Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120318\
Data File : VF060888.D
Acq On : 3 Dec 2018 13:30
Operator : VA/AP
Sample : VF1203SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Quant Time: Dec 04 03:08:11 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	4.89	168	207481	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	343436	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	312898	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	182165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	139008	56.87	ug/l	-0.02
Spiked Amount 50.000			Recovery = 113.74%			
35) Dibromofluoromethane	4.13	113	154094	56.56	ug/l	-0.02
Spiked Amount 50.000			Recovery = 113.12%			
50) Toluene-d8	7.58	98	402663	50.17	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.34%			
62) 4-Bromofluorobenzene	11.42	95	191324	52.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.90%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	227	2.266	ug/l #	62
13) Acrolein	1.98	56	488	5.141	ug/l	83
15) Acrylonitrile	2.96	53	1354	6.028	ug/l #	63
16) Acetone	2.24	43	2607	5.784	ug/l #	90
18) Methyl Acetate	2.34	43	569	Below Cal	#	61
25) 2-Butanone	4.36	43	2305	2.957	ug/l #	86
41) Methacrylonitrile	4.76	41	1655	Below Cal	#	49
43) Isopropyl Acetate	6.95	43	109	Below Cal	#	49
51) 4-Methyl-2-Pentanone	8.28	43	4058	2.843	ug/l #	82
59) 2-Hexanone	9.52	43	5656	5.648	ug/l	92
74) N-amyl acetate	11.39	43	5224	1.572	ug/l #	90
95) Naphthalene	14.47	128	12230	Below Cal	#	93

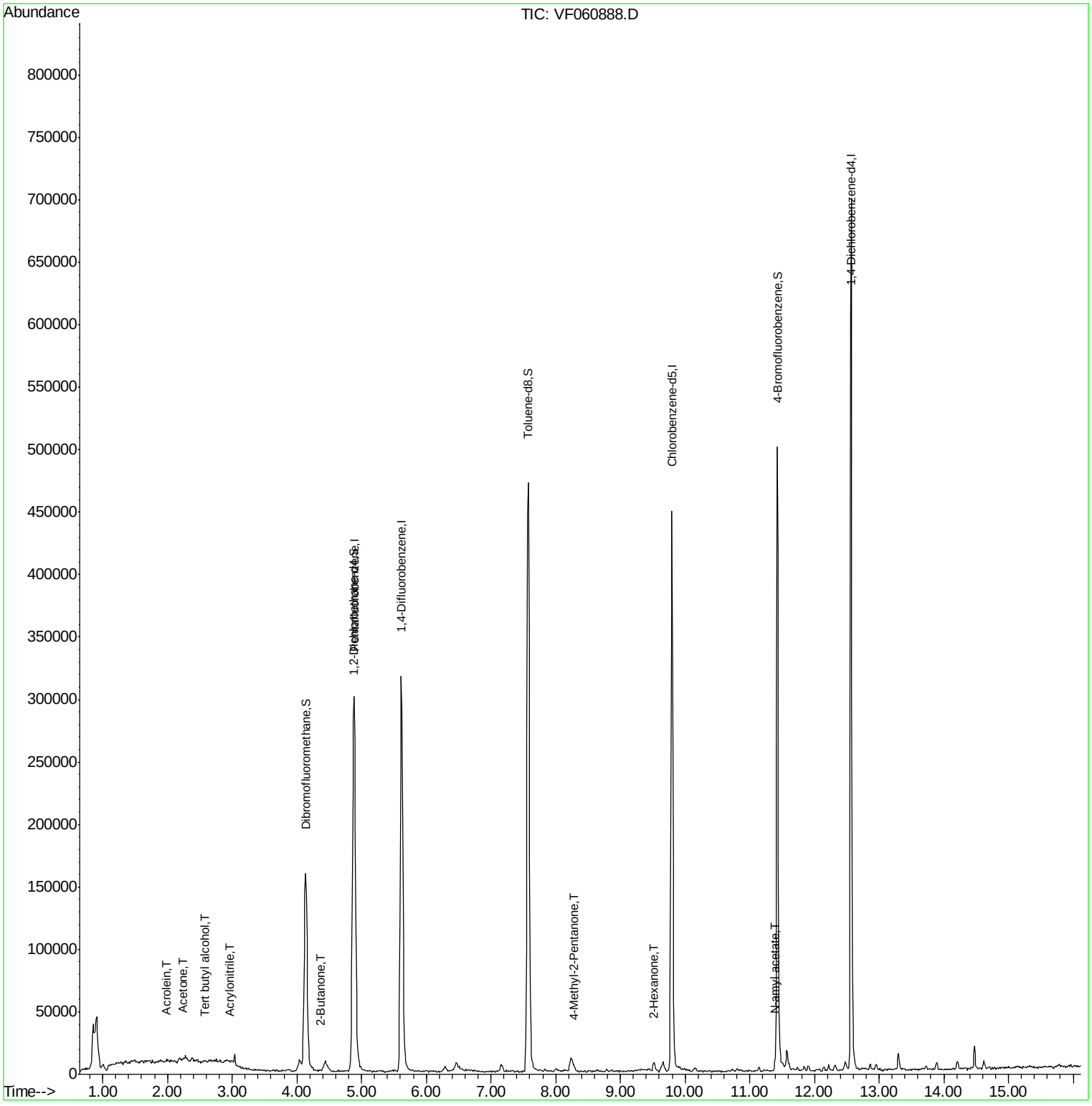
(#) = qualifier out of range (m) = manual integration (+) = signals summed

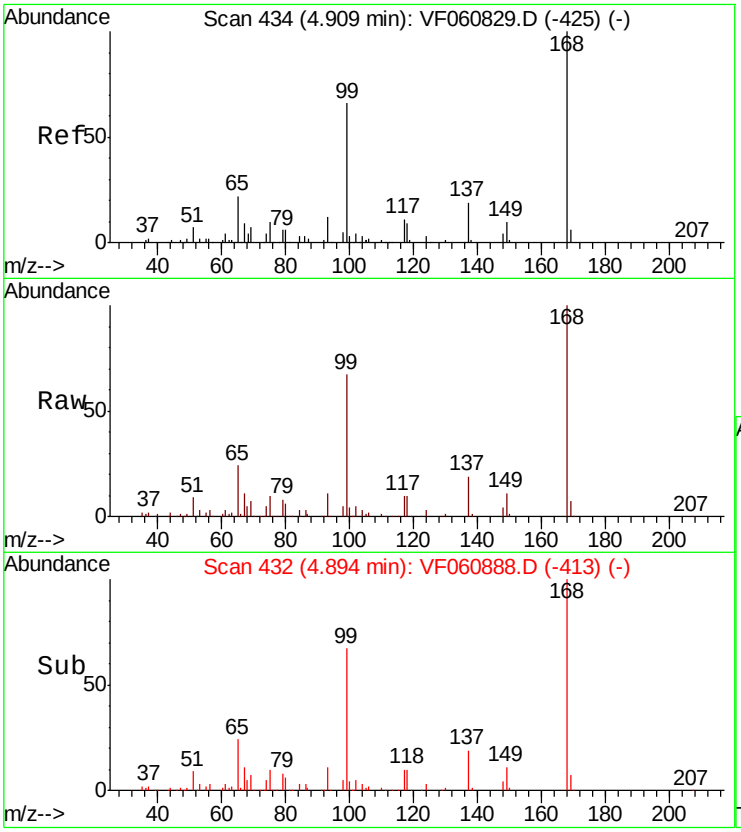
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120318\
Data File : VF060888.D
Acq On : 3 Dec 2018 13:30
Operator : VA/AP
Sample : VF1203SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Quant Time: Dec 04 03:08:11 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

