Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045168.D
Acq On : 06 Mar 2025 15:06
Operator : JC/MD
Sample : PB166989TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Quant Time: Mar 07 00:44:13 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	76628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65587	53.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.620%			
35) Dibromofluoromethane	5.385	113	52800	51.659	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	8.647	98	188921	50.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.079	95	63565	51.769	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.540%			
Target Compounds						Qvalue
6) Chloroethane	1.684	64	408	0.755	ug/l #	41
11) Tert butyl alcohol	2.953	59	1529	6.623	ug/l #	73
13) Acrolein	2.239	56	226	0.847	ug/l #	56
16) Acetone	2.379	43	40583	71.762	ug/l	98
18) Methyl Acetate	2.709	43	2269	1.668	ug/l	99
20) Methylene Chloride	2.788	84	1923	1.717	ug/l #	93
25) 2-Butanone	4.586	43	3752	4.408	ug/l	98
29) Tetrahydrofuran	5.038	42	211	0.369	ug/l #	50
31) Cyclohexane	5.544	56	1911	1.152	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	6842	4.881	ug/l #	48
37) Ethyl Acetate	4.739	43	371	0.205	ug/l #	78
38) Carbon Tetrachloride	5.556	117	8297	5.830	ug/l #	15
43) Isopropyl Acetate	6.342	43	54066	20.243	ug/l	100
48) Methyl methacrylate	7.793	41	68132	50.848	ug/l #	47
51) 4-Methyl-2-Pentanone	8.549	43	57110	31.846	ug/l #	53
53) t-1,3-Dichloropropene	8.951	75	443	0.336	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	23358	15.186	ug/l #	71
57) 1,3-Dichloropropane	9.482	76	2744	1.483	ug/l #	43
59) 2-Hexanone	9.372	43	56882	43.778	ug/l #	26
74) N-amyl acetate	10.780	43	729	0.343	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	34605	25.632	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34605	87.717	ug/l #	6

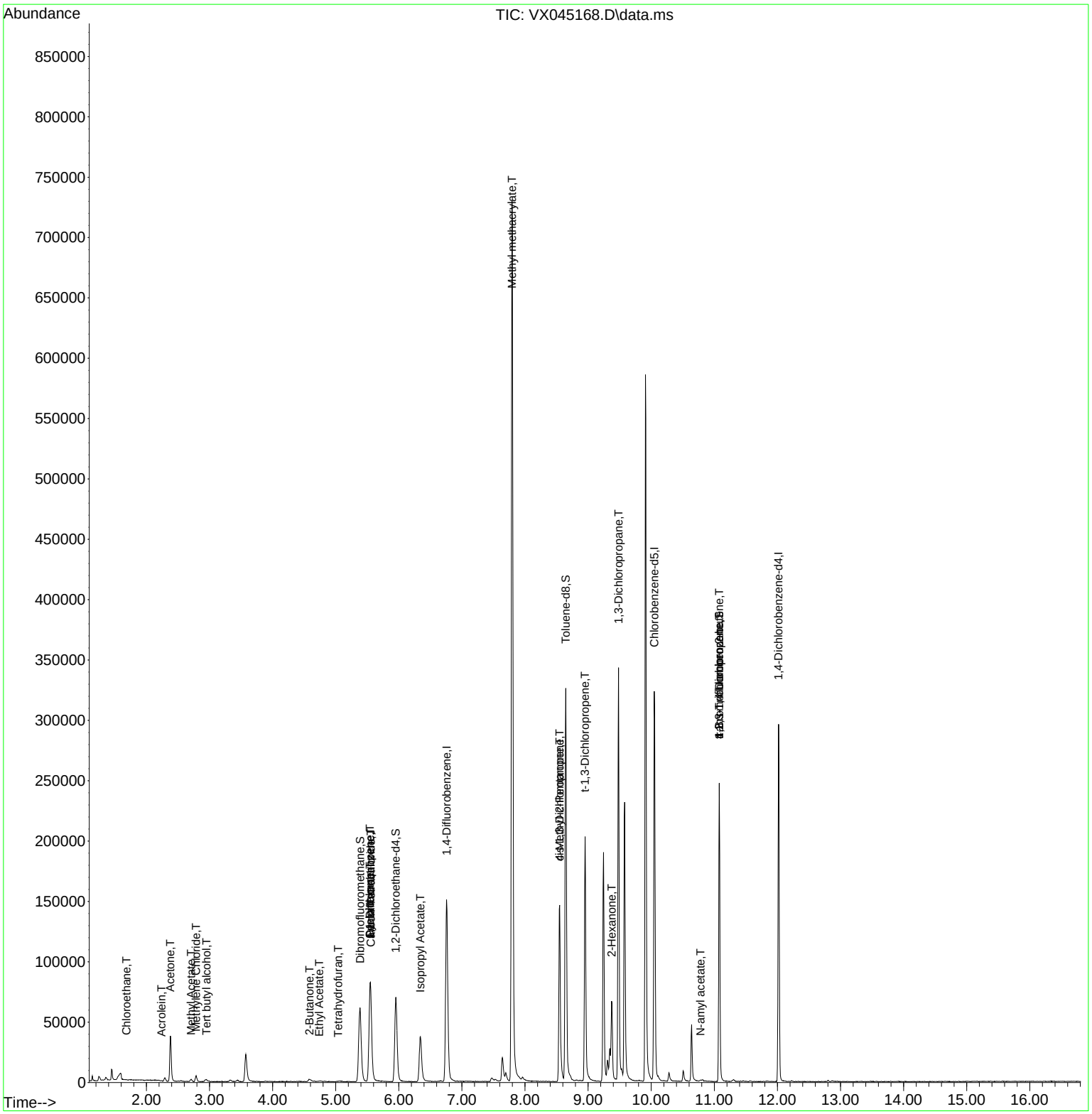
(#) = qualifier out of range (m) = manual integration (+) = signals summed

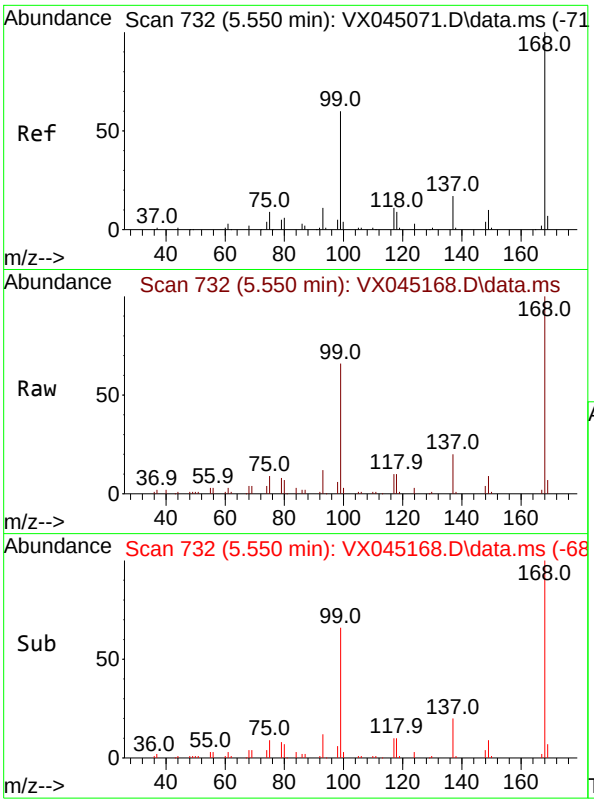
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045168.D
Acq On : 06 Mar 2025 15:06
Operator : JC/MD
Sample : PB166989TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Quant Time: Mar 07 00:44:13 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



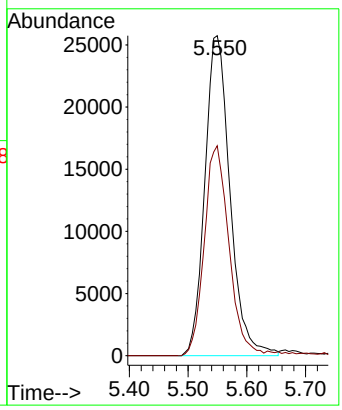


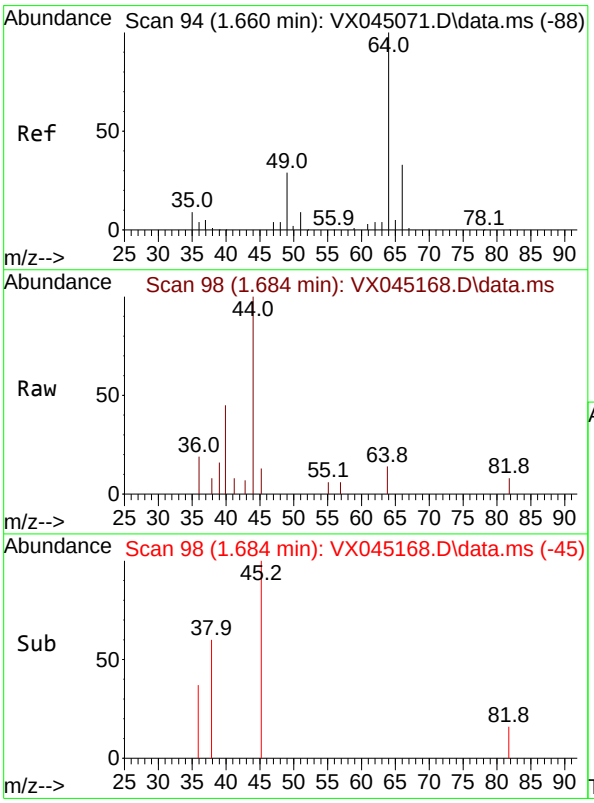
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion:168 Resp: 76628

