Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060927.D
Acq On : 6 Dec 2018 20:01
Operator : VA/AP
Sample : J6214-21
Misc : 5.52g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 07 00:23:54 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	4.86	168	82474	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	130971	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	105502	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	38444	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	42478	43.72	ug/l	-0.04
Spiked Amount 50.000			Recovery = 87.44%			
35) Dibromofluoromethane	4.11	113	48235	46.42	ug/l	-0.04
Spiked Amount 50.000			Recovery = 92.84%			
50) Toluene-d8	7.56	98	107715	35.19	ug/l	-0.04
Spiked Amount 50.000			Recovery = 70.38%			
62) 4-Bromofluorobenzene	11.41	95	41072	29.53	ug/l	-0.03
Spiked Amount 50.000			Recovery = 59.06%			
Target Compounds						Qvalue
13) Acrolein	1.93	56	466	12.349	ug/l	85
15) Acrylonitrile	2.93	53	121	1.355	ug/l #	11
16) Acetone	2.19	43	573	3.198	ug/l	98
18) Methyl Acetate	2.27	43	1798	4.479	ug/l	97
20) Methylene Chloride	2.22	84	1906	2.900	ug/l #	81
29) Tetrahydrofuran	4.18	42	182	1.386	ug/l	94
41) Methacrylonitrile	4.73	41	227	Below Cal	#	49
43) Isopropyl Acetate	6.95	43	397	Below Cal	#	49
59) 2-Hexanone	9.50	43	1293	3.386	ug/l	93
95) Naphthalene	14.45	128	5079	Below Cal	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060927.D
Acq On : 6 Dec 2018 20:01
Operator : VA/AP
Sample : J6214-21
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Instrument :
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ClientSampleId :

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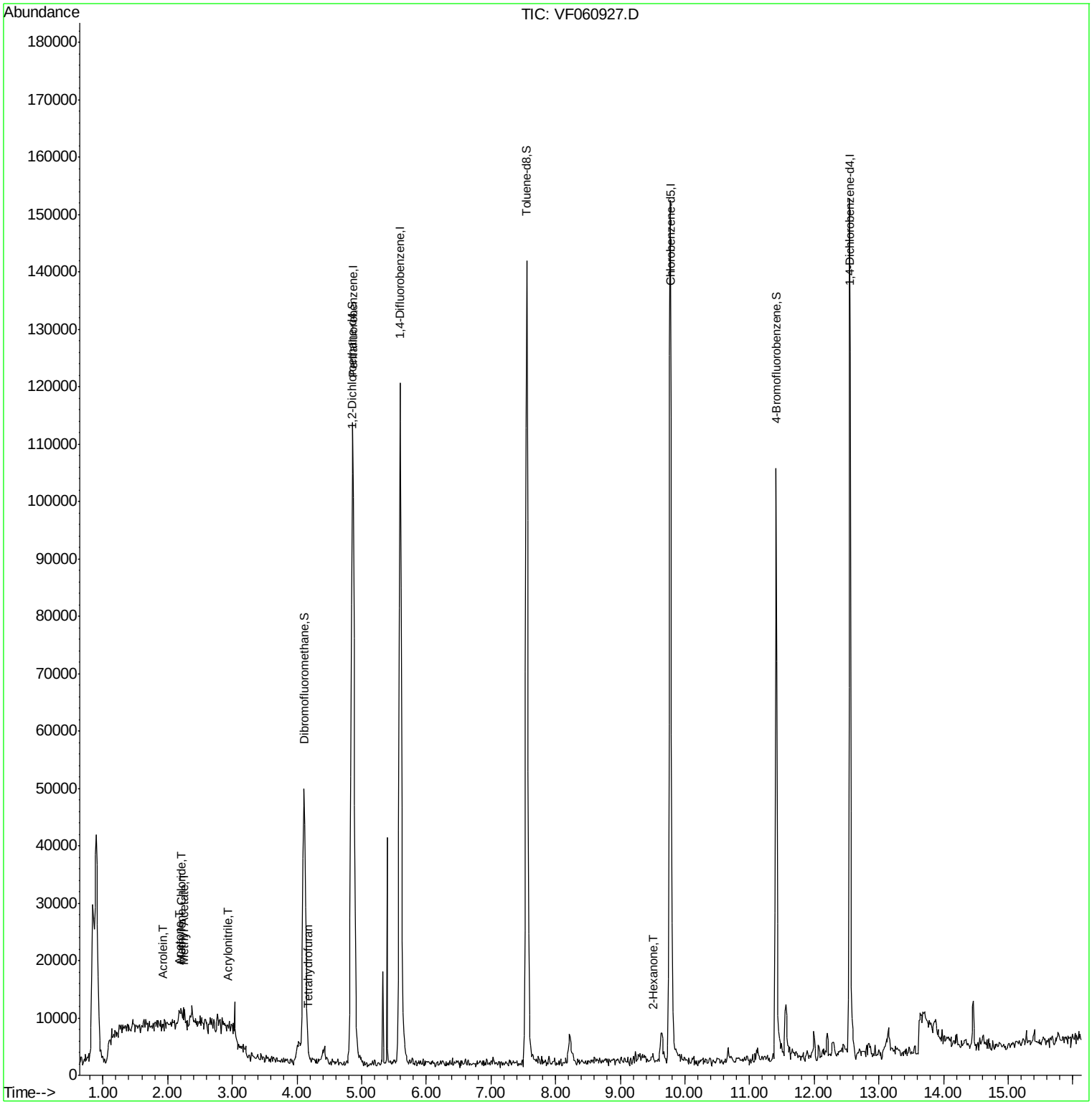
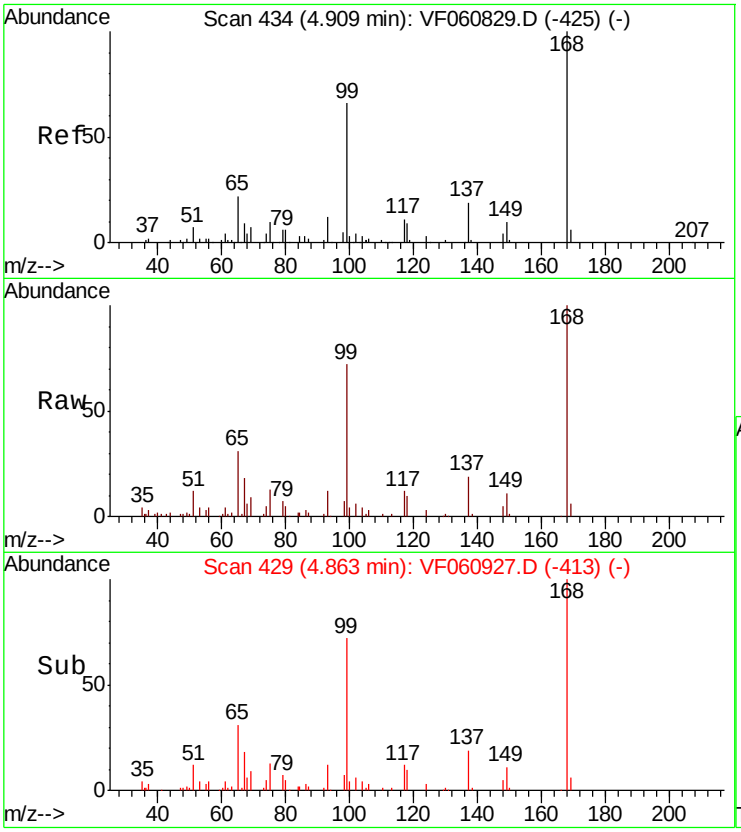
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



