Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022219\
Data File : VF061708.D
Acq On : 22 Feb 2019 14:48
Operator : VA/AP
Sample : K1556-01
Misc : 5.43g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : COMP

Quant Time: Feb 23 01:44:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	319286	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	513789	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	371638	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	139021	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	132831	56.73	ug/l	-0.04
Spiked Amount 50.000			Recovery = 113.46%			
35) Dibromofluoromethane	4.09	113	180939	47.42	ug/l	-0.03
Spiked Amount 50.000			Recovery = 94.84%			
50) Toluene-d8	7.54	98	381679	34.80	ug/l	-0.03
Spiked Amount 50.000			Recovery = 69.60%			
62) 4-Bromofluorobenzene	11.40	95	148853	33.54	ug/l	-0.02
Spiked Amount 50.000			Recovery = 67.08%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	392	2.893	ug/l #	1
13) Acrolein	2.11	56	744	4.369	ug/l	90
15) Acrylonitrile	2.94	53	727	1.513	ug/l #	62
16) Acetone	2.23	43	25144	50.052	ug/l	92
18) Methyl Acetate	2.37	43	7961	7.035	ug/l #	59
20) Methylene Chloride	2.17	84	11368	1.793	ug/l	92
25) 2-Butanone	4.34	43	4685	4.270	ug/l #	55
29) Tetrahydrofuran	4.05	42	3865	7.750	ug/l	97
51) 4-Methyl-2-Pentanone	8.25	43	3783	1.892	ug/l	97
59) 2-Hexanone	9.49	43	2832	2.021	ug/l #	59
74) N-amyl acetate	11.36	43	2687	1.131	ug/l #	83
95) Naphthalene	14.45	128	37535	6.601	ug/l	100

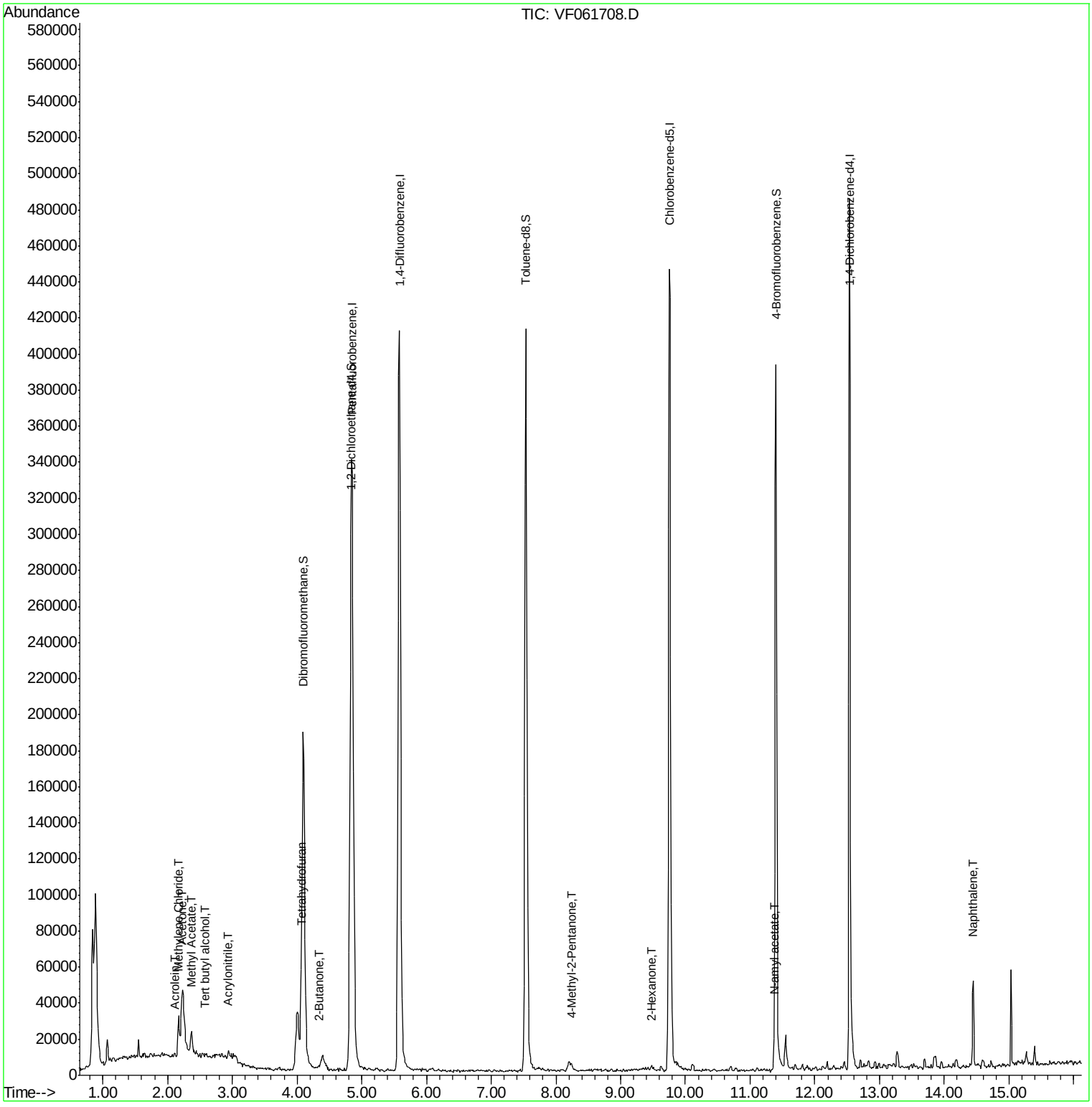
(#) = qualifier out of range (m) = manual integration (+) = signals summed

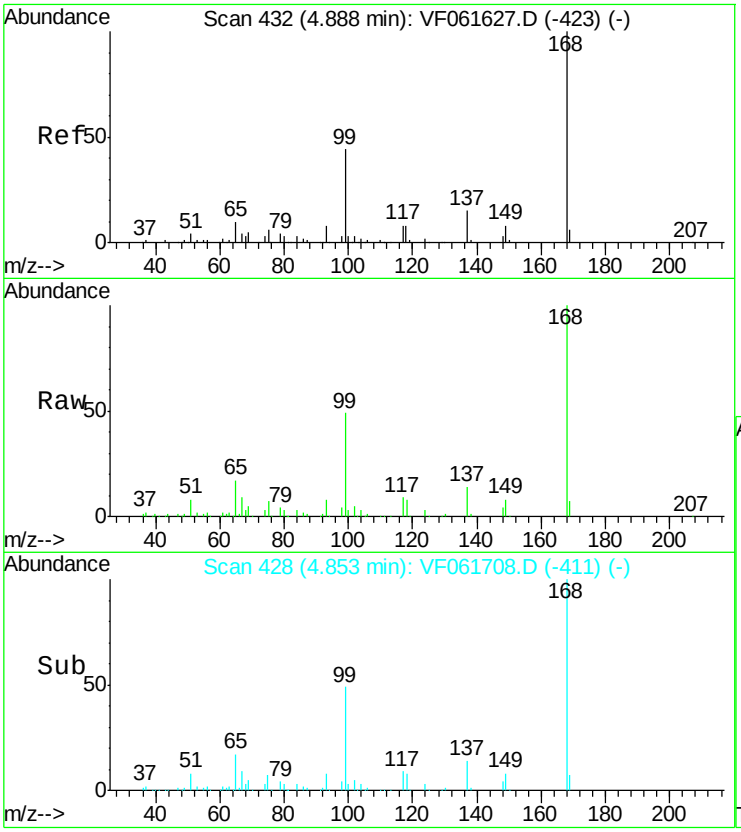
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
Data File : VF061708.D
Acq On : 22 Feb 2019 14:48
Operator : VA/AP
Sample : K1556-01
Misc : 5.43g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
COMP

