Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045170.D
Acq On : 06 Mar 2025 15:52
Operator : JC/MD
Sample : Q1488-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Quant Time: Mar 07 00:45:58 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

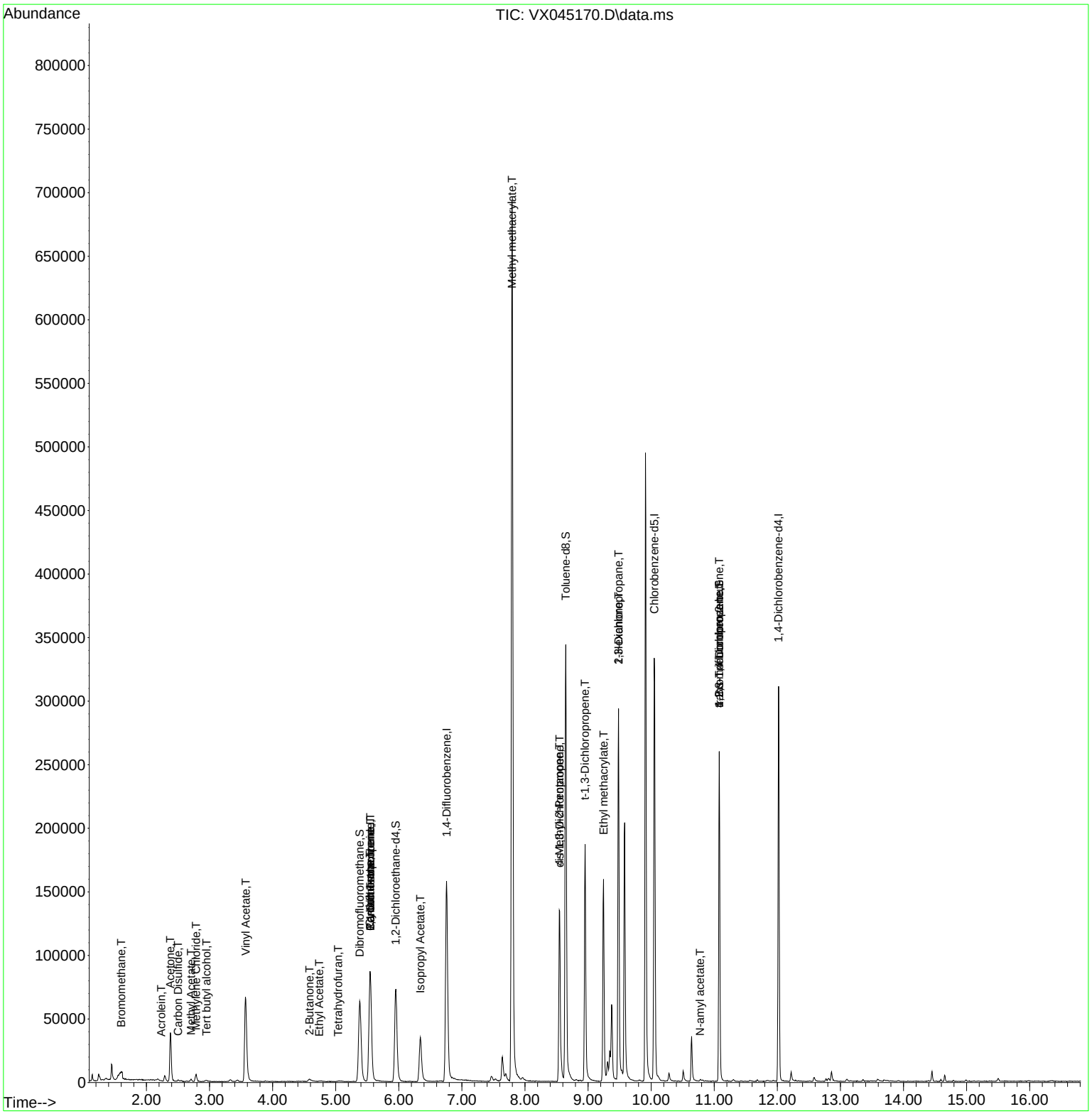
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	78735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68170	54.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.860%			
35) Dibromofluoromethane	5.379	113	55628	51.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.640%			
50) Toluene-d8	8.647	98	201436	51.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.520%			
62) 4-Bromofluorobenzene	11.079	95	67095	52.029	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.060%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	112	0.237	ug/l #	3
11) Tert butyl alcohol	2.953	59	944	3.979	ug/l #	73
13) Acrolein	2.233	56	257	0.937	ug/l #	69
16) Acetone	2.380	43	41771	71.886	ug/l	100
17) Carbon Disulfide	2.502	76	1195	0.464	ug/l #	77
18) Methyl Acetate	2.709	43	2222	1.590	ug/l	97
20) Methylene Chloride	2.788	84	2646	2.299	ug/l	89
23) Vinyl Acetate	3.575	43	1166	0.399	ug/l #	73
25) 2-Butanone	4.587	43	4567	5.221	ug/l	97
29) Tetrahydrofuran	5.038	42	427	0.727	ug/l #	55
31) Cyclohexane	5.544	56	2267	1.330	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	6869	4.666	ug/l #	50
37) Ethyl Acetate	4.739	43	1337	0.705	ug/l #	70
38) Carbon Tetrachloride	5.550	117	8494	5.683	ug/l #	17
43) Isopropyl Acetate	6.342	43	50668	18.063	ug/l	98
48) Methyl methacrylate	7.793	41	64322	45.708	ug/l #	46
51) 4-Methyl-2-Pentanone	8.543	43	54036	28.690	ug/l #	47
53) t-1,3-Dichloropropene	8.952	75	343	0.248	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	22257	13.778	ug/l #	69
56) Ethyl methacrylate	9.244	69	365	0.214	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2526	1.300	ug/l #	43
59) 2-Hexanone	9.482	43	38226	28.012	ug/l #	53
74) N-amyl acetate	10.775	43	949	0.433	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	36390	26.116	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36390	89.373	ug/l #	6

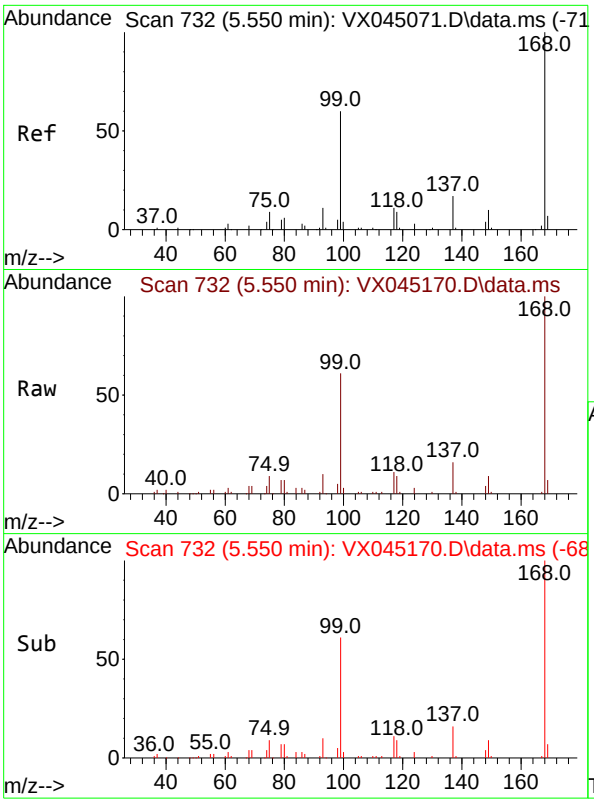
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045170.D
Acq On : 06 Mar 2025 15:52
Operator : JC/MD
Sample : Q1488-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Quant Time: Mar 07 00:45:58 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



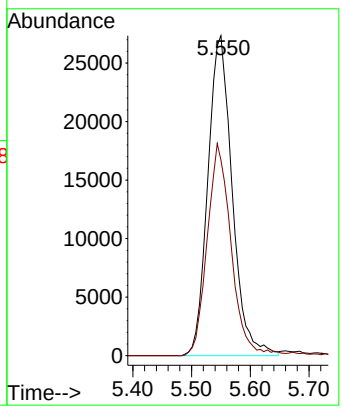


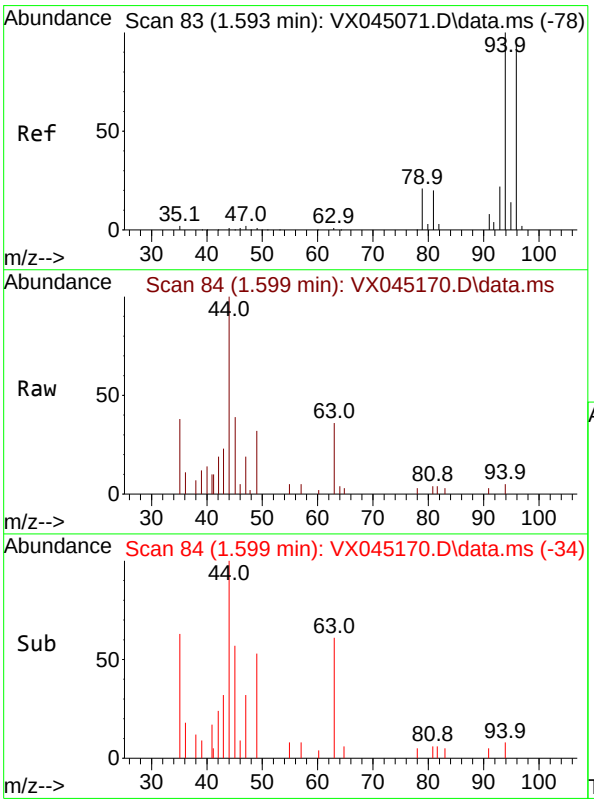
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion:168 Resp: 78735

