Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
Data File : VF061599.D
Acq On : 11 Feb 2019 21:29
Operator : VA/AP
Sample : K1458-08RE
Misc : 5.01g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Feb 12 03:29:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	159288	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	283878	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	222940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	72189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	108051	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.88%			
35) Dibromofluoromethane	4.09	113	109371	48.83	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.66%			
50) Toluene-d8	7.53	98	228383	37.21	ug/l	-0.02
Spiked Amount 50.000			Recovery = 74.42%			
62) 4-Bromofluorobenzene	11.40	95	90776	31.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.32%			
Target Compounds						Qvalue
13) Acrolein	2.00	56	287	14.174	ug/l	85
14) Allyl chloride	2.09	41	430	Below Cal	#	79
16) Acetone	2.22	43	23320	59.109	ug/l #	92
18) Methyl Acetate	2.36	43	4814	6.153	ug/l #	61
20) Methylene Chloride	2.16	84	2093	Below Cal	#	72
23) Vinyl Acetate	3.18	43	110	3.243	ug/l #	78
25) 2-Butanone	4.32	43	4301	6.556	ug/l	92
29) Tetrahydrofuran	4.07	42	328	1.161	ug/l #	59
56) Ethyl methacrylate	8.62	69	4402	2.763	ug/l #	68

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

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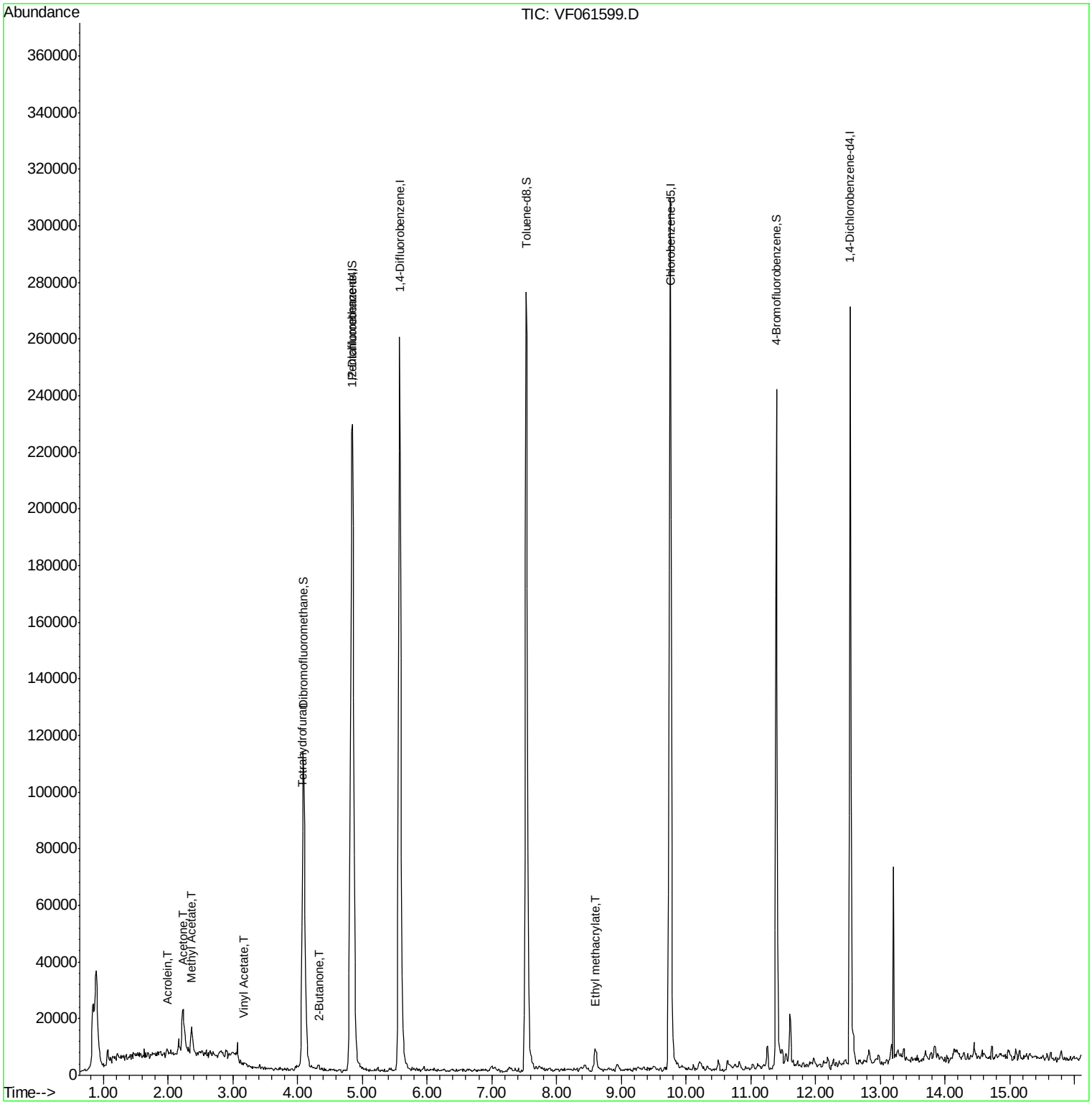
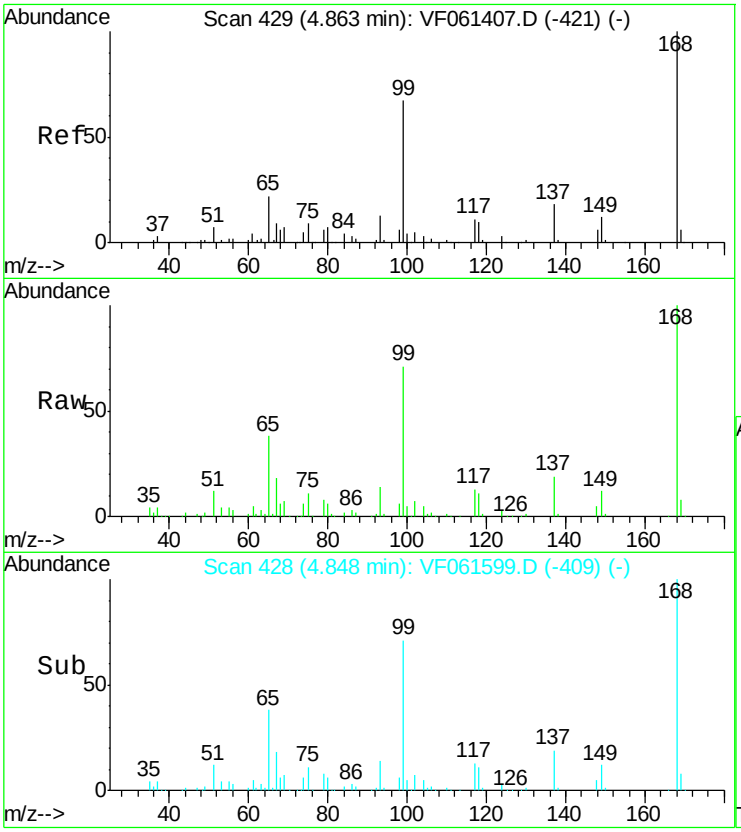


