Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011119\
Data File : VF061380.D
Acq On : 11 Jan 2019 20:59
Operator : VA/AP
Sample : K1113-02
Misc : 5.98g/5mL/MSVOA-F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Quant Time: Jan 12 03:35:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	197855	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	377198	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	351377	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	178565	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	120813	54.86	ug/l	-0.04
Spiked Amount 50.000			Recovery = 109.72%			
35) Dibromofluoromethane	4.09	113	145267	50.33	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.66%			
50) Toluene-d8	7.53	98	364804	42.71	ug/l	-0.04
Spiked Amount 50.000			Recovery = 85.42%			
62) 4-Bromofluorobenzene	11.39	95	186458	50.00	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.00%			
Target Compounds						Qvalue
5) Bromomethane	1.32	94	487	3.095	ug/l #	6
11) Tert butyl alcohol	2.56	59	8207	93.078	ug/l	92
13) Acrolein	1.94	56	192	Below Cal		99
15) Acrylonitrile	2.92	53	382	1.222	ug/l #	32
16) Acetone	2.22	43	127385	248.655	ug/l #	91
18) Methyl Acetate	2.22	43	127385	126.384	ug/l #	65
20) Methylene Chloride	2.18	84	3118	1.439	ug/l #	88
23) Vinyl Acetate	3.18	43	2533	1.178	ug/l #	77
25) 2-Butanone	4.32	43	7143	8.663	ug/l	96
29) Tetrahydrofuran	4.05	42	954	2.767	ug/l	93
41) Methacrylonitrile	4.65	41	3656	4.081	ug/l #	47
49) 1,4-Dioxane	6.84	88	128	14.758	ug/l #	20

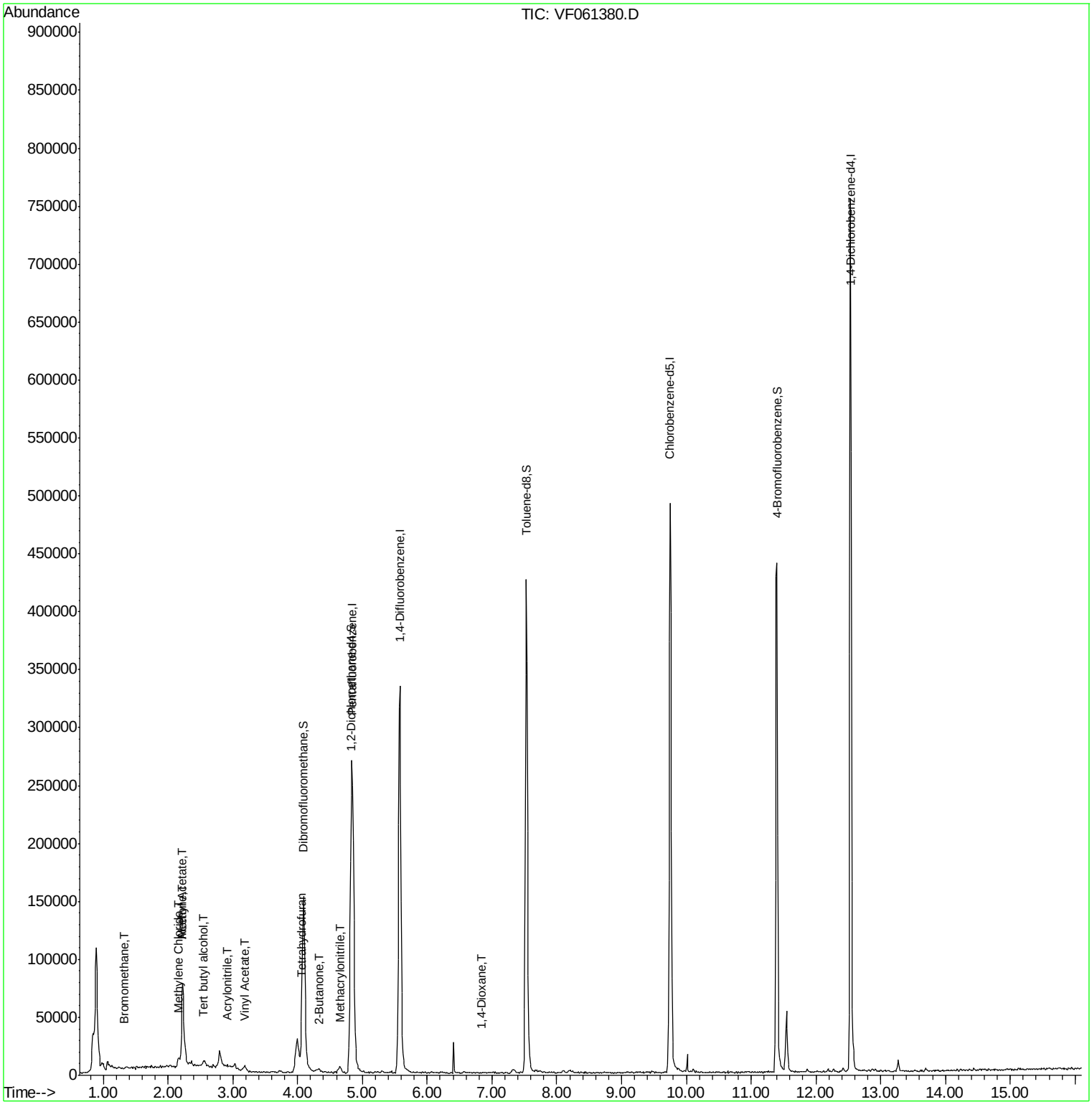
(#) = qualifier out of range (m) = manual integration (+) = signals summed

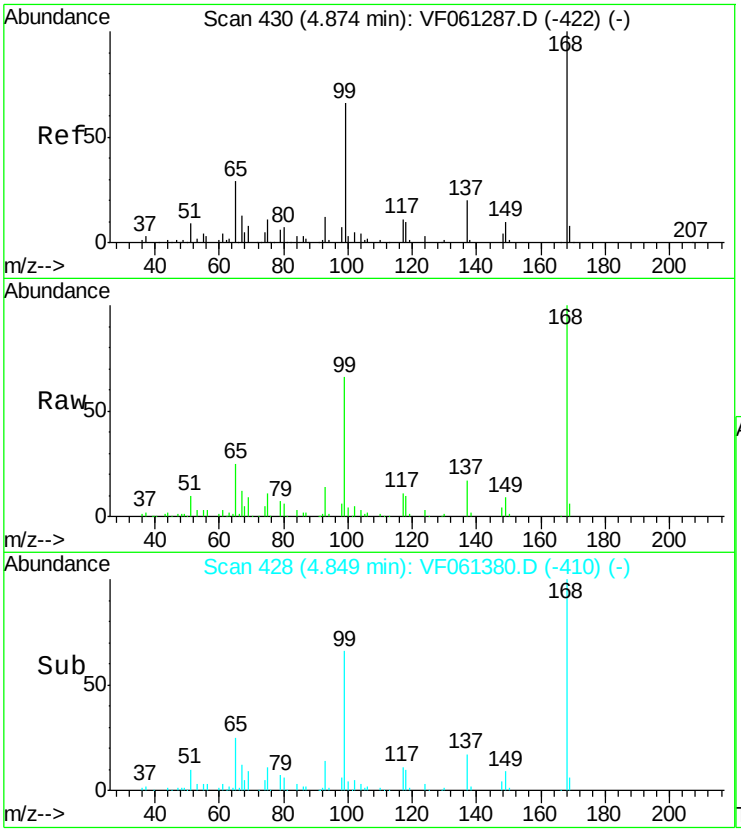
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061380.D
Acq On : 11 Jan 2019 20:59
Operator : VA/AP
Sample : K1113-02
Misc : 5.98g/5mL/MSVOA-F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Quant Time: Jan 12 03:35:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration



