Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
Data File : VX006262.D
Acq On : 03 Dec 2018 19:11
Operator : JC/MD
Sample : J5770-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OR-03-112918-A

Quant Time: Dec 04 04:59:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	815983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1239614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1103906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	518922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	405284	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.30%			
35) Dibromofluoromethane	5.51	113	395515	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.56%			
50) Toluene-d8	8.71	98	1440483	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
62) 4-Bromofluorobenzene	11.13	95	521581	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.03	59	7496	3.291	ug/l #	80
13) Acrolein	2.29	56	440	0.353	ug/l #	73
16) Acetone	2.45	43	40241	10.294	ug/l	96
18) Methyl Acetate	2.78	43	12139	0.929	ug/l #	88
20) Methylene Chloride	2.86	84	444568	53.436	ug/l	98
25) 2-Butanone	4.70	43	6850	1.228	ug/l	96
30) Chloroform	5.23	83	3136	0.229	ug/l #	74
36) 1,1-Dichloropropene	5.67	75	52253	5.006	ug/l #	48
38) Carbon Tetrachloride	5.67	117	73703	6.002	ug/l #	15
43) Isopropyl Acetate	6.46	43	48121	2.469	ug/l	98
48) Methyl methacrylate	7.68	41	22786	2.403	ug/l #	13
49) 1,4-Dioxane	7.75	88	81	0.347	ug/l #	27
51) 4-Methyl-2-Pentanone	8.62	43	222836	19.639	ug/l #	49
52) Toluene	8.79	92	8880	0.432	ug/l	86
54) cis-1,3-Dichloropropene	8.62	75	119181	8.831	ug/l #	57
57) 1,3-Dichloropropane	9.54	76	23461	1.775	ug/l #	45
59) 2-Hexanone	9.54	43	301036	34.727	ug/l #	51
64) Tetrachloroethene	9.34	164	9001	1.083	ug/l	91
68) m/p-Xylenes	10.36	106	4897	0.314	ug/l	99
69) o-Xylene	10.70	106	3481	0.226	ug/l	92
74) N-amyl acetate	10.69	43	31665	2.052	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	234533	23.416	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	9122	0.306	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	234533	54.950	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	10310	0.335	ug/l	96
95) Naphthalene	13.83	128	103624	2.600	ug/l	99

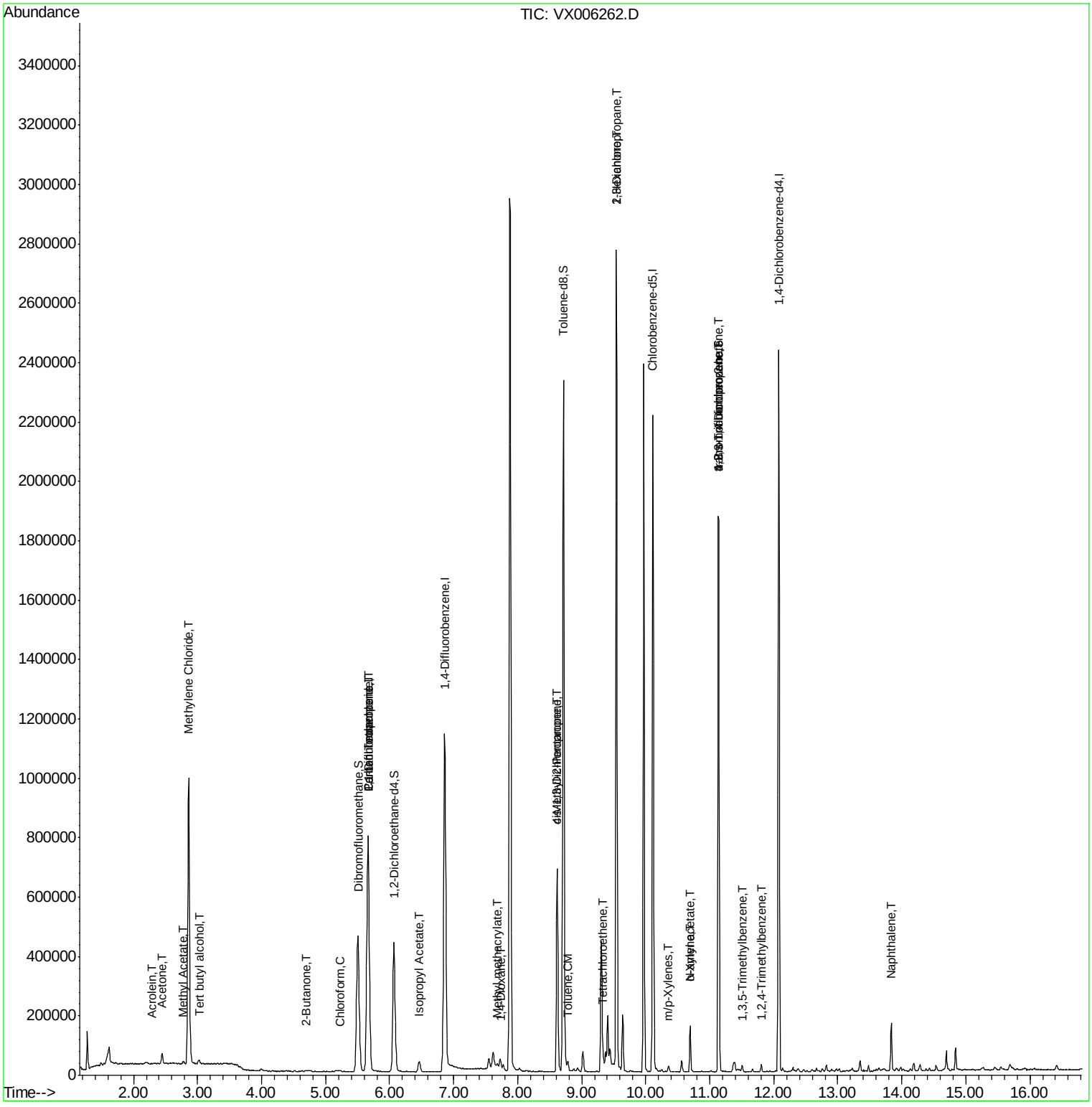
(#) = qualifier out of range (m) = manual integration (+) = signals summed

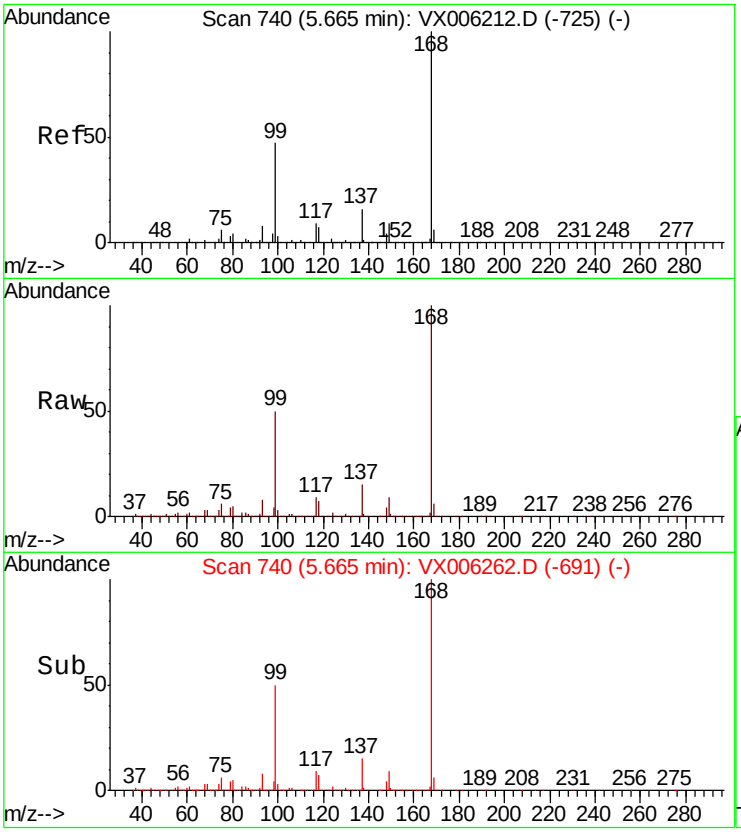
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
Data File : VX006262.D
Acq On : 03 Dec 2018 19:11
Operator : JC/MD
Sample : J5770-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Quant Time: Dec 04 04:59:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



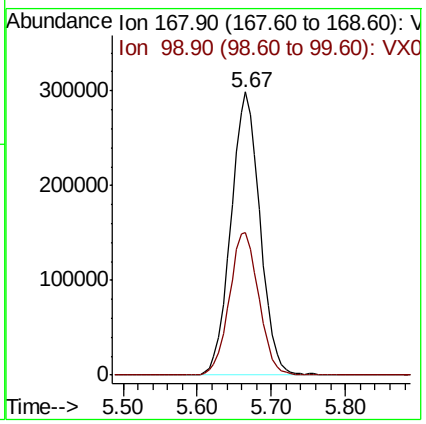


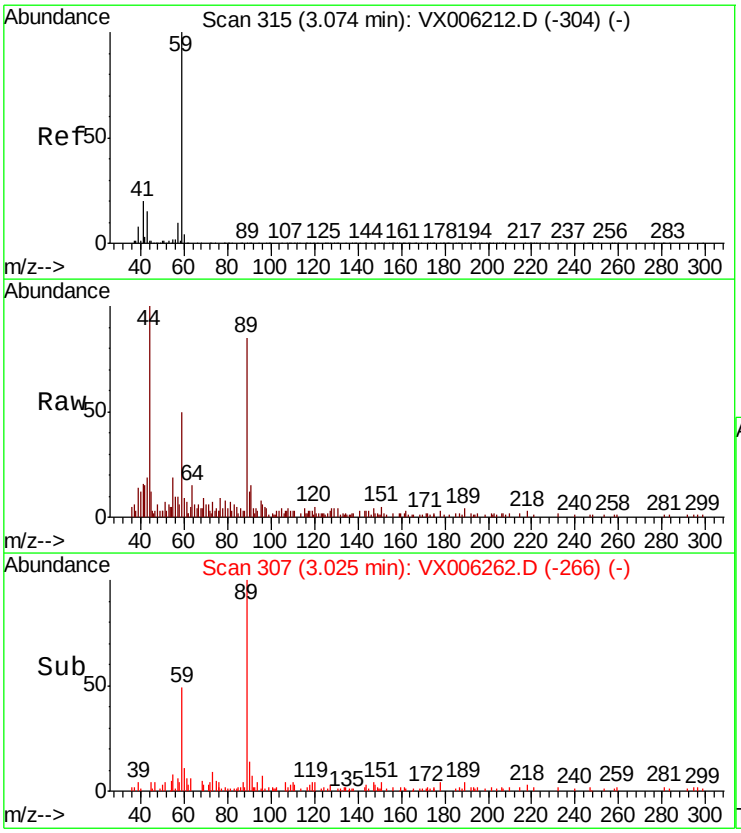
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument : MSVOA_X
ClientSampleId : OR-03-112918-A

Tgt Ion:168 Resp: 815983

Ion	Ratio	Lower	Upper
168	100		
99	50.2	37.8	56.8

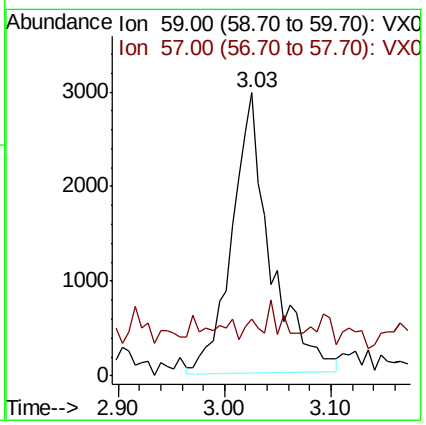


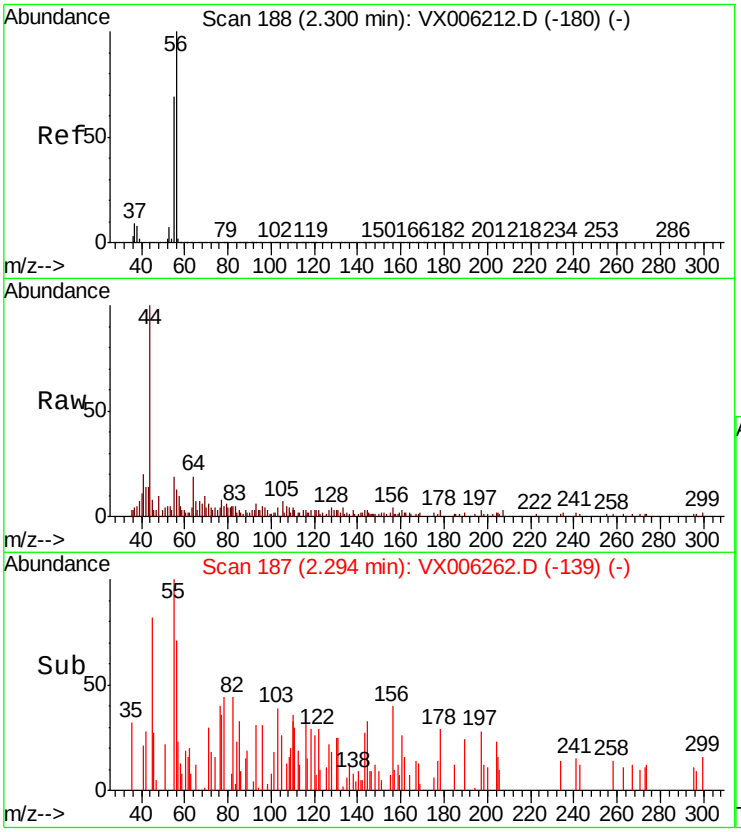


#11
Tert butyl alcohol
Concen: 3.291 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 59 Resp: 7496