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.2	72.4

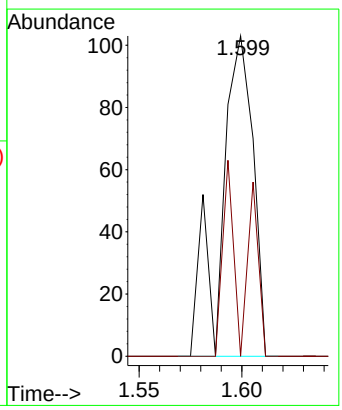


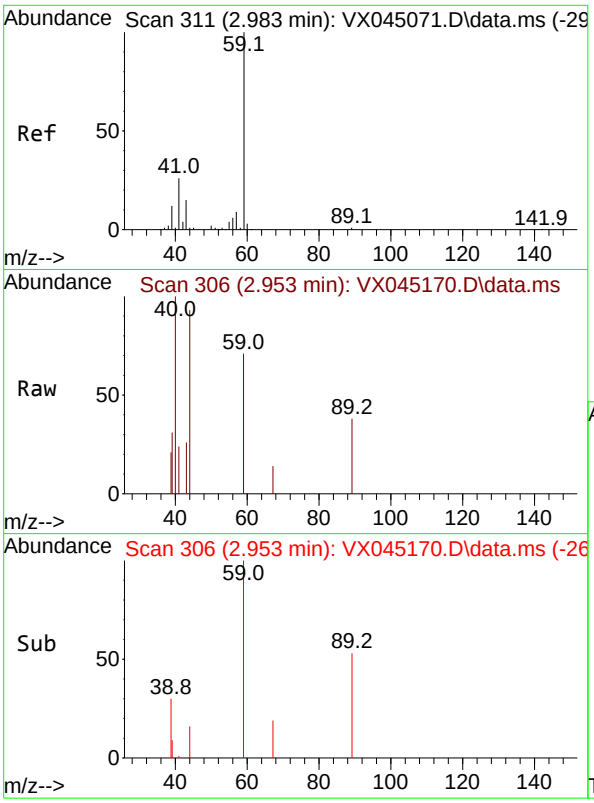


#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 94 Resp: 112

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.0	112.4#



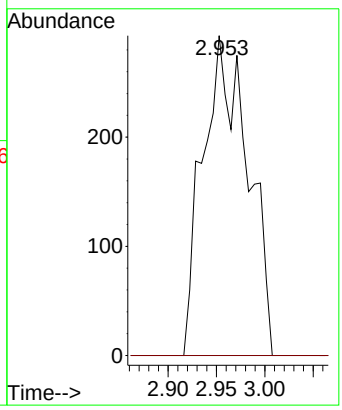


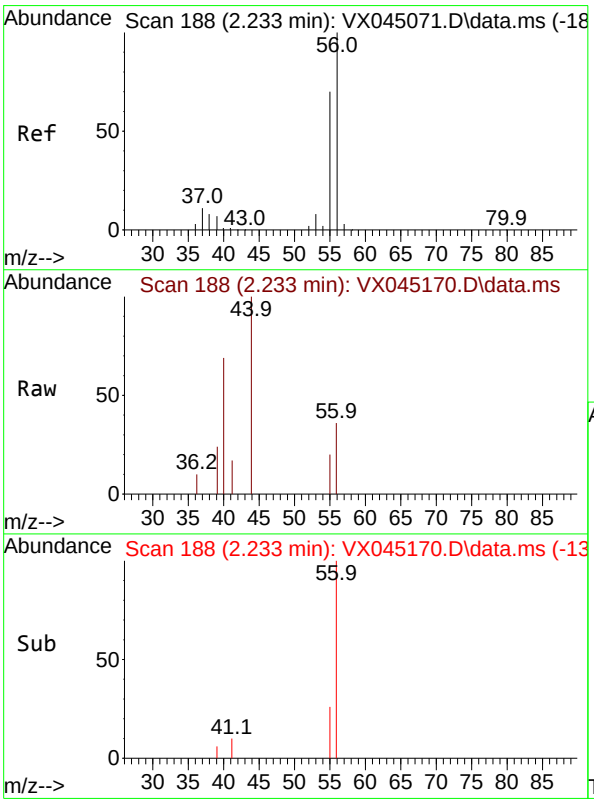
#11
Tert butyl alcohol
Concen: 3.979 ug/l
RT: 2.953 min Scan# 3
Delta R.T. -0.030 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 59 Resp: 944

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

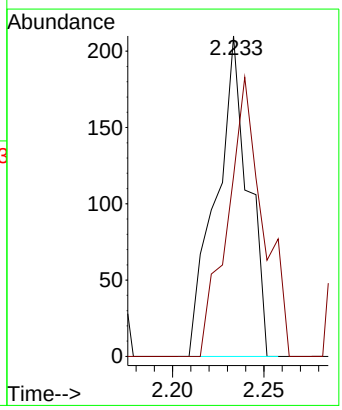


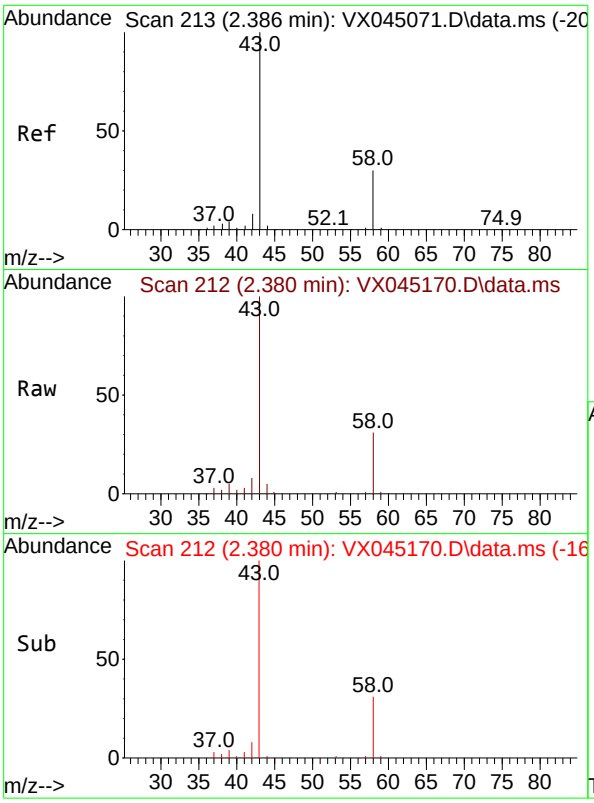


#13
Acrolein
Concen: 0.937 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 56 Resp: 257

Ion	Ratio	Lower	Upper
56	100		
55	95.7	56.2	84.4#



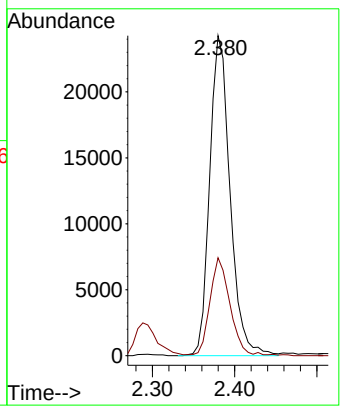


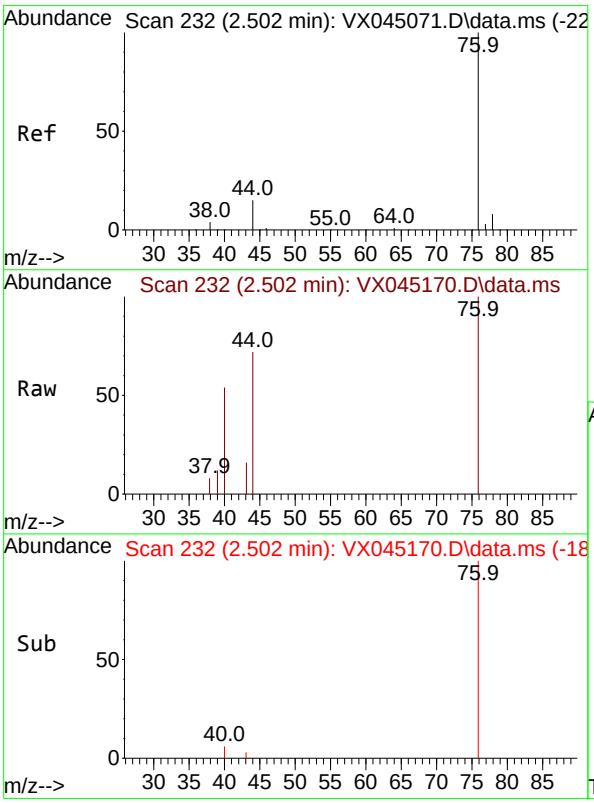
#16
Acetone
Concen: 71.886 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 43 Resp: 41771

