Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121218\
Data File : VF060997.D
Acq On : 12 Dec 2018 15:46
Operator : VA/AP
Sample : VF1212SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Quant Time: Dec 13 01:22:38 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	186648	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	312206	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	294373	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	168659	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	127094	57.80	ug/l	-0.05
Spiked Amount 50.000			Recovery = 115.60%			
35) Dibromofluoromethane	4.10	113	136411	55.08	ug/l	-0.05
Spiked Amount 50.000			Recovery = 110.16%			
50) Toluene-d8	7.54	98	359511	49.28	ug/l	-0.05
Spiked Amount 50.000			Recovery = 98.56%			
62) 4-Bromofluorobenzene	11.41	95	176232	53.15	ug/l	-0.03
Spiked Amount 50.000			Recovery = 106.30%			
Target Compounds						Qvalue
13) Acrolein	1.96	56	268	3.138	ug/l	85
15) Acrylonitrile	2.94	53	1052	5.206	ug/l #	62
16) Acetone	2.15	43	1132	2.792	ug/l	94
18) Methyl Acetate	2.37	43	1932	1.230	ug/l #	61
25) 2-Butanone	4.33	43	1083	1.544	ug/l #	78
29) Tetrahydrofuran	4.08	42	599	2.015	ug/l #	37
41) Methacrylonitrile	4.71	41	595	Below Cal	#	43
43) Isopropyl Acetate	6.90	43	217	Below Cal	#	49
49) 1,4-Dioxane	6.91	88	65	6.972	ug/l #	22
51) 4-Methyl-2-Pentanone	8.26	43	3850	2.967	ug/l	96
59) 2-Hexanone	9.50	43	5317	5.840	ug/l	89
74) N-amyl acetate	11.37	43	4644	1.509	ug/l #	92
95) Naphthalene	14.46	128	10240	Below Cal		98

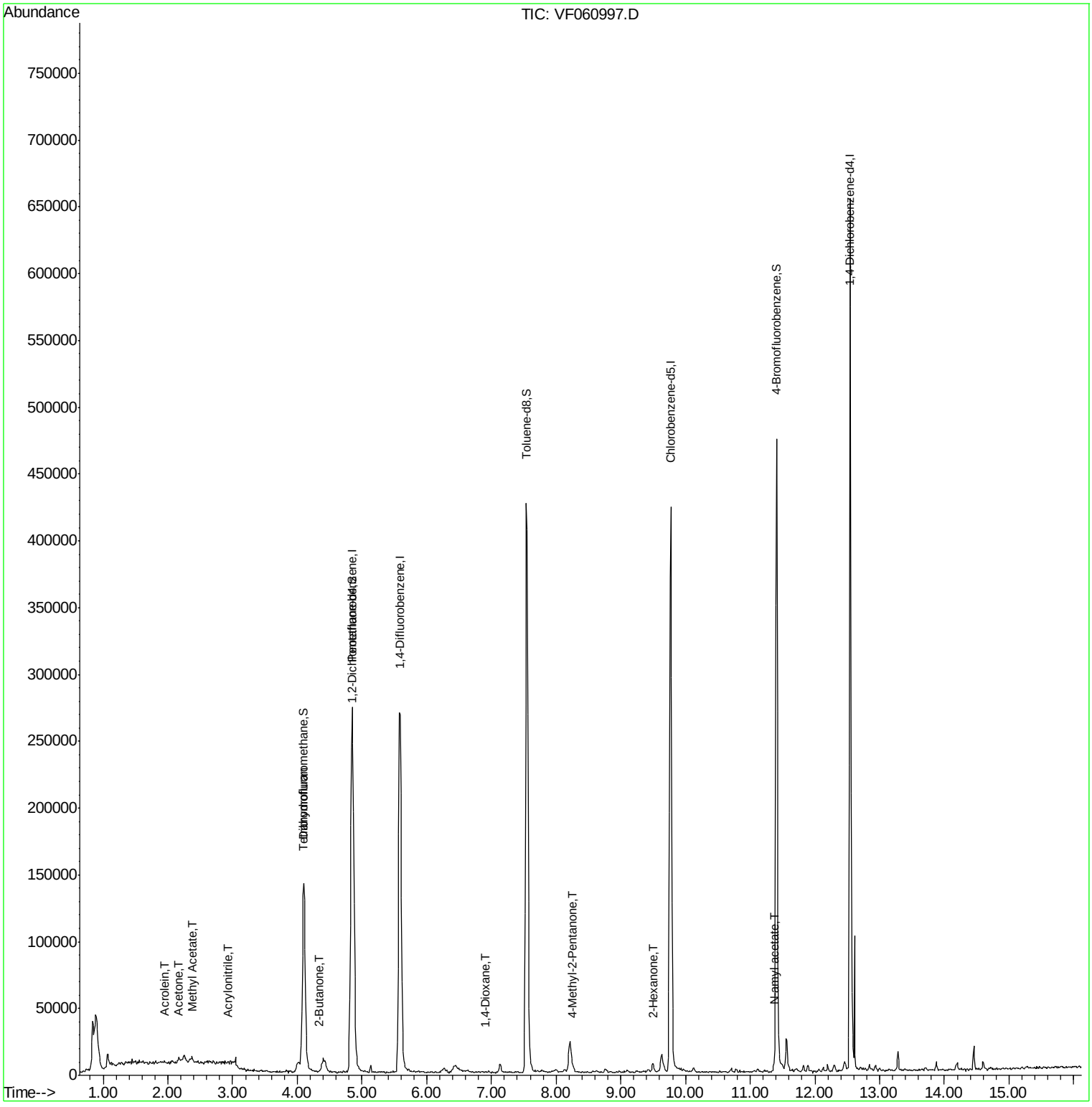
(#) = qualifier out of range (m) = manual integration (+) = signals summed

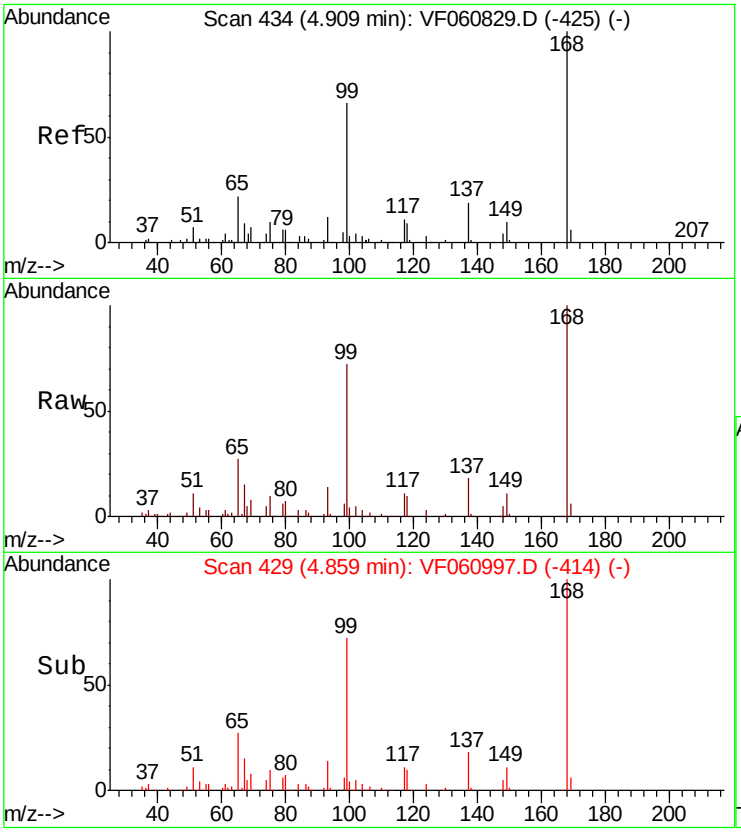
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
Data File : VF060997.D
Acq On : 12 Dec 2018 15:46
Operator : VA/AP
Sample : VF1212SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1212SBL01

Quant Time: Dec 13 01:22:38 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



