Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045180.D
Acq On : 06 Mar 2025 19:45
Operator : JC/MD
Sample : Q1478-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Quant Time: Mar 07 00:51:08 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	74182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62937	53.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	5.385	113	50362	50.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	8.647	98	187727	51.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.880%			
62) 4-Bromofluorobenzene	11.079	95	62997	52.601	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.200%			
Target Compounds						Qvalue
6) Chloroethane	1.648	64	138	0.264	ug/l #	41
8) Diethyl Ether	2.136	74	184	0.313	ug/l #	1
11) Tert butyl alcohol	2.940	59	1273	5.696	ug/l #	73
13) Acrolein	2.239	56	356	1.378	ug/l	94
16) Acetone	2.386	43	41661	76.097	ug/l	97
17) Carbon Disulfide	2.501	76	619	0.255	ug/l #	71
18) Methyl Acetate	2.703	43	2526	1.918	ug/l	93
20) Methylene Chloride	2.782	84	4062	3.746	ug/l	93
23) Vinyl Acetate	3.587	43	1024	0.372	ug/l #	73
25) 2-Butanone	4.586	43	4292	5.208	ug/l	98
29) Tetrahydrofuran	5.025	42	131	0.237	ug/l #	34
31) Cyclohexane	5.550	56	2129	1.326	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	6788	4.965	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7750	5.584	ug/l #	19
43) Isopropyl Acetate	6.342	43	46947	18.022	ug/l	99
44) Trichloroethene	7.123	130	374	0.369	ug/l	73
48) Methyl methacrylate	7.799	41	55222	42.253	ug/l #	47
49) 1,4-Dioxane	7.793	88	72	2.612	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	49073	28.056	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	20229	13.484	ug/l #	70
57) 1,3-Dichloropropane	9.482	76	2117	1.173	ug/l #	43
59) 2-Hexanone	9.378	43	44996	35.505	ug/l #	26
74) N-amyl acetate	10.787	43	1410	0.673	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	34201	25.670	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34201	87.846	ug/l #	6

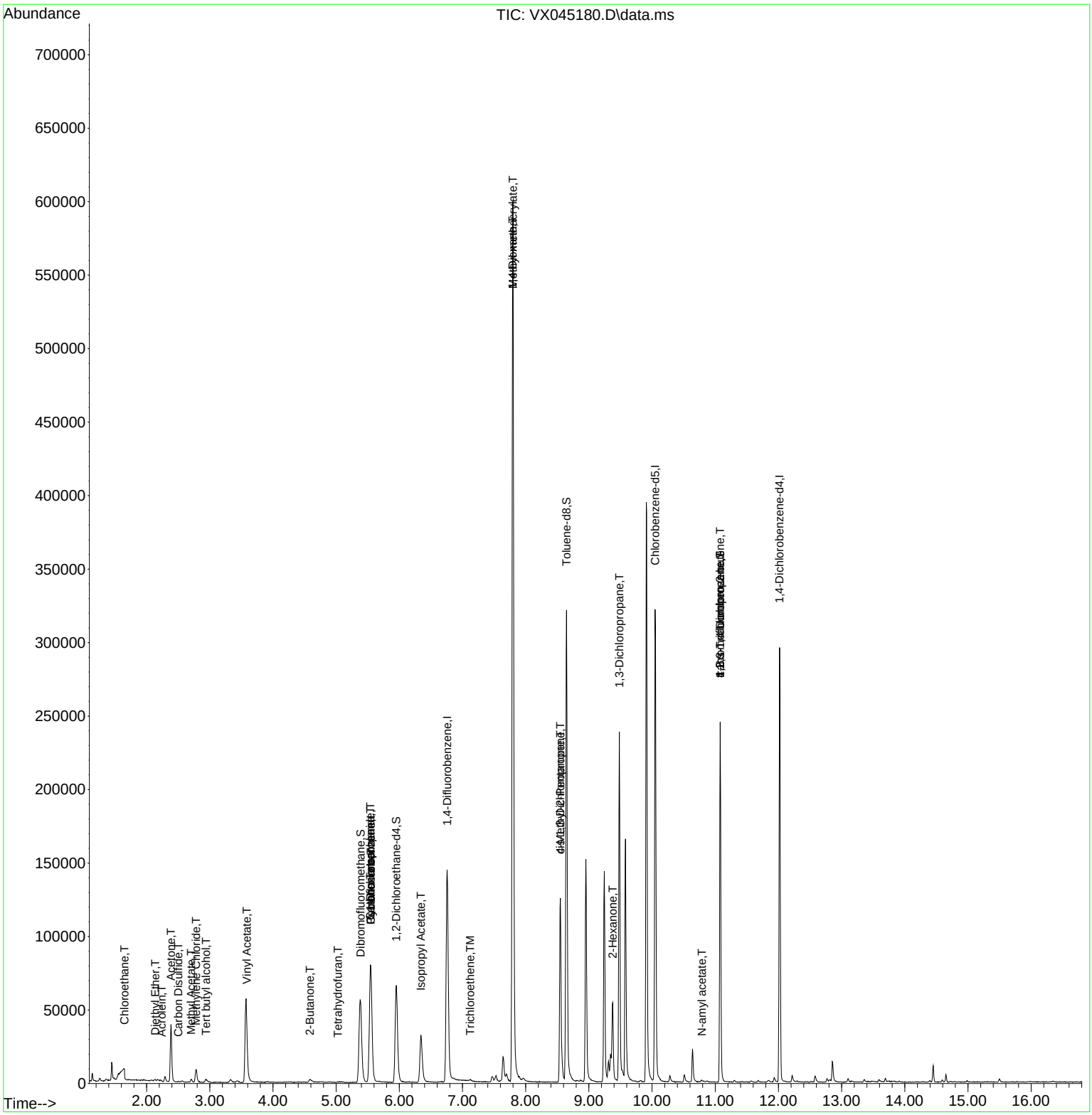
(#) = qualifier out of range (m) = manual integration (+) = signals summed

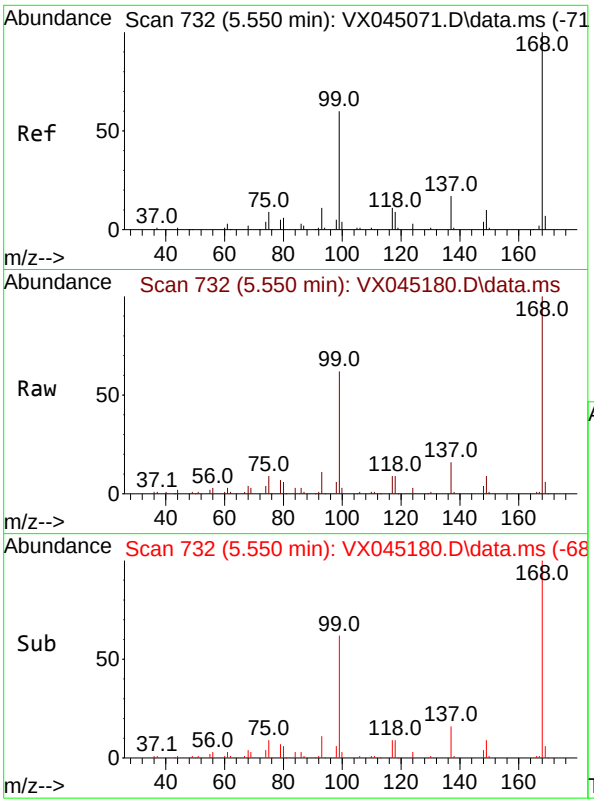
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045180.D
Acq On : 06 Mar 2025 19:45
Operator : JC/MD
Sample : Q1478-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Quant Time: Mar 07 00:51:08 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



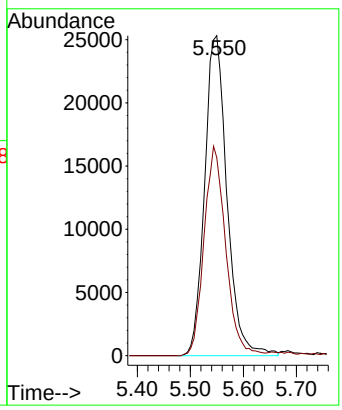


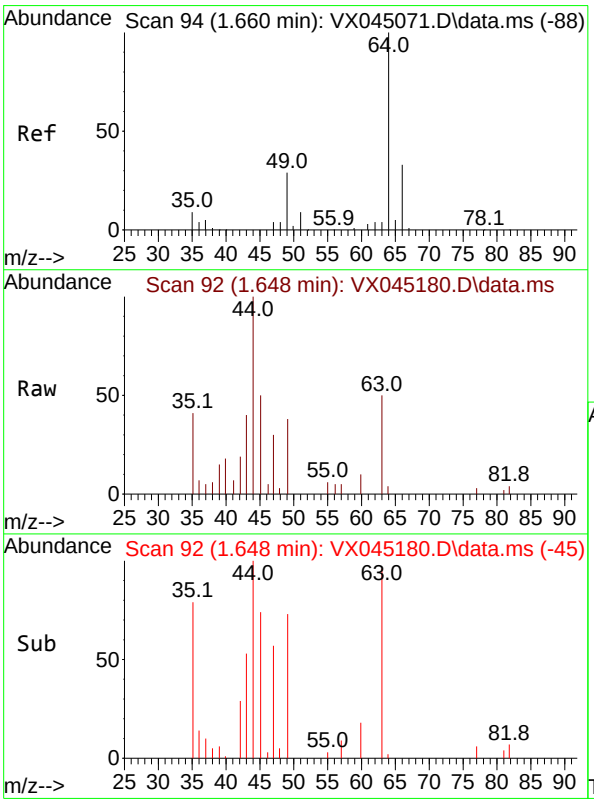
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion:168 Resp: 74182