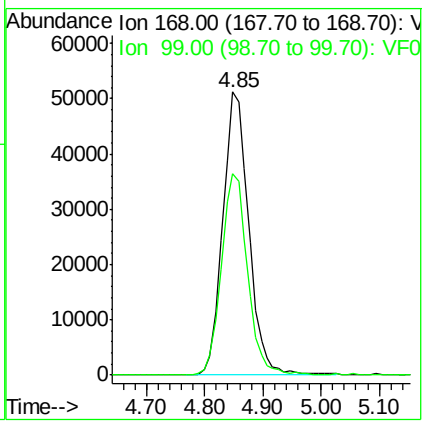


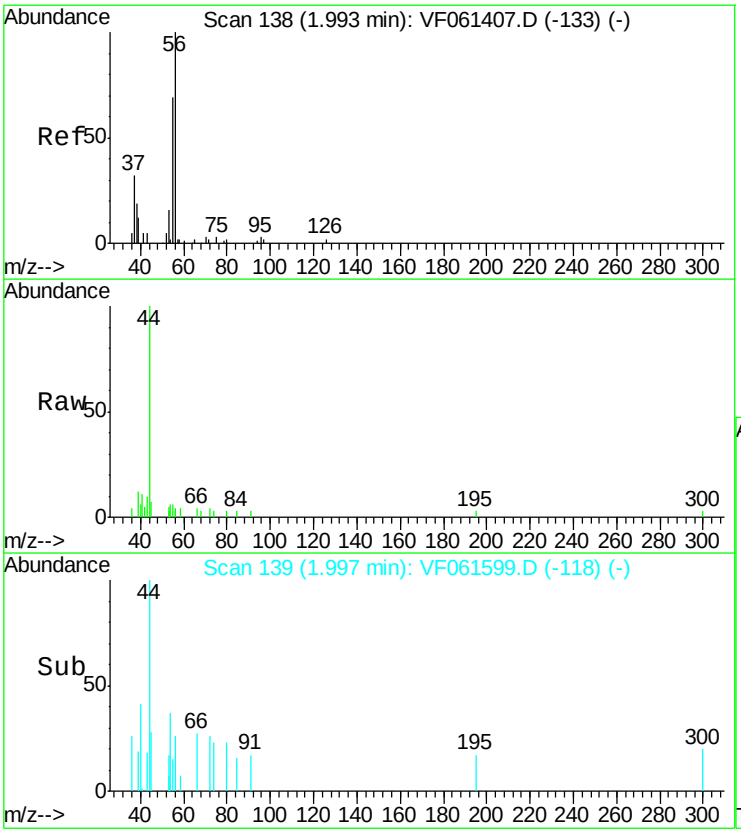
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 159288

