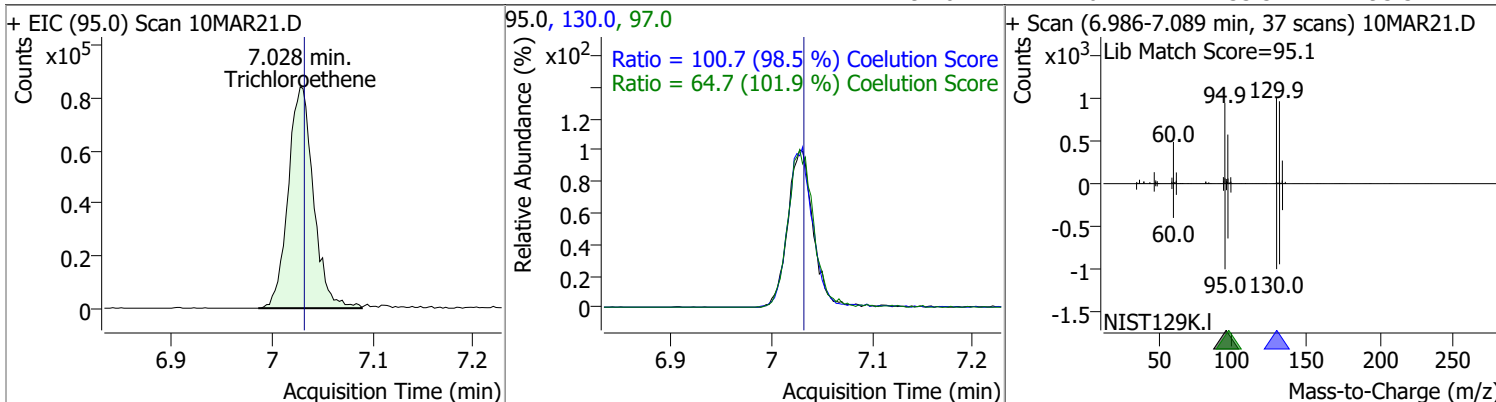


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	121.0120	6.32	0.00	135570	64.0	31.2	2.3	62.3
					98.0	7.9	0.0	38.0

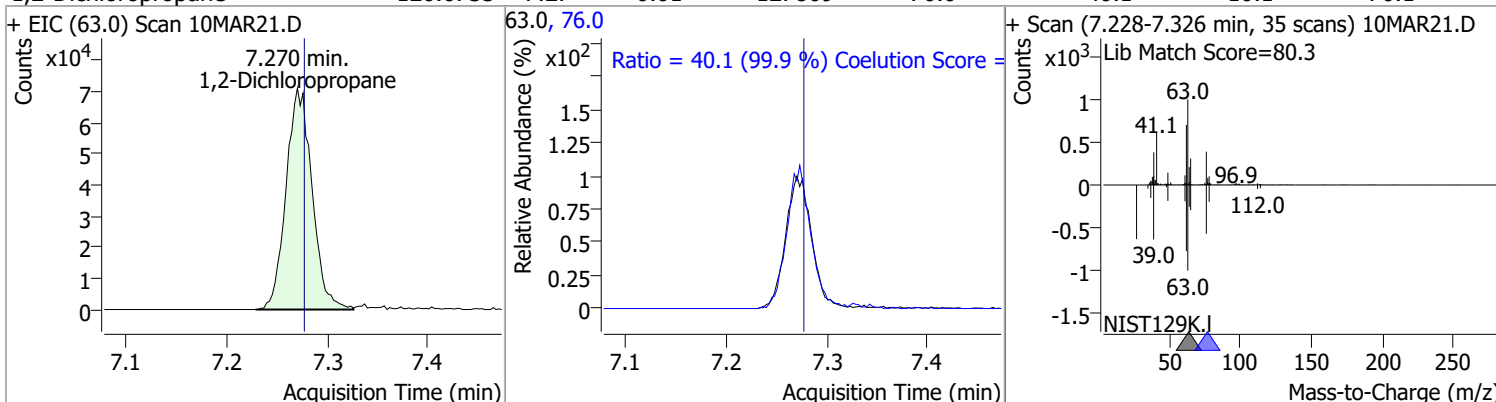


# Quantitation Results Report (QT Reviewed)

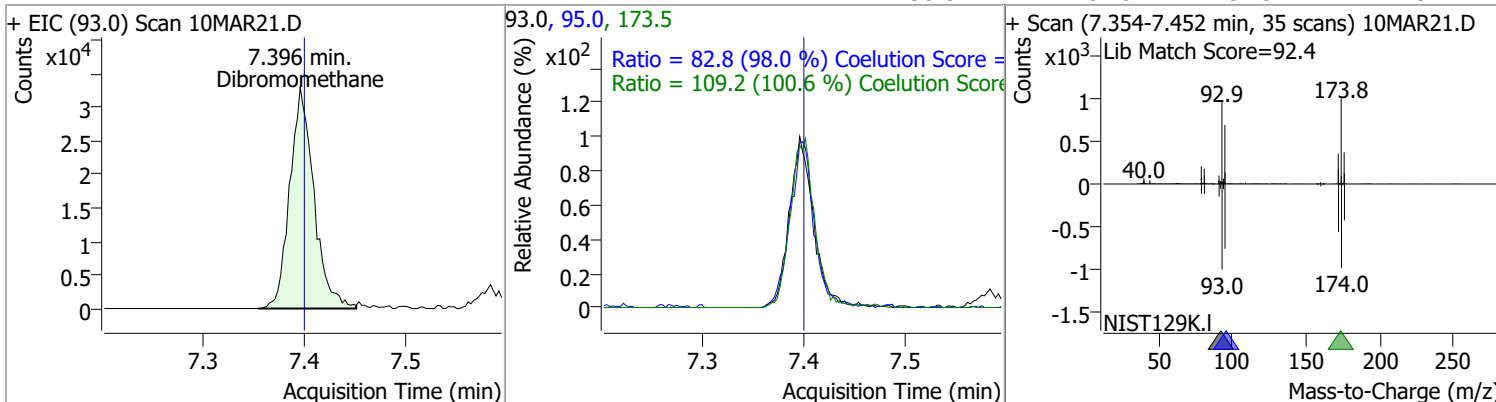
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	120.6757	7.03	0.00	147430	130.0	100.7	72.3	132.3
					97.0	64.7	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	120.0735	7.27	-0.01	127809	76.0	40.1	10.1	70.1

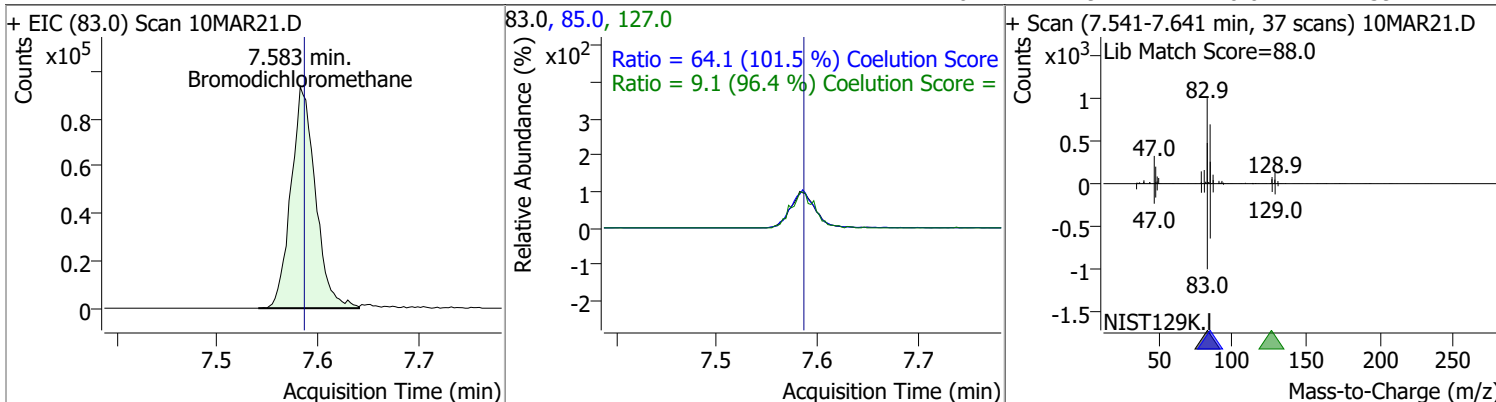


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	122.2761	7.40	0.00	55106	173.5	109.2	78.6	138.6
					95.0	82.8	54.5	114.5

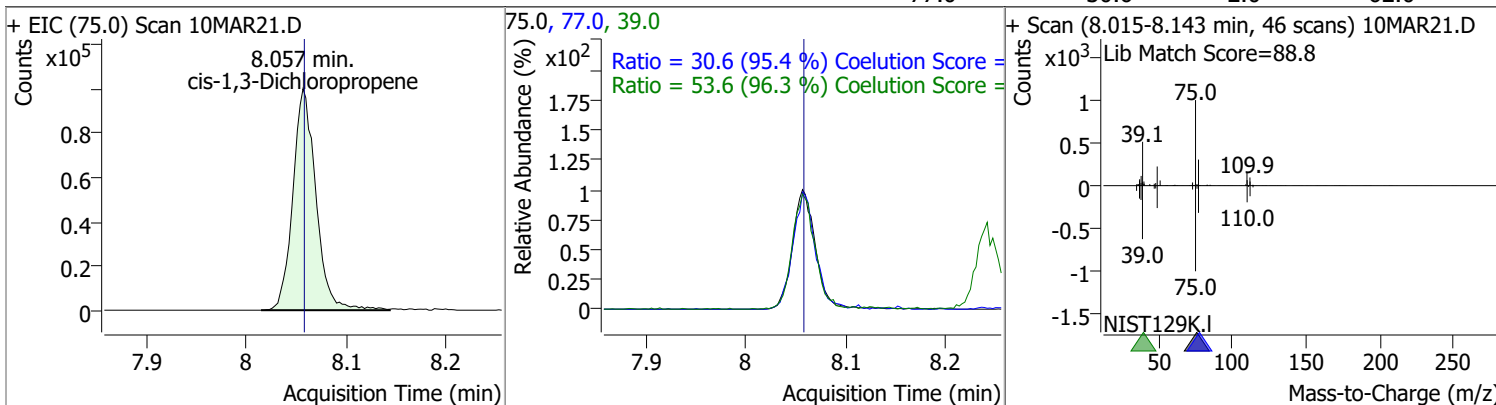


# Quantitation Results Report (QT Reviewed)

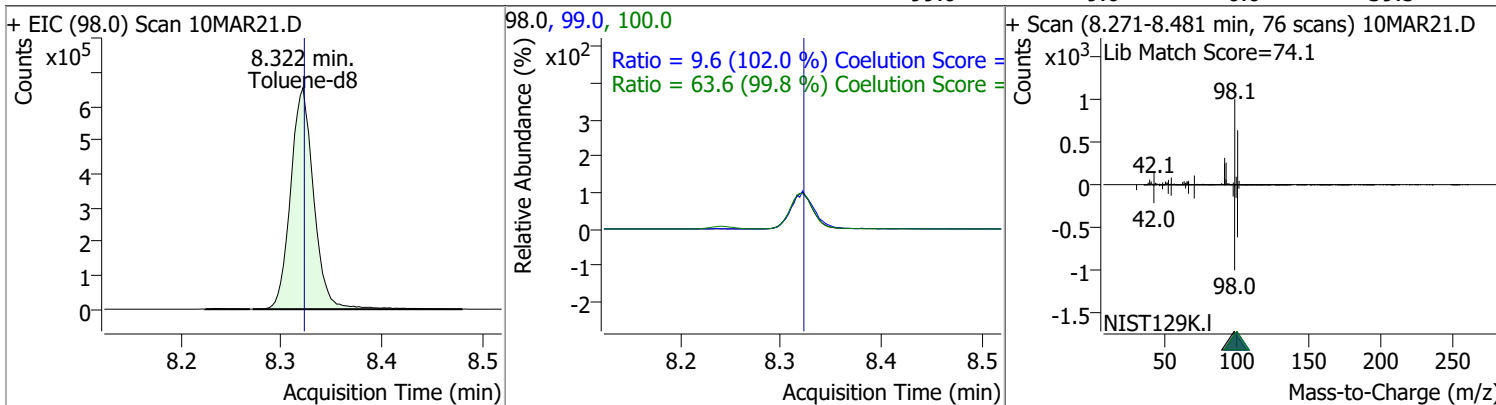
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	126.0873	7.58	0.00	158695	85.0	64.1	33.2	93.2
					127.0	9.1	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	116.6500	8.06	0.00	159950	39.0	53.6	25.6	85.6
					77.0	30.6	2.0	62.0

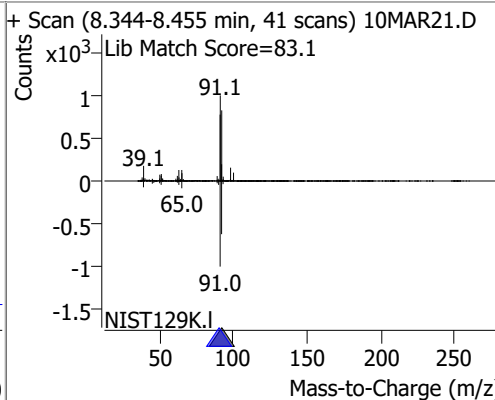
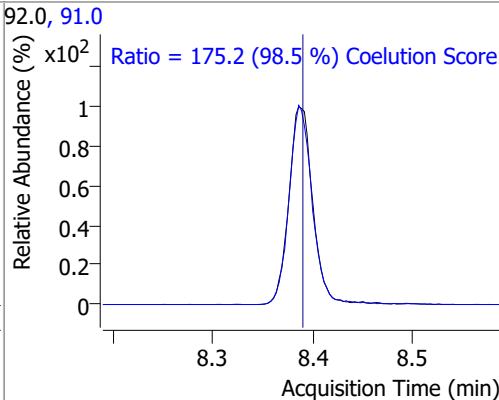
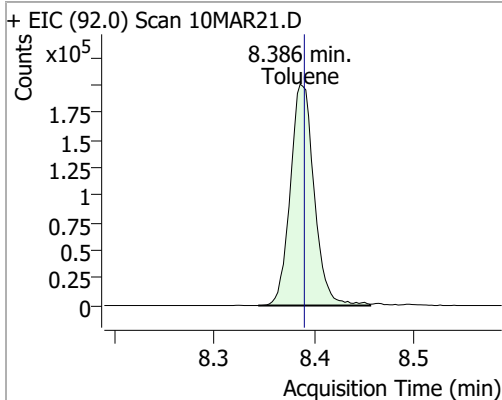


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	251.8739	8.32	0.00	1048950	100.0	63.6	33.7	93.7
					99.0	9.6	0.0	39.5

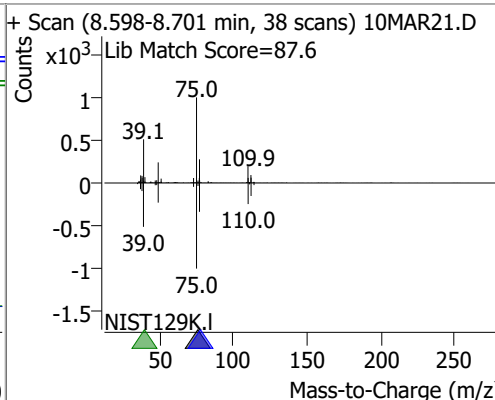
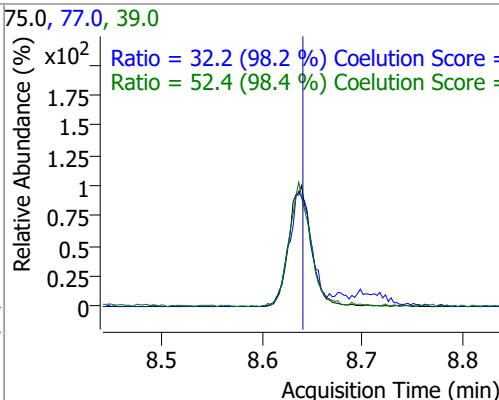
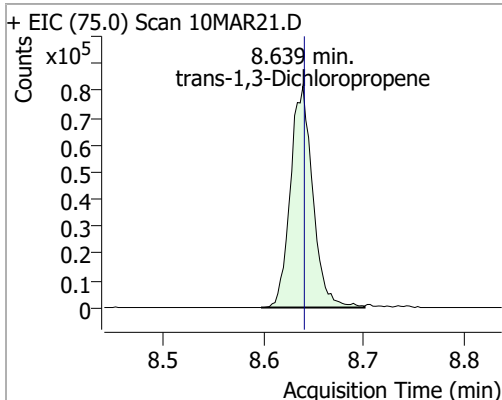


# Quantitation Results Report (QT Reviewed)

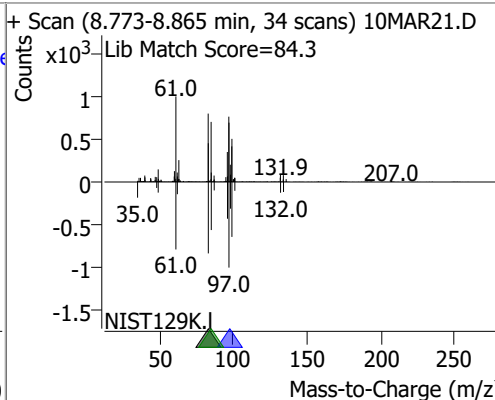
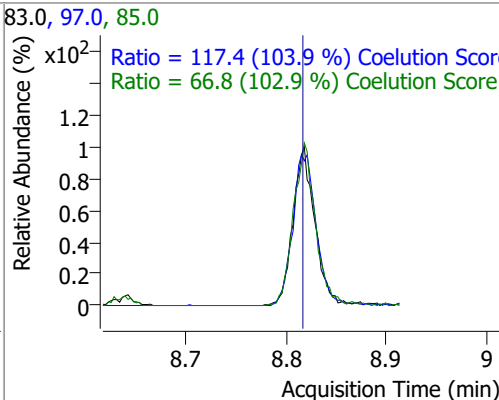
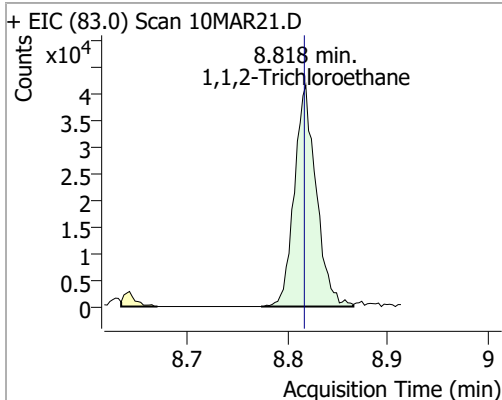
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	128.8997	8.39	0.00	332102	91.0	175.2	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	125.5404	8.64	0.00	126655	39.0 77.0	52.4 32.2	23.2 2.8	83.2 62.8

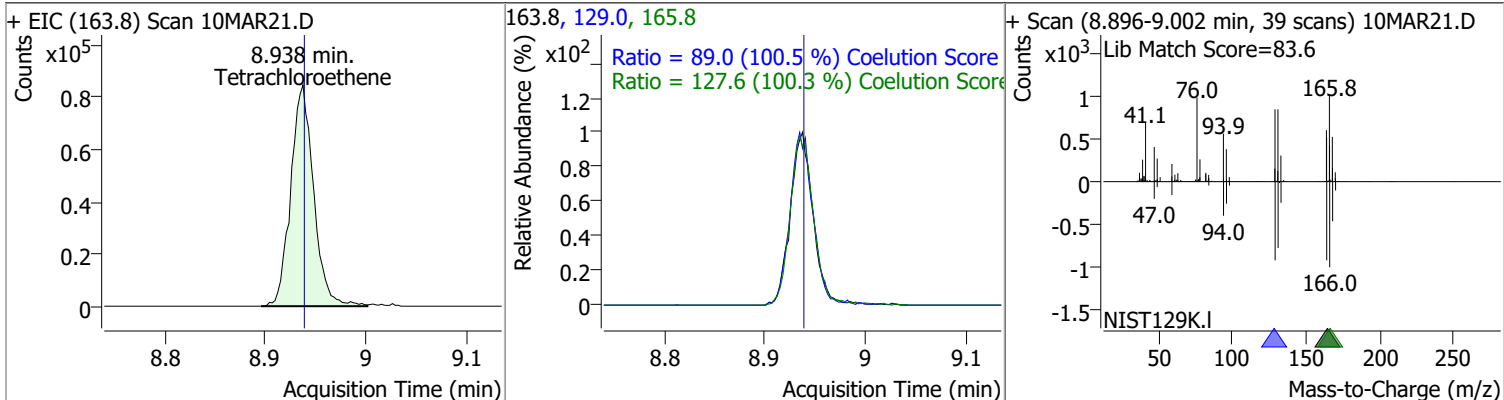


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	123.7981	8.82	0.00	62843	97.0 85.0	117.4 66.8	83.0 34.9	143.0 94.9

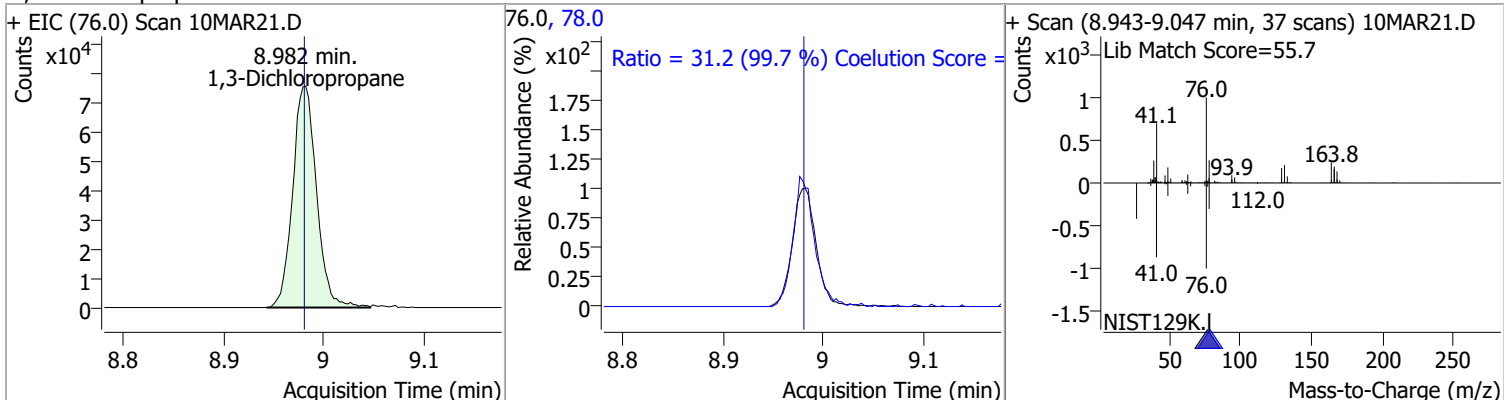


# Quantitation Results Report (QT Reviewed)

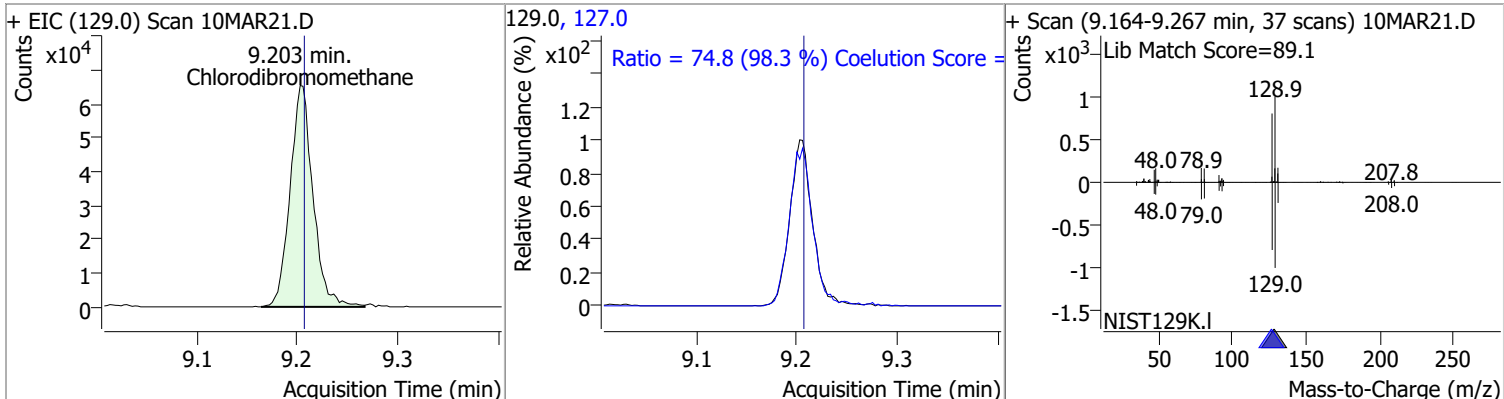
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	122.8601	8.94	0.00	134055	165.8	127.6	97.2	157.2
					129.0	89.0	58.6	118.6



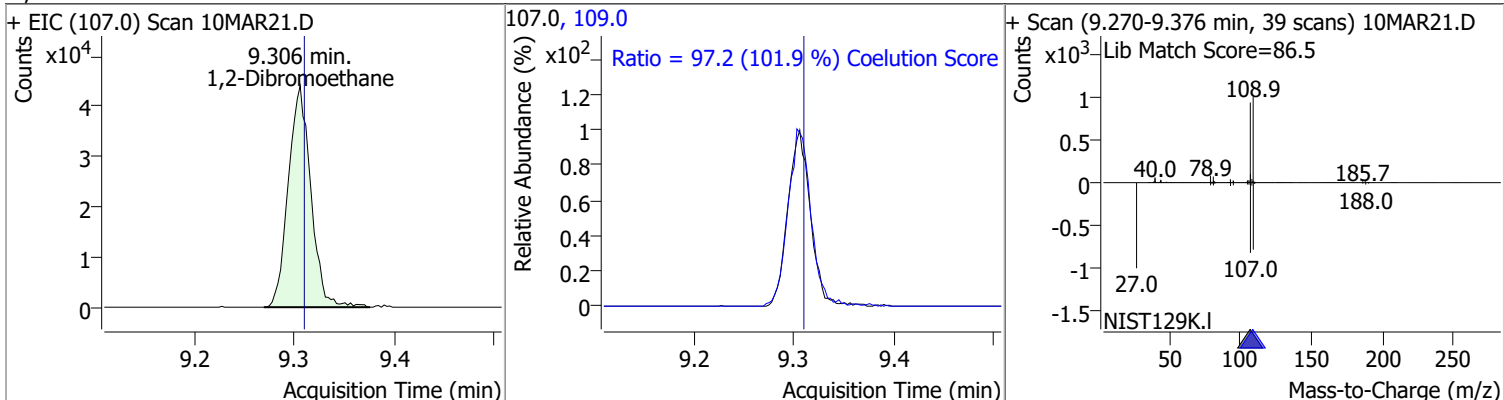
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	120.3619	8.98	0.00	124980	78.0	31.2	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	126.3356	9.20	0.00	103678	127.0	74.8	46.1	106.1

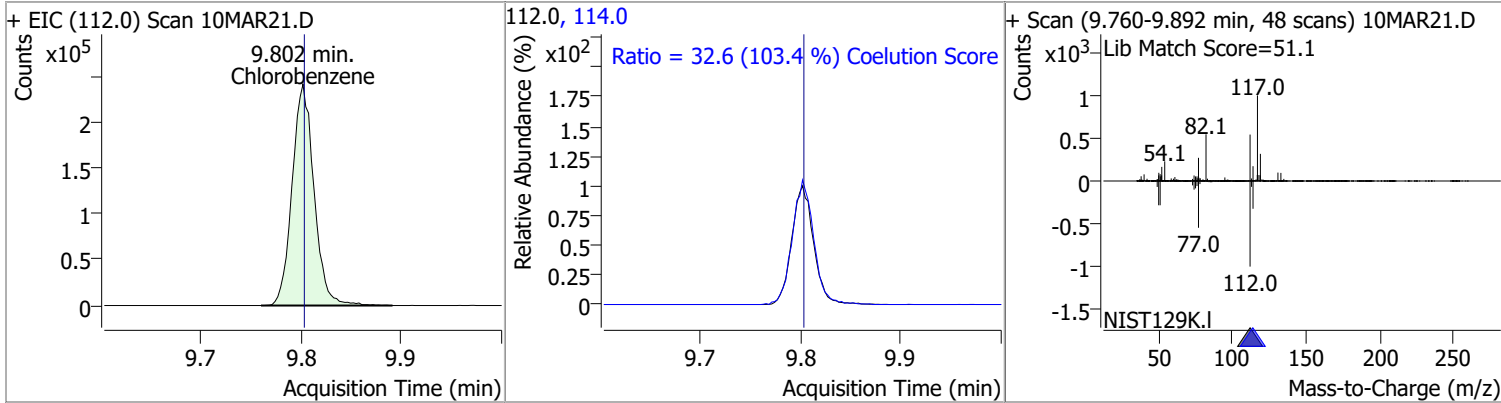


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	121.3426	9.31	0.00	68947	109.0	97.2	65.4	125.4

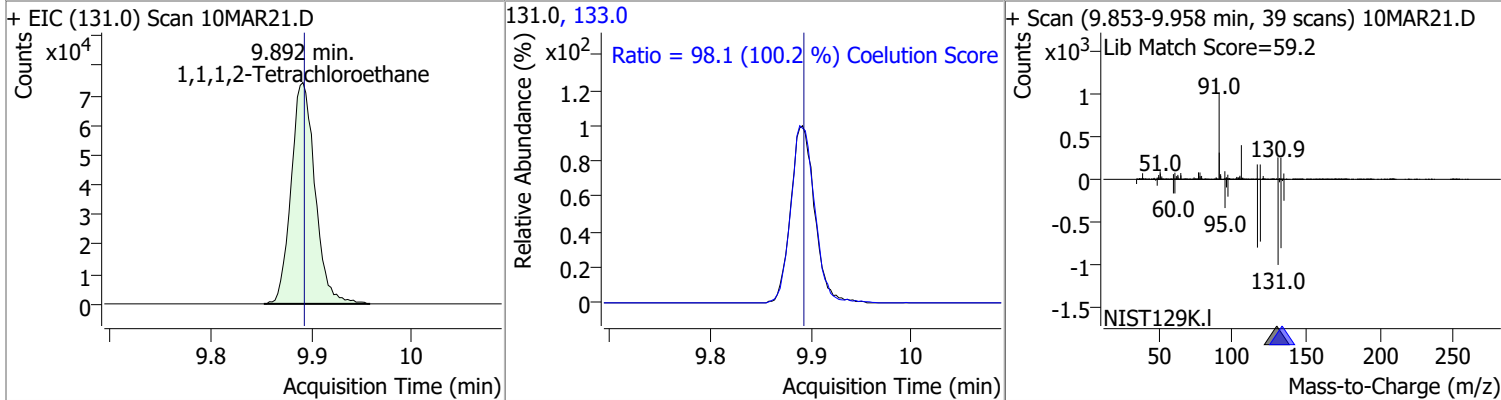


# Quantitation Results Report (QT Reviewed)

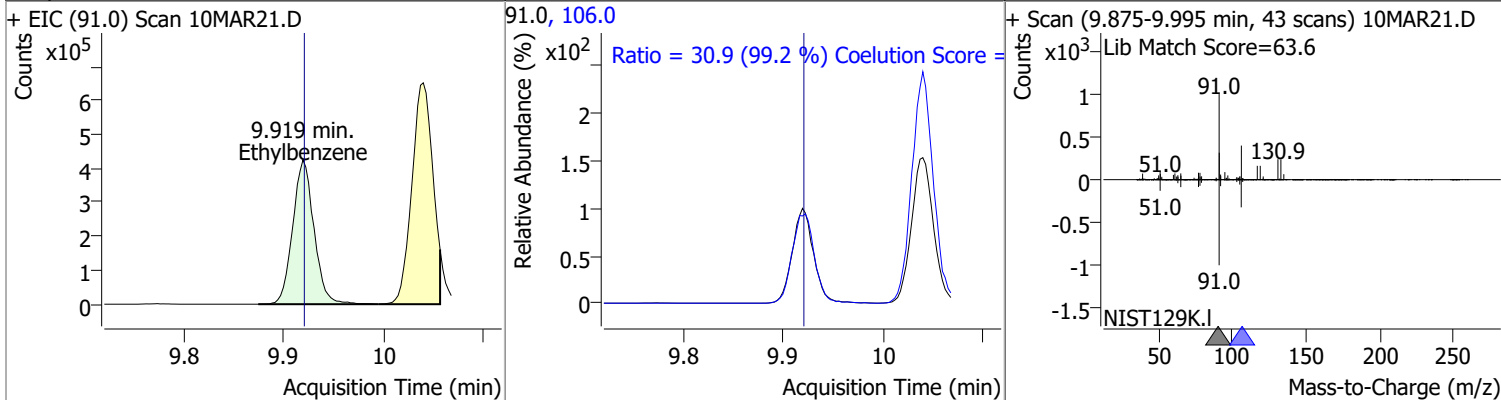
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	126.9664	9.80	0.00	364581	114.0	32.6	1.6	61.6



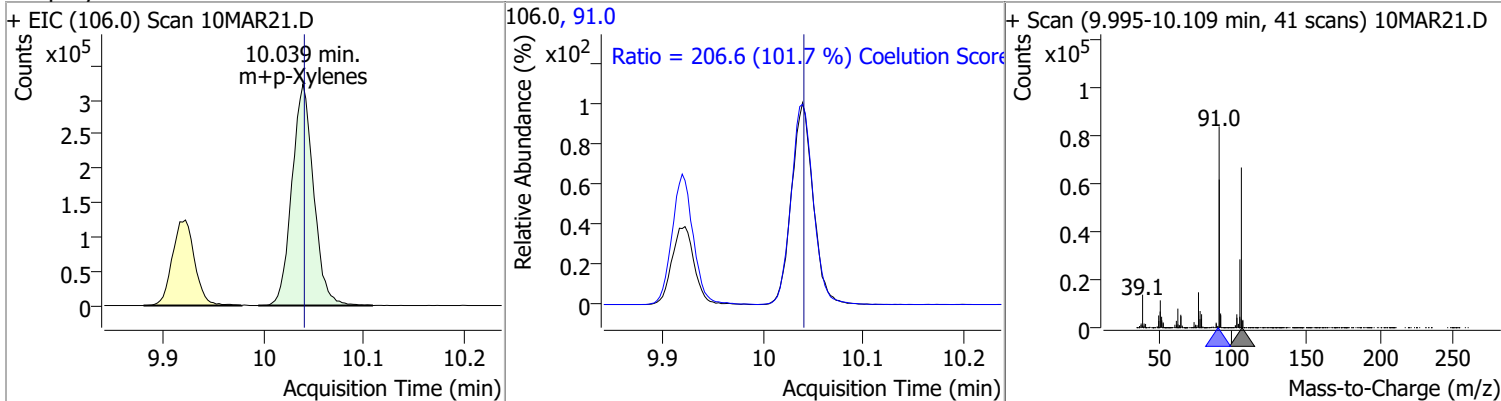
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	122.5753	9.89	0.00	123208	133.0	98.1	67.9	127.9



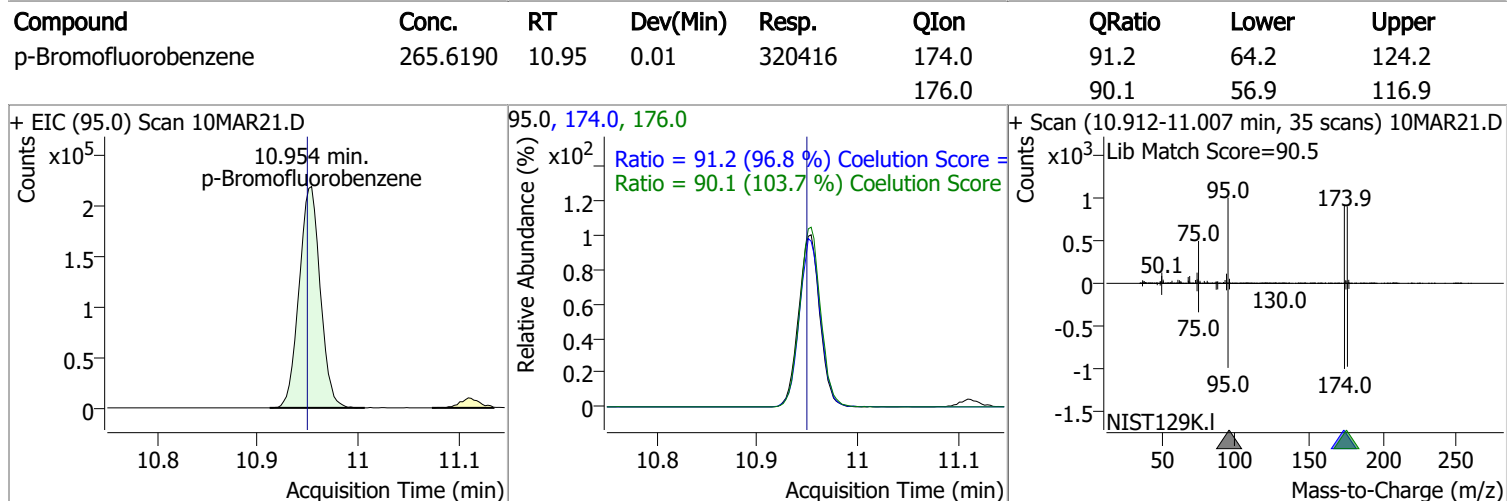
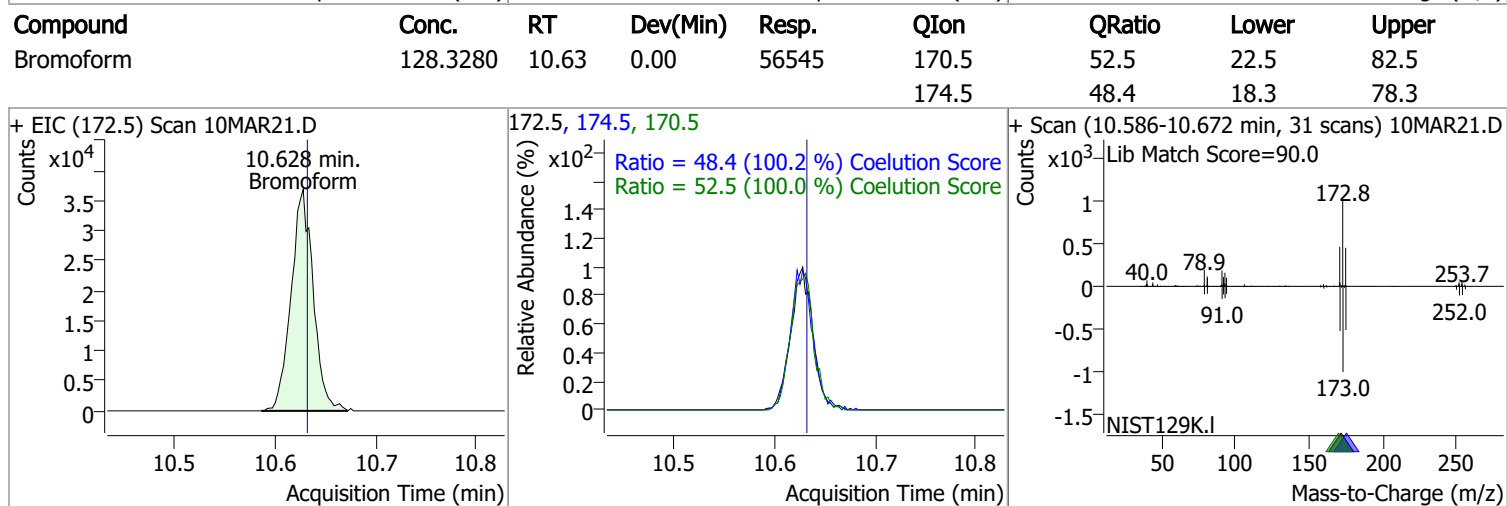
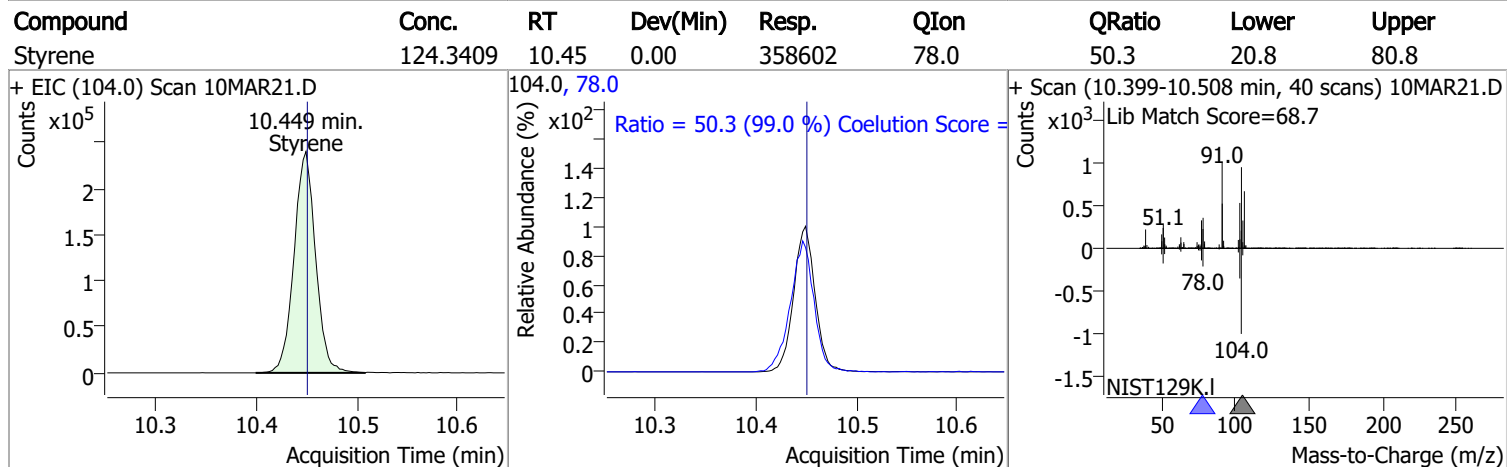
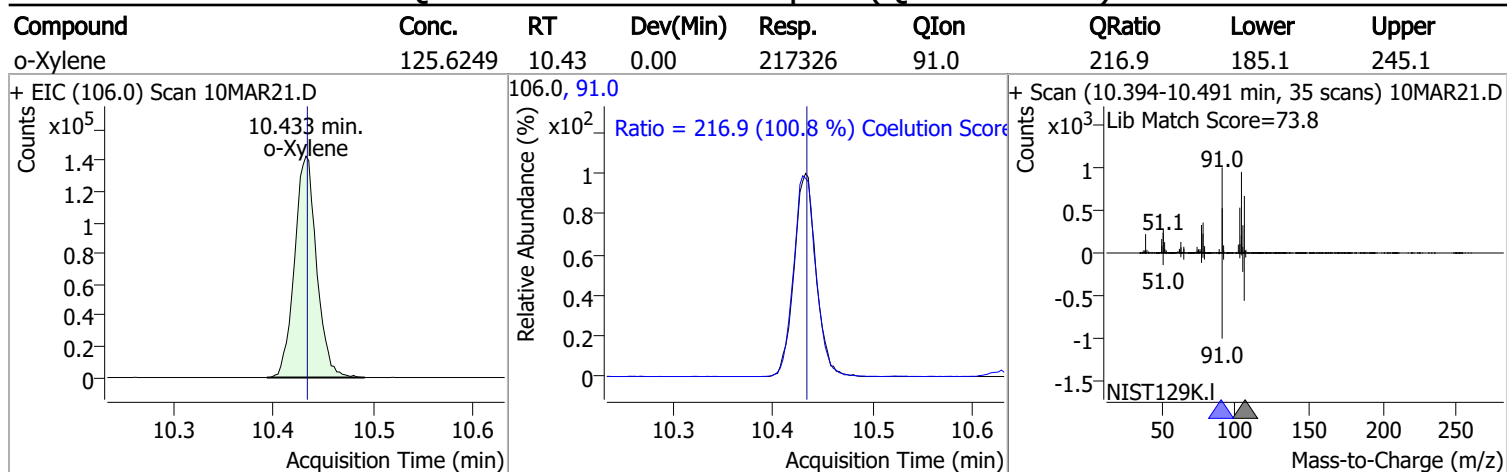
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	123.7852	9.92	0.00	624264	106.0	30.9	1.2	61.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	242.1226	10.04	0.00	484539	91.0	206.6	173.1	233.1



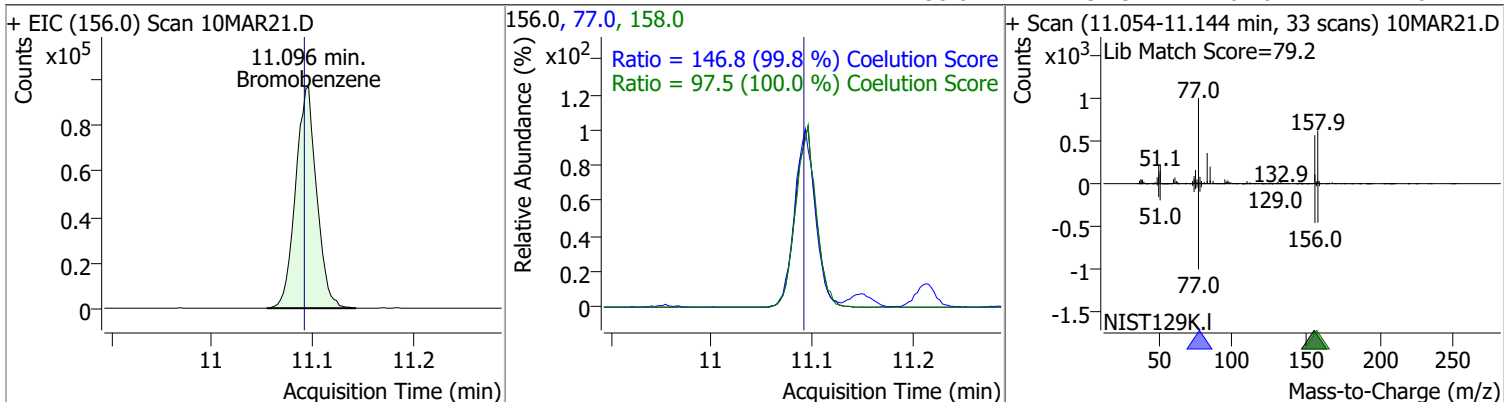
# Quantitation Results Report (QT Reviewed)



