Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
Data File : VX044808.D
Acq On : 03 Feb 2025 12:18
Operator : JC/MD
Sample : Q1215-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 04 02:07:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	118450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	245754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	219935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89647	50.141	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	5.379	113	78267	50.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.646	98	300281	55.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.320%			
62) 4-Bromofluorobenzene	11.079	95	106536	52.497	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.000%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	87	0.214	ug/l #	4
6) Chloroethane	1.654	64	171	0.548	ug/l #	41
11) Tert butyl alcohol	2.940	59	2265	5.683	ug/l #	85
13) Acrolein	2.233	56	193	1.029	ug/l #	78
16) Acetone	2.379	43	31223	44.139	ug/l	97
17) Carbon Disulfide	2.507	76	941	0.249	ug/l #	92
18) Methyl Acetate	2.708	43	2547	1.167	ug/l	91
20) Methylene Chloride	2.788	84	2800	1.700	ug/l	85
25) 2-Butanone	4.580	43	4108	3.906	ug/l	94
29) Tetrahydrofuran	5.037	42	290	0.427	ug/l #	91
30) Chloroform	5.098	83	1807	0.643	ug/l	86
31) Cyclohexane	5.549	56	2872	1.276	ug/l #	27
36) 1,1-Dichloropropene	5.549	75	10578	4.867	ug/l #	48
37) Ethyl Acetate	4.745	43	2591	1.120	ug/l #	82
38) Carbon Tetrachloride	5.549	117	12547	5.133	ug/l #	16
43) Isopropyl Acetate	6.336	43	126423	29.694	ug/l	99
48) Methyl methacrylate	7.610	41	3183	1.611	ug/l #	13
49) 1,4-Dioxane	7.781	88	156	3.783	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	94293	40.076	ug/l #	46
53) t-1,3-Dichloropropene	8.945	75	795	0.291	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	44820	15.118	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	4742	1.670	ug/l #	42
59) 2-Hexanone	9.482	43	67423	38.950	ug/l #	51
74) N-amyl acetate	10.817	43	920	0.241	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	53902	23.475	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	53902	53.683	ug/l #	12

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

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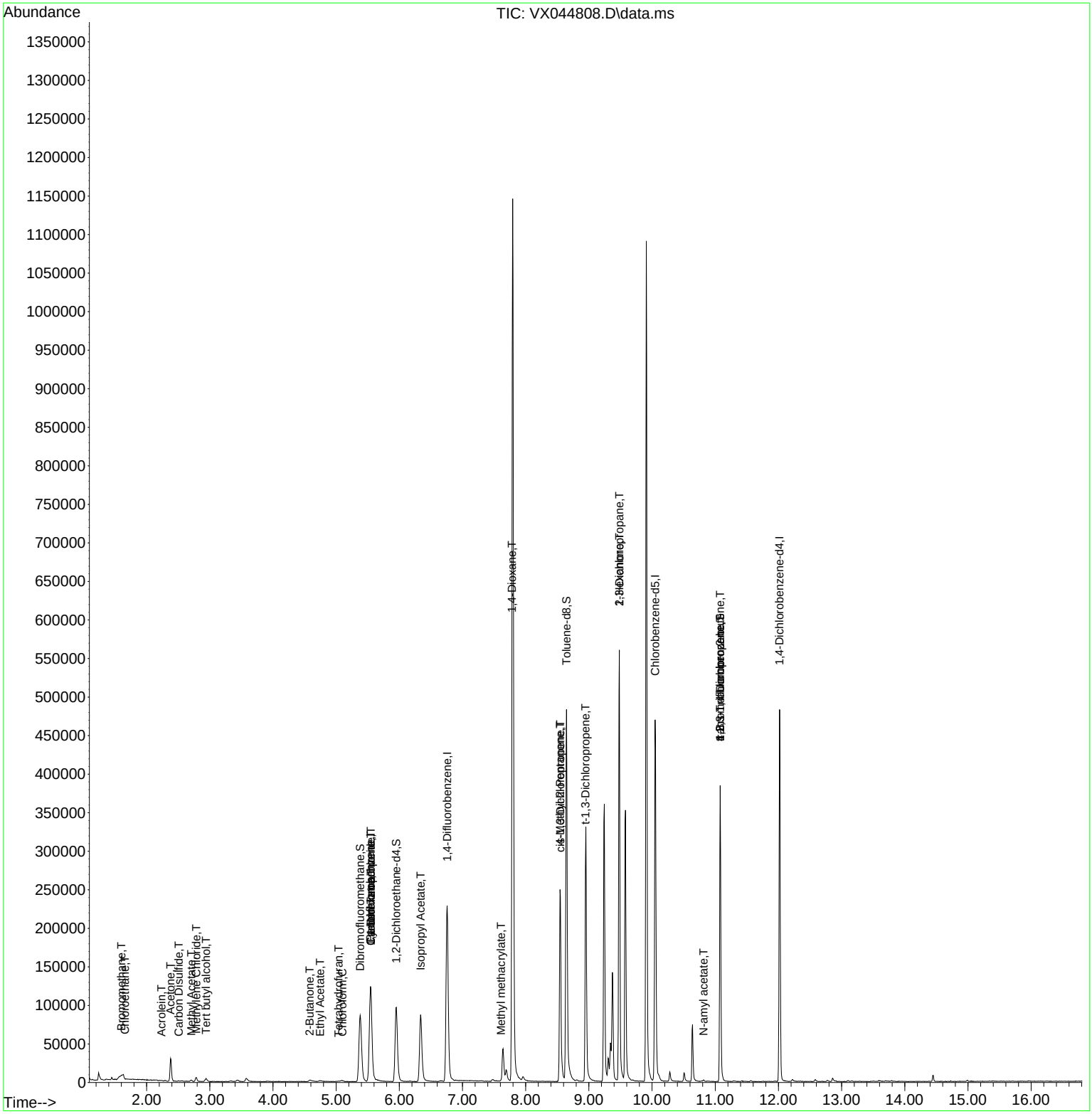
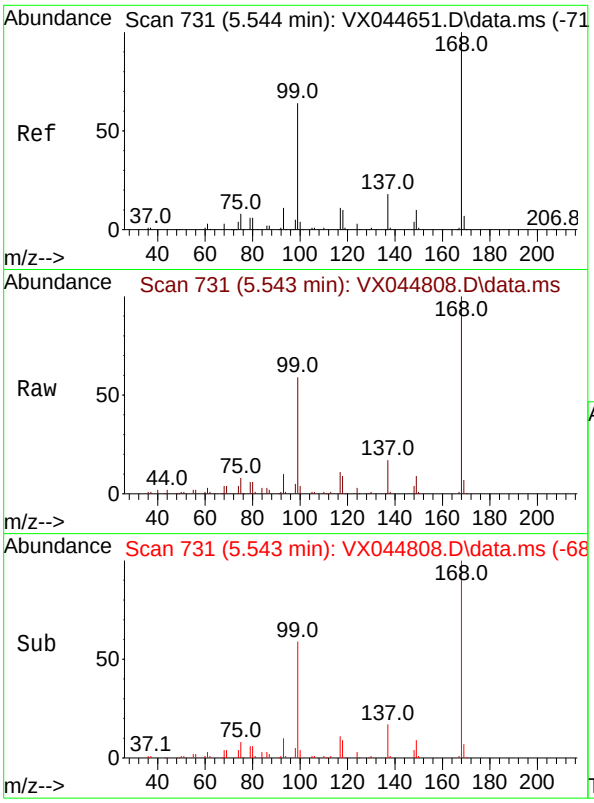
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 04 02:07:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



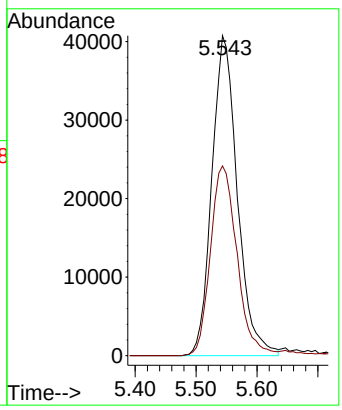


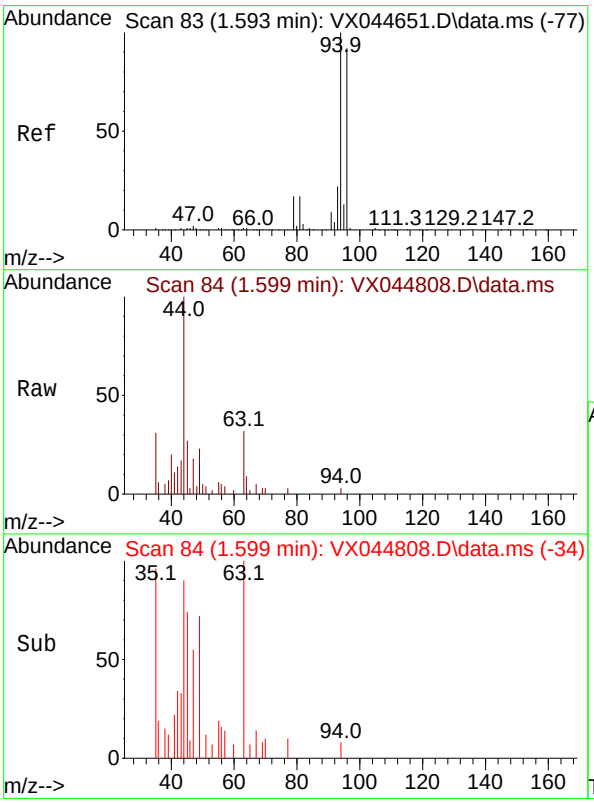
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 118450