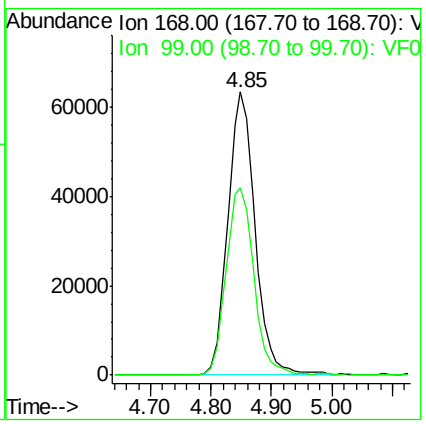


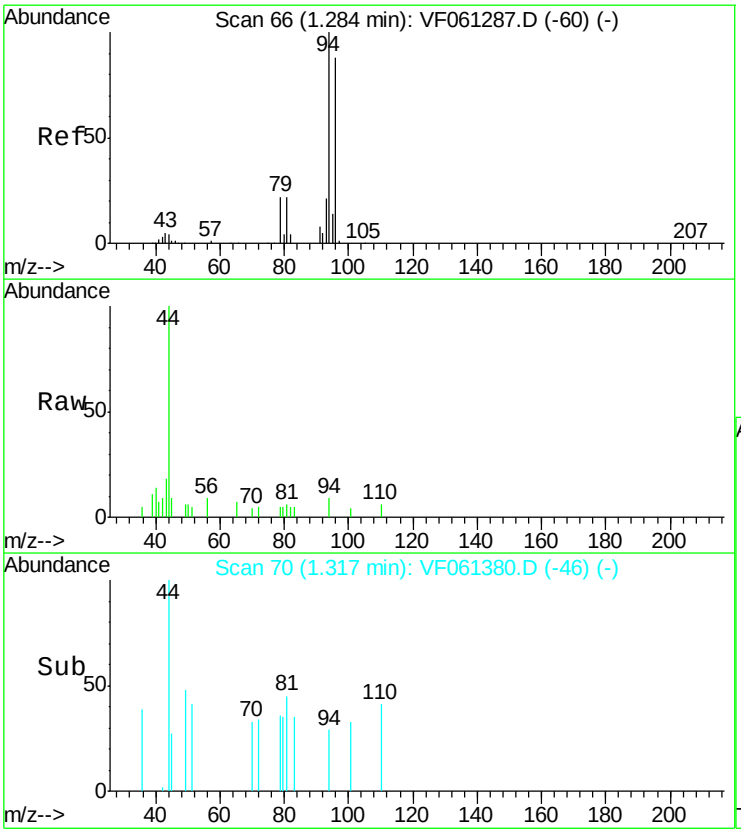
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
BCB-3-1500

Tgt Ion:168 Resp: 197855

Ion	Ratio	Lower	Upper
168	100		
99	66.2	52.7	79.1

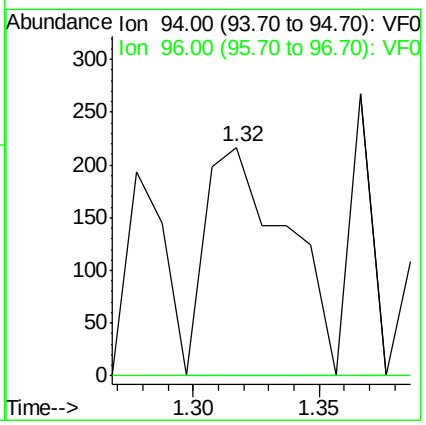


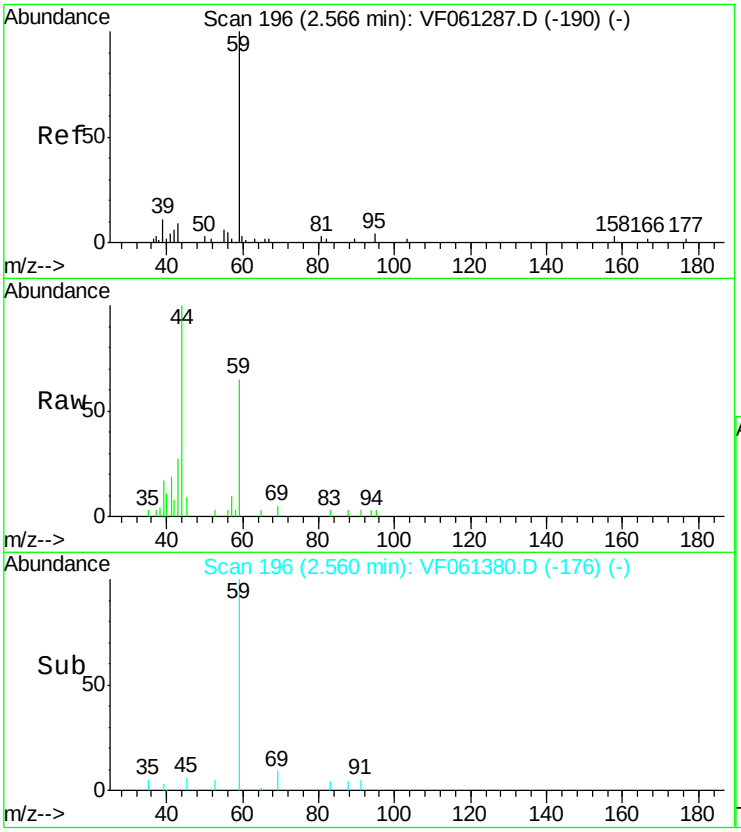


#5
Bromomethane
Concen: 3.095 ug/l
RT: 1.32 min Scan# 70
Delta R.T. 0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 94 Resp: 487

Ion	Ratio	Lower	Upper
94	100		
96	0.0	70.2	105.4#



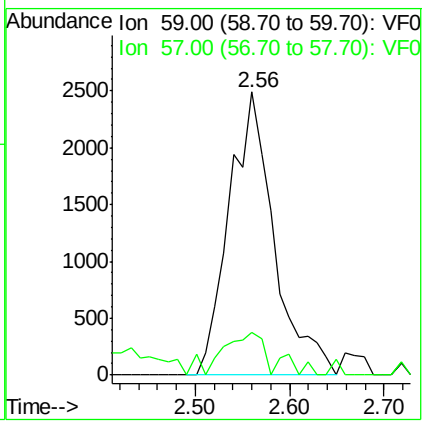


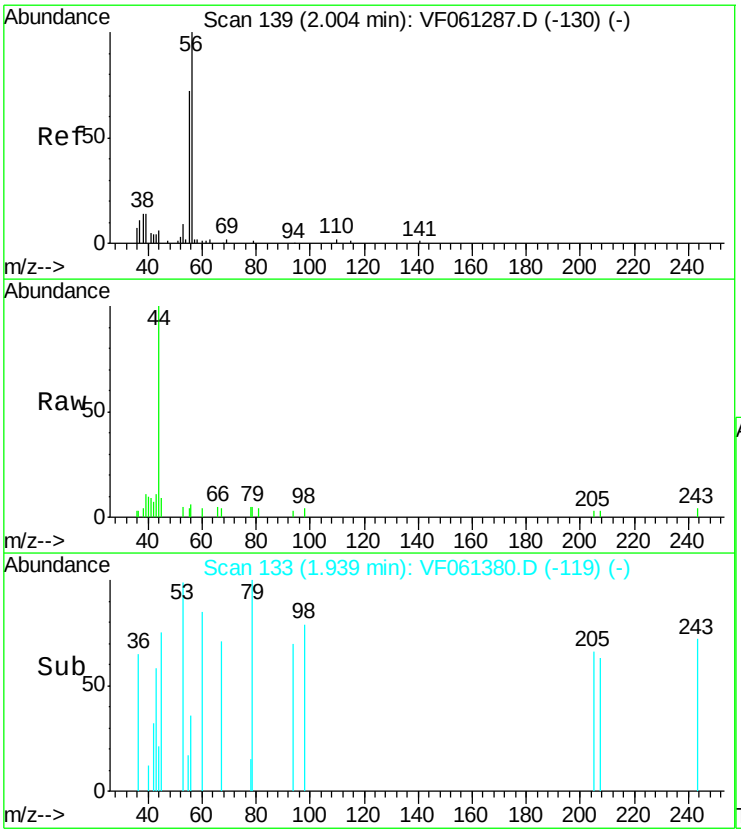
#11
Tert butyl alcohol
Concen: 93.078 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Tgt Ion: 59 Resp: 8207

