Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061914.D
Acq On : 12 Mar 2019 19:33
Operator : VA/AP
Sample : K1866-07
Misc : 7.07g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : MR-MH-01-COMP

Quant Time: Mar 13 02:09:21 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	300083	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	474493	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	409508	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	233935	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	112961	51.69	ug/l	-0.02
Spiked Amount 50.000			Recovery = 103.38%			
35) Dibromofluoromethane	4.10	113	160261	48.40	ug/l	-0.02
Spiked Amount 50.000			Recovery = 96.80%			
50) Toluene-d8	7.54	98	427552	43.44	ug/l	-0.02
Spiked Amount 50.000			Recovery = 86.88%			
62) 4-Bromofluorobenzene	11.40	95	193410	50.17	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	416	3.354	ug/l #	1
13) Acrolein	1.98	56	370	2.354	ug/l	96
16) Acetone	2.24	43	12764	27.883	ug/l	91
18) Methyl Acetate	2.37	43	3587	Below Cal	#	62
20) Methylene Chloride	2.18	84	9050	Below Cal	#	77
25) 2-Butanone	4.32	43	3561	3.824	ug/l #	89
29) Tetrahydrofuran	4.07	42	1393	3.469	ug/l #	54
40) Benzene	4.62	78	15404	1.315	ug/l	94
52) Toluene	7.61	92	10126	1.461	ug/l	90
59) 2-Hexanone	9.48	43	1231	1.065	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	13.75	75	70	3.907	ug/l #	1

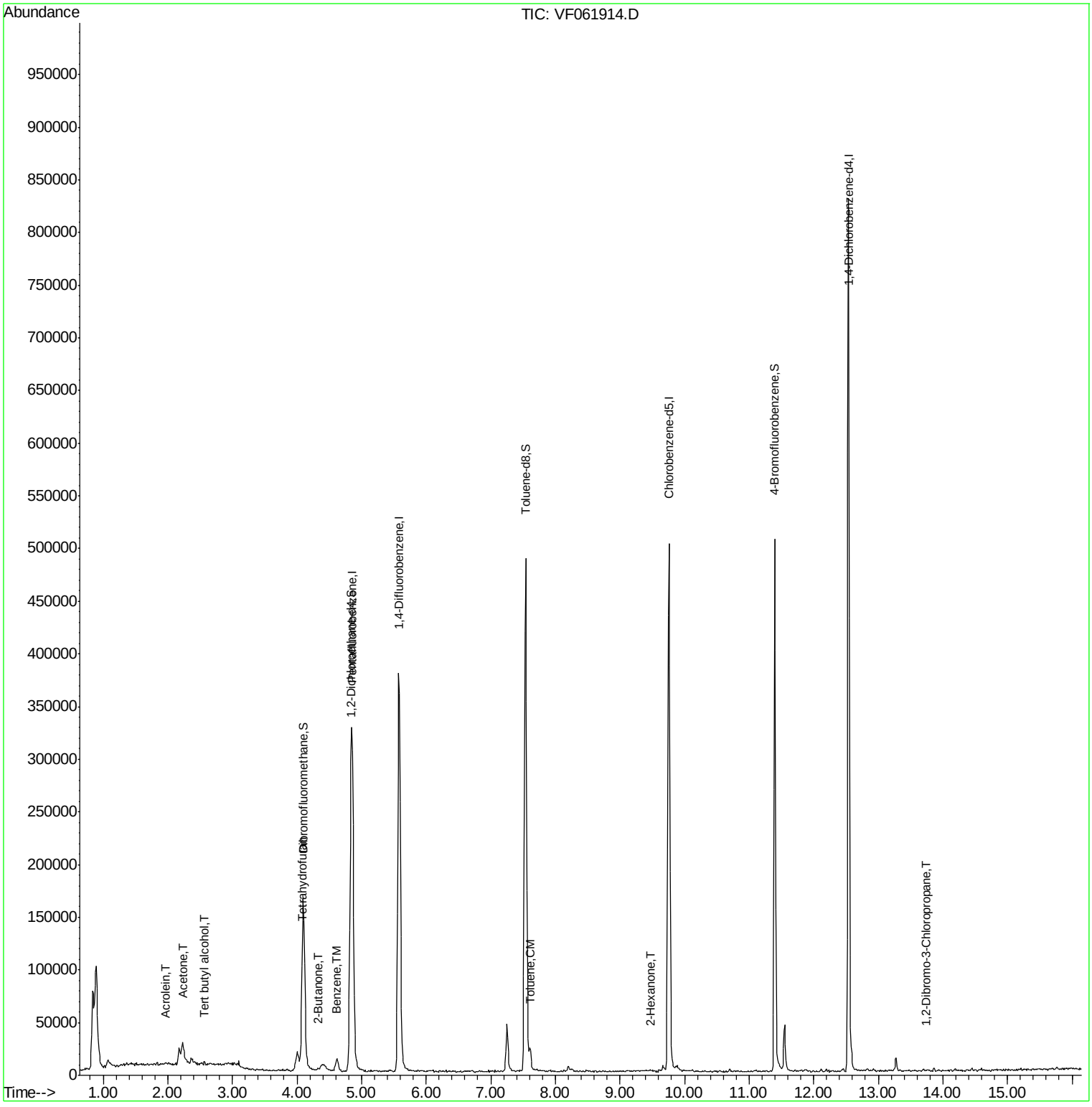
(#) = qualifier out of range (m) = manual integration (+) = signals summed

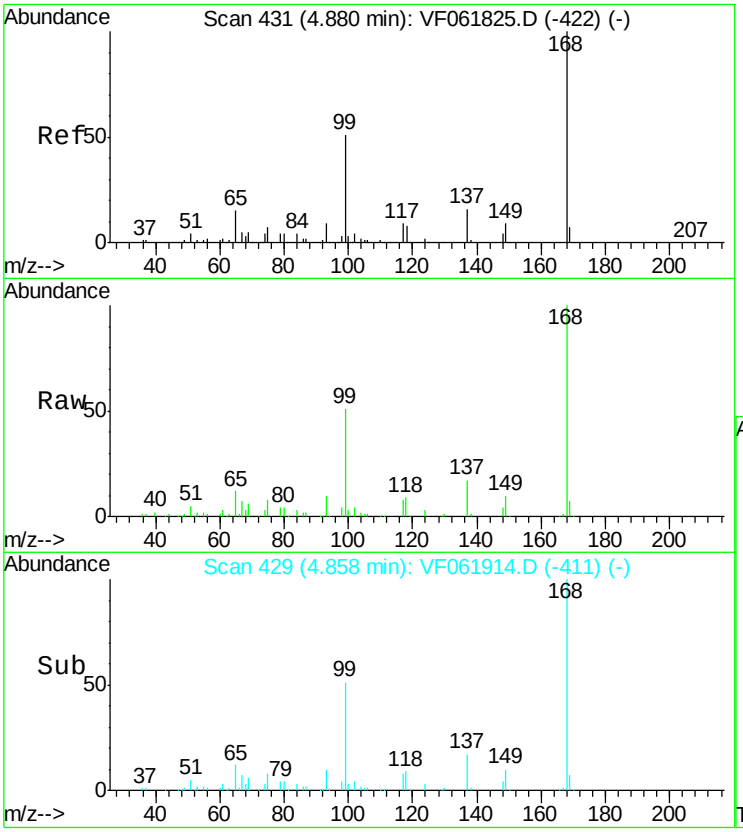
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031219\
Data File : VF061914.D
Acq On : 12 Mar 2019 19:33
Operator : VA/AP
Sample : K1866-07
Misc : 7.07g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-01-COMP

