Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006181.D
Acq On : 26 Nov 2018 17:51
Operator : JC/MD
Sample : PB115023TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 27 02:30:24 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	313287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	460820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199290	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.80%			
35) Dibromofluoromethane	5.50	113	160097	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.46%			
50) Toluene-d8	8.71	98	607709	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.96%			
62) 4-Bromofluorobenzene	11.14	95	204177	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.98%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	632	0.215	ug/l #	58
5) Bromomethane	1.65	94	635	3.970	ug/l #	33
6) Chloroethane	1.75	64	420	Below Cal	#	43
8) Diethyl Ether	2.18	74	642	0.388	ug/l	52
11) Tert butyl alcohol	3.03	59	1965	2.545	ug/l	96
13) Acrolein	2.30	56	142	0.307	ug/l #	1
16) Acetone	2.45	43	11929	7.405	ug/l	99
17) Carbon Disulfide	2.57	76	2110	0.345	ug/l #	51
18) Methyl Acetate	2.78	43	1953	0.473	ug/l #	82
20) Methylene Chloride	2.86	84	11186	4.269	ug/l	93
25) 2-Butanone	4.70	43	2461	0.823	ug/l #	84
29) Tetrahydrofuran	5.16	42	469	0.251	ug/l #	61
36) 1,1-Dichloropropene	5.67	75	22029	5.120	ug/l #	51
38) Carbon Tetrachloride	5.66	117	29282	7.240	ug/l #	17
43) Isopropyl Acetate	6.46	43	20332	2.543	ug/l	98
48) Methyl methacrylate	7.68	41	9954	2.455	ug/l #	16
49) 1,4-Dioxane	7.75	88	23	0.239	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	97252	16.968	ug/l #	50
52) Toluene	8.79	92	1617	0.206	ug/l	93
54) cis-1,3-Dichloropropene	8.62	75	42165	8.601	ug/l #	64
56) Ethyl methacrylate	9.19	69	112	2.885	ug/l #	23
57) 1,3-Dichloropropane	9.54	76	11131	1.989	ug/l #	45
58) 2-Chloroethyl Vinyl ether	8.32	63	101	6.755	ug/l #	48
59) 2-Hexanone	9.54	43	166495	36.604	ug/l #	51
74) N-amyl acetate	10.69	43	14047	4.210	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	103510	23.298	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	7555	0.686	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	103510	78.799	ug/l #	7

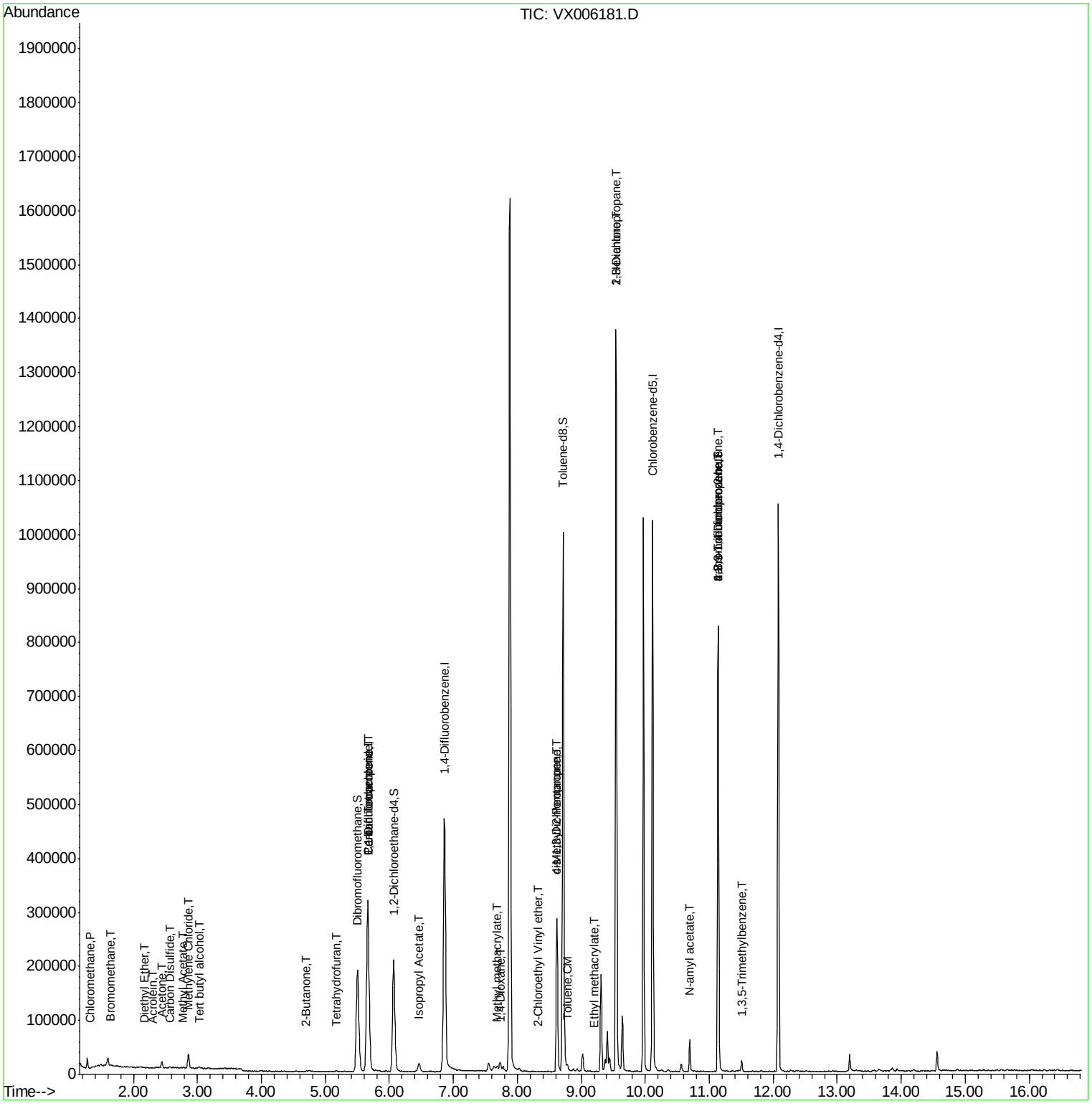
(#) = qualifier out of range (m) = manual integration (+) = signals summed

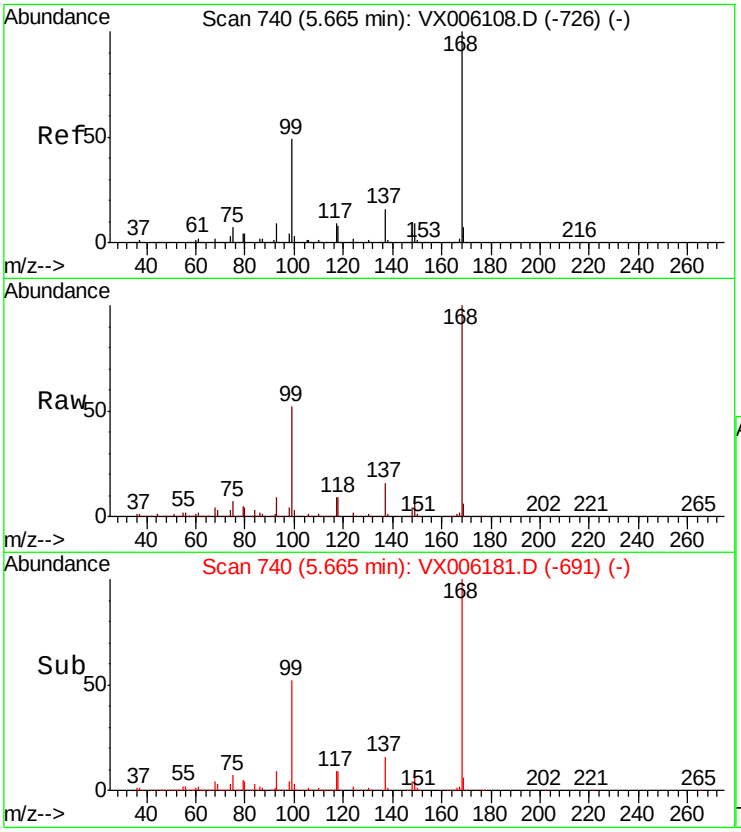
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006181.D
Acq On : 26 Nov 2018 17:51
Operator : JC/MD
Sample : PB115023TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 27 02:30:24 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



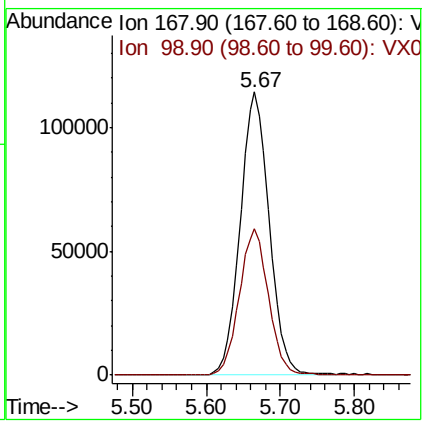


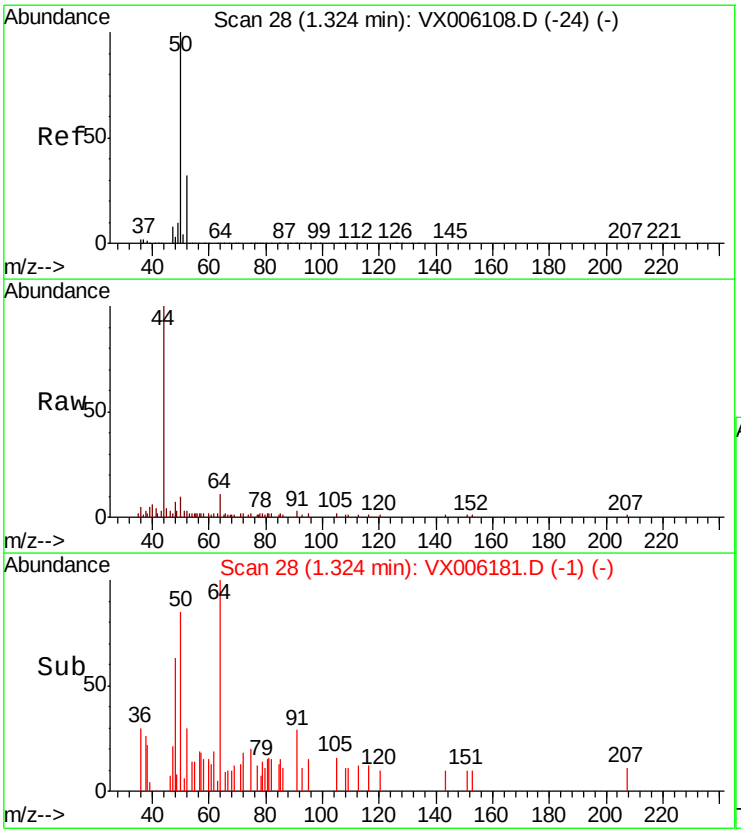
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 313287