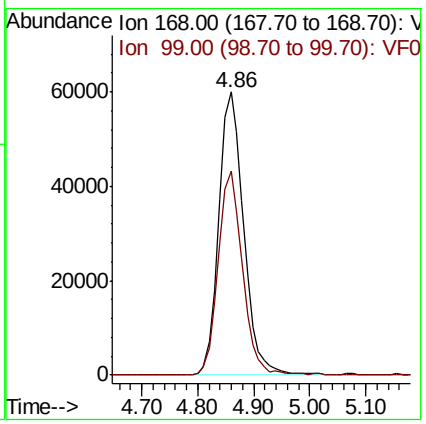


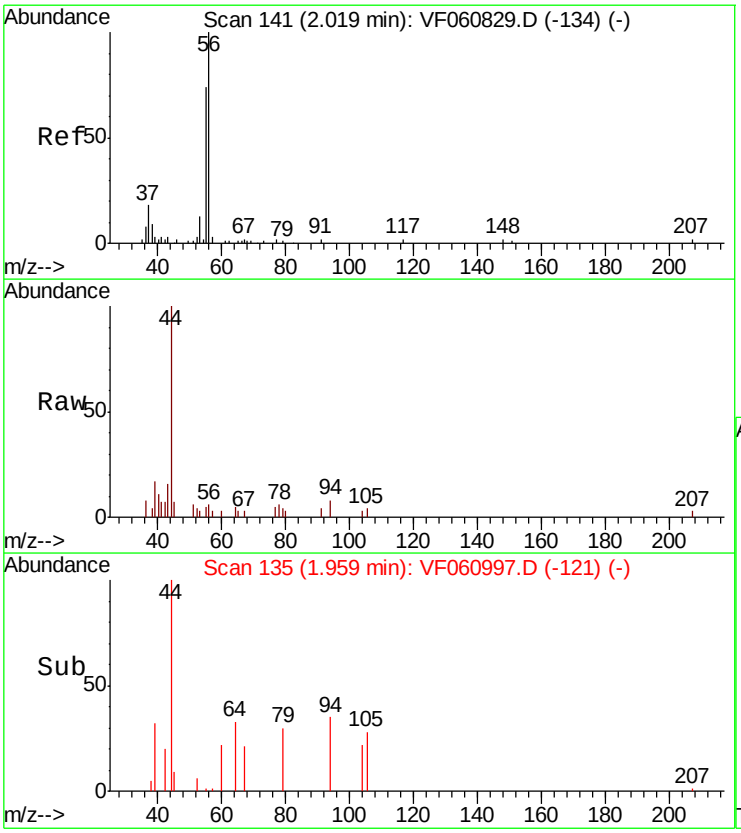
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.05 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Tgt Ion:168 Resp: 186648

Ion	Ratio	Lower	Upper
168	100		
99	72.0	52.6	79.0

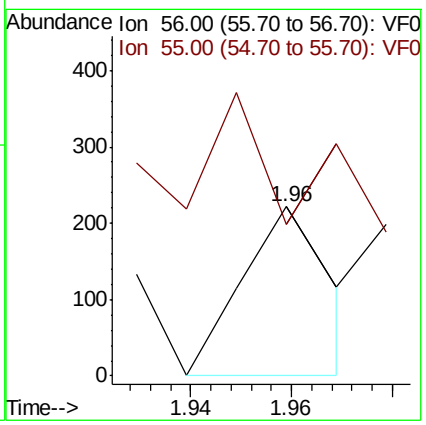


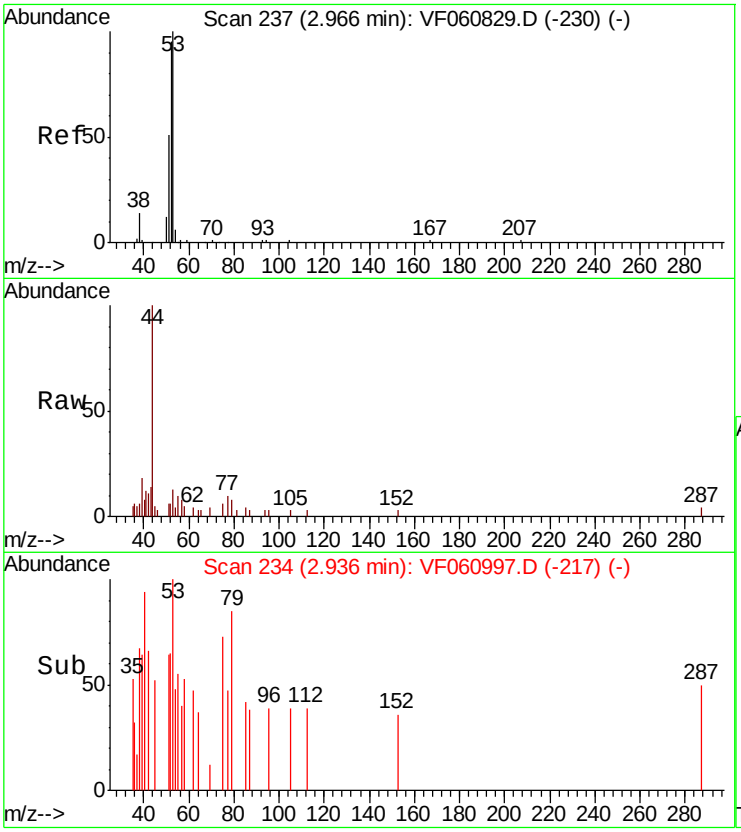


#13
Acrolein
Concen: 3.138 ug/l
RT: 1.96 min Scan# 135
Delta R.T. -0.06 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 56 Resp: 268

Ion	Ratio	Lower	Upper
56	100		
55	89.2	61.2	91.8



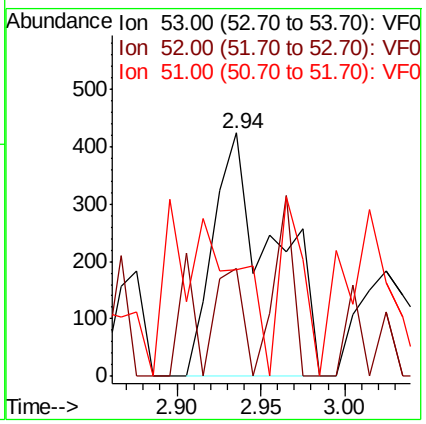


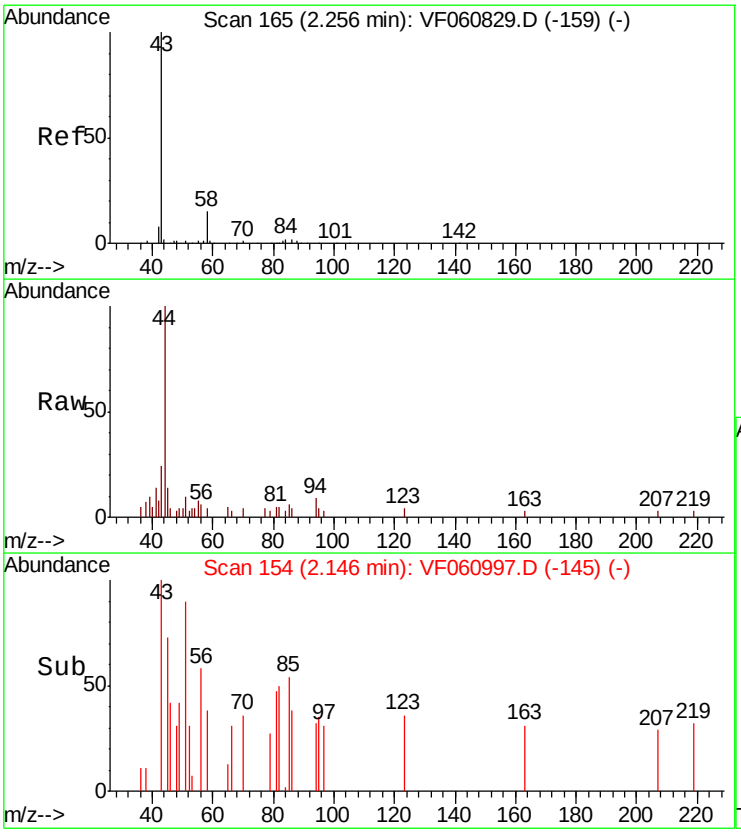
#15
Acrylonitrile
Concen: 5.206 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.03 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :
VF1212SBL01