Quant Time: Feb 23 01:44:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



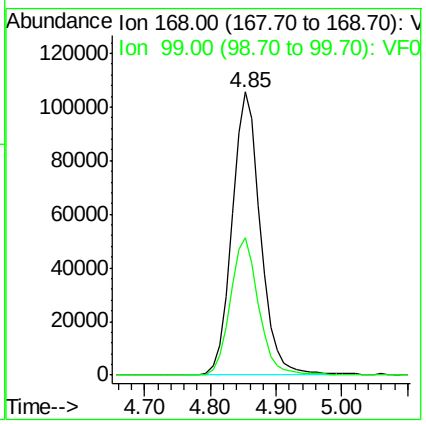


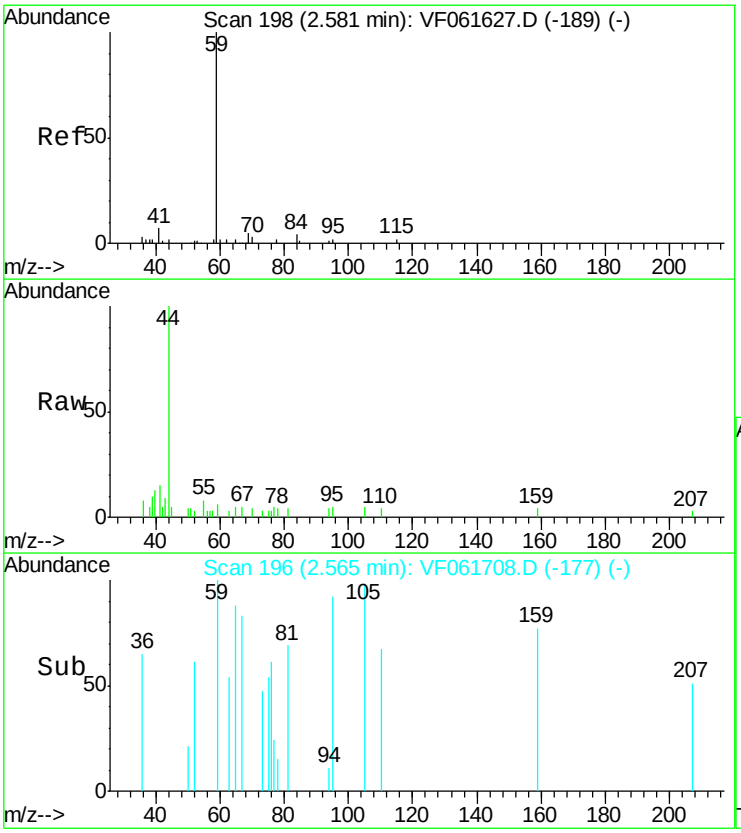
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tgt Ion:168 Resp: 319286

Ion	Ratio	Lower	Upper
168	100		
99	48.6	34.9	52.3

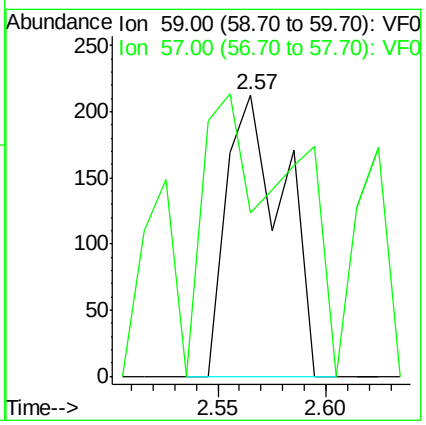


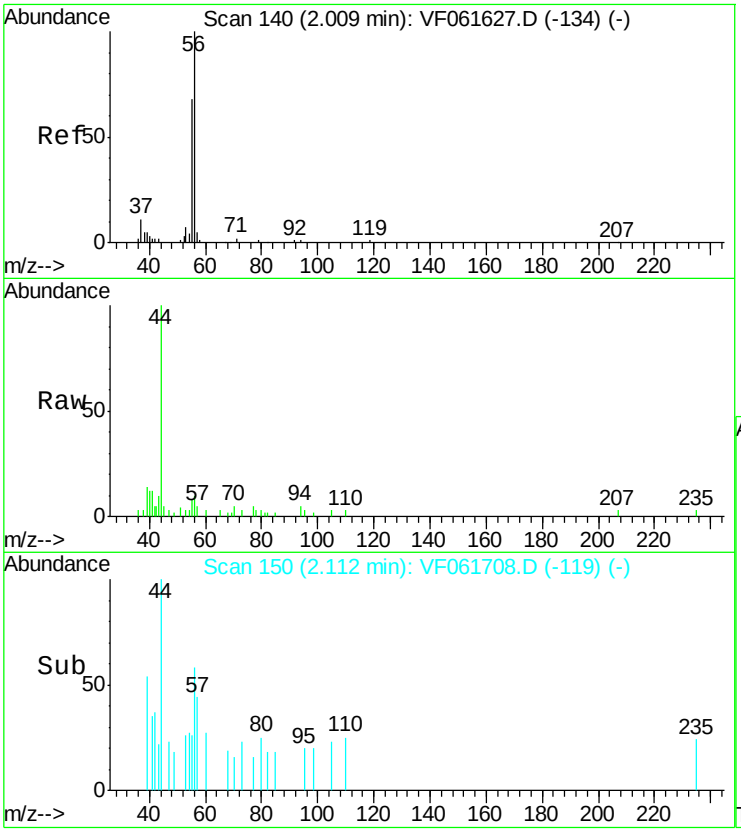


#11
Tert butyl alcohol
Concen: 2.893 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion: 59 Resp: 392

Ion	Ratio	Lower	Upper
59	100		
57	58.2	12.5	18.7#



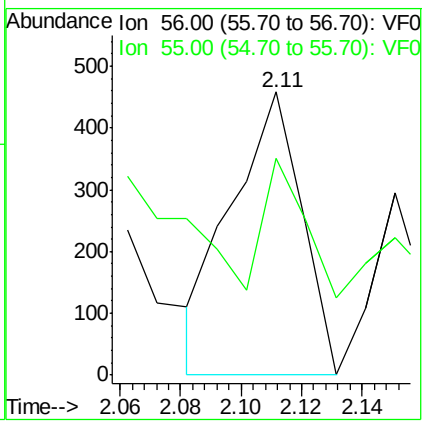


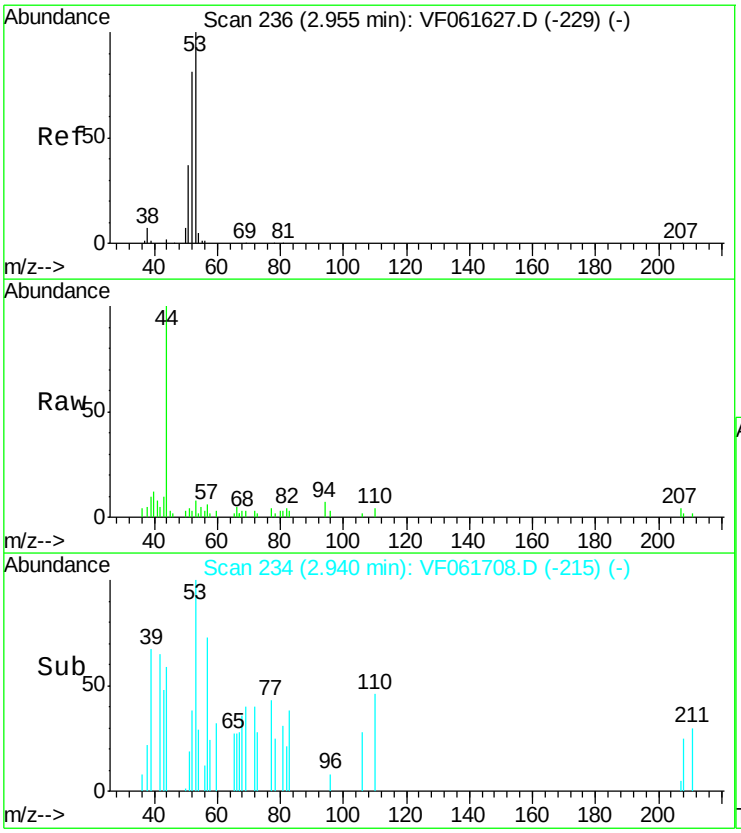
#13
Acrolein
Concen: 4.369 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.10 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tgt Ion: 56 Resp: 744