Ion	Ratio	Lower	Upper
168	100		
99	51.6	39.2	58.8

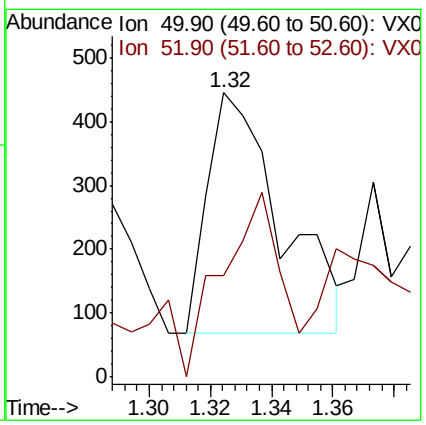


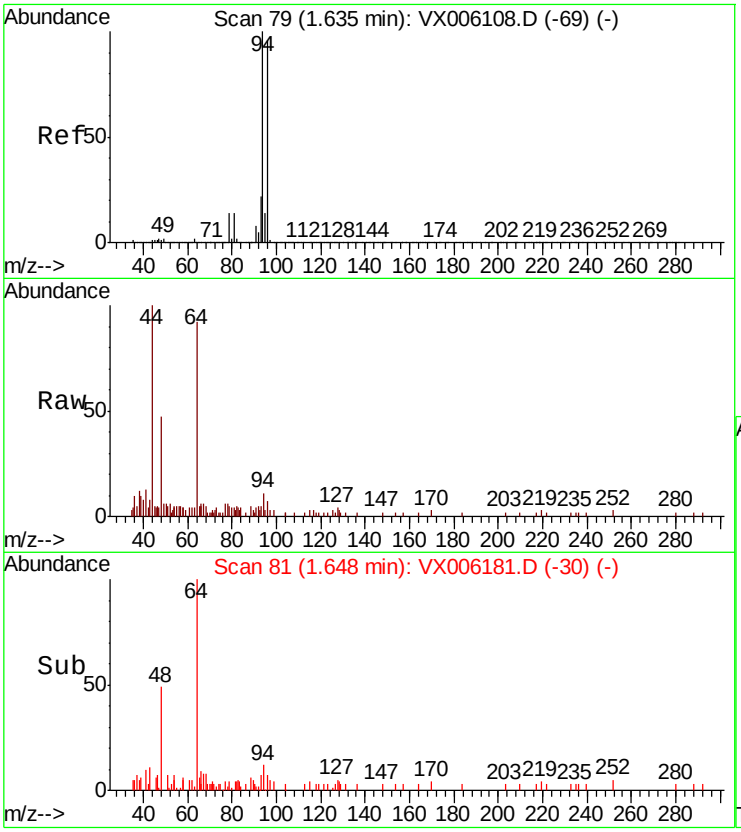


#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 50 Resp: 632

Ion	Ratio	Lower	Upper
50	100		
52	8.7	25.6	38.4#



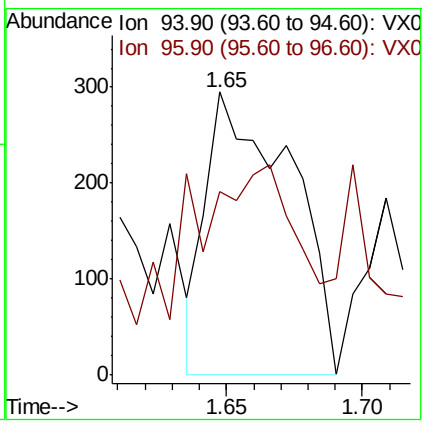


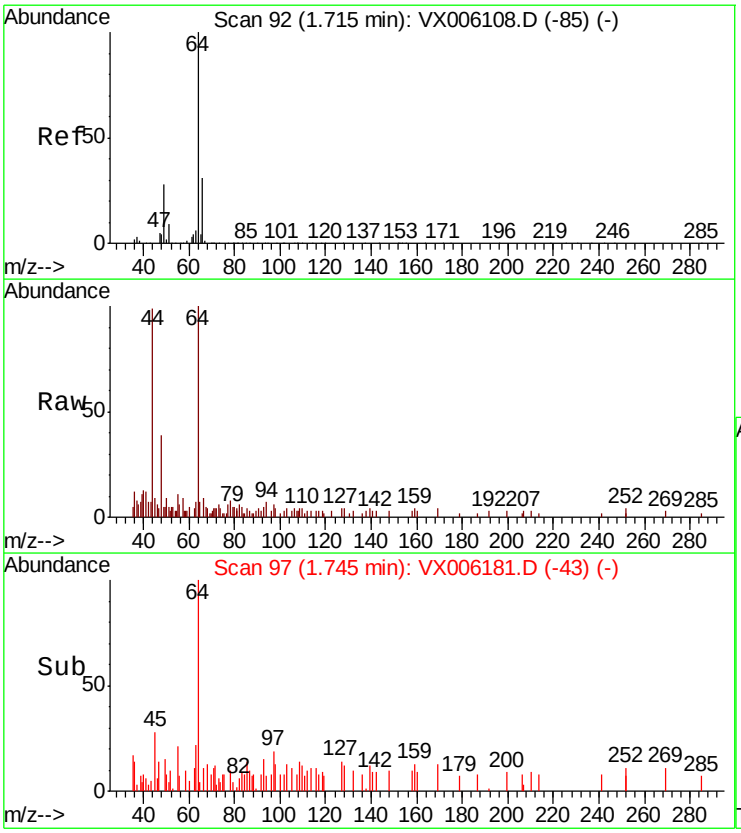
#5
Bromomethane
Concen: 3.970 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 635

Ion	Ratio	Lower	Upper
94	100		
96	30.5	76.7	115.1#

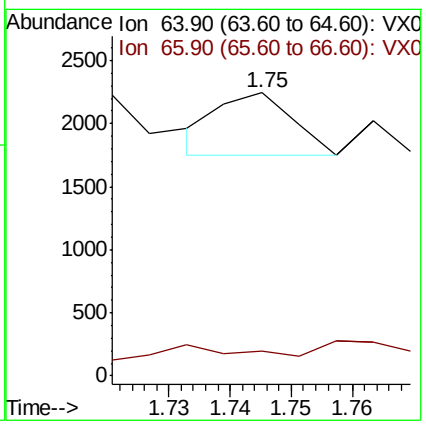


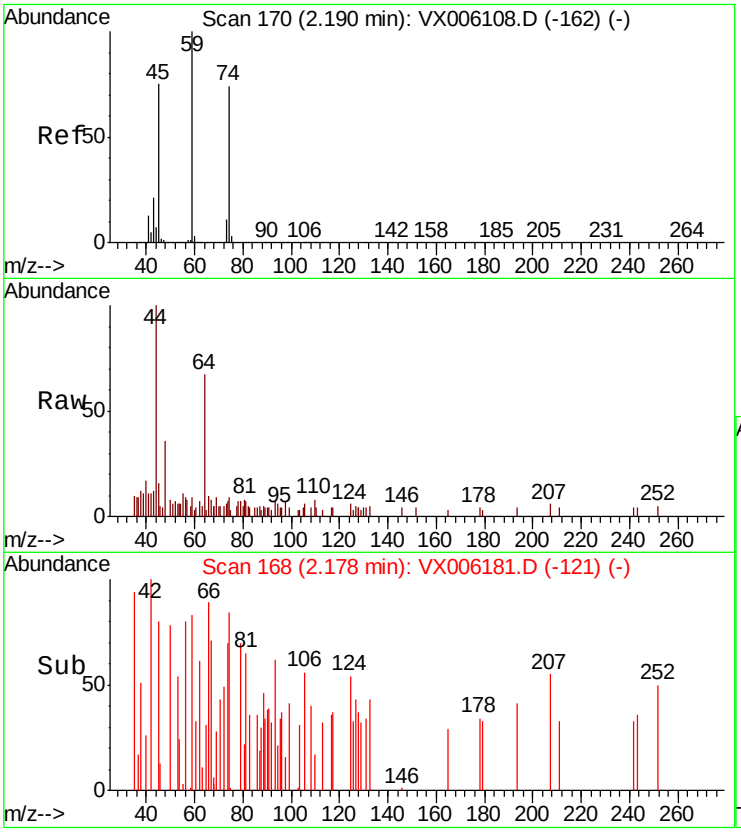


#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 97
Delta R.T. 0.03 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 64 Resp: 420

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



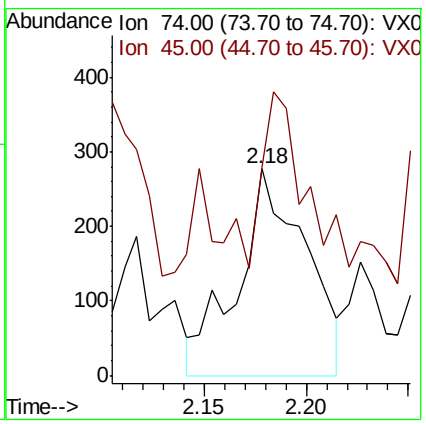


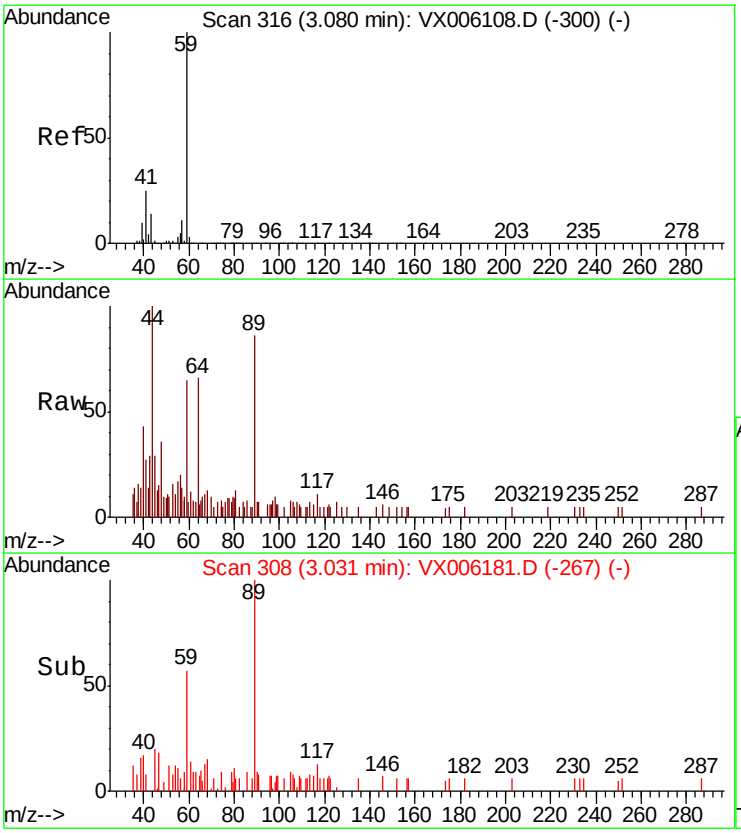
#8
Diethyl Ether
Concen: 0.388 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 642

Ion	Ratio	Lower	Upper
74	100		
45	54.8	52.2	156.6

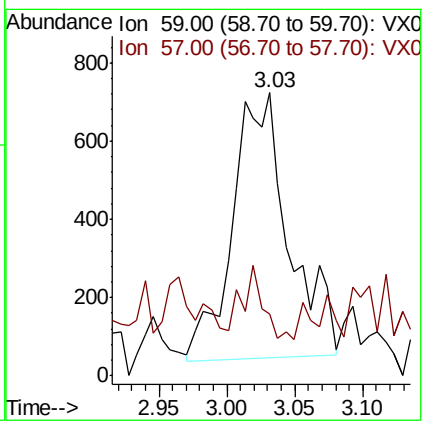


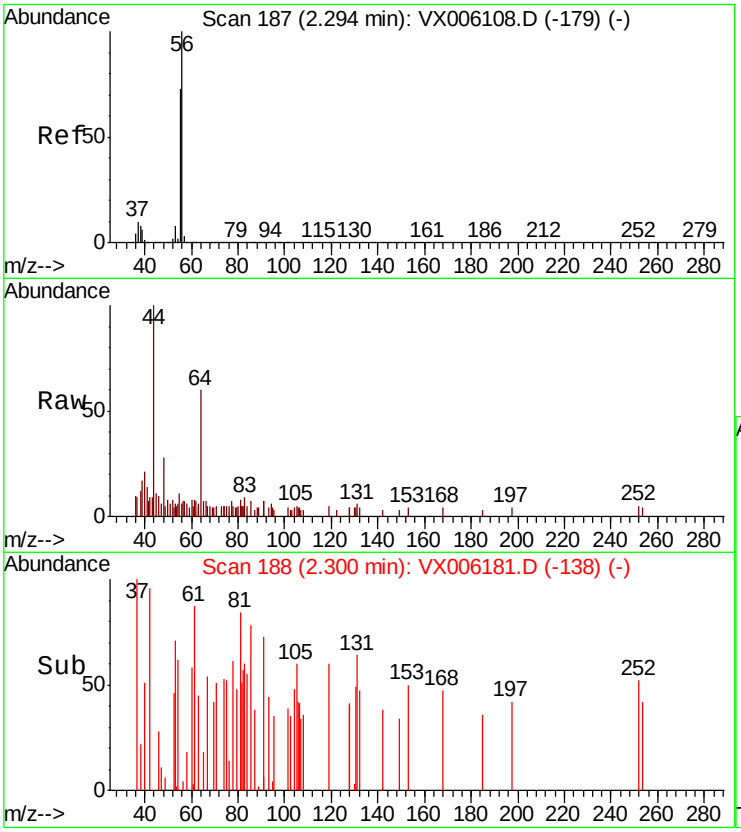


#11
Tert butyl alcohol
Concen: 2.545 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.05 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 59 Resp: 1965

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.7	13.1



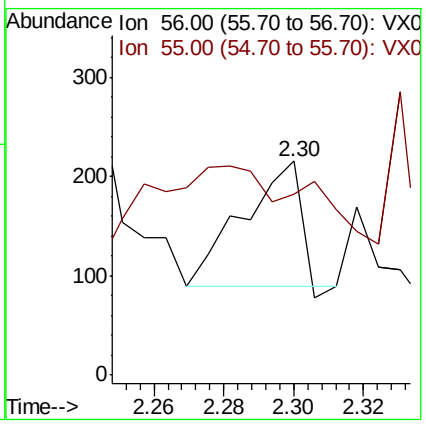


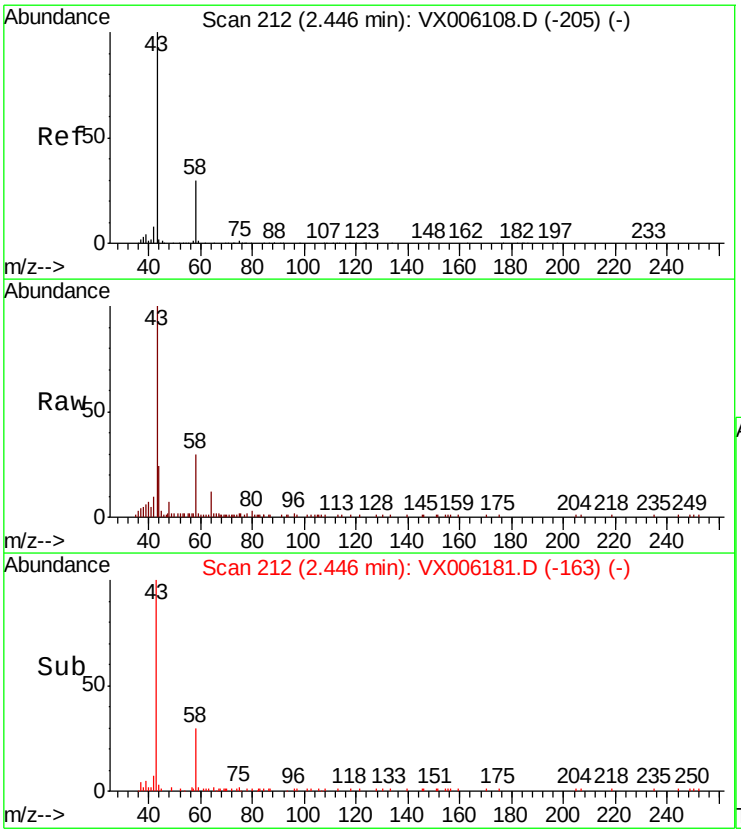
#13
Acrolein
Concen: 0.307 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 142