Tgt Ion: 53 Resp: 1052

Ion	Ratio	Lower	Upper
53	100		
52	44.3	76.5	114.7#
51	43.9	40.7	61.1

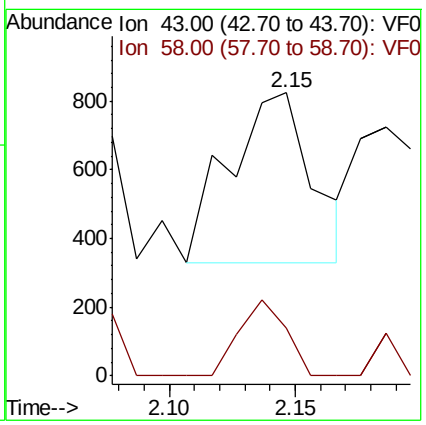


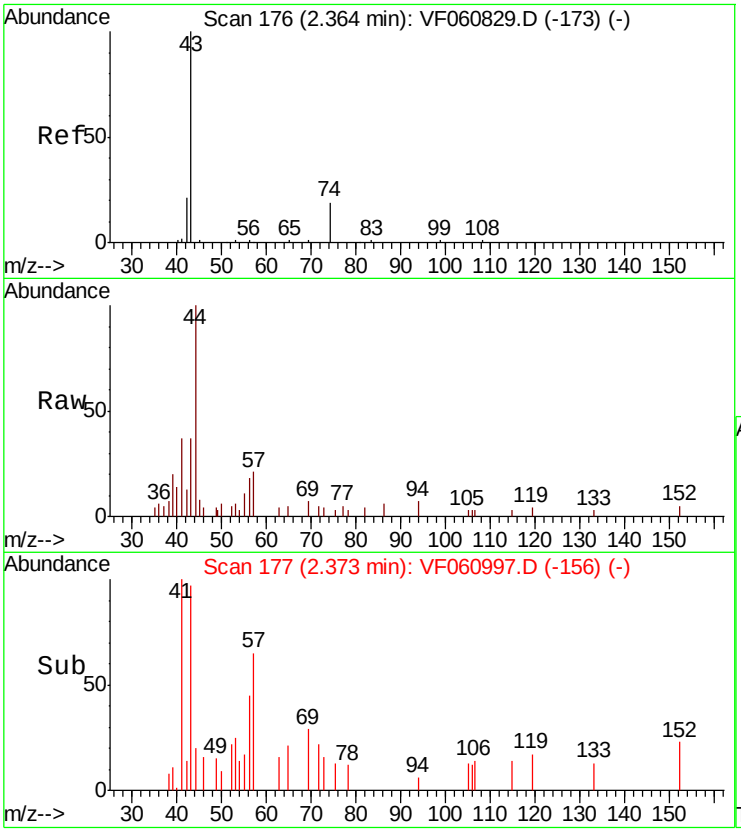


#16
Acetone
Concen: 2.792 ug/l
RT: 2.15 min Scan# 154
Delta R.T. -0.11 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 43 Resp: 1132

Ion	Ratio	Lower	Upper
43	100		
58	16.9	11.4	17.2



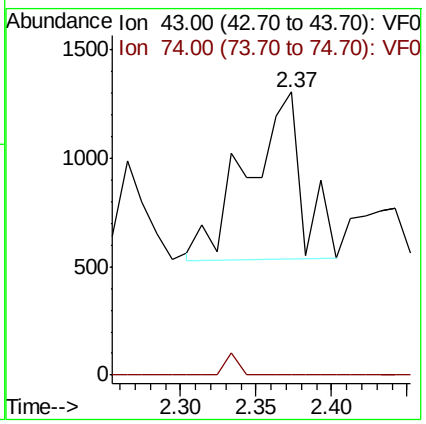


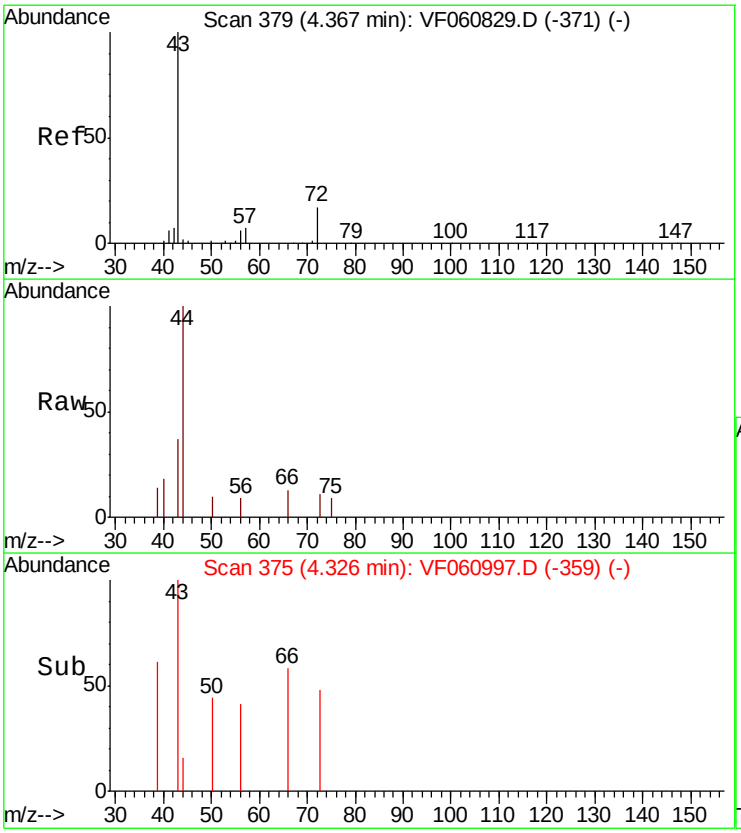
#18
Methyl Acetate
Concen: 1.230 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Tgt Ion: 43 Resp: 1932

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

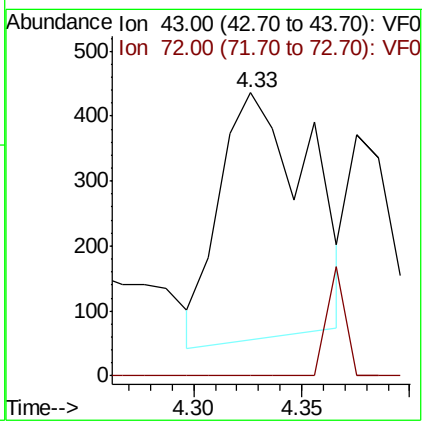


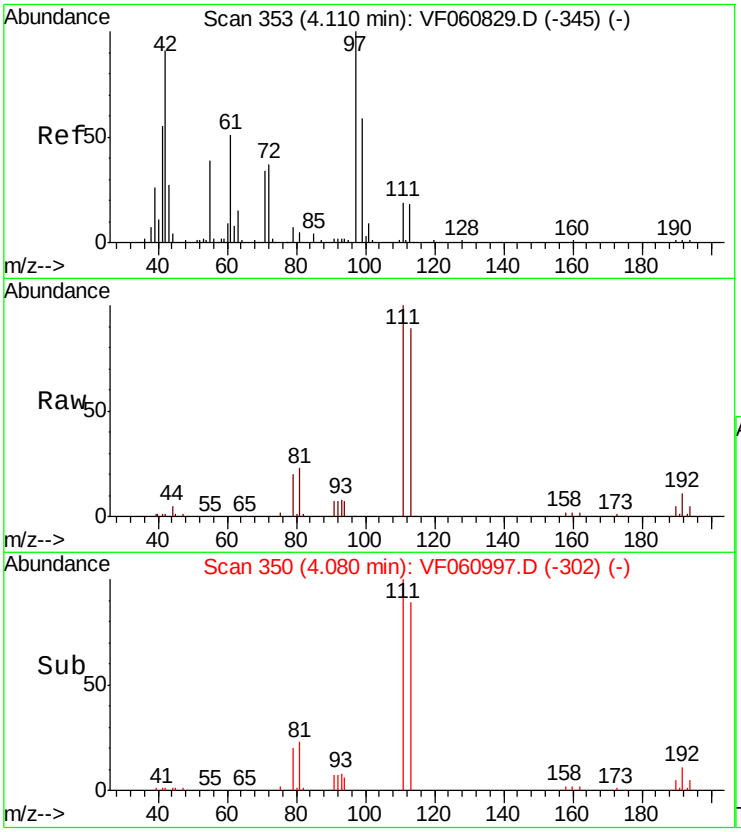


#25
2-Butanone
Concen: 1.544 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.04 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 43 Resp: 1083

