Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045137.D
Acq On : 05 Mar 2025 13:13
Operator : JC/MD
Sample : Q1478-06DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Quant Time: Mar 06 01:04:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	73767	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	147372	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	131471	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49478	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	61264	52.212	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%				
35) Dibromofluoromethane	5.379	113	50279	51.022	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%				
50) Toluene-d8	8.647	98	180524	50.531	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.060%				
62) 4-Bromofluorobenzene	11.079	95	58413	49.342	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%				
Target Compounds							Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	798	0.931	ug/l		88
12) 1,1-Dichloroethene	2.306	96	314	0.346	ug/l	#	75
16) Acetone	2.386	43	3234	5.940	ug/l		98
21) trans-1,2-Dichloroethene	3.081	96	294	0.328	ug/l	#	73
27) cis-1,2-Dichloroethene	4.483	96	10658	9.641	ug/l		91
29) Tetrahydrofuran	5.038	42	2803	5.093	ug/l	#	71
44) Trichloroethene	7.123	130	32140	32.074	ug/l		94
64) Tetrachloroethene	9.281	164	646	0.767	ug/l	#	75

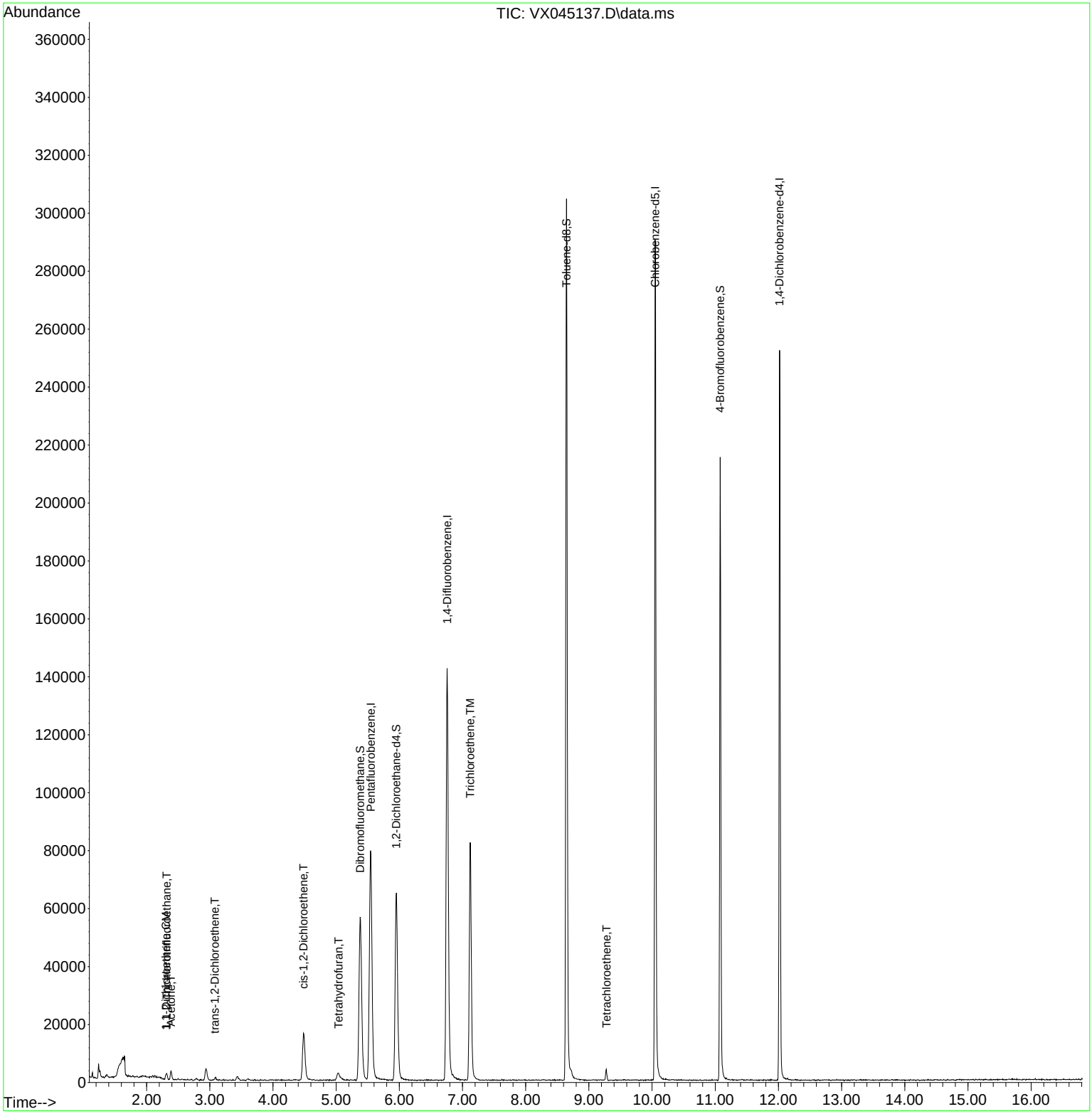
(#) = qualifier out of range (m) = manual integration (+) = signals summed