Ion	Ratio	Lower	Upper
56	100		
55	223.2	57.8	86.6#

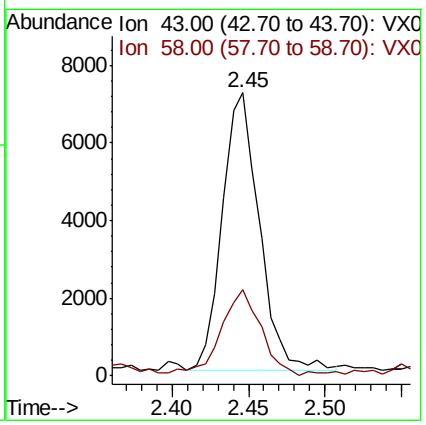


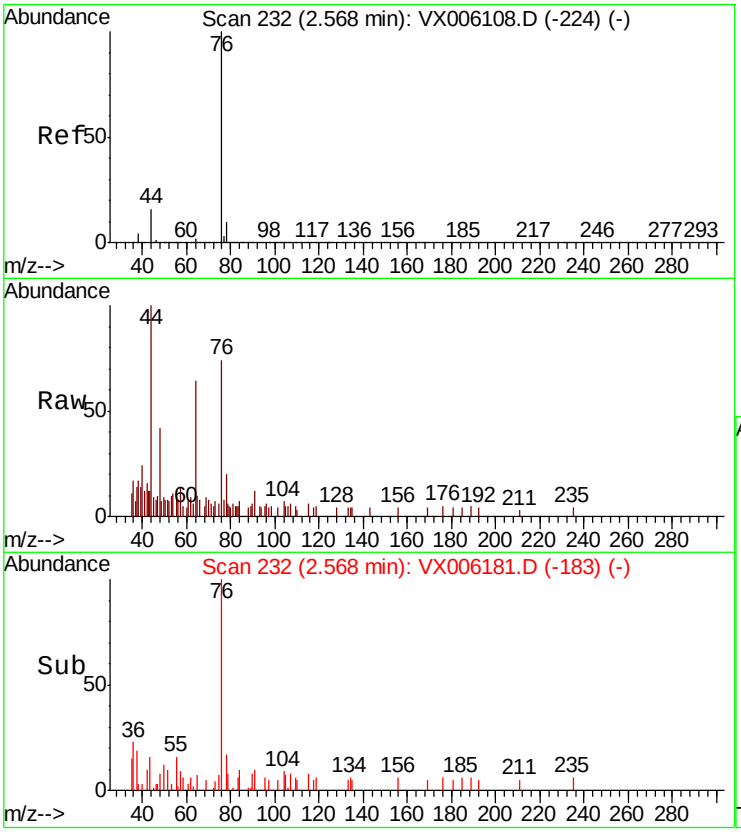


#16
Acetone
Concen: 7.405 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 43 Resp: 11929

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.8	35.8



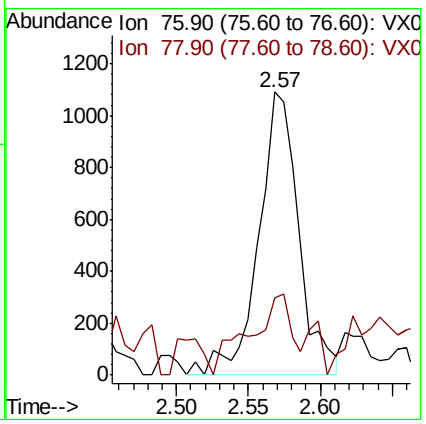


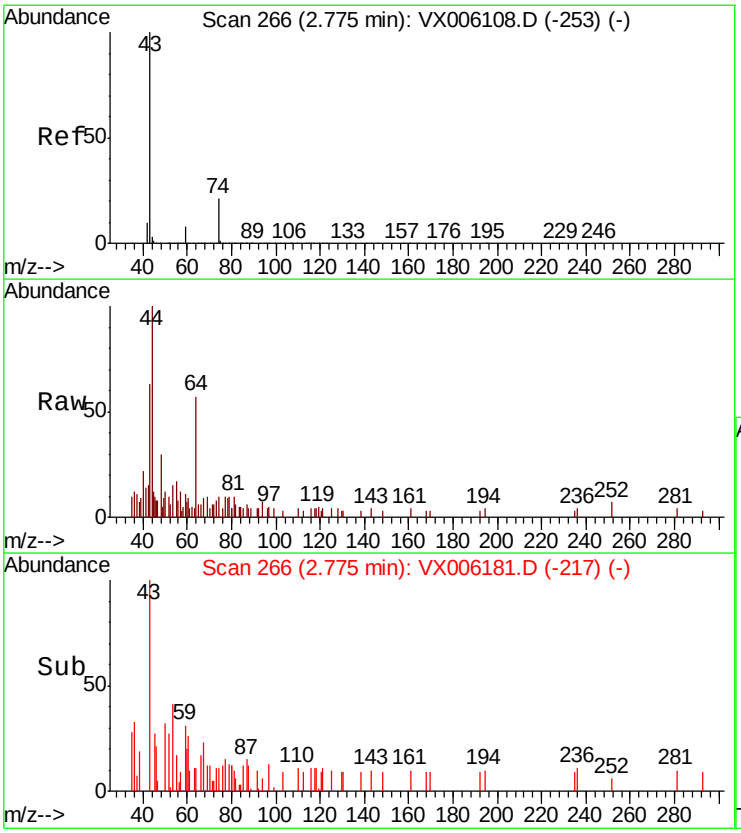
#17
Carbon Disulfide
Concen: 0.345 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 2110

Ion	Ratio	Lower	Upper
76	100		
78	27.6	7.7	11.5#

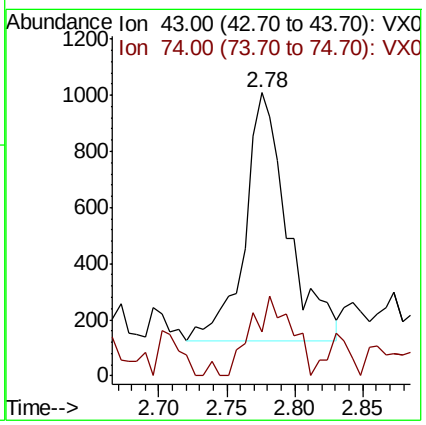


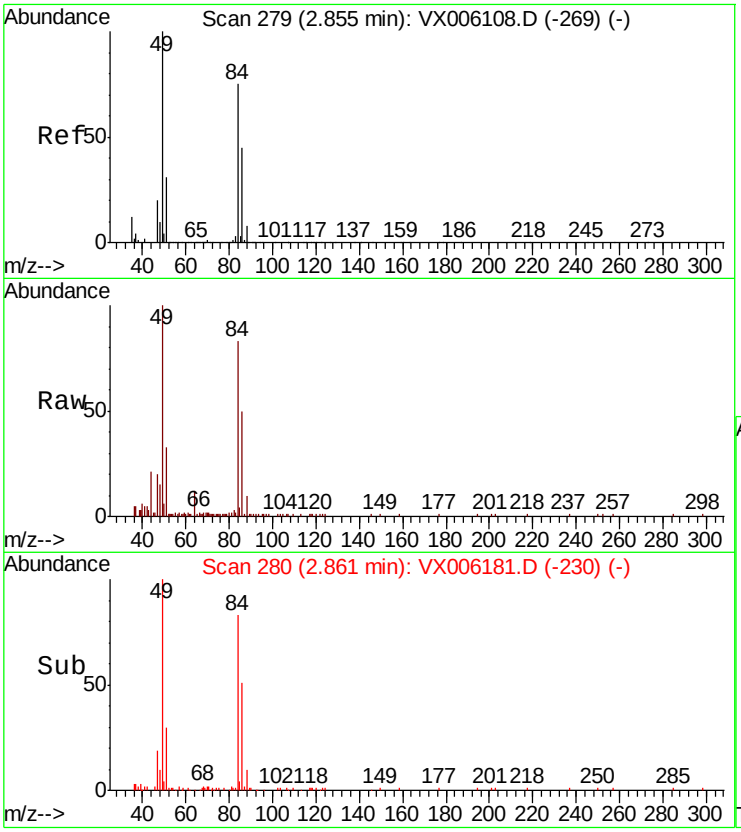


#18
Methyl Acetate
Concen: 0.473 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 43 Resp: 1953

Ion	Ratio	Lower	Upper
43	100		
74	30.0	17.3	25.9#



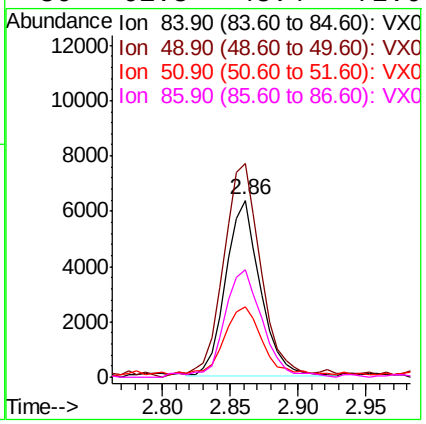


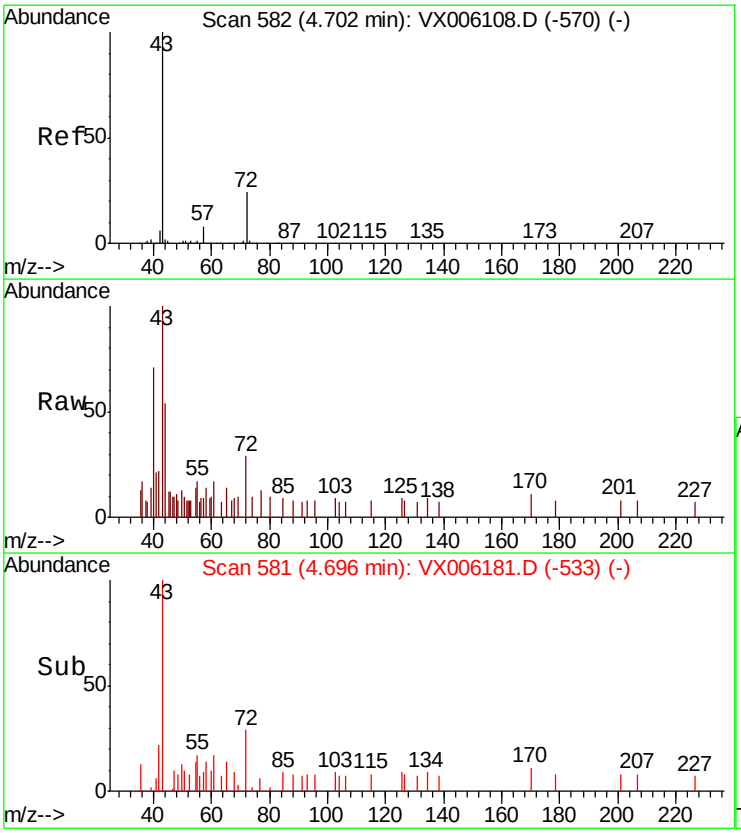
#20
Methylene Chloride
Concen: 4.269 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 11186

Ion	Ratio	Lower	Upper
84	100		
49	120.1	106.6	159.8
51	38.4	32.6	49.0
86	61.3	48.4	72.6

