Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
Data File : VX045105.D
Acq On : 03 Mar 2025 11:30
Operator : JC/MD
Sample : PB166928TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 03 12:05:21 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	5.544	168	75337	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	152031	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	143120	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62542	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.946	65	62450	52.11	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.22%				
35) Dibromofluoromethane	5.379	113	51016	50.18	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.36%				
50) Toluene-d8	8.641	98	189518	51.42	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.84%				
62) 4-Bromofluorobenzene	11.079	95	66977	54.84	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.68%				
Target Compounds							Qvalue
5) Bromomethane	1.599	94	165	0.36	ug/l	#	3
11) Tert butyl alcohol	2.935	59	1569	6.91	ug/l	#	73
13) Acrolein	2.233	56	65	0.25	ug/l	#	1
16) Acetone	2.380	43	23995	43.16	ug/l		97
17) Carbon Disulfide	2.502	76	667	0.27	ug/l	#	66
18) Methyl Acetate	2.703	43	1459	1.09	ug/l		95
20) Methylene Chloride	2.782	84	2123	1.93	ug/l	#	92
25) 2-Butanone	4.587	43	3032	3.62	ug/l	#	89
29) Tetrahydrofuran	5.026	42	182	0.32	ug/l	#	55
30) Chloroform	5.087	83	662	0.35	ug/l		98
31) Cyclohexane	5.538	56	1939	1.19	ug/l	#	51
36) 1,1-Dichloropropene	5.544	75	6433	4.61	ug/l	#	47
37) Ethyl Acetate	4.751	43	1046	0.58	ug/l	#	72
38) Carbon Tetrachloride	5.538	117	8149	5.76	ug/l	#	15
43) Isopropyl Acetate	6.336	43	62269	23.44	ug/l		99
48) Methyl methacrylate	7.793	41	63963	47.99	ug/l	#	46
49) 1,4-Dioxane	7.800	88	79	2.81	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.543	43	59419	33.31	ug/l	#	47
54) cis-1,3-Dichloropropene	8.543	75	25117	16.42	ug/l	#	64
56) Ethyl methacrylate	9.238	69	354	0.22	ug/l	#	1
57) 1,3-Dichloropropane	9.476	76	3129	1.70	ug/l	#	43
59) 2-Hexanone	9.482	43	44864	34.72	ug/l	#	53
74) N-amyl acetate	10.817	43	476	0.21	ug/l	#	45
76) 1,2,3-Trichloropropane	11.079	75	34792	23.90	ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34792	81.79	ug/l	#	6
93) 1,2,4-Trichlorobenzene	13.585	180	315	0.27	ug/l	#	71
95) Naphthalene	13.780	128	1634	0.36	ug/l	#	92
96) 1,2,3-Trichlorobenzene	13.957	180	304	0.25	ug/l		93

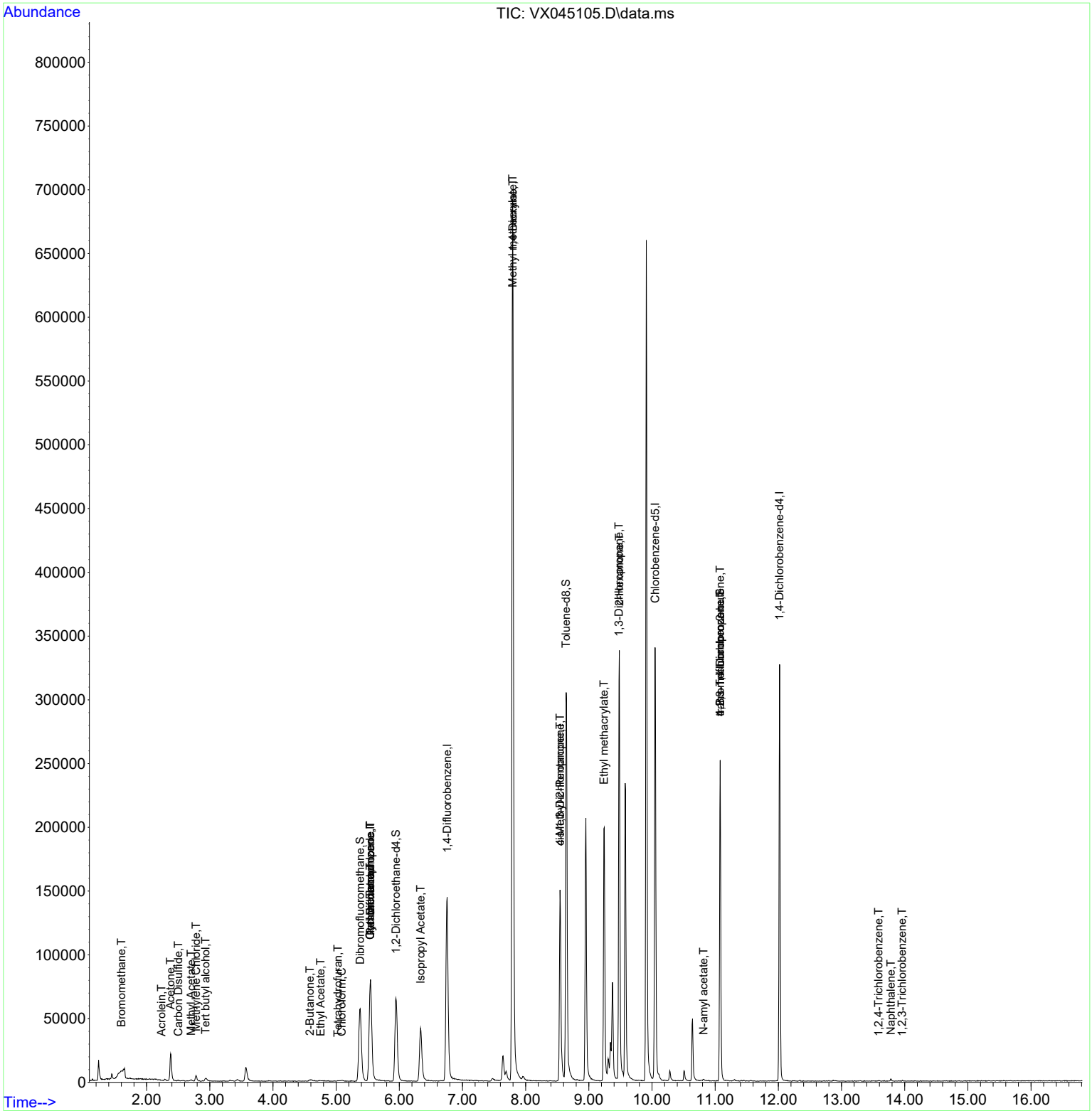
(#) = qualifier out of range (m) = manual integration (+) = signals summed

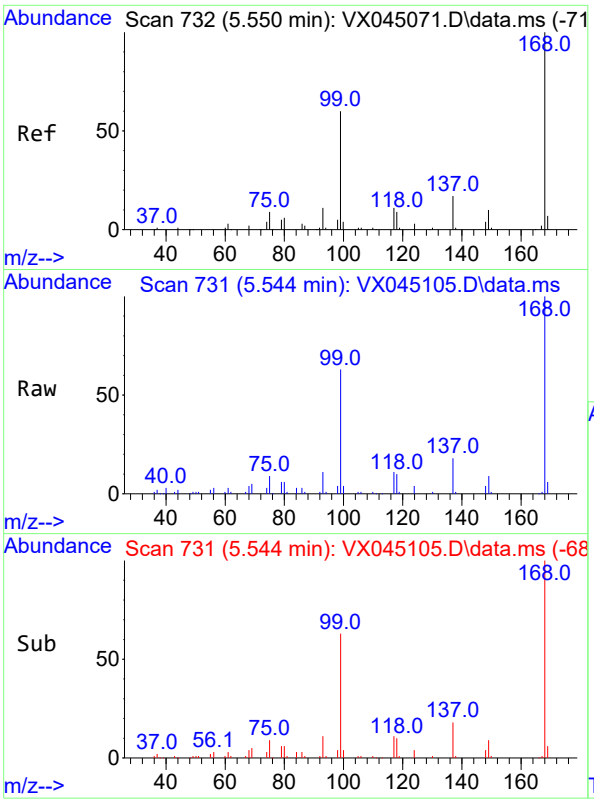
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
Data File : VX045105.D
Acq On : 03 Mar 2025 11:30
Operator : JC/MD
Sample : PB166928TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 03 12:05:21 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



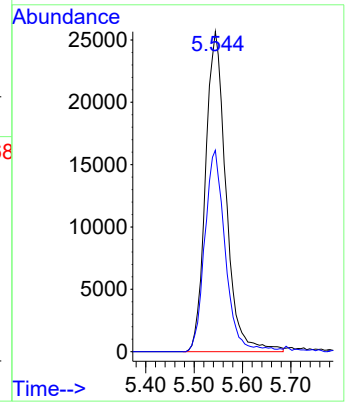


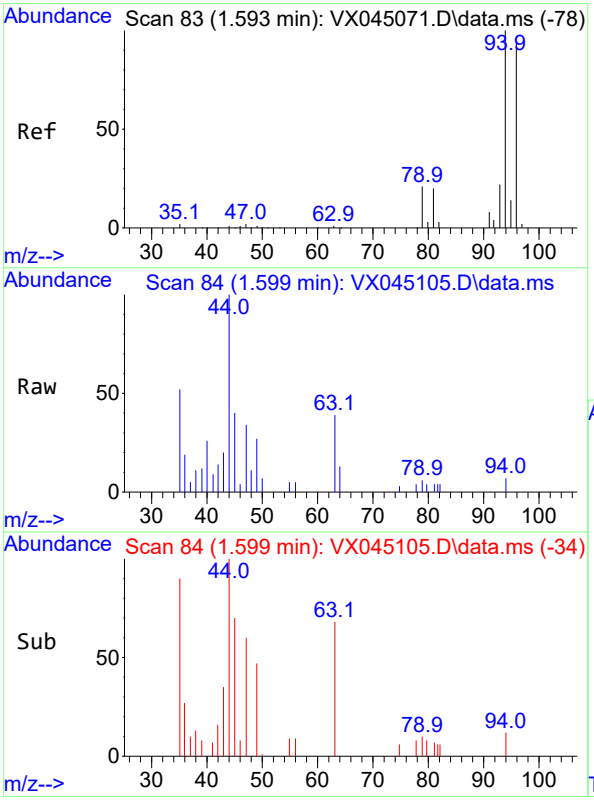
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 75337