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.2	72.4

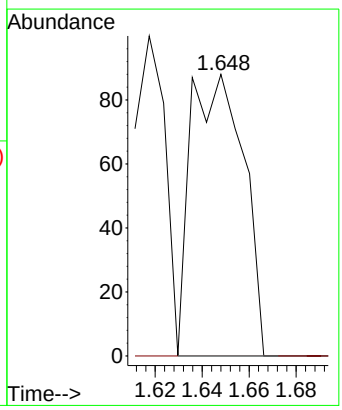


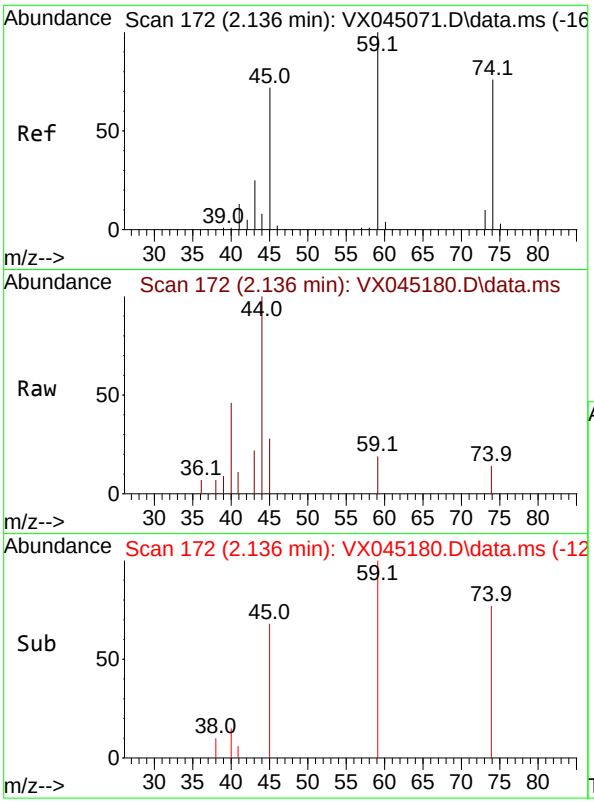


#6
Chloroethane
Concen: 0.264 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 64 Resp: 138

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.7	40.1#



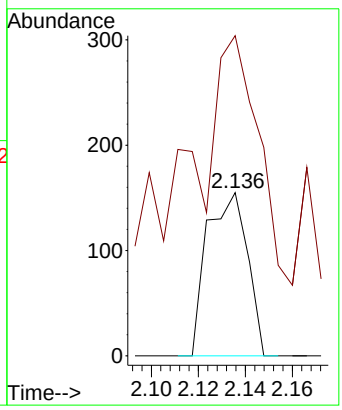


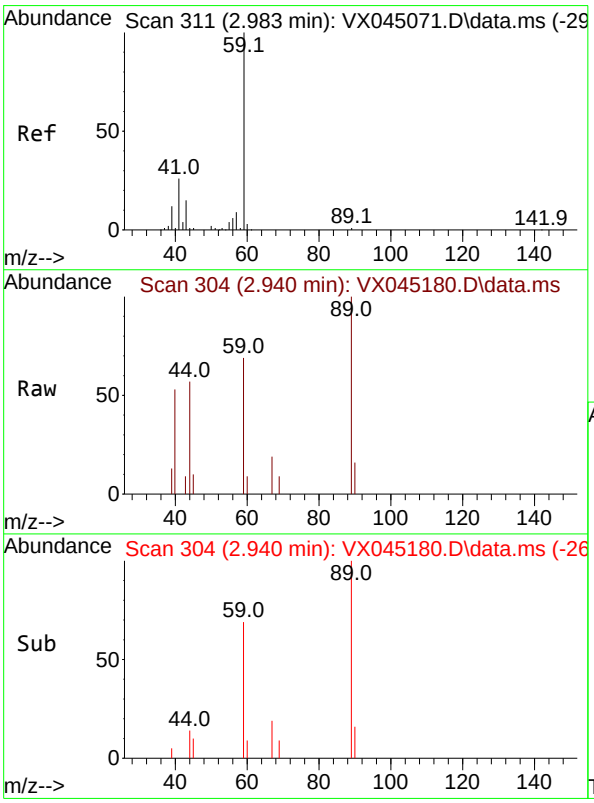
#8
Diethyl Ether
Concen: 0.313 ug/l
RT: 2.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 74 Resp: 184

Ion	Ratio	Lower	Upper
74	100		
45	256.0	51.5	154.5#

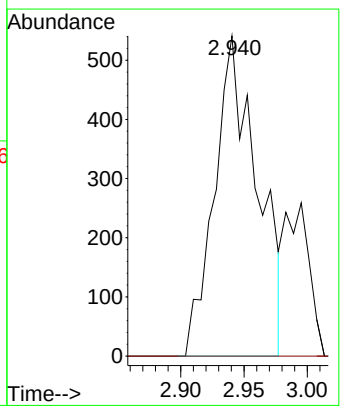


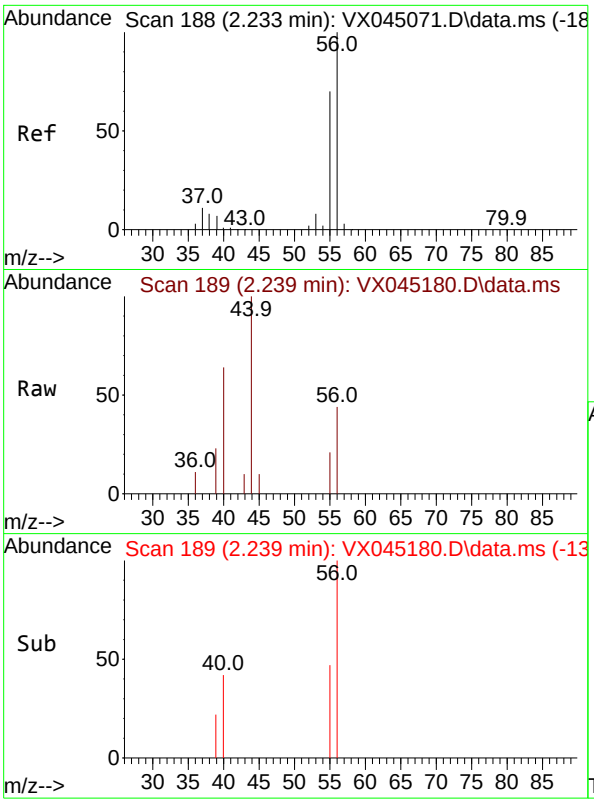


#11
Tert butyl alcohol
Concen: 5.696 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 59 Resp: 1273

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



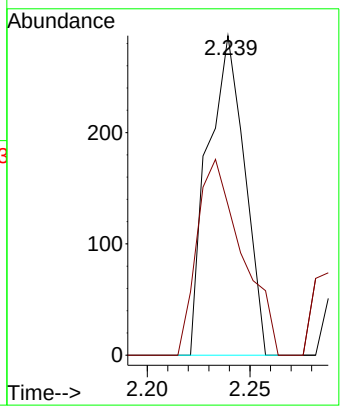


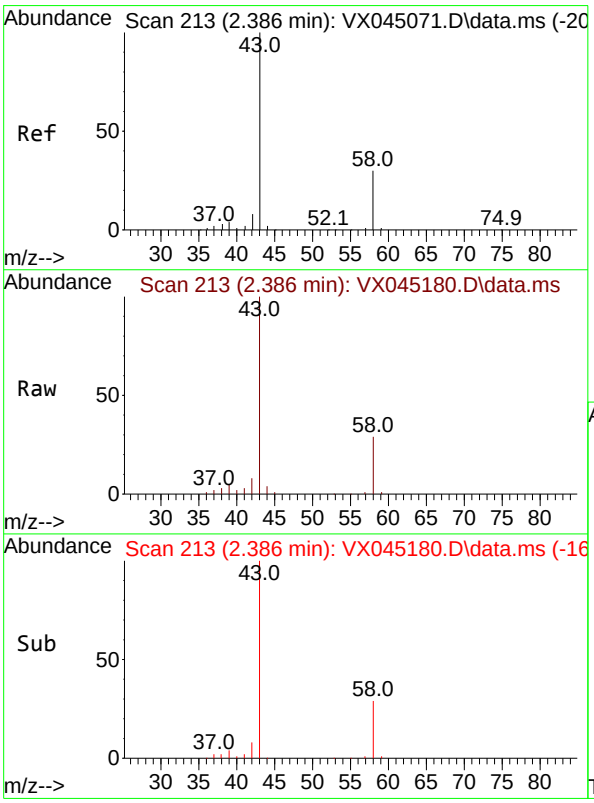
#13
Acrolein
Concen: 1.378 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 56 Resp: 356

Ion	Ratio	Lower	Upper
56	100		
55	75.6	56.2	84.4

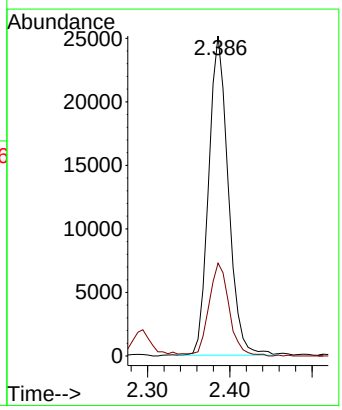


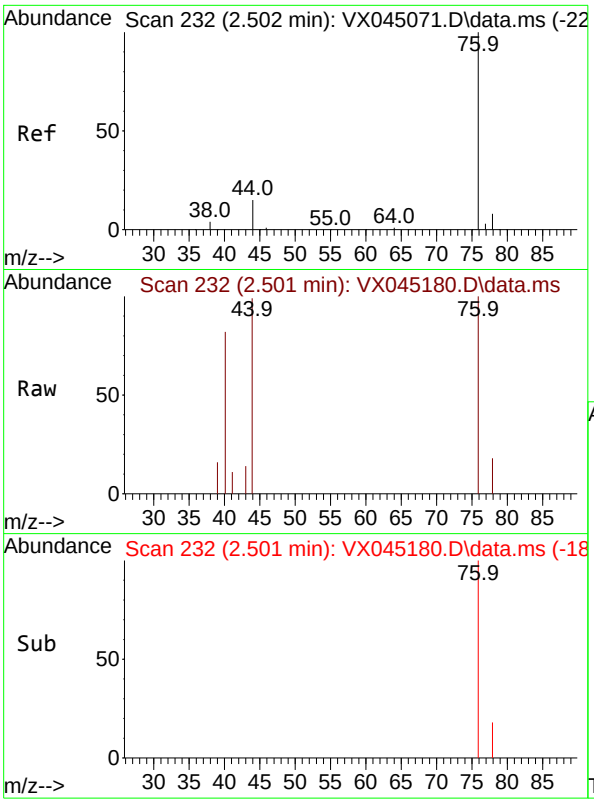


#16
Acetone
Concen: 76.097 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 43 Resp: 41661