Ion	Ratio	Lower	Upper
59	100		
57	15.2	15.1	22.7

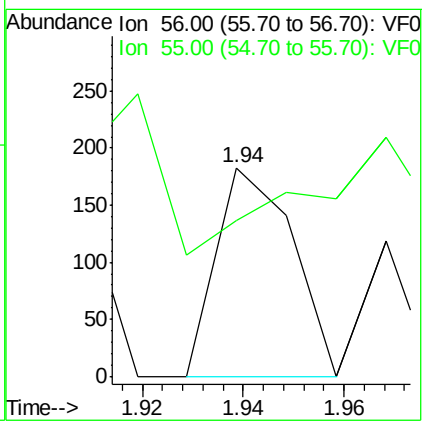


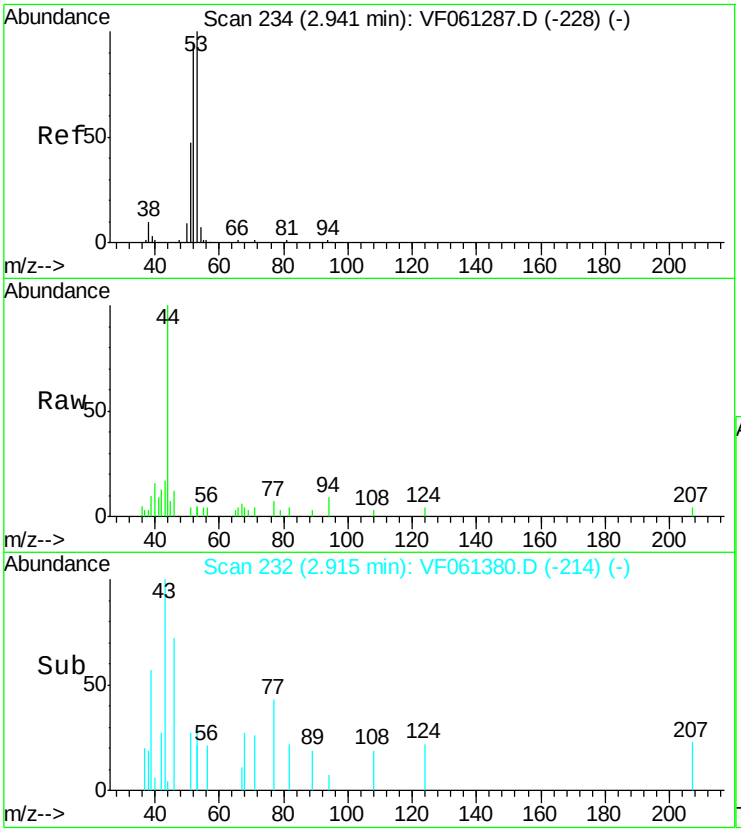


#13
Acrolein
Concen: Below Cal
RT: 1.94 min Scan# 133
Delta R.T. -0.06 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 56 Resp: 192

Ion	Ratio	Lower	Upper
56	100		
55	74.9	59.4	89.0



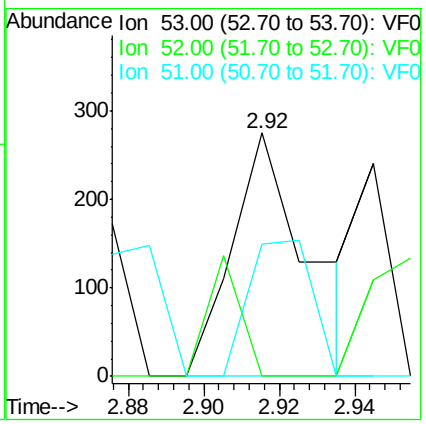


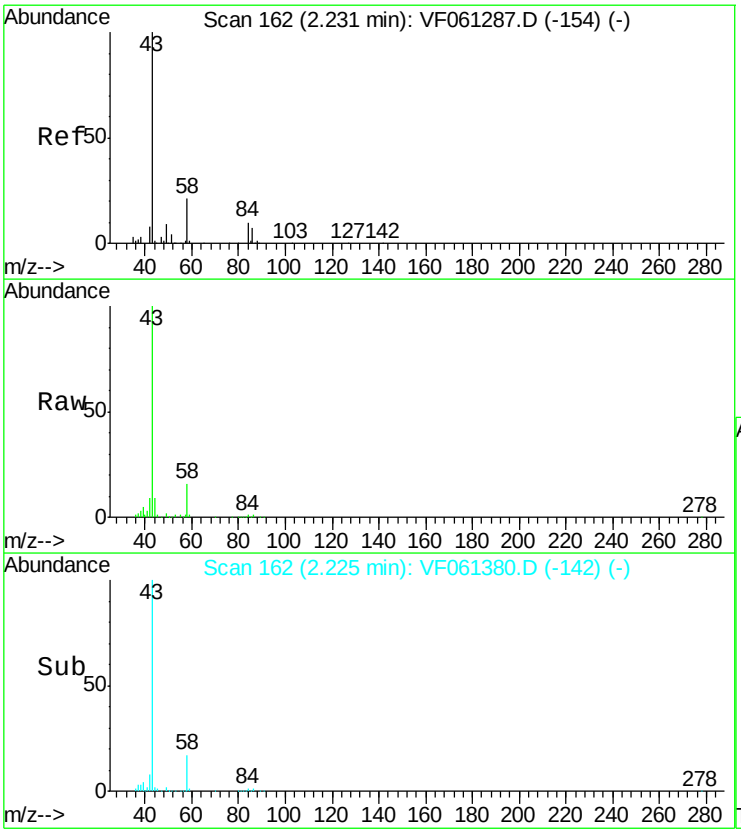
#15
Acrylonitrile
Concen: 1.222 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
BCB-3-1500