Ion	Ratio	Lower	Upper
43	100		
72	29.1	15.4	23.2#



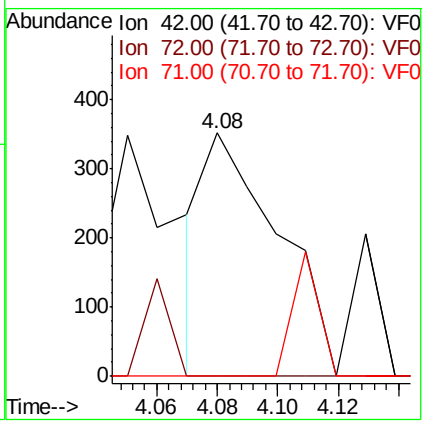


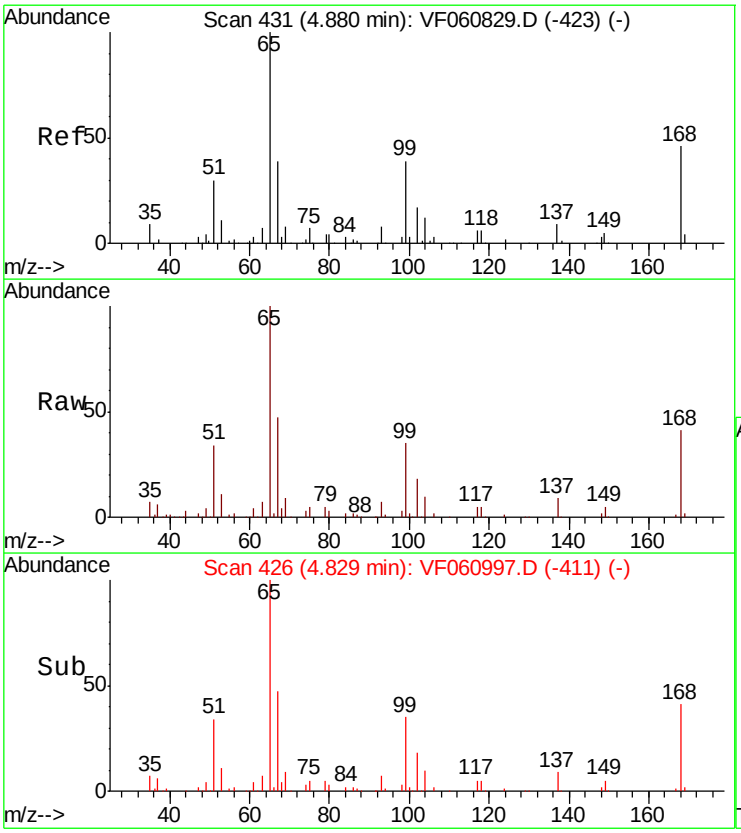
#29
Tetrahydrofuran
Concen: 2.015 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Tgt Ion: 42 Resp: 599

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

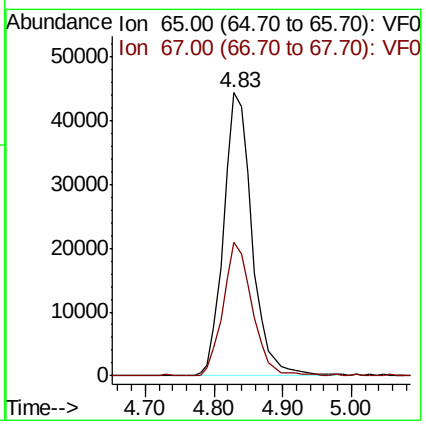


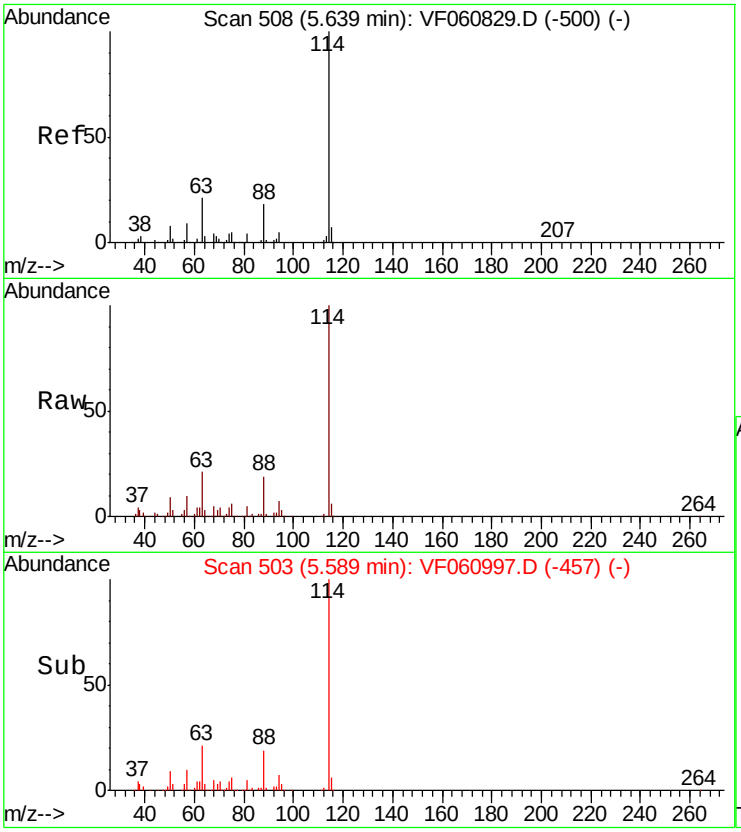


#33
1,2-Dichloroethane-d4
Concen: 57.802 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 65 Resp: 127094

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	96.4



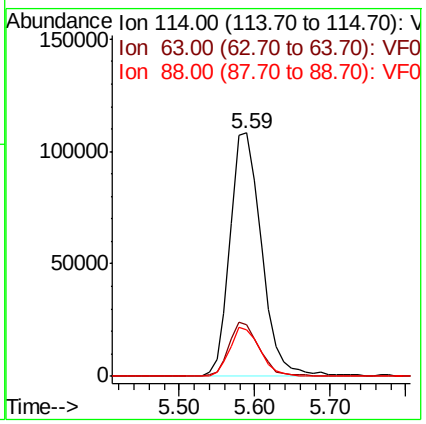


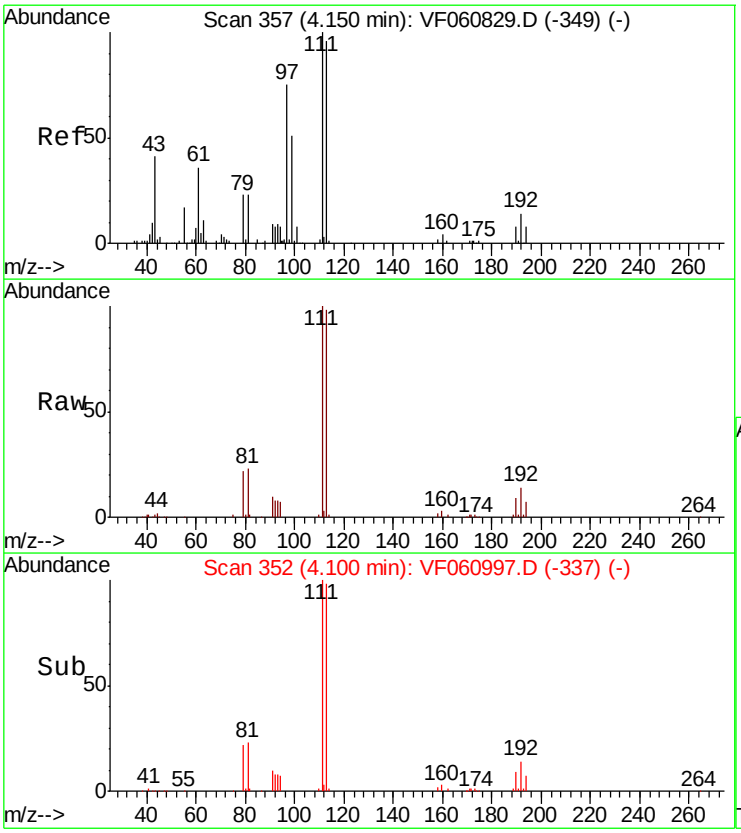
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :
VF1212SBL01