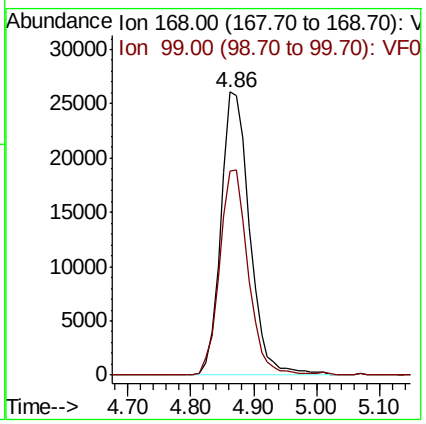


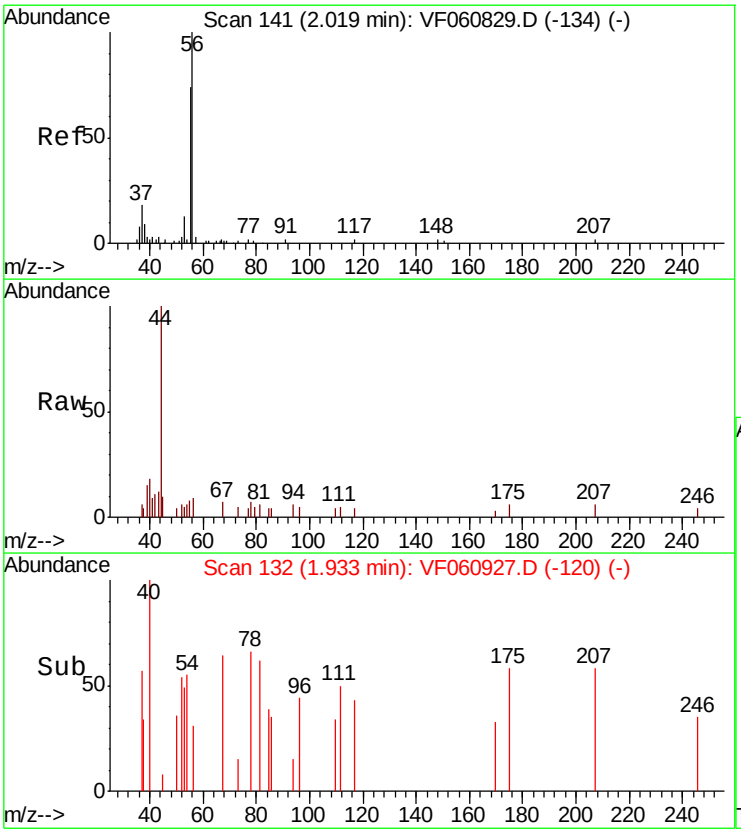
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 82474

Ion	Ratio	Lower	Upper
168	100		
99	71.9	52.6	79.0

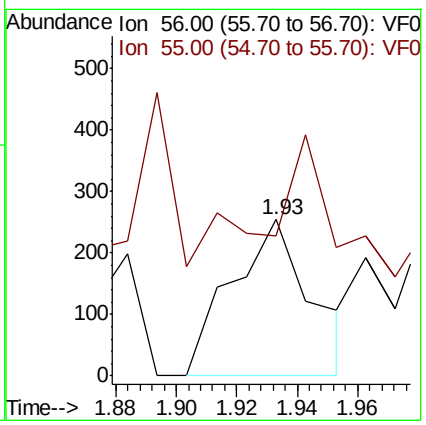


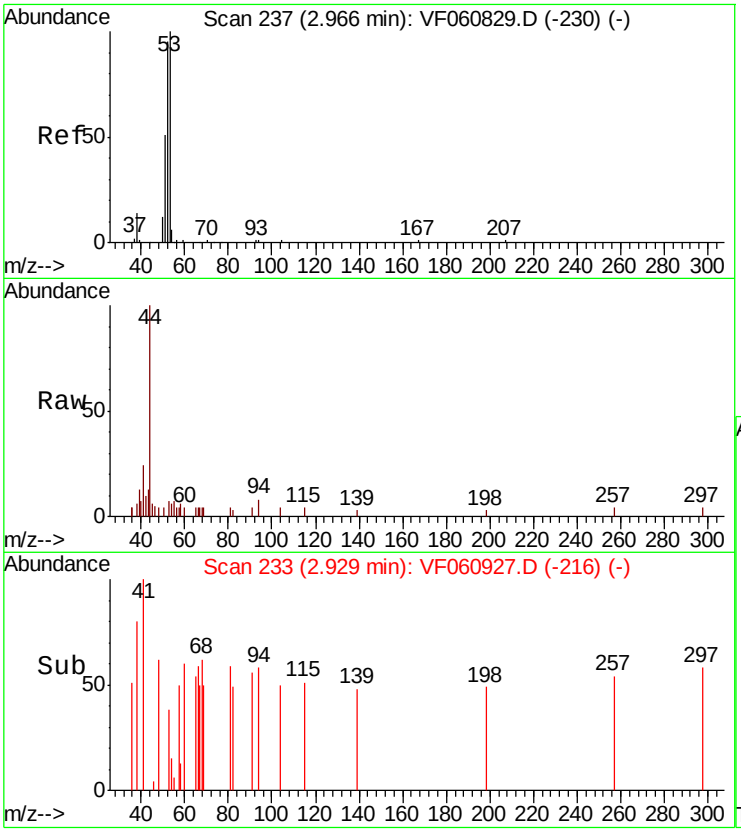


#13
Acrolein
Concen: 12.349 ug/l
RT: 1.93 min Scan# 132
Delta R.T. -0.09 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion: 56 Resp: 466

