Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061614.D
Acq On : 12 Feb 2019 17:43
Operator : VA/AP
Sample : K1343-15
Misc : 6.50g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-H

Quant Time: Feb 13 02:50:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	198578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	361298	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	281587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	120271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	123370	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.64%			
35) Dibromofluoromethane	4.11	113	133867	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.92%			
50) Toluene-d8	7.55	98	264711	33.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 67.78%			
62) 4-Bromofluorobenzene	11.41	95	120775	33.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.18%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	242	2.332	ug/l #	1
13) Acrolein	2.11	56	543	16.160	ug/l	88
14) Allyl chloride	2.08	41	634	Below Cal	#	47
16) Acetone	2.24	43	22043	44.817	ug/l	96
18) Methyl Acetate	2.24	43	22043	22.599	ug/l #	61
23) Vinyl Acetate	3.15	43	784	3.474	ug/l #	78
25) 2-Butanone	4.34	43	1950	2.384	ug/l #	57
29) Tetrahydrofuran	4.11	42	1324	3.759	ug/l	94
51) 4-Methyl-2-Pentanone	8.27	43	2096	1.357	ug/l #	39
92) 1,2-Dibromo-3-Chloropropan	13.70	75	340	1.100	ug/l #	1

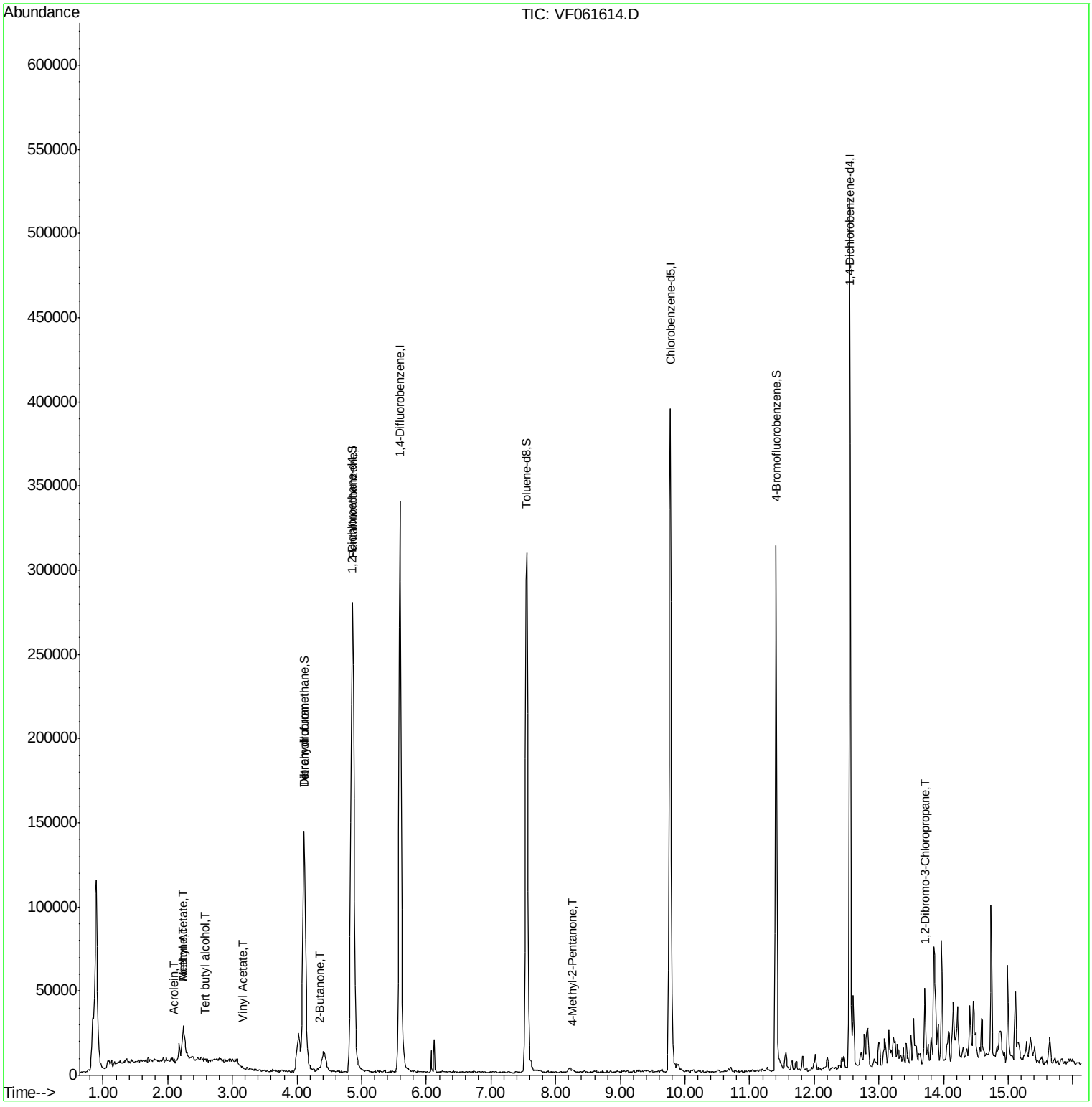
(#) = qualifier out of range (m) = manual integration (+) = signals summed

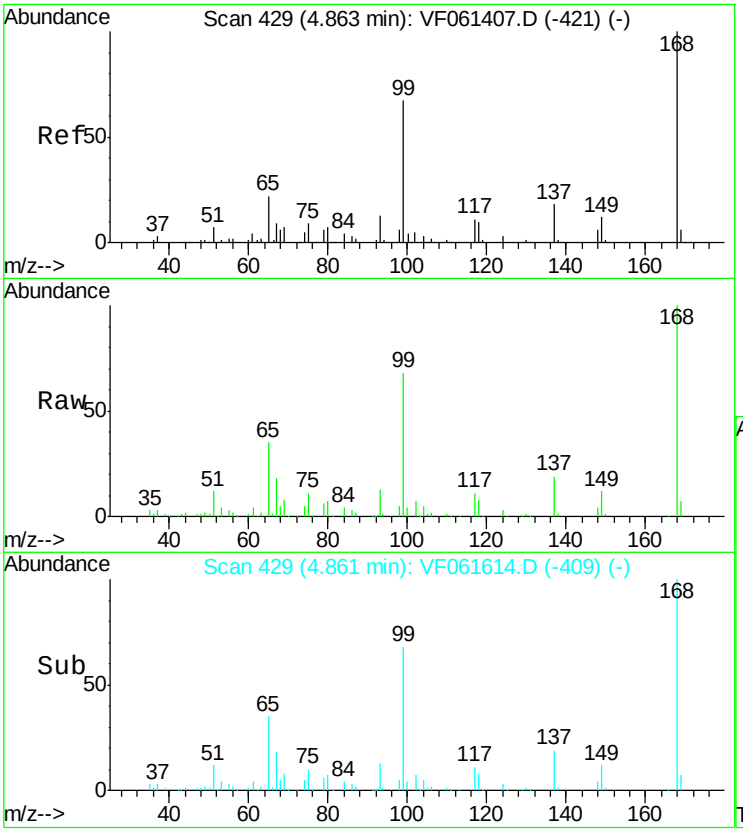
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061614.D
Acq On : 12 Feb 2019 17:43
Operator : VA/AP
Sample : K1343-15
Misc : 6.50g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-H