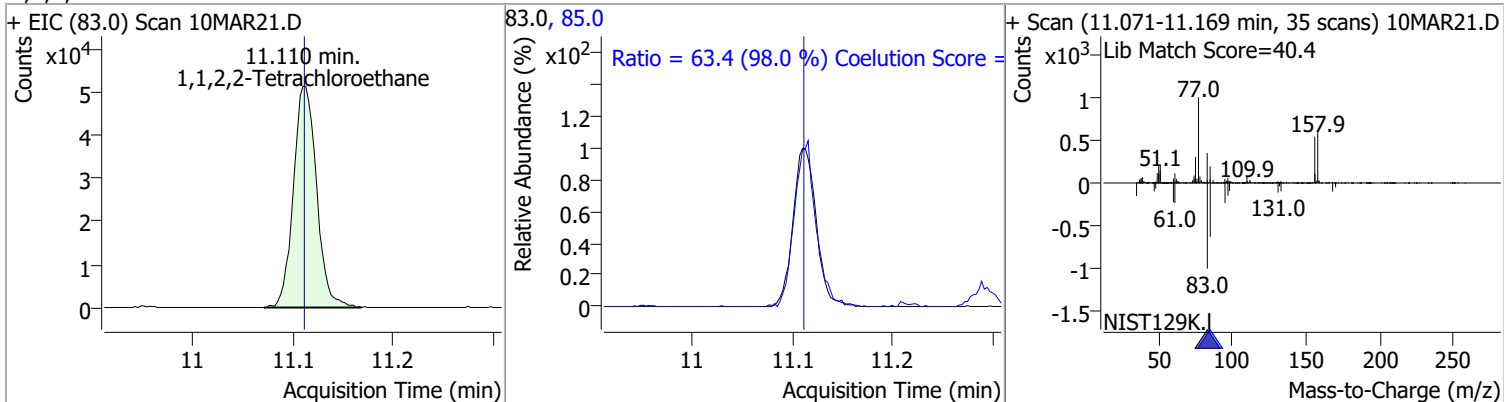


# Quantitation Results Report (QT Reviewed)

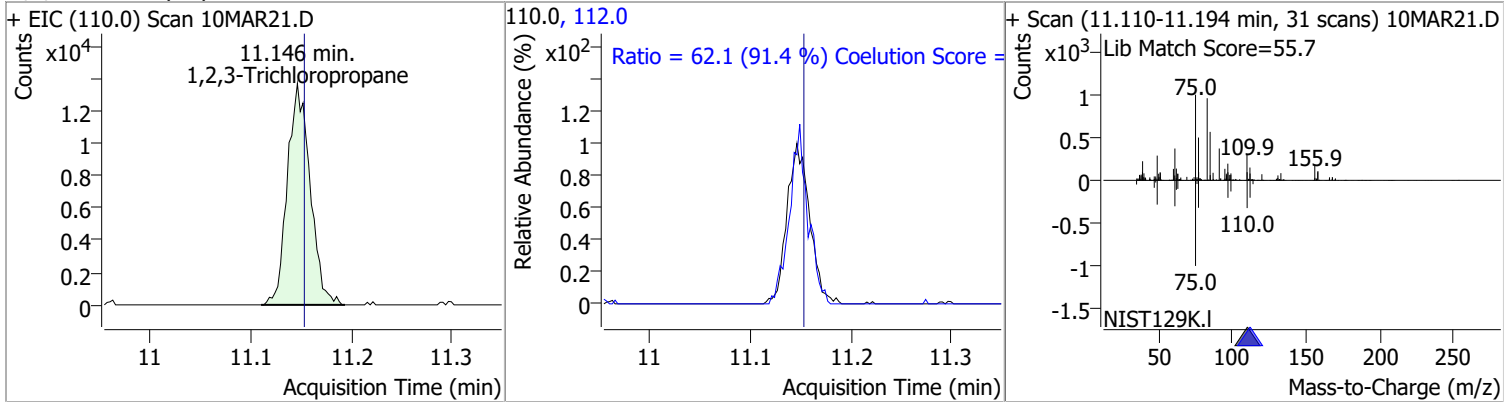
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	130.1390	11.10	0.01	141492	77.0	146.8	117.1	177.1
					158.0	97.5	67.6	127.6



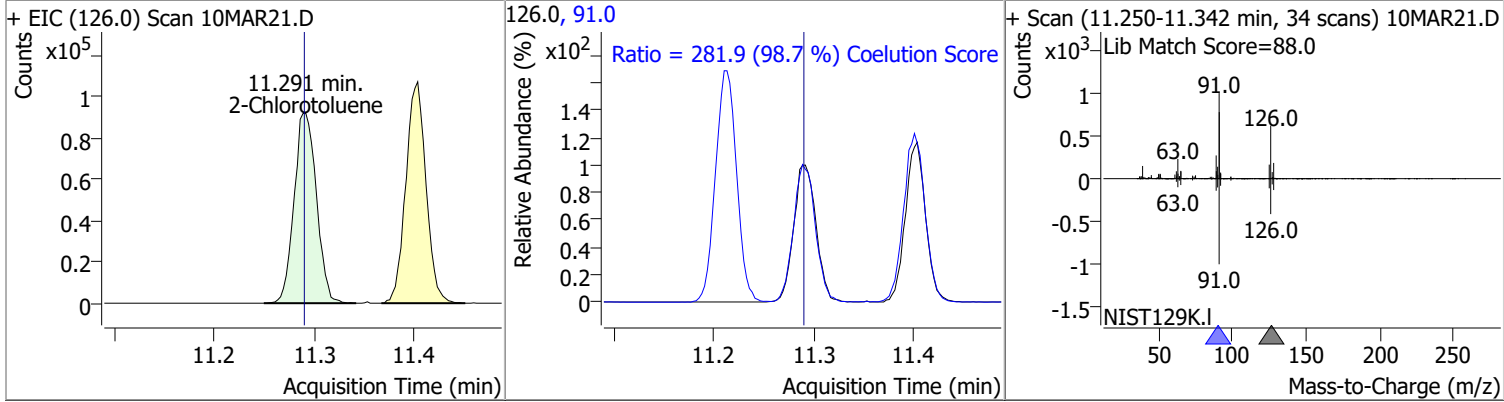
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	133.2640	11.11	0.00	82520	85.0	63.4	34.7	94.7



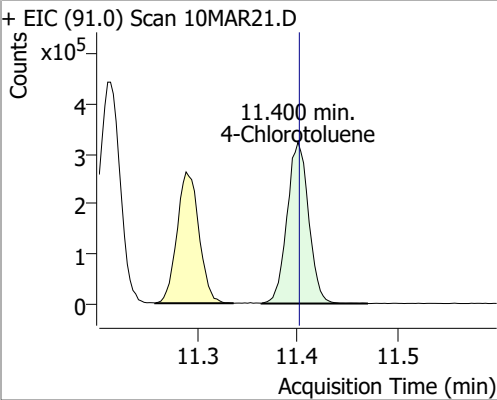
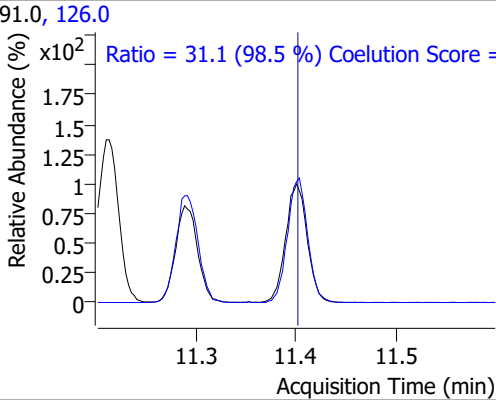
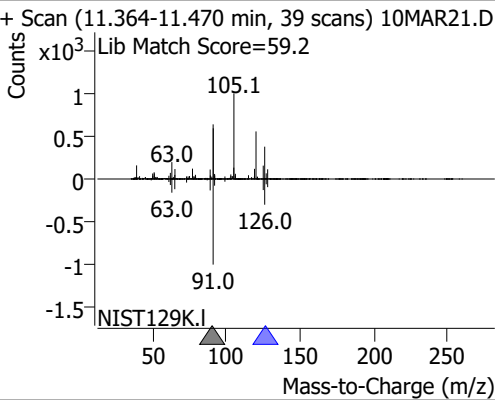
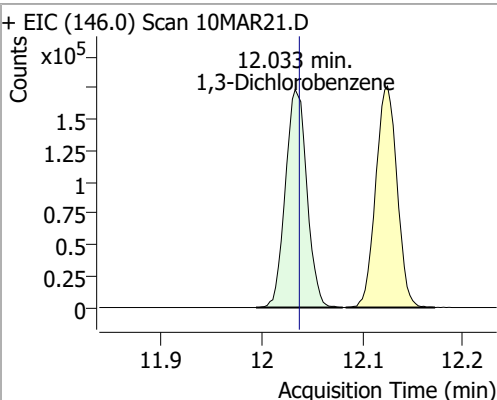
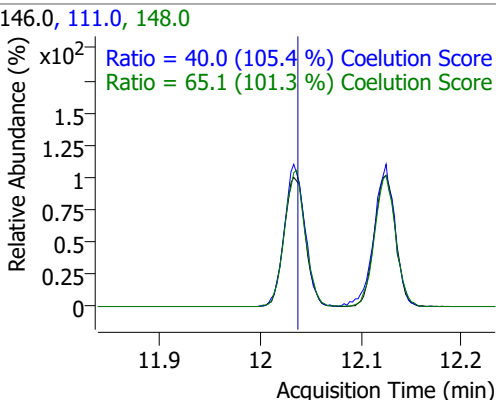
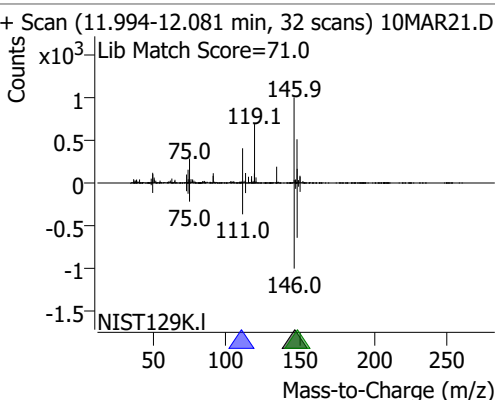
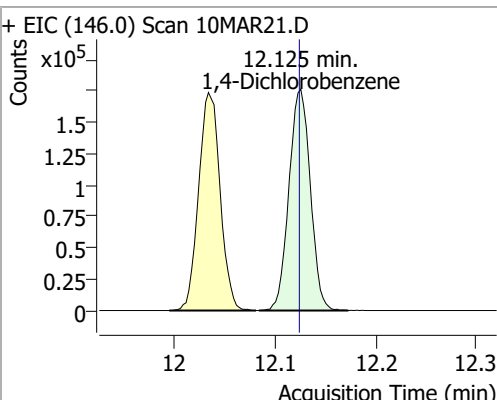
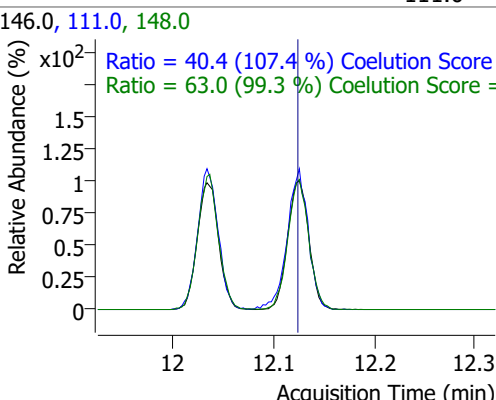
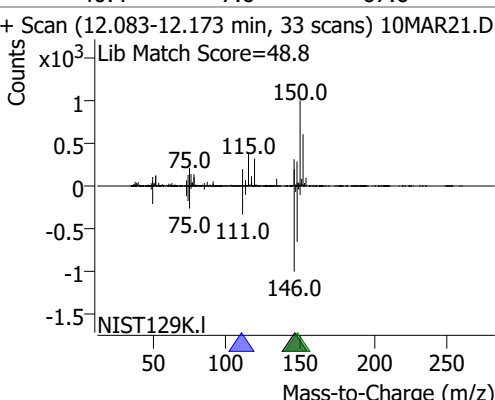
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	130.9029	11.15	-0.01	21529	112.0	62.1	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	131.7456	11.29	0.00	142571	91.0	281.9	255.6	315.6

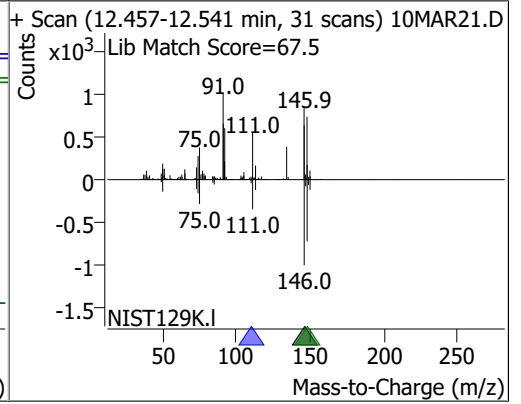
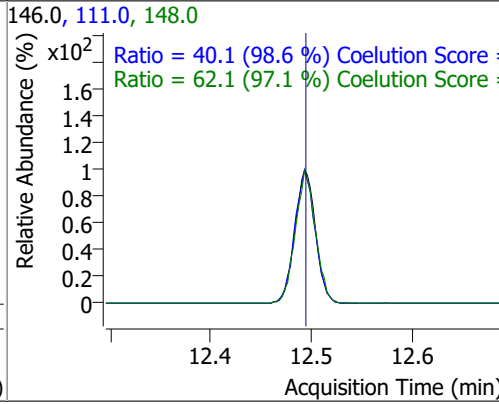
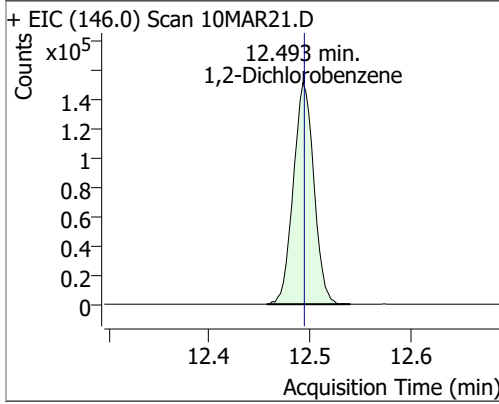


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	136.4513	11.40	0.00	483055	126.0	31.1	1.5	61.5
+ EIC (91.0) Scan 10MAR21.D 			91.0, 126.0 			+ Scan (11.364-11.470 min, 39 scans) 10MAR21.D Lib Match Score=59.2 		
1,3-Dichlorobenzene	133.2057	12.03	0.00	258589	148.0	65.1	34.3	94.3
+ EIC (146.0) Scan 10MAR21.D 			146.0, 111.0, 148.0 			+ Scan (11.994-12.081 min, 32 scans) 10MAR21.D Lib Match Score=71.0 		
1,4-Dichlorobenzene	128.6701	12.13	0.00	260863	148.0	63.0	33.5	93.5
+ EIC (146.0) Scan 10MAR21.D 			146.0, 111.0, 148.0 			+ Scan (12.083-12.173 min, 33 scans) 10MAR21.D Lib Match Score=48.8 		

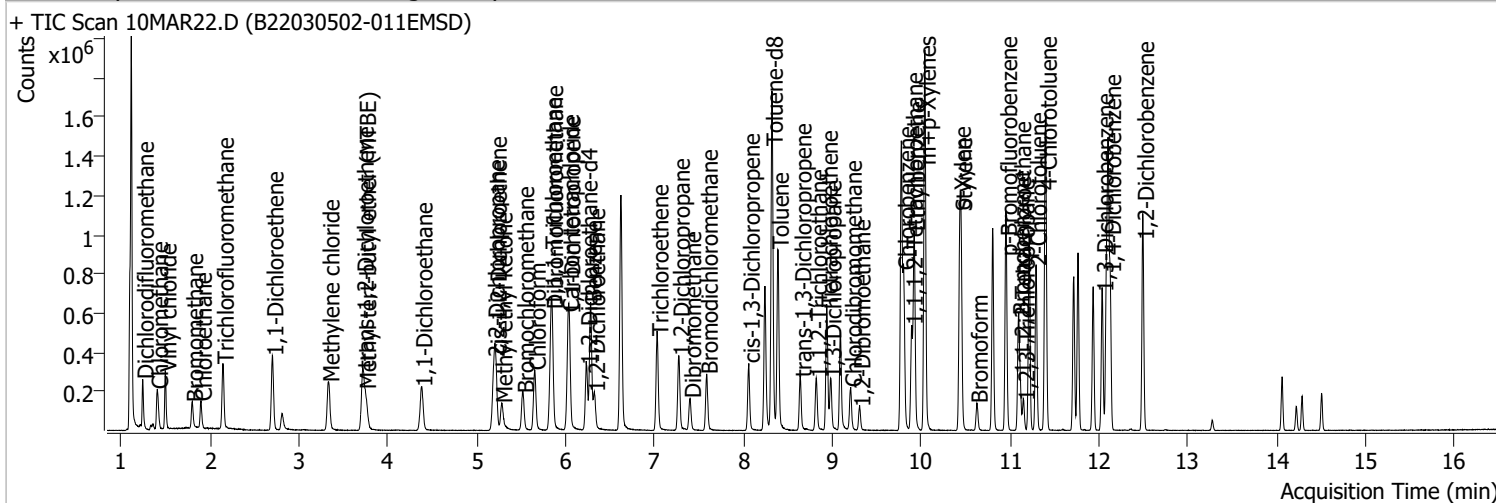
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	130.3358	12.49	0.00	214388	148.0	62.1	33.9	93.9
					111.0	40.1	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File	10MAR22.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 9:40:20 PM
Sample Name	B22030502-011EMSD	Instrument	VOA5975C
Vial	22	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.l		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	1023536	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	395376	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.100	152.0	327703	250.0000	ng	0.000
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	266867	256.6038	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 102.64%		
S 1,2-Dichloroethane-d4	6.233	67.0	120188	258.9040	ng	-0.003
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 103.56%		
S Toluene-d8	8.319	98.0	1040785	246.8580	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 98.74%		
S p-Bromofluorobenzene	10.954	95.0	318201	263.3361	ng	0.006
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 105.33%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.241	85.0	155640	105.3006	ng	98
T Chloromethane	1.406	50.0	204845	119.5622	ng	100
T Vinyl chloride	1.498	62.0	191526	123.7492	ng	99
T Bromomethane	1.799	96.0	65678	95.4955	ng	99
T Chloroethane	1.896	64.0	90756	110.8714	ng	97
T Trichlorofluoromethane	2.142	101.0	233720	119.6986	ng	98
T 1,1-Dichloroethene	2.700	96.0	129970	125.1546	ng	95
T Methylene chloride	3.333	49.0	186179	118.0663	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	132653	122.7004	ng	98
T Methyl tert-butyl ether (MTBE)	3.745	73.0	175967	130.6364	ng	100
T 1,1-Dichloroethane	4.378	63.0	261460	126.2644	ng	96
T 2,2-Dichloropropane	5.193	77.0	185521	116.2470	ng	99
T cis-1,2-Dichloroethene	5.212	96.0	137878	126.1118	ng	97
T Methyl ethyl ketone	5.279	43.0	197427	1373.8789	ng	99
T Bromochloromethane	5.522	128.0	54744	125.5904	ng	93
T Chloroform	5.653	83.0	239662	118.1089	ng	98

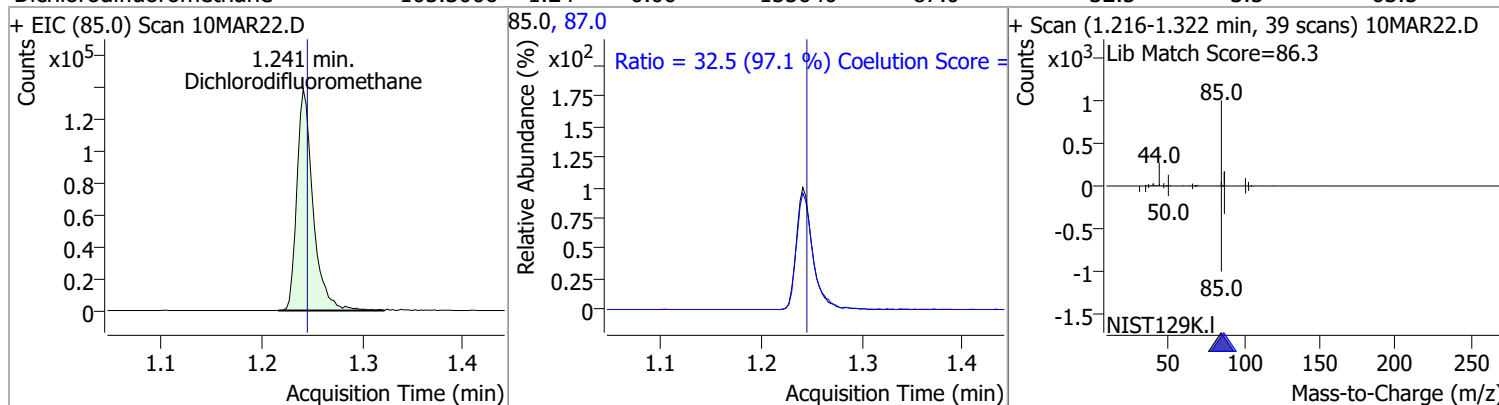
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.834	97.0	240379	122.1756	ng	99
T Carbon tetrachloride	6.026	117.0	233561	120.2555	ng	99
T 1,1-Dichloropropene	6.040	75.0	186756	116.9804	ng	98
T Benzene	6.280	78.0	526846	126.5845	ng	99
T 1,2-Dichloroethane	6.319	62.0	145378	129.2603	ng	96
T Trichloroethene	7.030	95.0	152687	123.4352	ng	99
T 1,2-Dichloropropane	7.273	63.0	132934	123.3459	ng	99
T Dibromomethane	7.398	93.0	57102	125.1402	ng	98
T Bromodichloromethane	7.585	83.0	165564	129.9203	ng	99
T cis-1,3-Dichloropropene	8.059	75.0	161294	116.1774	ng	100
T Toluene	8.386	92.0	340561	130.5504	ng	100
T trans-1,3-Dichloropropene	8.639	75.0	131890	129.1148	ng	98
T 1,1,2-Trichloroethane	8.818	83.0	65776	127.9757	ng	97
T Tetrachloroethene	8.938	163.8	135846	122.9639	ng	98
T 1,3-Dichloropropane	8.980	76.0	128033	121.7793	ng	98
T Chlorodibromomethane	9.206	129.0	104549	125.8236	ng	97
T 1,2-Dibromoethane	9.303	107.0	73166	127.1775	ng	98
T Chlorobenzene	9.802	112.0	375099	129.0161	ng	99
T 1,1,1,2-Tetrachloroethane	9.892	131.0	129110	126.8607	ng	98
T Ethylbenzene	9.919	91.0	642180	125.7102	ng	100
T m+p-Xylenes	10.039	106.0	498925	246.1353	ng	99
T o-Xylene	10.433	106.0	221445	126.3989	ng	100
T Styrene	10.446	104.0	363389	124.4417	ng	97
T Bromoform	10.625	172.5	58707	133.0090	ng	96
T Bromobenzene	11.093	156.0	144335	132.5290	ng	99
T 1,1,2,2-Tetrachloroethane	11.113	83.0	86242	139.0389	ng	97
T 1,2,3-Trichloropropane	11.152	110.0	21717	131.8223	ng	90
T 2-Chlorotoluene	11.289	126.0	149716	138.1138	ng	94
T 4-Chlorotoluene	11.400	91.0	485365	136.8716	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	267385	137.5035	ng	98
T 1,4-Dichlorobenzene	12.125	146.0	264756	130.3692	ng	97
T 1,2-Dichlorobenzene	12.496	146.0	219598	133.2771	ng	99

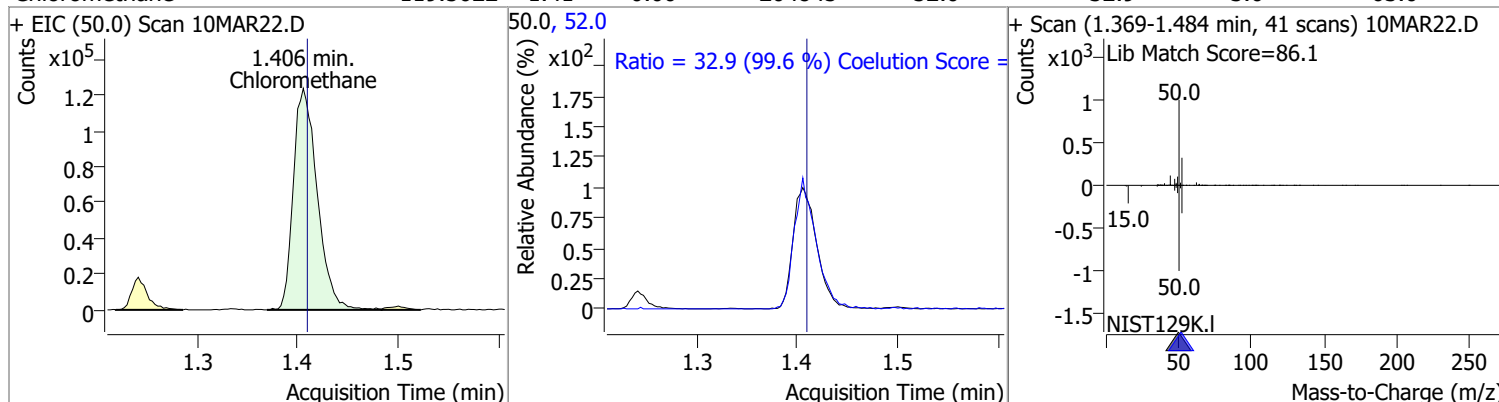
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

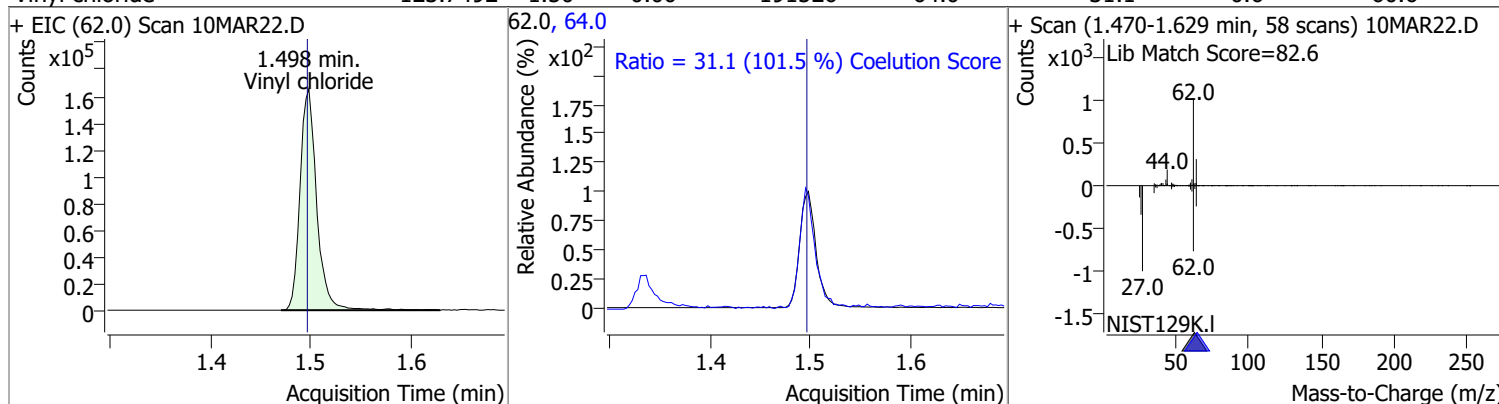
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	105.3006	1.24	0.00	155640	87.0	32.5	3.5	63.5



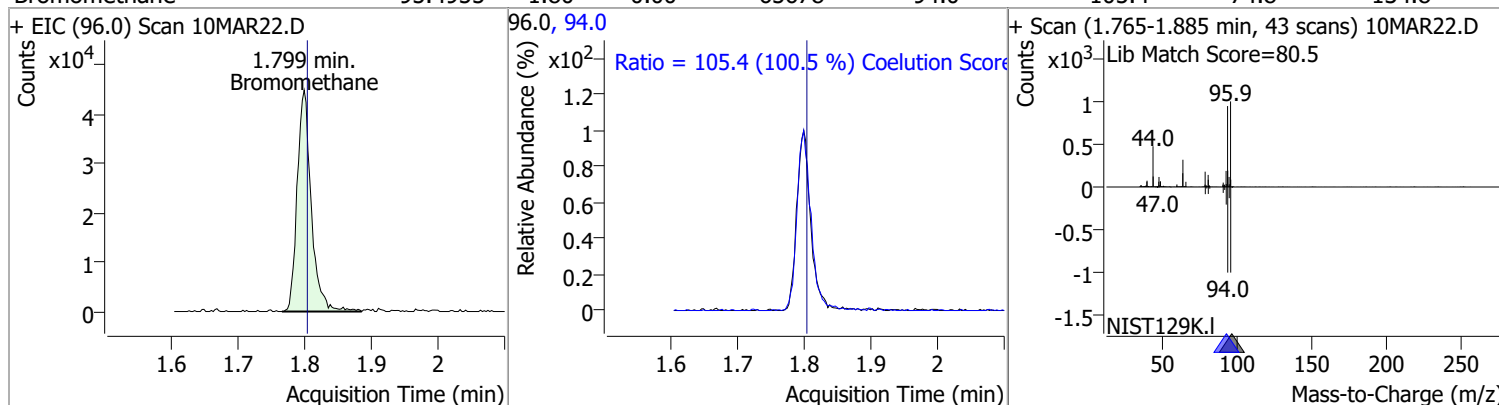
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	119.5622	1.41	0.00	204845	52.0	32.9	3.0	63.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	123.7492	1.50	0.00	191526	64.0	31.1	0.6	60.6

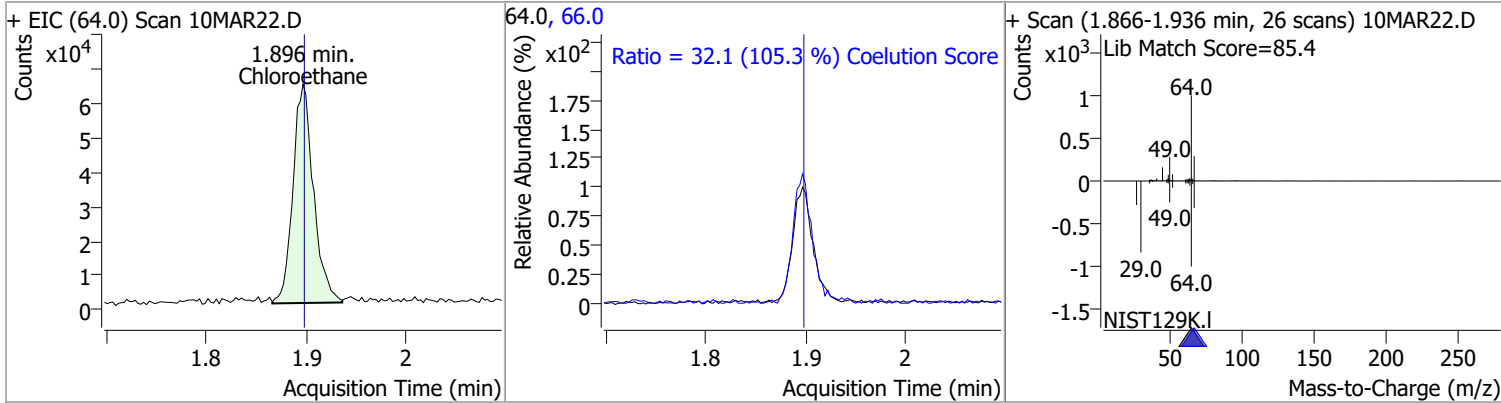


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	95.4955	1.80	0.00	65678	94.0	105.4	74.8	134.8

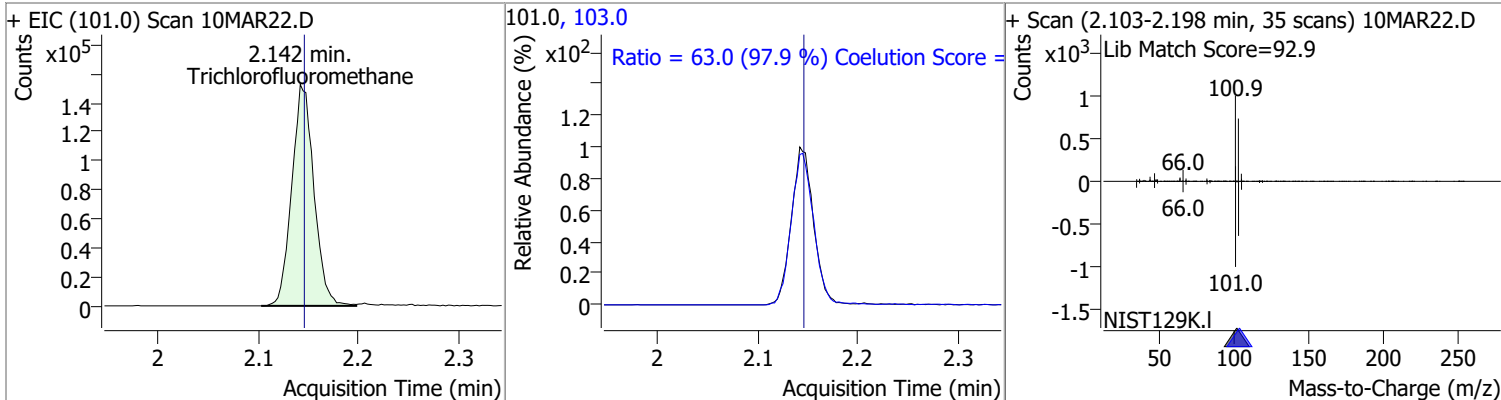


# Quantitation Results Report (QT Reviewed)

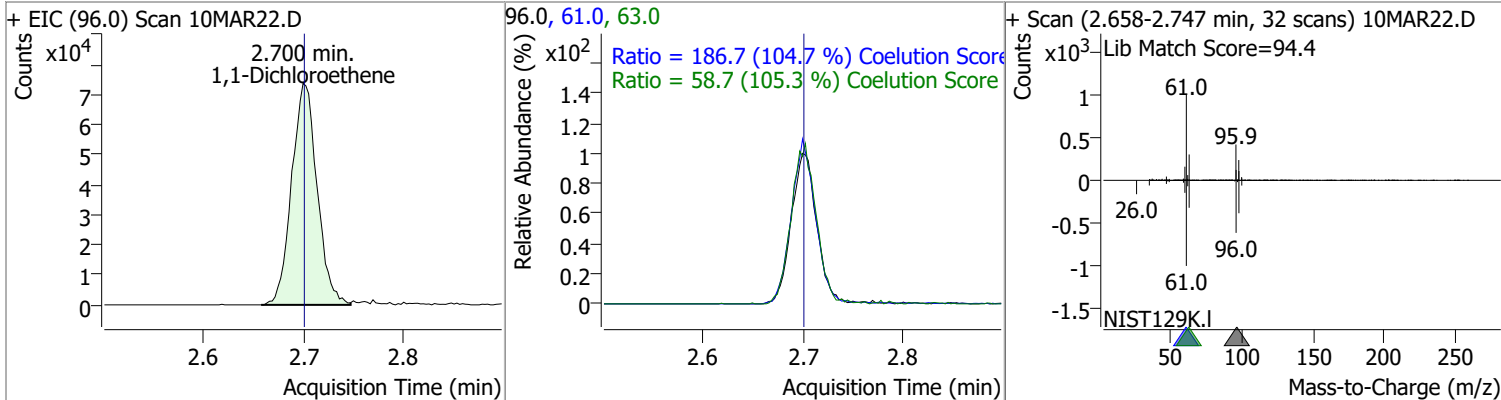
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	110.8714	1.90	0.00	90756	66.0	32.1	0.4	60.4



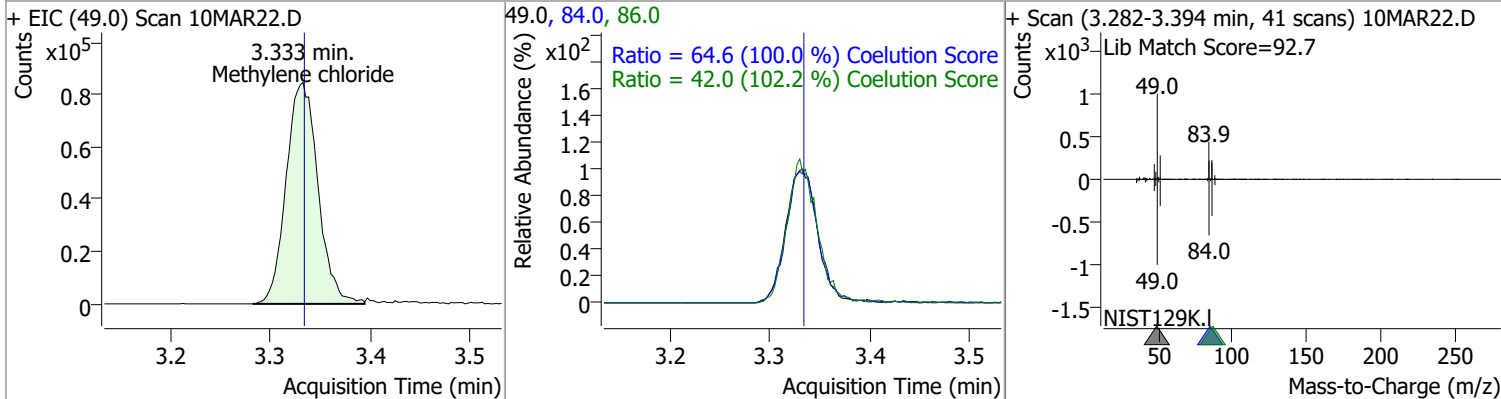
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichlorofluoromethane	119.6986	2.14	0.00	233720	103.0	63.0	34.3	94.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethene	125.1546	2.70	0.00	129970	61.0	186.7	148.4	208.4
					63.0	58.7	25.7	85.7

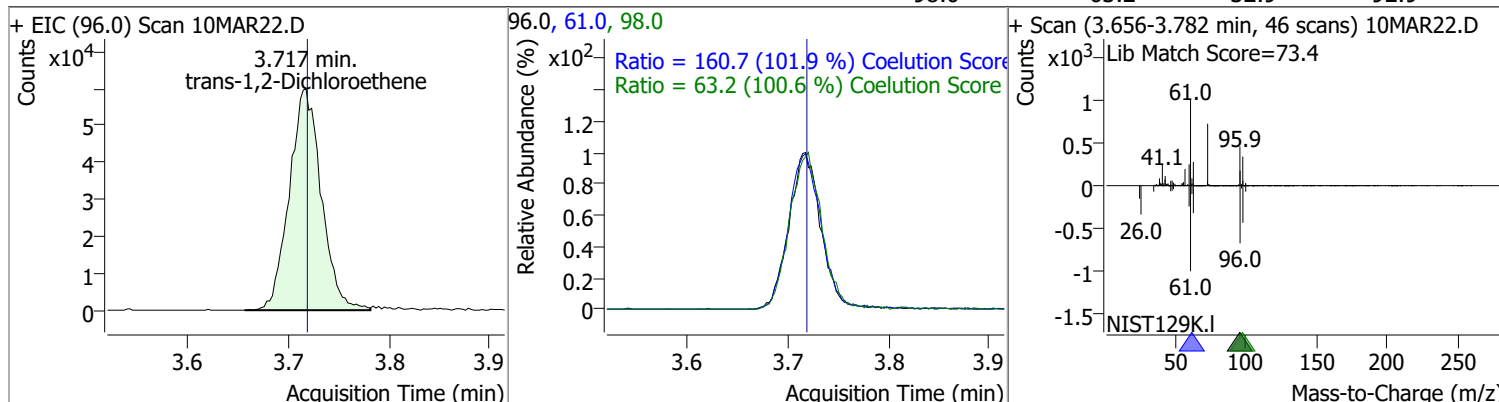


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methylene chloride	118.0663	3.33	0.00	186179	84.0	64.6	34.7	94.7
					86.0	42.0	11.1	71.1

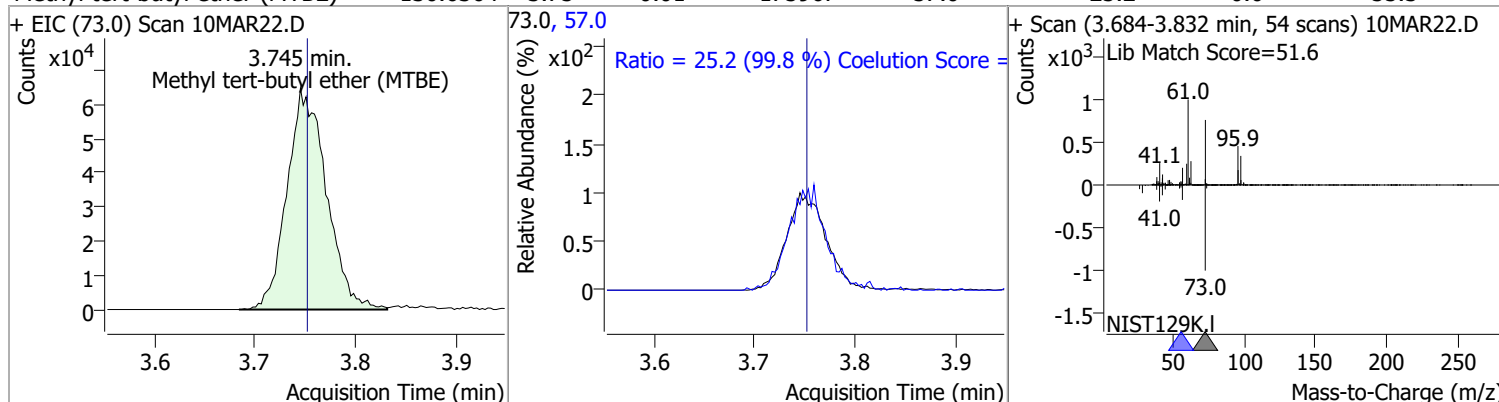


# Quantitation Results Report (QT Reviewed)

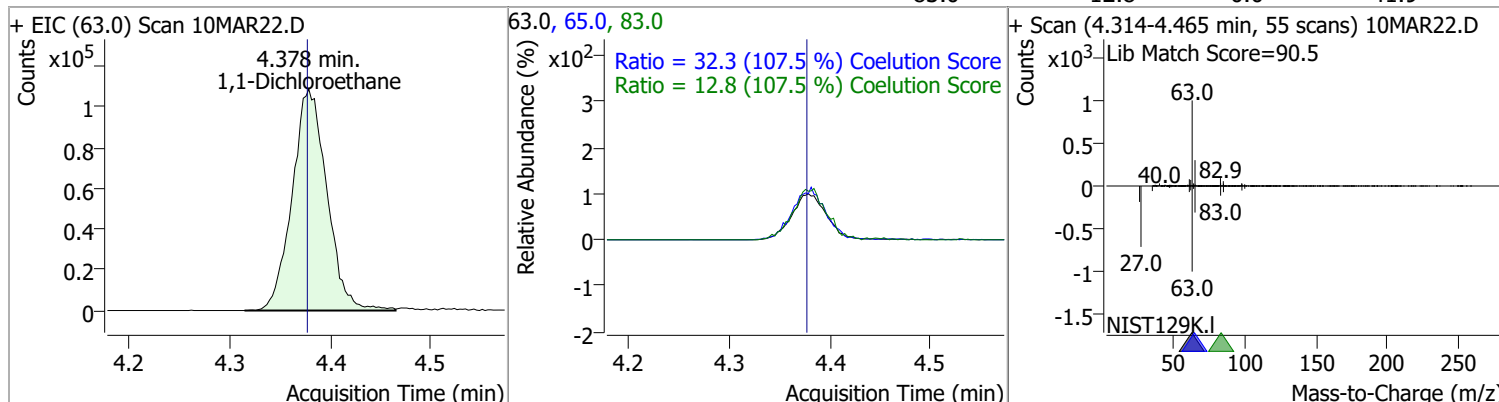
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	122.7004	3.72	0.00	132653	61.0 98.0	160.7 63.2	127.7 32.9	187.7 92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	130.6364	3.75	-0.01	175967	57.0	25.2	0.0	55.3



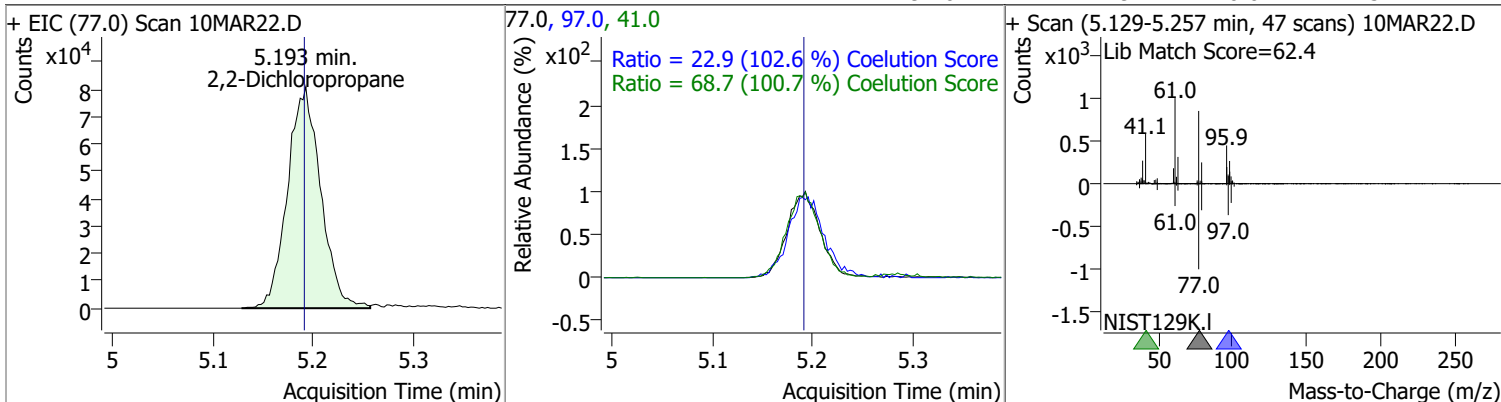
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	126.2644	4.38	0.00	261460	65.0 83.0	32.3 12.8	0.1 0.0	60.1 41.9