Ion	Ratio	Lower	Upper
56	100		
55	89.4	61.2	91.8



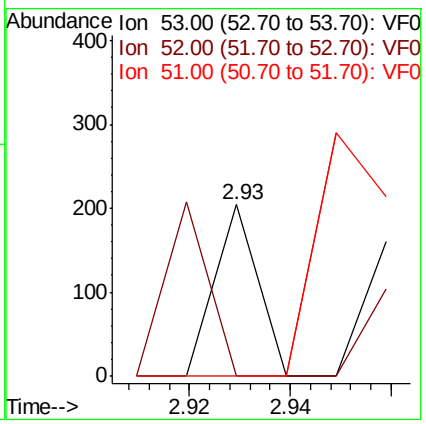


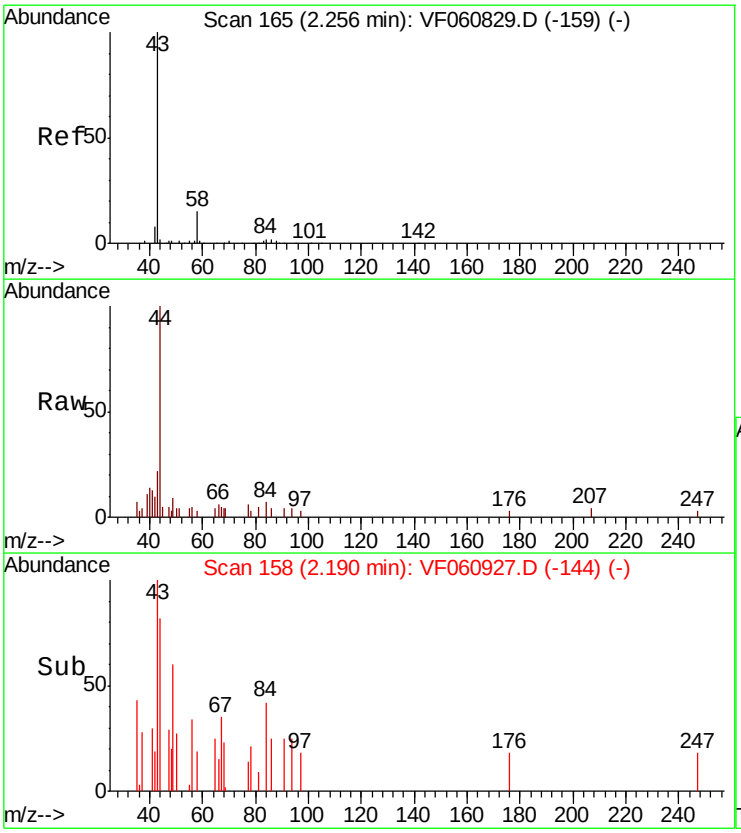
#15
Acrylonitrile
Concen: 1.355 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 121

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

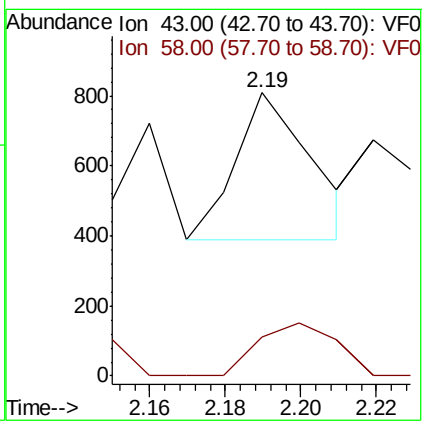


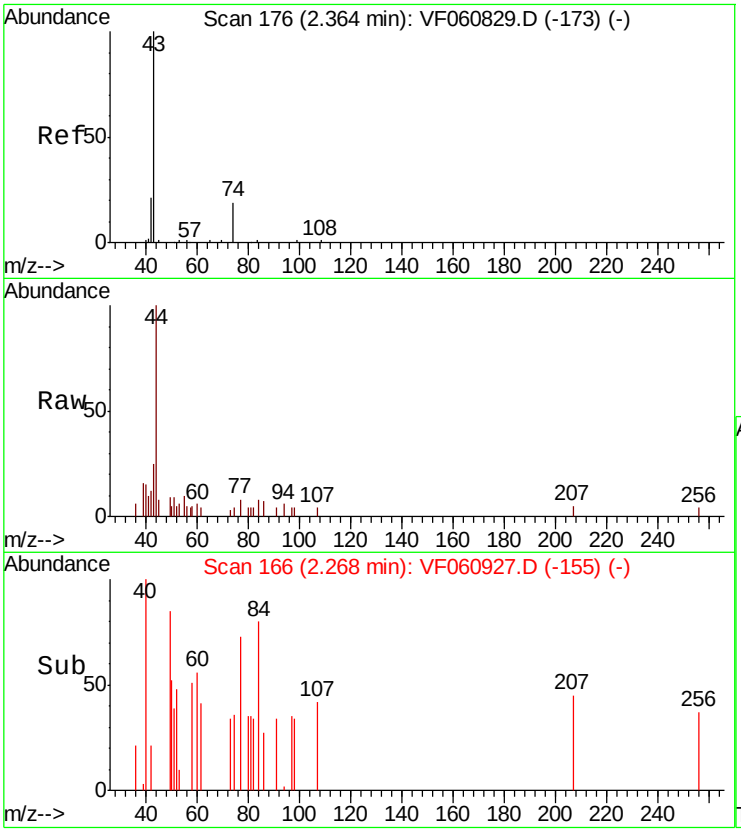


#16
Acetone
Concen: 3.198 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.07 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion: 43 Resp: 573

