Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
Data File : VX006203.D
Acq On : 27 Nov 2018 04:31
Operator : JC/MD
Sample : J6028-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 27 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174794	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.56%			
35) Dibromofluoromethane	5.50	113	137916	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.70%			
50) Toluene-d8	8.71	98	514632	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.40%			
62) 4-Bromofluorobenzene	11.14	95	169422	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.60%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	900	0.361	ug/l #	87
5) Bromomethane	1.65	94	255	3.836	ug/l #	77
6) Chloroethane	1.76	64	766	Below Cal		97
13) Acrolein	2.29	56	127	0.324	ug/l #	13
14) Allyl chloride	2.62	41	943	0.240	ug/l #	41
16) Acetone	2.45	43	17644	12.916	ug/l	93
17) Carbon Disulfide	2.57	76	1815	0.350	ug/l #	94
18) Methyl Acetate	2.78	43	3715	1.061	ug/l #	74
20) Methylene Chloride	2.86	84	115248	55.781	ug/l	95
25) 2-Butanone	4.71	43	3039	1.199	ug/l #	54
30) Chloroform	5.21	83	1592	0.332	ug/l	89
36) 1,1-Dichloropropene	5.67	75	18741	5.116	ug/l #	53
38) Carbon Tetrachloride	5.66	117	25295	7.346	ug/l #	17
40) Benzene	6.15	78	5807	0.538	ug/l	97
43) Isopropyl Acetate	6.46	43	7042	1.035	ug/l #	96
48) Methyl methacrylate	7.69	41	6374	1.846	ug/l #	30
49) 1,4-Dioxane	7.72	88	80	0.977	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	43253	8.864	ug/l #	54
54) cis-1,3-Dichloropropene	8.62	75	18175	4.355	ug/l #	70
56) Ethyl methacrylate	9.18	69	228	2.913	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	75	6.751	ug/l	94
59) 2-Hexanone	9.54	43	23800	6.146	ug/l #	55
64) Tetrachloroethene	9.34	164	684	0.211	ug/l	97
74) N-amyl acetate	10.91	43	43	2.200	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	88192	23.121	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	88192	78.199	ug/l #	8
95) Naphthalene	13.83	128	19218	1.567	ug/l	97

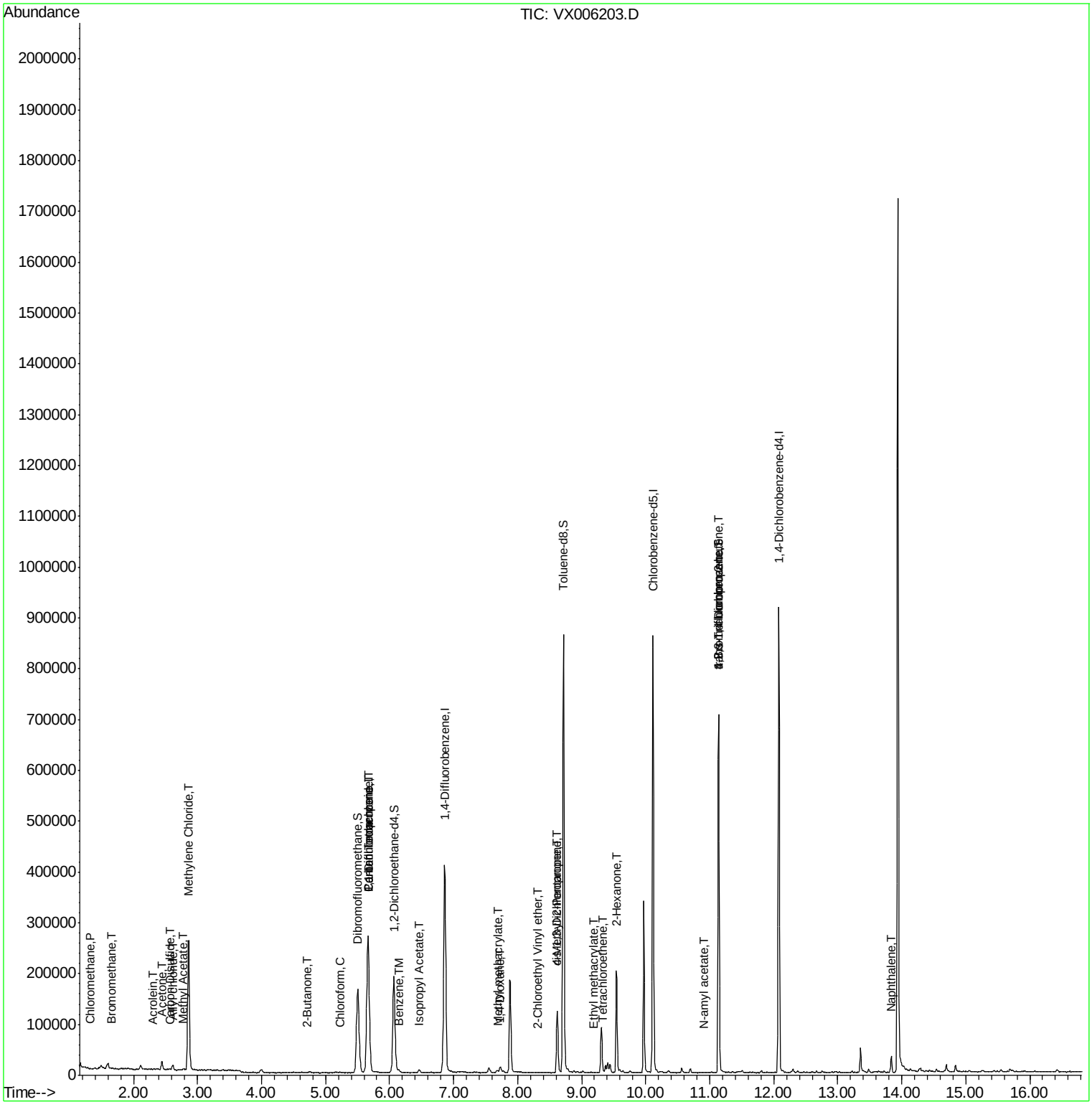
(#) = qualifier out of range (m) = manual integration (+) = signals summed

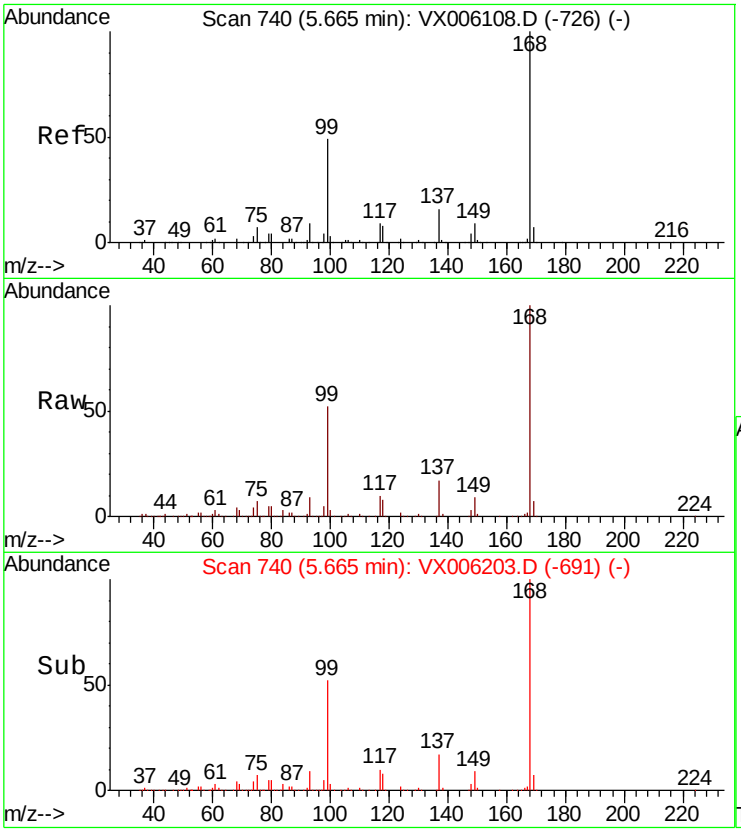
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006203.D
Acq On : 27 Nov 2018 04:31
Operator : JC/MD
Sample : J6028-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 27 05:01:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration



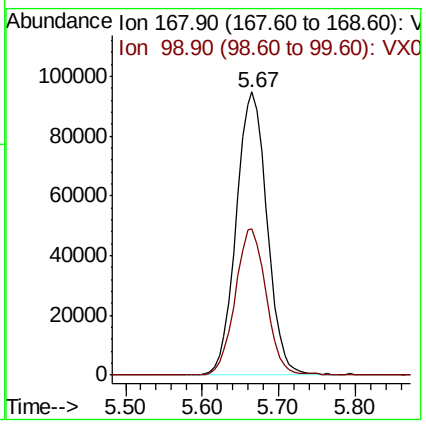


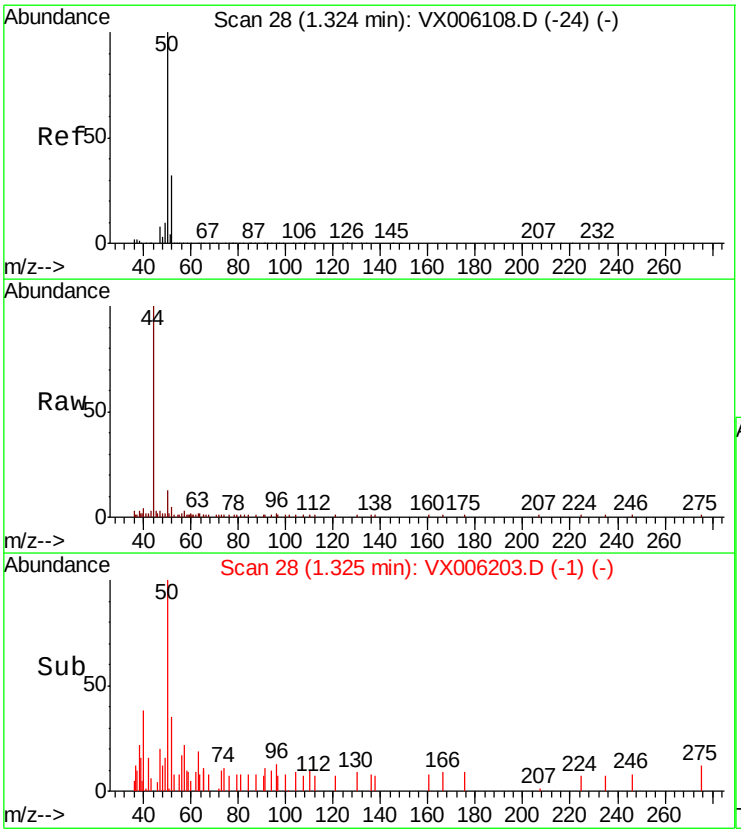
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 265663