Quant Time: Mar 13 02:09:21 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



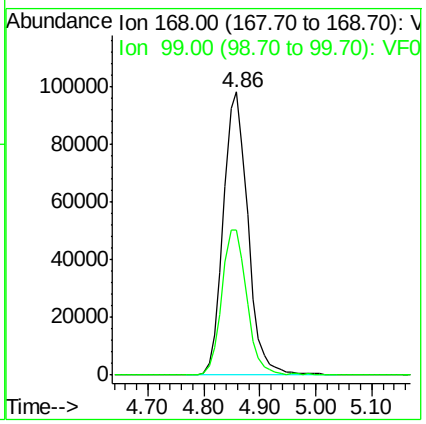


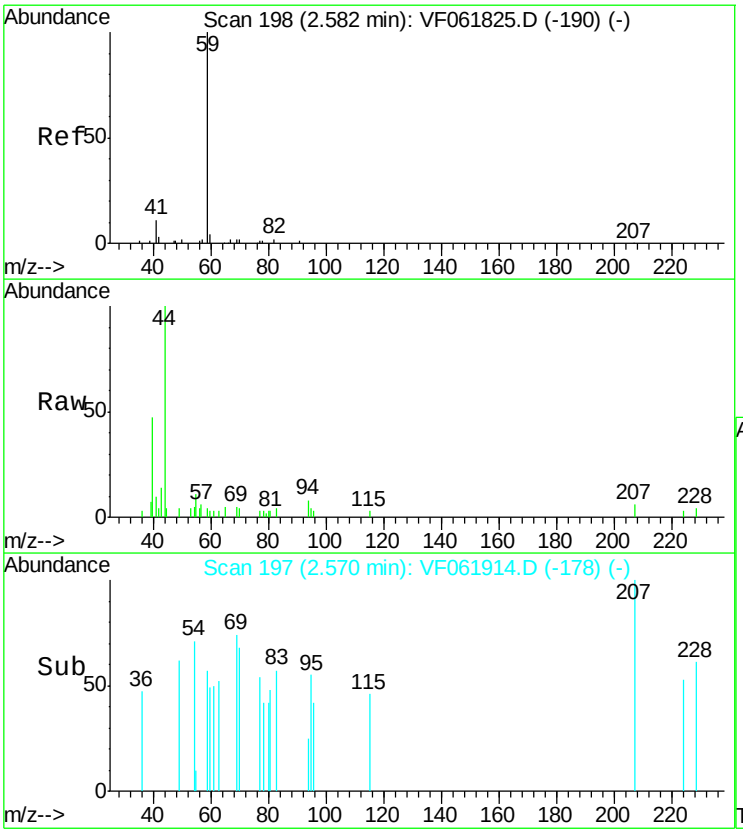
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion:168 Resp: 300083

Ion	Ratio	Lower	Upper
168	100		
99	51.4	40.8	61.2

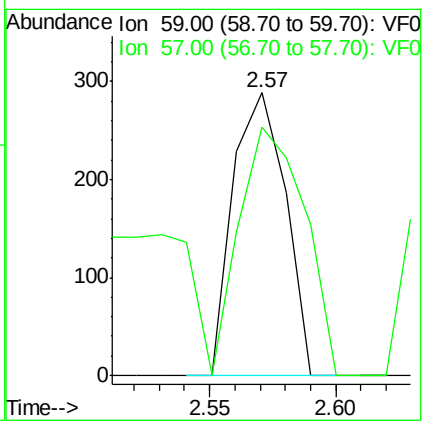


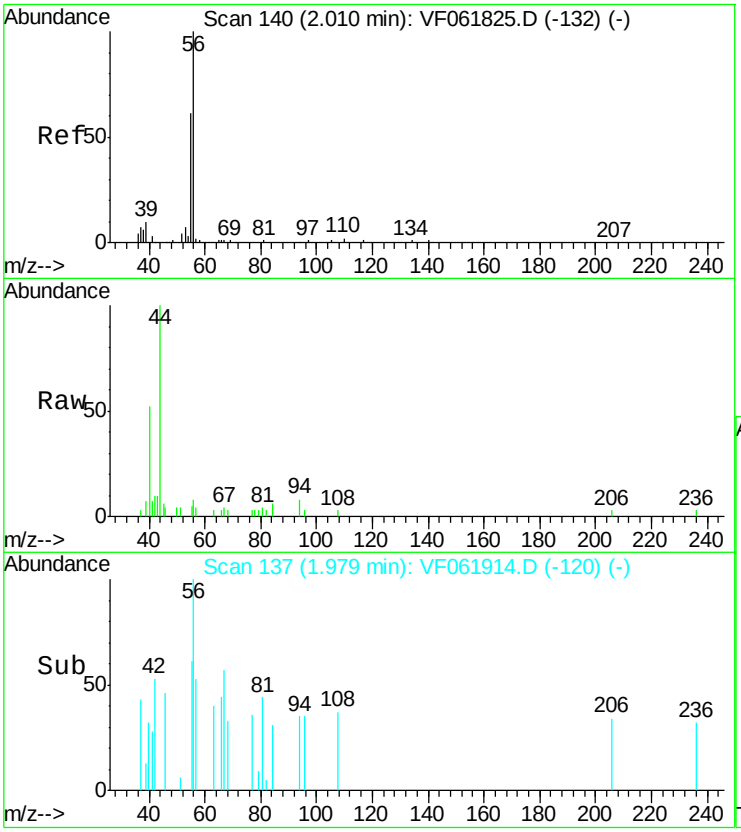


#11
Tert butyl alcohol
Concen: 3.354 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 59 Resp: 416