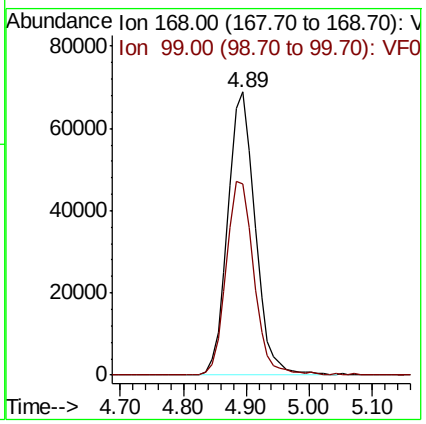




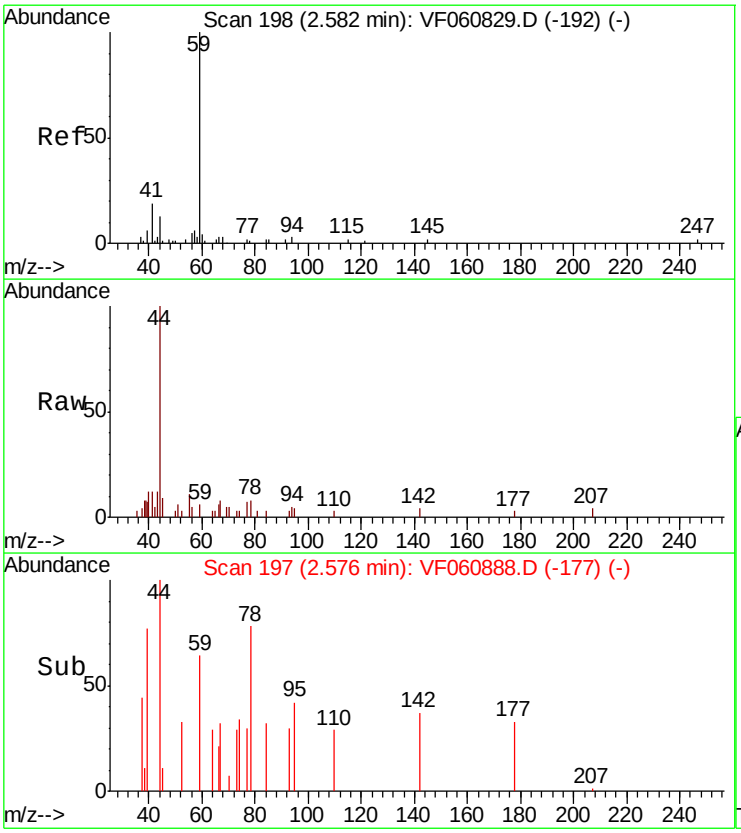
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion:168 Resp: 207481

Ion	Ratio	Lower	Upper
168	100		
99	67.4	52.6	79.0



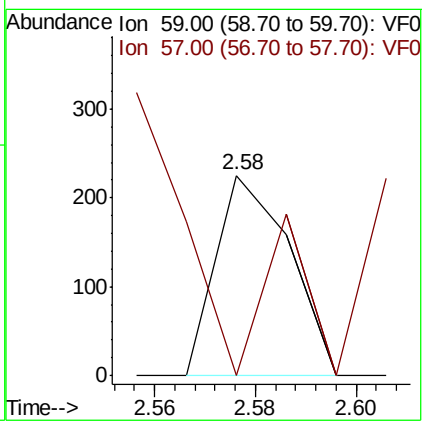
Instrument :
MSVOA_F
ClientSampleId :
VF1203SBL01

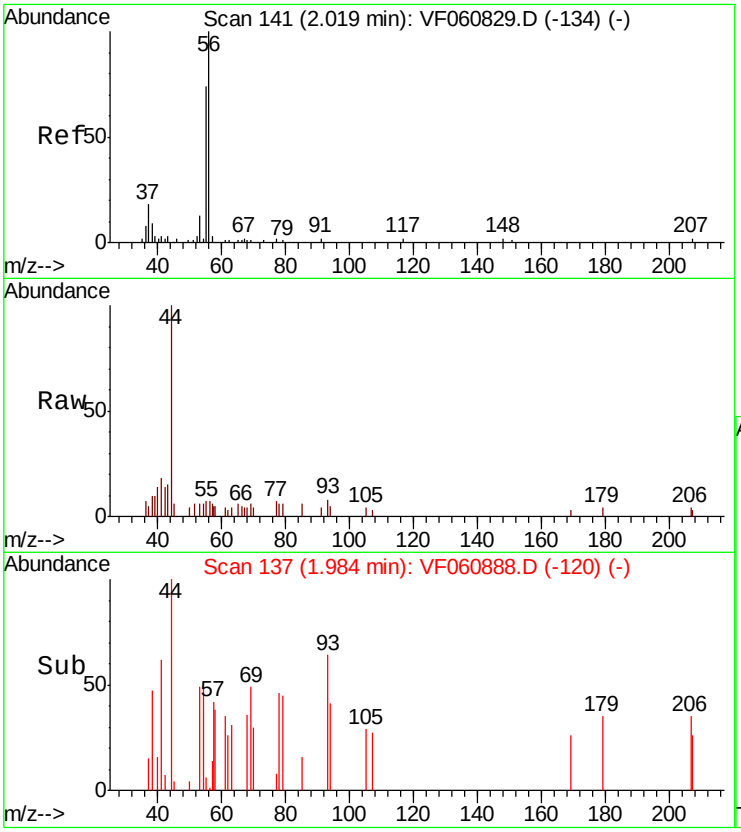


#11
Tert butyl alcohol
Concen: 2.266 ug/l
RT: 2.58 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion: 59 Resp: 227