Ion	Ratio	Lower	Upper
168	100		
99	51.7	39.2	58.8

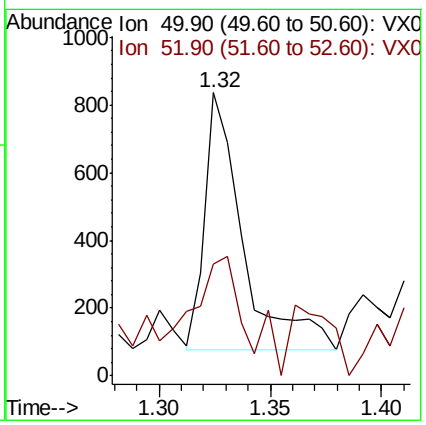


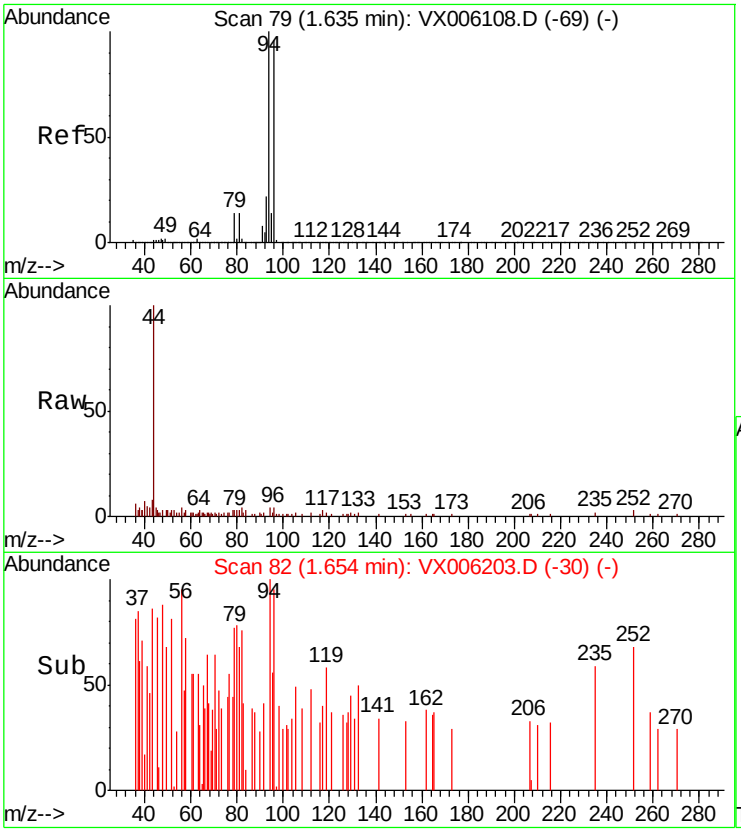


#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 50 Resp: 900

Ion	Ratio	Lower	Upper
50	100		
52	25.0	25.6	38.4#



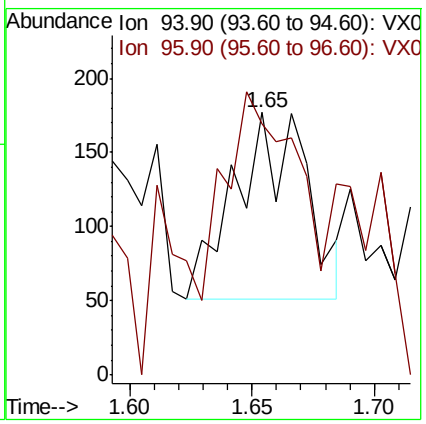


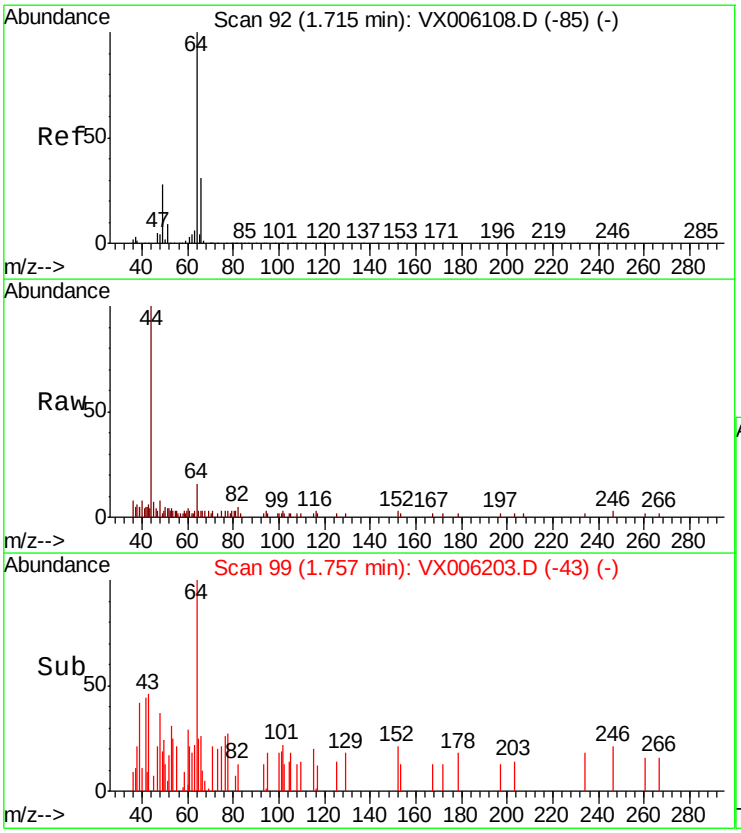
#5
Bromomethane
Concen: 3.836 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 255

Ion	Ratio	Lower	Upper
94	100		
96	73.0	76.7	115.1#

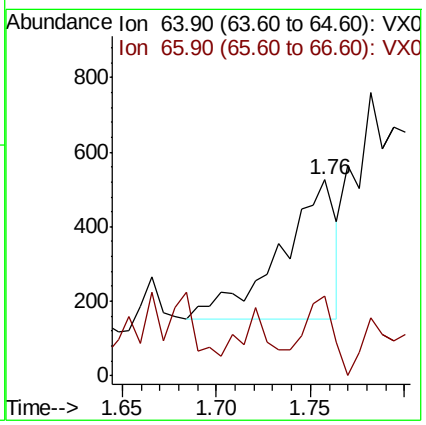


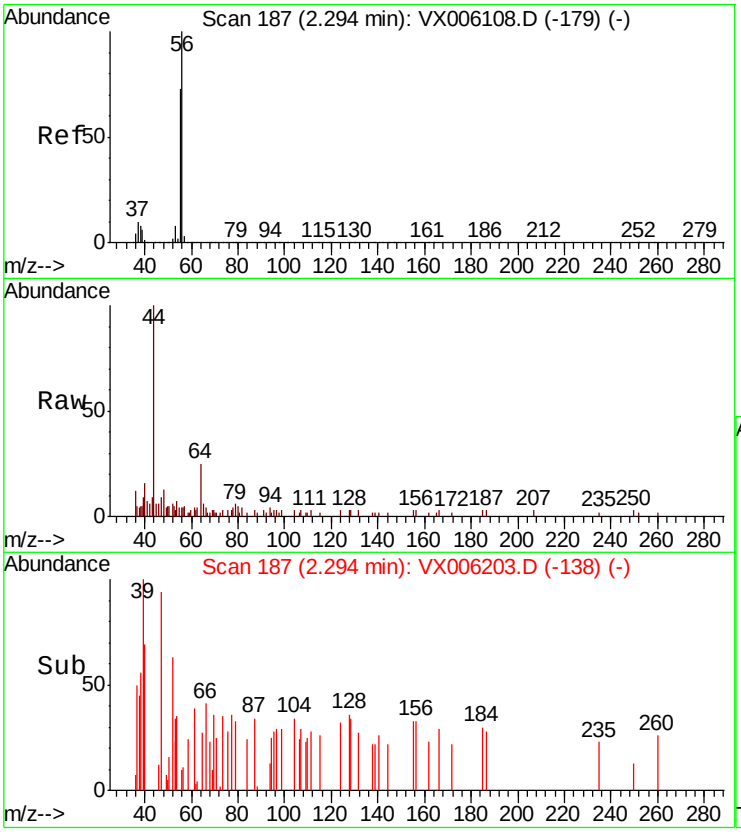


#6
Chloroethane
Concen: Below Cal
RT: 1.76 min Scan# 99
Delta R.T. 0.04 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 64 Resp: 766

Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.1	37.7



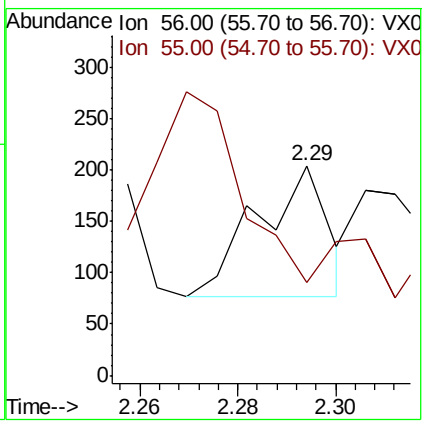


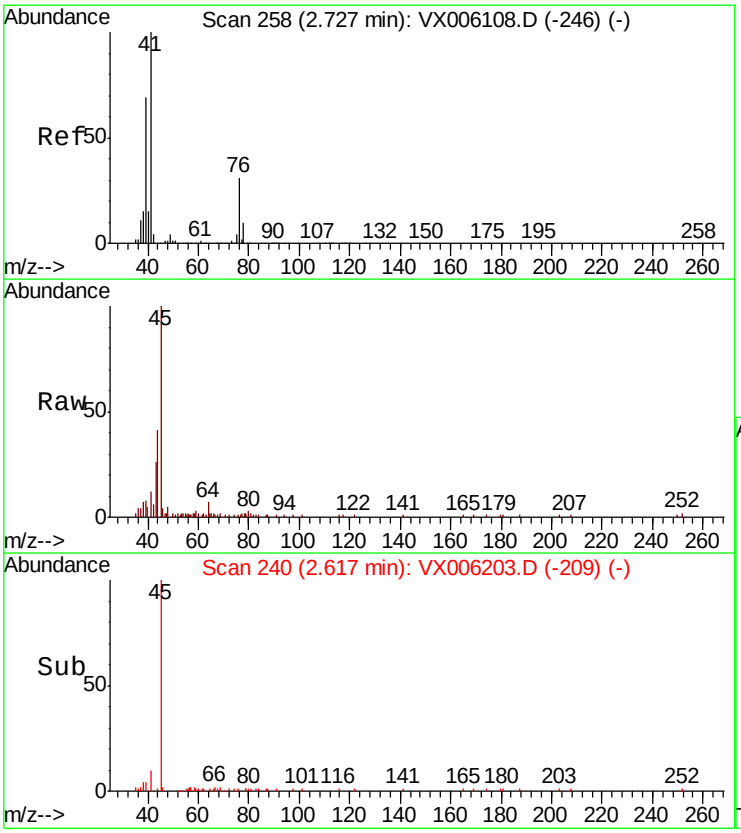
#13
Acrolein
Concen: 0.324 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 127

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.8	86.6#

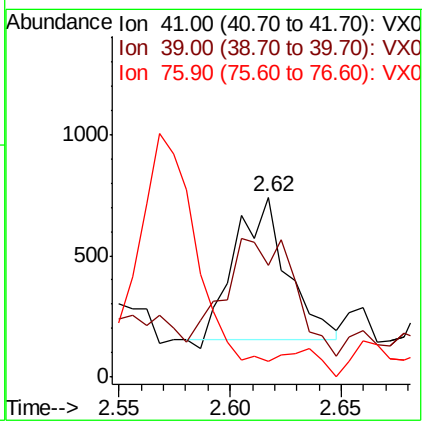


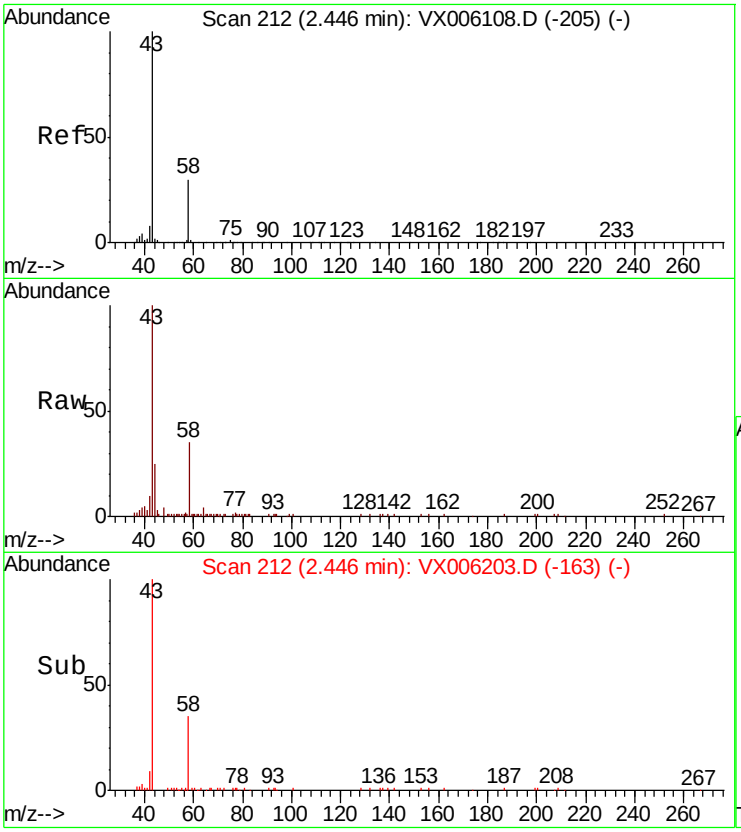


#14
Allyl chloride
Concen: 0.240 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.11 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 41 Resp: 943