Ion	Ratio	Lower	Upper
59	100		
57	87.8	11.8	17.6#

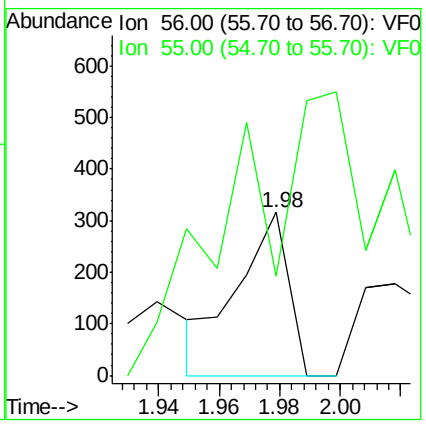




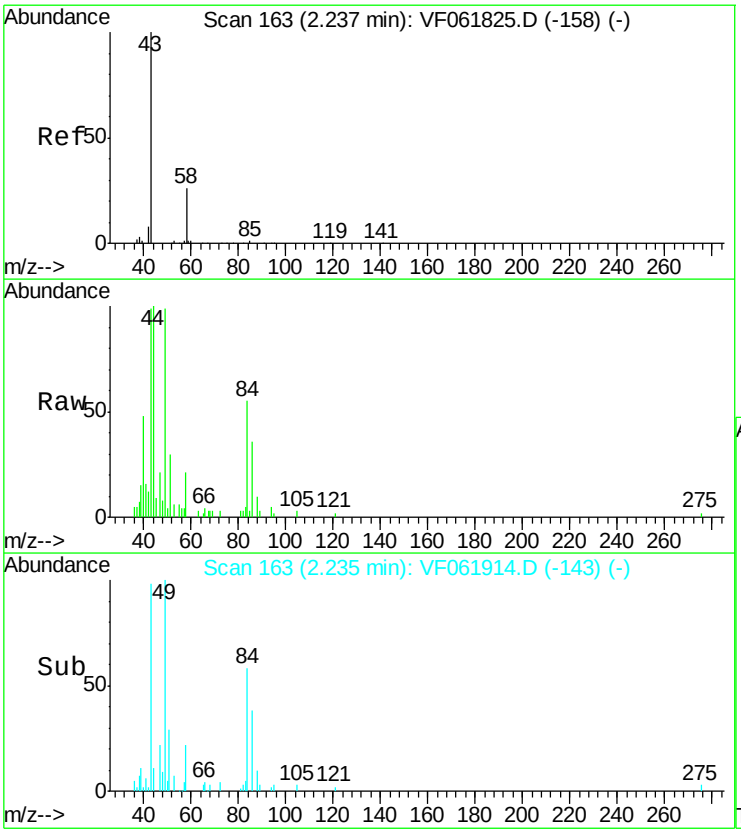
#13
Acrolein
Concen: 2.354 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.03 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 56 Resp: 370

Ion	Ratio	Lower	Upper
56	100		
55	61.1	51.3	76.9



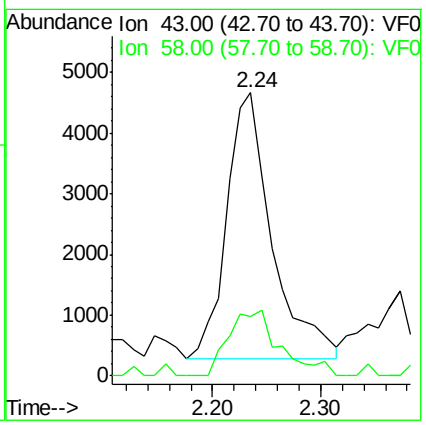
Instrument :
MSVOA_F
ClientSampleId :
MR-MH-01-COMP

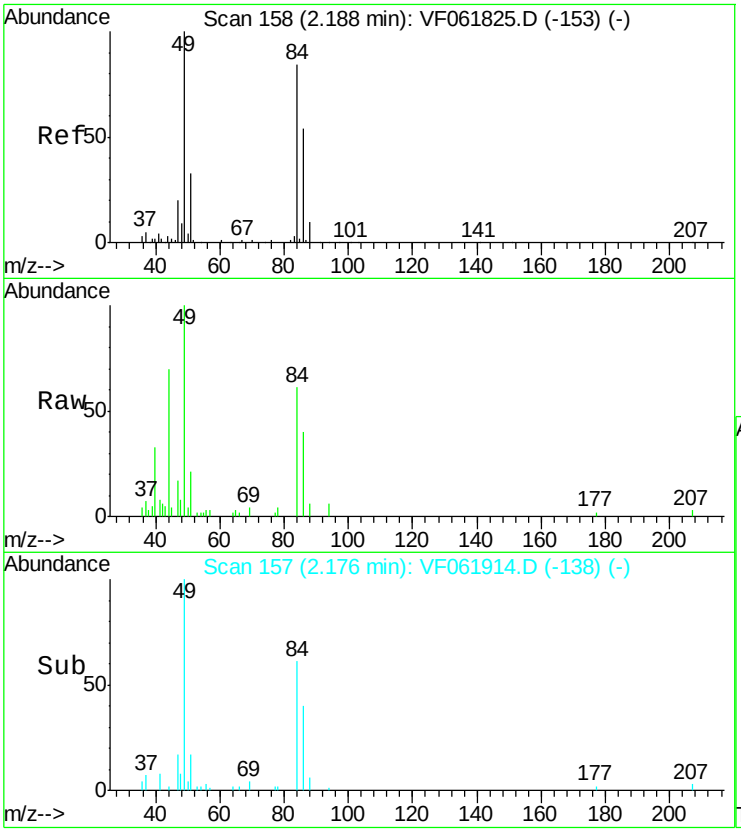


#16
Acetone
Concen: 27.883 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 43 Resp: 12764

Ion	Ratio	Lower	Upper
43	100		
58	21.0	20.3	30.5



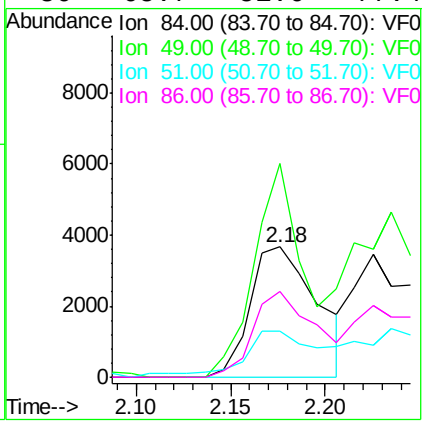


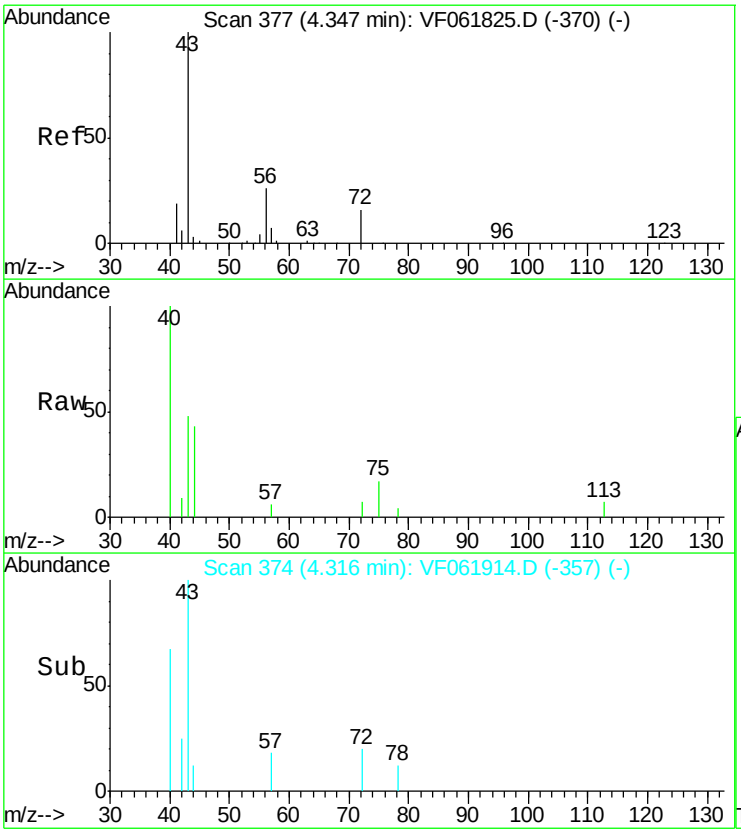
#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument : MSVOA_F
ClientSampleId : MR-MH-01-COMP