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.2	36.4



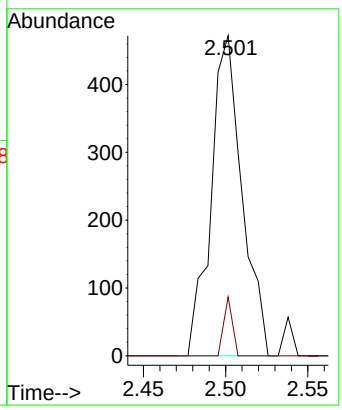


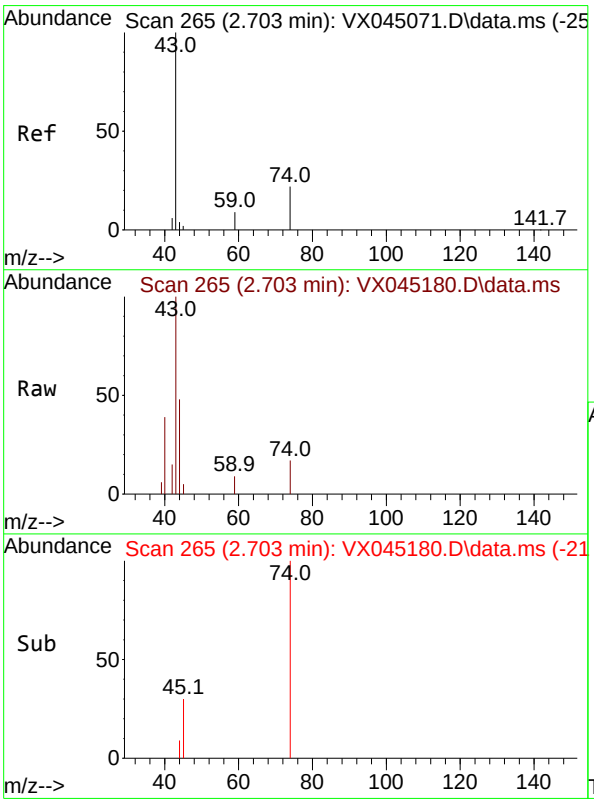
#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 76 Resp: 619

Ion	Ratio	Lower	Upper
76	100		
78	18.4	6.6	9.8#

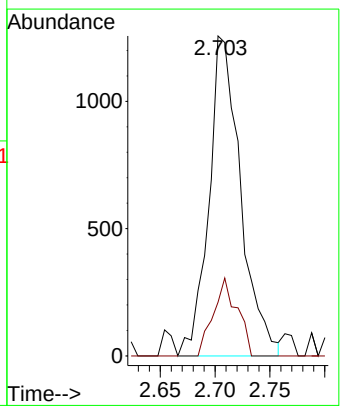


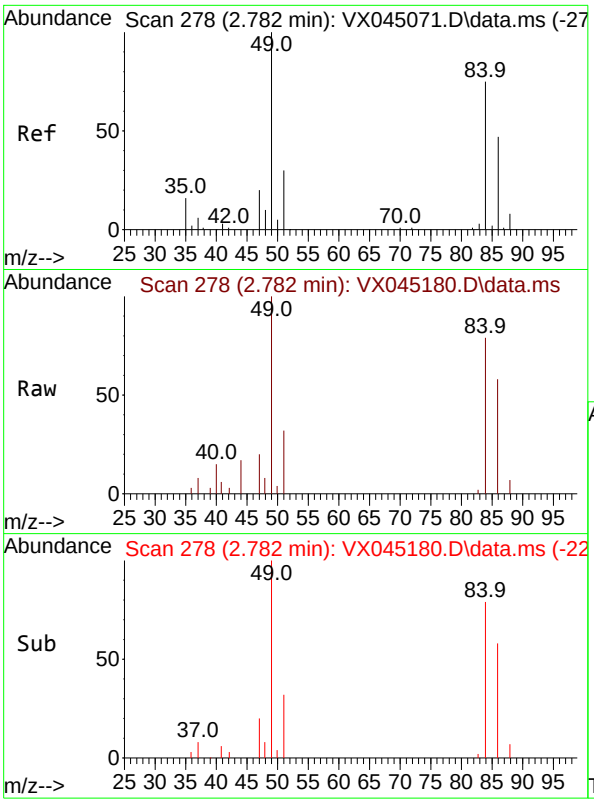


#18
Methyl Acetate
Concen: 1.918 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 43 Resp: 2526

Ion	Ratio	Lower	Upper
43	100		
74	18.4	17.4	26.2



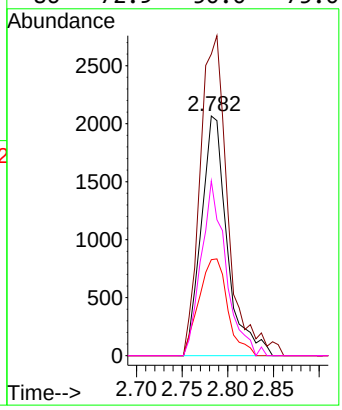


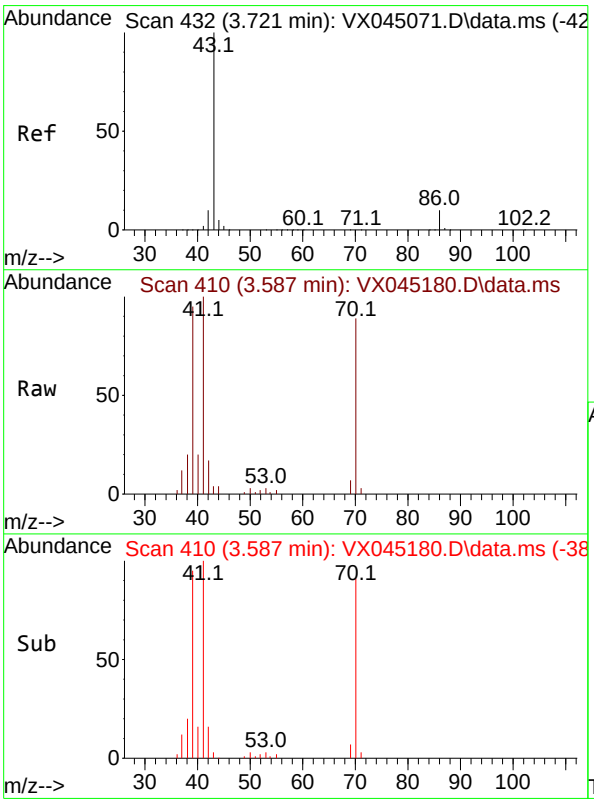
#20
Methylene Chloride
Concen: 3.746 ug/l
RT: 2.782 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 84 Resp: 4062

Ion	Ratio	Lower	Upper
84	100		
49	125.8	106.5	159.7
51	40.0	32.1	48.1
86	72.9	50.0	75.0

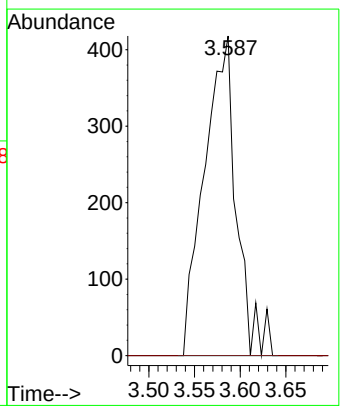


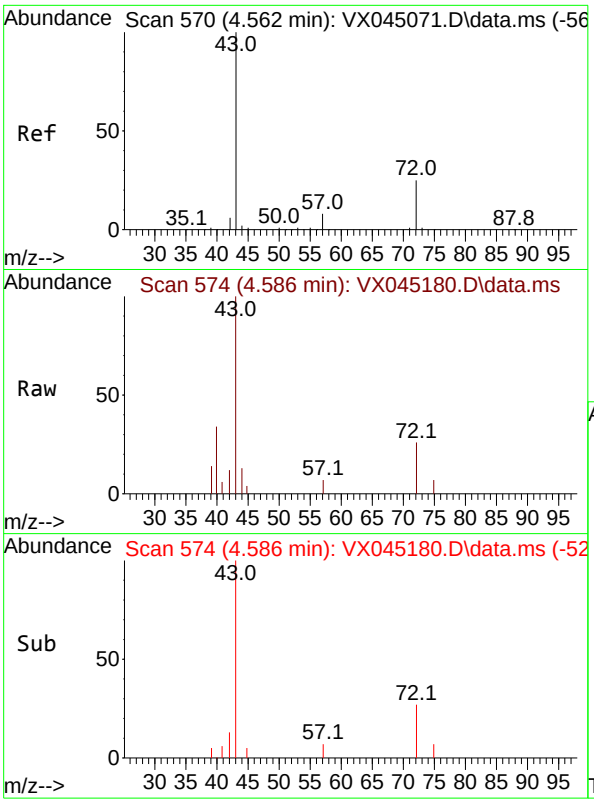


#23
Vinyl Acetate
Concen: 0.372 ug/l
RT: 3.587 min Scan# 410
Delta R.T. -0.134 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 43 Resp: 1024