Ion	Ratio	Lower	Upper
168	100		
99	65.6	48.2	72.4

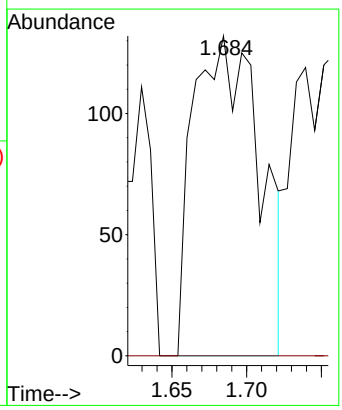


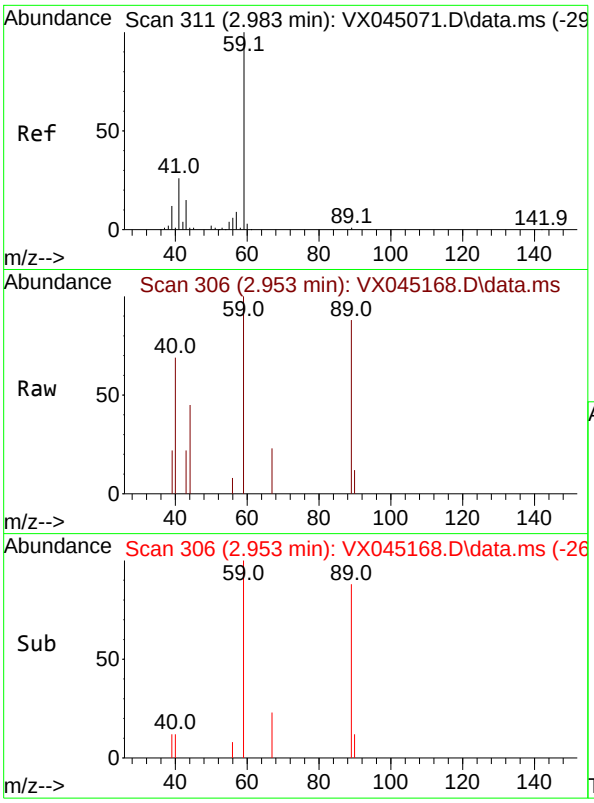


#6
Chloroethane
Concen: 0.755 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.024 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 64 Resp: 408

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.7	40.1#



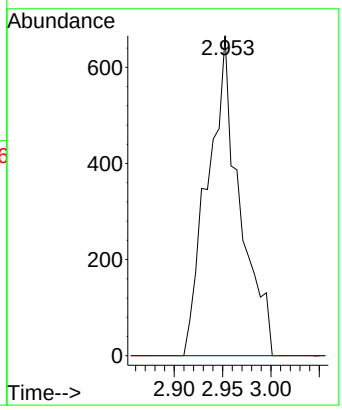


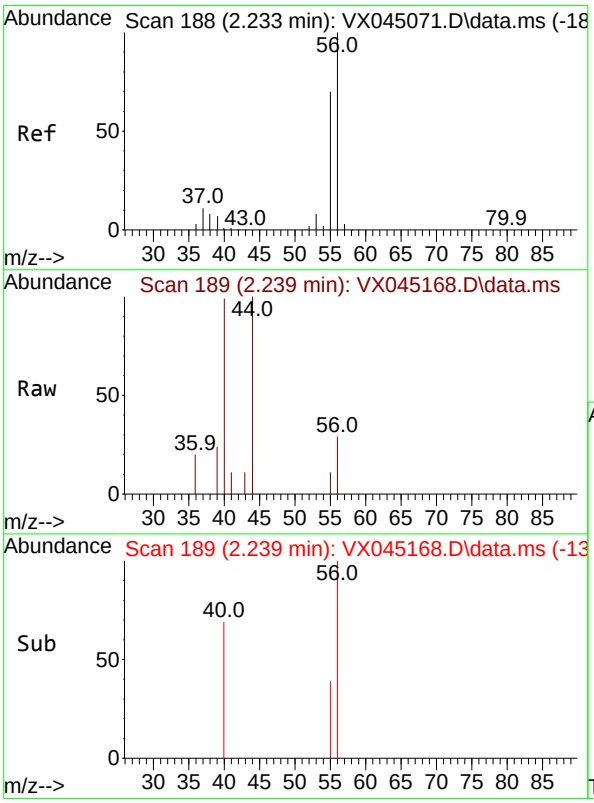
#11
Tert butyl alcohol
Concen: 6.623 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.031 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 59 Resp: 1529

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

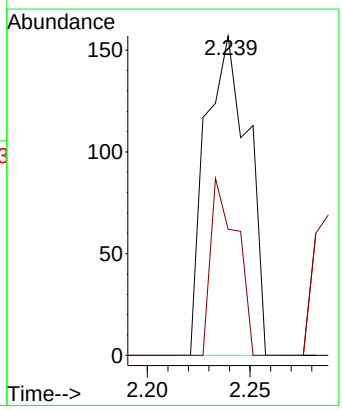


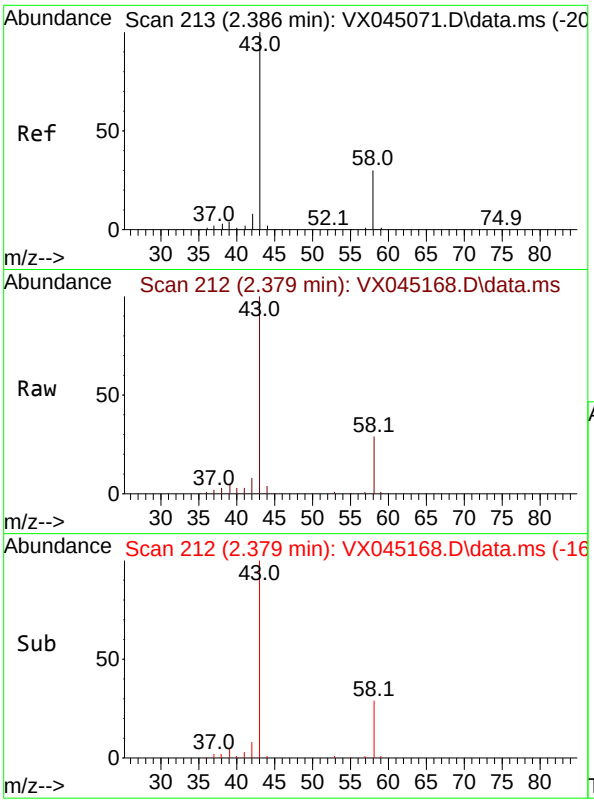


#13
Acrolein
Concen: 0.847 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 56 Resp: 226

Ion	Ratio	Lower	Upper
56	100		
55	34.1	56.2	84.4#



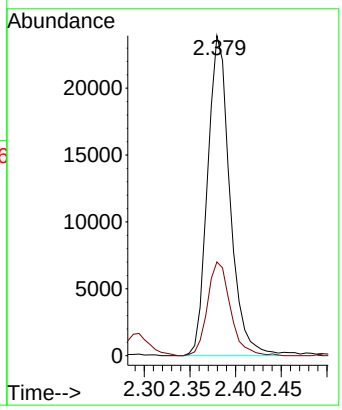


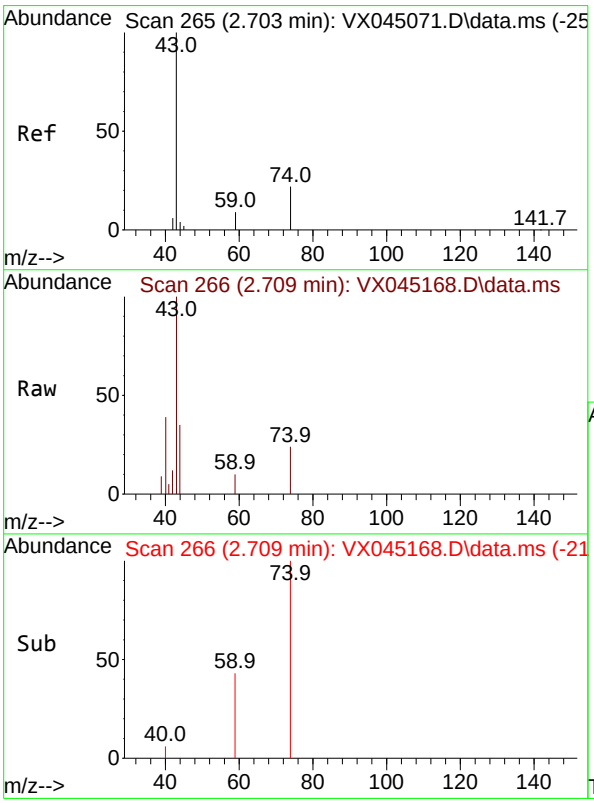
#16
Acetone
Concen: 71.762 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 43 Resp: 40583

Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.2	36.4

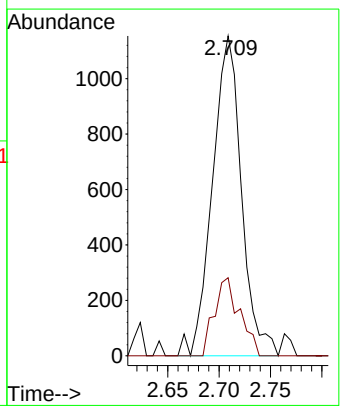


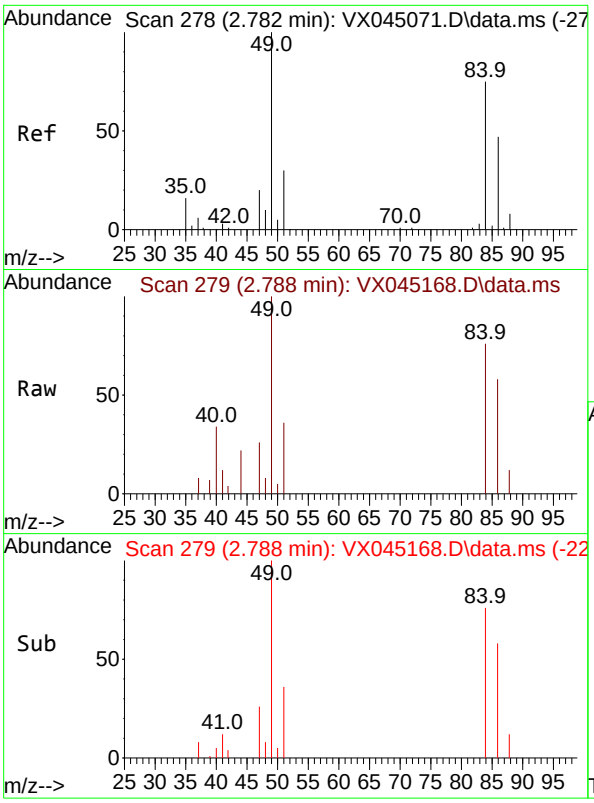


#18
Methyl Acetate
Concen: 1.668 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 43 Resp: 2269

Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.4	26.2



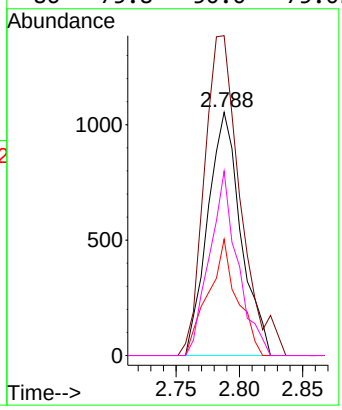


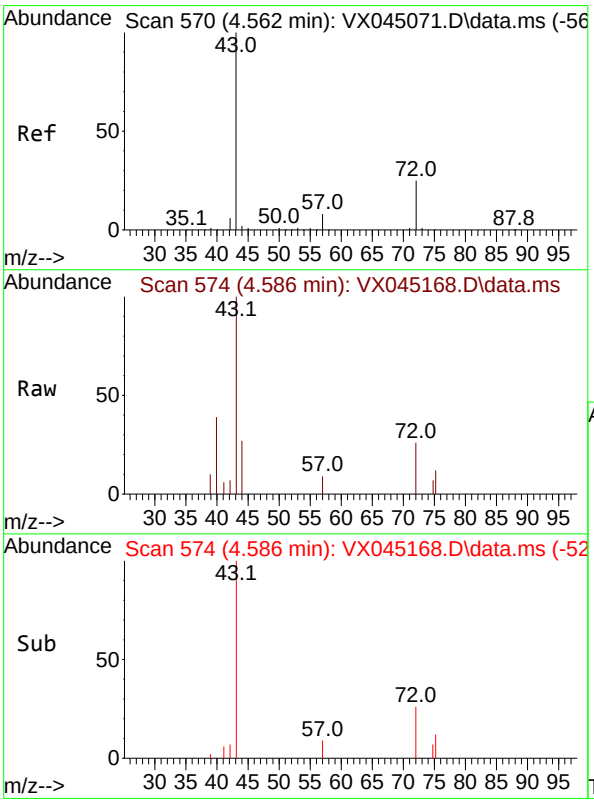
#20
Methylene Chloride
Concen: 1.717 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 84 Resp: 1923

Ion	Ratio	Lower	Upper
84	100		
49	131.5	106.5	159.7
51	47.8	32.1	48.1
86	75.8	50.0	75.0#

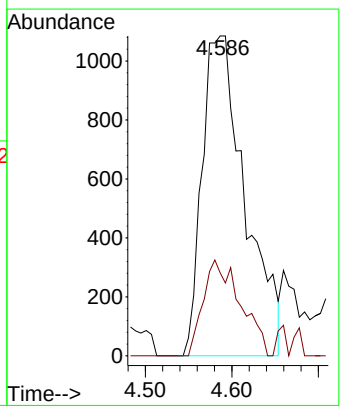


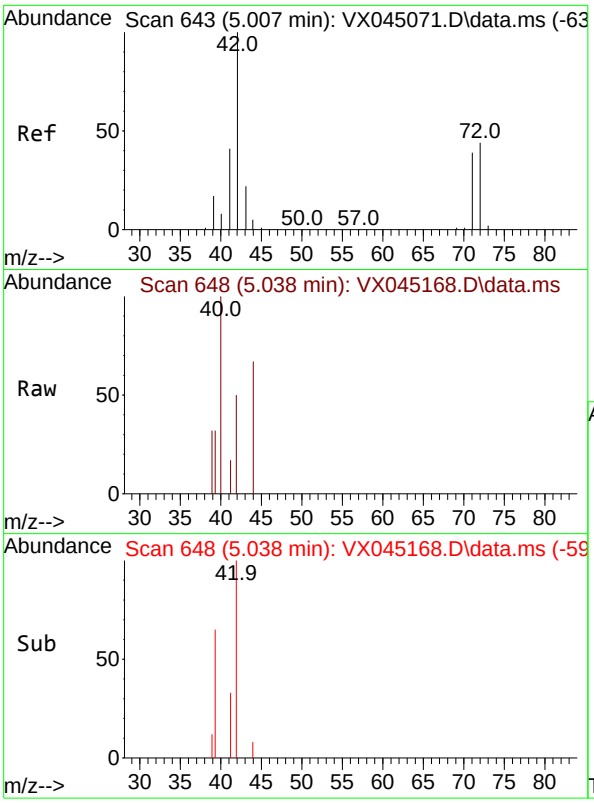


#25
2-Butanone
Concen: 4.408 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 43 Resp: 3752

Ion	Ratio	Lower	Upper
43	100		
72	26.0	20.0	30.0



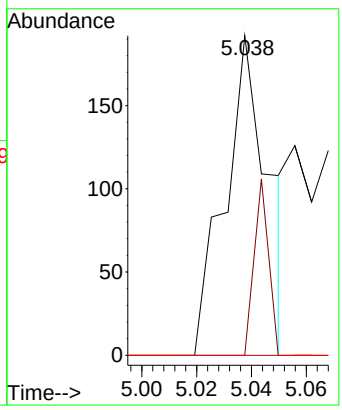


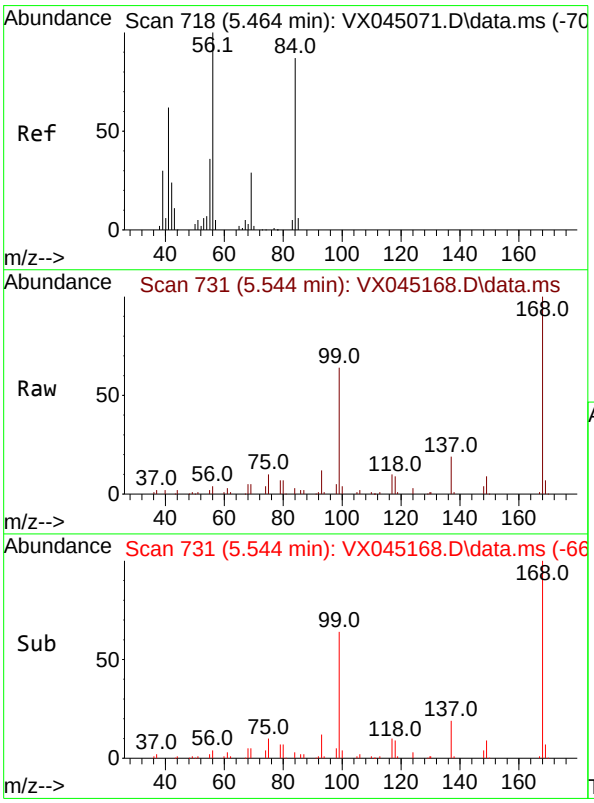
#29
Tetrahydrofuran
Concen: 0.369 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.030 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 42 Resp: 211