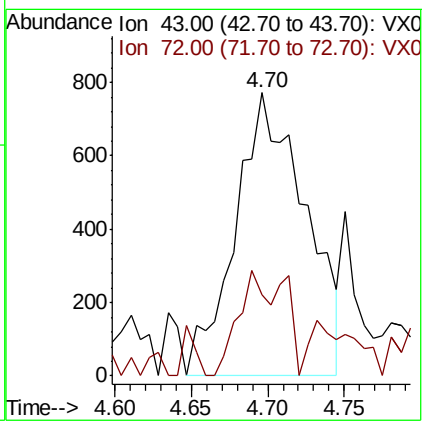


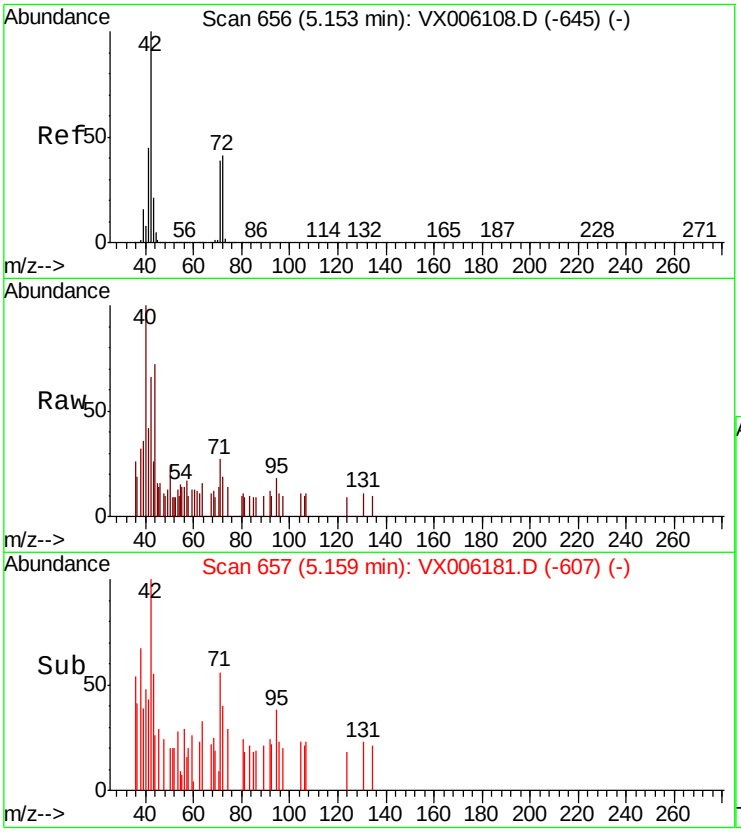


#25
2-Butanone
Concen: 0.823 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 43 Resp: 2461

Ion	Ratio	Lower	Upper
43	100		
72	16.1	19.2	28.8#



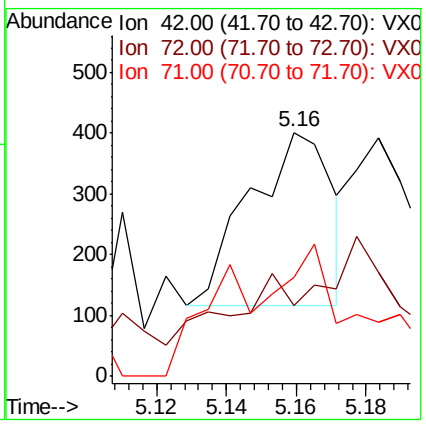


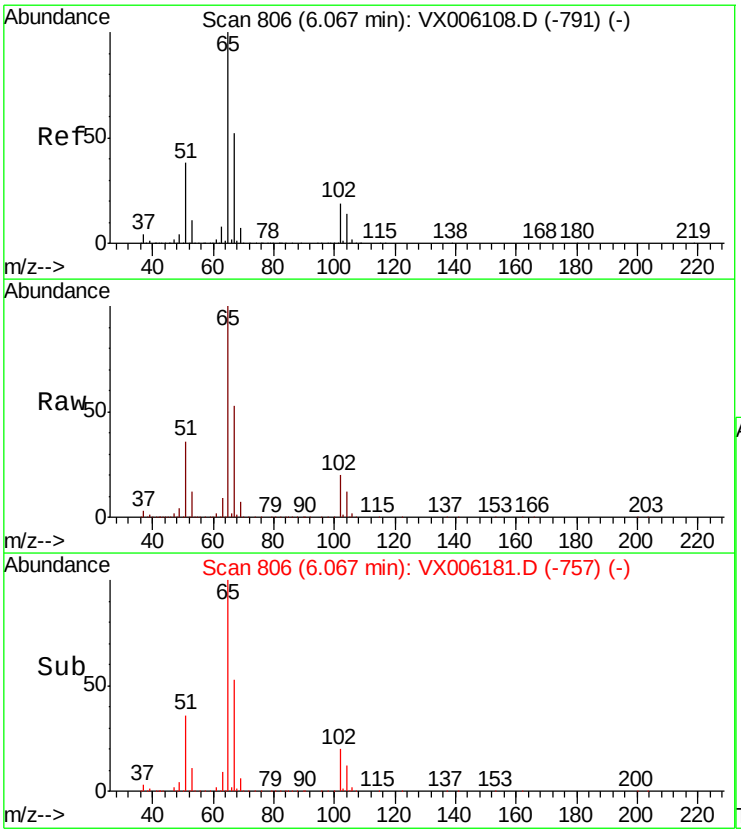
#29
Tetrahydrofuran
Concen: 0.251 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 469

Ion	Ratio	Lower	Upper
42	100		
72	29.2	33.0	49.6#
71	74.6	31.0	46.4#

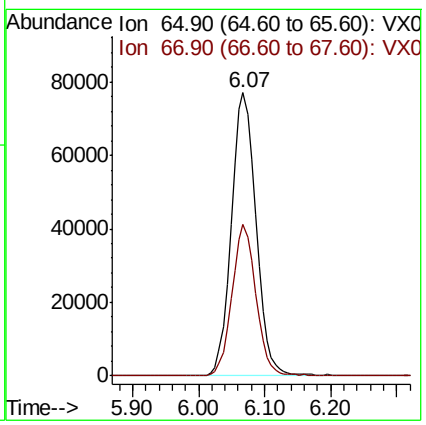


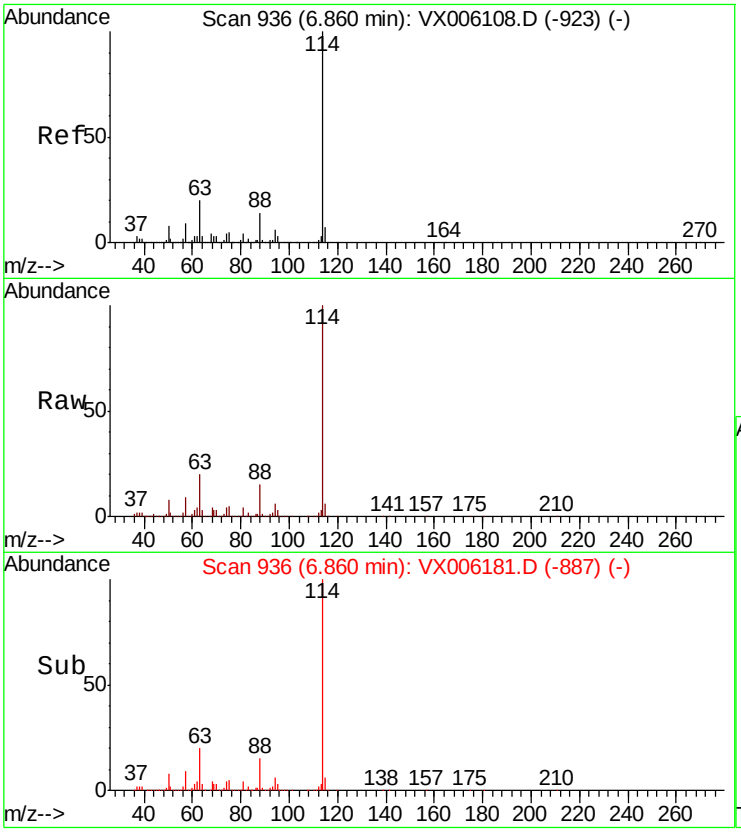


#33
1,2-Dichloroethane-d4
Concen: 54.898 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 65 Resp: 199290

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.8



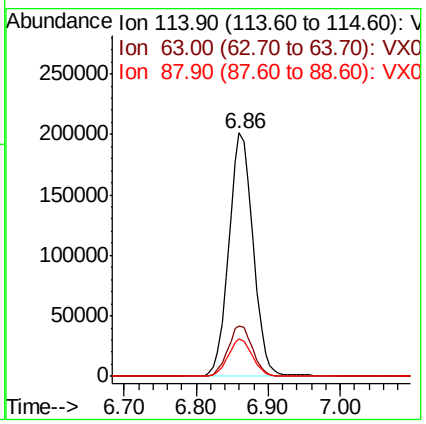


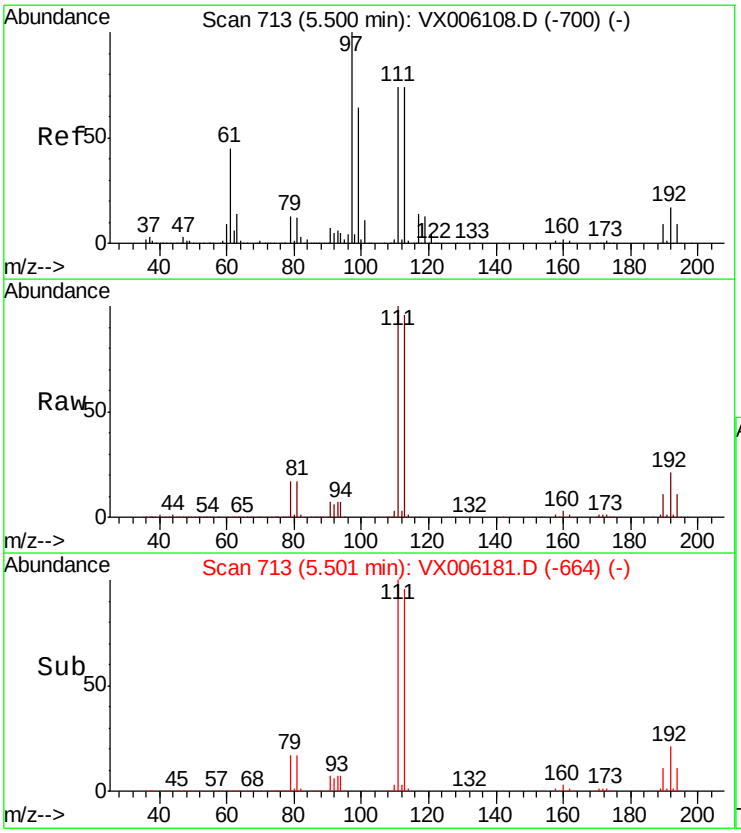
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 472974

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.2
88	15.3	0.0	28.6

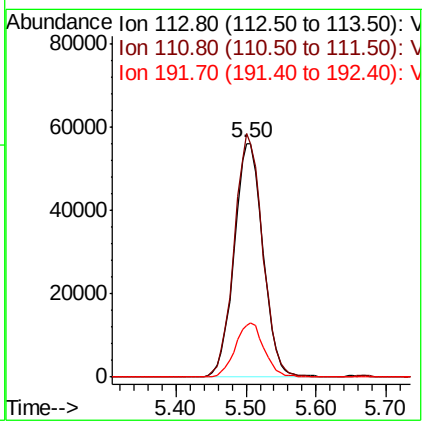


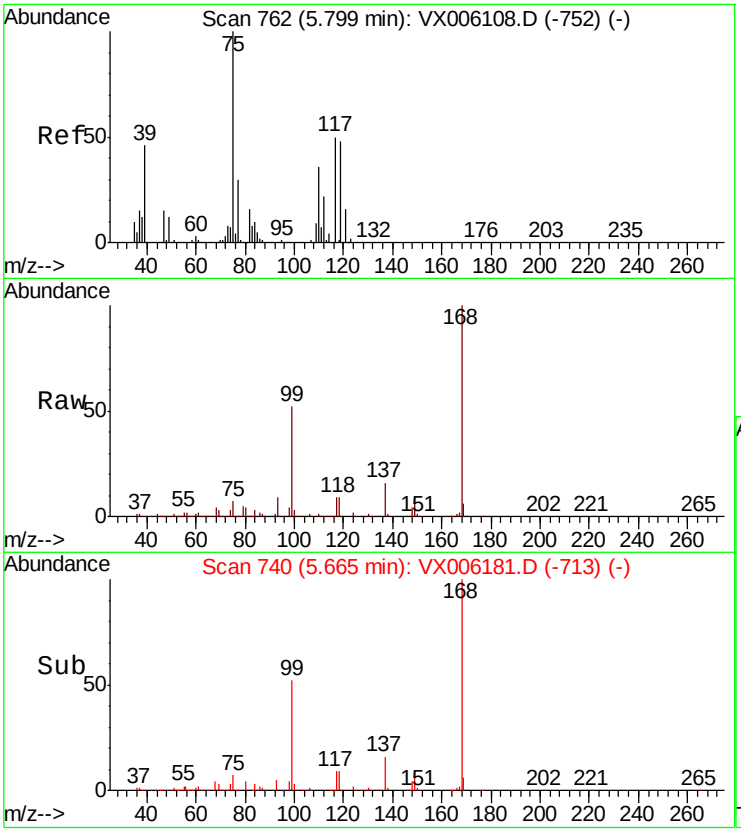


#35
Dibromofluoromethane
Concen: 52.731 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion:113 Resp: 160097