Ion	Ratio	Lower	Upper
43	100		
58	13.6	11.4	17.2



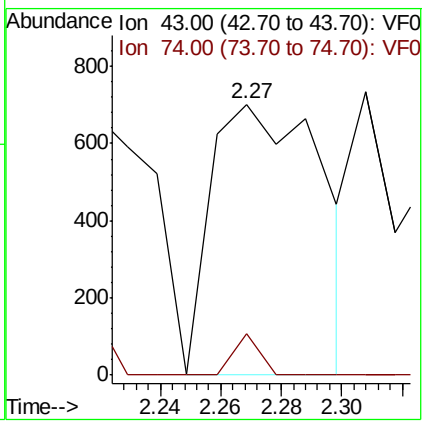


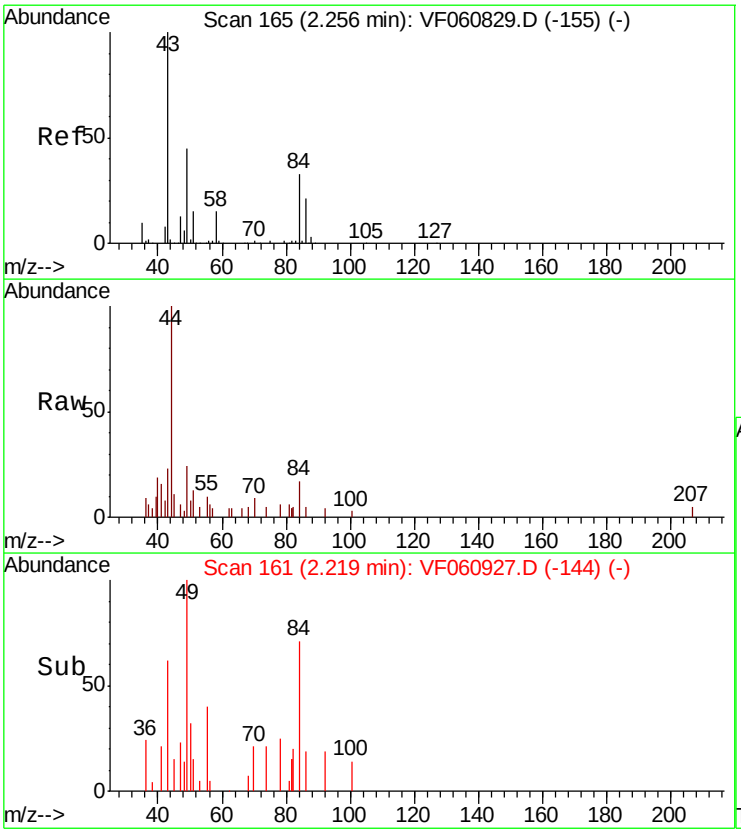
#18
Methyl Acetate
Concen: 4.479 ug/l
RT: 2.27 min Scan# 166
Delta R.T. -0.10 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1798

Ion	Ratio	Lower	Upper
43	100		
74	15.2	13.3	19.9

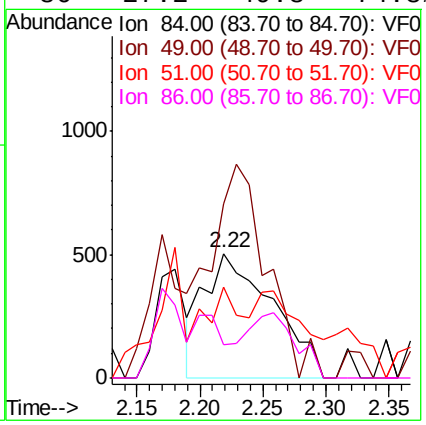


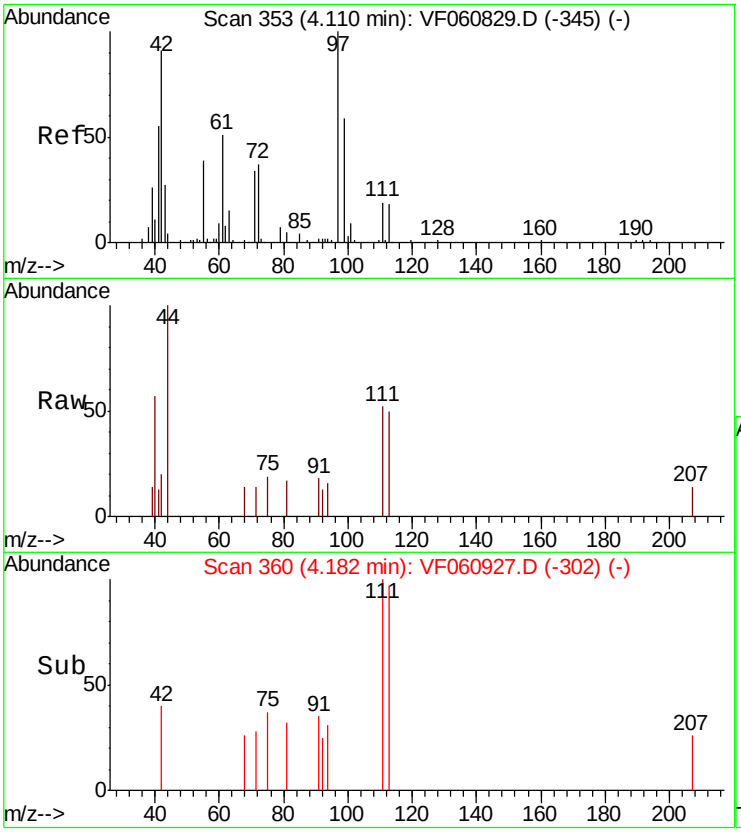


#20
Methylene Chloride
Concen: 2.900 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion: 84 Resp: 1906

Ion	Ratio	Lower	Upper
84	100		
49	140.1	111.3	166.9
51	73.2	38.0	57.0#
86	27.2	49.8	74.8#



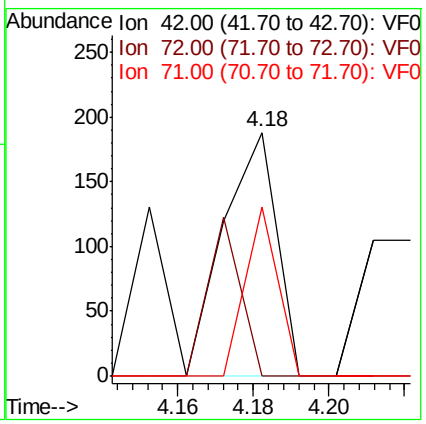


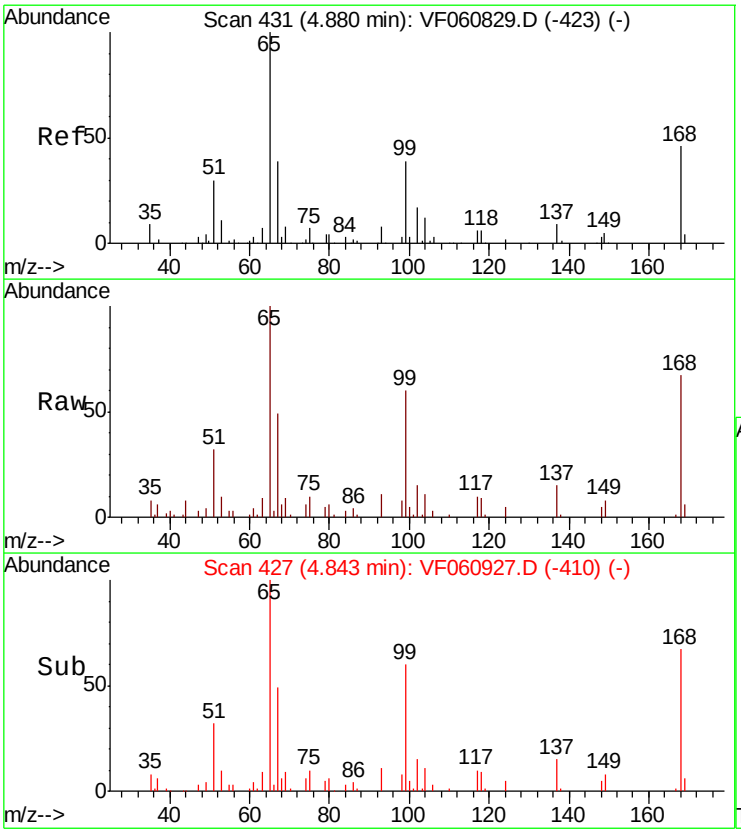
#29
Tetrahydrofuran
Concen: 1.386 ug/l
RT: 4.18 min Scan# 360
Delta R.T. 0.07 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 182

Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.9	47.9
71	42.9	28.7	43.1

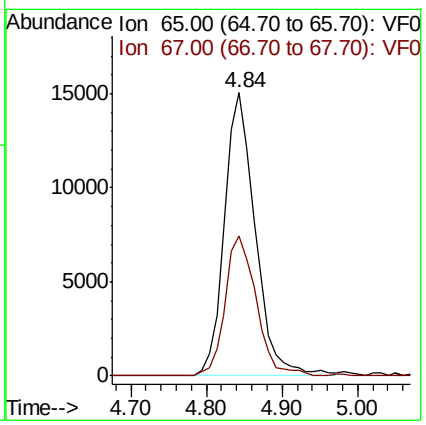


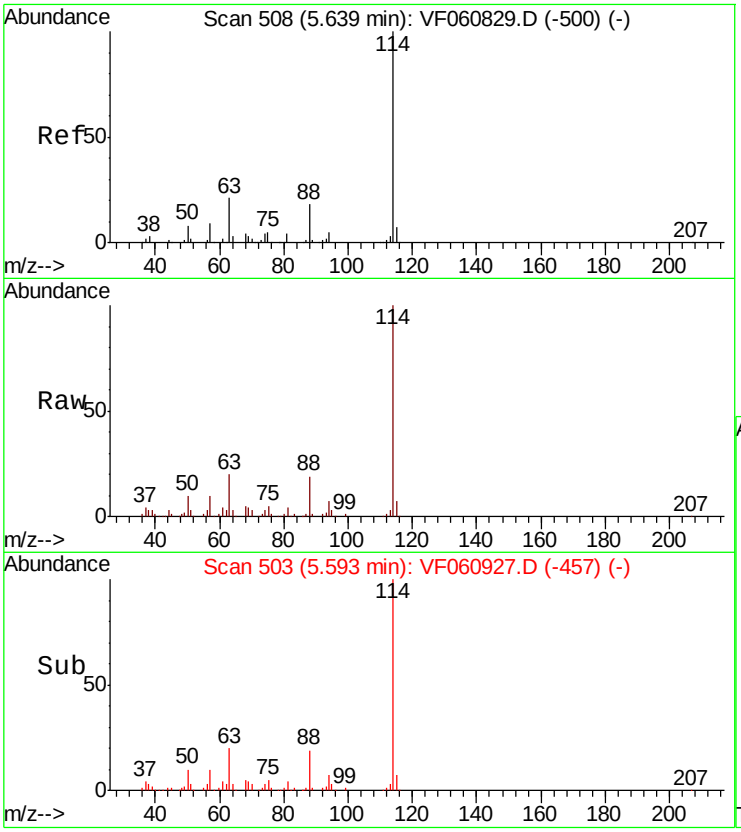


#33
1,2-Dichloroethane-d4
Concen: 43.721 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion: 65 Resp: 42478

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	96.4



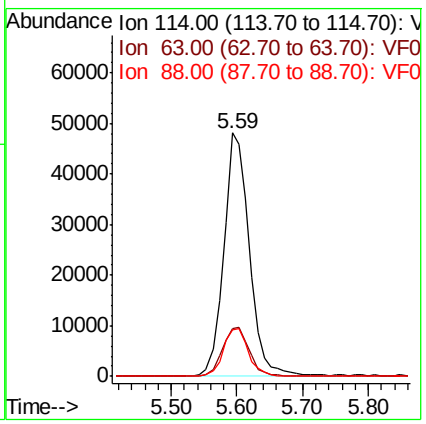


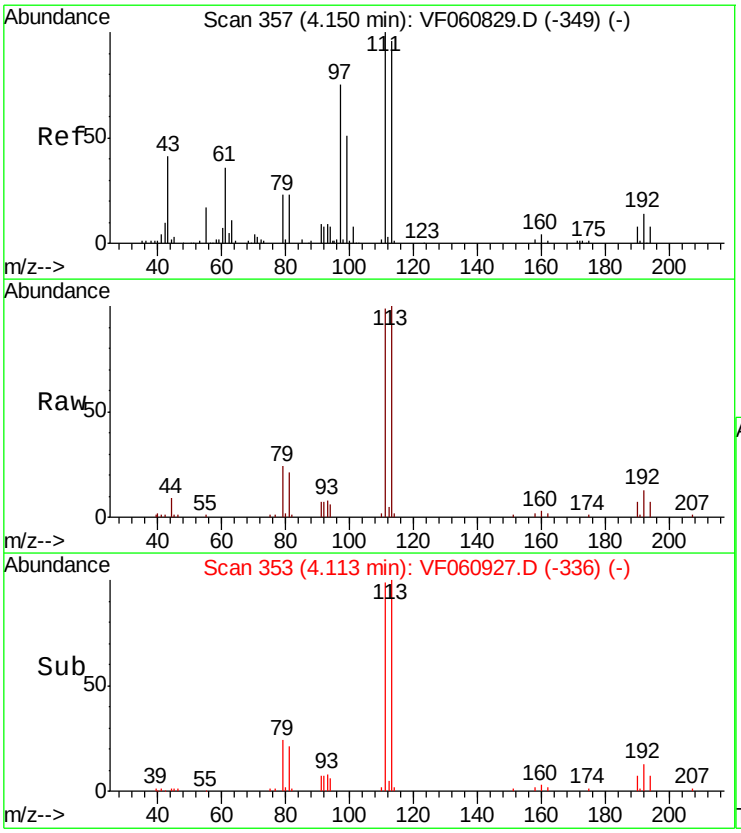
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 130971

