Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
Data File : VX045884.D
Acq On : 22 Apr 2025 14:54
Operator : JC/MD
Sample : PB167661ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Quant Time: Apr 23 01:34:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	67944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65657	52.842	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	5.379	113	47409	50.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	8.647	98	169325	51.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.079	95	66170	55.169	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	450	2.695	ug/l #	72
13) Acrolein	2.239	56	87	0.378	ug/l #	15
16) Acetone	2.386	43	26037	51.032	ug/l	99
18) Methyl Acetate	2.709	43	2172	1.849	ug/l #	90
20) Methylene Chloride	2.782	84	3472	3.635	ug/l	93
25) 2-Butanone	4.587	43	3804	5.093	ug/l	93
31) Cyclohexane	5.538	56	2005	1.315	ug/l #	57
36) 1,1-Dichloropropene	5.538	75	6720	5.276	ug/l #	50
38) Carbon Tetrachloride	5.538	117	8038	5.839	ug/l #	14
43) Isopropyl Acetate	6.348	43	10877	4.471	ug/l	98
48) Methyl methacrylate	7.793	41	45900	36.540	ug/l #	49
51) 4-Methyl-2-Pentanone	8.543	43	40907	25.364	ug/l #	48
53) t-1,3-Dichloropropene	8.952	75	226	2.440	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	15659	11.198	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	1543	0.945	ug/l #	42
59) 2-Hexanone	9.372	43	16243	13.600	ug/l #	28
74) N-amyl acetate	10.787	43	1373	0.667	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	37501	28.614	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37501	97.111	ug/l #	1

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

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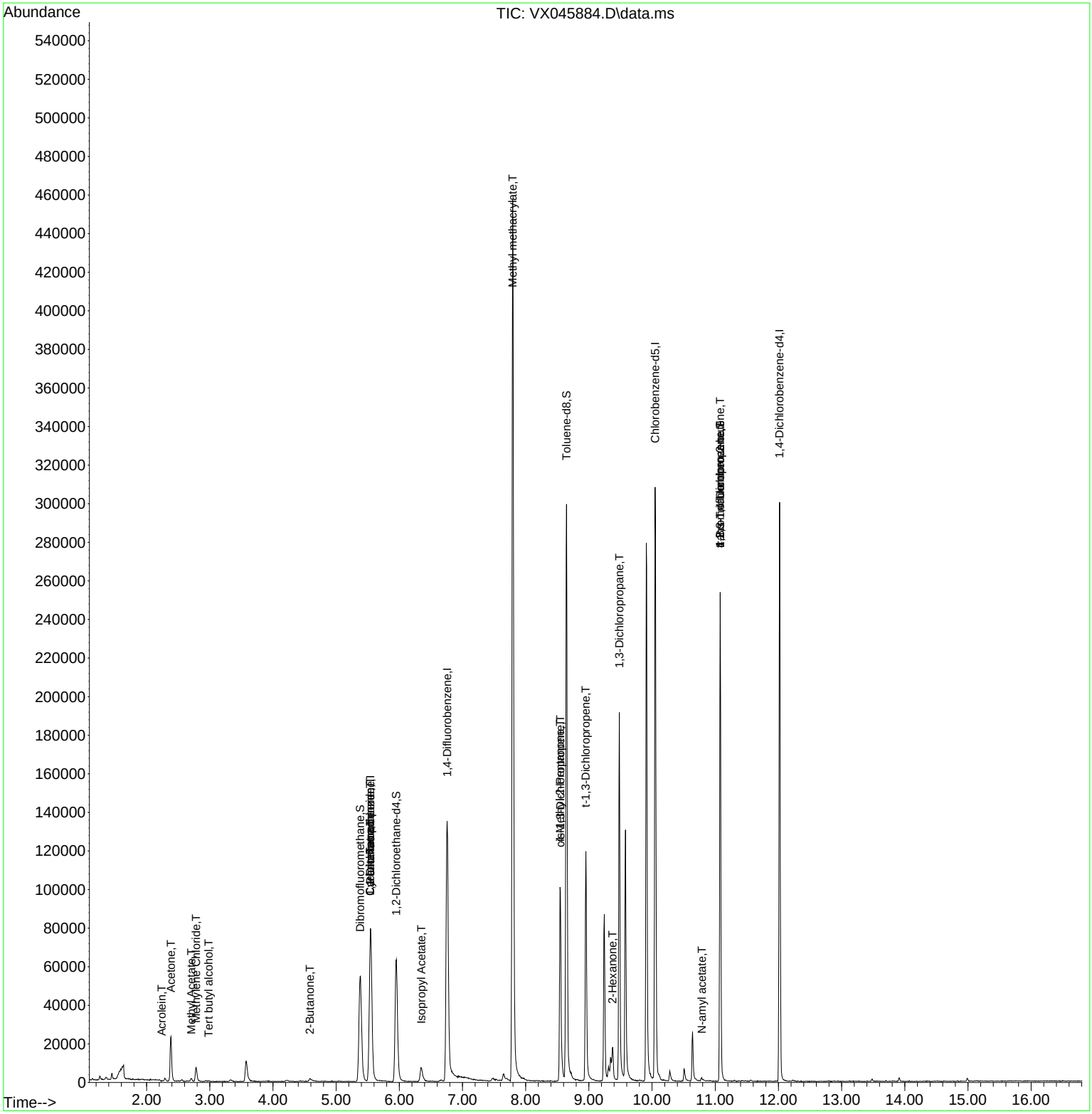
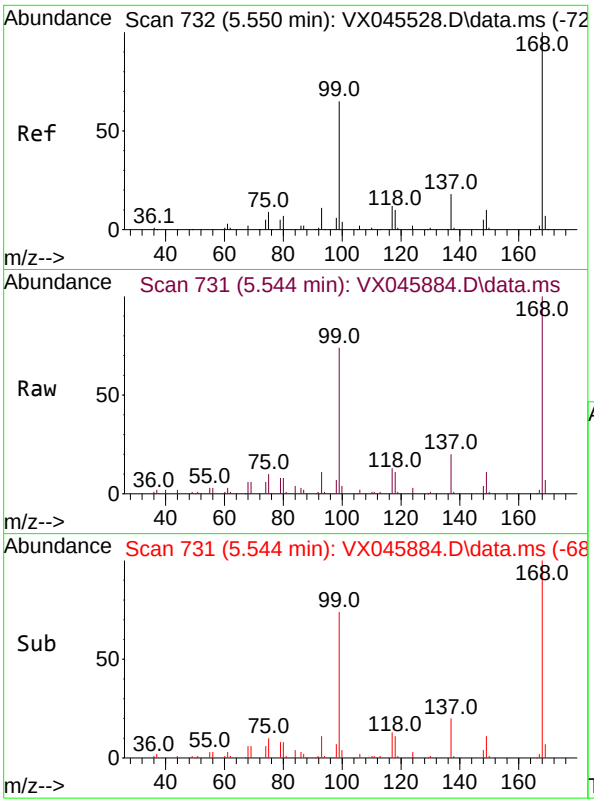


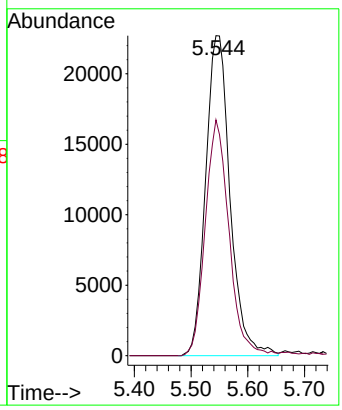


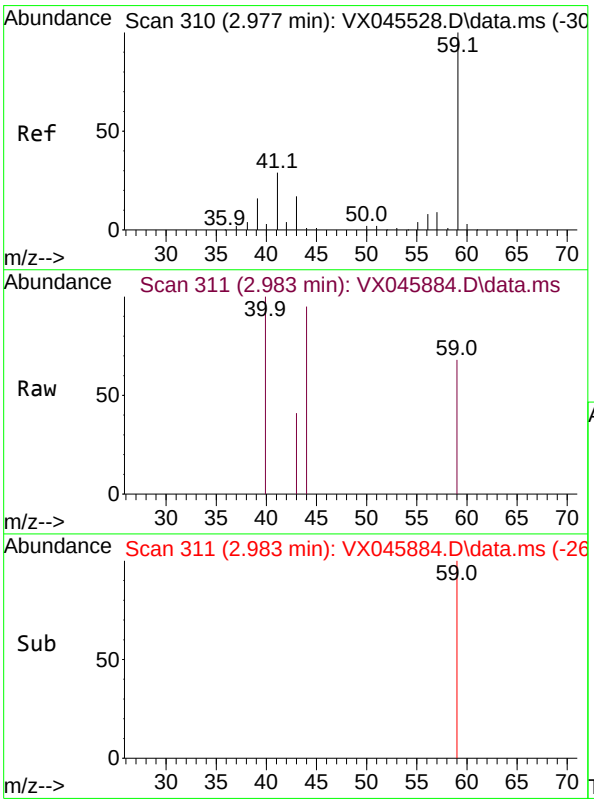
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion:168 Resp: 67944