Quant Time: Feb 13 02:50:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



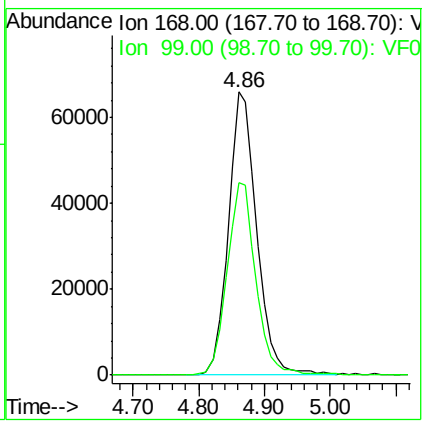


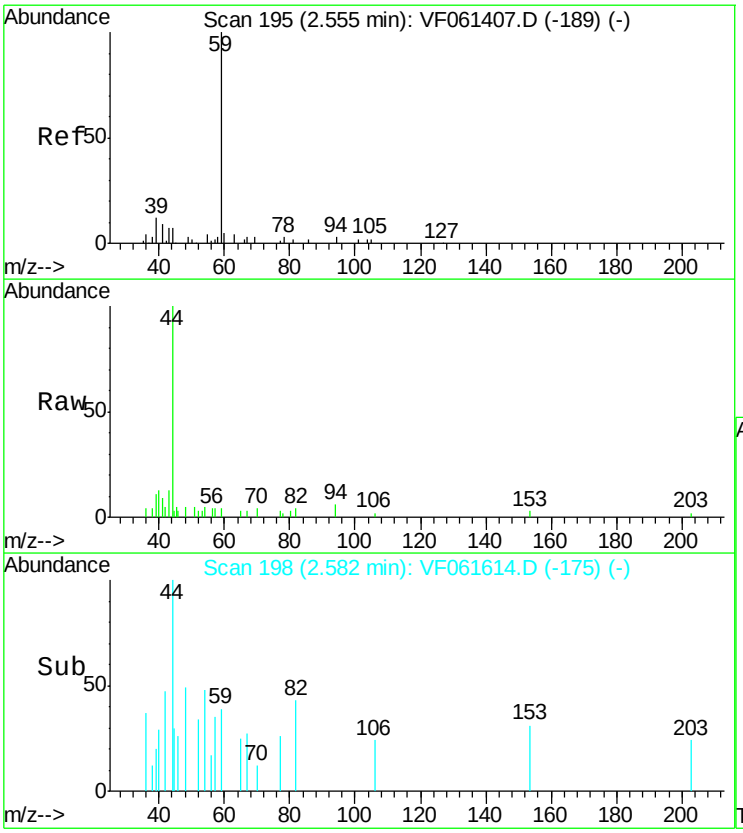
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.00 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-H

Tgt Ion:168 Resp: 198578

Ion	Ratio	Lower	Upper
168	100		
99	68.0	53.5	80.3

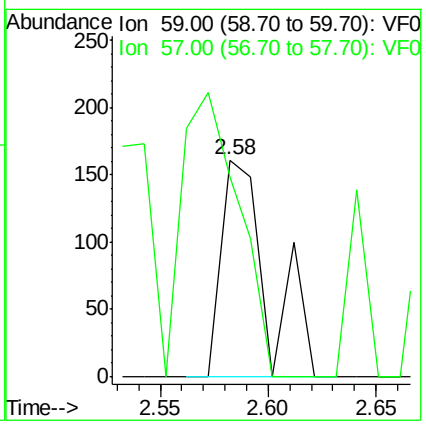


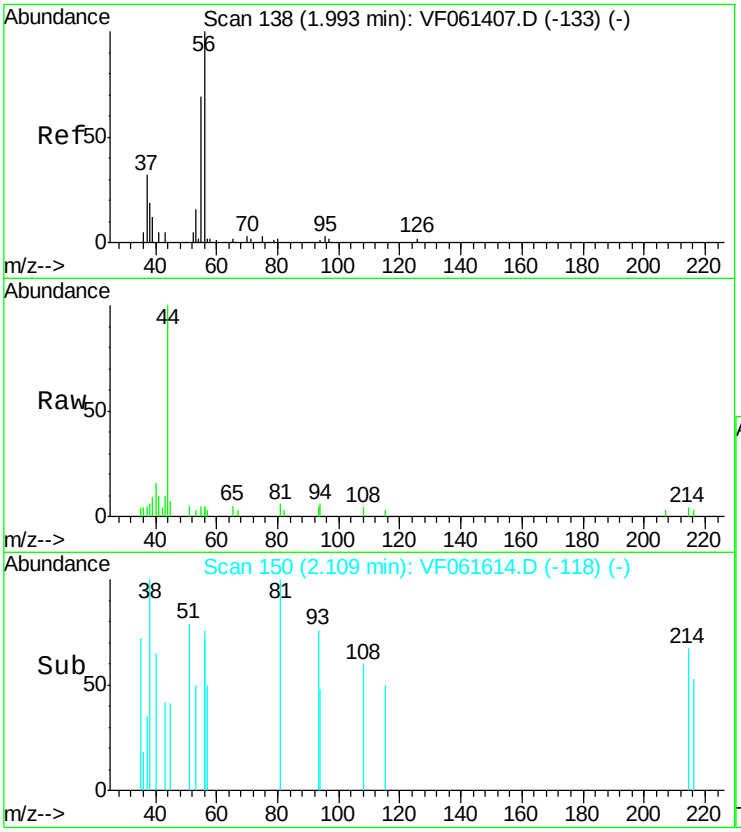


#11
Tert butyl alcohol
Concen: 2.332 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion: 59 Resp: 242