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.6
88	18.9	0.0	36.6

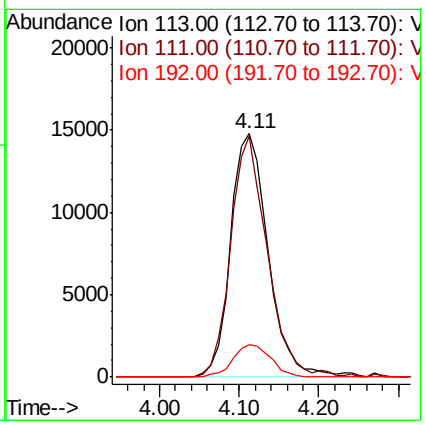


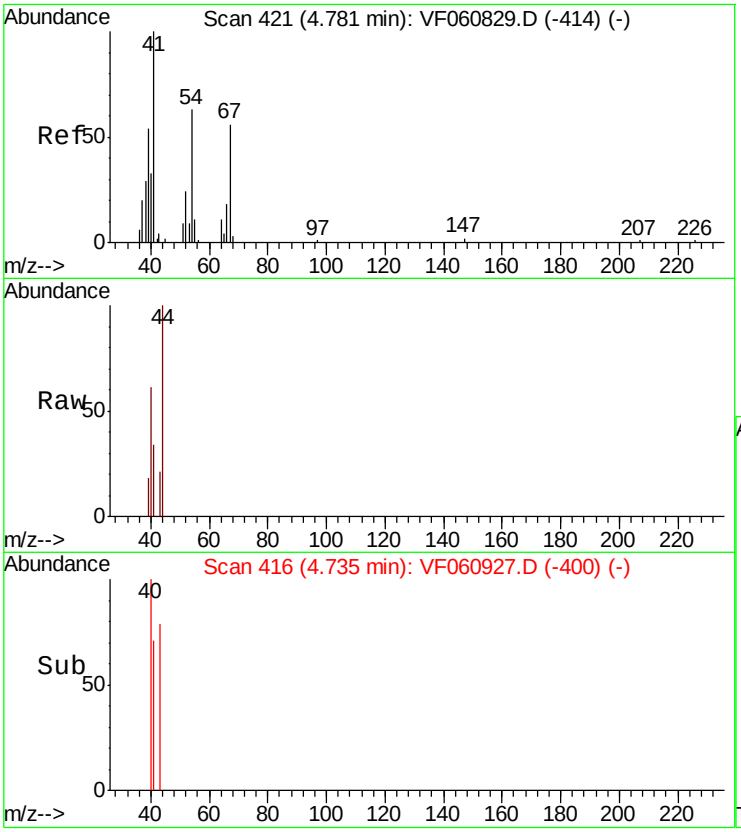


#35
Dibromofluoromethane
Concen: 46.423 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion:113 Resp: 48235

Ion	Ratio	Lower	Upper
113	100		
111	99.1	83.0	124.6
192	13.1	12.3	18.5



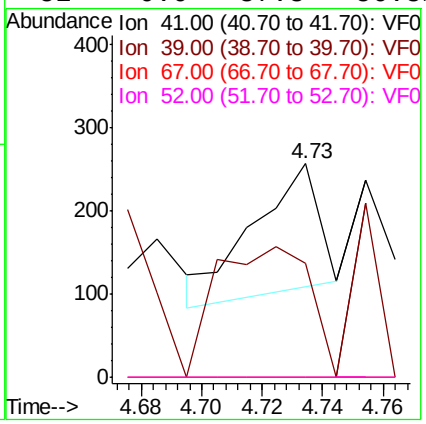


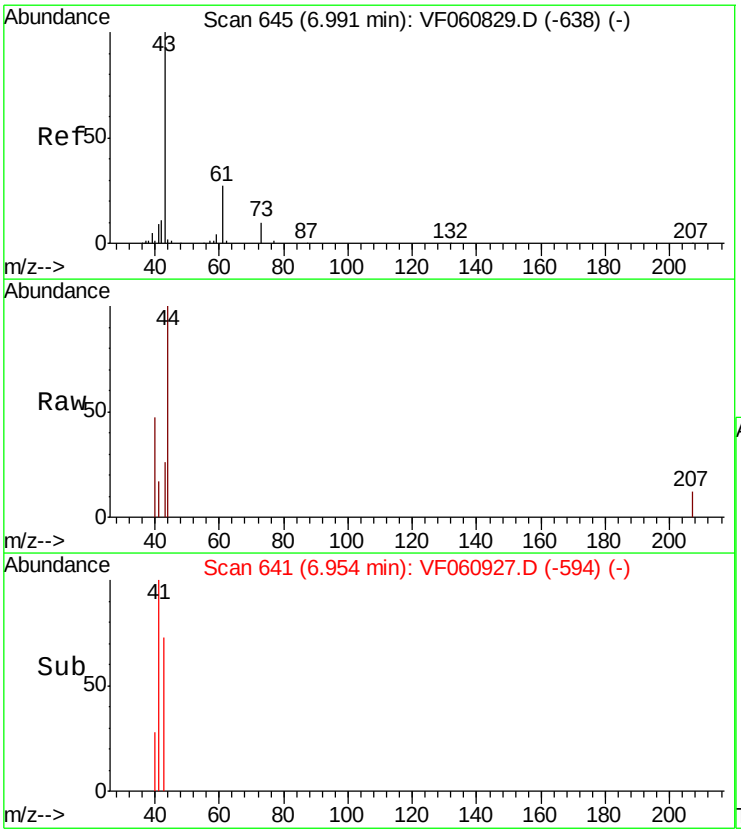
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.73 min Scan# 416
Delta R.T. -0.05 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 227

Ion	Ratio	Lower	Upper
41	100		
39	53.1	53.0	79.6
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