Ion	Ratio	Lower	Upper
168	100		
99	73.7	52.3	78.5

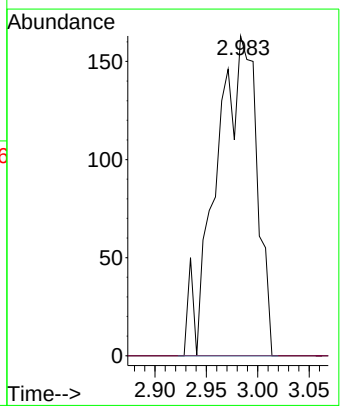


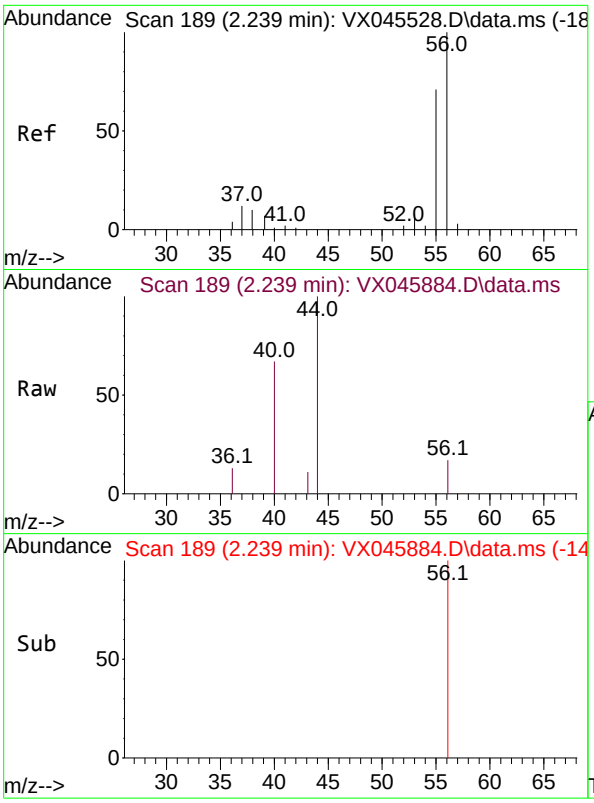


#11
Tert butyl alcohol
Concen: 2.695 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 59 Resp: 450

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



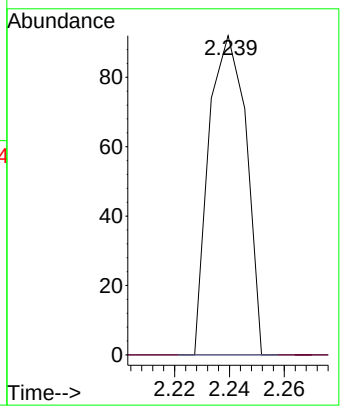


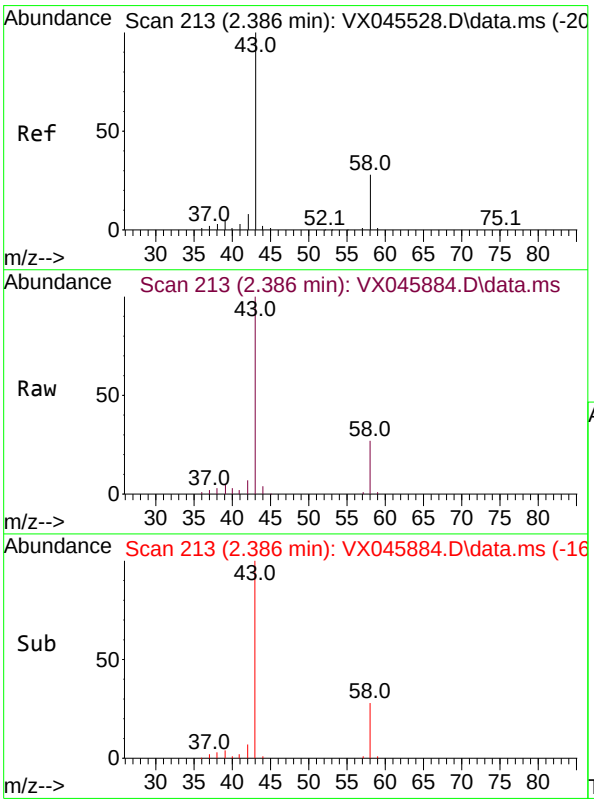
#13
Acrolein
Concen: 0.378 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 56 Resp: 87

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.2#

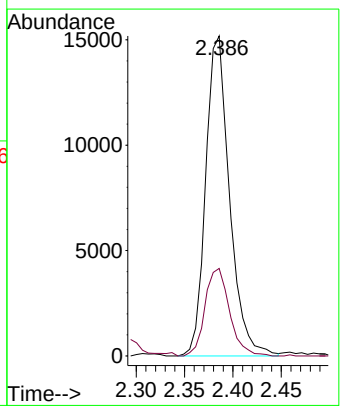


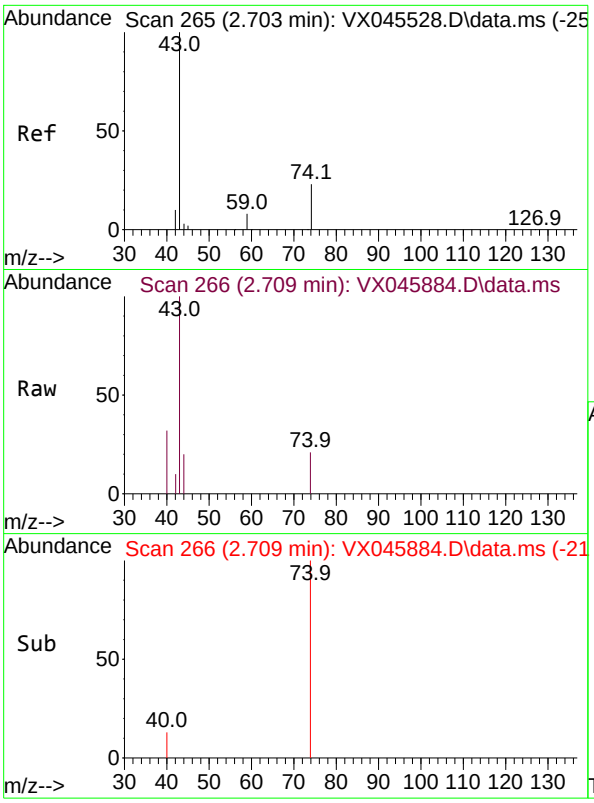


#16
Acetone
Concen: 51.032 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 43 Resp: 26037