Ion	Ratio	Lower	Upper
168	100		
99	71.0	53.5	80.3

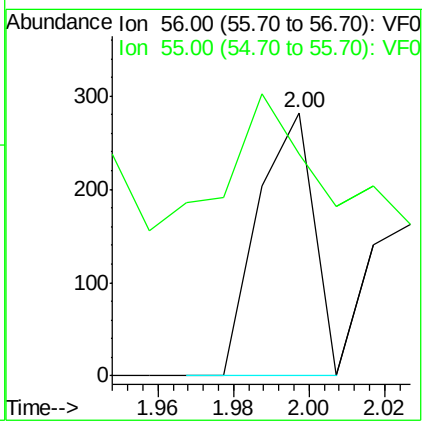


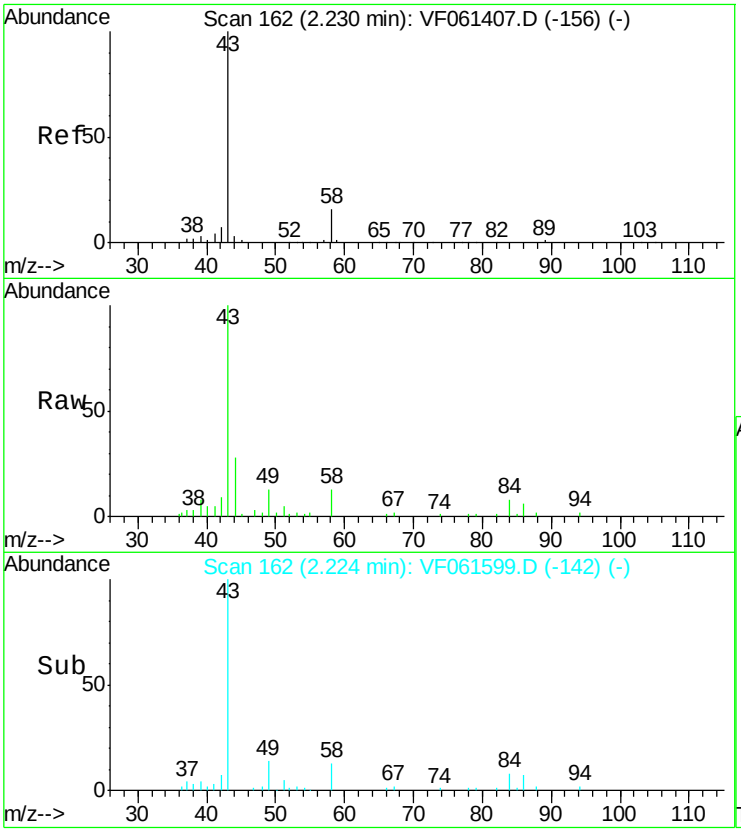


#13
Acrolein
Concen: 14.174 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion: 56 Resp: 287

Ion	Ratio	Lower	Upper
56	100		
55	84.4	57.5	86.3



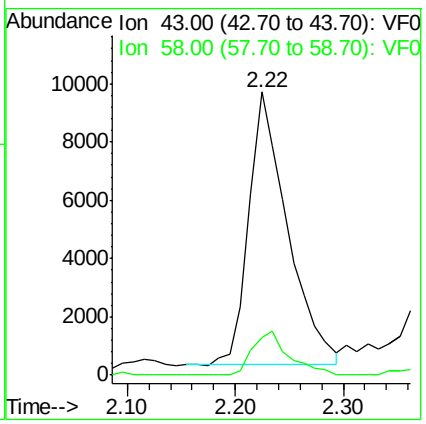


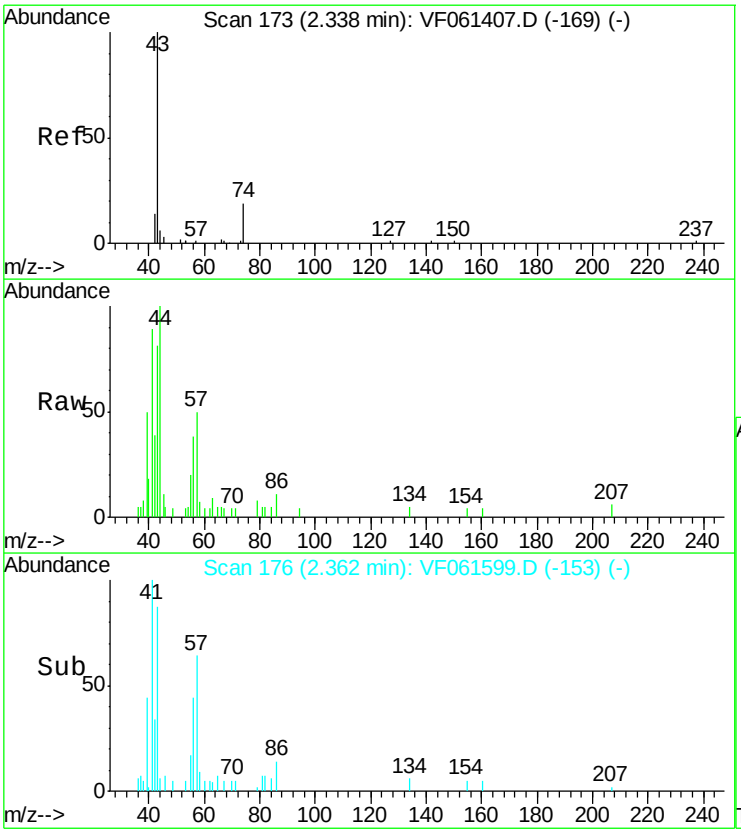
#16
Acetone
Concen: 59.109 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 23320