Ion	Ratio	Lower	Upper
42	100		
72	18.5	34.1	51.1#
71	0.0	31.4	47.0#

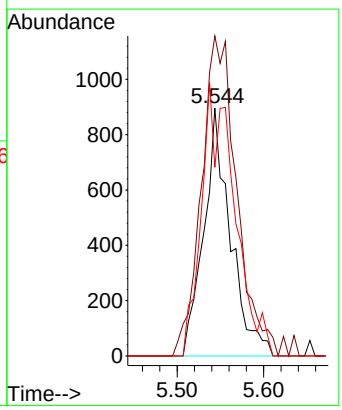


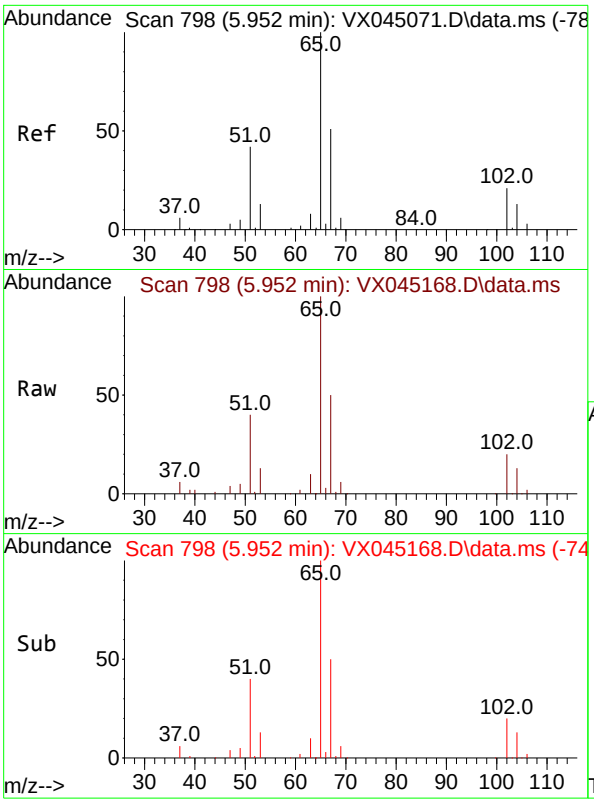


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 56 Resp: 1911

Ion	Ratio	Lower	Upper
56	100		
69	129.1	23.4	35.2#
84	76.1	69.4	104.2



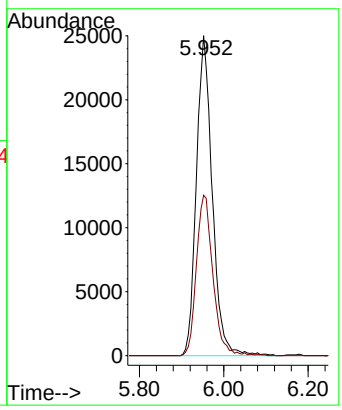


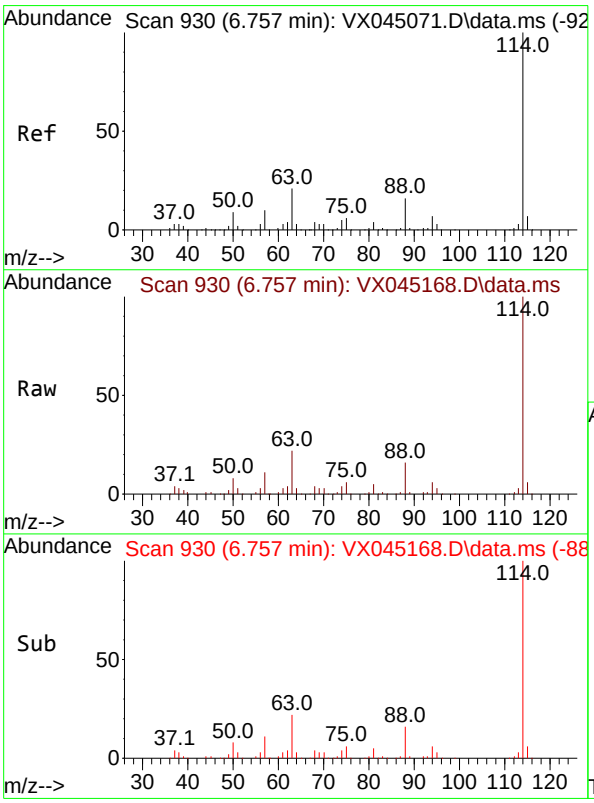
#33
1,2-Dichloroethane-d4
Concen: 53.809 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 65 Resp: 65587

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2

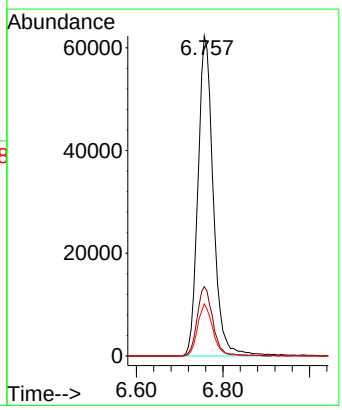


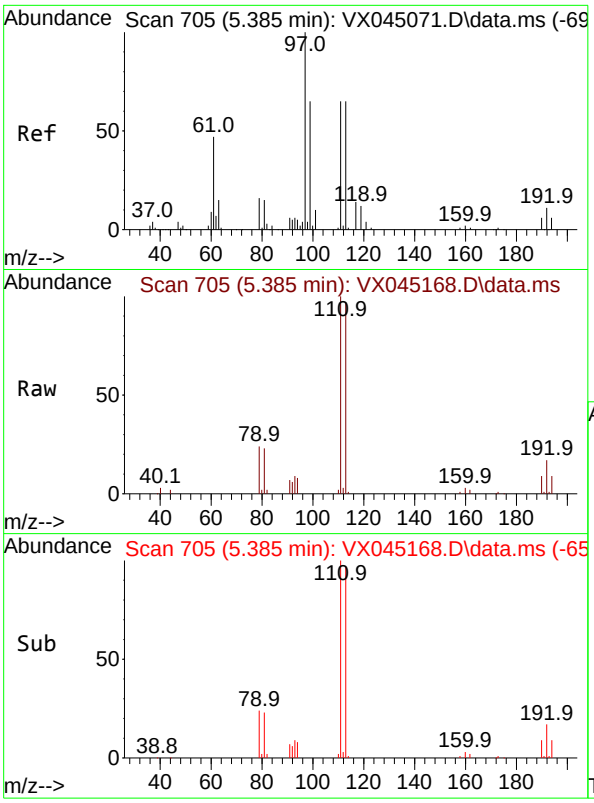


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion:114 Resp: 152853

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	16.3	0.0	32.8



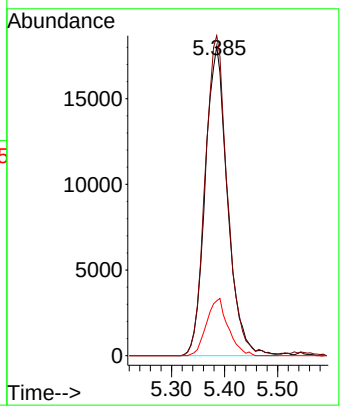


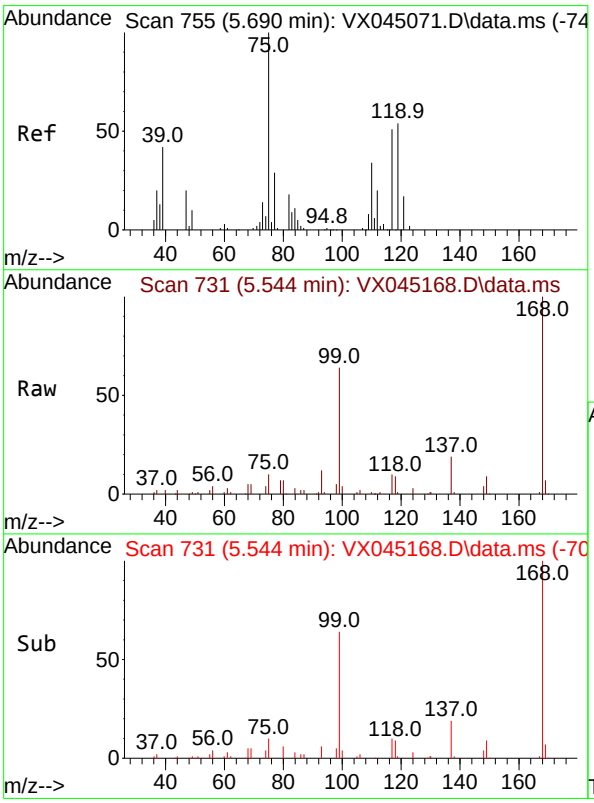
#35
Dibromofluoromethane
Concen: 51.659 ug/l
RT: 5.385 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion:113 Resp: 52800