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5



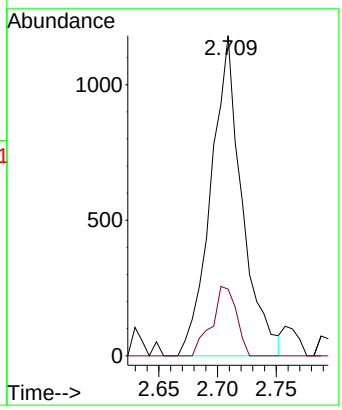


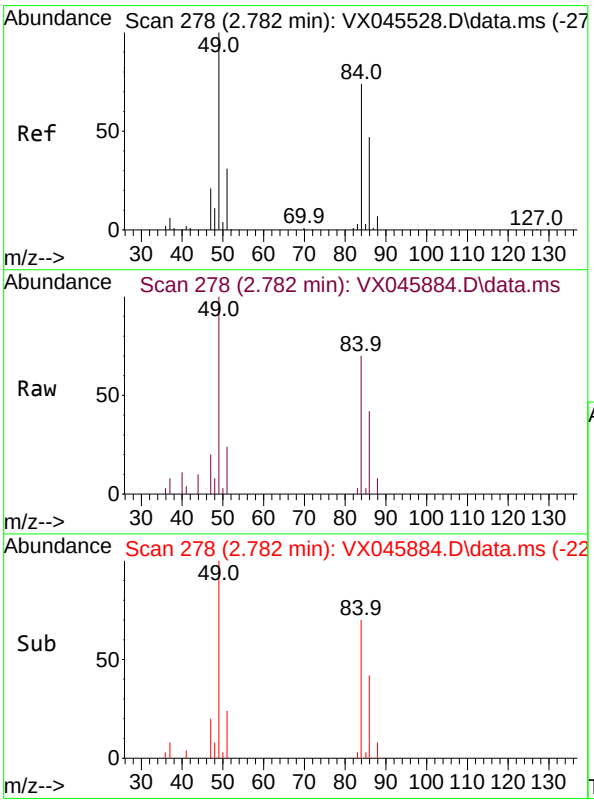
#18
Methyl Acetate
Concen: 1.849 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 43 Resp: 2172

Ion	Ratio	Lower	Upper
43	100		
74	17.1	17.5	26.3#

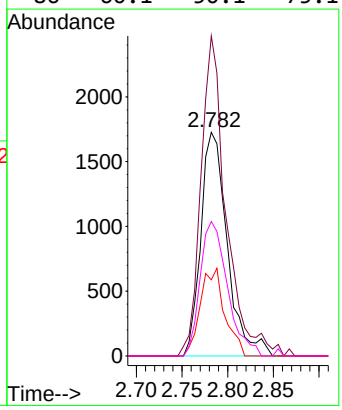


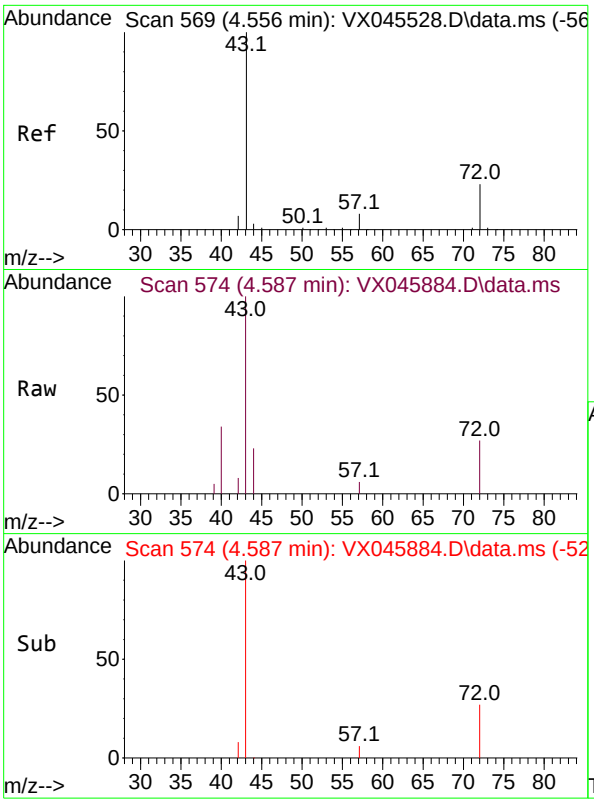


#20
Methylene Chloride
Concen: 3.635 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 84 Resp: 3472

Ion	Ratio	Lower	Upper
84	100		
49	143.0	107.5	161.3
51	34.0	33.0	49.6
86	60.1	50.1	75.1



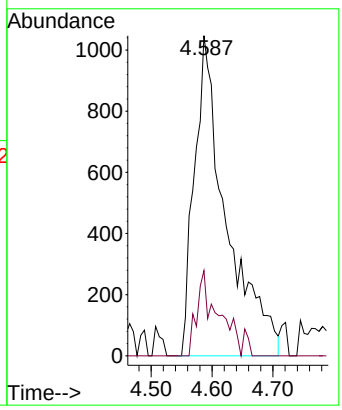


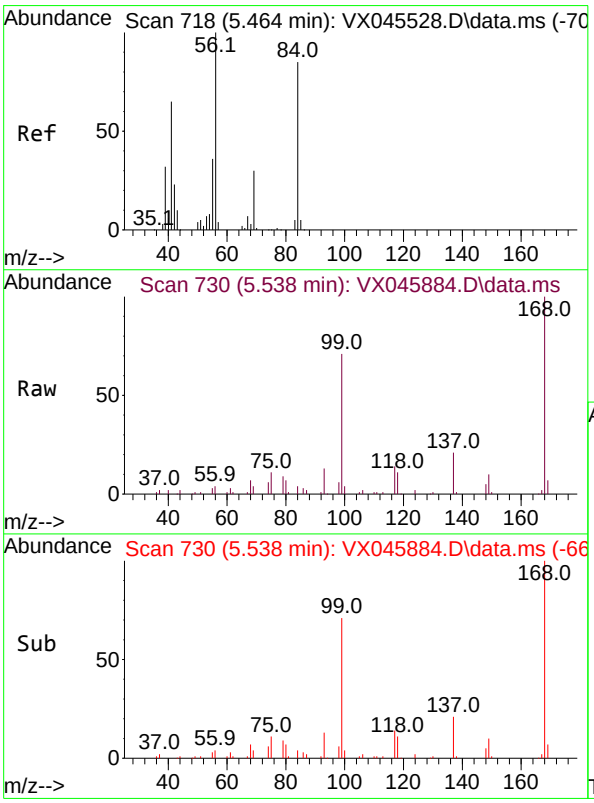
#25
2-Butanone
Concen: 5.093 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.031 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 43 Resp: 3804