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



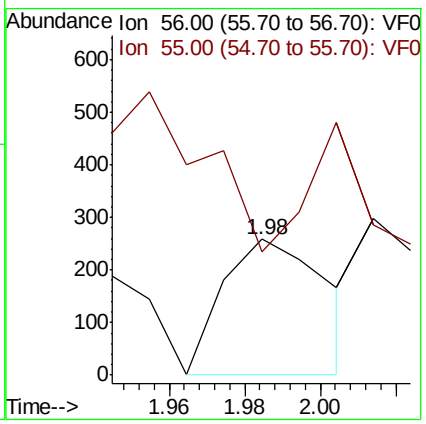


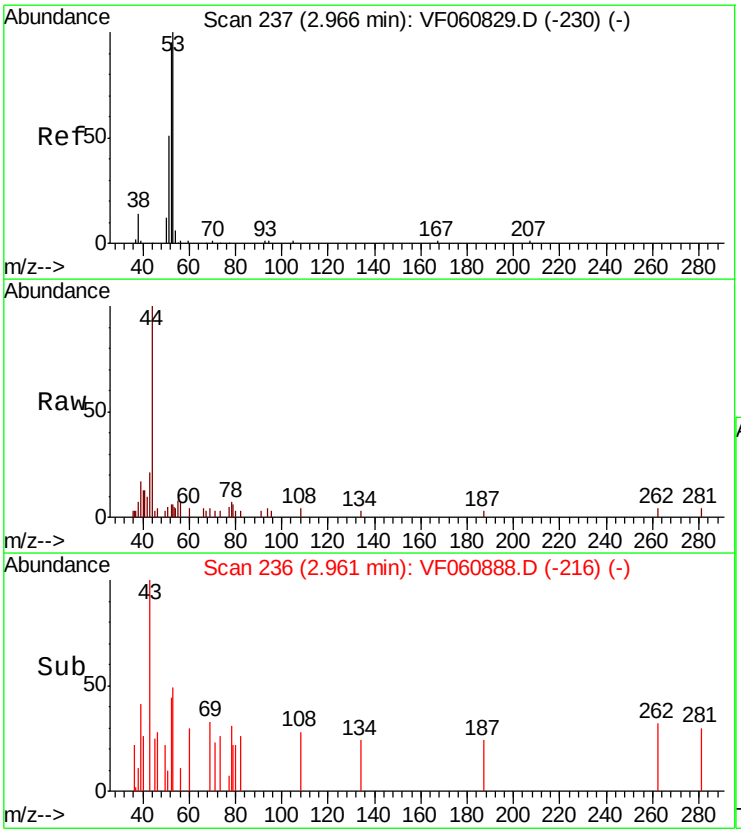
#13
Acrolein
Concen: 5.141 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.03 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Tgt Ion: 56 Resp: 488

Ion	Ratio	Lower	Upper
56	100		
55	91.1	61.2	91.8

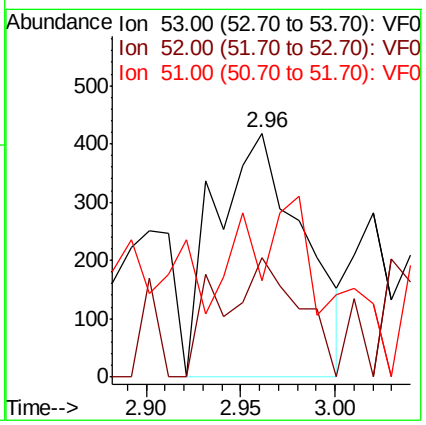


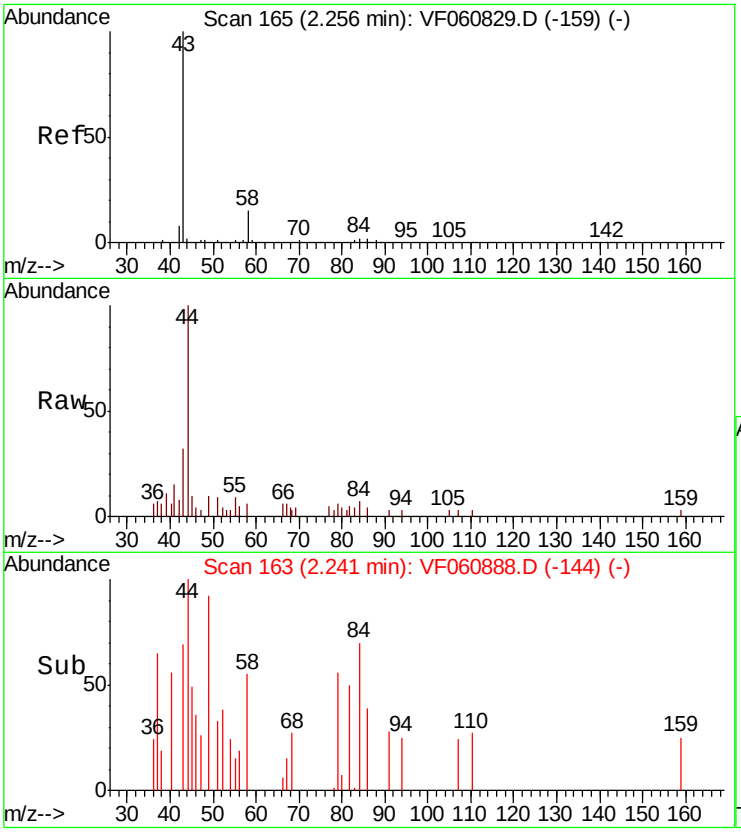


#15
Acrylonitrile
Concen: 6.028 ug/l
RT: 2.96 min Scan# 236
Delta R.T. -0.01 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion: 53 Resp: 1354

Ion	Ratio	Lower	Upper
53	100		
52	48.8	76.5	114.7#
51	39.7	40.7	61.1#



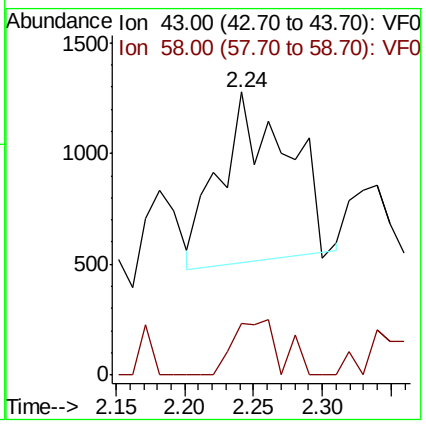


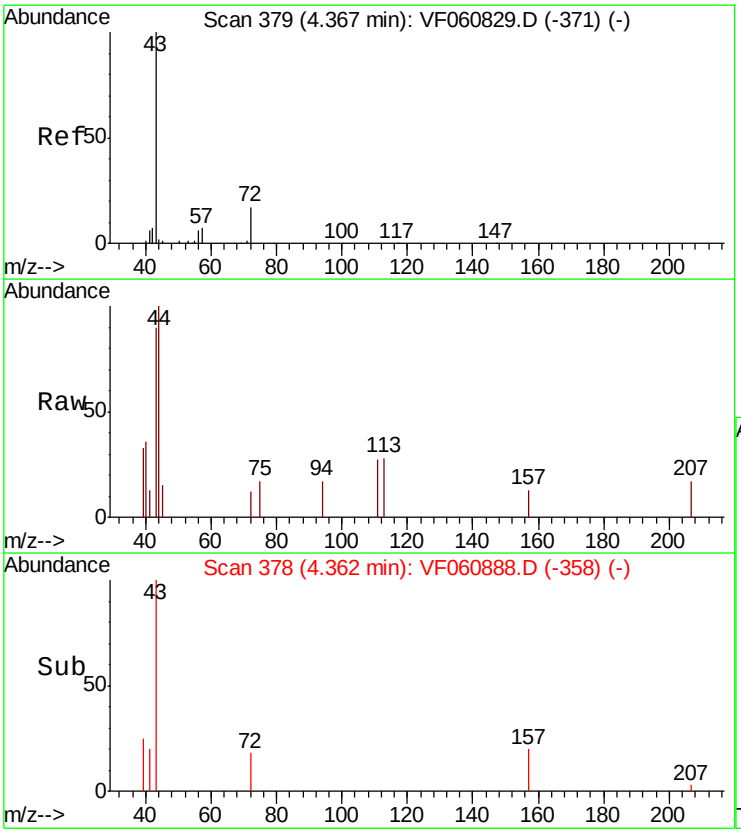
#16
Acetone
Concen: 5.784 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Tgt Ion: 43 Resp: 2607