Ion	Ratio	Lower	Upper
41	100		
39	113.7	52.5	78.7#
76	0.0	23.4	35.2#



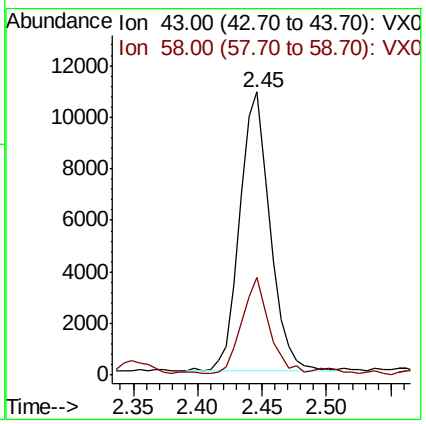


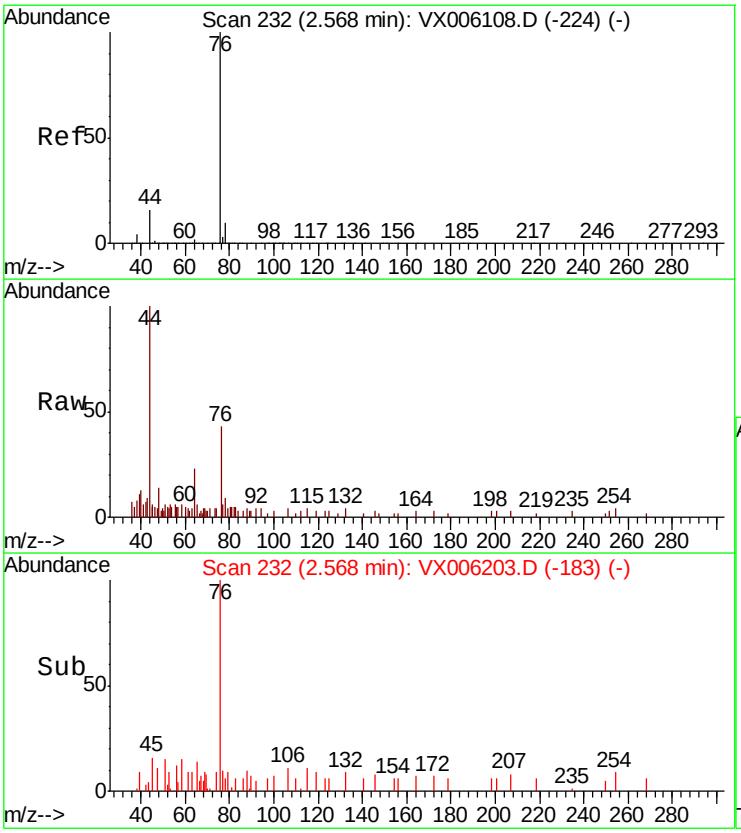
#16
Acetone
Concen: 12.916 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 17644

Ion	Ratio	Lower	Upper
43	100		
58	33.4	23.8	35.8

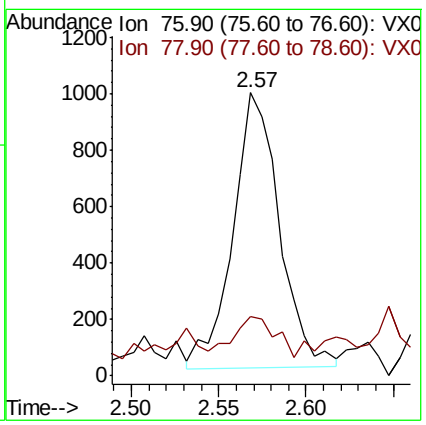


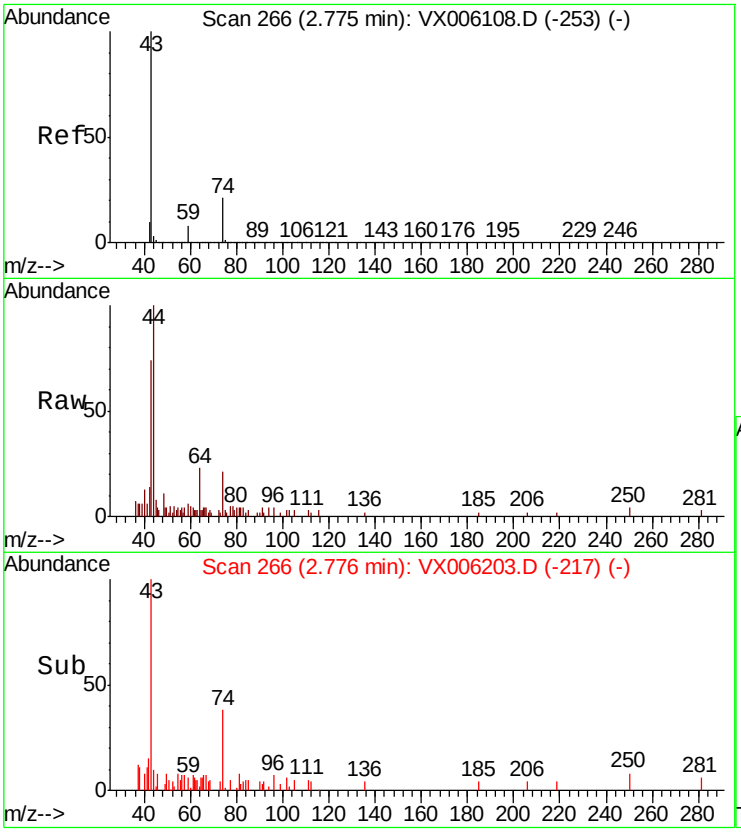


#17
Carbon Disulfide
Concen: 0.350 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 76 Resp: 1815

Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.7	11.5#



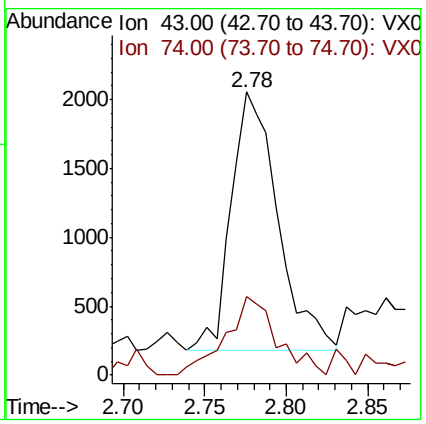


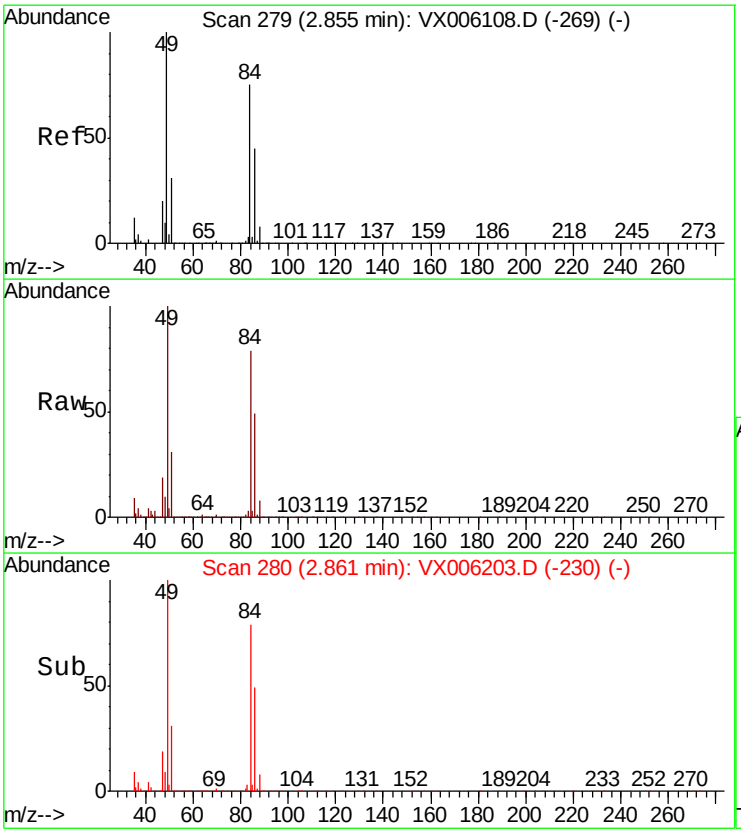
#18
Methyl Acetate
Concen: 1.061 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3715

Ion	Ratio	Lower	Upper
43	100		
74	33.7	17.3	25.9#

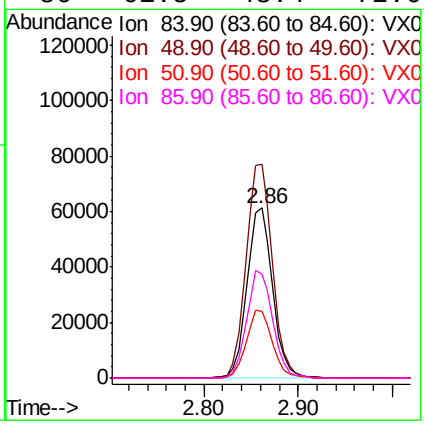


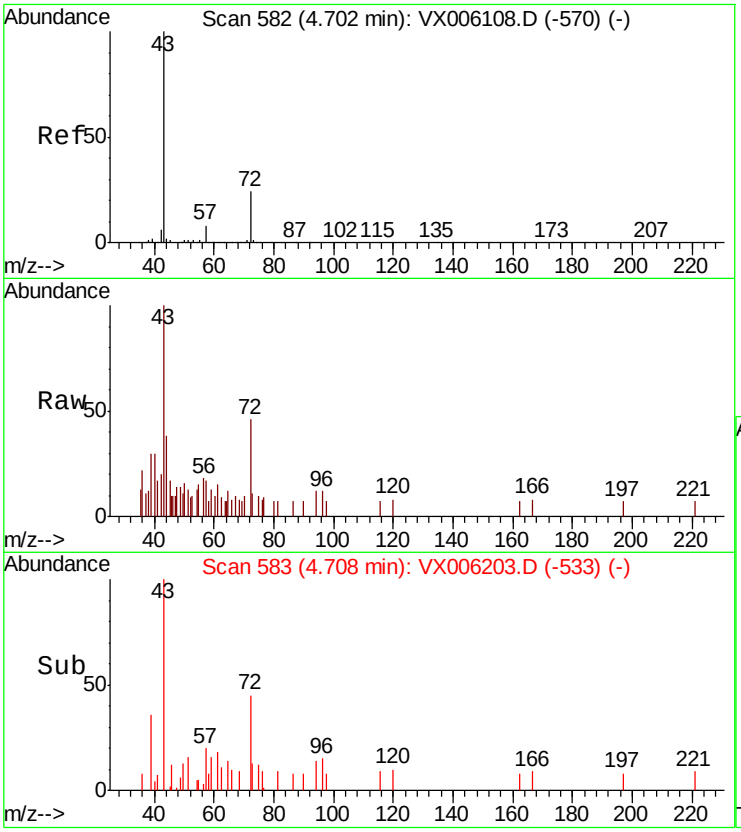


#20
Methylene Chloride
Concen: 55.781 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 84 Resp: 115248

Ion	Ratio	Lower	Upper
84	100		
49	125.7	106.6	159.8
51	38.7	32.6	49.0
86	61.5	48.4	72.6



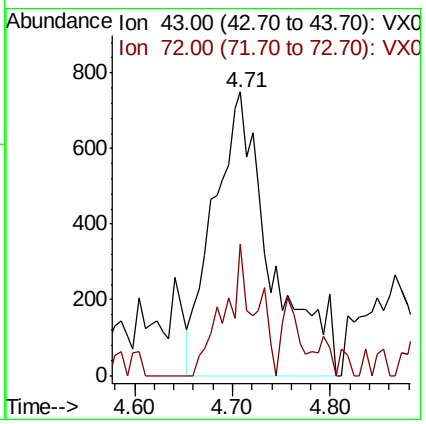


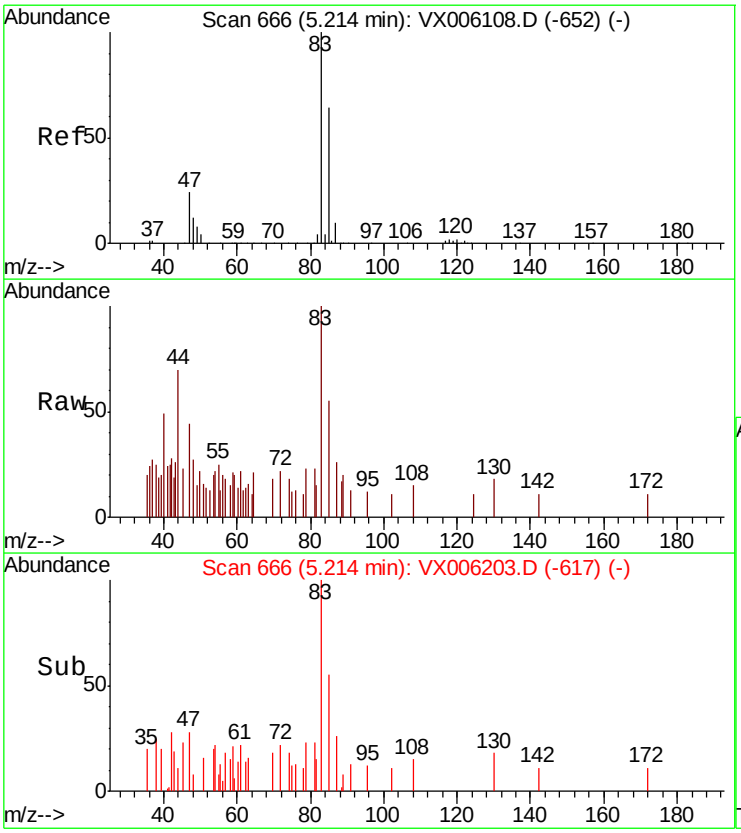
#25
2-Butanone
Concen: 1.199 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3039