Tgt Ion:114 Resp: 312206

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.6
88	19.3	0.0	36.6

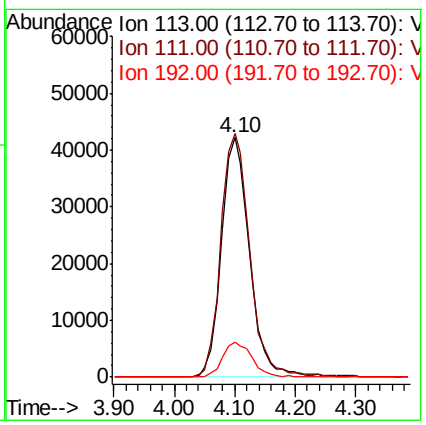


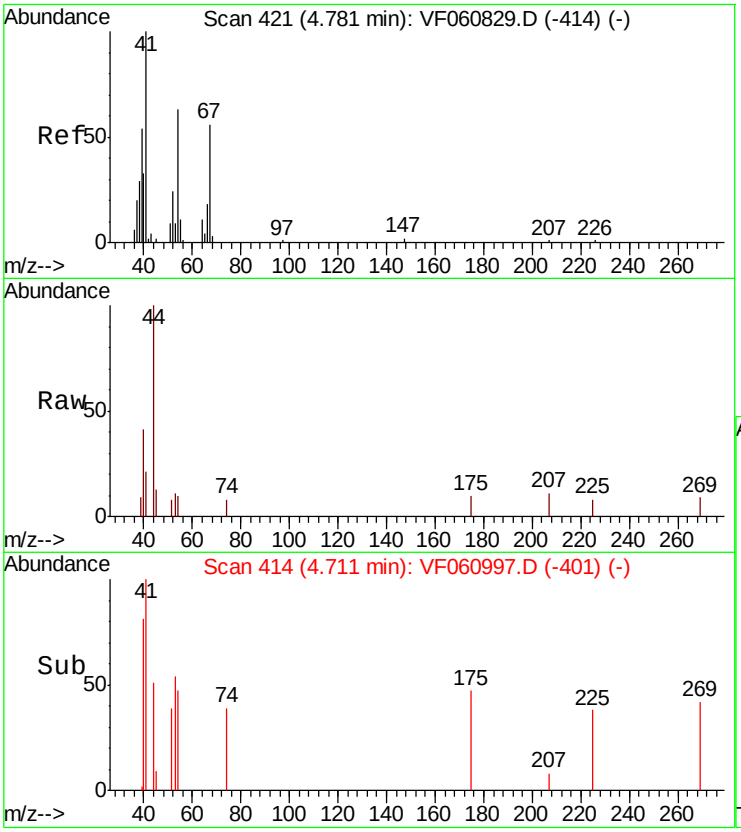


#35
Dibromofluoromethane
Concen: 55.075 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion:113 Resp: 136411

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.6
192	14.4	12.3	18.5



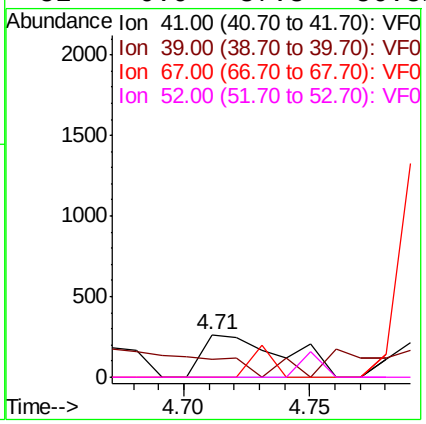


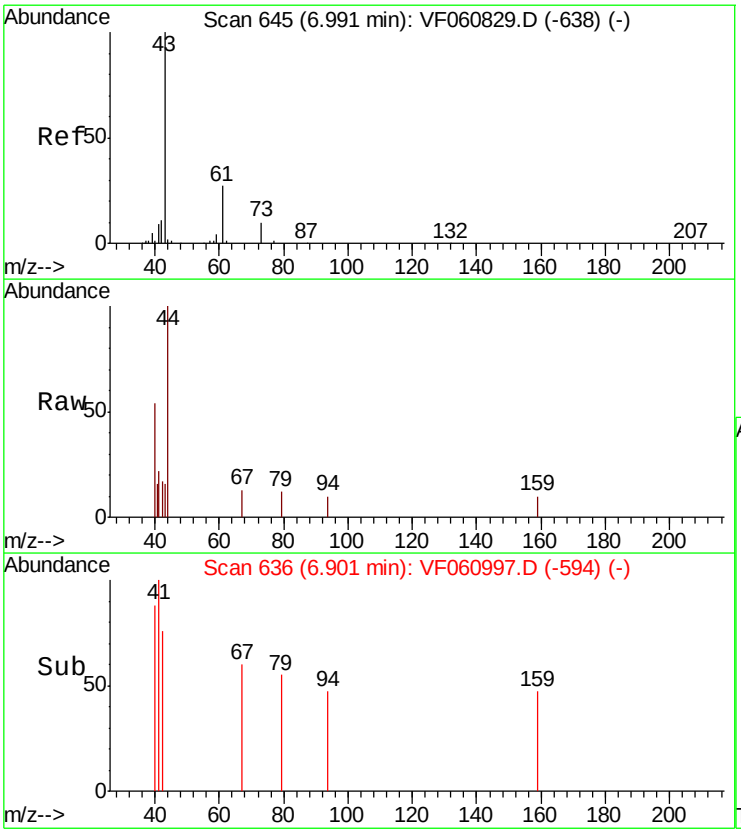
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.71 min Scan# 414
Delta R.T. -0.07 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Tgt Ion: 41 Resp: 595

Ion	Ratio	Lower	Upper
41	100		
39	41.3	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