Ion	Ratio	Lower	Upper
59	100		
57	91.9	11.9	17.9#



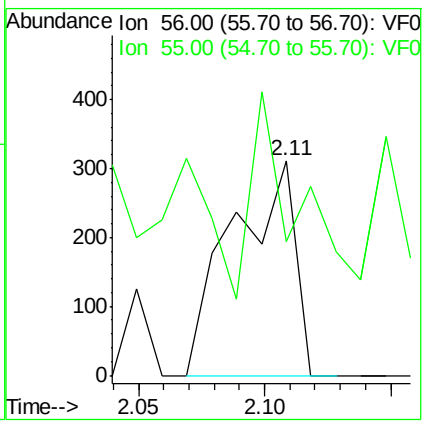


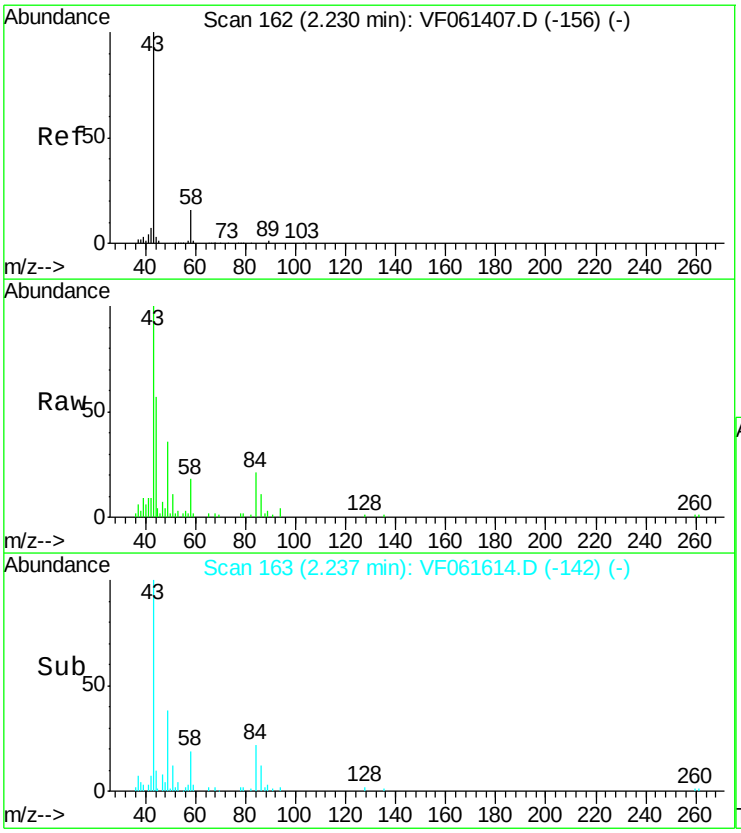
#13
Acrolein
Concen: 16.160 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.12 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-H

Tgt Ion: 56 Resp: 543

Ion	Ratio	Lower	Upper
56	100		
55	62.2	57.5	86.3

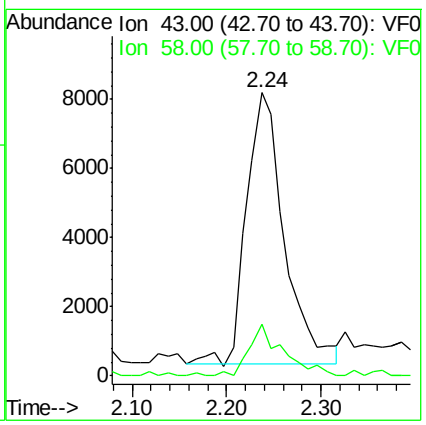


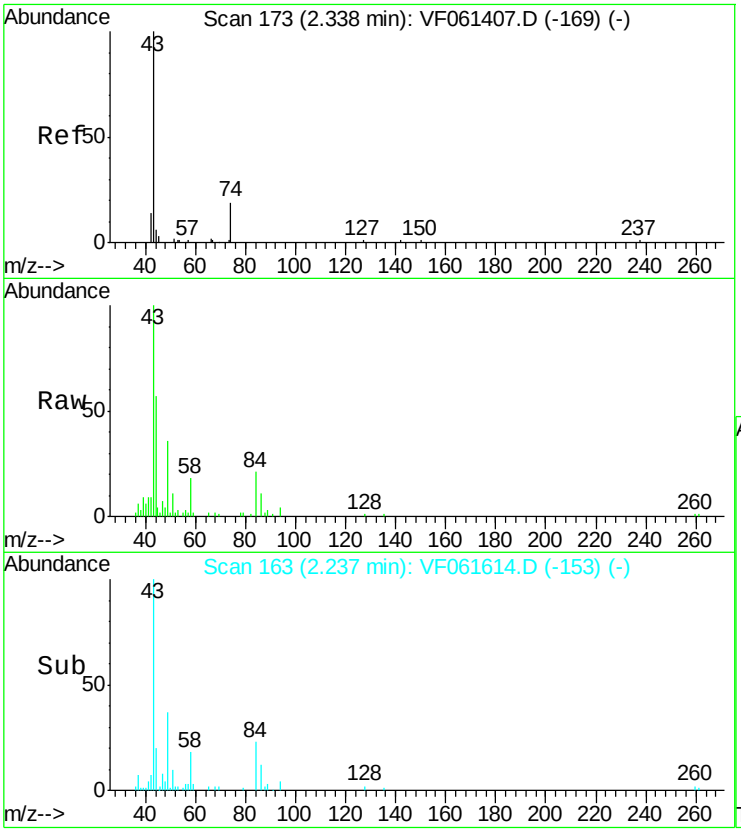


#16
Acetone
Concen: 44.817 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion: 43 Resp: 22043