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	23.1	18.6	28.0



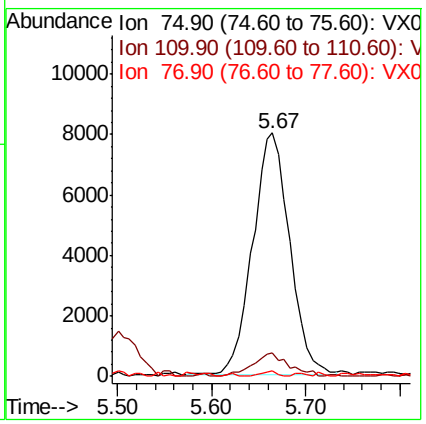


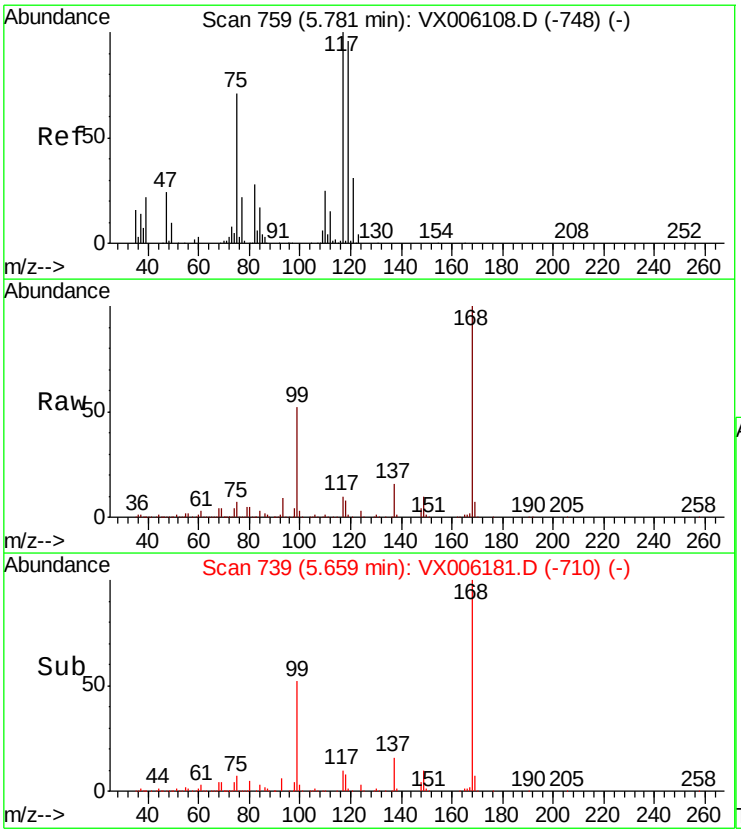
#36
1,1-Dichloropropene
Concen: 5.120 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 22029

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.8	53.3#
77	0.9	24.5	36.7#

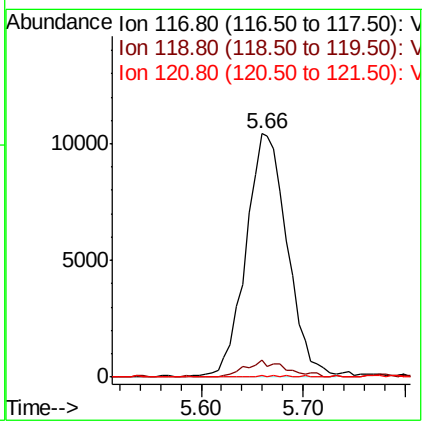


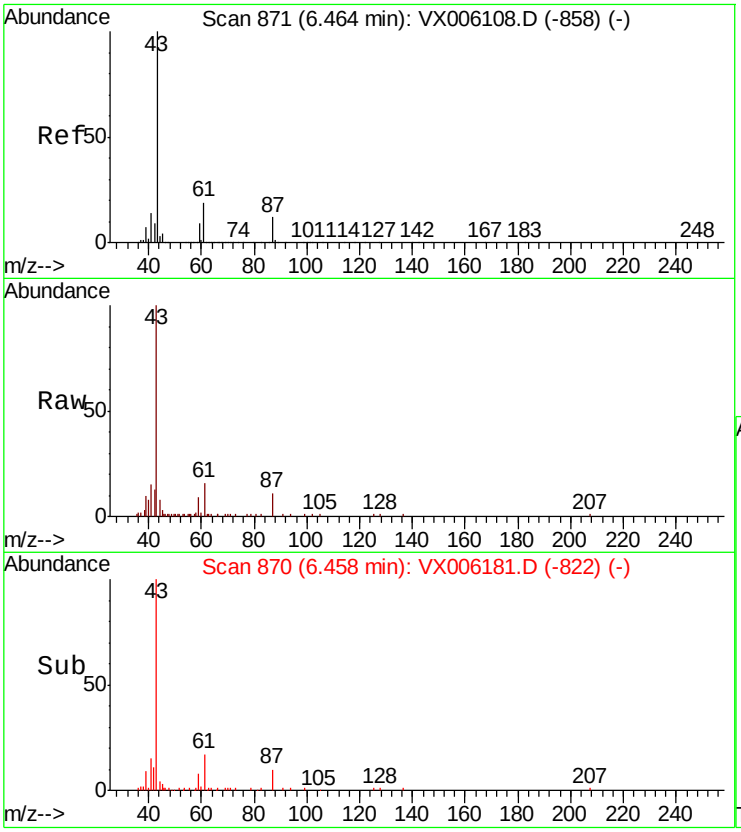


#38
Carbon Tetrachloride
Concen: 7.240 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion:117 Resp: 29282

Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.3	114.5#
121	0.5	24.7	37.1#



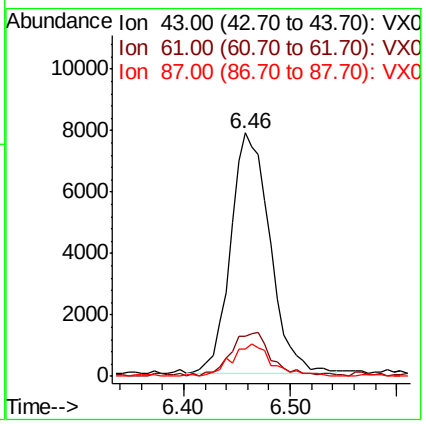


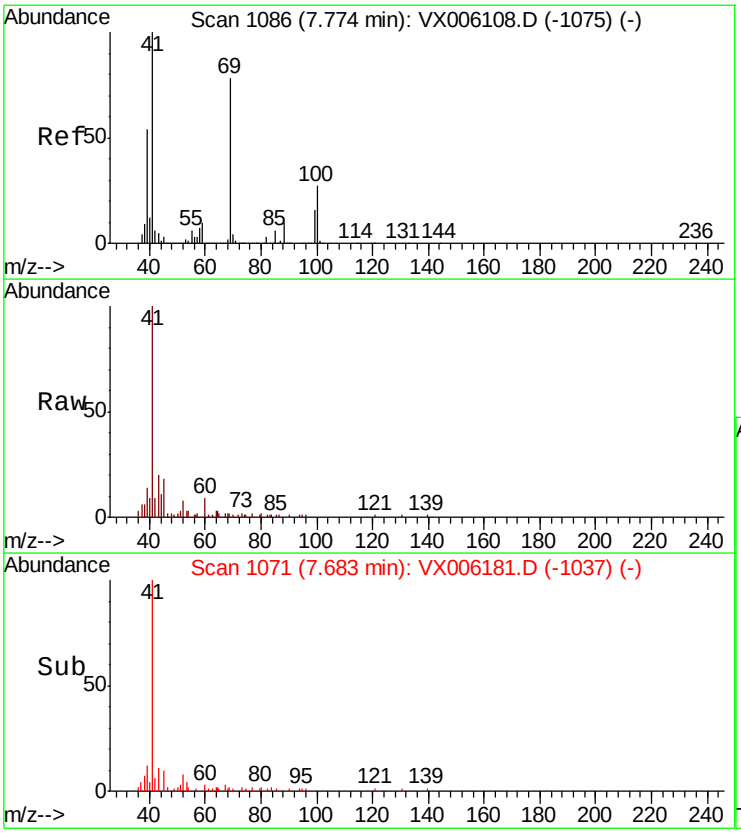
#43
Isopropyl Acetate
Concen: 2.543 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 20332

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	14.1	9.6	14.4

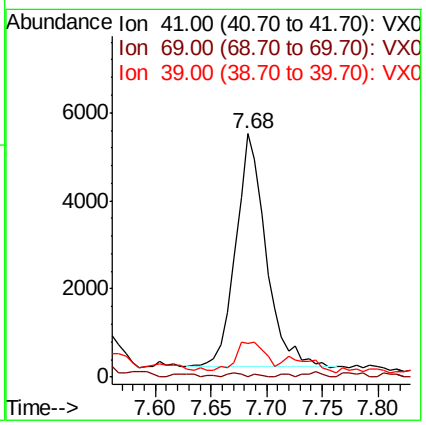


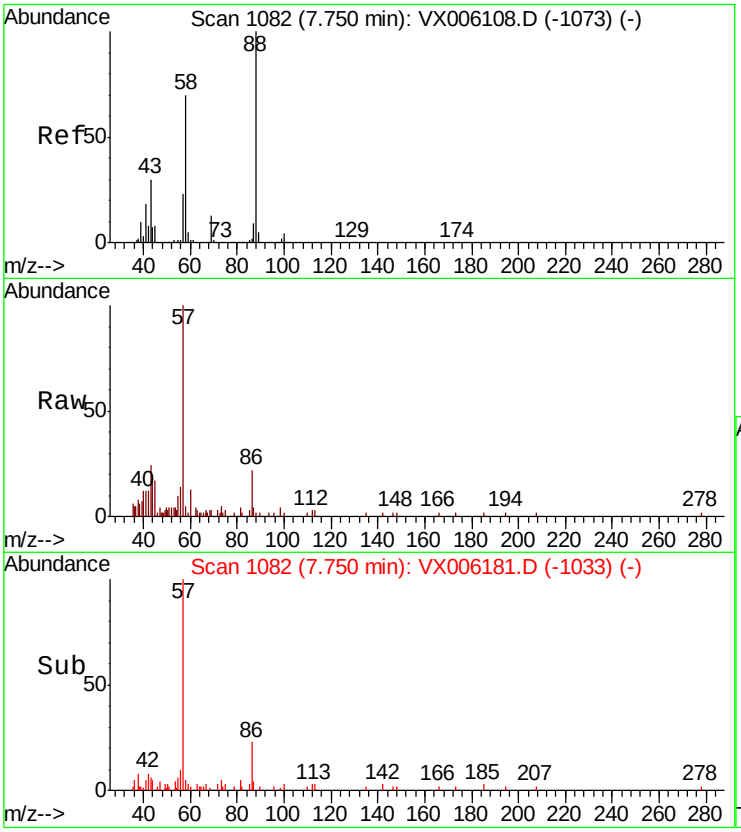


#48
Methyl methacrylate
Concen: 2.455 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 41 Resp: 9954

Ion	Ratio	Lower	Upper
41	100		
69	0.4	62.8	94.2#
39	0.0	43.8	65.6#



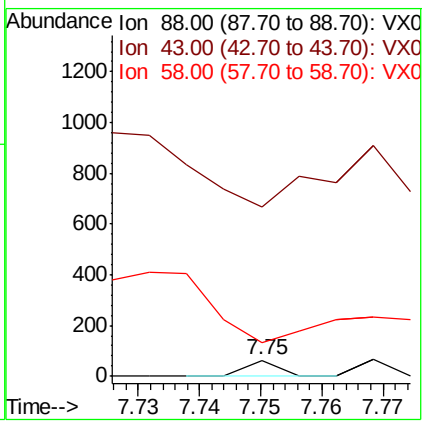


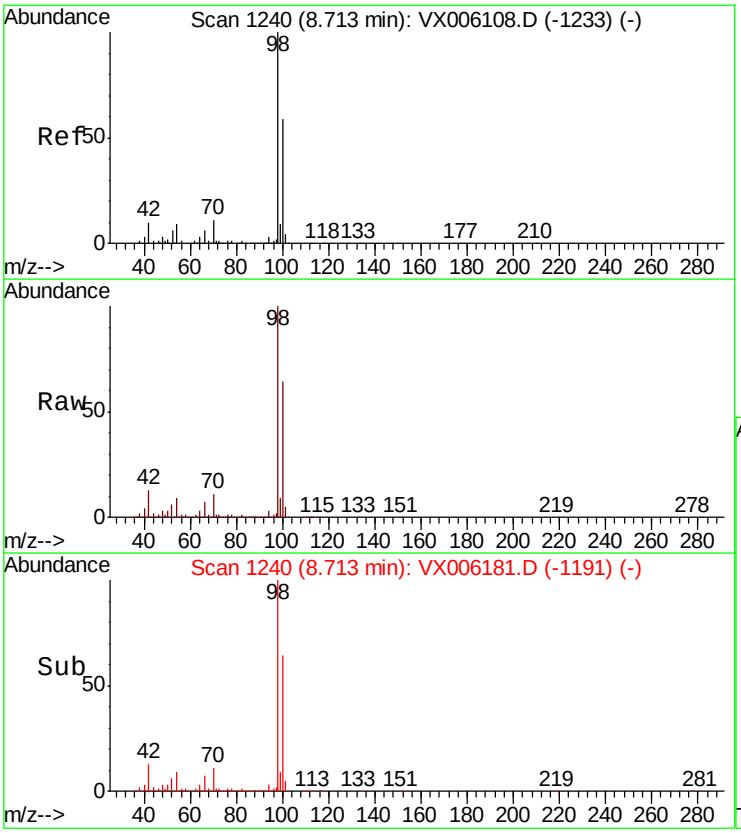
#49
1,4-Dioxane
Concen: 0.239 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 23

