Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121218\
Data File : VF061011.D
Acq On : 12 Dec 2018 22:35
Operator : VA/AP
Sample : J6316-15RE
Misc : 5.15g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-2

Quant Time: Dec 13 01:28:12 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	229887	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	376393	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.76	117	304740	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	119782	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	126317	46.64	ug/l	-0.04
Spiked Amount 50.000			Recovery = 93.28%			
35) Dibromofluoromethane	4.10	113	136187	45.61	ug/l	-0.05
Spiked Amount 50.000			Recovery = 91.22%			
50) Toluene-d8	7.54	98	311427	35.41	ug/l	-0.05
Spiked Amount 50.000			Recovery = 70.82%			
62) 4-Bromofluorobenzene	11.40	95	121981	30.51	ug/l	-0.04
Spiked Amount 50.000			Recovery = 61.02%			
Target Compounds						Qvalue
13) Acrolein	1.89	56	372	3.537	ug/l	88
15) Acrylonitrile	2.95	53	401	1.611	ug/l #	52
16) Acetone	2.24	43	1022	2.046	ug/l #	65
18) Methyl Acetate	2.37	43	1135	Below Cal	#	61
41) Methacrylonitrile	4.71	41	215	Below Cal	#	43
43) Isopropyl Acetate	6.92	43	215	Below Cal	#	49
49) 1,4-Dioxane	6.28	88	61	5.428	ug/l #	17
59) 2-Hexanone	9.49	43	1164	1.061	ug/l	84
95) Naphthalene	14.45	128	1044	Below Cal	#	72

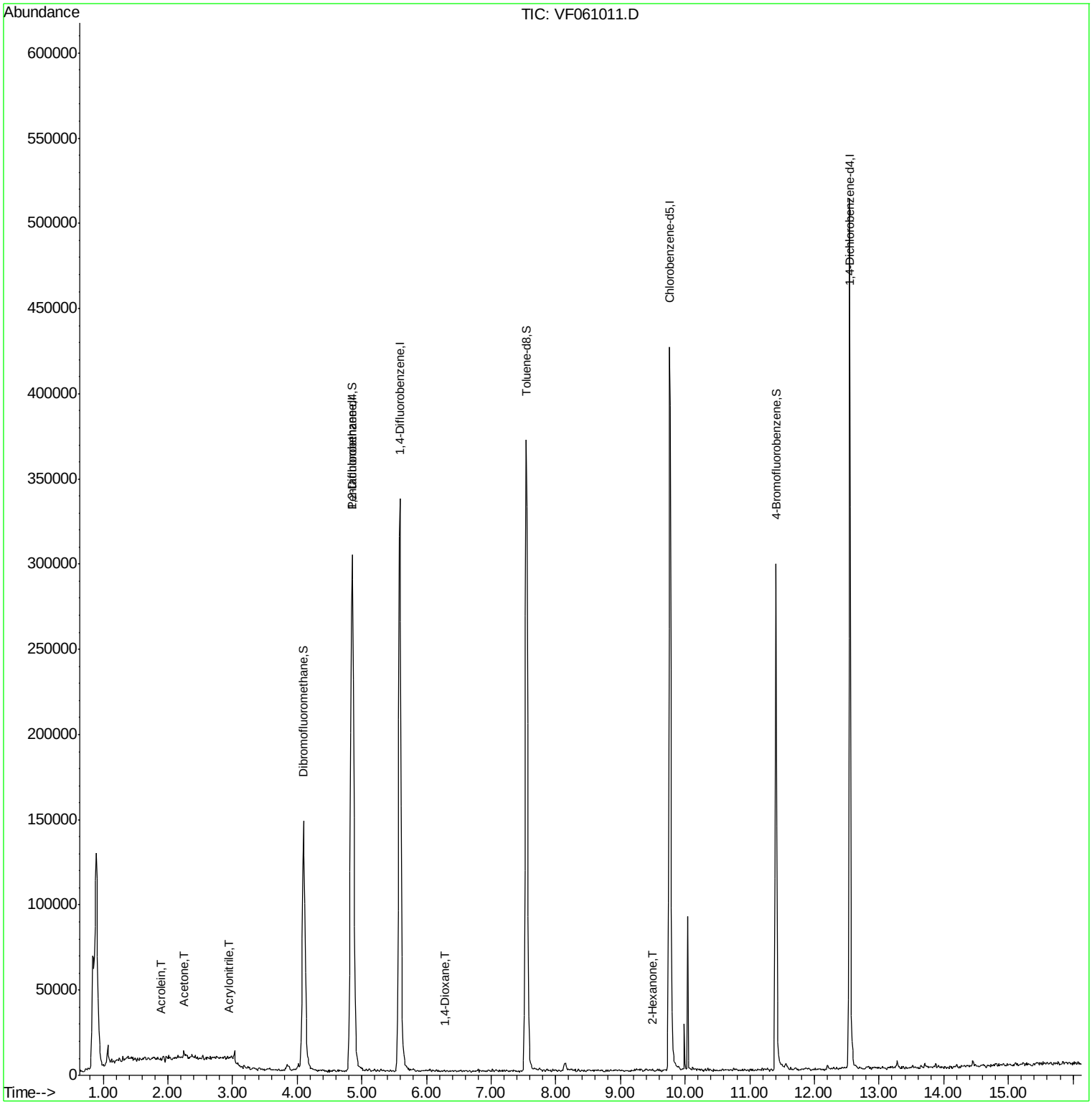
(#) = qualifier out of range (m) = manual integration (+) = signals summed