Ion	Ratio	Lower	Upper
43	100		
58	18.3	13.3	19.9



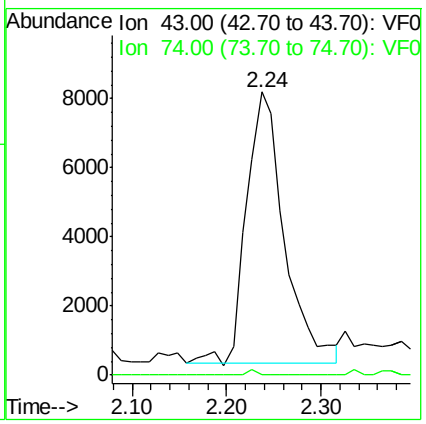


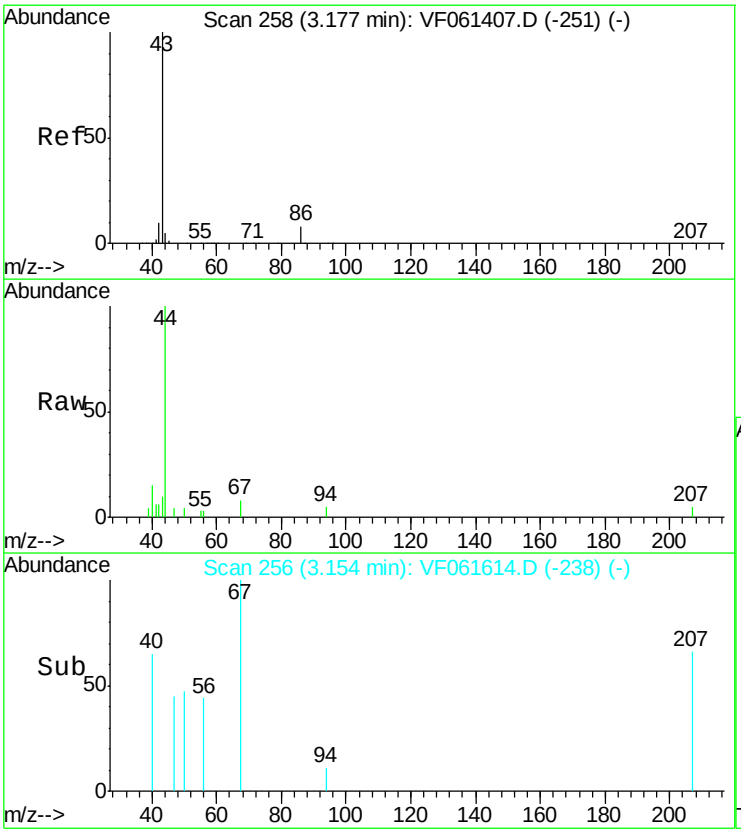
#18
Methyl Acetate
Concen: 22.599 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.10 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-H

Tgt Ion: 43 Resp: 22043

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#

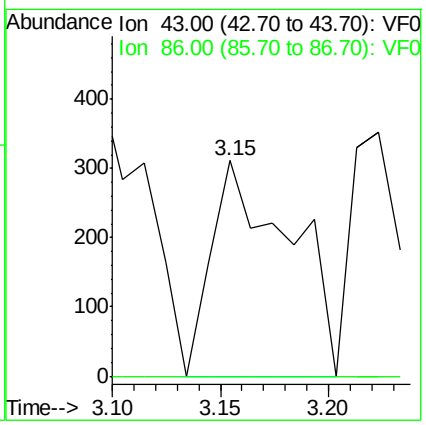


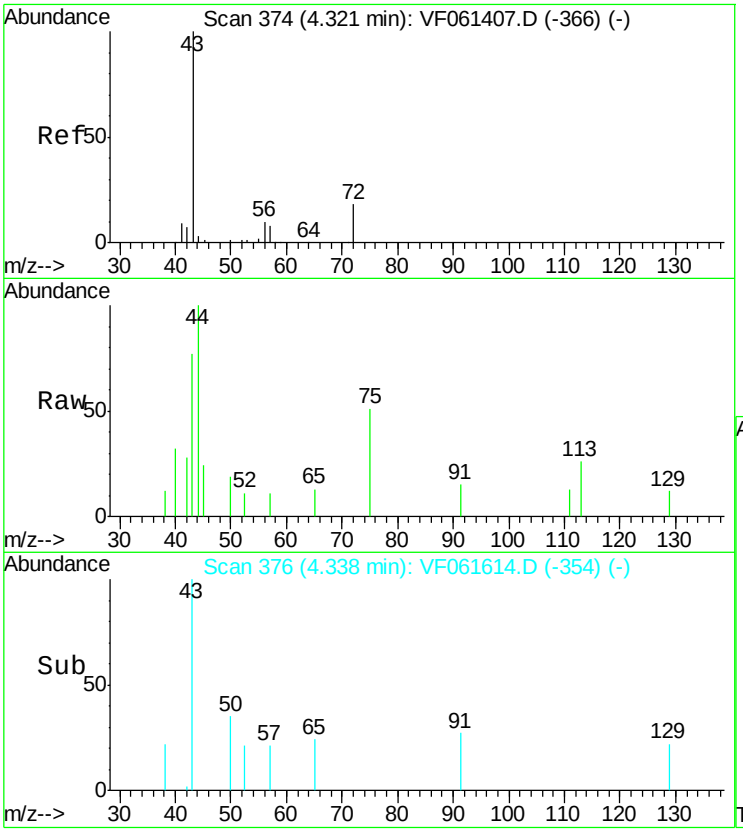


#23
Vinyl Acetate
Concen: 3.474 ug/l
RT: 3.15 min Scan# 256
Delta R.T. -0.02 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion: 43 Resp: 784

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#



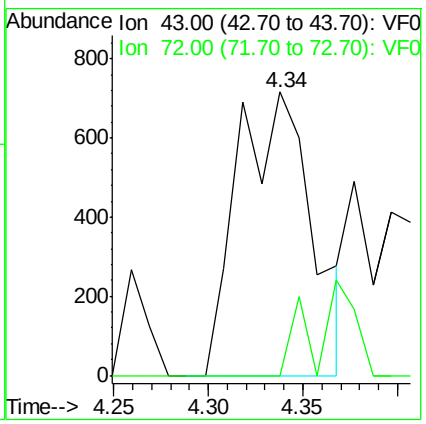


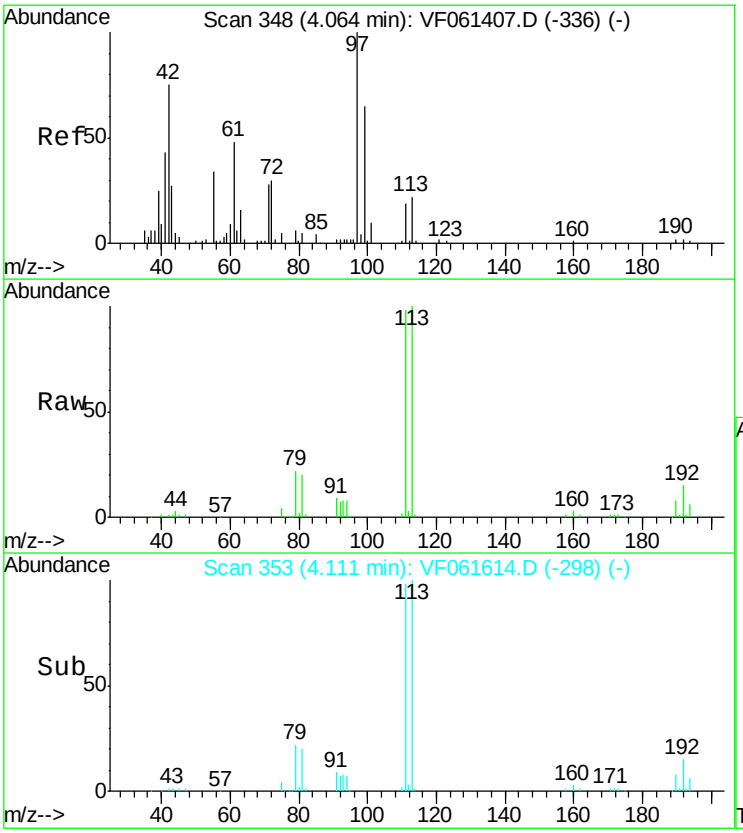
#25
2-Butanone
Concen: 2.384 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.02 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-H