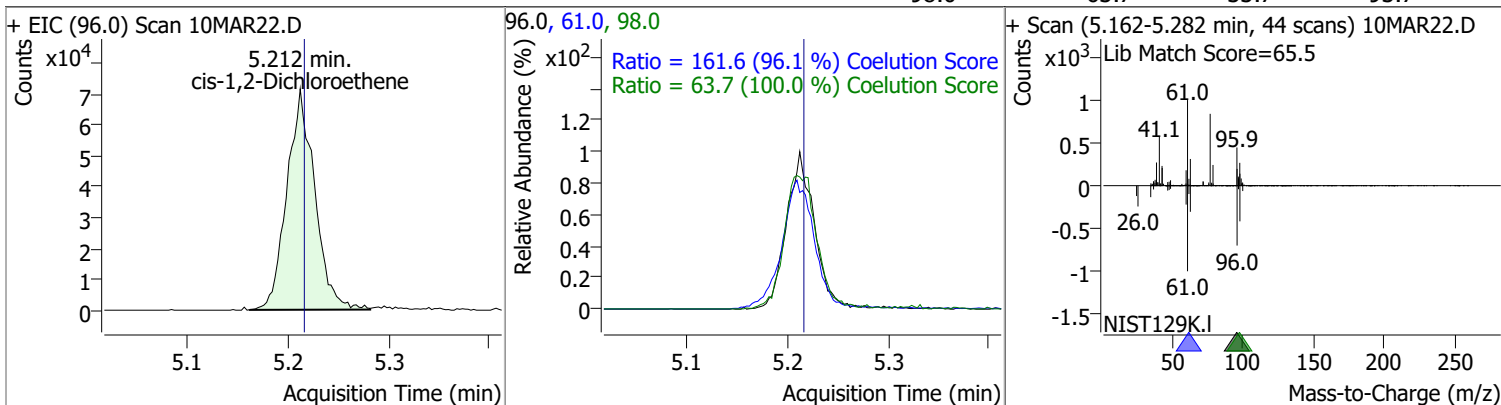


# Quantitation Results Report (QT Reviewed)

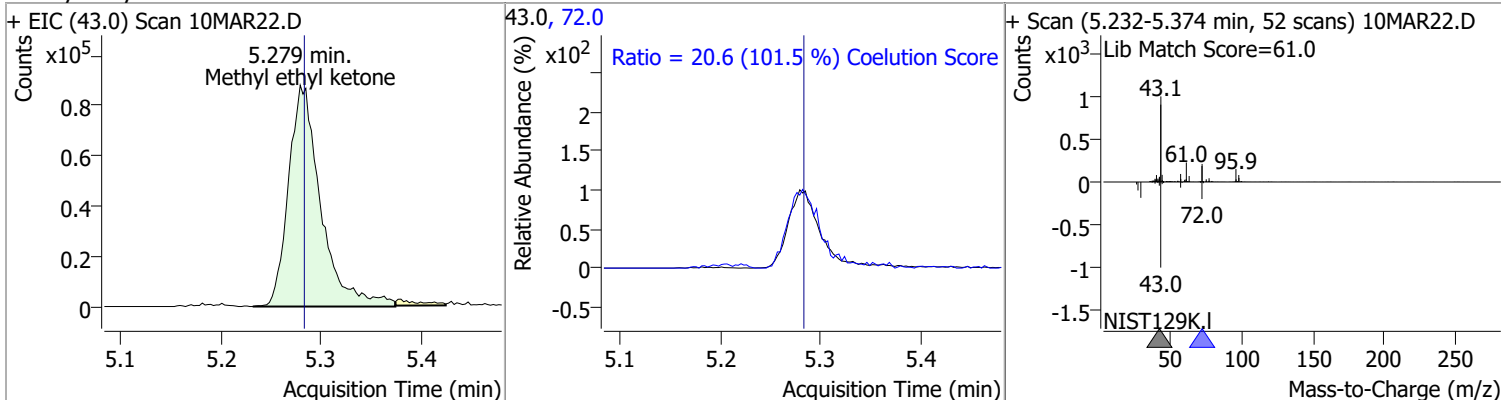
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	116.2470	5.19	0.00	185521	41.0	68.7	38.2	98.2
					97.0	22.9	0.0	52.4



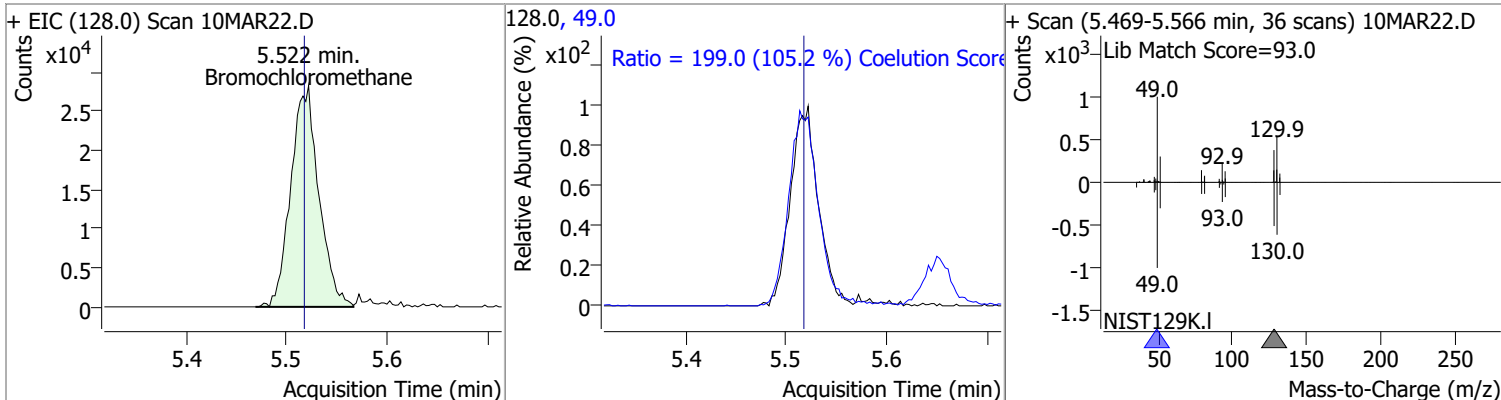
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	126.1118	5.21	0.00	137878	61.0	161.6	138.1	198.1
					98.0	63.7	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1373.8789	5.28	0.00	197427	72.0	20.6	0.0	50.3

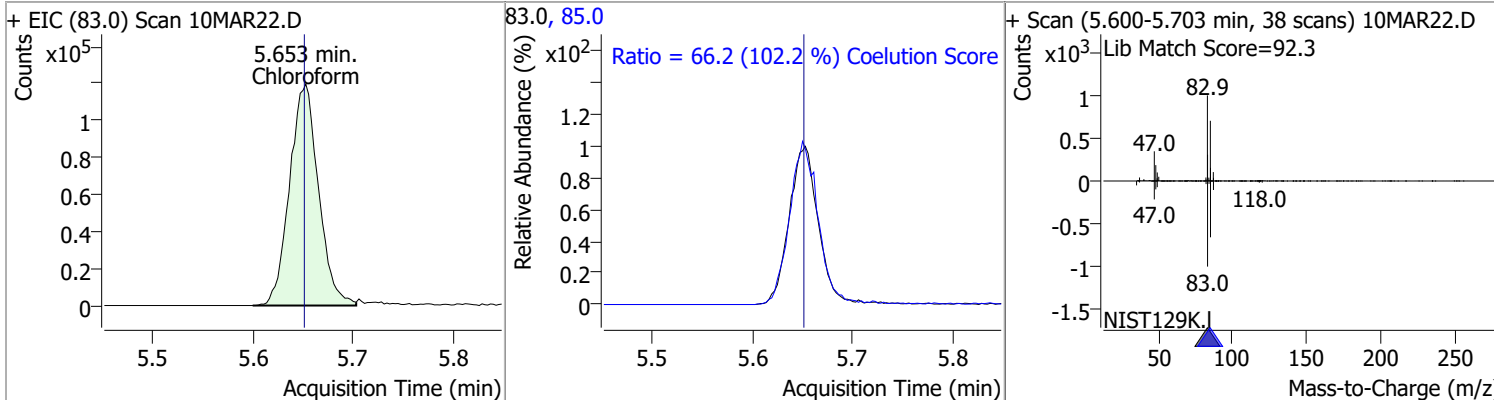


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	125.5904	5.52	0.01	54744	49.0	199.0	159.1	219.1

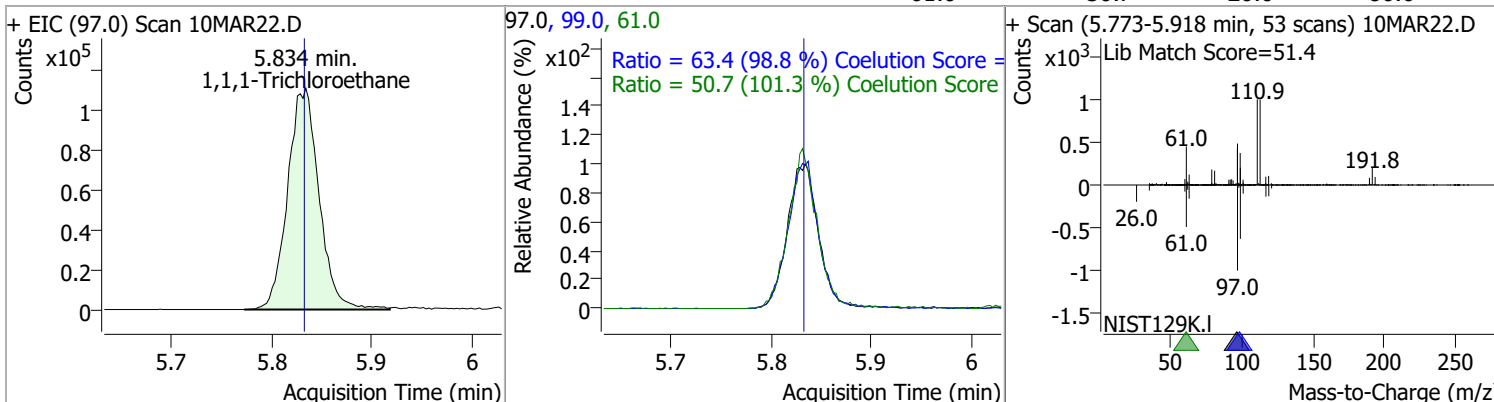


# Quantitation Results Report (QT Reviewed)

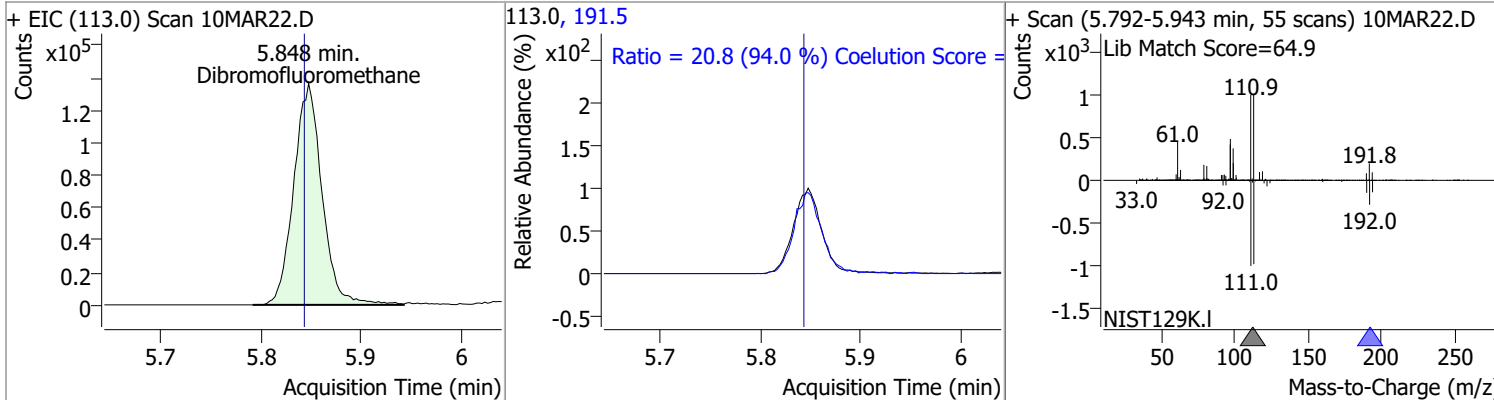
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	118.1089	5.65	0.00	239662	85.0	66.2	34.7	94.7



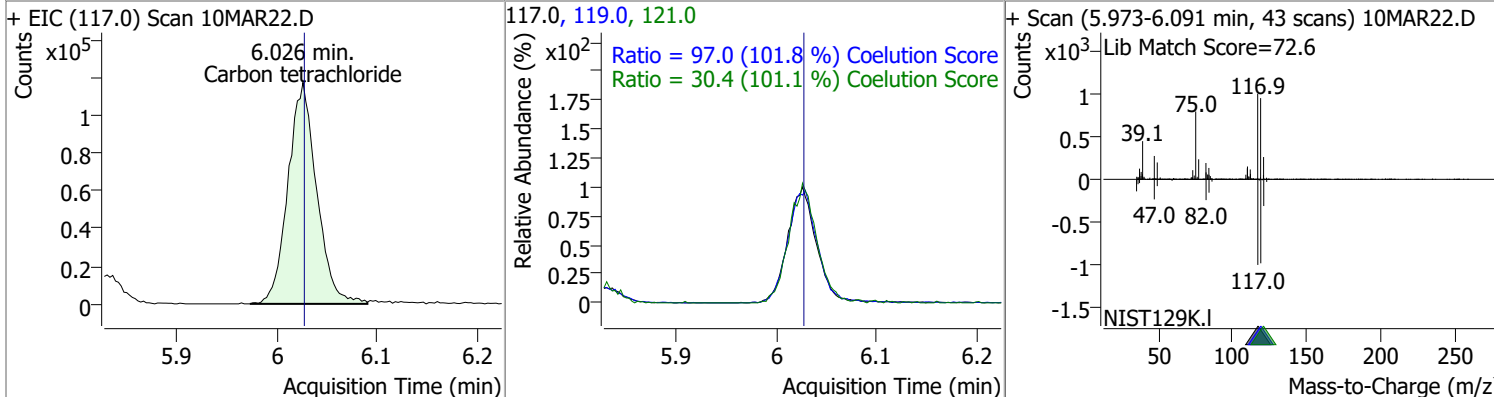
1,1,1-Trichloroethane	122.1756	5.83	0.00	240379	99.0	63.4	34.2	94.2
					61.0	50.7	20.0	80.0



Dibromofluoromethane	256.6038	5.85	0.01	266867	191.5	20.8	0.0	52.2
----------------------	----------	------	------	--------	-------	------	-----	------

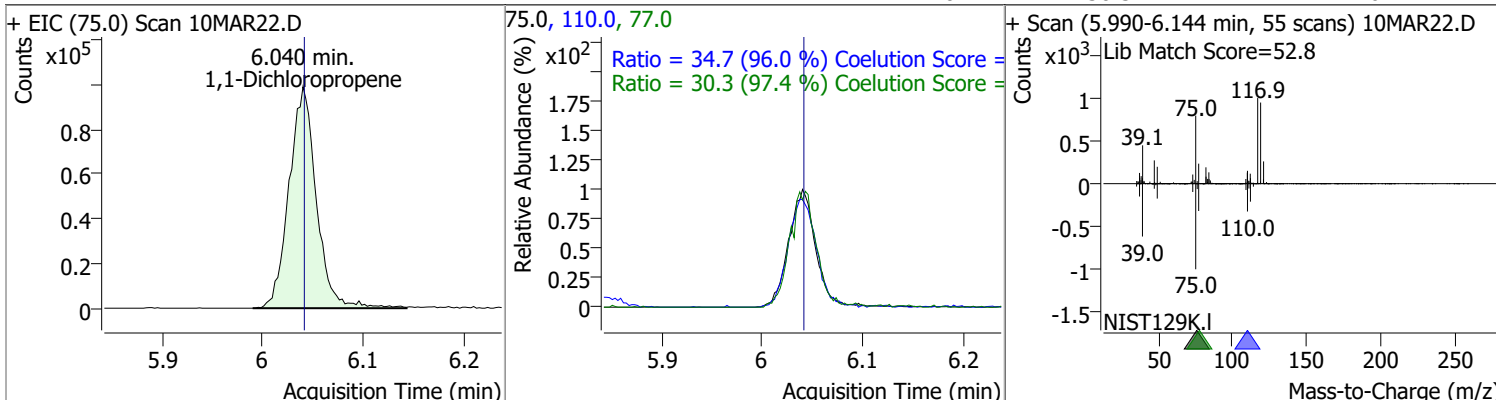


Carbon tetrachloride	120.2555	6.03	0.00	233561	119.0	97.0	65.3	125.3
					121.0	30.4	0.1	60.1

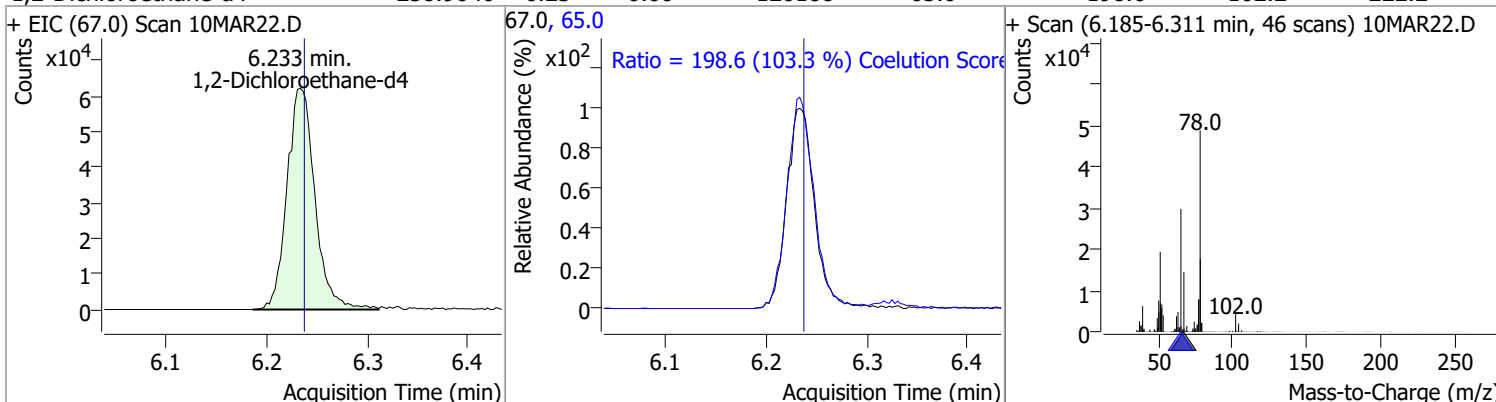


# Quantitation Results Report (QT Reviewed)

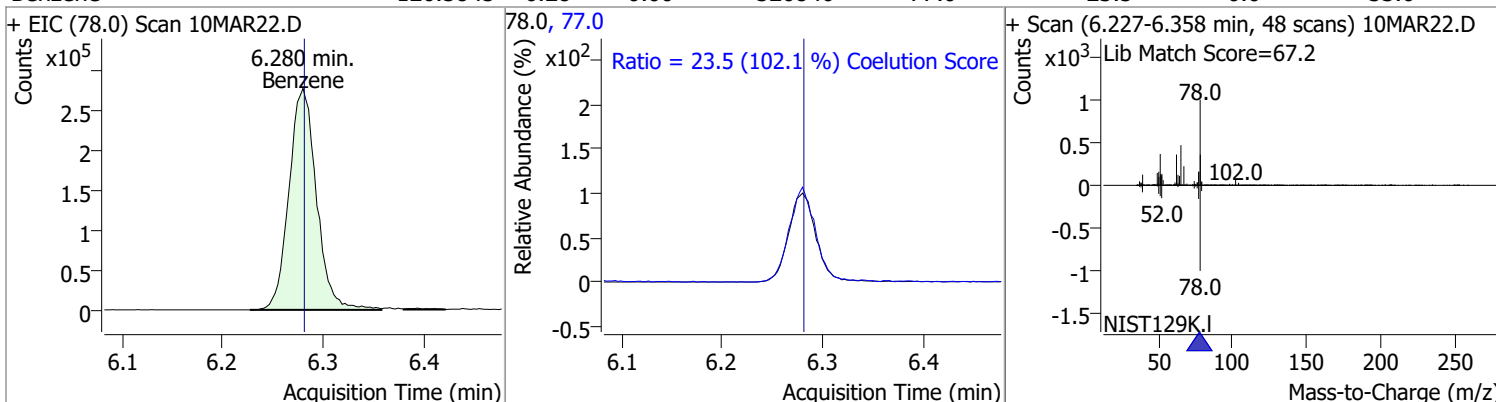
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	116.9804	6.04	0.00	186756	110.0	34.7	6.1	66.1
					77.0	30.3	1.1	61.1



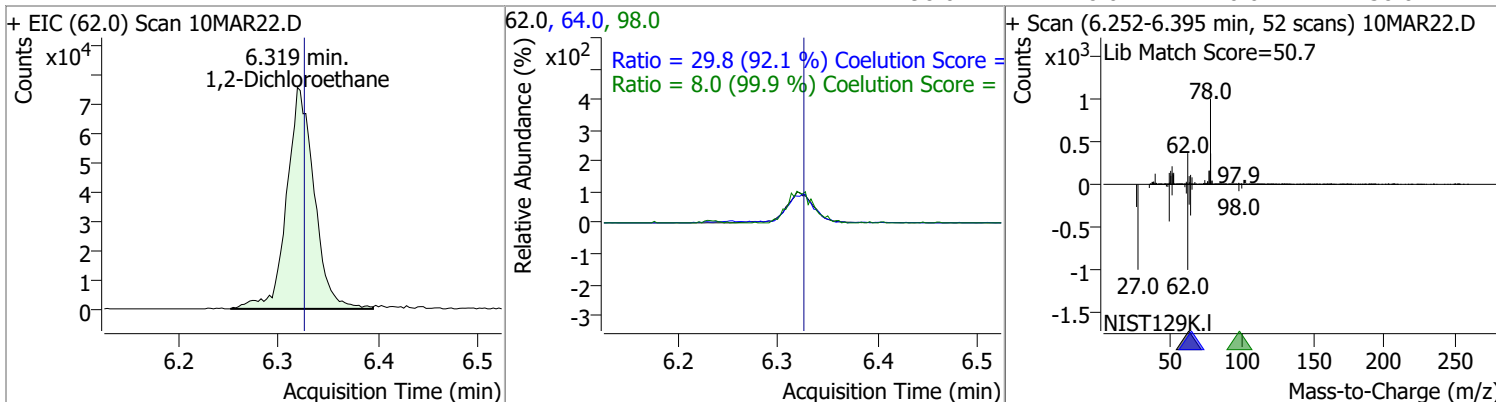
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	258.9040	6.23	0.00	120188	65.0	198.6	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	126.5845	6.28	0.00	526846	77.0	23.5	0.0	53.0

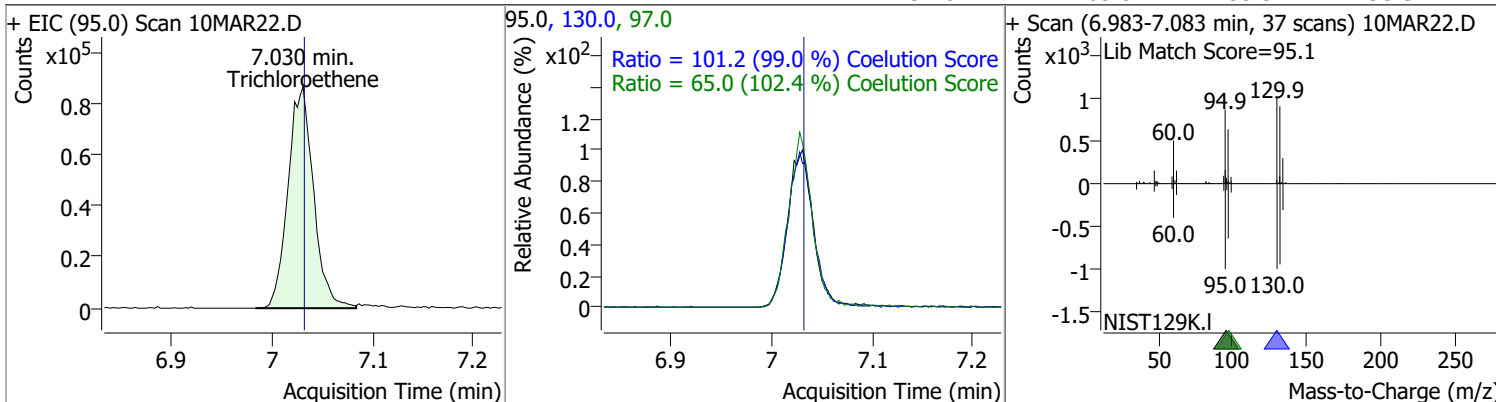


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	129.2603	6.32	-0.01	145378	64.0	29.8	2.3	62.3
					98.0	8.0	0.0	38.0

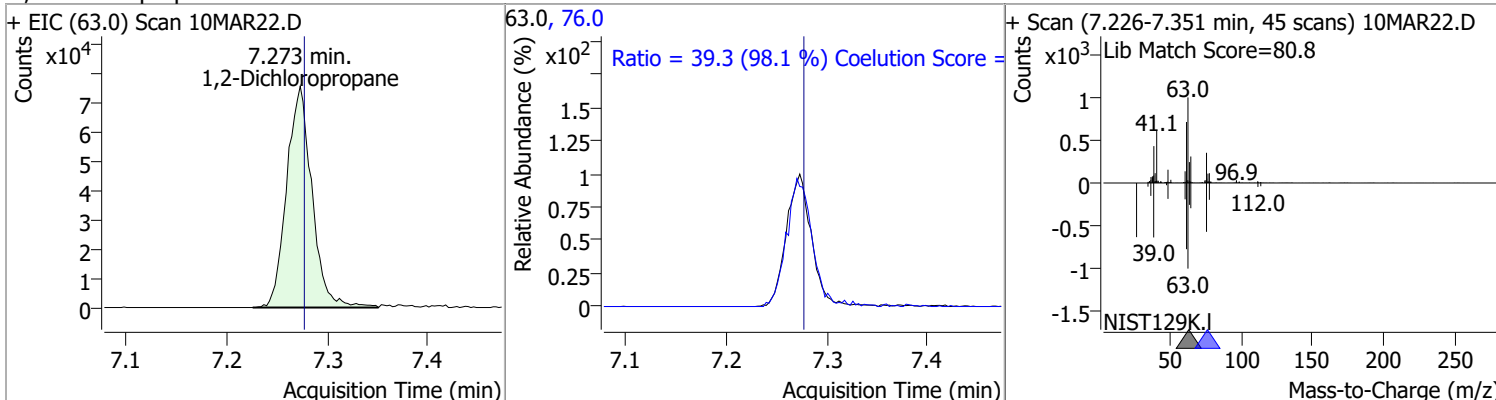


# Quantitation Results Report (QT Reviewed)

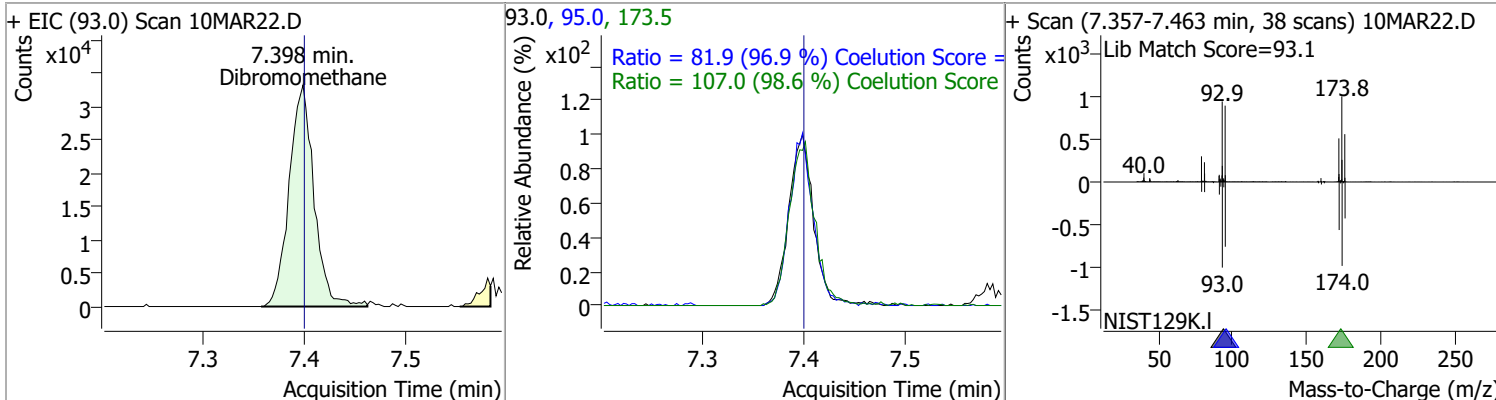
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	123.4352	7.03	0.00	152687	130.0	101.2	72.3	132.3
					97.0	65.0	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	123.3459	7.27	0.00	132934	76.0	39.3	10.1	70.1

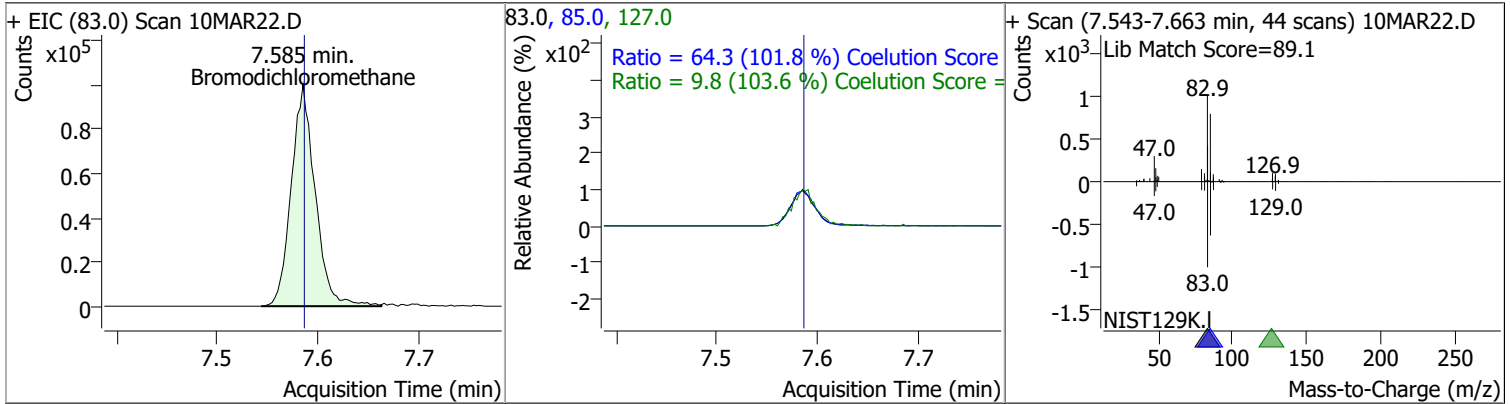


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	125.1402	7.40	0.00	57102	173.5	107.0	78.6	138.6
					95.0	81.9	54.5	114.5

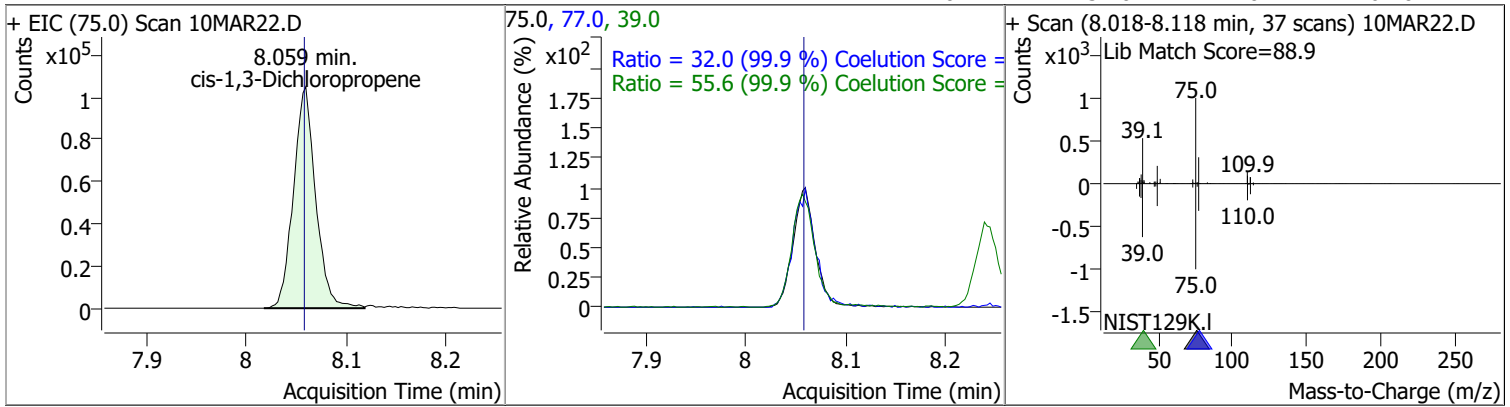


# Quantitation Results Report (QT Reviewed)

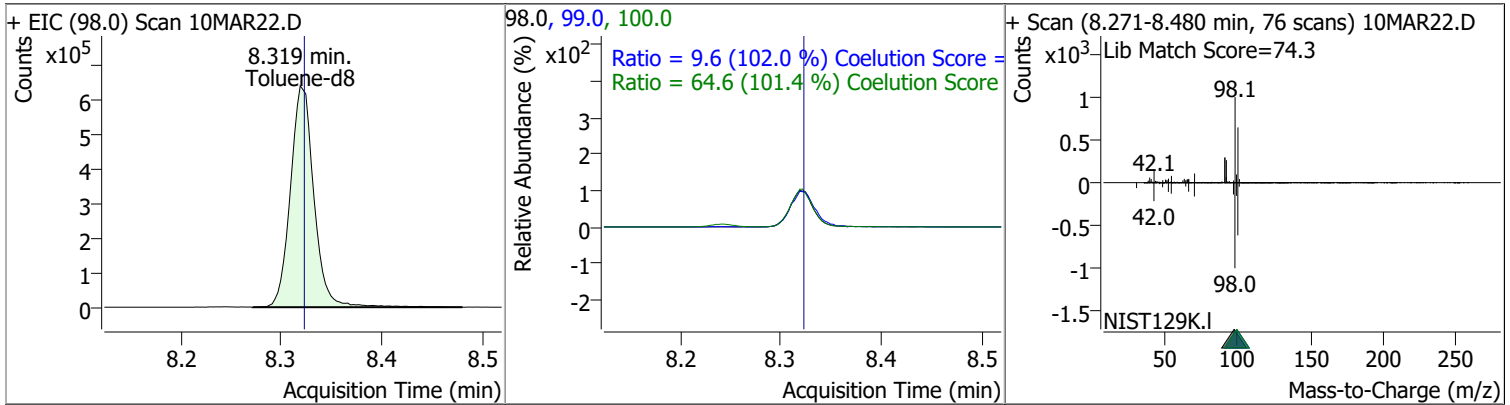
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	129.9203	7.59	0.00	165564	85.0	64.3	33.2	93.2
					127.0	9.8	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	116.1774	8.06	0.00	161294	39.0	55.6	25.6	85.6
					77.0	32.0	2.0	62.0

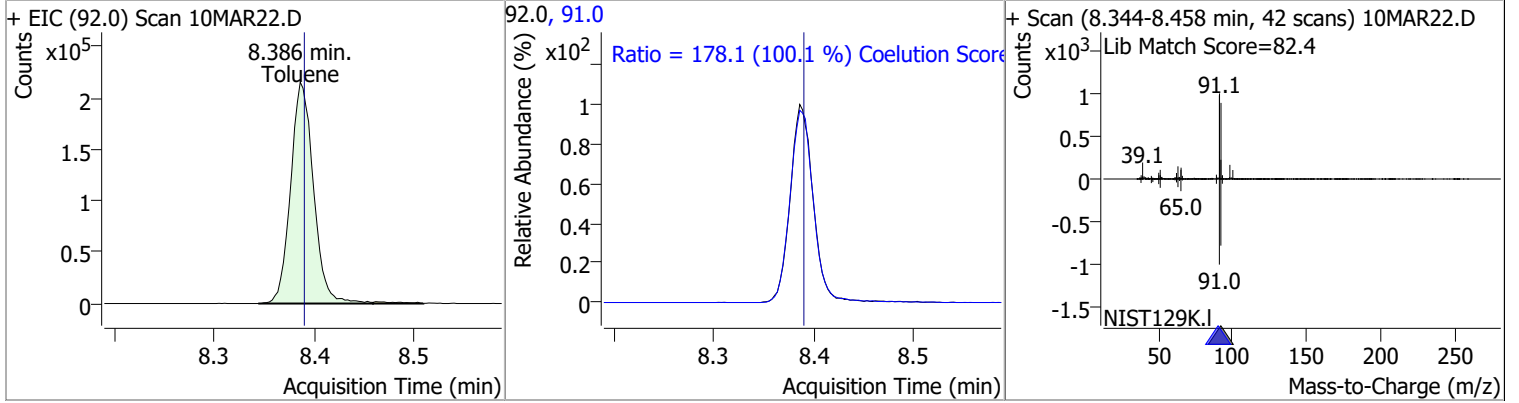


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	246.8580	8.32	0.00	1040785	100.0	64.6	33.7	93.7
					99.0	9.6	0.0	39.5

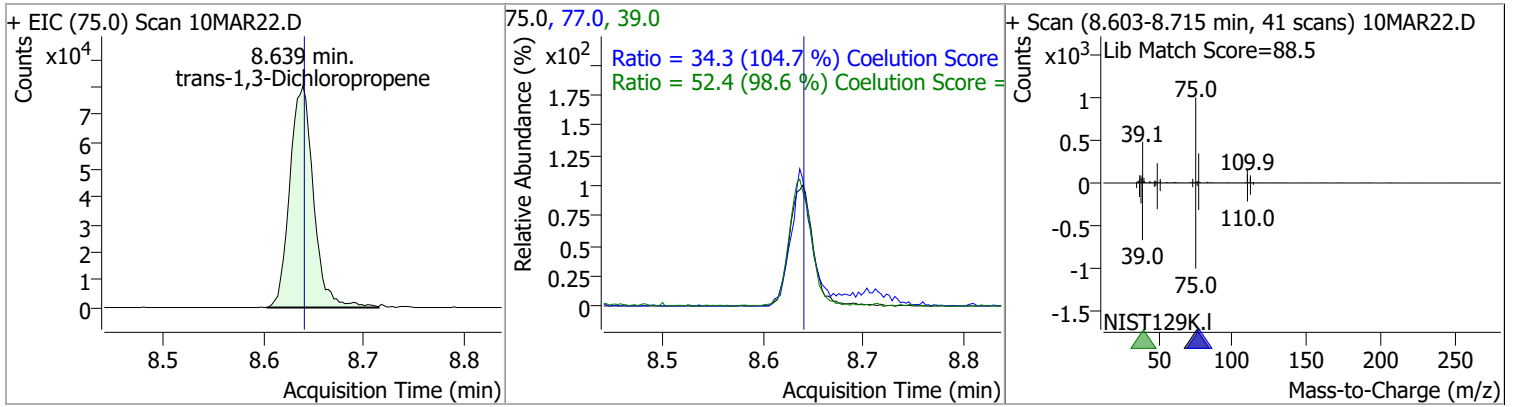


# Quantitation Results Report (QT Reviewed)

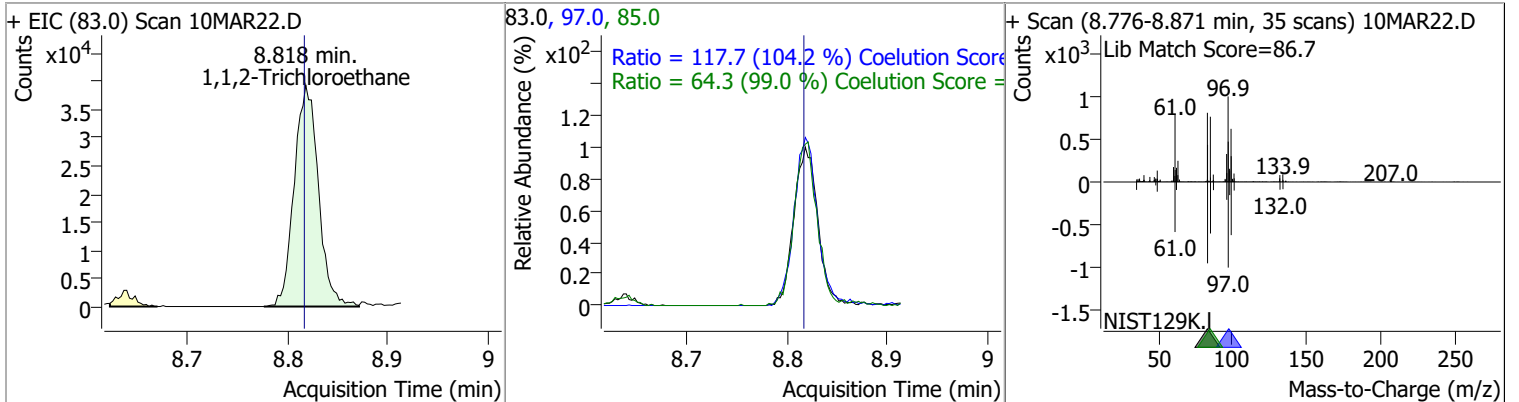
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	130.5504	8.39	0.00	340561	91.0	178.1	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	129.1148	8.64	0.00	131890	39.0	52.4	23.2	83.2
					77.0	34.3	2.8	62.8



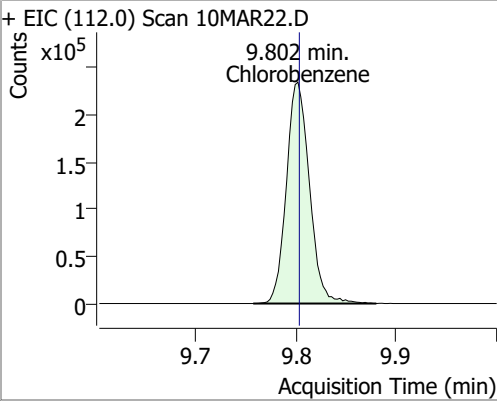
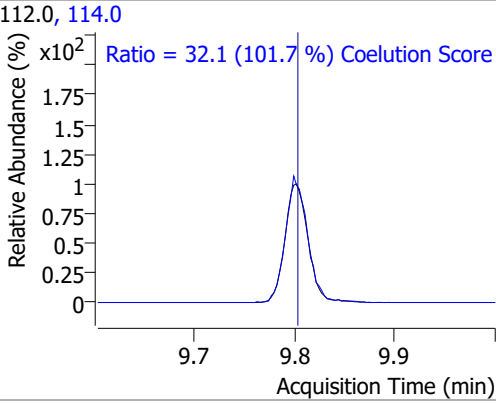
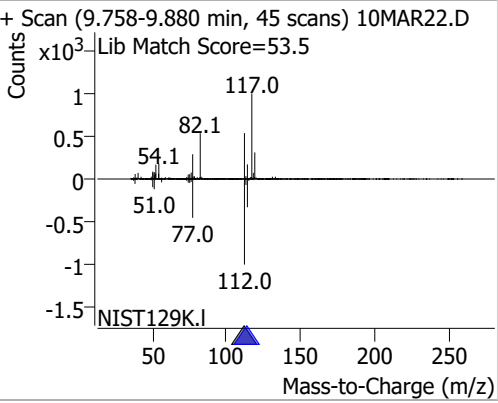
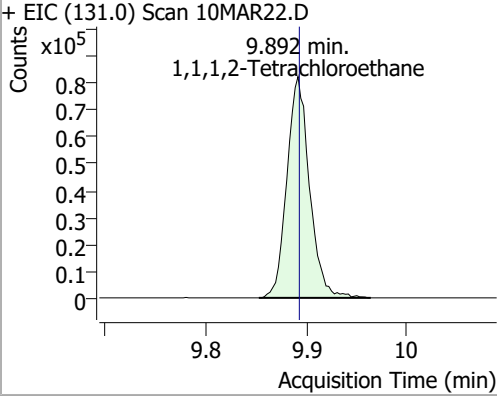
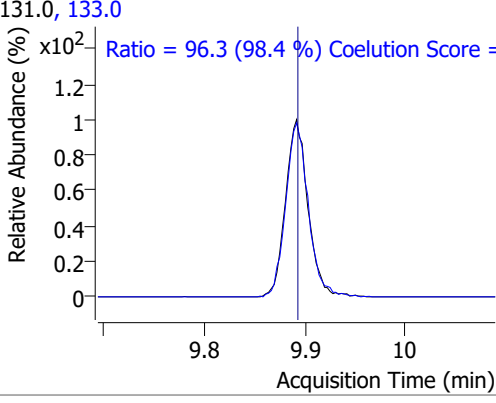
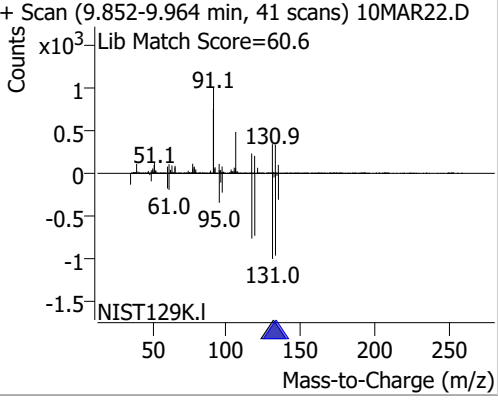
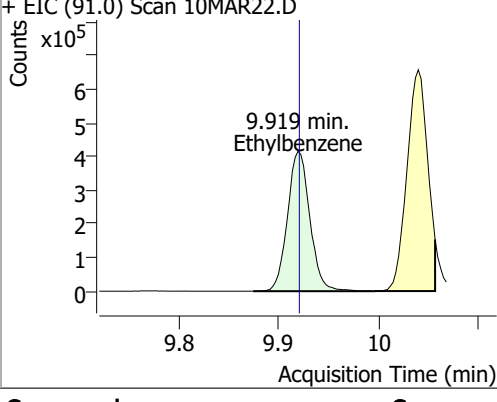
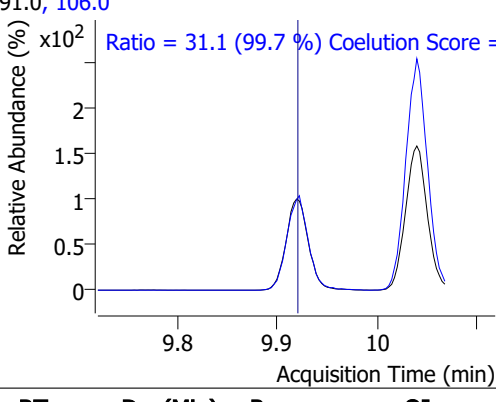
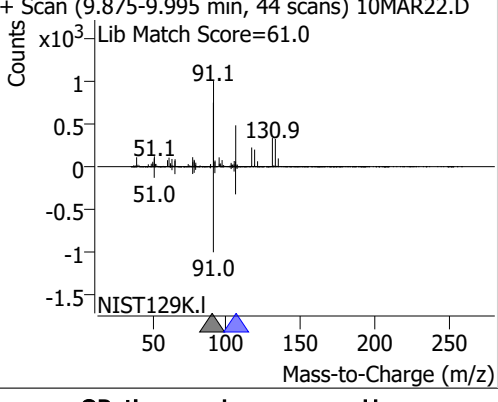
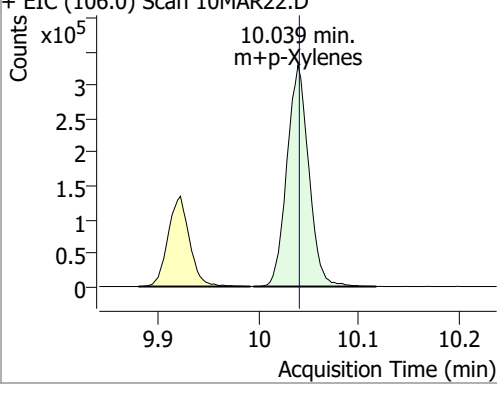
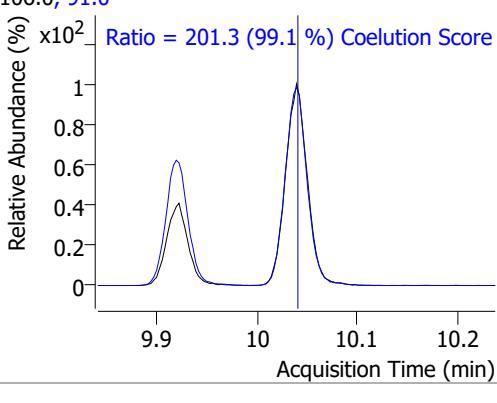
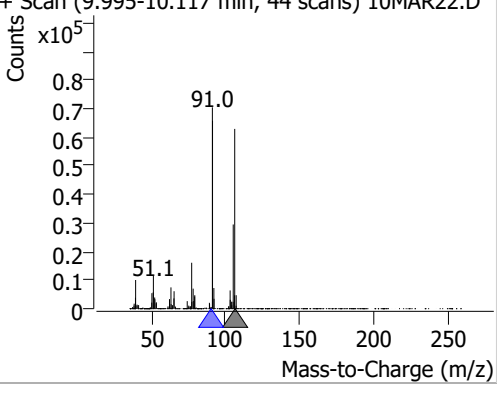
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	127.9757	8.82	0.00	65776	97.0	117.7	83.0	143.0
					85.0	64.3	34.9	94.9