Ion	Ratio	Lower	Upper
43	100		
58	18.3	11.4	17.2#

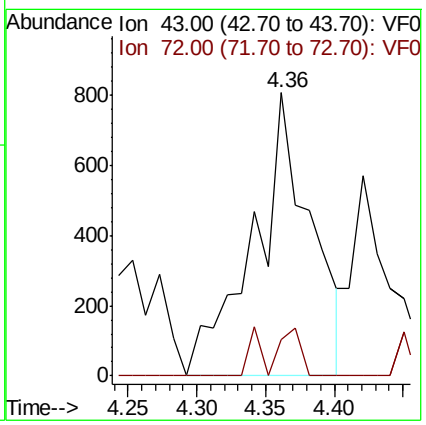


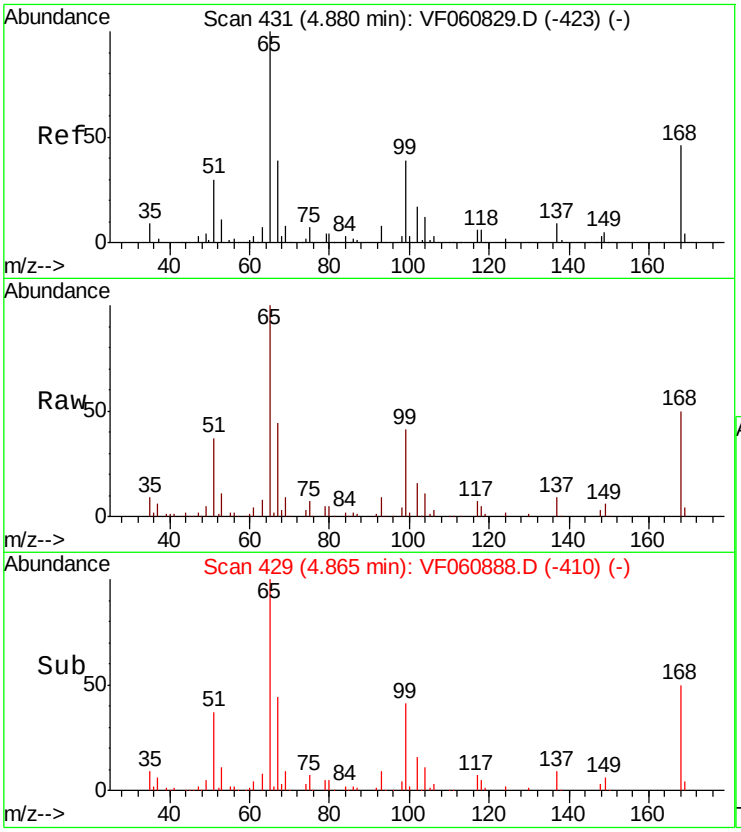


#25
2-Butanone
Concen: 2.957 ug/l
RT: 4.36 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion: 43 Resp: 2305

Ion	Ratio	Lower	Upper
43	100		
72	12.9	15.4	23.2#



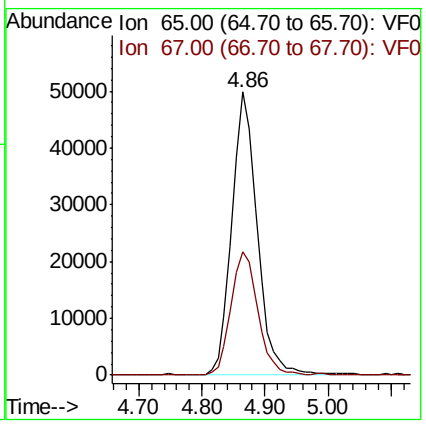


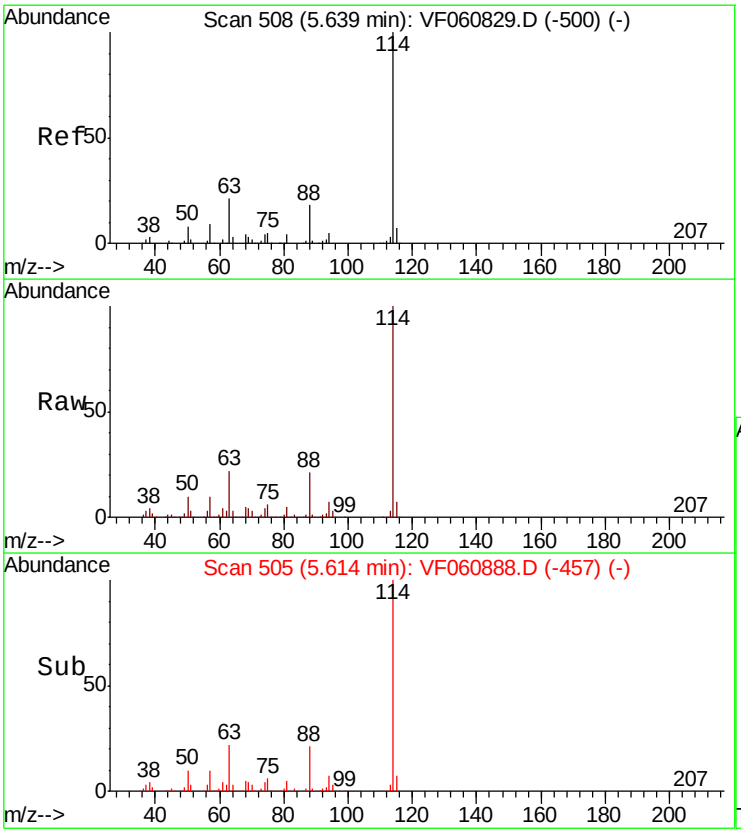
#33
1,2-Dichloroethane-d4
Concen: 56.873 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument :
MSVOA_F
ClientSampleId :
VF1203SBL01