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	17.8	14.3	21.5

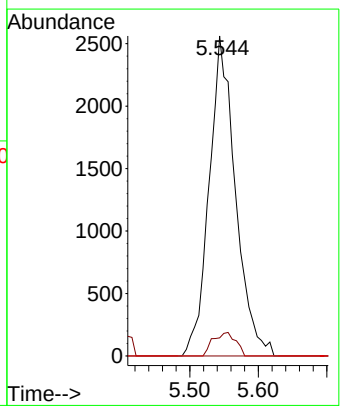


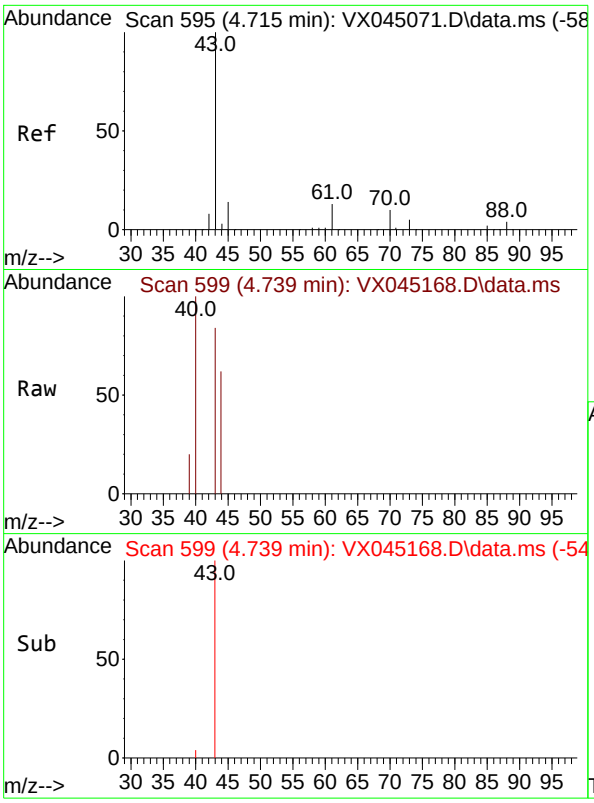


#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 75 Resp: 6842

Ion	Ratio	Lower	Upper
75	100		
110	6.3	16.9	50.6#
77	0.0	24.5	36.7#



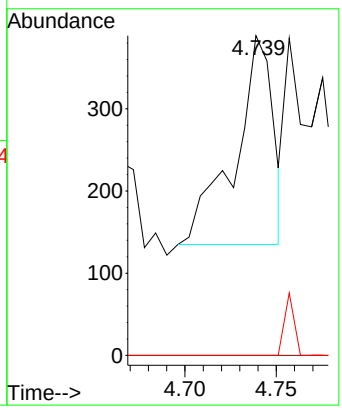


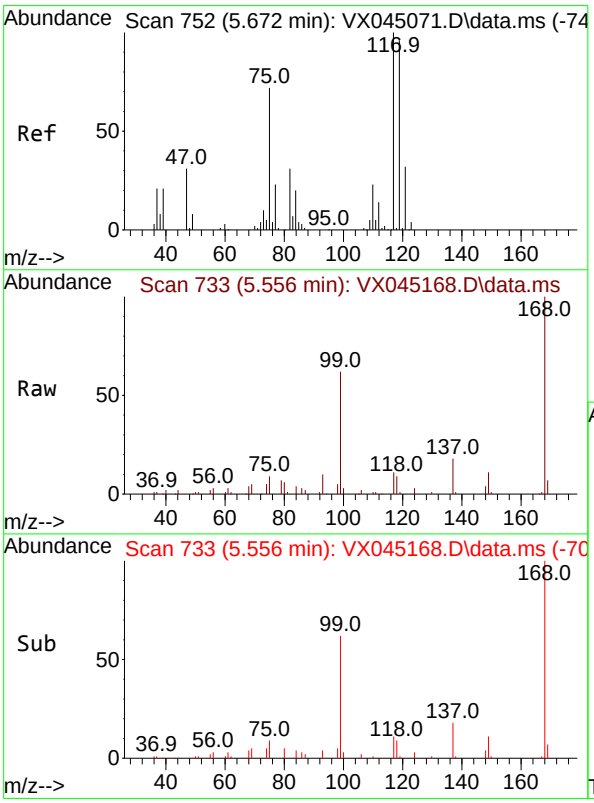
#37
Ethyl Acetate
Concen: 0.205 ug/l
RT: 4.739 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 43 Resp: 371

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	7.5	7.7	11.5#

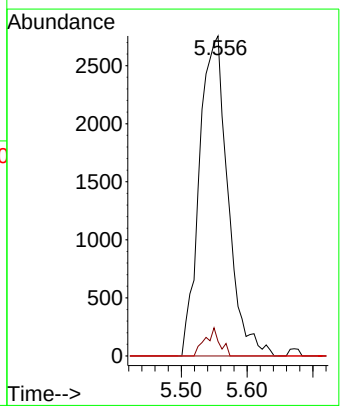


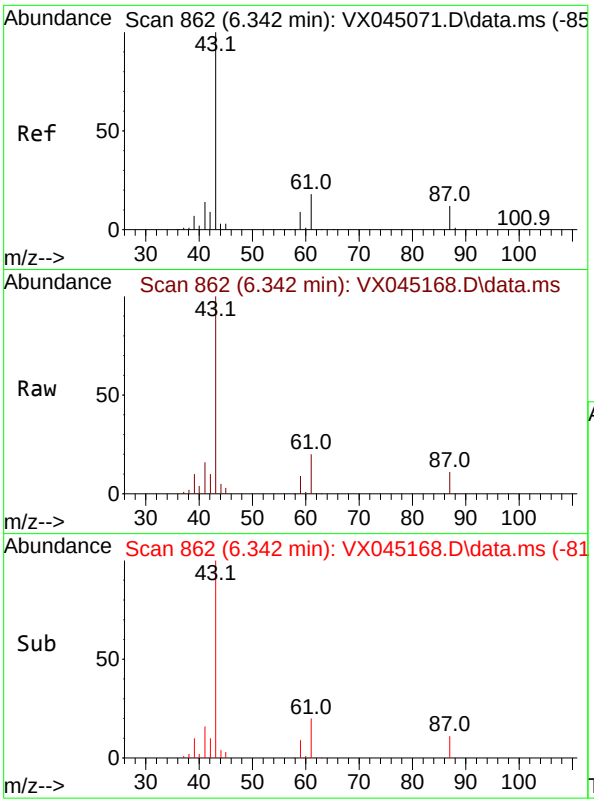


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion:117 Resp: 8297

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.7	115.1#
121	0.0	25.5	38.3#



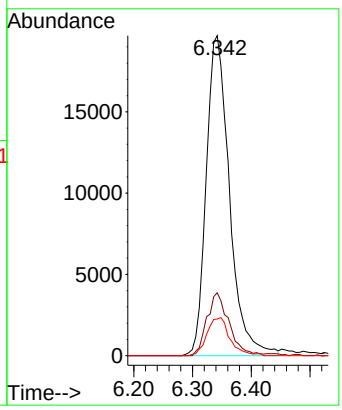


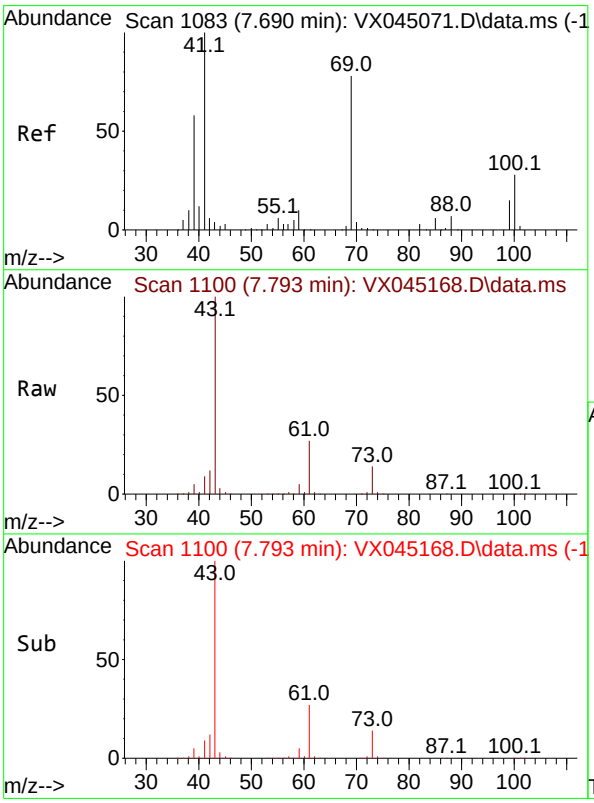
#43
Isopropyl Acetate
Concen: 20.243 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 43 Resp: 54066

Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.9	22.3
87	11.7	9.4	14.2

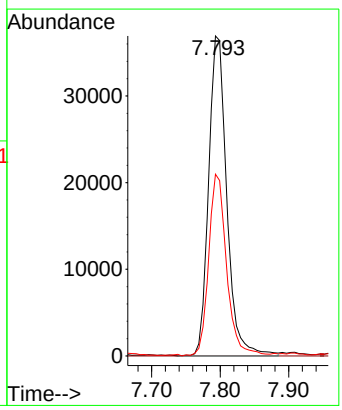


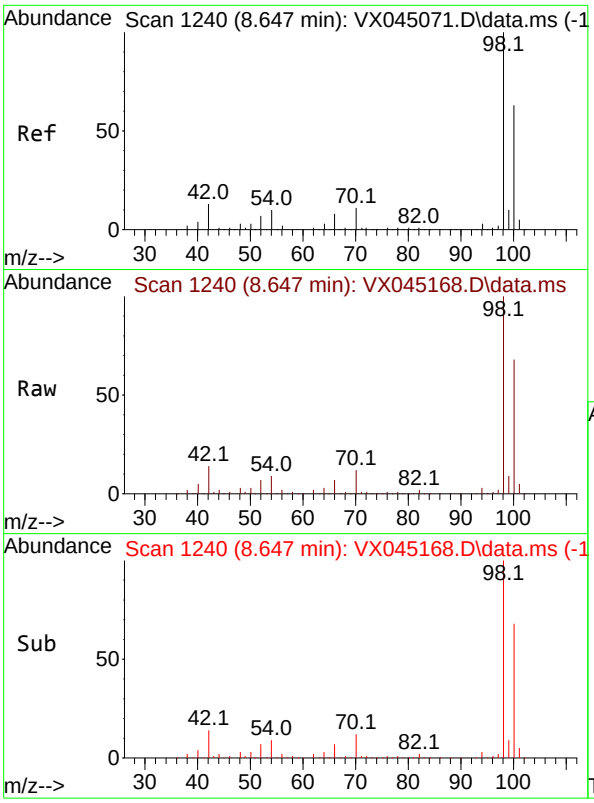


#48
Methyl methacrylate
Concen: 50.848 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 41 Resp: 68132

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	56.2	47.5	71.3



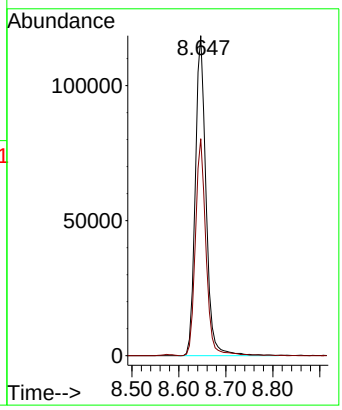


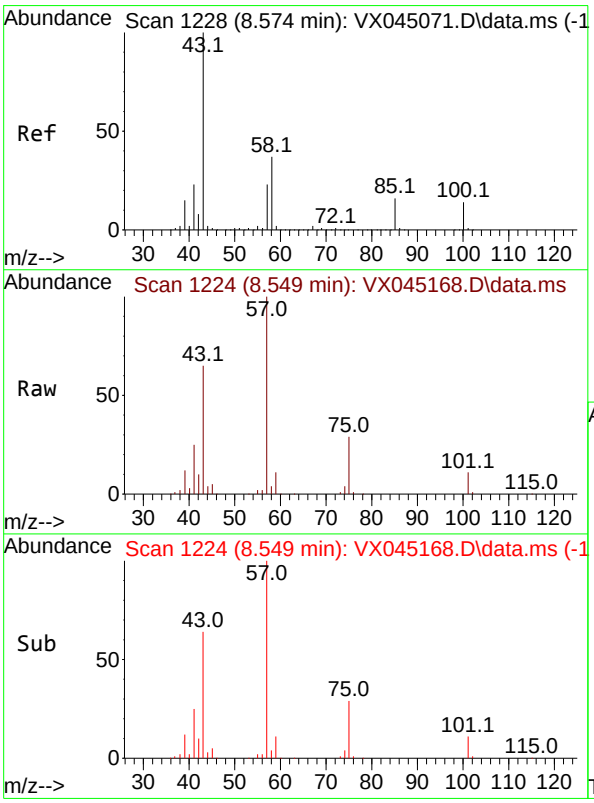
#50
Toluene-d8
Concen: 50.985 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 98 Resp: 188921

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.0	78.0

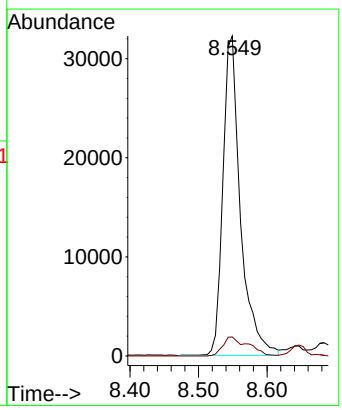


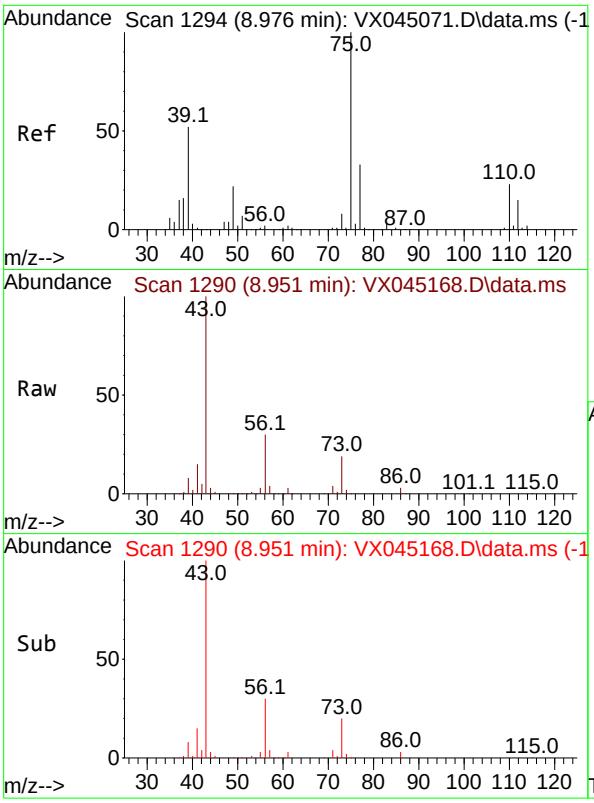


#51
4-Methyl-2-Pentanone
Concen: 31.846 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 43 Resp: 57110

Ion	Ratio	Lower	Upper
43	100		
58	8.7	29.2	43.8#



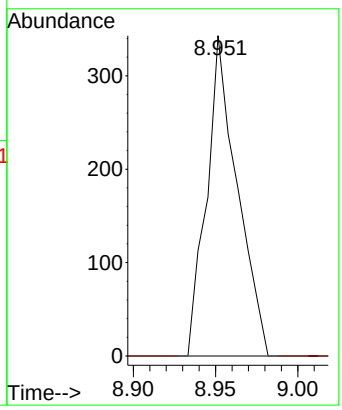


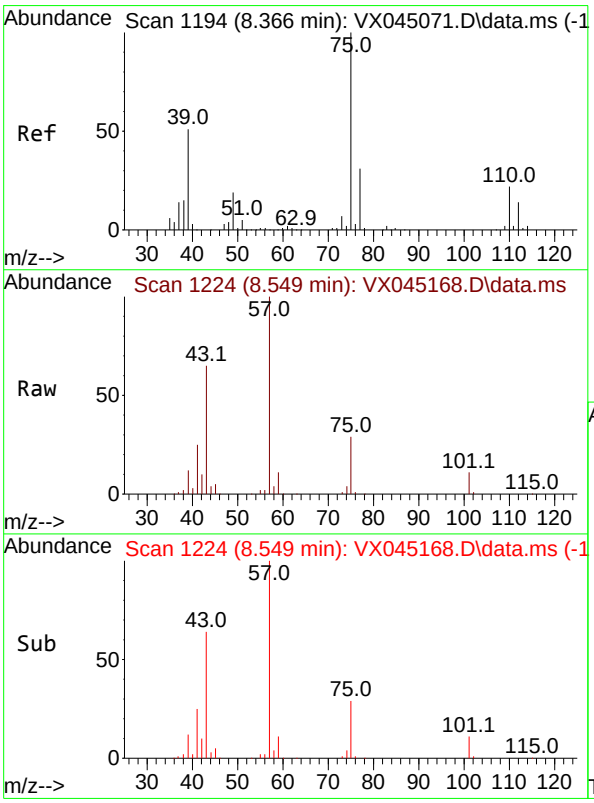
#53
t-1,3-Dichloropropene
Concen: 0.336 ug/l
RT: 8.951 min Scan# 1
Delta R.T. -0.025 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 75 Resp: 443