Tgt Ion: 84 Resp: 9050

Ion	Ratio	Lower	Upper
84	100		
49	164.4	96.8	145.2#
51	35.1	31.8	47.6
86	65.7	51.6	77.4

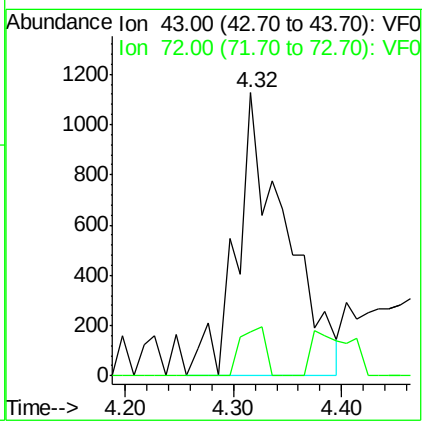


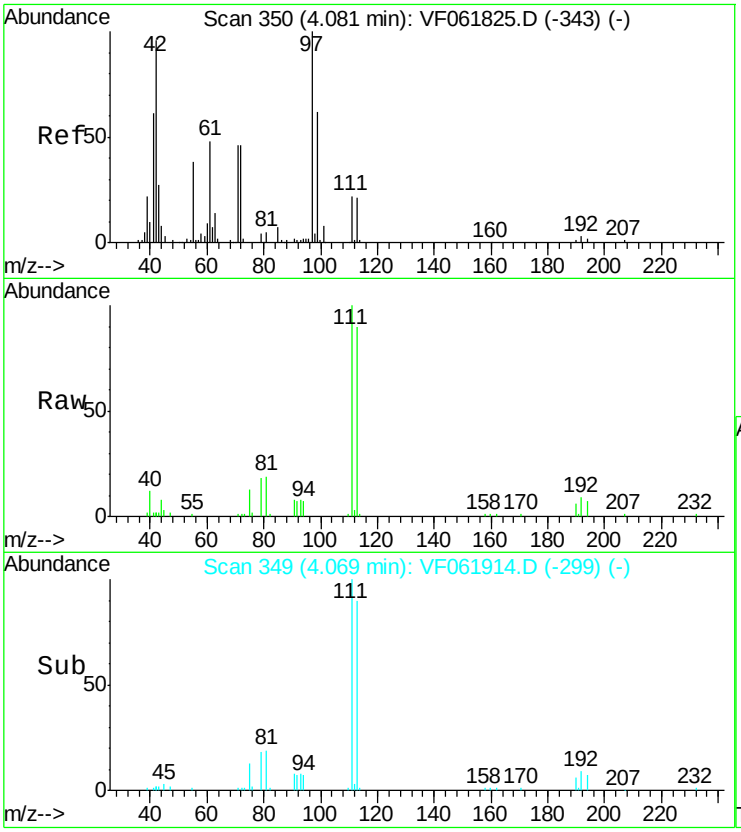


#25
2-Butanone
Concen: 3.824 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.03 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 43 Resp: 3561

Ion	Ratio	Lower	Upper
43	100		
72	15.4	16.2	24.4#



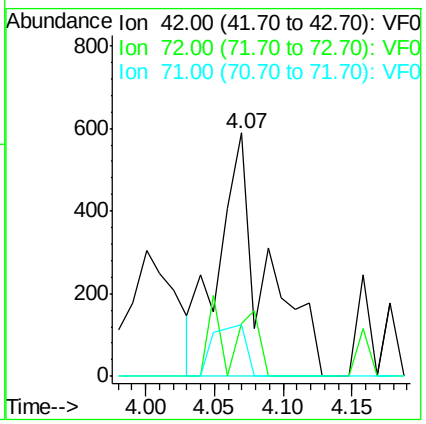


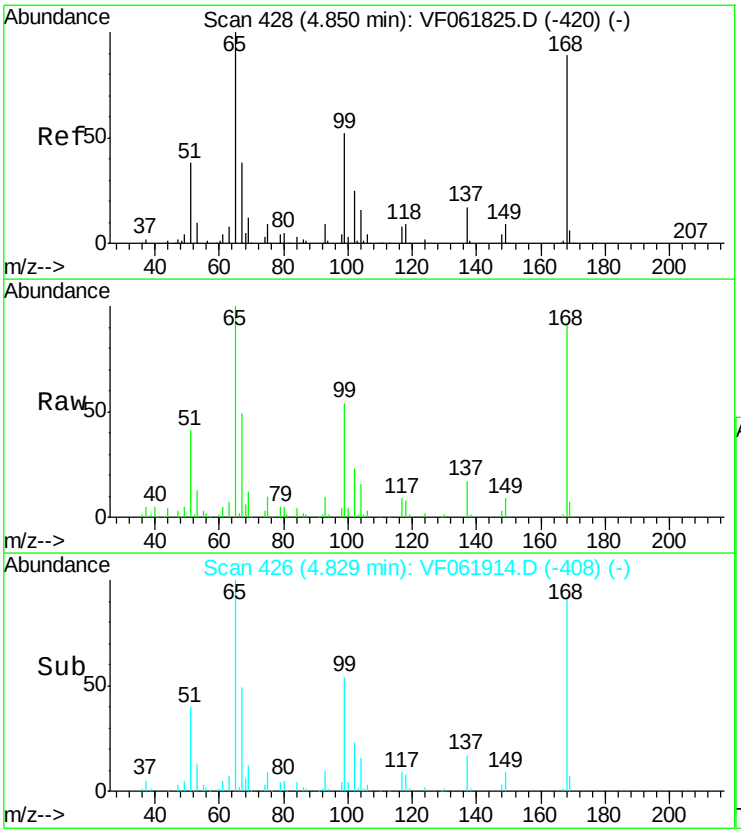
#29
Tetrahydrofuran
Concen: 3.469 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.01 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion: 42 Resp: 1393