Tgt Ion: 65 Resp: 139008

Ion	Ratio	Lower	Upper
65	100		
67	43.8	0.0	96.4

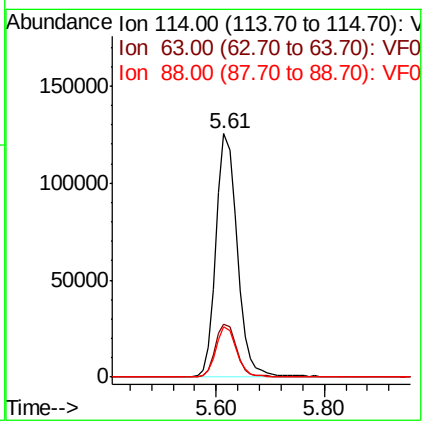


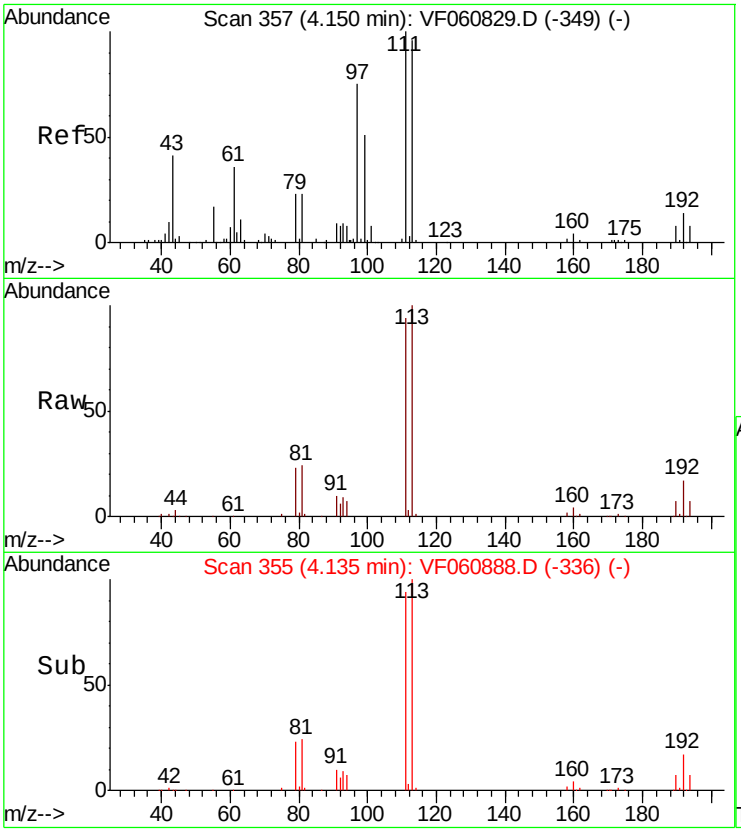


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion:114 Resp: 343436

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.6
88	20.6	0.0	36.6



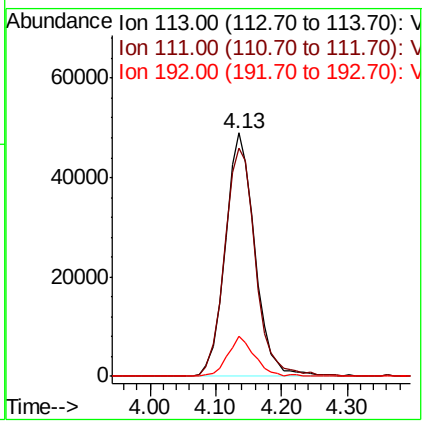


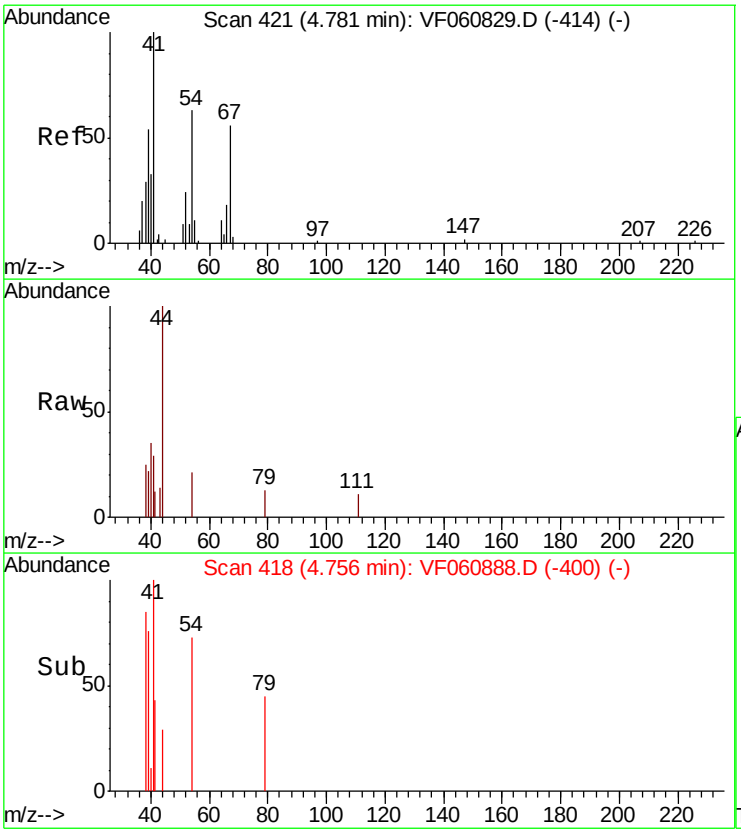
#35
Dibromofluoromethane
Concen: 56.557 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument :
MSVOA_F
ClientSampleId :
VF1203SBL01

Tgt Ion:113 Resp: 154094

Ion	Ratio	Lower	Upper
113	100		
111	93.5	83.0	124.6
192	16.5	12.3	18.5

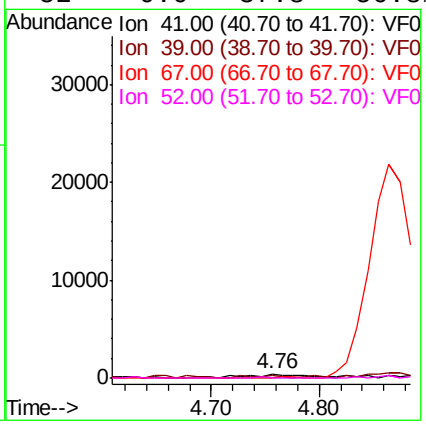


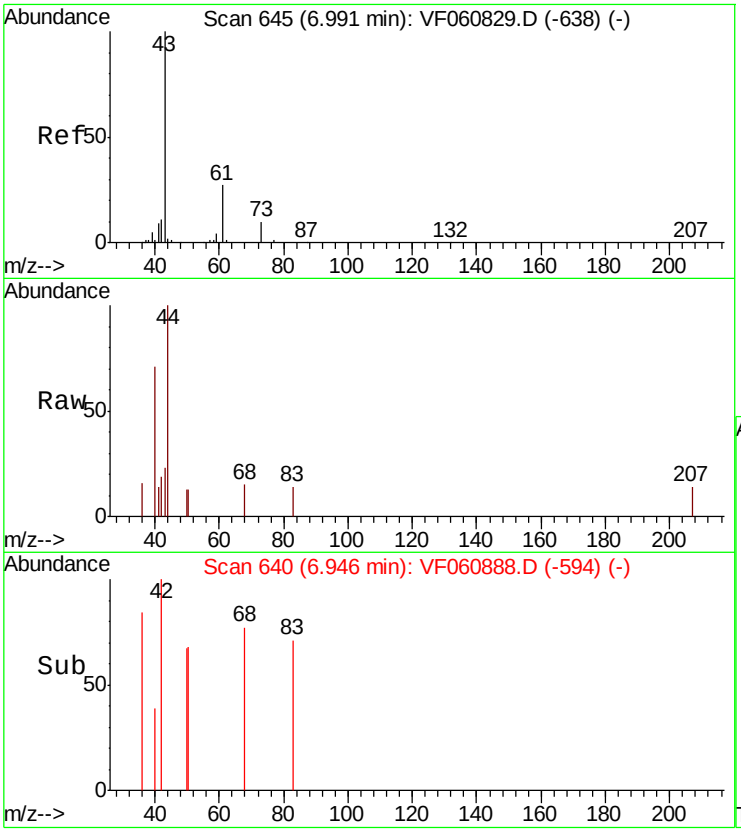


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.76 min Scan# 418
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion: 41 Resp: 1655

Ion	Ratio	Lower	Upper
41	100		
39	52.9	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