Ion	Ratio	Lower	Upper
43	100		
72	26.6	18.6	28.0

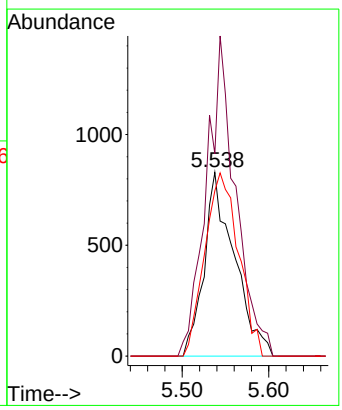


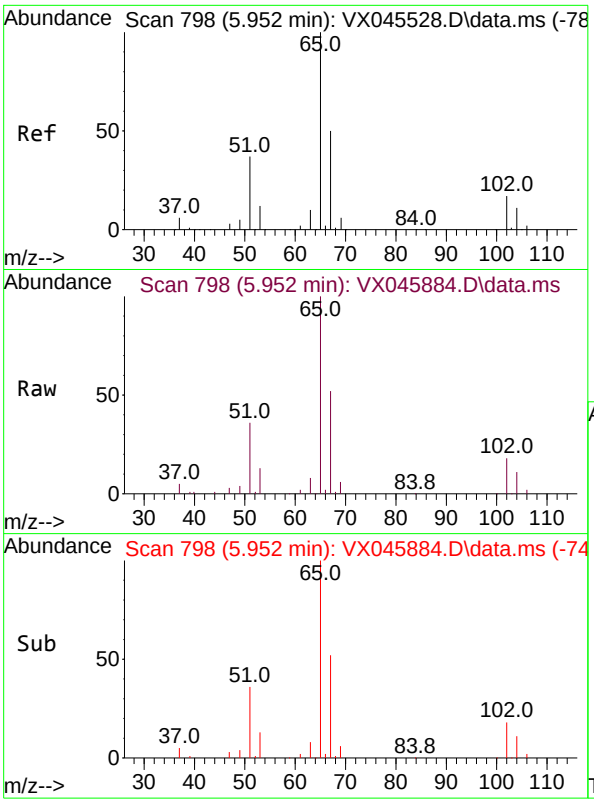


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 56 Resp: 2005

Ion	Ratio	Lower	Upper
56	100		
69	110.1	23.6	35.4#
84	90.0	67.7	101.5



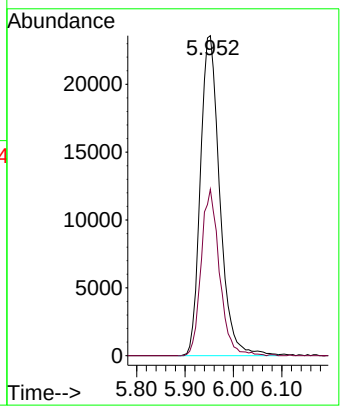


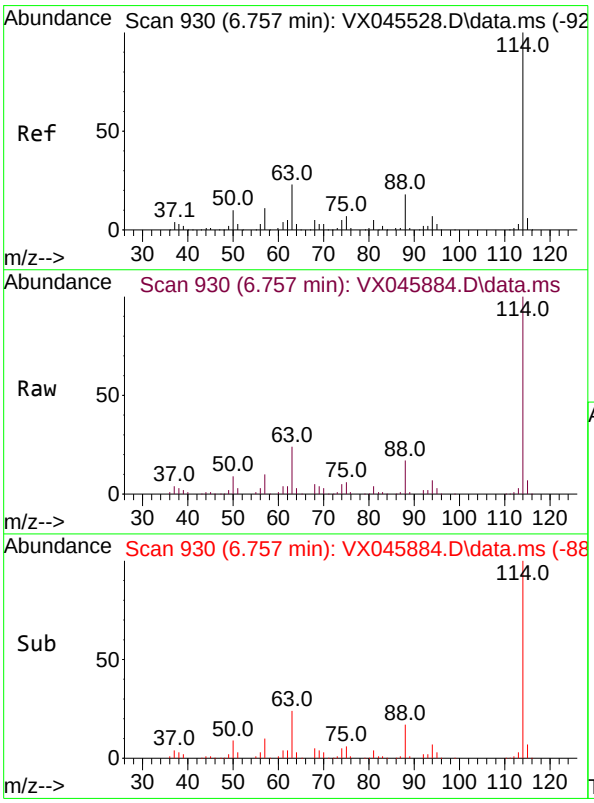
#33
1,2-Dichloroethane-d4
Concen: 52.842 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 65 Resp: 65657

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.0

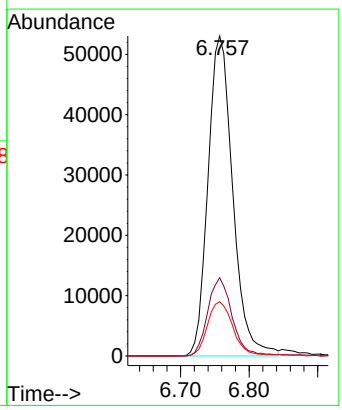


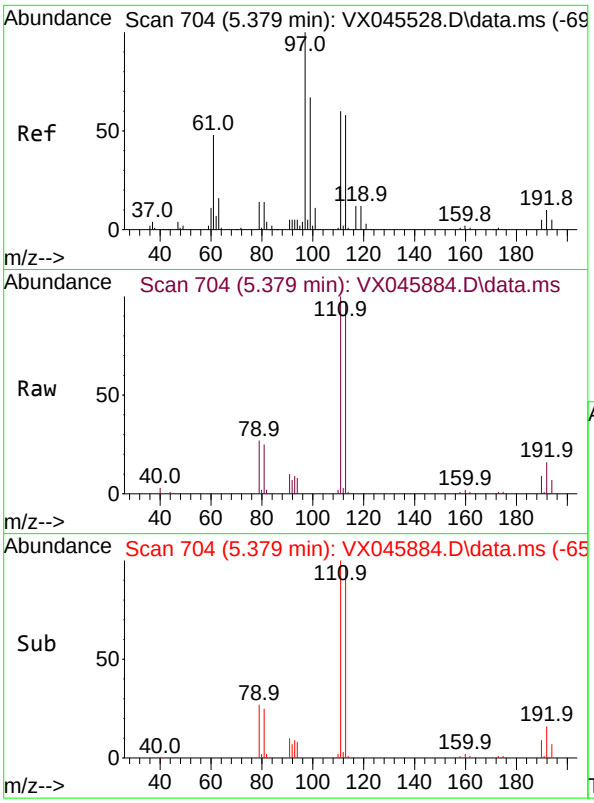


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion:114 Resp: 132966

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.8
88	16.9	0.0	35.4



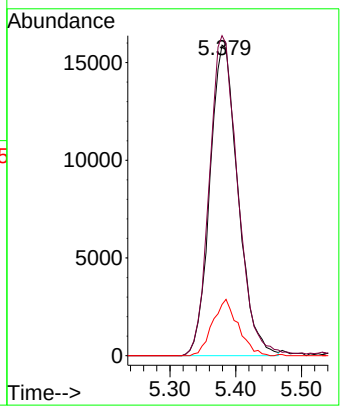


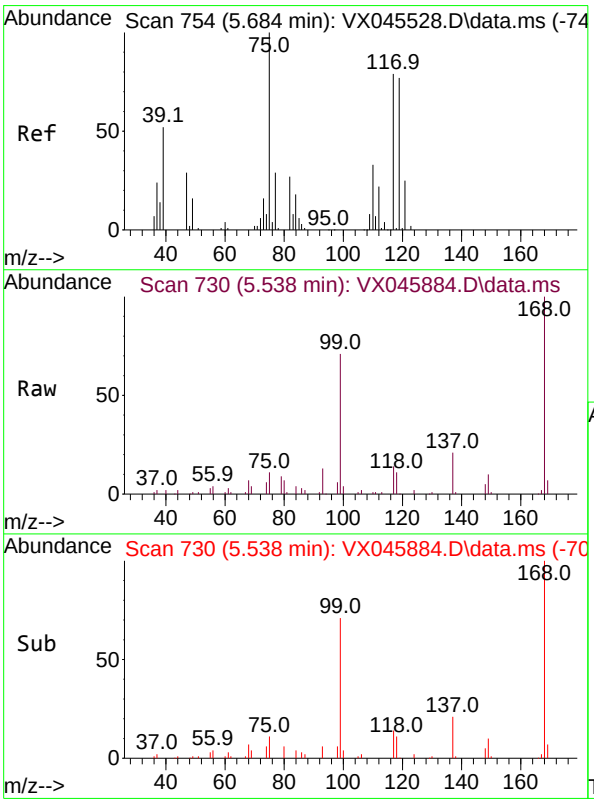
#35
Dibromofluoromethane
Concen: 50.254 ug/l
RT: 5.379 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion:113 Resp: 47409