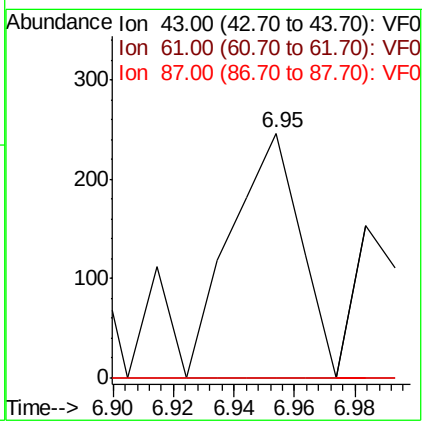


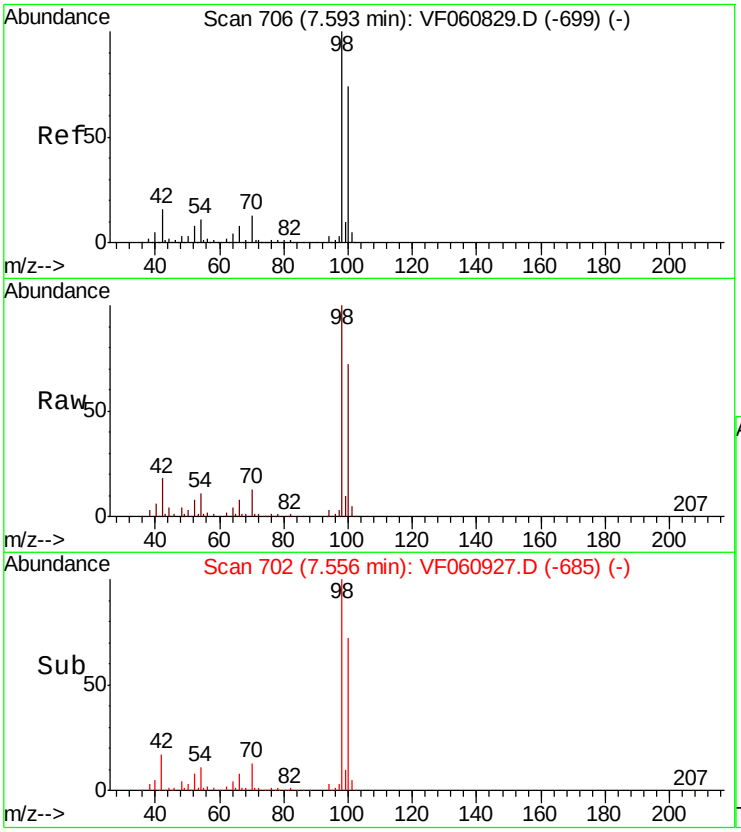


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.95 min Scan# 641
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion: 43 Resp: 397

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



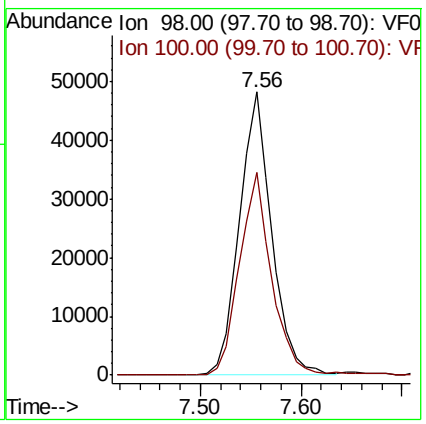


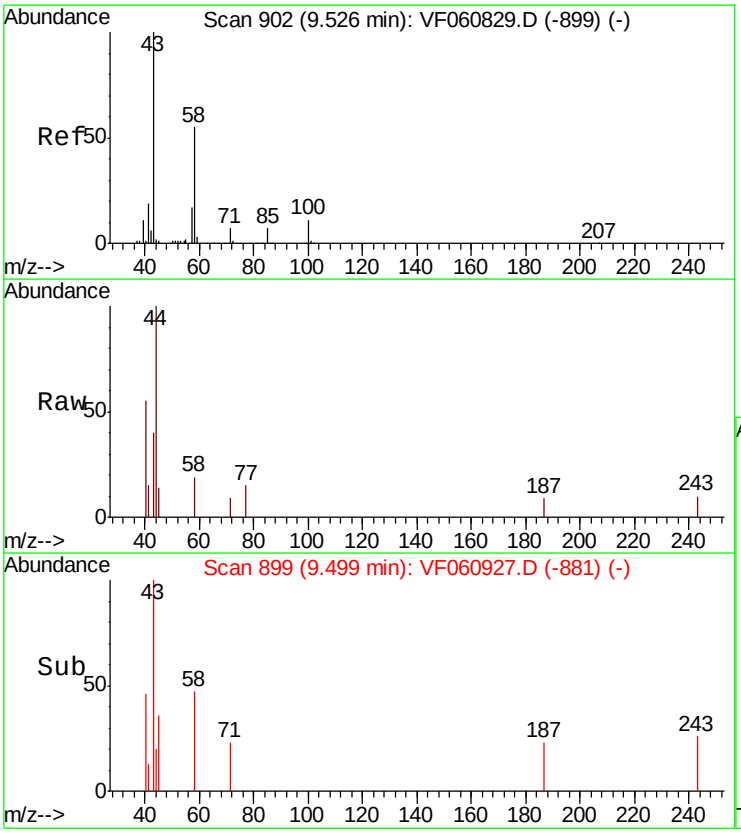
#50
Toluene-d8
Concen: 35.193 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 107715

Ion	Ratio	Lower	Upper
98	100		
100	71.7	59.3	88.9

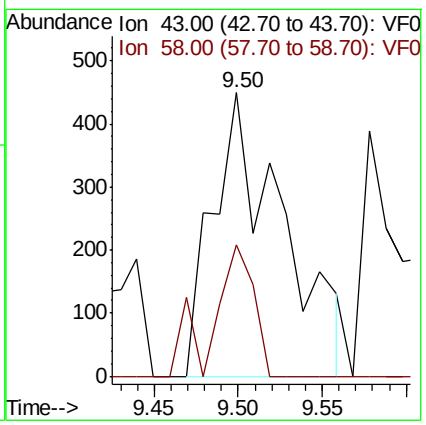


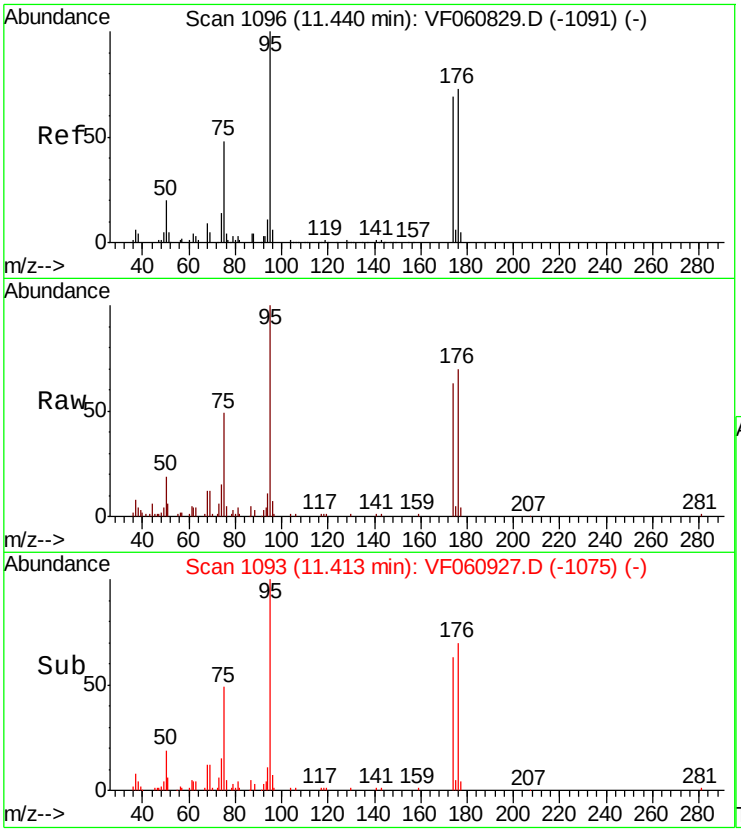


#59
2-Hexanone
Concen: 3.386 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion: 43 Resp: 1293

