Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121118\
Data File : VF060977.D
Acq On : 11 Dec 2018 15:34
Operator : VA/AP
Sample : J6197-01
Misc : 6.62g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-120718

Quant Time: Dec 12 06:27:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	211634	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	386449	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.79	117	306541	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	115998	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	113911	45.69	ug/l	-0.03
Spiked Amount 50.000			Recovery = 91.38%			
35) Dibromofluoromethane	4.12	113	120805	39.40	ug/l	-0.03
Spiked Amount 50.000			Recovery = 78.80%			
50) Toluene-d8	7.56	98	287153	31.80	ug/l	-0.04
Spiked Amount 50.000			Recovery = 63.60%			
62) 4-Bromofluorobenzene	11.41	95	123748	30.15	ug/l	-0.03
Spiked Amount 50.000			Recovery = 60.30%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	283	2.769	ug/l #	1
13) Acrolein	2.14	56	582	6.011	ug/l	99
15) Acrylonitrile	2.93	53	531	2.318	ug/l #	32
16) Acetone	2.25	43	19119	41.586	ug/l	93
18) Methyl Acetate	2.38	43	6126	6.506	ug/l #	61
20) Methylene Chloride	2.24	84	5576	3.306	ug/l #	72
29) Tetrahydrofuran	4.08	42	765	2.270	ug/l #	52
41) Methacrylonitrile	4.77	41	218	Below Cal	#	23
43) Isopropyl Acetate	6.94	43	426	Below Cal	#	49
49) 1,4-Dioxane	6.41	88	59	5.113	ug/l #	1
59) 2-Hexanone	9.51	43	1937	1.719	ug/l	80
95) Naphthalene	14.46	128	4265	Below Cal	#	92

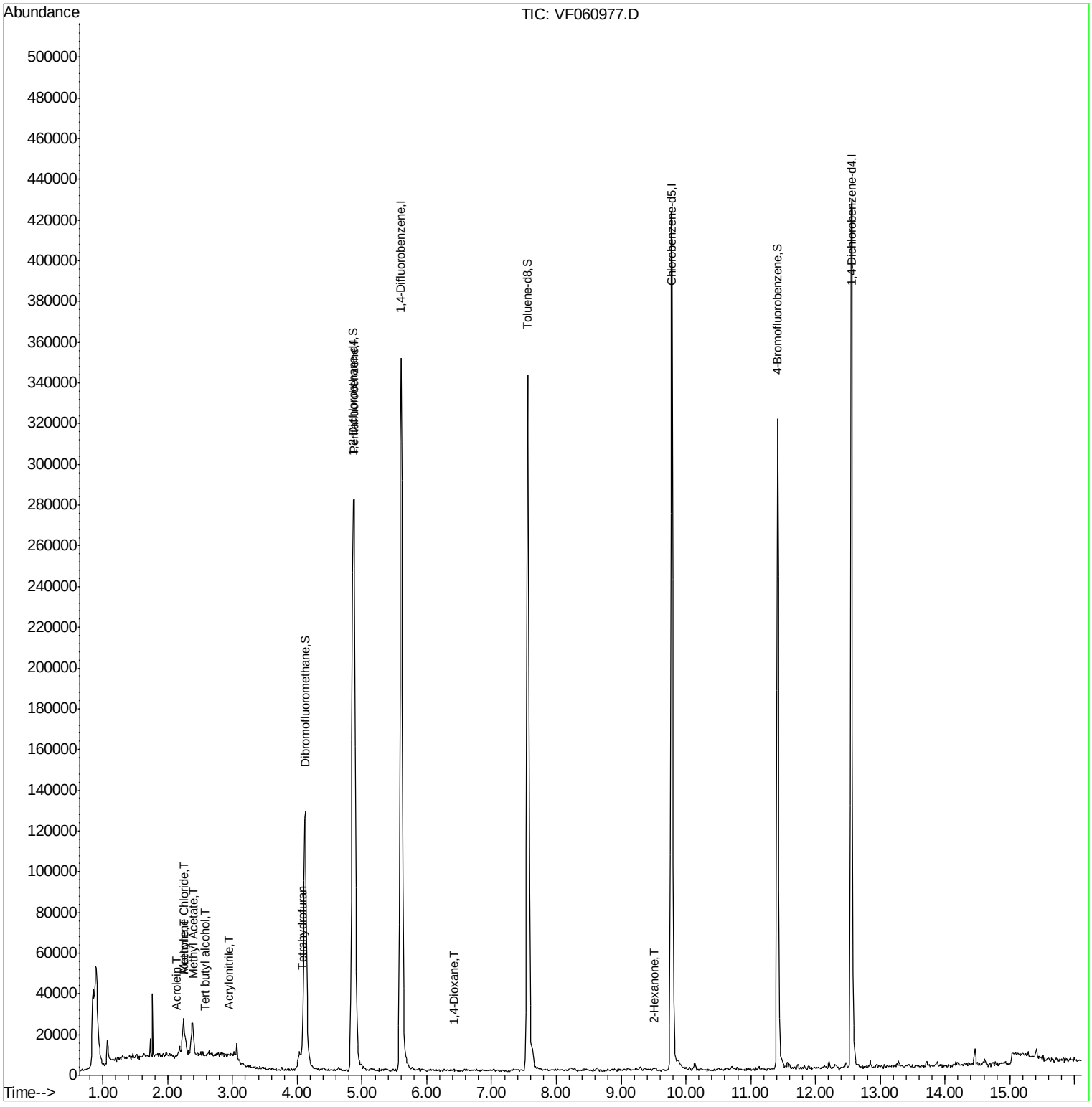
(#) = qualifier out of range (m) = manual integration (+) = signals summed

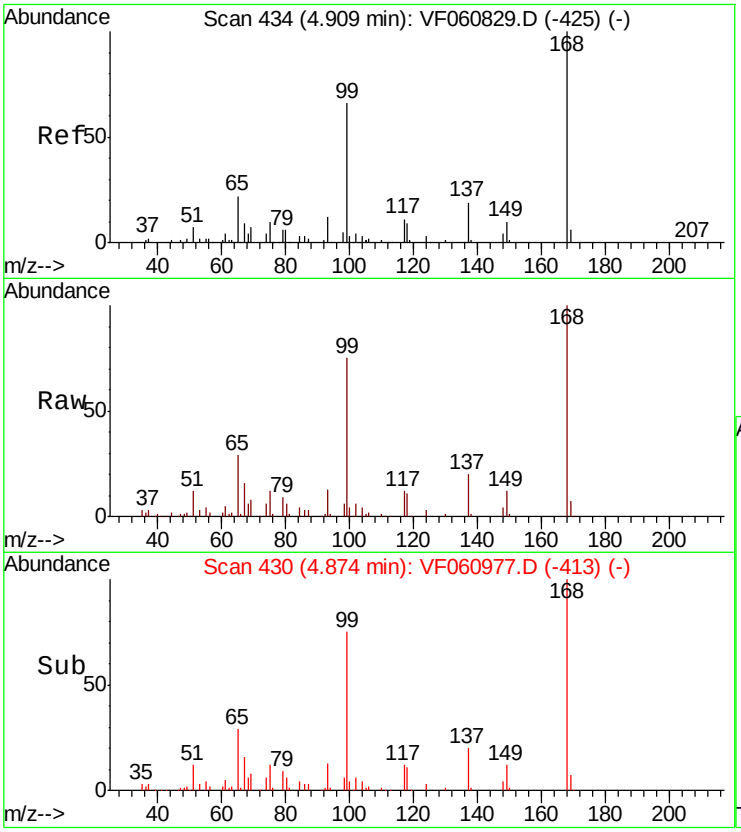
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060977.D
Acq On : 11 Dec 2018 15:34
Operator : VA/AP
Sample : J6197-01
Misc : 6.62g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Quant Time: Dec 12 06:27:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



