Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061908.D
Acq On : 12 Mar 2019 16:40
Operator : VA/AP
Sample : K1687-01
Misc : 6.63g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : HR-06-031119-A

Quant Time: Mar 13 02:07:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	176046	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	246475	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	209278	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	115515	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	69845	54.48	ug/l	-0.02
Spiked Amount 50.000			Recovery = 108.96%			
35) Dibromofluoromethane	4.11	113	99166	57.65	ug/l	-0.01
Spiked Amount 50.000			Recovery = 115.30%			
50) Toluene-d8	7.54	98	263659	51.57	ug/l	-0.02
Spiked Amount 50.000			Recovery = 103.14%			
62) 4-Bromofluorobenzene	11.40	95	114136	56.99	ug/l	-0.02
Spiked Amount 50.000			Recovery = 113.98%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.53	59	561	7.709	ug/l #	64
13) Acrolein	1.94	56	402	4.360	ug/l	90
15) Acrylonitrile	2.93	53	602	2.598	ug/l #	32
16) Acetone	2.22	43	8294	30.884	ug/l	95
18) Methyl Acetate	2.36	43	3519	Below Cal	#	62
20) Methylene Chloride	2.18	84	7477	Below Cal	#	91
25) 2-Butanone	4.32	43	1717	3.143	ug/l #	56
51) 4-Methyl-2-Pentanone	8.24	43	1846	2.217	ug/l #	62
59) 2-Hexanone	9.47	43	2673	4.450	ug/l	70
74) N-amyl acetate	11.37	43	1857	1.014	ug/l #	85
92) 1,2-Dibromo-3-Chloropropan	13.70	75	195	4.553	ug/l #	1
95) Naphthalene	14.45	128	6349	1.477	ug/l #	93

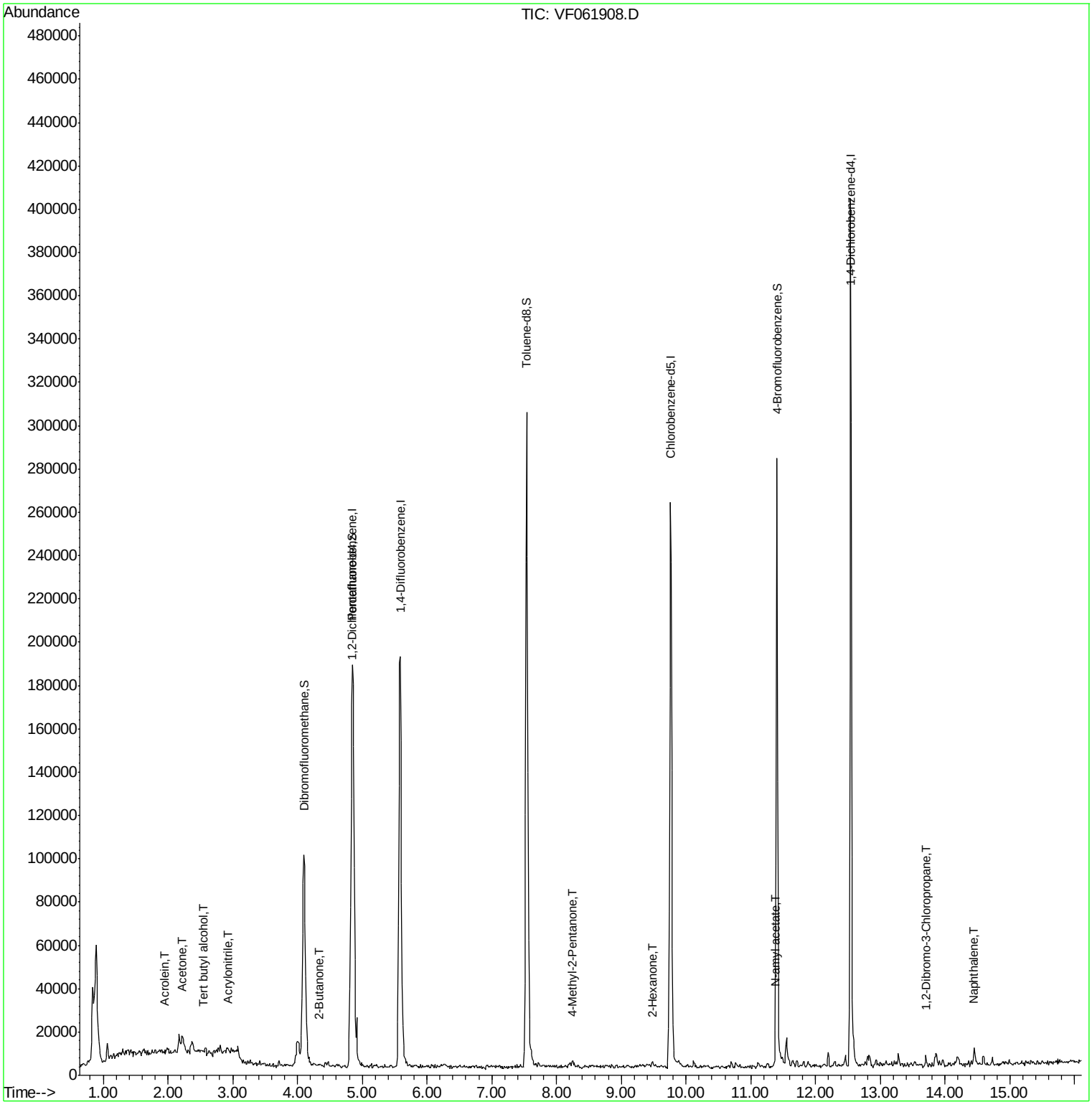
(#) = qualifier out of range (m) = manual integration (+) = signals summed

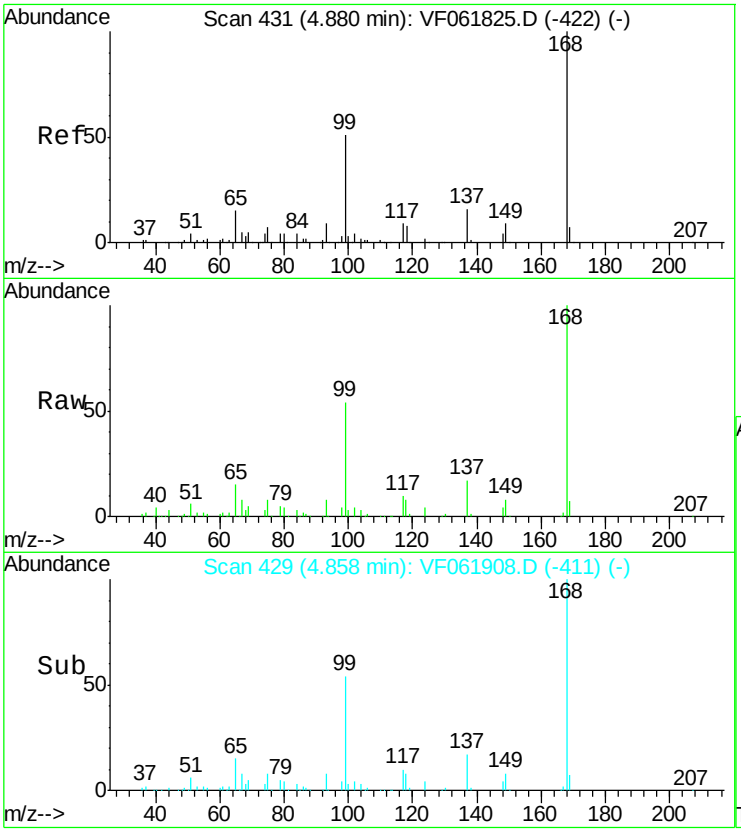
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031219\
Data File : VF061908.D
Acq On : 12 Mar 2019 16:40
Operator : VA/AP
Sample : K1687-01
Misc : 6.63g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Quant Time: Mar 13 02:07:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