Ion	Ratio	Lower	Upper
43	100		
58	46.5	25.6	76.6



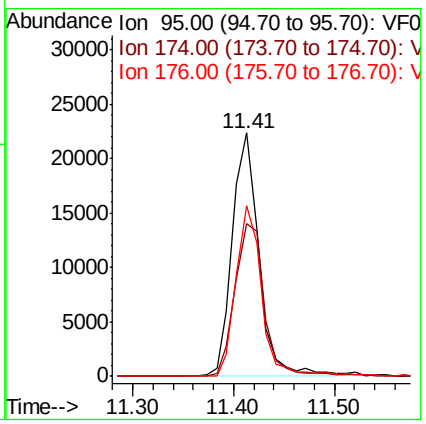


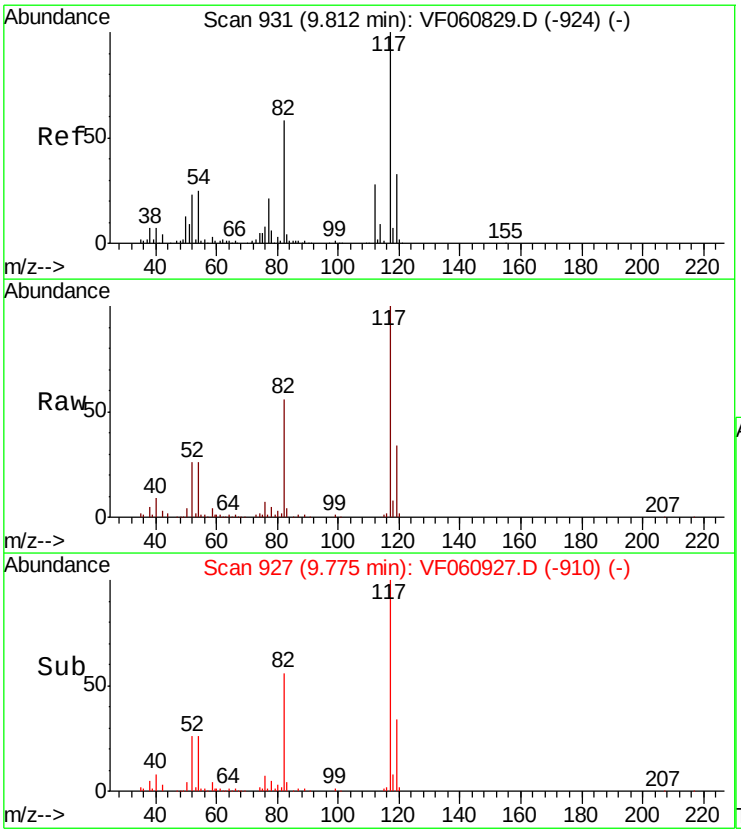
#62
4-Bromofluorobenzene
Concen: 29.526 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 41072

Ion	Ratio	Lower	Upper
95	100		
174	62.8	0.0	138.2
176	69.8	0.0	146.2

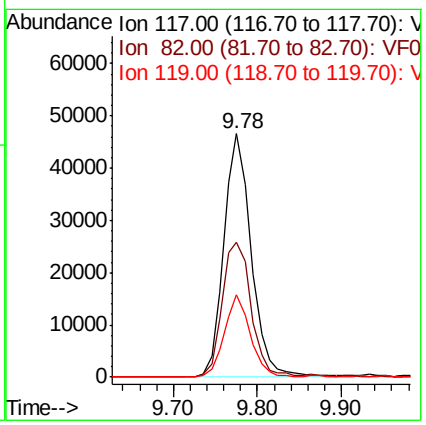


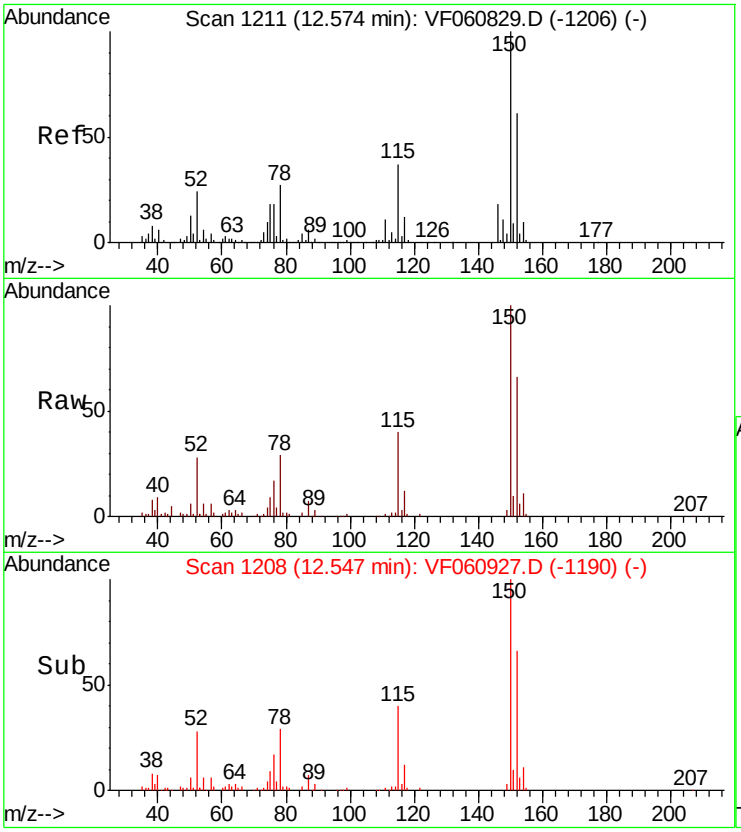


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Tgt Ion:117 Resp: 105502

Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.6	69.8
119	33.9	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060927.D
Acq: 6 Dec 2018 20:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 38444

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.5
150	150.7	0.0	327.6