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.2	72.4

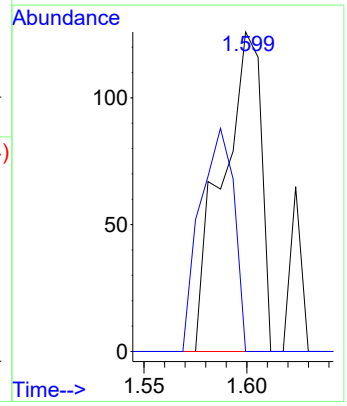


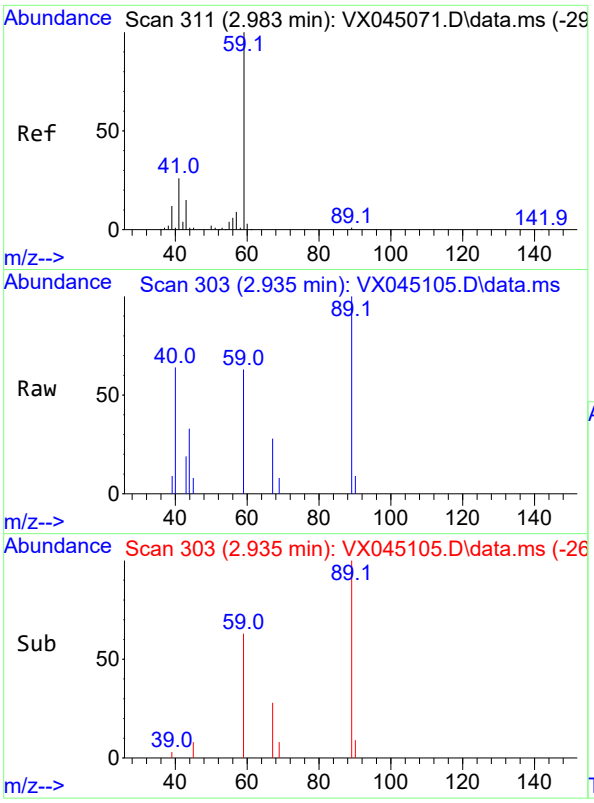


#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 94 Resp: 165

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.0	112.4#



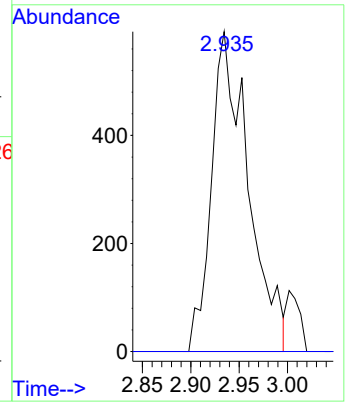


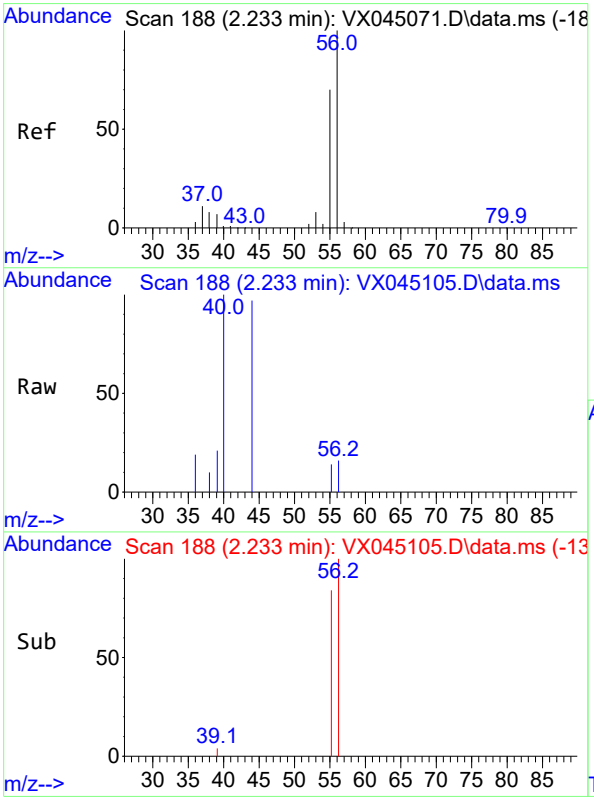
#11
Tert butyl alcohol
Concen: 6.91 ug/l
RT: 2.935 min Scan# 3
Delta R.T. -0.049 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1569

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

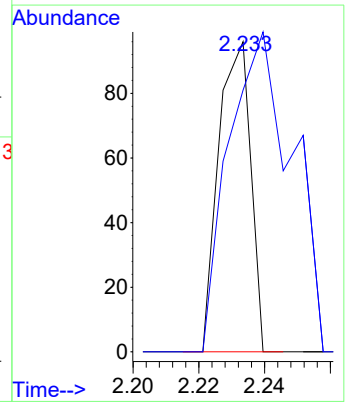


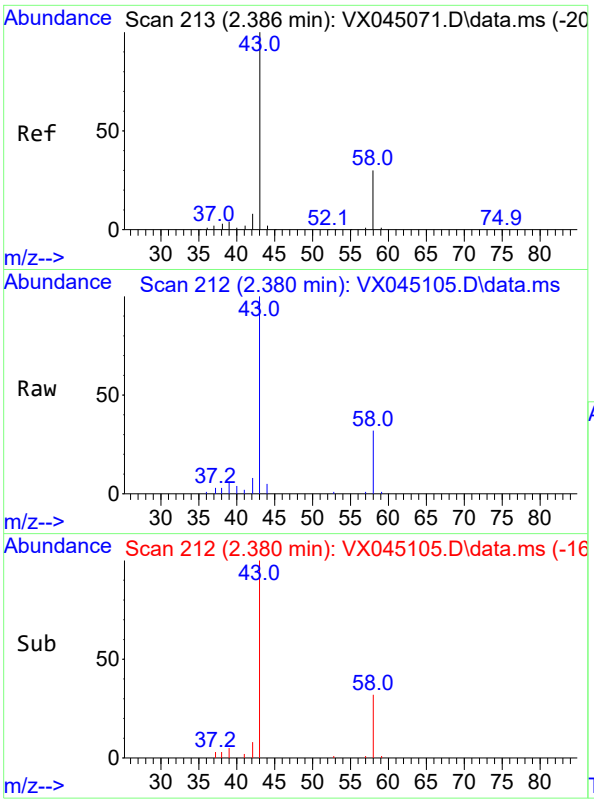


#13
Acrolein
Concen: 0.25 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 56 Resp: 65

Ion	Ratio	Lower	Upper
56	100		
55	203.1	56.2	84.4#



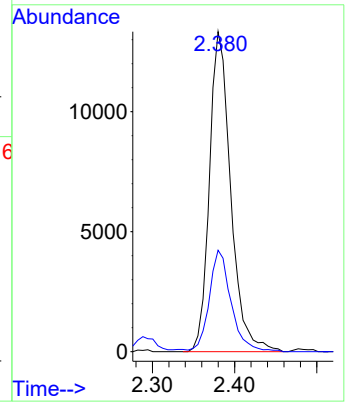


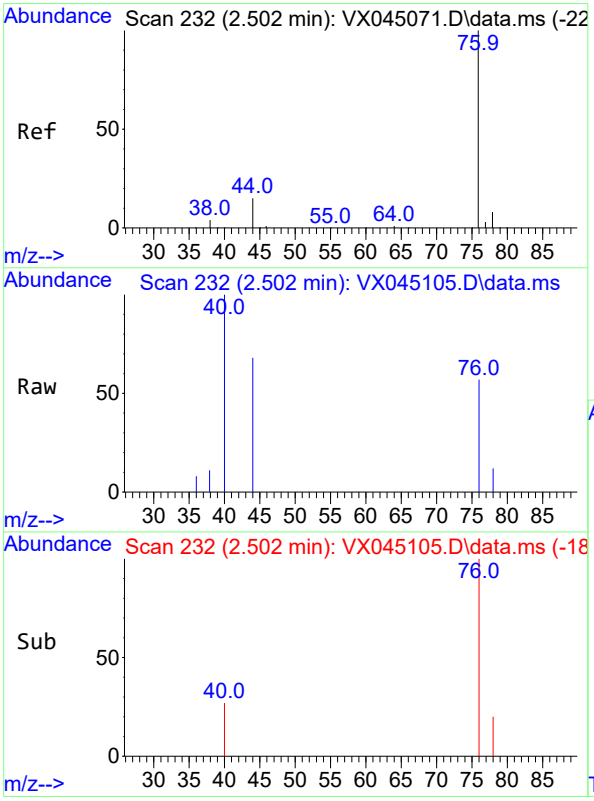
#16
Acetone
Concen: 43.16 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23995

Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.2	36.4

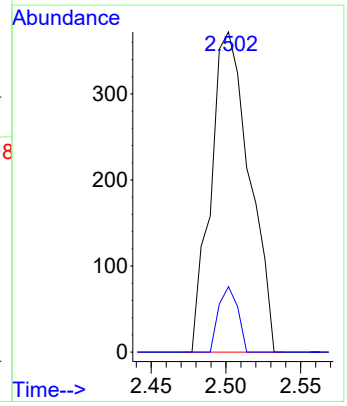


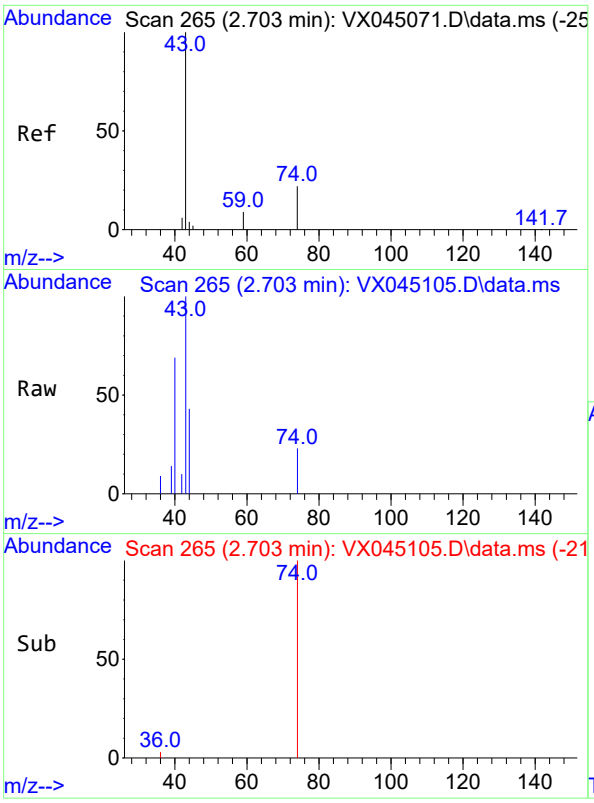


#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 76 Resp: 667

Ion	Ratio	Lower	Upper
76	100		
78	20.4	6.6	9.8#



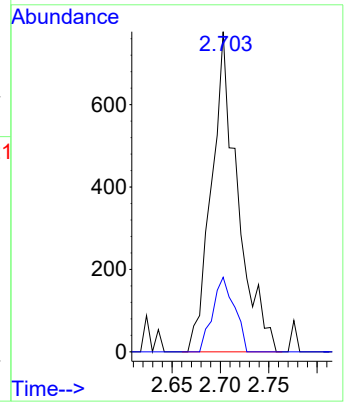


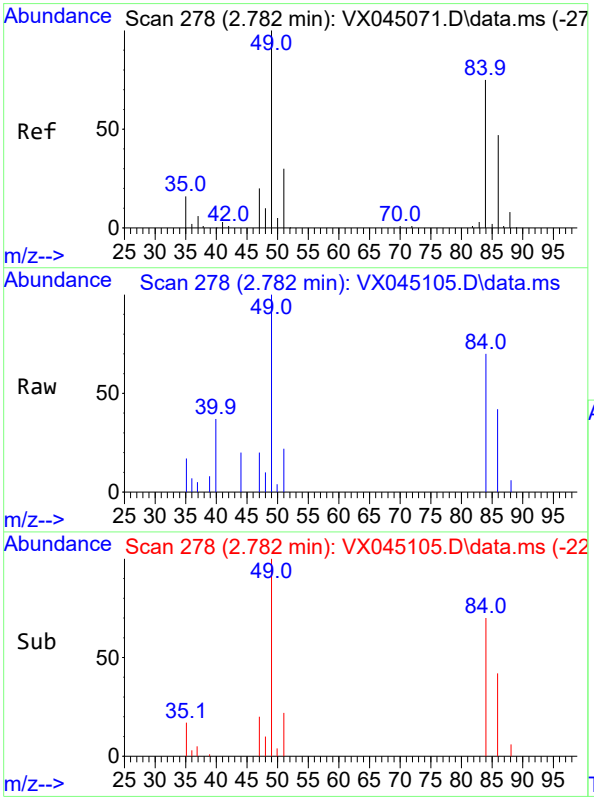
#18
Methyl Acetate
Concen: 1.09 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1459

Ion	Ratio	Lower	Upper
43	100		
74	19.4	17.4	26.2

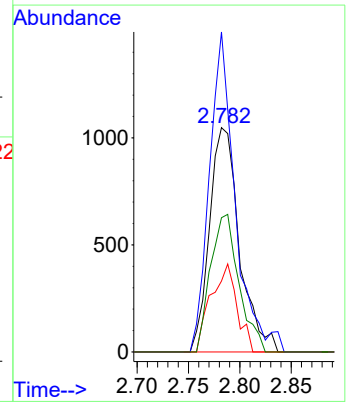


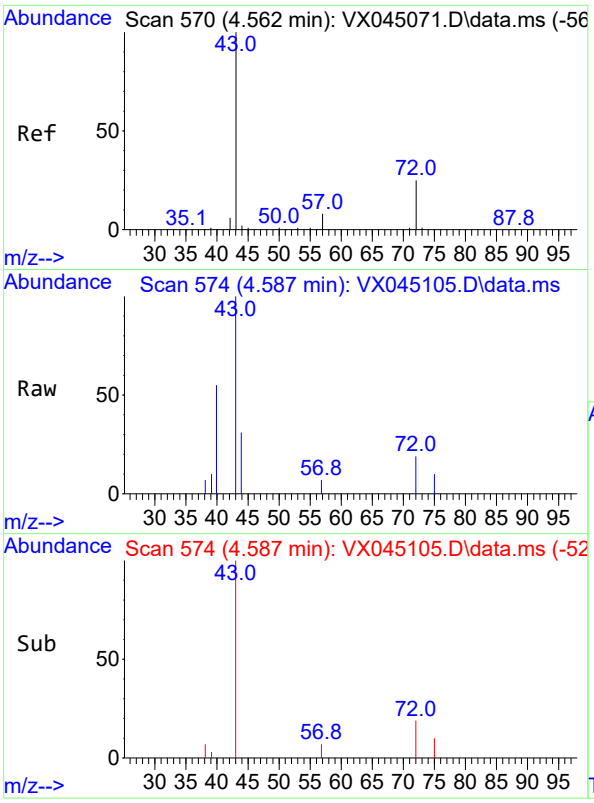


#20
Methylene Chloride
Concen: 1.93 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 84 Resp: 2123

Ion	Ratio	Lower	Upper
84	100		
49	142.7	106.5	159.7
51	31.6	32.1	48.1#
86	59.8	50.0	75.0



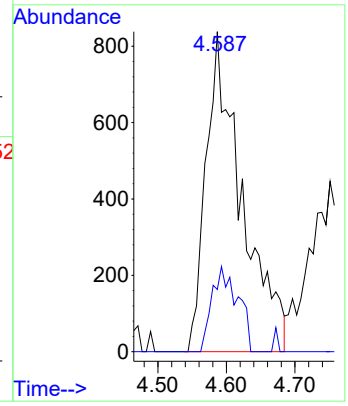


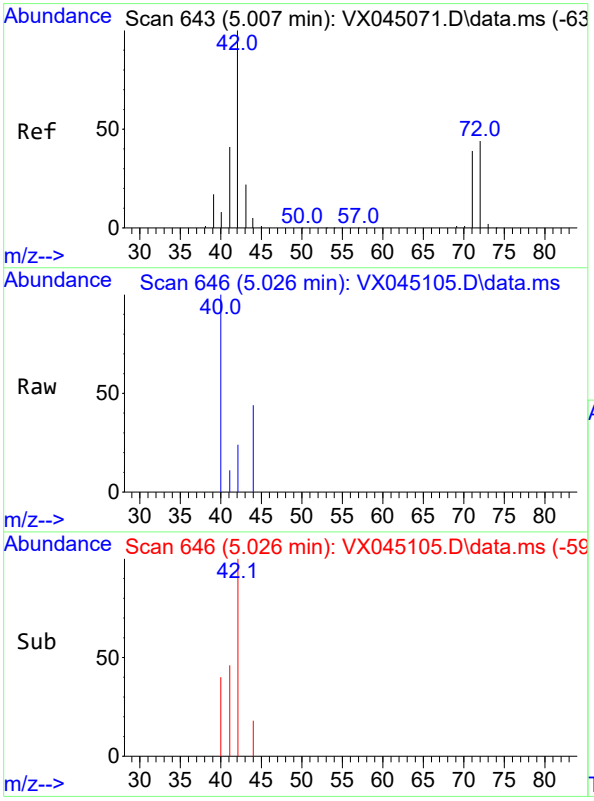
#25
2-Butanone
Concen: 3.62 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3032

Ion	Ratio	Lower	Upper
43	100		
72	19.5	20.0	30.0#

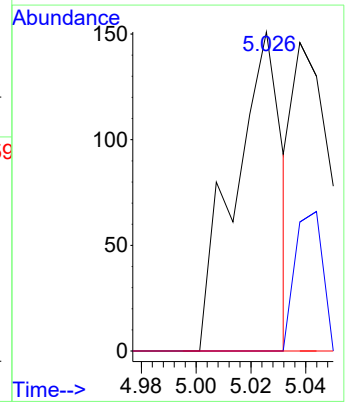


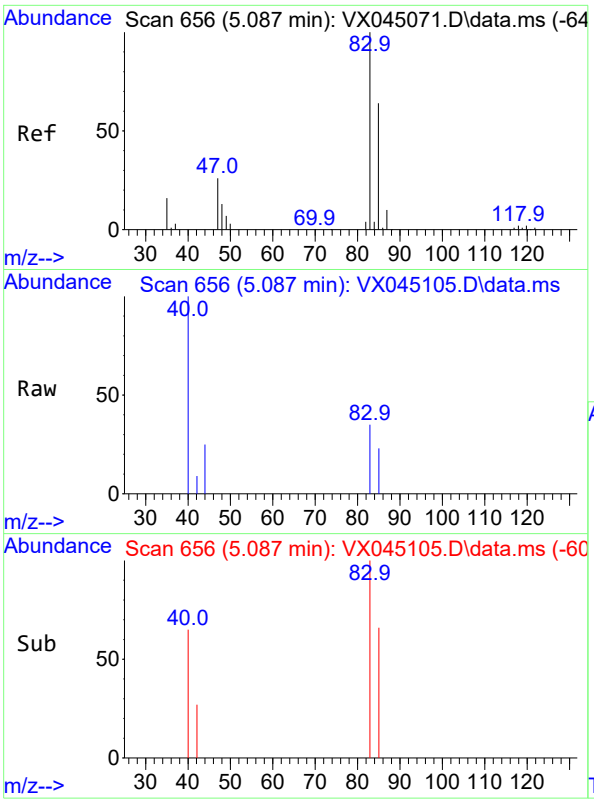


#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 42 Resp: 182

Ion	Ratio	Lower	Upper
42	100		
72	25.3	34.1	51.1#
71	0.0	31.4	47.0#



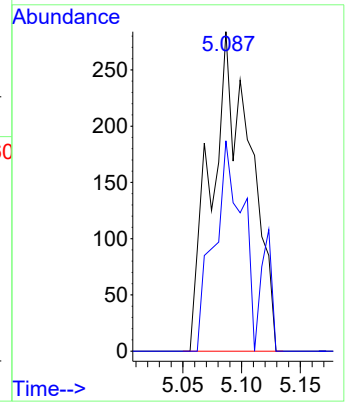


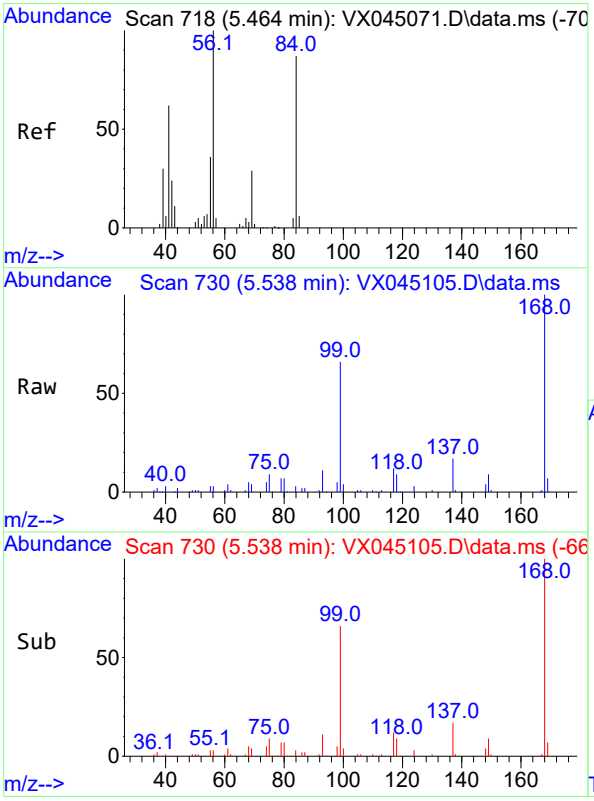
#30
Chloroform
Concen: 0.35 ug/l
RT: 5.087 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 662