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#



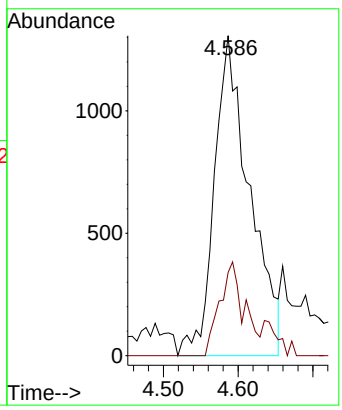


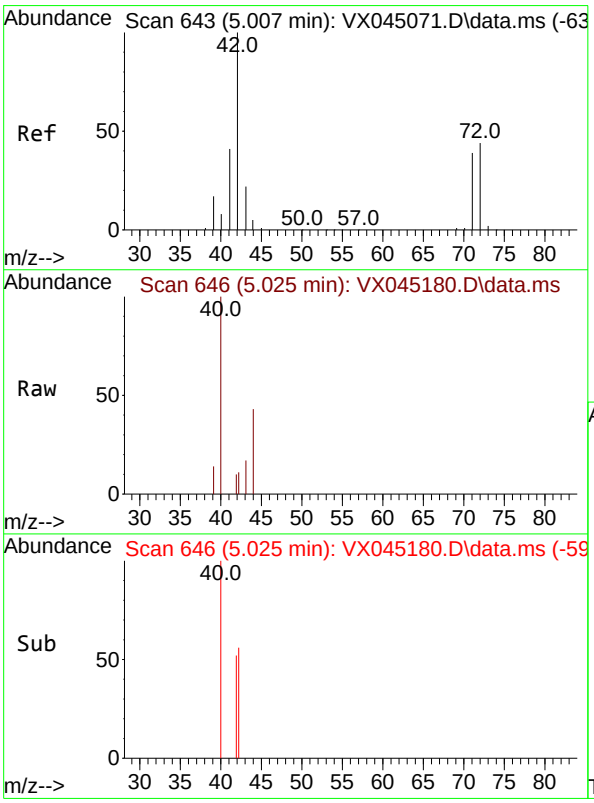
#25
2-Butanone
Concen: 5.208 ug/l
RT: 4.586 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 43 Resp: 4292

Ion	Ratio	Lower	Upper
43	100		
72	26.0	20.0	30.0

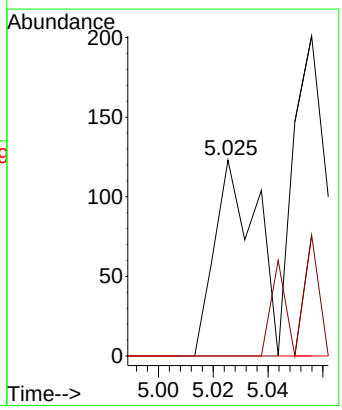


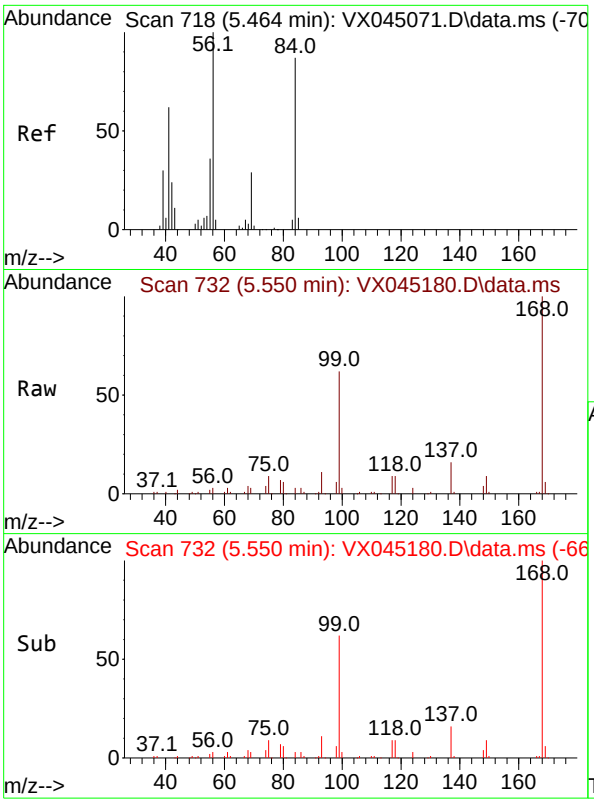


#29
Tetrahydrofuran
Concen: 0.237 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 42 Resp: 131

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



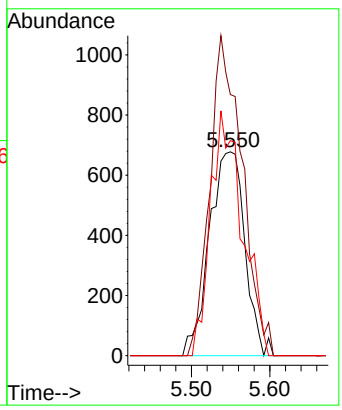


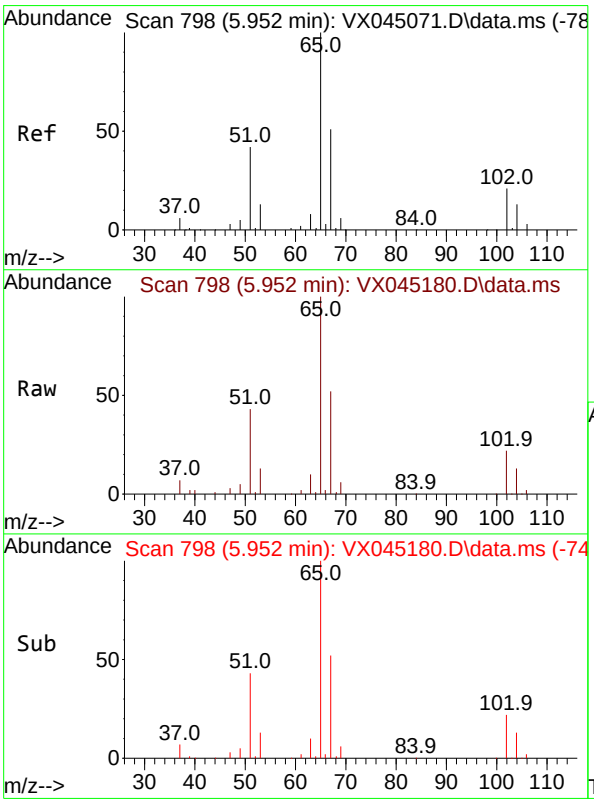
#31
Cyclohexane
Concen: 1.326 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.085 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 56 Resp: 2129

Ion	Ratio	Lower	Upper
56	100		
69	128.0	23.4	35.2#
84	105.5	69.4	104.2#

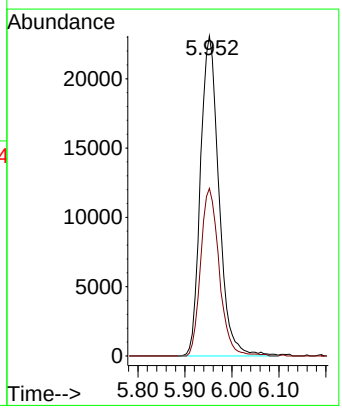


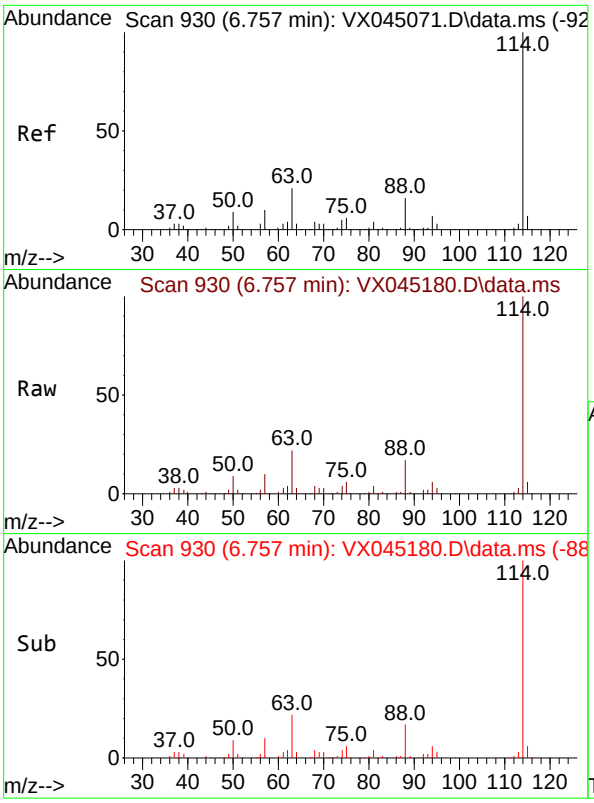


#33
1,2-Dichloroethane-d4
Concen: 53.338 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 65 Resp: 62937