Ion	Ratio	Lower	Upper
42	100		
72	12.1	34.4	51.6#
71	14.7	34.6	52.0#

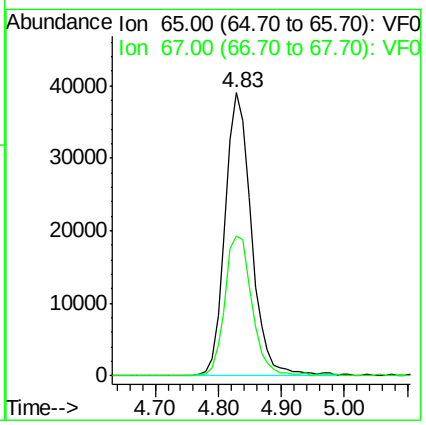


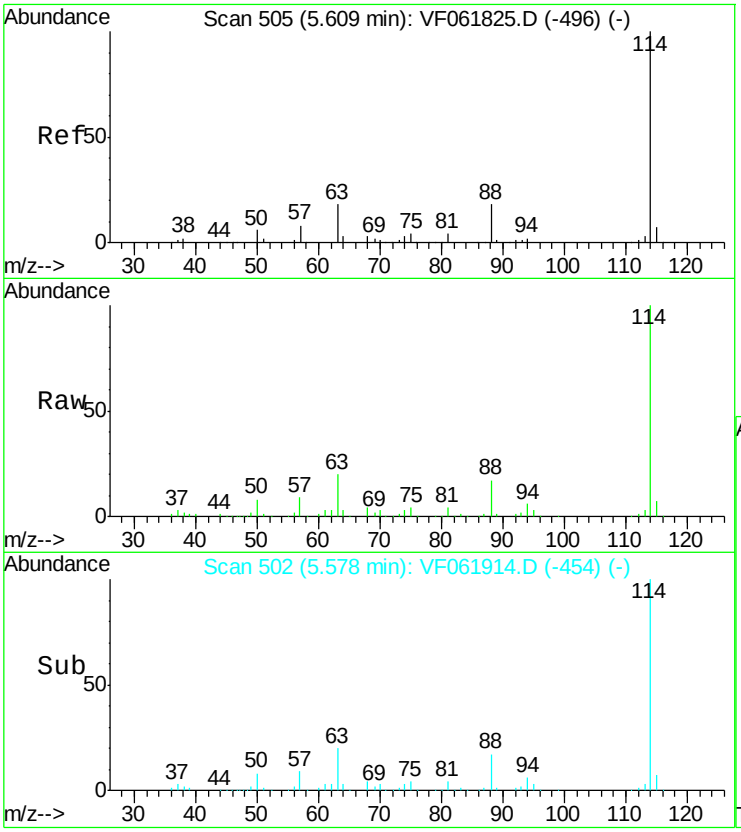


#33
1,2-Dichloroethane-d4
Concen: 51.690 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 65 Resp: 112961

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	108.6



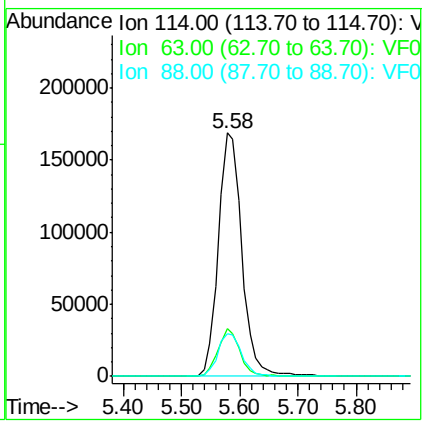


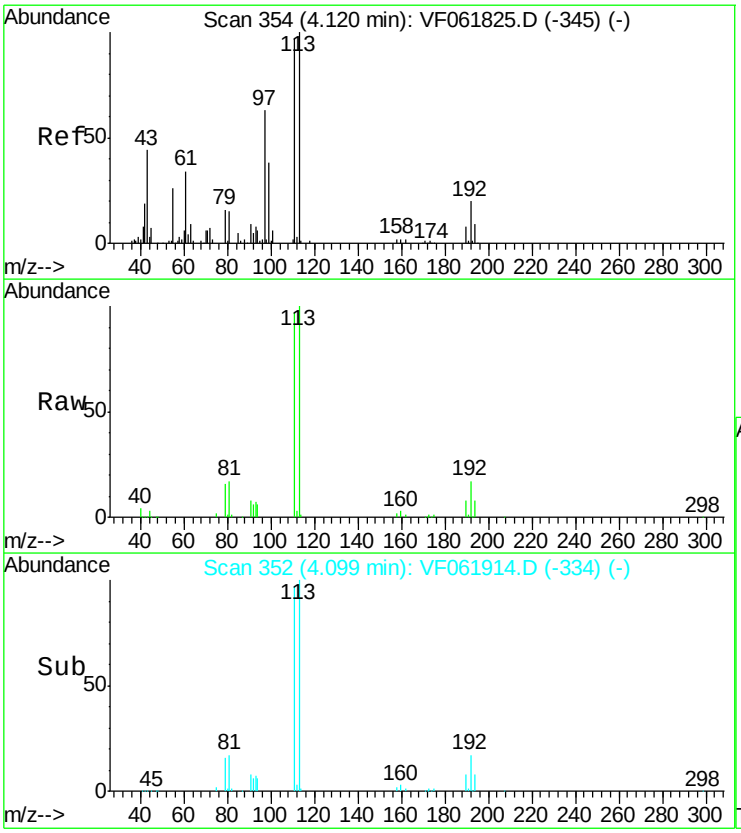
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument : MSVOA_F
ClientSampleId : MR-MH-01-COMP

Tgt Ion:114 Resp: 474493

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	35.6
88	17.4	0.0	35.6

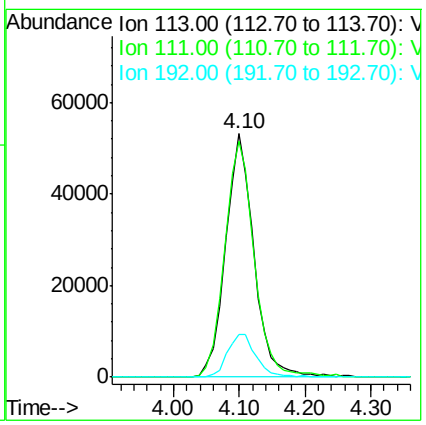


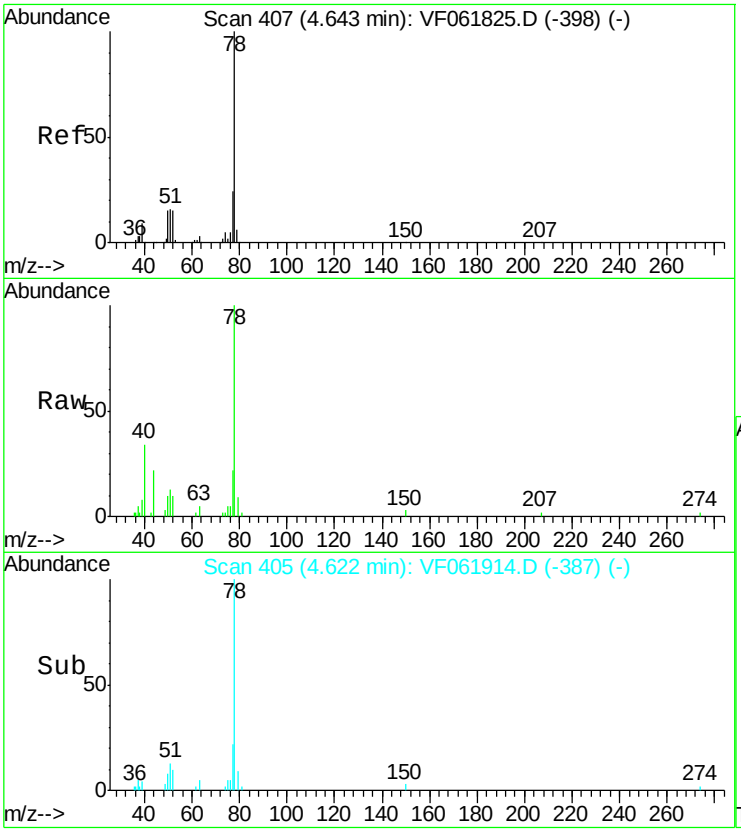


#35
Dibromofluoromethane
Concen: 48.398 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion:113 Resp: 160261