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2

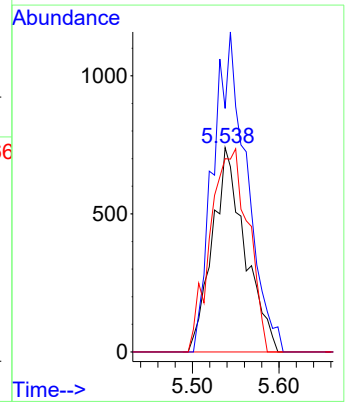


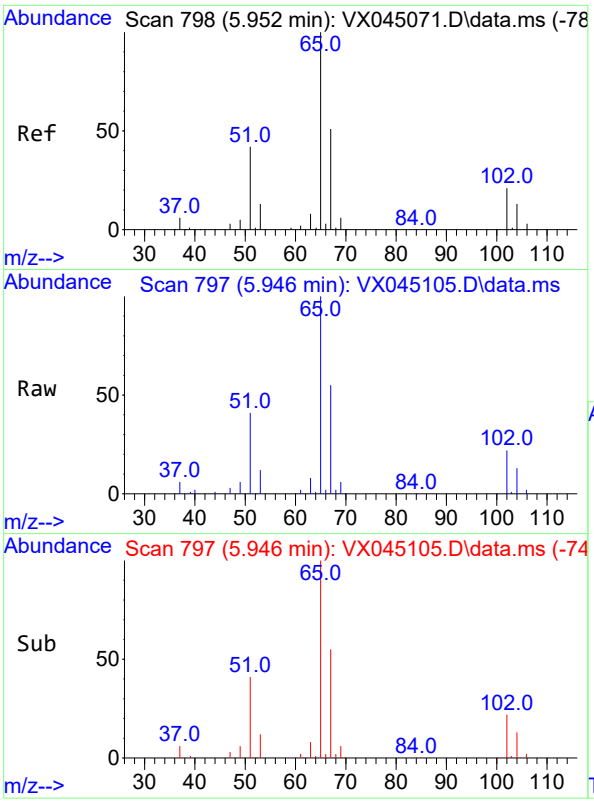


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 56 Resp: 1939

Ion	Ratio	Lower	Upper
56	100		
69	119.2	23.4	35.2#
84	94.6	69.4	104.2



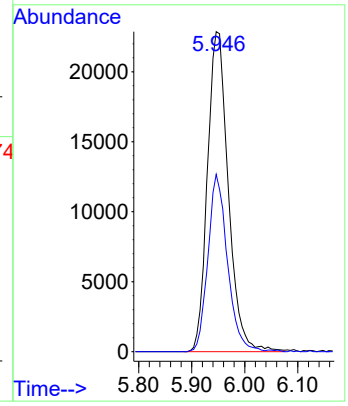


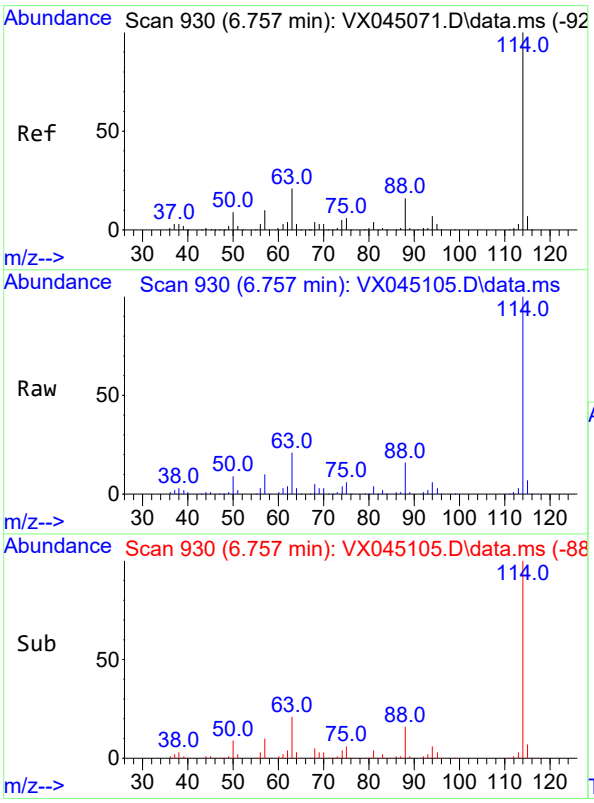
#33
1,2-Dichloroethane-d4
Concen: 52.11 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 62450

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.2

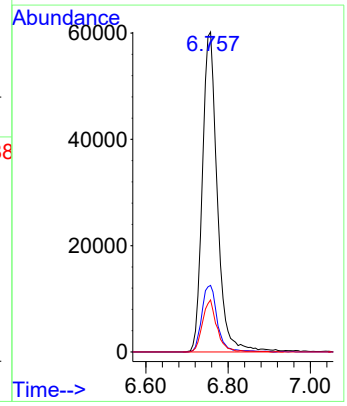


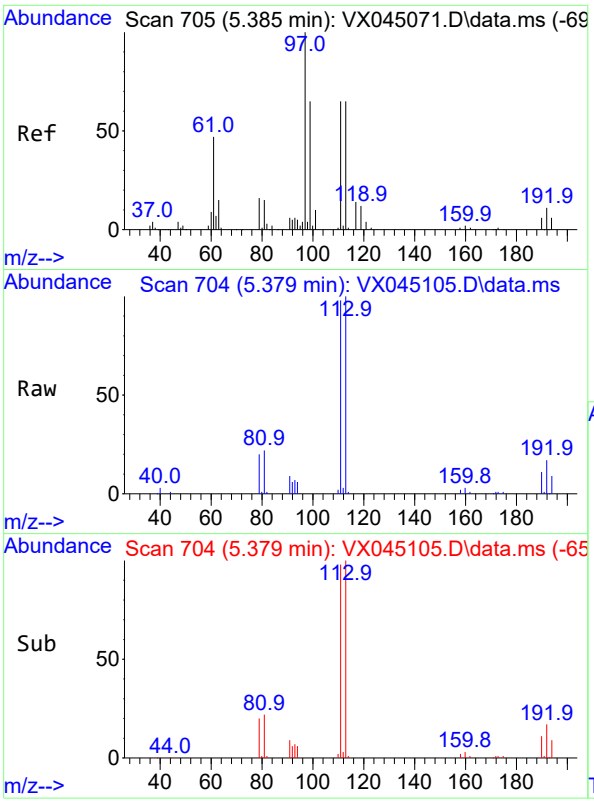


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion:114 Resp: 152031

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.8
88	16.2	0.0	32.8



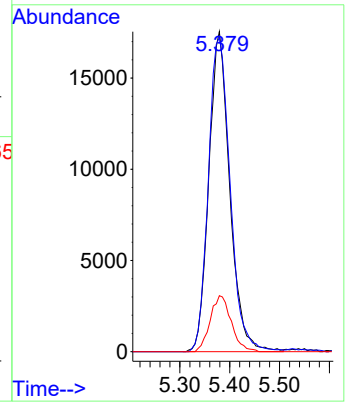


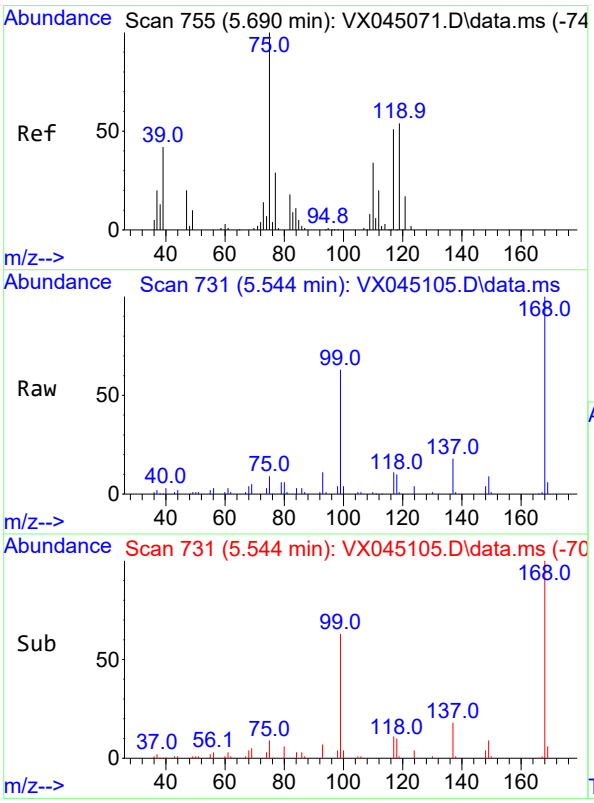
#35
Dibromofluoromethane
Concen: 50.18 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 51016