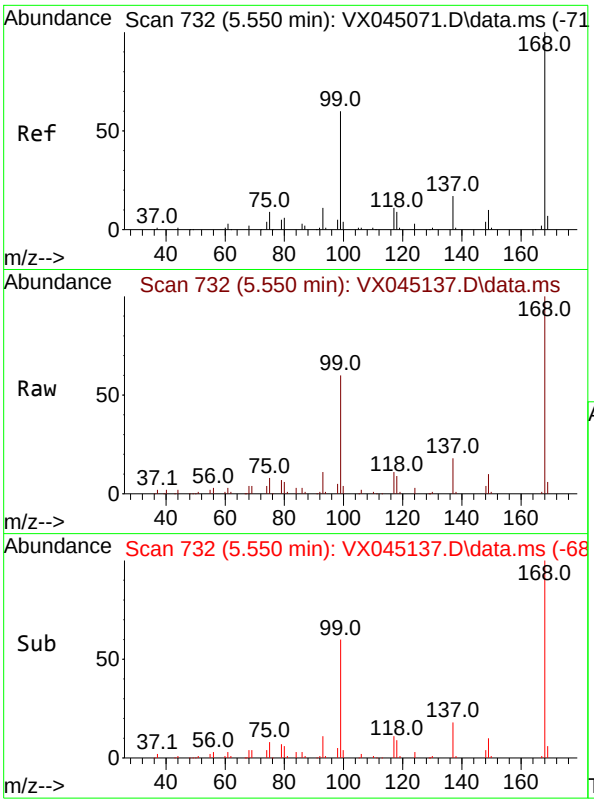
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045137.D
Acq On : 05 Mar 2025 13:13
Operator : JC/MD
Sample : Q1478-06DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Quant Time: Mar 06 01:04:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



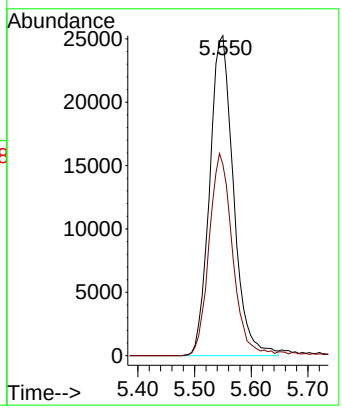


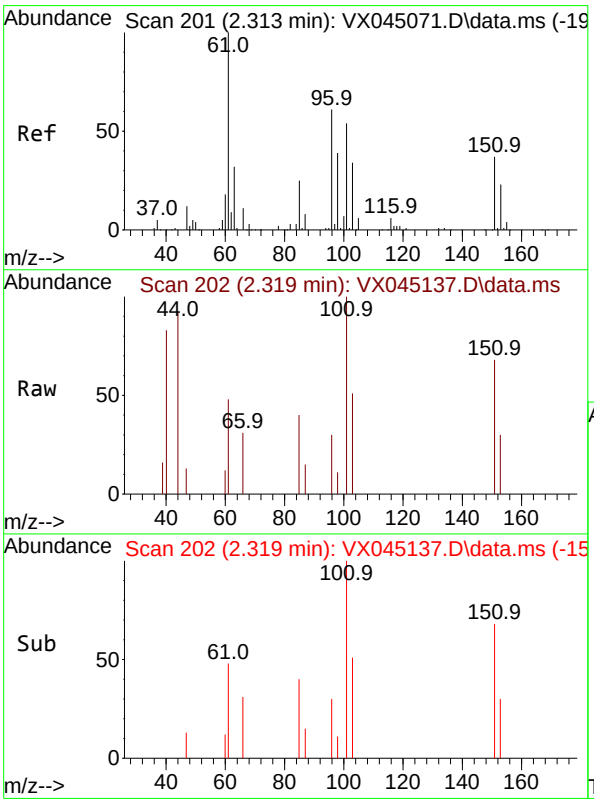
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion:168 Resp: 73767