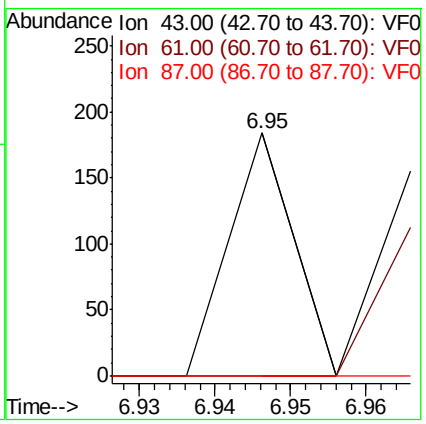


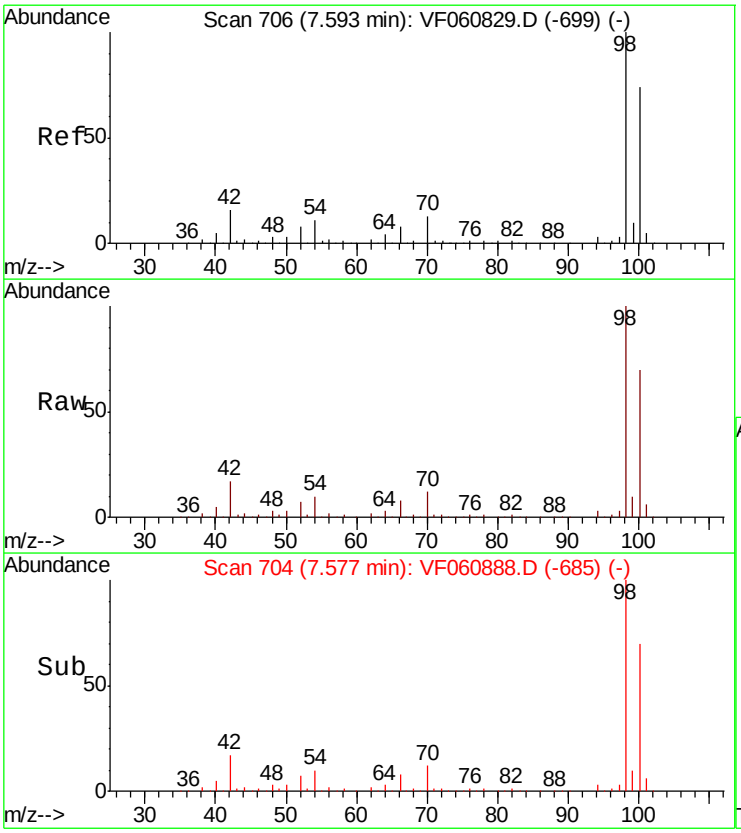
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.95 min Scan# 640
Delta R.T. -0.04 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Tgt Ion: 43 Resp: 109

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

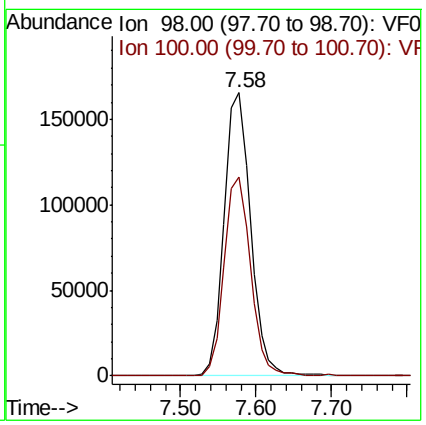


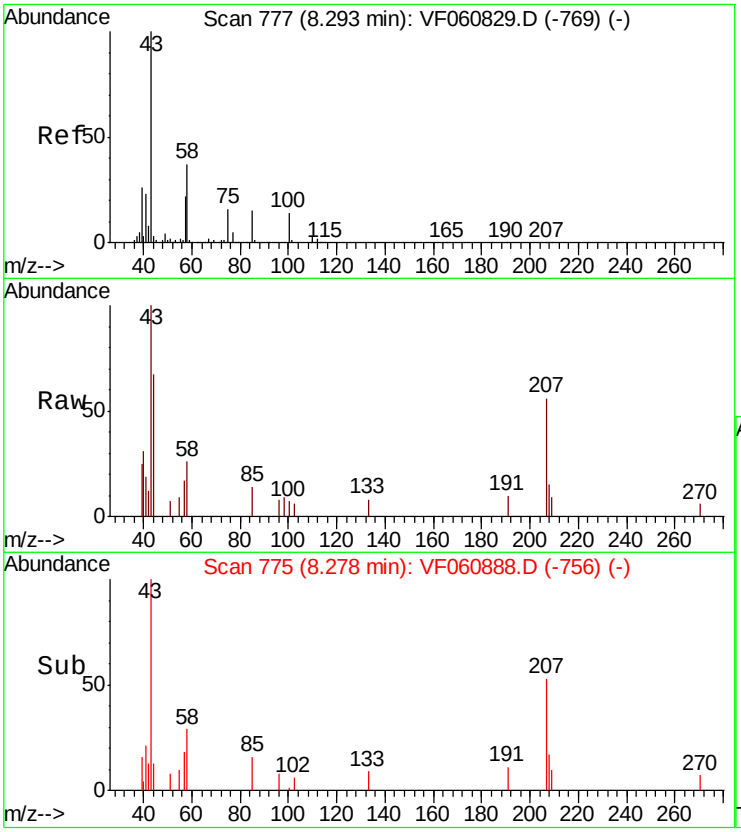


#50
Toluene-d8
Concen: 50.171 ug/l
RT: 7.58 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion: 98 Resp: 402663

Ion	Ratio	Lower	Upper
98	100		
100	70.5	59.3	88.9



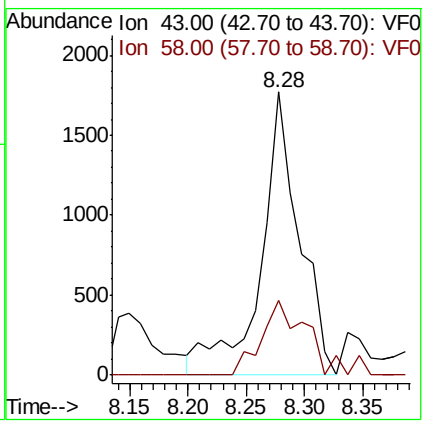


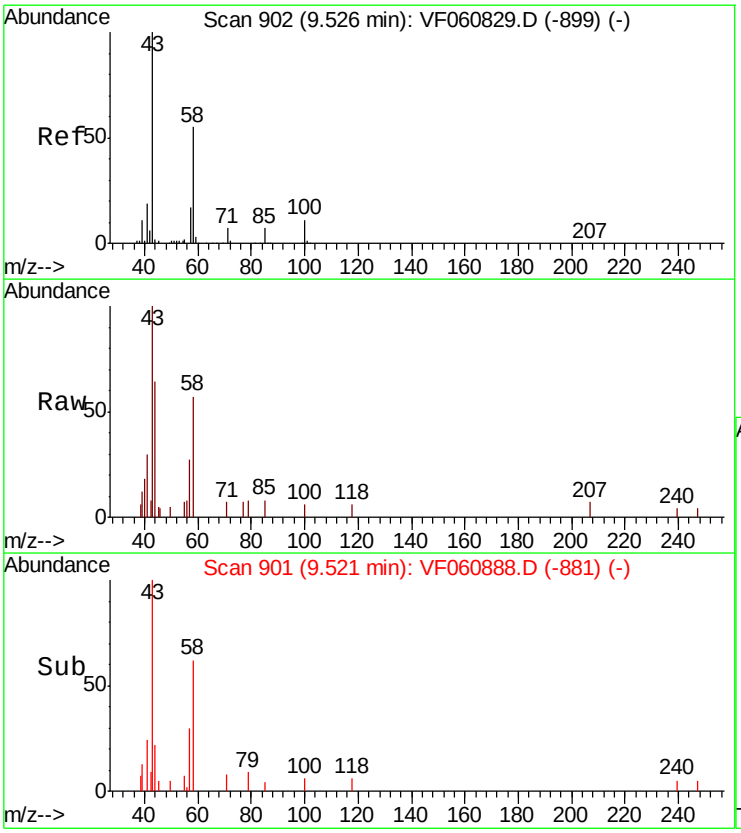
#51
4-Methyl-2-Pentanone
Concen: 2.843 ug/l
RT: 8.28 min Scan# 775
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Tgt Ion: 43 Resp: 4058