Ion	Ratio	Lower	Upper
168	100		
99	59.3	51.1	76.7

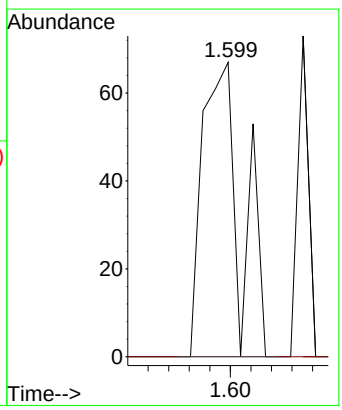


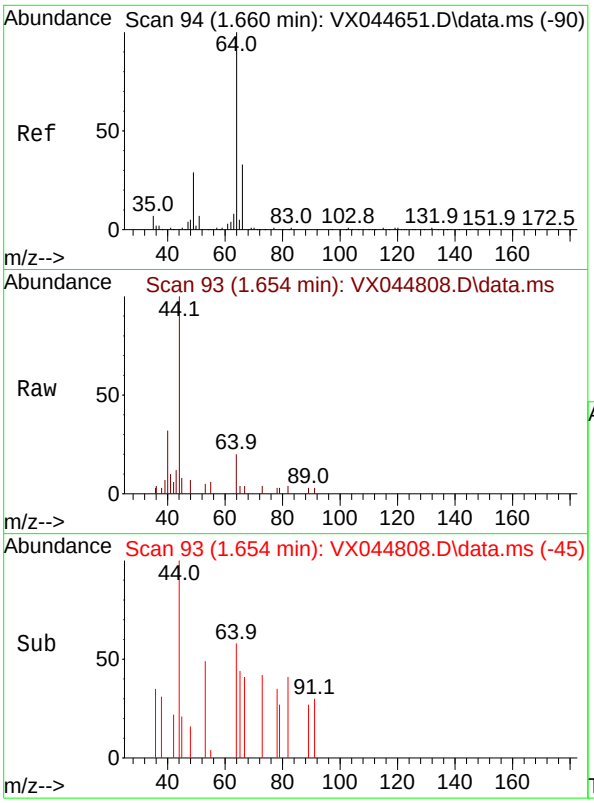


#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 94 Resp: 87

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.8	109.2#



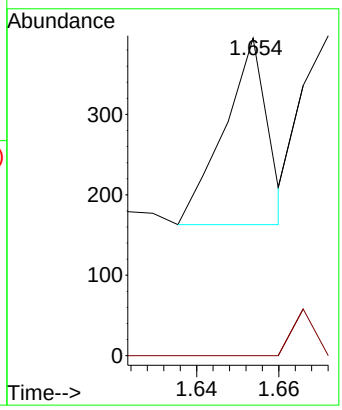


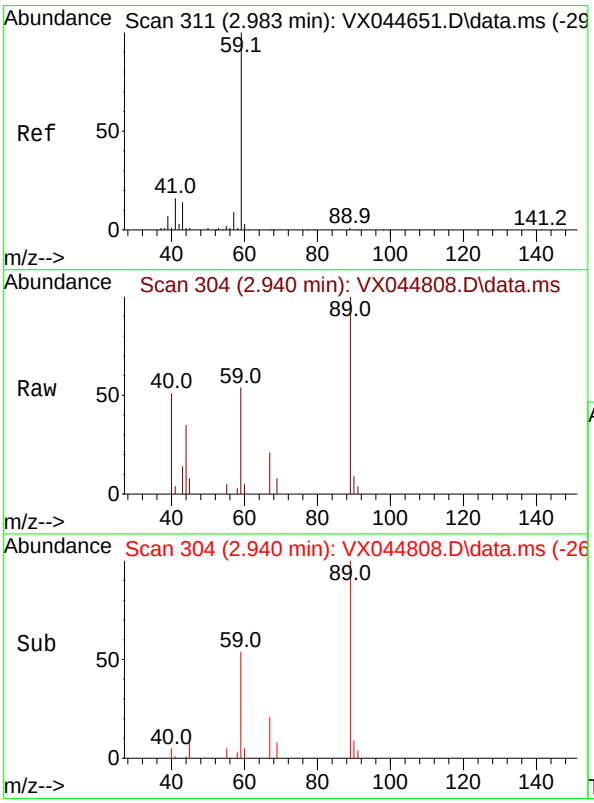
#6
Chloroethane
Concen: 0.548 ug/l
RT: 1.654 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 171

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	39.8#

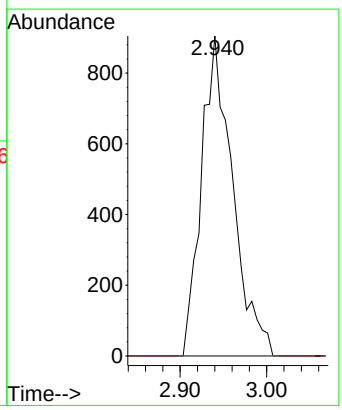


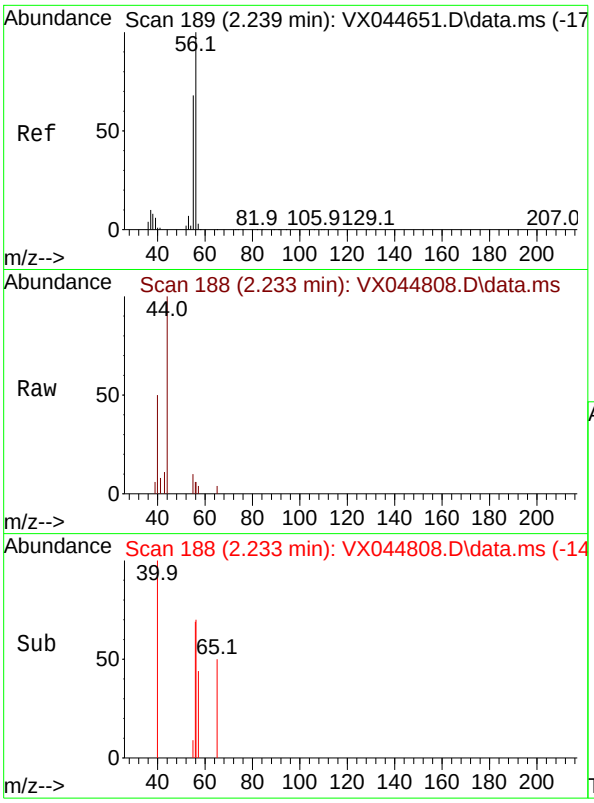


#11
Tert butyl alcohol
Concen: 5.683 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 59 Resp: 2265

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.9	5.9#



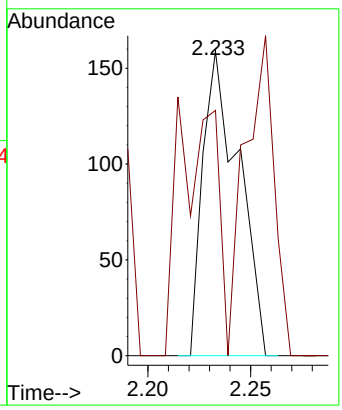


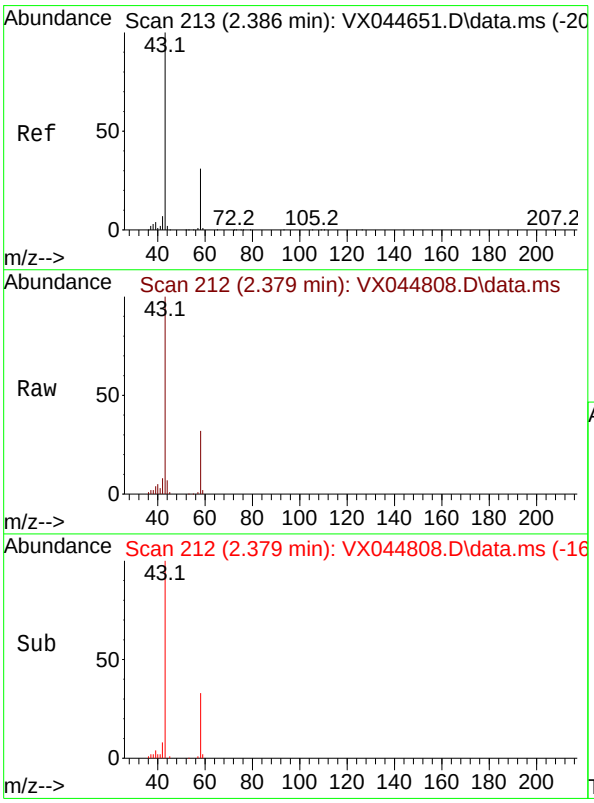
#13
Acrolein
Concen: 1.029 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 193

Ion	Ratio	Lower	Upper
56	100		
55	87.0	55.1	82.7#

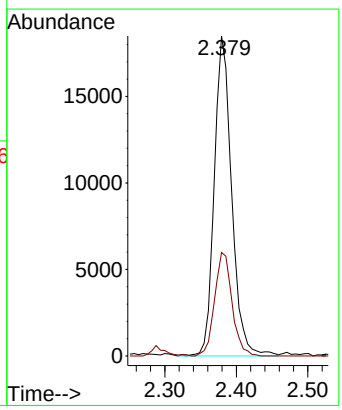


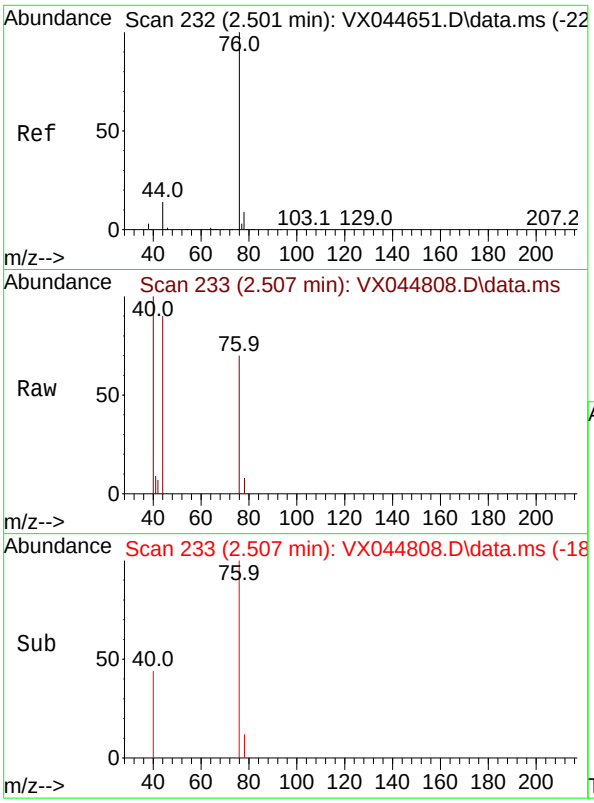


#16
Acetone
Concen: 44.139 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 31223