Ion	Ratio	Lower	Upper
168	100		
99	59.8	48.2	72.4

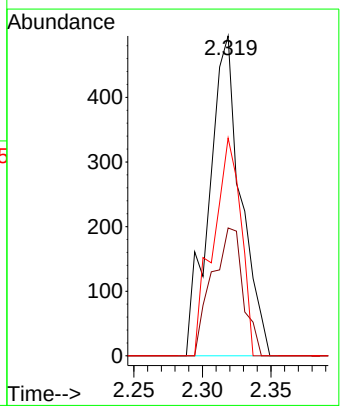


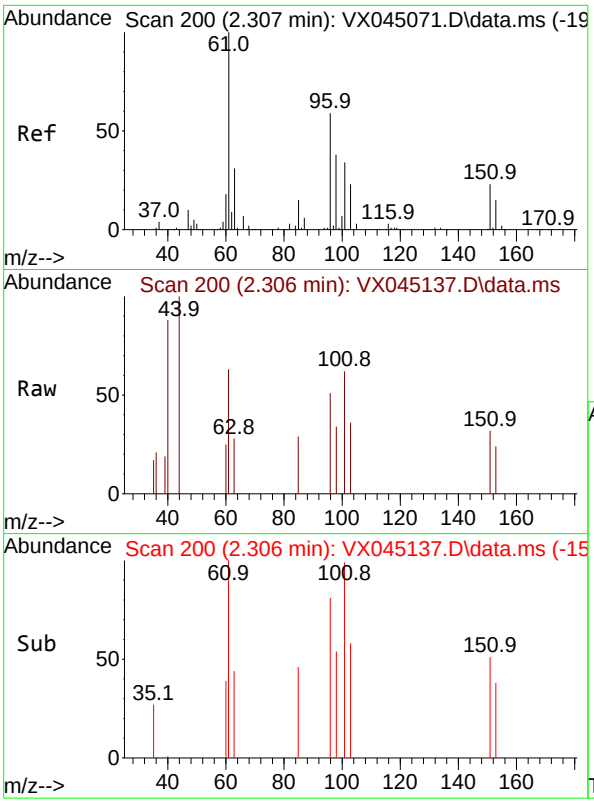


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.931 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion:101 Resp: 798

Ion	Ratio	Lower	Upper
101	100		
85	39.1	36.2	54.4
151	59.8	56.4	84.6



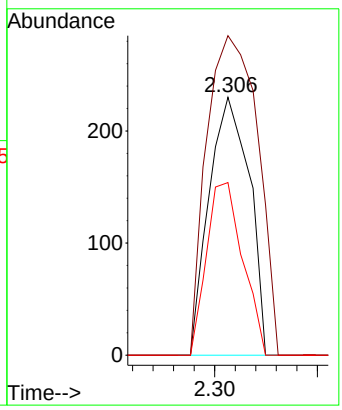


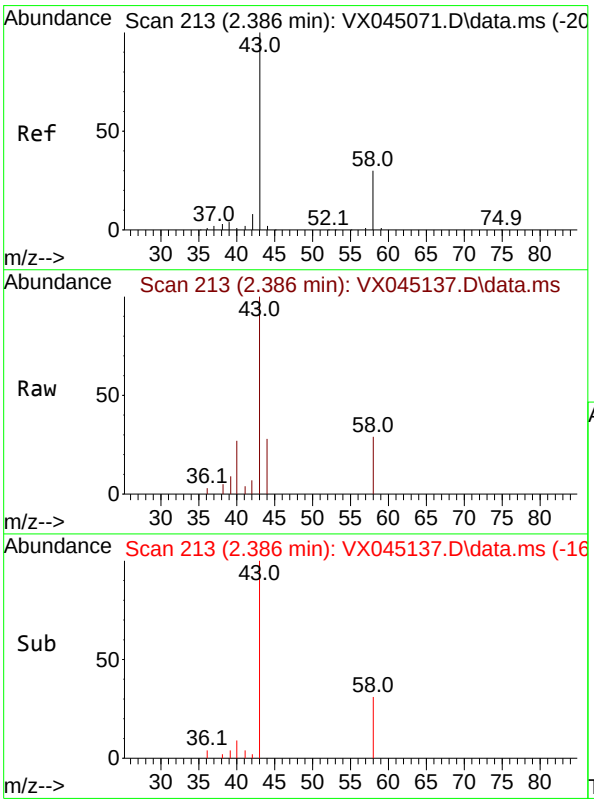
#12
1,1-Dichloroethene
Concen: 0.346 ug/l
RT: 2.306 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion: 96 Resp: 314

Ion	Ratio	Lower	Upper
96	100		
61	123.9	134.6	202.0#
98	67.0	51.0	76.6

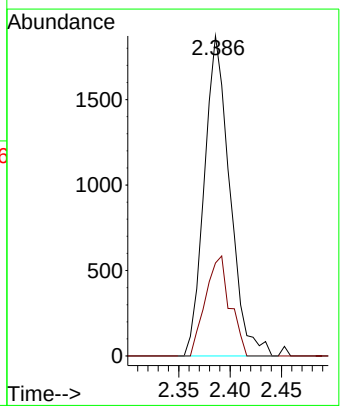


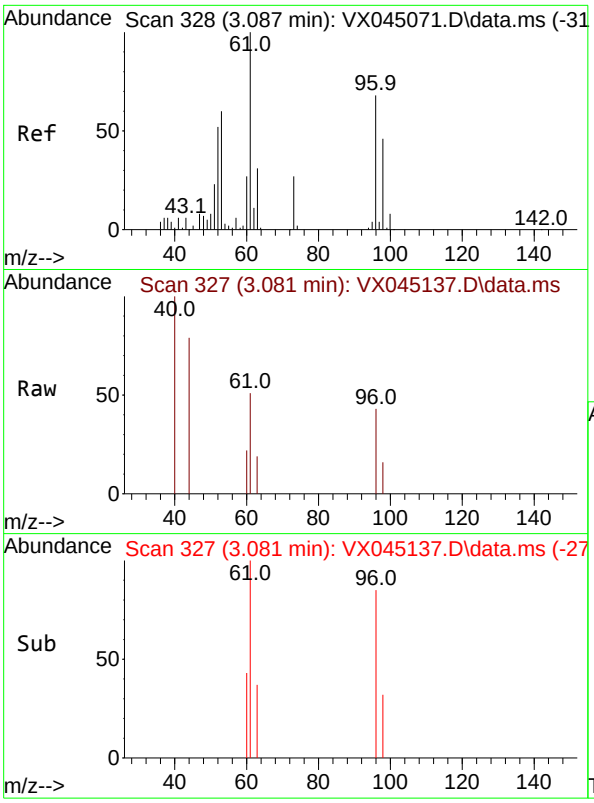


#16
Acetone
Concen: 5.940 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion: 43 Resp: 3234

Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.2	36.4



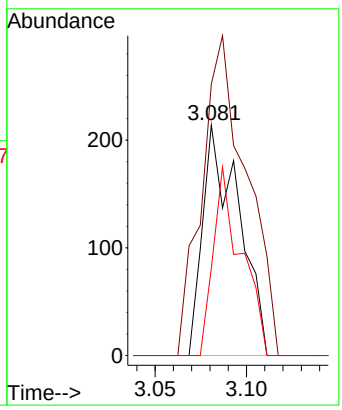


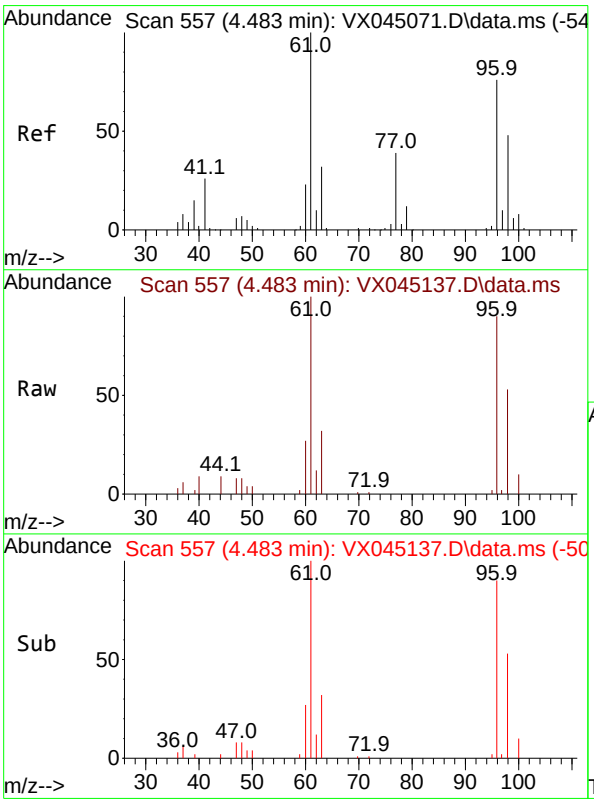
#21
trans-1,2-Dichloroethene
Concen: 0.328 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion: 96 Resp: 294

Ion	Ratio	Lower	Upper
96	100		
61	117.8	117.0	175.4
98	37.9	53.4	80.2#

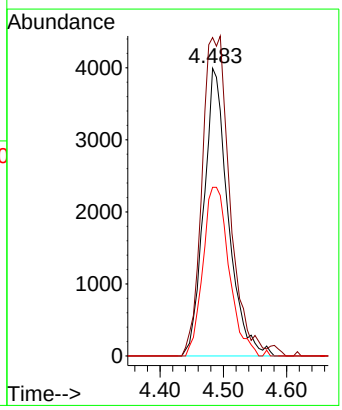


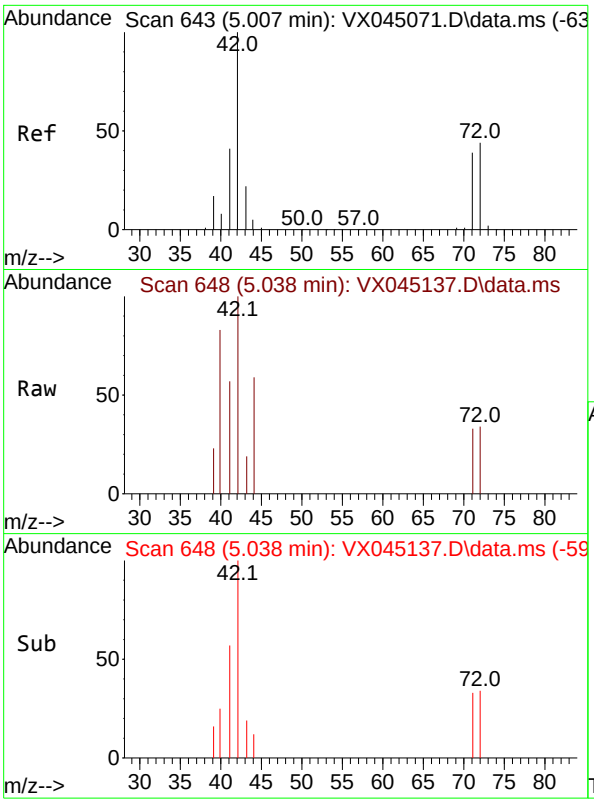


#27
cis-1,2-Dichloroethene
Concen: 9.641 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion: 96 Resp: 10658

Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	283.2
98	63.1	0.0	128.0



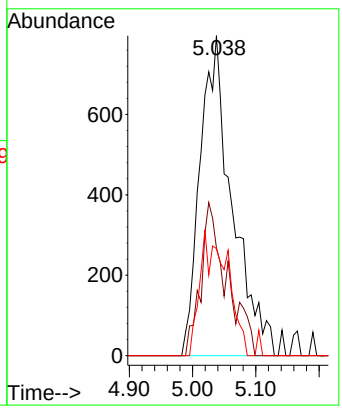


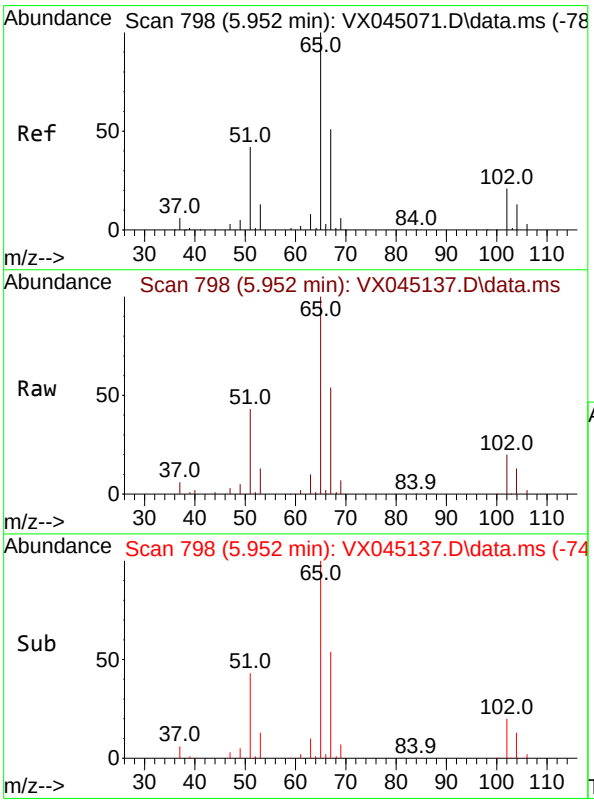
#29
Tetrahydrofuran
Concen: 5.093 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.030 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion: 42 Resp: 2803

Ion	Ratio	Lower	Upper
42	100		
72	33.6	34.1	51.1#
71	12.1	31.4	47.0#

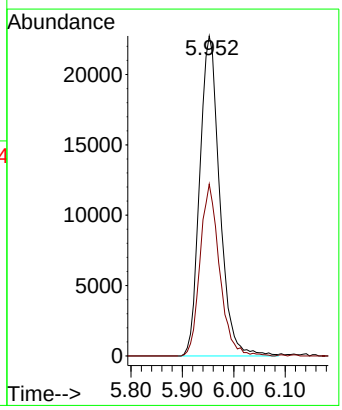


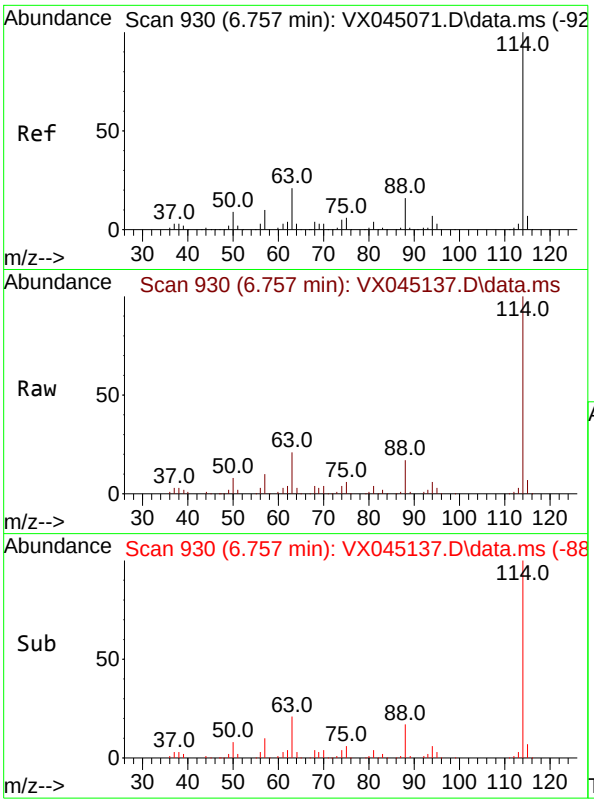


#33
1,2-Dichloroethane-d4
Concen: 52.212 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion: 65 Resp: 61264