Tgt Ion: 43 Resp: 1950

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#

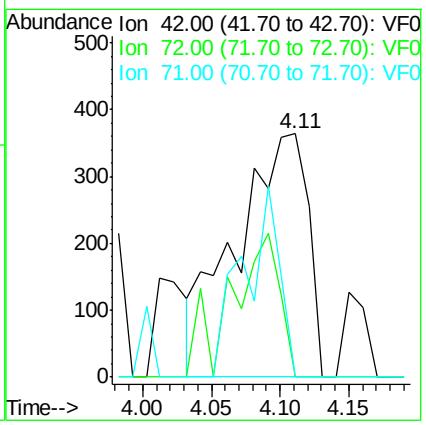


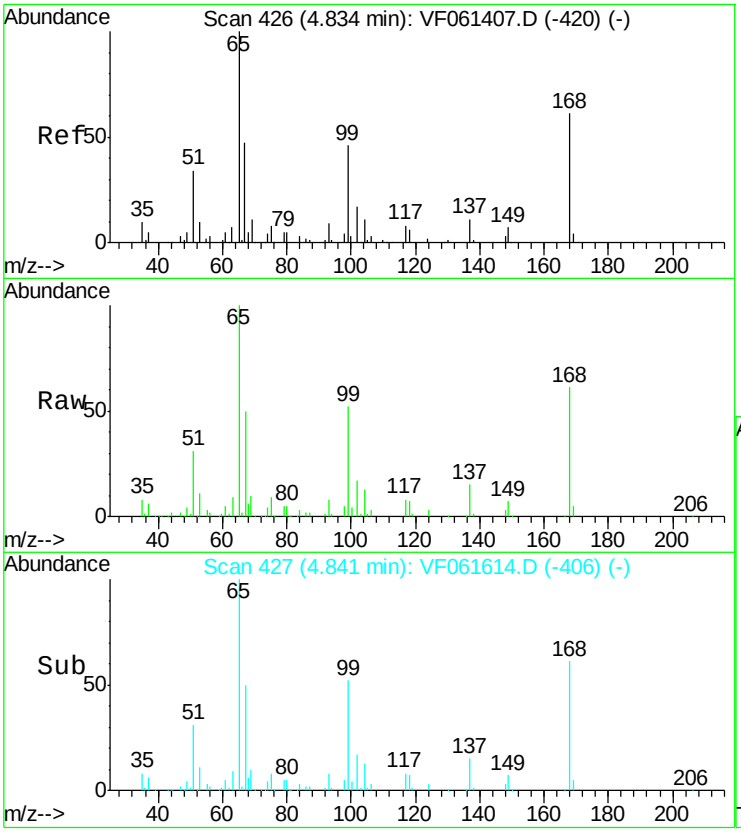


#29
Tetrahydrofuran
Concen: 3.759 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.05 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion: 42 Resp: 1324

Ion	Ratio	Lower	Upper
42	100		
72	40.1	28.9	43.3
71	39.6	29.6	44.4



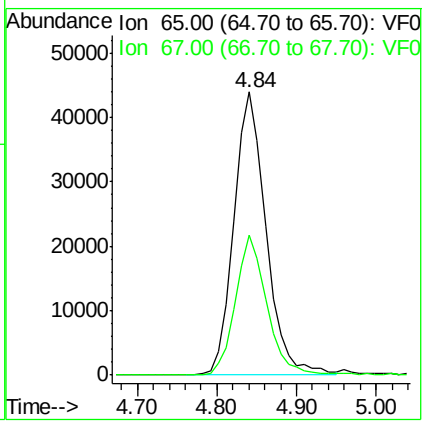


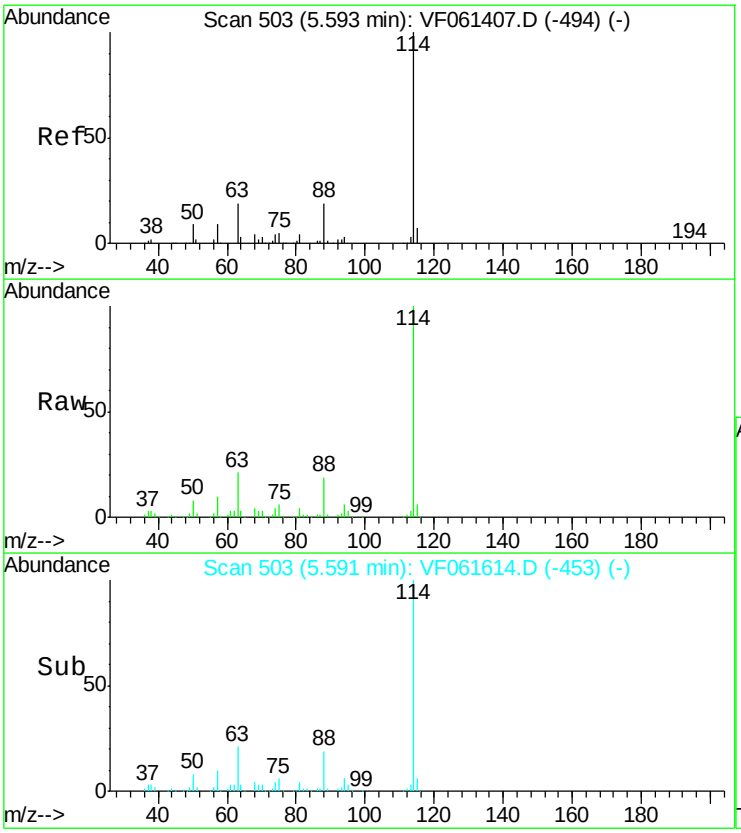
#33
1,2-Dichloroethane-d4
Concen: 50.320 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-H