Ion	Ratio	Lower	Upper
59	100		
57	2.7	8.2	12.2#



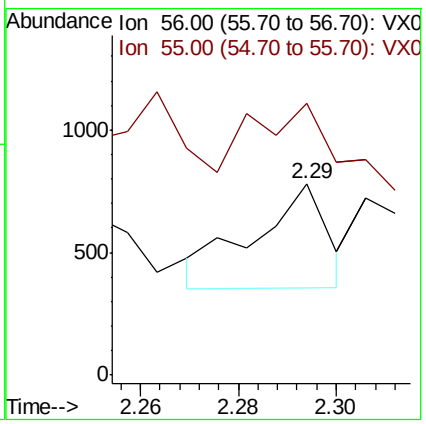


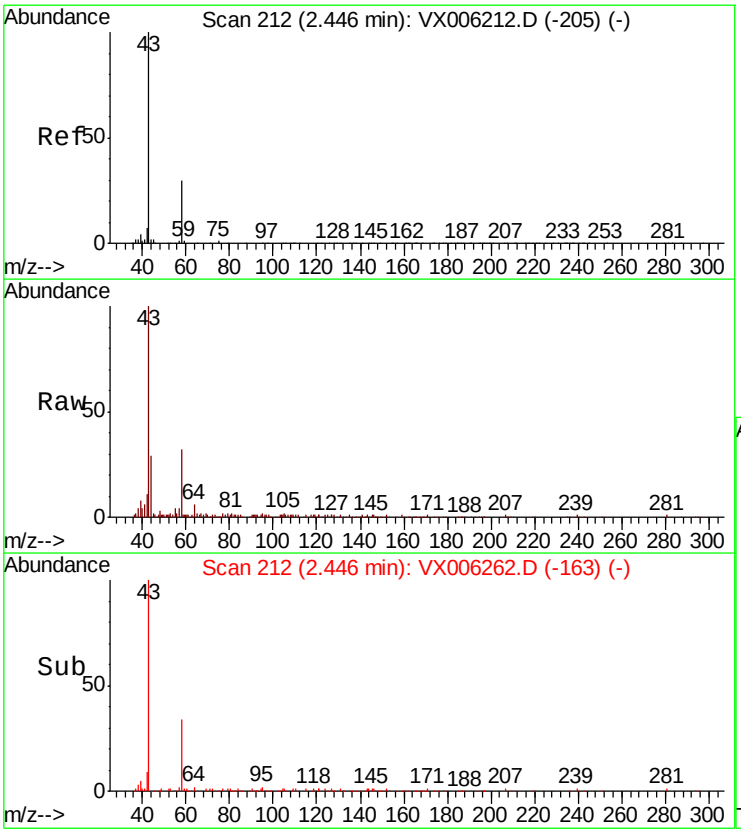
#13
Acrolein
Concen: 0.353 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 56 Resp: 440

Ion	Ratio	Lower	Upper
56	100		
55	94.8	57.8	86.6#

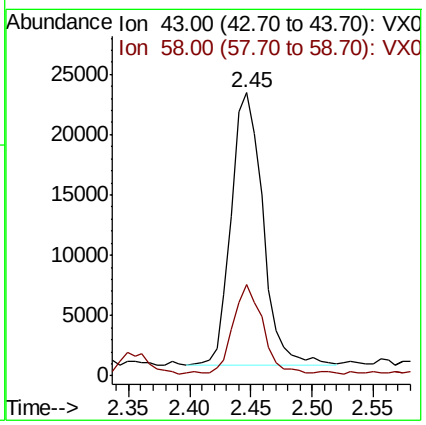


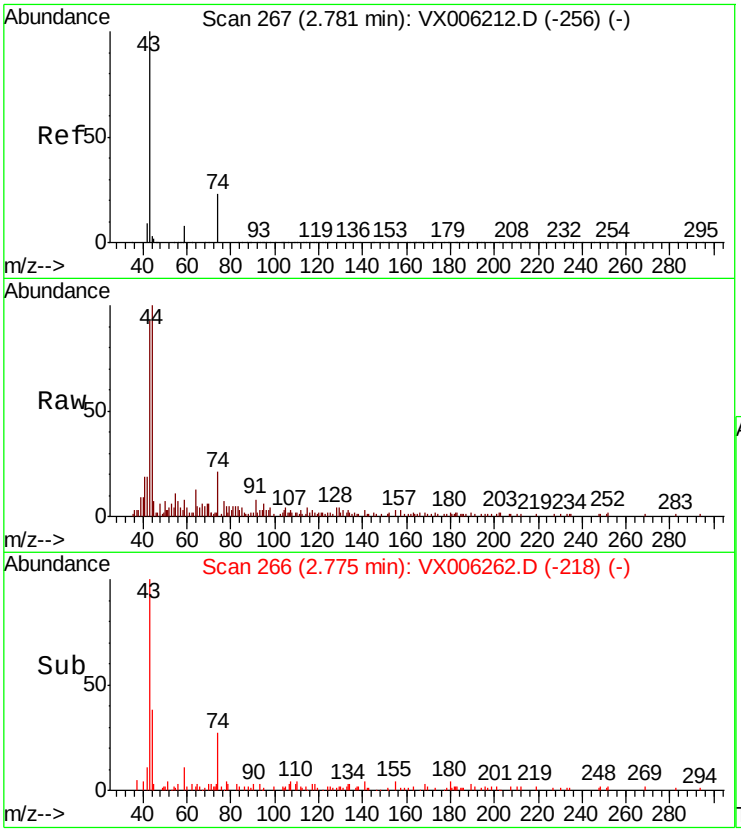


#16
Acetone
Concen: 10.294 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 43 Resp: 40241

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.0	36.0



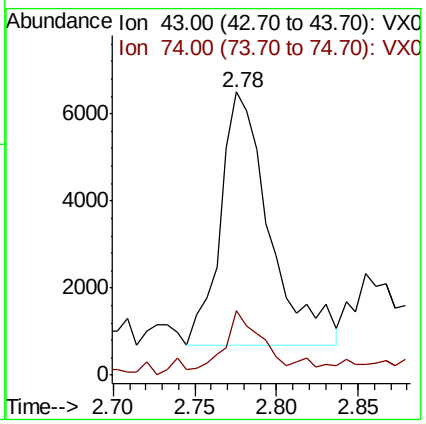


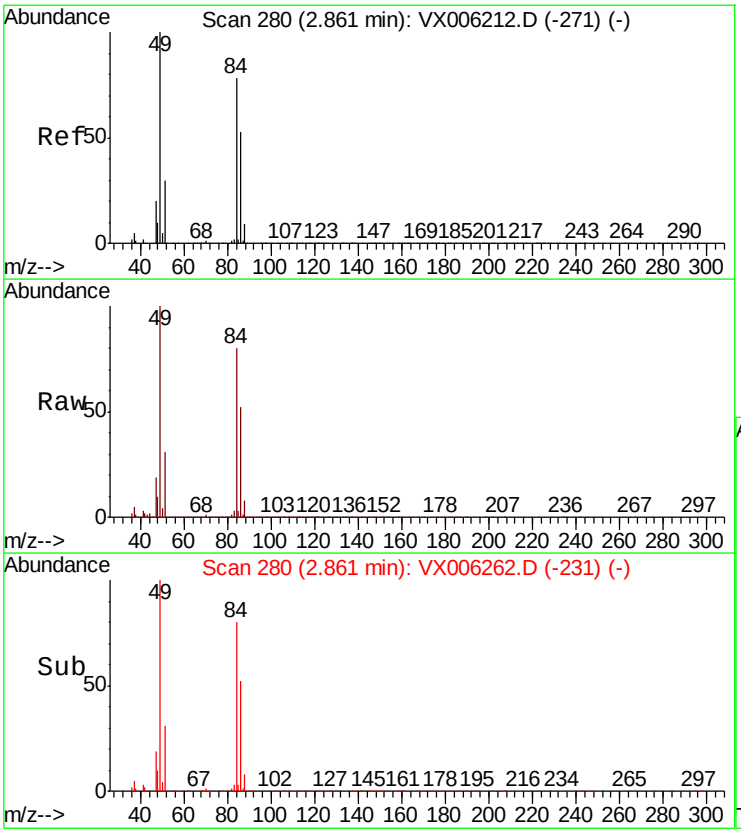
#18
Methyl Acetate
Concen: 0.929 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 43 Resp: 12139

Ion	Ratio	Lower	Upper
43	100		
74	16.8	17.9	26.9#

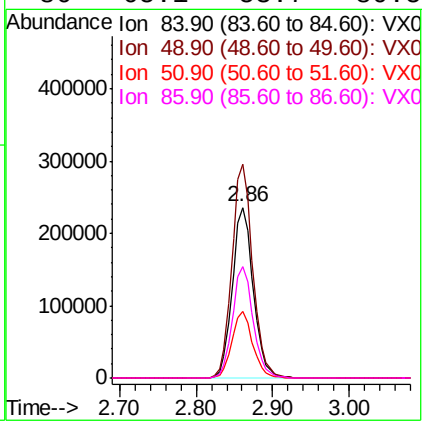


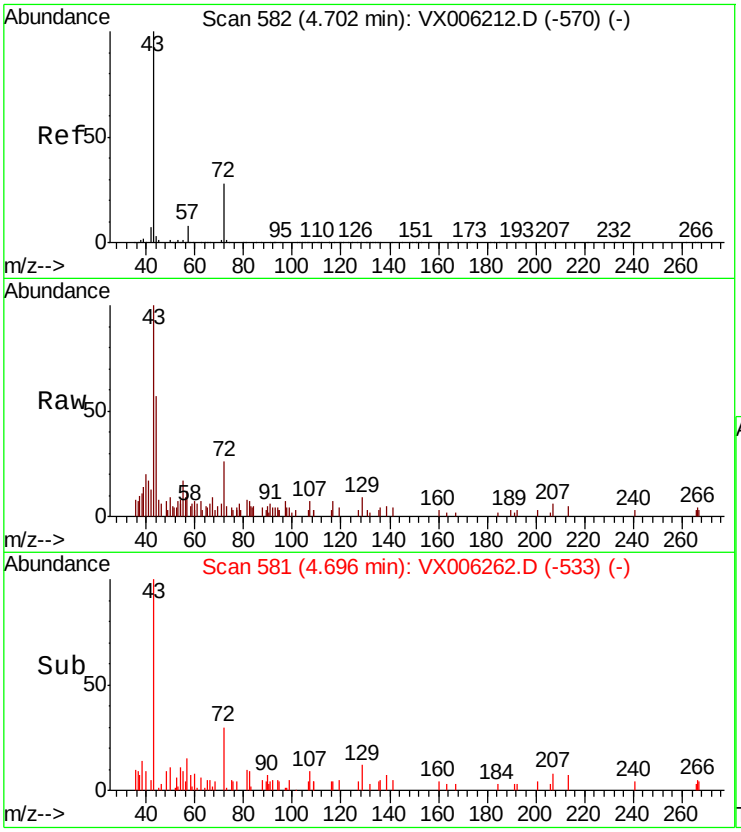


#20
Methylene Chloride
Concen: 53.436 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 84 Resp: 444568

Ion	Ratio	Lower	Upper
84	100		
49	125.4	102.2	153.4
51	38.9	31.1	46.7
86	65.1	53.7	80.5