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

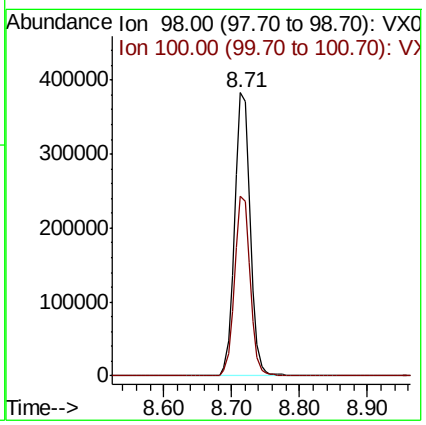


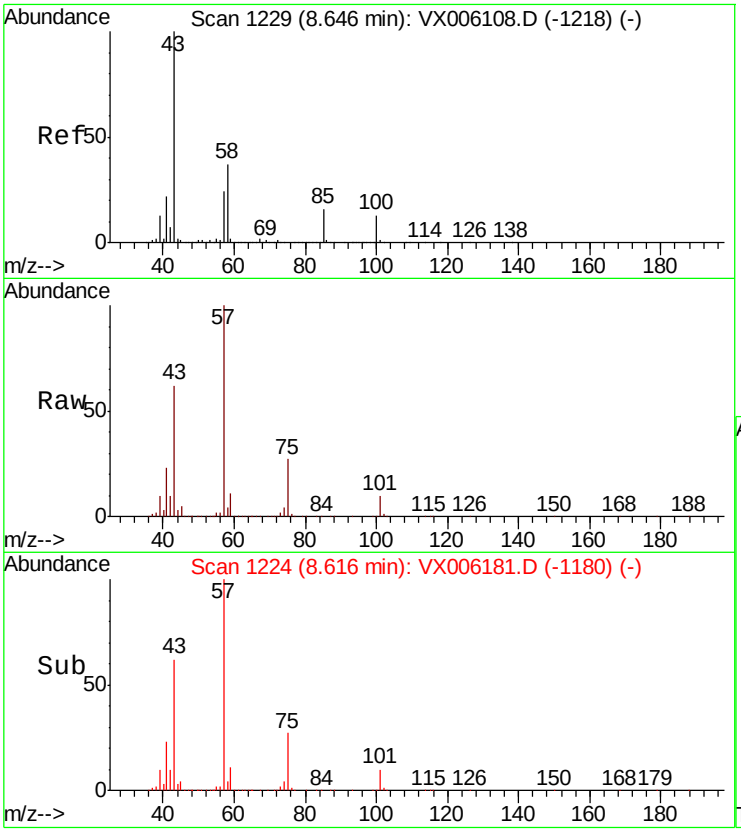


#50
Toluene-d8
Concen: 52.478 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 98 Resp: 607709

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.0	76.4



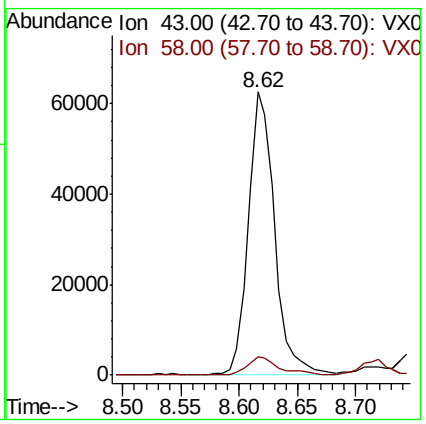


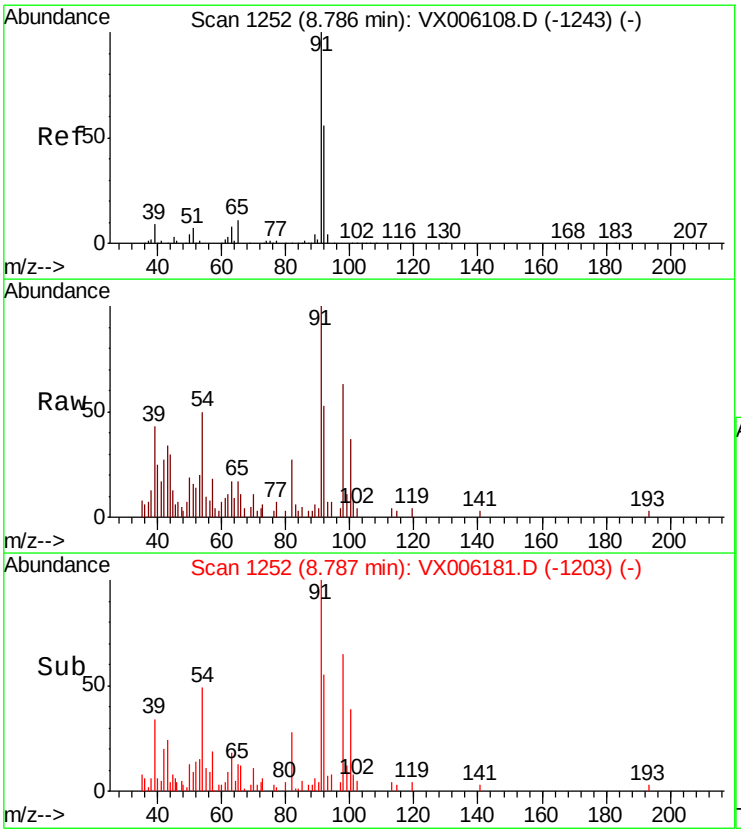
#51
4-Methyl-2-Pentanone
Concen: 16.968 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 97252

Ion	Ratio	Lower	Upper
43	100		
58	7.7	29.9	44.9#

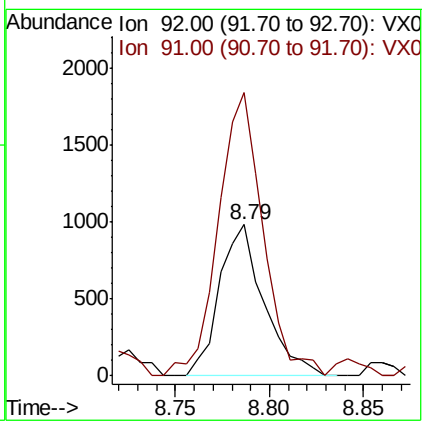


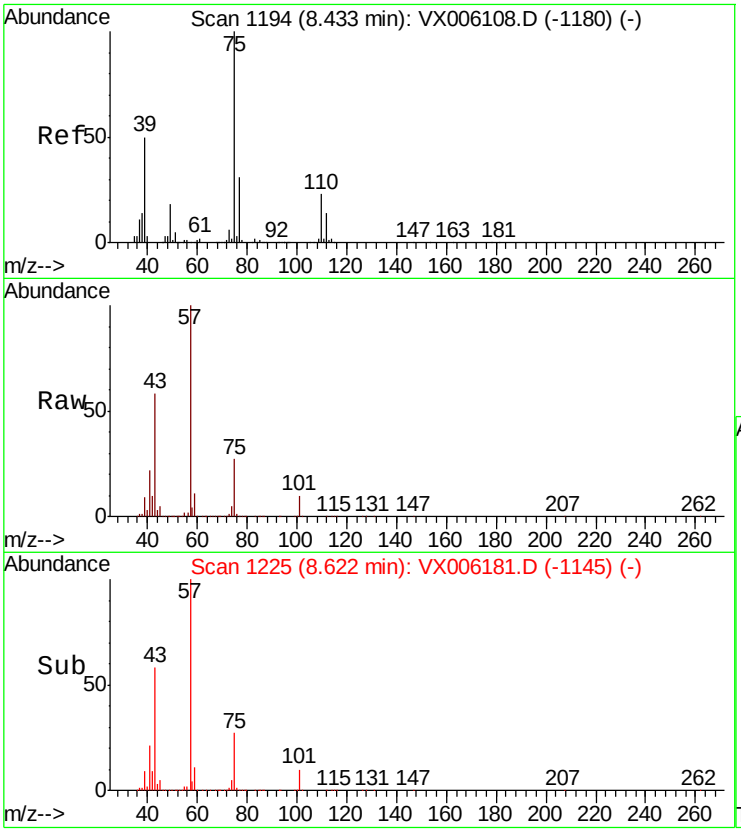


#52
Toluene
Concen: 0.206 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 92 Resp: 1617

Ion	Ratio	Lower	Upper
92	100		
91	187.4	142.5	213.7



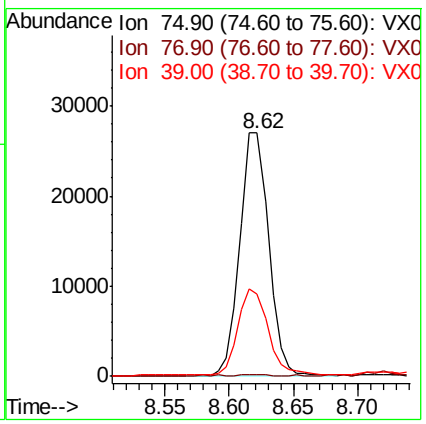


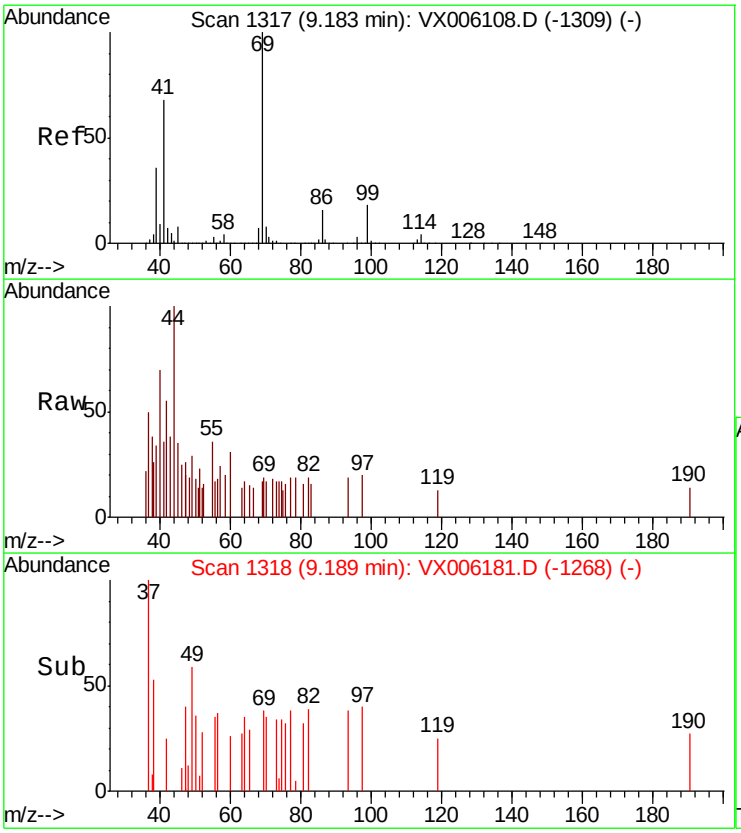
#54
cis-1,3-Dichloropropene
Concen: 8.601 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42165

Ion	Ratio	Lower	Upper
75	100		
77	0.9	24.7	37.1#
39	33.3	40.3	60.5#

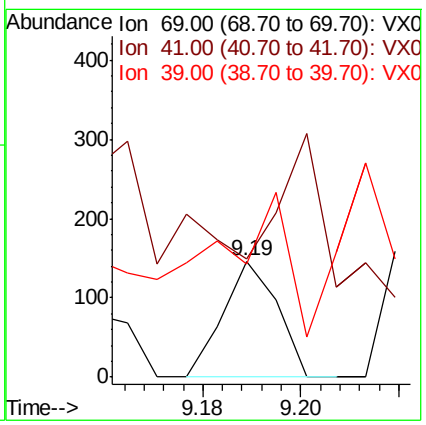


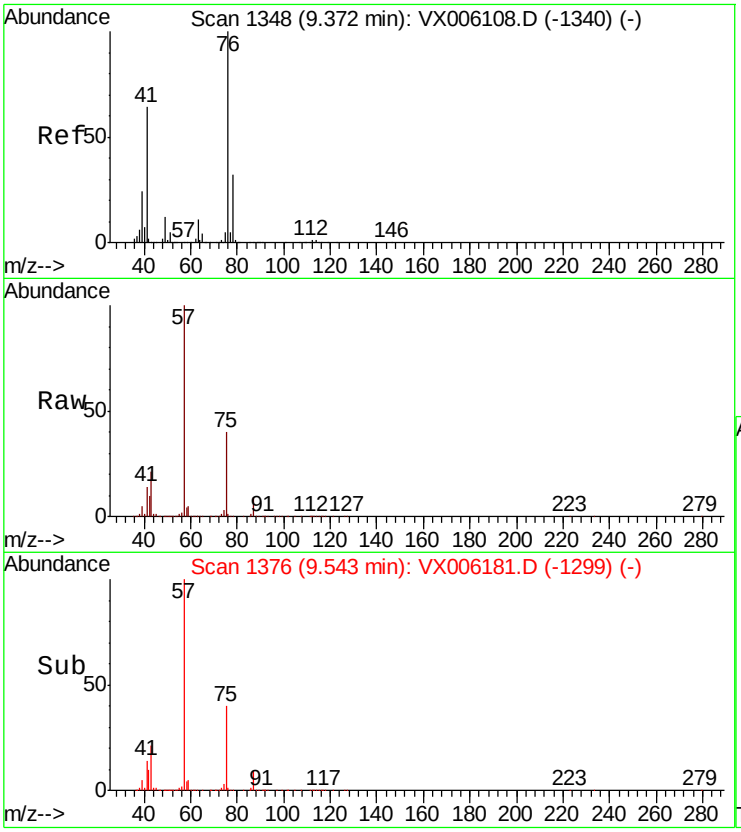


#56
Ethyl methacrylate
Concen: 2.885 ug/l
RT: 9.19 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 69 Resp: 112