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



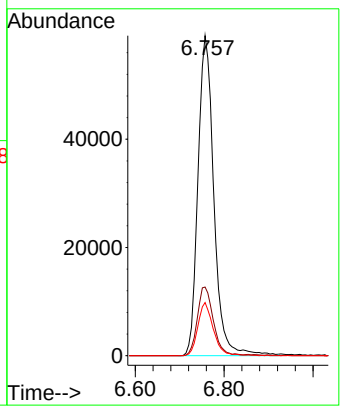


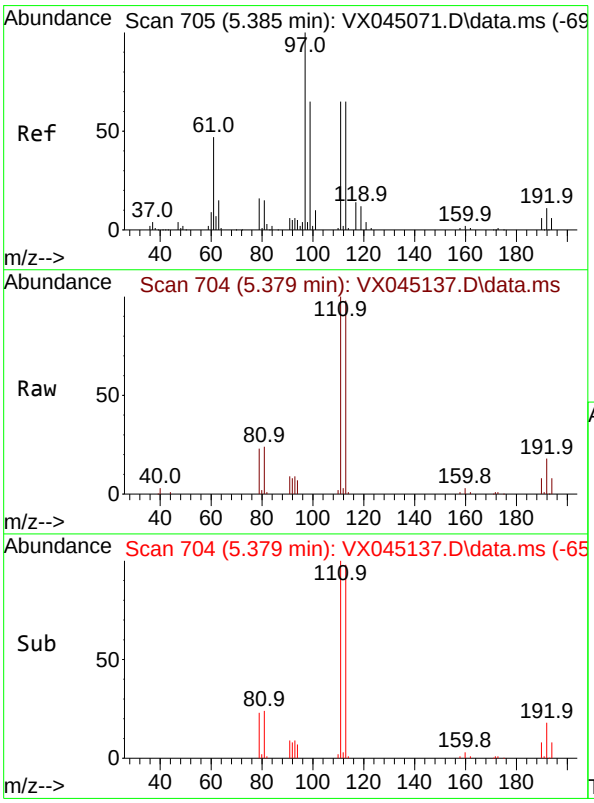
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion:114 Resp: 147372

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.8
88	16.6	0.0	32.8

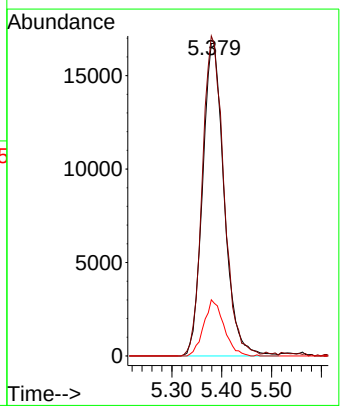


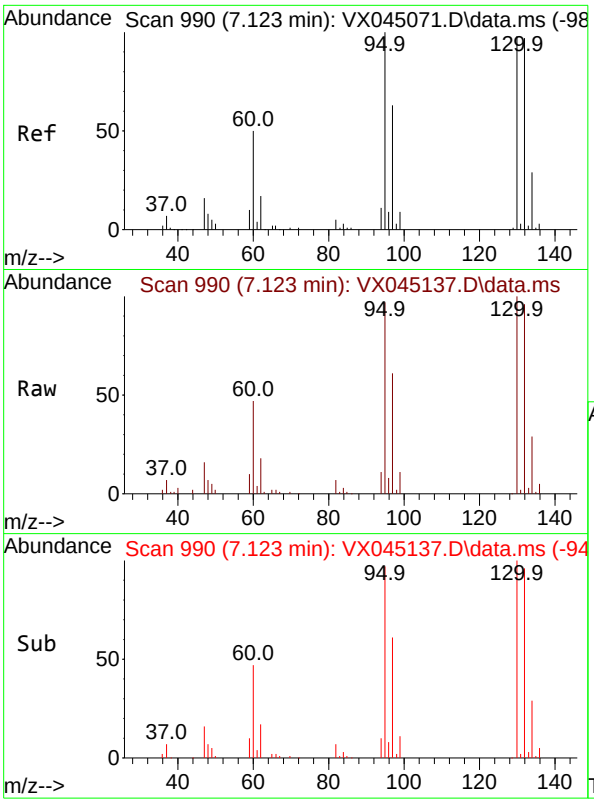


#35
Dibromofluoromethane
Concen: 51.022 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion:113 Resp: 50279

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	16.8	14.3	21.5



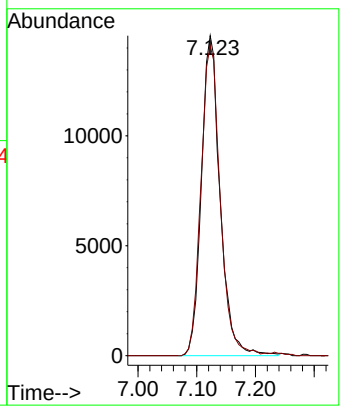


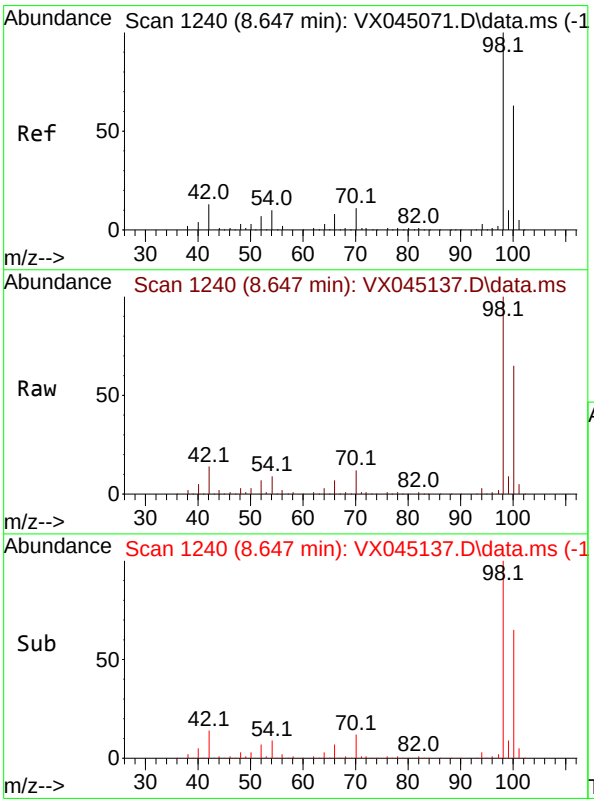
#44
Trichloroethene
Concen: 32.074 ug/l
RT: 7.123 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion:130 Resp: 32140