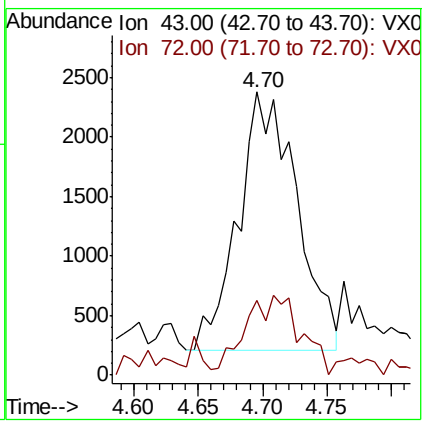


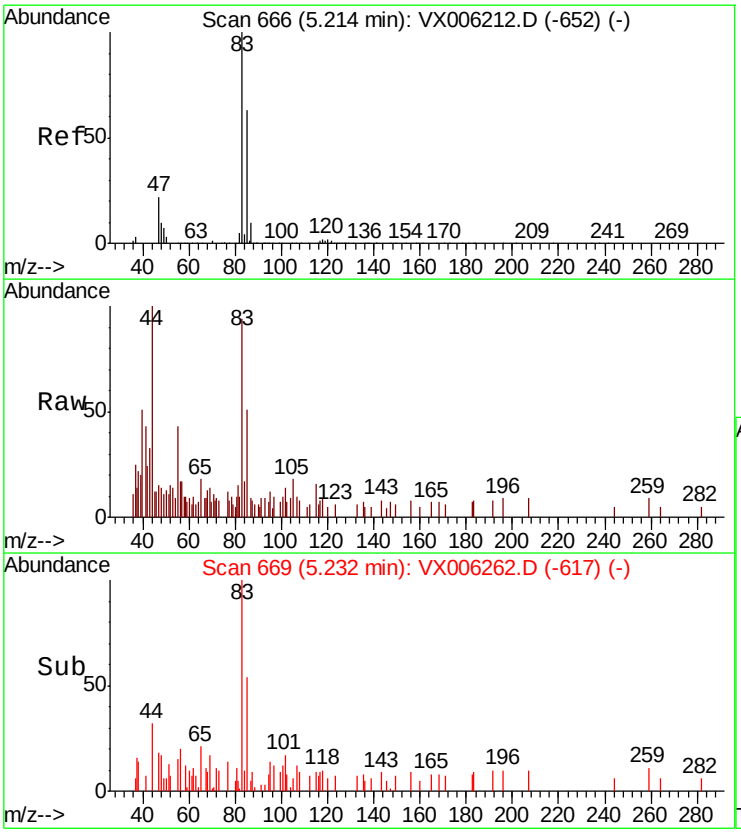
#25
2-Butanone
Concen: 1.228 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 43 Resp: 6850

Ion	Ratio	Lower	Upper
43	100		
72	26.1	22.6	33.8

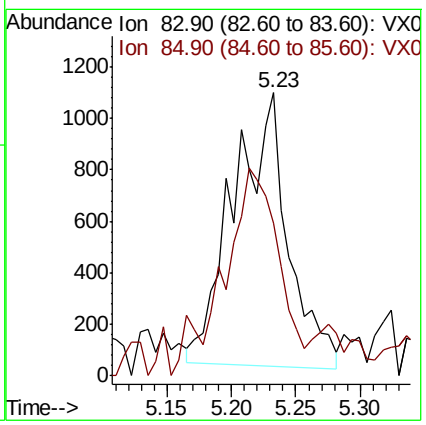


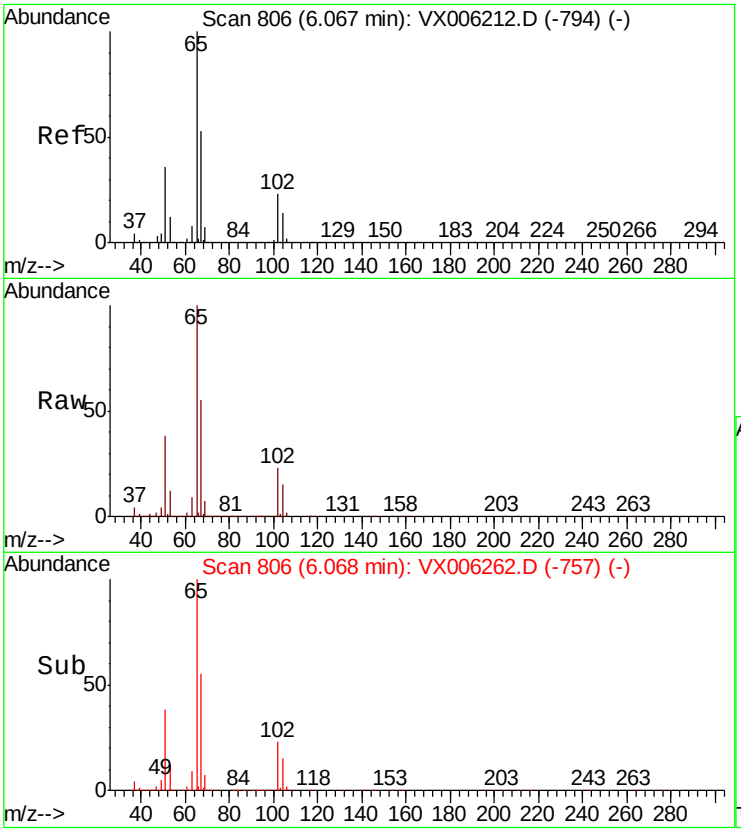


#30
Chloroform
Concen: 0.229 ug/l
RT: 5.23 min Scan# 669
Delta R.T. 0.02 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 83 Resp: 3136

Ion	Ratio	Lower	Upper
83	100		
85	42.8	50.3	75.5#



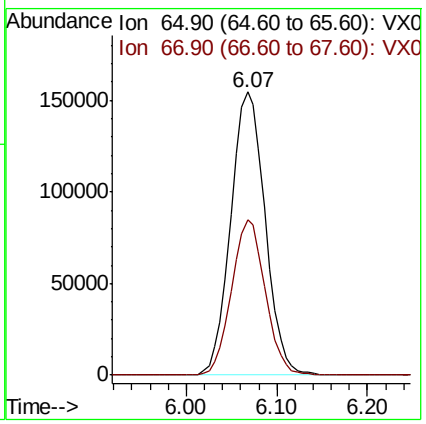


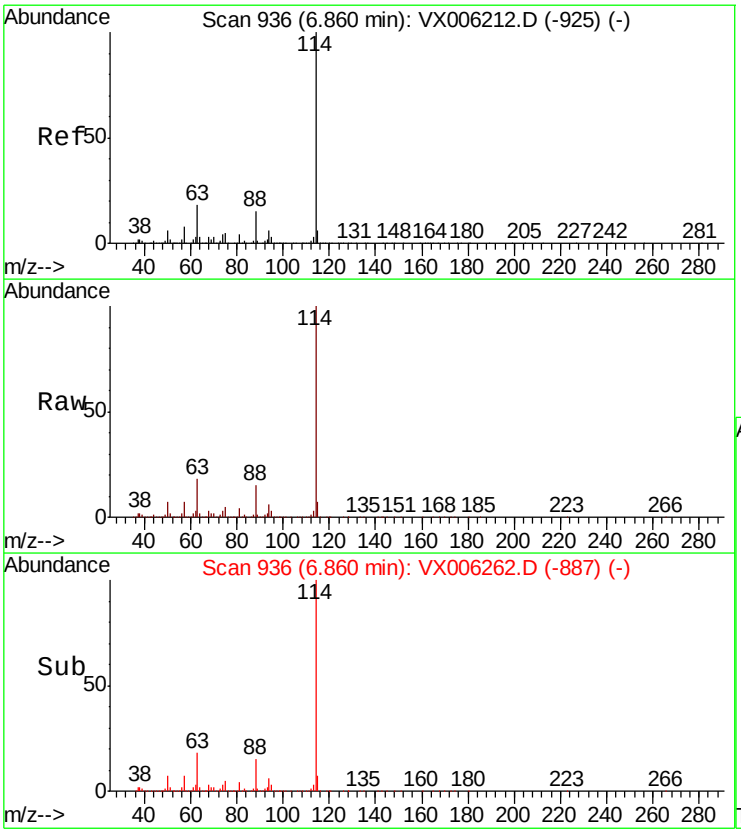
#33
1,2-Dichloroethane-d4
Concen: 48.654 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 65 Resp: 405284

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

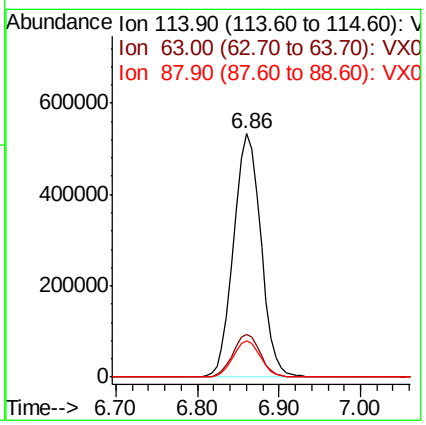


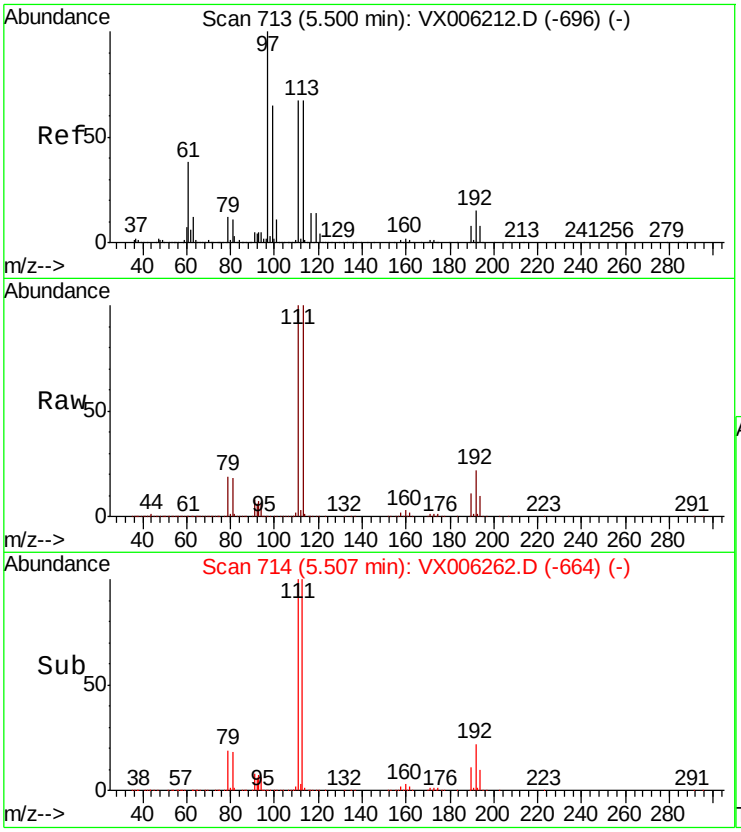


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion:114 Resp: 1239614

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	14.9	0.0	29.0



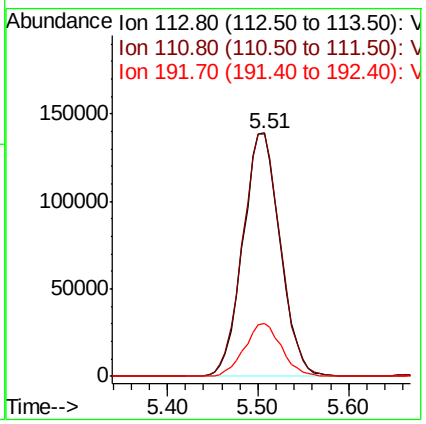


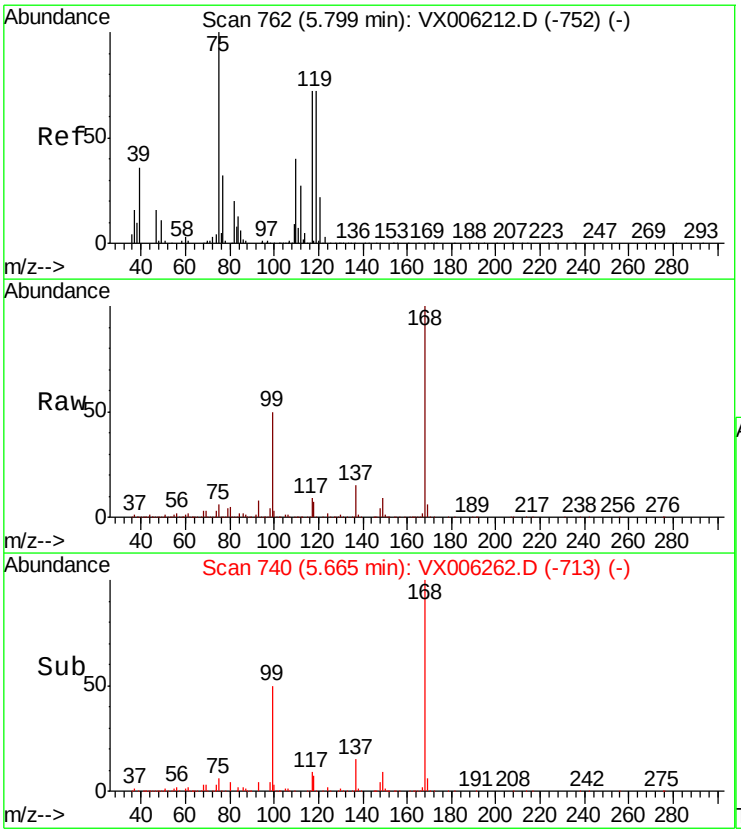
#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion:113 Resp: 395515