Ion	Ratio	Lower	Upper
43	100		
58	13.2	13.3	19.9#

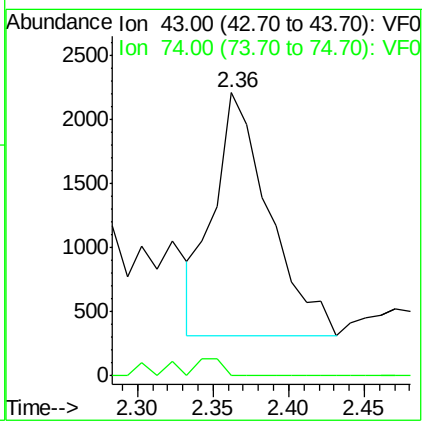


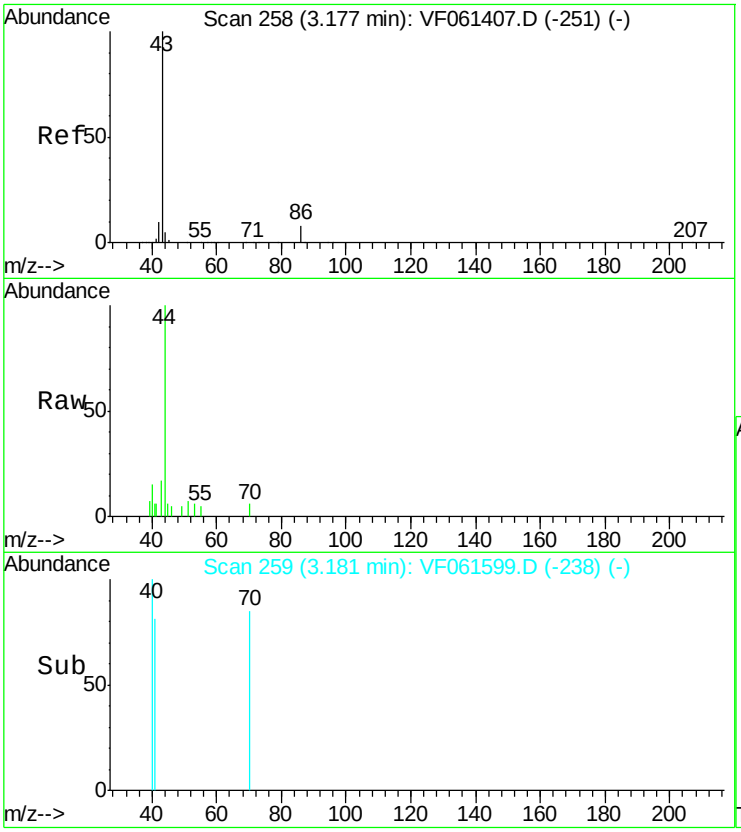


#18
Methyl Acetate
Concen: 6.153 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion: 43 Resp: 4814

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



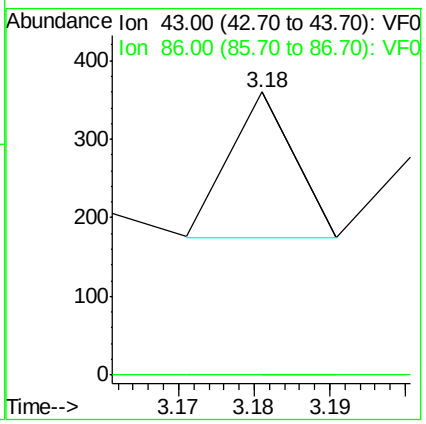


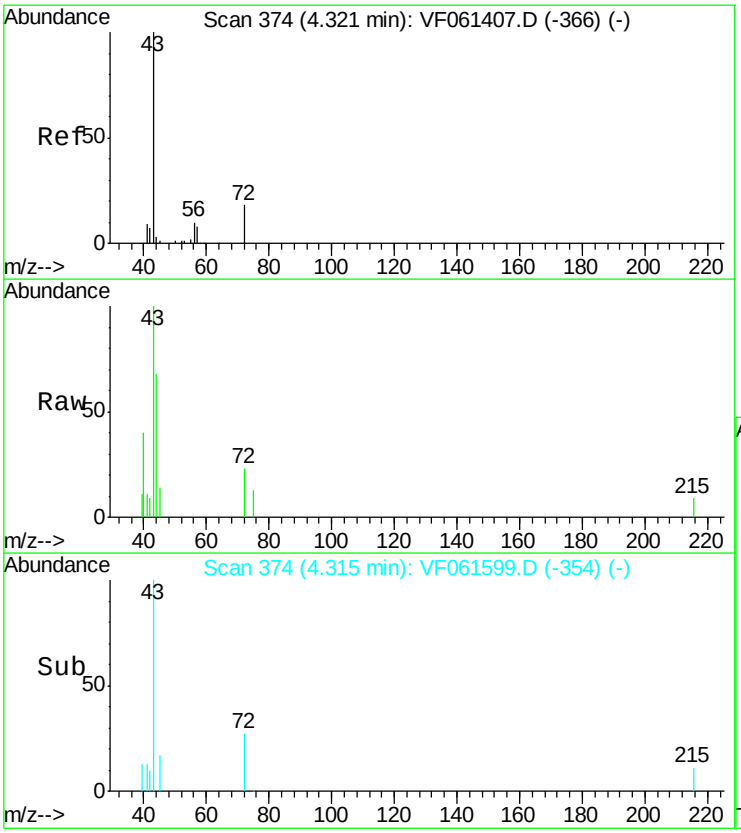
#23
Vinyl Acetate
Concen: 3.243 ug/l
RT: 3.18 min Scan# 259
Delta R.T. 0.00 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 110