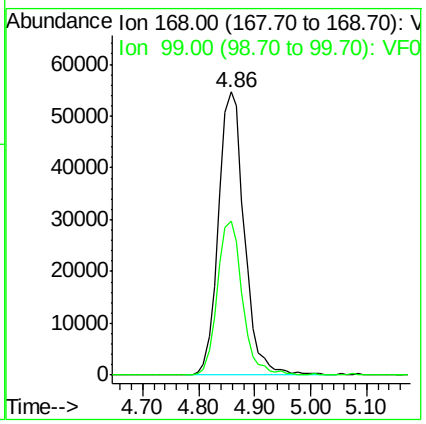


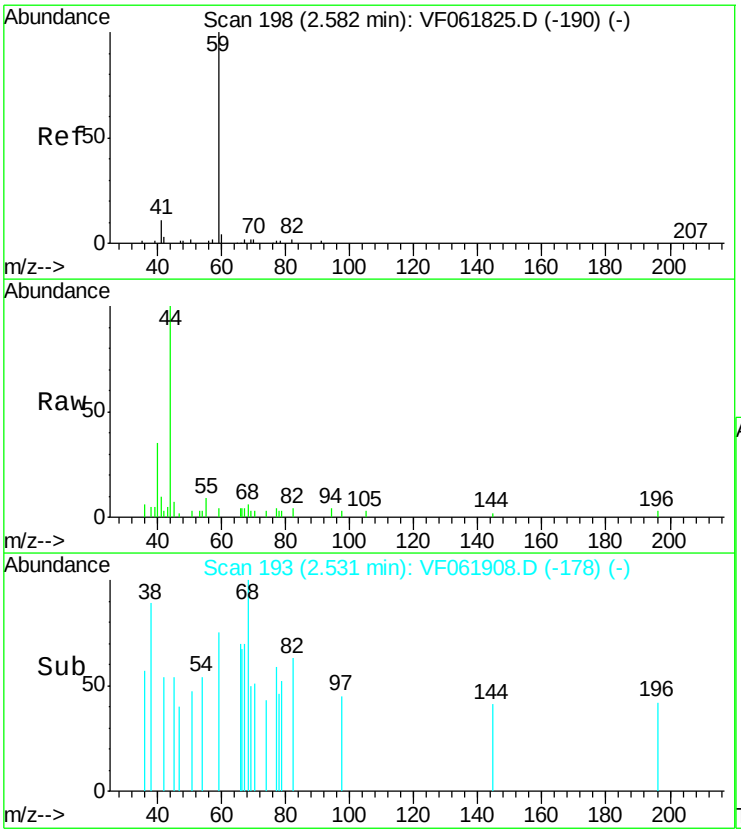
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion:168 Resp: 176046

Ion	Ratio	Lower	Upper
168	100		
99	54.2	40.8	61.2

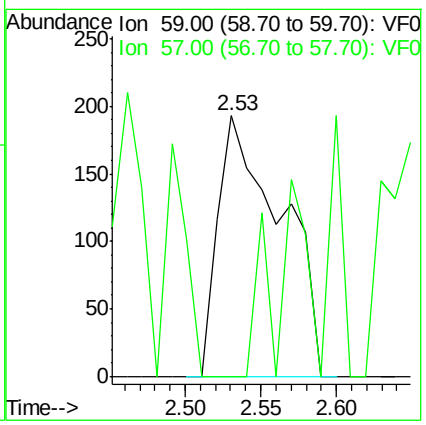


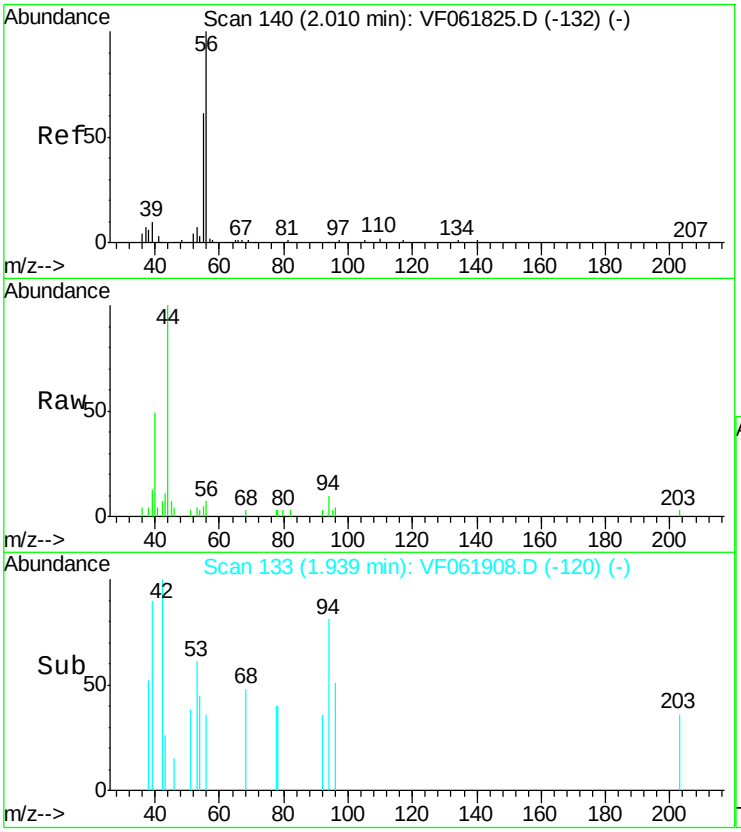


#11
Tert butyl alcohol
Concen: 7.709 ug/l
RT: 2.53 min Scan# 193
Delta R.T. -0.05 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion: 59 Resp: 561