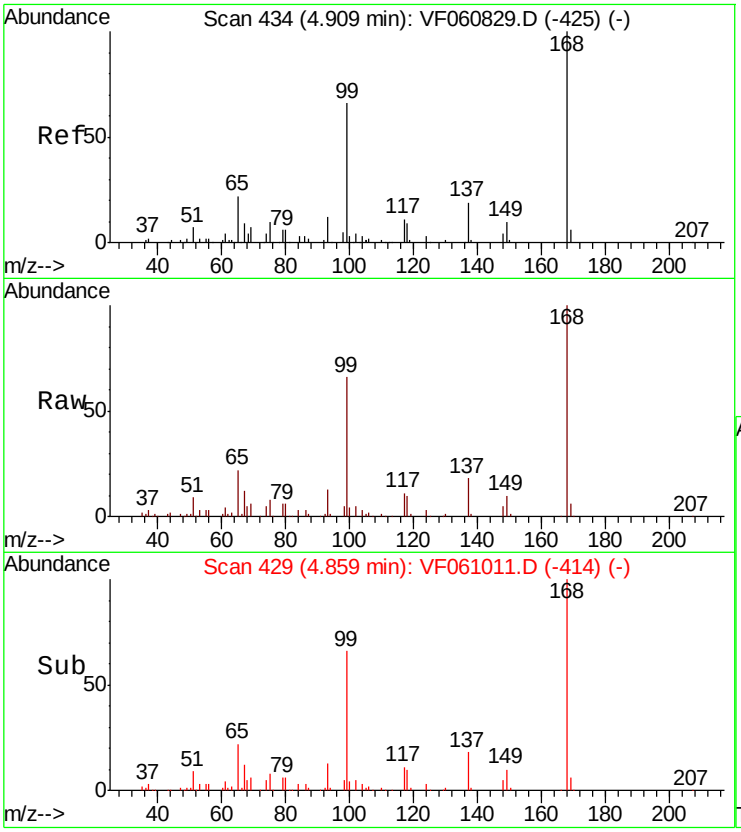
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
Data File : VF061011.D
Acq On : 12 Dec 2018 22:35
Operator : VA/AP
Sample : J6316-15RE
Misc : 5.15g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Quant Time: Dec 13 01:28:12 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



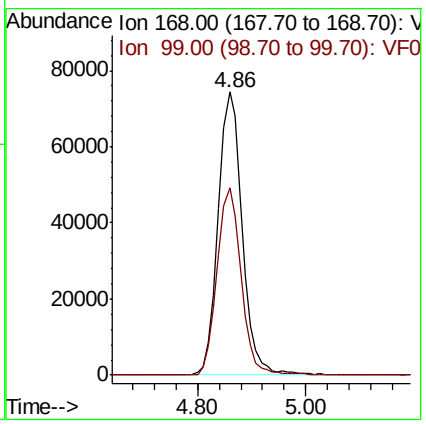


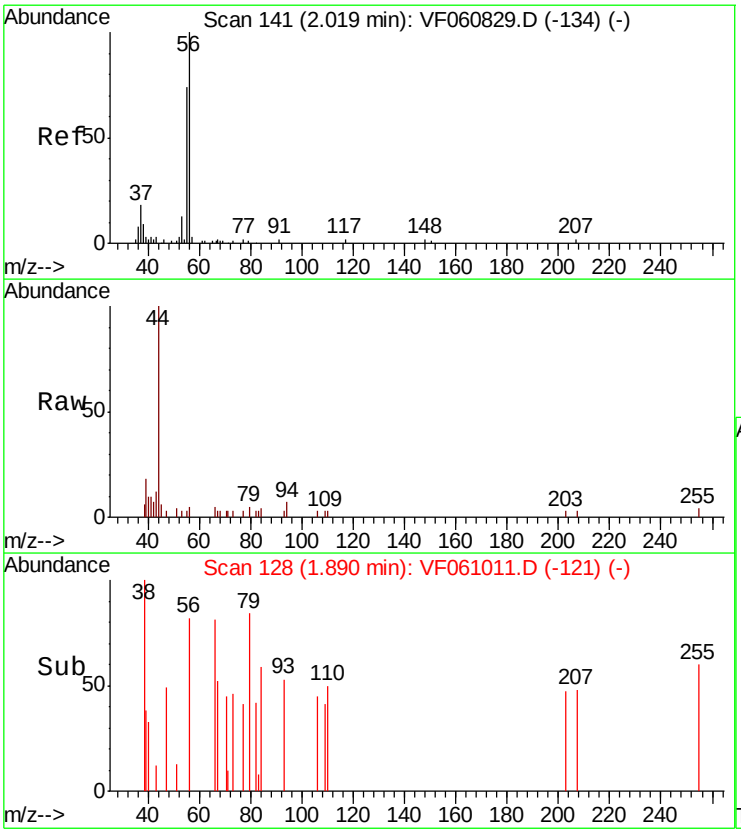
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion:168 Resp: 229887

Ion	Ratio	Lower	Upper
168	100		
99	66.2	52.6	79.0

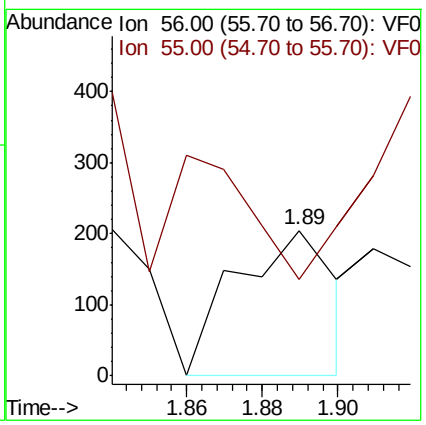


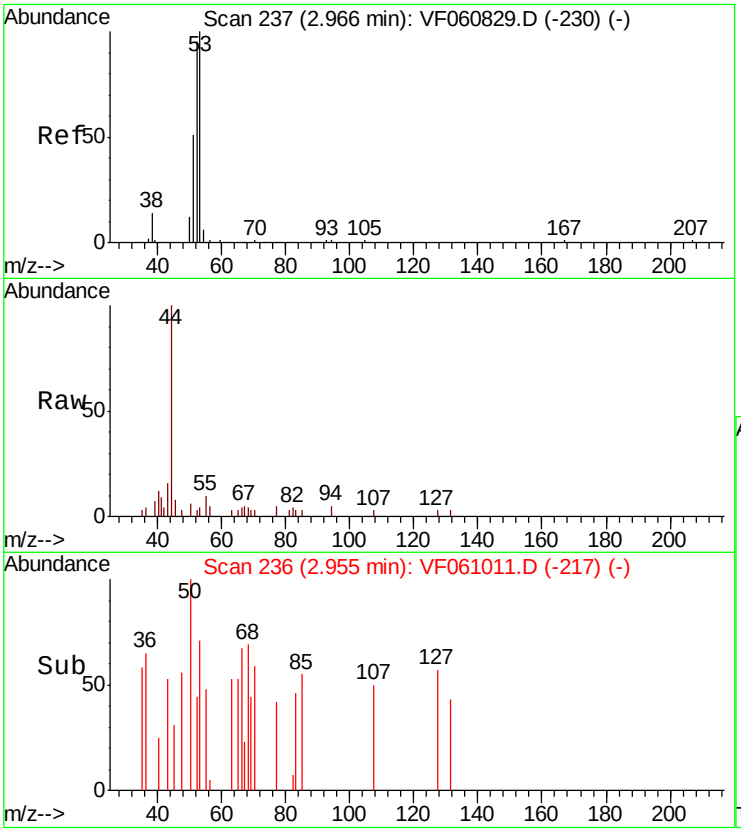


#13
Acrolein
Concen: 3.537 ug/l
RT: 1.89 min Scan# 128
Delta R.T. -0.13 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion: 56 Resp: 372