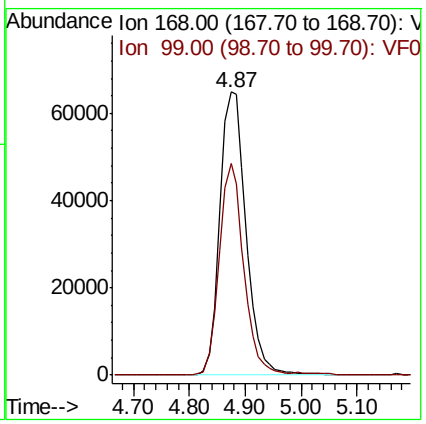


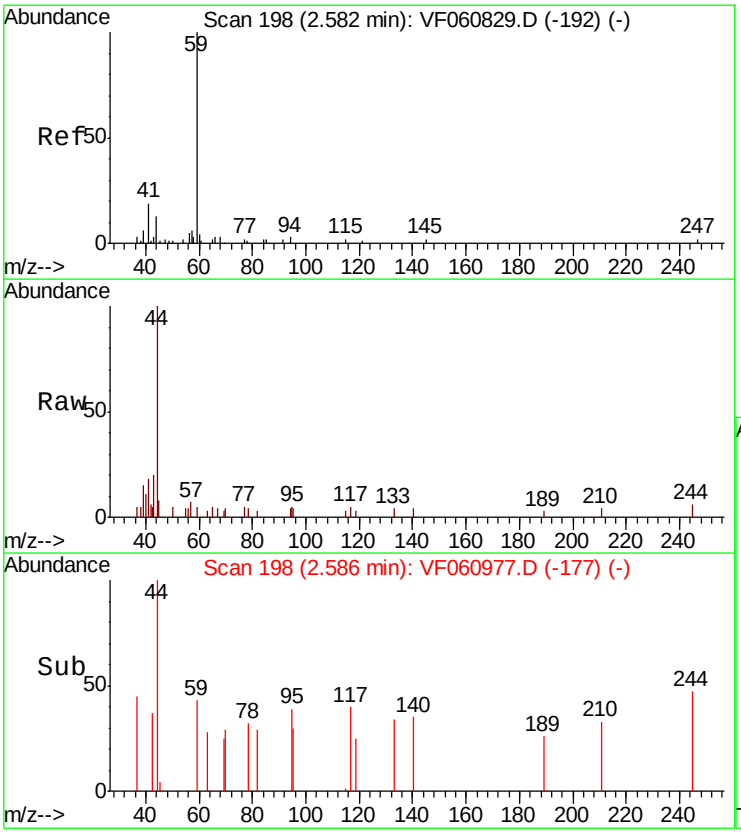
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tgt Ion:168 Resp: 211634

Ion	Ratio	Lower	Upper
168	100		
99	74.9	52.6	79.0

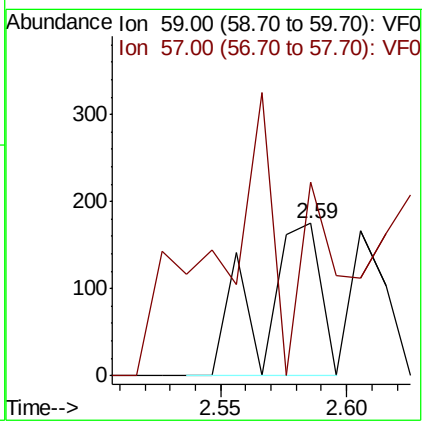


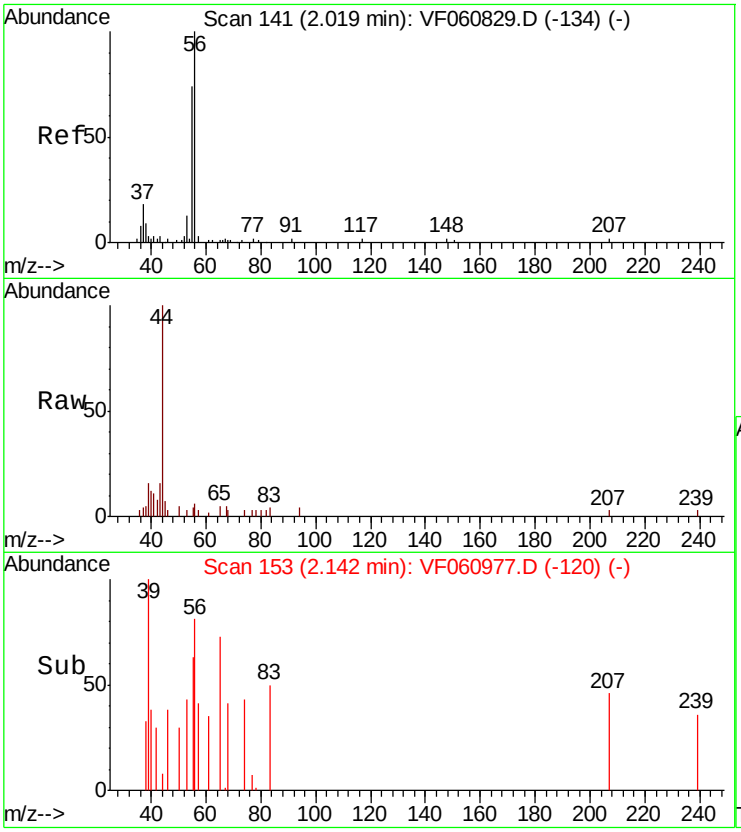


#11
Tert butyl alcohol
Concen: 2.769 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion: 59 Resp: 283

Ion	Ratio	Lower	Upper
59	100		
57	126.9	12.7	19.1#



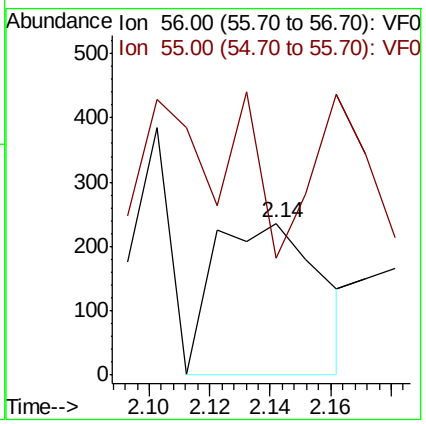


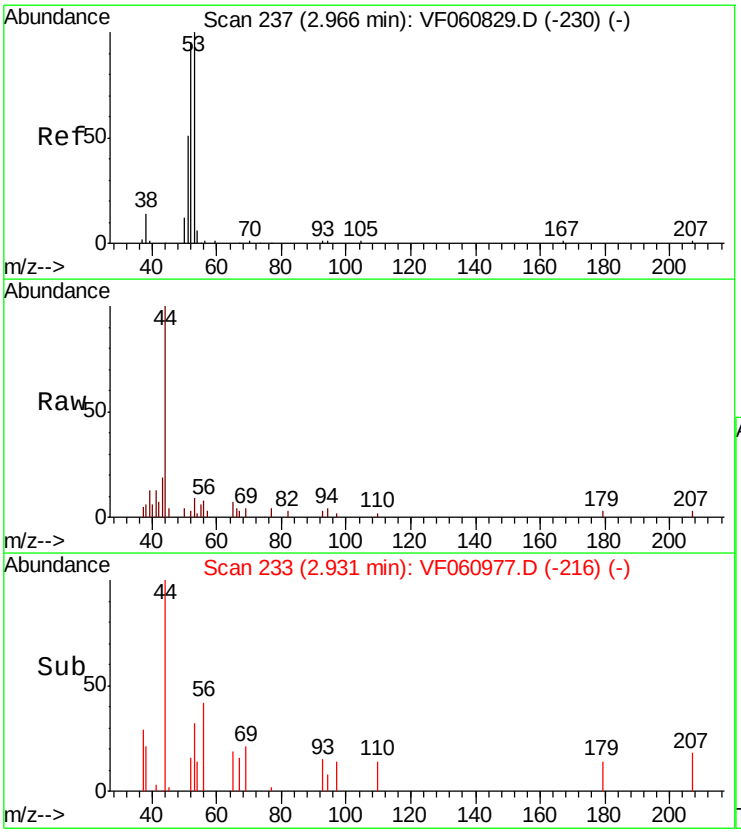
#13
Acrolein
Concen: 6.011 ug/l
RT: 2.14 min Scan# 153
Delta R.T. 0.12 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument : MSVOA_F
ClientSampleId : PL-02-120718