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.2	36.4

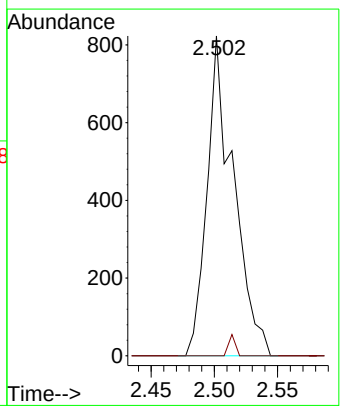


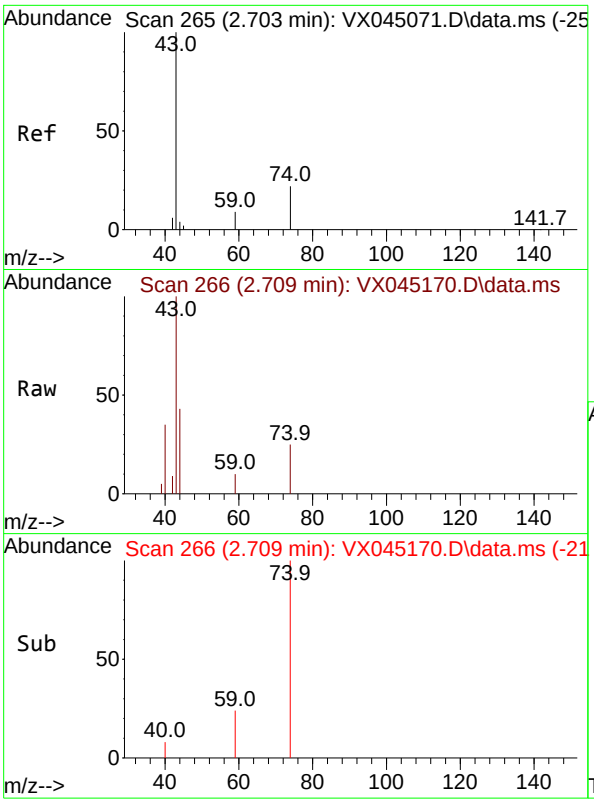


#17
Carbon Disulfide
Concen: 0.464 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 76 Resp: 1195

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#



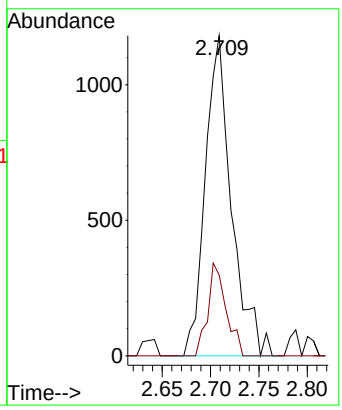


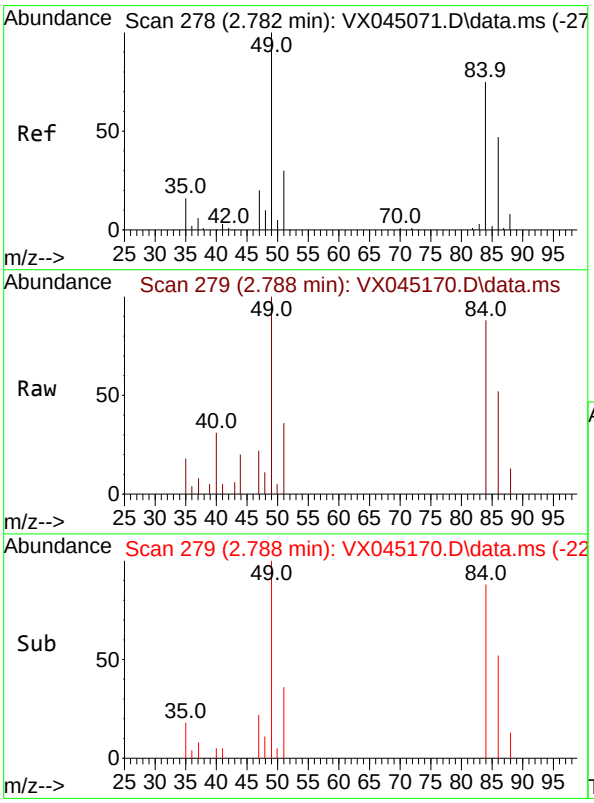
#18
Methyl Acetate
Concen: 1.590 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 43 Resp: 2222

Ion	Ratio	Lower	Upper
43	100		
74	20.2	17.4	26.2

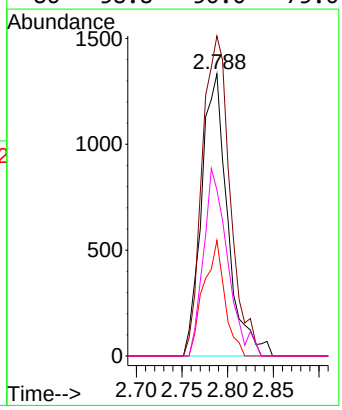


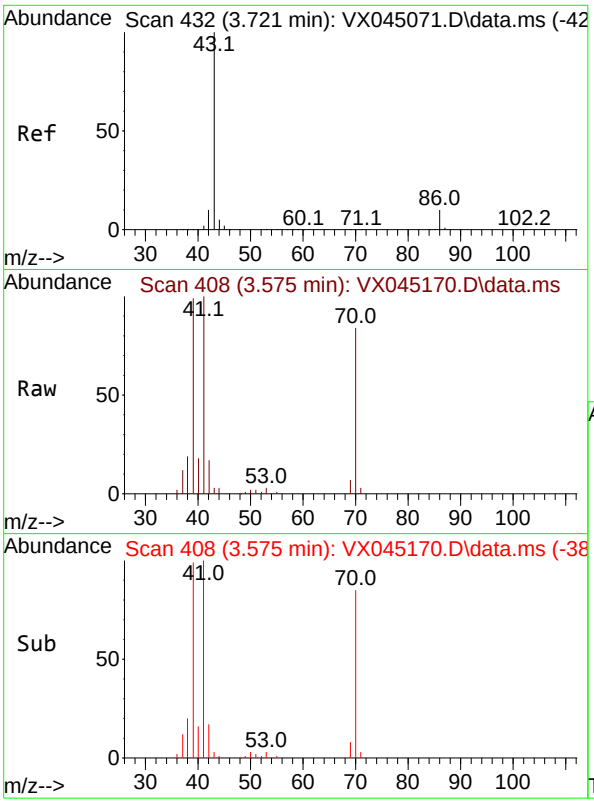


#20
Methylene Chloride
Concen: 2.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 84 Resp: 2646

Ion	Ratio	Lower	Upper
84	100		
49	113.4	106.5	159.7
51	41.0	32.1	48.1
86	58.8	50.0	75.0



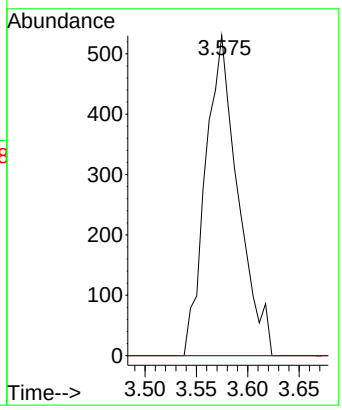


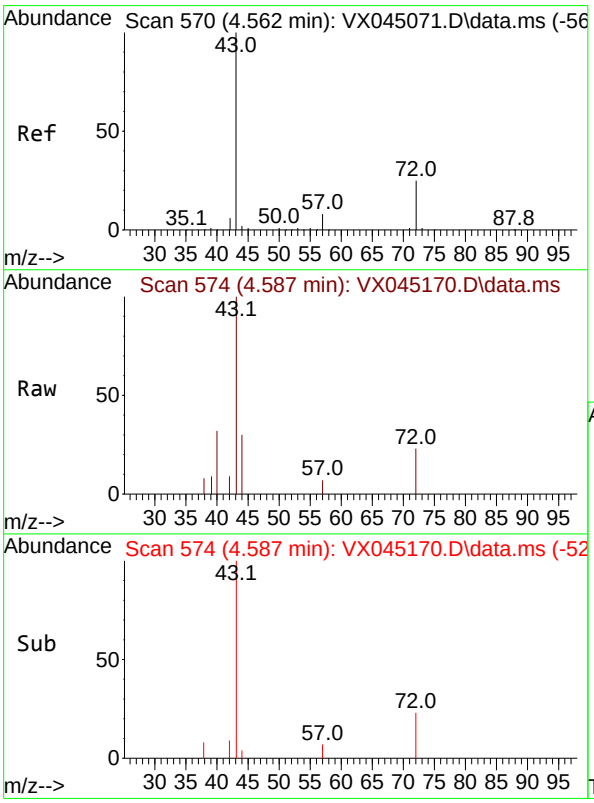
#23
Vinyl Acetate
Concen: 0.399 ug/l
RT: 3.575 min Scan# 4
Delta R.T. -0.146 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 43 Resp: 1166

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#

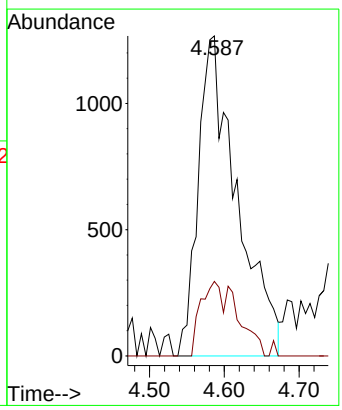


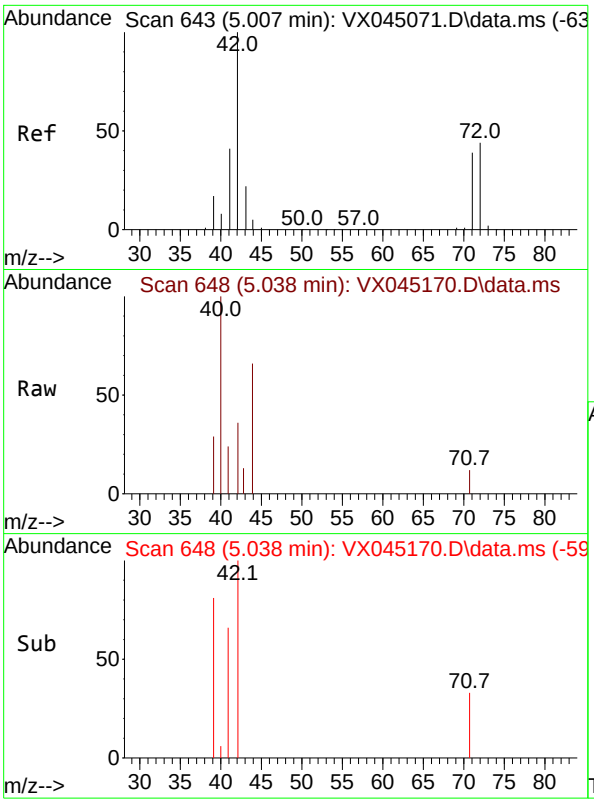


#25
2-Butanone
Concen: 5.221 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 43 Resp: 4567