Ion	Ratio	Lower	Upper
56	100		
55	65.9	61.2	91.8



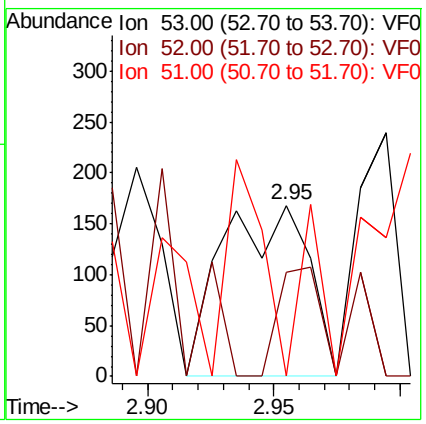


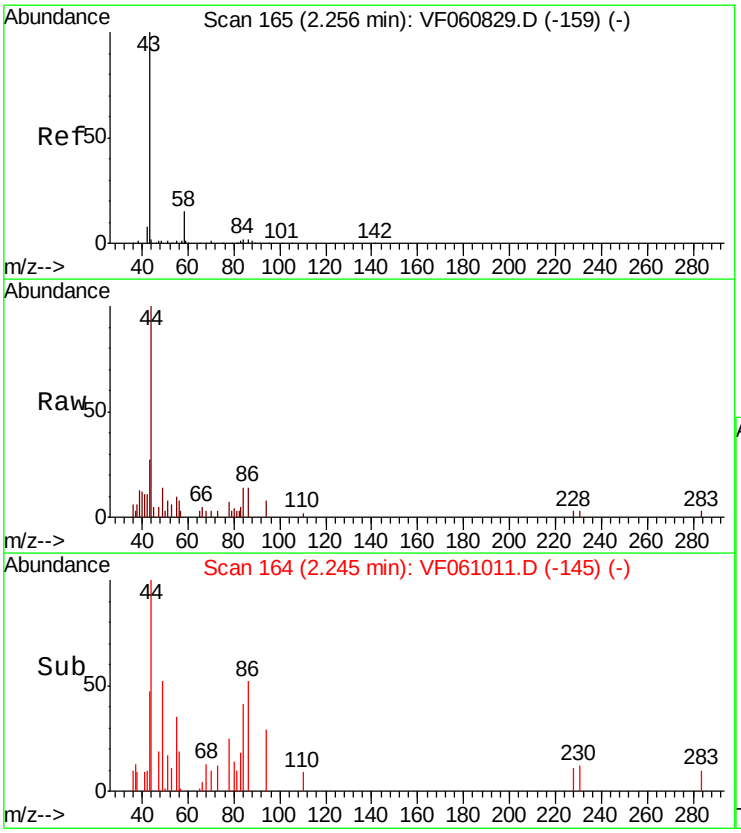
#15
Acrylonitrile
Concen: 1.611 ug/l
RT: 2.95 min Scan# 236
Delta R.T. -0.01 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion: 53 Resp: 401

Ion	Ratio	Lower	Upper
53	100		
52	61.3	76.5	114.7#
51	0.0	40.7	61.1#

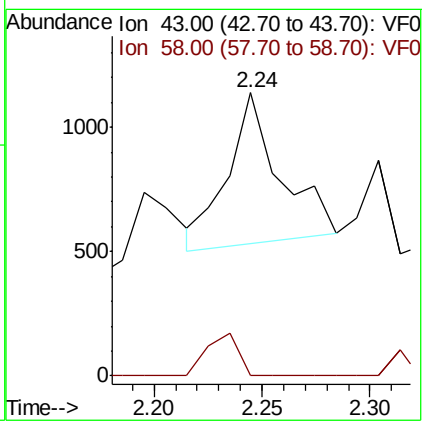


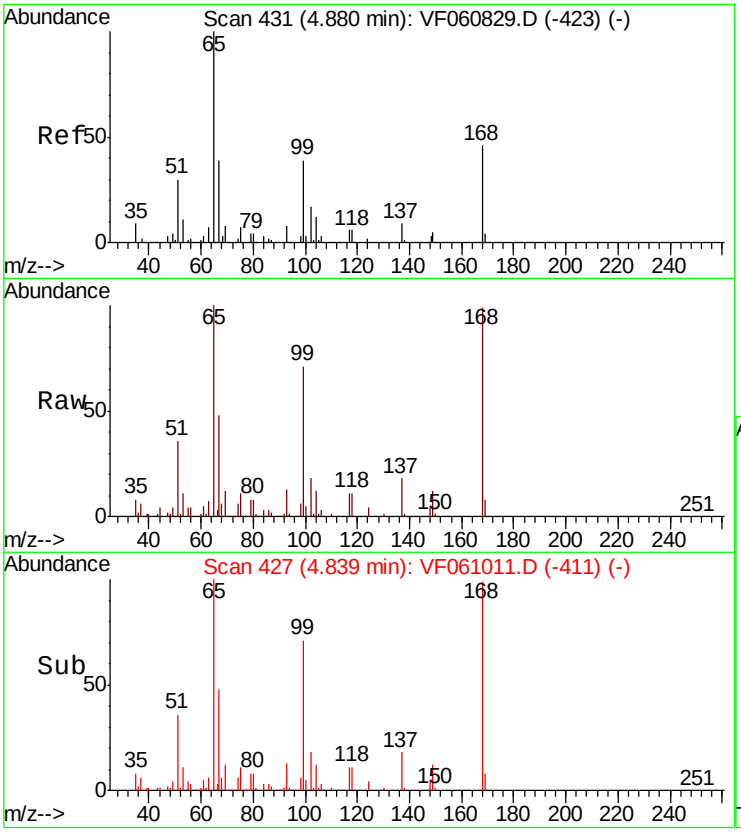


#16
Acetone
Concen: 2.046 ug/l
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion: 43 Resp: 1022