Tgt Ion: 56 Resp: 582

Ion	Ratio	Lower	Upper
56	100		
55	77.1	61.2	91.8

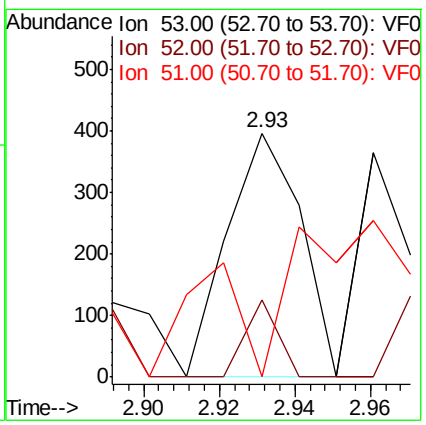


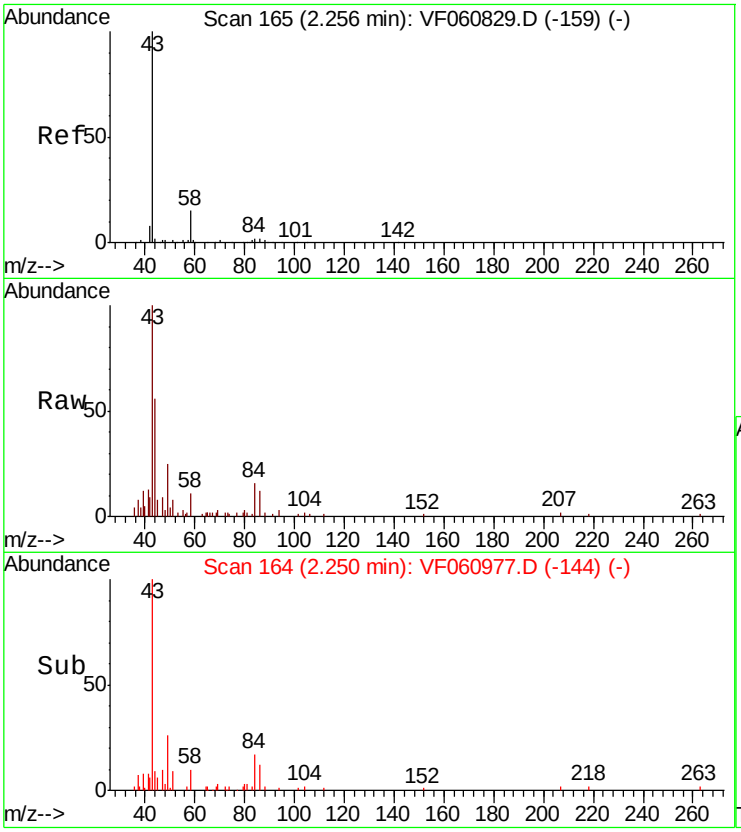


#15
Acrylonitrile
Concen: 2.318 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.04 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion: 53 Resp: 531

Ion	Ratio	Lower	Upper
53	100		
52	31.6	76.5	114.7#
51	0.0	40.7	61.1#



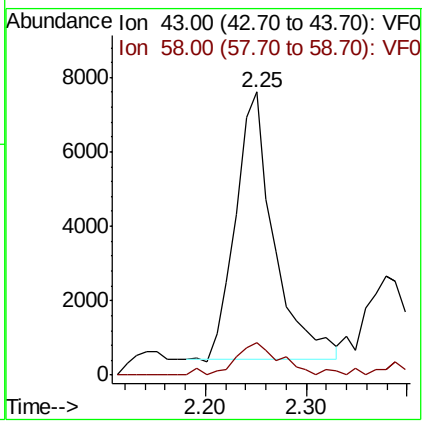


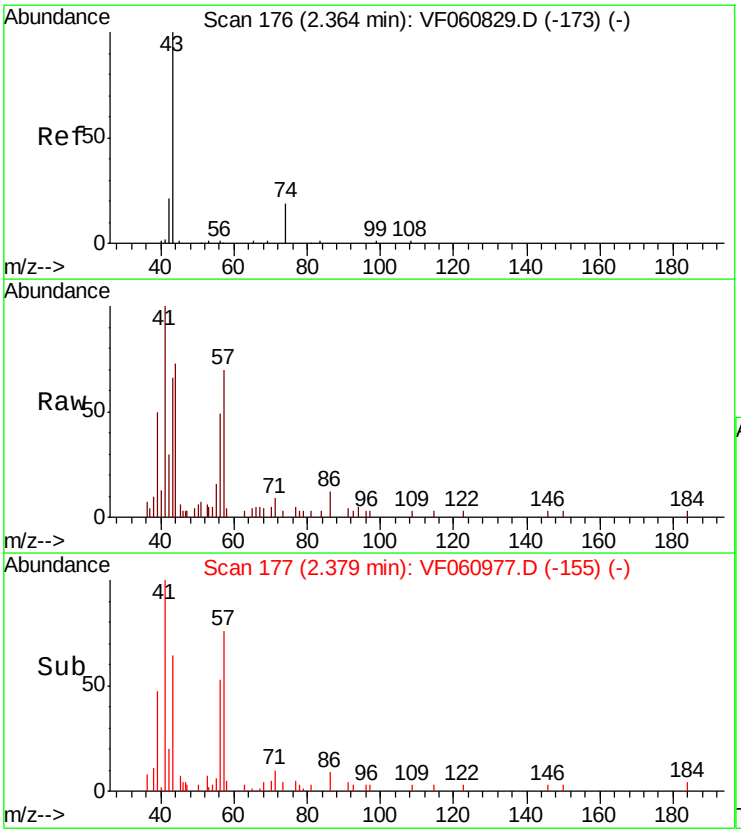
#16
Acetone
Concen: 41.586 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument : MSVOA_F
ClientSampleId : PL-02-120718