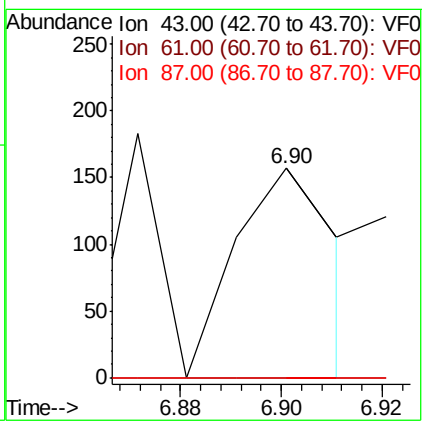


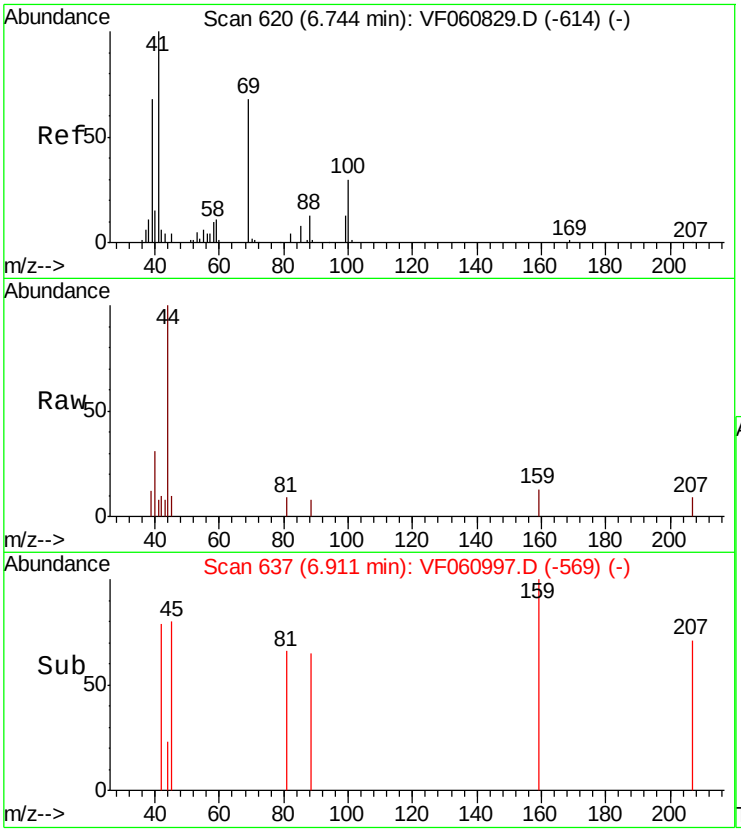


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.90 min Scan# 636
Delta R.T. -0.09 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 43 Resp: 217

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



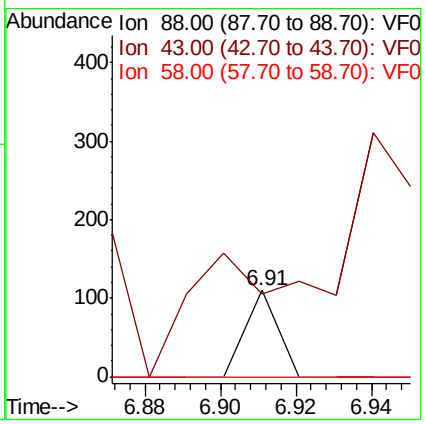


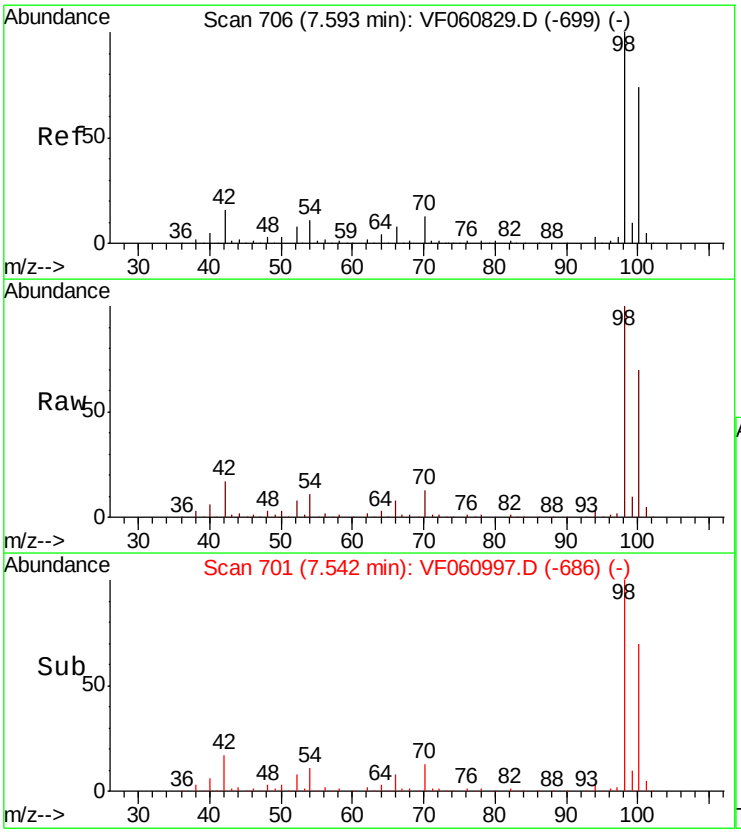
#49
1,4-Dioxane
Concen: 6.972 ug/l
RT: 6.91 min Scan# 637
Delta R.T. 0.17 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	95.5	42.0	63.0#
58	0.0	61.8	92.8#

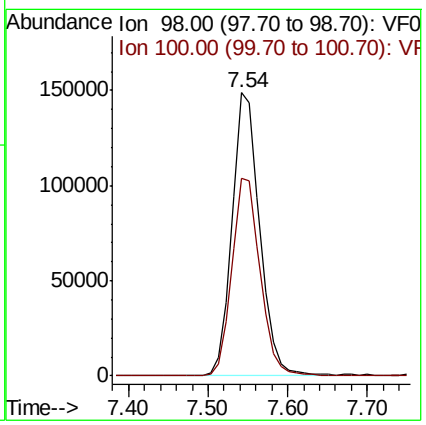


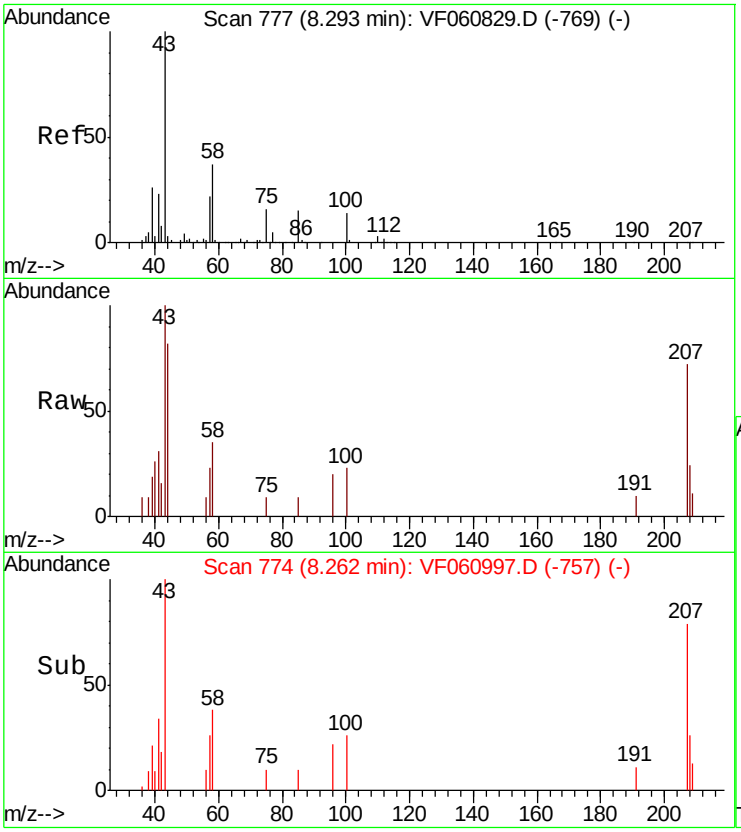


#50
Toluene-d8
Concen: 49.275 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 98 Resp: 359511