Tgt Ion: 65 Resp: 123370

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.8

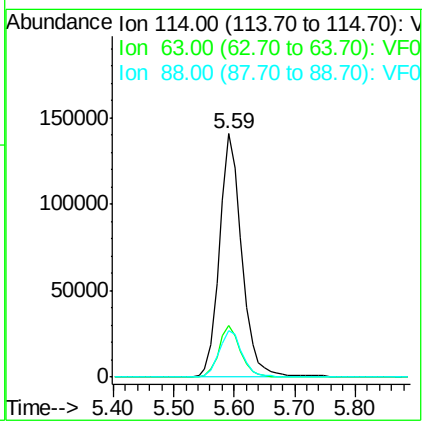


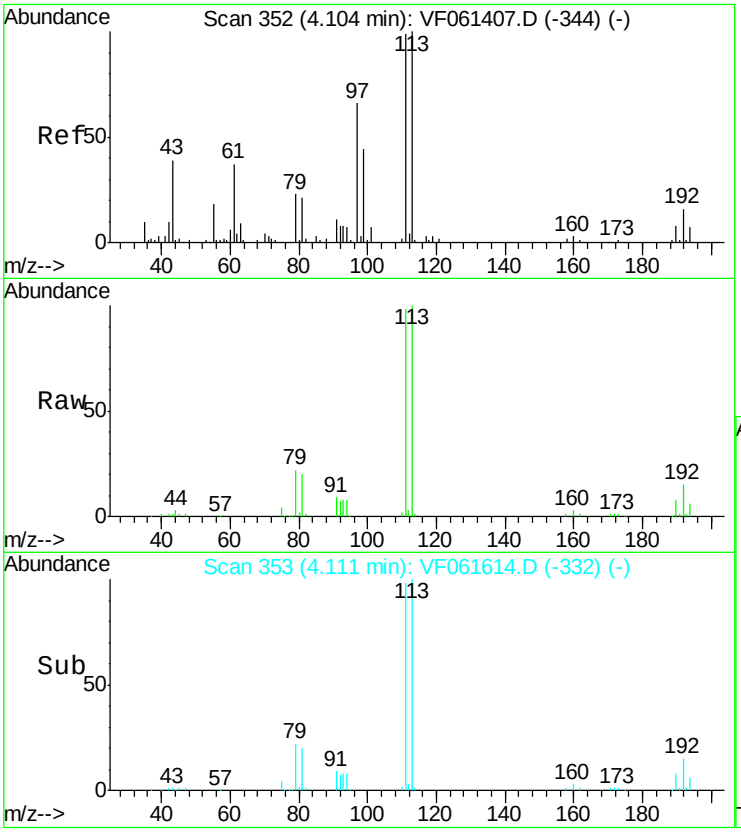


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion:114 Resp: 361298

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.0
88	19.2	0.0	37.4



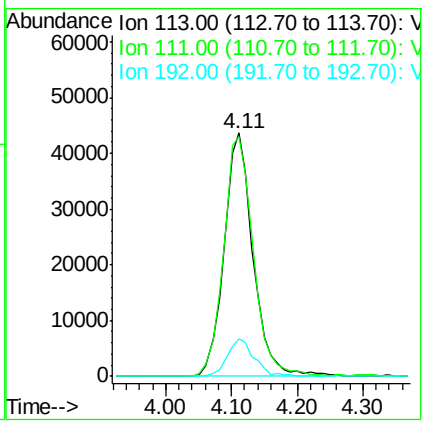


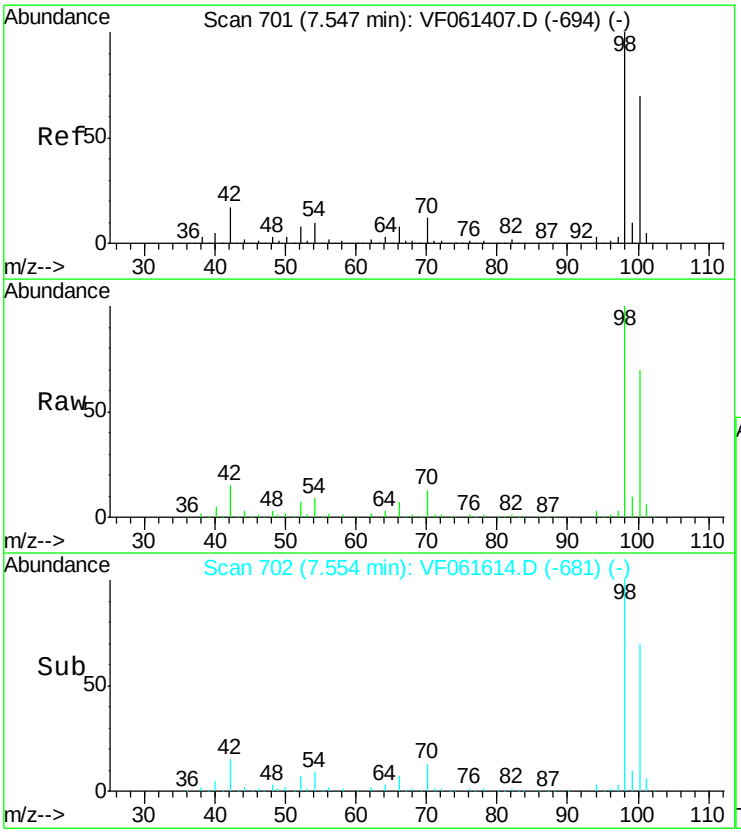
#35
Dibromofluoromethane
Concen: 46.955 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-H