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

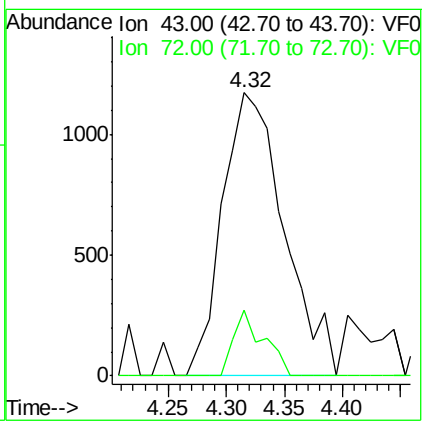


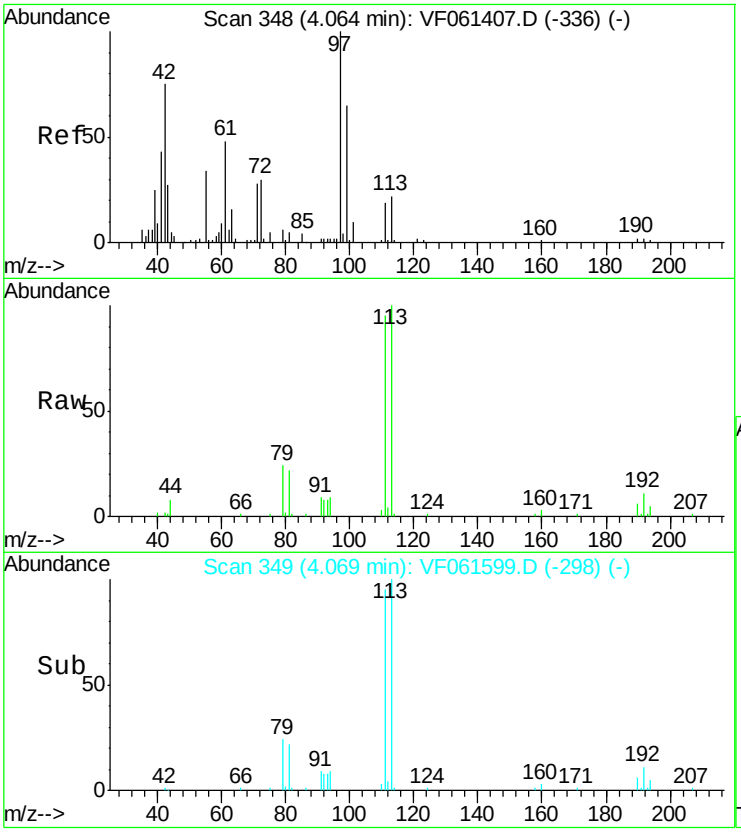


#25
2-Butanone
Concen: 6.556 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion: 43 Resp: 4301

Ion	Ratio	Lower	Upper
43	100		
72	23.3	15.8	23.6



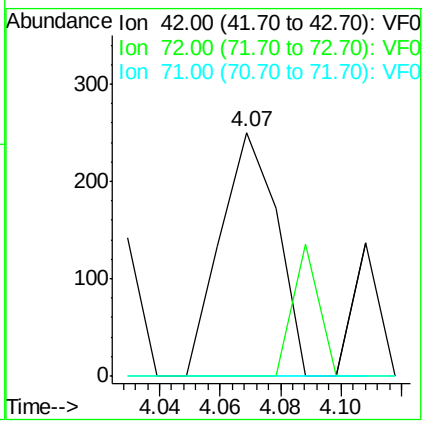


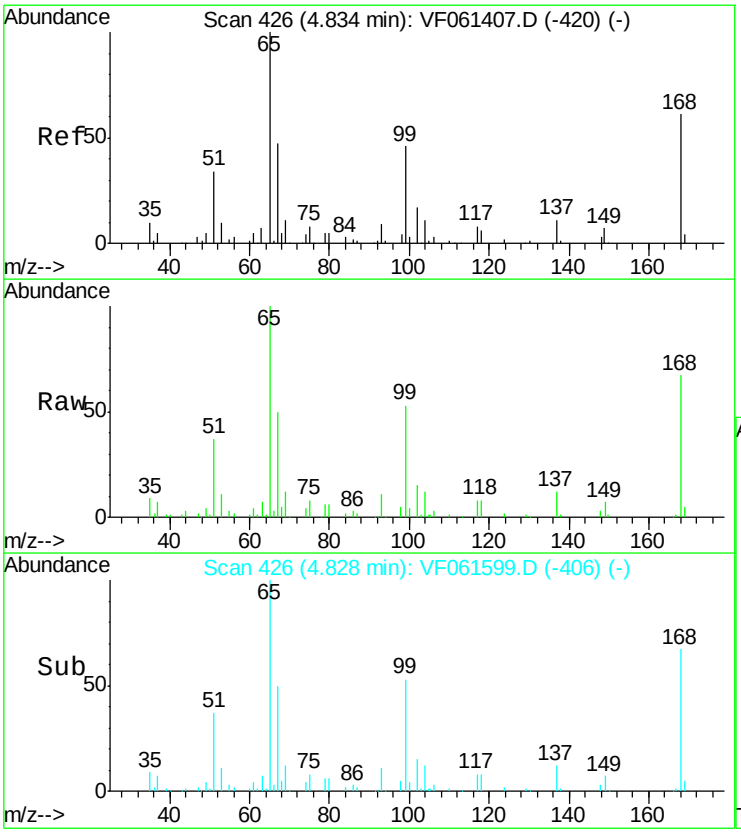
#29
Tetrahydrofuran
Concen: 1.161 ug/l
RT: 4.07 min Scan# 349
Delta R.T. 0.00 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 328