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.6	14.3	21.5

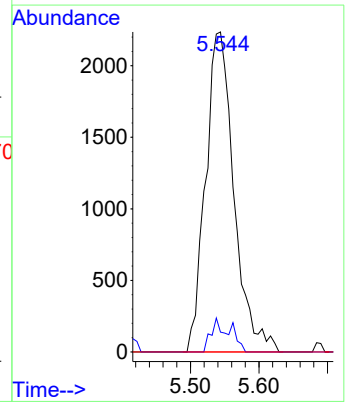


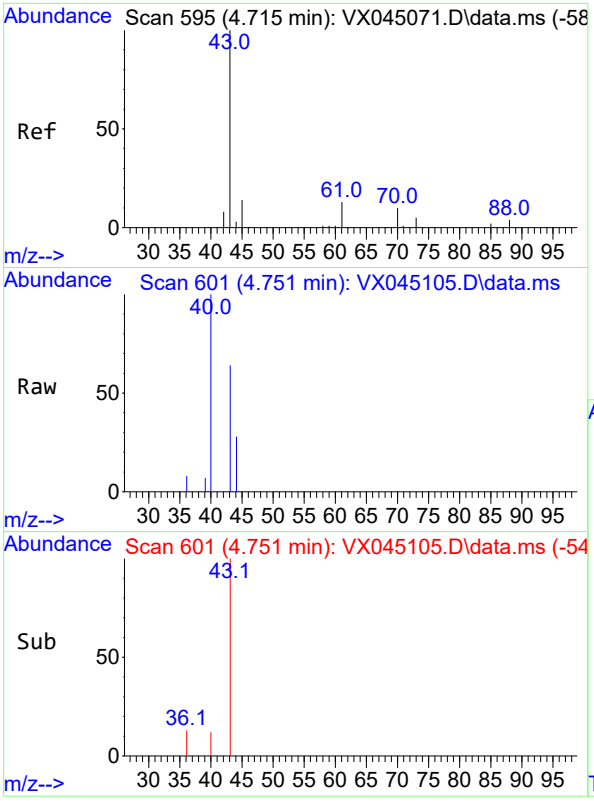


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 75 Resp: 6433

Ion	Ratio	Lower	Upper
75	100		
110	5.0	16.9	50.6#
77	0.0	24.5	36.7#



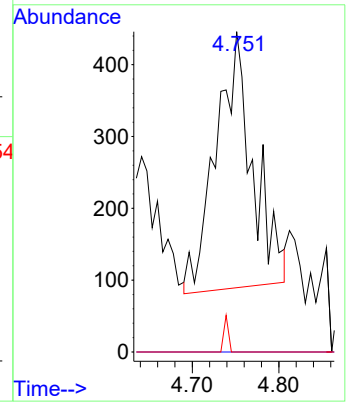


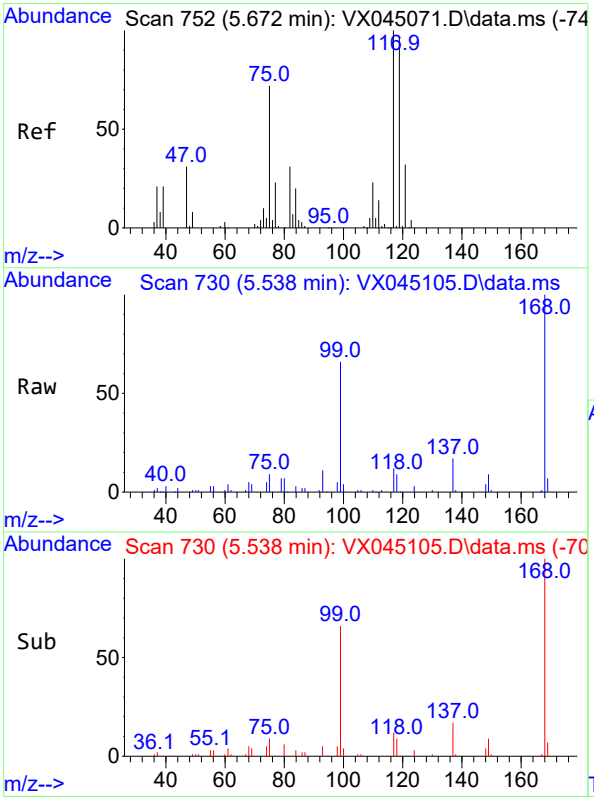
#37
Ethyl Acetate
Concen: 0.58 ug/l
RT: 4.751 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1046

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	1.8	7.7	11.5#

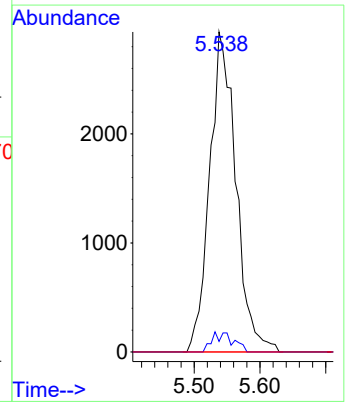


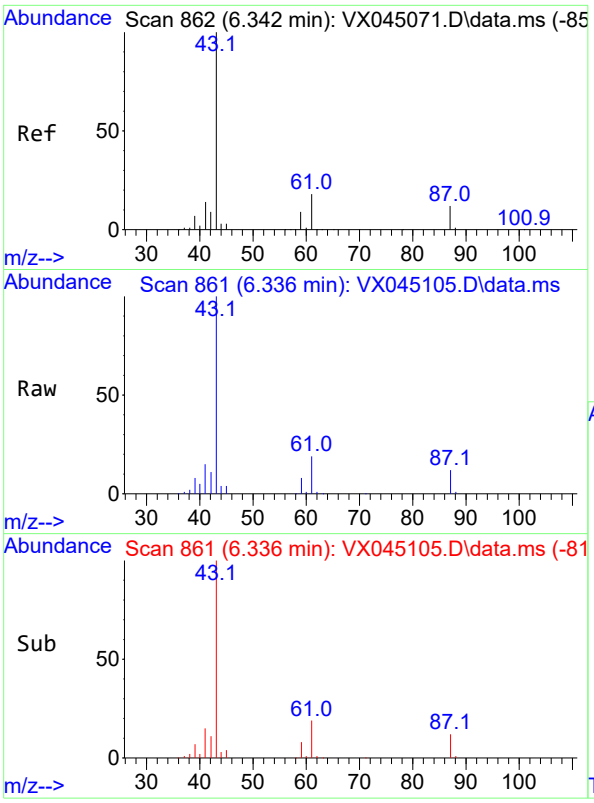


#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion:117 Resp: 8149

Ion	Ratio	Lower	Upper
117	100		
119	3.3	76.7	115.1#
121	0.0	25.5	38.3#



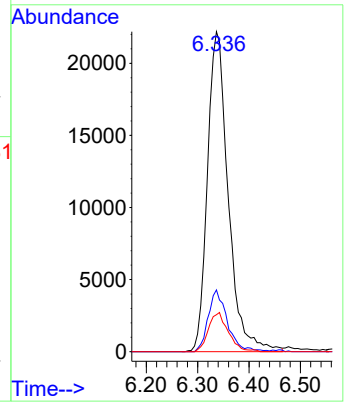


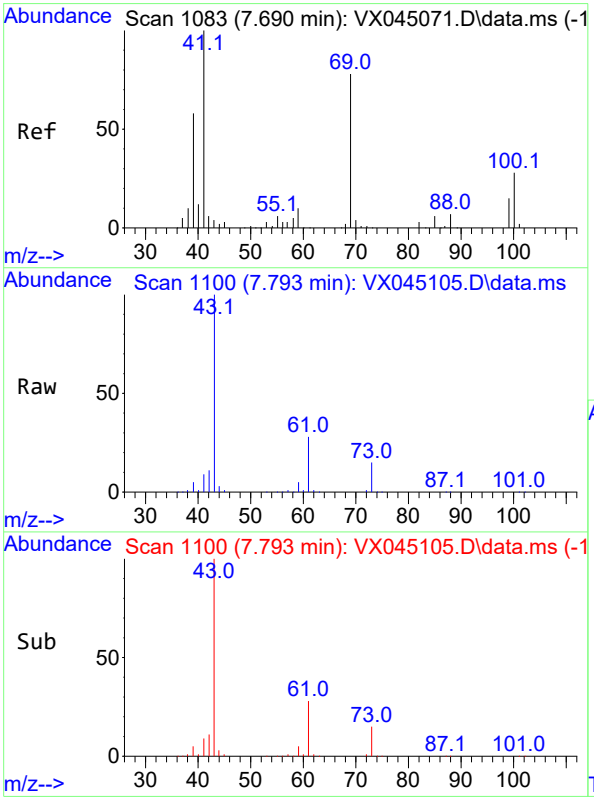
#43
Isopropyl Acetate
Concen: 23.44 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 62269

Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.9	22.3
87	11.7	9.4	14.2

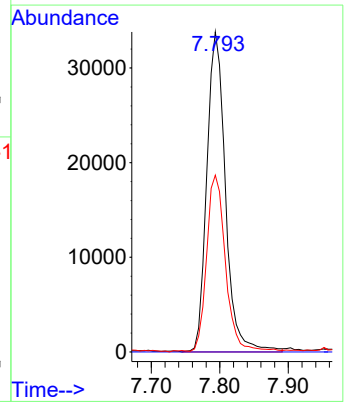


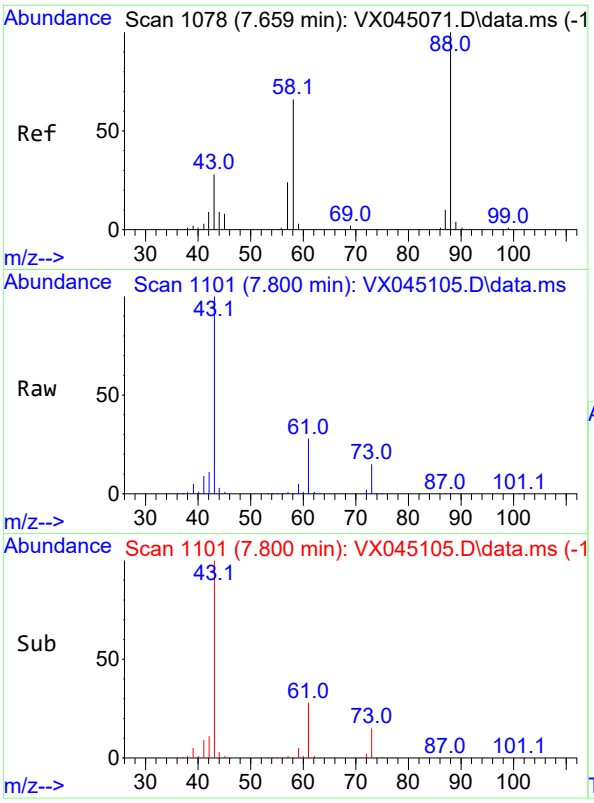


#48
Methyl methacrylate
Concen: 47.99 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 41 Resp: 63963

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	55.4	47.5	71.3



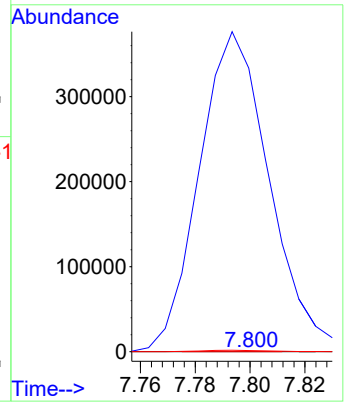


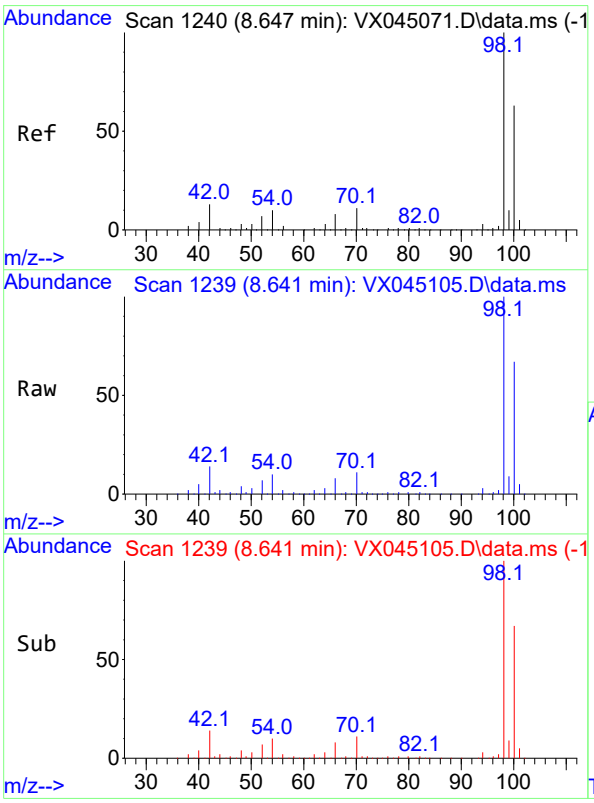
#49
1,4-Dioxane
Concen: 2.81 ug/l
RT: 7.800 min Scan# 1
Delta R.T. 0.140 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	873701.3	28.7	43.1#
58	3820.3	55.8	83.8#