Ion	Ratio	Lower	Upper
43	100		
72	23.3	20.0	30.0



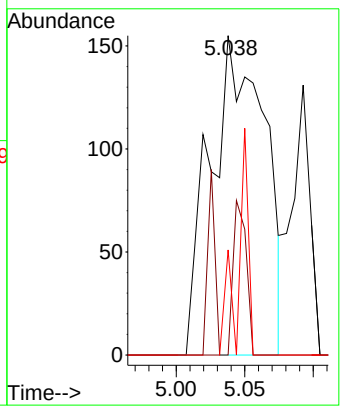


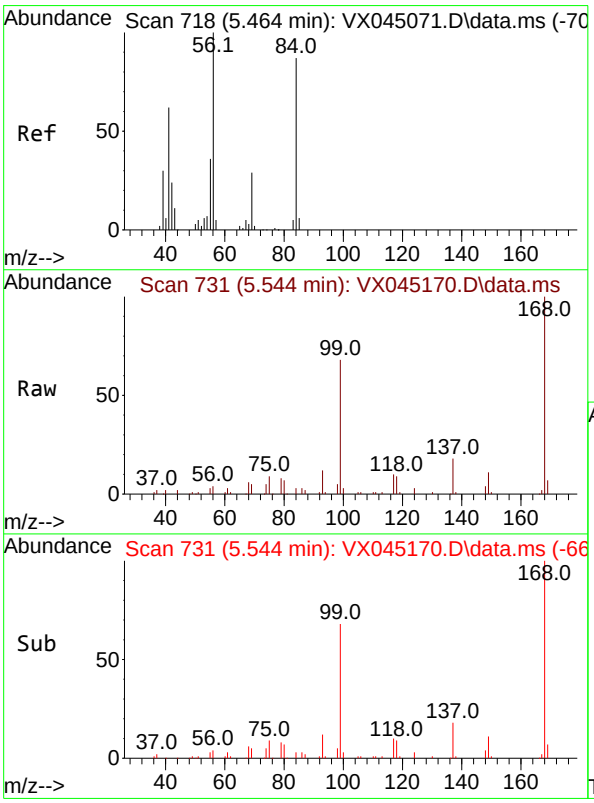
#29
Tetrahydrofuran
Concen: 0.727 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 42 Resp: 427

Ion	Ratio	Lower	Upper
42	100		
72	11.7	34.1	51.1#
71	13.8	31.4	47.0#

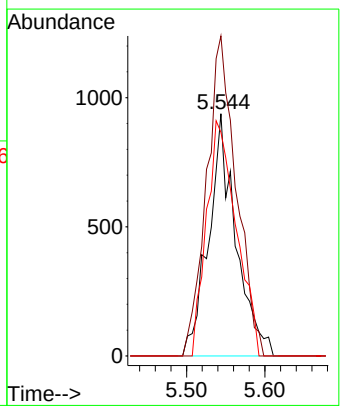


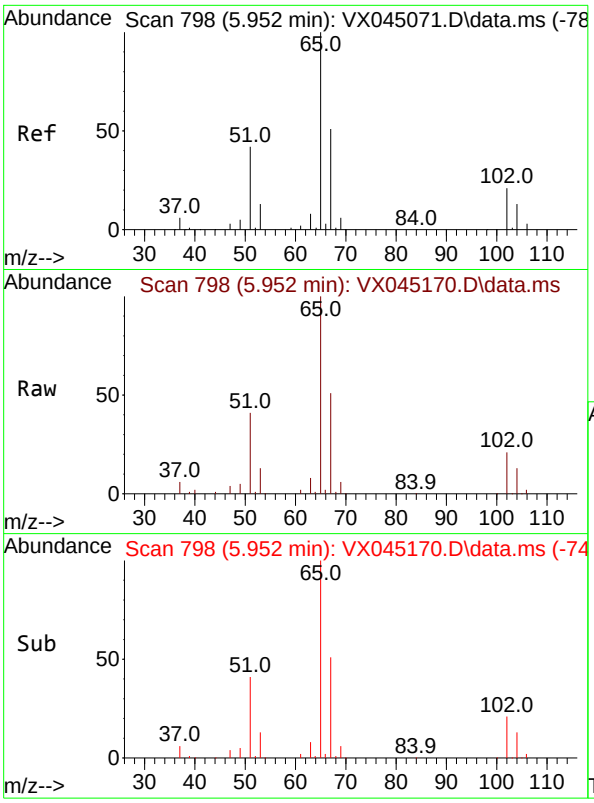


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 56 Resp: 2267

Ion	Ratio	Lower	Upper
56	100		
69	132.1	23.4	35.2#
84	92.3	69.4	104.2



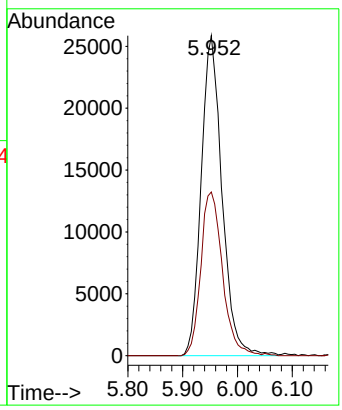


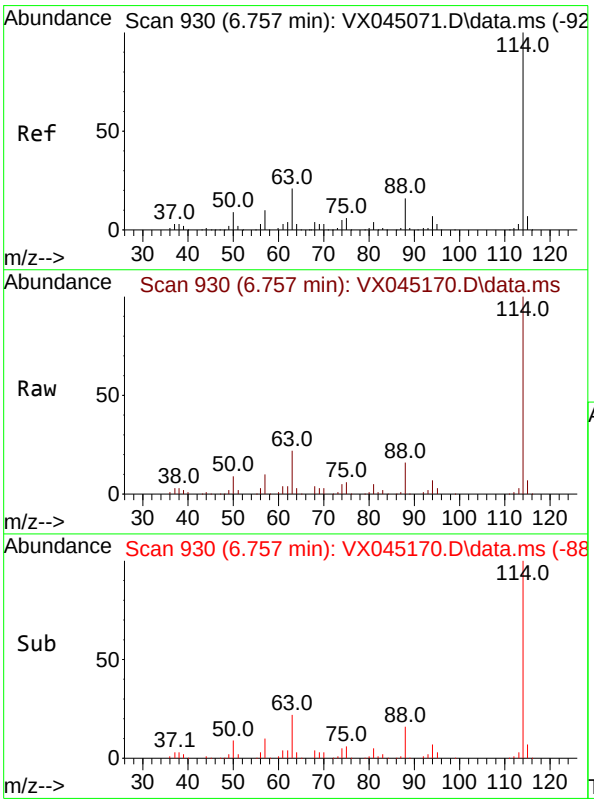
#33
1,2-Dichloroethane-d4
Concen: 54.432 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 65 Resp: 68170