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



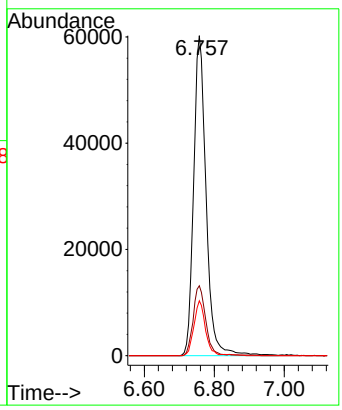


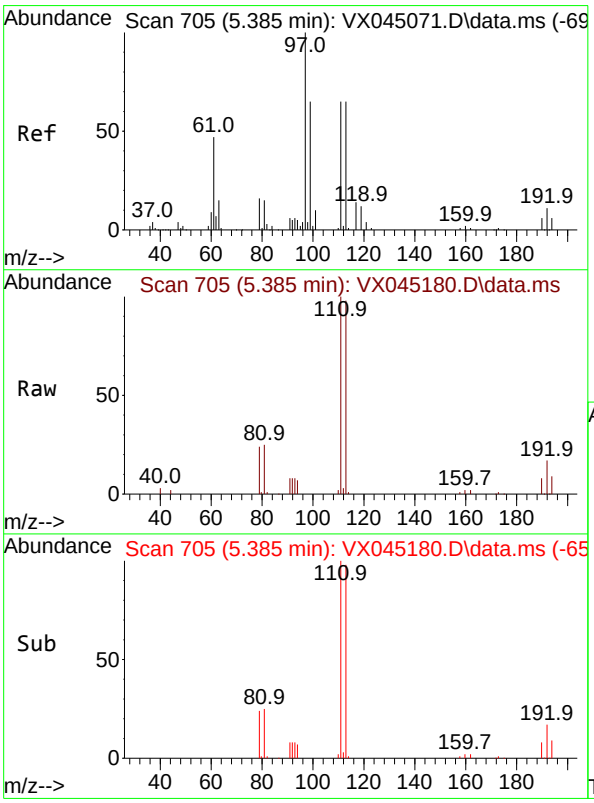
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion:114 Resp: 149089

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.8
88	17.2	0.0	32.8

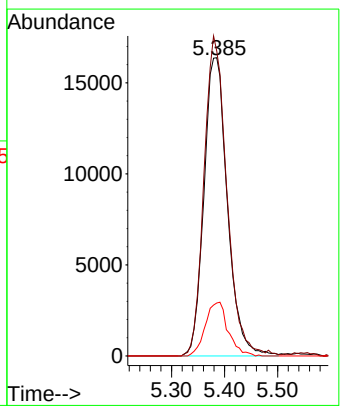


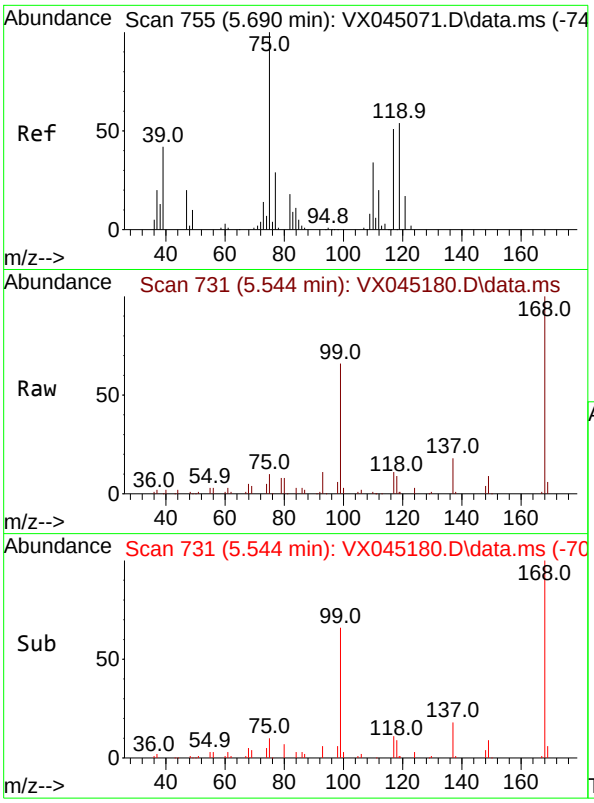


#35
Dibromofluoromethane
Concen: 50.518 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion:113 Resp: 50362

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	17.5	14.3	21.5



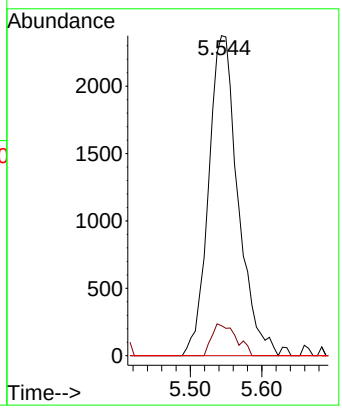


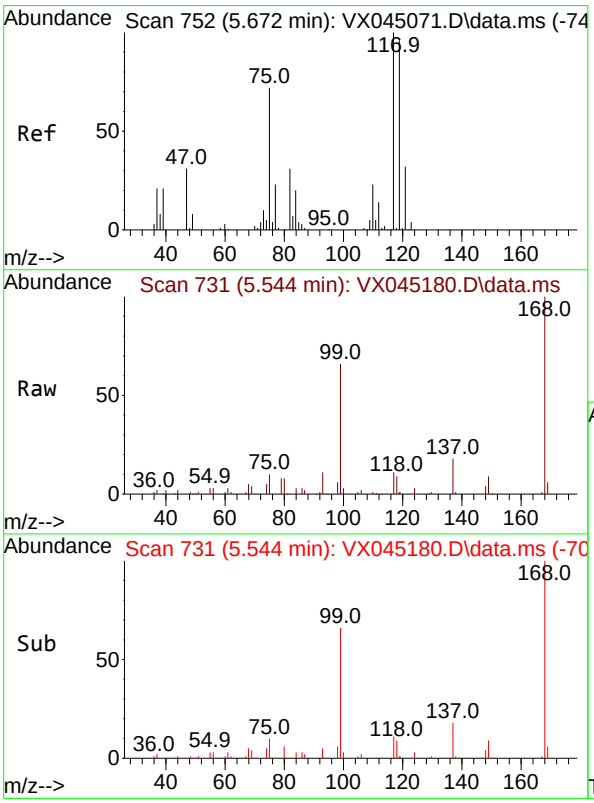
#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 75 Resp: 6788

Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.9	50.6#
77	0.0	24.5	36.7#

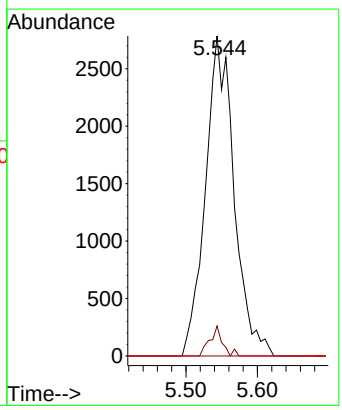


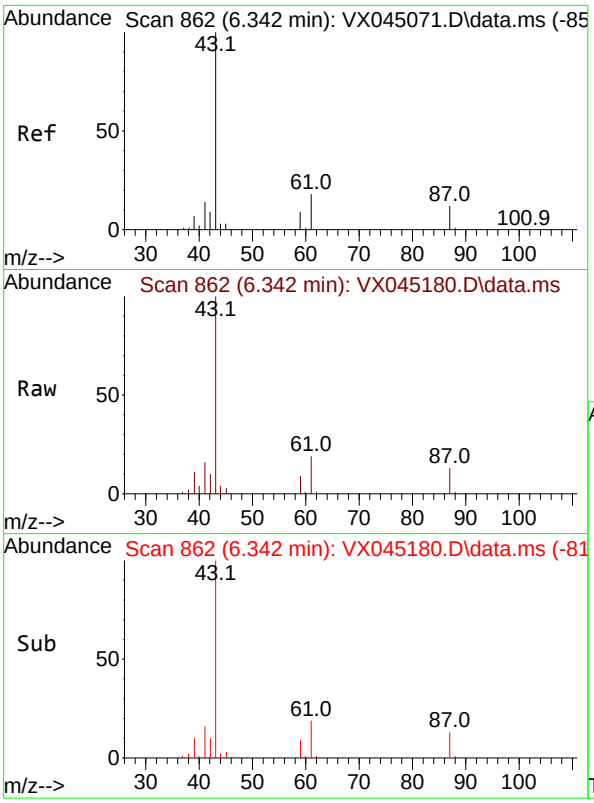


#38
Carbon Tetrachloride
Concen: 5.584 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion:117 Resp: 7750

Ion	Ratio	Lower	Upper
117	100		
119	9.3	76.7	115.1#
121	0.0	25.5	38.3#



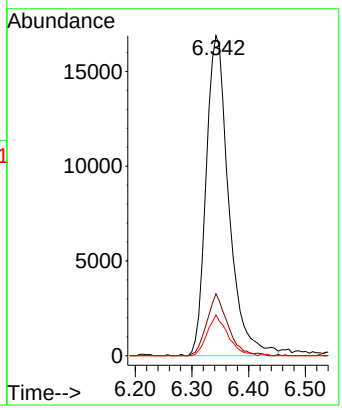


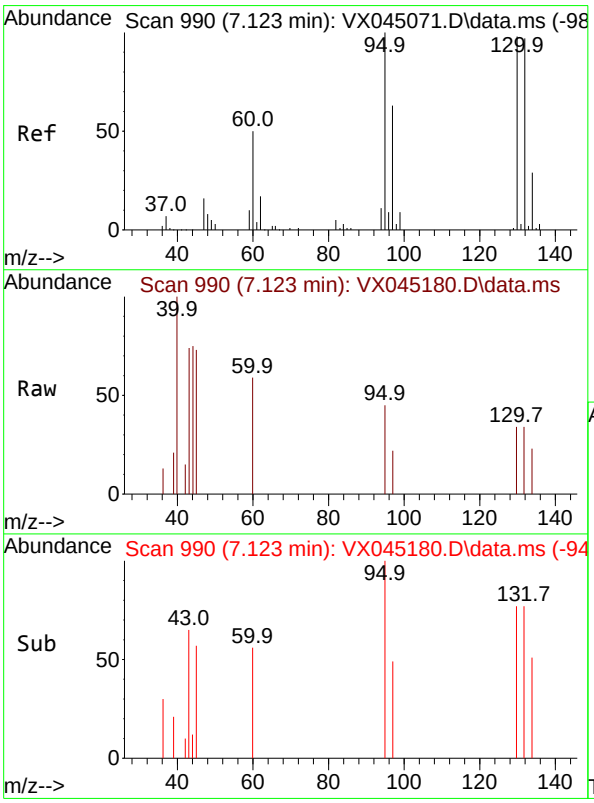
#43
Isopropyl Acetate
Concen: 18.022 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 43 Resp: 46947

Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.9	22.3
87	11.6	9.4	14.2

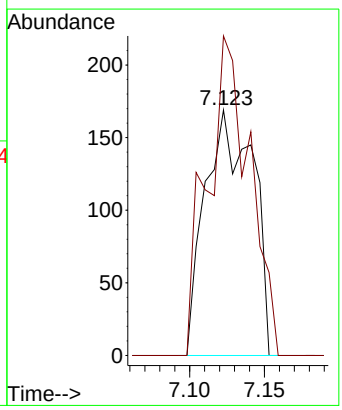


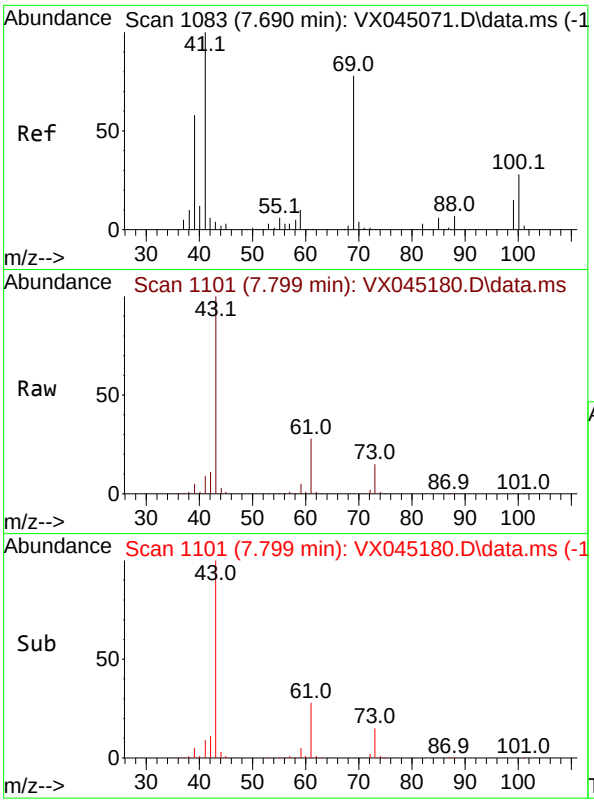


#44
Trichloroethene
Concen: 0.369 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion:130 Resp: 374

Ion	Ratio	Lower	Upper
130	100		
95	130.2	0.0	205.0



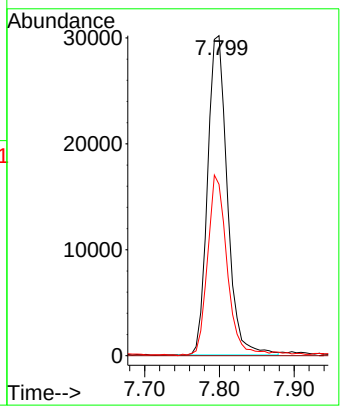


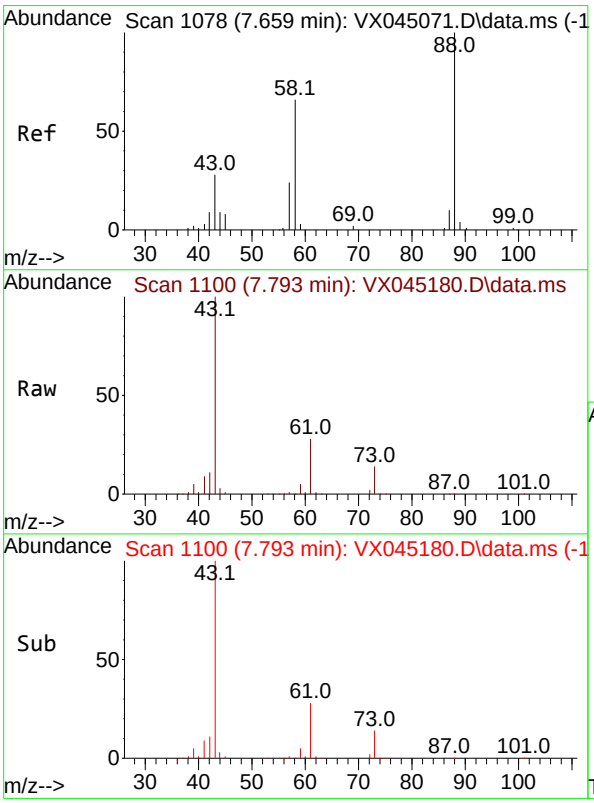
#48
Methyl methacrylate
Concen: 42.253 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.110 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 41 Resp: 55222

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	56.0	47.5	71.3

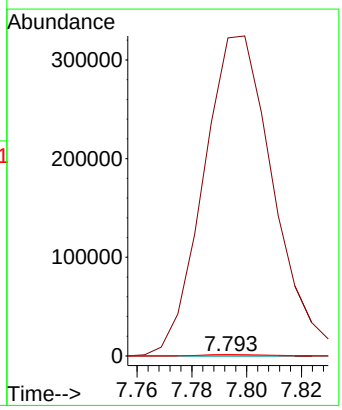


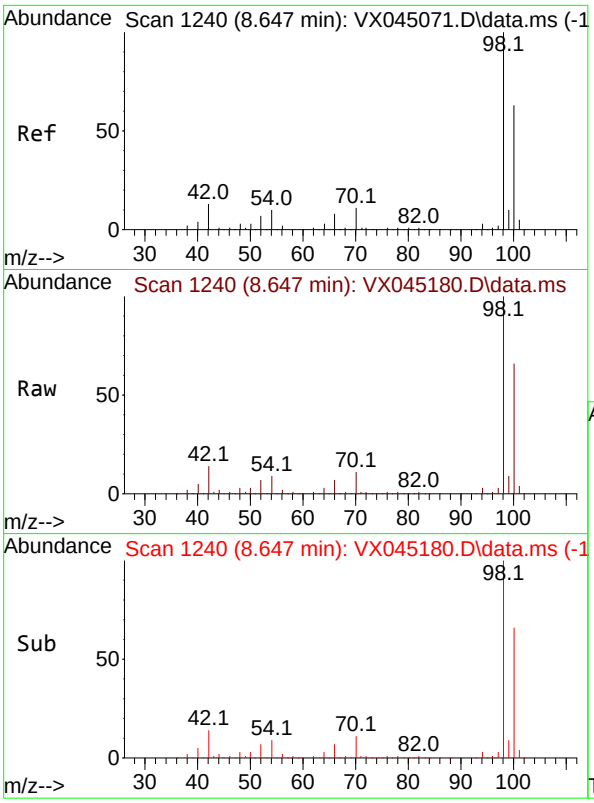


#49
1,4-Dioxane
Concen: 2.612 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	822873.6	28.7	43.1#
58	3754.2	55.8	83.8#



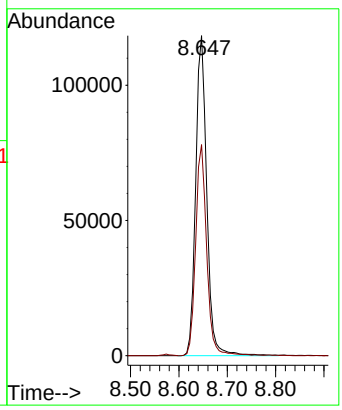


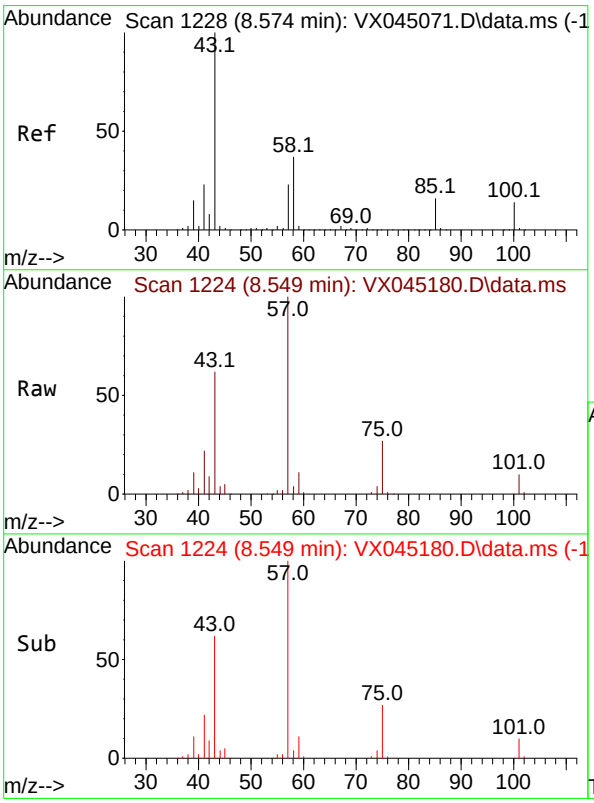
#50
Toluene-d8
Concen: 51.942 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 98 Resp: 187727