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	205.0

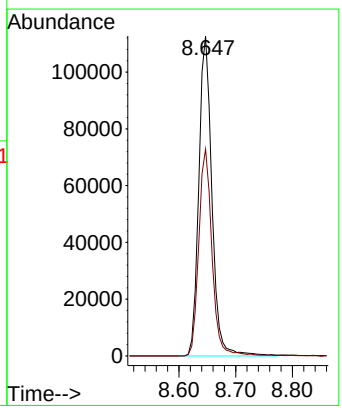


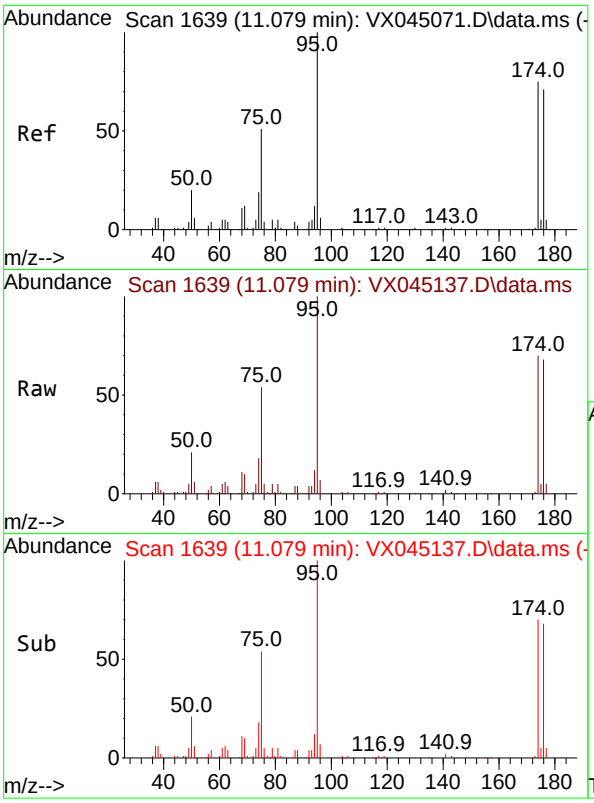


#50
Toluene-d8
Concen: 50.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion: 98 Resp: 180524

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0



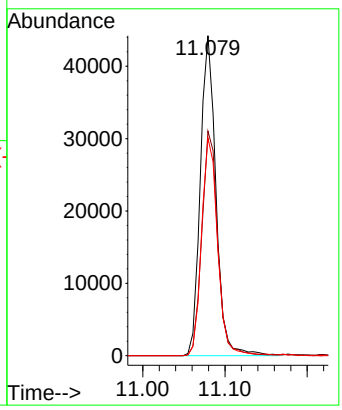


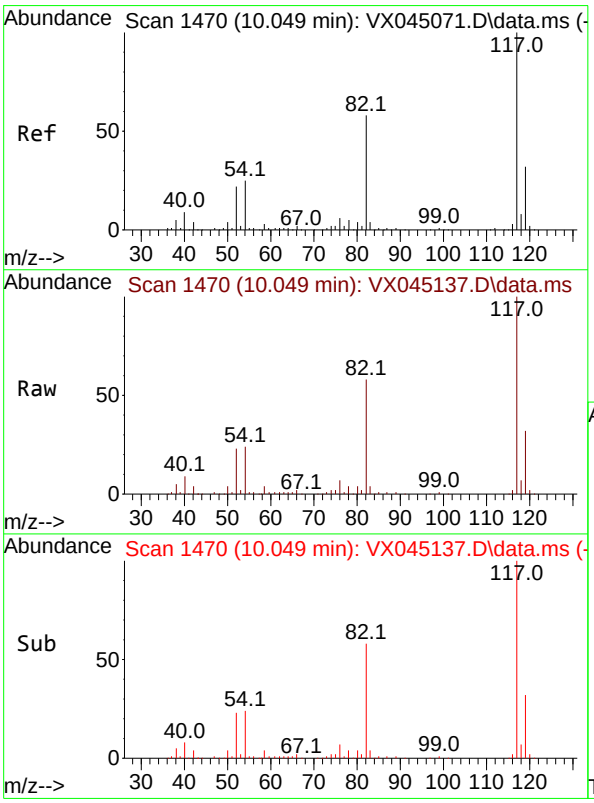
#62
4-Bromofluorobenzene
Concen: 49.342 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