Tgt Ion:113 Resp: 133867

Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.4	119.0
192	15.3	12.4	18.6

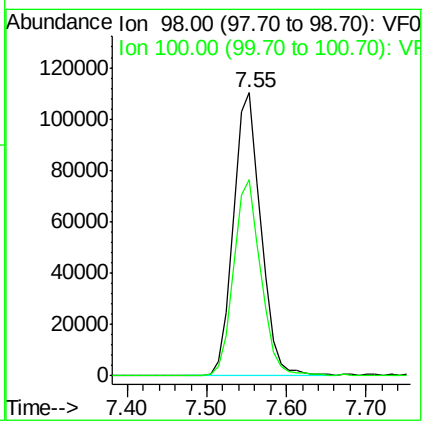


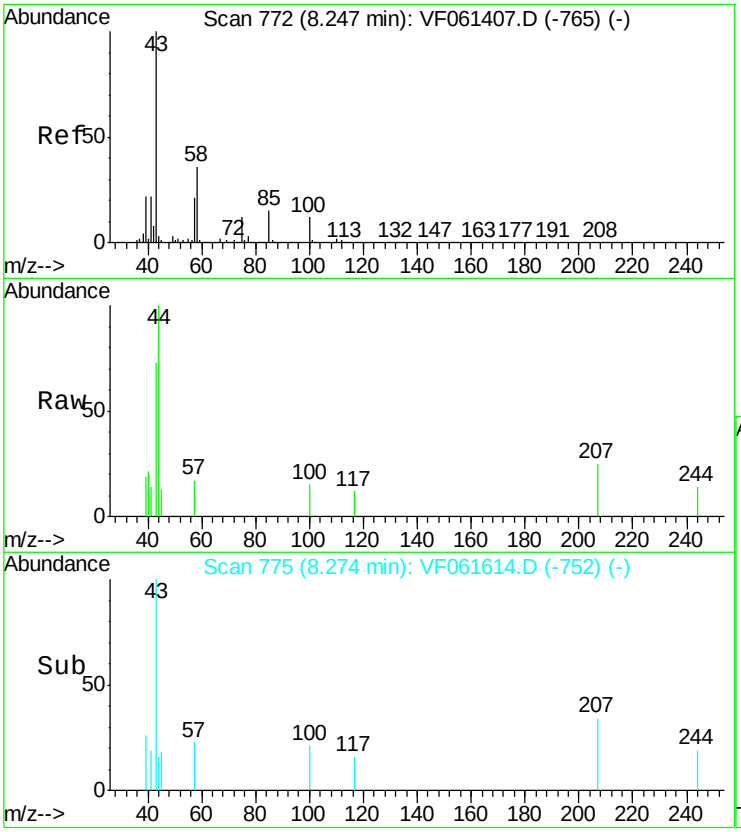


#50
Toluene-d8
Concen: 33.889 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion: 98 Resp: 264711

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.6	83.4



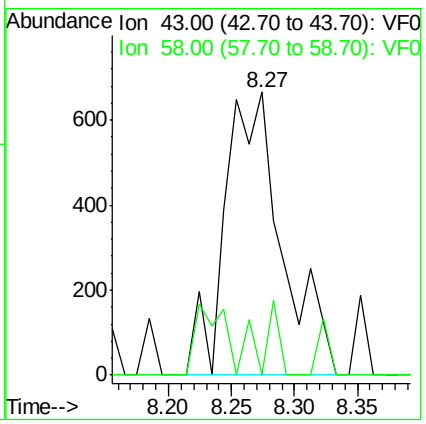


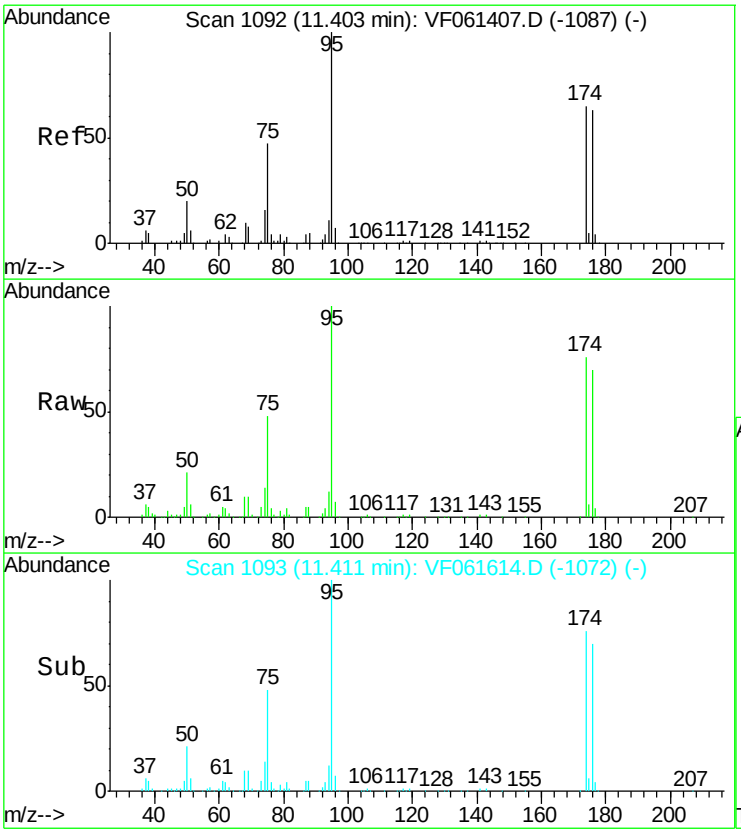
#51
4-Methyl-2-Pentanone
Concen: 1.357 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.03 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-H

Tgt Ion: 43 Resp: 2096

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	43.2#

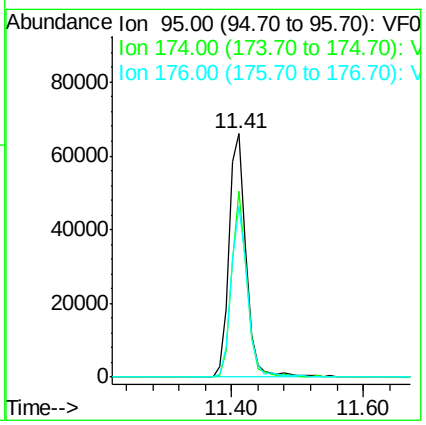


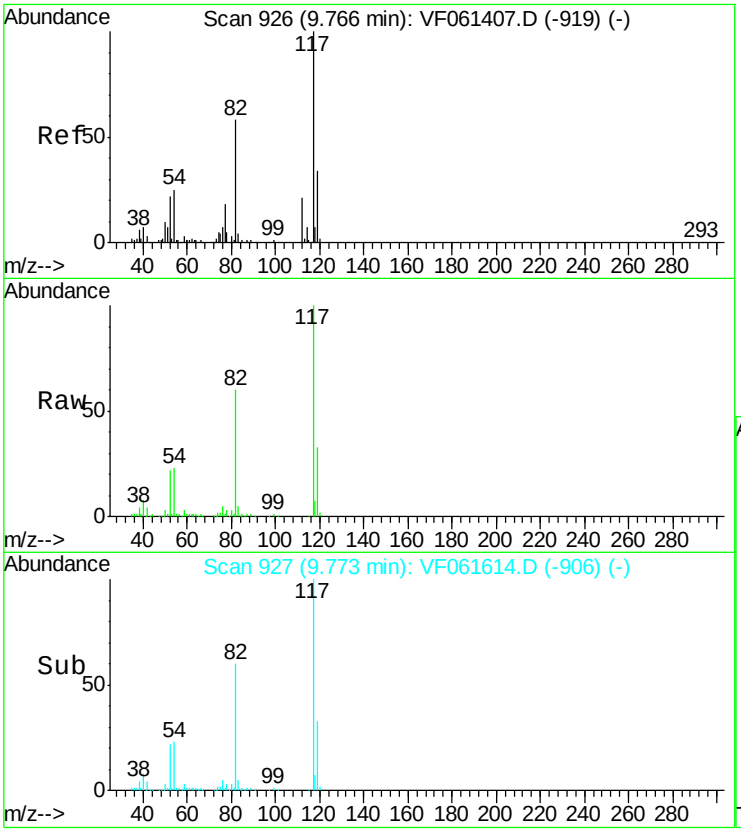


#62
4-Bromofluorobenzene
Concen: 33.093 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion: 95 Resp: 120775