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.6
192	16.5	13.8	20.6

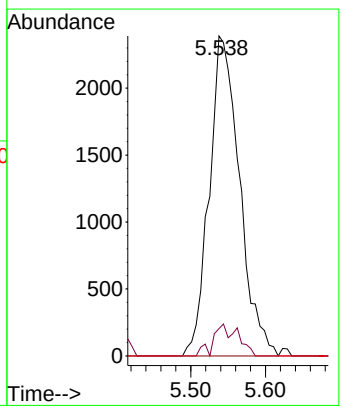


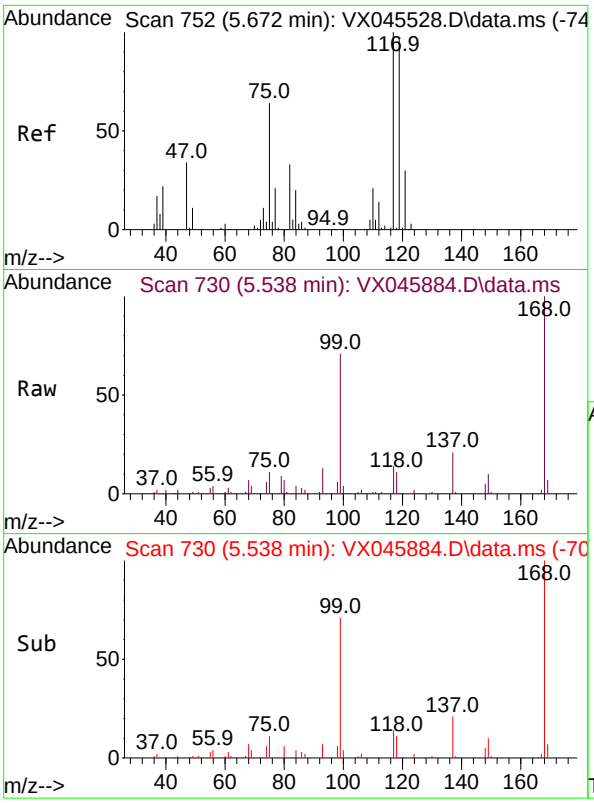


#36
1,1-Dichloropropene
Concen: 5.276 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 75 Resp: 6720

Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.9	50.6#
77	0.0	25.0	37.4#



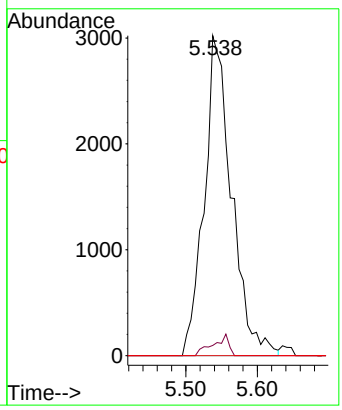


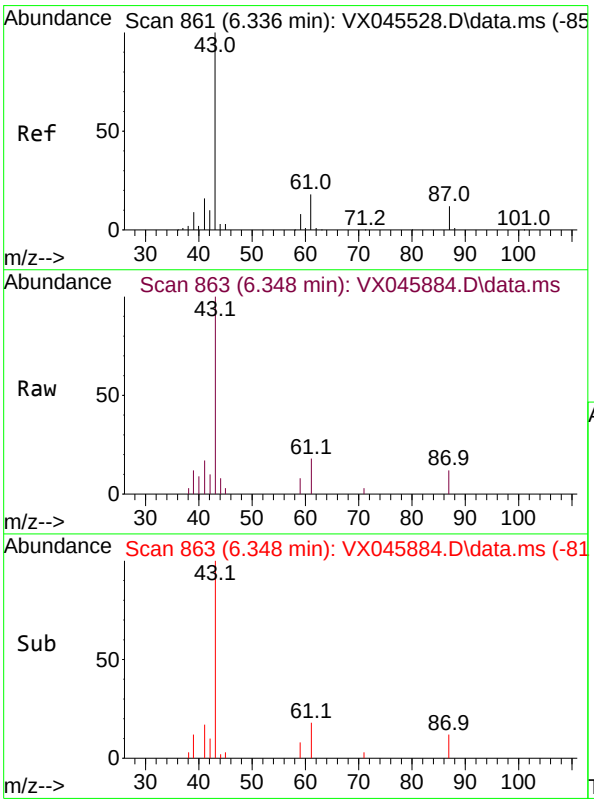
#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion:117 Resp: 8038

Ion	Ratio	Lower	Upper
117	100		
119	3.2	76.9	115.3#
121	0.0	24.2	36.2#

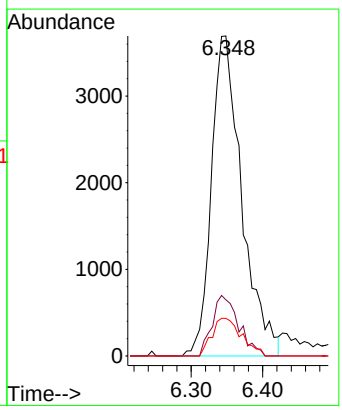


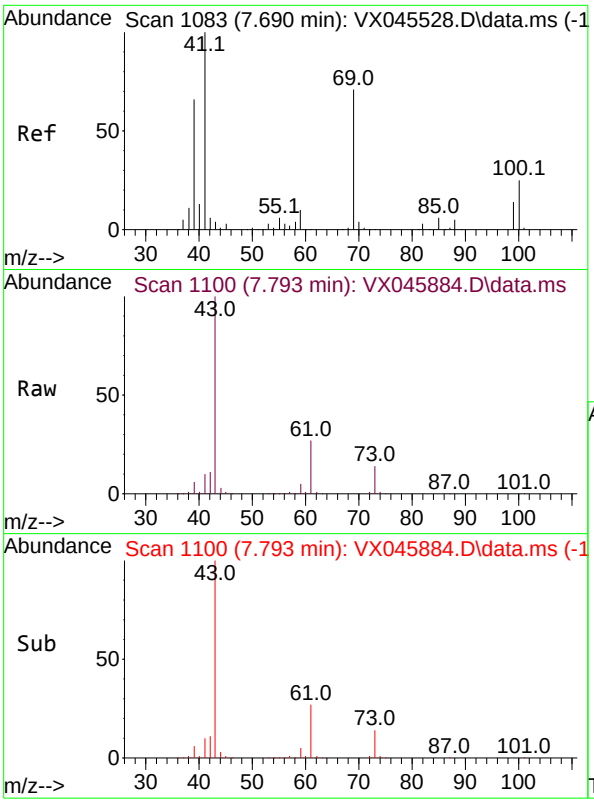


#43
Isopropyl Acetate
Concen: 4.471 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 43 Resp: 10877

Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.1	21.1
87	11.5	9.2	13.8



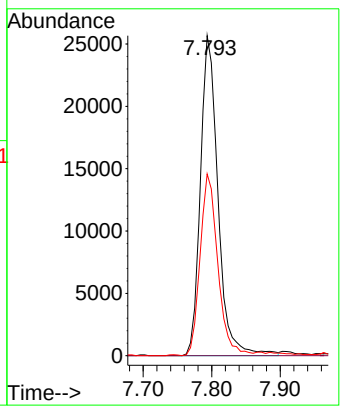


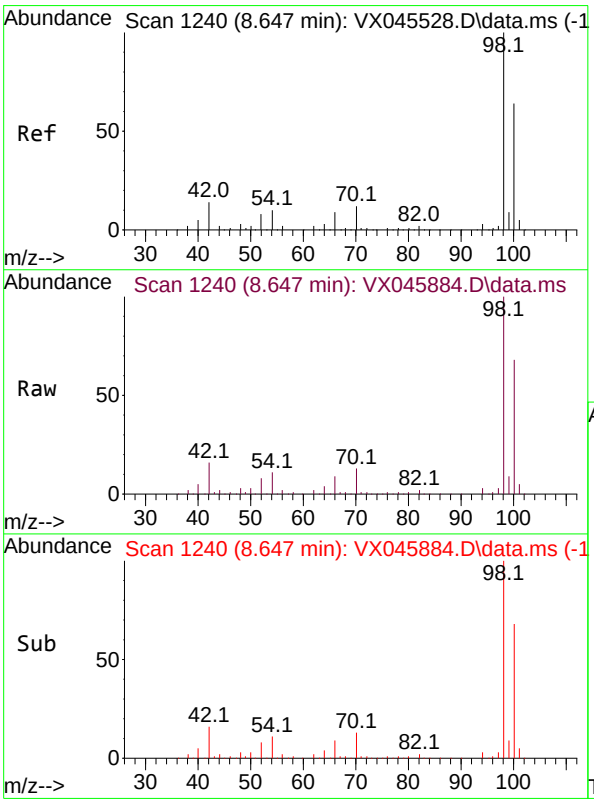
#48
Methyl methacrylate
Concen: 36.540 ug/l
RT: 7.793 min Scan# 11
Delta R.T. 0.104 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 41 Resp: 45900