Tgt Ion: 43 Resp: 19119

Ion	Ratio	Lower	Upper
43	100		
58	11.5	11.4	17.2

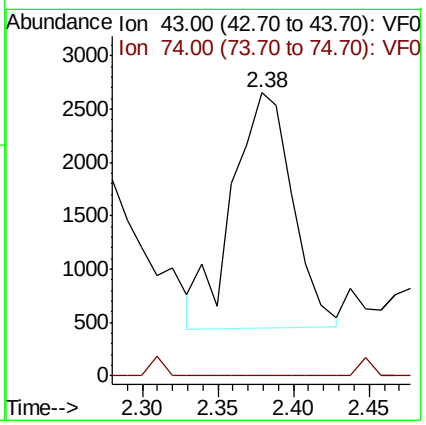


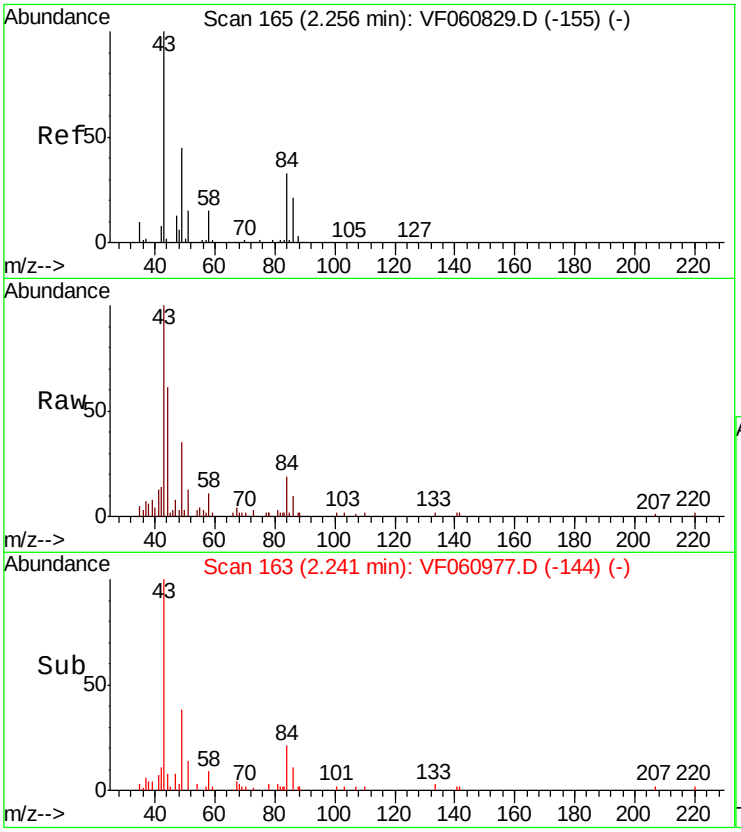


#18
Methyl Acetate
Concen: 6.506 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion: 43 Resp: 6126

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



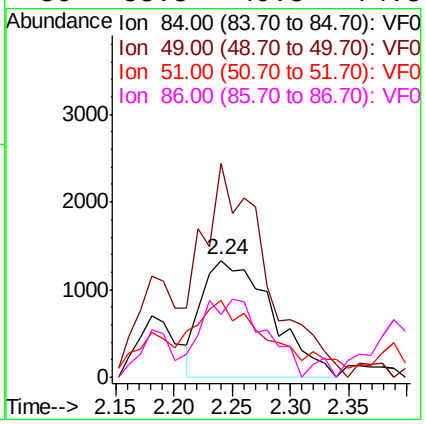


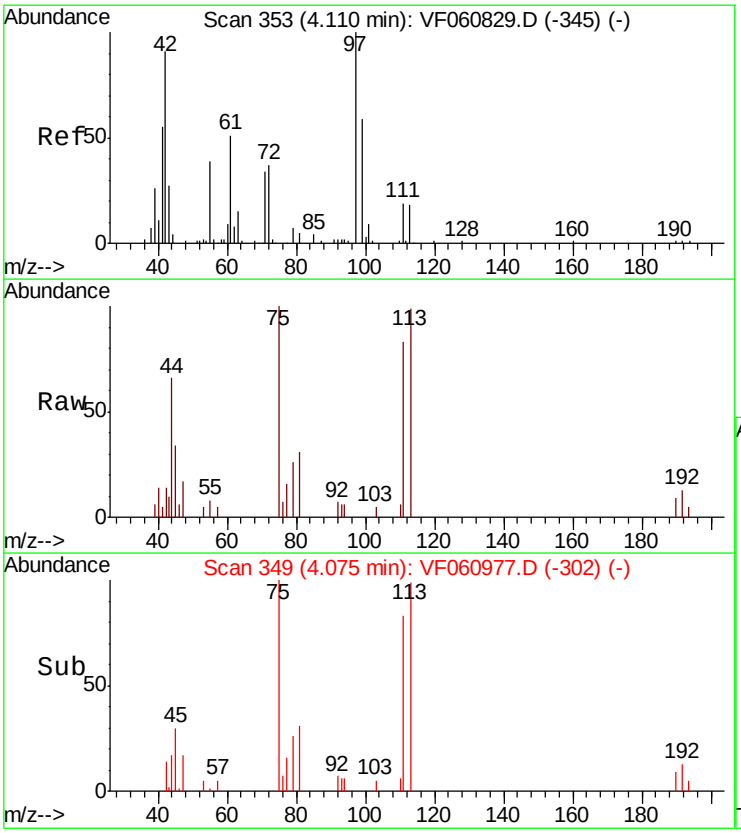
#20
Methylene Chloride
Concen: 3.306 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument : MSVOA_F
ClientSampleId : PL-02-120718

Tgt Ion: 84 Resp: 5576

Ion	Ratio	Lower	Upper
84	100		
49	183.0	111.3	166.9#
51	66.2	38.0	57.0#
86	53.3	49.8	74.8

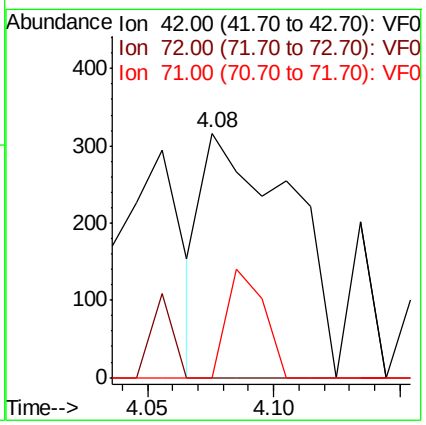


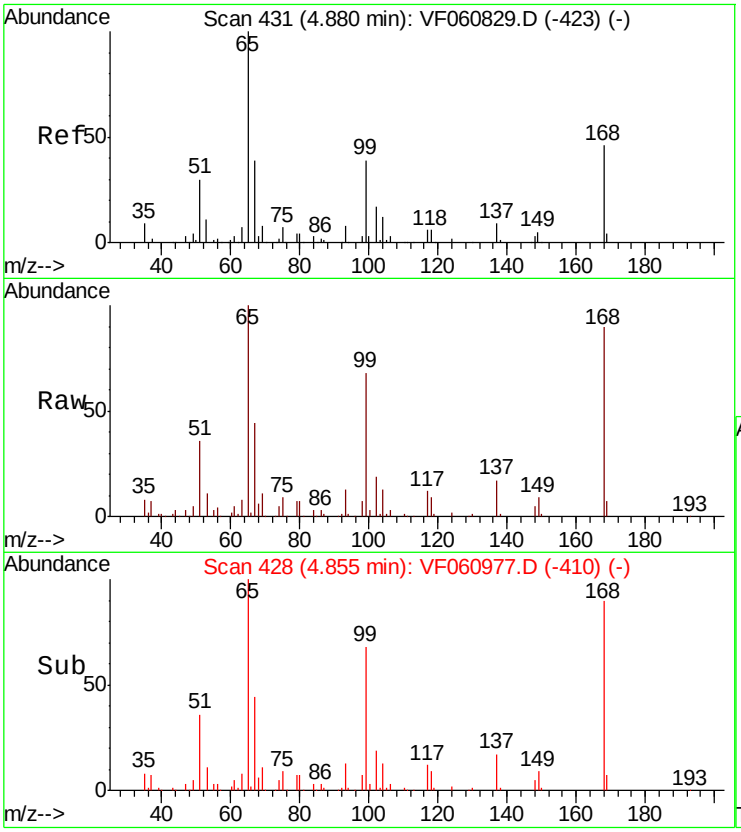


#29
Tetrahydrofuran
Concen: 2.270 ug/l
RT: 4.08 min Scan# 349
Delta R.T. -0.04 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion: 42 Resp: 765