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#



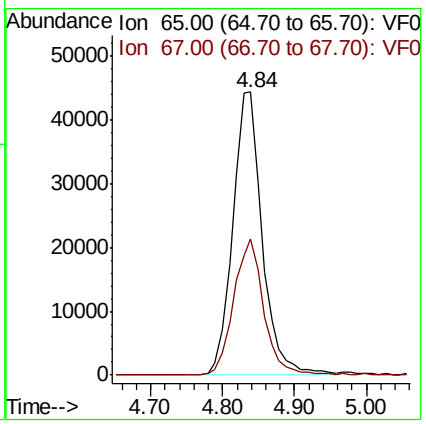


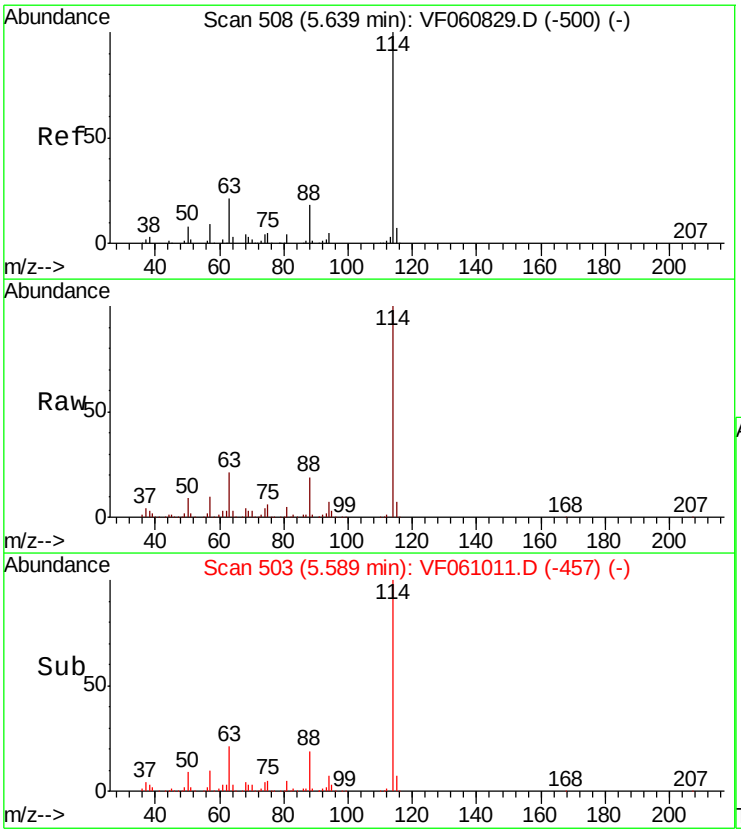
#33
1,2-Dichloroethane-d4
Concen: 46.643 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion: 65 Resp: 126317