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.5	39.7#

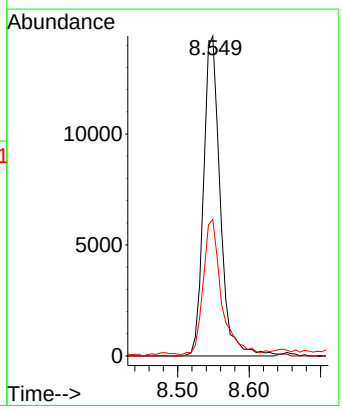


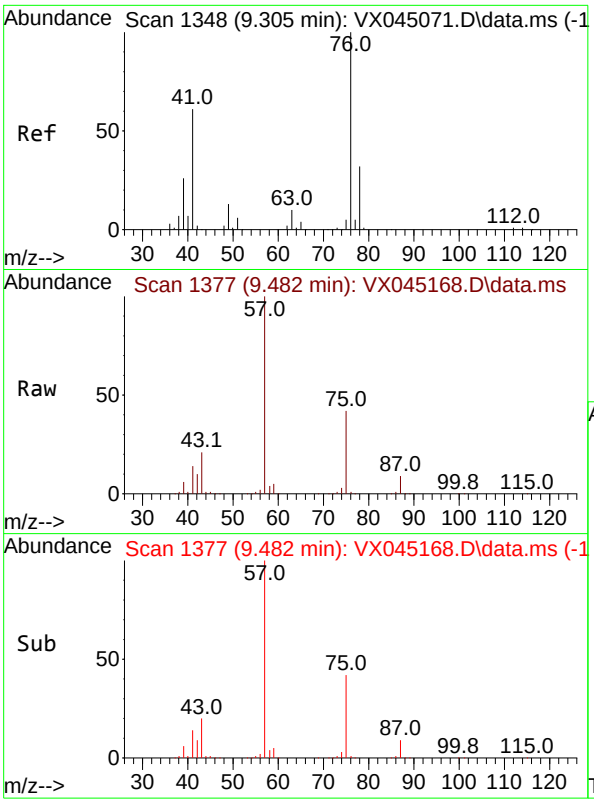


#54
cis-1,3-Dichloropropene
Concen: 15.186 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 75 Resp: 23358

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.7	37.1#
39	42.1	40.7	61.1



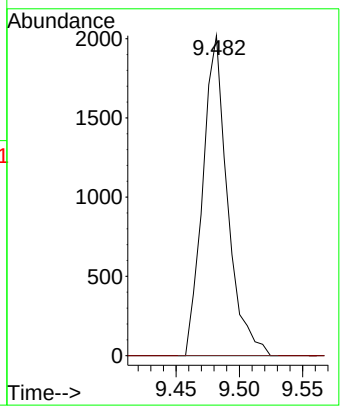


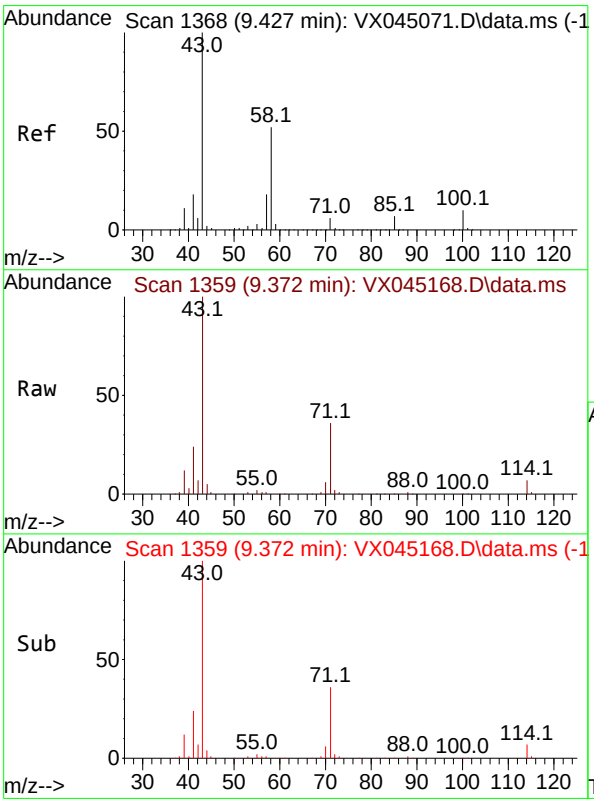
#57
1,3-Dichloropropane
Concen: 1.483 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 76 Resp: 2744

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

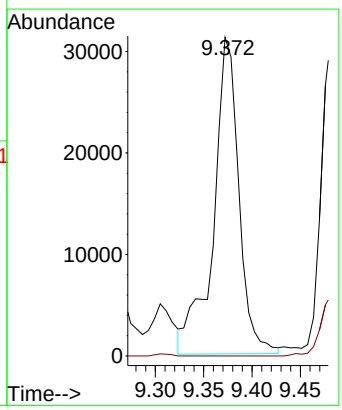


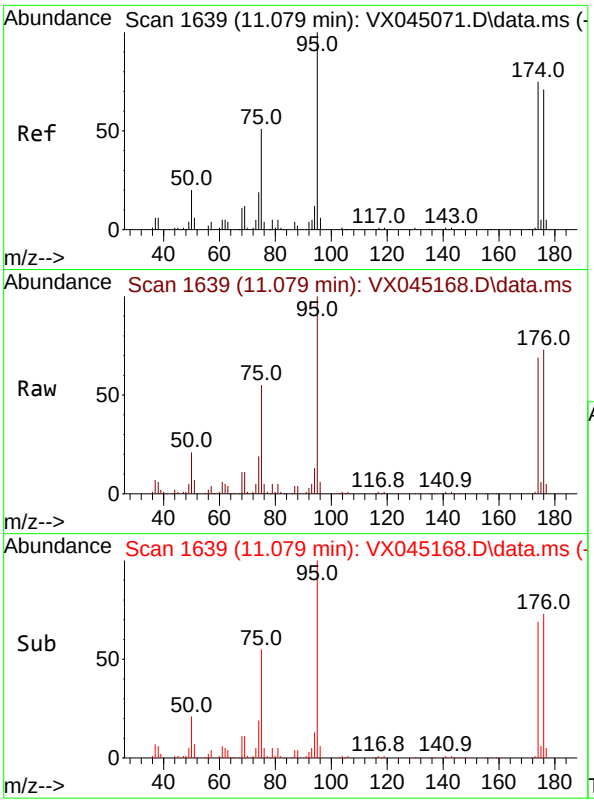


#59
2-Hexanone
Concen: 43.778 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 43 Resp: 56882

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.6#



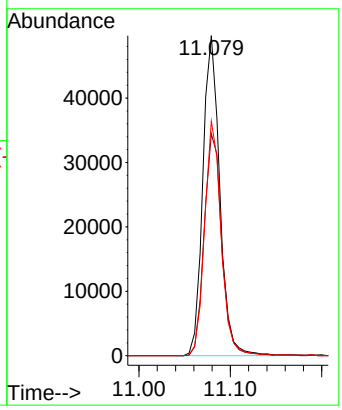


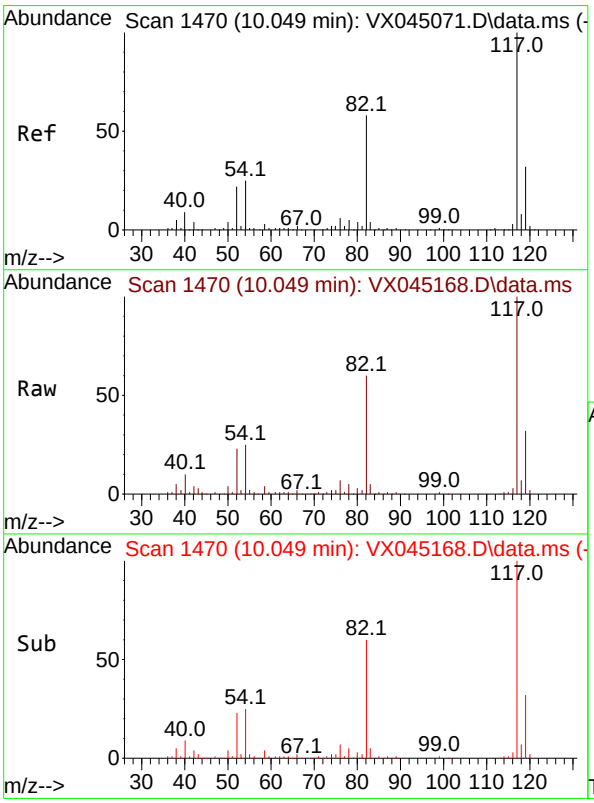
#62
4-Bromofluorobenzene
Concen: 51.769 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 95 Resp: 63565