Ion	Ratio	Lower	Upper
42	100		
72	24.4	28.9	43.3#
71	0.0	29.6	44.4#

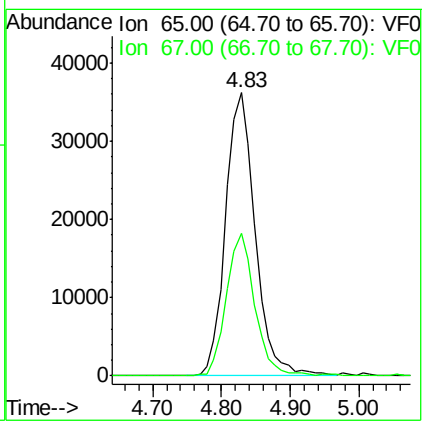


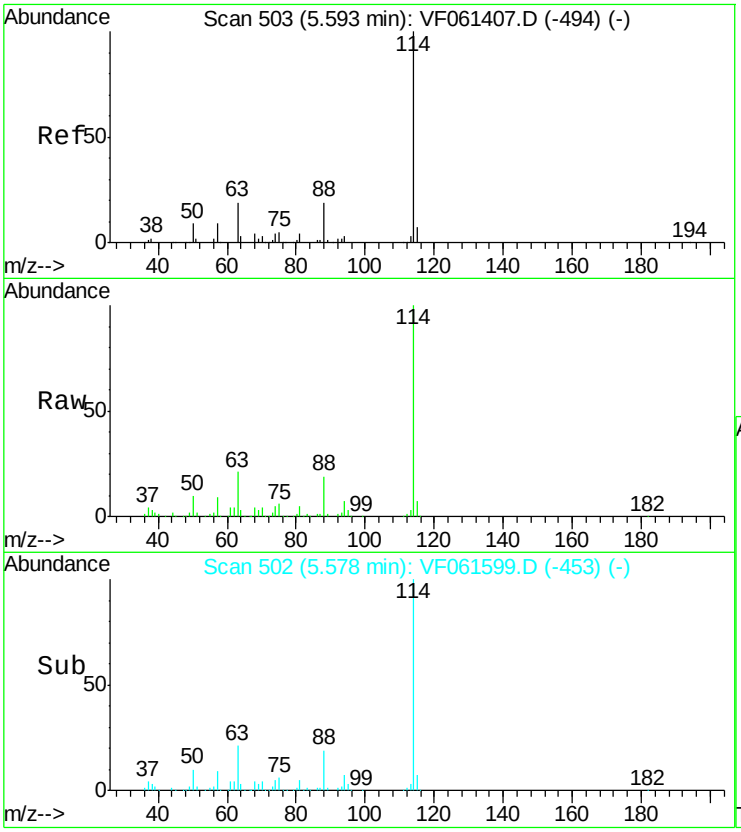


#33
1,2-Dichloroethane-d4
Concen: 54.943 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion: 65 Resp: 108051

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.8



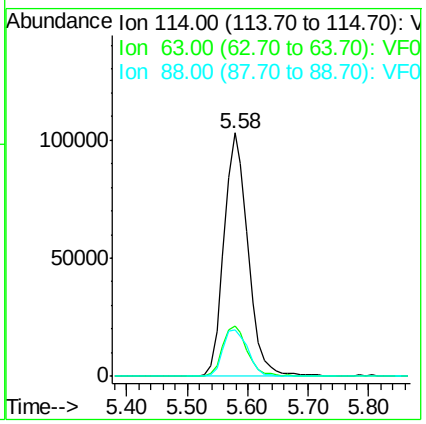


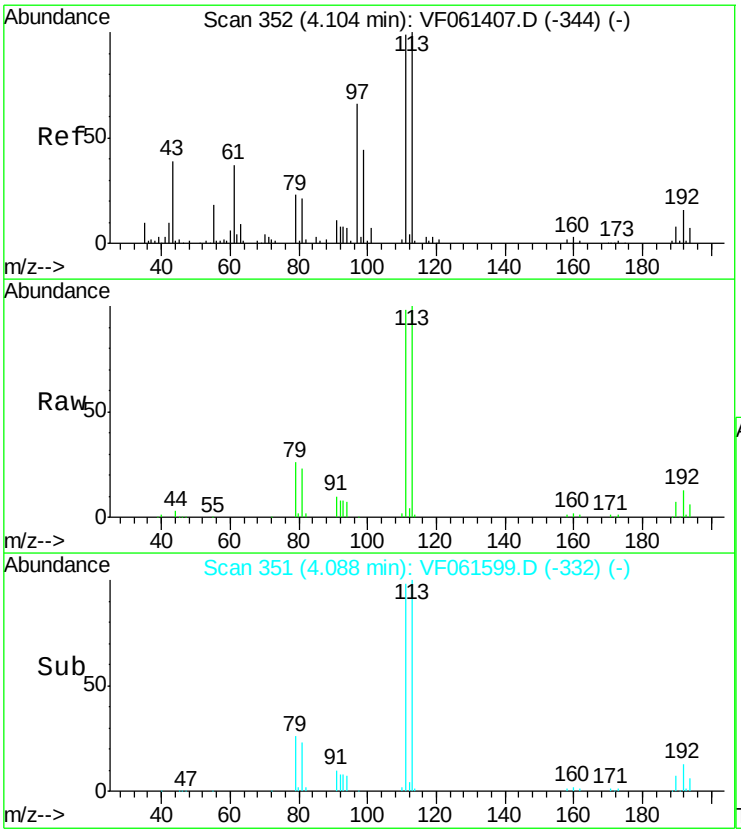
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 283878