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	96.4

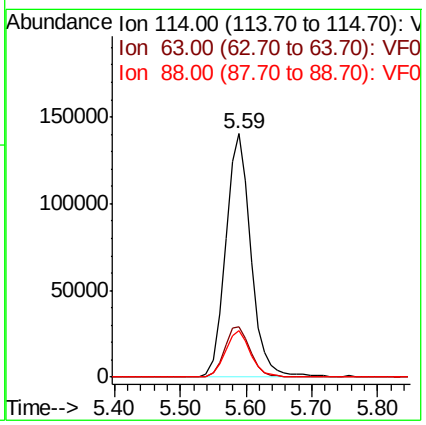


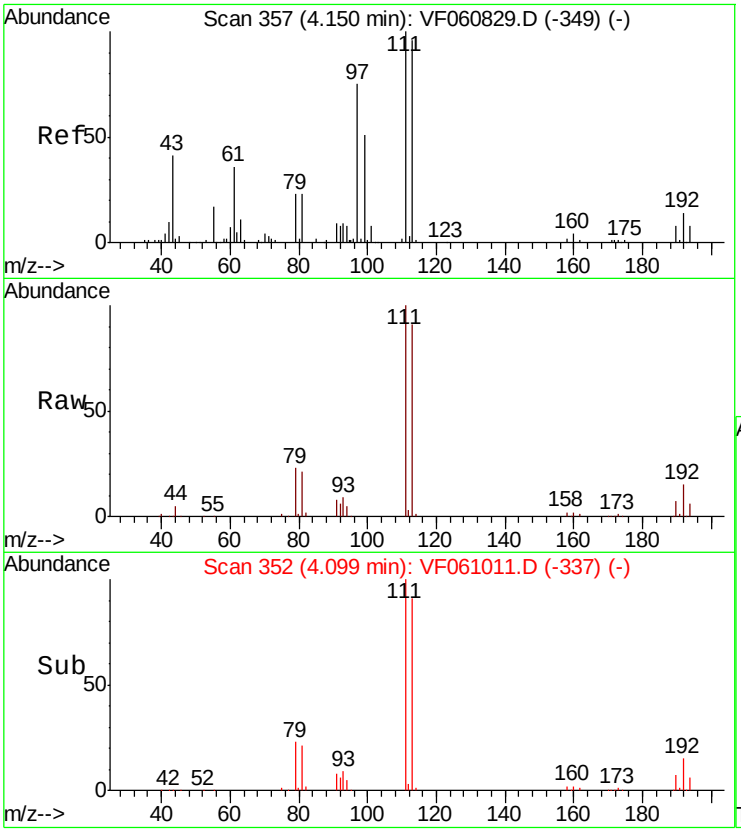


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion:114 Resp: 376393

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.6
88	19.1	0.0	36.6



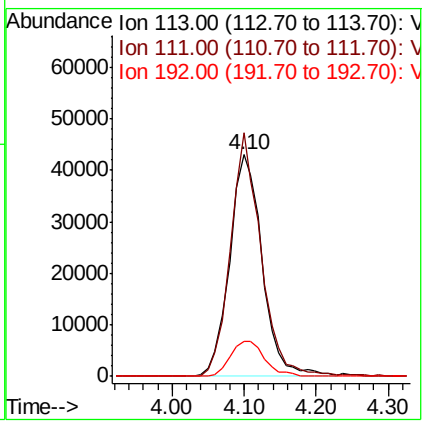


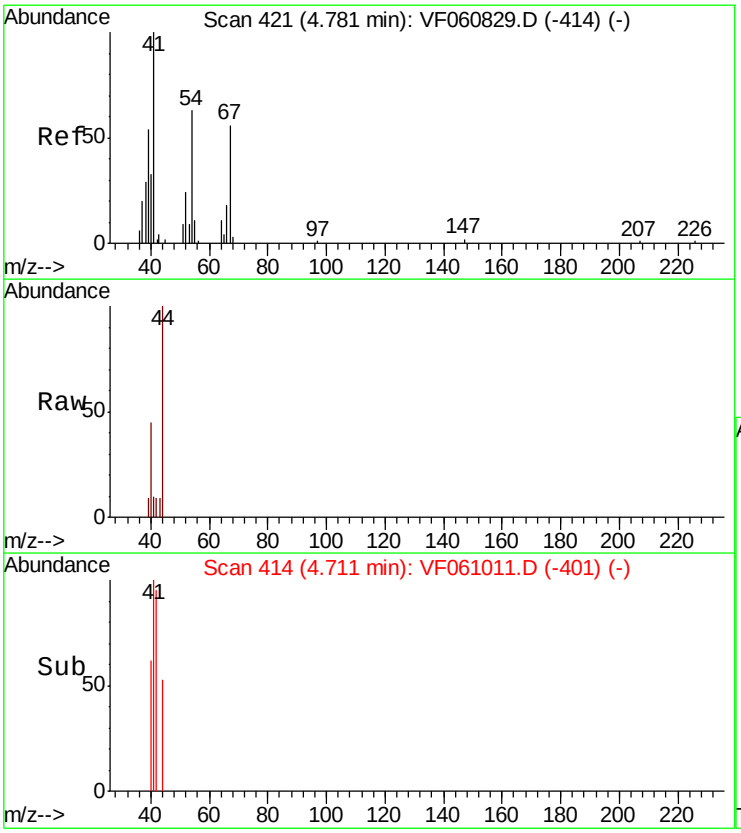
#35
Dibromofluoromethane
Concen: 45.608 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion:113 Resp: 136187

Ion	Ratio	Lower	Upper
113	100		
111	109.8	83.0	124.6
192	15.9	12.3	18.5

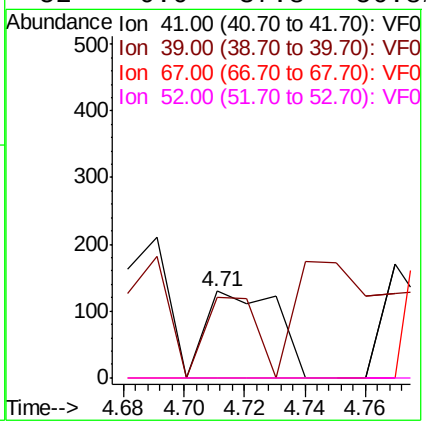


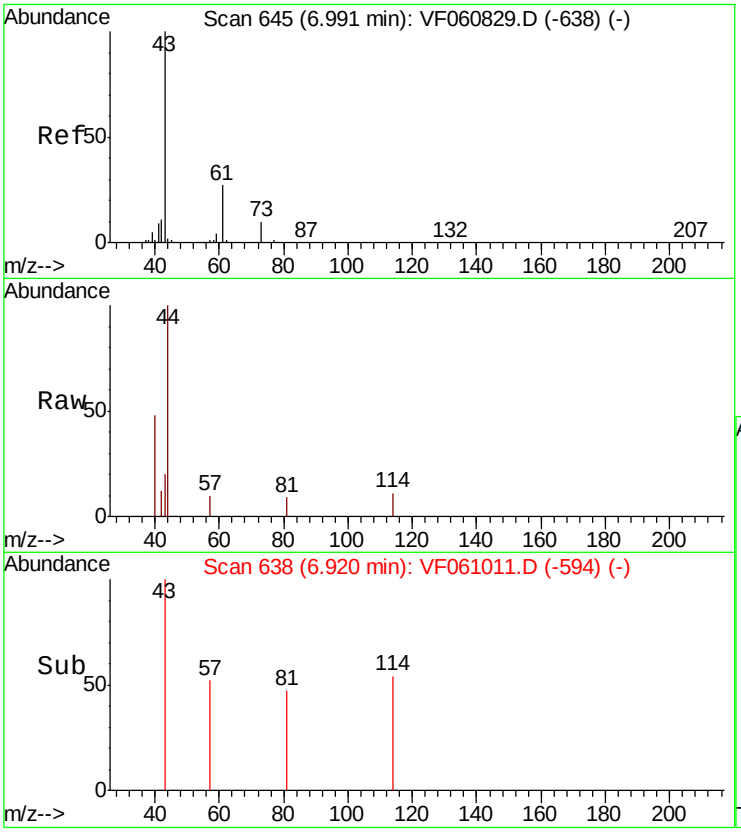


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.71 min Scan# 414
Delta R.T. -0.07 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion: 41 Resp: 215

Ion	Ratio	Lower	Upper
41	100		
39	92.3	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