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	122.9639	8.94	0.00	135846	165.8 129.0	124.7 90.9	97.2 58.6	157.2 118.6
+ EIC (163.8) Scan 10MAR22.D			163.8, 129.0, 165.8			+ Scan (8.896-9.002 min, 39 scans) 10MAR22.D		
			Ratio = 90.9 (102.5 %) Coelution Score Ratio = 124.7 (98.0 %) Coelution Score			Lib Match Score=83.3 NIST129K.I		
1,3-Dichloropropane	121.7793	8.98	0.00	128033	78.0	32.4	1.3	61.3
+ EIC (76.0) Scan 10MAR22.D			76.0, 78.0			+ Scan (8.941-9.044 min, 37 scans) 10MAR22.D		
			Ratio = 32.4 (103.5 %) Coelution Score			Lib Match Score=52.6 NIST129K.I		
Chlorodibromomethane	125.8236	9.21	0.00	104549	127.0	78.3	46.1	106.1
+ EIC (129.0) Scan 10MAR22.D			129.0, 127.0			+ Scan (9.164-9.270 min, 39 scans) 10MAR22.D		
			Ratio = 78.3 (102.8 %) Coelution Score			Lib Match Score=88.3 NIST129K.I		
1,2-Dibromoethane	127.1775	9.30	-0.01	73166	109.0	93.1	65.4	125.4
+ EIC (107.0) Scan 10MAR22.D			107.0, 109.0			+ Scan (9.270-9.362 min, 34 scans) 10MAR22.D		
			Ratio = 93.1 (97.6 %) Coelution Score			Lib Match Score=84.3 NIST129K.I		

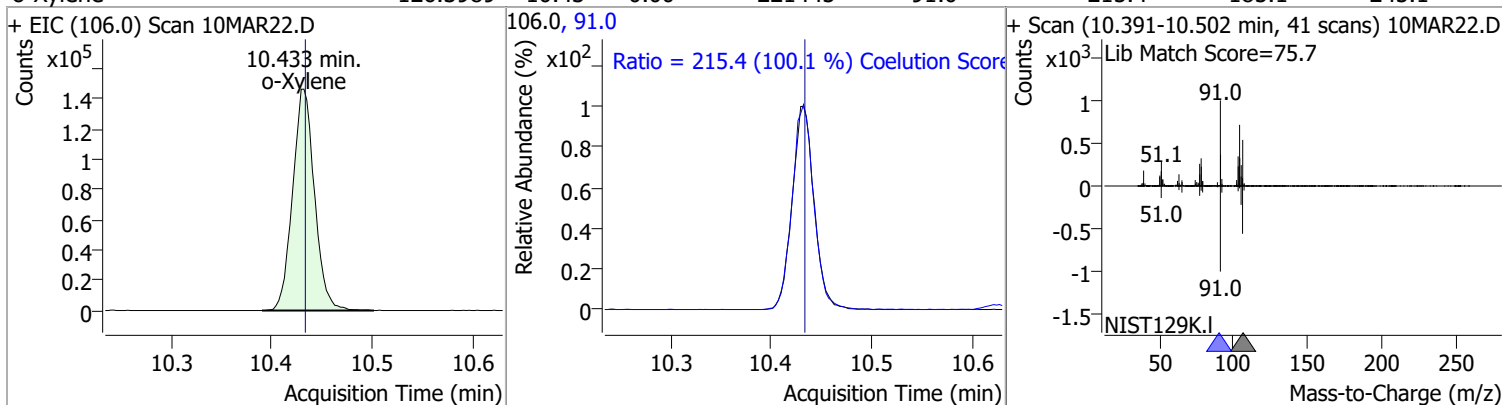
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	129.0161	9.80	0.00	375099	114.0	32.1	1.6	61.6
+ EIC (112.0) Scan 10MAR22.D			112.0, 114.0			+ Scan (9.758-9.880 min, 45 scans) 10MAR22.D		
								
Ratio = 32.1 (101.7 %) Coelution Score =								
1,1,1,2-Tetrachloroethane	126.8607	9.89	0.00	129110	133.0	96.3	67.9	127.9
+ EIC (131.0) Scan 10MAR22.D			131.0, 133.0			+ Scan (9.852-9.964 min, 41 scans) 10MAR22.D		
								
Ratio = 96.3 (98.4 %) Coelution Score =								
Ethylbenzene	125.7102	9.92	0.00	642180	106.0	31.1	1.2	61.2
+ EIC (91.0) Scan 10MAR22.D			91.0, 106.0			+ Scan (9.875-9.995 min, 44 scans) 10MAR22.D		
								
Ratio = 31.1 (99.7 %) Coelution Score =								
m+p-Xylenes	246.1353	10.04	0.00	498925	91.0	201.3	173.1	233.1
+ EIC (106.0) Scan 10MAR22.D			106.0, 91.0			+ Scan (9.995-10.117 min, 44 scans) 10MAR22.D		
								
Ratio = 201.3 (99.1 %) Coelution Score =								

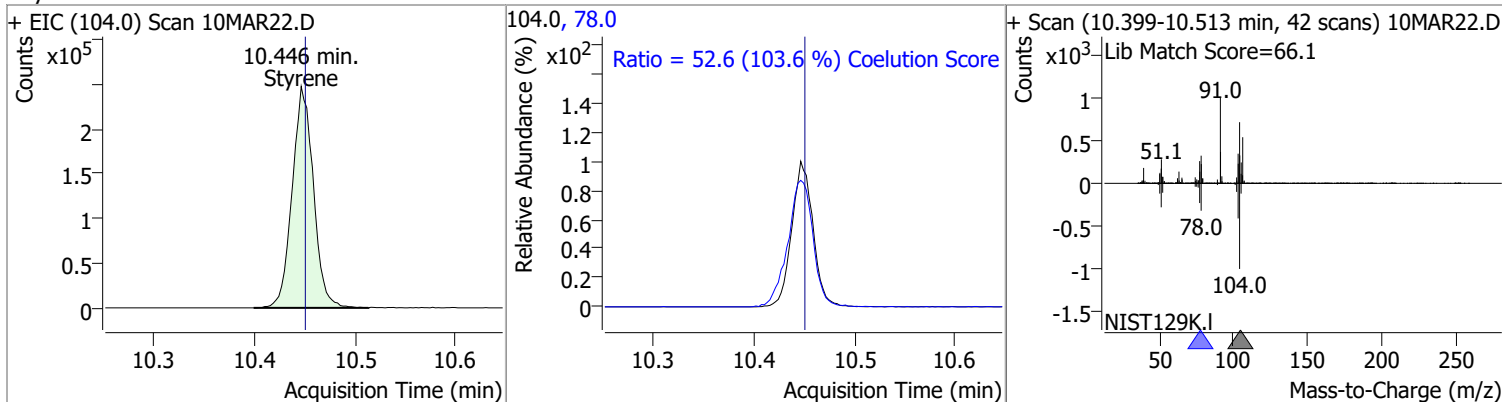


# Quantitation Results Report (QT Reviewed)

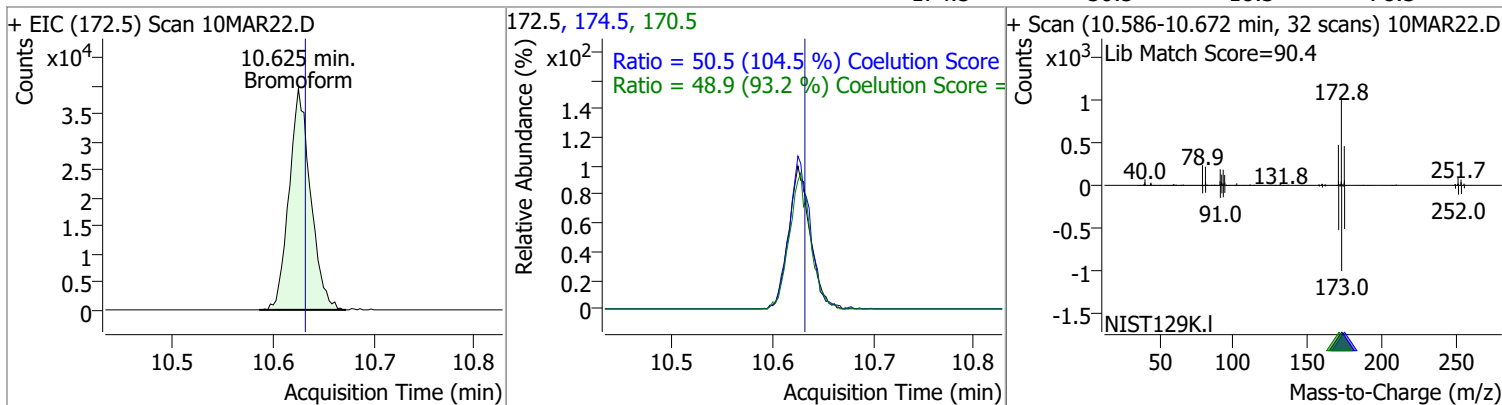
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	126.3989	10.43	0.00	221445	91.0	215.4	185.1	245.1



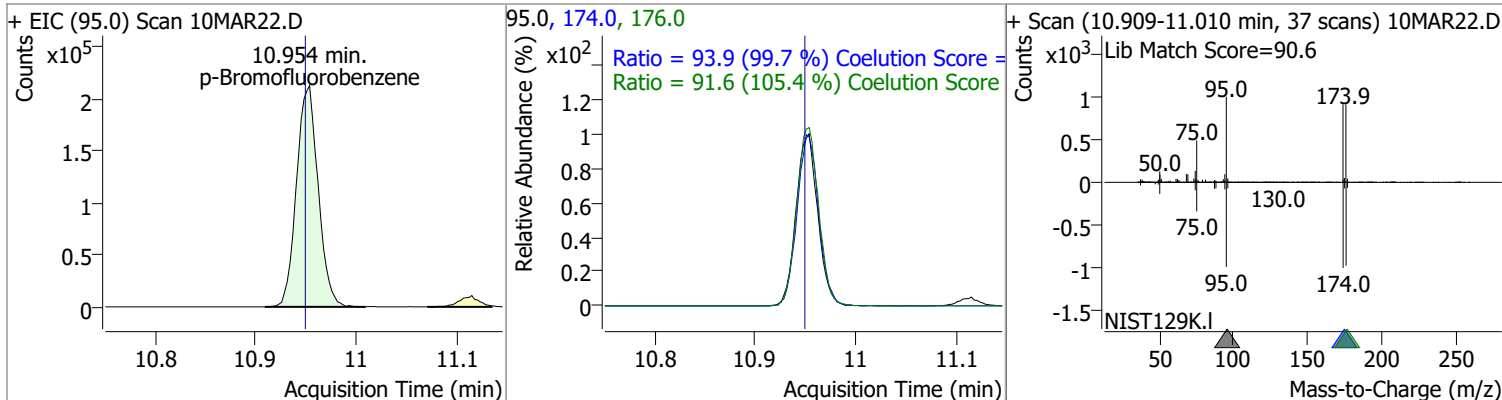
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	124.4417	10.45	0.00	363389	78.0	52.6	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	133.0090	10.62	-0.01	58707	170.5	48.9	22.5	82.5
					174.5	50.5	18.3	78.3

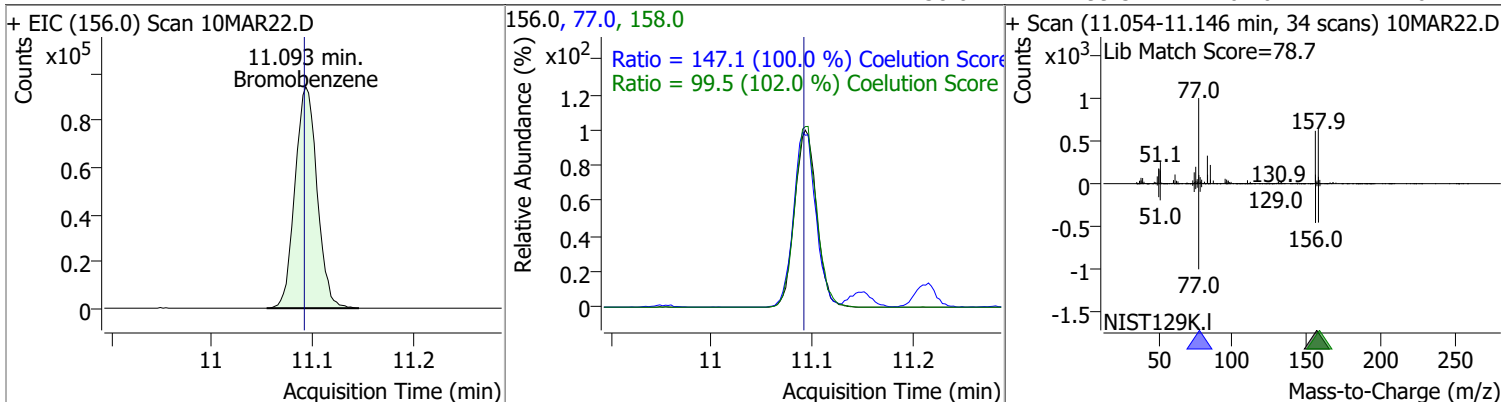


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	263.3361	10.95	0.01	318201	174.0	93.9	64.2	124.2
					176.0	91.6	56.9	116.9

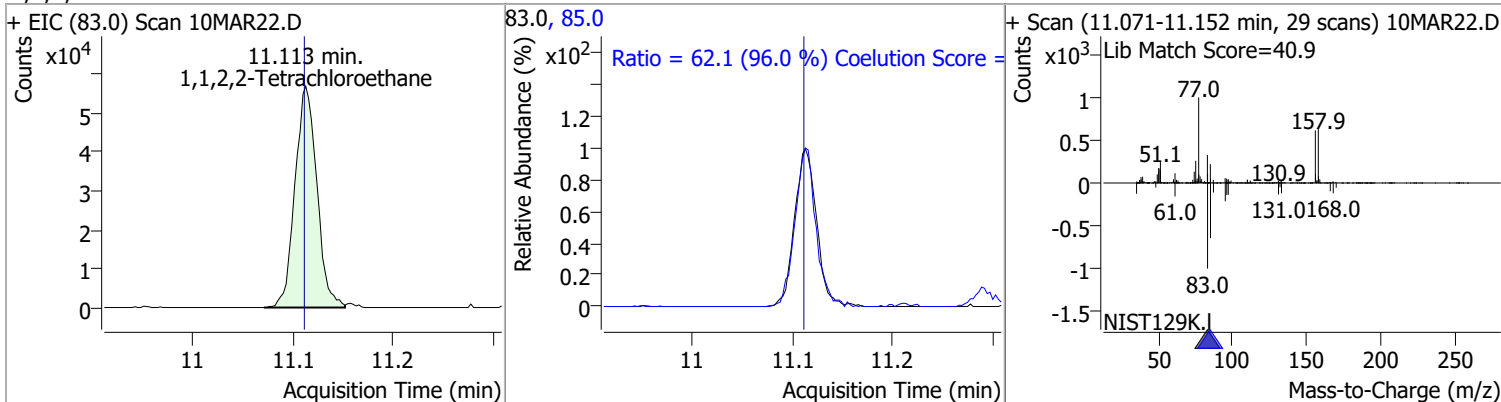


# Quantitation Results Report (QT Reviewed)

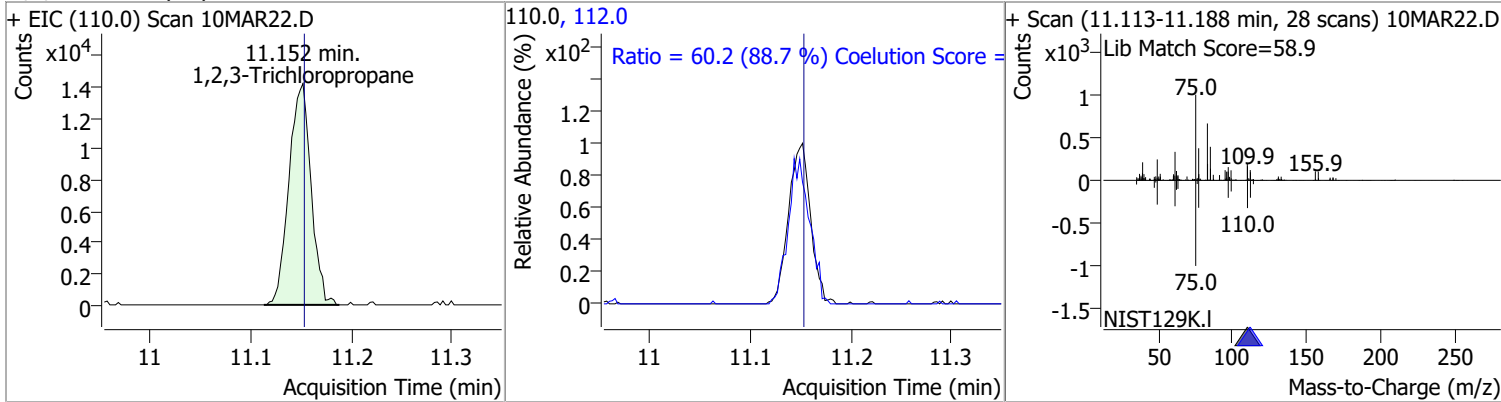
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	132.5290	11.09	0.00	144335	77.0	147.1	117.1	177.1
					158.0	99.5	67.6	127.6



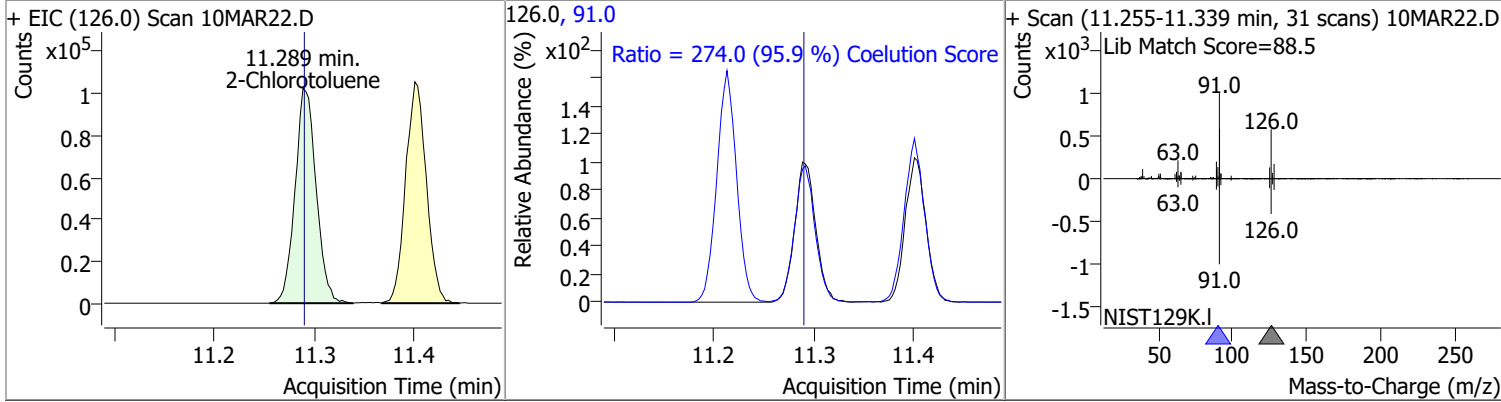
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	139.0389	11.11	0.00	86242	85.0	62.1	34.7	94.7



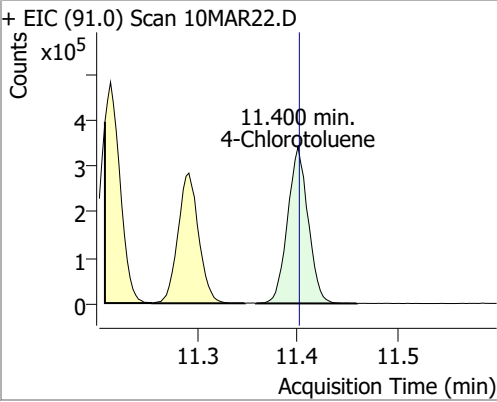
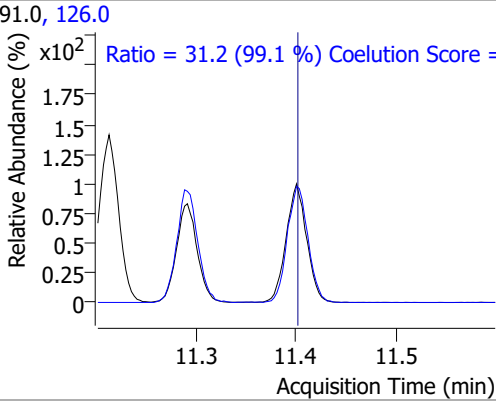
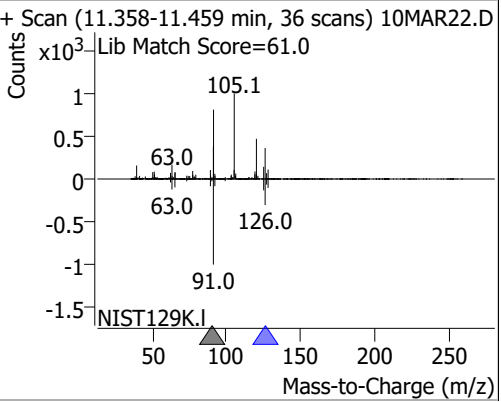
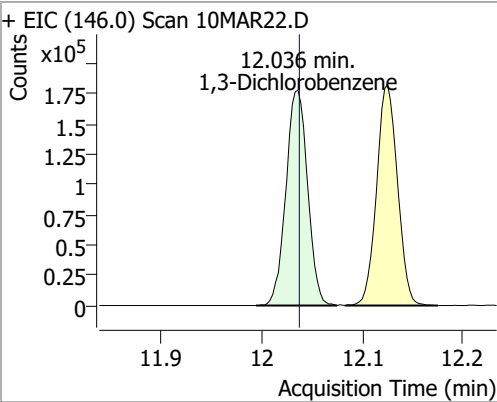
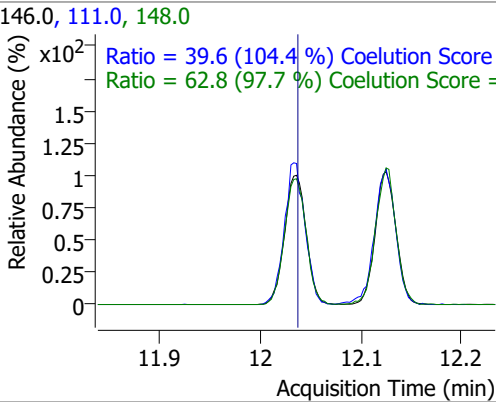
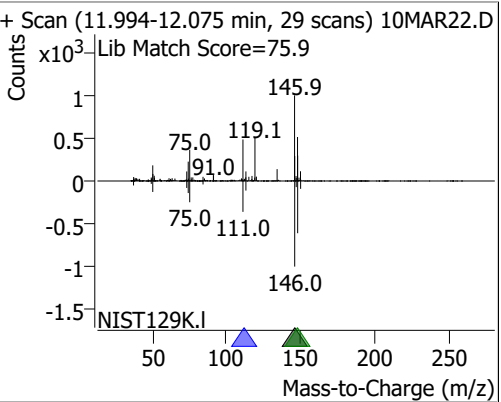
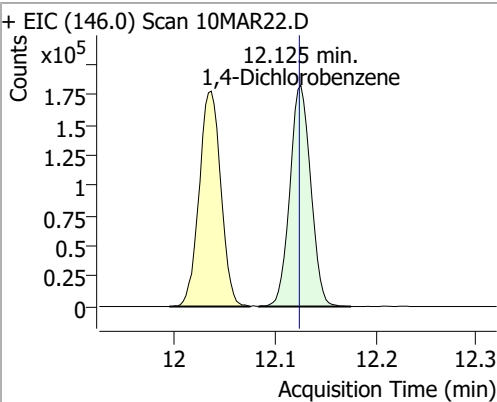
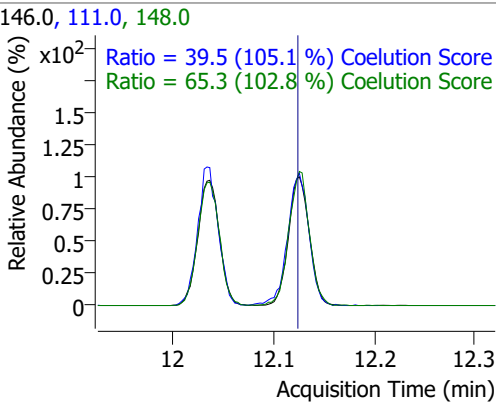
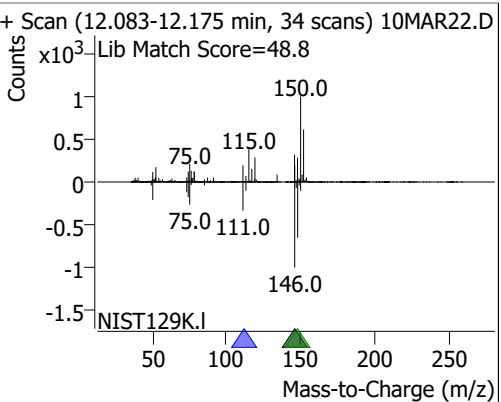
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	131.8223	11.15	0.00	21717	112.0	60.2	37.9	97.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	138.1138	11.29	0.00	149716	91.0	274.0	255.6	315.6

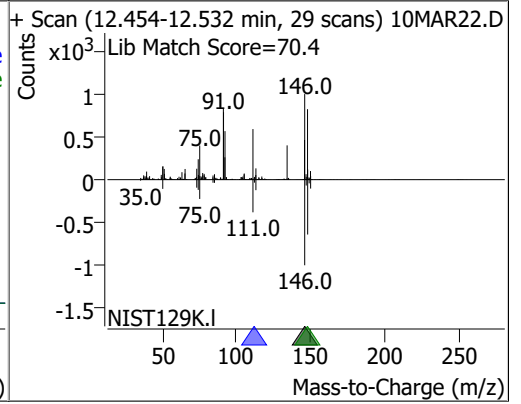
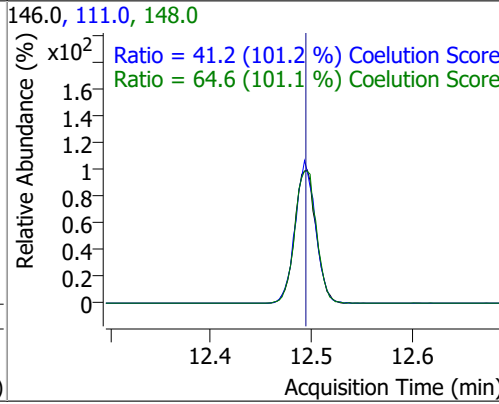
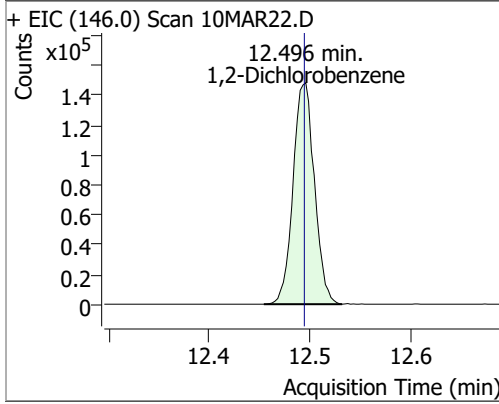


# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	136.8716	11.40	0.00	485365	126.0	31.2	1.5	61.5
+ EIC (91.0) Scan 10MAR22.D			91.0, 126.0			+ Scan (11.358-11.459 min, 36 scans) 10MAR22.D		
								
1,3-Dichlorobenzene	137.5035	12.04	0.00	267385	148.0	62.8	34.3	94.3
+ EIC (146.0) Scan 10MAR22.D			146.0, 111.0, 148.0			+ Scan (11.994-12.075 min, 29 scans) 10MAR22.D		
								
1,4-Dichlorobenzene	130.3692	12.13	0.00	264756	148.0	65.3	33.5	93.5
+ EIC (146.0) Scan 10MAR22.D			146.0, 111.0, 148.0			+ Scan (12.083-12.175 min, 34 scans) 10MAR22.D		
								

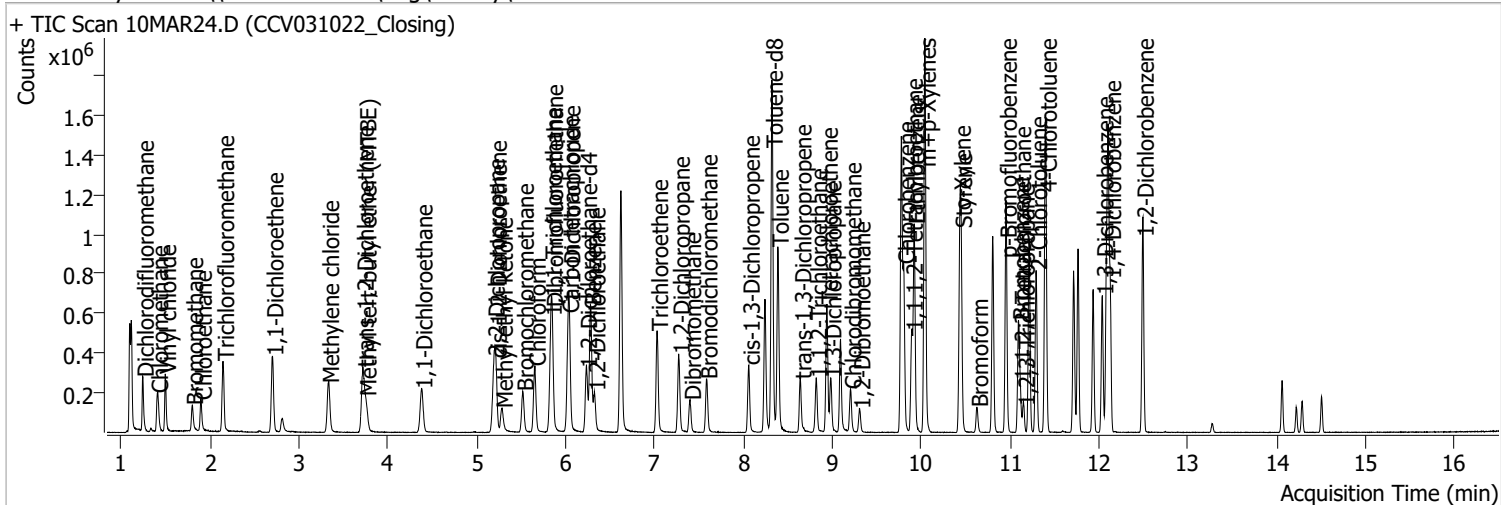
# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	133.2771	12.50	0.00	219598	148.0	64.6	33.9	93.9
					111.0	41.2	10.7	70.7



# Quantitation Results Report (QT Reviewed)

Data File	10MAR24.D	Operator	MSC
Acq. Method	5975CACQF.M	Acq. Date-Time	3/10/2022 10:34:56 PM
Sample Name	CCV031022_Closing	Instrument	VOA5975C
Vial	24	Multiplier	1.00
DA Method File	VOA5975C_8260B_SHT_DoD_030822.m	Comment	
Tune File	BFB_Atune3.u	Tune Date	10/11/2021 4:02:00 PM
Batch Name	VG031022_8260B.batch.bin	Last Calib Update	3/30/2022 11:00:16 AM
Ref Library	\\MASSHUNTER\Org\Library\NIST129K.I		



Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
<b>Internal Standards</b>						
M Fluorobenzene	6.620	96.0	1020428	250.0000	ng	0.000
M Chlorobenzene-d5	9.774	82.0	392714	250.0000	ng	0.000
M 1,4-Dichlorobenzene-d4	12.103	152.0	338445	250.0000	ng	0.003
<b>System Monitoring Compounds</b>						
S Dibromofluoromethane	5.848	113.0	263592	254.2267	ng	0.006
Spiked Amount: 250.000	Range: 80.0 - 119.0%			Recovery = 101.69%		
S 1,2-Dichloroethane-d4	6.230	67.0	119646	258.5215	ng	-0.006
Spiked Amount: 250.000	Range: 81.0 - 118.0%			Recovery = 103.41%		
S Toluene-d8	8.319	98.0	1067532	254.8682	ng	-0.003
Spiked Amount: 250.000	Range: 89.0 - 112.0%			Recovery = 101.95%		
S p-Bromofluorobenzene	10.951	95.0	320348	256.6984	ng	0.003
Spiked Amount: 250.000	Range: 85.0 - 114.0%			Recovery = 102.68%		
<b>Target Compounds</b>						
T Dichlorodifluoromethane	1.244	85.0	186051	126.2590	ng	98
T Chloromethane	1.406	50.0	213160	124.7943	ng	100
T Vinyl chloride	1.495	62.0	192985	125.0717	ng	99
T Bromomethane	1.799	96.0	66938	97.6240	ng	98
T Chloroethane	1.894	64.0	101999	124.9859	ng	97
T Trichlorofluoromethane	2.145	101.0	243032	124.8468	ng	98
T 1,1-Dichloroethene	2.700	96.0	134416	129.8301	ng	95
T Methylene chloride	3.327	49.0	188930	120.1758	ng	99
T trans-1,2-Dichloroethene	3.717	96.0	133853	124.1875	ng	98
T Methyl tert-butyl ether (MTBE)	3.748	73.0	165062	122.9138	ng	99
T 1,1-Dichloroethane	4.378	63.0	260052	125.9669	ng	98
T 2,2-Dichloropropane	5.193	77.0	186024	116.9172	ng	100
T cis-1,2-Dichloroethene	5.215	96.0	135224	124.0610	ng	100
T Methyl ethyl ketone	5.282	43.0	177754	1240.7436	ng	99
T Bromochloromethane	5.516	128.0	55792	128.3845	ng	99
T Chloroform	5.653	83.0	253212	125.1666	ng	99

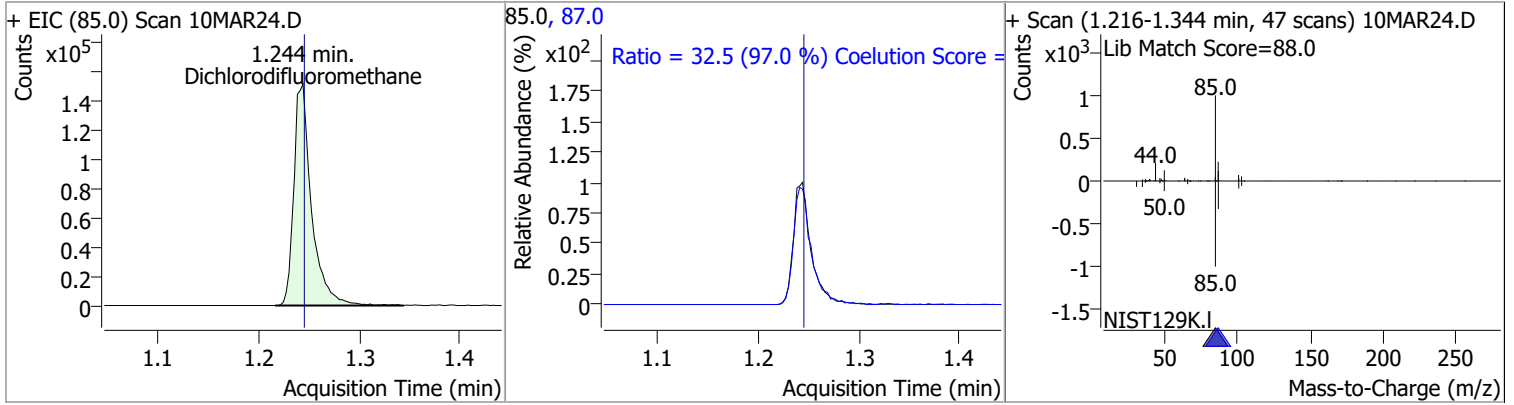
# Quantitation Results Report (QT Reviewed)

Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T 1,1,1-Trichloroethane	5.831	97.0	245273	125.0427	ng	99
T Carbon tetrachloride	6.026	117.0	244589	126.3171	ng	99
T 1,1-Dichloropropene	6.040	75.0	199546	125.3725	ng	99
T Benzene	6.277	78.0	533216	128.5052	ng	98
T 1,2-Dichloroethane	6.322	62.0	144353	128.7398	ng	98
T Trichloroethene	7.027	95.0	157142	127.8978	ng	99
T 1,2-Dichloropropane	7.270	63.0	134341	125.4963	ng	100
T Dibromomethane	7.398	93.0	56887	125.5141	ng	98
T Bromodichloromethane	7.582	83.0	156775	123.8573	ng	97
T cis-1,3-Dichloropropene	8.059	75.0	166158	120.4921	ng	99
T Toluene	8.386	92.0	339251	130.9298	ng	99
T trans-1,3-Dichloropropene	8.639	75.0	127492	125.6554	ng	99
T 1,1,2-Trichloroethane	8.818	83.0	63221	123.8384	ng	98
T Tetrachloroethene	8.938	163.8	137207	125.0377	ng	99
T 1,3-Dichloropropane	8.980	76.0	131819	126.2302	ng	97
T Chlorodibromomethane	9.203	129.0	104091	126.1215	ng	99
T 1,2-Dibromoethane	9.306	107.0	70953	124.1668	ng	100
T Chlorobenzene	9.802	112.0	364218	126.1227	ng	99
T 1,1,1,2-Tetrachloroethane	9.891	131.0	129018	127.6296	ng	98
T Ethylbenzene	9.919	91.0	632697	124.7213	ng	100
T m+p-Xylenes	10.039	106.0	505956	251.1736	ng	99
T o-Xylene	10.432	106.0	220222	126.5479	ng	98
T Styrene	10.449	104.0	369302	127.2412	ng	99
T Bromoform	10.628	172.5	55167	121.0216	ng	99
T Bromobenzene	11.093	156.0	139070	123.6418	ng	100
T 1,1,2,2-Tetrachloroethane	11.113	83.0	80219	125.2238	ng	99
T 1,2,3-Trichloropropane	11.155	110.0	19921	117.0827	ng	98
T 2-Chlorotoluene	11.291	126.0	142099	126.9265	ng	99
T 4-Chlorotoluene	11.400	91.0	478820	130.7403	ng	100
T 1,3-Dichlorobenzene	12.036	146.0	255324	127.1337	ng	99
T 1,4-Dichlorobenzene	12.125	146.0	262468	125.1405	ng	98
T 1,2-Dichlorobenzene	12.493	146.0	211738	124.4280	ng	99

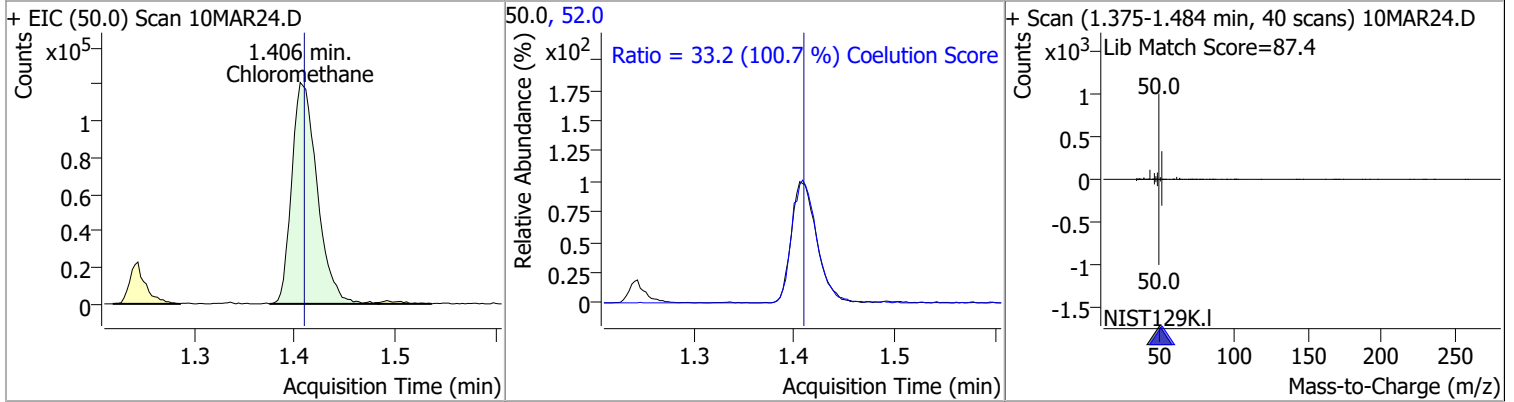
(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (\*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

# Quantitation Results Report (QT Reviewed)

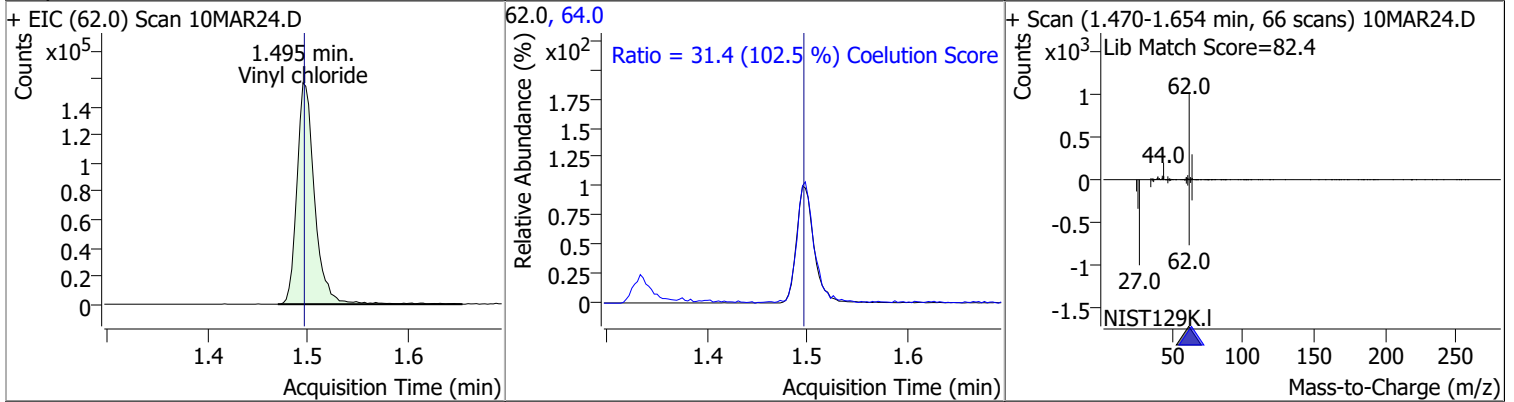
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dichlorodifluoromethane	126.2590	1.24	0.00	186051	87.0	32.5	3.5	63.5



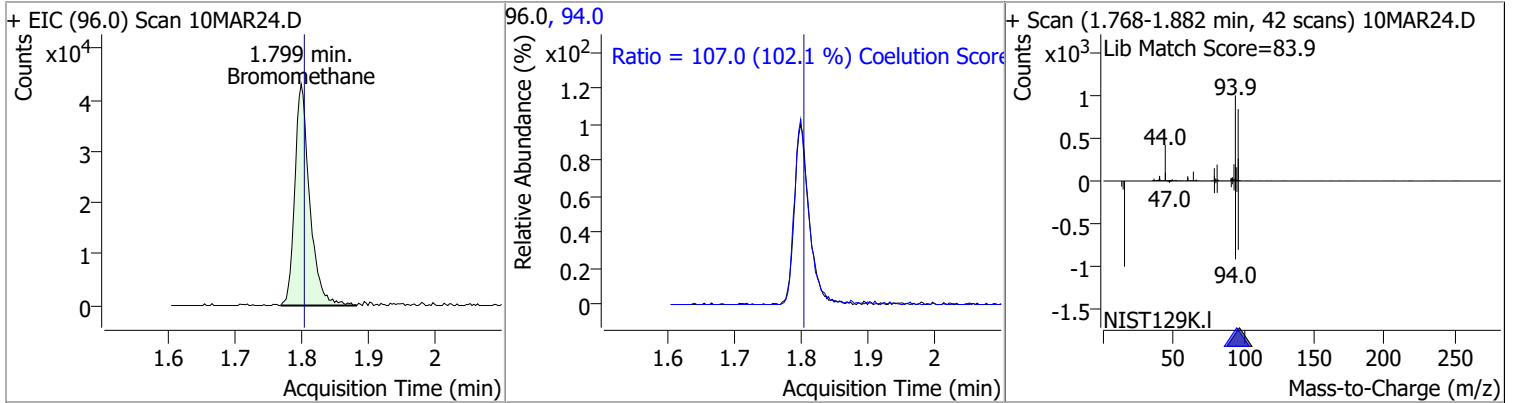
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloromethane	124.7943	1.41	0.00	213160	52.0	33.2	3.0	63.0