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.8	17.6#



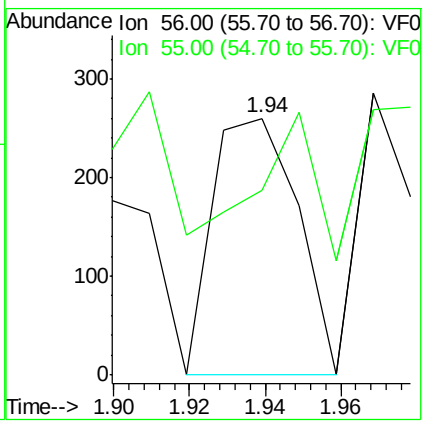


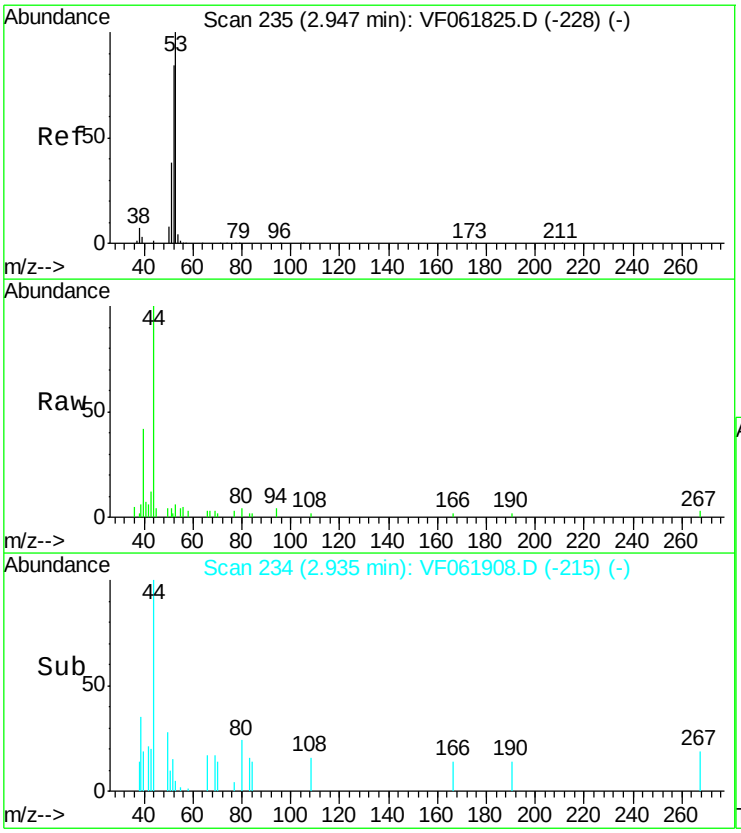
#13
Acrolein
Concen: 4.360 ug/l
RT: 1.94 min Scan# 133
Delta R.T. -0.07 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion: 56 Resp: 402

Ion	Ratio	Lower	Upper
56	100		
55	71.9	51.3	76.9

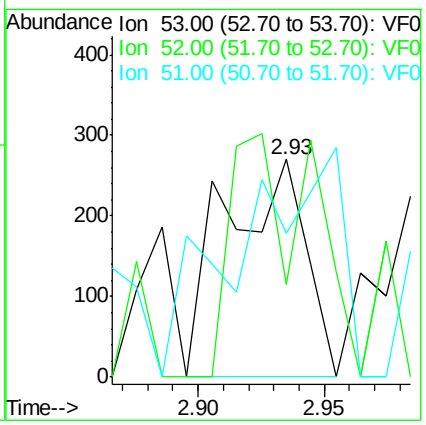


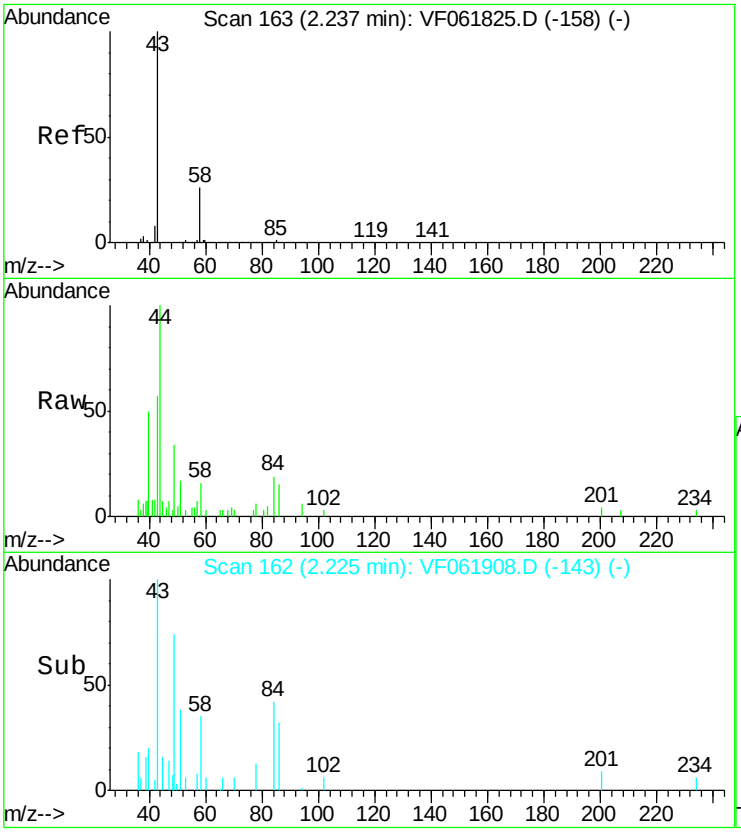


#15
Acrylonitrile
Concen: 2.598 ug/l
RT: 2.93 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion: 53 Resp: 602

Ion	Ratio	Lower	Upper
53	100		
52	42.6	67.4	101.0#
51	108.9	30.7	46.1#



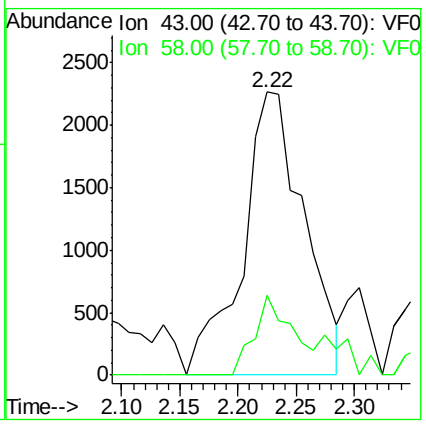


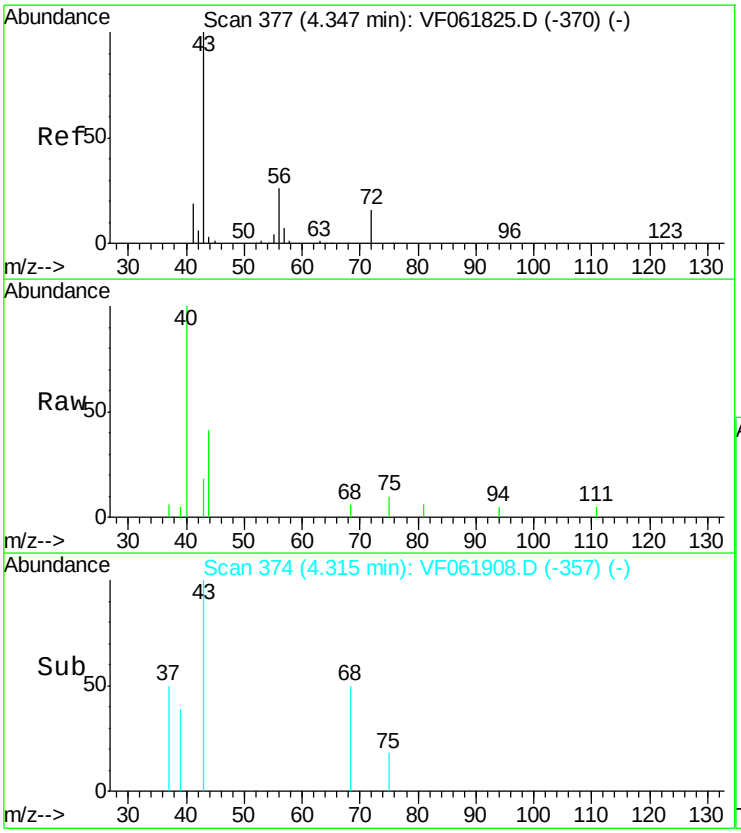
#16
Acetone
Concen: 30.884 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion: 43 Resp: 8294