Ion	Ratio	Lower	Upper
56	100		
55	76.6	55.0	82.6

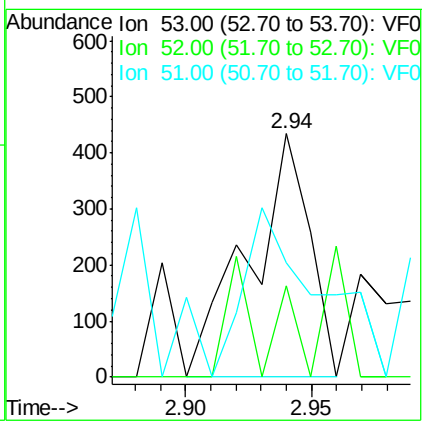


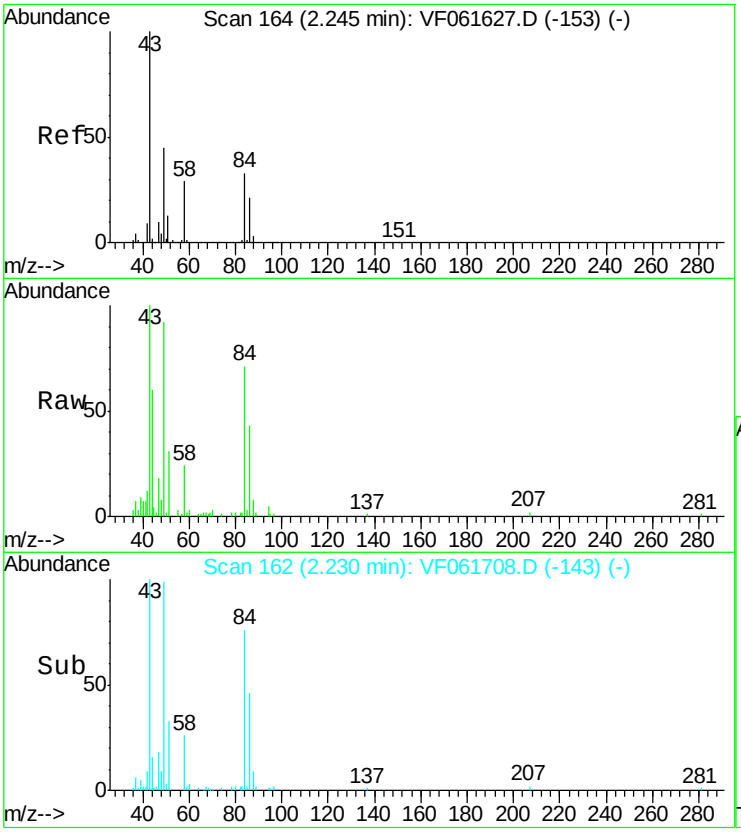


#15
Acrylonitrile
Concen: 1.513 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion: 53 Resp: 727

Ion	Ratio	Lower	Upper
53	100		
52	37.8	64.6	97.0#
51	46.8	29.8	44.8#



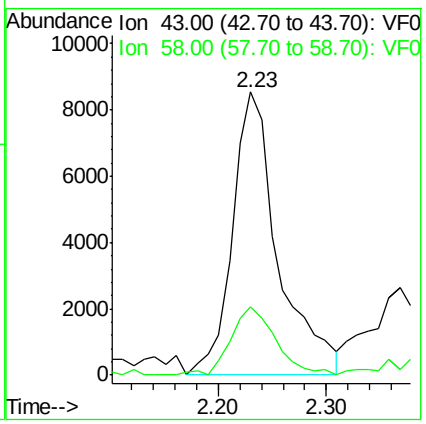


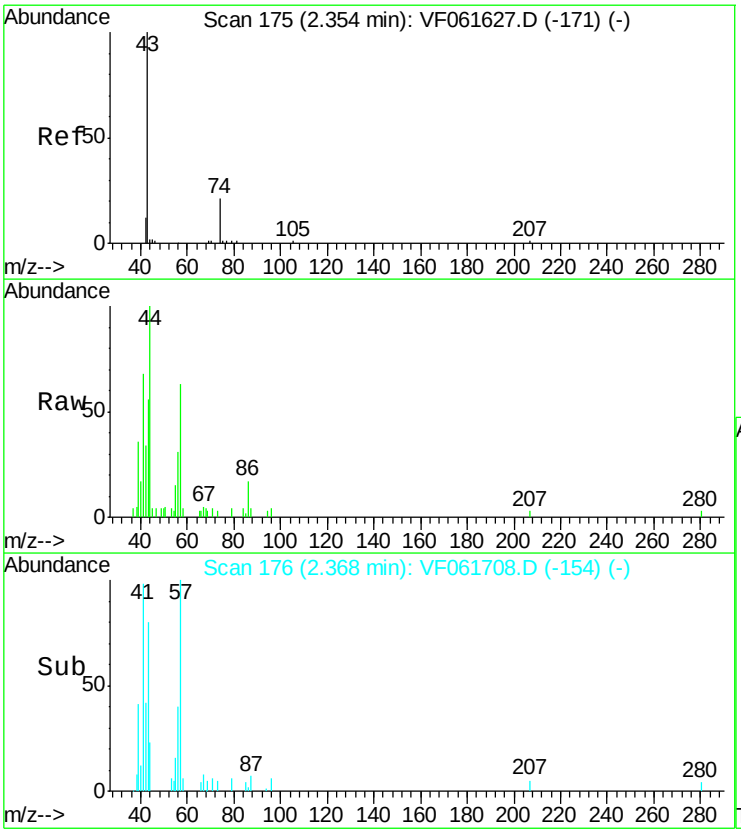
#16
Acetone
Concen: 50.052 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tgt Ion: 43 Resp: 25144