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	18.8	28.7	43.1#



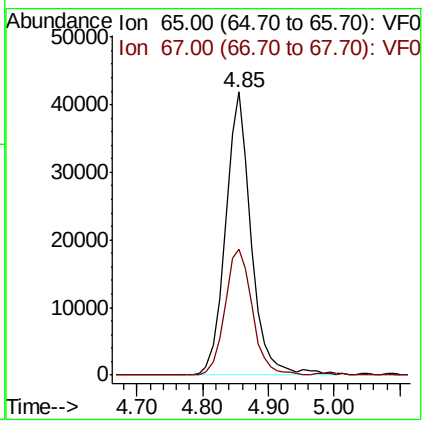


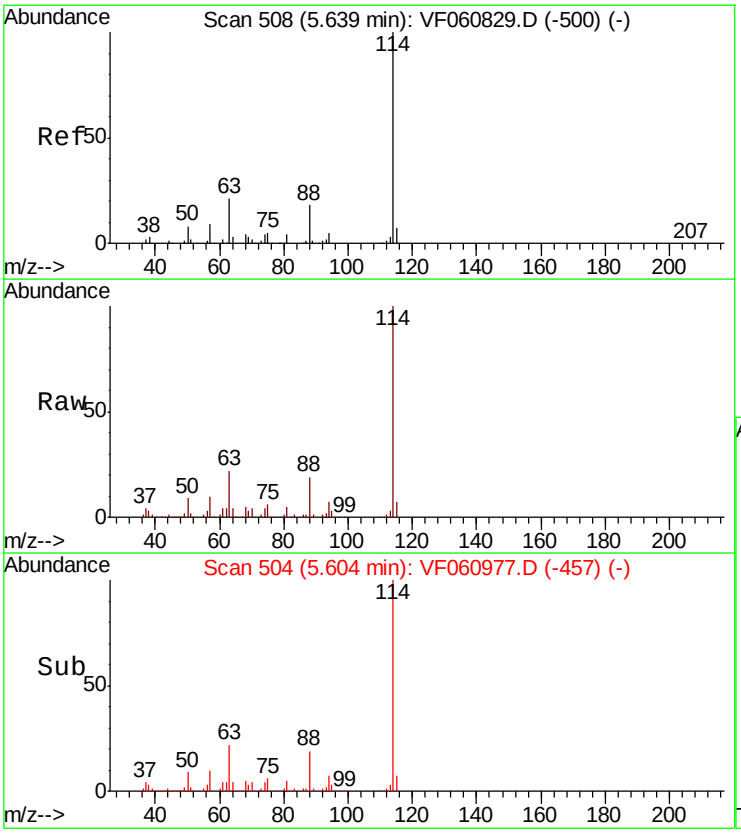
#33
1,2-Dichloroethane-d4
Concen: 45.690 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tgt Ion: 65 Resp: 113911

Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	96.4

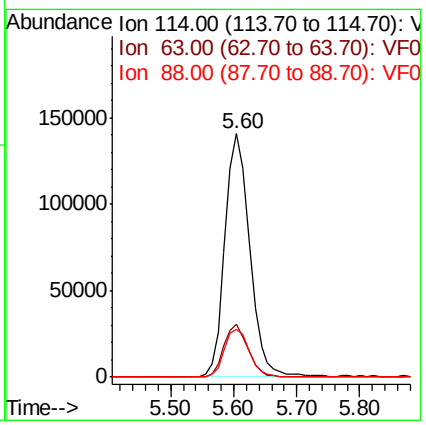


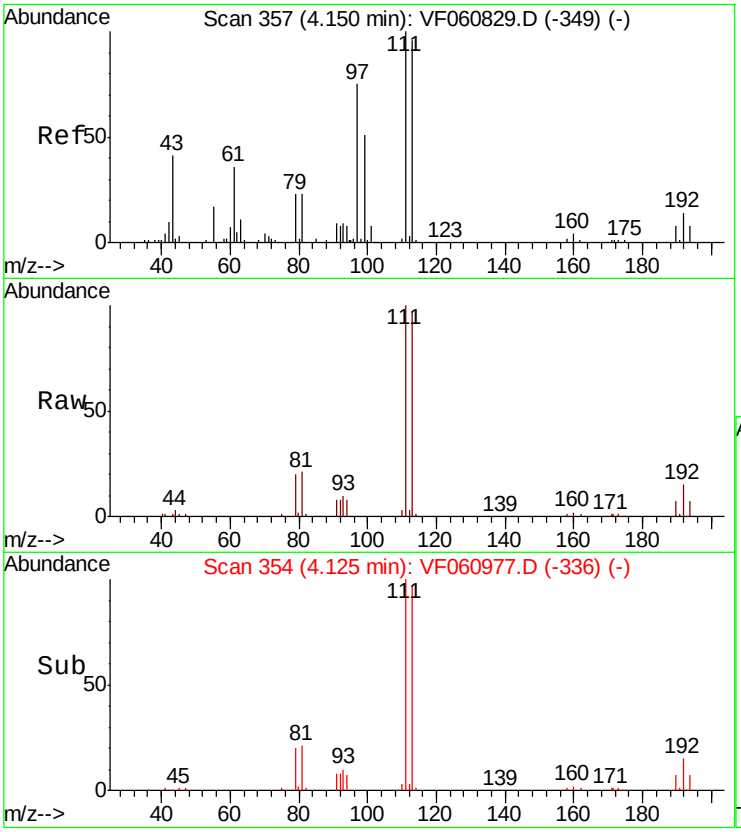


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion:114 Resp: 386449

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.6
88	19.4	0.0	36.6



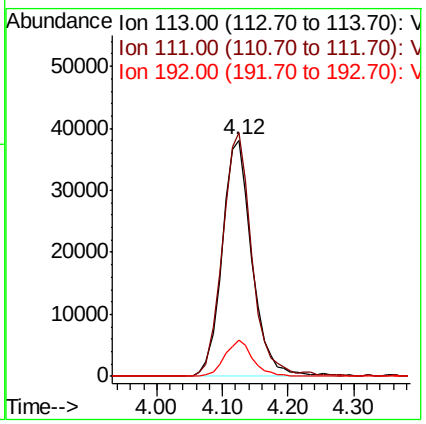


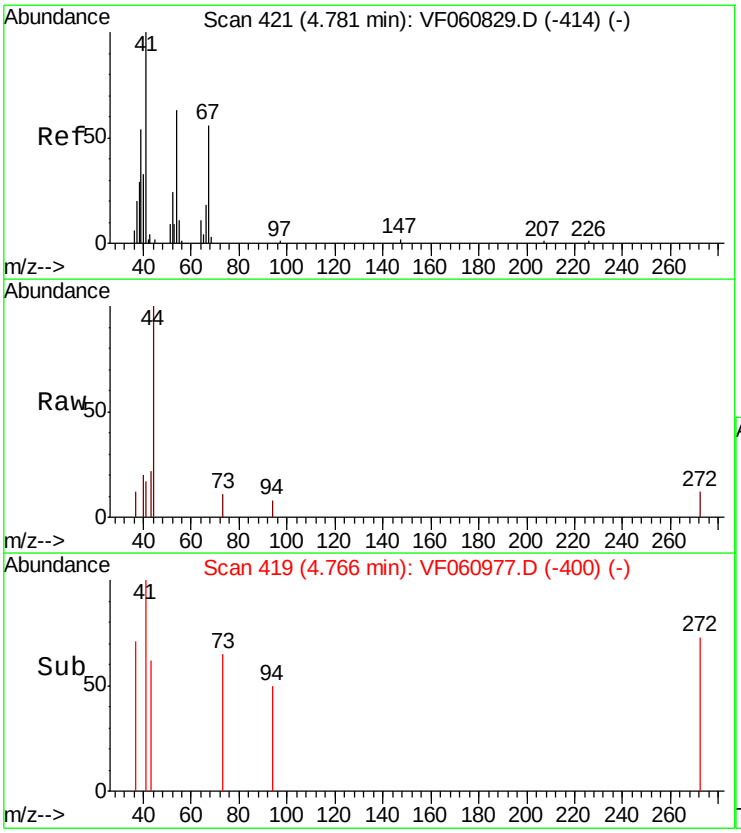
#35
Dibromofluoromethane
Concen: 39.404 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tgt Ion:113 Resp: 120805