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Vinyl chloride	125.0717	1.49	0.00	192985	64.0	31.4	0.6	60.6

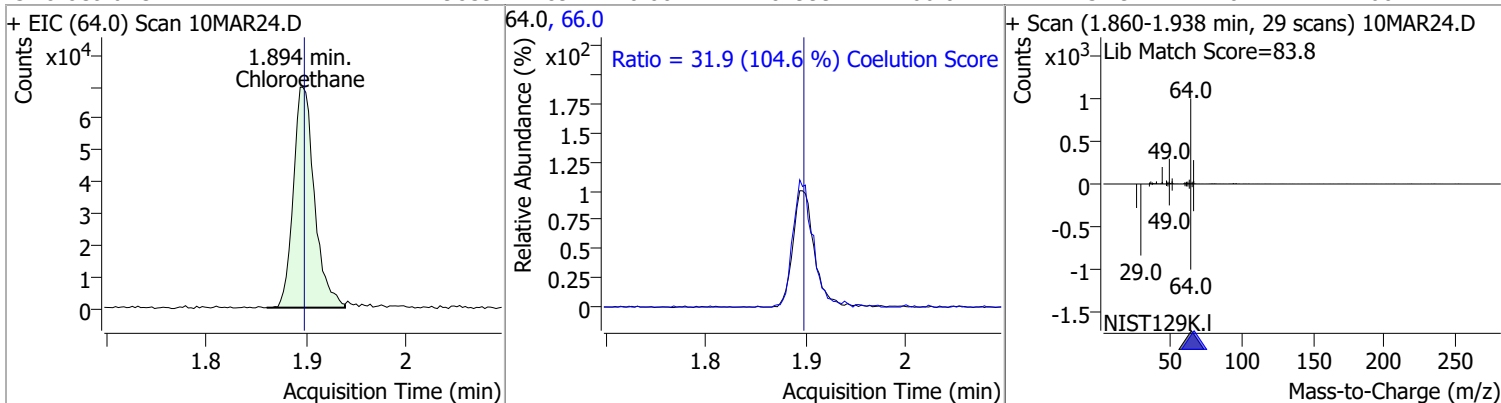


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromomethane	97.6240	1.80	0.00	66938	94.0	107.0	74.8	134.8

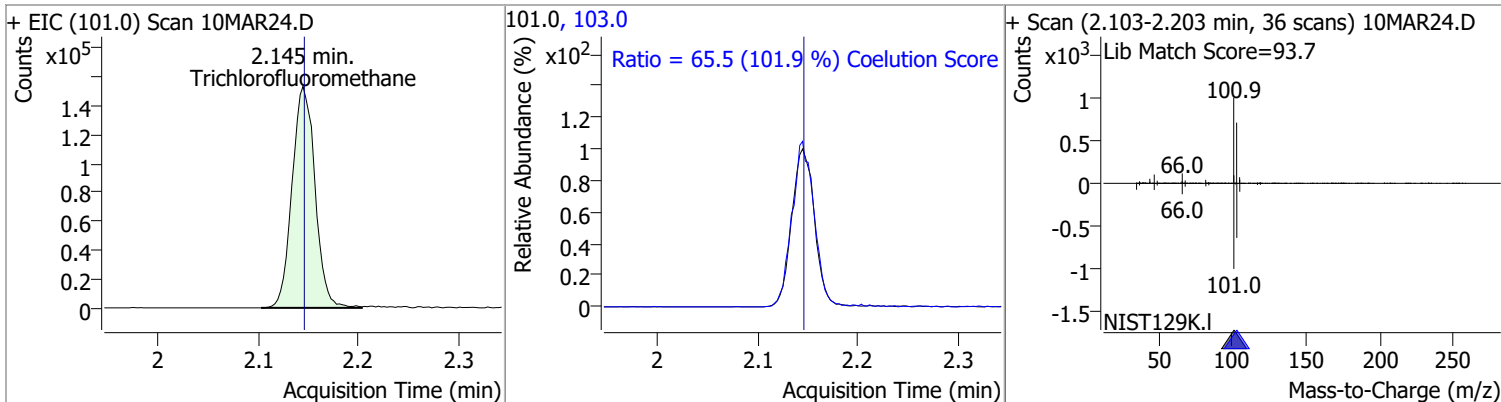


# Quantitation Results Report (QT Reviewed)

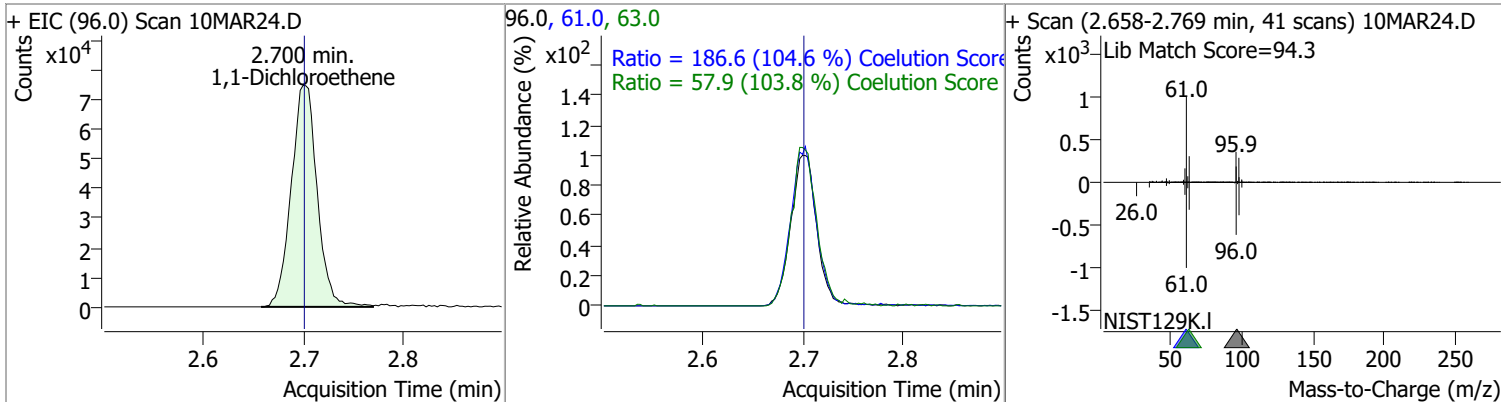
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroethane	124.9859	1.89	0.00	101999	66.0	31.9	0.4	60.4



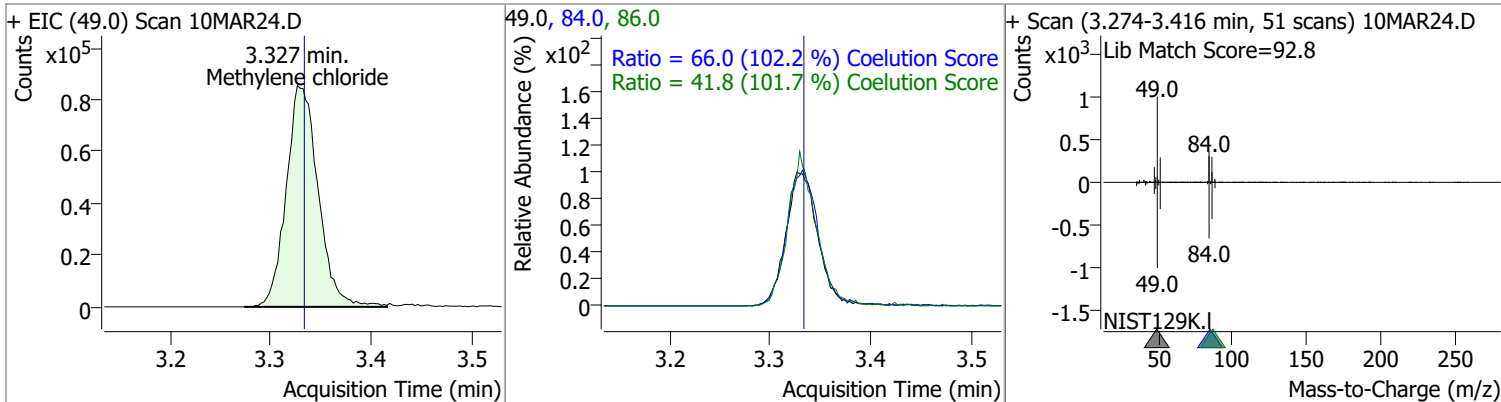
Trichlorofluoromethane	124.8468	2.14	0.00	243032	103.0	65.5	34.3	94.3
------------------------	----------	------	------	--------	-------	------	------	------



1,1-Dichloroethene	129.8301	2.70	0.00	134416	61.0	186.6	148.4	208.4
					63.0	57.9	25.7	85.7



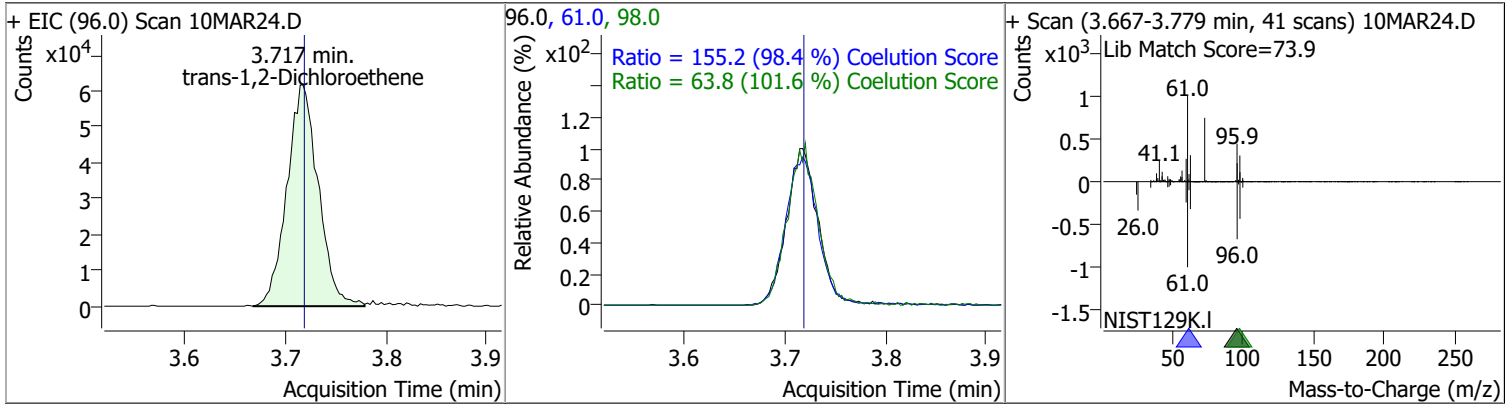
Methylene chloride	120.1758	3.33	-0.01	188930	84.0	66.0	34.7	94.7
					86.0	41.8	11.1	71.1



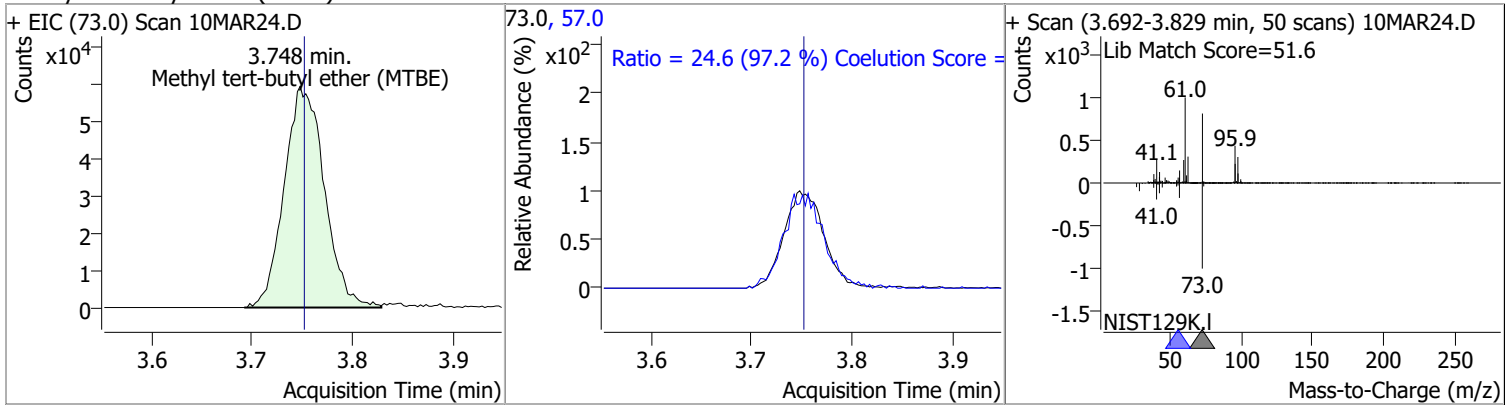


# Quantitation Results Report (QT Reviewed)

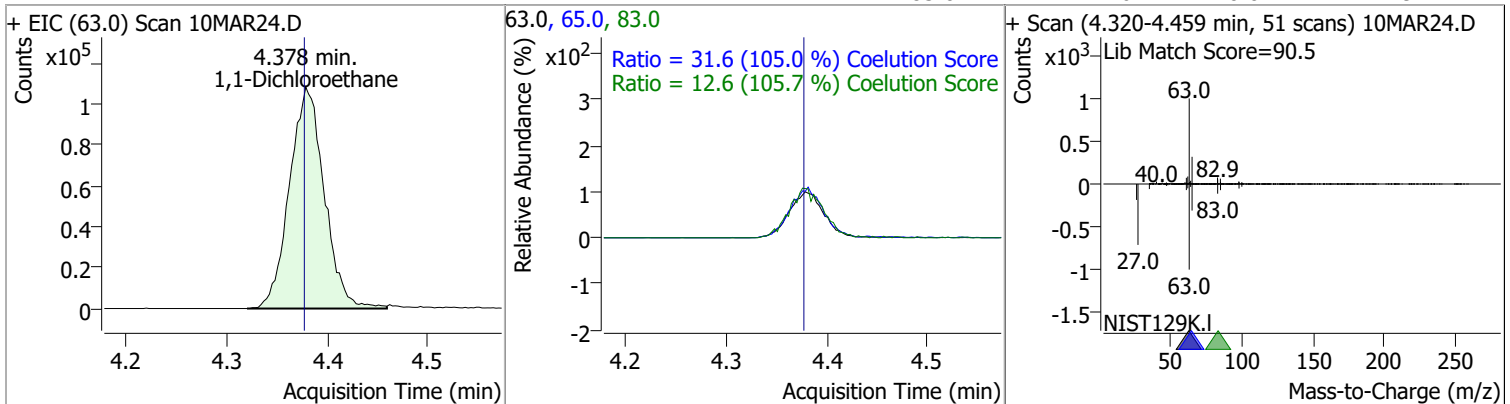
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,2-Dichloroethene	124.1875	3.72	0.00	133853	61.0	155.2	127.7	187.7
					98.0	63.8	32.9	92.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl tert-butyl ether (MTBE)	122.9138	3.75	0.00	165062	57.0	24.6	0.0	55.3

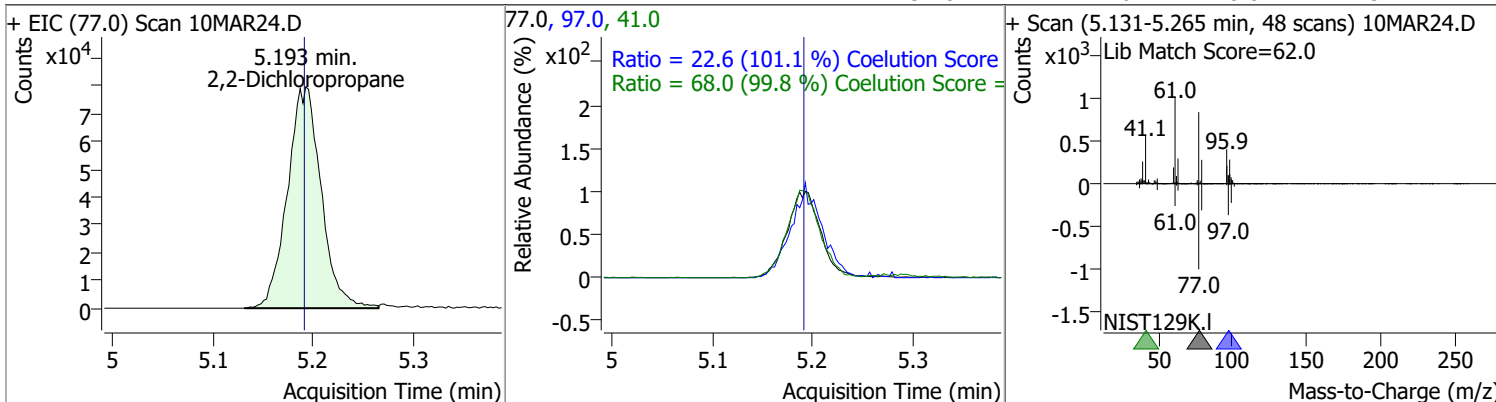


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloroethane	125.9669	4.38	0.00	260052	65.0	31.6	0.1	60.1
					83.0	12.6	0.0	41.9

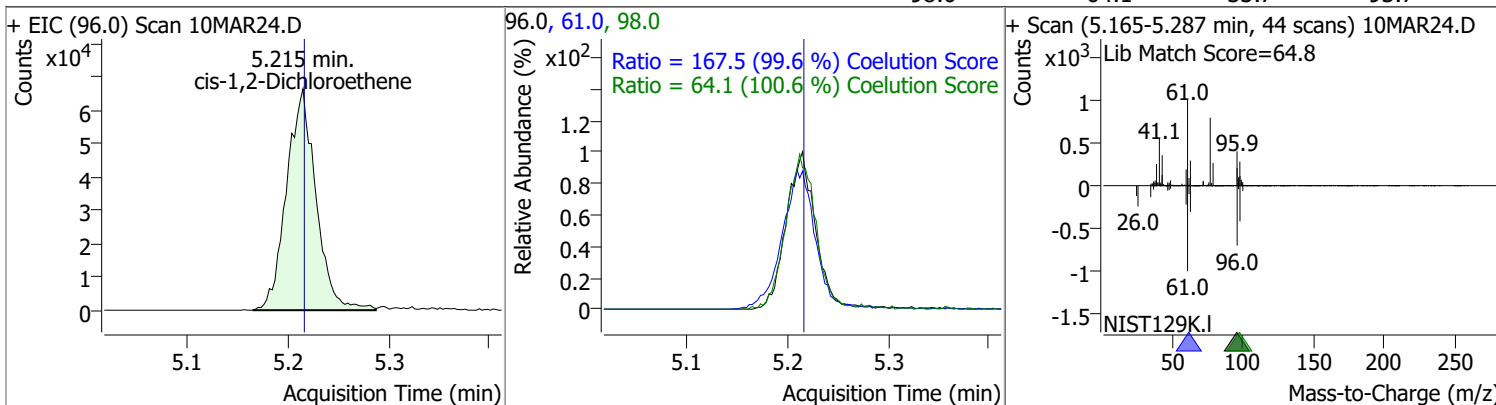


# Quantitation Results Report (QT Reviewed)

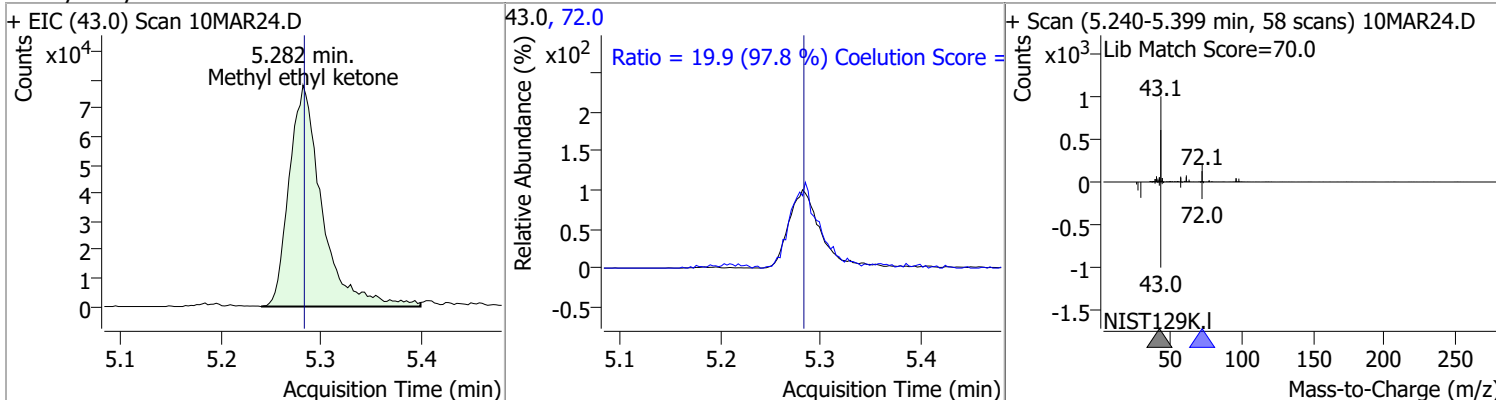
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2,2-Dichloropropane	116.9172	5.19	0.00	186024	41.0	68.0	38.2	98.2
					97.0	22.6	0.0	52.4



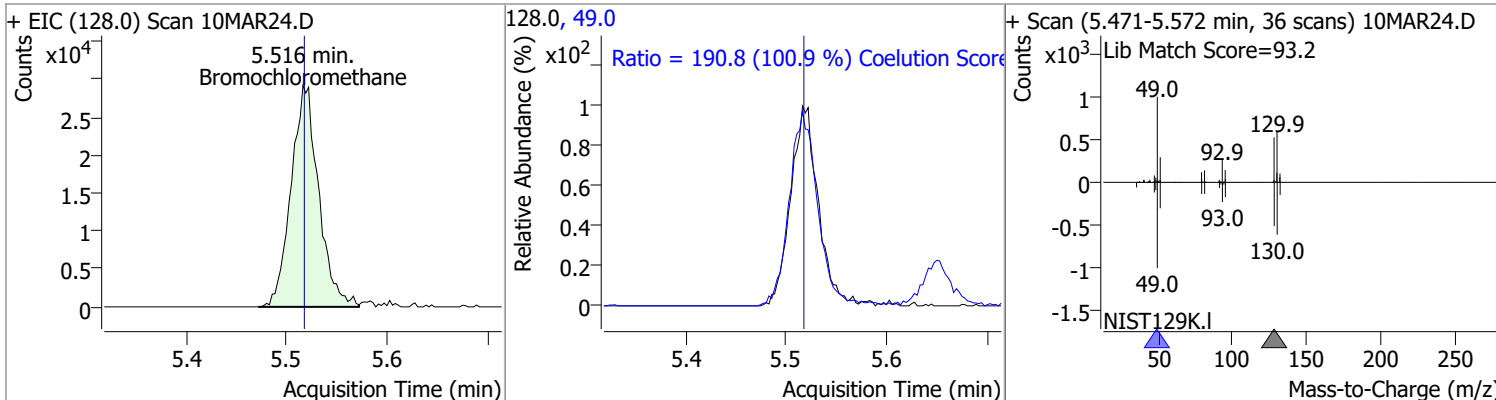
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,2-Dichloroethene	124.0610	5.21	0.00	135224	61.0	167.5	138.1	198.1
					98.0	64.1	33.7	93.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Methyl ethyl ketone	1240.7436	5.28	0.00	177754	72.0	19.9	0.0	50.3

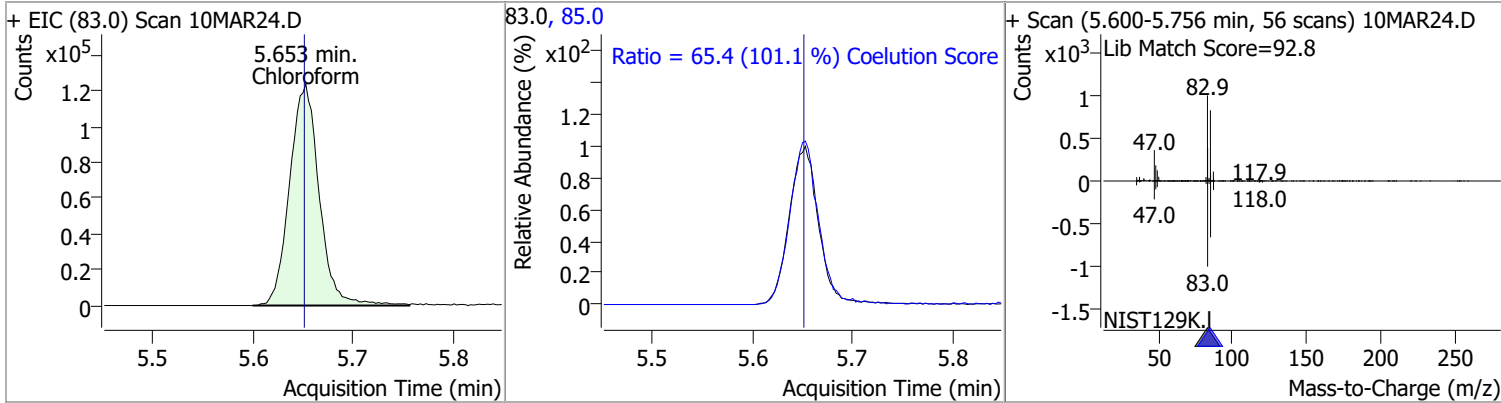


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromochloromethane	128.3845	5.52	0.00	55792	49.0	190.8	159.1	219.1

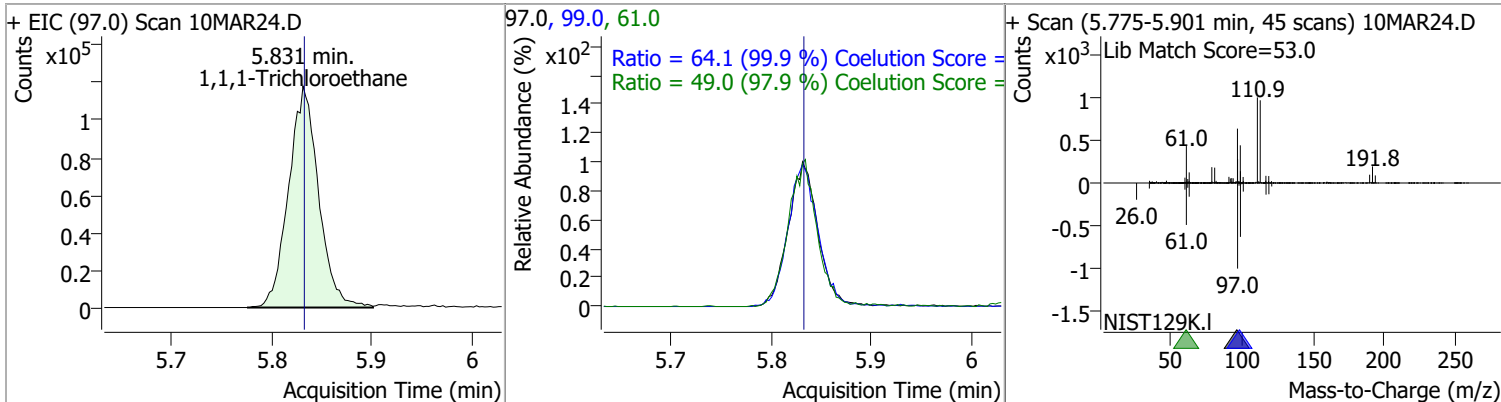


# Quantitation Results Report (QT Reviewed)

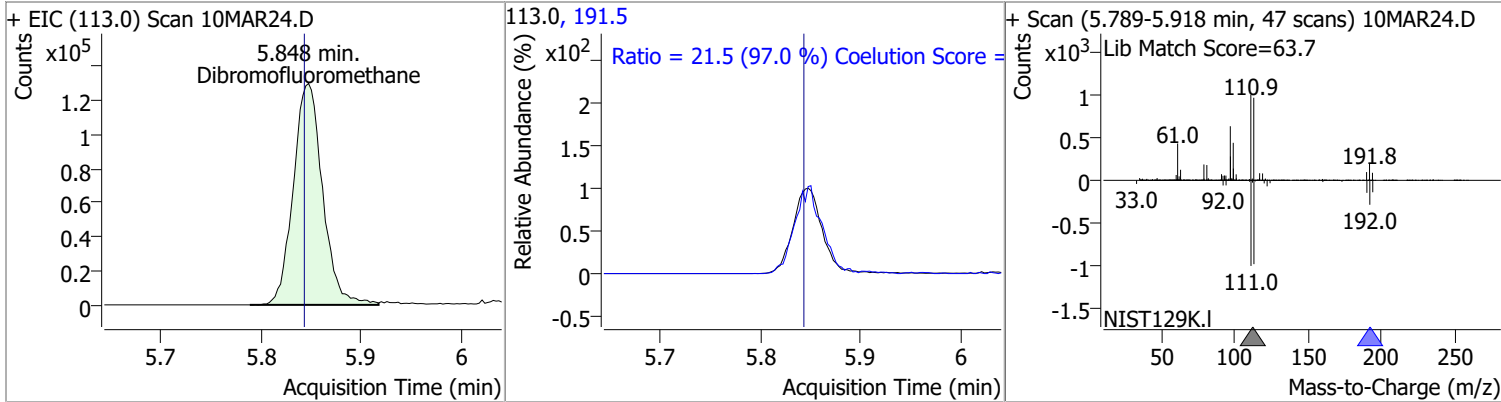
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chloroform	125.1666	5.65	0.00	253212	85.0	65.4	34.7	94.7



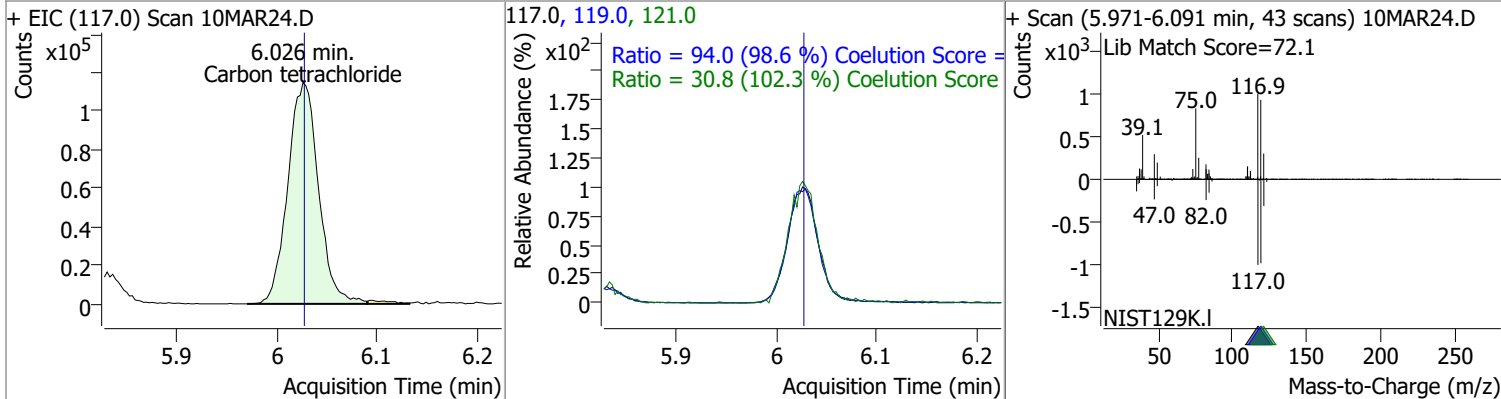
1,1,1-Trichloroethane	125.0427	5.83	0.00	245273	99.0	64.1	34.2	94.2
					61.0	49.0	20.0	80.0



Dibromofluoromethane	254.2267	5.85	0.01	263592	191.5	21.5	0.0	52.2
----------------------	----------	------	------	--------	-------	------	-----	------

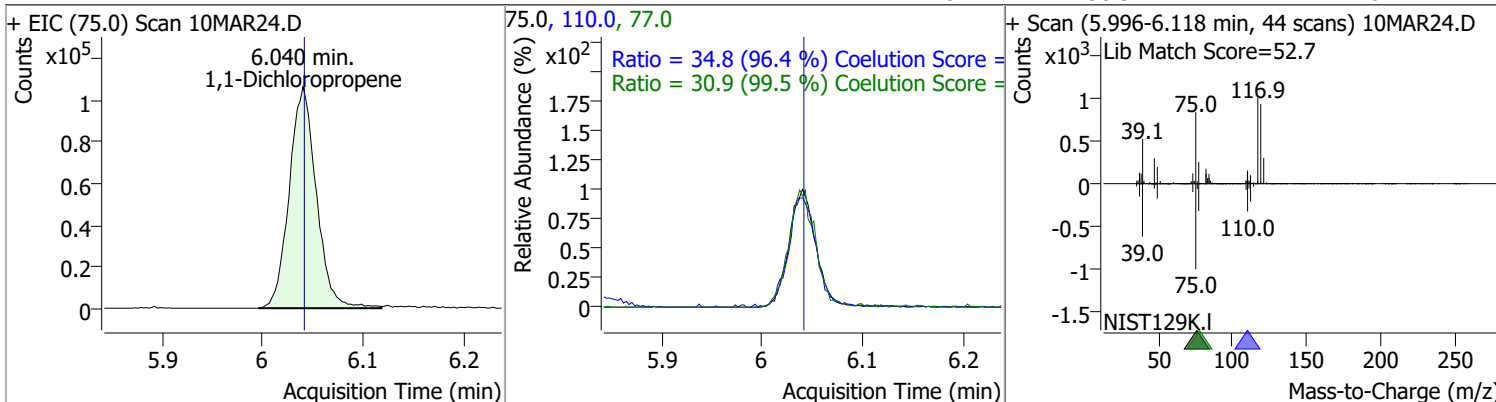


Carbon tetrachloride	126.3171	6.03	0.00	244589	119.0	94.0	65.3	125.3
					121.0	30.8	0.1	60.1

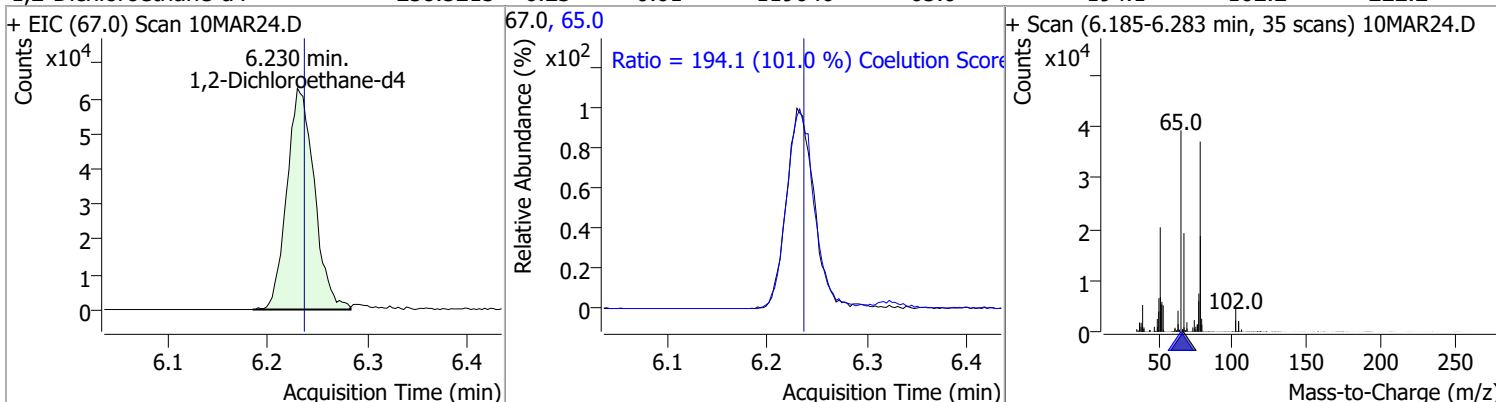


# Quantitation Results Report (QT Reviewed)

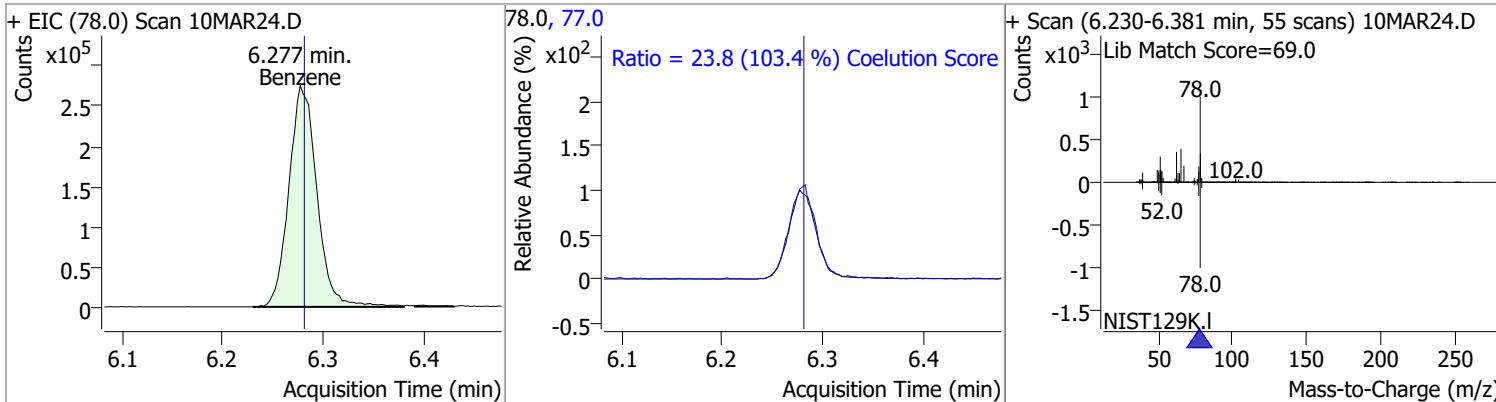
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1-Dichloropropene	125.3725	6.04	0.00	199546	110.0	34.8	6.1	66.1
					77.0	30.9	1.1	61.1



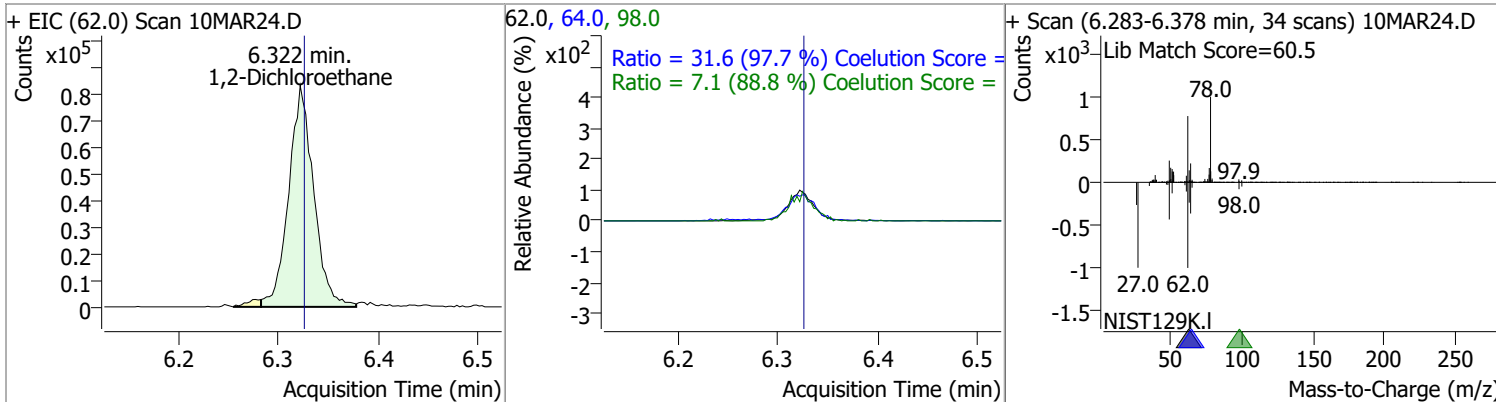
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane-d4	258.5215	6.23	-0.01	119646	65.0	194.1	162.2	222.2



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Benzene	128.5052	6.28	0.00	533216	77.0	23.8	0.0	53.0

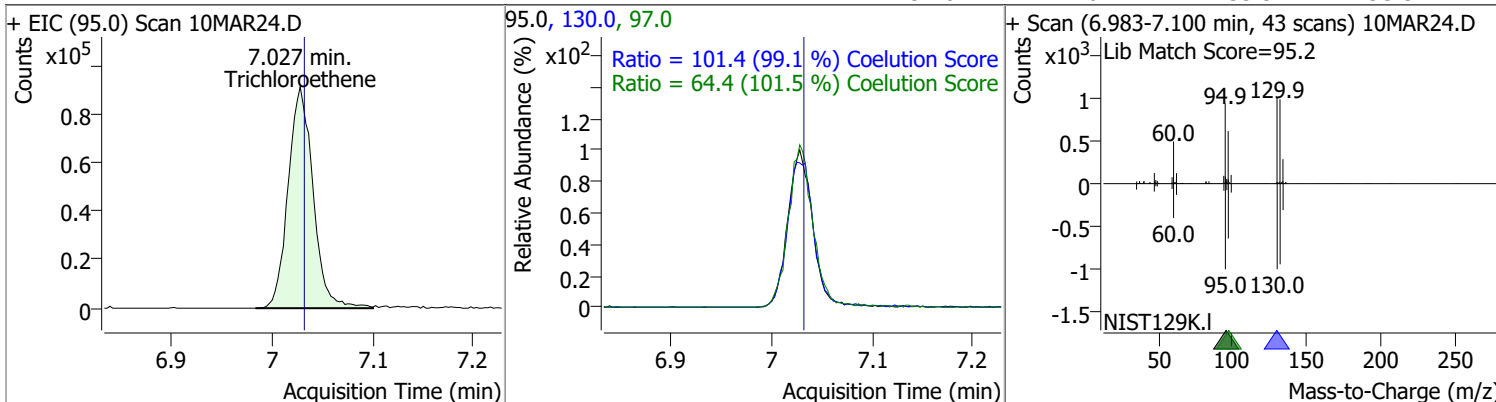


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloroethane	128.7398	6.32	0.00	144353	64.0	31.6	2.3	62.3
					98.0	7.1	0.0	38.0

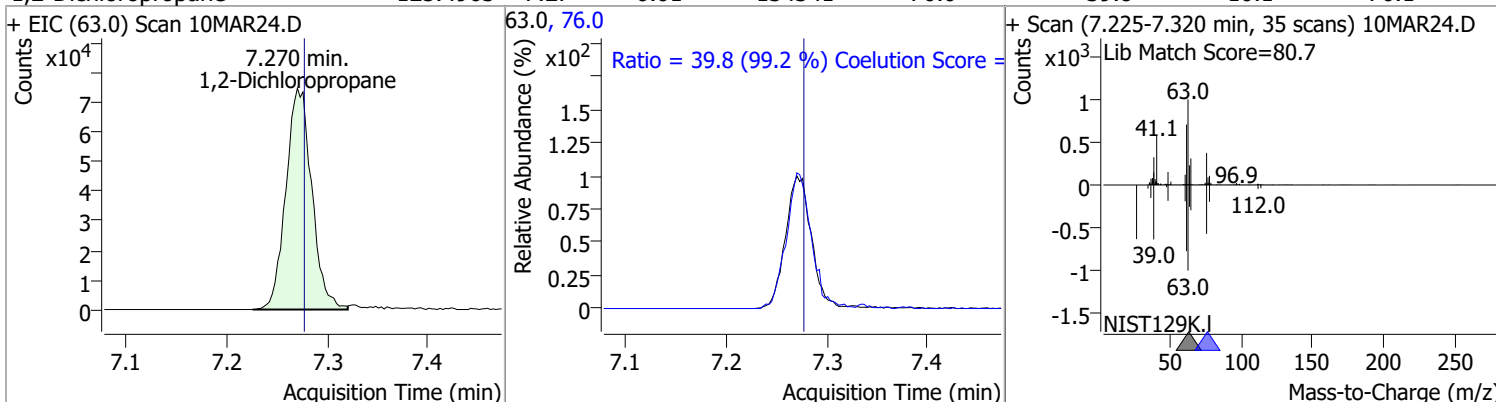


# Quantitation Results Report (QT Reviewed)

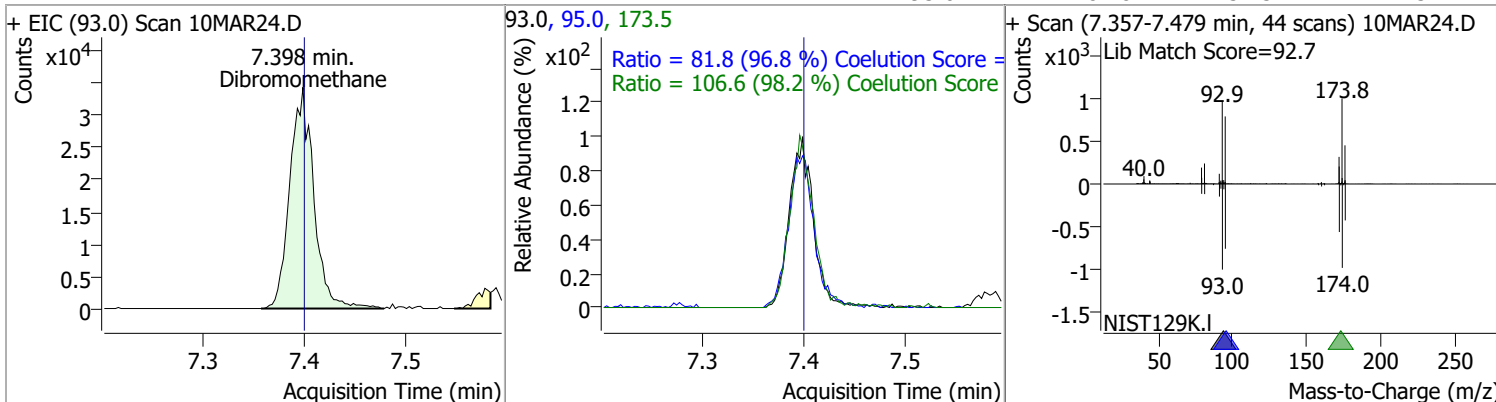
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Trichloroethene	127.8978	7.03	0.00	157142	130.0	101.4	72.3	132.3
					97.0	64.4	33.5	93.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichloropropane	125.4963	7.27	-0.01	134341	76.0	39.8	10.1	70.1