Ion	Ratio	Lower	Upper
43	100		
58	24.1	22.9	34.3

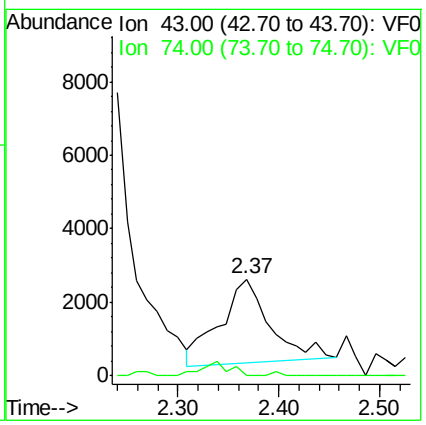


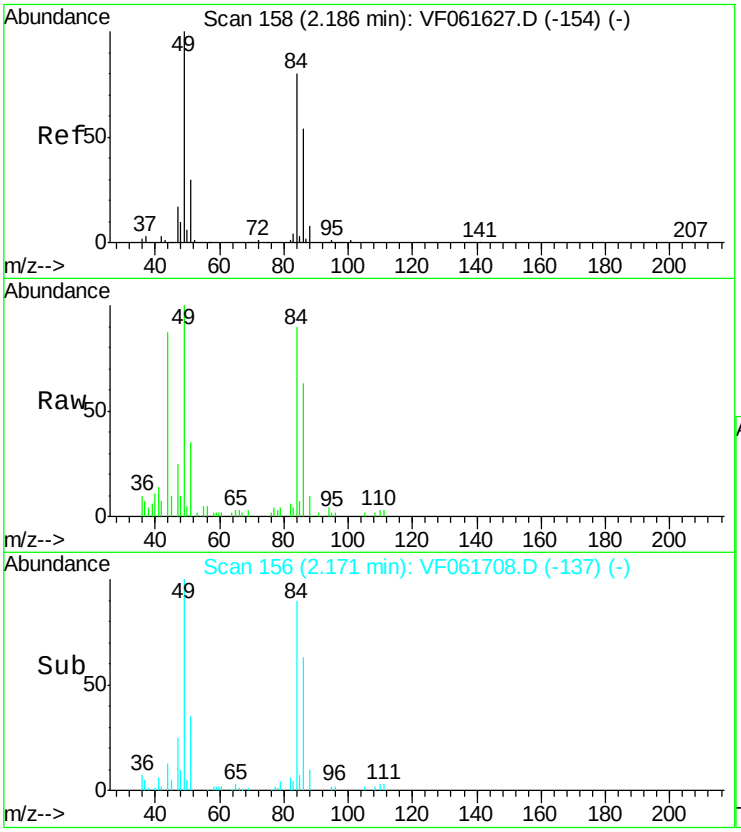


#18
Methyl Acetate
Concen: 7.035 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion: 43 Resp: 7961

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#



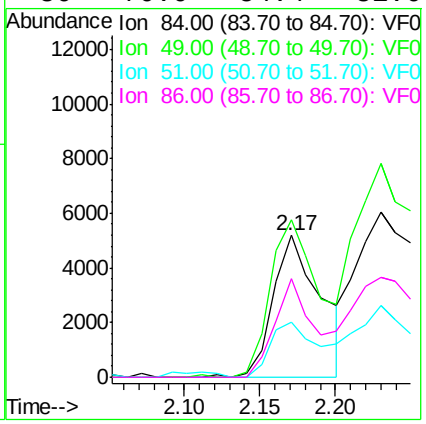


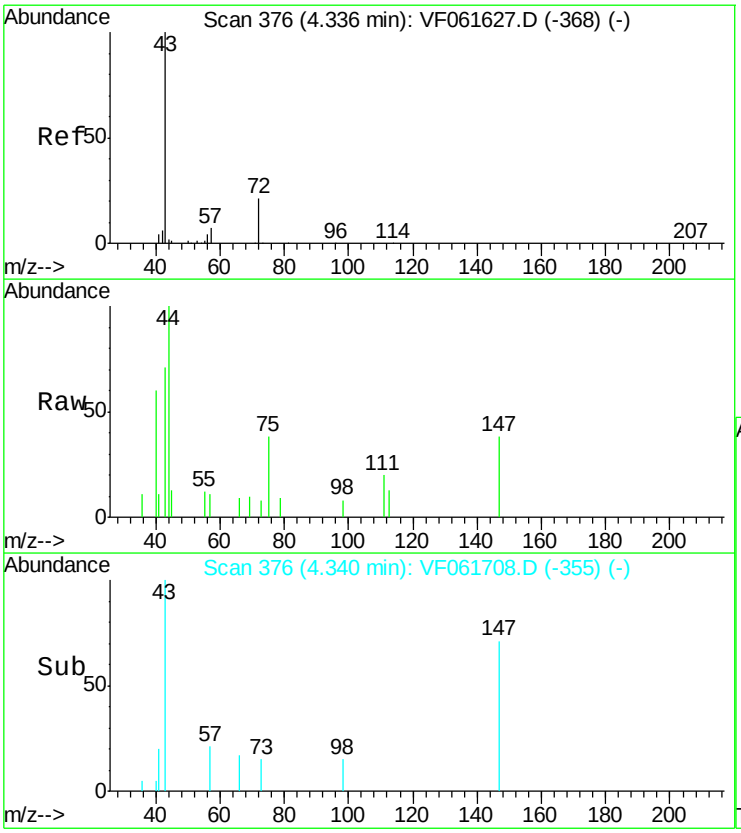
#20
Methylene Chloride
Concen: 1.793 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument : MSVOA_F
ClientSampleId : COMP

Tgt Ion: 84 Resp: 11368

Ion	Ratio	Lower	Upper
84	100		
49	111.3	101.8	152.8
51	39.2	31.1	46.7
86	70.0	54.4	81.6

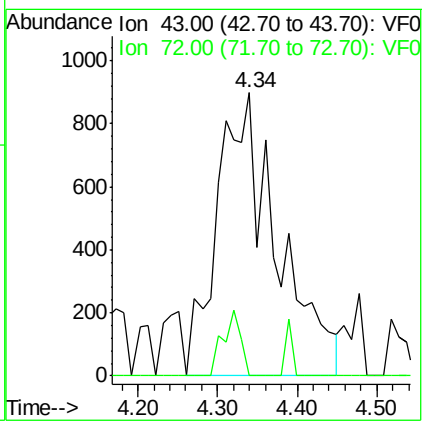


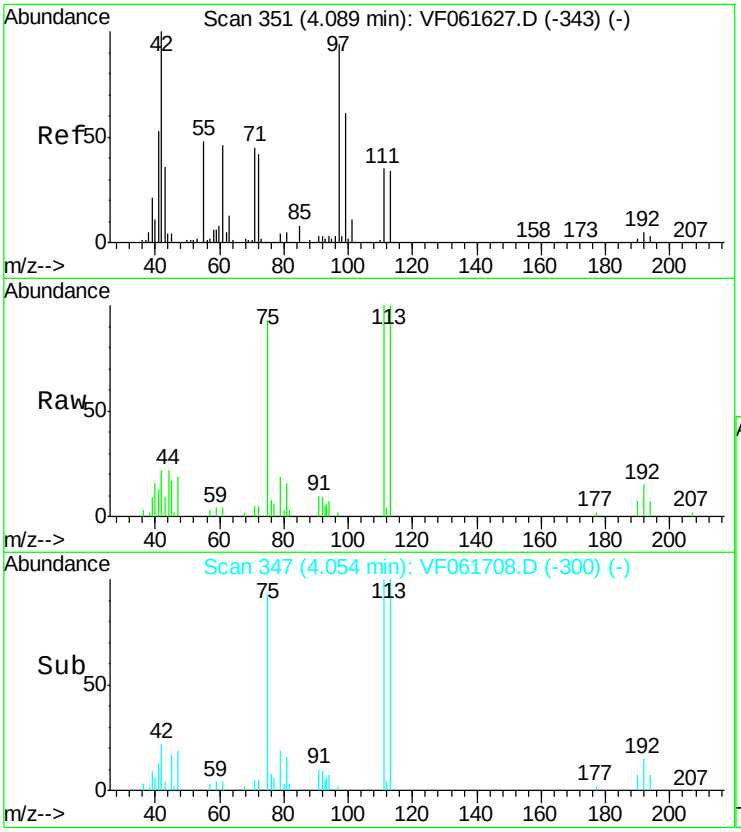


#25
2-Butanone
Concen: 4.270 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.00 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion: 43 Resp: 4685