Tgt Ion: 95 Resp: 58413

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	148.2
176	69.8	0.0	141.4

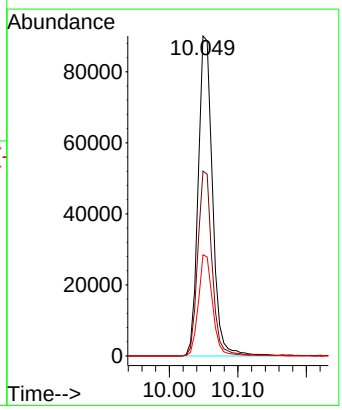


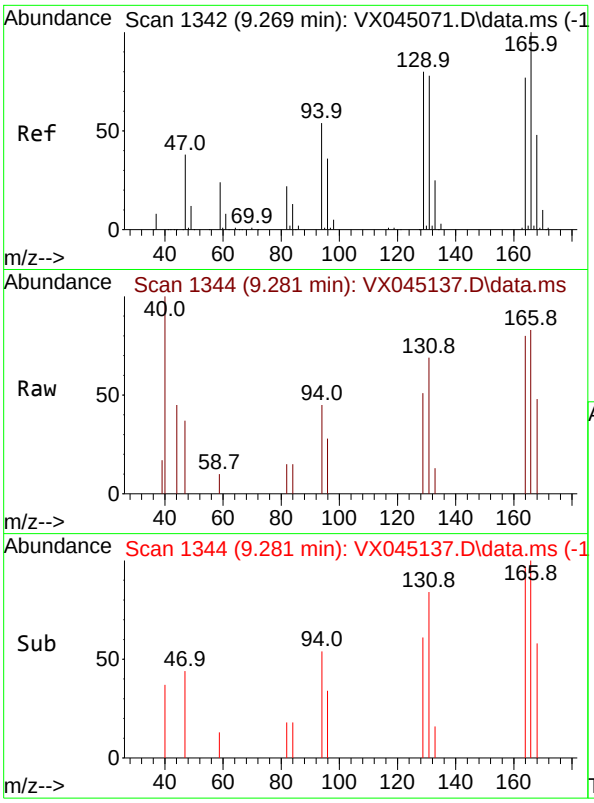


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion:117 Resp: 131471

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.3	69.5
119	31.6	25.7	38.5



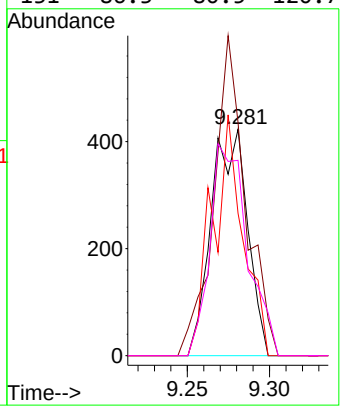


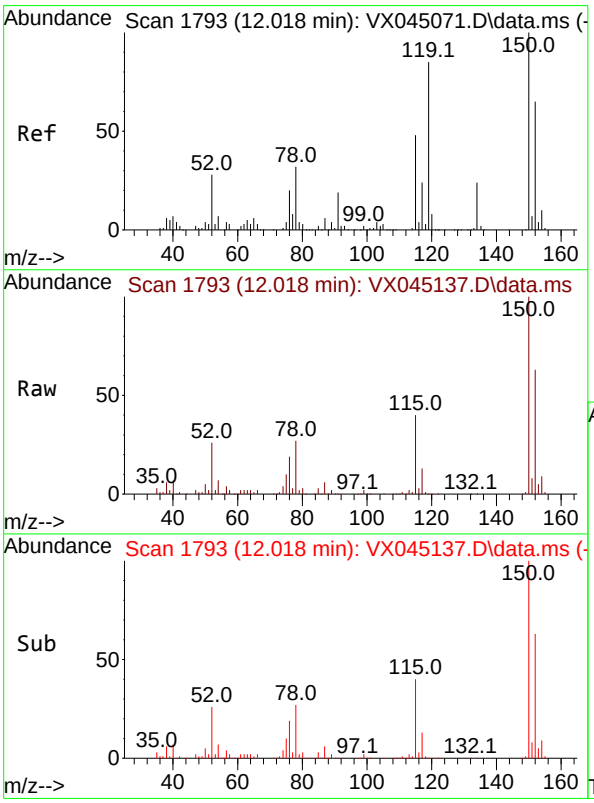
#64
Tetrachloroethene
Concen: 0.767 ug/l
RT: 9.281 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-614-022825DL

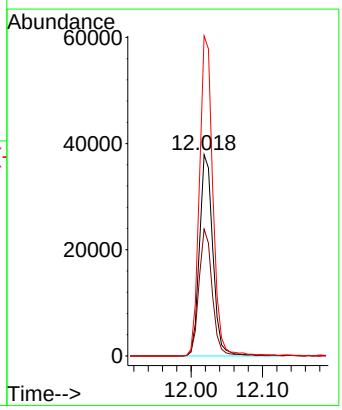
Tgt Ion:164 Resp: 646

Ion	Ratio	Lower	Upper
164	100		
166	103.1	103.6	155.4#
129	62.9	82.7	124.1#
131	86.3	80.5	120.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045137.D
Acq: 05 Mar 2025 13:13

Tgt Ion:152 Resp: 49478

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.2	132.6
150	158.8	0.0	349.0