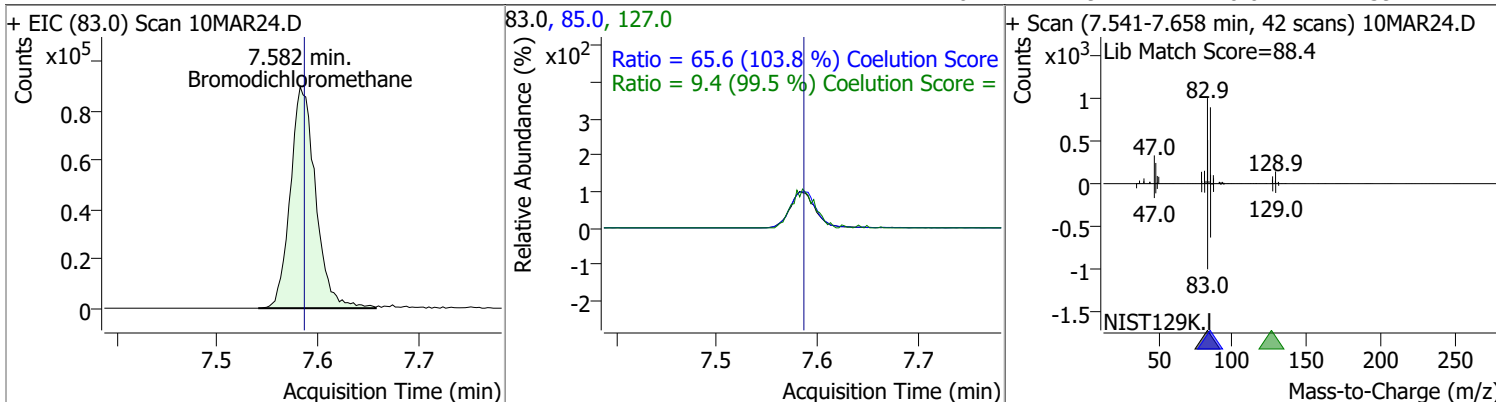


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Dibromomethane	125.5141	7.40	0.00	56887	173.5	106.6	78.6	138.6
					95.0	81.8	54.5	114.5

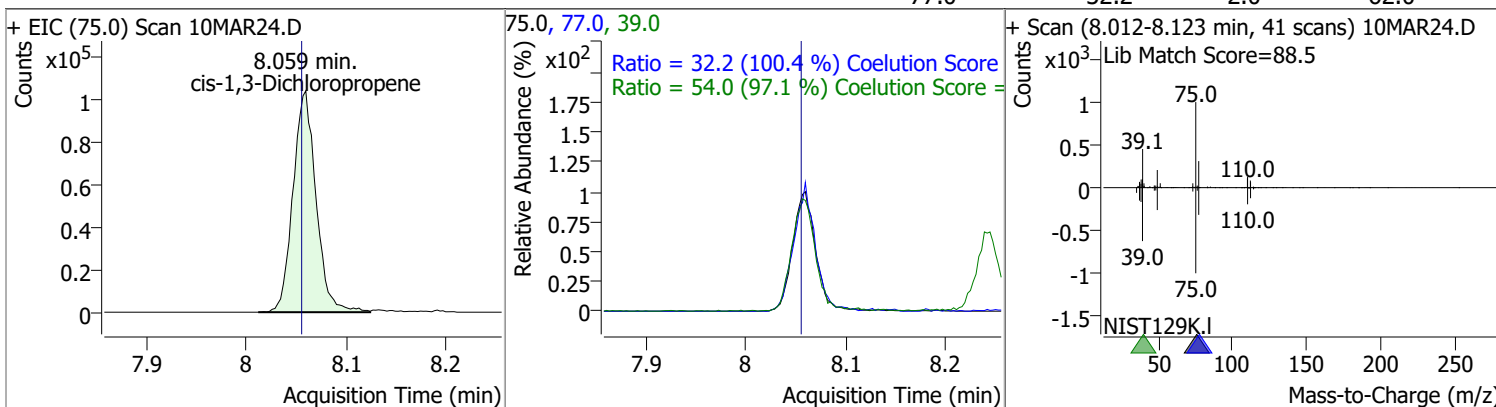


# Quantitation Results Report (QT Reviewed)

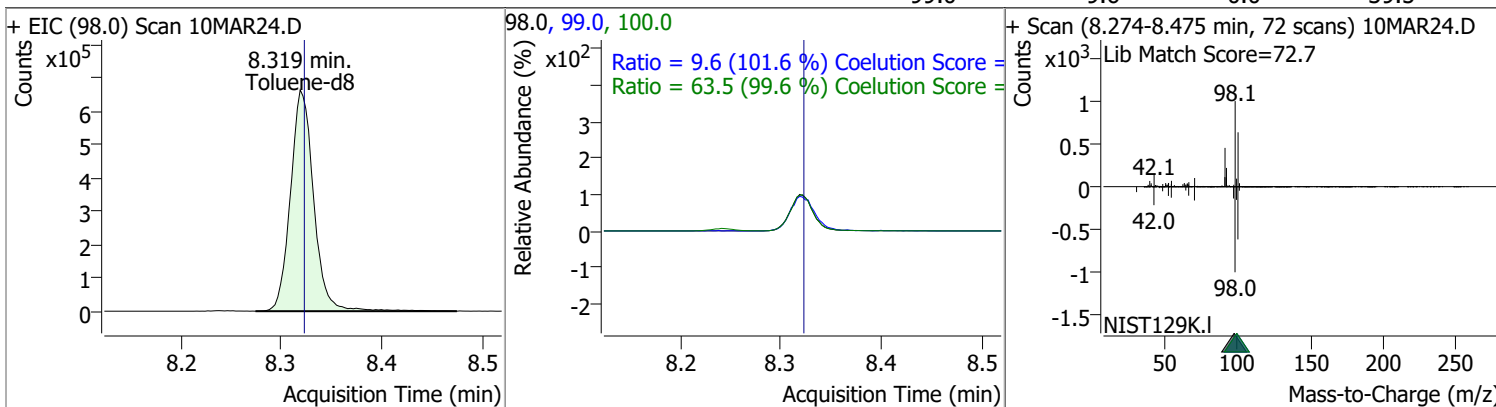
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromodichloromethane	123.8573	7.58	0.00	156775	85.0	65.6	33.2	93.2
					127.0	9.4	0.0	39.4



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
cis-1,3-Dichloropropene	120.4921	8.06	0.00	166158	39.0	54.0	25.6	85.6
					77.0	32.2	2.0	62.0

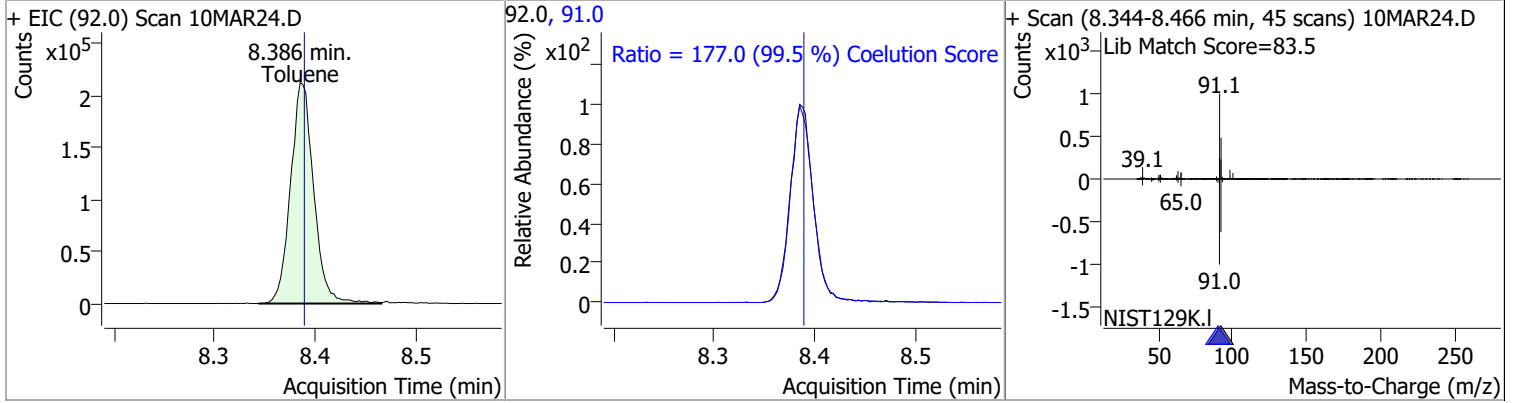


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene-d8	254.8682	8.32	0.00	1067532	100.0	63.5	33.7	93.7
					99.0	9.6	0.0	39.5

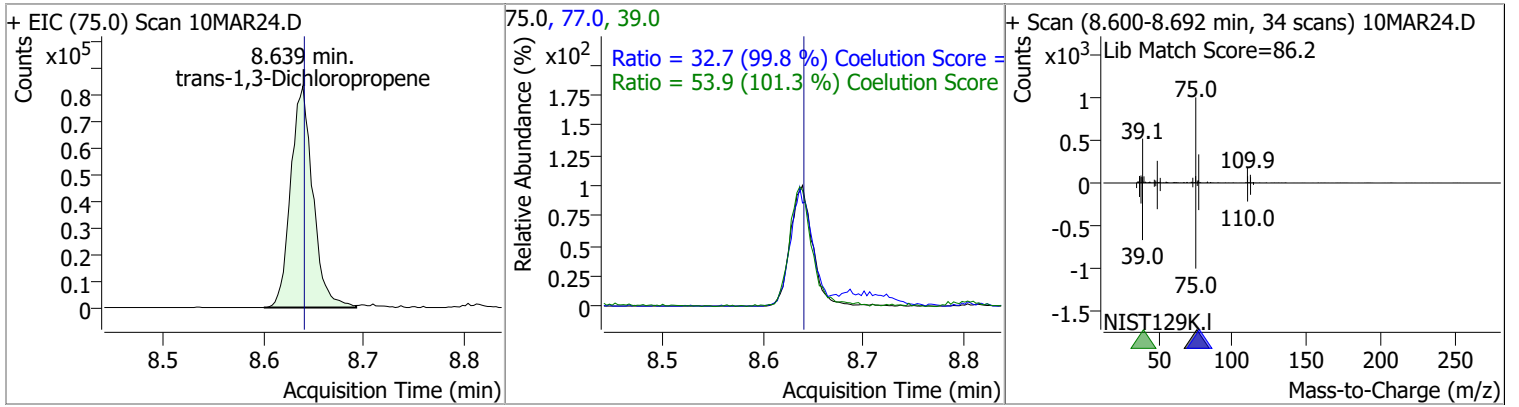


# Quantitation Results Report (QT Reviewed)

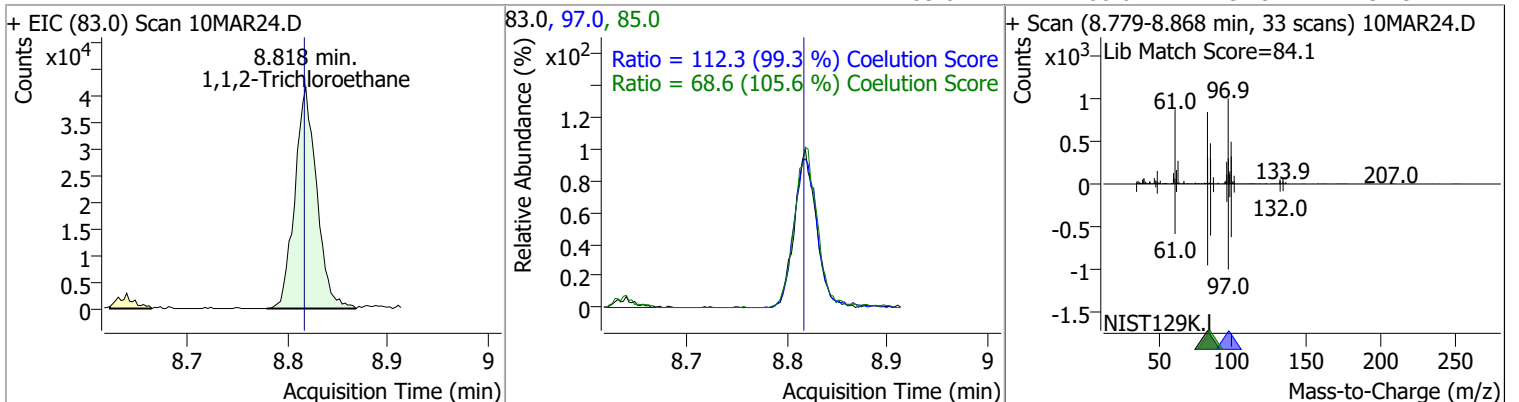
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Toluene	130.9298	8.39	0.00	339251	91.0	177.0	147.9	207.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
trans-1,3-Dichloropropene	125.6554	8.64	0.00	127492	39.0 77.0	53.9 32.7	23.2 2.8	83.2 62.8

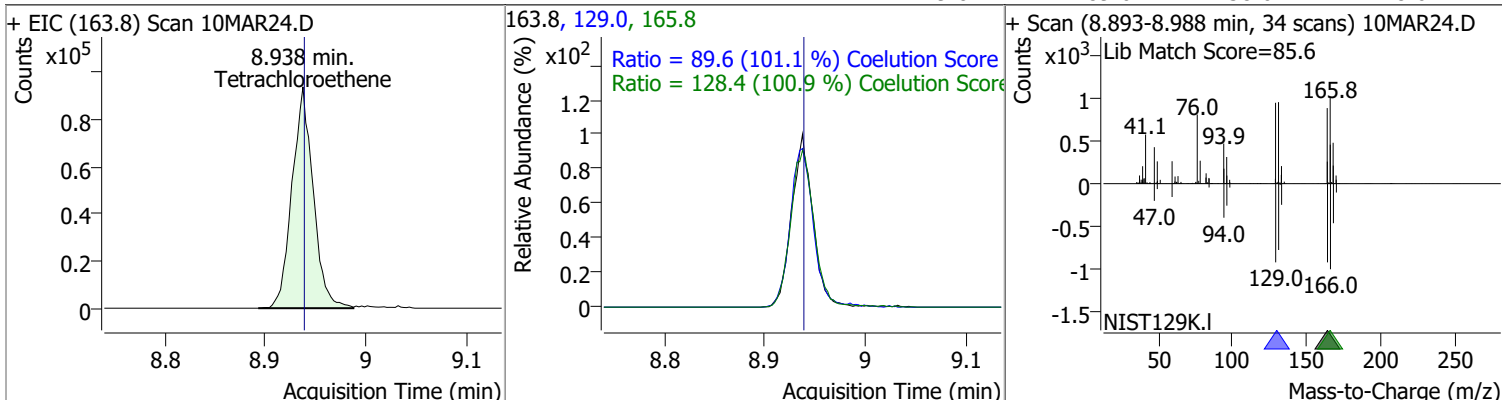


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2-Trichloroethane	123.8384	8.82	0.00	63221	97.0 85.0	112.3 68.6	83.0 34.9	143.0 94.9

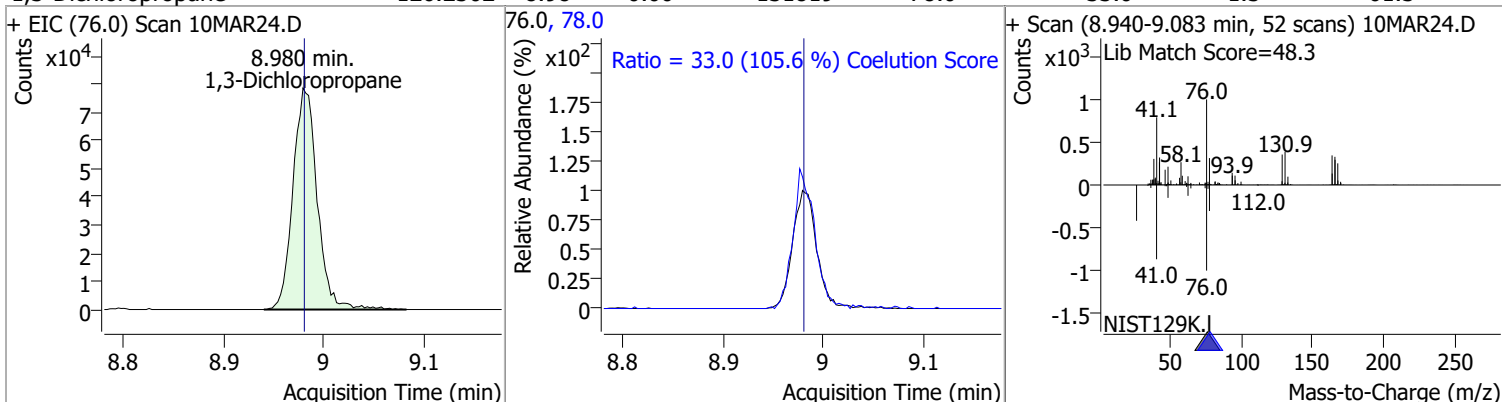


# Quantitation Results Report (QT Reviewed)

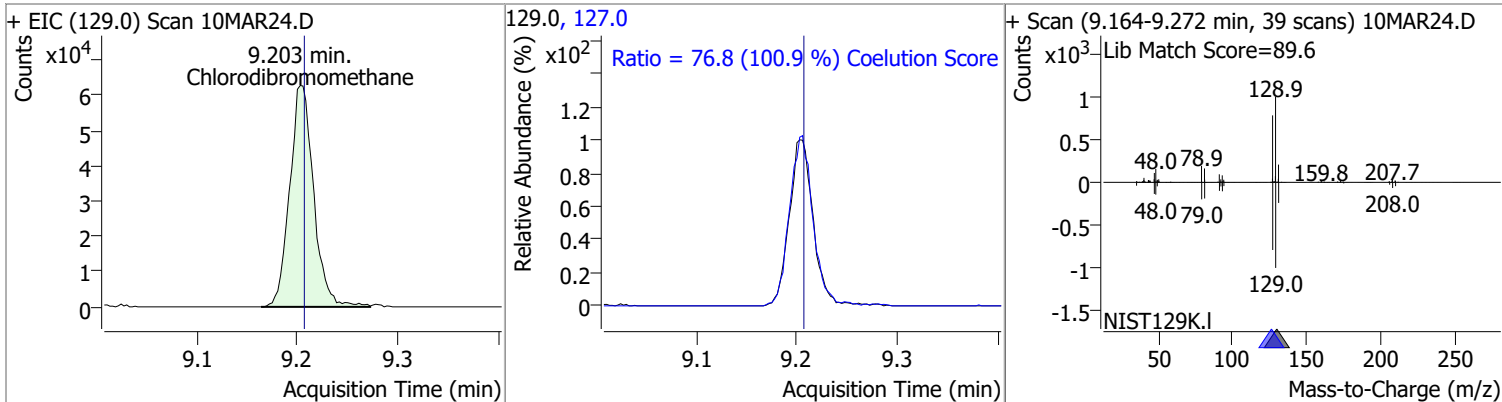
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Tetrachloroethene	125.0377	8.94	0.00	137207	165.8	128.4	97.2	157.2
					129.0	89.6	58.6	118.6



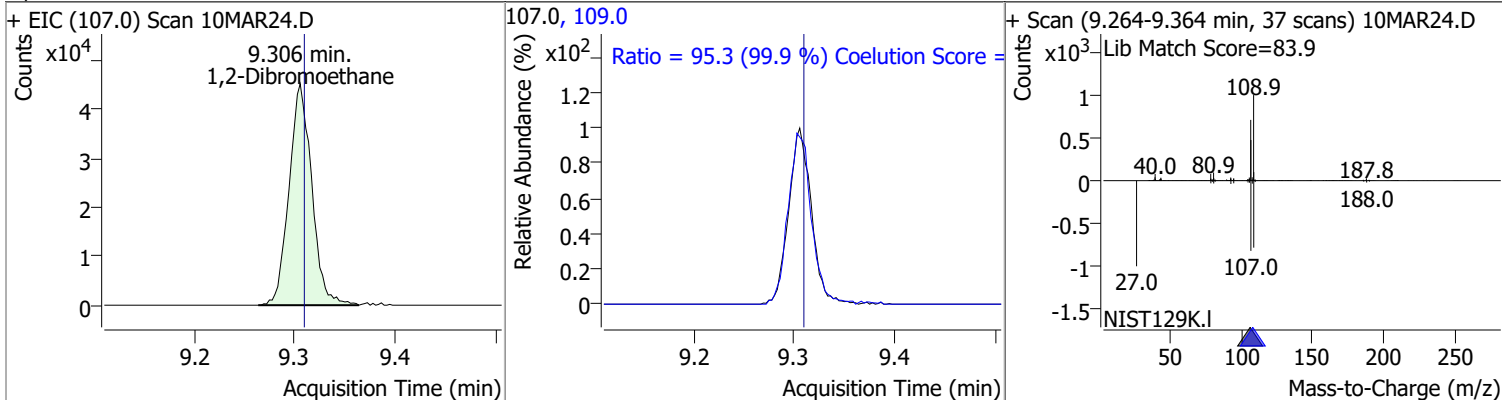
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichloropropane	126.2302	8.98	0.00	131819	78.0	33.0	1.3	61.3



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorodibromomethane	126.1215	9.20	0.00	104091	127.0	76.8	46.1	106.1



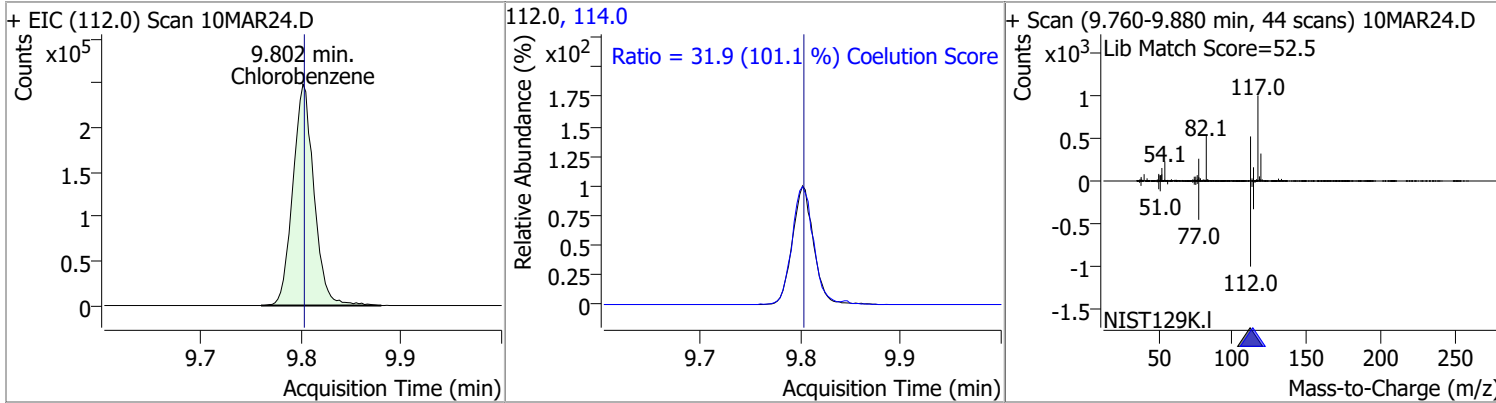
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dibromoethane	124.1668	9.31	0.00	70953	109.0	95.3	65.4	125.4



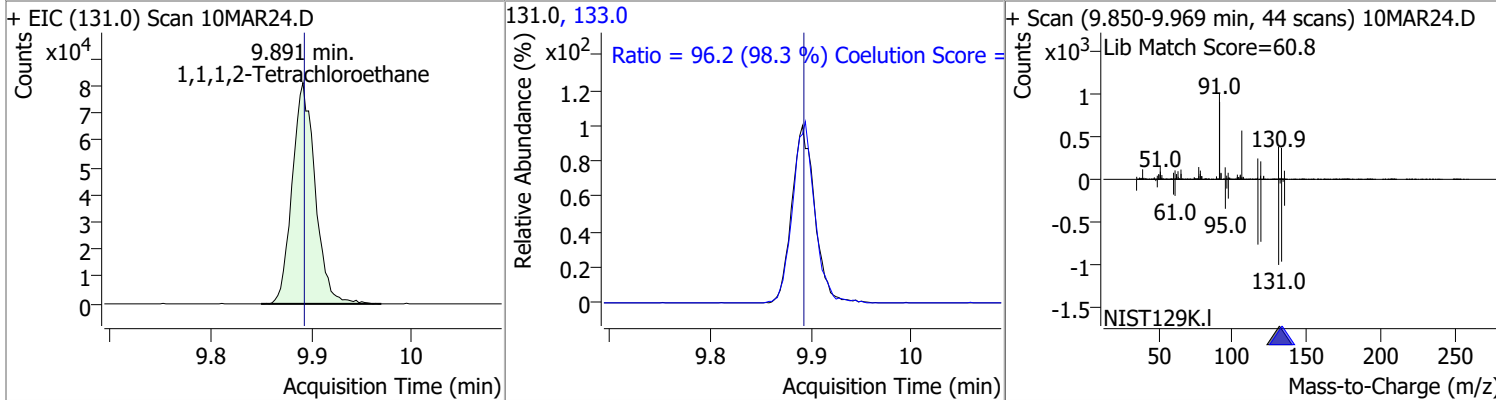


# Quantitation Results Report (QT Reviewed)

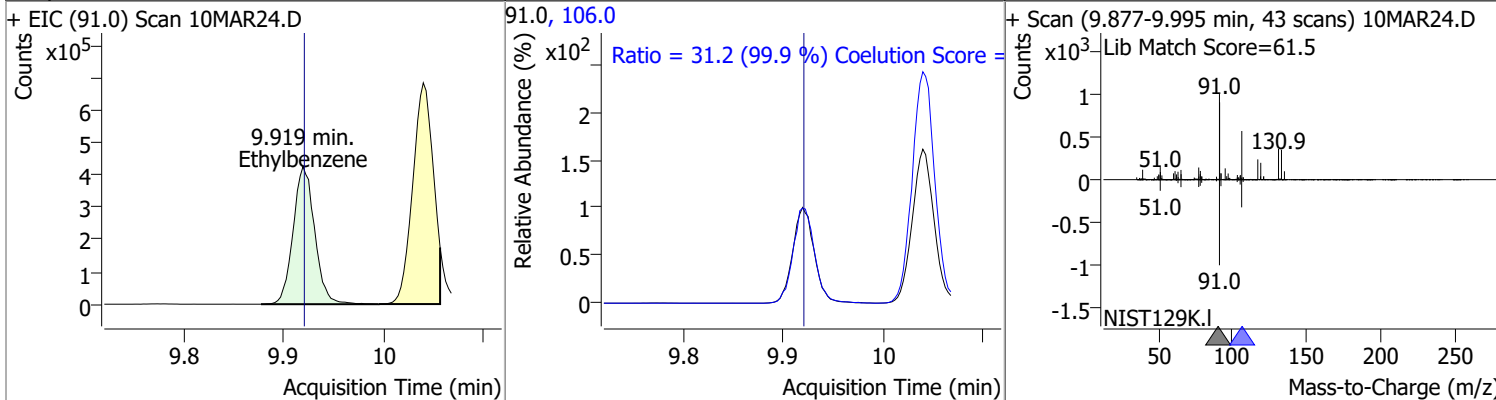
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Chlorobenzene	126.1227	9.80	0.00	364218	114.0	31.9	1.6	61.6



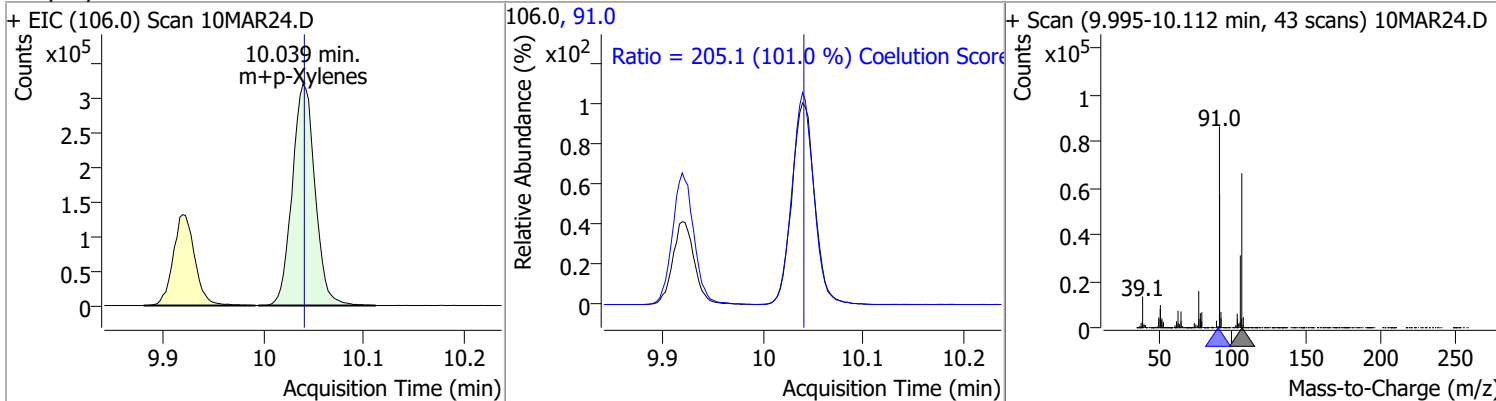
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,1,2-Tetrachloroethane	127.6296	9.89	0.00	129018	133.0	96.2	67.9	127.9



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Ethylbenzene	124.7213	9.92	0.00	632697	106.0	31.2	1.2	61.2

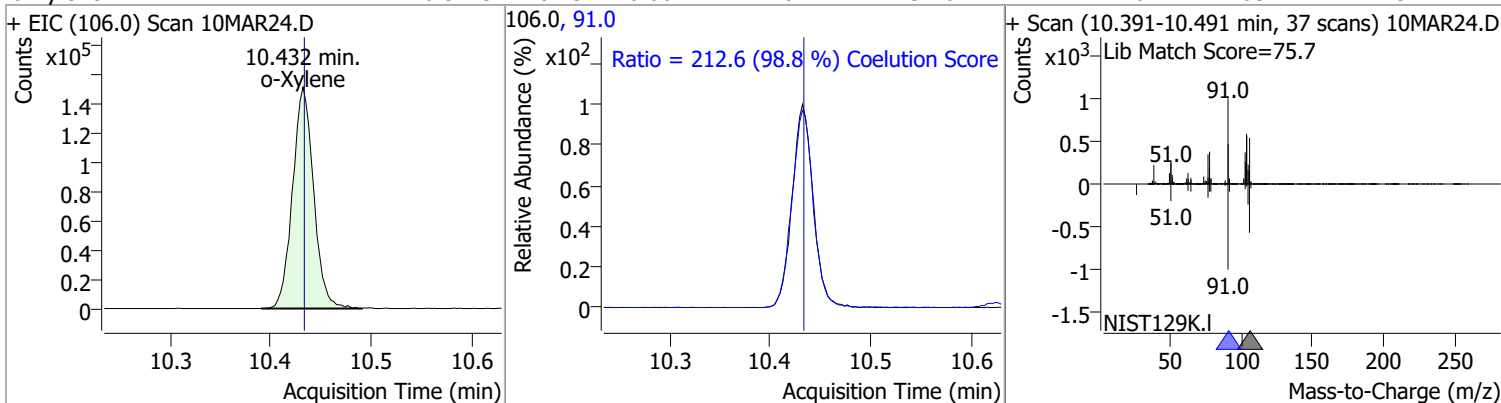


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
m+p-Xylenes	251.1736	10.04	0.00	505956	91.0	205.1	173.1	233.1

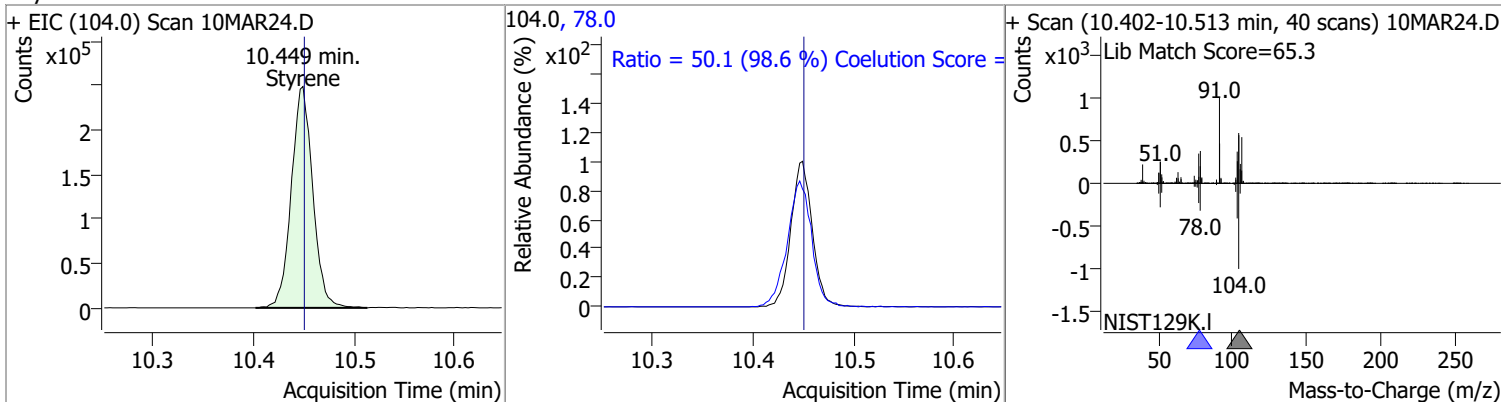


# Quantitation Results Report (QT Reviewed)

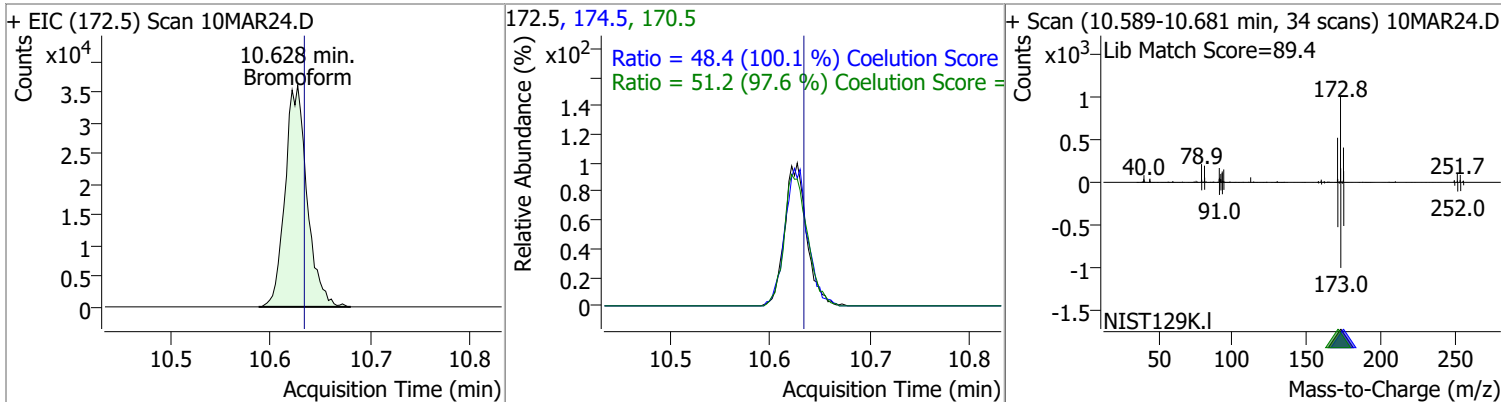
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
o-Xylene	126.5479	10.43	0.00	220222	91.0	212.6	185.1	245.1



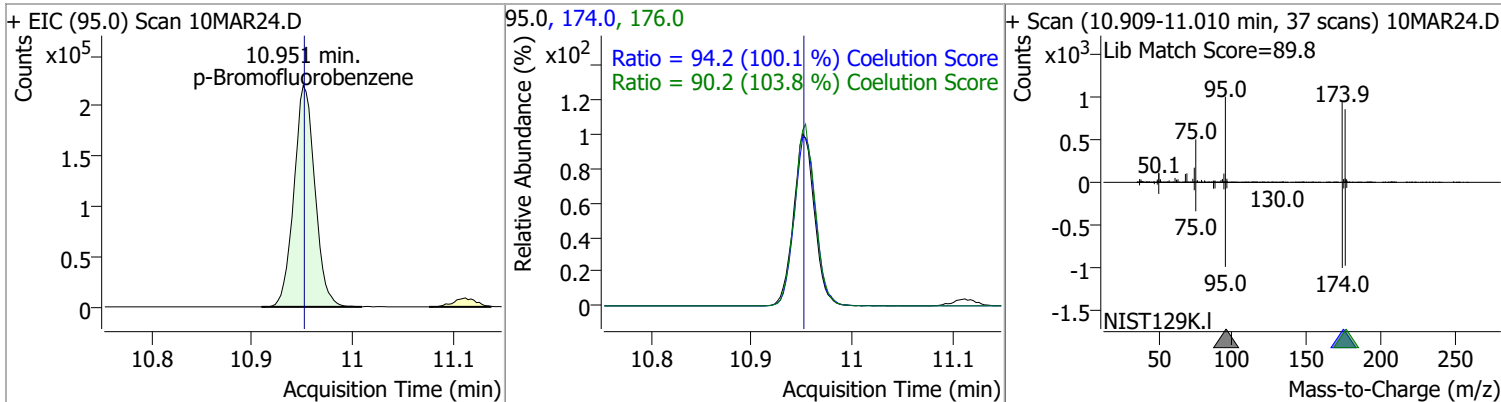
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Styrene	127.2412	10.45	0.00	369302	78.0	50.1	20.8	80.8



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromoform	121.0216	10.63	0.00	55167	170.5	51.2	22.5	82.5
					174.5	48.4	18.3	78.3

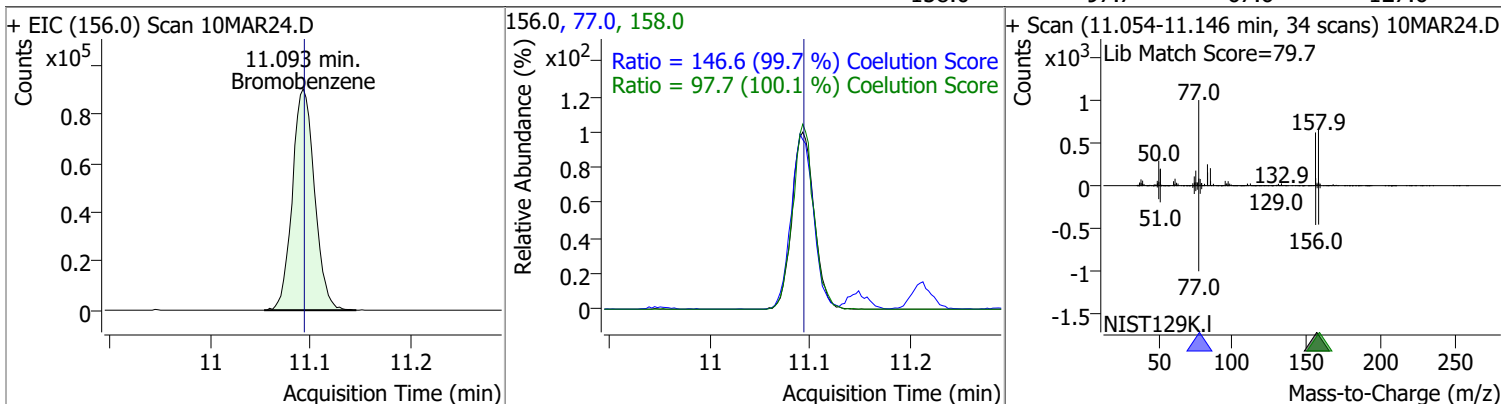


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
p-Bromofluorobenzene	256.6984	10.95	0.00	320348	174.0	94.2	64.2	124.2
					176.0	90.2	56.9	116.9

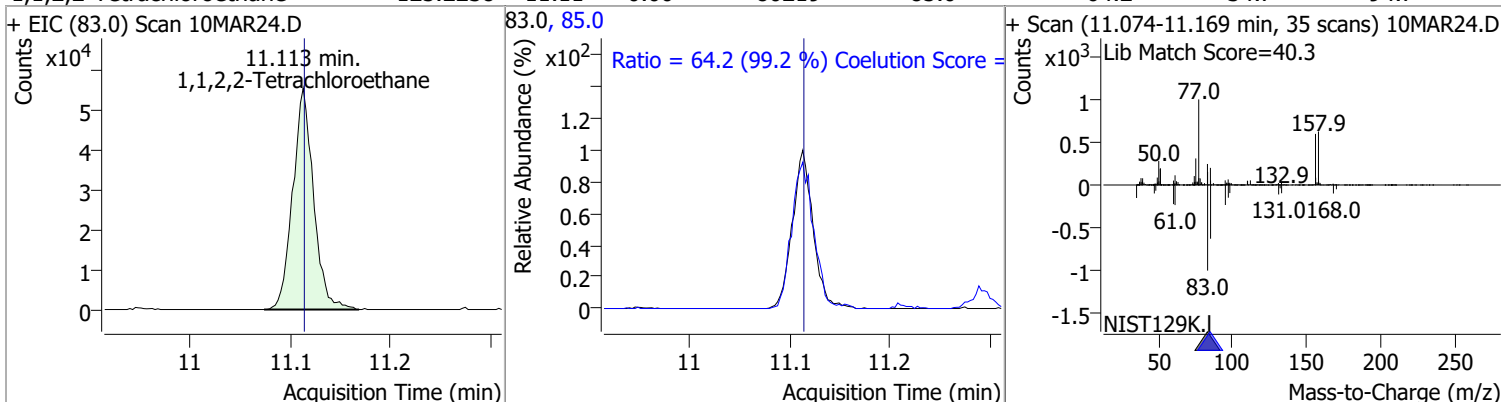


# Quantitation Results Report (QT Reviewed)

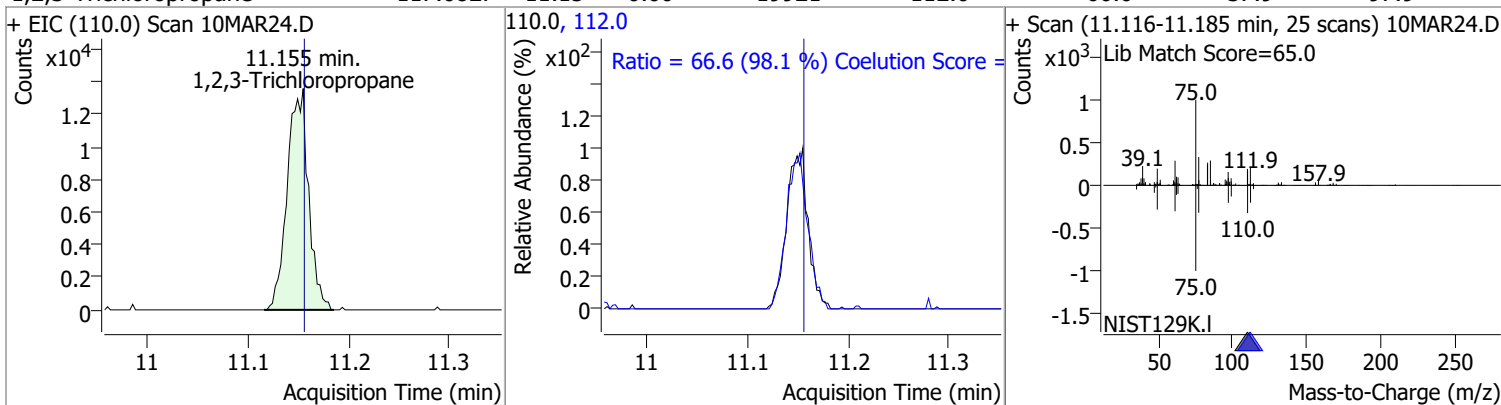
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Bromobenzene	123.6418	11.09	0.00	139070	77.0	146.6	117.1	177.1
					158.0	97.7	67.6	127.6



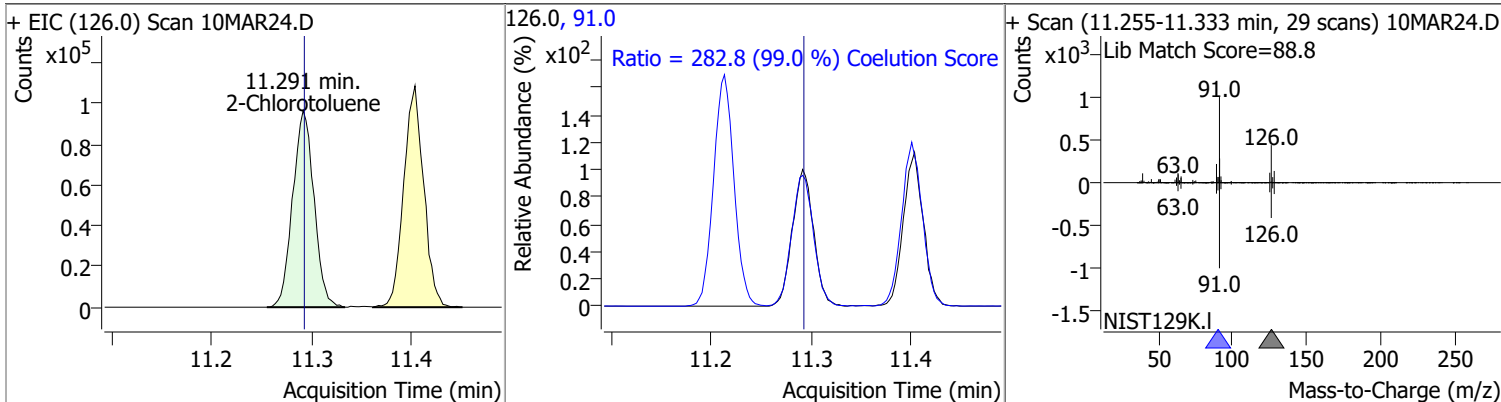
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,1,2,2-Tetrachloroethane	125.2238	11.11	0.00	80219	85.0	64.2	34.7	94.7



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2,3-Trichloropropane	117.0827	11.15	0.00	19921	112.0	66.6	37.9	97.9