Ion	Ratio	Lower	Upper
113	100		
111	96.9	77.6	116.4
192	17.7	15.9	23.9



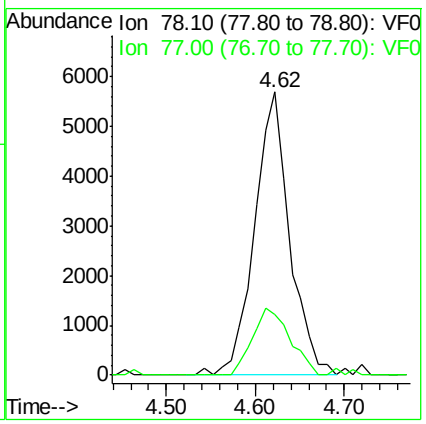


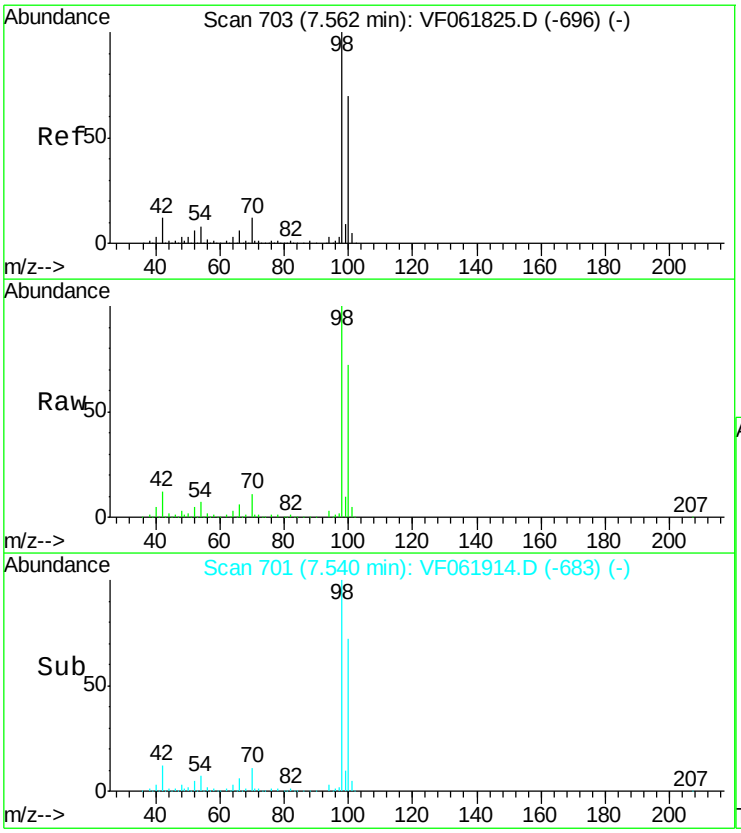
#40
Benzene
Concen: 1.315 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion: 78 Resp: 15404

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.5	29.3

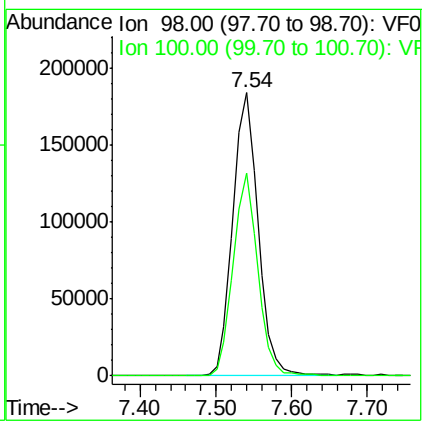


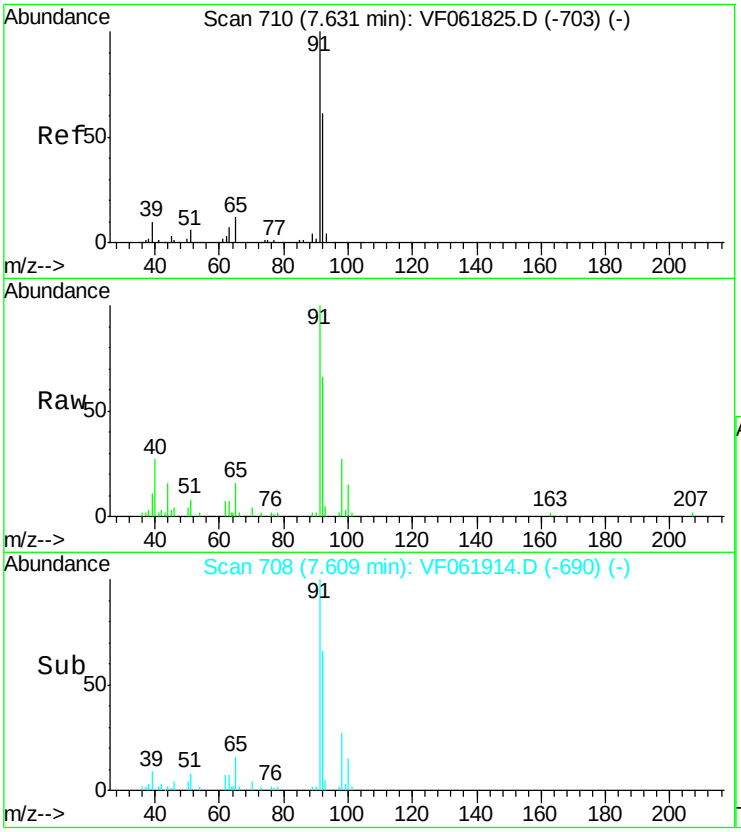


#50
Toluene-d8
Concen: 43.440 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 98 Resp: 427552