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.1	121.7
192	21.7	18.2	27.2

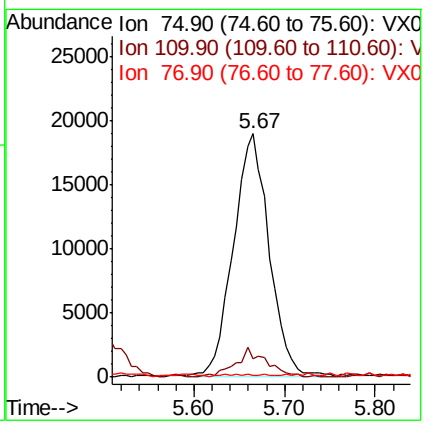


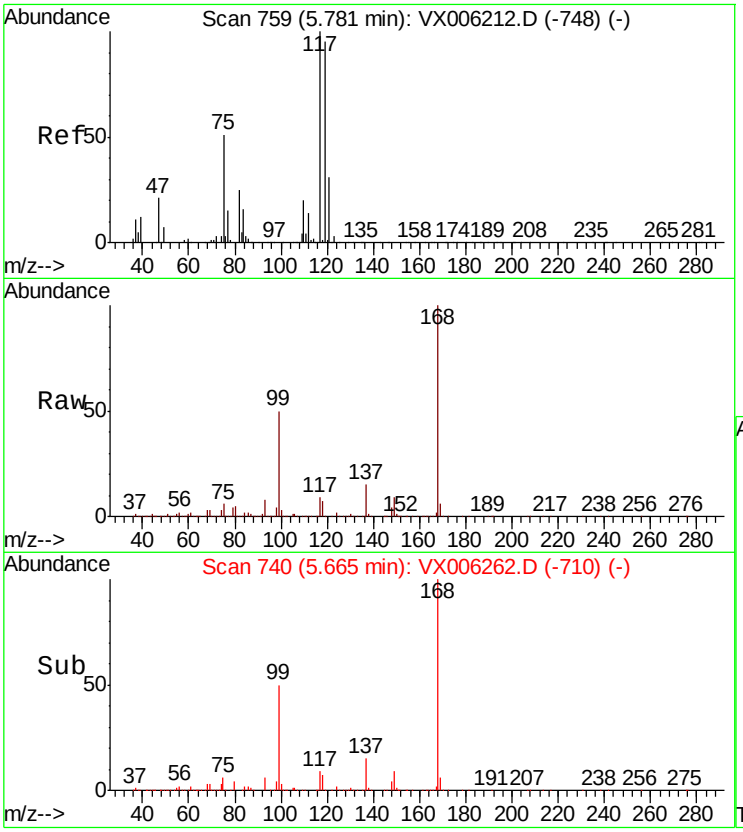


#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 75 Resp: 52253

Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.4	61.3#
77	0.0	24.9	37.3#



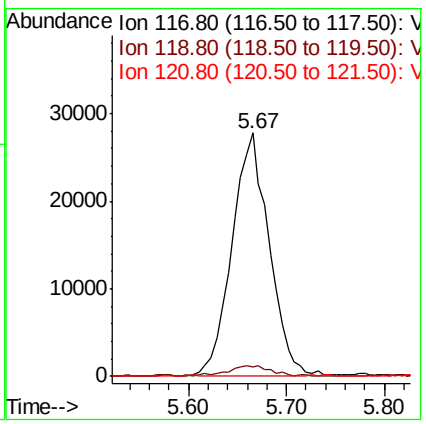


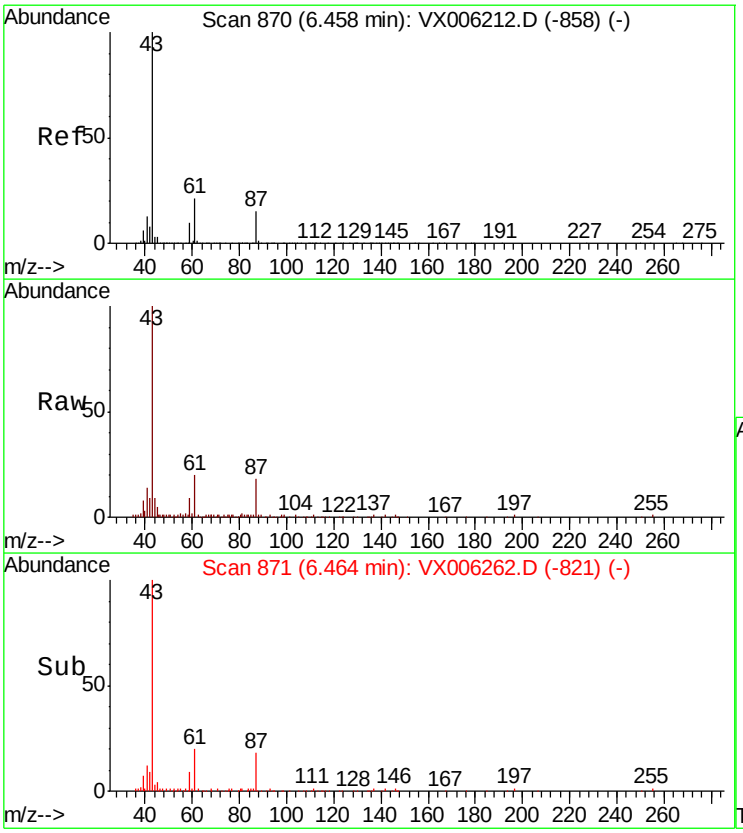
#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion:117 Resp: 73703

Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.8	113.8#
121	0.0	24.6	37.0#

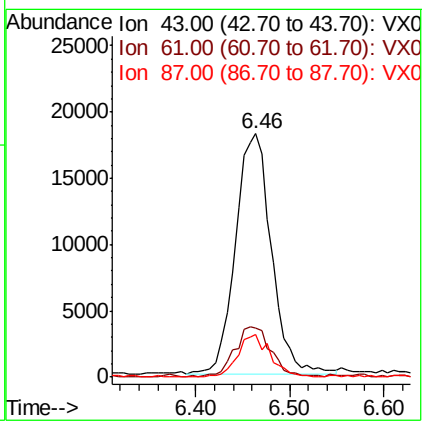


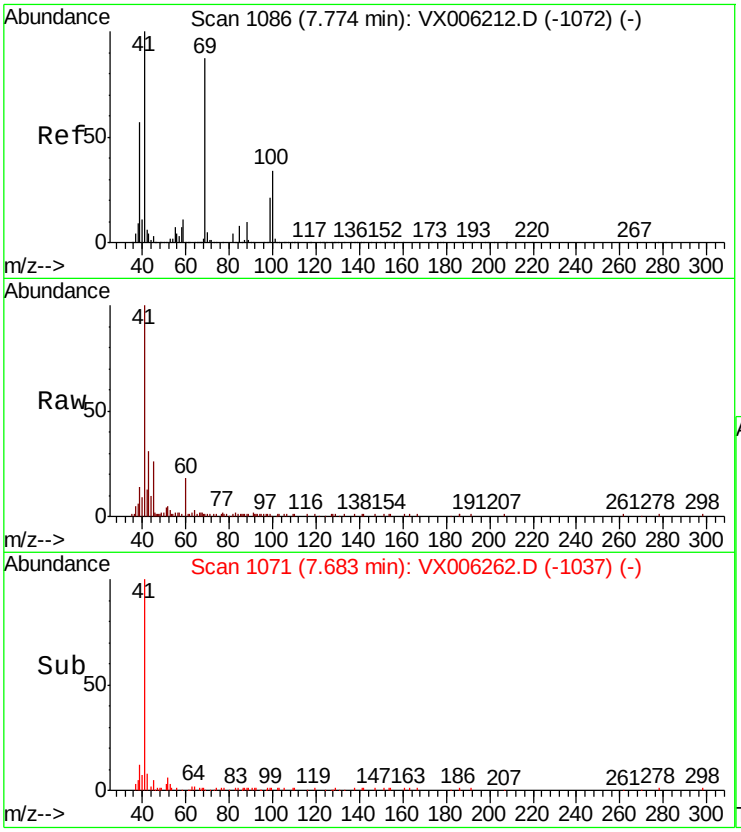


#43
Isopropyl Acetate
Concen: 2.469 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 43 Resp: 48121

Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	16.1	11.9	17.9



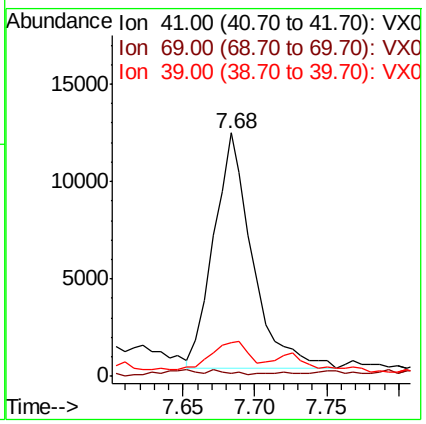


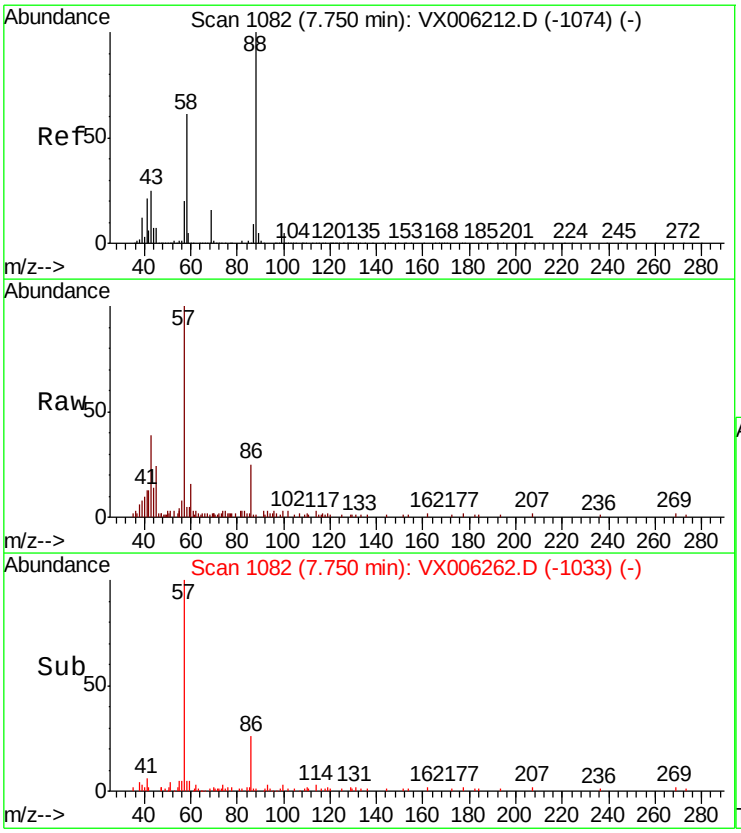
#48
Methyl methacrylate
Concen: 2.403 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument : MSVOA_X
ClientSampleId : OR-03-112918-A