Tgt Ion: 53 Resp: 382

Ion	Ratio	Lower	Upper
53	100		
52	0.0	74.6	111.8#
51	54.2	37.8	56.6

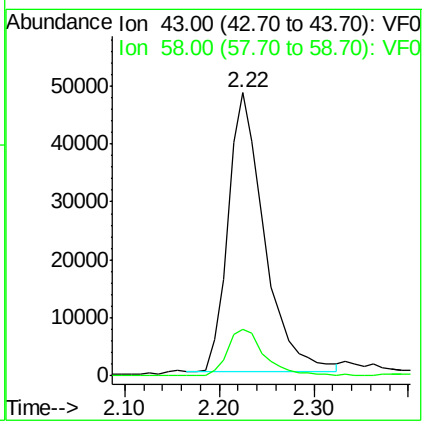


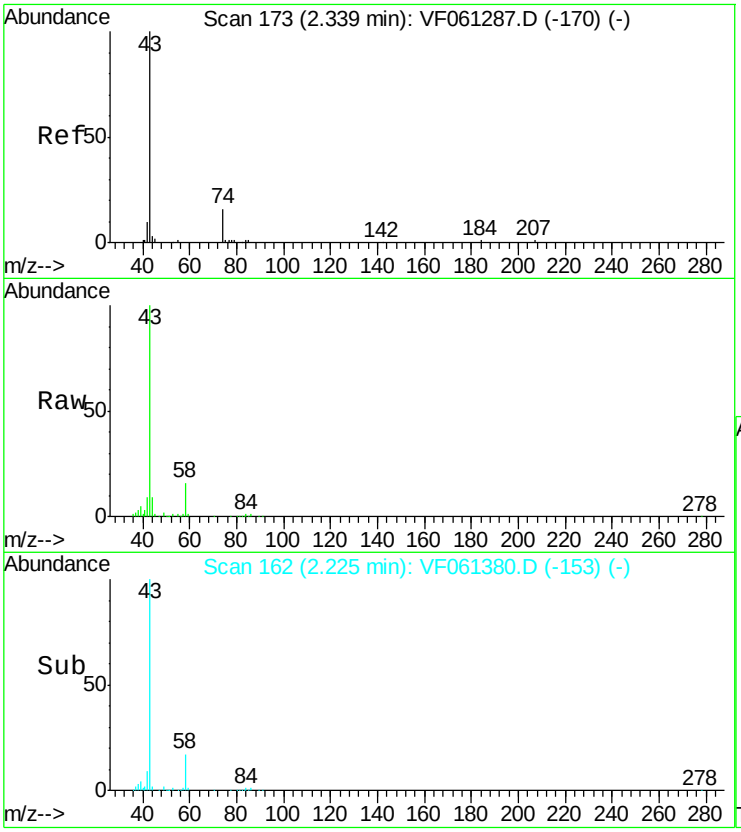


#16
Acetone
Concen: 248.655 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 43 Resp: 127385

Ion	Ratio	Lower	Upper
43	100		
58	16.5	16.6	25.0#



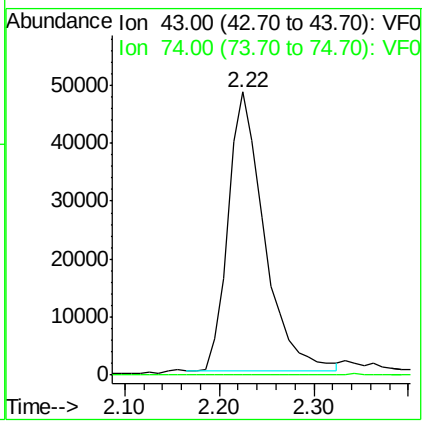


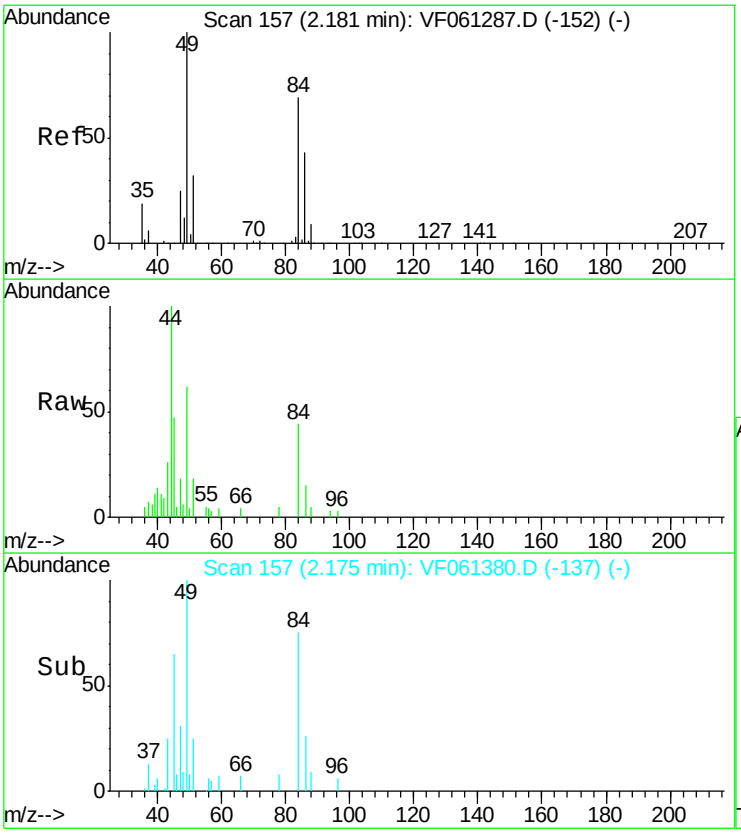
#18
Methyl Acetate
Concen: 126.384 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.11 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Tgt Ion: 43 Resp: 127385

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.6	17.4#

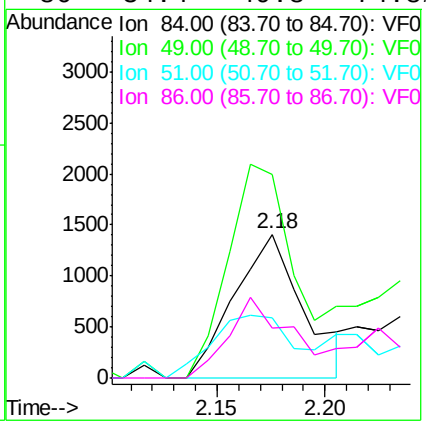


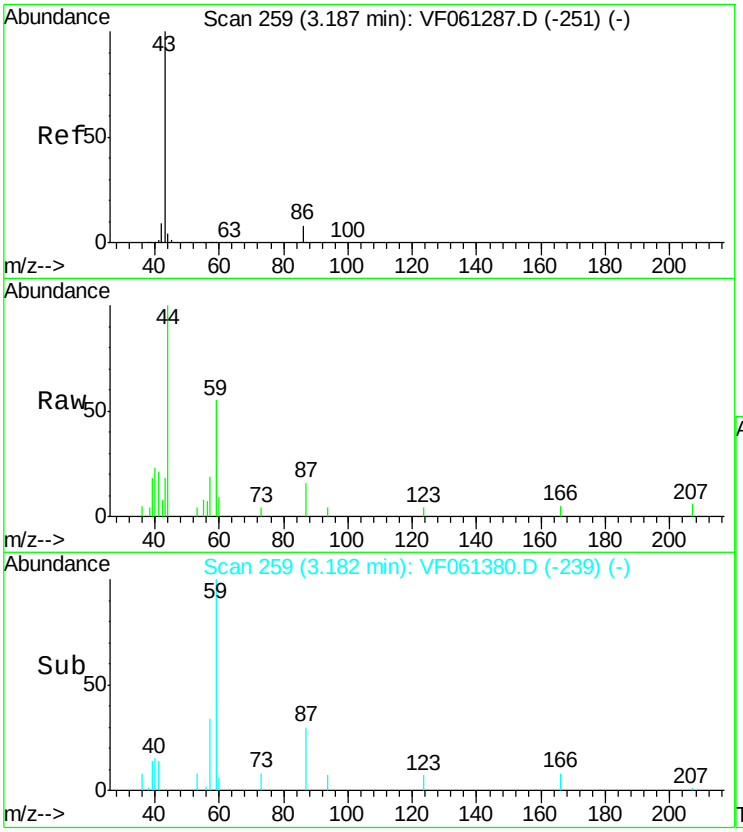


#20
Methylene Chloride
Concen: 1.439 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 84 Resp: 3118

Ion	Ratio	Lower	Upper
84	100		
49	141.6	116.6	175.0
51	41.5	37.7	56.5
86	34.4	49.8	74.8#