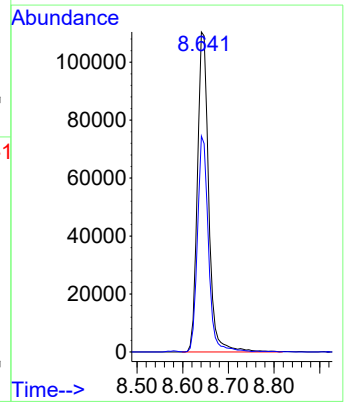


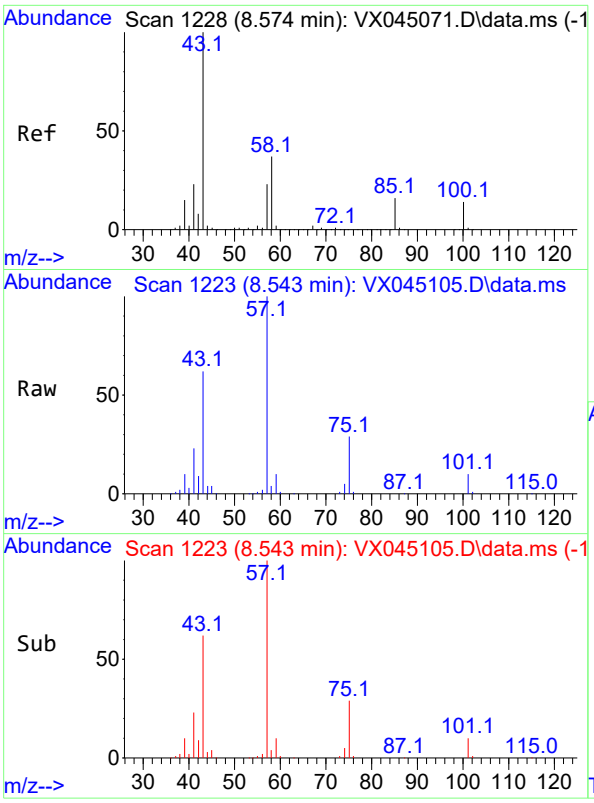


#50
Toluene-d8
Concen: 51.42 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 98 Resp: 189518

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0



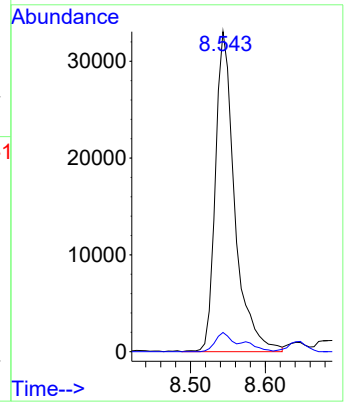


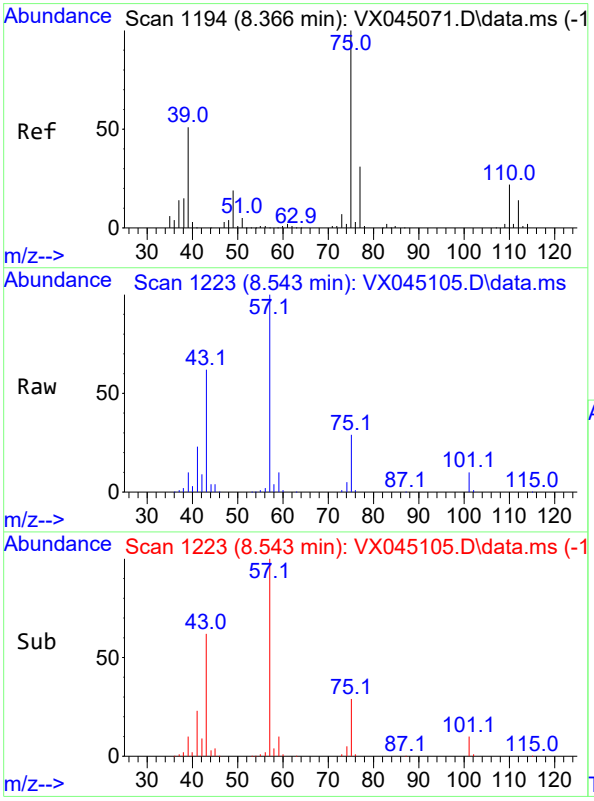
#51
4-Methyl-2-Pentanone
Concen: 33.31 ug/l
RT: 8.543 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 59419

Ion	Ratio	Lower	Upper
43	100		
58	5.1	29.2	43.8#

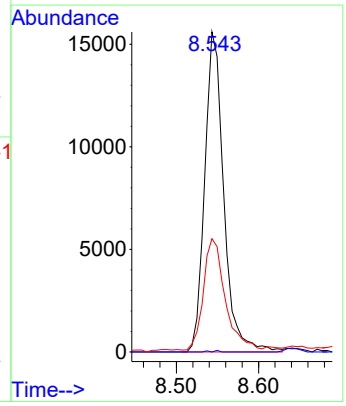


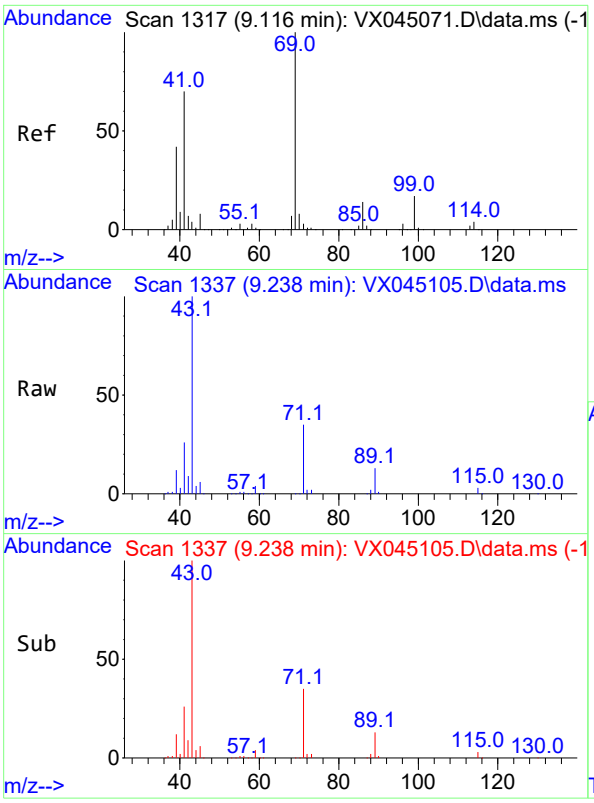


#54
cis-1,3-Dichloropropene
Concen: 16.42 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. 0.177 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 75 Resp: 25117

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.7	37.1#
39	34.8	40.7	61.1#



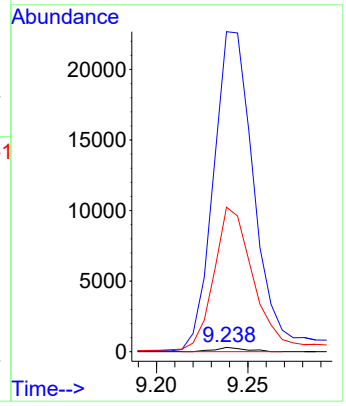


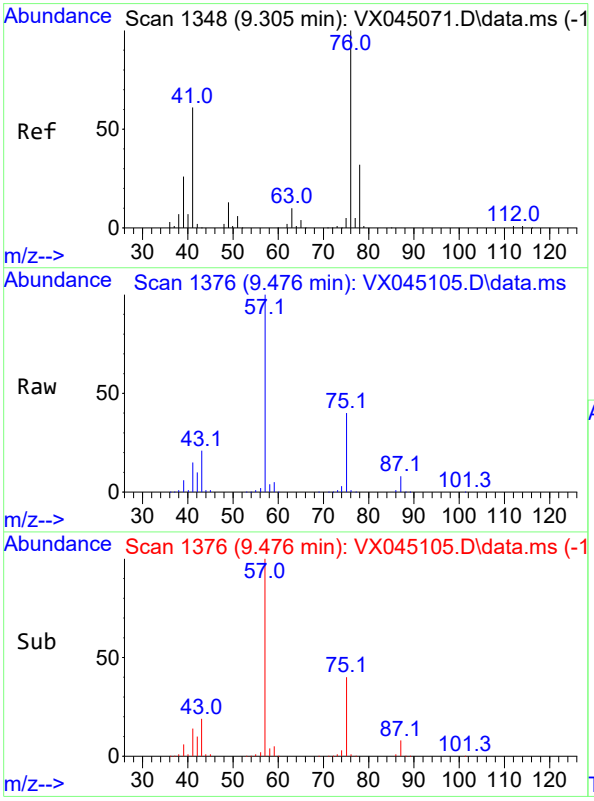
#56
Ethyl methacrylate
Concen: 0.22 ug/l
RT: 9.238 min Scan# 1
Delta R.T. 0.122 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 354