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	148.2
176	71.9	0.0	141.4

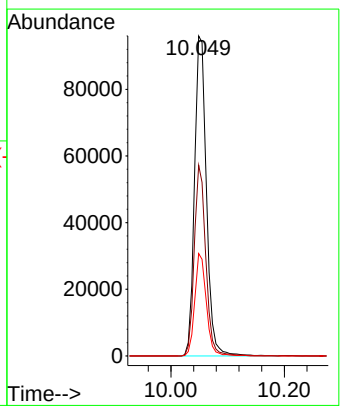


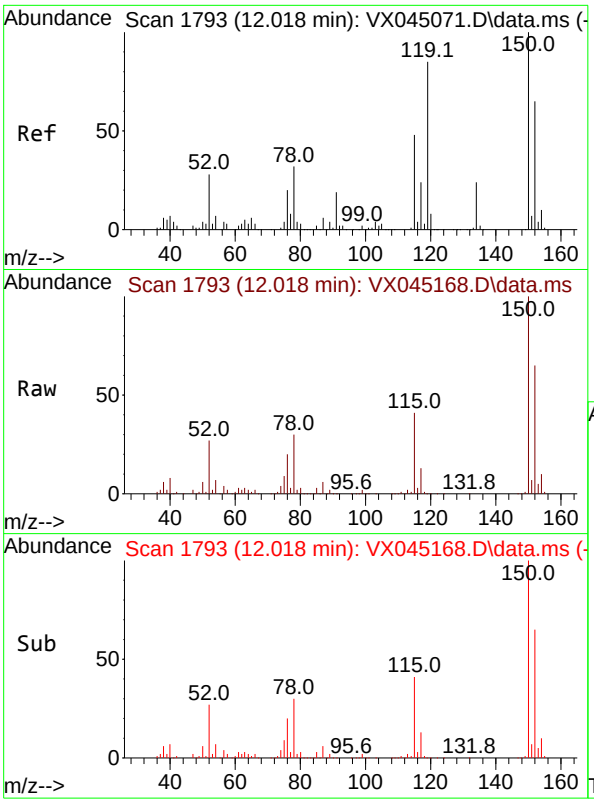


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion:117 Resp: 139993

Ion	Ratio	Lower	Upper
117	100		
82	59.6	46.3	69.5
119	32.0	25.7	38.5



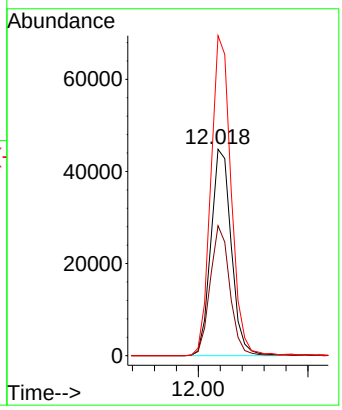


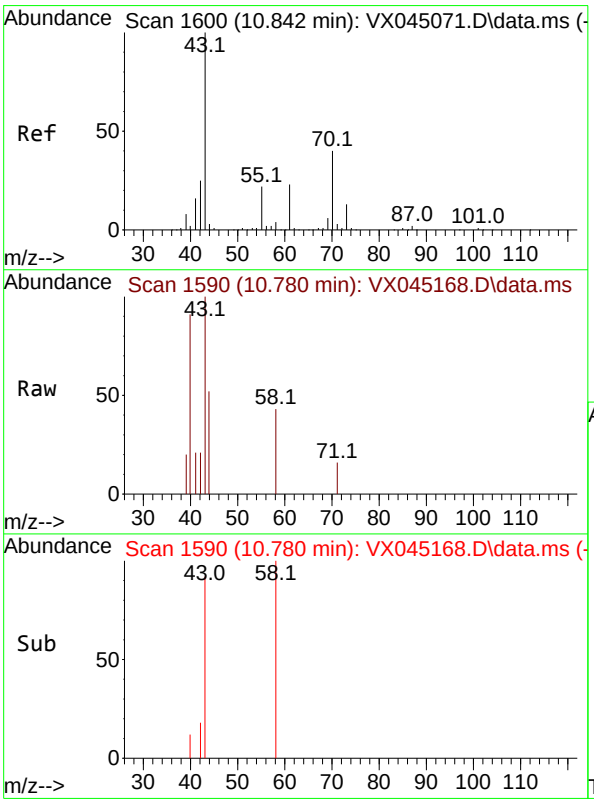
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion:152 Resp: 58005

Ion	Ratio	Lower	Upper
152	100		
115	61.0	44.2	132.6
150	154.2	0.0	349.0

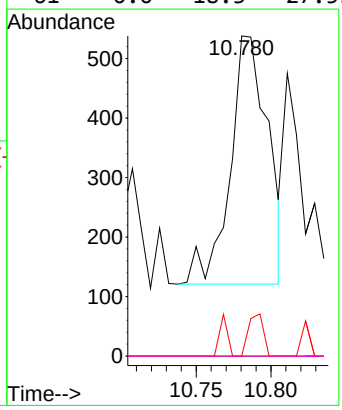


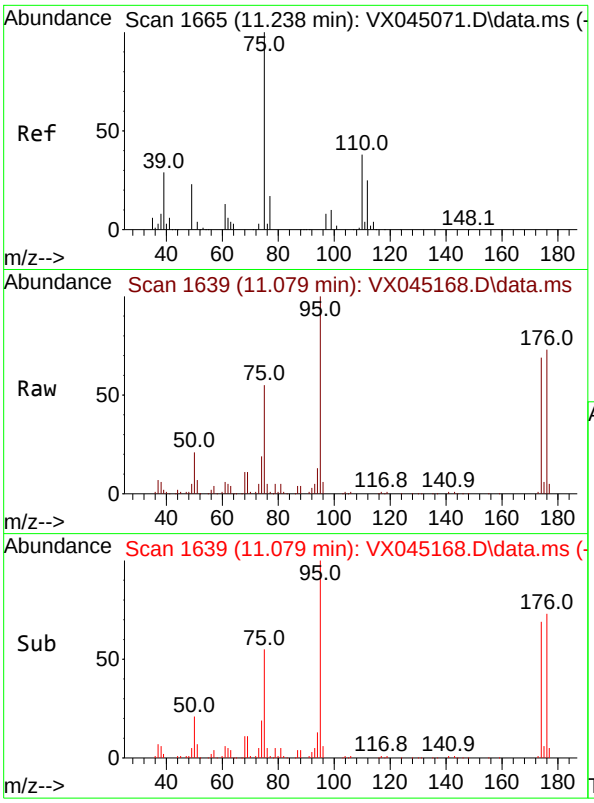


#74
N-amyl acetate
Concen: 0.343 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.061 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 43 Resp: 729

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.8	47.6#
55	6.7	18.3	27.5#
61	0.0	18.3	27.5#



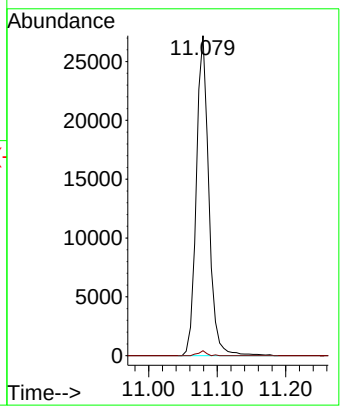


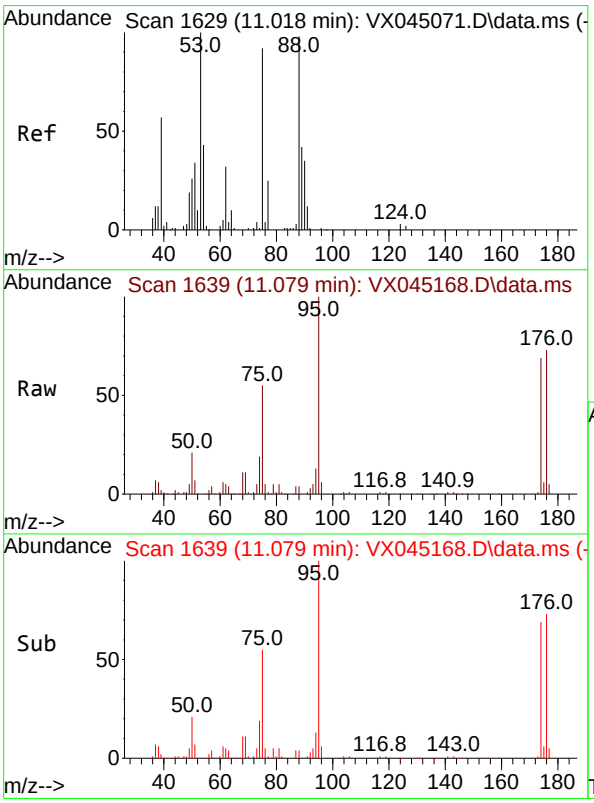
#76
1,2,3-Trichloropropane
Concen: 25.632 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
PB166989TB

Tgt Ion: 75 Resp: 34605

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.7	62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045168.D
Acq: 06 Mar 2025 15:06

Tgt Ion: 75 Resp: 34605

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.5	132.7#
89	0.1	36.2	54.4#