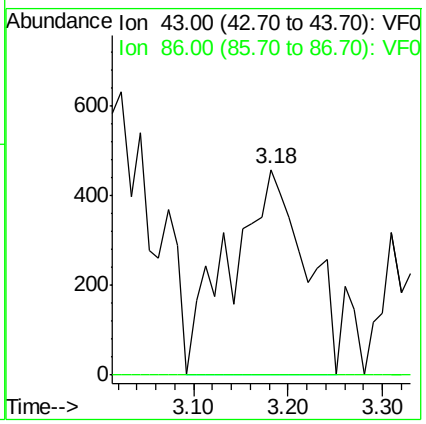


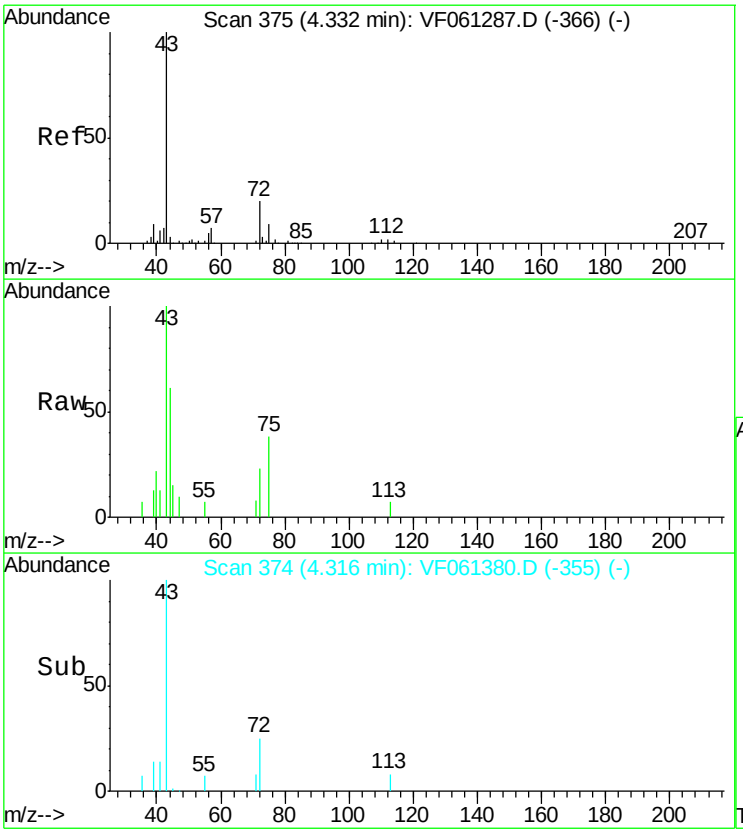
#23
Vinyl Acetate
Concen: 1.178 ug/l
RT: 3.18 min Scan# 259
Delta R.T. -0.01 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Tgt Ion: 43 Resp: 2533

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.5	9.7#

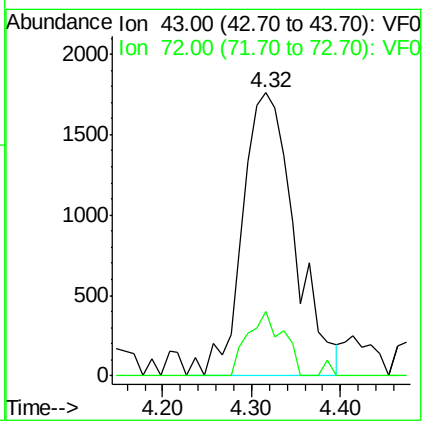


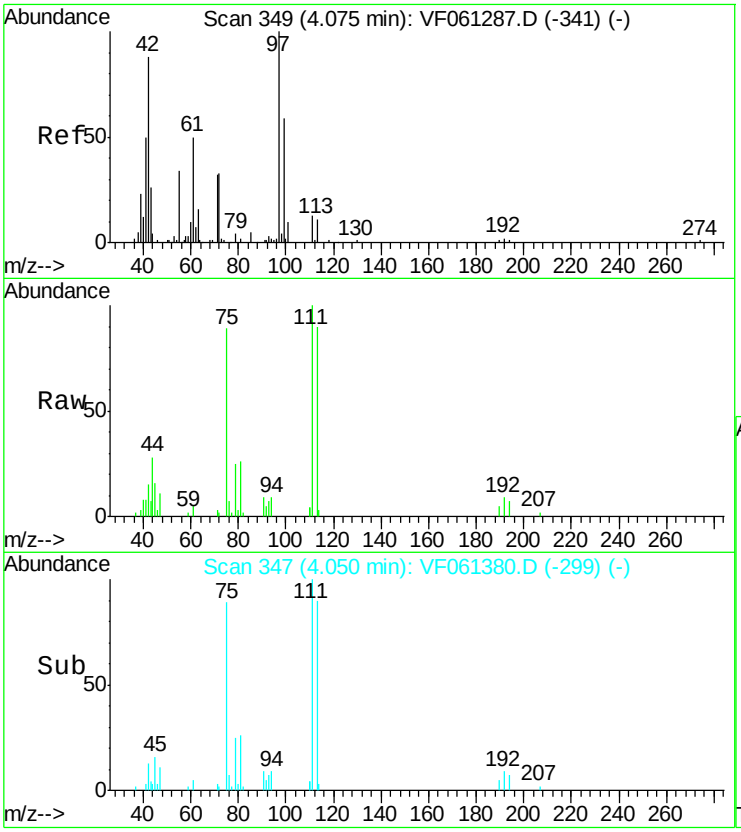


#25
2-Butanone
Concen: 8.663 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 43 Resp: 7143

Ion	Ratio	Lower	Upper
43	100		
72	22.6	16.5	24.7



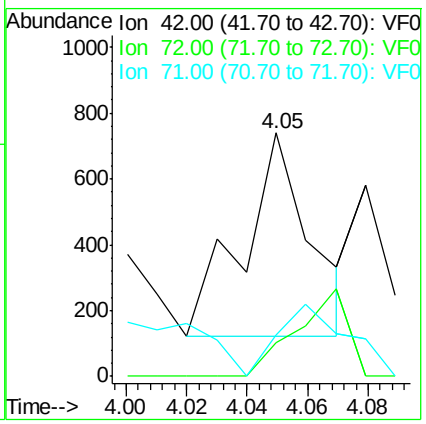


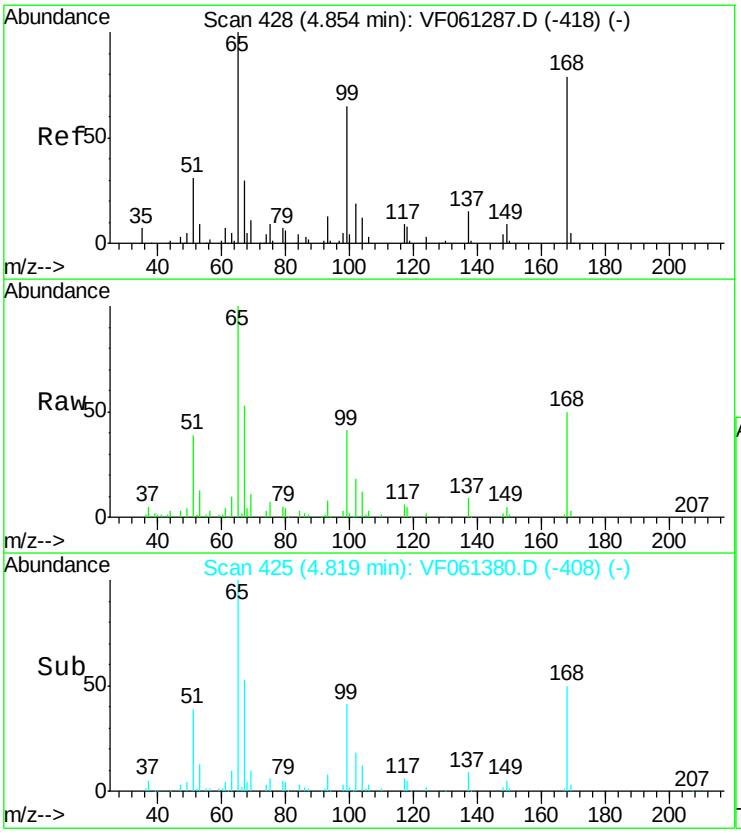
#29
Tetrahydrofuran
Concen: 2.767 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Tgt Ion: 42 Resp: 954