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#



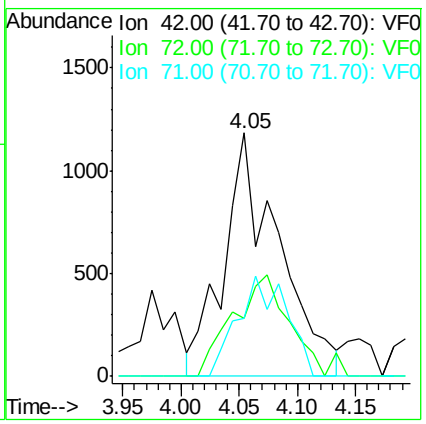


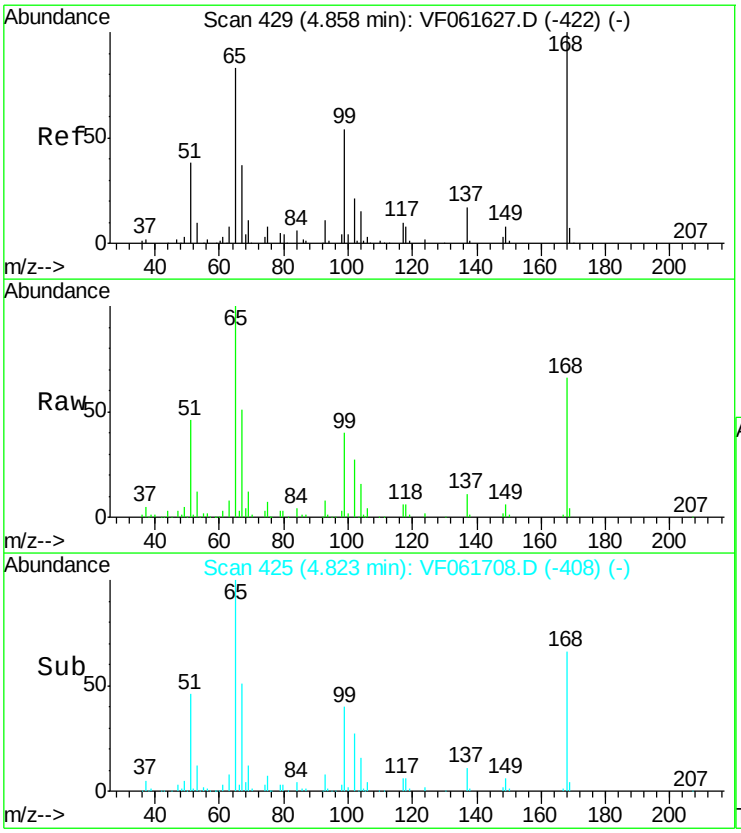
#29
Tetrahydrofuran
Concen: 7.750 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.04 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument : MSVOA_F
ClientSampleId : COMP

Tgt Ion: 42 Resp: 3865

Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.2	52.8
71	36.7	32.9	49.3

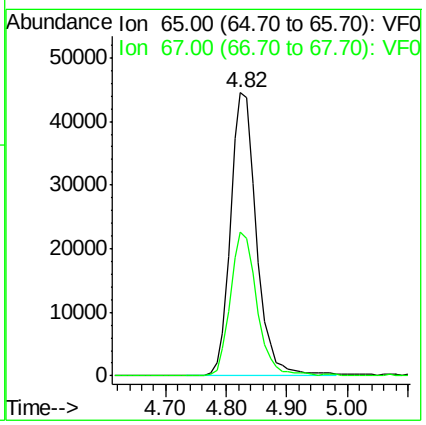


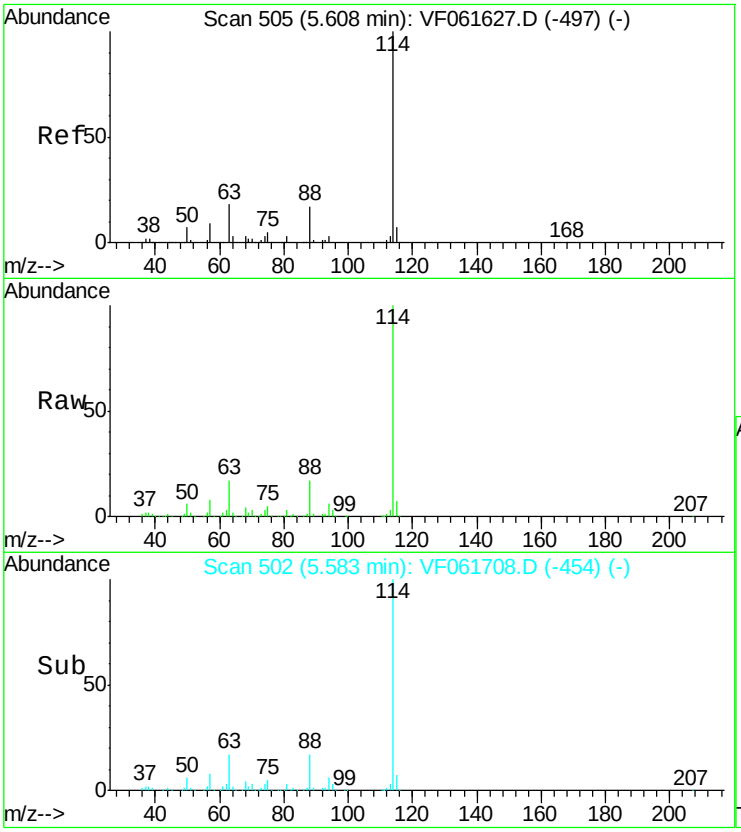


#33
1,2-Dichloroethane-d4
Concen: 56.732 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion: 65 Resp: 132831

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0



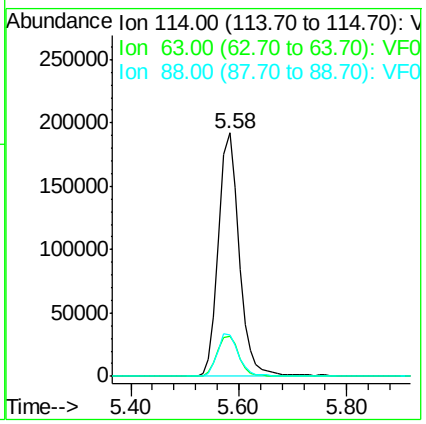


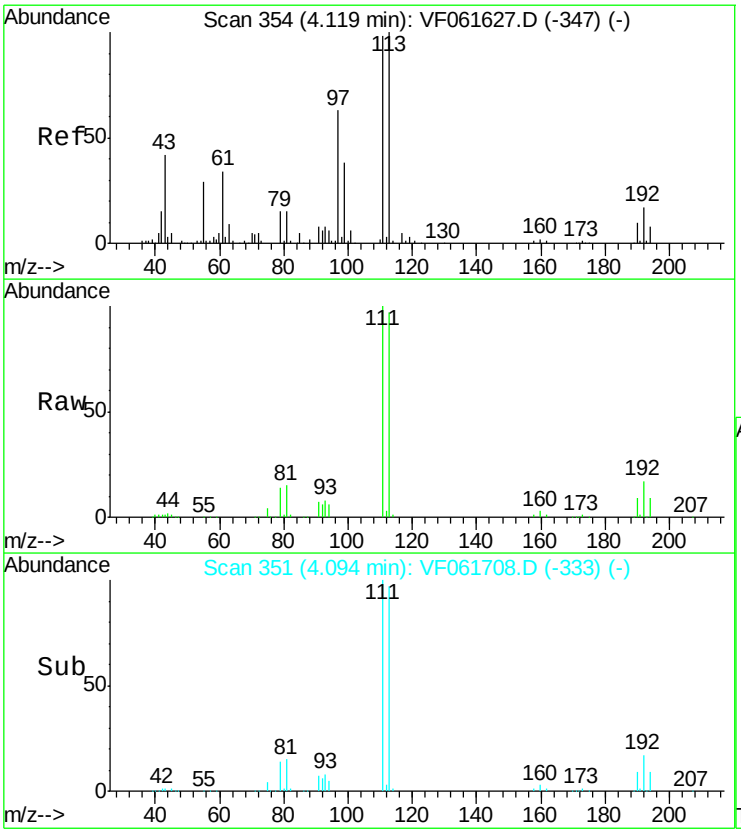
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tgt Ion:114 Resp: 513789