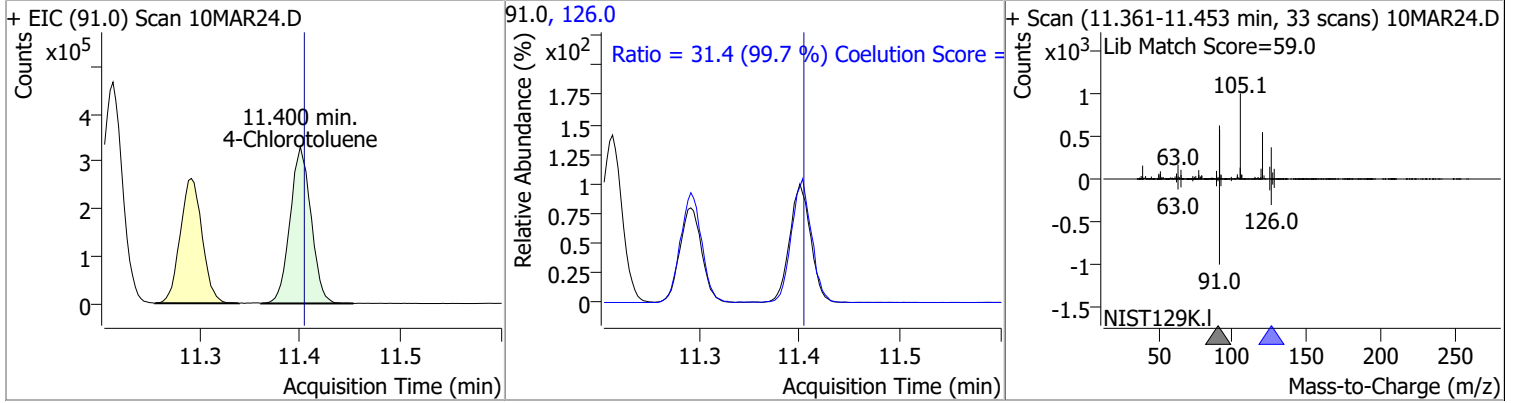


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
2-Chlorotoluene	126.9265	11.29	0.00	142099	91.0	282.8	255.6	315.6

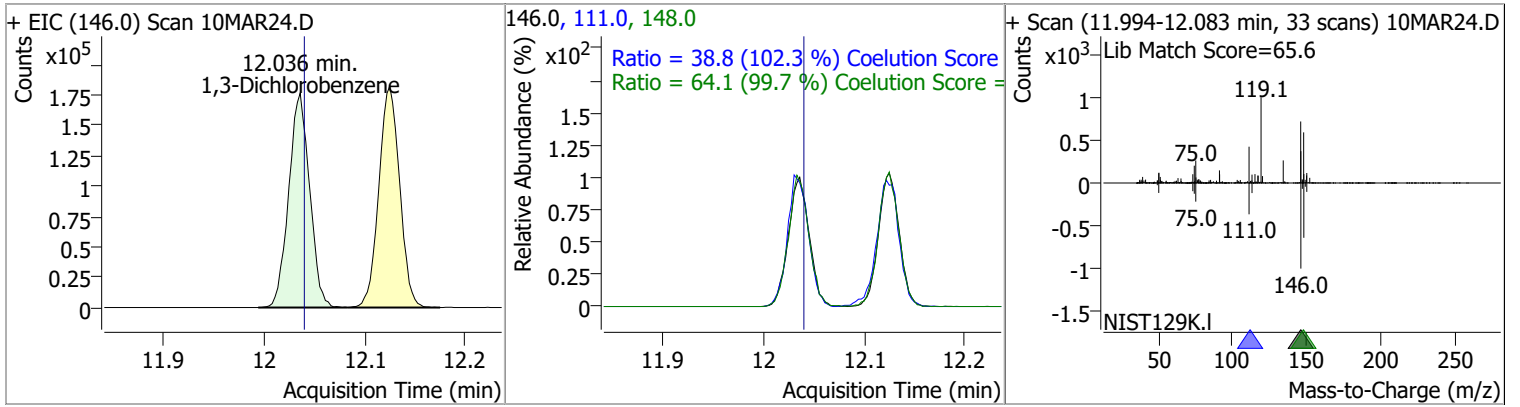


# Quantitation Results Report (QT Reviewed)

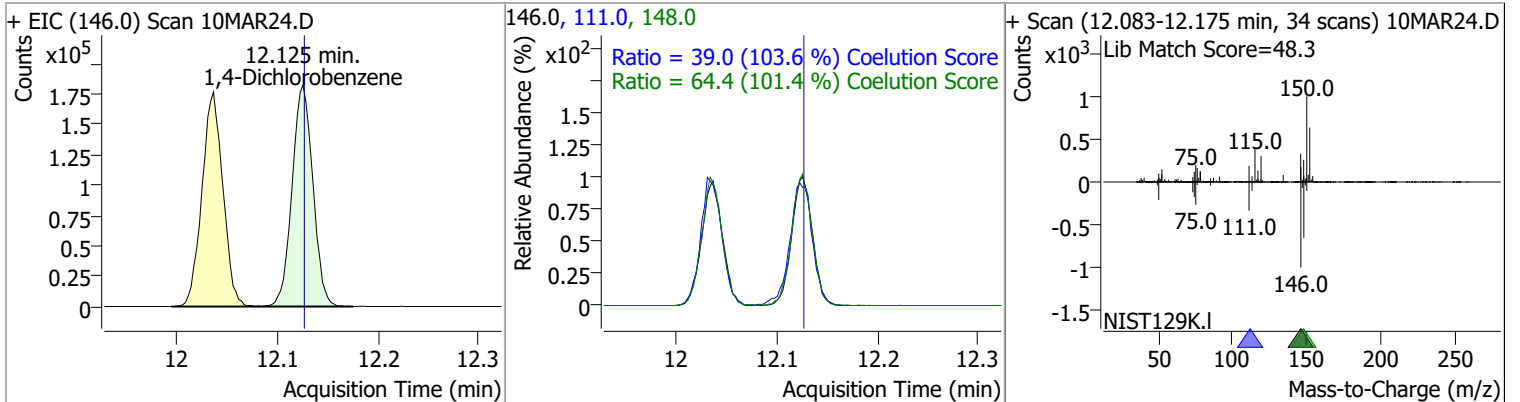
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
4-Chlorotoluene	130.7403	11.40	0.00	478820	126.0	31.4	1.5	61.5



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,3-Dichlorobenzene	127.1337	12.04	0.00	255324	148.0	64.1	34.3	94.3
					111.0	38.8	7.9	67.9

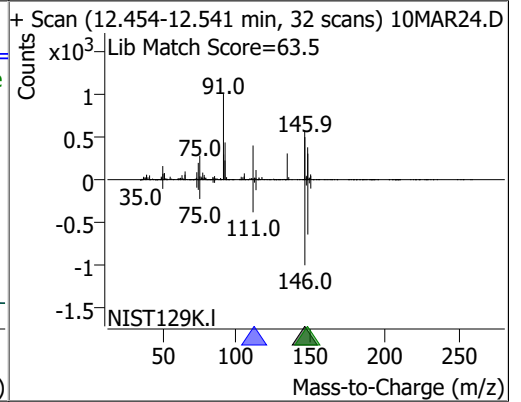
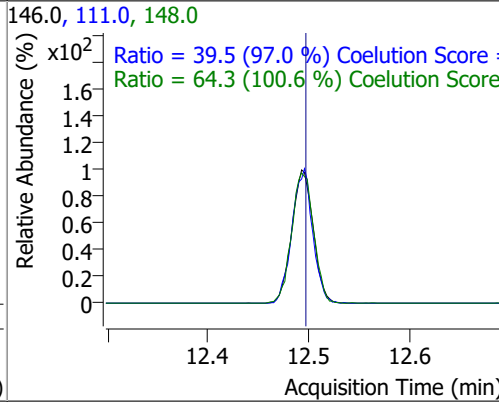
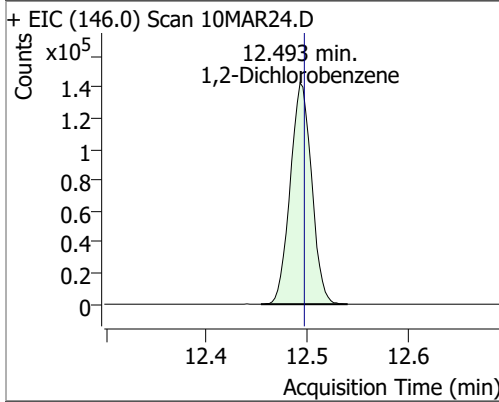


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,4-Dichlorobenzene	125.1405	12.13	0.00	262468	148.0	64.4	33.5	93.5
					111.0	39.0	7.6	67.6



# Quantitation Results Report (QT Reviewed)

Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
1,2-Dichlorobenzene	124.4280	12.49	0.00	211738	148.0	64.3	33.9	93.9
					111.0	39.5	10.7	70.7



# Audit Trail report

**Batch name and path:** D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022\_8260B.batch.bin  
**Quant batch version:** 10.0  
**Quant reporting version:** 10.0

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdNewBatchTable	BL2000\mchavez	3/10/2022 11:47:54 AM	Create new batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 11:48:02 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR01.D			✓	
CmdStartMethodEditing	BL2000\mchavez	3/10/2022 11:48:30 AM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	3/10/2022 11:48:31 AM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_030922_CAL\VOA5975C_8260B_SHT_DoD_030922.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/10/2022 11:48:35 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/10/2022 11:48:35 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/10/2022 11:48:35 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 11:48:38 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/10/2022 11:49:56 AM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/10/2022 12:04:40 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 12:05:25 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR02.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/10/2022 12:05:29 PM	Set SampleType = TuneCheck for sample 10MAR02.D; previous value = Sample			✓	
CmdSaveBatchTable	BL2000\mchavez	3/10/2022 12:08:11 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/10/2022 12:40:06 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 12:40:43 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR03.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/10/2022 12:40:48 PM	Set SampleType = CC for sample 10MAR03.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/10/2022 12:40:52 PM	Set LevelName = CC for sample 10MAR03.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 12:40:57 PM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSaveBatchTable	BL2000\mchavez	3/10/2022 12:42:21 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/10/2022 1:39:48 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 1:40:03 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR04.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/10/2022 1:40:09 PM	Set SampleType = QC for sample 10MAR04.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/10/2022 1:40:13 PM	Set LevelName = QC for sample 10MAR04.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/10/2022 1:40:18 PM	Set SampleInformation = LCSA for sample 10MAR04.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 1:40:23 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/10/2022 1:40:51 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 2:02:19 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR05.D			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 2:02:26 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 2:30:53 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR06.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/10/2022 2:30:57 PM	Set SampleType = Blank for sample 10MAR06.D; previous value = Sample			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 2:31:02 PM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/10/2022 2:32:39 PM	Manually integrate compound Methylene chloride in sample 10MAR06.D, from x, y = 3.280, 0 to 3.369, 0, result = 2694; previous integration is from x, y = 3.316, 0 to 3.369, 0 and previous response = 2345.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/10/2022 2:32:42 PM	Set UserAnnotation = LT for compound Methylene chloride in sample 10MAR06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/10/2022 2:42:35 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR06.D from x, y = 3.271, 0 to 3.439, 0; result = 1694			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/10/2022 2:42:37 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR06.D from x, y = 3.294, 0 to 3.411, 0; result = 1167			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	3/10/2022 2:43:18 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/10/2022 2:57:59 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/10/2022 3:13:55 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 3:14:14 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR07.D			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 3:14:21 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 3:35:36 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR08.D			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 3:35:44 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/10/2022 3:42:04 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/10/2022 3:49:26 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 4:06:34 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR09.D			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 4:06:49 PM	Quantitate all compounds in all samples			✓	
CmdImportSamplesFromWorklist	BL2000\mchavez	3/10/2022 4:31:33 PM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR10.D			✓	
CmdQuantitate	BL2000\mchavez	3/10/2022 4:31:42 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/10/2022 4:54:59 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/11/2022 7:46:49 AM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdImportSamplesFromWorklist	BL2000\mchavez	3/11/2022 7:49:53 AM	Add samples from worklist: D:\Org\Data\VOA5975C\VG031022\10MAR29.D, D:\Org\Data\VOA5975C\VG031022\10MAR28.D, D:\Org\Data\VOA5975C\VG031022\10MAR27.D, D:\Org\Data\VOA5975C\VG031022\10MAR26.D, D:\Org\Data\VOA5975C\VG031022\10MAR25.D, D:\Org\Data\VOA5975C\VG031022\10MAR24.D, D:\Org\Data\VOA5975C\VG031022\10MAR23.D, D:\Org\Data\VOA5975C\VG031022\10MAR22.D, D:\Org\Data\VOA5975C\VG031022\10MAR21.D, D:\Org\Data\VOA5975C\VG031022\10MAR20.D, D:\Org\Data\VOA5975C\VG031022\10MAR19.D, D:\Org\Data\VOA5975C\VG031022\10MAR18.D, D:\Org\Data\VOA5975C\VG031022\10MAR17.D, D:\Org\Data\VOA5975C\VG031022\10MAR16.D, D:\Org\Data\VOA5975C\VG031022\10MAR15.D, D:\Org\Data\VOA5975C\VG031022\10MAR14.D, D:\Org\Data\VOA5975C\VG031022\10MAR13.D, D:\Org\Data\VOA5975C\VG031022\10MAR12.D, D:\Org\Data\VOA5975C\VG031022\10MAR11.D			✓	
CmdQuantitate	BL2000\mchavez	3/11/2022 7:50:13 AM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:50:37 AM	Set SampleType = CC for sample 10MAR24.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:50:45 AM	Set SampleType = Matrix for sample 10MAR21.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:50:52 AM	Set SampleType = MatrixDup for sample 10MAR22.D; previous value = Sample			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:50:56 AM	Set SampleInformation = MatrixA for sample 10MAR21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:51:00 AM	Set SampleInformation = MatrixA for sample 10MAR22.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:51:14 AM	Set LevelName = CC for sample 10MAR24.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:51:18 AM	Set MatrixSpikeGroup = 11 for sample 10MAR21.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:51:20 AM	Set MatrixSpikeGroup = 11 for sample 10MAR22.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/11/2022 7:51:27 AM	Set MatrixSpikeGroup = 11 for sample 10MAR08.D; previous value =			✓	
CmdQuantitate	BL2000\mchavez	3/11/2022 7:51:49 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/11/2022 8:59:47 AM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/14/2022 11:17:52 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 11:21:05 PM	Set SampleApproved = True for sample 10MAR02.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 11:22:25 PM	Set SampleApproved = True for sample 10MAR03.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/14/2022 11:23:12 PM	Manually integrate qualifier 77.0 of compound trans-1,3-Dichloropropene in sample 10MAR04.D, from x, y = 8.598, 0 to 8.676, 142, result = 46782; previous integration is from x, y = 8.598, 0 to 8.693, 0 and previous response = 46782.				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample LCS031022_. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 77.0 of compound trans-1,3-Dichloropropene in sample LCS031022_. ---> 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

# Audit Trail report

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)
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 11:23:41 PM	Set SampleApproved = True for sample 10MAR04.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/14/2022 11:24:24 PM	Manually integrate compound Chloroform in sample 10MAR06.D from x, y = 5.611, 0 to 5.703, 0; result = 582			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/14/2022 11:24:26 PM	Set UserAnnotation = NI for compound Chloroform in sample 10MAR06.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 11:24:28 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 10MAR06.D from x, y = 5.597, 0 to 5.706, 0; result = 227			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/14/2022 11:25:12 PM	Manually integrate compound m+p-Xylenes in sample 10MAR06.D from x, y = 10.017, 0 to 10.076, 0; result = 216			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 11:25:15 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 10MAR06.D from x, y = 9.998, 0 to 10.081, 0; result = 548			✓	
CmdZeroOutPeak	BL2000\mchavez	3/14/2022 11:25:18 PM	Zero out primary peak of compound m+p-Xylenes in sample 10MAR06.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 11:25:46 PM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit. for sample 10MAR06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/14/2022 11:27:37 PM	Manually integrate compound Styrene in sample 10MAR06.D from x, y = 10.444, 0 to 10.483, 0; result = 68			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 11:27:38 PM	Manually integrate qualifier78.0 of compound Styrene in sample 10MAR06.D from x, y = 10.391, 91 to 10.407, 91; result = -91			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\mchavez	3/14/2022 11:27:41 PM	Zero out primary peak of compound Styrene in sample 10MAR06.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 11:33:11 PM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes, Styrene. for sample 10MAR06.D; previous value = Quantitation did not agree with area counts due to quadratic curve fit.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/14/2022 11:33:26 PM	Manually integrate compound 4-Chlorotoluene in sample 10MAR06.D from x, y = 11.381, 0 to 11.442, 0; result = 264			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/14/2022 11:33:29 PM	Manually integrate qualifier126.0 of compound 4-Chlorotoluene in sample 10MAR06.D from x, y = 11.389, 0 to 11.431, 0; result = 109			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/14/2022 11:33:39 PM	Set SampleApproved = True for sample 10MAR06.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/14/2022 11:34:28 PM	Manually integrate compound m+p-Xylenes in sample 10MAR07.D from x, y = 10.012, 0 to 10.073, 0; result = 162			✓	
CmdZeroOutPeak	BL2000\mchavez	3/14/2022 11:34:31 PM	Zero out primary peak of compound m+p-Xylenes in sample 10MAR07.D			✓	
CmdSaveBatchTable	BL2000\mchavez	3/14/2022 11:52:14 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/15/2022 6:14:48 AM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:16:54 AM	Manually integrate compound Chloroform in sample 10MAR07.D from x, y = 5.614, 0 to 5.689, 0; result = 500			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:16:56 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 10MAR07.D from x, y = 5.603, 0 to 5.717, 0; result = 229			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:17:05 AM	Set UserAnnotation = NI for compound Chloroform in sample 10MAR07.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:17:24 AM	Manually integrate compound Toluene in sample 10MAR07.D from x, y = 8.361, 0 to 8.422, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-016E. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-016E. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at 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 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 at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:17:30 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 10MAR07.D from x, y = 8.355, 0 to 8.419, 0; result = 0			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:17:35 AM	Manually integrate compound Toluene in sample 10MAR07.D from x, y = 8.361, 0 to 8.430, 0; result = 0				<p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-016E. ---&gt;</p> <p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-016E. ---&gt;</p> <p>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&amp; A_7, Double&amp; A_8, Int32&amp; A_9, Int32&amp; A_10, Int32&amp; A_11, Int32&amp; A_12)                      at                      Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double&amp; fullWidthHalfMaximum, Double&amp; 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&amp; 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)</p>



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:17:42 AM	Manually integrate compound Toluene in sample 10MAR07.D from x, y = 8.352, 0 to 8.416, 0; result = 880			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:17:57 AM	Set UserAnnotation = NI for compound Toluene in sample 10MAR07.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 6:18:26 AM	Set SampleApproved = True for sample 10MAR07.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:19:11 AM	Manually integrate compound Toluene in sample 10MAR20.D from x, y = 8.349, 0 to 8.402, 0; result = 1016			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:19:22 AM	Set UserAnnotation = NI for compound Toluene in sample 10MAR20.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:19:41 AM	Manually integrate compound Toluene in sample 10MAR13.D from x, y = 8.369, 13 to 8.377, 5; result = 35			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:19:46 AM	Manually integrate compound Toluene in sample 10MAR13.D, from x, y = 8.369, 13 to 8.405, 0, result = 623; previous integration is from x, y = 8.369, 13 to 8.377, 5 and previous response = 35.			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/15/2022 6:19:53 AM	Drop baseline for compound Toluene in sample 10MAR13.D to y = 0, new integration is from x, y = 8.369, 0 to 8.405, 0 and new response = 637; previous integration is from x, y = 8.369, 13 to 8.405, 0 and previous response = 623.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:19:59 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 10MAR13.D from x, y = 8.358, 0 to 8.425, 0; result = 1200			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 6:22:46 AM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes for sample 10MAR07.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:23:12 AM	Manually integrate compound Chloromethane in sample 10MAR08.D from x, y = 1.375, 0 to 1.464, 0; result = 2029			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:23:23 AM	Manually integrate compound Chloromethane in sample 10MAR08.D, from x, y = 1.375, 0 to 1.459, 0, result = 1966; previous integration is from x, y = 1.375, 0 to 1.464, 0 and previous response = 2029.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:23:28 AM	Manually integrate qualifier 52.0 of compound Chloromethane in sample 10MAR08.D from x, y = 1.381, 23 to 1.447, 0; result = 511			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/15/2022 6:23:31 AM	Drop baseline for qualifier 52.0 of compound Chloromethane in sample 10MAR08.D to y = 0, new integration is from x, y = 1.381, 0 to 1.447, 0 and new response = 557; previous integration is from x, y = 1.381, 23 to 1.447, 0 and previous response = 511.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:23:47 AM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR08.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:24:02 AM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 10MAR08.D from x, y = 3.288, 0 to 3.397, 0; result = 2589			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:24:06 AM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR08.D from x, y = 3.294, -52 to 3.394, 0; result = 2376			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:24:09 AM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR08.D, from x, y = 3.291, 0 to 3.394, 0, result = 2221; previous integration is from x, y = 3.294, -52 to 3.394, 0 and previous response = 2376.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:24:47 AM	Manually integrate compound Toluene in sample 10MAR08.D from x, y = 8.360, 0 to 8.402, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-011E. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-011E. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at 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 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 at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

# Audit Trail report

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)

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/15/2022 6:24:53 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 10MAR08.D from x, y = 8.358, 0 to 8.419, 0; result = 0				<p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-011E. ---&gt;</p> <p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-011E. ---&gt;</p> <p>System.IndexOutOfRangeException: Index was outside the bounds of the array.</p> <p>at 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&amp; A_7, Double&amp; A_8, Int32&amp; A_9, Int32&amp; A_10, Int32&amp; A_11, Int32&amp; A_12)</p> <p>at at Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double&amp; fullWidthHalfMaximum, Double&amp; symmetry)</p> <p>at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1)</p> <p>at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList&amp; peaklist)</p> <p>at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)</p> <p>--- End of inner exception stack trace ---</p> <p>at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e)</p> <p>at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)</p>

# Audit Trail report

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)

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:25:00 AM	Manually integrate compound Toluene in sample 10MAR08.D from x, y = 8.360, 0 to 8.408, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-011E. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-011E. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at 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 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 at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QuantifierIon.SetManualIntegrationFailureMessage(Exception e) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
							at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() --- End of inner exception stack trace --- at Agilent.MassSpectrometry.DataAnalysis.Quantitative.CmdManuallyIntegratePeak.Do() at Agilent.MassSpectrometry.CommandModel.CommandHistory.Invoke(ICommand cmd) at Agilent.MassSpectrometry.DataAnalysis.Quantitative.AppCommandContext._Invoke(ICommand cmd)
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:25:08 AM	Manually integrate compound Toluene in sample 10MAR08.D from x, y = 8.366, 0 to 8.408, 0; result = 509			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/15/2022 6:25:14 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 10MAR08.D from x, y = 8.358, 0 to 8.411, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-011E. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-011E. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at 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 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 at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

# Audit Trail report

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)

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/15/2022 6:25:21 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 10MAR08.D from x, y = 8.360, 0 to 8.413, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-011E. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-011E. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at 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 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 at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

# Audit Trail report

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	3/15/2022 6:25:29 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 10MAR08.D from x, y = 8.352, 104 to 8.413, 0; result = 727			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/15/2022 6:25:32 AM	Drop baseline for qualifier 91.0 of compound Toluene in sample 10MAR08.D to y = 0, new integration is from x, y = 8.352, 0 to 8.413, 0 and new response = 917; previous integration is from x, y = 8.352, 104 to 8.413, 0 and previous response = 727.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:25:42 AM	Set UserAnnotation = NI for compound Toluene in sample 10MAR08.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 6:26:07 AM	Set SampleApproved = True for sample 10MAR08.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:26:37 AM	Manually integrate compound Toluene in sample 10MAR09.D from x, y = 8.347, 0 to 8.430, 0; result = 1054			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrate QualifierPeak	BL2000\mchavez	3/15/2022 6:26:40 AM	Manually integrate qualifier 91.0 of compound Toluene in sample 10MAR09.D from x, y = 8.358, 0 to 8.447, 0; result = 0				Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-006E. ---> Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for qualifier 91.0 of compound Toluene in sample B22030502-006E. ---> System.IndexOutOfRangeException: Index was outside the bounds of the array. at 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 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 at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.a(IChromatogram A_0, IPeakList A_1) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Integrator.ManualIntegrate(IChromatogram chromatogram, Double xStart, Double yStart, Double xEnd, Double yEnd, IChromPeakList& peaklist) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd) --- End of inner exception stack trace --- at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.QualifierIon.SetManualIntegrationFailureMessage(Exception e) at at Agilent.MassSpectrometry.DataAnalysis.Quantitative.Analysis.MeasuredIon.ManualIntegrate(Double xStart, Double yStart, Double xEnd, Double yEnd)

# Audit Trail report

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	3/15/2022 6:26:46 AM	Manually integrate qualifier91.0 of compound Toluene in sample 10MAR09.D from x, y = 8.347, 0 to 8.439, 0; result = 1650			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:27:11 AM	Manually integrate compound Methylene chloride in sample 10MAR09.D from x, y = 3.296, 0 to 3.377, 0; result = 1199			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:27:13 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR09.D from x, y = 3.294, 0 to 3.366, 0; result = 493			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:27:16 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR09.D from x, y = 3.288, 0 to 3.391, 0; result = 353			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:27:19 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 10MAR09.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:27:33 AM	Manually integrate compound Chloromethane in sample 10MAR09.D from x, y = 1.375, 24 to 1.434, 0; result = 1100			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:27:40 AM	Manually integrate compound Chloromethane in sample 10MAR09.D, from x, y = 1.381, 0 to 1.434, 0, result = 1142; previous integration is from x, y = 1.375, 24 to 1.434, 0 and previous response = 1100.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:27:45 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 10MAR09.D from x, y = 1.389, 0 to 1.447, 0; result = 502			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:28:04 AM	Manually integrate compound Chloromethane in sample 10MAR09.D, from x, y = 1.394, 0 to 1.434, 0, result = 1020; previous integration is from x, y = 1.381, 0 to 1.434, 0 and previous response = 1142.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:28:08 AM	Manually integrate qualifier 52.0 of compound Chloromethane in sample 10MAR09.D, from x, y = 1.403, 0 to 1.447, 0, result = 467; previous integration is from x, y = 1.389, 0 to 1.447, 0 and previous response = 502.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:28:18 AM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR09.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 6:28:43 AM	Set SampleApproved = True for sample 10MAR09.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:29:17 AM	Set UserAnnotation = NI for compound Toluene in sample 10MAR09.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:29:58 AM	Manually integrate compound Toluene in sample 10MAR10.D from x, y = 8.358, 0 to 8.422, 0; result = 0				<p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-001E. ---&gt;</p> <p>Agilent.MassSpectrometry.DataAnalysis.Quantitative.ApplicationCommandException: Manual integration failed for compound Toluene in sample B22030502-001E. ---&gt;</p> <p>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&amp; A_7, Double&amp; A_8, Int32&amp; A_9, Int32&amp; A_10, Int32&amp; A_11, Int32&amp; A_12)                      at                      Agilent.MassSpectrometry.DataAnalysis.AgileIntegrator.Peak.ComputeChromatographicMetrics(Double[] xArray, Single[] yArray, Int32 startIndex, Int32 apexIndex, Int32 endIndex, Double baselineSlope, Double yIntercept, Double&amp; fullWidthHalfMaximum, Double&amp; 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&amp; 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)</p>



# Audit Trail report

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)
CmdQuantitate	BL2000\mchavez	3/15/2022 6:30:44 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:30:51 AM	Manually integrate compound Toluene in sample 10MAR10.D from x, y = 8.352, 0 to 8.430, 0; result = 1887			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:30:57 AM	Set UserAnnotation = NI for compound Toluene in sample 10MAR10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:31:05 AM	Manually integrate compound Toluene in sample 10MAR11.D from x, y = 8.358, 0 to 8.411, 0; result = 924			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:31:13 AM	Manually integrate qualifier91.0 of compound Toluene in sample 10MAR11.D from x, y = 8.361, 0 to 8.402, 0; result = 1402			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:31:56 AM	Manually integrate compound Chloromethane in sample 10MAR10.D from x, y = 1.364, 0 to 1.439, 0; result = 625			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:31:59 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 10MAR10.D from x, y = 1.381, 0 to 1.431, 0; result = 99			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:32:03 AM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:32:15 AM	Manually integrate compound Methylene chloride in sample 10MAR10.D from x, y = 3.282, 0 to 3.363, 0; result = 1223			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:32:18 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR10.D from x, y = 3.291, 0 to 3.386, 0; result = 696			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:32:20 AM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR10.D from x, y = 3.285, 0 to 3.405, 0; result = 251			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:32:24 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 10MAR10.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 6:32:49 AM	Manually integrate compound Carbon tetrachloride in sample 10MAR10.D from x, y = 5.987, 0 to 6.068, 0; result = 535			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:32:53 AM	Manually integrate qualifier 119.0 of compound Carbon tetrachloride in sample 10MAR10.D from x, y = 5.993, 0 to 6.063, 0; result = 339			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 6:32:55 AM	Manually integrate qualifier 121.0 of compound Carbon tetrachloride in sample 10MAR10.D from x, y = 5.987, 0 to 6.054, 0; result = 86			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 6:32:59 AM	Set UserAnnotation = NI for compound Carbon tetrachloride in sample 10MAR10.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	3/15/2022 6:43:38 AM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/15/2022 10:26:14 AM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 10:26:37 AM	Set UserAnnotation = for compound Carbon tetrachloride in sample 10MAR10.D; previous value = NI			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 10:26:43 AM	Zero out primary peak of compound Carbon tetrachloride in sample 10MAR10.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:27:21 AM	Set UserDefined = Qualifier ratio did not meet method criteria for Carbon tetrachloride for sample 10MAR10.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:29:01 AM	Set SampleApproved = True for sample 10MAR10.D; previous value = False			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 10:31:15 AM	Set UserAnnotation = NI for compound 4-Chlorotoluene in sample 10MAR06.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 10:32:49 AM	Manually integrate compound Styrene in sample 10MAR11.D from x, y = 10.421, 0 to 10.474, 0; result = 131			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 10:32:53 AM	Manually integrate qualifier 78.0 of compound Styrene in sample 10MAR11.D from x, y = 10.424, 0 to 10.472, 0; result = 61			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 10:32:56 AM	Zero out primary peak of compound Styrene in sample 10MAR11.D			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 10:33:20 AM	Set UserAnnotation = NI for compound Toluene in sample 10MAR11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:33:30 AM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes for sample 10MAR11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:33:42 AM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for Styrene for sample 10MAR11.D; previous value = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 10:34:17 AM	Manually integrate compound Methylene chloride in sample 10MAR11.D from x, y = 3.285, 51 to 3.394, 0; result = 883			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/15/2022 10:34:21 AM	Drop baseline for compound Methylene chloride in sample 10MAR11.D to y = 0, new integration is from x, y = 3.285, 0 to 3.394, 0 and new response = 1049; previous integration is from x, y = 3.285, 51 to 3.394, 0 and previous response = 883.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 10:34:24 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR11.D from x, y = 3.263, 0 to 3.391, 0; result = 771			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 10:34:25 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR11.D from x, y = 3.285, 0 to 3.402, 0; result = 329			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 10:34:28 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 10MAR11.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:34:39 AM	Set SampleApproved = True for sample 10MAR11.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 10:35:06 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 10:38:19 AM	Manually integrate qualifier78.0 of compound Styrene in sample 10MAR12.D from x, y = 10.405, 0 to 10.474, 0; result = 1431			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 10:39:51 AM	Manually integrate compound Ethylbenzene in sample 10MAR12.D from x, y = 9.894, 0 to 9.958, 0; result = 1151			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 10:39:57 AM	Manually integrate qualifier106.0 of compound Ethylbenzene in sample 10MAR12.D from x, y = 9.911, 0 to 9.936, 0; result = 83			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 10:40:01 AM	Zero out primary peak of compound Ethylbenzene in sample 10MAR12.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 10:40:05 AM	Manually integrate compound m+p-Xylenes in sample 10MAR12.D from x, y = 10.014, 0 to 10.062, 0; result = 199			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 10:40:07 AM	Zero out primary peak of compound m+p-Xylenes in sample 10MAR12.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:40:23 AM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes for sample 10MAR12.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:40:32 AM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes, Ethylbenzene for sample 10MAR12.D; previous value = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 10:40:56 AM	Set SampleApproved = True for sample 10MAR12.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 10:41:13 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/15/2022 10:51:24 AM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/15/2022 11:36:18 AM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:36:34 AM	Manually integrate compound Chloromethane in sample 10MAR13.D from x, y = 1.375, 0 to 1.425, 0; result = 600			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:36:36 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 10MAR13.D from x, y = 1.394, 0 to 1.431, 0; result = 179			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:36:39 AM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR13.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:36:52 AM	Manually integrate compound Methylene chloride in sample 10MAR13.D from x, y = 3.299, 0 to 3.383, 0; result = 830			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:36:54 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR13.D from x, y = 3.285, 0 to 3.383, 0; result = 644			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:36:56 AM	Set UserAnnotation = NI for compound Methylene chloride in sample 10MAR13.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:36:58 AM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR13.D from x, y = 3.302, 0 to 3.366, 0; result = 114			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:41:30 AM	Set UserAnnotation = NI for compound Toluene in sample 10MAR13.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:41:52 AM	Manually integrate compound Benzene in sample 10MAR13.D from x, y = 6.247, 0 to 6.330, 0; result = 291			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:41:54 AM	Manually integrate qualifier 77.0 of compound Benzene in sample 10MAR13.D from x, y = 6.269, 0 to 6.297, 0; result = 50			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:42:07 AM	Set UserAnnotation = NI for compound Benzene in sample 10MAR13.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 11:42:33 AM	Set SampleApproved = True for sample 10MAR13.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:43:54 AM	Manually integrate compound Chloroform in sample 10MAR14.D from x, y = 5.617, 0 to 5.739, 0; result = 778			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:43:57 AM	Manually integrate qualifier 85.0 of compound Chloroform in sample 10MAR14.D from x, y = 5.592, 0 to 5.695, 0; result = 488			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:43:59 AM	Set UserAnnotation = NI for compound Chloroform in sample 10MAR14.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:44:12 AM	Manually integrate qualifier 84.0 of compound Methylene chloride in sample 10MAR14.D from x, y = 3.280, 0 to 3.383, 37; result = 1827			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/15/2022 11:44:14 AM	Drop baseline for qualifier 84.0 of compound Methylene chloride in sample 10MAR14.D to y = 0, new integration is from x, y = 3.280, 0 to 3.383, 0 and new response = 1941; previous integration is from x, y = 3.280, 0 to 3.383, 37 and previous response = 1827.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:44:17 AM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR14.D from x, y = 3.280, 0 to 3.377, 0; result = 1183			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:44:27 AM	Manually integrate compound Chloromethane in sample 10MAR14.D from x, y = 1.364, 0 to 1.448, 0; result = 1026			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:44:29 AM	Manually integrate qualifier 52.0 of compound Chloromethane in sample 10MAR14.D from x, y = 1.375, 0 to 1.436, 0; result = 142			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:44:32 AM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR14.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 11:45:04 AM	Set SampleApproved = True for sample 10MAR14.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:45:56 AM	Manually integrate compound o-Xylene in sample 10MAR15.D from x, y = 10.407, 0 to 10.444, 0; result = 30			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:45:57 AM	Manually integrate qualifier 91.0 of compound o-Xylene in sample 10MAR15.D from x, y = 10.413, 0 to 10.455, 0; result = 110			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 11:46:00 AM	Zero out primary peak of compound o-Xylene in sample 10MAR15.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:46:04 AM	Manually integrate compound m+p-Xylenes in sample 10MAR15.D from x, y = 10.006, 0 to 10.067, 0; result = 324			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:46:07 AM	Manually integrate qualifier 91.0 of compound m+p-Xylenes in sample 10MAR15.D from x, y = 10.006, 0 to 10.067, 0; result = 720			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 11:46:10 AM	Zero out primary peak of compound m+p-Xylenes in sample 10MAR15.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 11:46:25 AM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes, Ethylbenzene for sample 10MAR15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 11:46:39 AM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes, o-Xylene for sample 10MAR15.D; previous value = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes, Ethylbenzene			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:47:16 AM	Manually integrate qualifier 77.0 of compound Fluorobenzene in sample 10MAR15.D, from x, y = 6.568, 0 to 6.679, 0, result = 16119; previous integration is from x, y = 6.618, 0 to 6.679, 0 and previous response = 9338.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:47:27 AM	Manually integrate compound Chloroform in sample 10MAR15.D from x, y = 5.589, 0 to 5.714, 0; result = 1110			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:47:30 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 10MAR15.D from x, y = 5.625, 0 to 5.686, 0; result = 554			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:47:33 AM	Set UserAnnotation = NI for compound Chloroform in sample 10MAR15.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:50:11 AM	Manually integrate compound Methylene chloride in sample 10MAR15.D, from x, y = 3.285, 0 to 3.361, 0, result = 3082; previous integration is from x, y = 3.310, 0 to 3.361, 0 and previous response = 2749.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:50:14 AM	Set UserAnnotation = LT for compound Methylene chloride in sample 10MAR15.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:50:16 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR15.D from x, y = 3.296, 0 to 3.380, 0; result = 1814			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:50:19 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR15.D from x, y = 3.302, 0 to 3.380, 0; result = 1194			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:50:36 AM	Manually integrate compound Chloromethane in sample 10MAR15.D from x, y = 1.364, 0 to 1.459, 0; result = 417			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:50:38 AM	Manually integrate qualifier52.0 of compound Chloromethane in sample 10MAR15.D from x, y = 1.364, 0 to 1.422, 0; result = 233			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:50:43 AM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR15.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 11:50:46 AM	Set SampleApproved = True for sample 10MAR15.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 11:51:16 AM	Quantitate all compounds in all samples			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:52:12 AM	Manually integrate compound Methylene chloride in sample 10MAR16.D, from x, y = 3.263, 0 to 3.363, 0, result = 2708; previous integration is from x, y = 3.313, 0 to 3.363, 0 and previous response = 2296.			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 11:52:13 AM	Set UserAnnotation = LT for compound Methylene chloride in sample 10MAR16.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:52:16 AM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR16.D from x, y = 3.294, 0 to 3.391, 0; result = 1794			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:52:19 AM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR16.D from x, y = 3.291, 0 to 3.405, 0; result = 1025			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 11:52:35 AM	Manually integrate compound Chloroform in sample 10MAR16.D from x, y = 5.619, 0 to 5.672, -15; result = 524			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 11:52:39 AM	Manually integrate qualifier85.0 of compound Chloroform in sample 10MAR16.D from x, y = 5.625, 0 to 5.667, 0; result = 140			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 11:52:45 AM	Zero out primary peak of compound Chloroform in sample 10MAR16.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:00:56 PM	Manually integrate compound m+p-Xylenes in sample 10MAR16.D from x, y = 10.000, 0 to 10.062, 0; result = 305			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:00:58 PM	Manually integrate qualifier91.0 of compound m+p-Xylenes in sample 10MAR16.D from x, y = 10.000, 0 to 10.073, 0; result = 649			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 12:01:00 PM	Zero out primary peak of compound m+p-Xylenes in sample 10MAR16.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:01:04 PM	Manually integrate compound o-Xylene in sample 10MAR16.D from x, y = 10.413, 0 to 10.458, 0; result = 71			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:01:07 PM	Manually integrate qualifier91.0 of compound o-Xylene in sample 10MAR16.D from x, y = 10.416, 16 to 10.466, 0; result = 47			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 12:01:09 PM	Zero out primary peak of compound o-Xylene in sample 10MAR16.D			✓	
CmdManuallyIntegrateDropBaseline	BL2000\mchavez	3/15/2022 12:01:15 PM	Drop baseline for qualifier 91.0 of compound o-Xylene in sample 10MAR16.D to y = 0, new integration is from x, y = 10.416, 0 to 10.466, 0 and new response = 70; previous integration is from x, y = 10.416, 16 to 10.466, 0 and previous response = 47.			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:01:44 PM	Set SampleApproved = True for sample 10MAR16.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 12:02:08 PM	Quantitate all compounds in all samples			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:02:19 PM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes, o-Xylene for sample 10MAR16.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:02:31 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR17.D from x, y = 3.280, 0 to 3.380, 0; result = 1926			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:02:33 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR17.D from x, y = 3.274, 0 to 3.386, 0; result = 1661			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:03:12 PM	Manually integrate compound Benzene in sample 10MAR17.D from x, y = 6.252, 0 to 6.314, 0; result = 110			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:03:14 PM	Manually integrate qualifier77.0 of compound Benzene in sample 10MAR17.D from x, y = 6.269, 0 to 6.308, 0; result = 64			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 12:03:17 PM	Zero out primary peak of compound Benzene in sample 10MAR17.D			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:03:45 PM	Manually integrate compound Chloromethane in sample 10MAR17.D from x, y = 1.383, 0 to 1.445, 0; result = 505			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:03:47 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 10MAR17.D from x, y = 1.383, 0 to 1.439, 0; result = 143			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:03:51 PM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:04:06 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Carbon tetrachloride for sample 10MAR17.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:04:15 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Benzene for sample 10MAR17.D; previous value = Qualifier ratio did not meet method criteria for Carbon tetrachloride			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:04:16 PM	Set SampleApproved = True for sample 10MAR17.D; previous value = False			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:05:31 PM	Manually integrate compound Methylene chloride in sample 10MAR18.D from x, y = 3.294, 0 to 3.363, 0; result = 1803			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:05:33 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR18.D from x, y = 3.282, 0 to 3.374, 0; result = 1513			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:05:35 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 10MAR18.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:05:38 PM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR18.D from x, y = 3.285, 0 to 3.414, 0; result = 734			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:05:51 PM	Manually integrate compound Chloroform in sample 10MAR18.D from x, y = 5.608, 0 to 5.697, 0; result = 1091			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:05:53 PM	Manually integrate qualifier 85.0 of compound Chloroform in sample 10MAR18.D from x, y = 5.600, 0 to 5.697, 0; result = 459			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:05:55 PM	Set UserAnnotation = NI for compound Chloroform in sample 10MAR18.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:06:31 PM	Manually integrate compound m+p-Xylenes in sample 10MAR18.D from x, y = 10.009, 0 to 10.115, 0; result = 707			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 12:06:32 PM	Zero out primary peak of compound m+p-Xylenes in sample 10MAR18.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:06:49 PM	Set SampleApproved = True for sample 10MAR18.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 12:07:18 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:07:28 PM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes for sample 10MAR07.D; previous value = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:07:41 PM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes for sample 10MAR18.D; previous value =			✓	
CmdSaveBatchTable	BL2000\mchavez	3/15/2022 12:07:50 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/15/2022 12:10:38 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:11:03 PM	Manually integrate compound Methylene chloride in sample 10MAR19.D from x, y = 3.288, -92 to 3.411, 0; result = 2235			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:11:07 PM	Manually integrate compound Methylene chloride in sample 10MAR19.D, from x, y = 3.274, 0 to 3.411, 0, result = 1895; previous integration is from x, y = 3.288, -92 to 3.411, 0 and previous response = 2235.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:11:09 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR19.D from x, y = 3.285, 0 to 3.402, 0; result = 937			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:11:12 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR19.D from x, y = 3.283, 0 to 3.402, 0; result = 617			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:11:14 PM	Set UserAnnotation = NI for compound Methylene chloride in sample 10MAR19.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:11:34 PM	Manually integrate compound Chloroform in sample 10MAR19.D from x, y = 5.619, 0 to 5.700, 0; result = 808			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:11:36 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 10MAR19.D from x, y = 5.600, 0 to 5.686, 0; result = 439			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:11:47 PM	Set UserAnnotation = NI for compound Chloroform in sample 10MAR19.D; previous value =			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:12:06 PM	Manually integrate compound Toluene in sample 10MAR19.D, from x, y = 8.344, 0 to 8.419, 0, result = 5108; previous integration is from x, y = 8.372, 0 to 8.419, 0 and previous response = 4631.			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:12:09 PM	Set UserAnnotation = NI for compound Toluene in sample 10MAR19.D; previous value =			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:12:11 PM	Set UserAnnotation = LT for compound Toluene in sample 10MAR19.D; previous value = NI			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:12:46 PM	Set SampleApproved = True for sample 10MAR19.D; previous value = False			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 12:13:34 PM	Zero out primary peak of compound Toluene in sample 10MAR20.D			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:13:41 PM	Set UserAnnotation = for compound Toluene in sample 10MAR20.D; previous value = NI			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:13:52 PM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes for sample 10MAR20.D; previous value =			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:14:00 PM	Set UserDefined = Quantitation did not agree with area counts due to quadratic curve fit for Toluene for sample 10MAR20.D; previous value = Quantitation did not agree with area counts due to quadratic curve fit for m+p Xylenes			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:14:27 PM	Manually integrate compound Chloroform in sample 10MAR20.D from x, y = 5.611, 0 to 5.703, 0; result = 289			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:14:29 PM	Manually integrate qualifier85.0 of compound Chloroform in sample 10MAR20.D from x, y = 5.597, 0 to 5.678, 0; result = 237			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:14:34 PM	Set UserAnnotation = NI for compound Chloroform in sample 10MAR20.D; previous value =			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:14:51 PM	Manually integrate qualifier84.0 of compound Methylene chloride in sample 10MAR20.D from x, y = 3.271, 0 to 3.391, 0; result = 1548			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:14:54 PM	Manually integrate qualifier86.0 of compound Methylene chloride in sample 10MAR20.D from x, y = 3.296, 0 to 3.363, -48; result = 814			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:14:55 PM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR20.D, from x, y = 3.366, -99 to 3.369, -50, result = 12; previous integration is from x, y = 3.296, 0 to 3.363, -48 and previous response = 814.			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:14:58 PM	Manually integrate qualifier 86.0 of compound Methylene chloride in sample 10MAR20.D, from x, y = 3.296, 0 to 3.369, 0, result = 718; previous integration is from x, y = 3.366, -99 to 3.369, -50 and previous response = 12.			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 12:15:14 PM	Manually integrate compound Chloromethane in sample 10MAR20.D from x, y = 1.372, 0 to 1.439, 0; result = 563			✓	
CmdManuallyIntegrateQualifierPeak	BL2000\mchavez	3/15/2022 12:15:16 PM	Manually integrate qualifier52.0 of compound Chloromethane in sample 10MAR20.D from x, y = 1.386, 0 to 1.442, 0; result = 203			✓	
CmdSetTargetCompoundAttribute	BL2000\mchavez	3/15/2022 12:15:41 PM	Set UserAnnotation = NI for compound Chloromethane in sample 10MAR20.D; previous value =			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:15:46 PM	Set SampleApproved = True for sample 10MAR20.D; previous value = False			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:16:34 PM	Set SampleApproved = True for sample 10MAR21.D; previous value = False			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:17:23 PM	Set SampleApproved = True for sample 10MAR22.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 12:18:07 PM	Quantitate all compounds in all samples			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 12:19:38 PM	Set SampleApproved = True for sample 10MAR24.D; previous value = False			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 12:24:06 PM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	3/15/2022 12:25:58 PM	Start method editing			✓	
CmdImportMethodFromFile	BL2000\mchavez	3/15/2022 12:25:59 PM	Import method from file \\MASSHUNTER\Org\Data\Methods\Quant\VOA5975C\VOA5975C_030822_CAL\VOA5975C_8260B_SHT_DoD_030822.m			✓	
CmdApplyMethodToAllSamples	BL2000\mchavez	3/15/2022 12:26:12 PM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/15/2022 12:26:12 PM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/15/2022 12:26:12 PM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/15/2022 12:26:33 PM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/15/2022 12:29:02 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/15/2022 1:37:44 PM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdClearManualIntegration	BL2000\mchavez	3/15/2022 1:38:19 PM	Clear manual integration of target signal for compound Toluene in sample 10MAR20.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)

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 1:38:24 PM	Manually integrate compound Toluene in sample 10MAR20.D from x, y = 8.363, 0 to 8.405, 0; result = 1077			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 1:38:29 PM	Zero out primary peak of compound Toluene in sample 10MAR20.D			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 1:38:56 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Benzene for sample 10MAR20.D; previous value = Quantitation did not agree with area counts due to quadratic curve fit for Toluene			✓	
CmdSetSampleAttribute	BL2000\mchavez	3/15/2022 1:39:12 PM	Set UserDefined = Qualifier ratio did not meet method criteria for Toluene for sample 10MAR20.D; previous value = Qualifier ratio did not meet method criteria for Benzene			✓	
CmdManuallyIntegratePeak	BL2000\mchavez	3/15/2022 1:39:17 PM	Manually integrate compound Toluene in sample 10MAR20.D, from x, y = 8.363, 0 to 8.405, 0, result = 1077; previous integration is from x, y = 8.388, 0 to 8.388, 0 and previous response = 0.			✓	
CmdZeroOutPeak	BL2000\mchavez	3/15/2022 1:39:20 PM	Zero out primary peak of compound Toluene in sample 10MAR20.D			✓	
CmdSaveBatchTable	BL2000\mchavez	3/15/2022 1:51:45 PM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
CmdOpenBatchTable	BL2000\mchavez	3/30/2022 10:52:43 AM	Open batch D:\Org\Data\VOA5975C\VG031022\VG031022_8260B.batch.bin			✓	
CmdQuantitate	BL2000\mchavez	3/30/2022 10:57:48 AM	Quantitate all compounds in all samples			✓	

# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdCalibrate	BL2000\mchavez	3/30/2022 10:58:02 AM	Replace level QC with QC sample 10MAR04.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, Dichlorodifluoromethane, Chloromethane}; Replace level CC with CC sample 10MAR03.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,			✓	

# Audit Trail report

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, Dichlorodifluoromethane, Chloromethane};				
CmdQuantitate	BL2000\mchavez	3/30/2022 10:58:20 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/30/2022 10:58:37 AM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/30/2022 10:59:32 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG031022\QuantReports\VG031022_8260B			✓	
CmdCalibrate	BL2000\mchavez	3/30/2022 11:00:17 AM	Replace level CC with CC sample 10MAR24.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, Dichlorodifluoromethane, Chloromethane};			✓	



# Audit Trail report

Name	User	Time	Action	Reason	Comment	Succeed	Exception
CmdQuantitate	BL2000\mchavez	3/30/2022 11:00:35 AM	Quantitate all compounds in all samples			✓	
CmdStartMethodEditing	BL2000\mchavez	3/30/2022 11:02:33 AM	Start method editing			✓	
CmdImportMethodFrom Sample	BL2000\mchavez	3/30/2022 11:02:33 AM	Import method from sample 10MAR24.D			✓	
CmdApplyMethodToAll Samples	BL2000\mchavez	3/30/2022 11:02:47 AM	Apply method to all samples			✓	
CmdMethodClear	BL2000\mchavez	3/30/2022 11:02:47 AM	Clear method			✓	
CmdEndMethodEditing	BL2000\mchavez	3/30/2022 11:02:48 AM	End method editing			✓	
CmdQuantitate	BL2000\mchavez	3/30/2022 11:03:07 AM	Quantitate all compounds in all samples			✓	
CmdSaveBatchTable	BL2000\mchavez	3/30/2022 11:03:22 AM	Save batch D:\Org\Data\VOA5975C\VG031022\QuantResults\VG031022_8260B.batch.bin			✓	
GenerateReport	BL2000\mchavez	3/30/2022 11:03:59 AM	Generates report - Method: \\MASSHUNTER\Org\reports\LevelIV_Reports\SampleSequence\CC_mid_rpt.m, Output Path: D:\Org\Data\VOA5975C\VG031022\QuantReports\VG031022_8260B-1			✓	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF0313

**Standard Name:** Liquids

**Prep Date:** 6/23/2020

**Exp Date:** 4/13/2023

**Department:** gcmsvoa

**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 Cl. MSC 01/14/2022

**Type:** Primary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organic Compounds - Liquids	<u>12797</u>	1	mL	4/13/2023

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF0352

**Spike Name:** 2nd Source Liquids

**Prep Date:** 11/23/2020

**Exp Date:** 12/31/2023

**Department:** gcmsvoa

**Vendor:** Agilent

**Lot Number:** 0006570990

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

**Type:** Primary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
VOC Standard	<u>13292</u>	1	mL	12/31/2023

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF0373

**Standard Name:** MtBE (Methy tert-Butyl Ether)

**Prep Date:** 2/26/2021

**Exp Date:** 8/31/2022

**Department:** gcmsvoa

**Vendor:** Agilent

**Lot Number:** 0006555762

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # STS-440

**Type:** Primary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methyl tert-Butyl Ether Standard	13578	1	mL	8/31/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF0401

**Spike Name:** 2nd Source MtBE

**Prep Date:** 6/7/2021

**Exp Date:** 12/11/2029

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 220051182

**Balance ID:**

**Comments:** Date Prepared is same as Date Receive. 2,000 ug/mL in MeOH. Catalog # S-078-10X.

**Type:** Primary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
MTBE	13920	1	mL	12/11/2029

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF0425

**Standard Name:** Internals

**Prep Date:** 9/8/2021

**Exp Date:** 12/31/2022

**Department:** gcmsvoa

**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.

**Type:** Primary

**Prep By:** Jerran D. Brenden

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Internal Standard	<u>14251</u>	1	mL	12/31/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF0426

**Spike Name:** Surrogates 2.0 mg/mL

**Prep Date:** 9/14/2021

**Exp Date:** 4/18/2029

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 219041458

**Balance ID:**

**Comments:** Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

**Type:** Primary

**Prep By:** Jerran D. Brenden

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Surrogate Standard Mix	<u>14269</u>	1	mL	4/18/2029

Stock Source	Base Units	Amount Added
VOCF0426	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF0427

**Standard Name:** Gases

**Prep Date:** 9/17/2021

**Exp Date:** 8/3/2024

**Department:** gcmsvoa

**Vendor:** Absolute

**Lot Number:** 080321

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2,000 ug/mL in MeOH. Catalog # 30058.