Ion	Ratio	Lower	Upper
42	100		
72	32.4	32.3	48.5
71	36.6	29.5	44.3

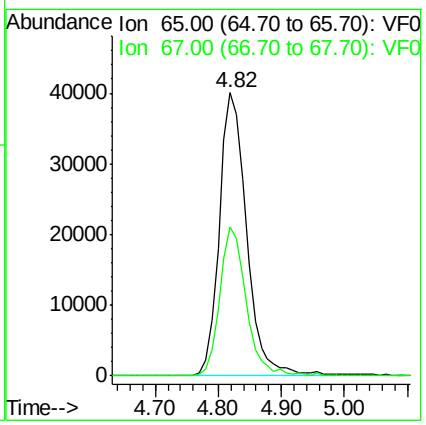


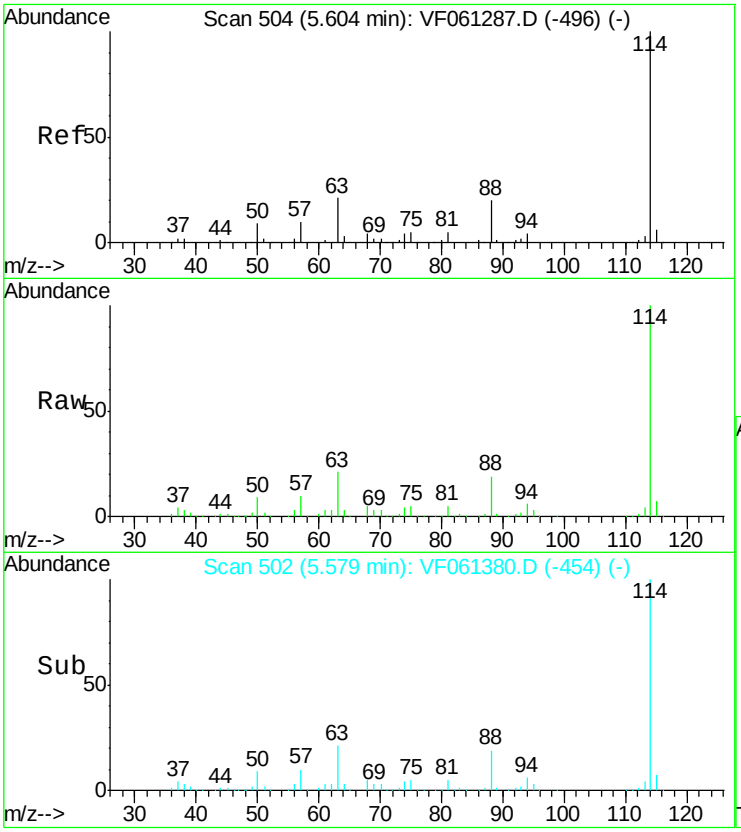


#33
1,2-Dichloroethane-d4
Concen: 54.859 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 65 Resp: 120813

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	98.2



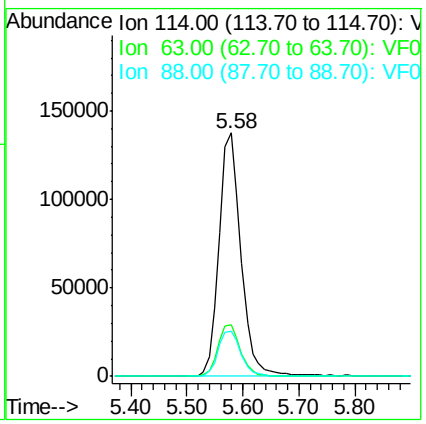


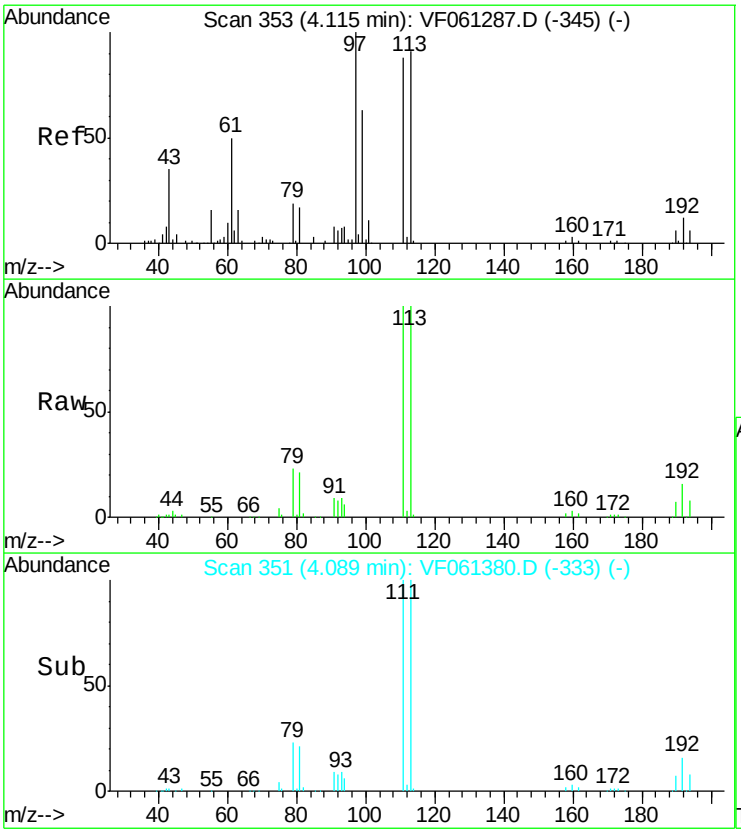
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
BCB-3-1500

Tgt Ion:114 Resp: 377198

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.8
88	18.7	0.0	40.0

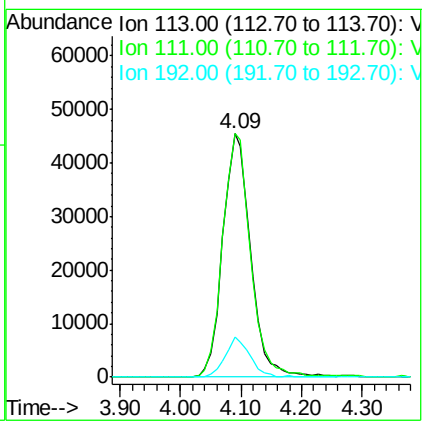


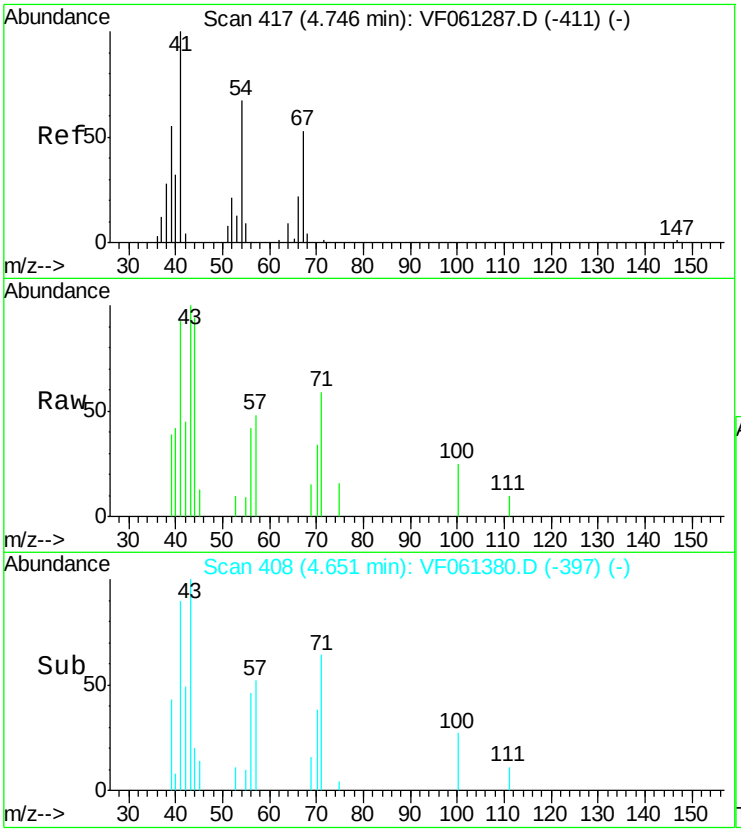


#35
Dibromofluoromethane
Concen: 50.332 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion:113 Resp: 145267