Ion	Ratio	Lower	Upper
43	100		
72	46.5	19.2	28.8#

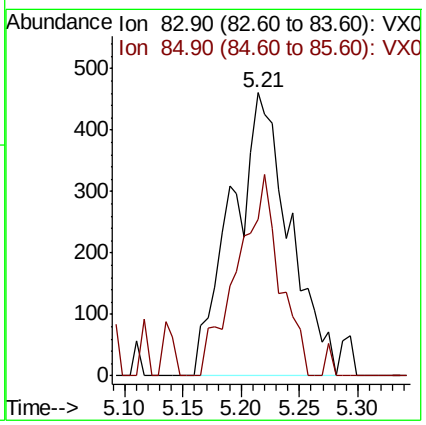


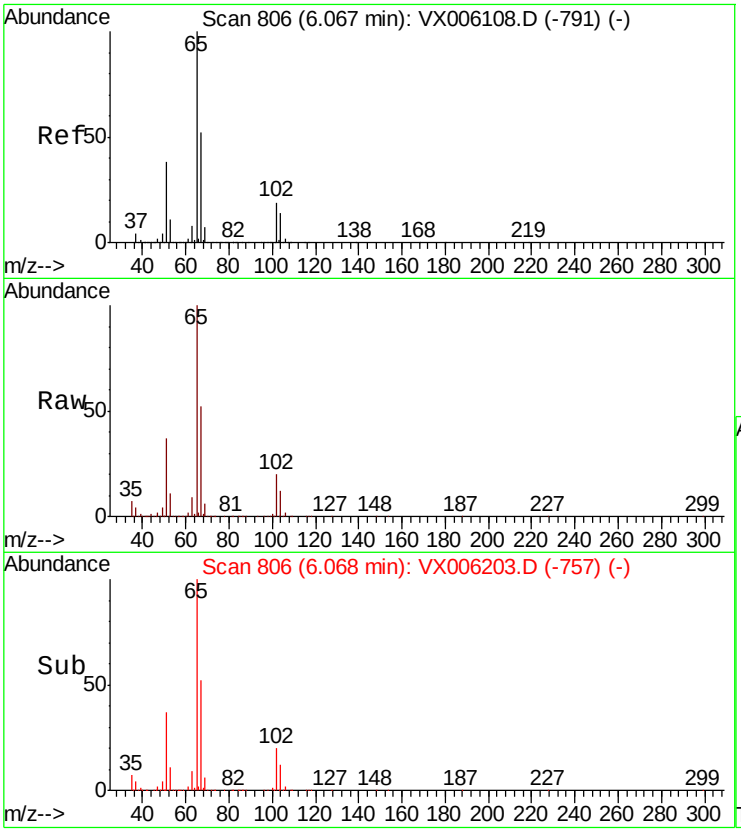


#30
Chloroform
Concen: 0.332 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 83 Resp: 1592

Ion	Ratio	Lower	Upper
83	100		
85	55.1	51.0	76.4



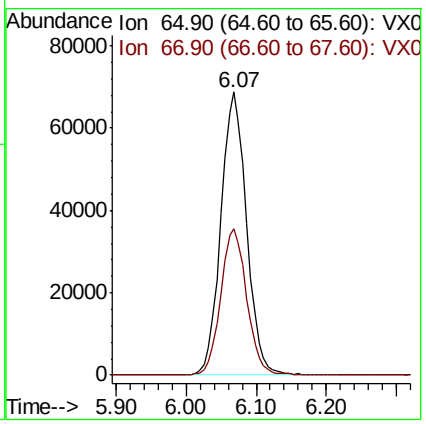


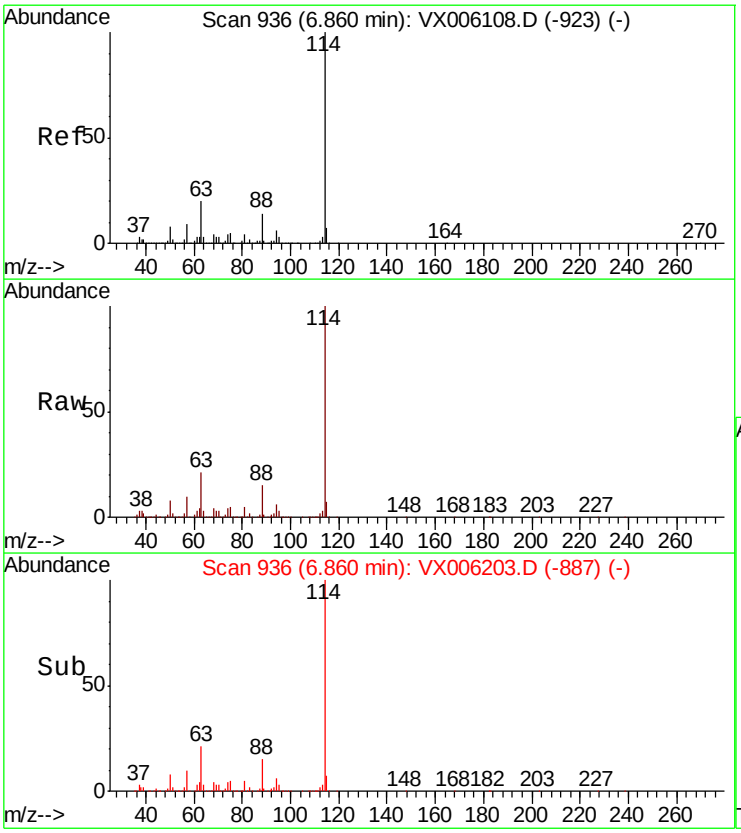
#33
1,2-Dichloroethane-d4
Concen: 56.782 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 174794

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.8

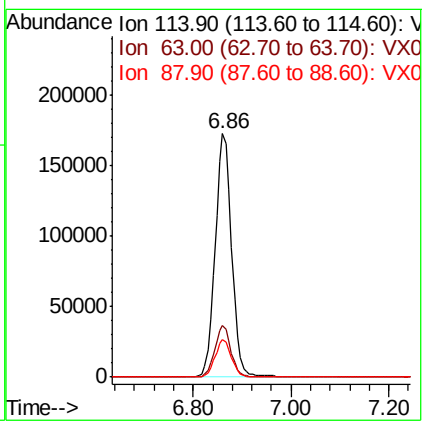


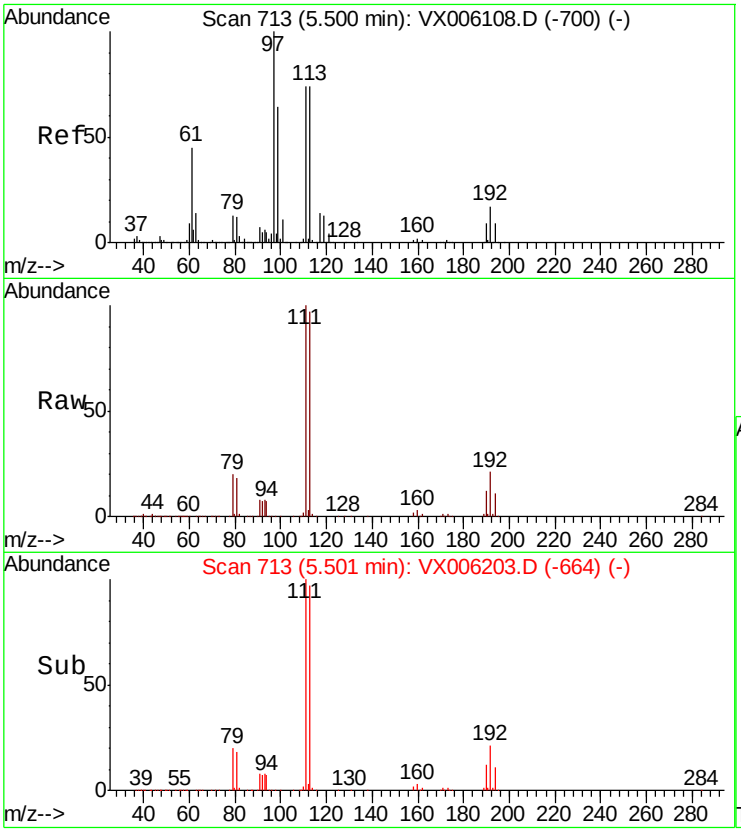


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion:114 Resp: 402691

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.2
88	15.4	0.0	28.6



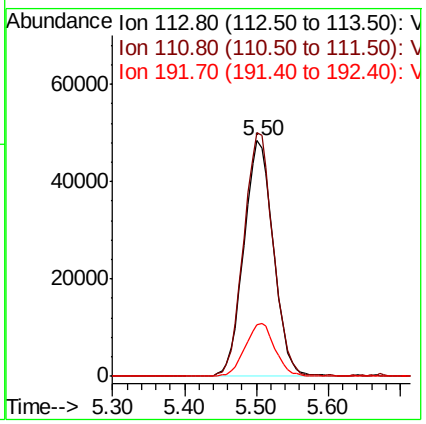


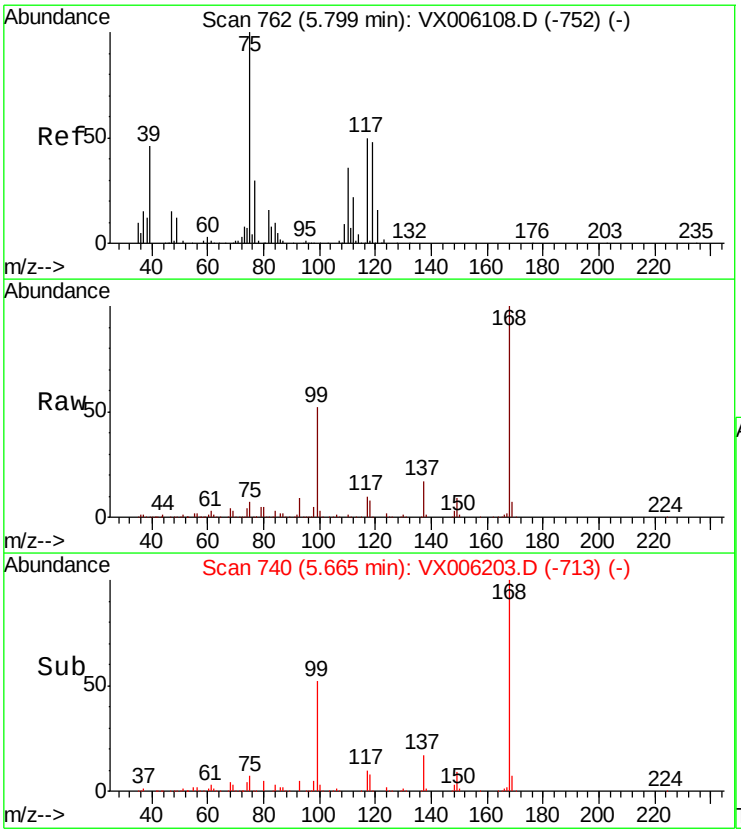
#35
Dibromofluoromethane
Concen: 53.354 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 137916