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	57.1	53.6	80.4

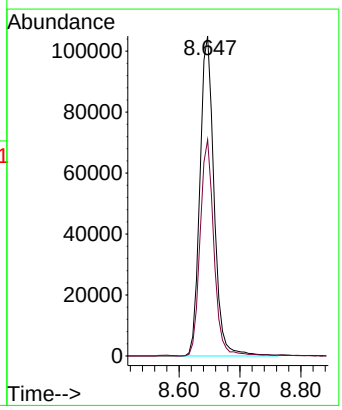


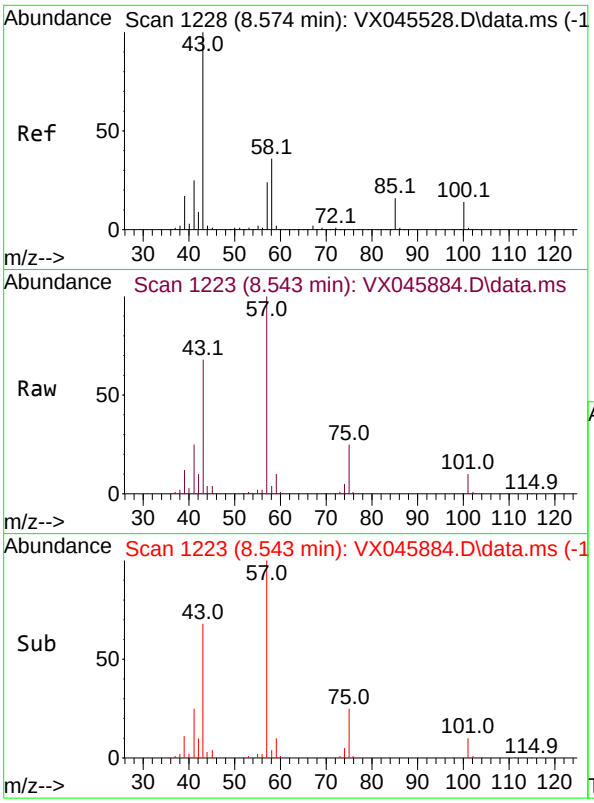


#50
Toluene-d8
Concen: 51.423 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 98 Resp: 169325

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.4



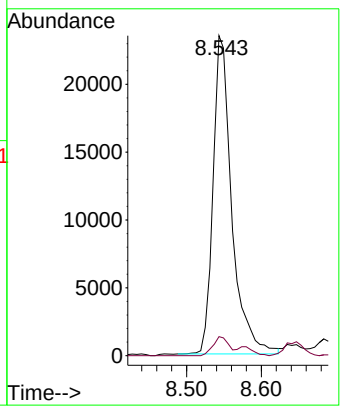


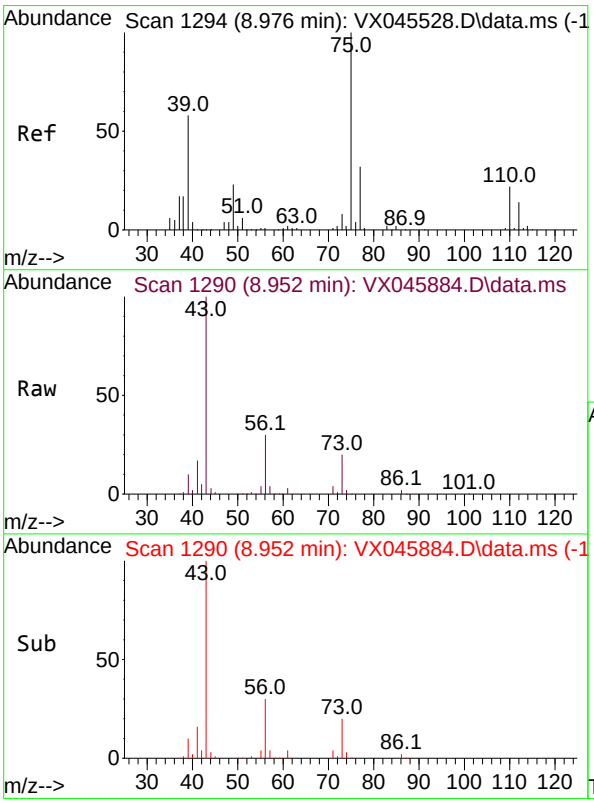
#51
4-Methyl-2-Pentanone
Concen: 25.364 ug/l
RT: 8.543 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 43 Resp: 40907

Ion	Ratio	Lower	Upper
43	100		
58	5.3	28.5	42.7#

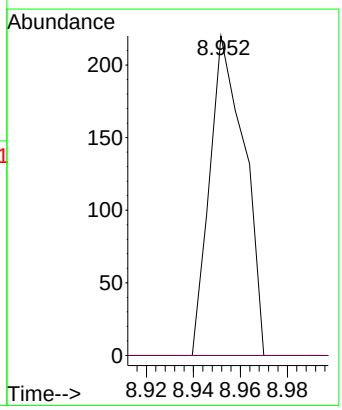


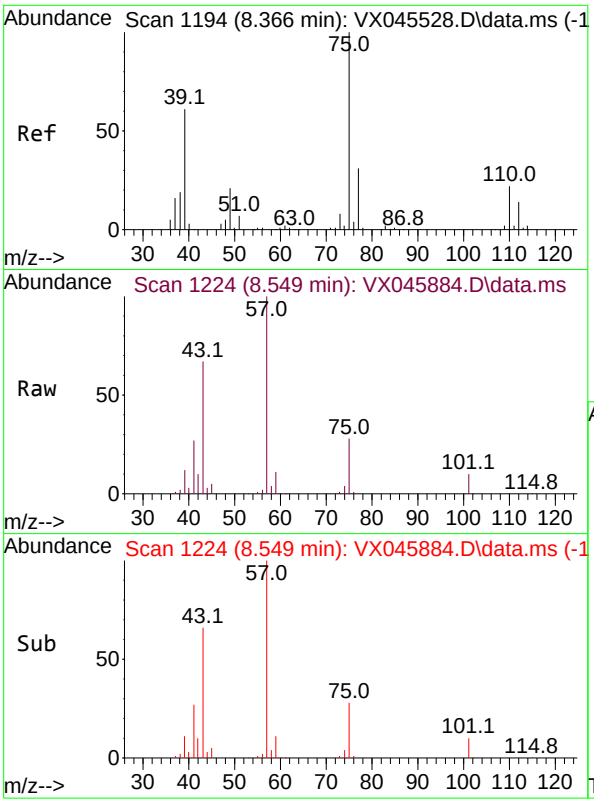


#53
t-1,3-Dichloropropene
Concen: 2.440 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 75 Resp: 226

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



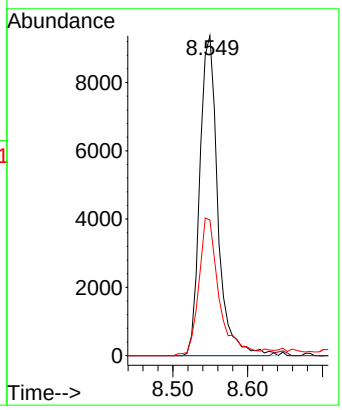


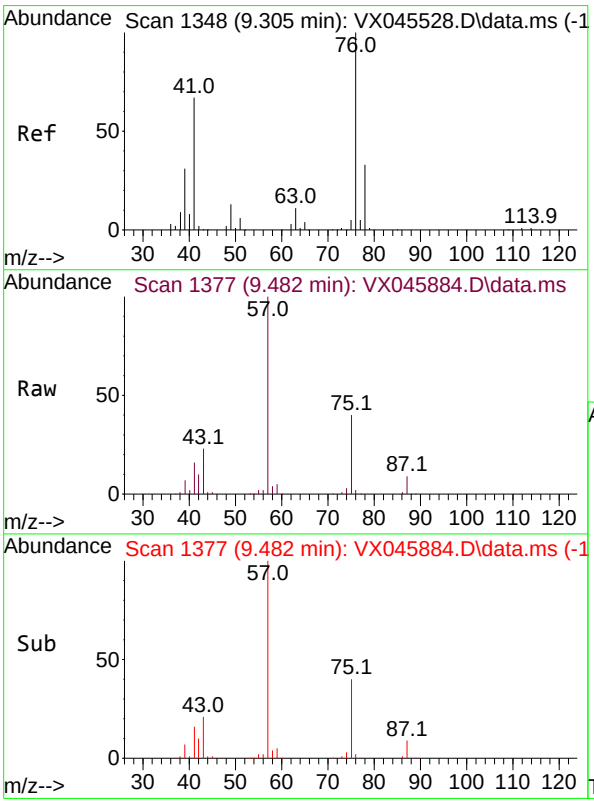
#54
cis-1,3-Dichloropropene
Concen: 11.198 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 75 Resp: 15659