Ion	Ratio	Lower	Upper
98	100		
100	71.6	56.0	84.0



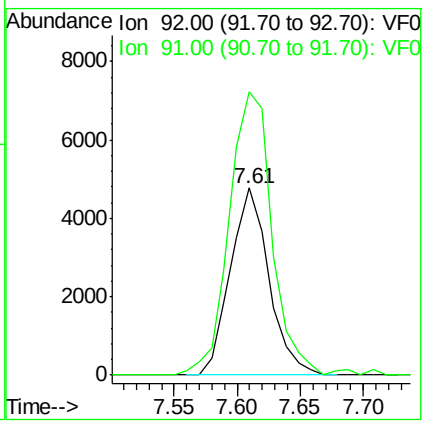


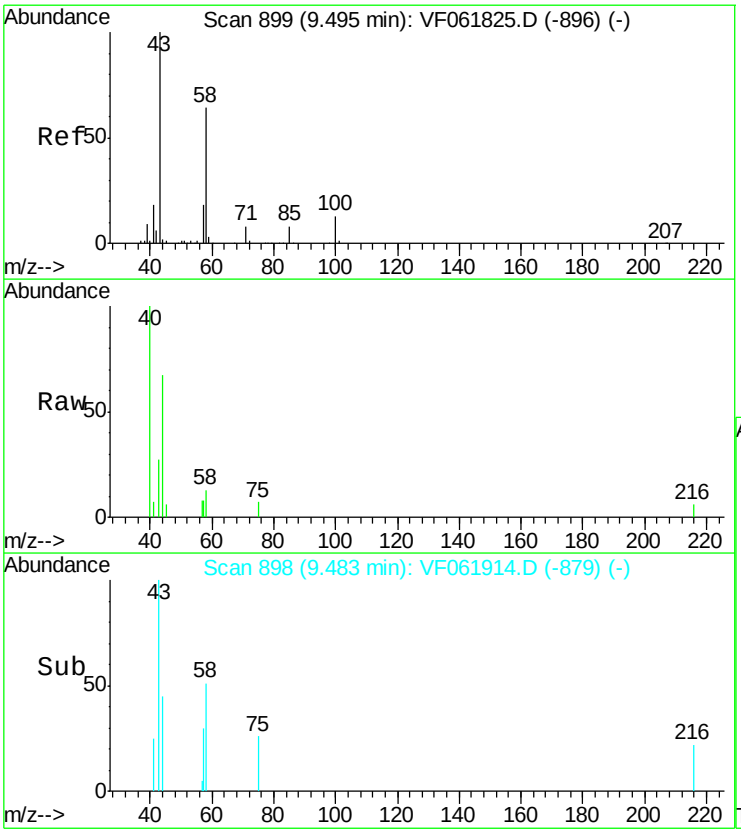
#52
Toluene
Concen: 1.461 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion: 92 Resp: 10126

Ion	Ratio	Lower	Upper
92	100		
91	151.6	132.0	198.0

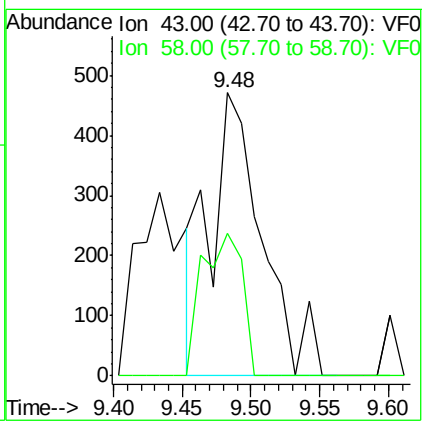


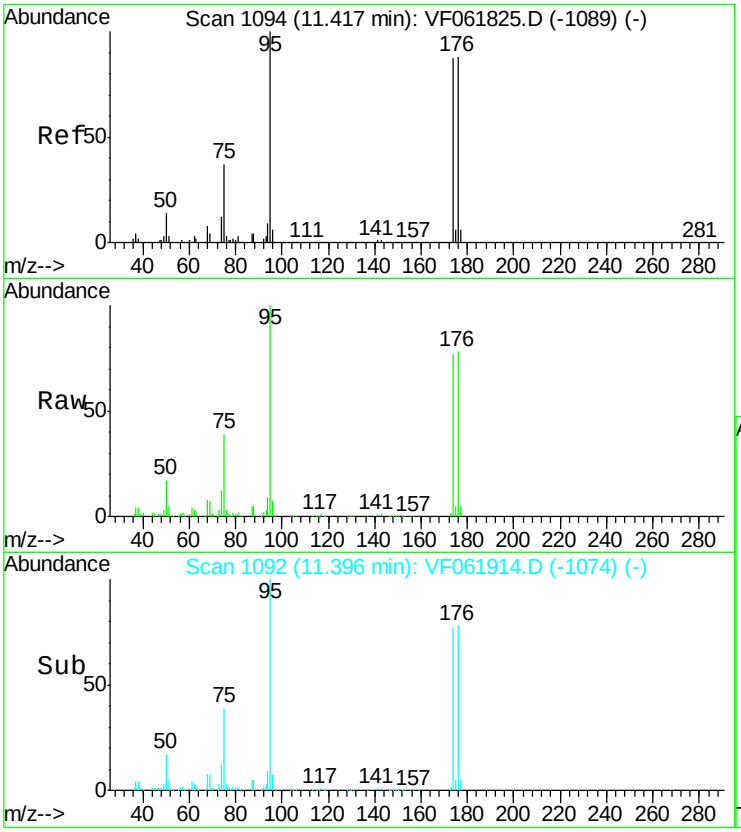


#59
2-Hexanone
Concen: 1.065 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 43 Resp: 1231

Ion	Ratio	Lower	Upper
43	100		
58	50.5	28.8	86.4



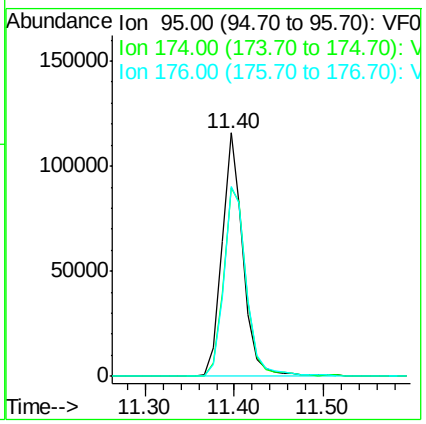


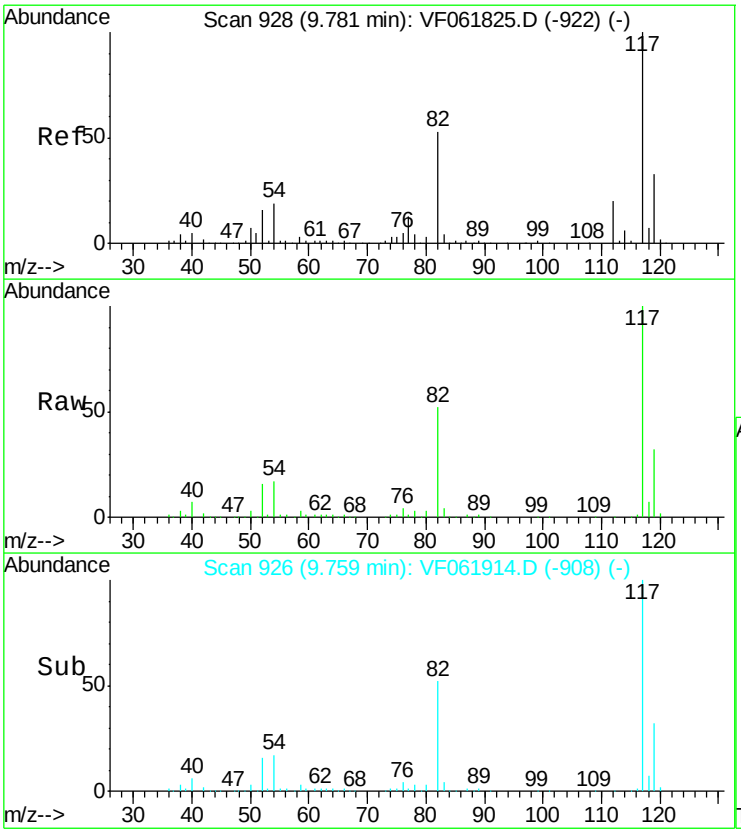
#62
4-Bromofluorobenzene
Concen: 50.165 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-01-COMP