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	22.5	18.6	28.0

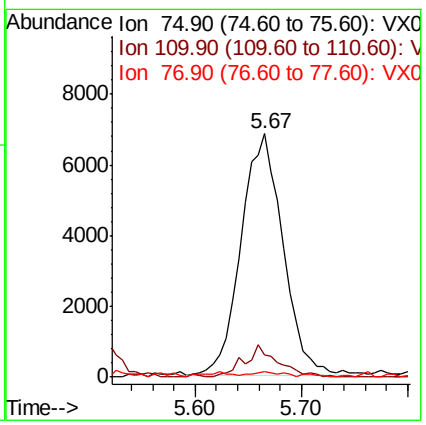


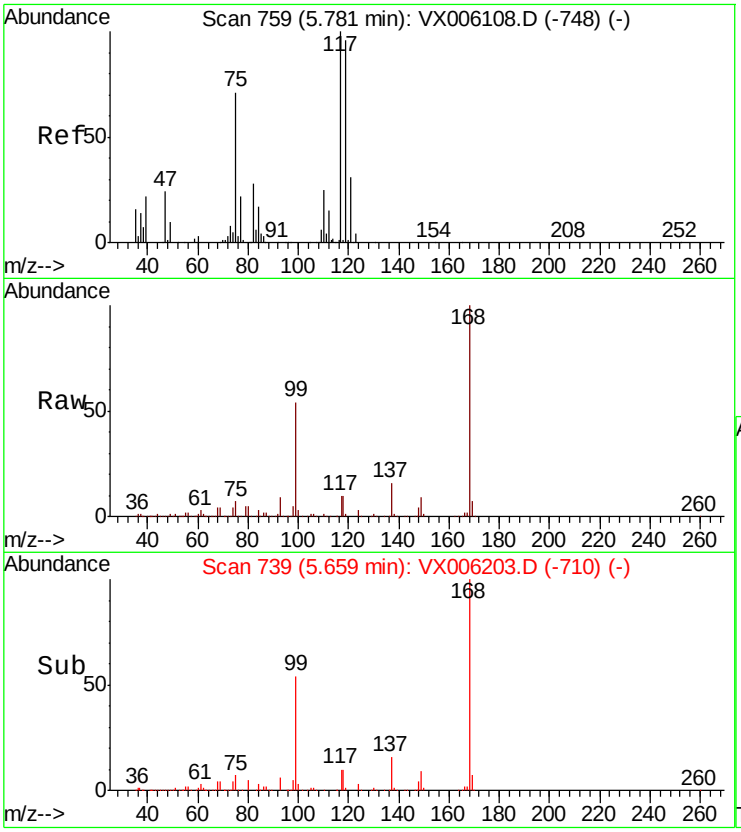


#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 75 Resp: 18741

Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.8	53.3#
77	1.7	24.5	36.7#



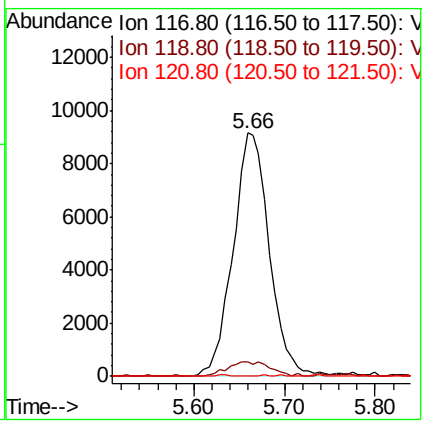


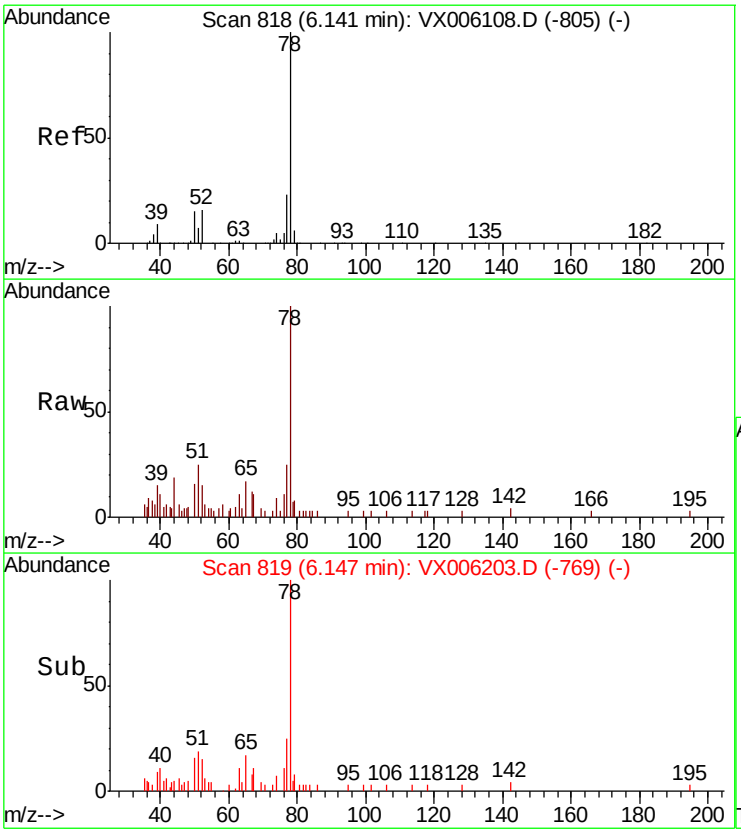
#38
Carbon Tetrachloride
Concen: 7.346 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 25295

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.3	114.5#
121	0.0	24.7	37.1#

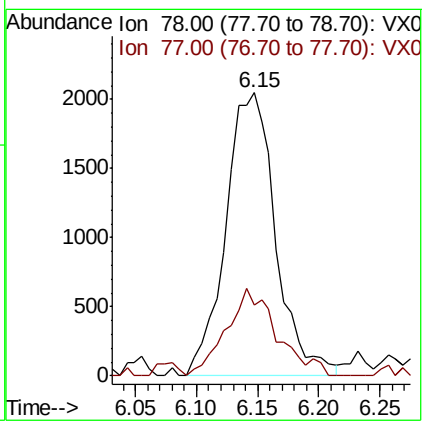


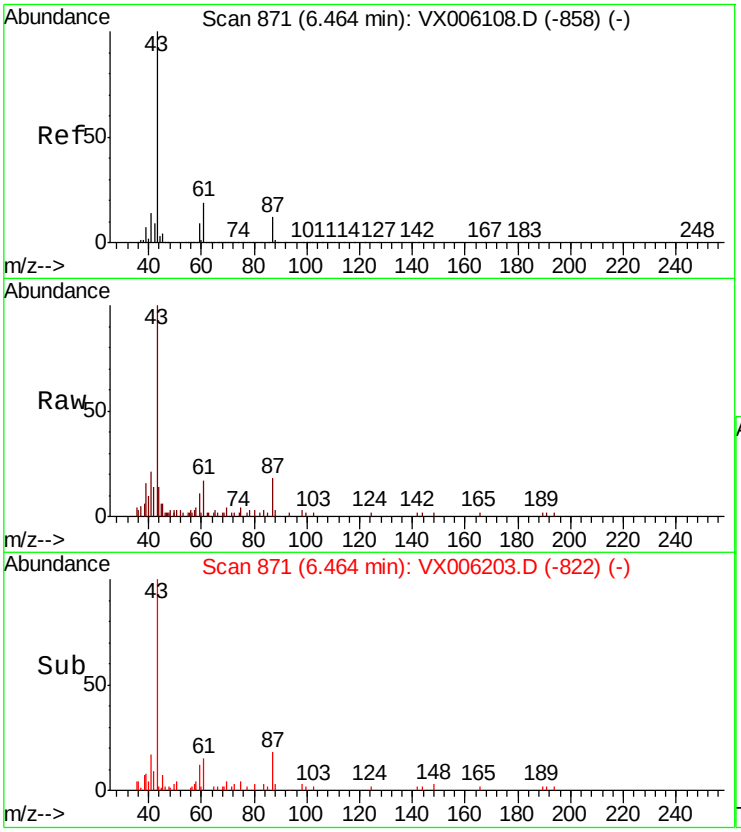


#40
Benzene
Concen: 0.538 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 78 Resp: 5807

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.8	28.2



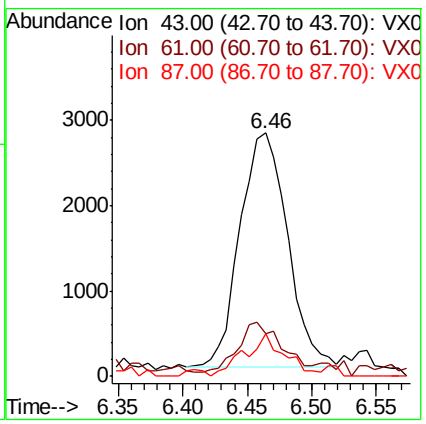


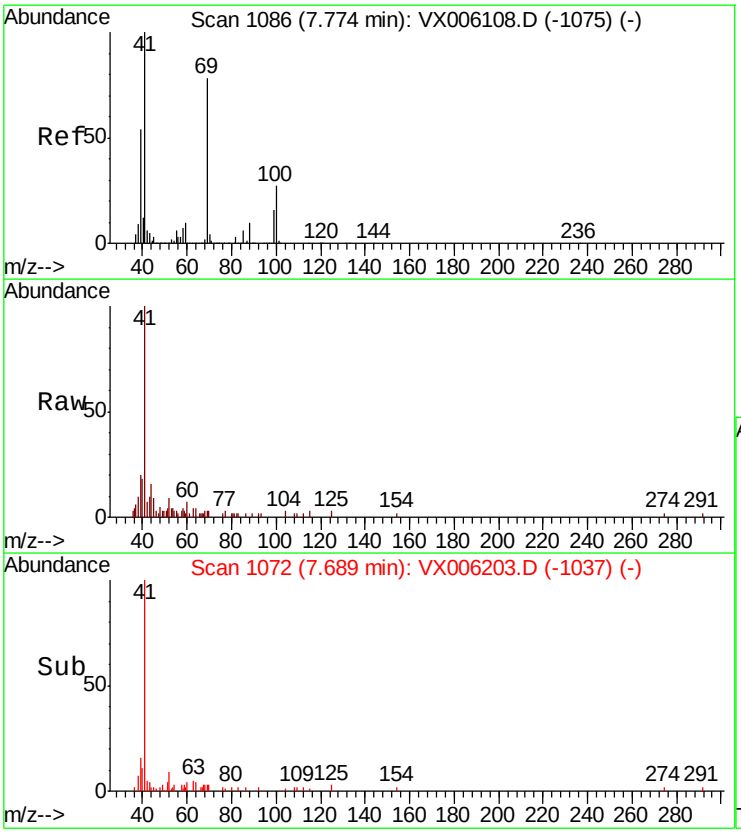
#43
Isopropyl Acetate
Concen: 1.035 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7042

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	15.3	9.6	14.4#

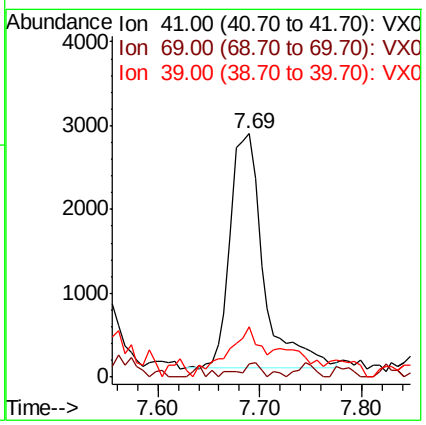


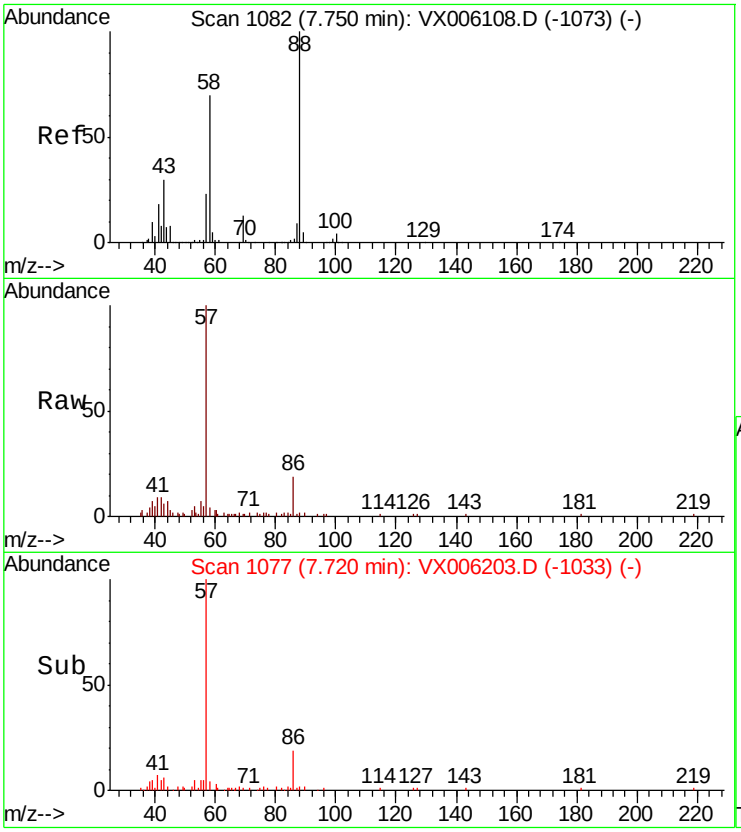


#48
Methyl methacrylate
Concen: 1.846 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 41 Resp: 6374