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0

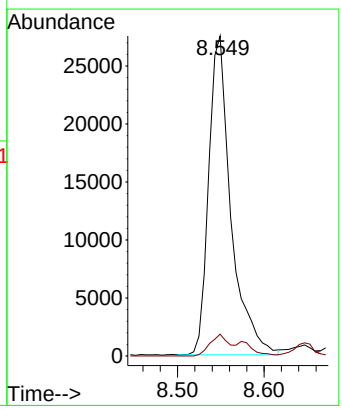


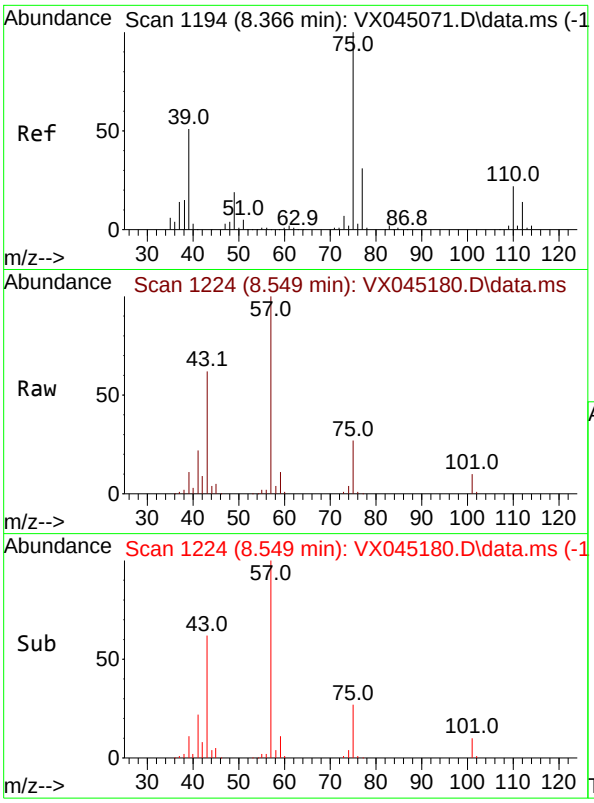


#51
4-Methyl-2-Pentanone
Concen: 28.056 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 43 Resp: 49073

Ion	Ratio	Lower	Upper
43	100		
58	6.1	29.2	43.8#



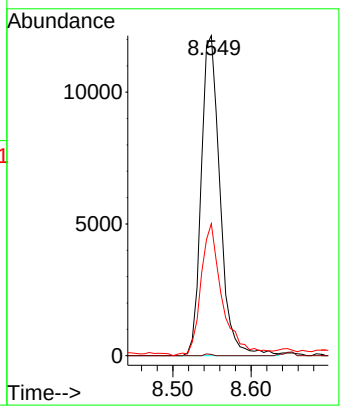


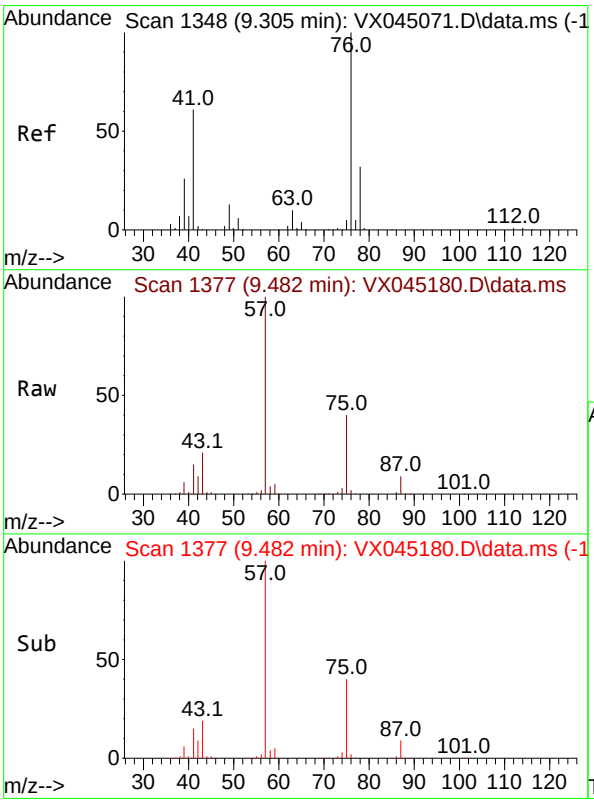
#54
cis-1,3-Dichloropropene
Concen: 13.484 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 75 Resp: 20229

Ion	Ratio	Lower	Upper
75	100		
77	0.4	24.7	37.1#
39	40.7	40.7	61.1

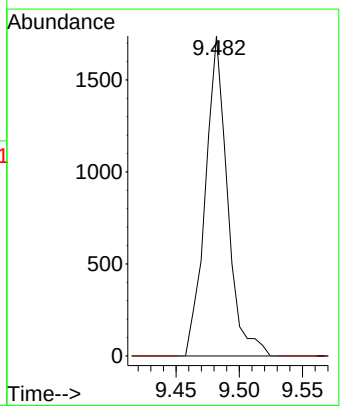


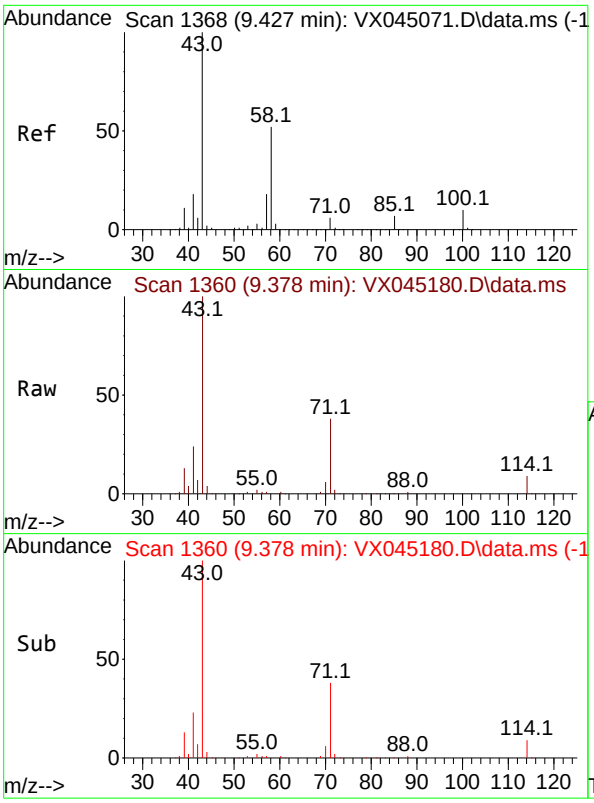


#57
1,3-Dichloropropane
Concen: 1.173 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 76 Resp: 2117

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



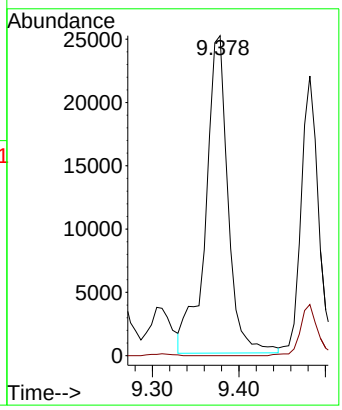


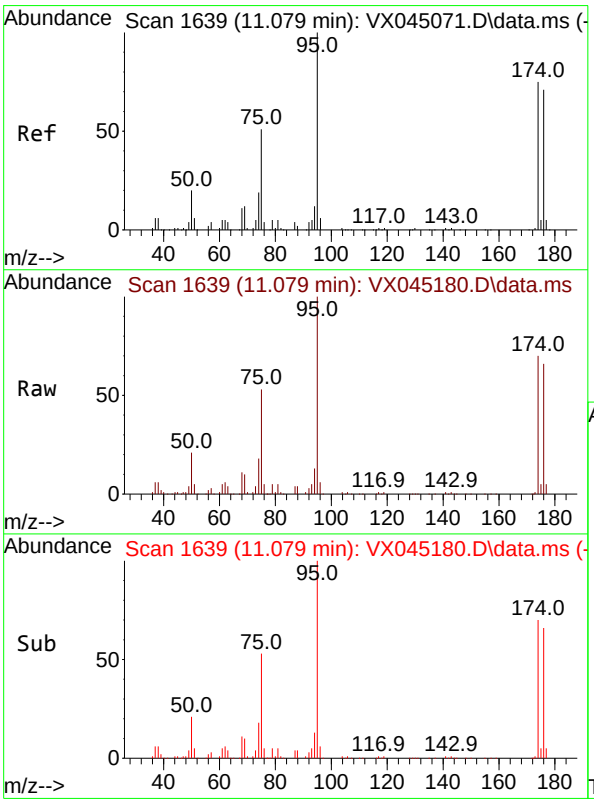
#59
2-Hexanone
Concen: 35.505 ug/l
RT: 9.378 min Scan# 1
Delta R.T. -0.049 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 43 Resp: 44996

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.6#

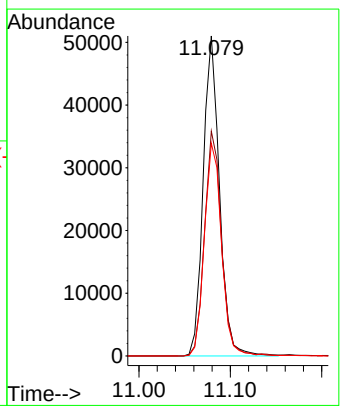


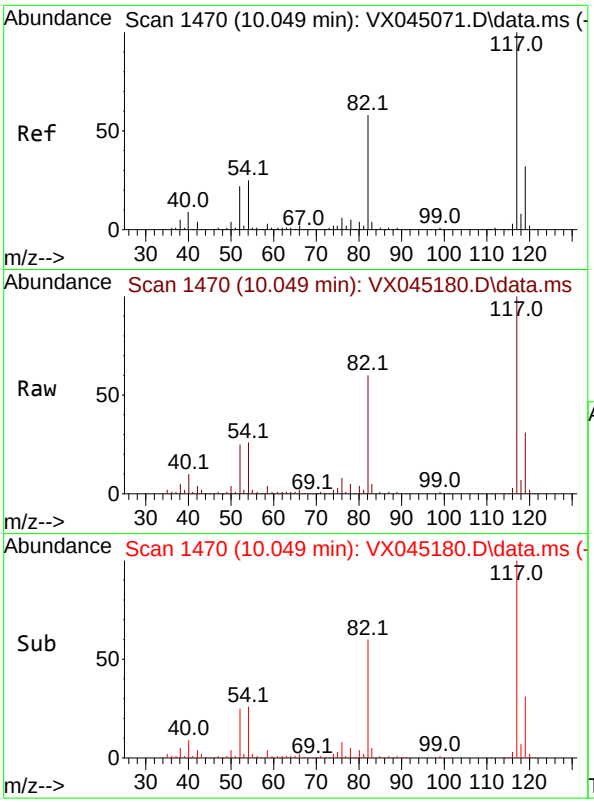


#62
4-Bromofluorobenzene
Concen: 52.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 95 Resp: 62997