Tgt Ion: 41 Resp: 22786

Ion	Ratio	Lower	Upper
41	100		
69	0.8	70.3	105.5#
39	0.0	45.3	67.9#

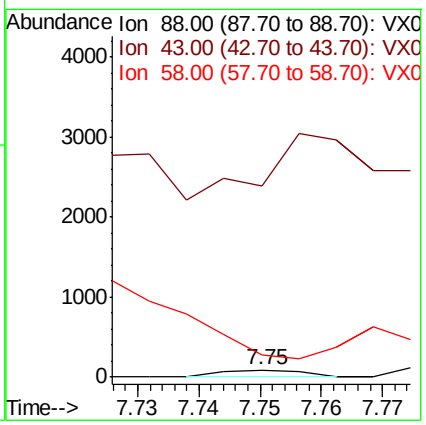


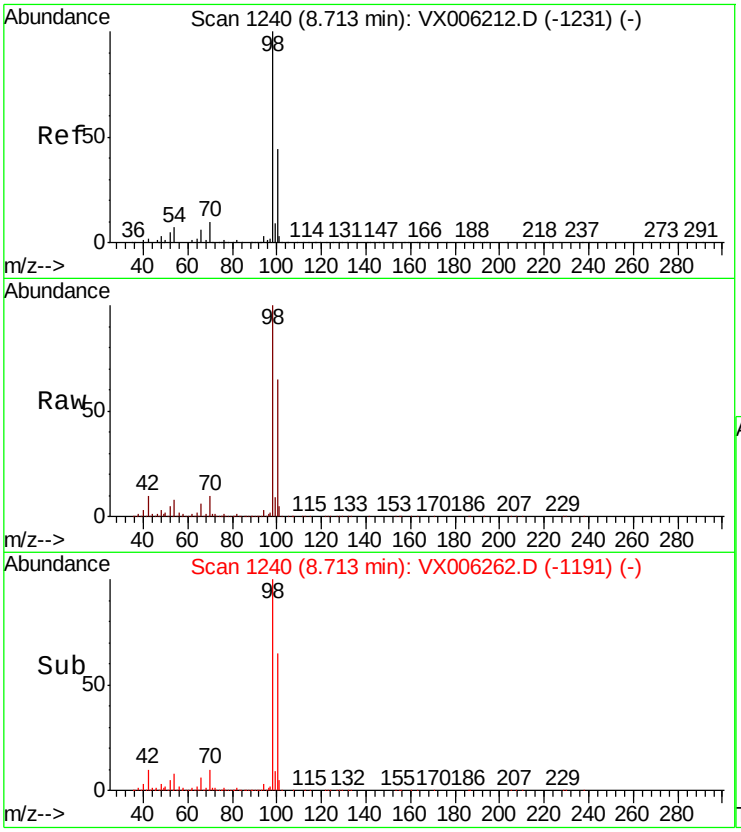


#49
1,4-Dioxane
Concen: 0.347 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 88 Resp: 81

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	0.0	51.4	77.0#



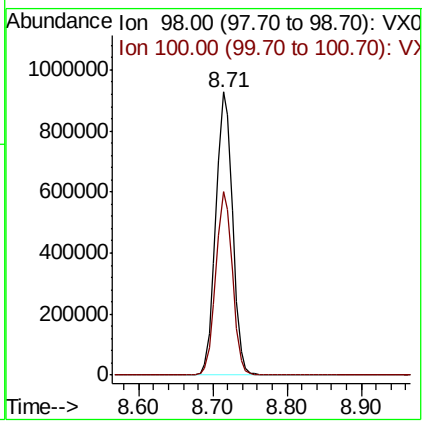


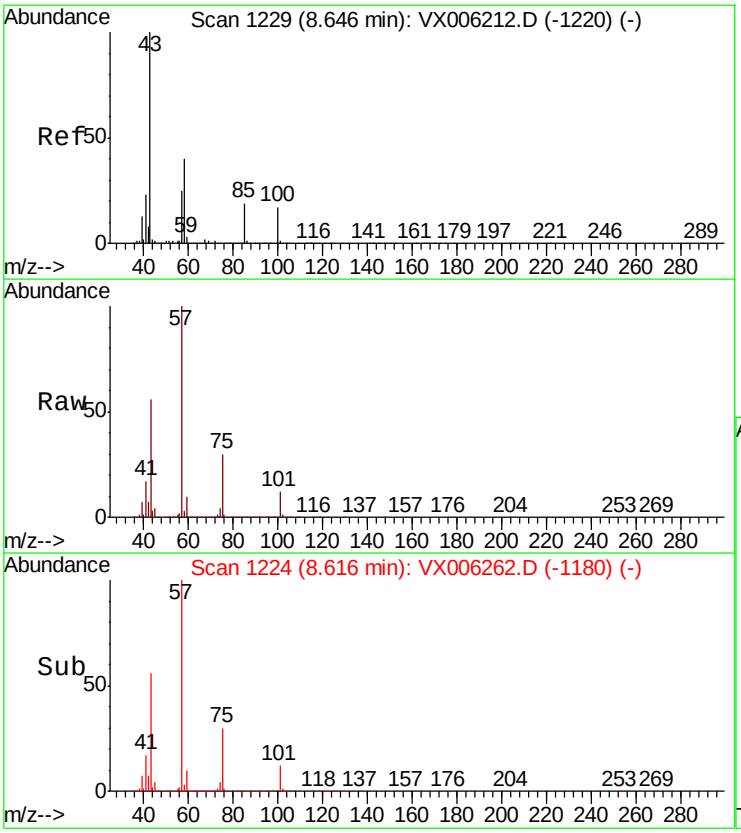
#50
Toluene-d8
Concen: 49.342 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 98 Resp: 1440483

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2

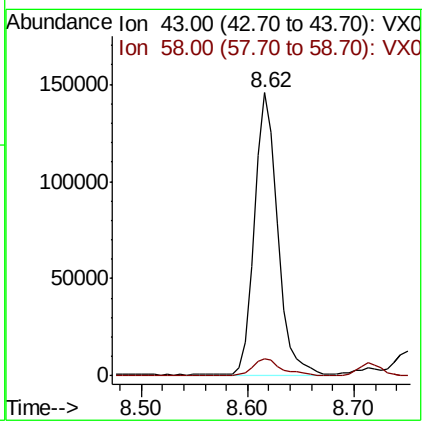


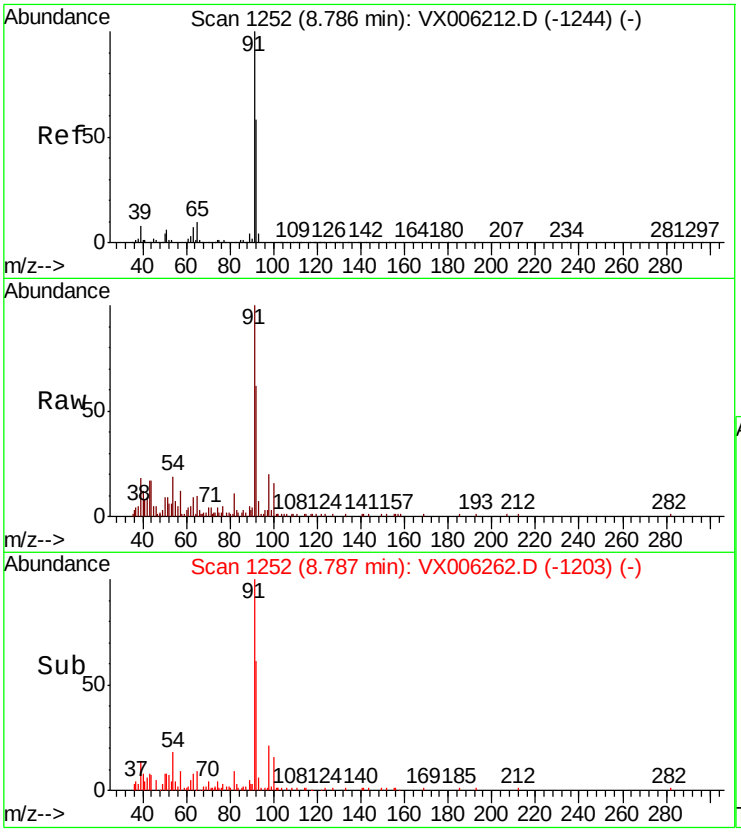


#51
4-Methyl-2-Pentanone
Concen: 19.639 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 43 Resp: 222836

Ion	Ratio	Lower	Upper
43	100		
58	7.8	31.3	46.9#



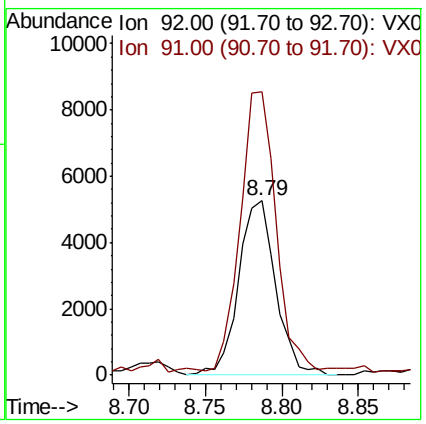


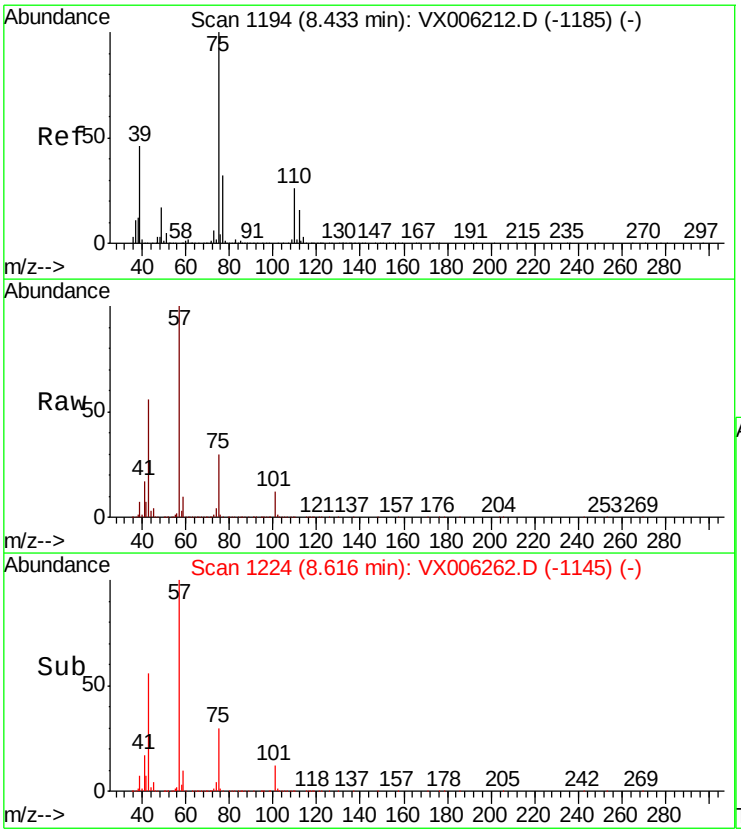
#52
Toluene
Concen: 0.432 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 92 Resp: 8880

Ion	Ratio	Lower	Upper
92	100		
91	154.0	139.2	208.8

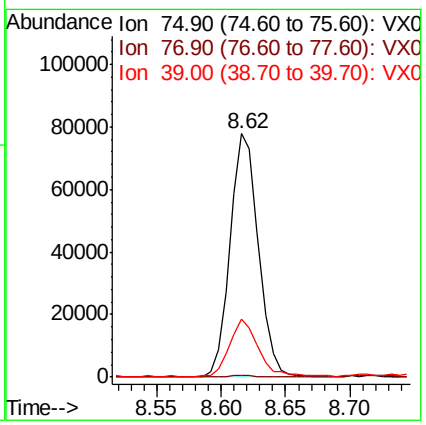


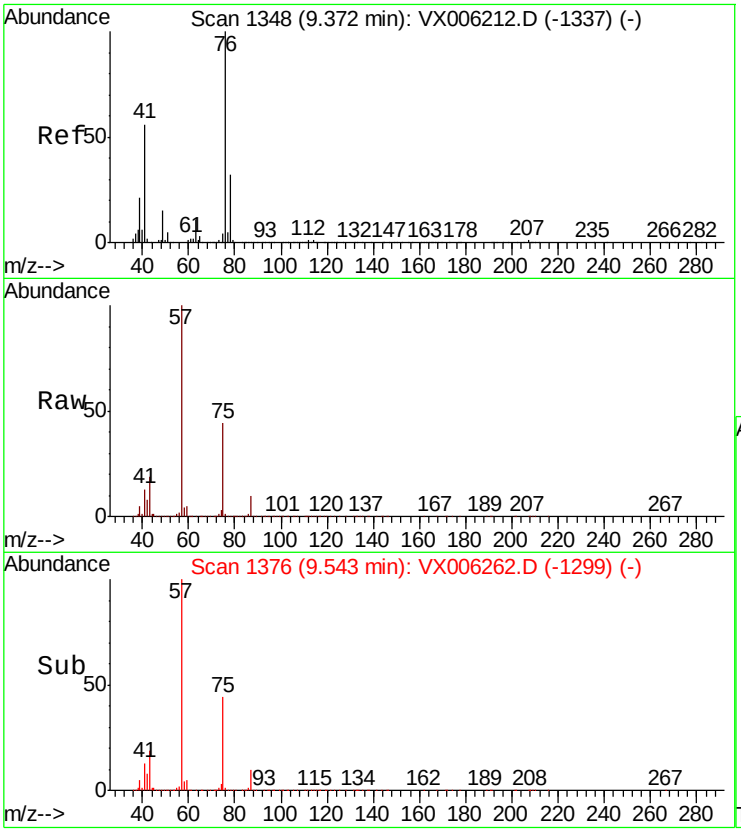


#54
cis-1,3-Dichloropropene
Concen: 8.831 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 75 Resp: 119181