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.6
192	15.4	12.3	18.5

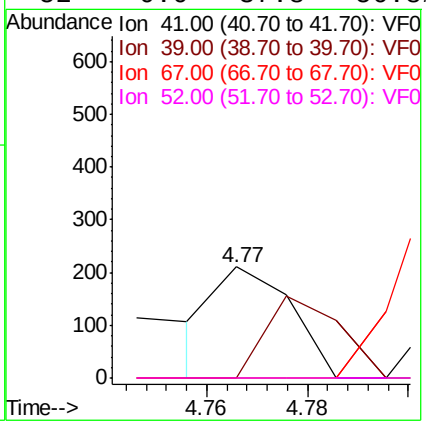


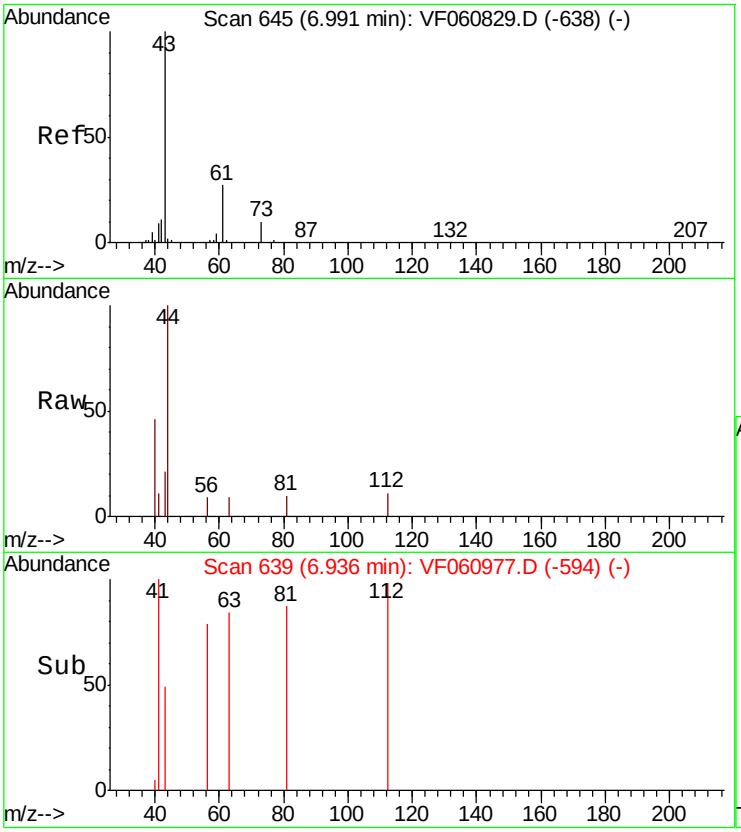


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.77 min Scan# 419
Delta R.T. -0.02 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion: 41 Resp: 218

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



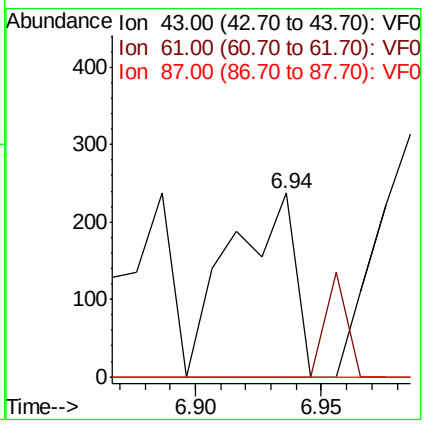


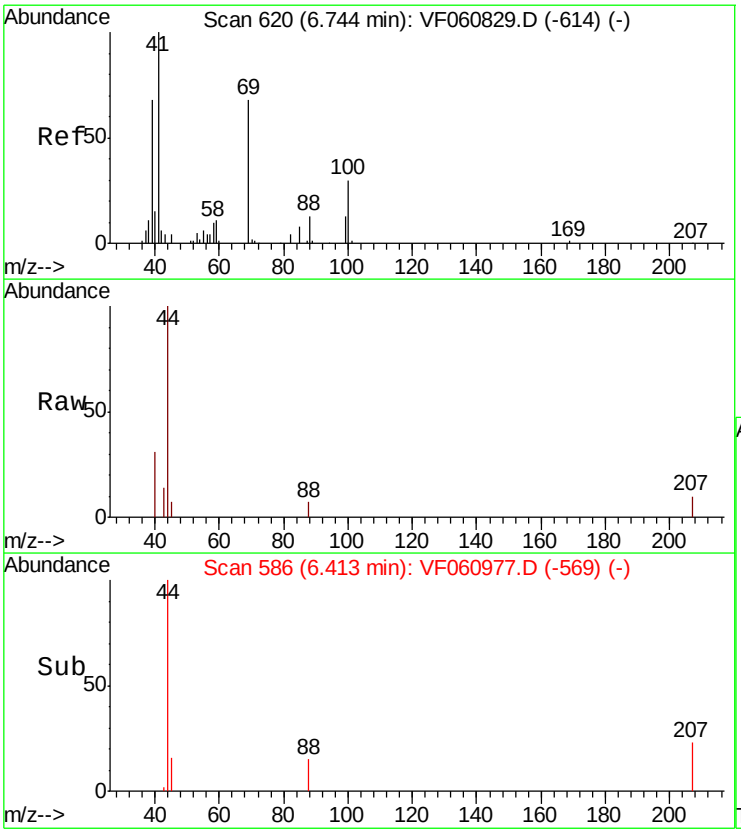
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.94 min Scan# 639
Delta R.T. -0.05 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument : MSVOA_F
ClientSampleId : PL-02-120718