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	36.6
88	17.1	0.0	34.4

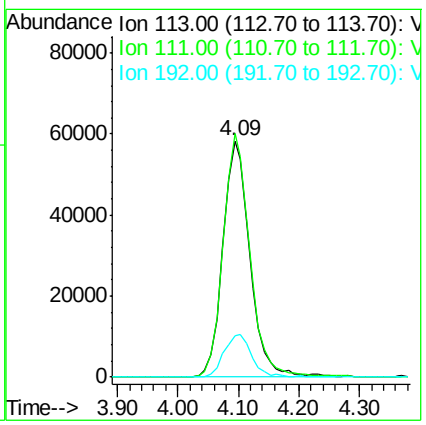


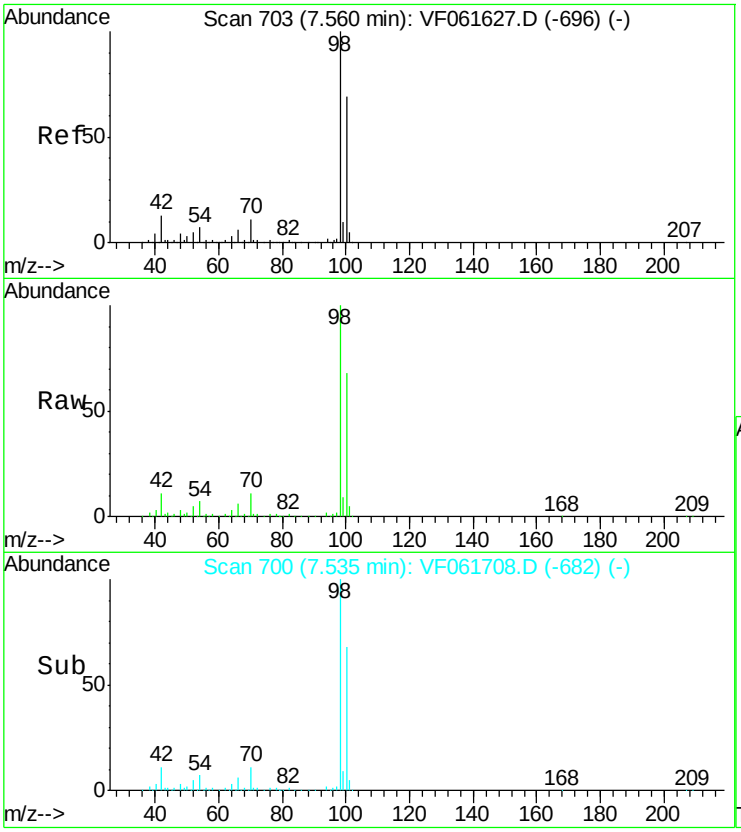


#35
Dibromofluoromethane
Concen: 47.423 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion:113 Resp: 180939

Ion	Ratio	Lower	Upper
113	100		
111	103.1	78.8	118.2
192	17.3	13.4	20.0



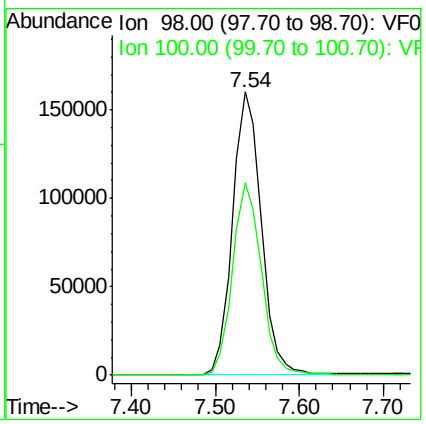


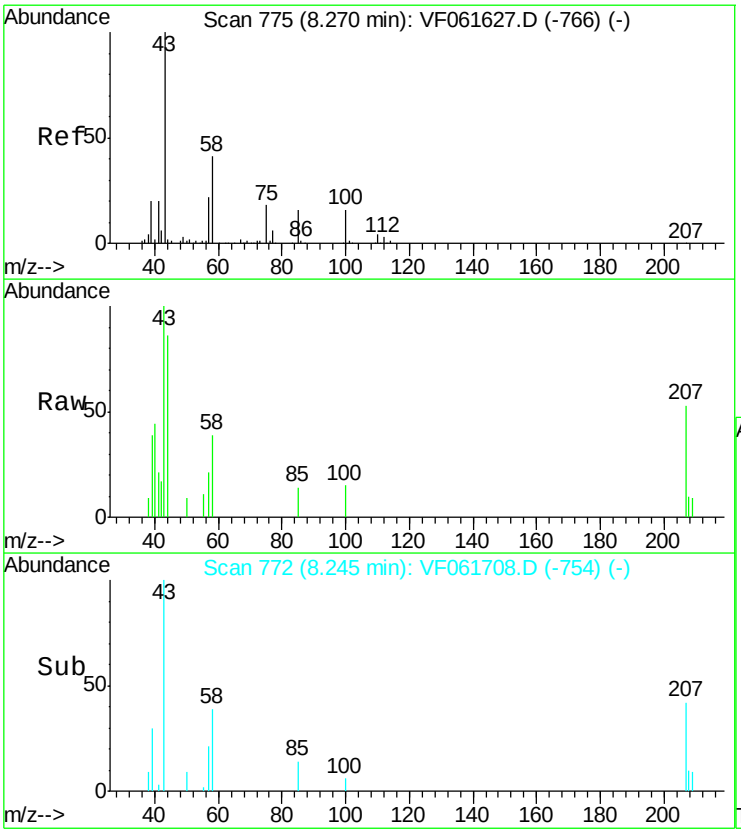
#50
Toluene-d8
Concen: 34.798 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tgt Ion: 98 Resp: 381679

Ion	Ratio	Lower	Upper
98	100		
100	68.1	55.4	83.2

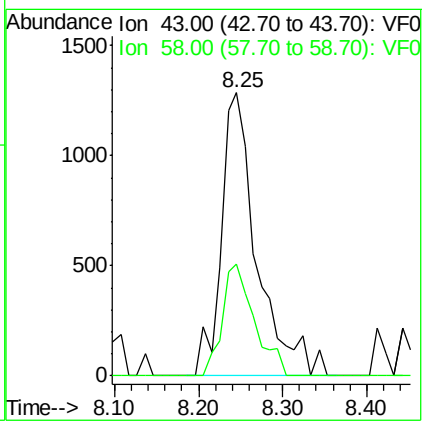


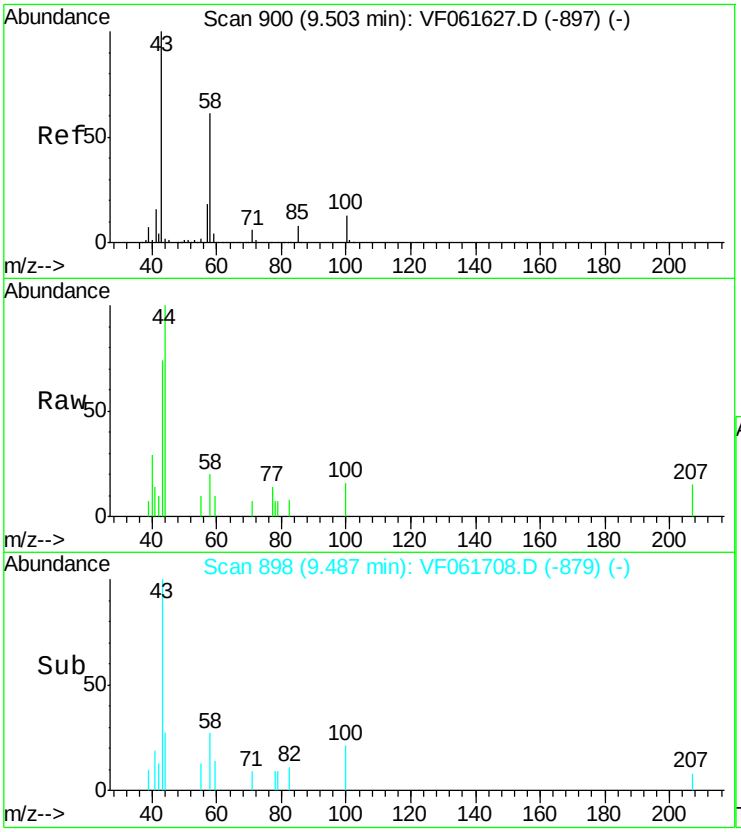


#51
4-Methyl-2-Pentanone
Concen: 1.892 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion: 43 Resp: 3783