Tgt Ion: 95 Resp: 193410

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	174.0
176	77.9	0.0	175.2

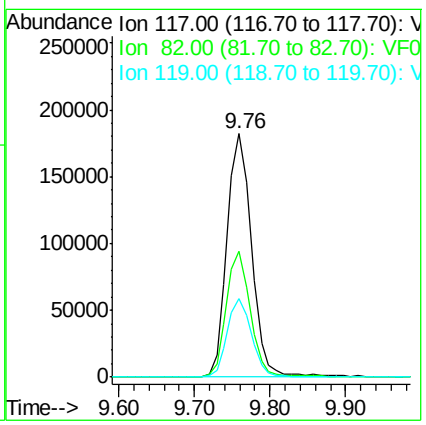


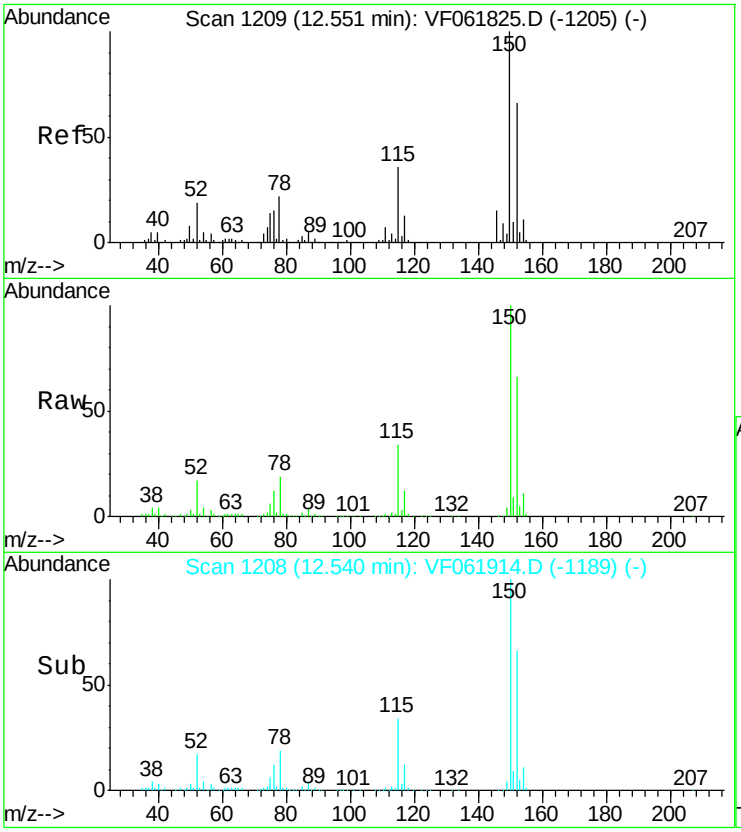


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion:117 Resp: 409508

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	63.8
119	32.5	26.0	39.0



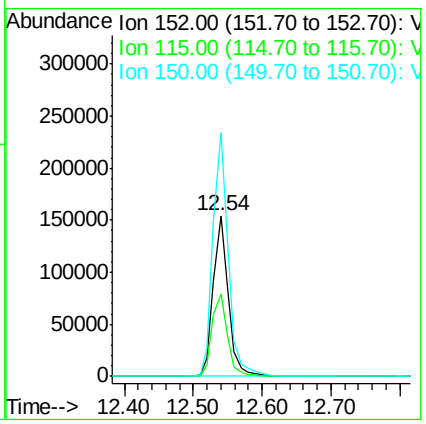


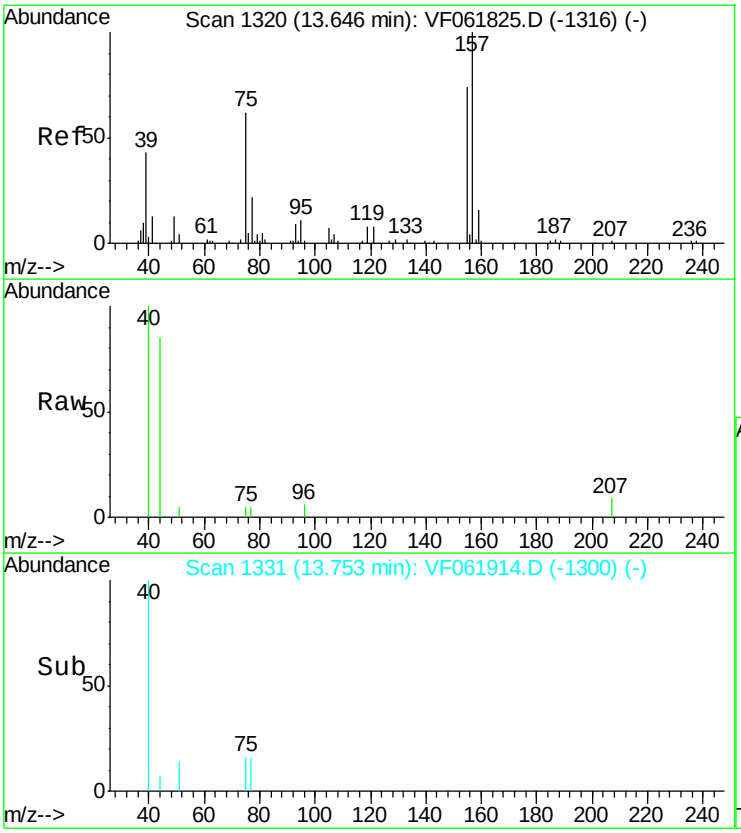
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Instrument : MSVOA_F
ClientSampleId : MR-MH-01-COMP

Tgt Ion:152 Resp: 233935

Ion	Ratio	Lower	Upper
152	100		
115	51.1	27.7	83.1
150	151.6	0.0	304.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 3.907 ug/l
RT: 13.75 min Scan# 1331
Delta R.T. 0.11 min
Lab File: VF061914.D
Acq: 12 Mar 2019 19:33

Tgt Ion: 75 Resp: 70

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