Ion	Ratio	Lower	Upper
98	100		
100	69.7	59.3	88.9



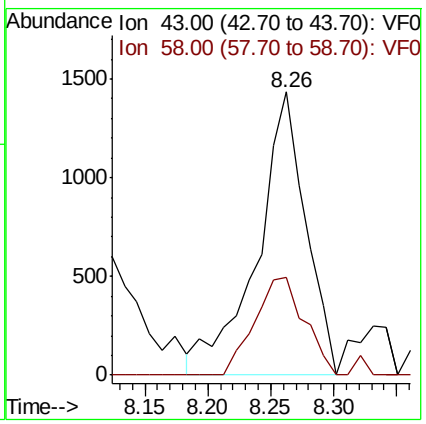


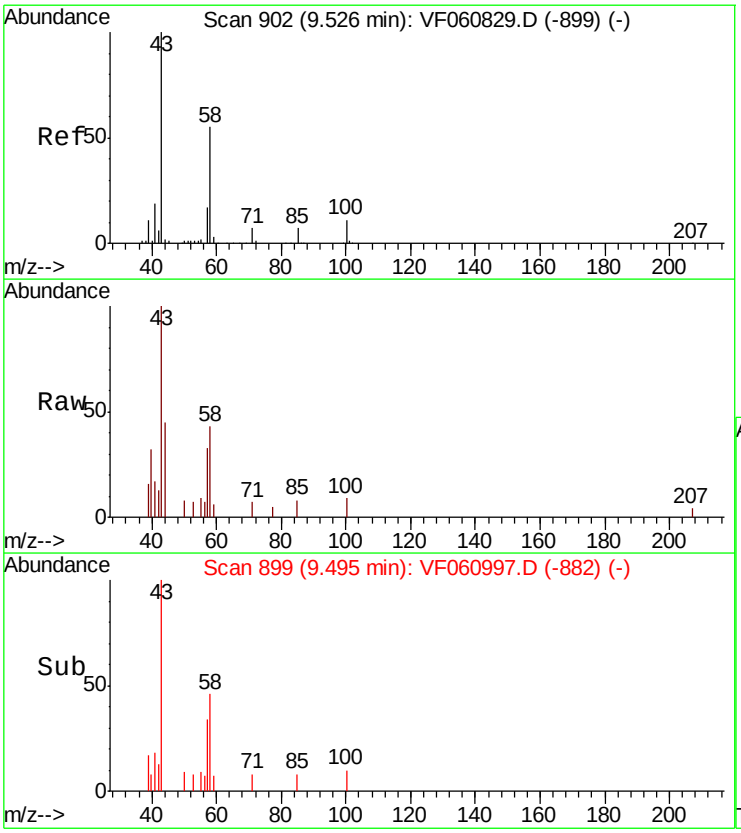
#51
4-Methyl-2-Pentanone
Concen: 2.967 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.03 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Tgt Ion: 43 Resp: 3850

Ion	Ratio	Lower	Upper
43	100		
58	34.6	29.7	44.5

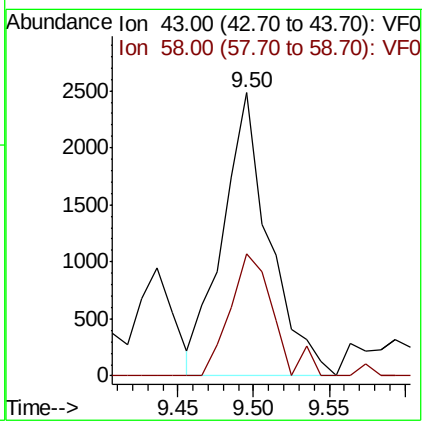


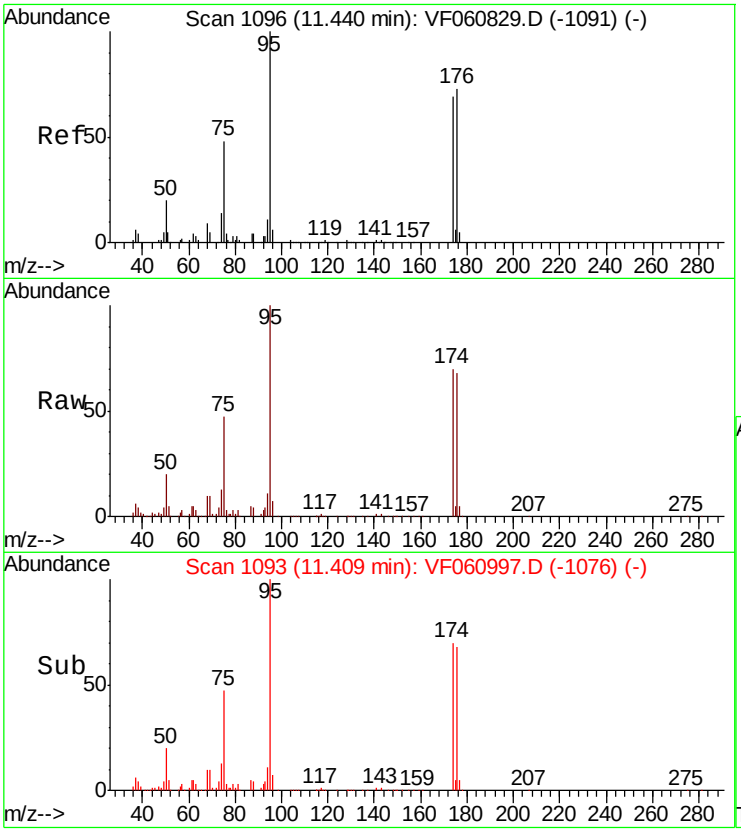


#59
2-Hexanone
Concen: 5.840 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 43 Resp: 5317

Ion	Ratio	Lower	Upper
43	100		
58	43.4	25.6	76.6



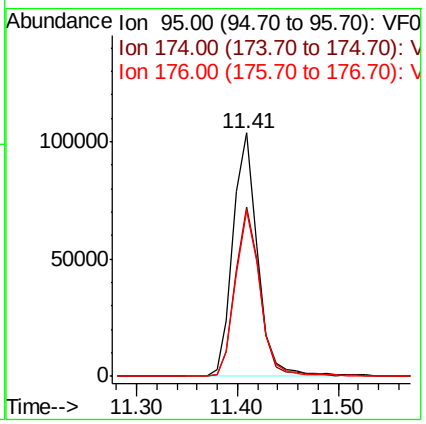


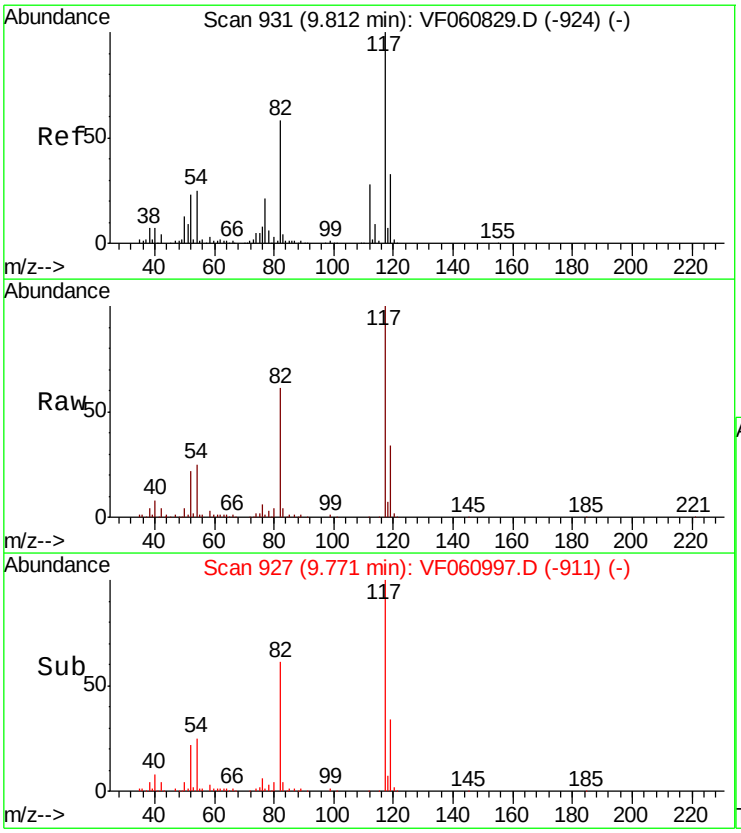
#62
4-Bromofluorobenzene
Concen: 53.148 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :
VF1212SBL01