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.2

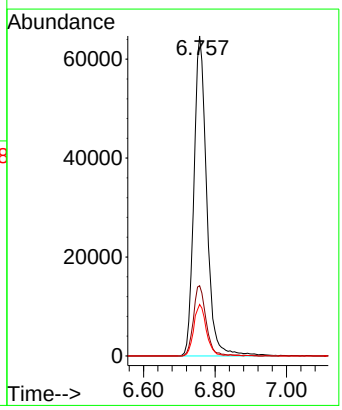


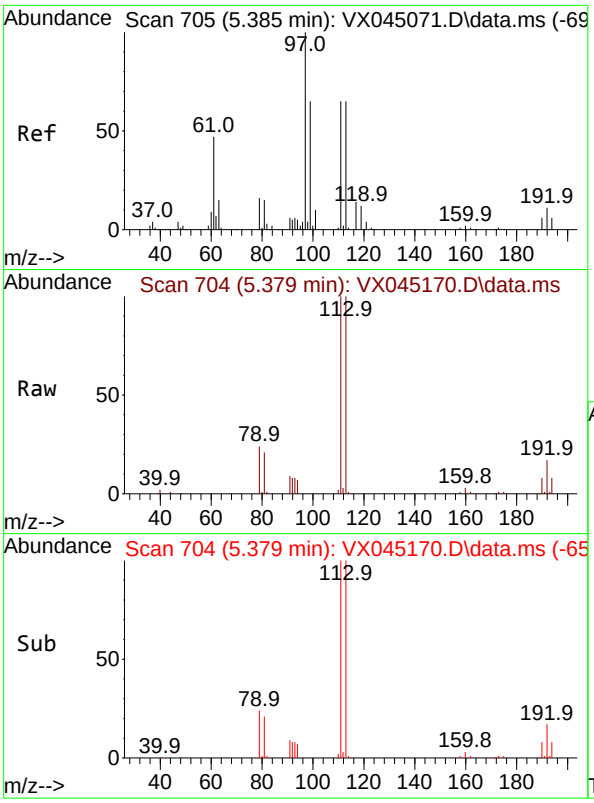


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion:114 Resp: 160534

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	16.1	0.0	32.8



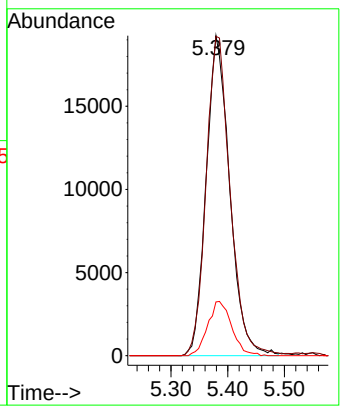


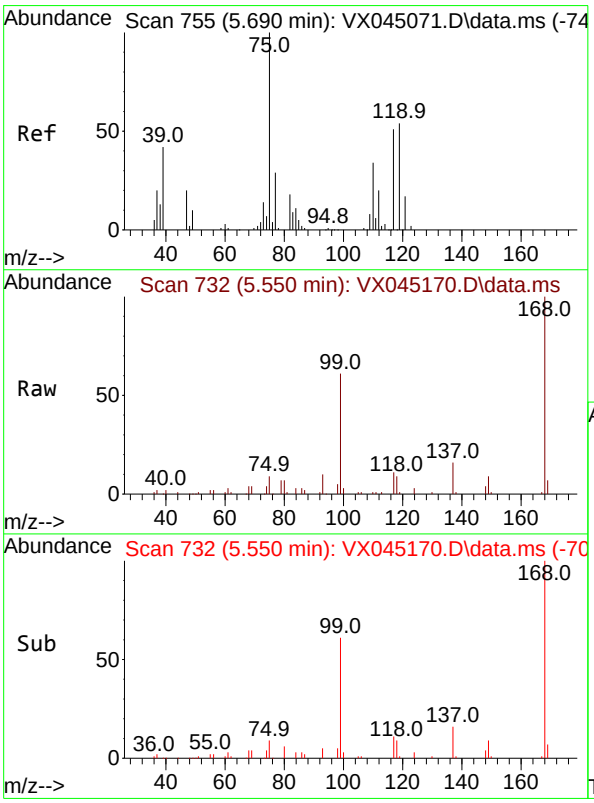
#35
Dibromofluoromethane
Concen: 51.822 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion:113 Resp: 55628

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.6
192	17.3	14.3	21.5

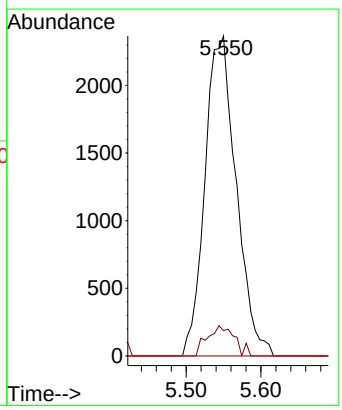


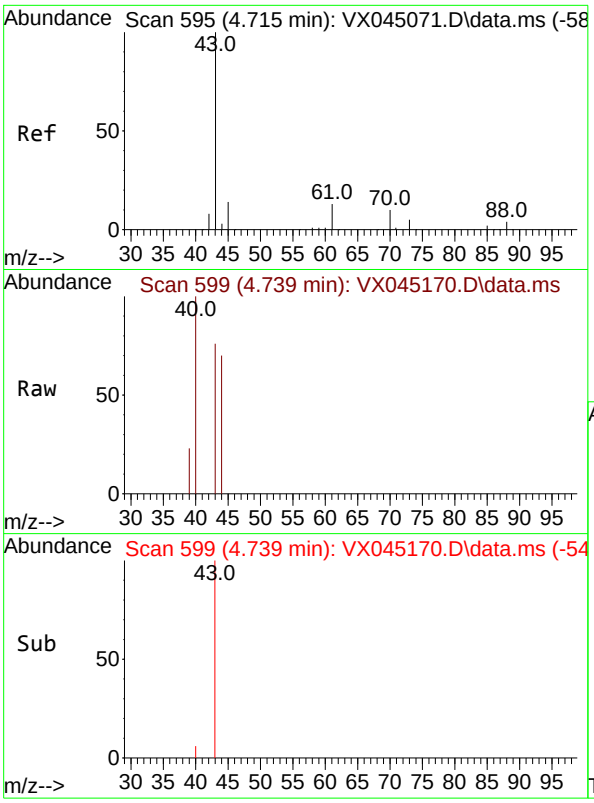


#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 75 Resp: 6869

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.9	50.6#
77	0.0	24.5	36.7#



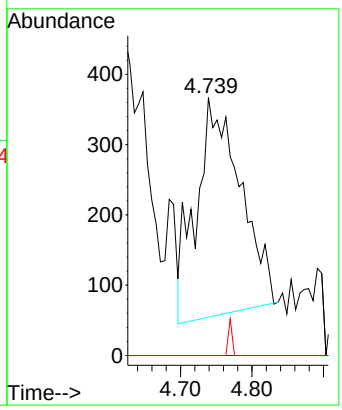


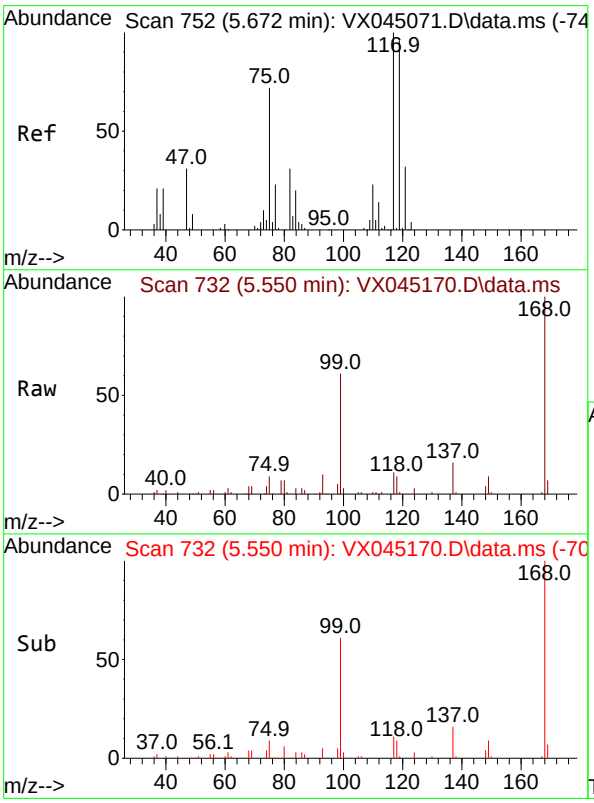
#37
Ethyl Acetate
Concen: 0.705 ug/l
RT: 4.739 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 43 Resp: 1337

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

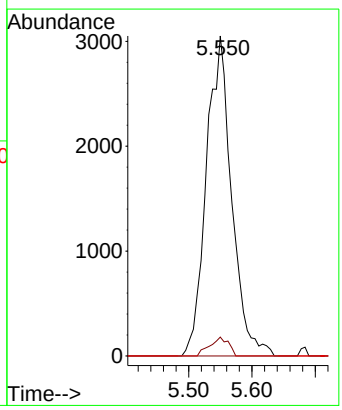


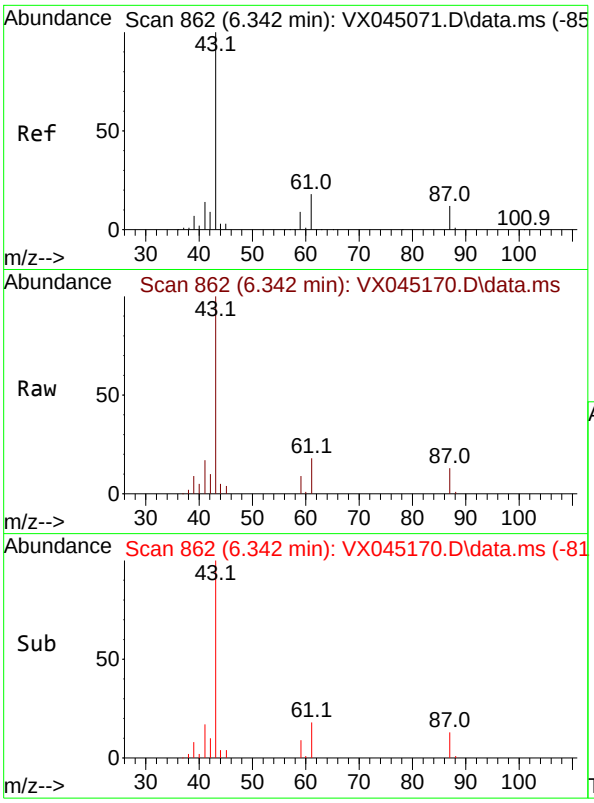


#38
Carbon Tetrachloride
Concen: 5.683 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion:117 Resp: 8494

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.7	115.1#
121	0.0	25.5	38.3#



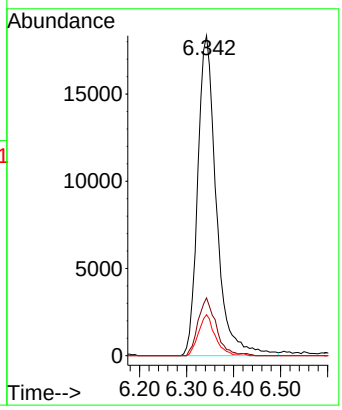


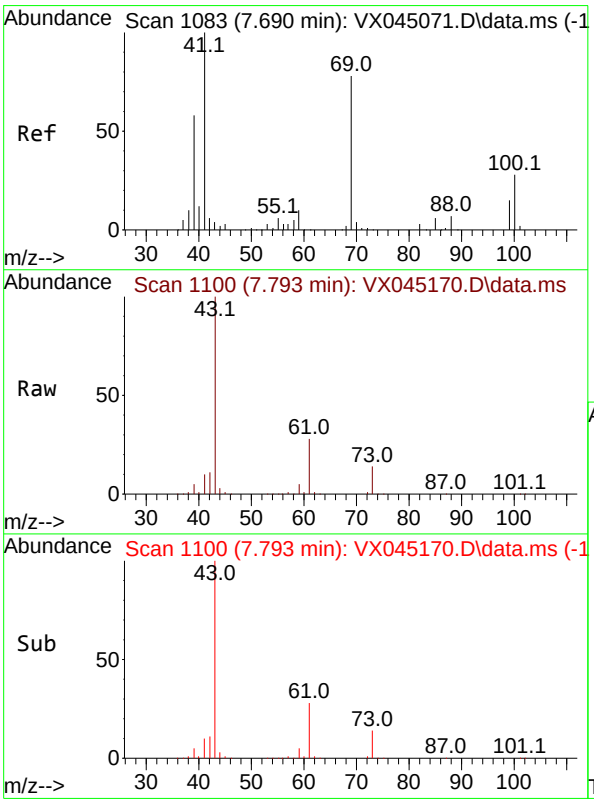
#43
Isopropyl Acetate
Concen: 18.063 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 43 Resp: 50668