Ion	Ratio	Lower	Upper
43	100		
58	28.0	20.3	30.5

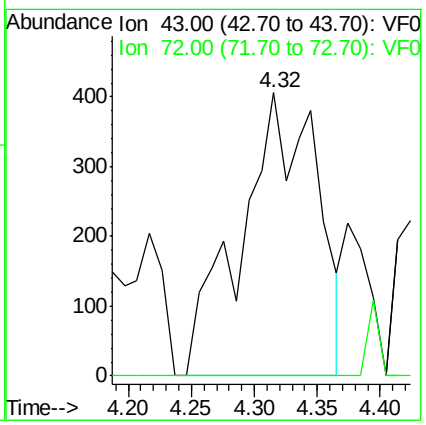


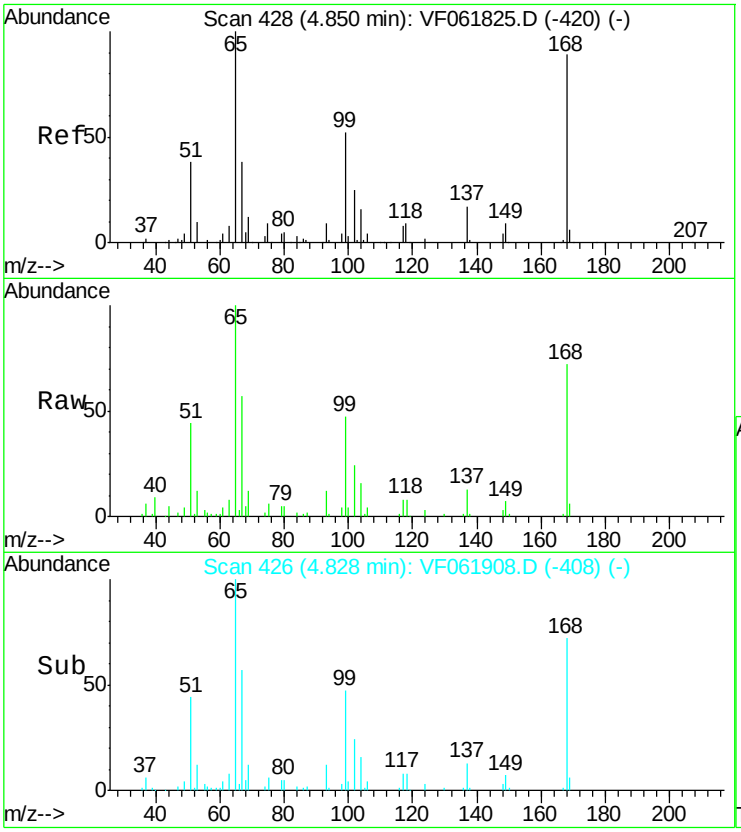


#25
2-Butanone
Concen: 3.143 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.03 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion: 43 Resp: 1717

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



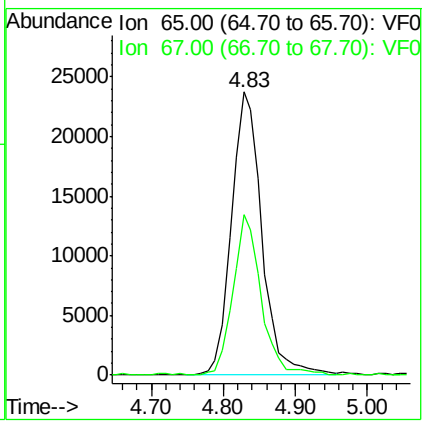


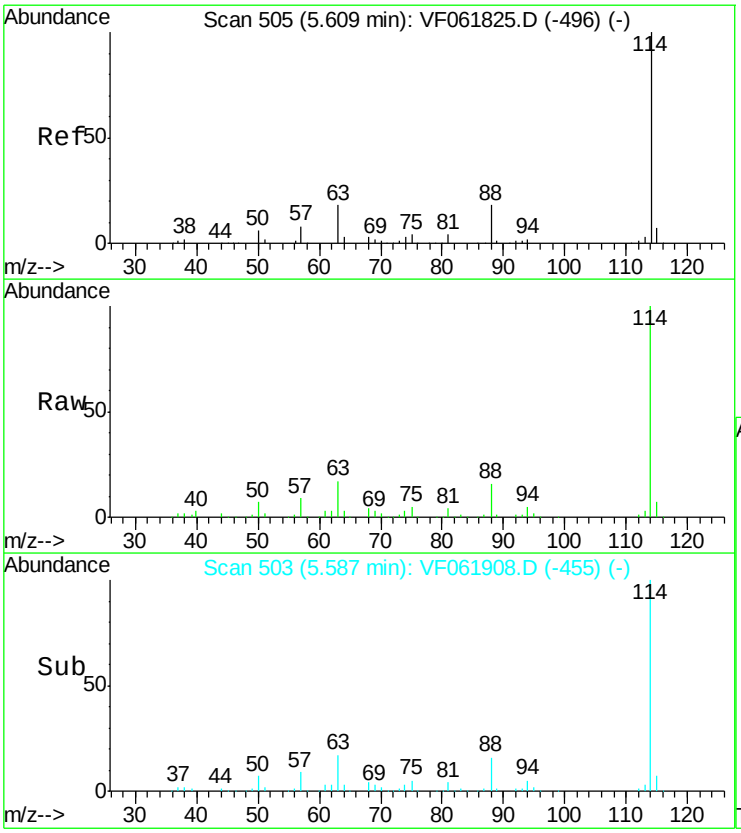
#33
1,2-Dichloroethane-d4
Concen: 54.479 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument : MSVOA_F
ClientSampleId : HR-06-031119-A