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.6	37.0



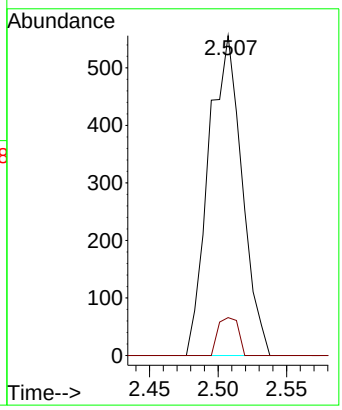


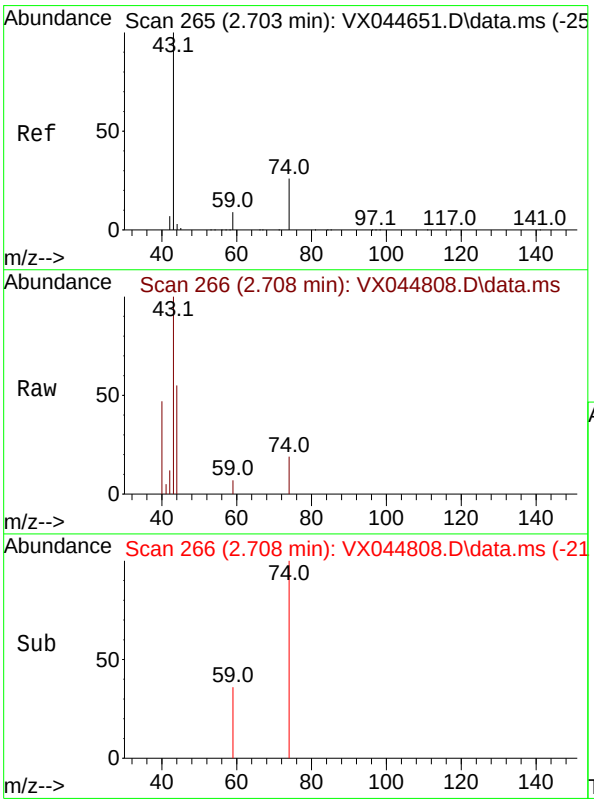
#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 2.507 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 941

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.1	10.7#

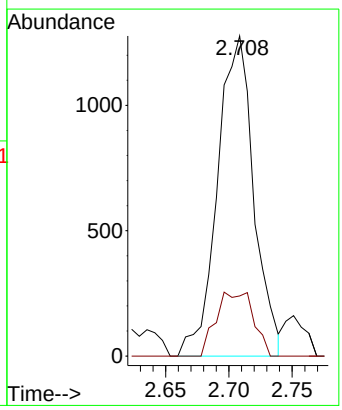


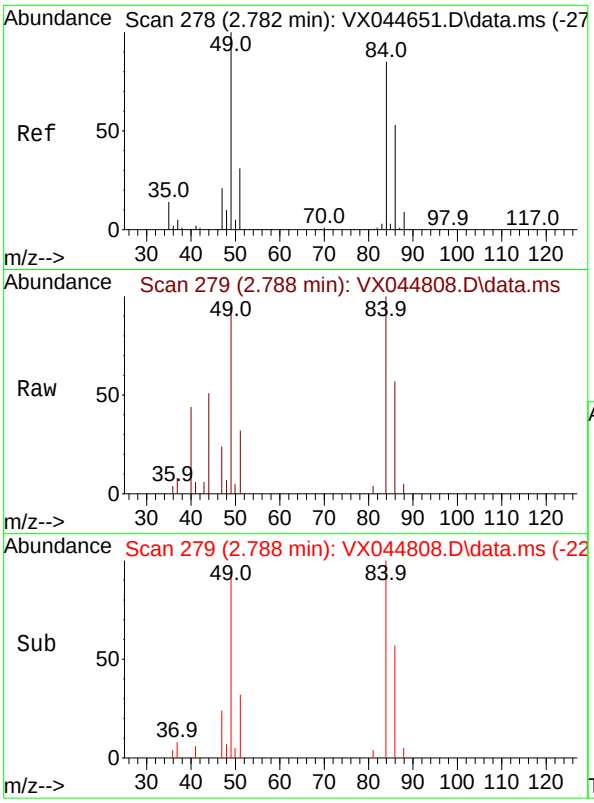


#18
Methyl Acetate
Concen: 1.167 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 2547

Ion	Ratio	Lower	Upper
43	100		
74	20.5	19.8	29.8



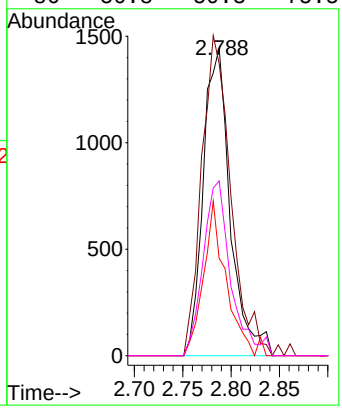


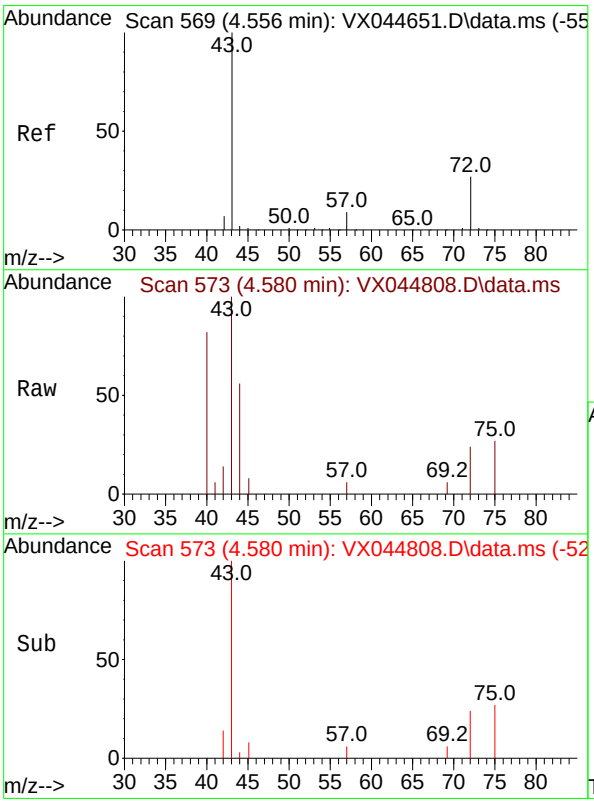
#20
Methylene Chloride
Concen: 1.700 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2800

Ion	Ratio	Lower	Upper
84	100		
49	94.9	94.2	141.4
51	31.6	28.8	43.2
86	56.8	50.3	75.5

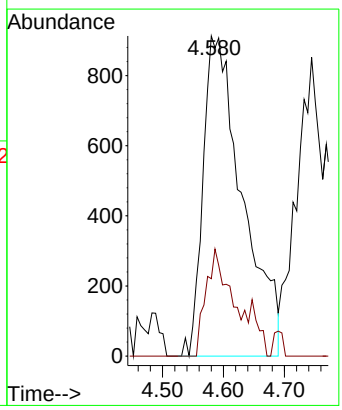


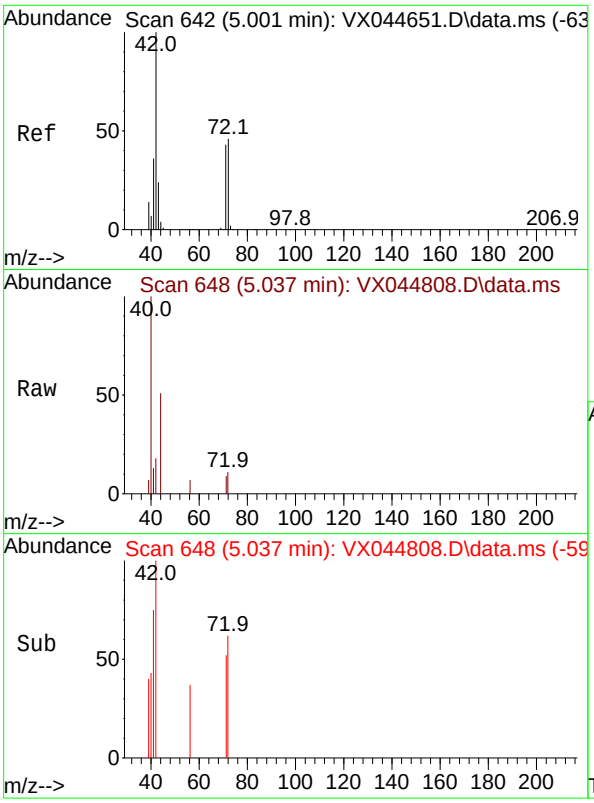


#25
2-Butanone
Concen: 3.906 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 4108

Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.7	32.5



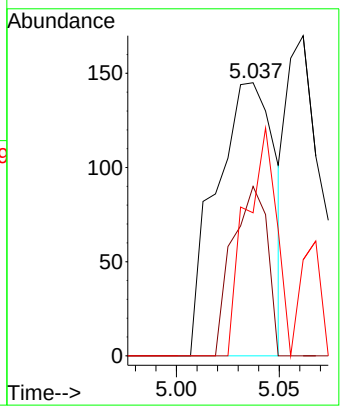


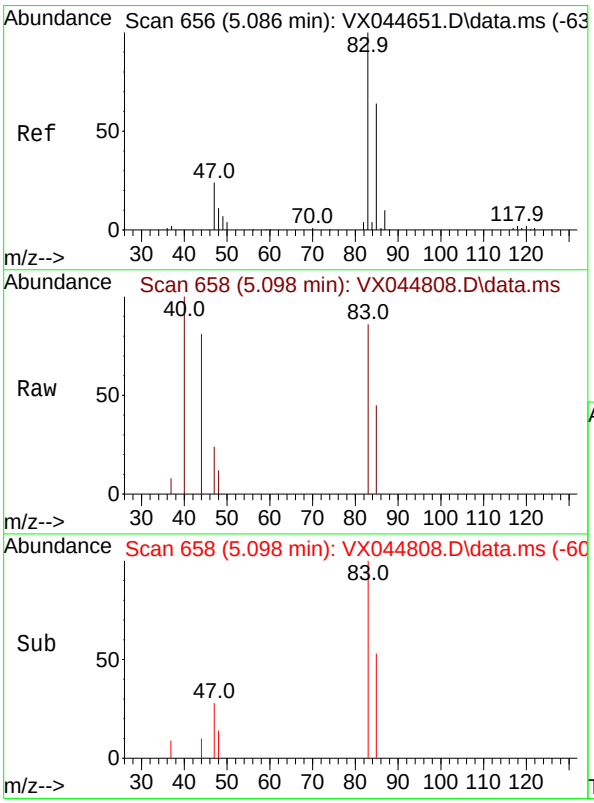
#29
Tetrahydrofuran
Concen: 0.427 ug/l
RT: 5.037 min Scan# 64
Delta R.T. 0.036 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 290

Ion	Ratio	Lower	Upper
42	100		
72	36.9	38.2	57.4#
71	43.1	35.3	52.9

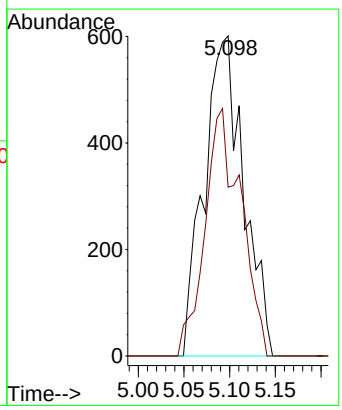


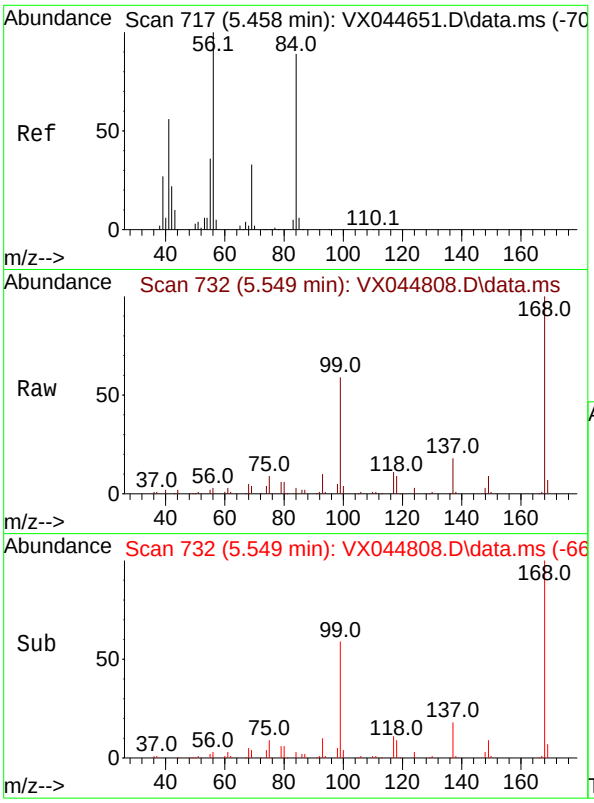


#30
Chloroform
Concen: 0.643 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 83 Resp: 1807

Ion	Ratio	Lower	Upper
83	100		
85	52.7	51.2	76.8



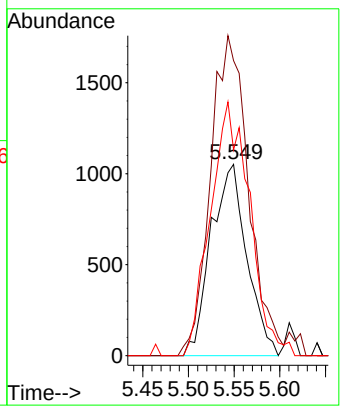


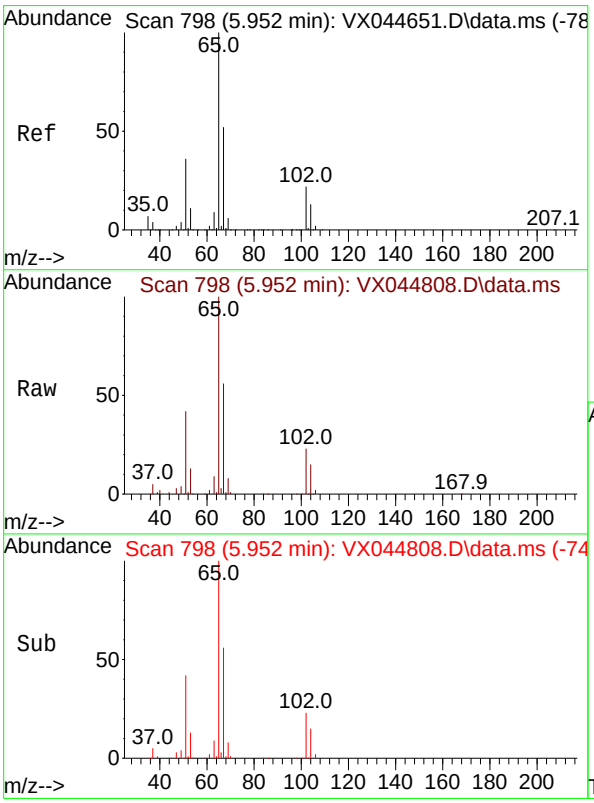
#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.549 min Scan# 7
Delta R.T. 0.091 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 2872

Ion	Ratio	Lower	Upper
56	100		
69	154.2	26.8	40.2#
84	107.5	71.0	106.4#

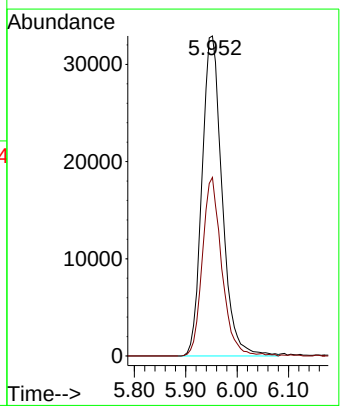


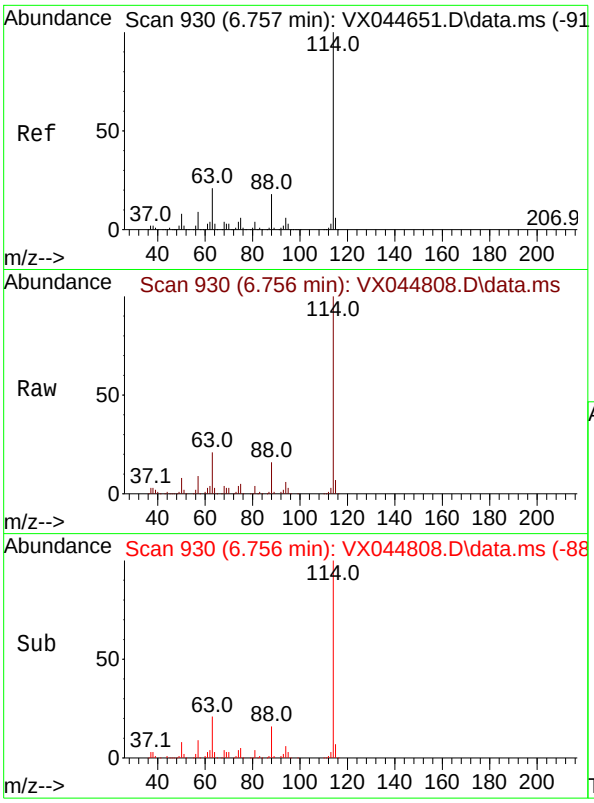


#33
1,2-Dichloroethane-d4
Concen: 50.141 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 65 Resp: 89647

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	103.4



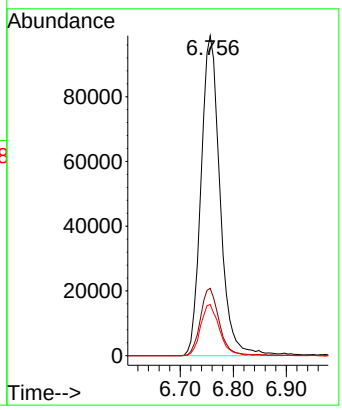


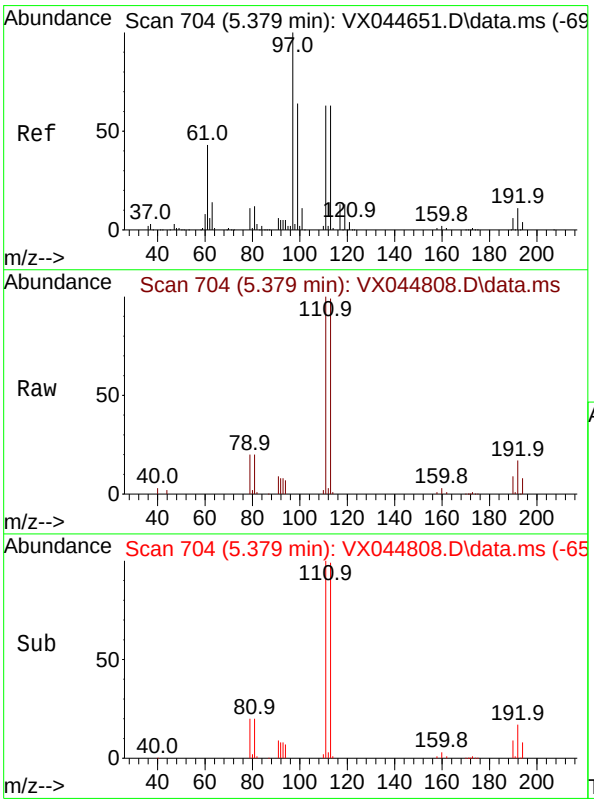
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 245754