Ion	Ratio	Lower	Upper
41	100		
69	3.8	62.8	94.2#
39	21.1	43.8	65.6#



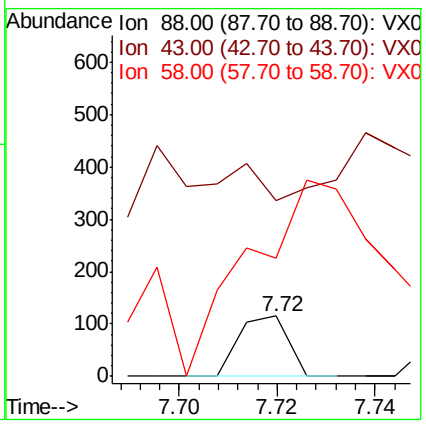


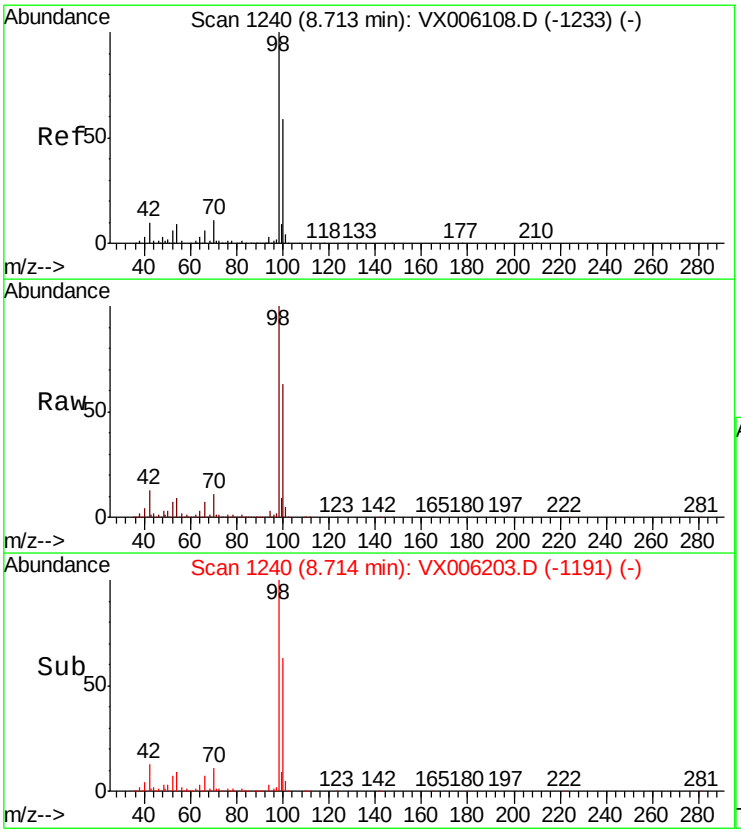
#49
1,4-Dioxane
Concen: 0.977 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.03 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.7	40.1#
58	1000.0	58.5	87.7#

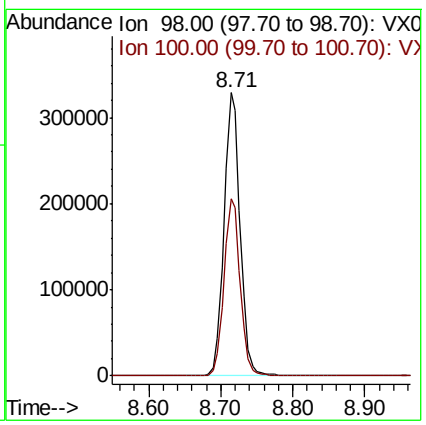


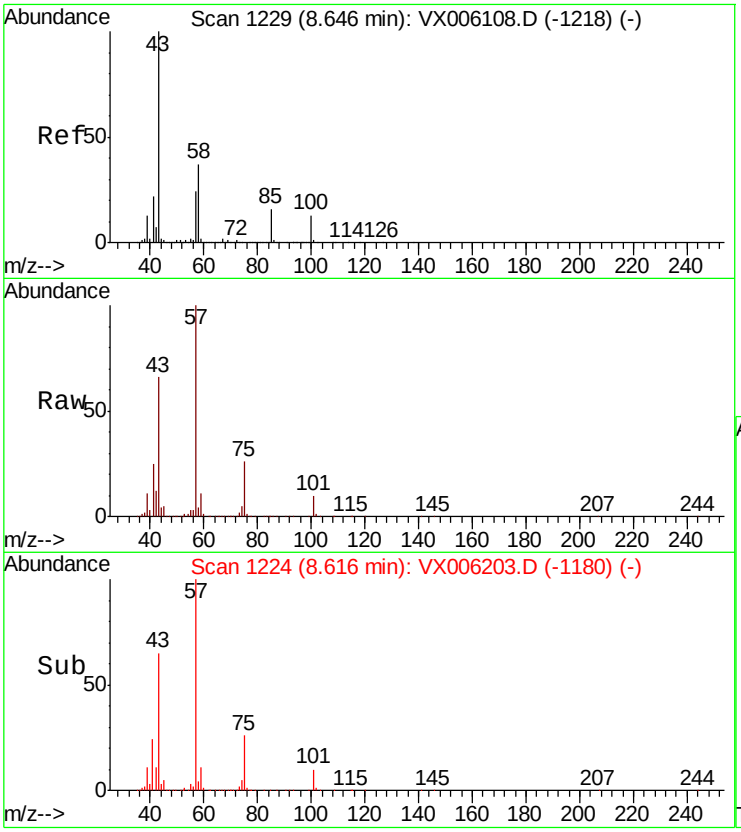


#50
Toluene-d8
Concen: 52.197 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 98 Resp: 514632

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.0	76.4



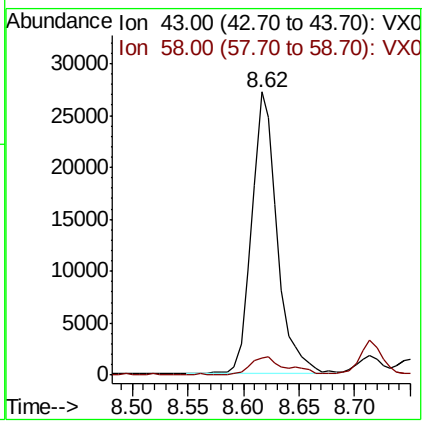


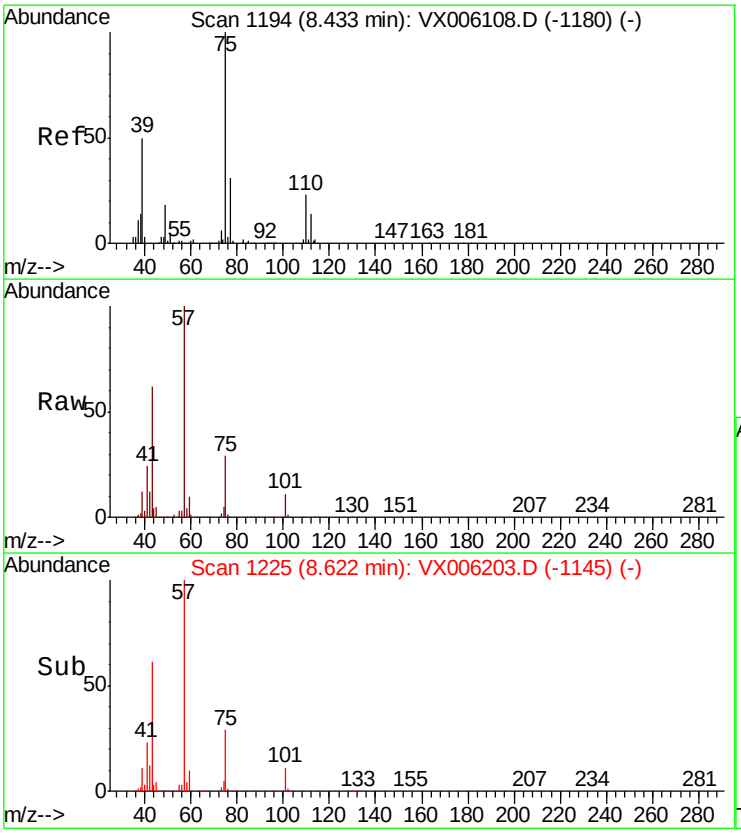
#51
4-Methyl-2-Pentanone
Concen: 8.864 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 43253

Ion	Ratio	Lower	Upper
43	100		
58	9.7	29.9	44.9#

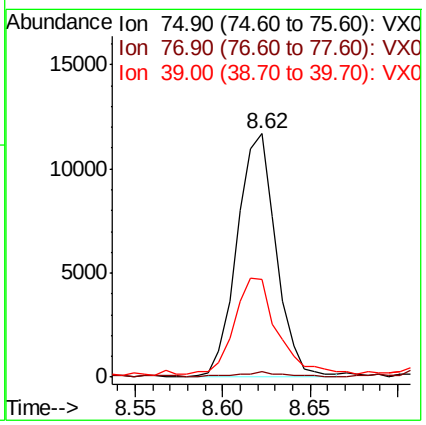


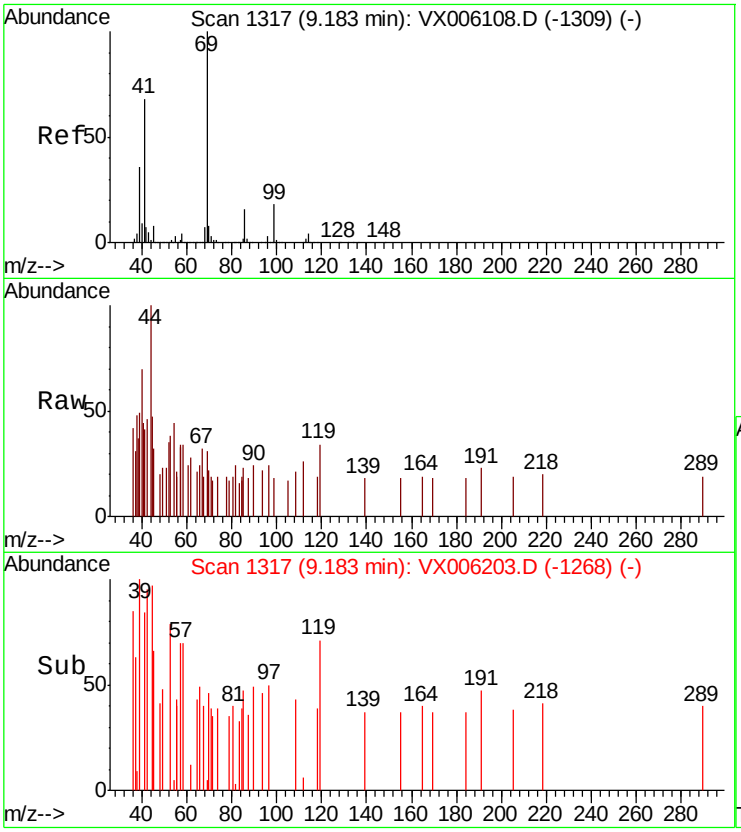


#54
cis-1,3-Dichloropropene
Concen: 4.355 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 75 Resp: 18175

Ion	Ratio	Lower	Upper
75	100		
77	2.0	24.7	37.1#
39	39.1	40.3	60.5#



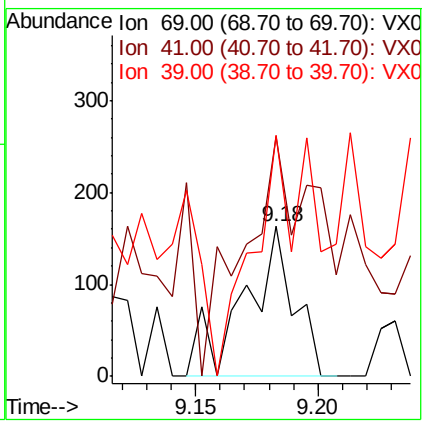


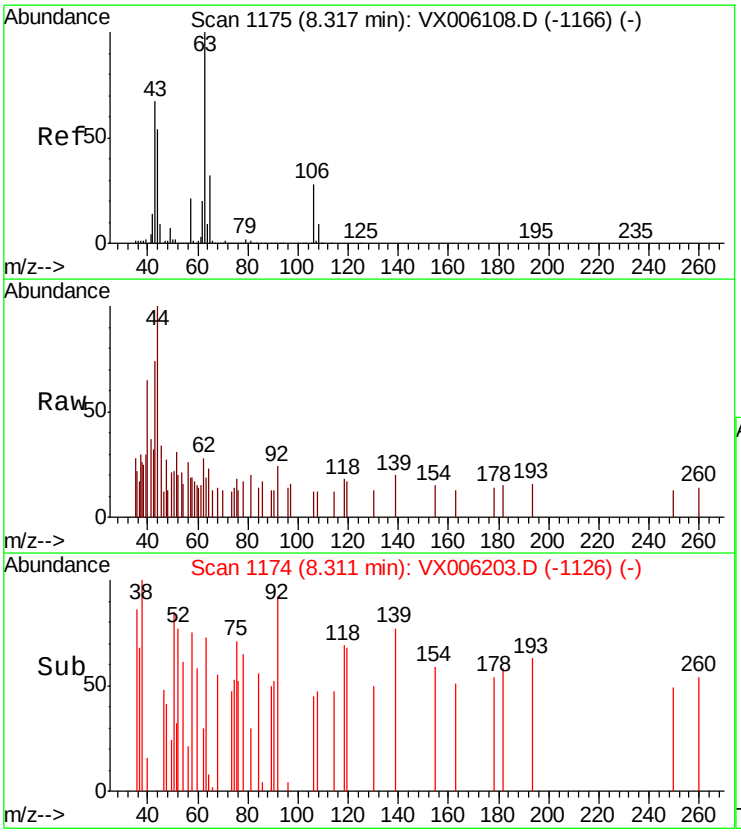
#56
Ethyl methacrylate
Concen: 2.913 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 228