Tgt Ion: 65 Resp: 69845

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	108.6

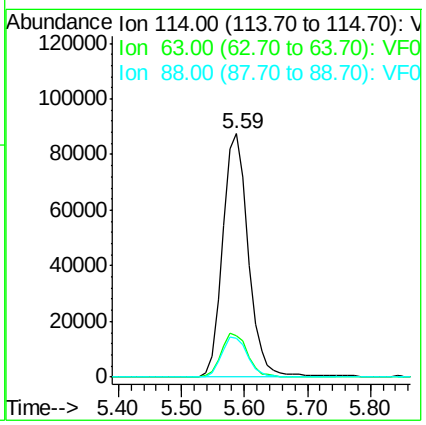


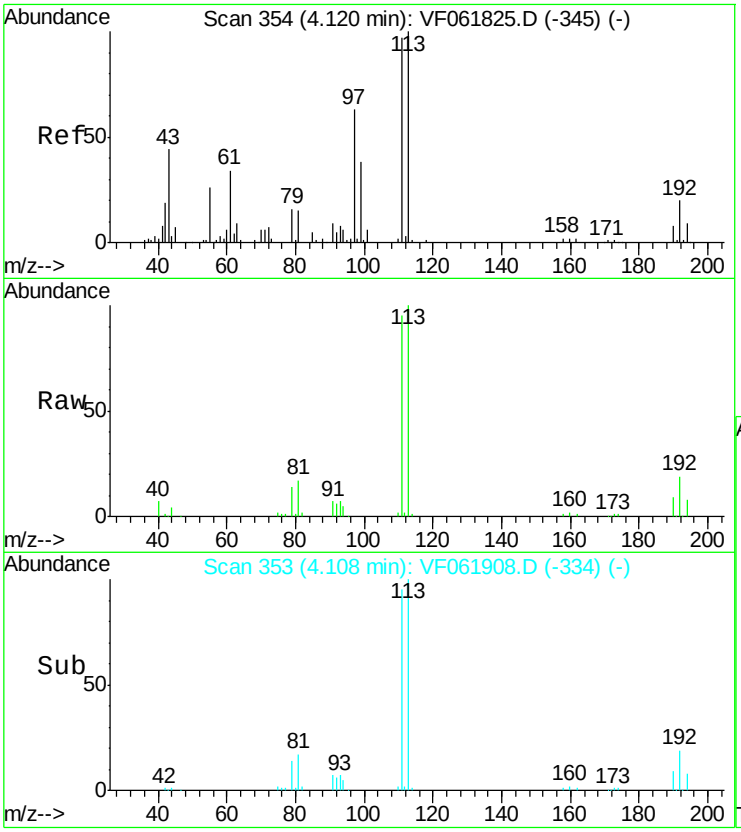


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion:114 Resp: 246475

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.6
88	15.9	0.0	35.6



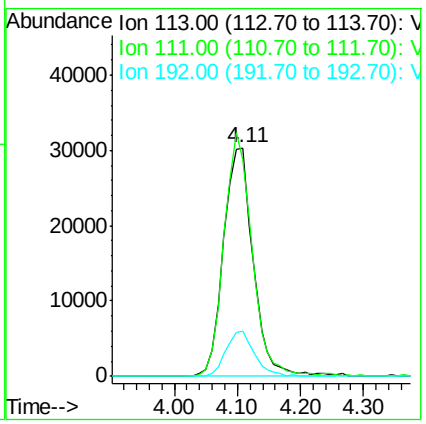


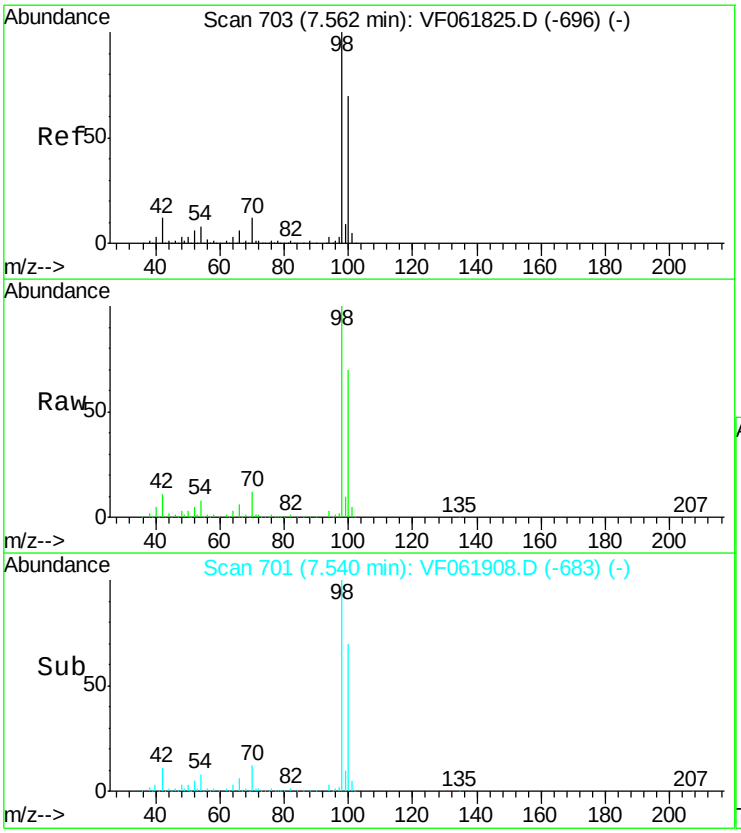
#35
Dibromofluoromethane
Concen: 57.652 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion:113 Resp: 99166

Ion	Ratio	Lower	Upper
113	100		
111	95.0	77.6	116.4
192	19.5	15.9	23.9

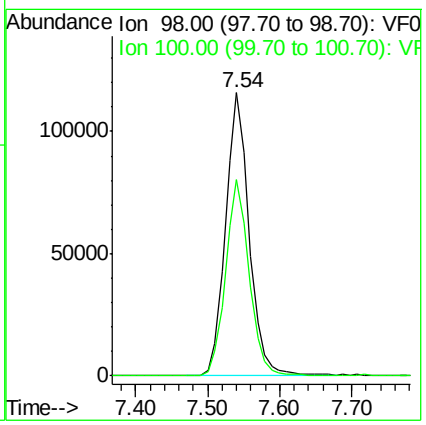


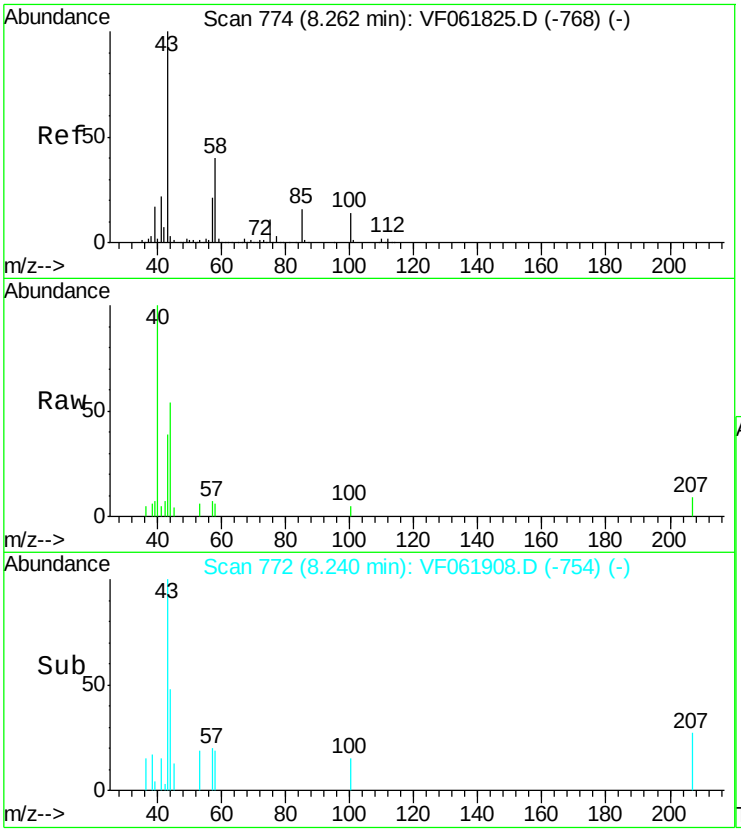


#50
Toluene-d8
Concen: 51.571 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion: 98 Resp: 263659