Ion	Ratio	Lower	Upper
43	100		
58	39.3	33.1	49.7



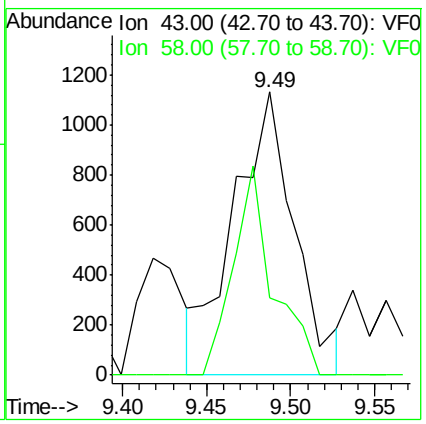


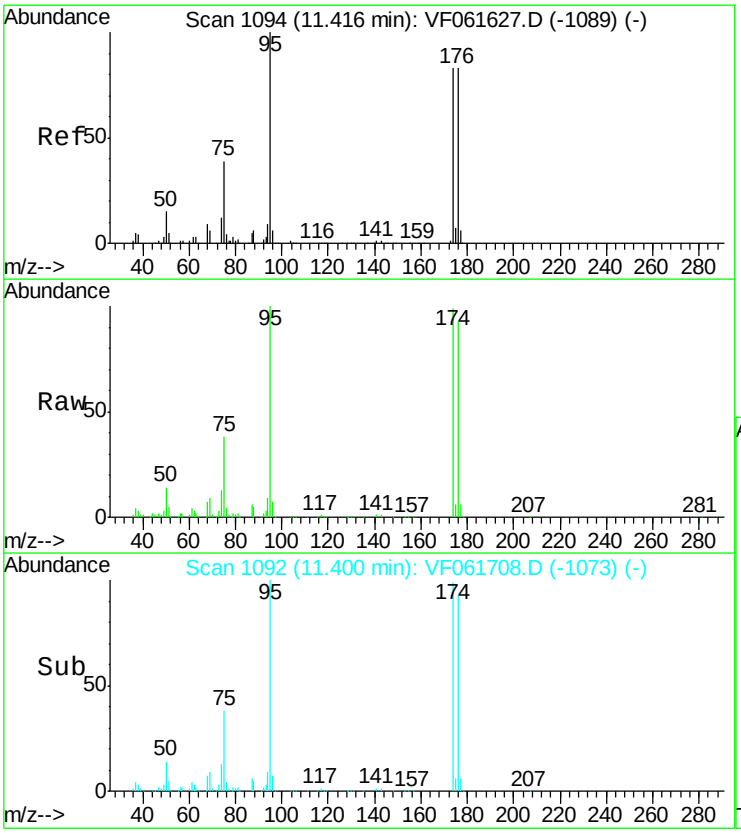
#59
2-Hexanone
Concen: 2.021 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument : MSVOA_F
ClientSampleId : COMP

Tgt Ion: 43 Resp: 2832

Ion	Ratio	Lower	Upper
43	100		
58	27.1	28.5	85.5#

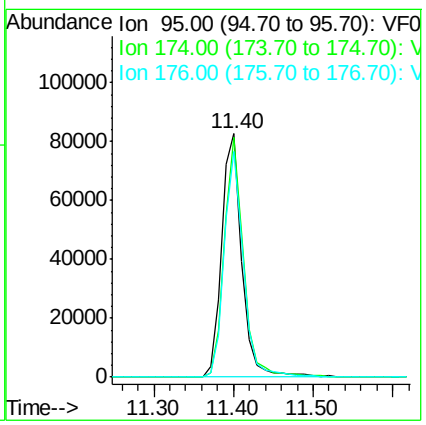


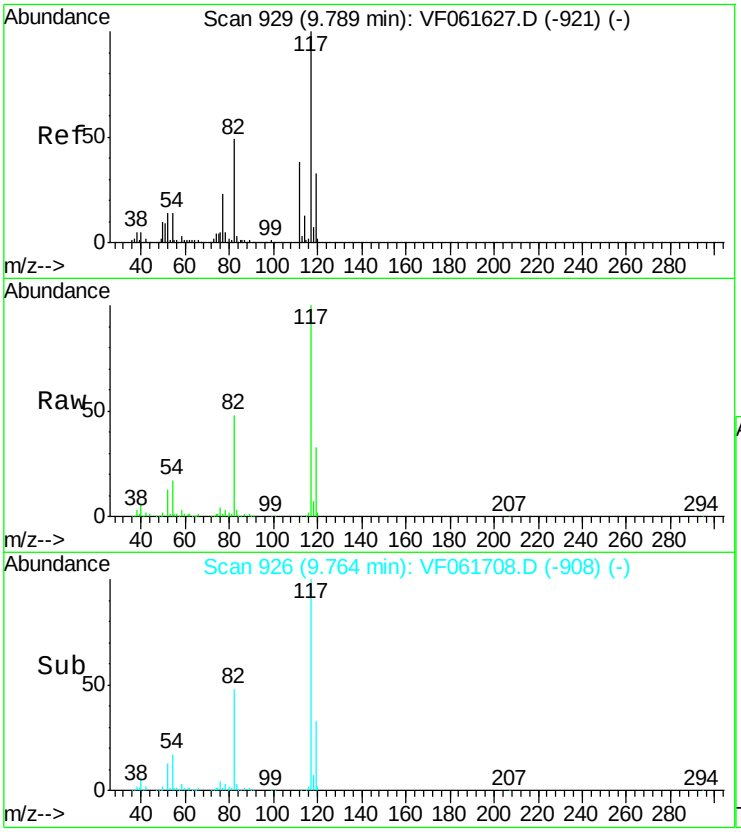


#62
4-Bromofluorobenzene
Concen: 33.541 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion: 95 Resp: 148853