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.6	38.4#
39	23.2	36.5	54.7#



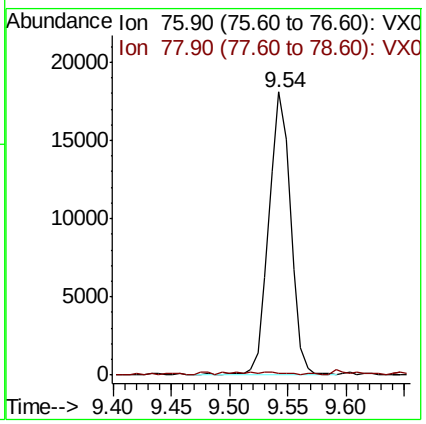


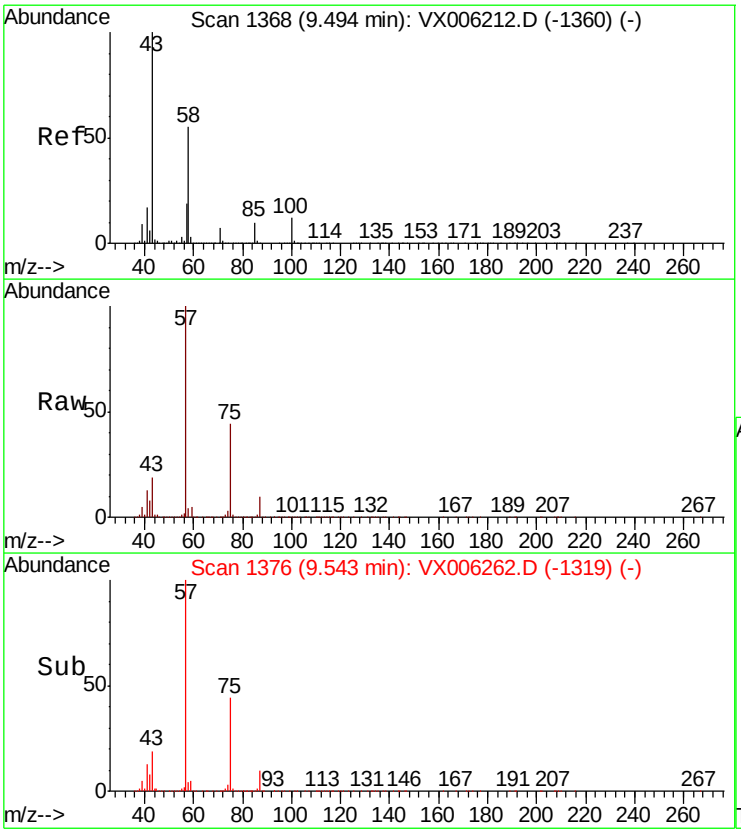
#57
1,3-Dichloropropane
Concen: 1.775 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 76 Resp: 23461

Ion	Ratio	Lower	Upper
76	100		
78	1.7	26.1	39.1#

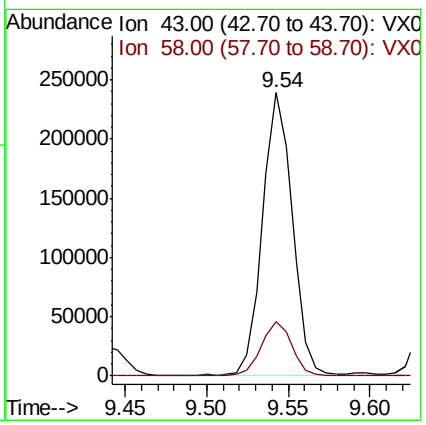


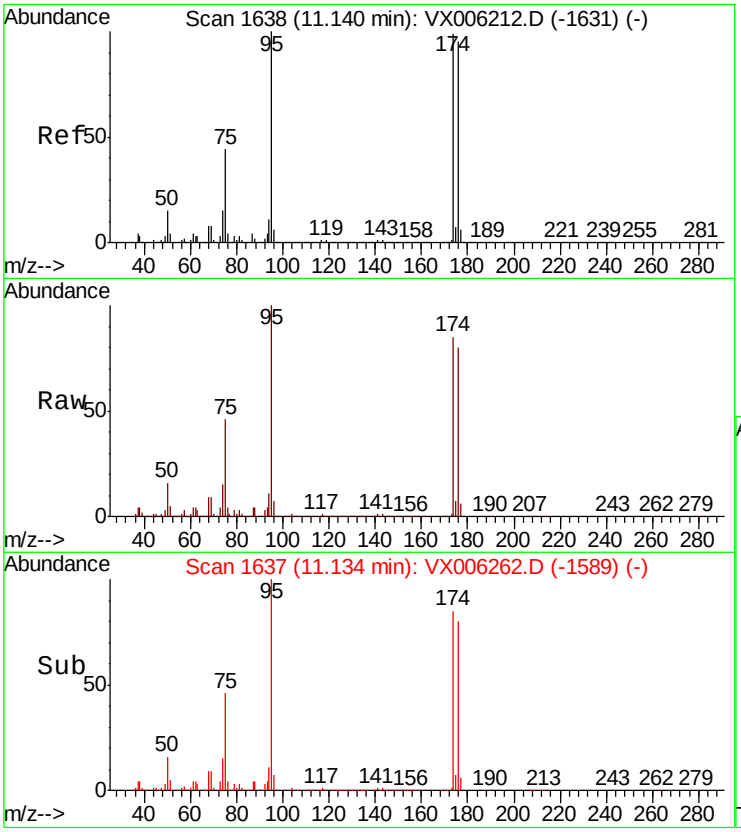


#59
2-Hexanone
Concen: 34.727 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 43 Resp: 301036

Ion	Ratio	Lower	Upper
43	100		
58	19.9	27.7	83.1#



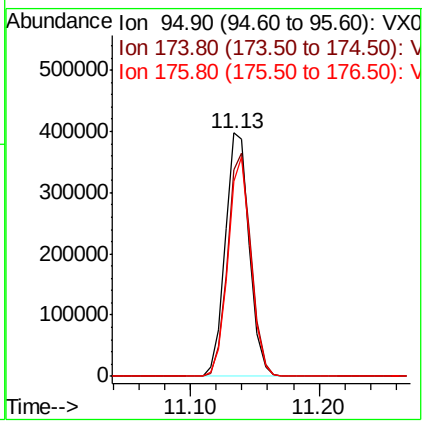


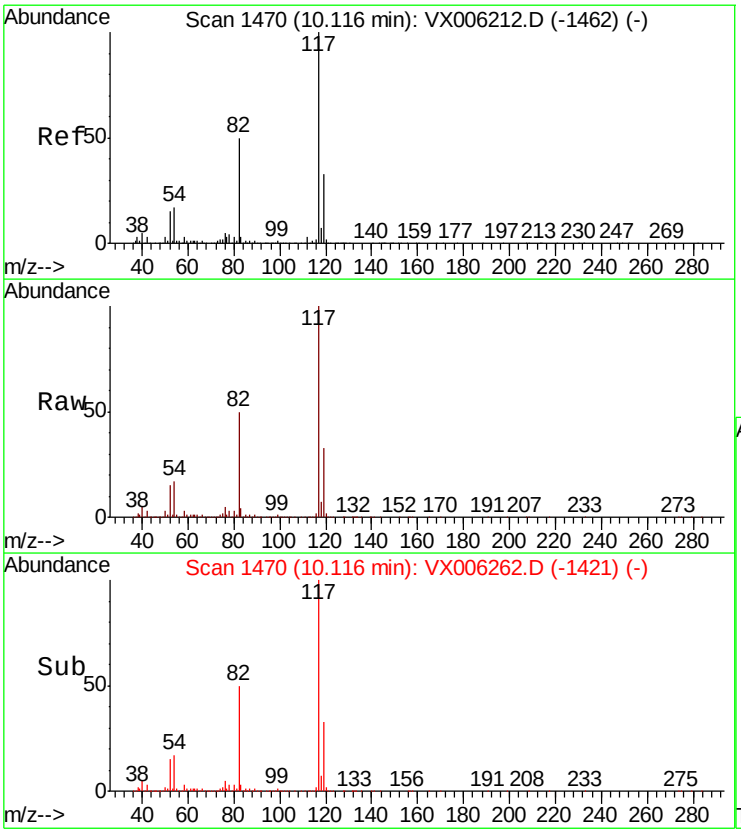
#62
4-Bromofluorobenzene
Concen: 47.412 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 95 Resp: 521581