Ion	Ratio	Lower	Upper
98	100		
100	69.5	56.0	84.0



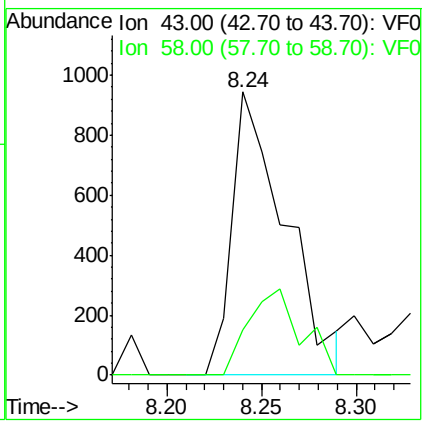


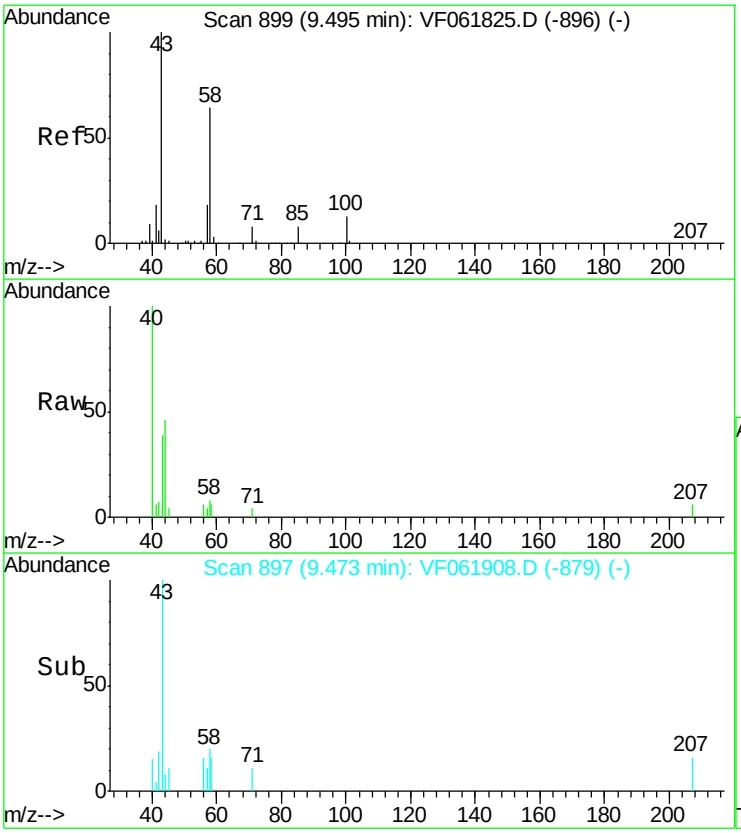
#51
4-Methyl-2-Pentanone
Concen: 2.217 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument : MSVOA_F
ClientSampleId : HR-06-031119-A

Tgt Ion: 43 Resp: 1846

Ion	Ratio	Lower	Upper
43	100		
58	16.1	31.8	47.8#

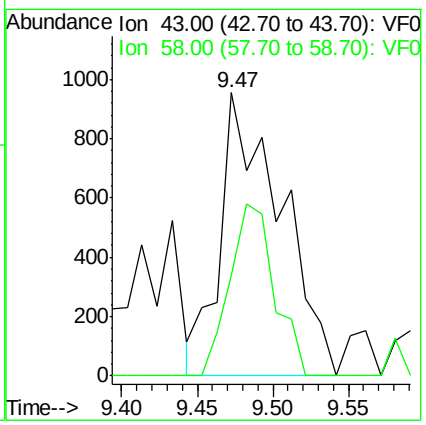


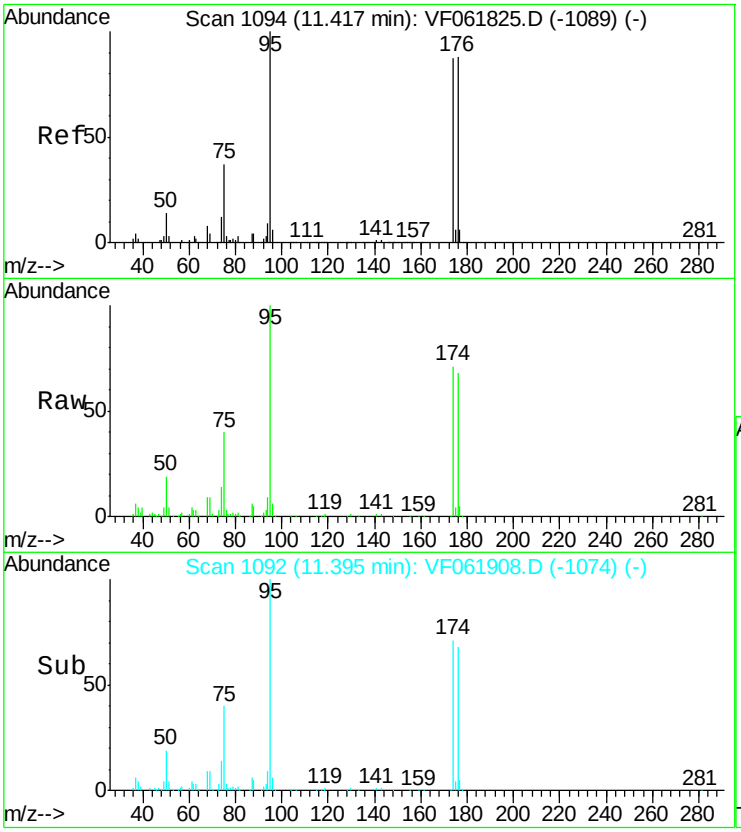


#59
2-Hexanone
Concen: 4.450 ug/l
RT: 9.47 min Scan# 897
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion: 43 Resp: 2673

Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.8	86.4



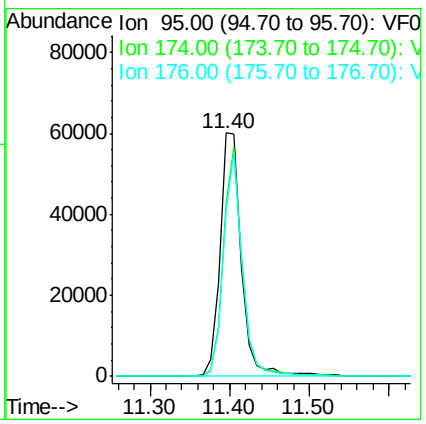


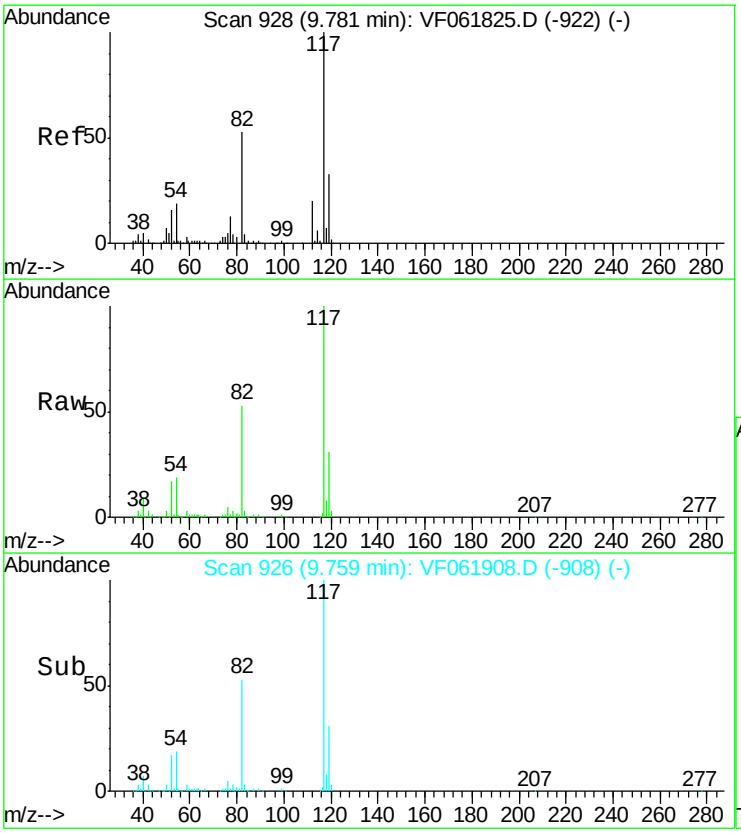
#62
4-Bromofluorobenzene
Concen: 56.990 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion: 95 Resp: 114136

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	174.0
176	67.8	0.0	175.2

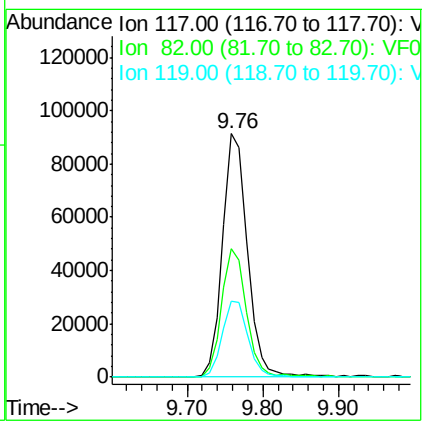


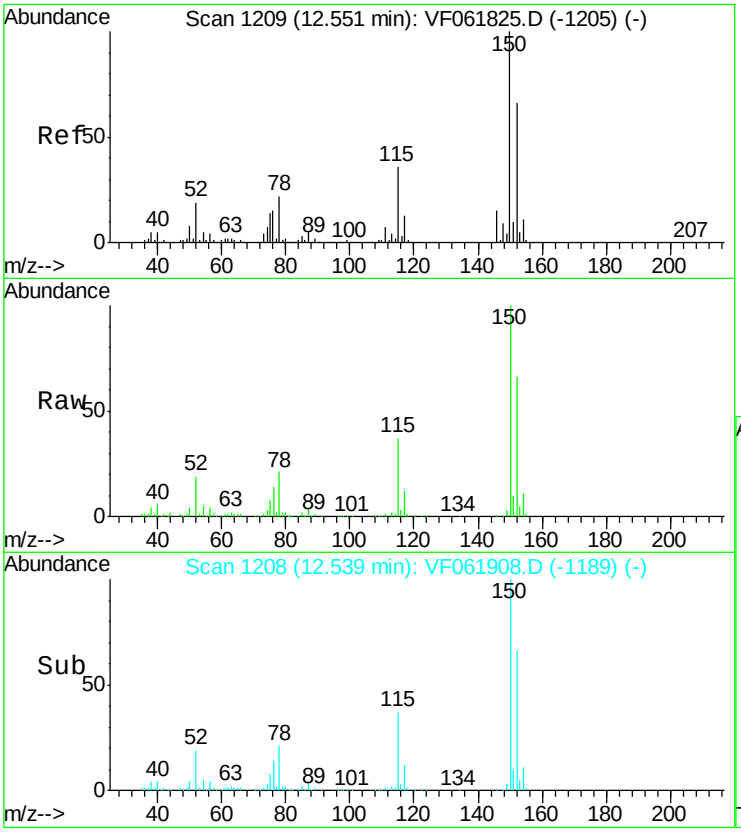


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion:117 Resp: 209278

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.6	63.8
119	31.3	26.0	39.0



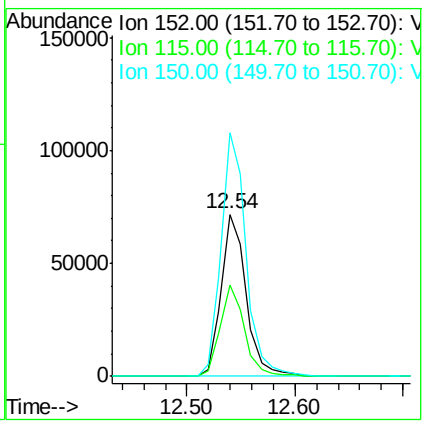


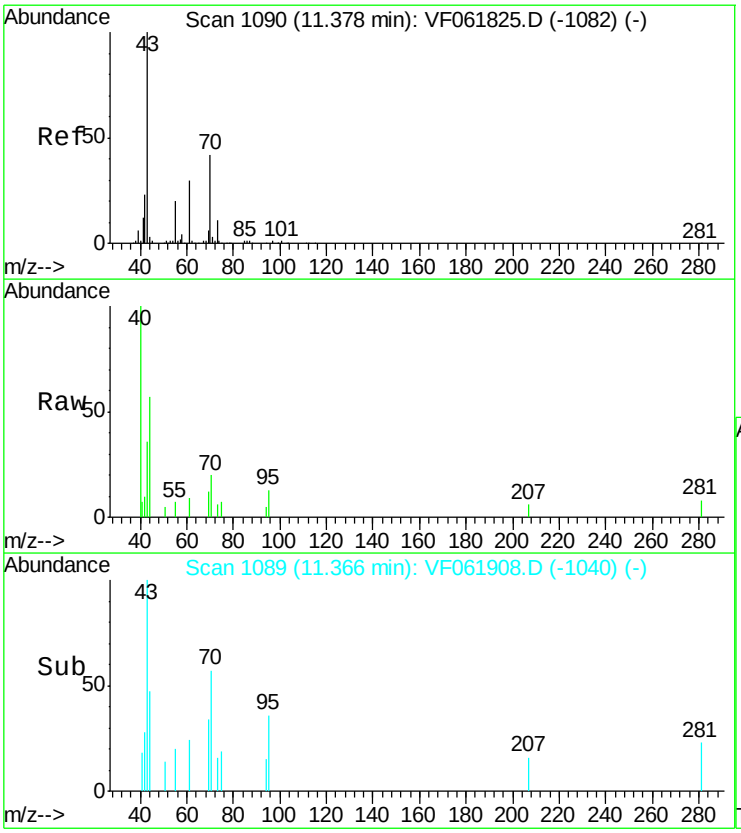
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion:152 Resp: 115515

Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.7	83.1
150	150.5	0.0	304.2

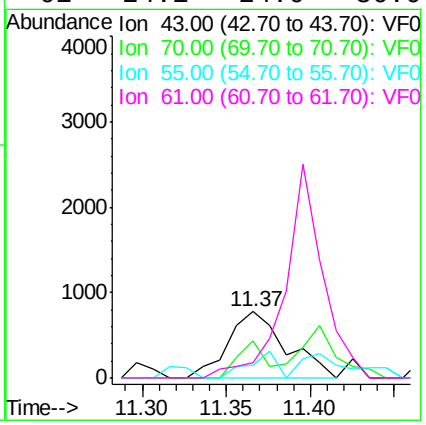


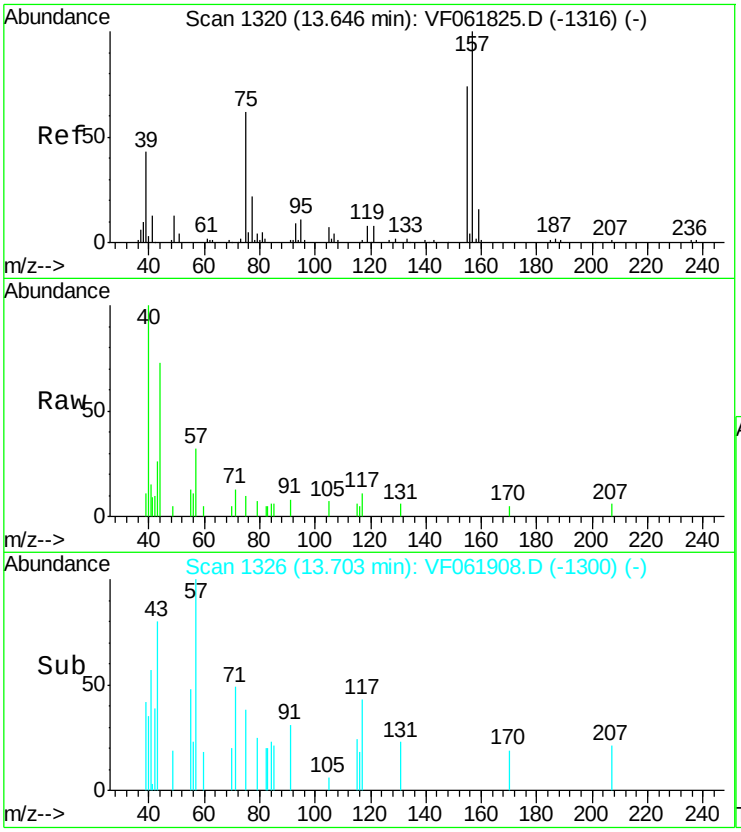


#74
N-amyl acetate
Concen: 1.014 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion: 43 Resp: 1857

Ion	Ratio	Lower	Upper
43	100		
70	56.7	33.4	50.0#
55	19.7	16.3	24.5
61	24.1	24.0	36.0



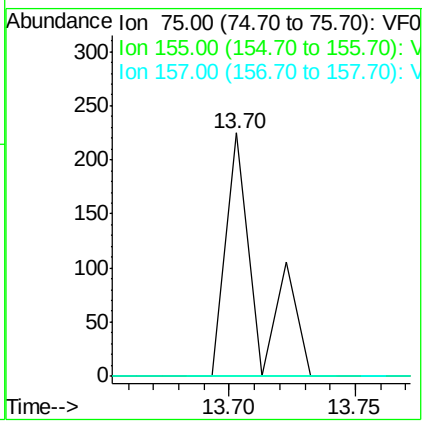


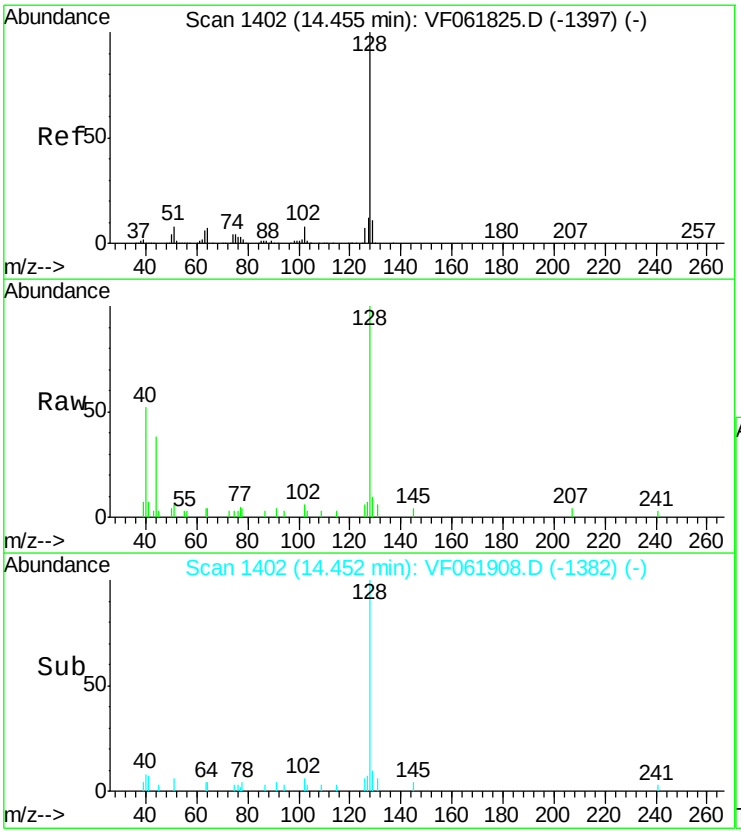
#92
1,2-Dibromo-3-Chloropropane
Concen: 4.553 ug/l
RT: 13.70 min Scan# 1326
Delta R.T. 0.06 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Instrument : MSVOA_F
ClientSampleId : HR-06-031119-A

Tgt Ion: 75 Resp: 195

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.8	179.4#
157	0.0	81.2	243.4#





#95
Naphthalene
Concen: 1.477 ug/l
RT: 14.45 min Scan# 1402
Delta R.T. -0.00 min
Lab File: VF061908.D
Acq: 12 Mar 2019 16:40

Tgt Ion:128 Resp: 6349

Ion	Ratio	Lower	Upper
128	100		
127	7.1	9.3	13.9#
129	10.2	8.8	13.2