Ion	Ratio	Lower	Upper
113	100		
111	100.2	78.0	117.0
192	16.3	10.6	16.0#



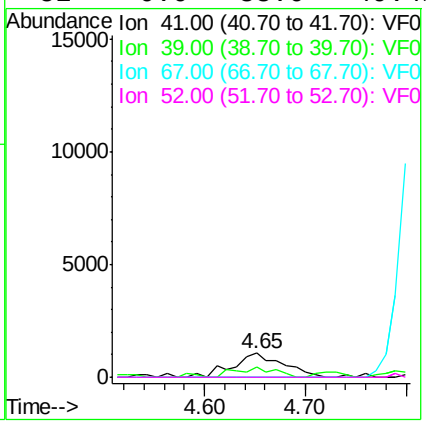


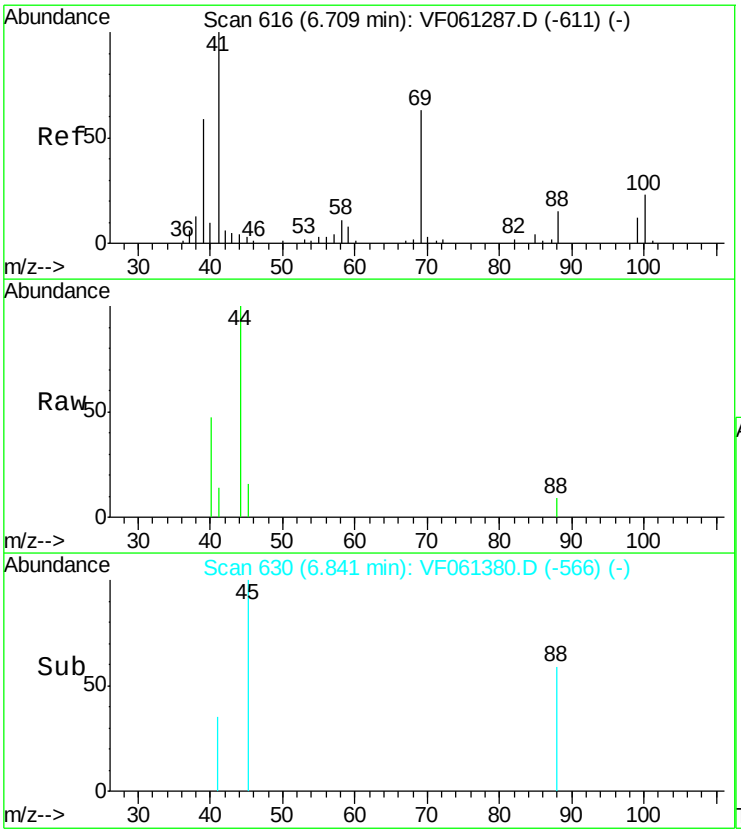
#41
Methacrylonitrile
Concen: 4.081 ug/l
RT: 4.65 min Scan# 408
Delta R.T. -0.09 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Tgt Ion: 41 Resp: 3656

Ion	Ratio	Lower	Upper
41	100		
39	42.4	52.7	79.1#
67	0.0	41.4	62.2#
52	0.0	33.0	49.4#

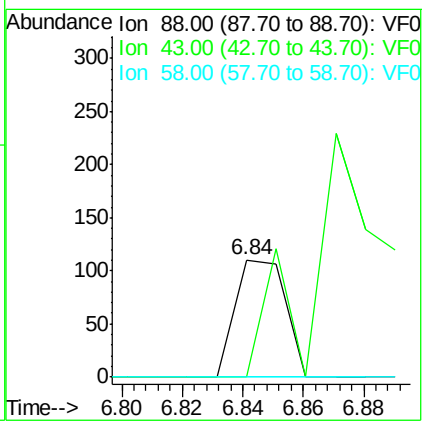


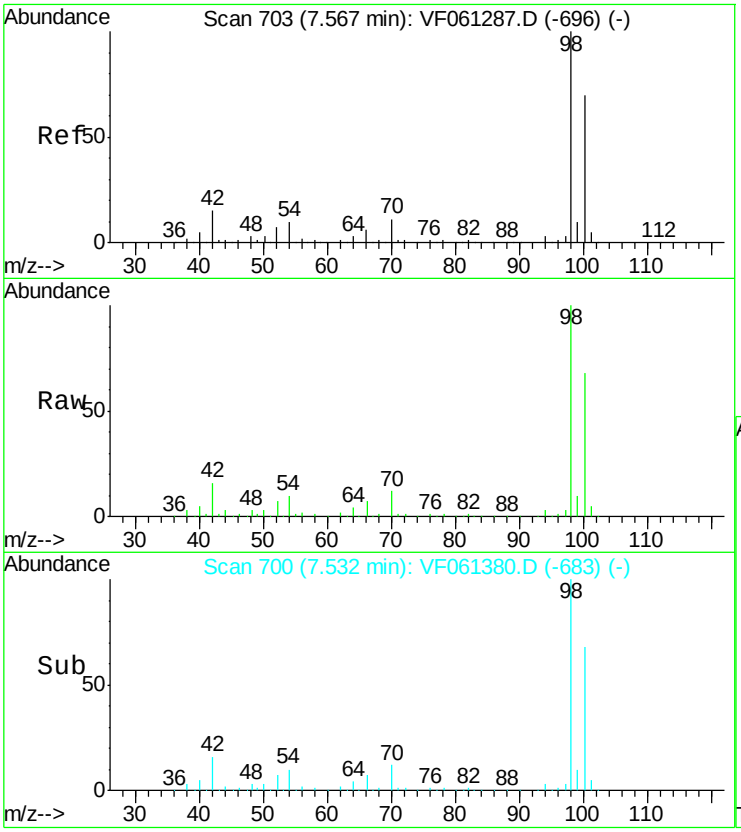


#49
1,4-Dioxane
Concen: 14.758 ug/l
RT: 6.84 min Scan# 630
Delta R.T. 0.13 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
43	0.0	38.5	57.7#
58	0.0	57.0	85.4#