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	187.0
176	85.8	0.0	181.8

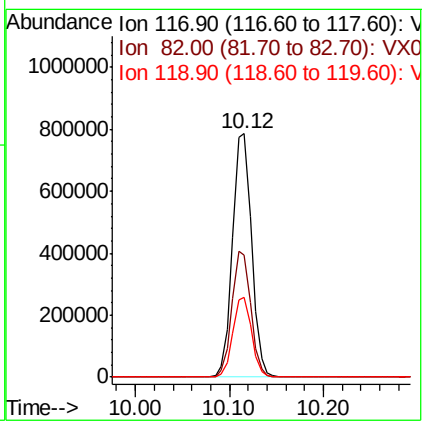


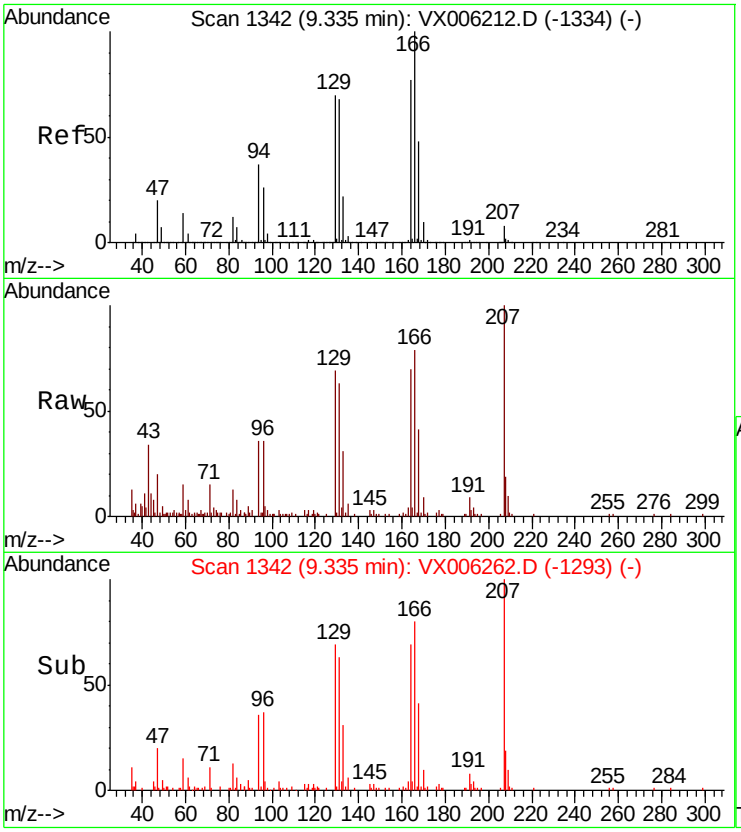


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion:117 Resp: 1103906

Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.6	59.4
119	32.6	26.3	39.5



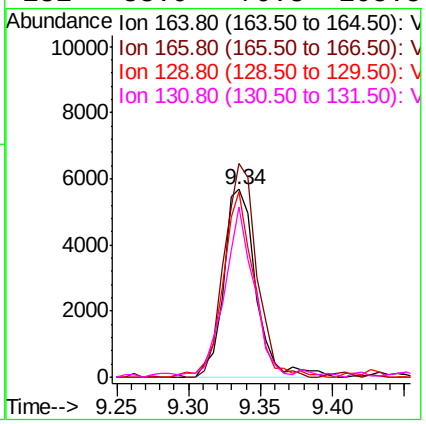


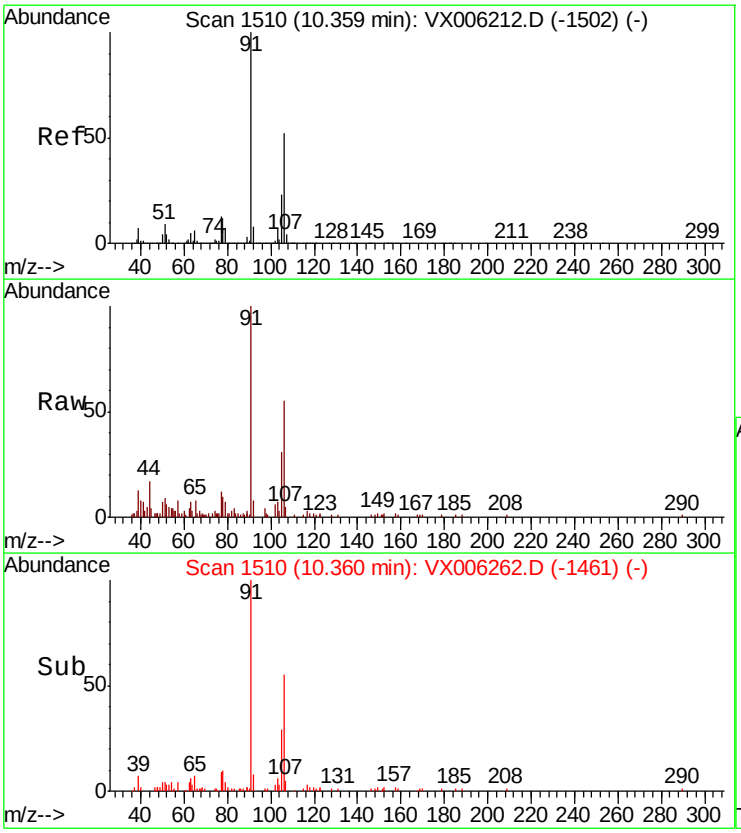
#64
Tetrachloroethene
Concen: 1.083 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion:164 Resp: 9001

Ion	Ratio	Lower	Upper
164	100		
166	113.6	104.2	156.2
129	98.9	72.6	108.8
131	88.9	70.3	105.5

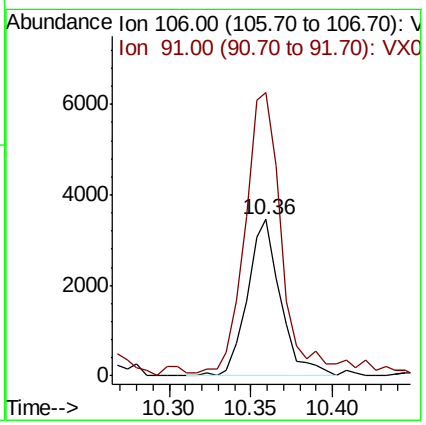


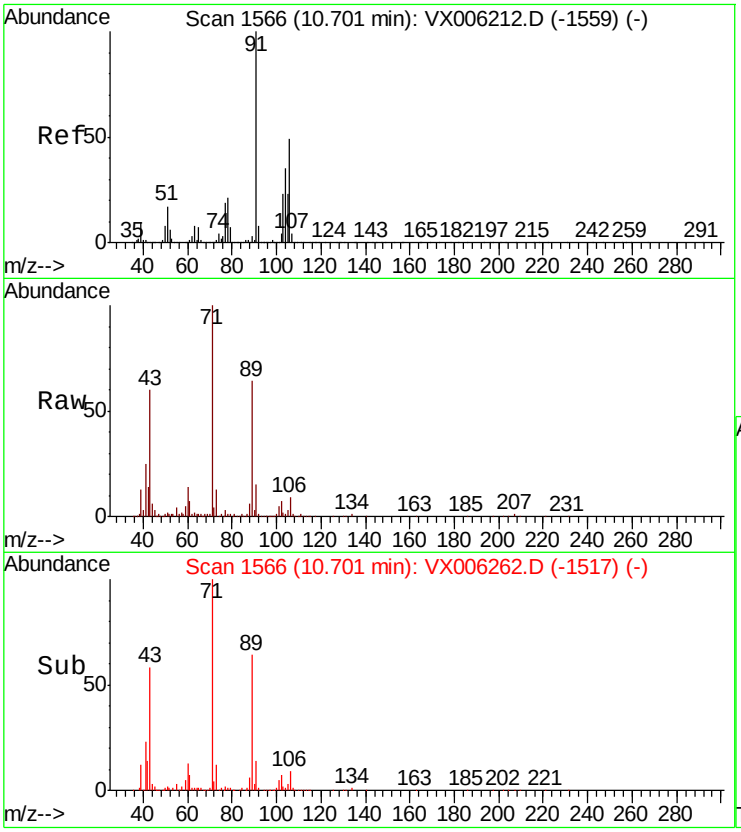


#68
m/p-Xylenes
Concen: 0.314 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion:106 Resp: 4897

Ion	Ratio	Lower	Upper
106	100		
91	193.1	155.2	232.8



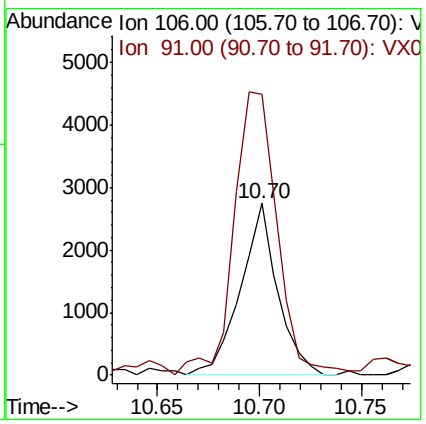


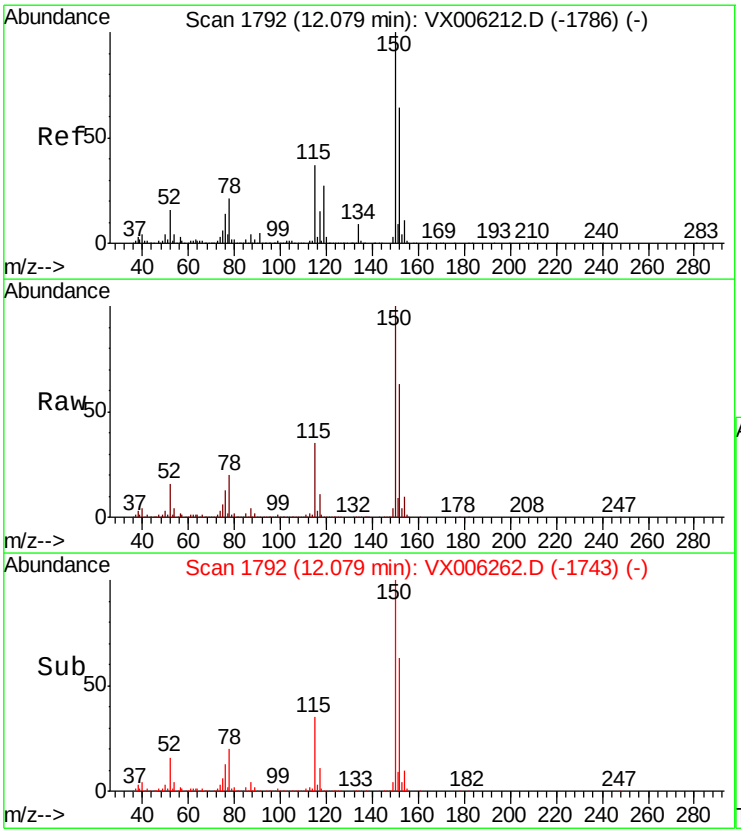
#69
o-Xylene
Concen: 0.226 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion:106 Resp: 3481

Ion	Ratio	Lower	Upper
106	100		
91	191.3	101.8	305.6

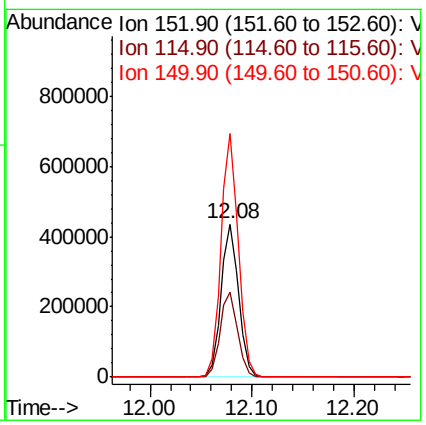


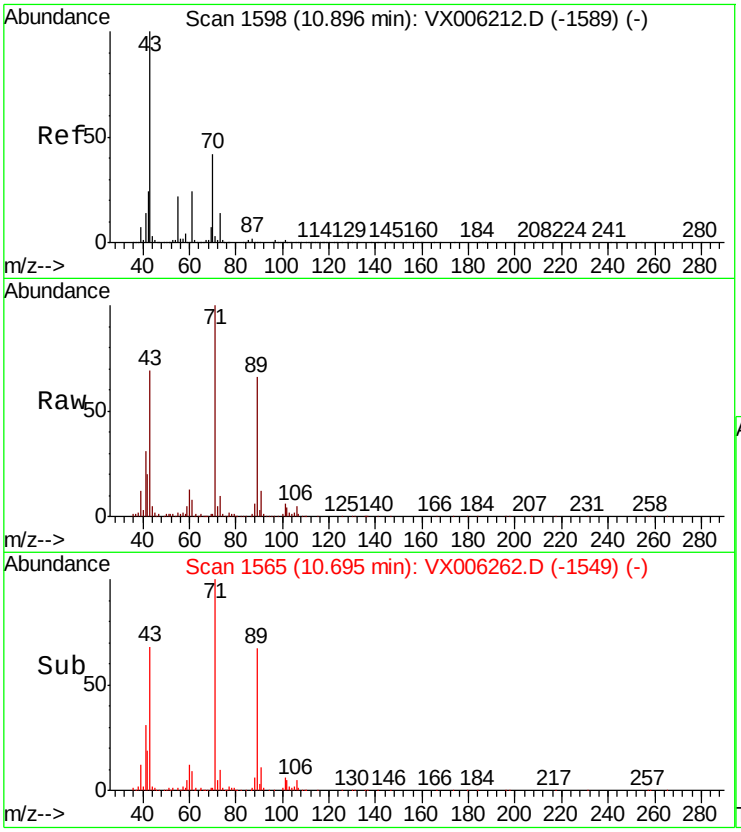


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion:152 Resp: 518922

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.0	116.9
150	157.7	0.0	345.8



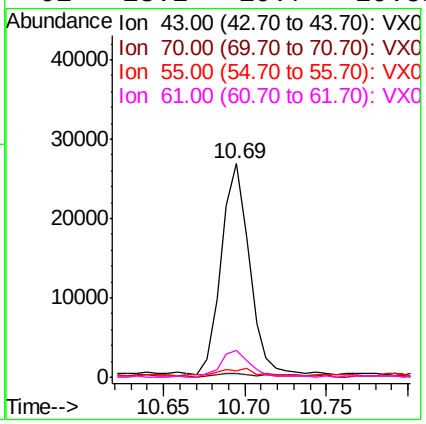


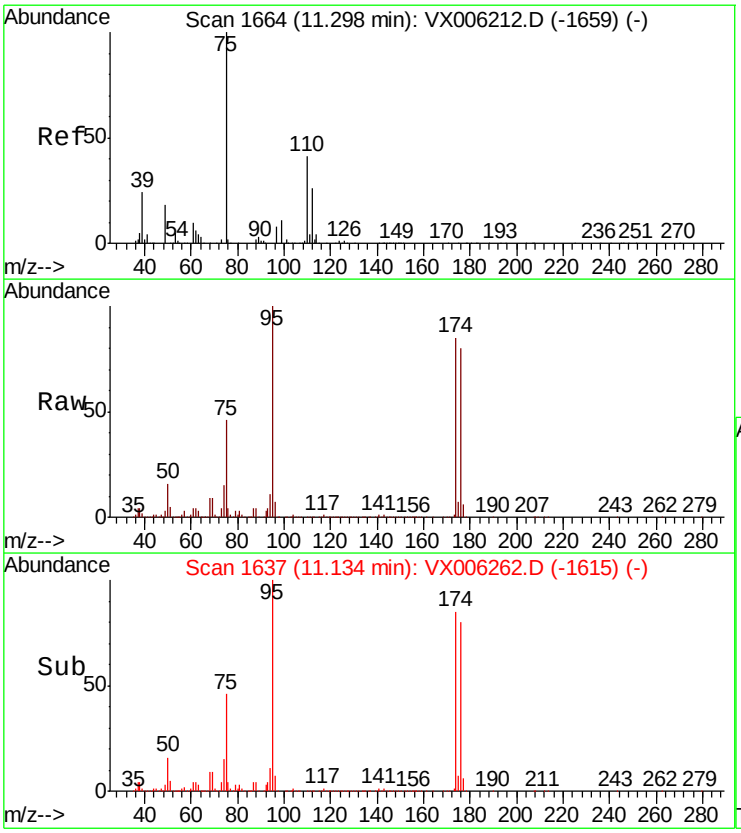
#74
N-amyl acetate
Concen: 2.052 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion: 43 Resp: 31665