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	19.3	0.0	37.4

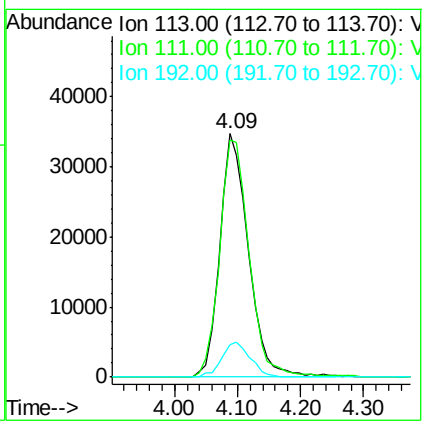


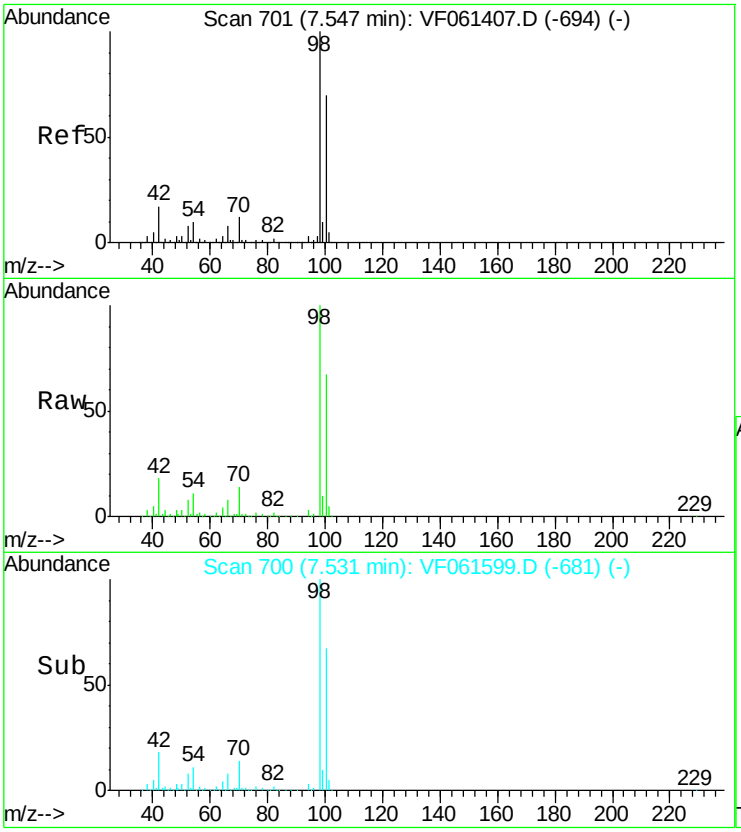


#35
Dibromofluoromethane
Concen: 48.825 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion:113 Resp: 109371

Ion	Ratio	Lower	Upper
113	100		
111	97.6	79.4	119.0
192	13.7	12.4	18.6



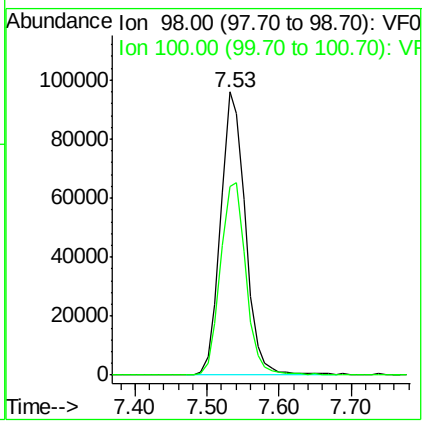


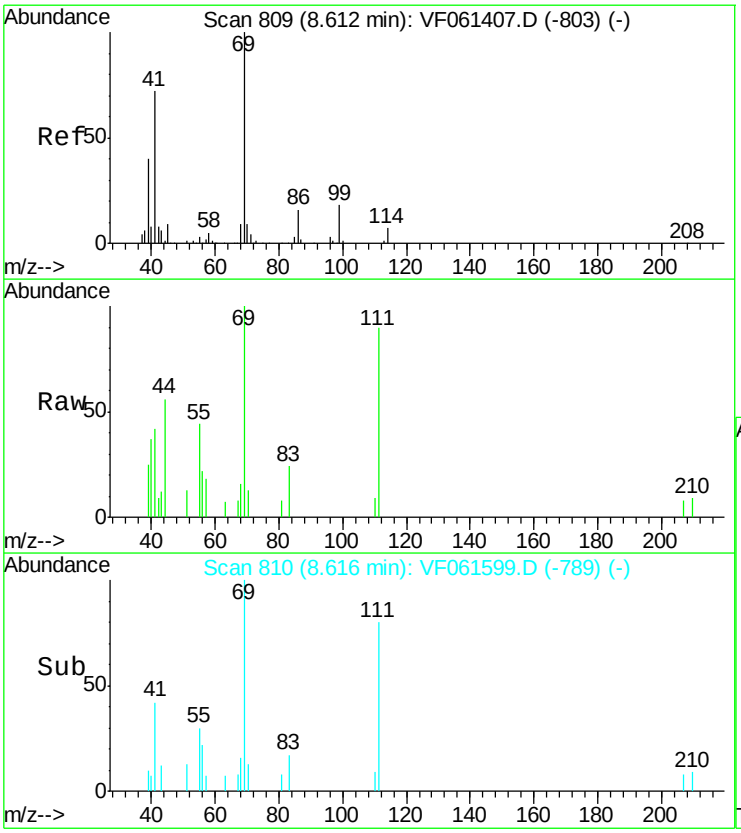
#50
Toluene-d8
Concen: 37.212 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 228383