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.9	22.3
87	11.3	9.4	14.2

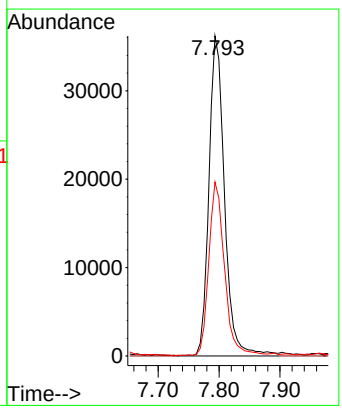


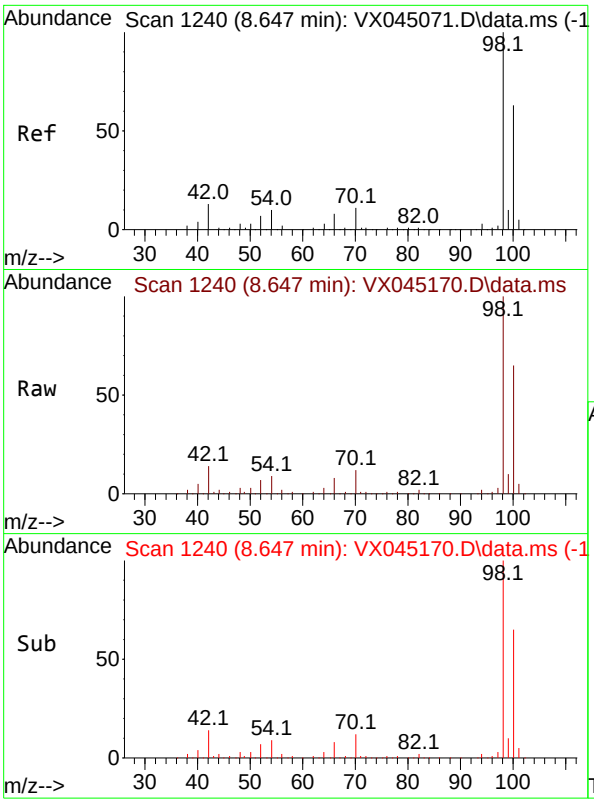


#48
Methyl methacrylate
Concen: 45.708 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 41 Resp: 64322

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	55.3	47.5	71.3



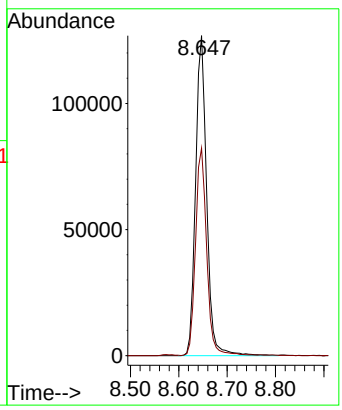


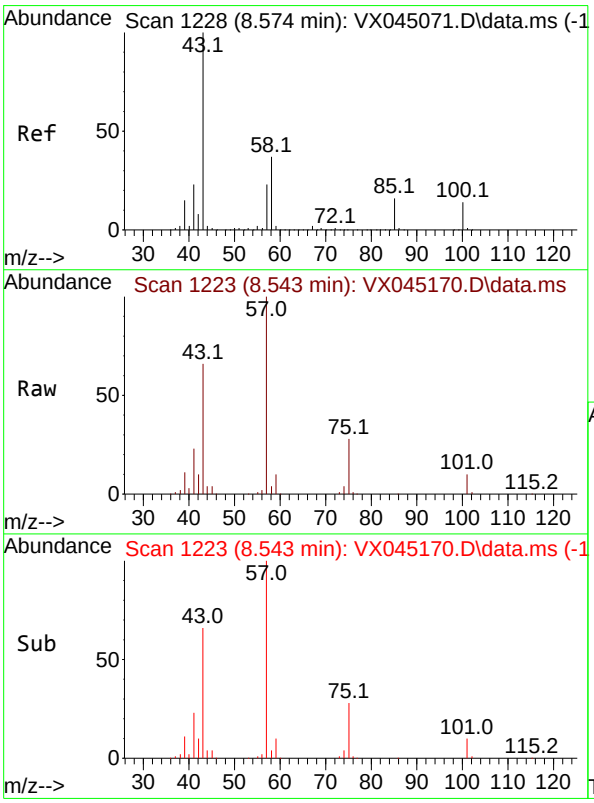
#50
Toluene-d8
Concen: 51.761 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 98 Resp: 201436

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0

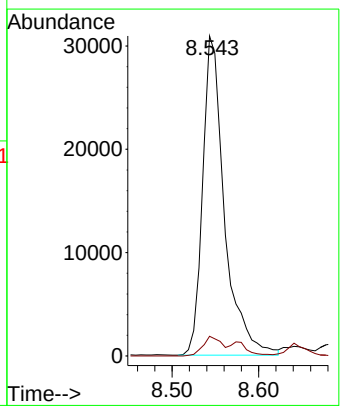


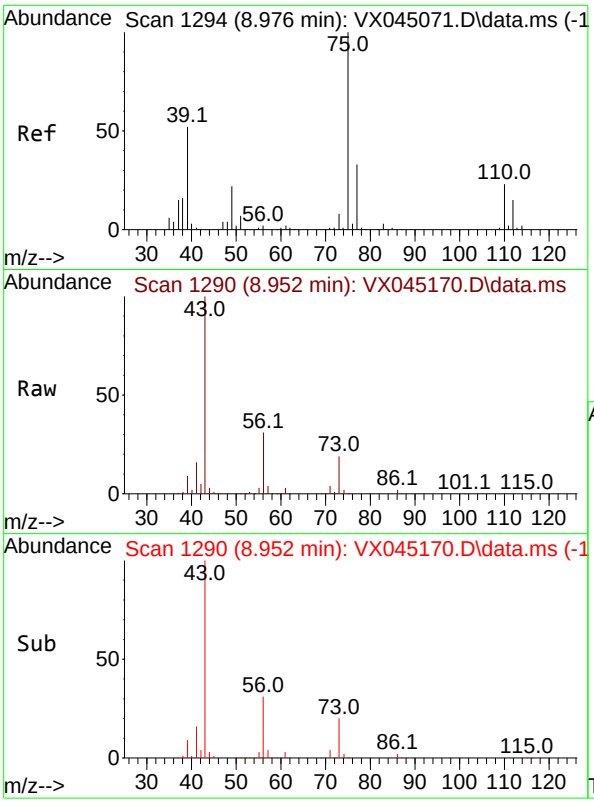


#51
4-Methyl-2-Pentanone
Concen: 28.690 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.030 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 43 Resp: 54036

Ion	Ratio	Lower	Upper
43	100		
58	5.2	29.2	43.8#



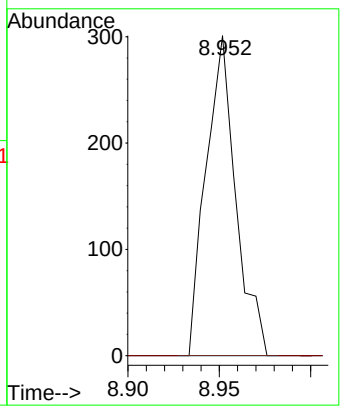


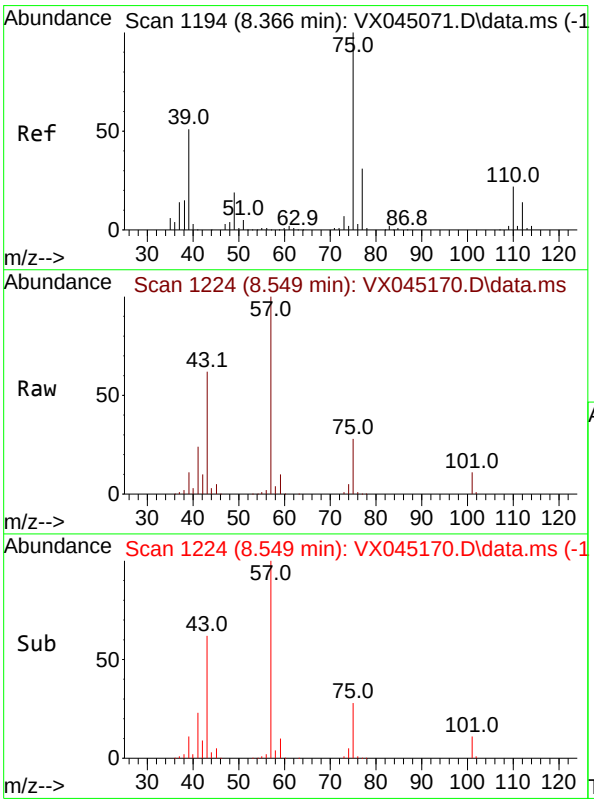
#53
t-1,3-Dichloropropene
Concen: 0.248 ug/l
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 75 Resp: 343