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	41.8	48.4	72.6#

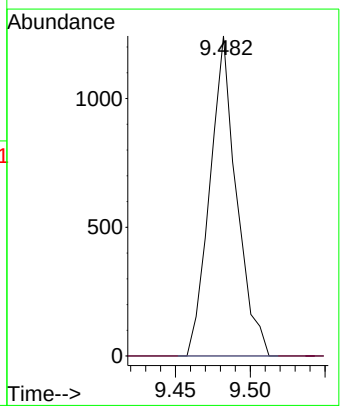


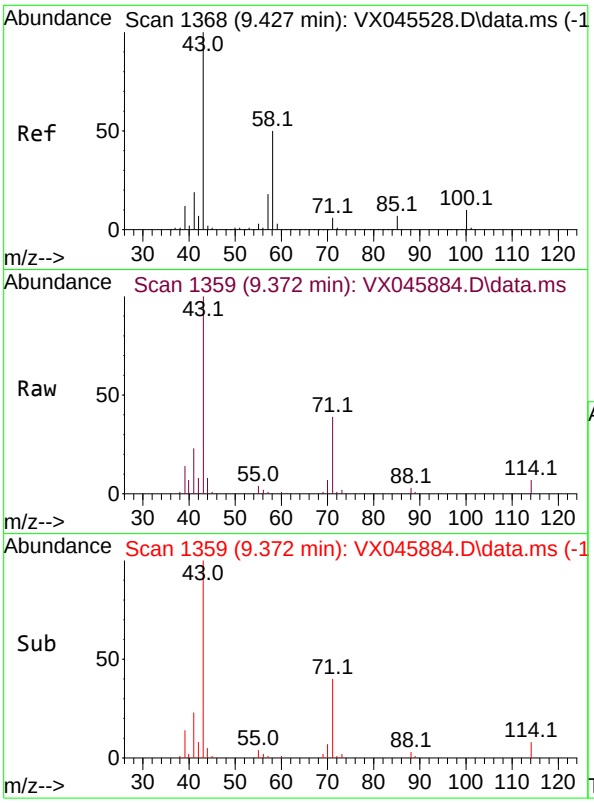


#57
1,3-Dichloropropane
Concen: 0.945 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 76 Resp: 1543

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



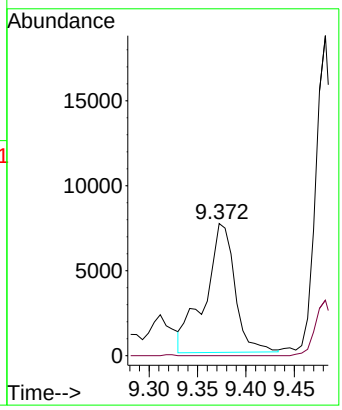


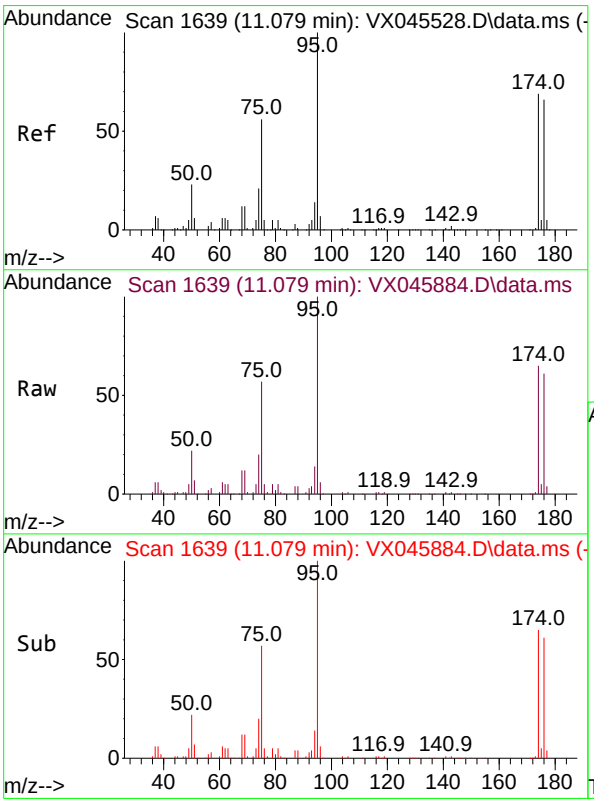
#59
2-Hexanone
Concen: 13.600 ug/l
RT: 9.372 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 43 Resp: 16243

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#

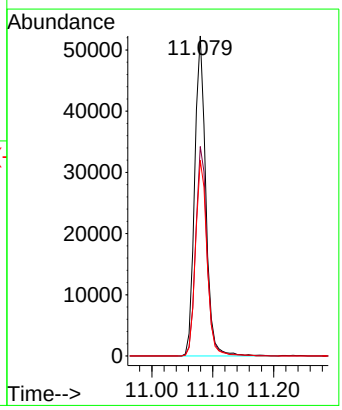


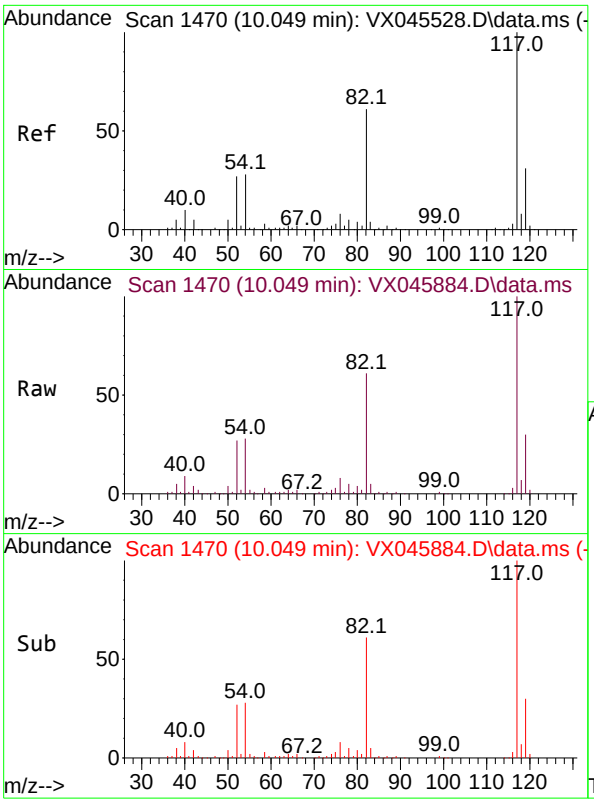


#62
4-Bromofluorobenzene
Concen: 55.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 95 Resp: 66170