Tgt Ion: 43 Resp: 426

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#

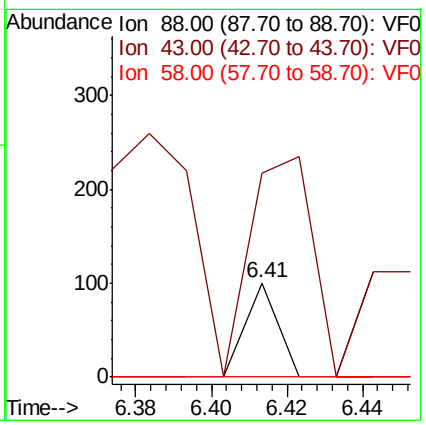


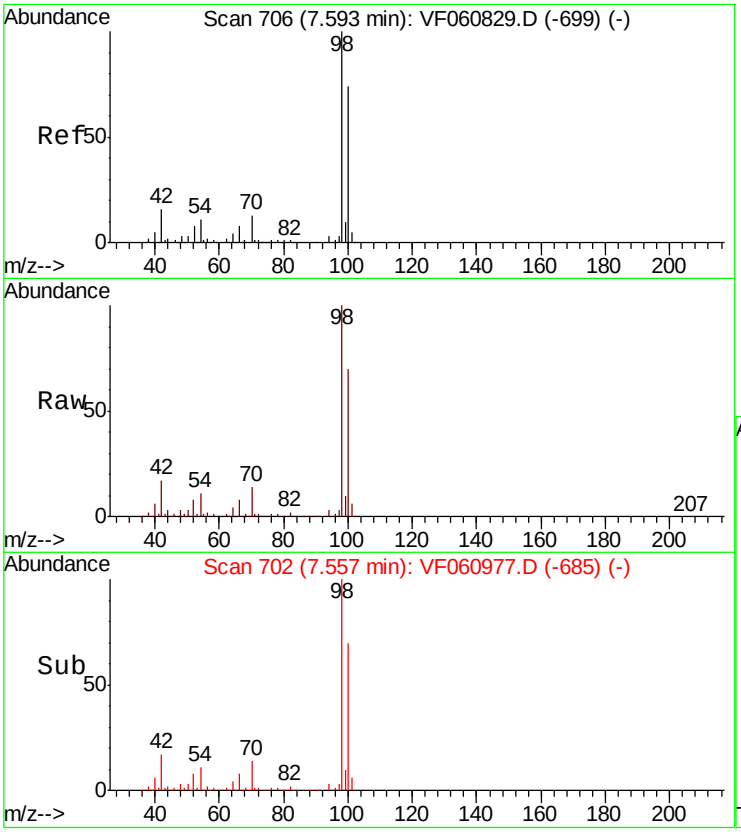


#49
1,4-Dioxane
Concen: 5.113 ug/l
RT: 6.41 min Scan# 586
Delta R.T. -0.33 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
43	217.0	42.0	63.0#
58	0.0	61.8	92.8#



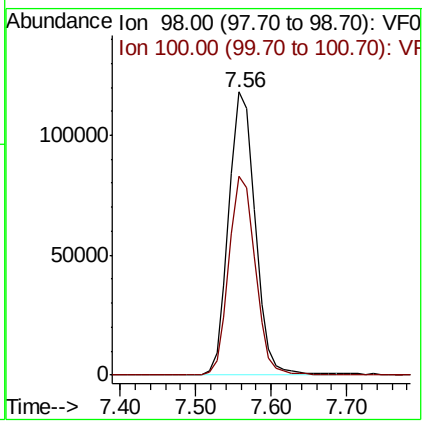


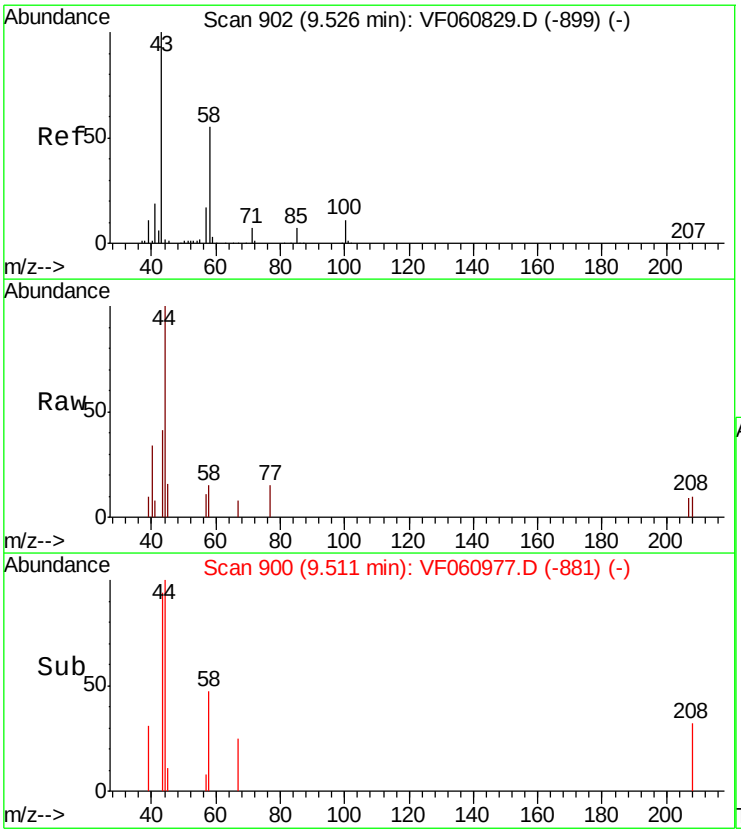
#50
Toluene-d8
Concen: 31.797 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tgt Ion: 98 Resp: 287153

Ion	Ratio	Lower	Upper
98	100		
100	70.5	59.3	88.9

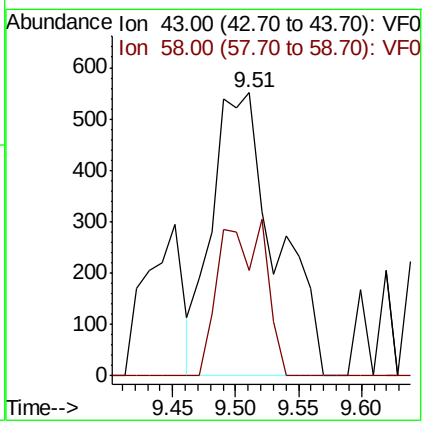


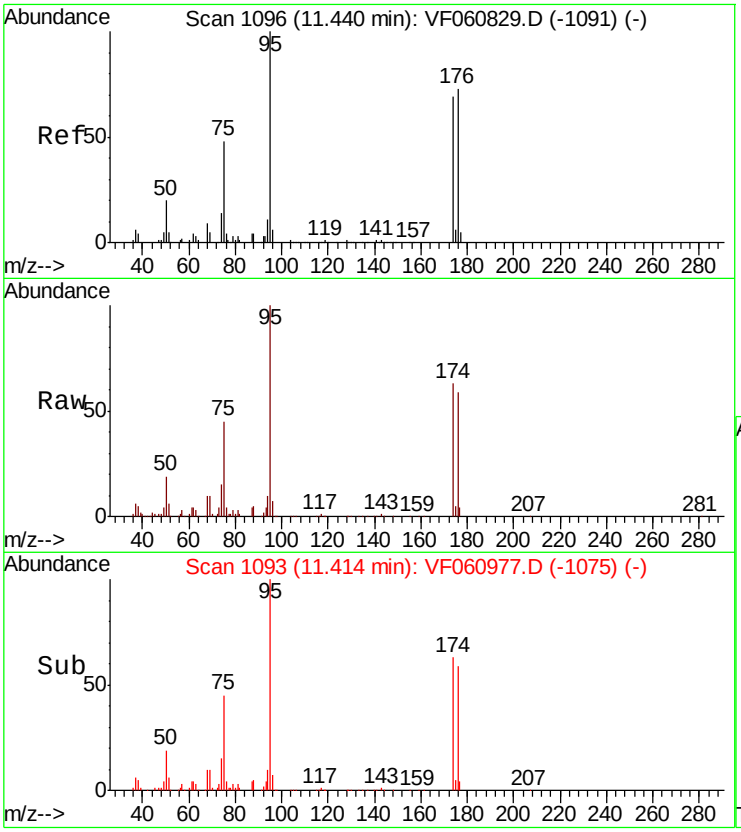


#59
2-Hexanone
Concen: 1.719 ug/l
RT: 9.51 min Scan# 900
Delta R.T. -0.02 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion: 43 Resp: 1937