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.0
88	16.0	0.0	35.4

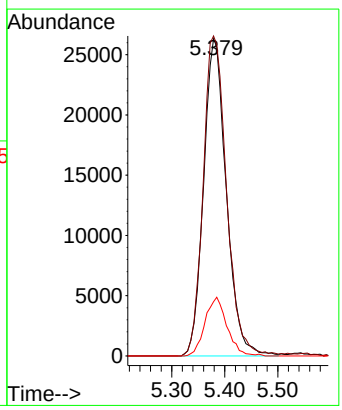


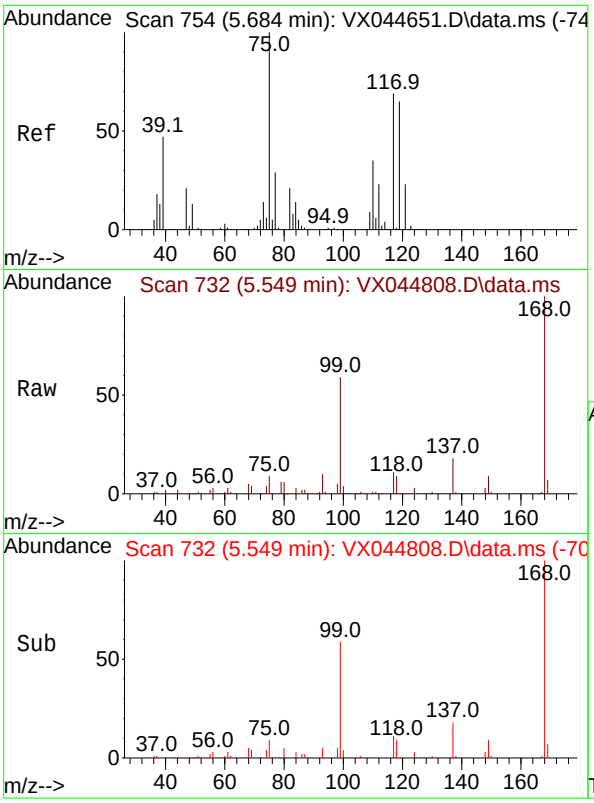


#35
Dibromofluoromethane
Concen: 50.131 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion:113 Resp: 78267

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.6	122.4
192	18.0	14.4	21.6



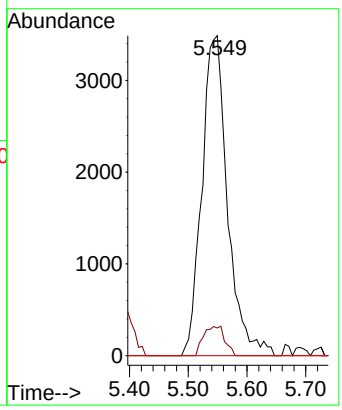


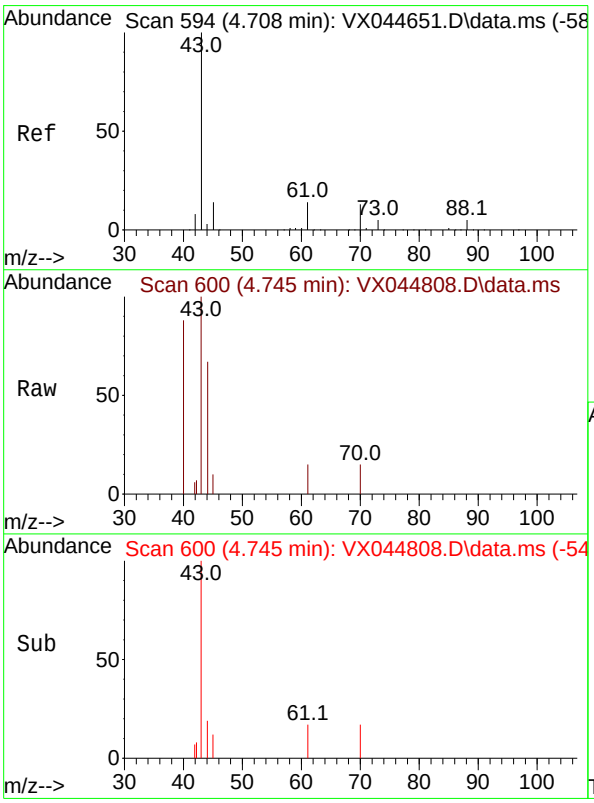
#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 5.549 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 10578

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.9	53.8#
77	0.0	24.5	36.7#

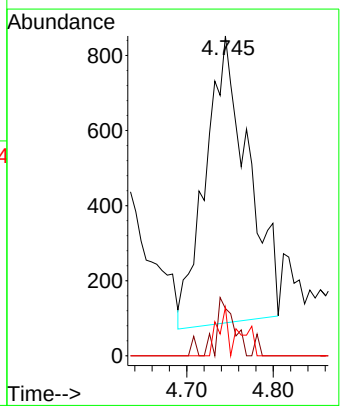


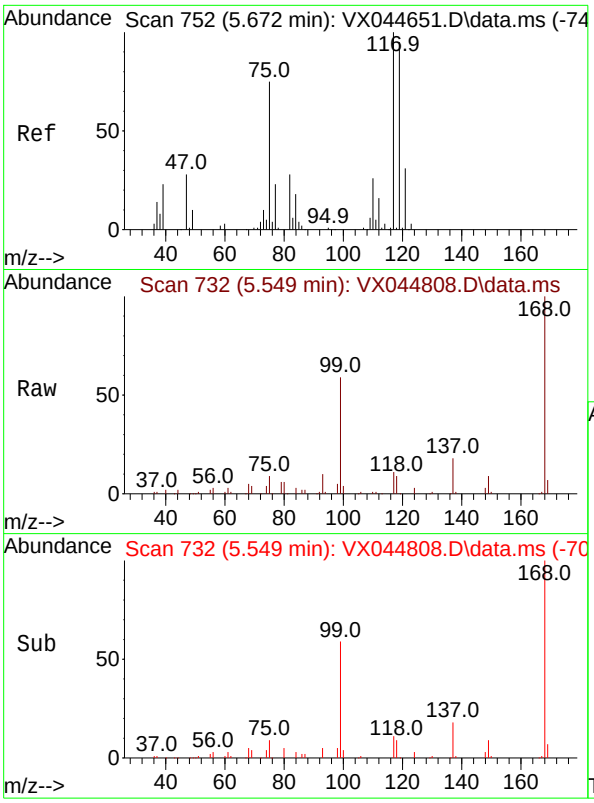


#37
Ethyl Acetate
Concen: 1.120 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.036 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 2591

Ion	Ratio	Lower	Upper
43	100		
61	8.1	10.9	16.3#
70	3.9	10.1	15.1#



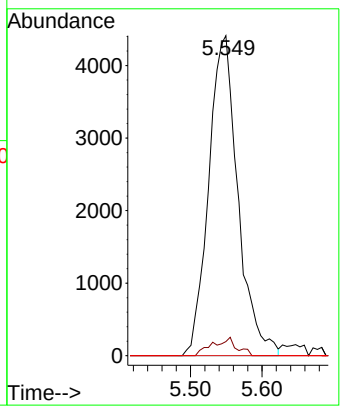


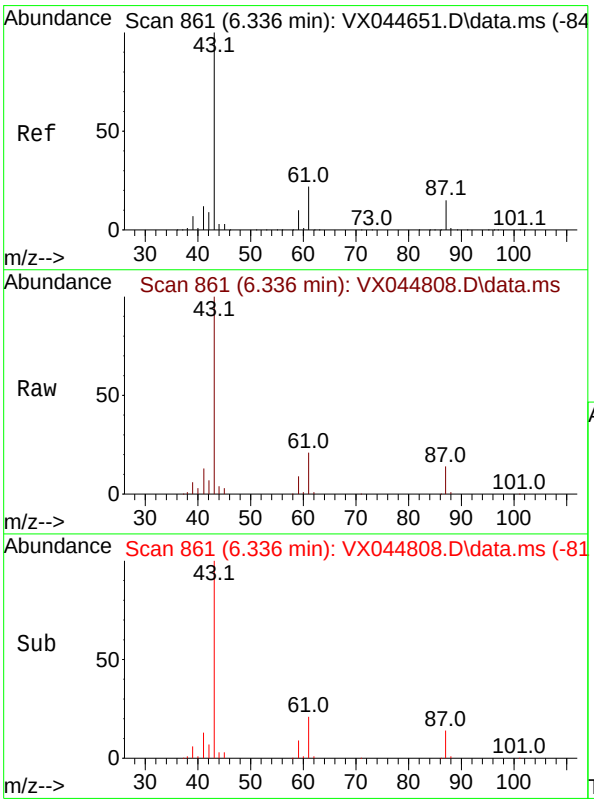
#38
Carbon Tetrachloride
Concen: 5.133 ug/l
RT: 5.549 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 12547

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.0	114.0#
121	0.0	24.6	36.8#