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.5	39.7#

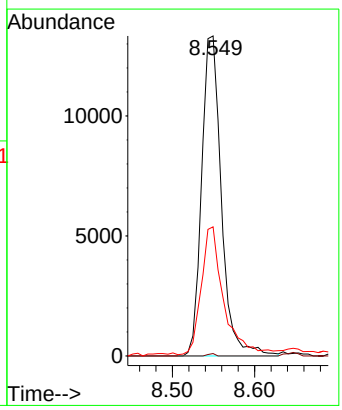


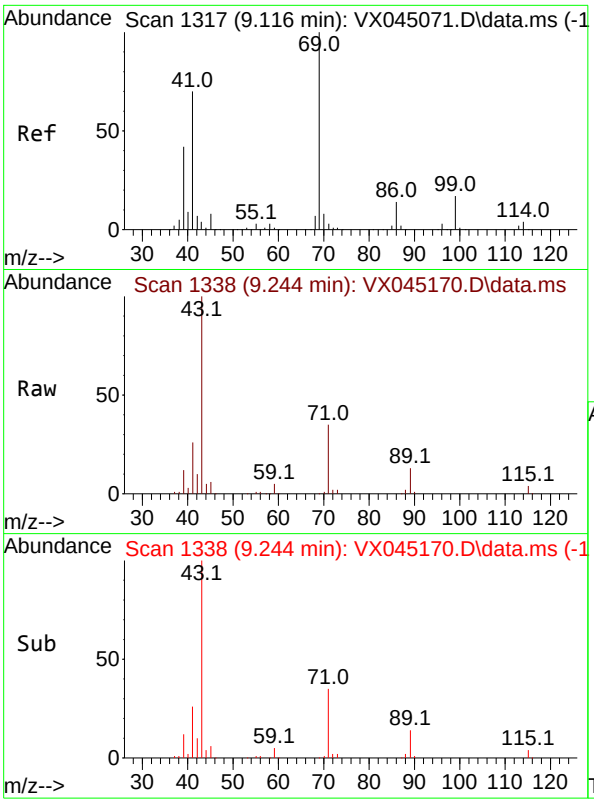


#54
cis-1,3-Dichloropropene
Concen: 13.778 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 75 Resp: 22257

Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.7	37.1#
39	39.9	40.7	61.1#



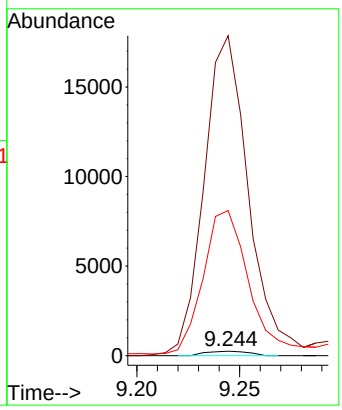


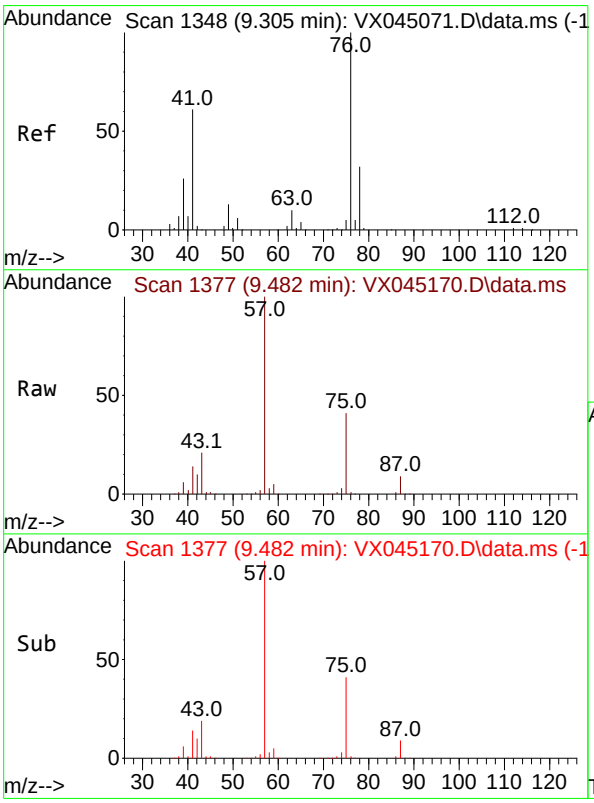
#56
Ethyl methacrylate
Concen: 0.214 ug/l
RT: 9.244 min Scan# 1
Delta R.T. 0.128 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 69 Resp: 365

Ion	Ratio	Lower	Upper
69	100		
41	7368.8	57.0	85.4#
39	3415.1	34.2	51.4#

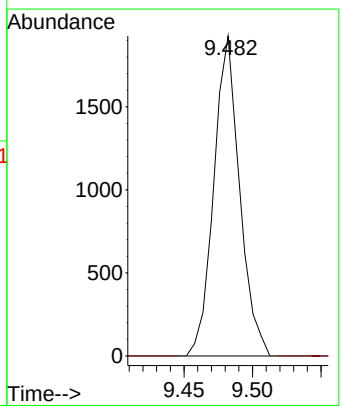


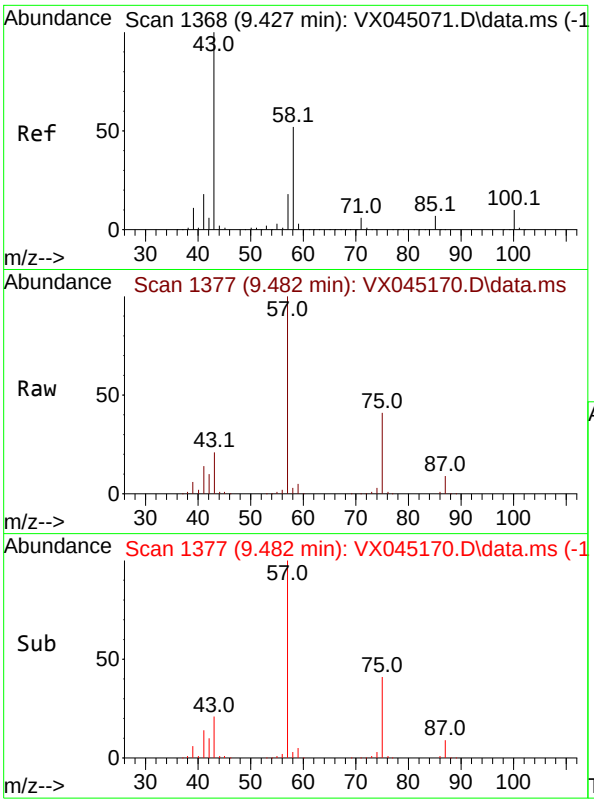


#57
1,3-Dichloropropane
Concen: 1.300 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 76 Resp: 2526

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



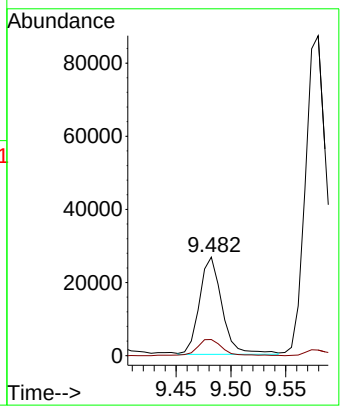


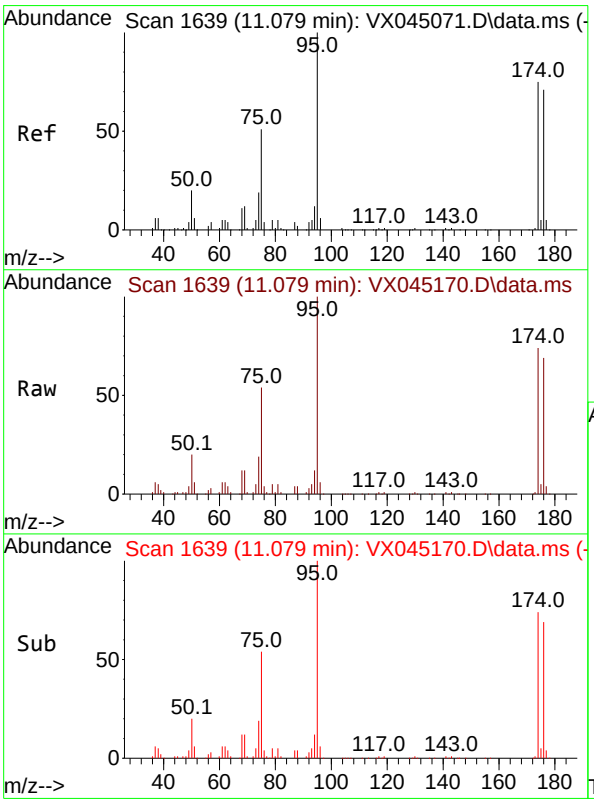
#59
2-Hexanone
Concen: 28.012 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 43 Resp: 38226

Ion	Ratio	Lower	Upper
43	100		
58	19.0	25.9	77.6#

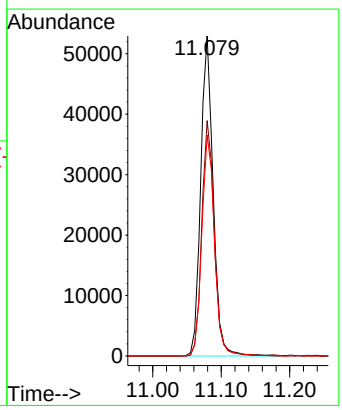


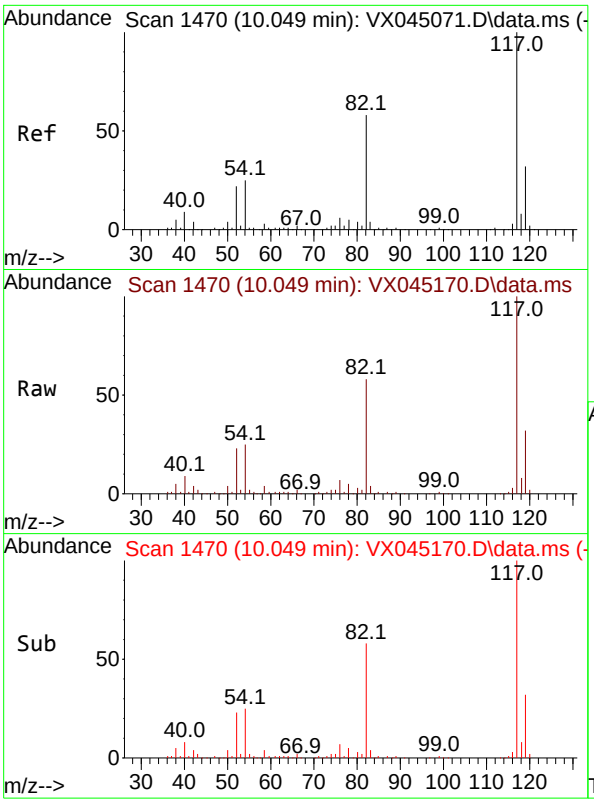


#62
4-Bromofluorobenzene
Concen: 52.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 95 Resp: 67095