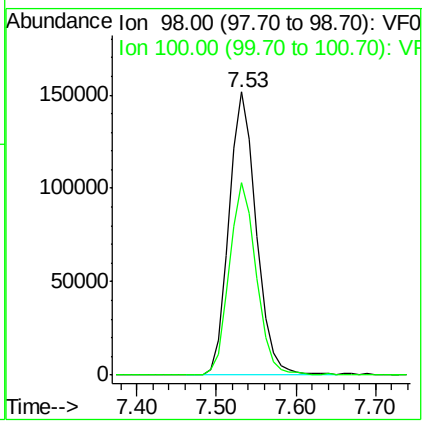


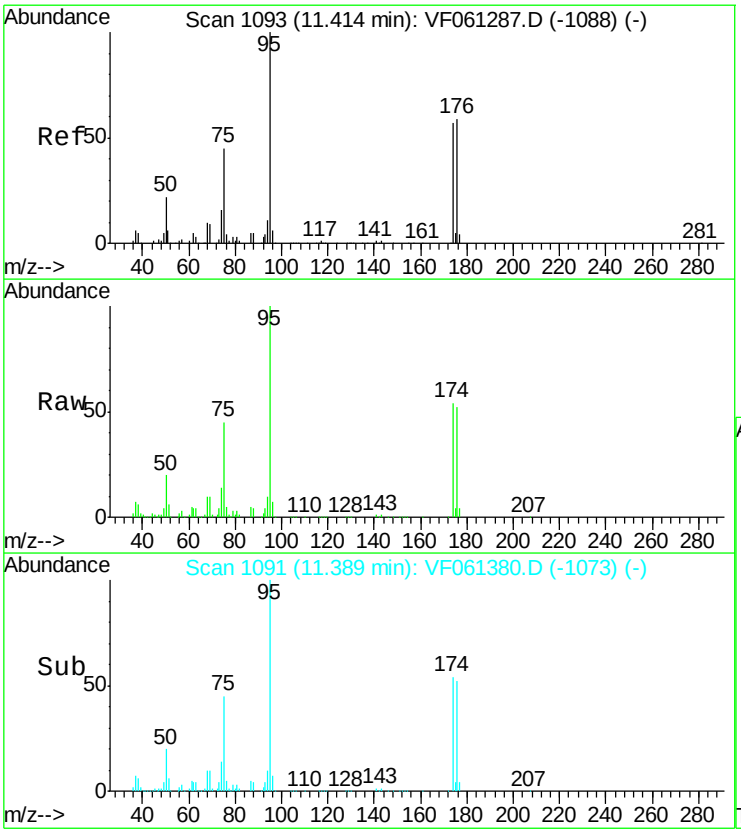
#50
Toluene-d8
Concen: 42.712 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument : MSVOA_F
ClientSampleId : BCB-3-1500

Tgt Ion: 98 Resp: 364804

Ion	Ratio	Lower	Upper
98	100		
100	68.0	55.6	83.4

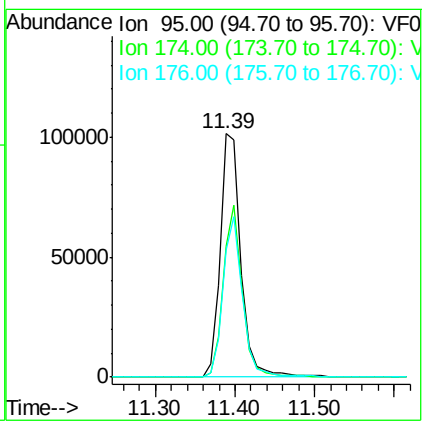


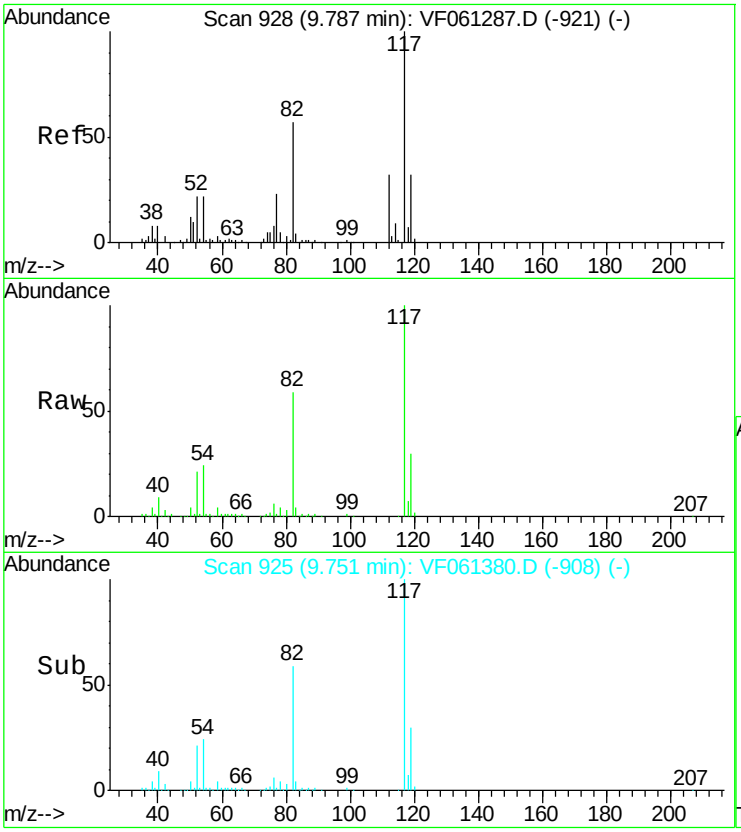


#62
4-Bromofluorobenzene
Concen: 49.996 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 95 Resp: 186458

Ion	Ratio	Lower	Upper
95	100		
174	53.6	0.0	114.2
176	52.4	0.0	117.8



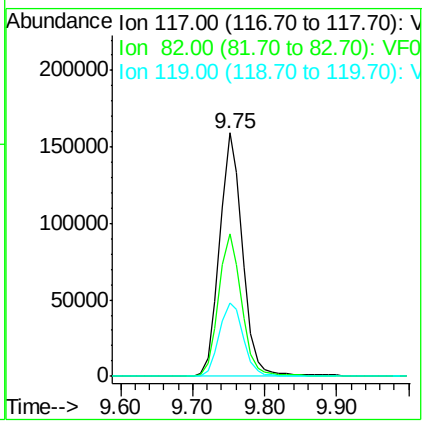


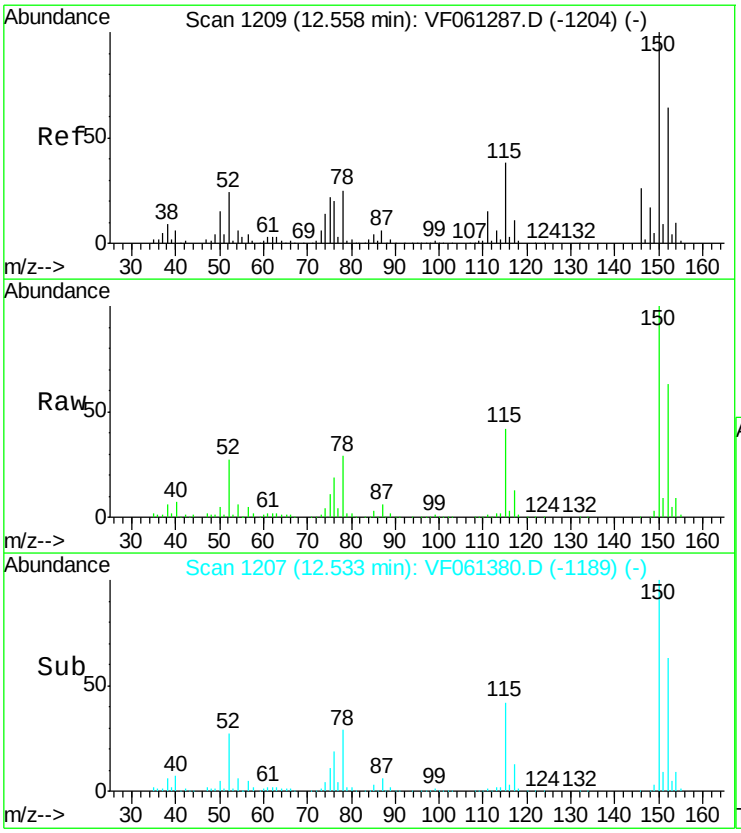
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
BCB-3-1500

Tgt Ion:117 Resp: 351377

Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.3	67.9
119	30.0	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion:152 Resp: 178565

Ion	Ratio	Lower	Upper
152	100		
115	65.9	29.6	88.9
150	158.5	0.0	315.4