Ion	Ratio	Lower	Upper
69	100		
41	10107.6	57.0	85.4#
39	4333.6	34.2	51.4#

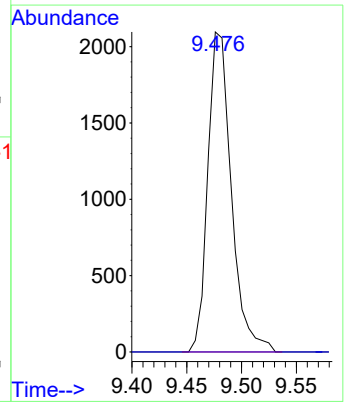


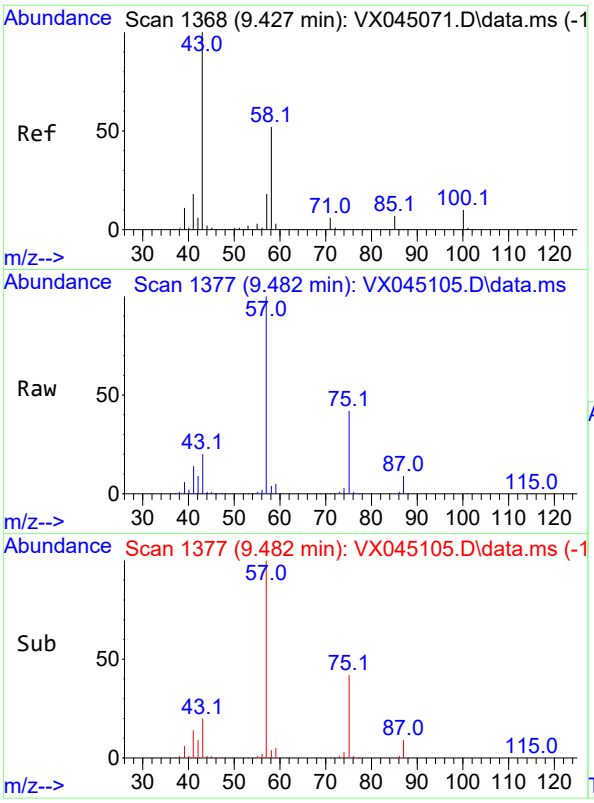


#57
1,3-Dichloropropane
Concen: 1.70 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.171 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 76 Resp: 3129

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



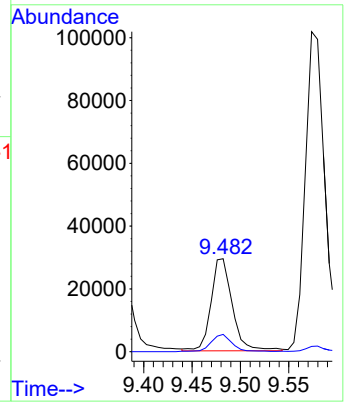


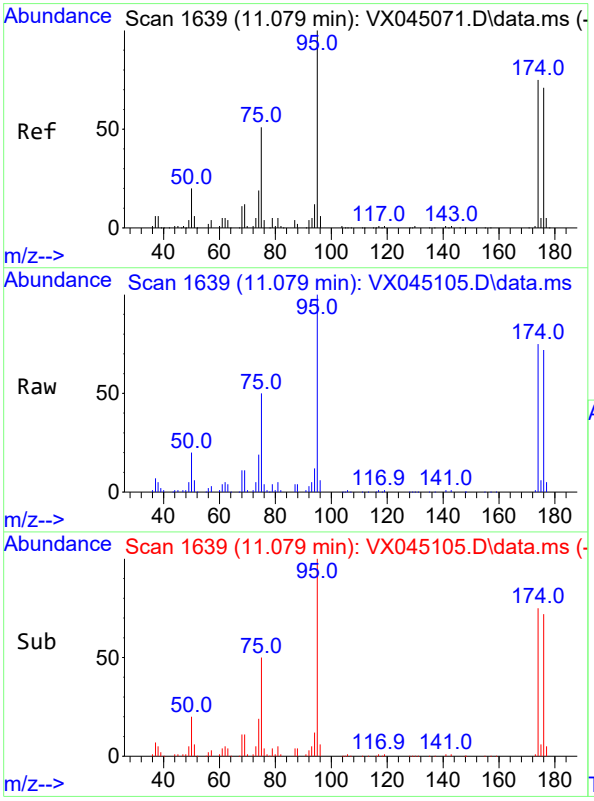
#59
2-Hexanone
Concen: 34.72 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 44864

Ion	Ratio	Lower	Upper
43	100		
58	18.8	25.9	77.6#

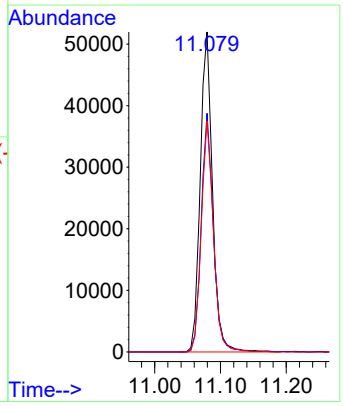


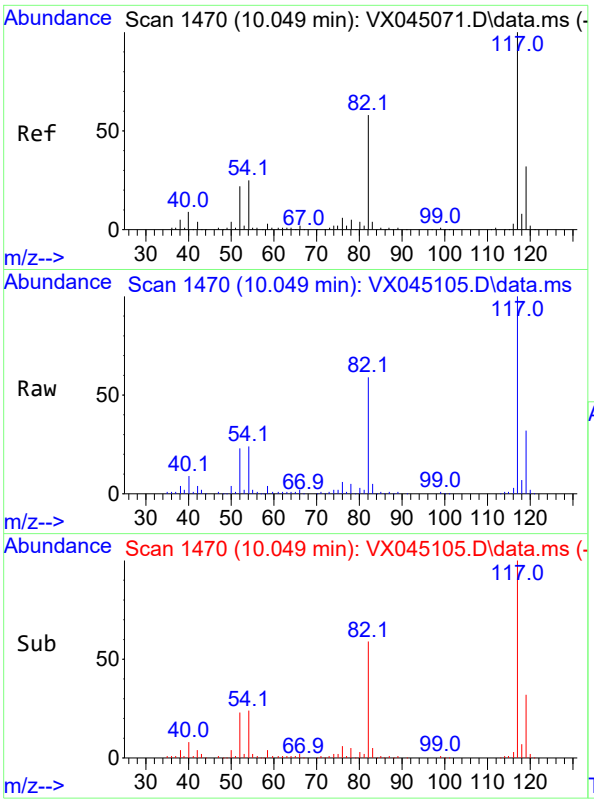


#62
4-Bromofluorobenzene
Concen: 54.84 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 95 Resp: 66977

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	148.2
176	71.5	0.0	141.4



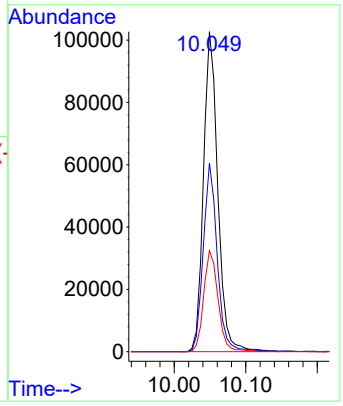


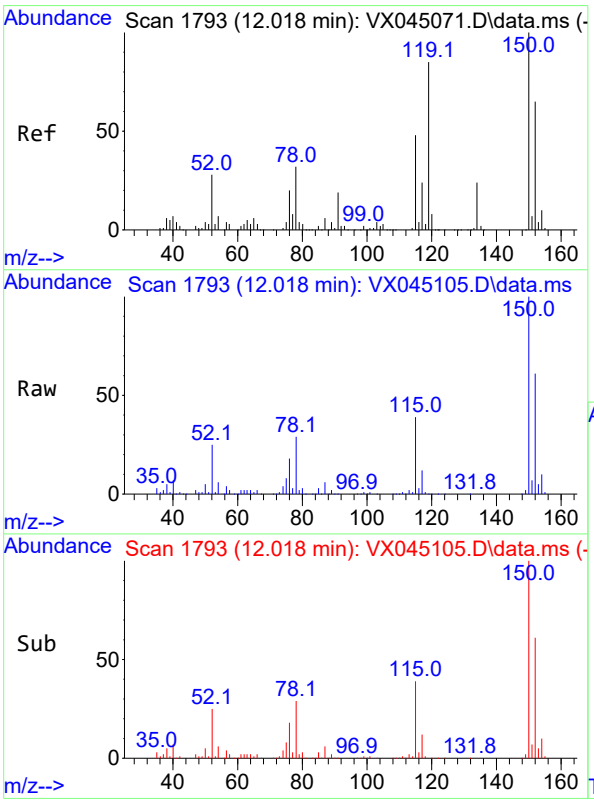
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 143120

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.3	69.5
119	31.6	25.7	38.5

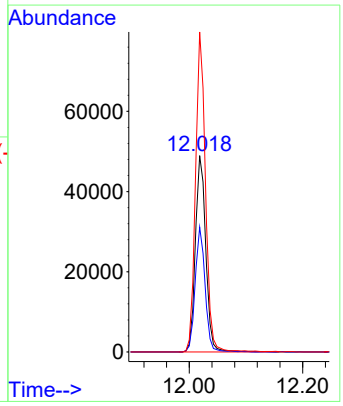


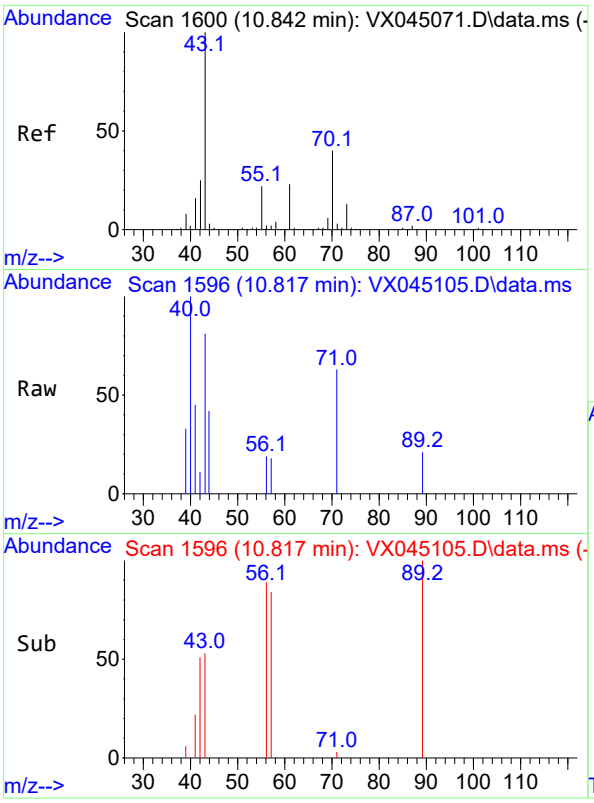


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion:152 Resp: 62542

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.2	132.6
150	156.1	0.0	349.0