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	130.4
176	70.1	0.0	126.2



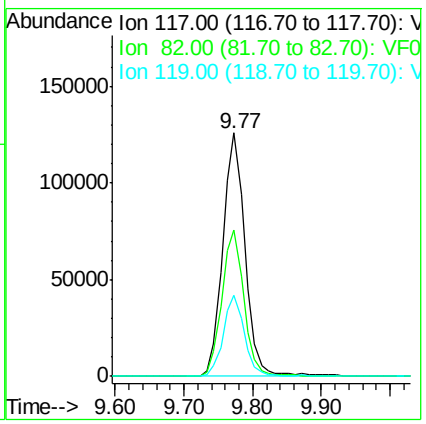


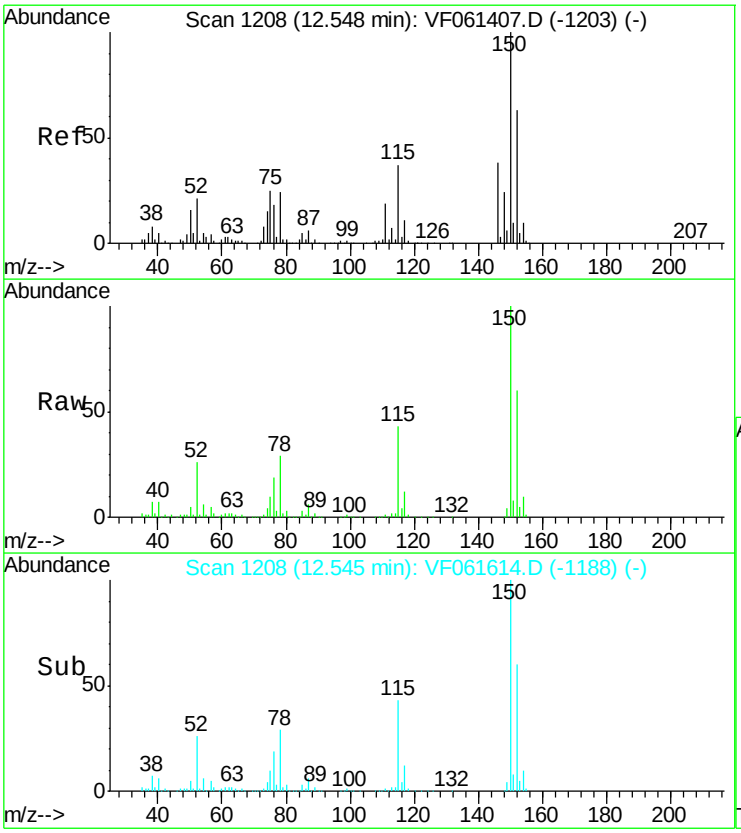
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-H

Tgt Ion:117 Resp: 281587

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.4	69.6
119	33.3	27.2	40.8

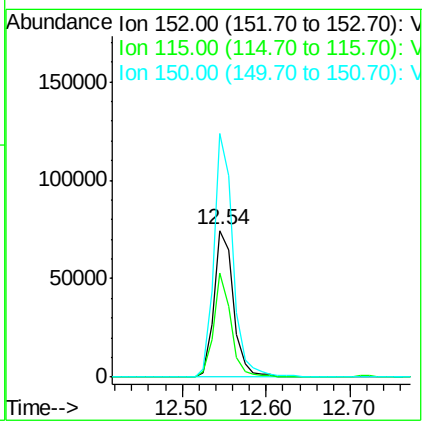


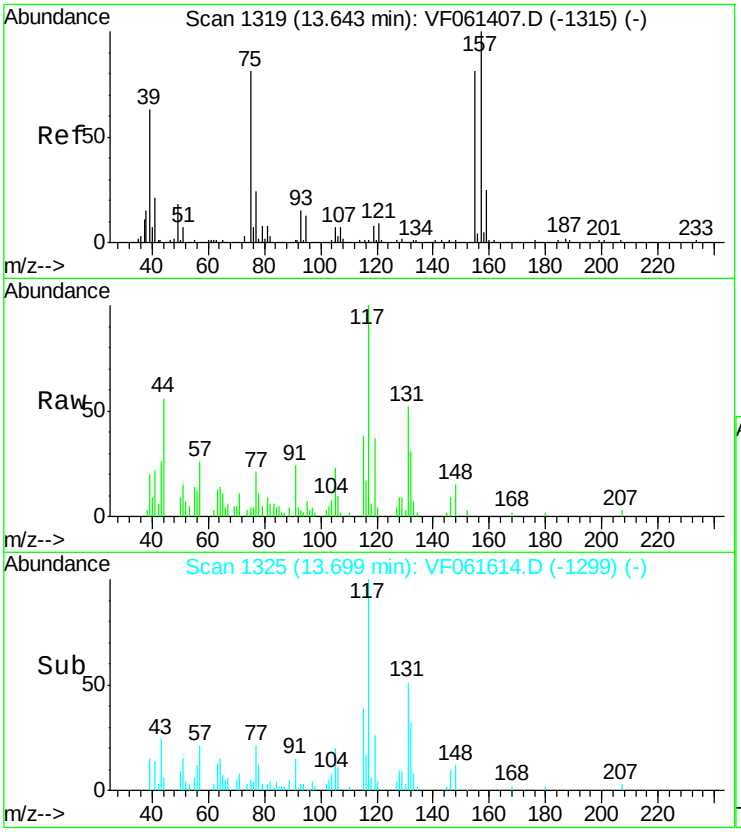


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion:152 Resp: 120271

Ion	Ratio	Lower	Upper
152	100		
115	70.7	30.0	90.0
150	166.1	0.0	321.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.100 ug/l
RT: 13.70 min Scan# 1325
Delta R.T. 0.06 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-H

Tgt Ion: 75 Resp: 340

Ion	Ratio	Lower	Upper
75	100		
155	0.0	49.7	149.1#
157	0.0	61.4	184.1#