Ion	Ratio	Lower	Upper
69	100		
41	315.4	56.2	84.4#
39	184.6	29.4	44.0#

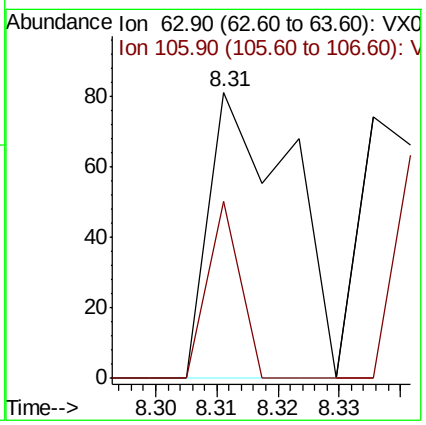


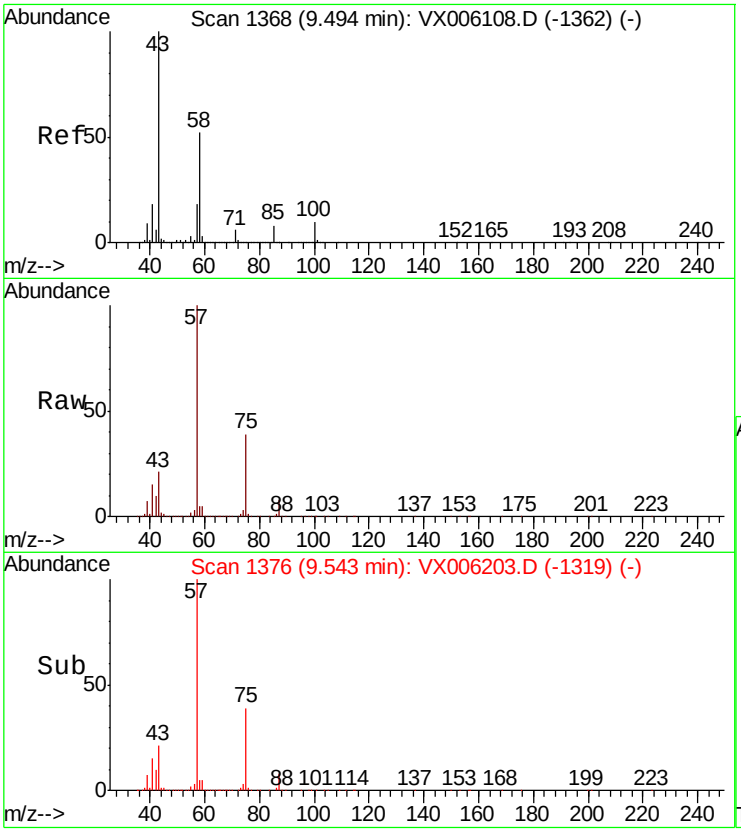


#58
2-Chloroethyl Vinyl ether
Concen: 6.751 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 63 Resp: 75

Ion	Ratio	Lower	Upper
63	100		
106	24.0	21.7	32.5



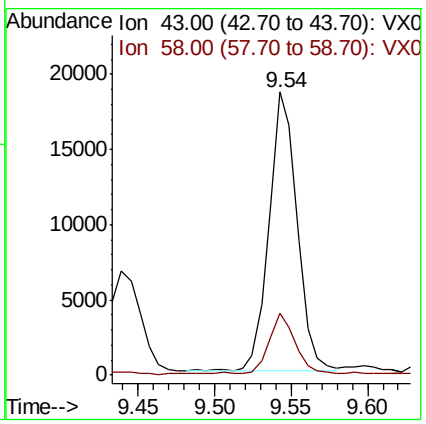


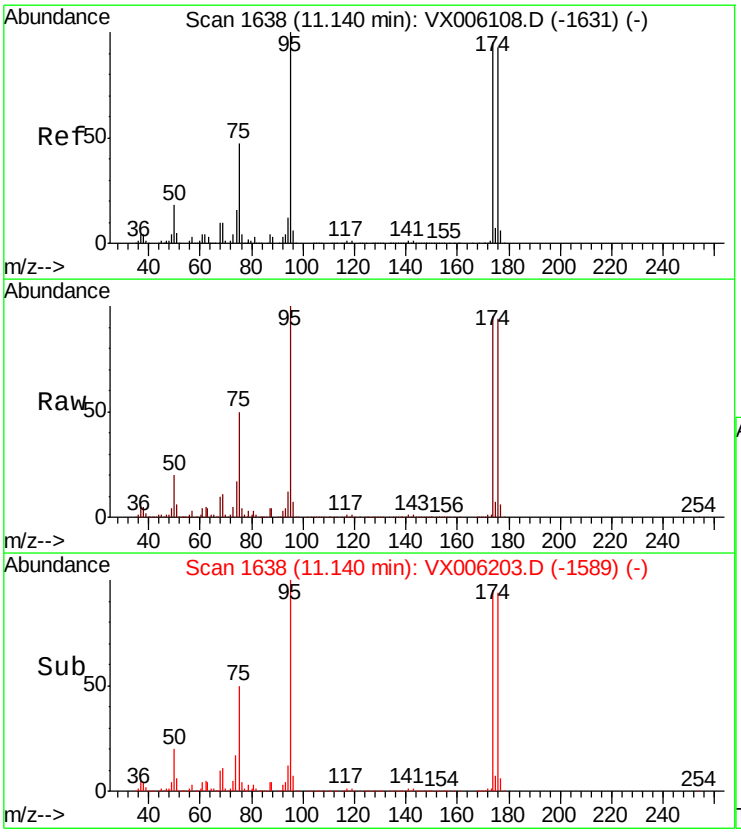
#59
2-Hexanone
Concen: 6.146 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23800

Ion	Ratio	Lower	Upper
43	100		
58	20.5	26.3	78.9#

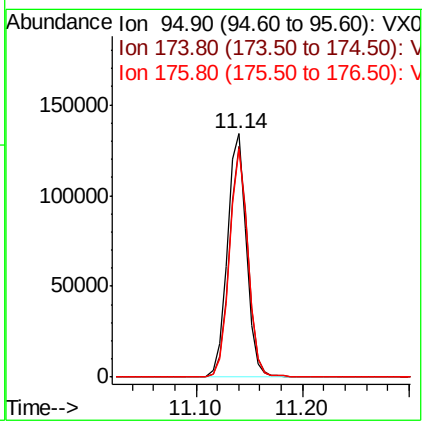


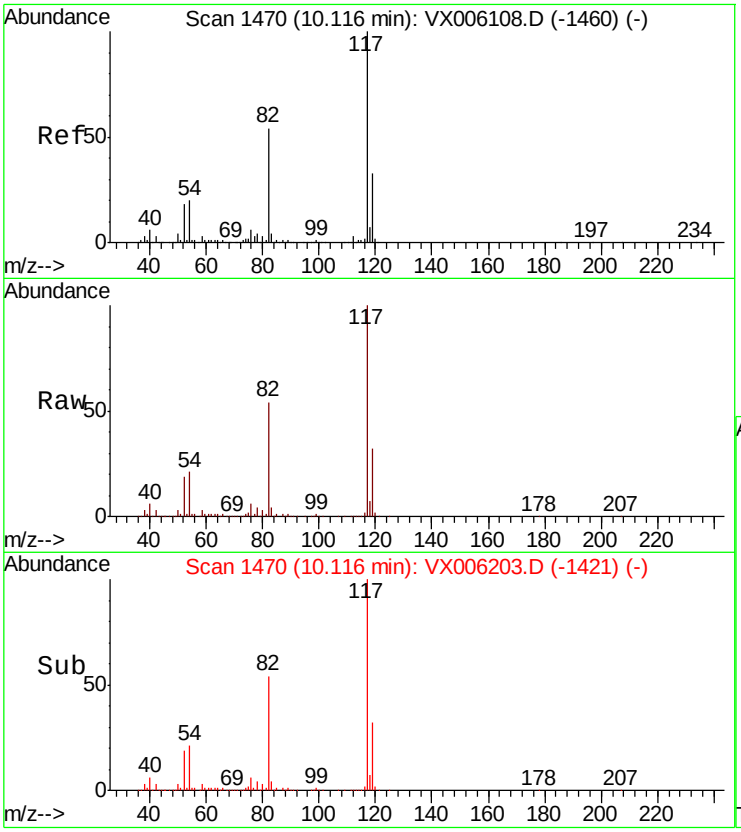


#62
4-Bromofluorobenzene
Concen: 45.799 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 95 Resp: 169422

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	184.4
176	90.6	0.0	179.0



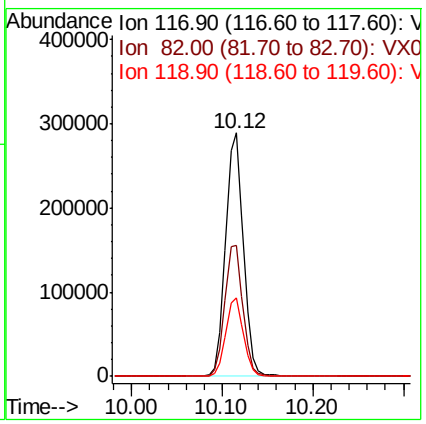


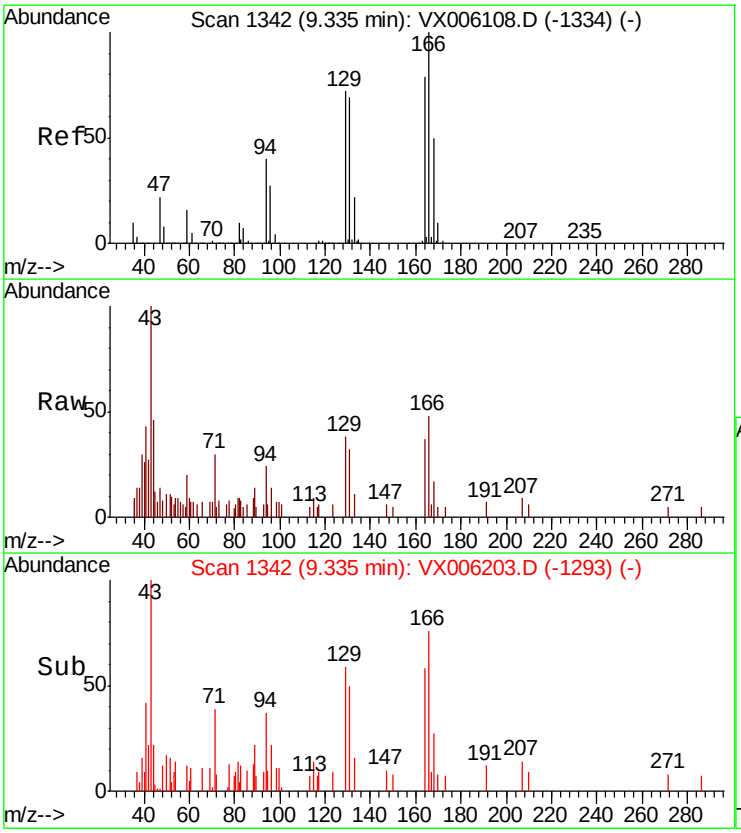
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 393779