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.2	84.4#
39	0.0	29.4	44.0#



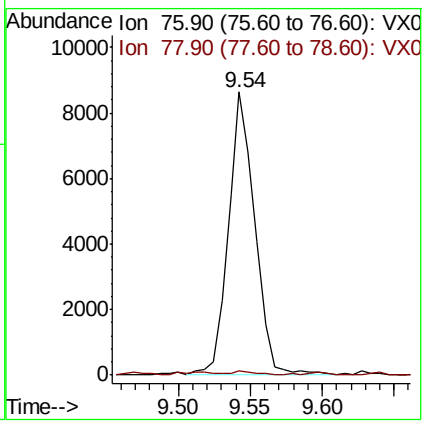


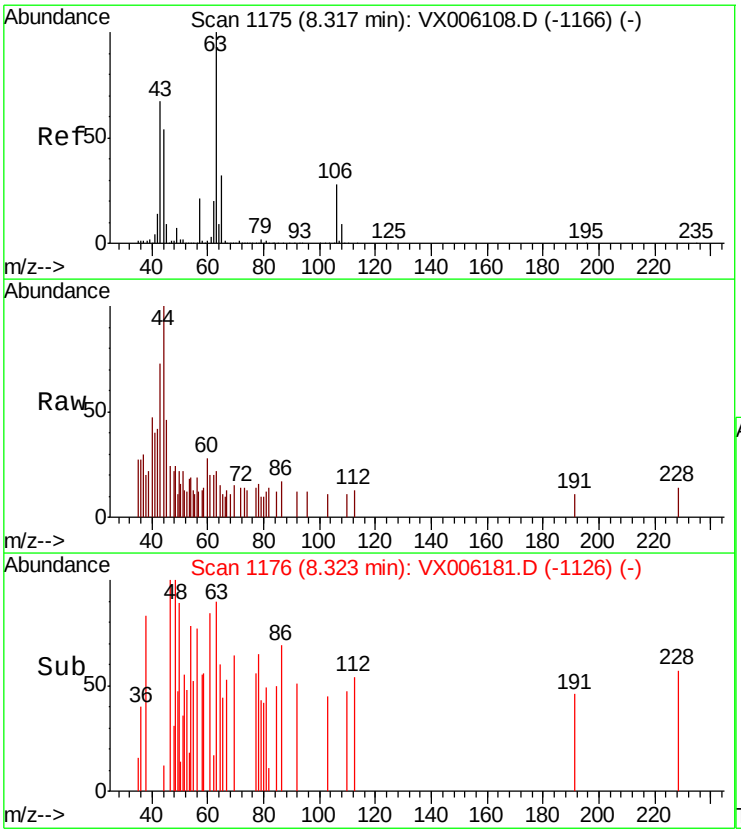
#57
1,3-Dichloropropane
Concen: 1.989 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 11131

Ion	Ratio	Lower	Upper
76	100		
78	1.2	25.7	38.5#

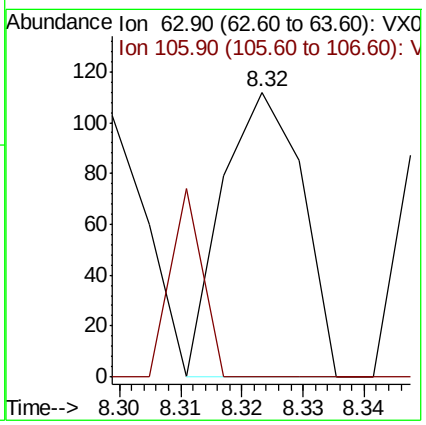


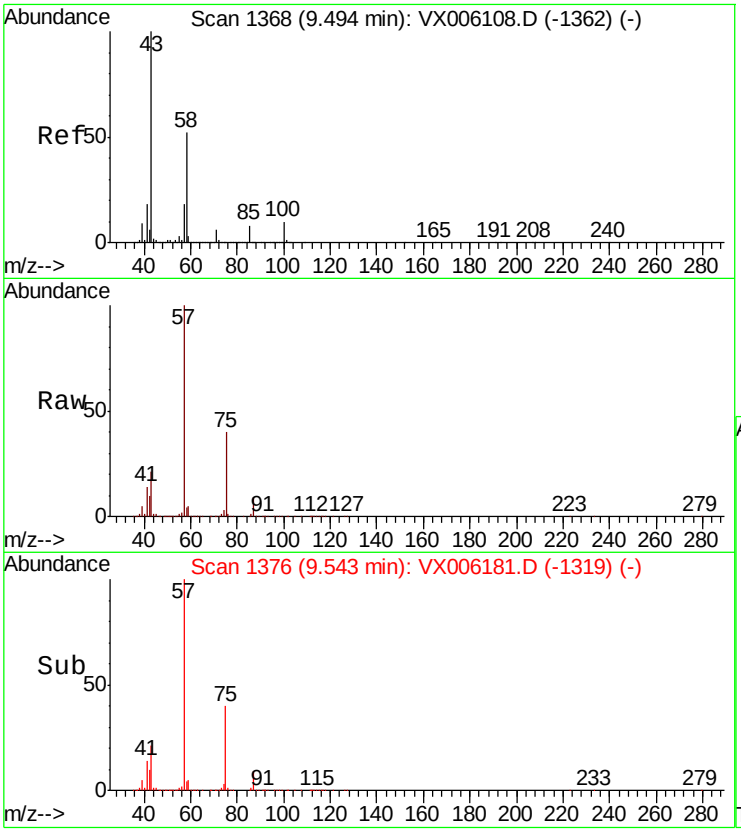


#58
2-Chloroethyl Vinyl ether
Concen: 6.755 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 63 Resp: 101

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.7	32.5#



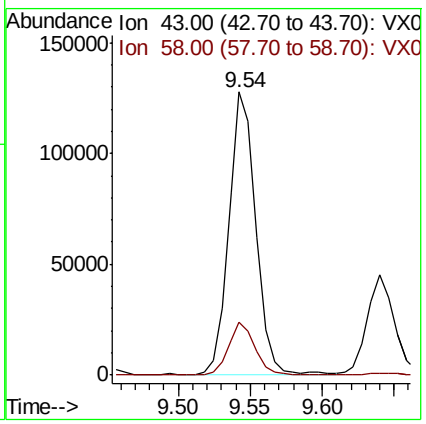


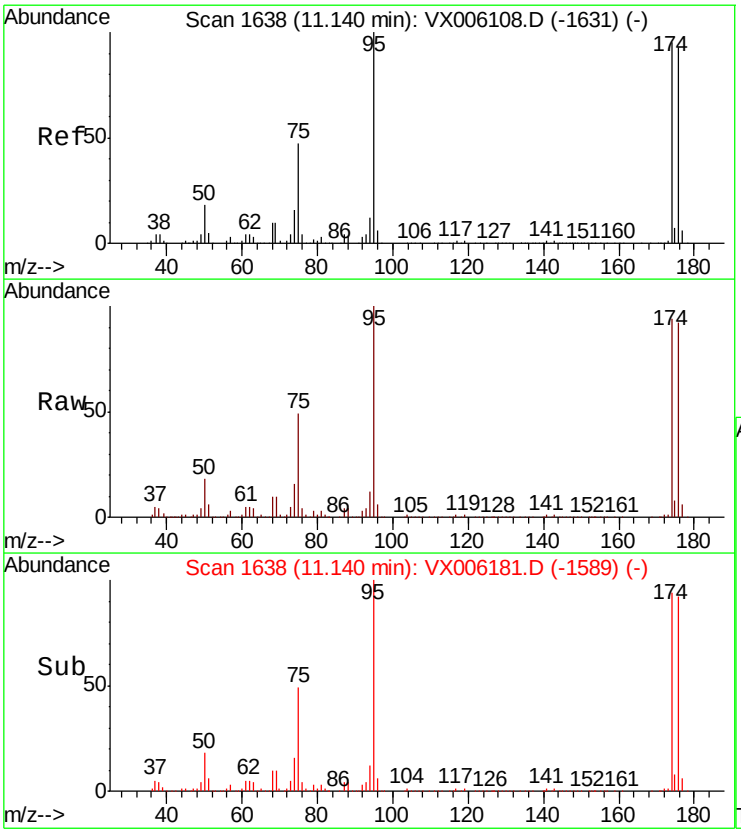
#59
2-Hexanone
Concen: 36.604 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 166495

Ion	Ratio	Lower	Upper
43	100		
58	18.2	26.3	78.9#

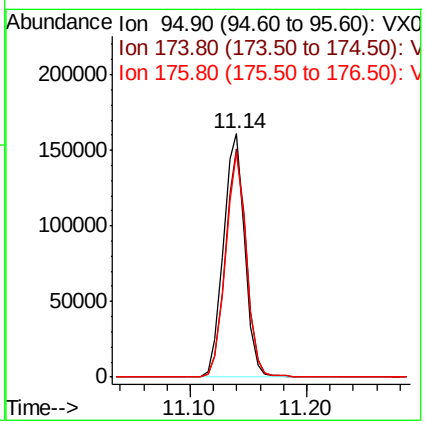


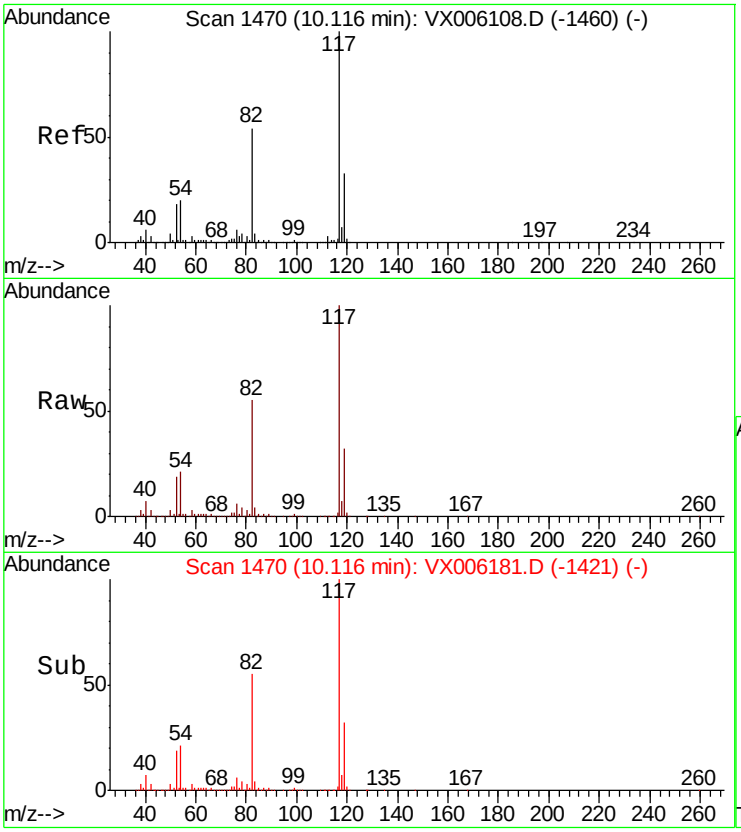


#62
4-Bromofluorobenzene
Concen: 46.992 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 95 Resp: 204177