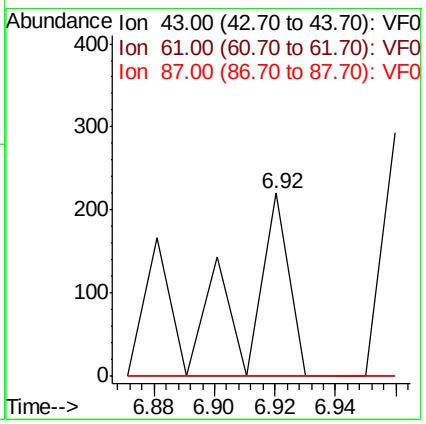


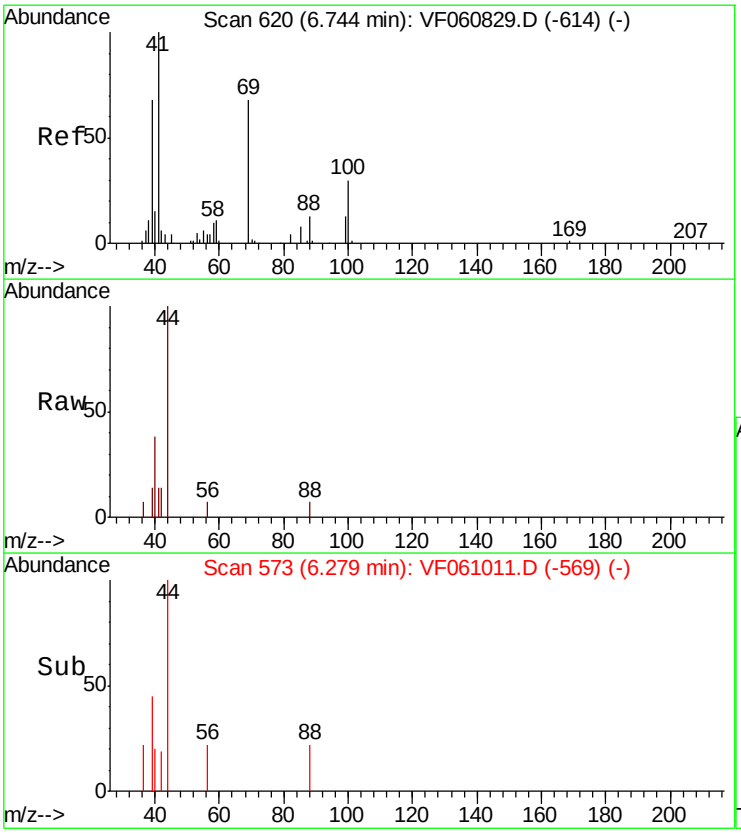
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.92 min Scan# 638
Delta R.T. -0.07 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion: 43 Resp: 215

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

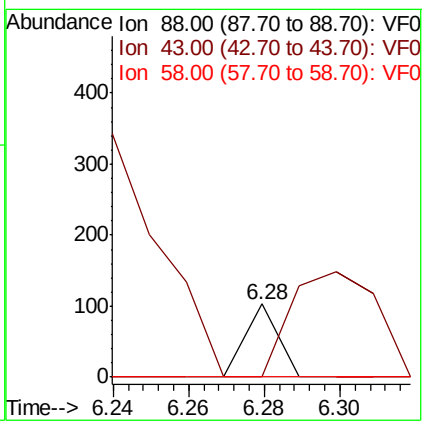


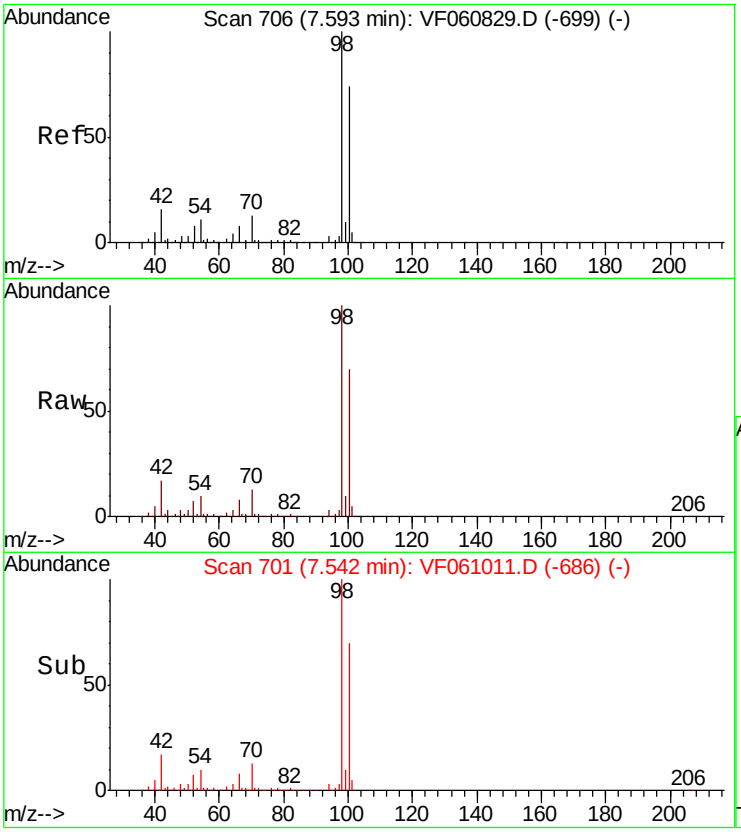


#49
1,4-Dioxane
Concen: 5.428 ug/l
RT: 6.28 min Scan# 573
Delta R.T. -0.46 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion: 88 Resp: 61

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



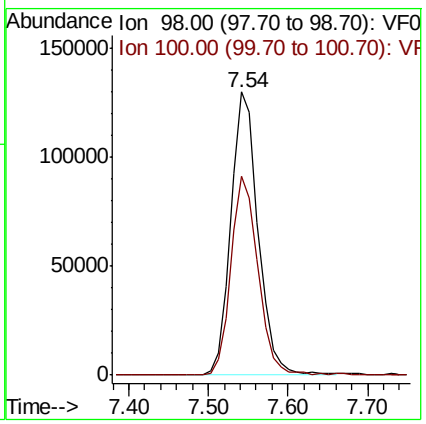


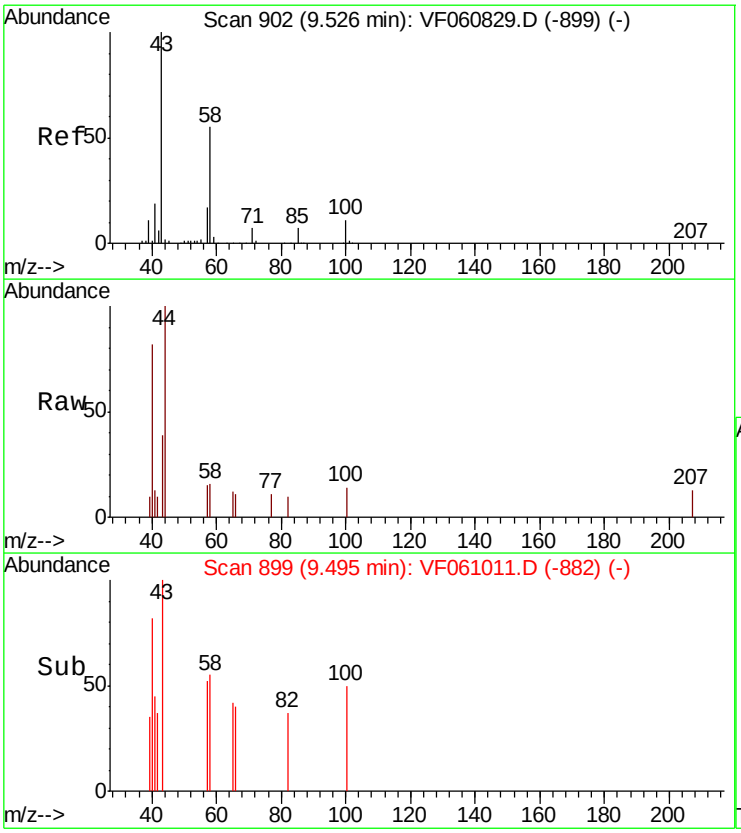
#50
Toluene-d8
Concen: 35.406 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion: 98 Resp: 311427