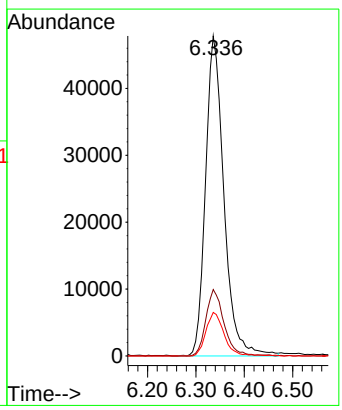


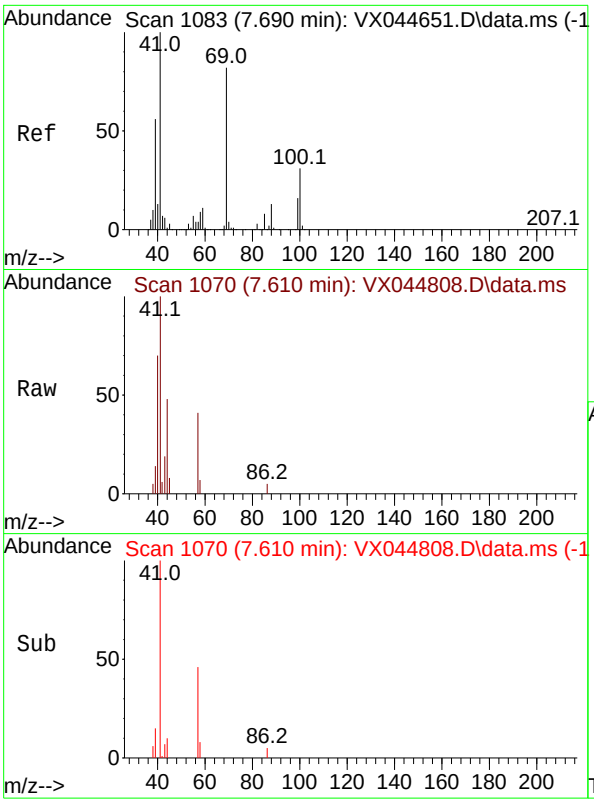


#43
Isopropyl Acetate
Concen: 29.694 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 126423

Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.4	11.0	16.6



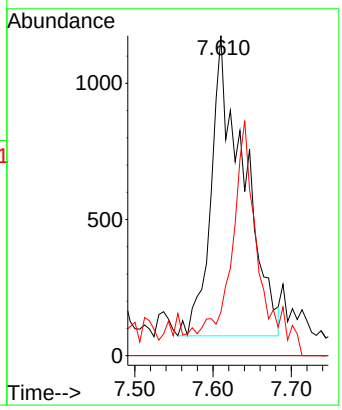


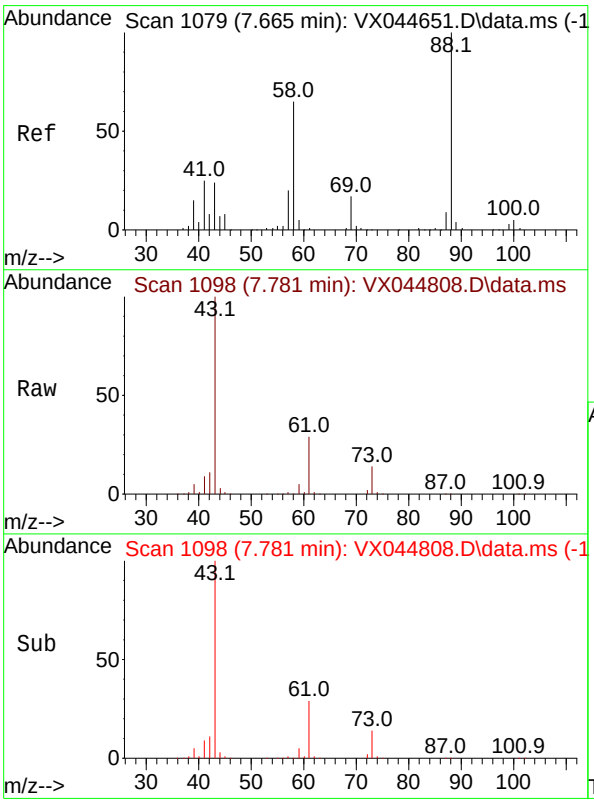
#48
Methyl methacrylate
Concen: 1.611 ug/l
RT: 7.610 min Scan# 1
Delta R.T. -0.080 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 3183

Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.8	100.2#
39	0.0	47.4	71.0#

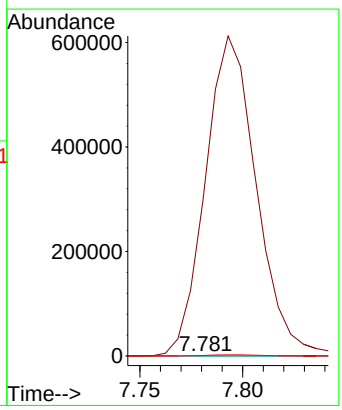


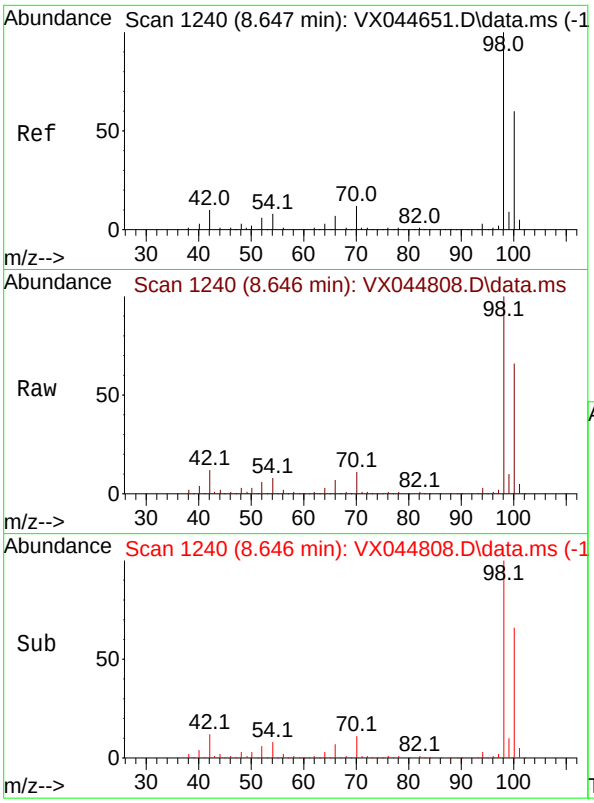


#49
1,4-Dioxane
Concen: 3.783 ug/l
RT: 7.781 min Scan# 1098
Delta R.T. 0.116 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 88 Resp: 156

Ion	Ratio	Lower	Upper
88	100		
43	688959.0	27.0	40.4#
58	2683.3	55.8	83.8#



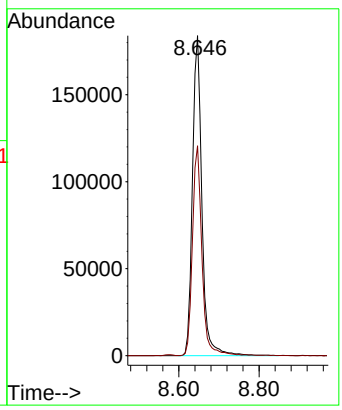


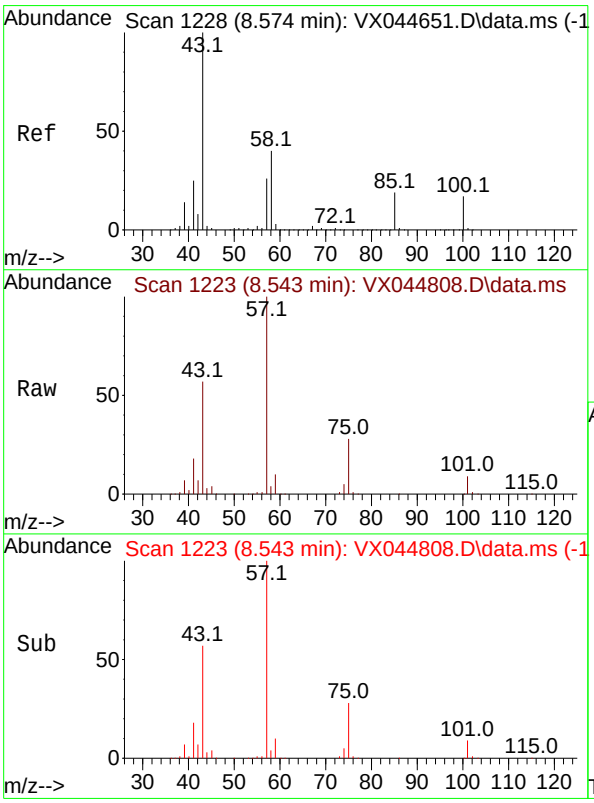
#50
Toluene-d8
Concen: 55.161 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 300281

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.2	79.8

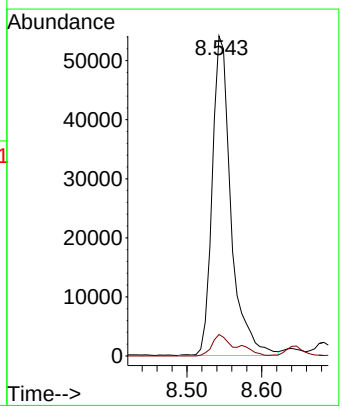


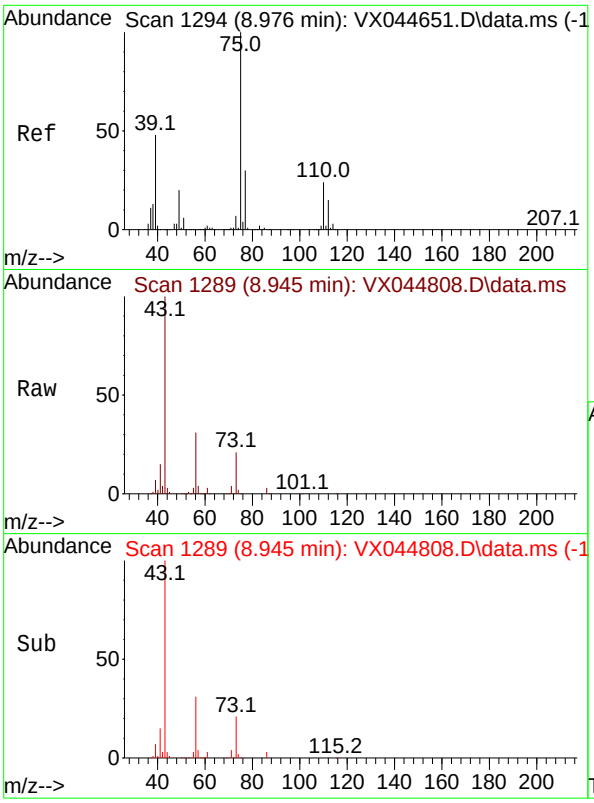


#51
4-Methyl-2-Pentanone
Concen: 40.076 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.031 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 94293