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	148.2
176	70.0	0.0	141.4



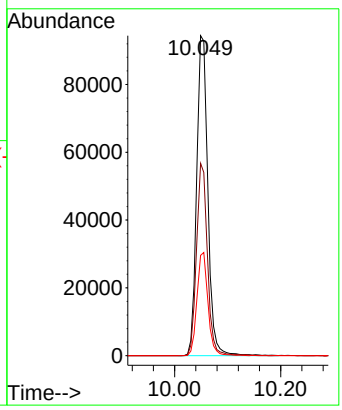


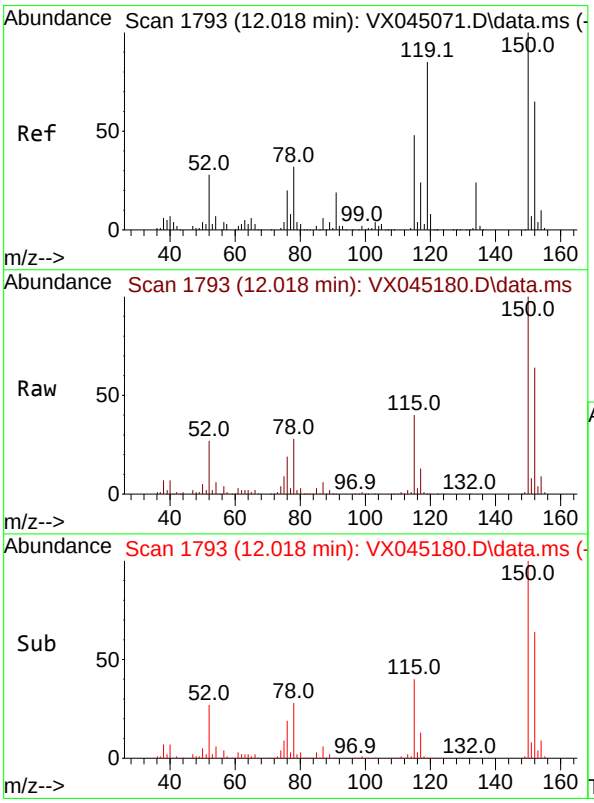
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion:117 Resp: 138397

Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.3	69.5
119	31.4	25.7	38.5

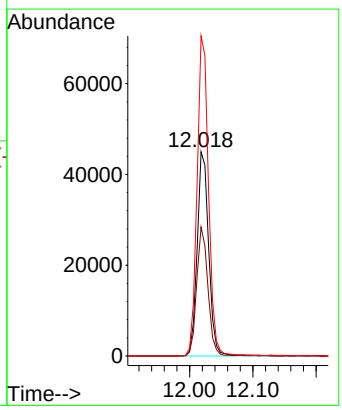


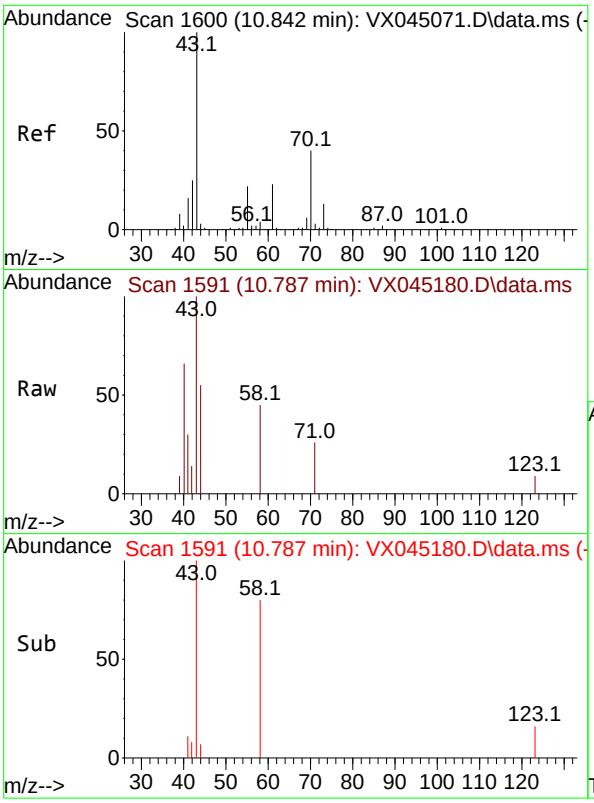


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion:152 Resp: 57244

Ion	Ratio	Lower	Upper
152	100		
115	61.3	44.2	132.6
150	155.6	0.0	349.0



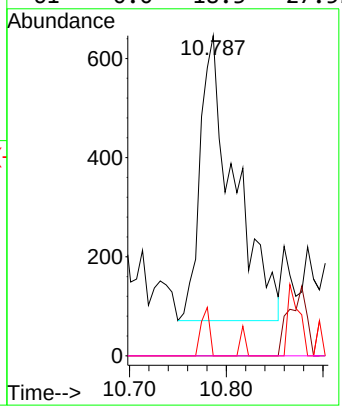


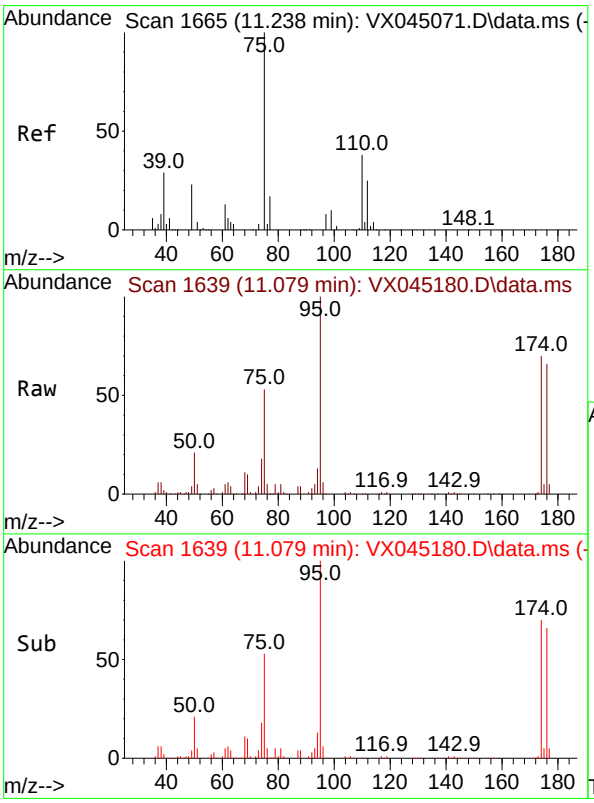
#74
N-amyl acetate
Concen: 0.673 ug/l
RT: 10.787 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 43 Resp: 1410

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.8	47.6#
55	4.3	18.3	27.5#
61	0.0	18.3	27.5#

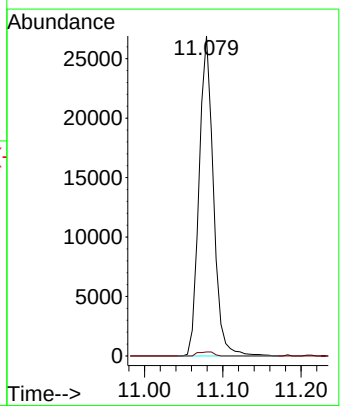


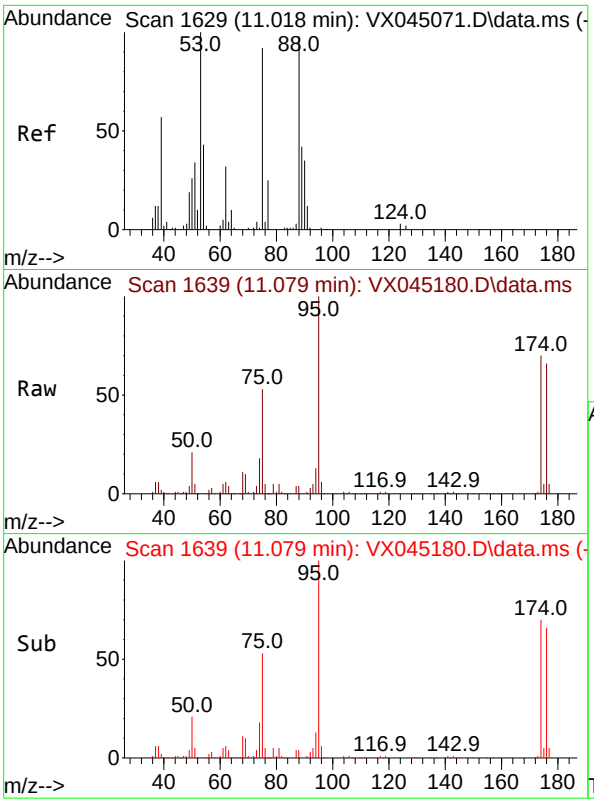


#76
1,2,3-Trichloropropane
Concen: 25.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 75 Resp: 34201

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.7	62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.846 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

Tgt Ion: 75 Resp: 34201

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