Ion	Ratio	Lower	Upper
43	100		
58	37.2	25.6	76.6



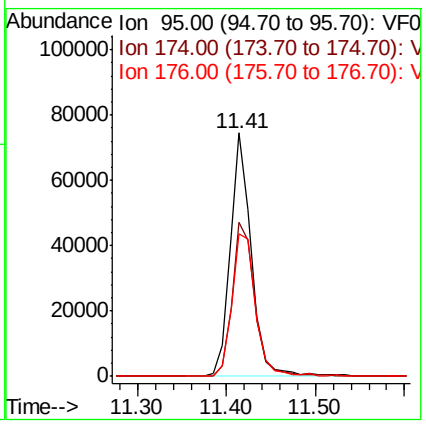


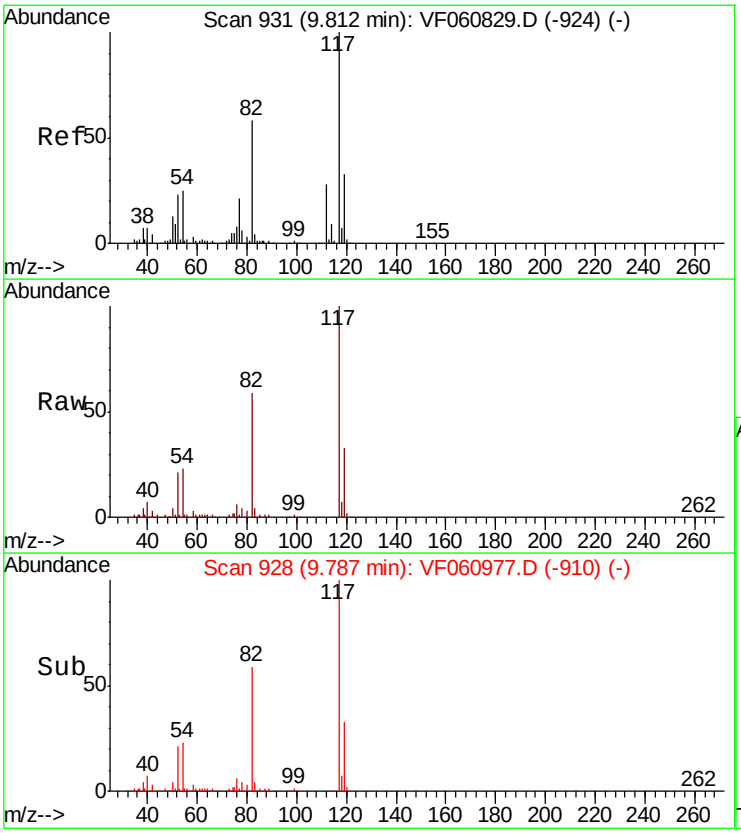
#62
4-Bromofluorobenzene
Concen: 30.150 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tgt Ion: 95 Resp: 123748

Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	138.2
176	58.6	0.0	146.2

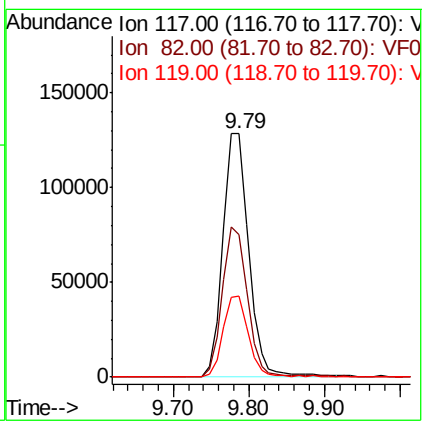


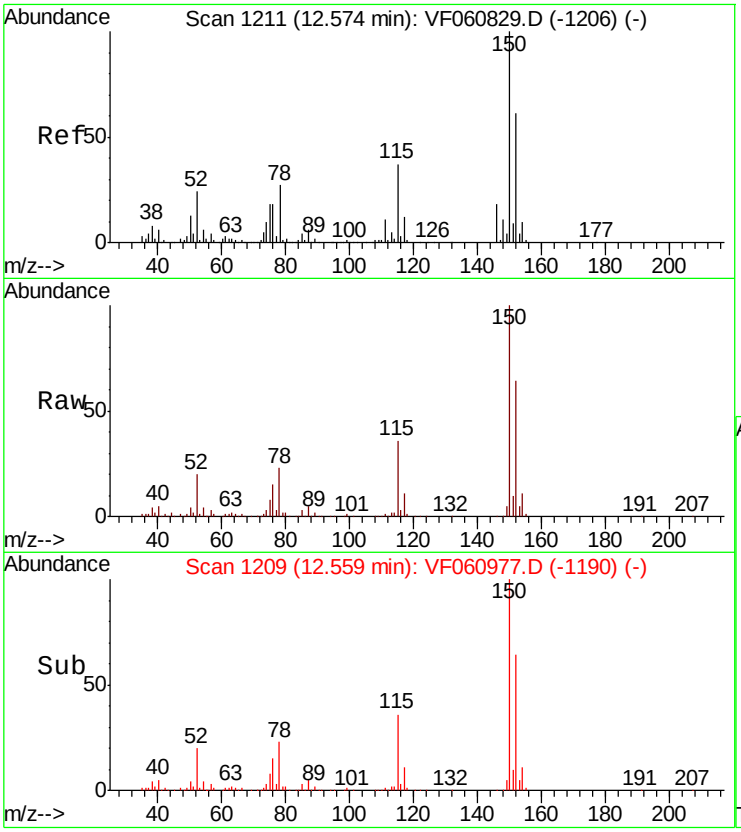


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion:117 Resp: 306541

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.6	69.8
119	33.3	26.4	39.6



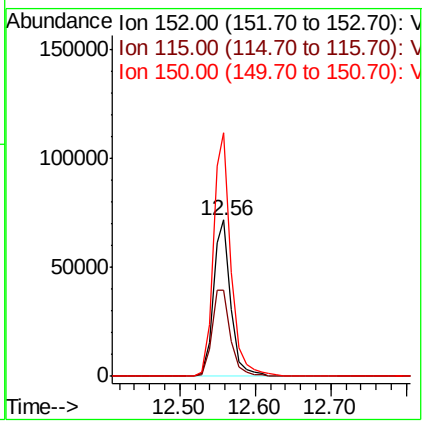


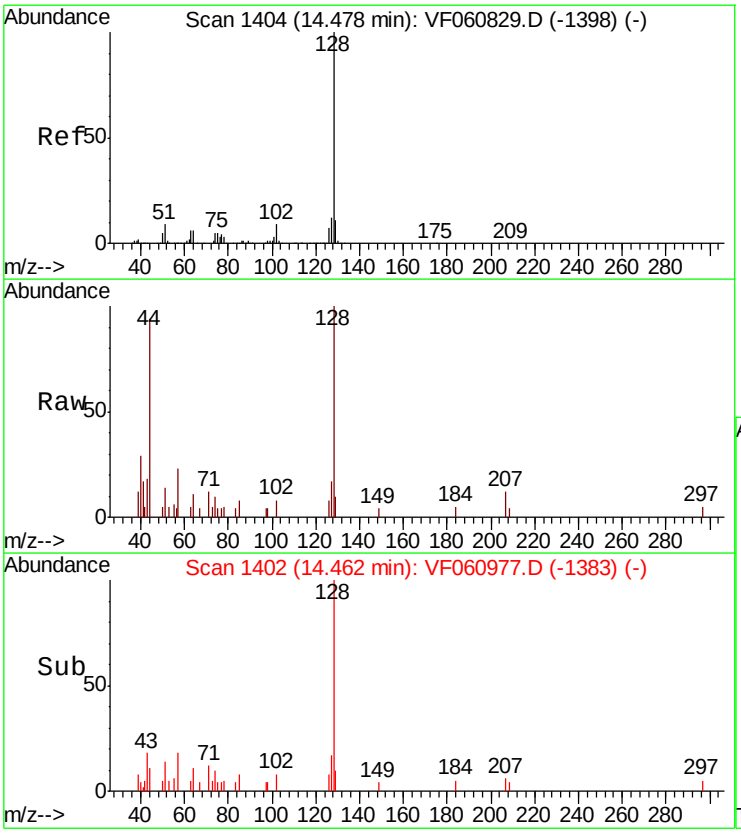
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument : MSVOA_F
ClientSampleId : PL-02-120718

Tgt Ion:152 Resp: 115998

Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.1	90.5
150	155.9	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion:128 Resp: 4265

Ion	Ratio	Lower	Upper
128	100		
127	17.2	9.9	14.9#
129	10.4	9.1	13.7