Ion	Ratio	Lower	Upper
43	100		
58	6.4	31.9	47.9#



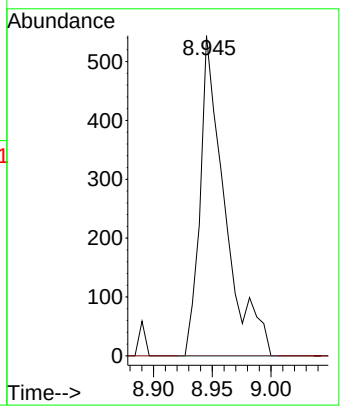


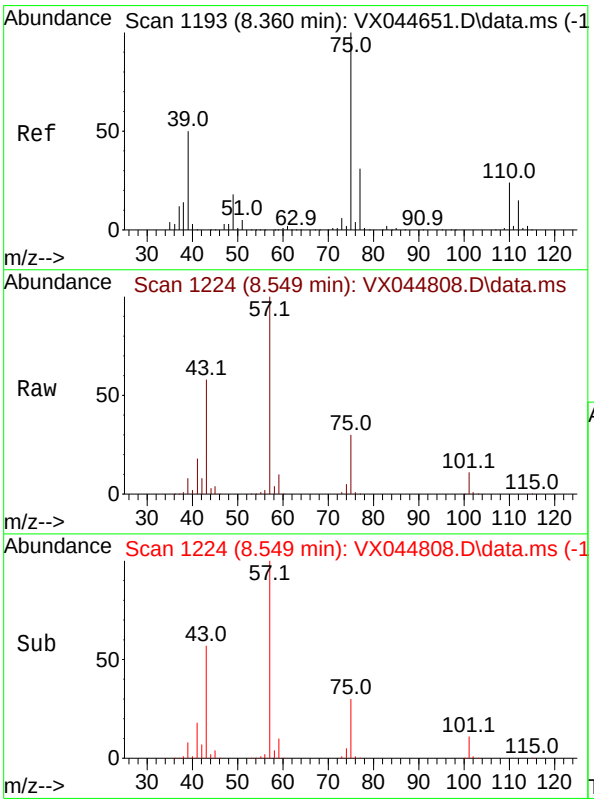
#53
t-1,3-Dichloropropene
Concen: 0.291 ug/l
RT: 8.945 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 795

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.4	36.6#

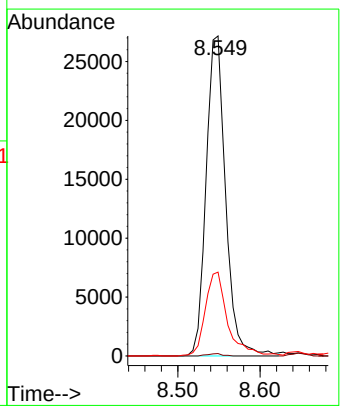


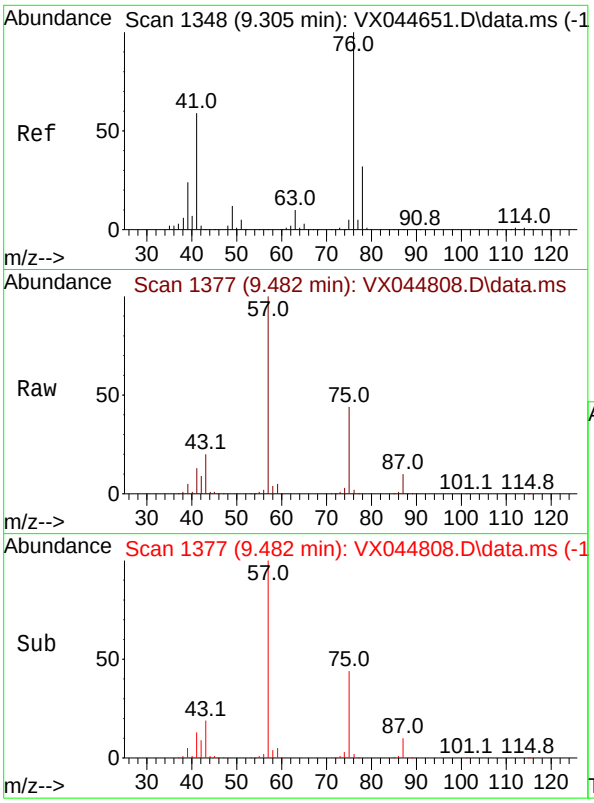


#54
cis-1,3-Dichloropropene
Concen: 15.118 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.189 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 75 Resp: 44820

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.1	37.7#
39	26.2	40.3	60.5#



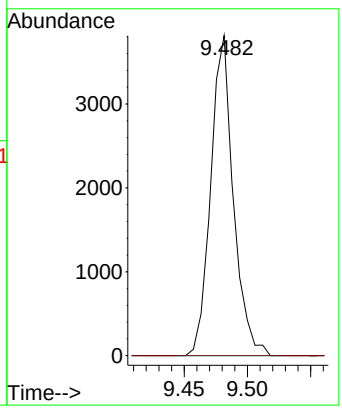


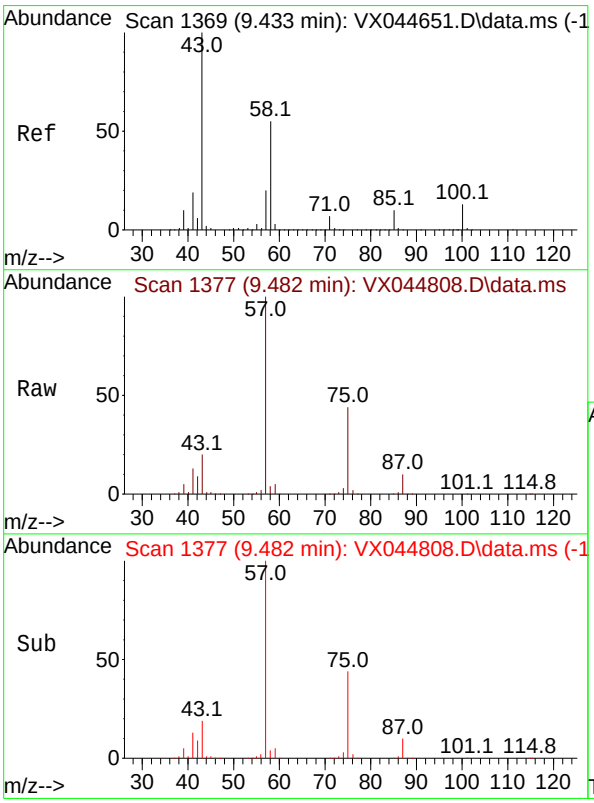
#57
1,3-Dichloropropane
Concen: 1.670 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.176 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4742

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

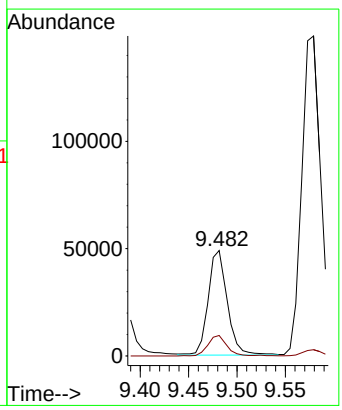


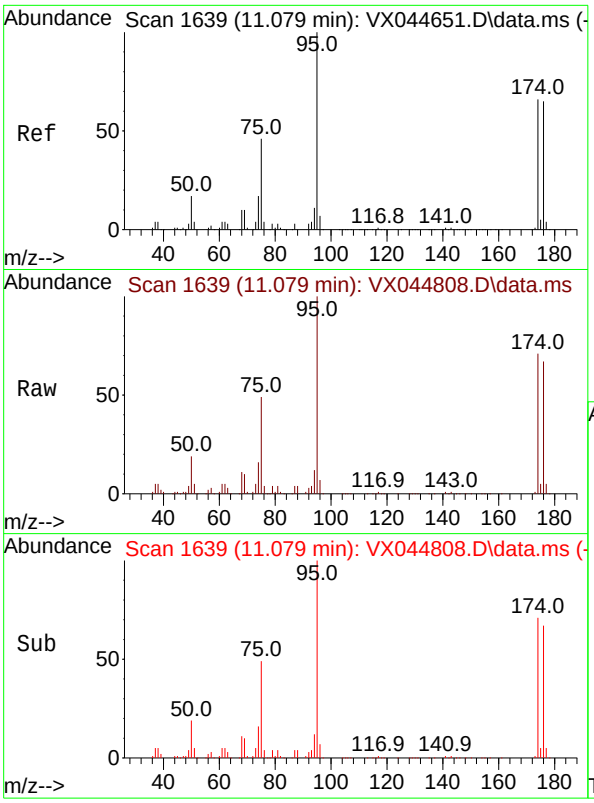


#59
2-Hexanone
Concen: 38.950 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.048 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 67423

Ion	Ratio	Lower	Upper
43	100		
58	19.9	27.8	83.3#



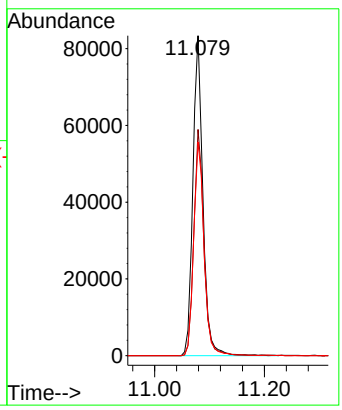


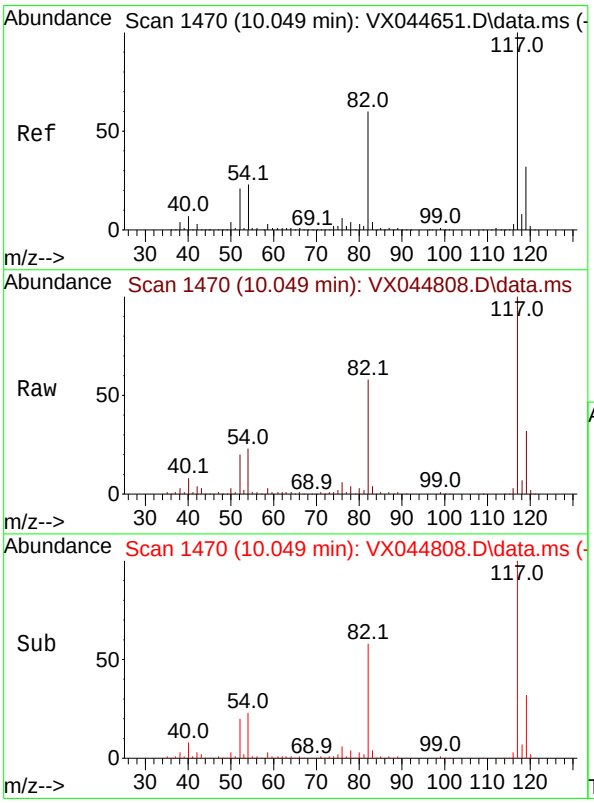
#62
4-Bromofluorobenzene
Concen: 52.497 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 106536