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	165.8
176	92.9	0.0	167.0



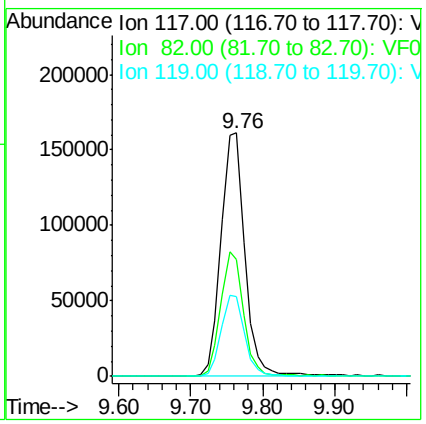


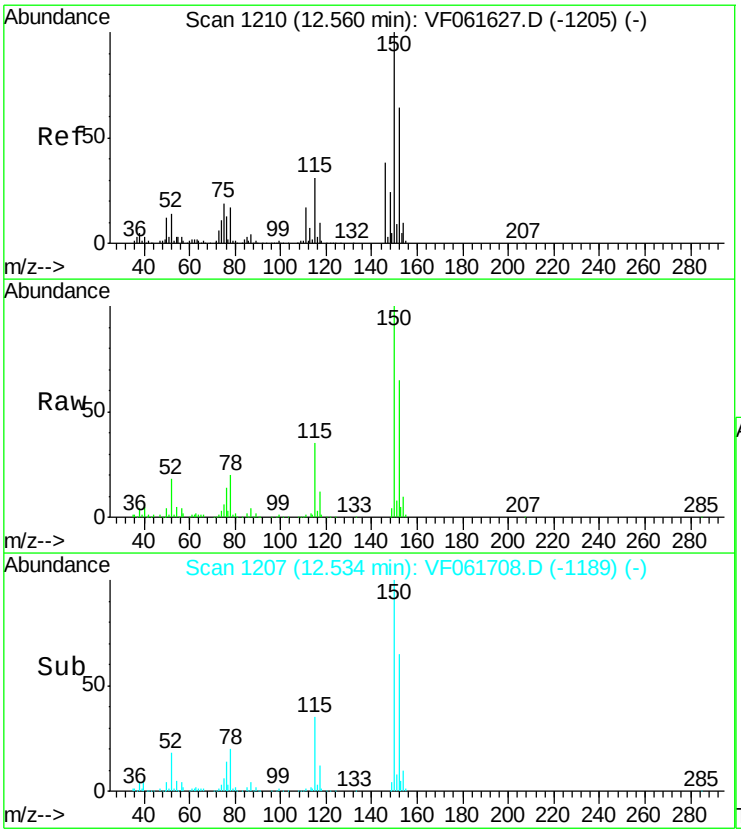
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument : MSVOA_F
ClientSampleId : COMP

Tgt Ion:117 Resp: 371638

Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.3	58.9
119	32.7	26.6	40.0

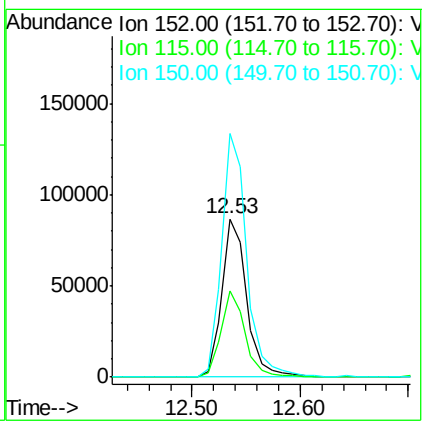


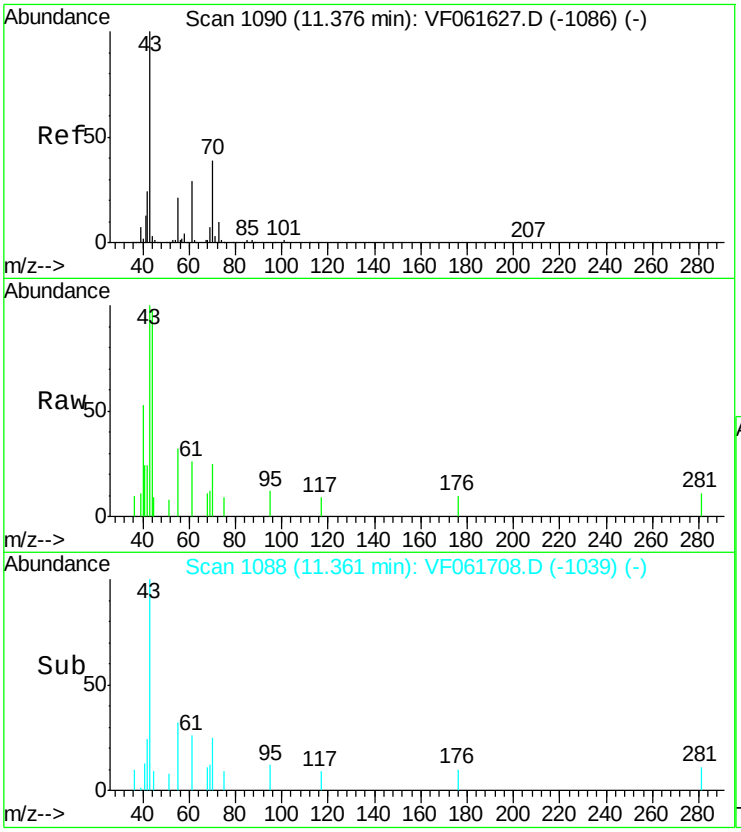


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion:152 Resp: 139021

Ion	Ratio	Lower	Upper
152	100		
115	54.3	24.3	72.8
150	153.7	0.0	312.0



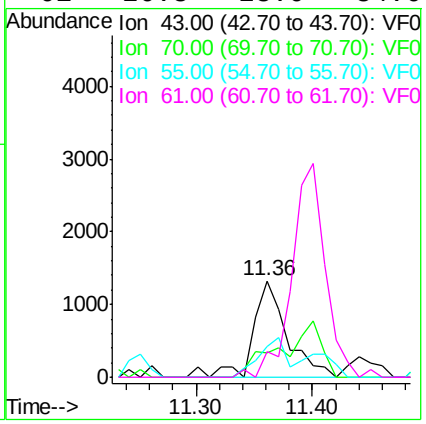


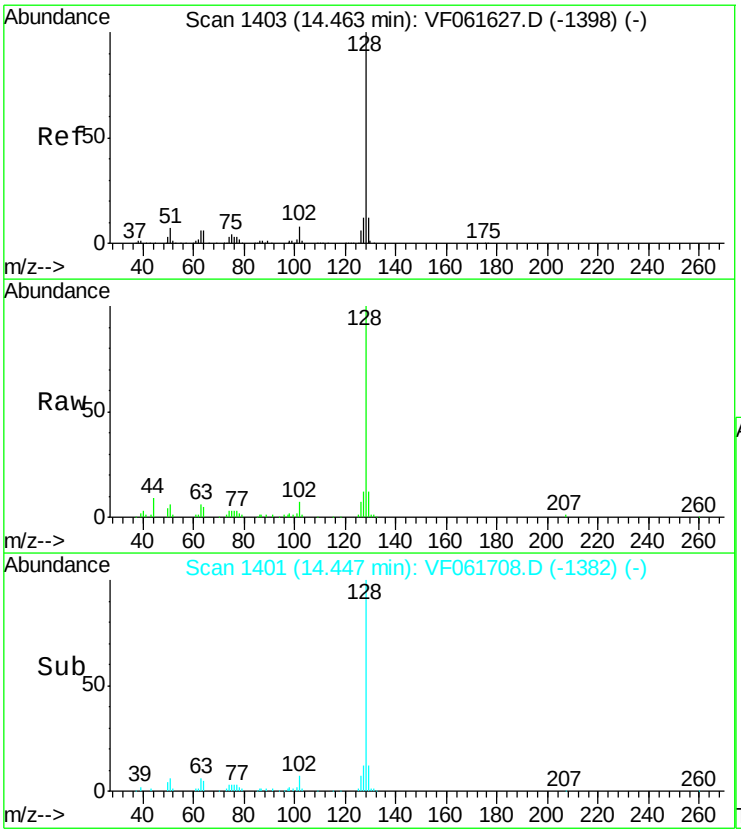
#74
N-amyl acetate
Concen: 1.131 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Instrument : MSVOA_F
ClientSampleId : COMP

Tgt Ion: 43 Resp: 2687

Ion	Ratio	Lower	Upper
43	100		
70	25.4	31.5	47.3#
55	31.5	16.7	25.1#
61	26.3	23.0	34.6





#95
Naphthalene
Concen: 6.601 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061708.D
Acq: 22 Feb 2019 14:48

Tgt Ion:128 Resp: 37535

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	11.8	9.4	14.2