Ion	Ratio	Lower	Upper
43	100		
58	26.5	29.7	44.5#

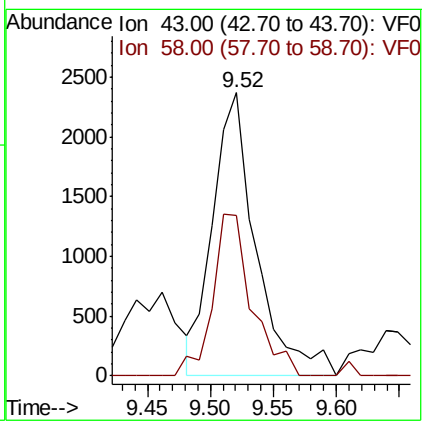


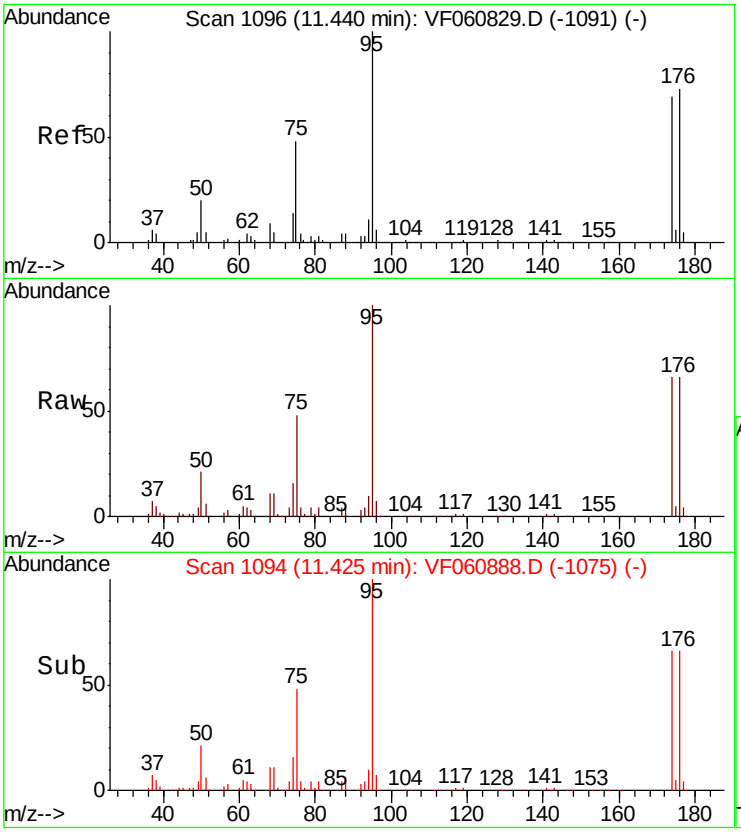


#59
2-Hexanone
Concen: 5.648 ug/l
RT: 9.52 min Scan# 901
Delta R.T. -0.01 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion: 43 Resp: 5656

Ion	Ratio	Lower	Upper
43	100		
58	56.7	25.6	76.6



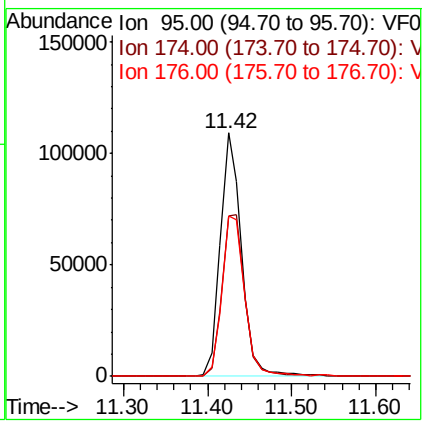


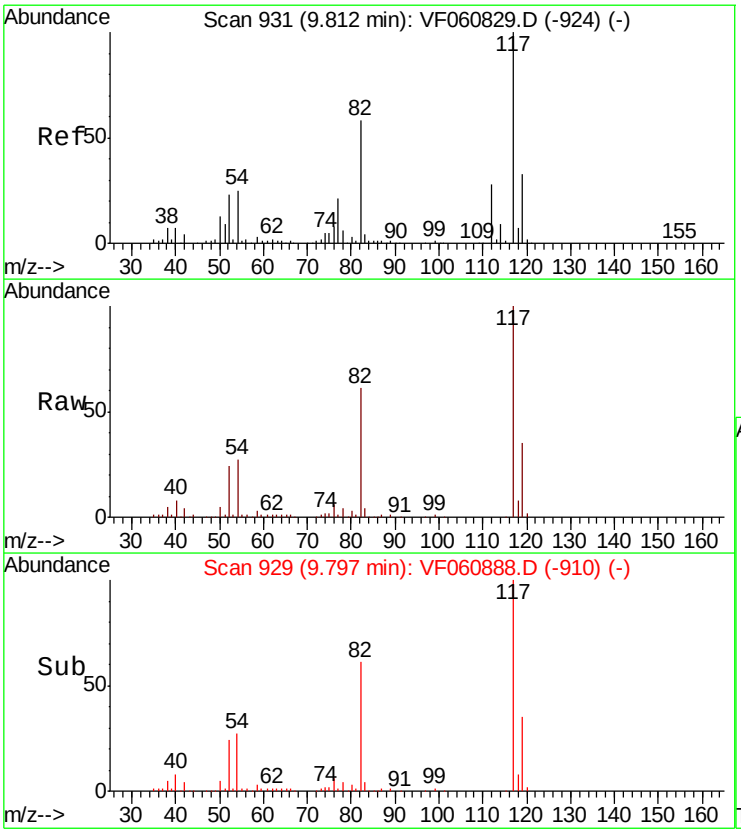
#62
4-Bromofluorobenzene
Concen: 52.452 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Tgt Ion: 95 Resp: 191324