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	135.8
176	63.1	0.0	131.4



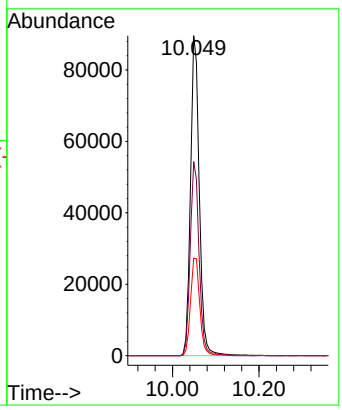


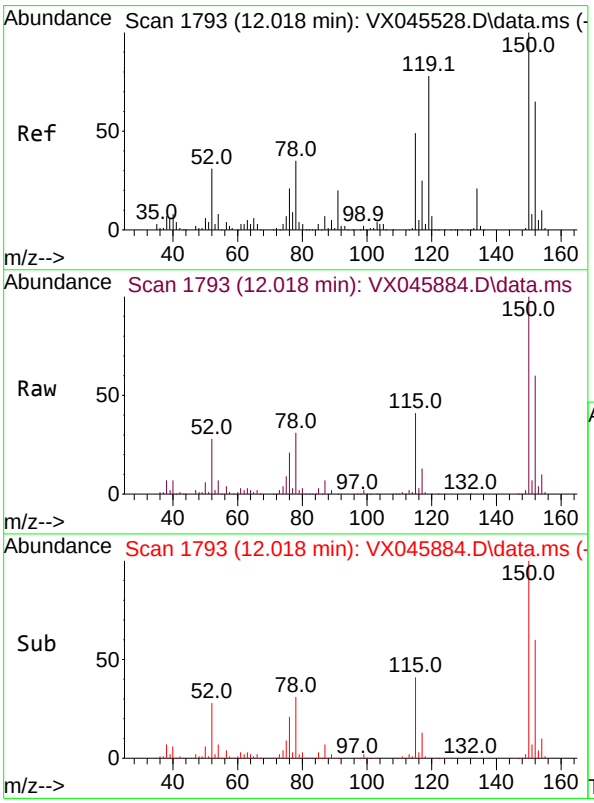
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion:117 Resp: 126071

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	30.5	25.1	37.7

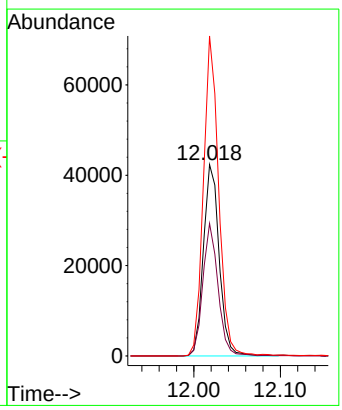


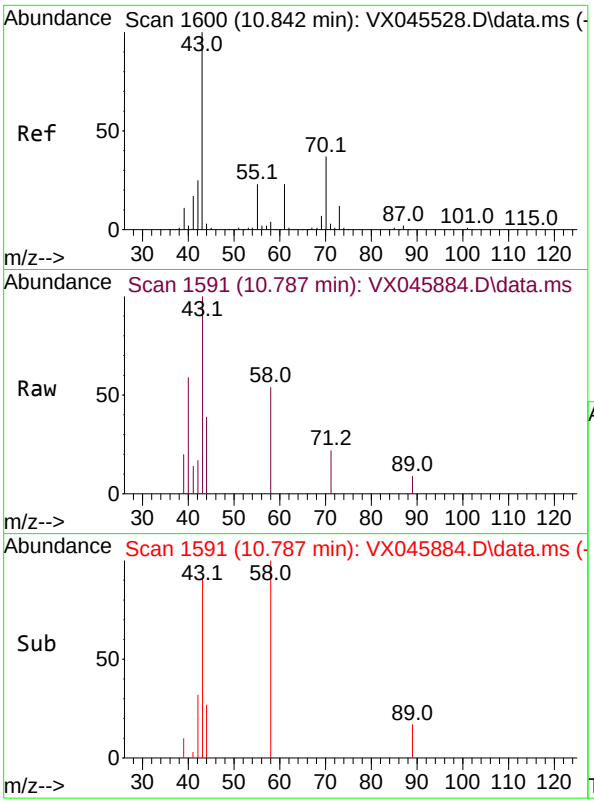


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion:152 Resp: 53730

Ion	Ratio	Lower	Upper
152	100		
115	66.8	46.9	140.7
150	161.8	0.0	349.4



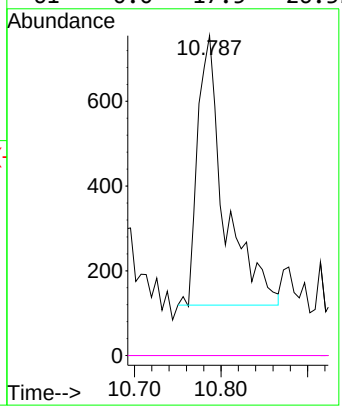


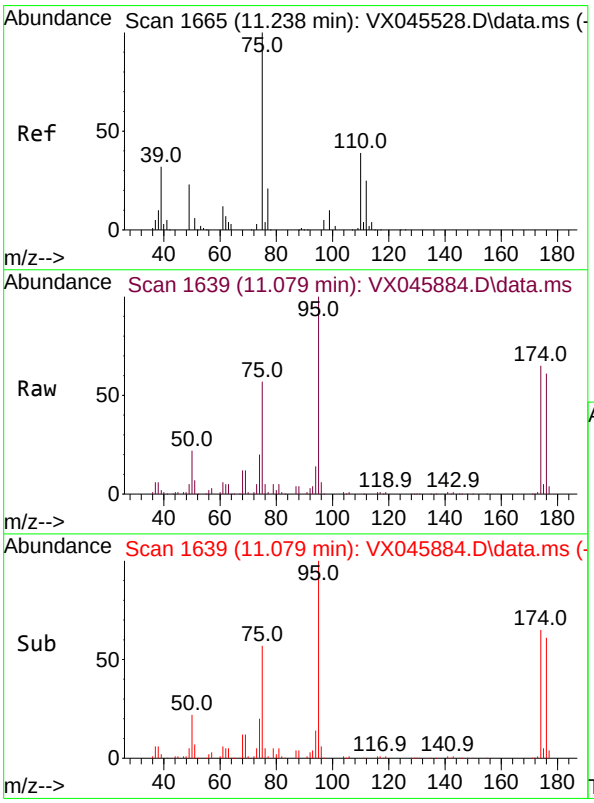
#74
N-amyl acetate
Concen: 0.667 ug/l
RT: 10.787 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 43 Resp: 1373

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	0.0	18.3	27.5#
61	0.0	17.5	26.3#

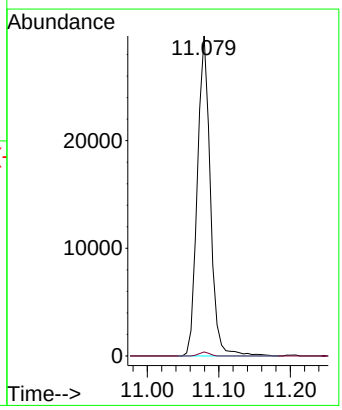


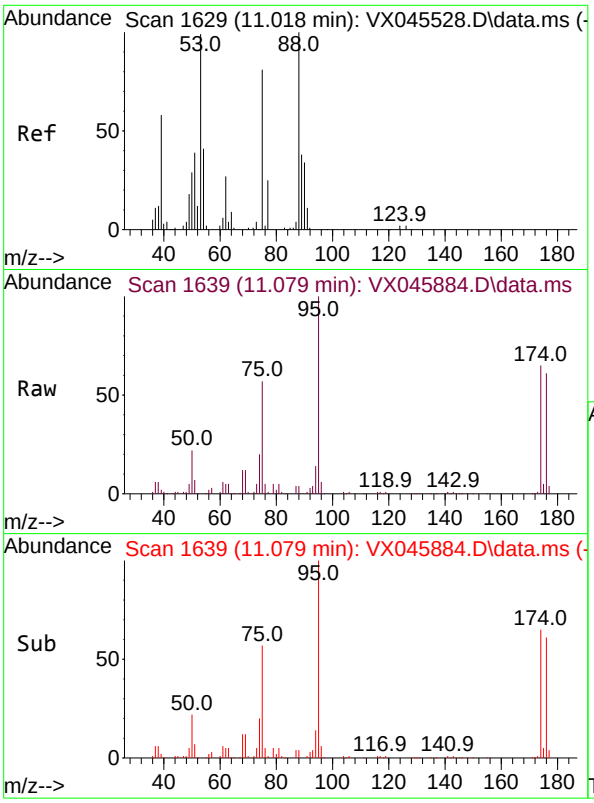


#76
1,2,3-Trichloropropane
Concen: 28.614 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Tgt Ion: 75 Resp: 37501

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.111 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045884.D
Acq: 22 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
PB167661ZHE#05

Tgt Ion: 75 Resp: 37501

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	37.2	55.8#