**Type:** Primary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
EPA Method 502-524 - Volatile Gases Mix #1	<u>14285</u>	1	mL	8/3/2024

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	





# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF0434

**Standard Name:** Ketones

**Prep Date:** 10/26/2021

**Exp Date:** 6/30/2023

**Department:** gcmsvoa

**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.

**Type:** Primary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	<u>14443</u>	1	mL	6/30/2023

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF0440

**Standard Name:** 2nd Source High Concentration Ketones

**Prep Date:** 12/3/2021

**Exp Date:** 1/1/2023

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 221111486

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 20,000 ug/mL in Methanol. Catalog # CLP-022K-100X.

**Type:** Primary

**Prep By:** Melissa Chavez

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	<u>14585</u>	1	mL	1/1/2023

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF0451

**Spike Name:** Chem Service Gases

**Prep Date:** 1/18/2022

**Exp Date:** 6/30/2022

**Department:** gcmsvoa

**Vendor:** Chemservice

**Lot Number:** 12380600

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # M-VOHC6M5-1ML

**Type:** Primary

**Prep By:** Melissa Chavez

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organics High Concentration Mixture #6	<u>14783</u>	1	mL	6/30/2022

Stock Source	Base Units	Amount Added
VOCF0451	ug/mL	



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF3563

**Standard Name:** Internals

**Prep Date:** 1/3/2022

**Exp Date:** 7/3/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.05 ug/uL.

**Type:** Secondary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 50 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	<u>14519</u>	49	mL	7/3/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF3567B

**Spike Name:** 2nd Source Ketones

**Prep Date:** 1/12/2022

**Exp Date:** 3/12/2022

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 221111486

**Balance ID:**

**Comments:** 2.0 ug/uL in 90:10 MeOH:H2O

**Type:** Secondary

**Prep By:** Melissa Chavez

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	<u>14519</u>	9	mL	3/12/2022

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF3579B

**Spike Name:** 2nd Source Liquids

**Type:** Secondary

**Prep Date:** 1/28/2022

**Prep By:** Steve Dilts

**Exp Date:** 3/28/2022

**Status:** Open

**Department:** gcmsvoa

**Vendor:**

**Final Volume:** 10 mL

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.2ug/uL.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	<u>14334</u>	9	mL	3/28/2022

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF3582B

**Spike Name:** 2nd Source MtBE

**Prep Date:** 1/31/2022

**Exp Date:** 3/31/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.2 ug/uL

**Type:** Secondary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	<u>14746</u>	9	mL	3/31/2022

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF3590

**Spike Name:** Internal Standard / Surrogates (INT/SURR)

**Type:** Secondary

**Prep Date:** 2/3/2022

**Prep By:** Jerran D. Brenden

**Exp Date:** 8/3/2022

**Status:** New

**Department:** gcmsvoa

**Vendor:**

**Final Volume:** 50 mL

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.05 ug/uL in MeOH.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	<u>14519</u>	47.75	mL	8/3/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	1 mL
VOCF0426	ug/mL	1.25 mL





# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOFC3591

**Standard Name:** Calibration Surrogates

**Prep Date:** 2/3/2022

**Exp Date:** 8/3/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.2 ug/uL in MeOH

**Type:** Secondary

**Prep By:** Jerran D. Brenden

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	<u>14519</u>	4.5	mL	8/3/2022

Stock Source	Base Units	Amount Added
VOCF0426	ug/mL	0.5 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOFC3599A

**Standard Name:** Liquids

**Prep Date:** 2/14/2022

**Exp Date:** 3/14/2022

**Department:** GCMSVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

**Type:** Secondary

**Prep By:** Alethea M. Shaules

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	14746	9	mL	3/14/2022

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOFC3606

**Standard Name:** Ketones

**Prep Date:** 2/25/2022

**Exp Date:** 3/25/2022

**Department:** gcmsvoa

**Vendor:** Chem Service

**Lot Number:** 10251200

**Balance ID:**

**Comments:** Vial Opened For Use . 2.0 ug/uL in 90:10 MeOH:H2O.

**Type:** Primary

**Prep By:** Melissa Chavez

**Status:**

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	<u>14443</u>	1	mL	3/25/2022

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF3607A

**Standard Name:** MtBE

**Prep Date:** 2/28/2022

**Exp Date:** 3/30/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.2 ug/uL.

**Type:** Secondary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	<u>14334</u>	9	mL	3/30/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Standard ID:** VOCF3616A

**Standard Name:** Gases

**Prep Date:** 3/2/2022

**Exp Date:** 3/9/2022

**Department:** GCMSVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL

**Type:** Secondary

**Prep By:** Alethea M. Shaules

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	<u>14746</u>	9	mL	3/9/2022

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220308A Standards Traceability Report

**Spike ID:** VOCF3617A

**Spike Name:** 2nd Source Gases

**Prep Date:** 3/5/2022

**Exp Date:** 3/12/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

**Type:** Secondary

**Prep By:** Melissa Chavez

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	14746	9	mL	3/12/2022

Stock Source	Base Units	Amount Added
VOCF0451	ug/mL	1 mL

# 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

**Date Certified:** Apr 13, 2020  
**Expiration:** Apr 13, 2023  
**Sample Size:** 1 mL  
**Components:** 54  
**Storage Condition:** Refrig (0-5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration* (µg/mL)	Certified Analyte Concentration* (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

# 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 - <i>continued</i>	CAS #	Purity %	Prepared Concentration <sup>2</sup>	Certified Analyte Concentration <sup>1</sup>
		(GC/MS)	(µg/mL)	(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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

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



# 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

# Certificate of Analysis

<b>Product Number:</b>	DWM-589N-1	<b>Lot Number:</b>	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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 4

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# 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.



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: 3 of 4

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



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](http://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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 4 of 4

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937

# 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](http://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

ISO 17034 Cert  
No. AR-1936RM 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/](http://www.agilent.com/quality/)  
CSD-QA-015.1ISO 17025 Cert  
No. AT-1937

# CERTIFICATE OF ANALYSIS

**Catalog No:** S-078-10X  
**Description:** MtBE  
**Lot:** 220051182  
**Solvent:** Methanol  
**Hazards:** Refer to SDS for complete safety information

**Date Certified:** May 18, 2020  
**Expiration:** May 18, 2030  
**Sample Size:** 1 mL  
**Components:** 1  
**Storage Condition:** Ambient (>5 °C)



Signal Word: **Danger**

## Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager



# Certificate of Analysis

ID #: 14251

Opened: \_\_\_\_\_

Internal Standard

Expires: 12/31/2022

Rec'd: 9/8/2021

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

**Product Name:** Internal Standard

**Product Number:** STM-520-1

**Lot Issue Date:** 05-Jan-2021

**Lot Number:** 0006582580

**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/NCCL 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](http://www.agilent.com) for information regarding this RM.



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/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# 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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# 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

**Date Certified:** Apr 18, 2019

**Expiration:** Apr 18, 2029

**Sample Size:** 1 mL

**Components:** 4

**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

## Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

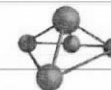
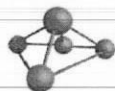
The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager



**CERTIFIED WEIGHT REPORT**

**Part Number:** 30058  
**Lot Number:** 080321  
**Description:** EPA Method 502/524 - Volatile Gases Mix #1

**Expiration Date:** 080324

**Recommended Storage:** Freezer (0 °C)

**Nominal Concentration (µg/mL):** 2000

**NIST Test ID#:** 6UTB

**Solvent:** Methanol  
**Lot#:** EA783-US

Weight(s) shown below were combined and diluted to (mL):  
500.0 0.058 Balance Uncertainty  
0.058 Flask Uncertainty

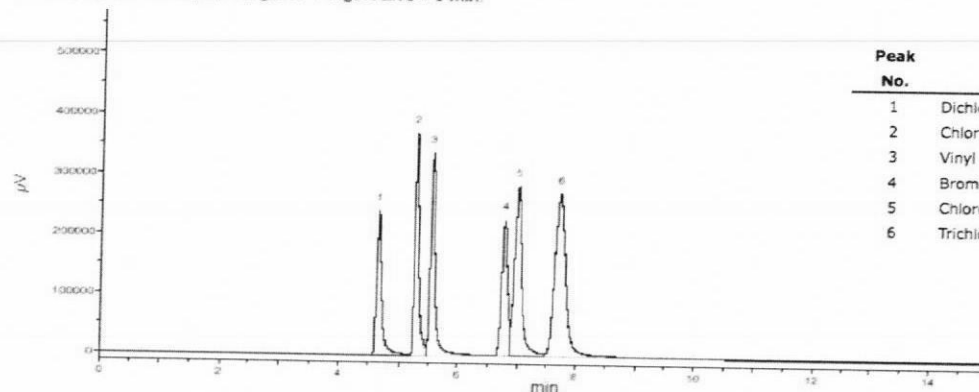
		080321
Formulated By:	Mario Luis	DATE
		080321
Reviewed By:	Pedro L. Rentas	DATE

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)	ori-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	ori-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-Vocool 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.



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

**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

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](mailto:info@chemservice.com) • [www.chemservice.com](http://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.



COA Form  
Revision 3 (3/2015)

Print Date: 10/22/21

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://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.

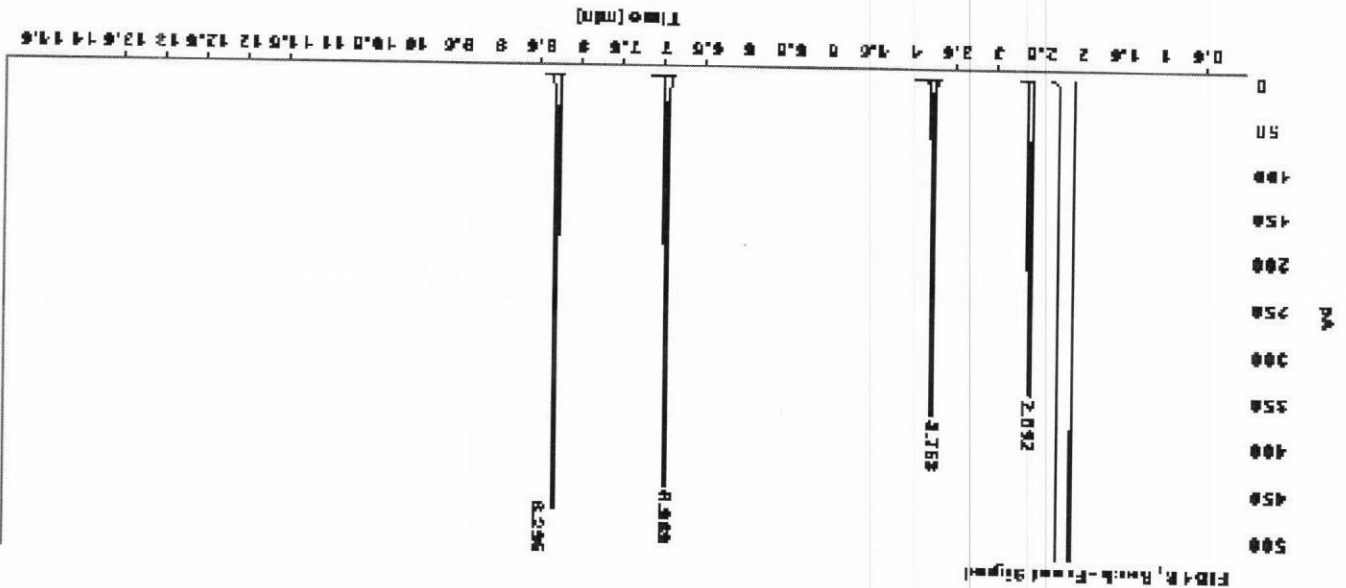


660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
 1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

## CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM321\DATA\2020 DATA\0620M-TCL1AN5.D  
 Sample name: M-TCL1AN5  
 Acq. method: N-14278.M  
 Instrument: GC3  
 Injection date: 6/16/2020 2:52:35 PM  
 Column name: RTX-5MS (30m x 0.25mm x 0.5µm)  
 Location: 202  
 Injection Vol: 1.000  
 # Of Injections: 1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
2.592	BB	0.0277	580.2505	343.4986	18.4655
3.763	BB	0.0323	735.4804	387.8491	23.4054
6.969	BB	0.0326	904.3389	447.8770	28.7791
8.295	BB	0.0307	822.2798	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.



# CERTIFICATE OF ANALYSIS

**Catalog No:** CLP-022K-100X

**Description:** TCL Ketone Mix

**Lot:** 221111486

**Solvent:** Methanol

**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Dec 1, 2021

**Expiration:** Jan 1, 2023

**Sample Size:** 1 mL

**Components:** 4

**Storage Condition:** Freeze (<-10 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity %	Prepared Concentration <sup>2</sup>	Certified Analyte Concentration <sup>1</sup>
		(GC/MS)	(mg/mL)	(mg/mL)
Acetone	67-64-1	100.0	20.01	20.01
Methyl ethyl ketone	78-93-3	100.0	20.01	20.01
2-Hexanone	591-78-6	98.7	20.01	19.75
4-Methyl-2-pentanone	108-10-1	100.0	20.01	20.01

**ID #: 14585**

Opened: \_\_\_\_\_

TCL Ketone Mix

**Expires: 1/1/2023**

Rec'd: 12/3/2021

Energx 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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager

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](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

## CERTIFICATE OF ANALYSIS

### Volatile Organics High Concentration Mixture #6

CONCENTRATION 2000ug/ml in Methanol  
CATALOG NUMBER M-VOHC6M5-1ML  
LOT NUMBER 12380600  
DATE CERTIFIED 09/16/21  
EXPIRATION DATE 06/30/22  
STORAGE Store at room temperature (20 - 25 °C).  
HANDLING See Safety Data Sheet  
INTENDED USE For laboratory use only.  
ISO 17034:2016 CERTIFIED [ ]

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11446	Chloroethane	75-00-3	94.180	00001728	100.0	1962.1
N-11665	Dichlorodifluoromethane	75-71-8	98.430	00001729	100.0	2050.6
N-12417	Methyl bromide	74-83-9	99.040	00024694	100.0	2063.3
N-12421	Methyl chloride	74-87-3	97.970	00001731	100.0	2041.0
N-13655	Trichlorofluoromethane	75-69-4	98.890	00027239	99.4	2047.8
N-13748	Vinyl chloride	75-01-4	97.820	00019298	100.0	2037.9

Analytical Test	Value
CONCENTRATION (GC/MSD)	VERIFIED

ID #: 14783

Opened:

Volatile Organics High Concentration Mixture

Expires: 6/30/2022

Rec'd: 1/18/2022

Eneray Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



COA Form  
Revision 3 (3/2015)

Print Date: 01/11/22

# CHEM SERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://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.



FJLA  
Testing



FJLA  
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](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

## CERTIFICATE OF ANALYSIS

### Analysis Method:

Catalog Number: M-VOHC6M5-1ML  
Description: Volatile Organics High Concentration Mixture #6  
Lot Number: 12380600  
Expiration Date: 06/30/22

Chem Service Inc Area Percent Report

Data File: D:\msdchem\2021 DATA\0921\091621\M-VOHC6M5\_DIL-1.D  
Acq On : 16 Sep 2021 10:30  
Operator :  
Sample : M-VOHC6M5  
Misc :  
ALS Vial : 1

Integration Parameters: autoint1.e  
Integrator: ChemStation

DataAcq Meth:M-VOHC6M5.M  
Method : D:\msdchem\2021 DATA\0321\S-11399U1-01.D\S-11399U1.M

Signal : TIC: M-VOHC6M5\_DIL-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.856	167	171	174	BV	43179	602007	42.31%	12.962%
2	1.920	174	177	180	VV	58068	833942	58.61%	17.956%
3	1.978	180	183	187	VB	14247	178408	12.54%	3.841%
4	2.134	193	198	201	BV	50234	799854	56.22%	17.222%
5	2.204	201	204	210	VB	53542	807271	56.74%	17.382%
6	2.455	224	228	239	BB	90821	1422800	100.00%	30.636%

Sum of corrected areas: 4644281

S-11399U1.M Thu Sep 16 11:46:52 2021

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



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](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

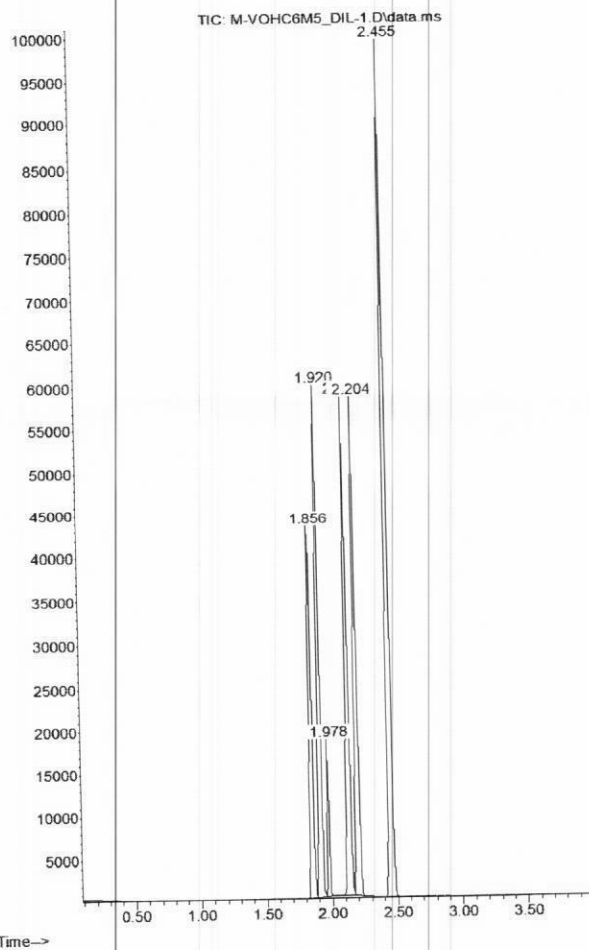
## CERTIFICATE OF ANALYSIS

### Analysis Method:

Catalog Number:  
Description:  
Lot Number:  
Expiration Date:

M-VOHC6M5-1ML  
Volatile Organics High Concentration Mixture #6  
12380600  
06/30/22

Abundance



Chem Service, Inc. is accredited to ISO 17024:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.





# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF0313

**Standard Name:** Liquids

**Prep Date:** 6/23/2020

**Exp Date:** 4/13/2023

**Department:** gcmsvoa

**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 Cl. MSC 01/14/2022

**Type:** Primary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organic Compounds - Liquids	<u>12797</u>	1	mL	4/13/2023

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF0352

**Spike Name:** 2nd Source Liquids

**Prep Date:** 11/23/2020

**Exp Date:** 12/31/2023

**Department:** gcmsvoa

**Vendor:** Agilent

**Lot Number:** 0006570990

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # DWM-589N-1.

**Type:** Primary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
VOC Standard	<u>13292</u>	1	mL	12/31/2023

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF0373

**Standard Name:** MtBE (Methy tert-Butyl Ether)

**Prep Date:** 2/26/2021

**Exp Date:** 8/31/2022

**Department:** gcmsvoa

**Vendor:** Agilent

**Lot Number:** 0006555762

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # STS-440

**Type:** Primary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methyl tert-Butyl Ether Standard	13578	1	mL	8/31/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF0401

**Spike Name:** 2nd Source MtBE

**Prep Date:** 6/7/2021

**Exp Date:** 12/11/2029

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 220051182

**Balance ID:**

**Comments:** Date Prepared is same as Date Receive. 2,000 ug/mL in MeOH. Catalog # S-078-10X.

**Type:** Primary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
MTBE	13920	1	mL	12/11/2029

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF0425

**Standard Name:** Internals

**Prep Date:** 9/8/2021

**Exp Date:** 12/31/2022

**Department:** gcmsvoa

**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.

**Type:** Primary

**Prep By:** Jerran D. Brenden

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Internal Standard	<u>14251</u>	1	mL	12/31/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF0426

**Spike Name:** Surrogates 2.0 mg/mL

**Prep Date:** 9/14/2021

**Exp Date:** 4/18/2029

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 219041458

**Balance ID:**

**Comments:** Date Received 01/04/2021. 2.0 mg/mL. Catalog # M-8260A-B-SS-10X

**Type:** Primary

**Prep By:** Jerran D. Brenden

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Surrogate Standard Mix	14269	1	mL	4/18/2029

Stock Source	Base Units	Amount Added
VOCF0426	ug/mL	





# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF0427

**Standard Name:** Gases

**Prep Date:** 9/17/2021

**Exp Date:** 8/3/2024

**Department:** gcmsvoa

**Vendor:** Absolute

**Lot Number:** 080321

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2,000 ug/mL in MeOH. Catalog # 30058.

**Type:** Primary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
EPA Method 502-524 - Volatile Gases Mix #1	<u>14285</u>	1	mL	8/3/2024

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF0434

**Standard Name:** Ketones

**Prep Date:** 10/26/2021

**Exp Date:** 6/30/2023

**Department:** gcmsvoa

**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.

**Type:** Primary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	<u>14443</u>	1	mL	6/30/2023

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF0440

**Standard Name:** 2nd Source High Concentration Ketones

**Prep Date:** 12/3/2021

**Exp Date:** 1/1/2023

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 221111486

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 20,000 ug/mL in Methanol. Catalog # CLP-022K-100X.

**Type:** Primary

**Prep By:** Melissa Chavez

**Status:** New

**Final Volume:** 5 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	<u>14585</u>	1	mL	1/1/2023

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF0451

**Spike Name:** Chem Service Gases

**Prep Date:** 1/18/2022

**Exp Date:** 6/30/2022

**Department:** gcmsvoa

**Vendor:** Chemservice

**Lot Number:** 12380600

**Balance ID:**

**Comments:** Date Prepared is same as Date Received. 2000 ug/mL in MeOH. Catalog # M-VOHC6M5-1ML

**Type:** Primary

**Prep By:** Melissa Chavez

**Status:** New

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Volatile Organics High Concentration Mixture #6	<u>14783</u>	1	mL	6/30/2022

Stock Source	Base Units	Amount Added
VOCF0451	ug/mL	



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF3567B

**Spike Name:** 2nd Source Ketones

**Prep Date:** 1/12/2022

**Exp Date:** 3/12/2022

**Department:** gcmsvoa

**Vendor:** AccuStandard

**Lot Number:** 221111486

**Balance ID:**

**Comments:** 2.0 ug/uL in 90:10 MeOH:H2O

**Type:** Secondary

**Prep By:** Melissa Chavez

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	<u>14519</u>	9	mL	3/12/2022

Stock Source	Base Units	Amount Added
VOCF0440	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF3579B

**Spike Name:** 2nd Source Liquids

**Type:** Secondary

**Prep Date:** 1/28/2022

**Prep By:** Steve Dilts

**Exp Date:** 3/28/2022

**Status:** Open

**Department:** gcmsvoa

**Vendor:**

**Final Volume:** 10 mL

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.2ug/uL.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	<u>14334</u>	9	mL	3/28/2022

Stock Source	Base Units	Amount Added
VOCF0352	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF3582B

**Spike Name:** 2nd Source MtBE

**Prep Date:** 1/31/2022

**Exp Date:** 3/31/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.2 ug/uL

**Type:** Secondary

**Prep By:** Alethea M. Shaules

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	<u>14746</u>	9	mL	3/31/2022

Stock Source	Base Units	Amount Added
VOCF0401	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF3590

**Spike Name:** Internal Standard / Surrogates (INT/SURR)

**Type:** Secondary

**Prep Date:** 2/3/2022

**Prep By:** Jerran D. Brenden

**Exp Date:** 8/3/2022

**Status:** New

**Department:** gcmsvoa

**Vendor:**

**Final Volume:** 50 mL

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.05 ug/uL in MeOH.

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap EB373	<u>14519</u>	47.75	mL	8/3/2022

Stock Source	Base Units	Amount Added
VOCF0425	ug/mL	1 mL
VOCF0426	ug/mL	1.25 mL





# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VO CF3599A

**Standard Name:** Liquids

**Prep Date:** 2/14/2022

**Exp Date:** 3/14/2022

**Department:** GCMSVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

**Type:** Secondary

**Prep By:** Alethea M. Shaules

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	<u>14746</u>	9	mL	3/14/2022

Stock Source	Base Units	Amount Added
VOCF0313	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOFC3606

**Standard Name:** Ketones

**Prep Date:** 2/25/2022

**Exp Date:** 3/25/2022

**Department:** gcmsvoa

**Vendor:** Chem Service

**Lot Number:** 10251200

**Balance ID:**

**Comments:** Vial Opened For Use . 2.0 ug/uL in 90:10 MeOH:H2O.

**Type:** Primary

**Prep By:** Melissa Chavez

**Status:**

**Final Volume:** 1 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
TCL Ketone Mix	<u>14443</u>	1	mL	3/25/2022

Stock Source	Base Units	Amount Added
VOCF0434	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF3607A

**Standard Name:** MtBE

**Prep Date:** 2/28/2022

**Exp Date:** 3/30/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** Final Concentration 0.2 ug/uL.

**Type:** Secondary

**Prep By:** Steve Dilts

**Status:** New

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB199-US	<u>14334</u>	9	mL	3/30/2022

Stock Source	Base Units	Amount Added
VOCF0373	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Standard ID:** VOCF3616B

**Standard Name:** Gases

**Prep Date:** 3/2/2022

**Exp Date:** 3/16/2022

**Department:** GCMSVOA

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL

**Type:** Secondary

**Prep By:** Alethea M. Shaules

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	<u>14746</u>	9	mL	3/16/2022

Stock Source	Base Units	Amount Added
VOCF0427	ug/mL	1 mL



# Analytical RunID VOA5975C.I\_220310A Standards Traceability Report

**Spike ID:** VOCF3617A

**Spike Name:** 2nd Source Gases

**Prep Date:** 3/5/2022

**Exp Date:** 3/12/2022

**Department:** gcmsvoa

**Vendor:**

**Lot Number:**

**Balance ID:**

**Comments:** 1.0 ml/10 ml final volume. Final Concentration 0.2 ug/uL.

**Type:** Secondary

**Prep By:** Melissa Chavez

**Status:**

**Final Volume:** 10 mL

Chemical/Solvent Used	Bottle No	Amt	Units	Expires
Methanol, Purge and Trap - EB679	<u>14746</u>	9	mL	3/12/2022

Stock Source	Base Units	Amount Added
VOCF0451	ug/mL	1 mL

# 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

**Date Certified:** Apr 13, 2020  
**Expiration:** Apr 13, 2023  
**Sample Size:** 1 mL  
**Components:** 54  
**Storage Condition:** Refrig (0-5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (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
1,1,1,2-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

# 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 - <i>continued</i>	CAS #	Purity %	Prepared Concentration <sup>2</sup>	Certified Analyte Concentration <sup>1</sup>
		(GC/MS)	(µg/mL)	(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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

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

# 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



# Certificate of Analysis

<b>Product Number:</b>	DWM-589N-1	<b>Lot Number:</b>	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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 4

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# 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/NCCL 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.



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: 3 of 4

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



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](http://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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 4 of 4

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937

# 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:**

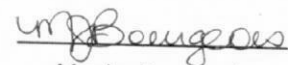
Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

**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

ISO 17034 Cert  
No. AR-1936RM 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/](http://www.agilent.com/quality/)  
CSD-QA-015.1ISO 17025 Cert  
No. AT-1937

# CERTIFICATE OF ANALYSIS

Catalog No: S-078-10X

Description: MtBE

Lot: 220051182

Solvent: Methanol

Hazards: Refer to SDS for complete safety information

Date Certified: May 18, 2020

Expiration: May 18, 2030

Sample Size: 1 mL

Components: 1

Storage Condition: Ambient (>5 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity % (GC/MS)	Prepared Concentration <sup>2</sup> (µg/mL)	Certified Analyte Concentration <sup>1</sup> (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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager



# Certificate of Analysis

ID #: 14251

Opened: \_\_\_\_\_

Internal Standard

Expires: 12/31/2022

Rec'd: 9/8/2021

Energy Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

**Product Name:** Internal Standard

**Product Number:** STM-520-1

**Lot Issue Date:** 05-Jan-2021

**Lot Number:** 0006582580

**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/NCCL 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](http://www.agilent.com) for information regarding this RM.



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/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# 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



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937

# 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

**Date Certified:** Apr 18, 2019

**Expiration:** Apr 18, 2029

**Sample Size:** 1 mL

**Components:** 4

**Storage Condition:** Ambient (>5 °C)



Signal Word: Danger

## Certified Reference Material



Component	CAS #	Purity %	Prepared Concentration <sup>2</sup>	Certified Analyte Concentration <sup>1</sup>
		(GC/MS)	(µg/mL)	(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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

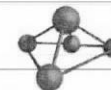
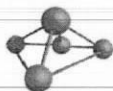
Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager





**CERTIFIED WEIGHT REPORT**

**Part Number:** 30058  
**Lot Number:** 080321  
**Description:** EPA Method 502/524 - Volatile Gases Mix #1

**Expiration Date:** 080324

**Recommended Storage:** Freezer (0 °C)

**Nominal Concentration (µg/mL):** 2000

**NIST Test ID#:** 6UTB

**Solvent:** Methanol  
**Lot#:** EA783-US

Weight(s) shown below were combined and diluted to (mL): 500.0  
0.058 Balance Uncertainty  
0.058 Flask Uncertainty

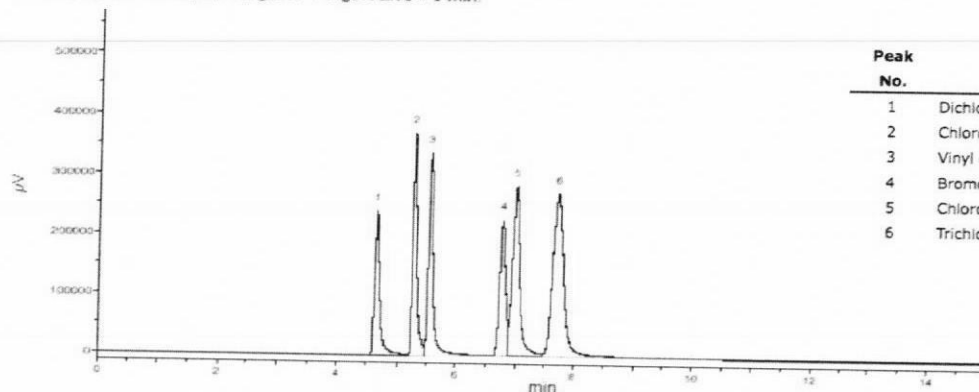
		080321
Formulated By:	Mario Luis	DATE
		080321
Reviewed By:	Pedro L. Rentas	DATE

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)	ori-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	ori-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-Vocool 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.



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

**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

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](mailto:info@chemservice.com) • [www.chemservice.com](http://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.



COA Form  
Revision 3 (3/2015)

Print Date: 10/22/21

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://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.

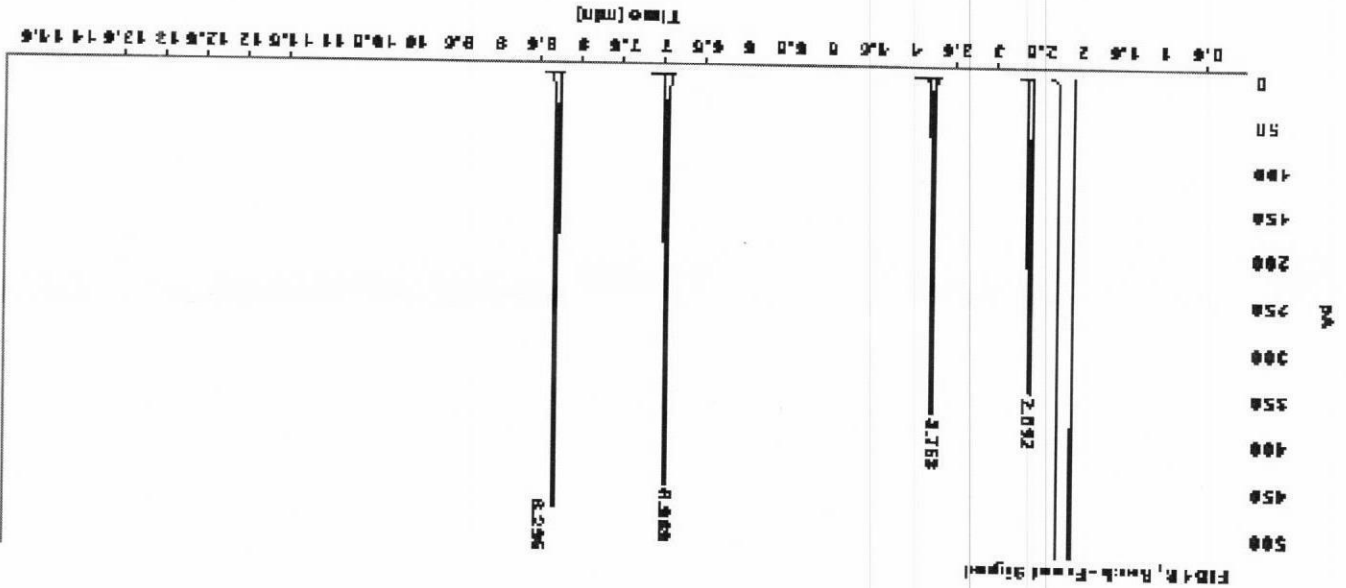


660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
 1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://www.chemservice.com)

## CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM321\DATA\2020\DATA\0620M-TCL1AN5.D  
 Sample name: M-TCL1AN5  
 Acq. method: N-14278.M  
 Instrument: GC3  
 Injection date: 6/16/2020 2:52:35 PM  
 Column name: RTX-5MS (30m x 0.25mm x 0.5µm)  
 Location: 202  
 Injection Vol: 1.000  
 # Of Injections: 1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
2.592	BB	0.0277	580.2505	343.4986	18.4655
3.763	BB	0.0323	735.4804	387.8491	23.4054
6.969	BB	0.0326	904.3389	447.8770	28.7791
8.295	BB	0.0307	822.2798	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.



# CERTIFICATE OF ANALYSIS

**Catalog No:** CLP-022K-100X  
**Description:** TCL Ketone Mix  
**Lot:** 221111486

**Solvent:** Methanol

**Hazards:** Refer to SDS for complete safety information

**Date Certified:** Dec 1, 2021  
**Expiration:** Jan 1, 2023  
**Sample Size:** 1 mL  
**Components:** 4  
**Storage Condition:** Freeze (<-10 °C)



Signal Word: Danger

Certified Reference Material



Component	CAS #	Purity %	Prepared Concentration <sup>2</sup>	Certified Analyte Concentration <sup>1</sup>
		(GC/MS)	(mg/mL)	(mg/mL)
Acetone	67-64-1	100.0	20.01	20.01
Methyl ethyl ketone	78-93-3	100.0	20.01	20.01
2-Hexanone	591-78-6	98.7	20.01	19.75
4-Methyl-2-pentanone	108-10-1	100.0	20.01	20.01

ID #: 14585

Opened: \_\_\_\_\_

TCL Ketone Mix

Expires: 1/1/2023

Rec'd: 12/3/2021

Energv 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.

<sup>2</sup> All weights are traceable through NIST, Test No. 684/289871-17

<sup>1</sup> Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is  $\pm 2.4\%$ . 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.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: \_\_\_\_\_

Larry Decker, Organic QC Manager

## CERTIFICATE OF ANALYSIS

### Volatile Organics High Concentration Mixture #6

CONCENTRATION 2000ug/ml in Methanol  
CATALOG NUMBER M-VOHC6M5-1ML  
LOT NUMBER 12380600  
DATE CERTIFIED 09/16/21  
EXPIRATION DATE 06/30/22  
STORAGE Store at room temperature (20 - 25 °C).  
HANDLING See Safety Data Sheet  
INTENDED USE For laboratory use only.  
ISO 17034:2016 CERTIFIED [ ]

ID	Analyte	CAS	Weight Analyte (mg)	Lot	Purity	Certified Concentration (ug/mL)
N-11446	Chloroethane	75-00-3	94.180	00001728	100.0	1962.1
N-11665	Dichlorodifluoromethane	75-71-8	98.430	00001729	100.0	2050.6
N-12417	Methyl bromide	74-83-9	99.040	00024694	100.0	2063.3
N-12421	Methyl chloride	74-87-3	97.970	00001731	100.0	2041.0
N-13655	Trichlorofluoromethane	75-69-4	98.890	00027239	99.4	2047.8
N-13748	Vinyl chloride	75-01-4	97.820	00019298	100.0	2037.9

Analytical Test	Value
CONCENTRATION (GC/MSD)	VERIFIED

ID #: 14783

Opened:

Volatile Organics High Concentration Mixture

Expires: 6/30/2022

Rec'd: 1/18/2022

Eneray Laboratories Inc 1120 So. 27th Street  
Billings MT 59107

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



COA Form  
Revision 3 (3/2015)

Print Date: 01/11/22

# CHEM SERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599  
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729  
[info@chemservice.com](mailto:info@chemservice.com) • [www.chemservice.com](http://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.



FJLA  
Testing



FJLA  
Reference Material  
Producer

## CERTIFICATE OF ANALYSIS

### Analysis Method:

Catalog Number: M-VOHC6M5-1ML  
Description: Volatile Organics High Concentration Mixture #6  
Lot Number: 12380600  
Expiration Date: 06/30/22

Chem Service Inc Area Percent Report

Data File: D:\msdchem\2021 DATA\0921\091621\M-VOHC6M5\_DIL-1.D  
Acq On : 16 Sep 2021 10:30  
Operator :  
Sample : M-VOHC6M5  
Misc :  
ALS Vial : 1

Integration Parameters: autoint1.e  
Integrator: ChemStation

DataAcq Meth:M-VOHC6M5.M  
Method : D:\msdchem\2021 DATA\0321\S-11399U1-01.D\S-11399U1.M

Signal : TIC: M-VOHC6M5\_DIL-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.856	167	171	174	BV	43179	602007	42.31%	12.962%
2	1.920	174	177	180	VV	58068	833942	58.61%	17.956%
3	1.978	180	183	187	VB	14247	178408	12.54%	3.841%
4	2.134	193	198	201	BV	50234	799854	56.22%	17.222%
5	2.204	201	204	210	VB	53542	807271	56.74%	17.382%
6	2.455	224	228	239	BB	90821	1422800	100.00%	30.636%

Sum of corrected areas: 4644281

S-11399U1.M Thu Sep 16 11:46:52 2021

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.





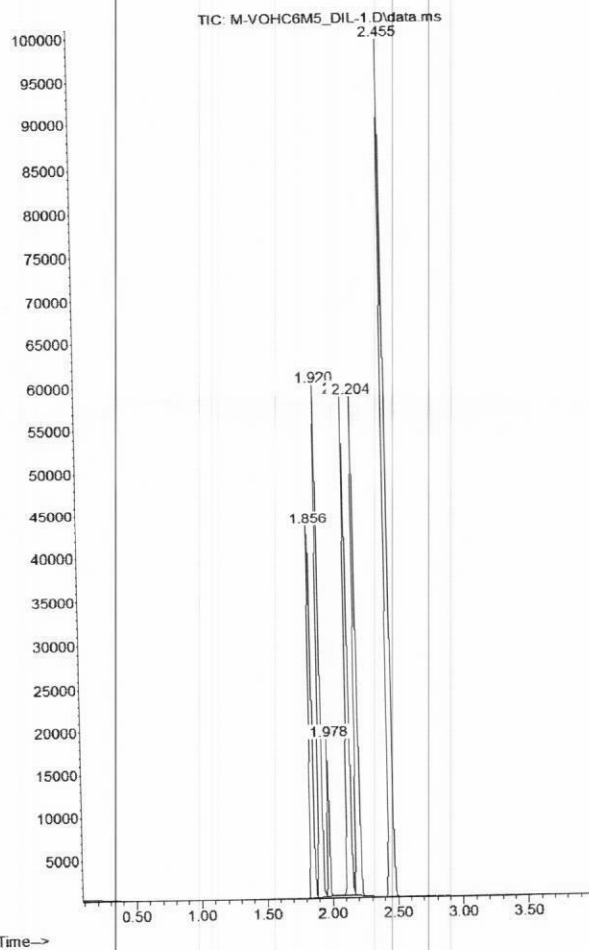
## CERTIFICATE OF ANALYSIS

### Analysis Method:

Catalog Number:  
Description:  
Lot Number:  
Expiration Date:

M-VOHC6M5-1ML  
Volatile Organics High Concentration Mixture #6  
12380600  
06/30/22

Abundance



Chem Service, Inc. is accredited to ISO 17024:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.