Ion	Ratio	Lower	Upper
43	100		
70	2.5	34.1	51.1#
55	5.5	17.8	26.8#
61	13.2	19.7	29.5#

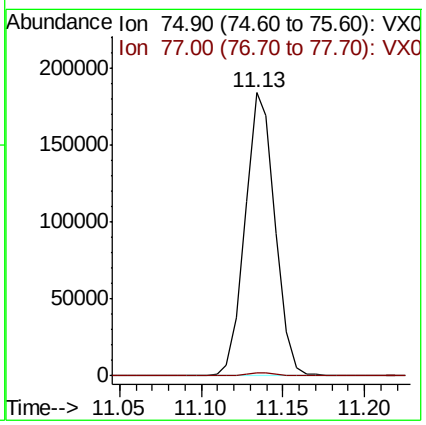


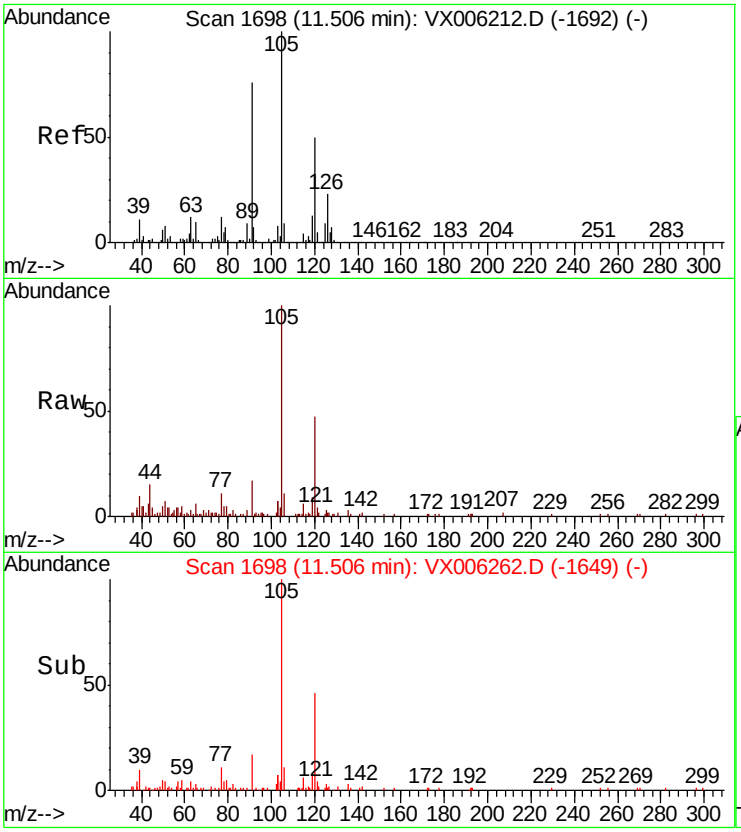


#76
1,2,3-Trichloropropane
Concen: 23.416 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 75 Resp: 234533

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#



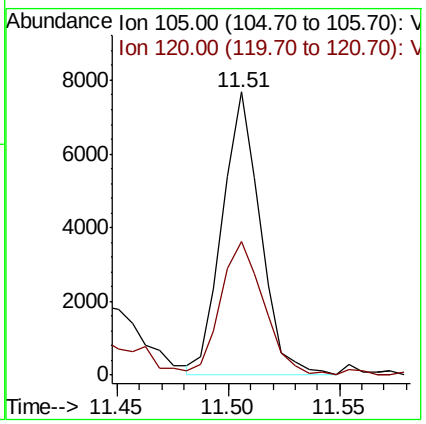


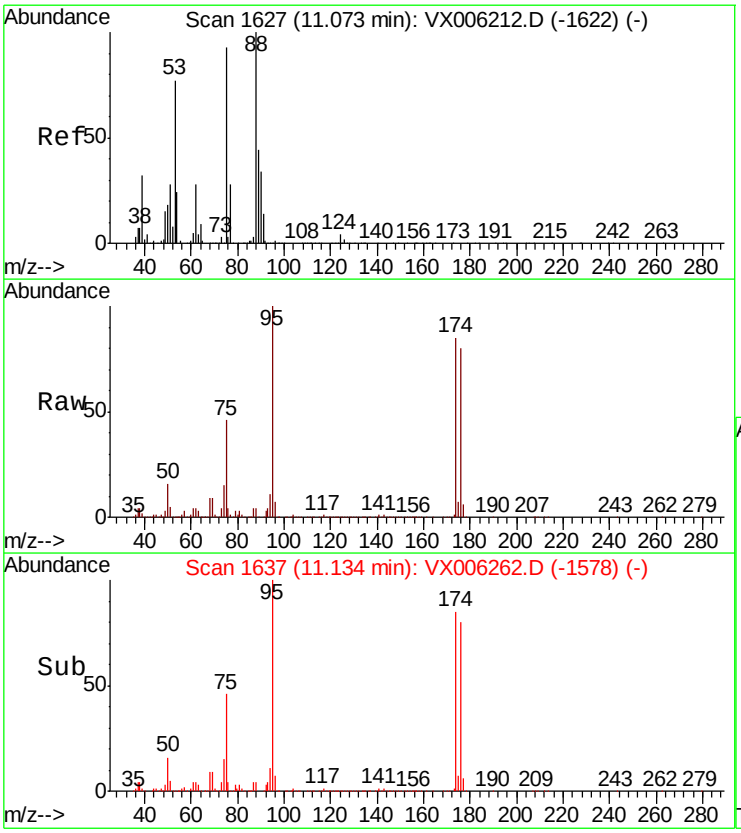
#80
1,3,5-Trimethylbenzene
Concen: 0.306 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion:105 Resp: 9122

Ion	Ratio	Lower	Upper
105	100		
120	53.4	25.4	76.0

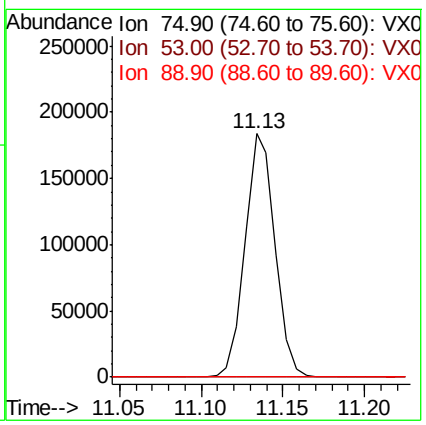


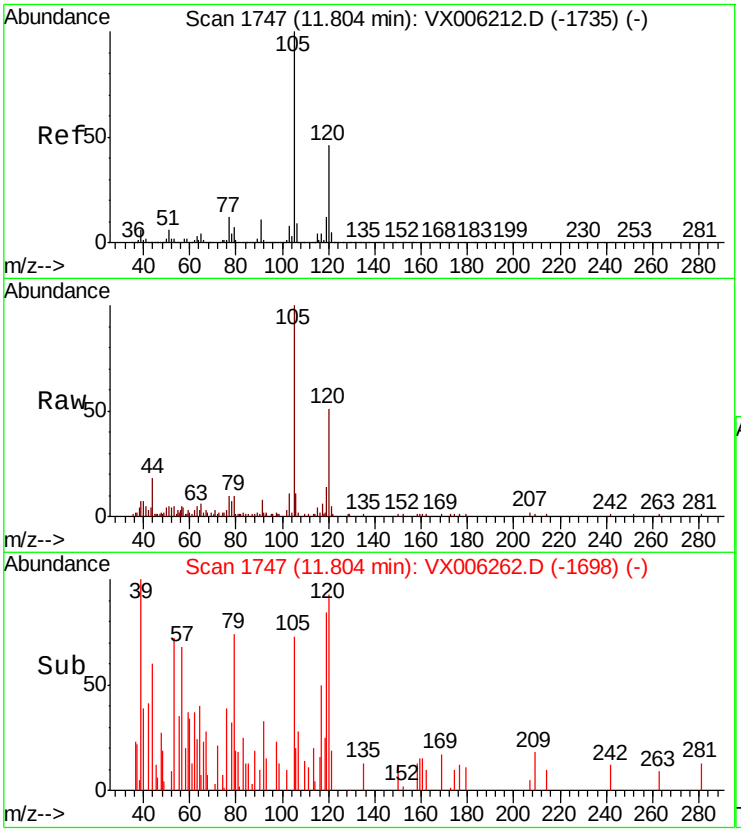


#81
trans-1,4-Dichloro-2-butene
Concen: 54.950 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 75 Resp: 234533

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.1	44.2	66.4#



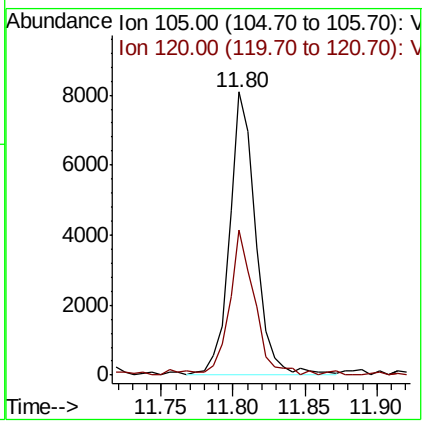


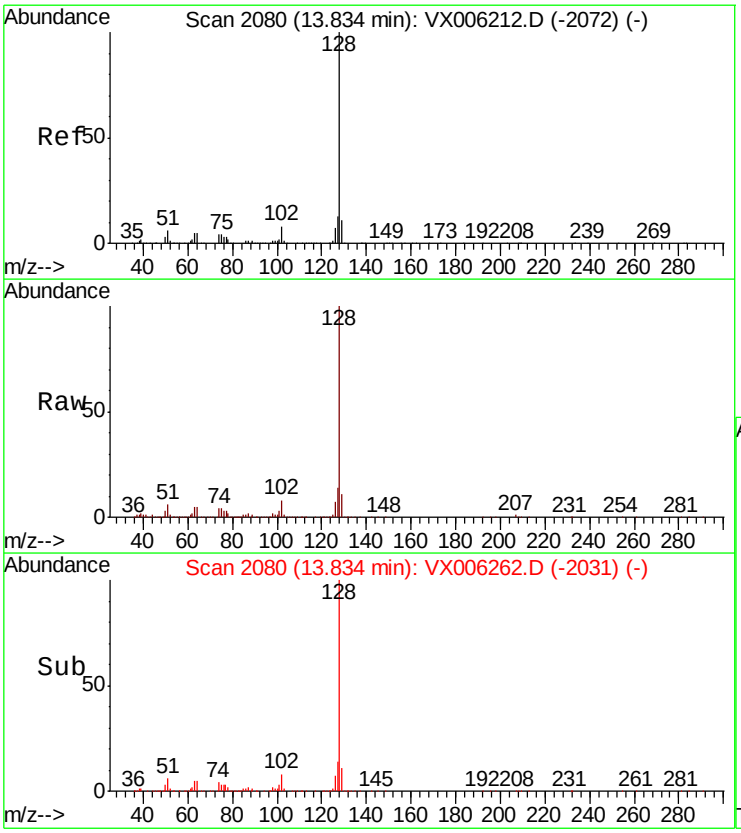
#84
1,2,4-Trimethylbenzene
Concen: 0.335 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

Tgt Ion:105 Resp: 10310

Ion	Ratio	Lower	Upper
105	100		
120	49.2	23.4	70.0





#95
Naphthalene
Concen: 2.600 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion:128 Resp: 103624

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.8	8.9	13.3