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	148.2
176	70.0	0.0	141.4



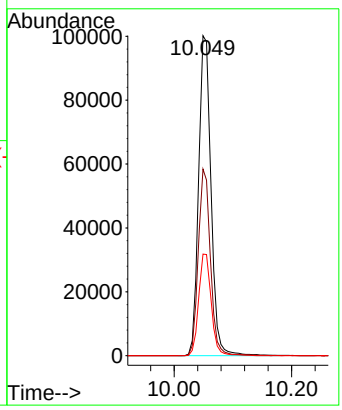


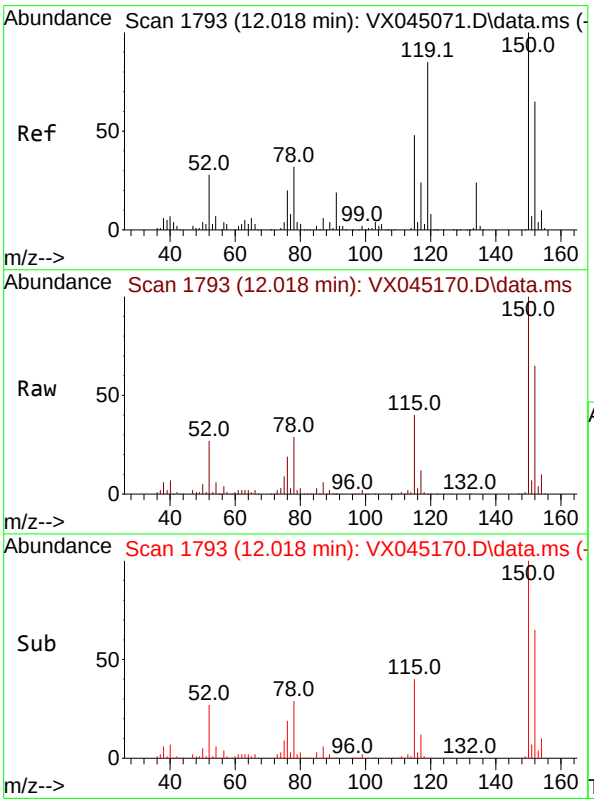
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion:117 Resp: 146470

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.3	69.5
119	31.8	25.7	38.5

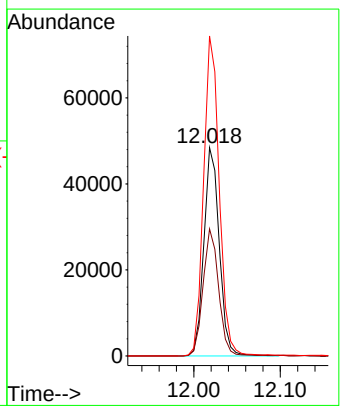


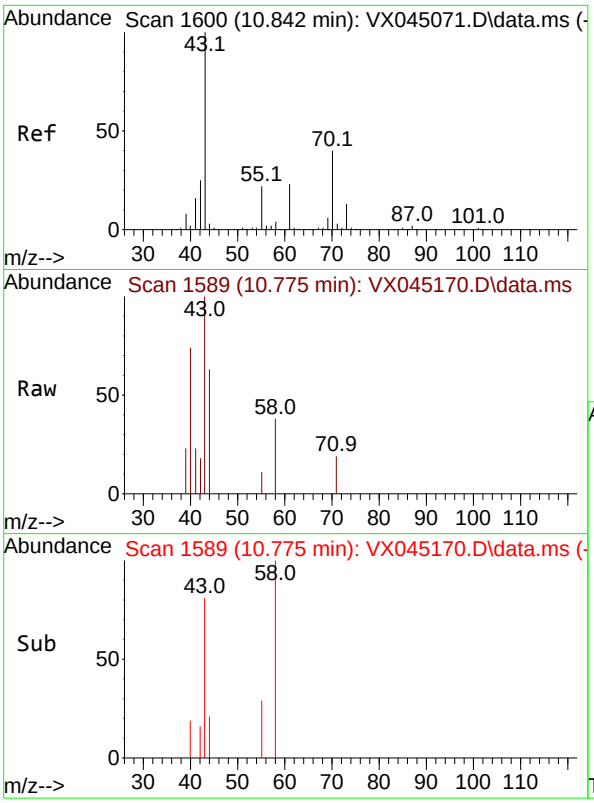


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion:152 Resp: 59867

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.2	132.6
150	156.2	0.0	349.0



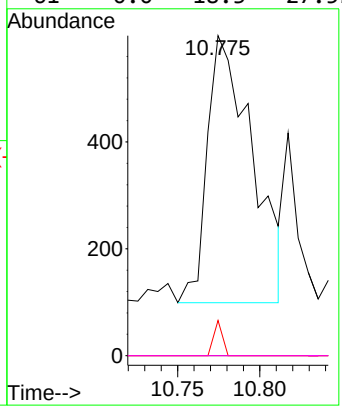


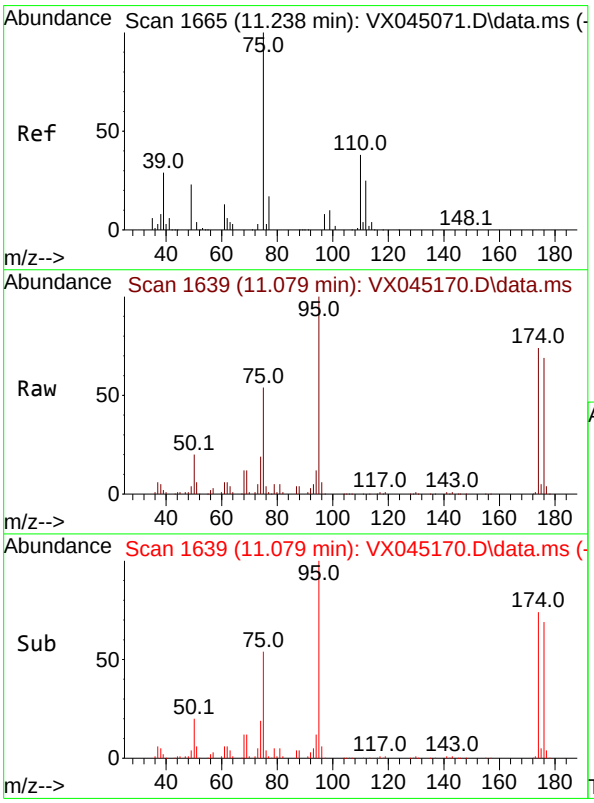
#74
N-amyl acetate
Concen: 0.433 ug/l
RT: 10.775 min Scan# 1
Delta R.T. -0.067 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 43 Resp: 949

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.8	47.6#
55	2.5	18.3	27.5#
61	0.0	18.3	27.5#

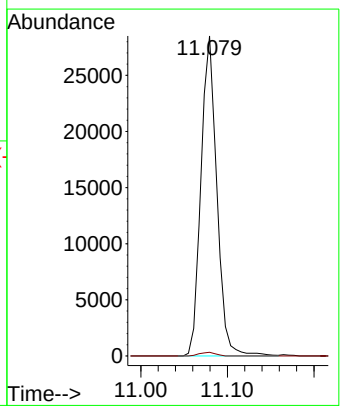


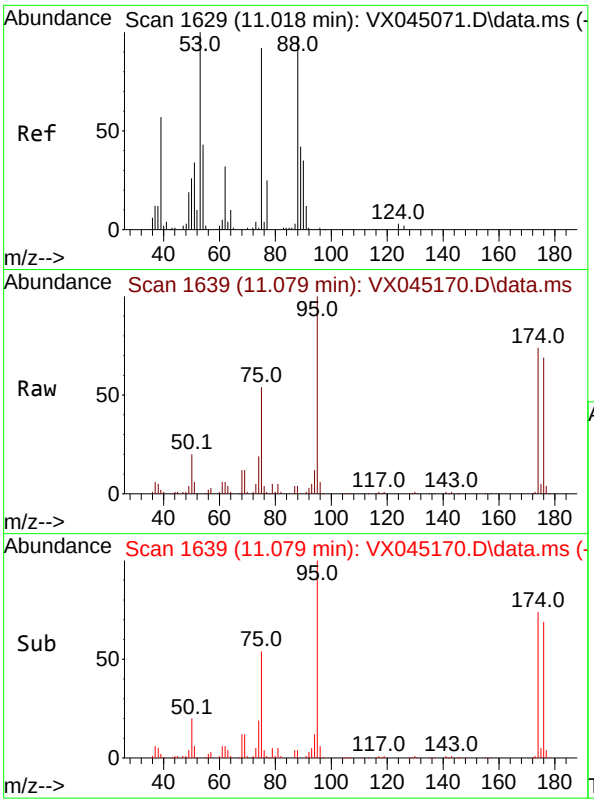


#76
1,2,3-Trichloropropane
Concen: 26.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 75 Resp: 36390

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.7	62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.373 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
ENV-101-SB01

Tgt Ion: 75 Resp: 36390

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