Ion	Ratio	Lower	Upper
98	100		
100	70.5	59.3	88.9

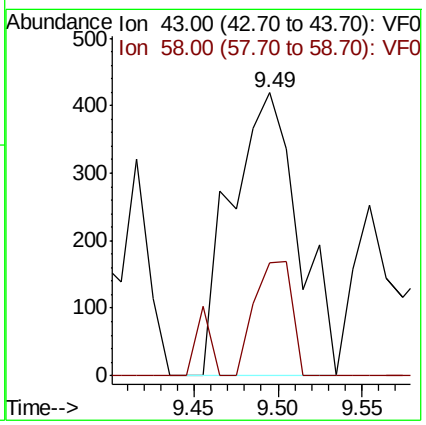


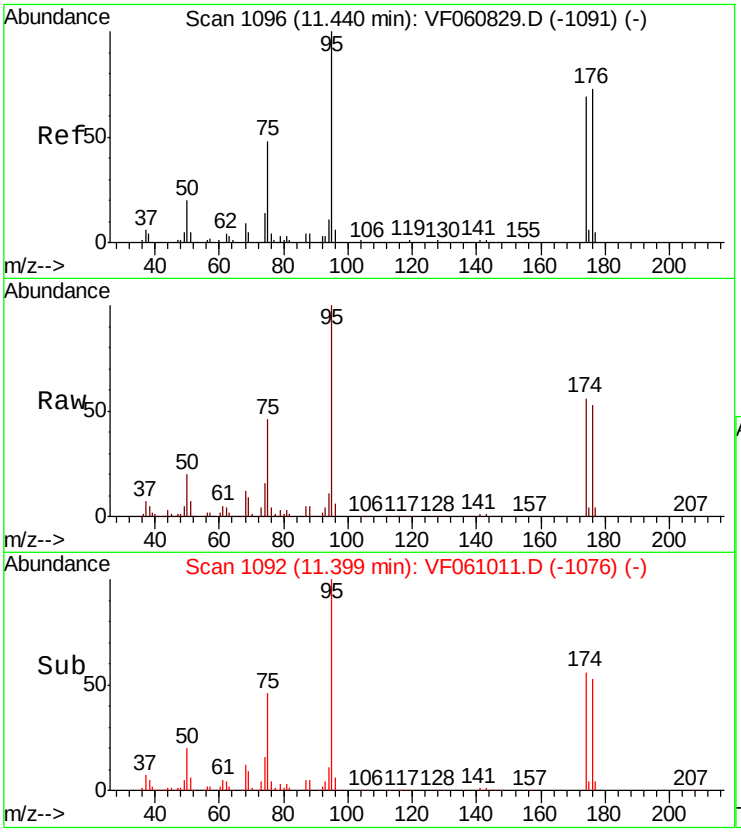


#59
2-Hexanone
Concen: 1.061 ug/l
RT: 9.49 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion: 43 Resp: 1164

Ion	Ratio	Lower	Upper
43	100		
58	39.9	25.6	76.6



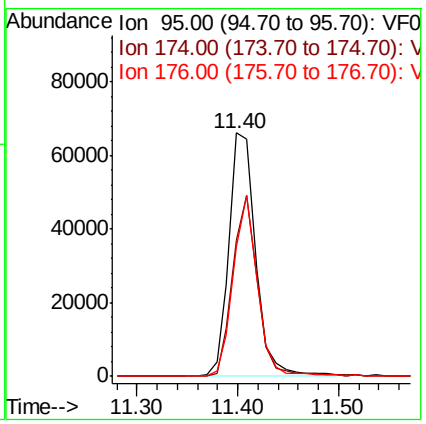


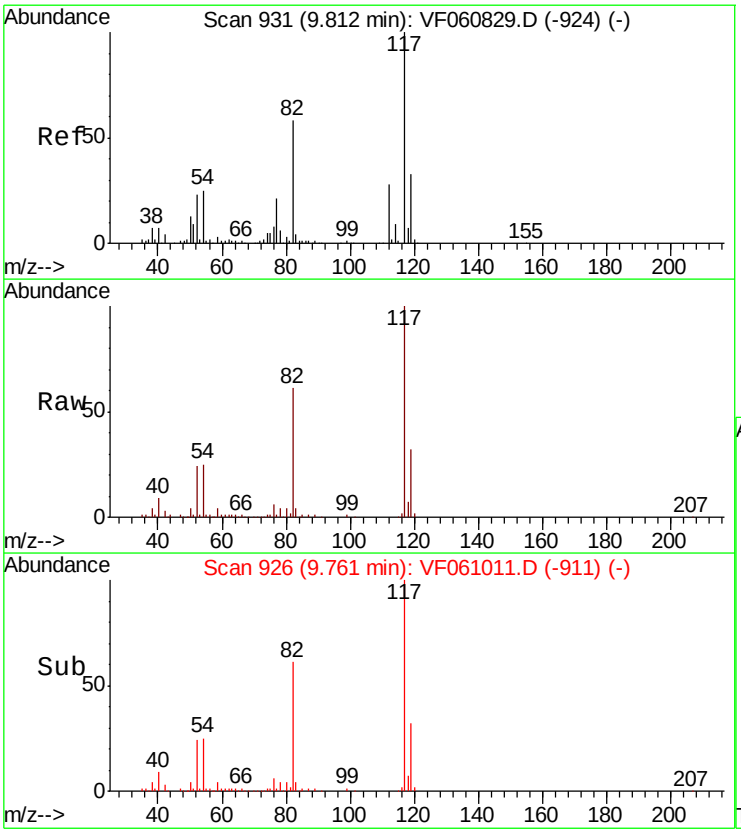
#62
4-Bromofluorobenzene
Concen: 30.513 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tgt Ion: 95 Resp: 121981