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	133.0
176	69.2	0.0	129.4

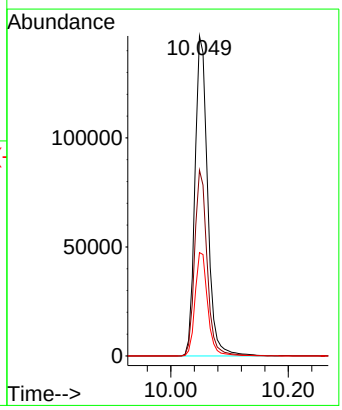


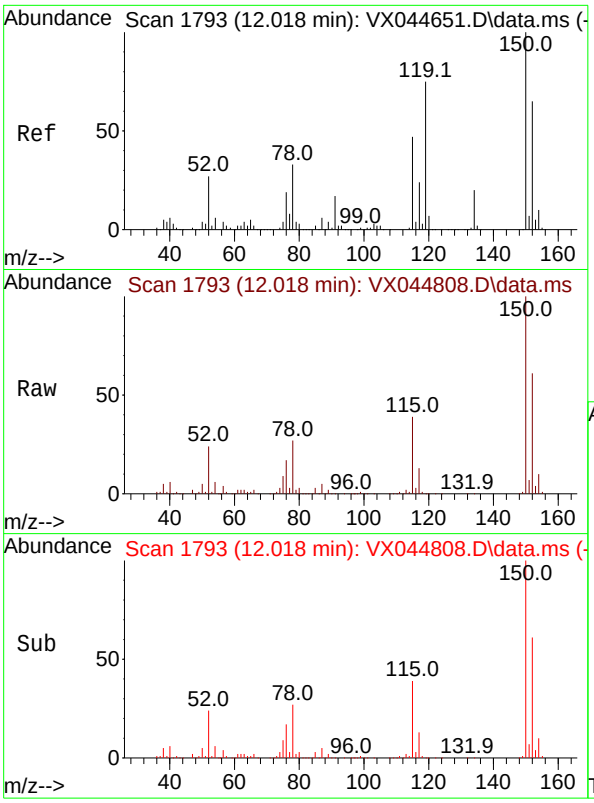


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion:117 Resp: 219935

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.6	71.4
119	32.3	25.4	38.2



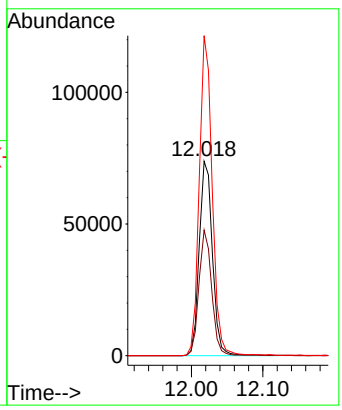


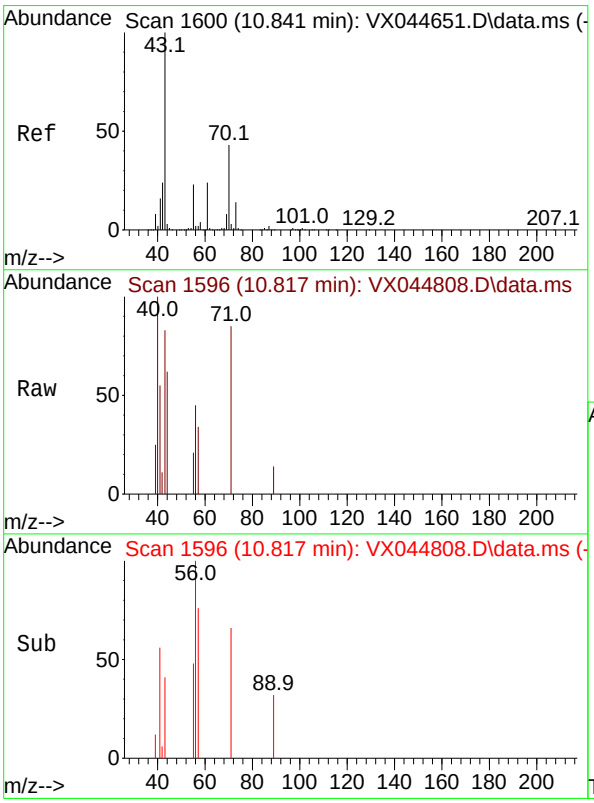
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 94615

Ion	Ratio	Lower	Upper
152	100		
115	62.7	43.8	131.4
150	161.2	0.0	347.8

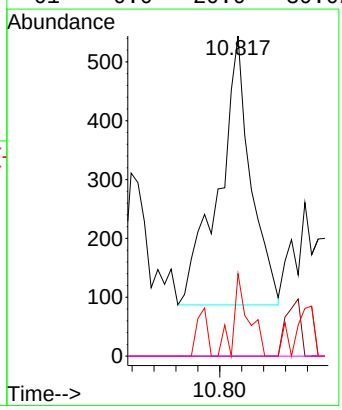


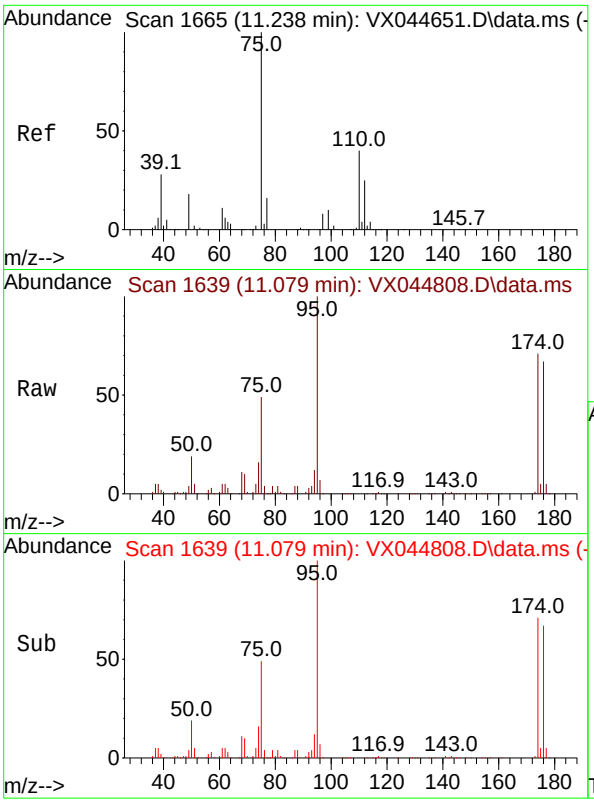


#74
N-amyl acetate
Concen: 0.241 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.025 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 43 Resp: 920

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.2	52.8#
55	15.0	19.0	28.4#
61	0.0	20.0	30.0#



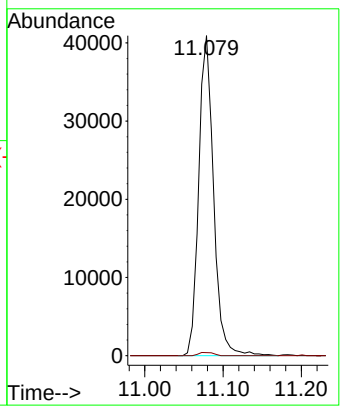


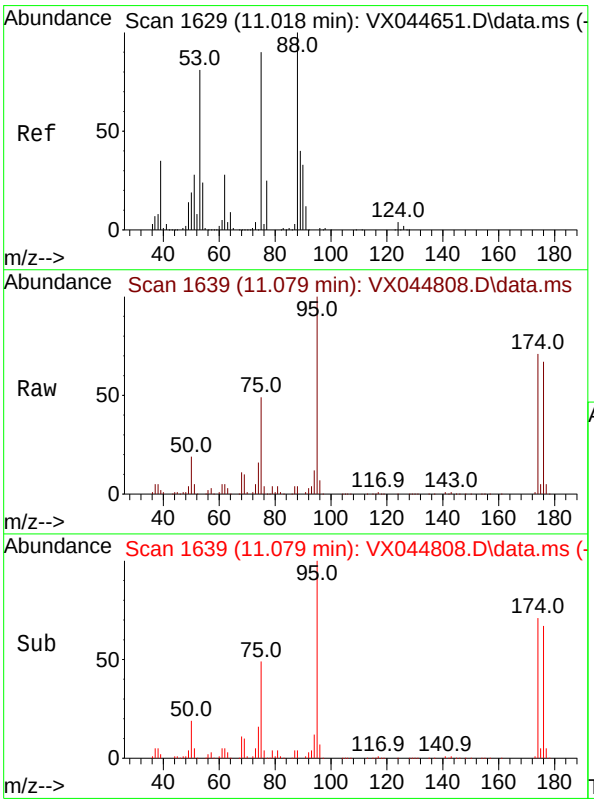
#76
1,2,3-Trichloropropane
Concen: 23.475 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53902

Ion	Ratio	Lower	Upper
75	100		
77	1.0	23.4	70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 53.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044808.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 75 Resp: 53902

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.3	111.5#
89	0.0	37.4	56.0#