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	32.2	26.1	39.1

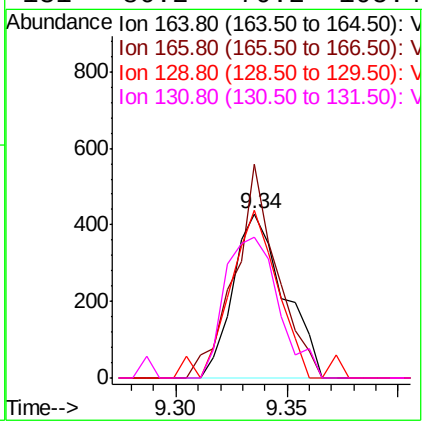


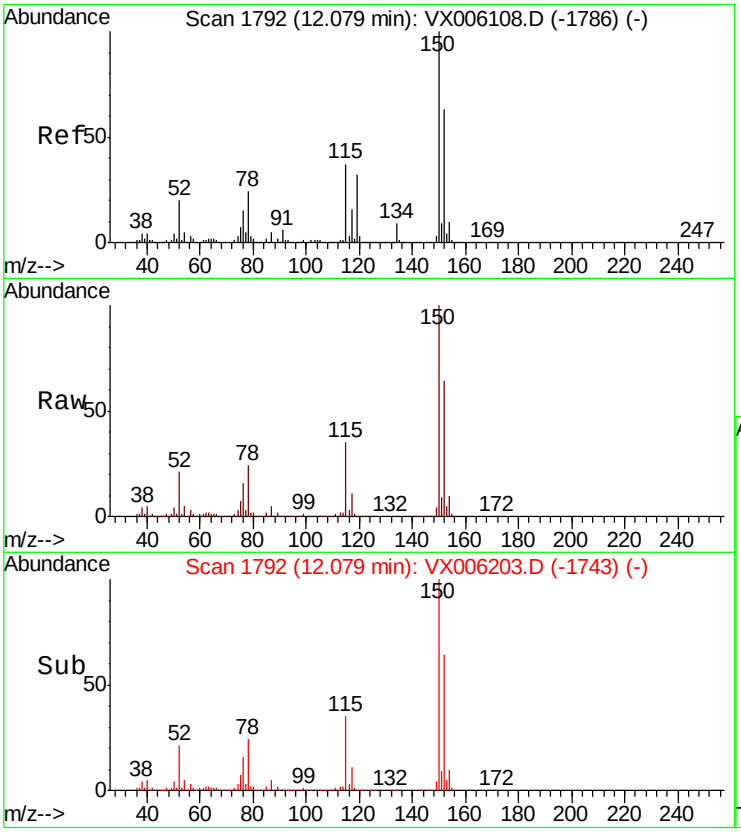


#64
Tetrachloroethene
Concen: 0.211 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion:164 Resp: 684

Ion	Ratio	Lower	Upper
164	100		
166	130.4	101.5	152.3
129	89.0	73.4	110.0
131	86.2	70.2	105.4



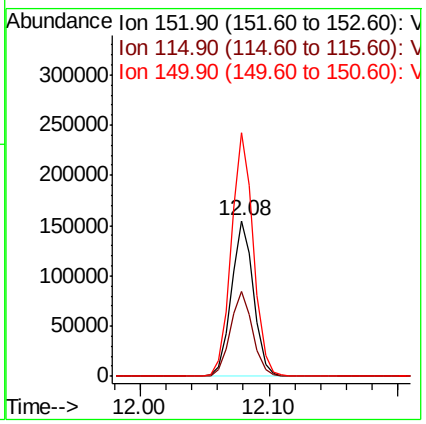


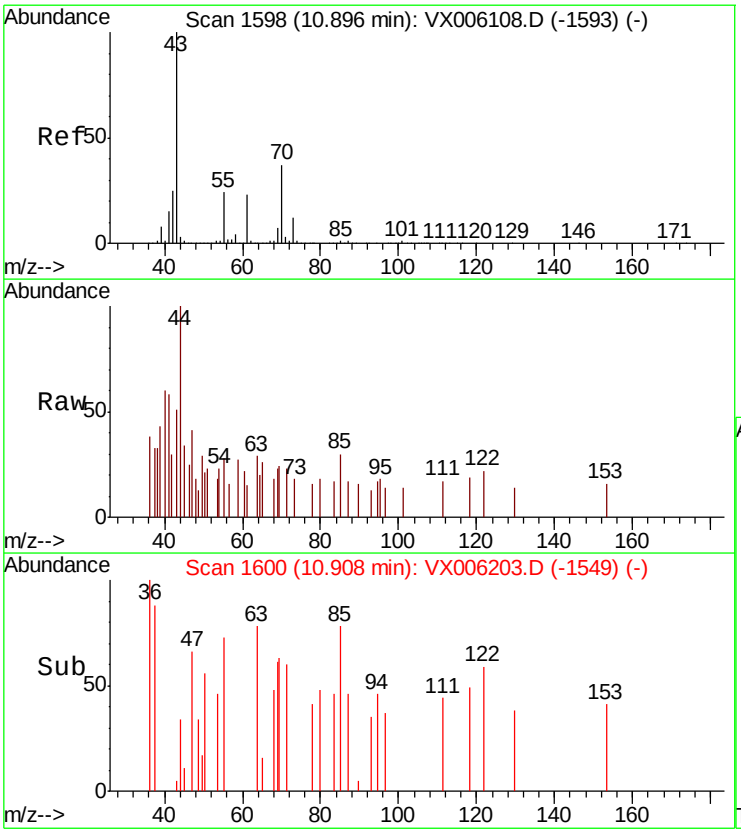
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 185275

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	116.9
150	156.4	0.0	346.6

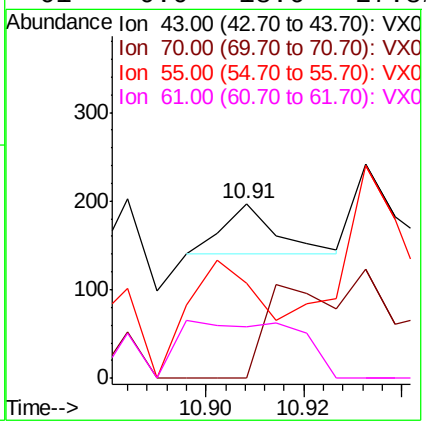


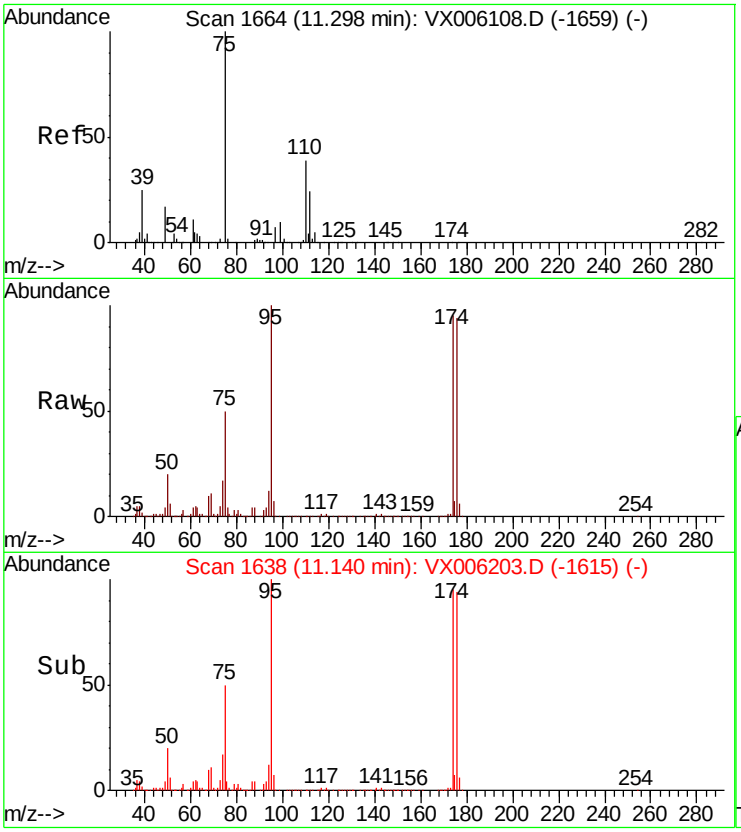


#74
N-amyl acetate
Concen: 2.200 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
70	237.2	31.8	47.6#
55	330.2	19.5	29.3#
61	0.0	18.6	27.8#



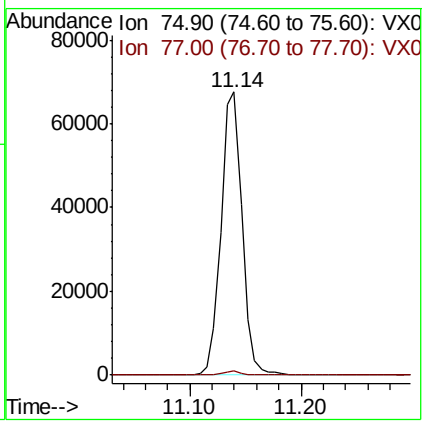


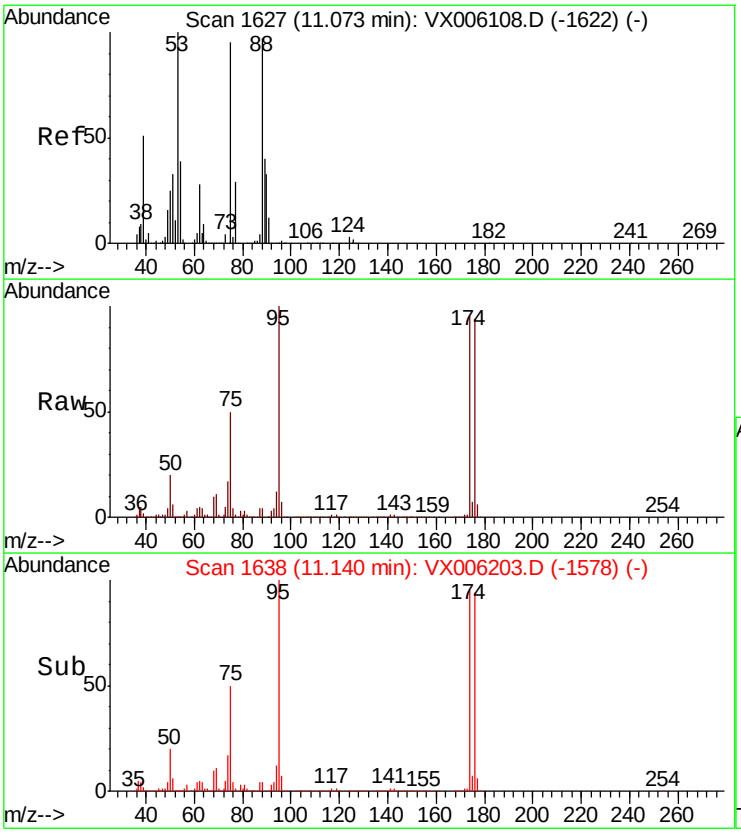
#76
1,2,3-Trichloropropane
Concen: 23.121 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 88192

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.6	58.7#

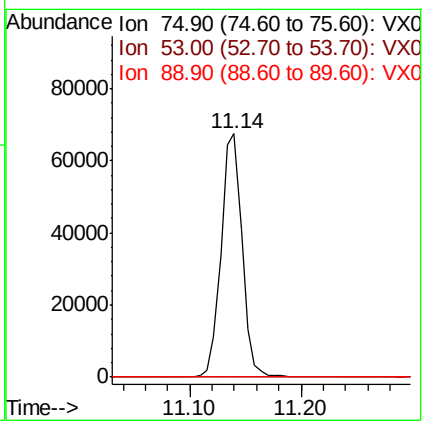


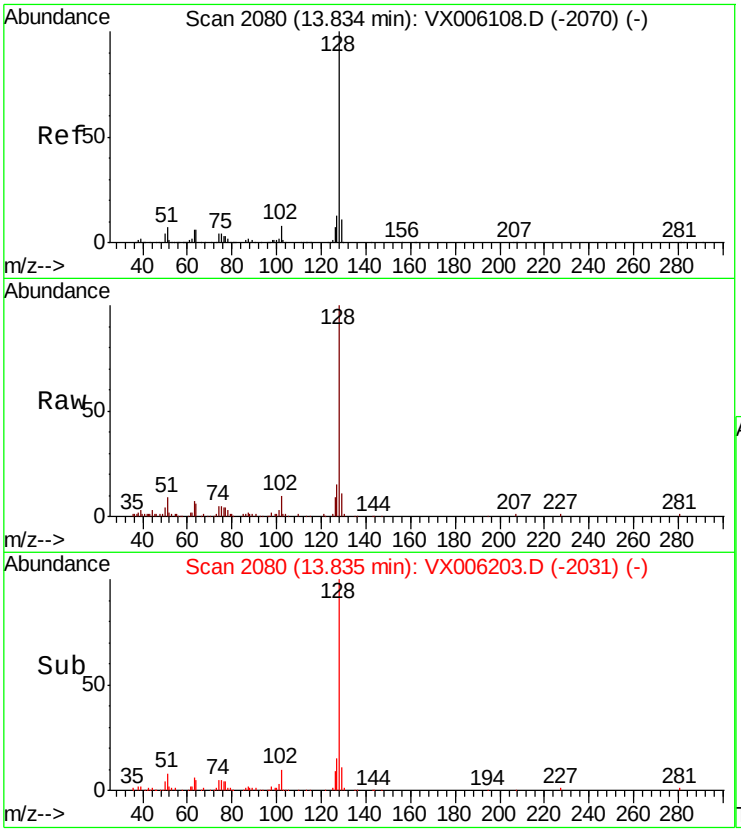


#81
trans-1,4-Dichloro-2-butene
Concen: 78.199 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 75 Resp: 88192

Ion	Ratio	Lower	Upper
75	100		
53	0.3	85.3	127.9#
89	0.2	37.2	55.8#





#95
Naphthalene
Concen: 1.567 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 19218

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.6	15.8
129	11.6	8.8	13.2