Ion	Ratio	Lower	Upper
95	100		
174	55.7	0.0	138.2
176	53.0	0.0	146.2

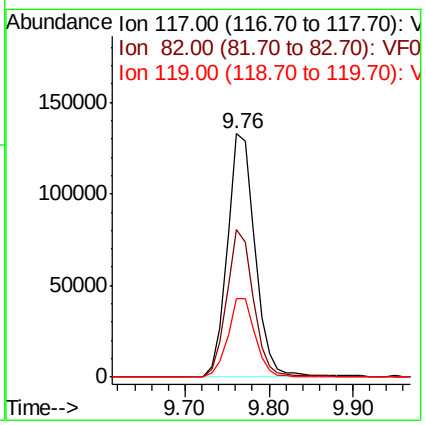


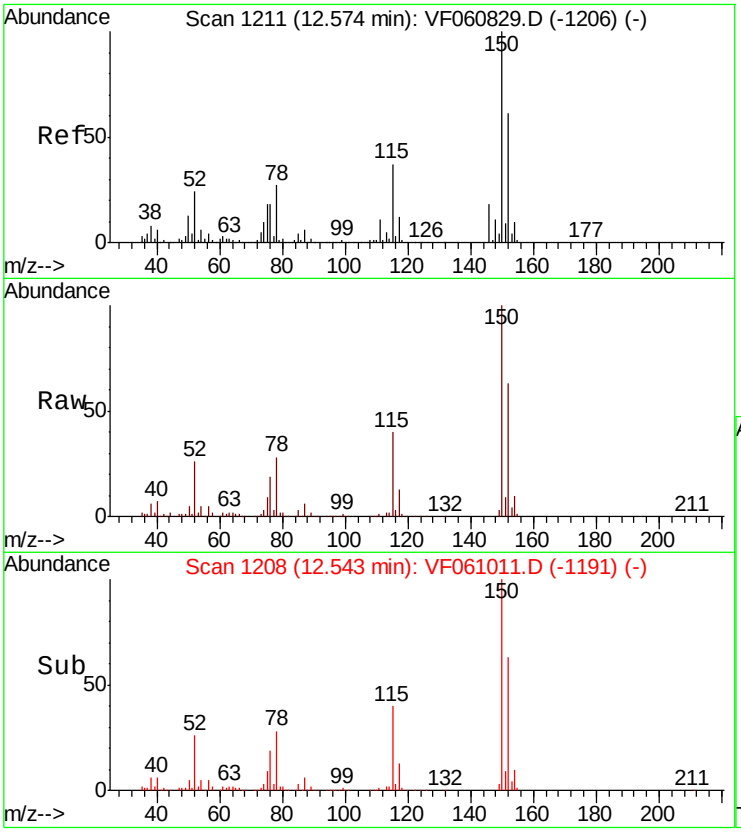


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion:117 Resp: 304740

Ion	Ratio	Lower	Upper
117	100		
82	60.6	46.6	69.8
119	32.0	26.4	39.6



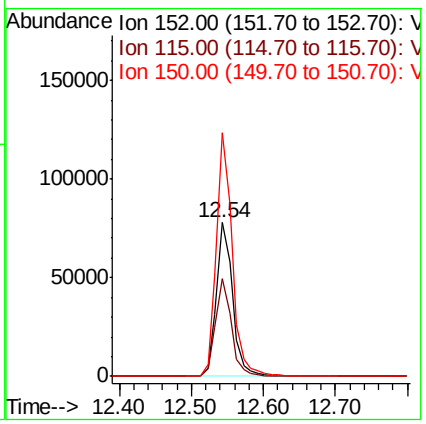


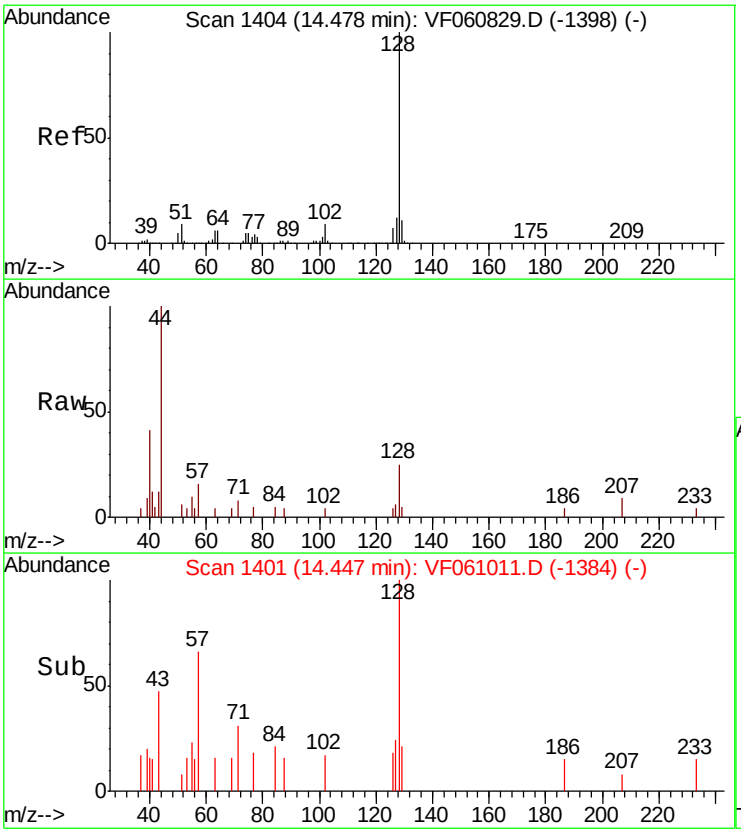
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-2

Tgt Ion:152 Resp: 119782

Ion	Ratio	Lower	Upper
152	100		
115	63.8	30.1	90.5
150	158.2	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.45 min Scan# 1401
Delta R.T. -0.03 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion:128 Resp: 1044

Ion	Ratio	Lower	Upper
128	100		
127	24.5	9.9	14.9#
129	20.8	9.1	13.7#