Tgt Ion: 95 Resp: 176232

Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	138.2
176	68.1	0.0	146.2

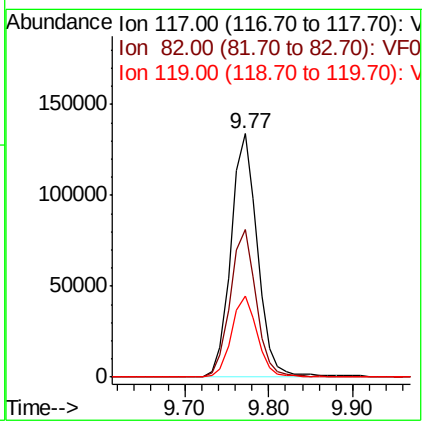


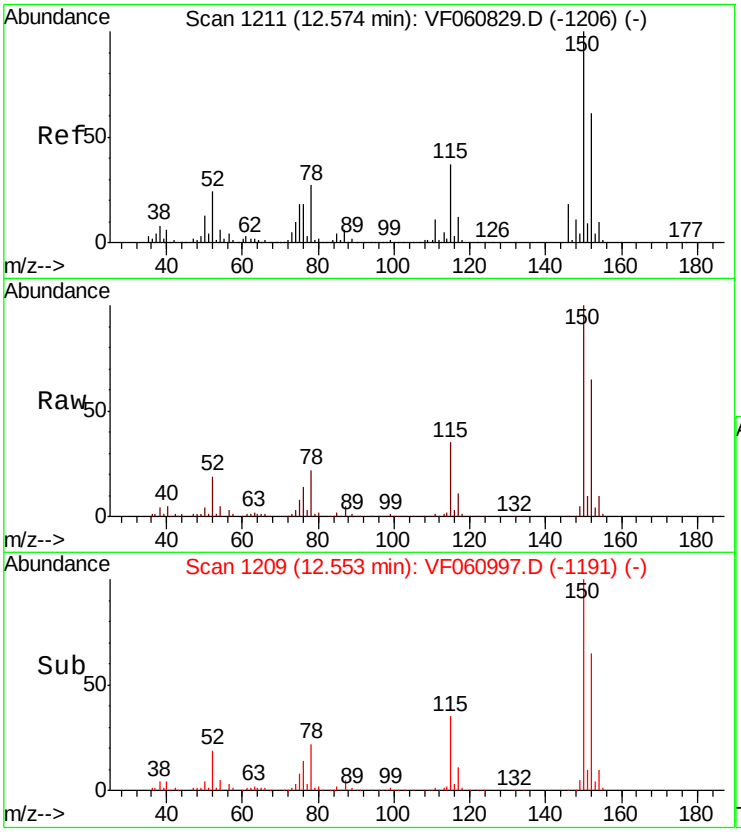


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion:117 Resp: 294373

Ion	Ratio	Lower	Upper
117	100		
82	60.8	46.6	69.8
119	33.5	26.4	39.6



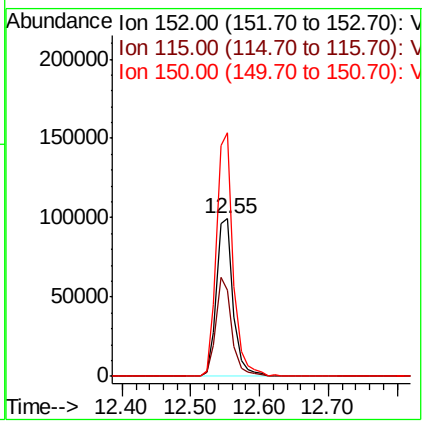


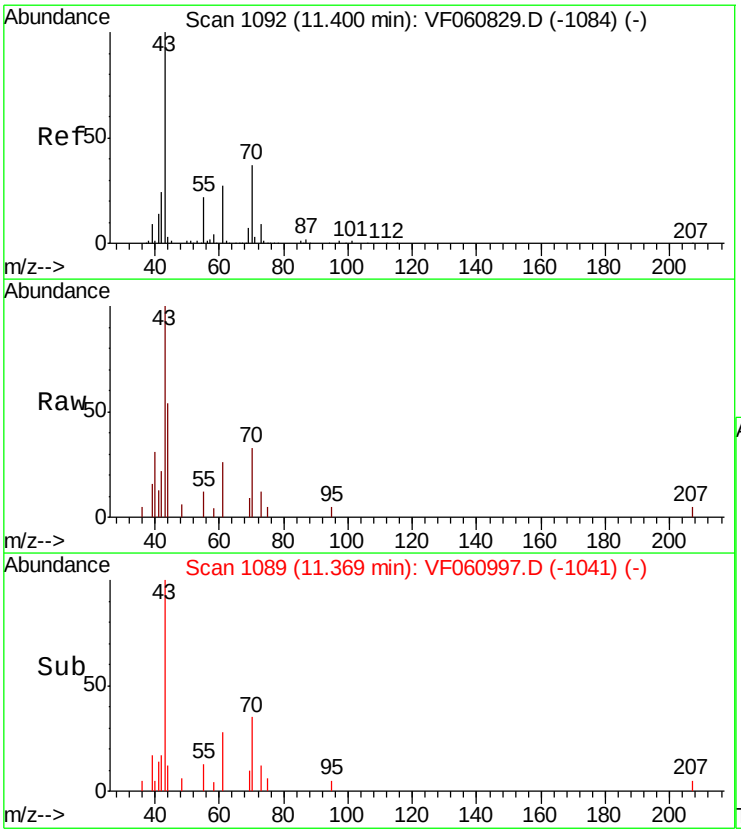
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument : MSVOA_F
ClientSampleId : VF1212SBL01

Tgt Ion:152 Resp: 168659

Ion	Ratio	Lower	Upper
152	100		
115	54.7	30.1	90.5
150	154.8	0.0	327.6

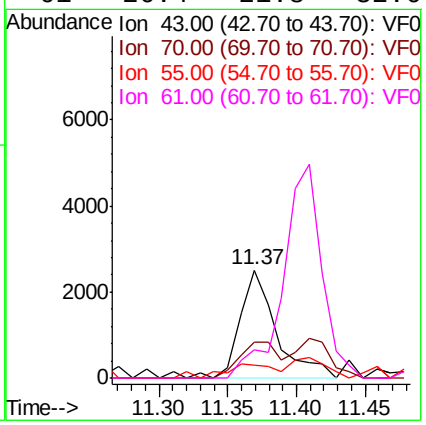


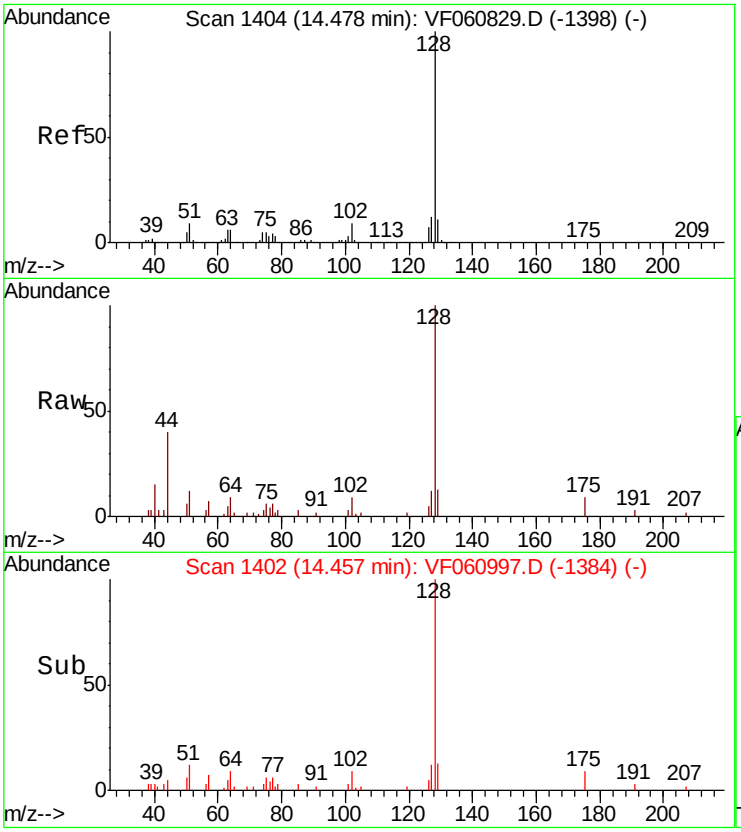


#74
N-amyl acetate
Concen: 1.509 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.03 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 43 Resp: 4644

Ion	Ratio	Lower	Upper
43	100		
70	33.2	29.6	44.4
55	12.3	17.2	25.8#
61	26.4	21.8	32.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF060997.D
Acq: 12 Dec 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :
VF1212SBL01

Tgt Ion:128 Resp: 10240

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	13.2	9.1	13.7