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	184.4
176	89.7	0.0	179.0



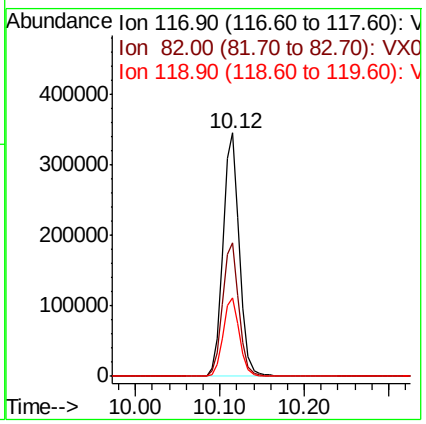


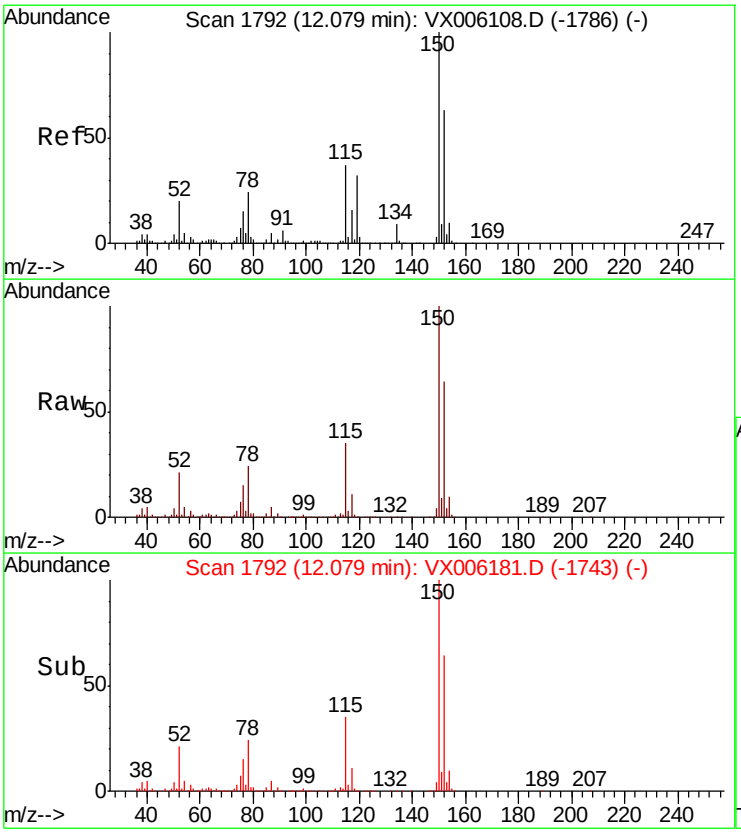
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 460820

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	32.4	26.1	39.1

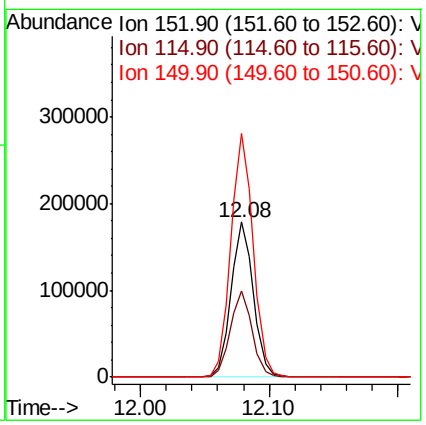


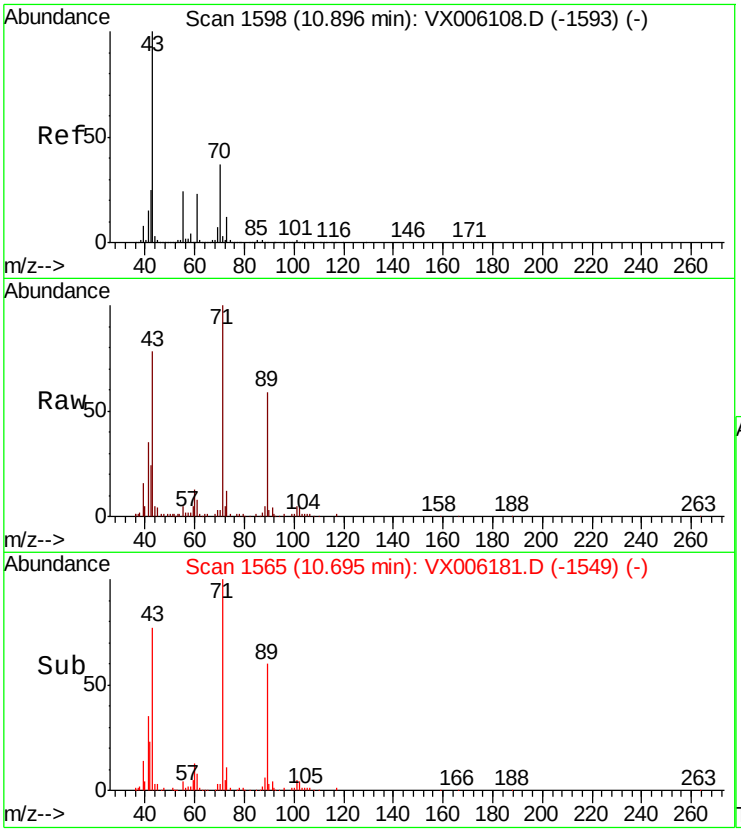


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion:152 Resp: 215801

Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.0	116.9
150	157.8	0.0	346.6



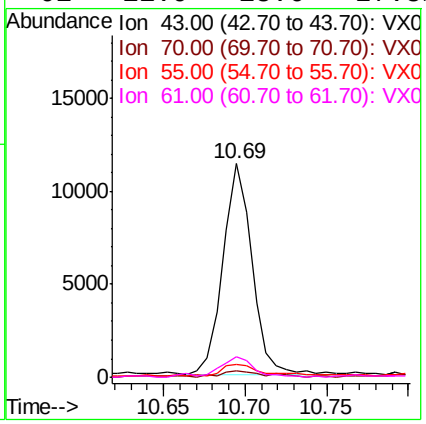


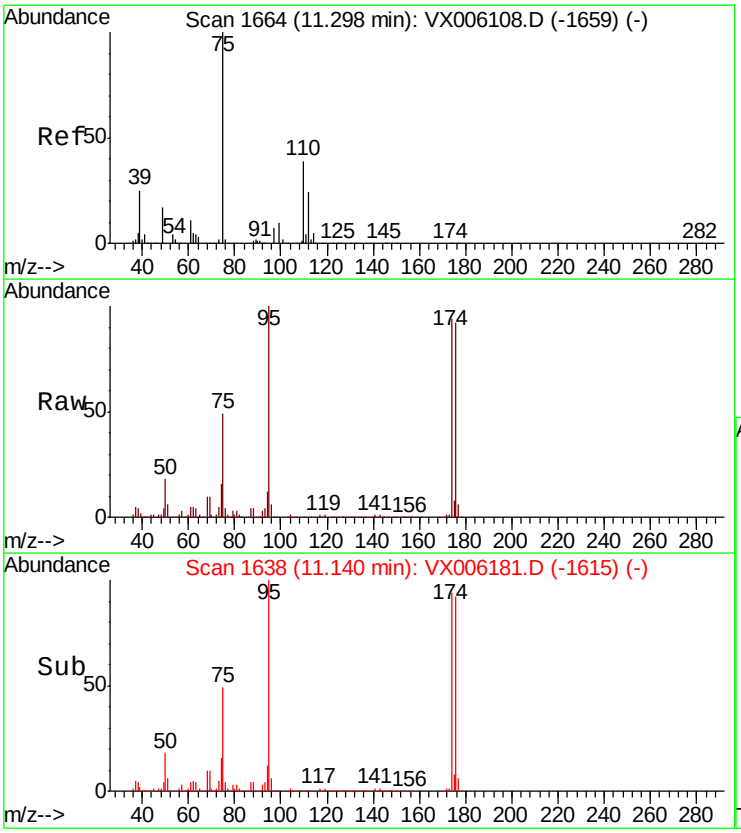
#74
N-amyl acetate
Concen: 4.210 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 14047

Ion	Ratio	Lower	Upper
43	100		
70	4.7	31.8	47.6#
55	7.2	19.5	29.3#
61	11.9	18.6	27.8#

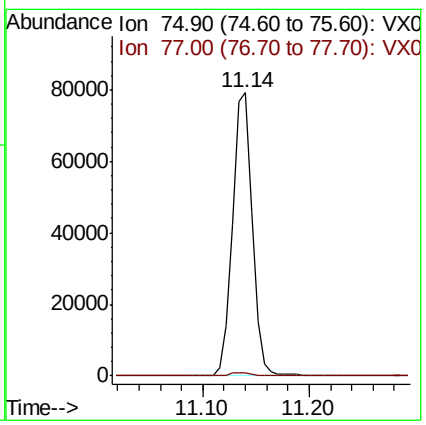


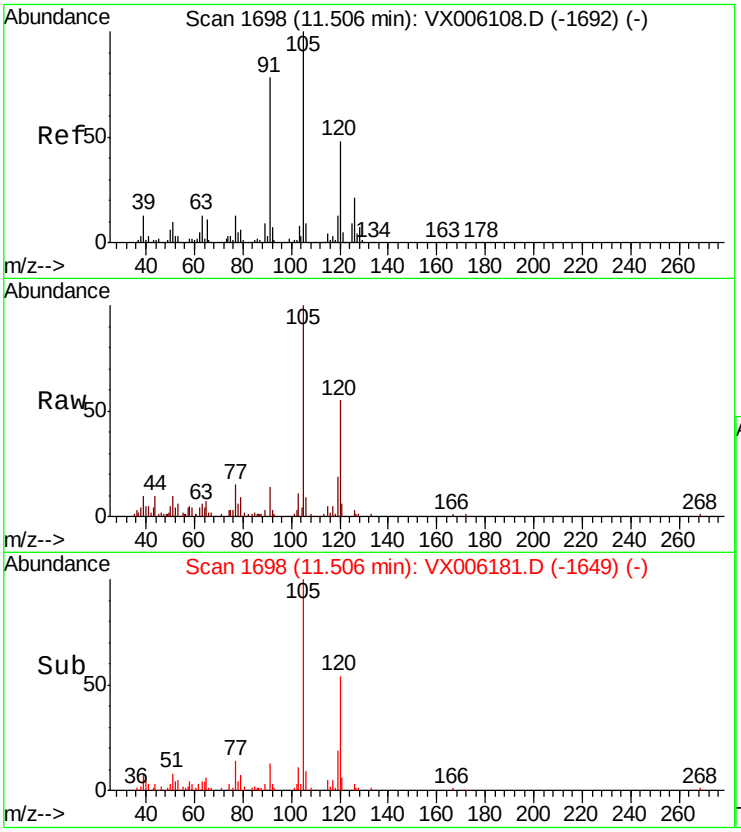


#76
1,2,3-Trichloropropane
Concen: 23.298 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 75 Resp: 103510

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.6	58.7#



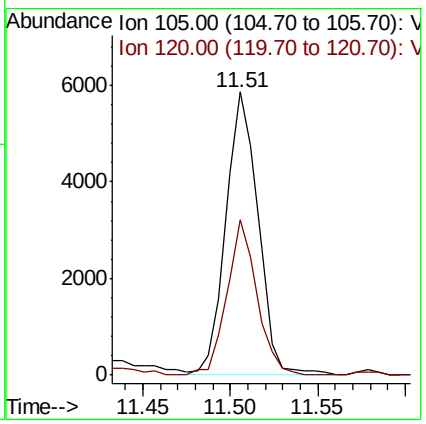


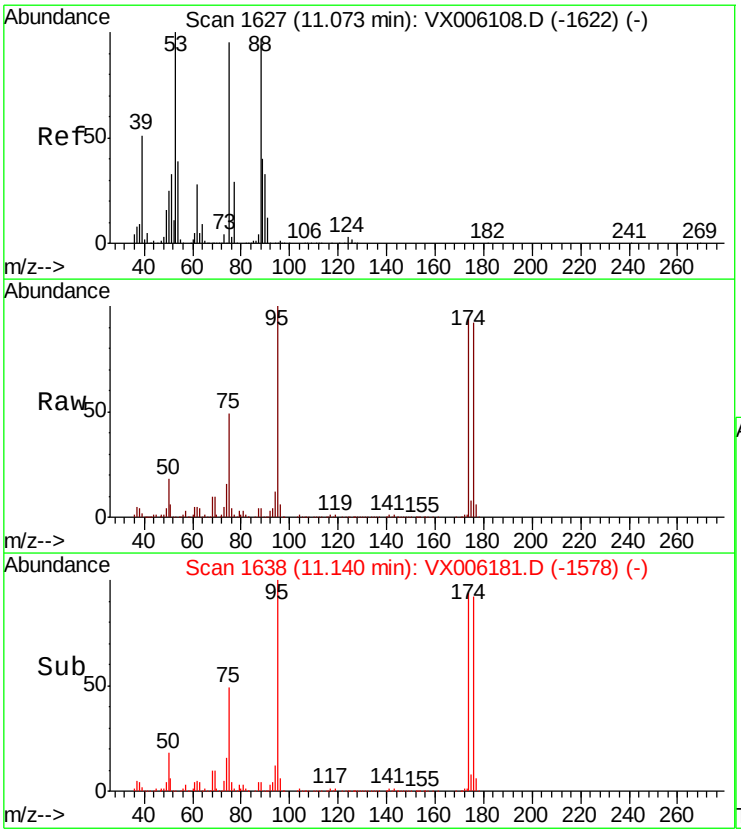
#80
1,3,5-Trimethylbenzene
Concen: 0.686 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 7555

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.3	73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 78.799 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006181.D
Acq: 26 Nov 2018 17:51

Tgt Ion: 75 Resp: 103510

Ion	Ratio	Lower	Upper
75	100		
53	0.3	85.3	127.9#
89	0.1	37.2	55.8#