Ion	Ratio	Lower	Upper
95	100		
174	65.8	0.0	138.2
176	66.1	0.0	146.2

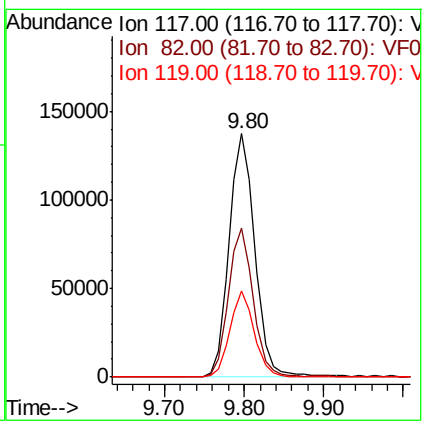


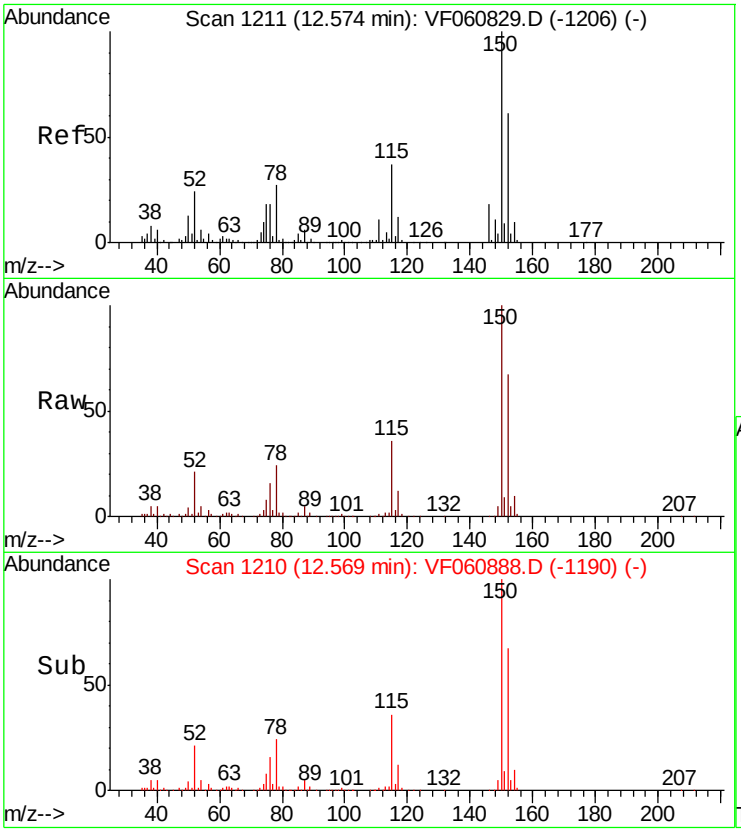


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion:117 Resp: 312898

Ion	Ratio	Lower	Upper
117	100		
82	61.1	46.6	69.8
119	35.2	26.4	39.6



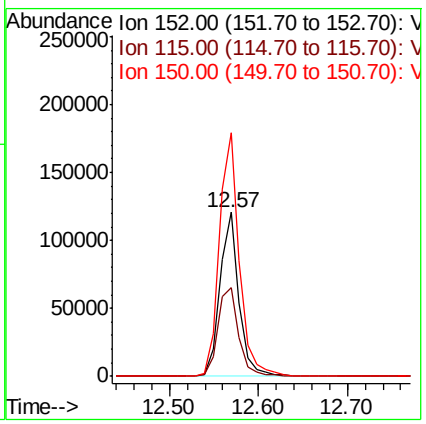


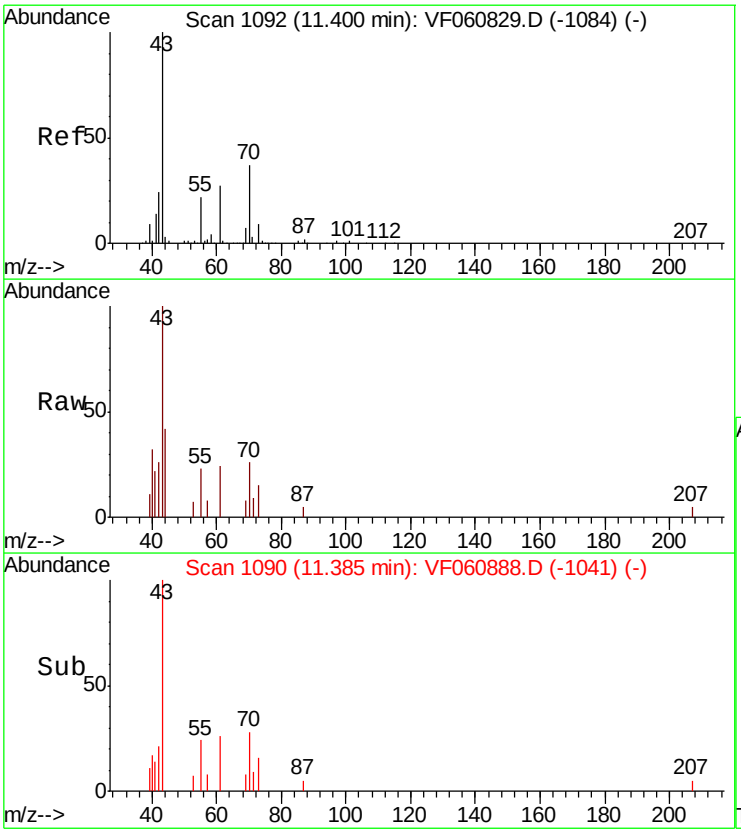
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument : MSVOA_F
ClientSampleId : VF1203SBL01

Tgt Ion:152 Resp: 182165

Ion	Ratio	Lower	Upper
152	100		
115	54.1	30.1	90.5
150	148.5	0.0	327.6

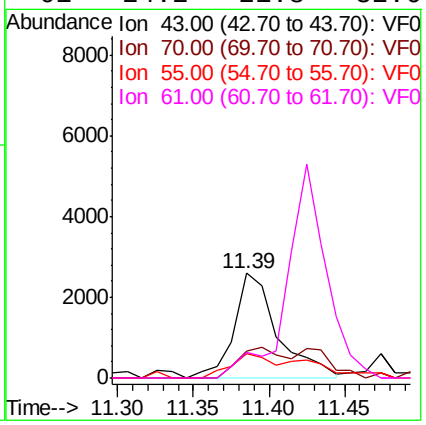


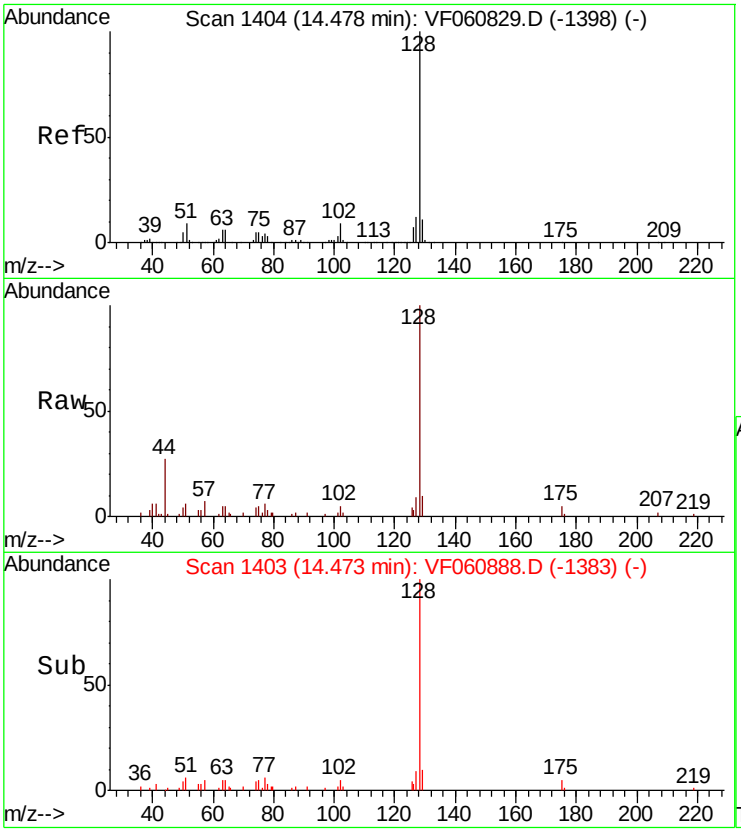


#74
N-amyl acetate
Concen: 1.572 ug/l
RT: 11.39 min Scan# 1090
Delta R.T. -0.02 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Tgt Ion: 43 Resp: 5224

Ion	Ratio	Lower	Upper
43	100		
70	26.0	29.6	44.4#
55	22.8	17.2	25.8
61	24.2	21.8	32.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.00 min
Lab File: VF060888.D
Acq: 3 Dec 2018 13:30

Instrument :
MSVOA_F
ClientSampleId :
VF1203SBL01

Tgt Ion:128 Resp: 12230

Ion	Ratio	Lower	Upper
128	100		
127	8.9	9.9	14.9#
129	9.7	9.1	13.7