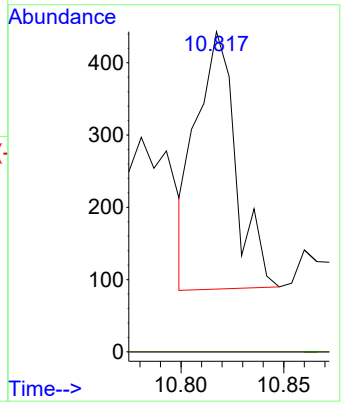


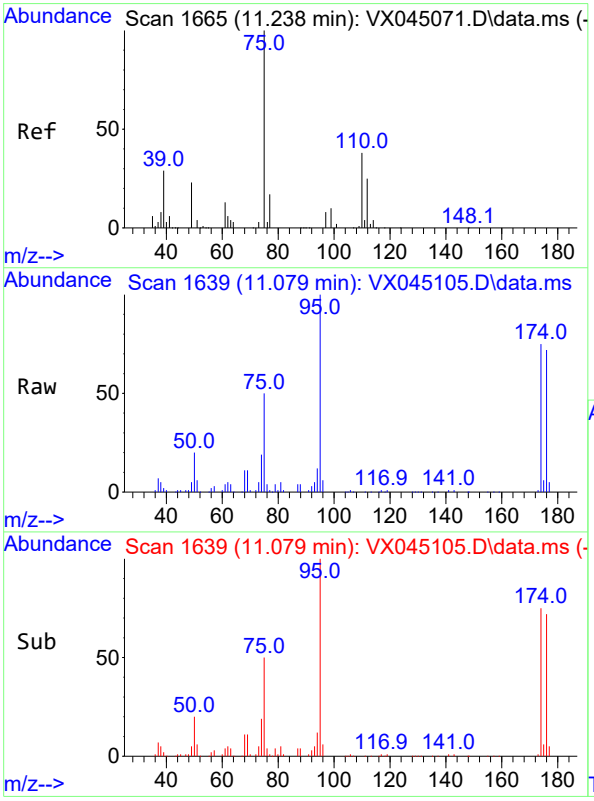
#74
N-amyl acetate
Concen: 0.21 ug/l
RT: 10.817 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 476

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

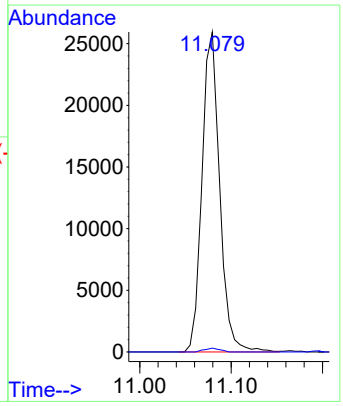


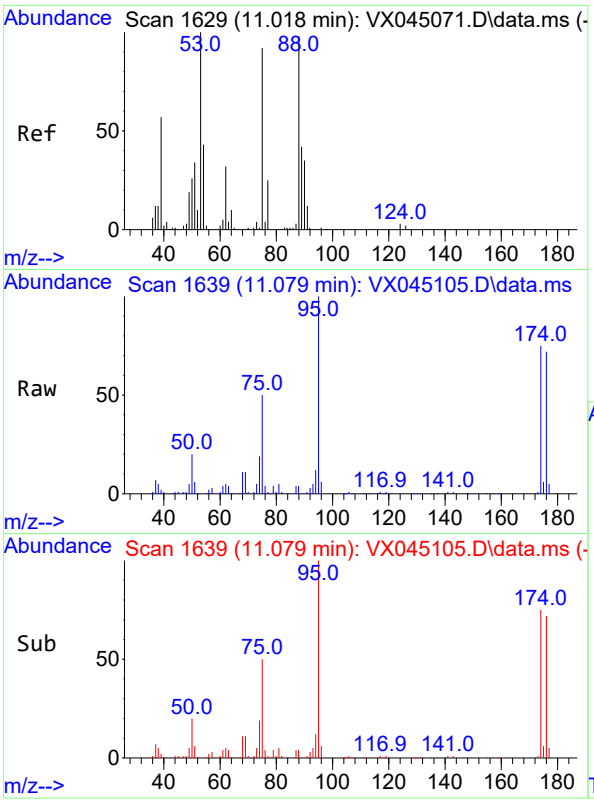


#76
1,2,3-Trichloropropane
Concen: 23.90 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion: 75 Resp: 34792

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.7	62.1#



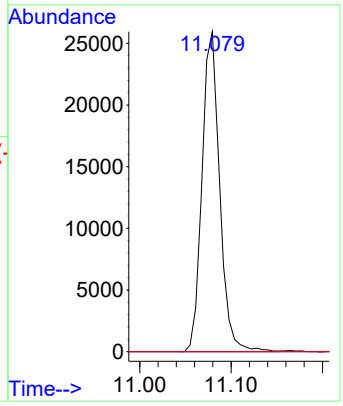


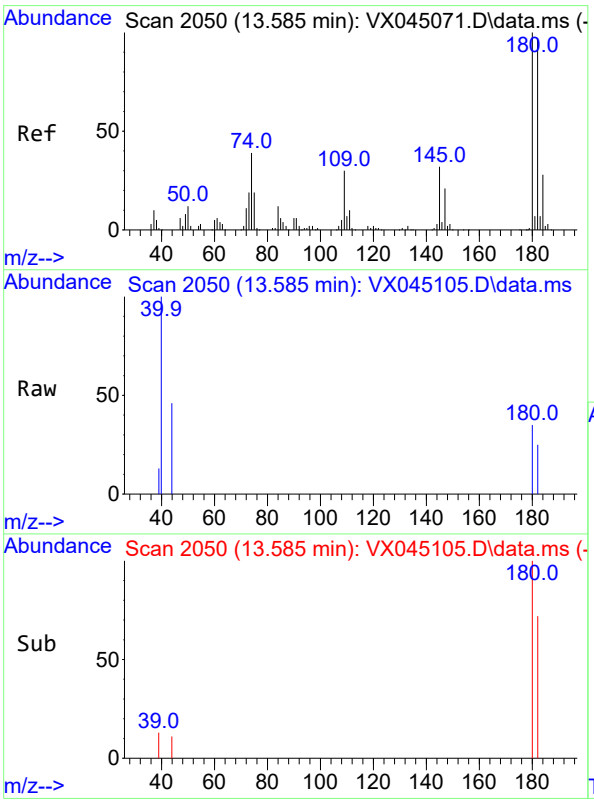
#81
trans-1,4-Dichloro-2-butene
Concen: 81.79 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 34792

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

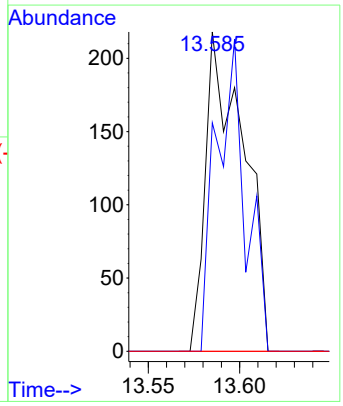


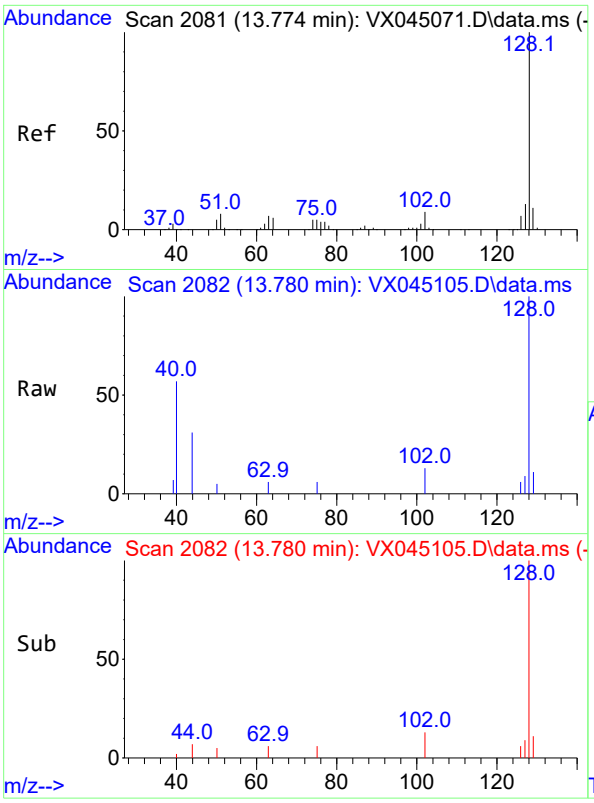


#93
1,2,4-Trichlorobenzene
Concen: 0.27 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion:180 Resp: 315

Ion	Ratio	Lower	Upper
180	100		
182	76.2	47.3	141.9
145	0.0	16.3	48.9#



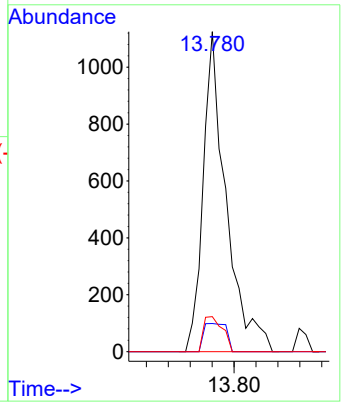


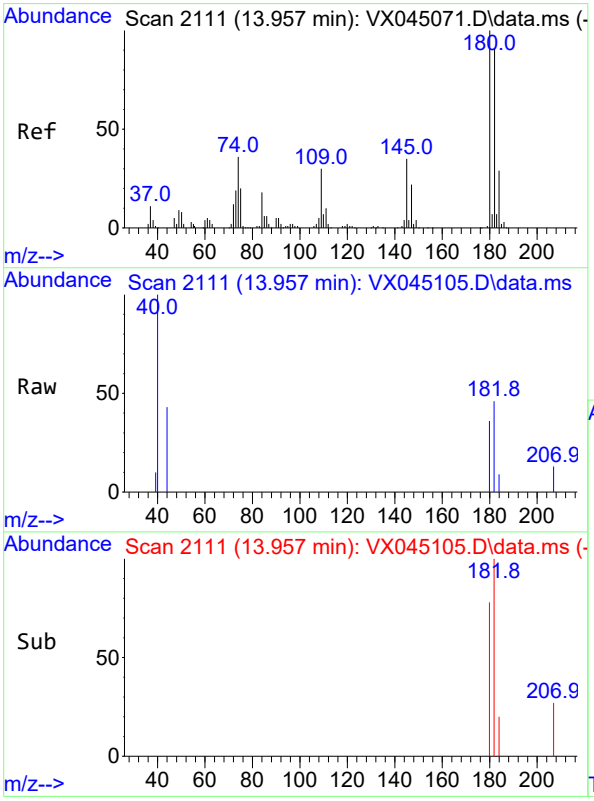
#95
Naphthalene
Concen: 0.36 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1634

Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.3	15.5#
129	9.1	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.25 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045105.D
Acq: 03 Mar 2025 11:30

Tgt Ion:180 Resp: 304

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	21.1	17.0	50.9