Ion	Ratio	Lower	Upper
98	100		
100	66.7	55.6	83.4

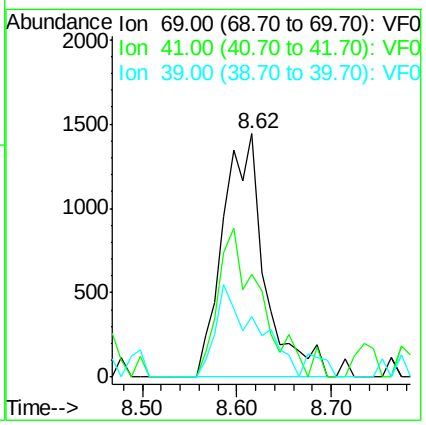


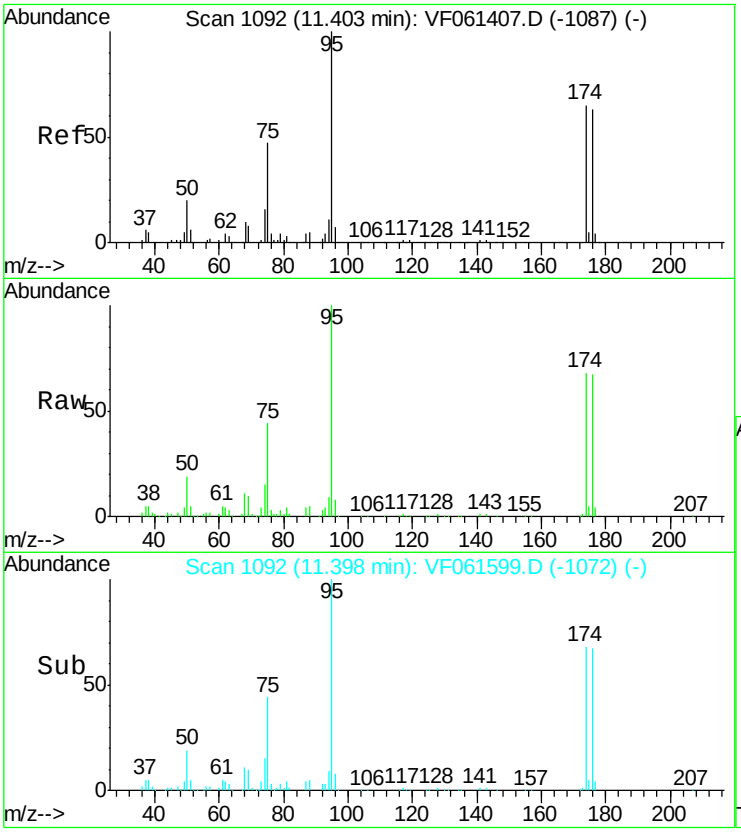


#56
Ethyl methacrylate
Concen: 2.763 ug/l
RT: 8.62 min Scan# 810
Delta R.T. 0.00 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion: 69 Resp: 4402

Ion	Ratio	Lower	Upper
69	100		
41	42.1	57.5	86.3#
39	24.9	32.0	48.0#



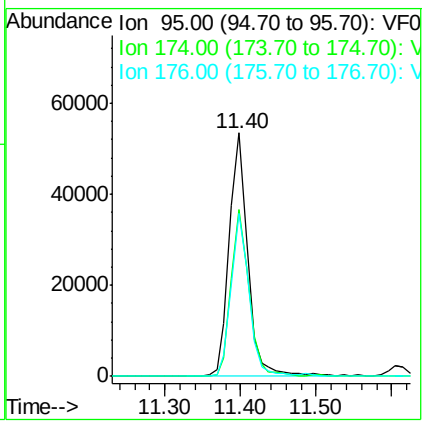


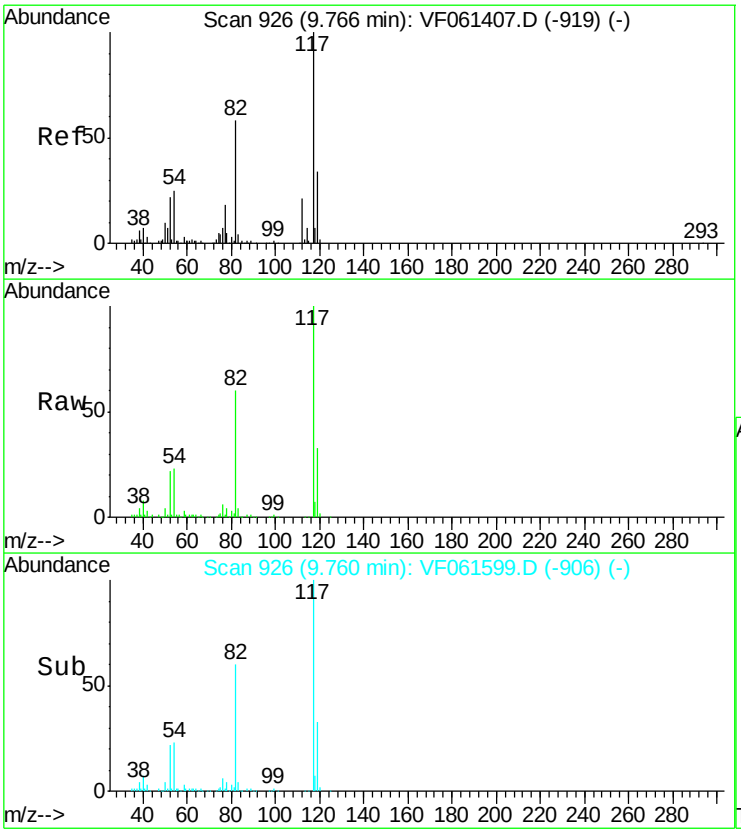
#62
4-Bromofluorobenzene
Concen: 31.657 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 90776

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	130.4
176	66.9	0.0	126.2

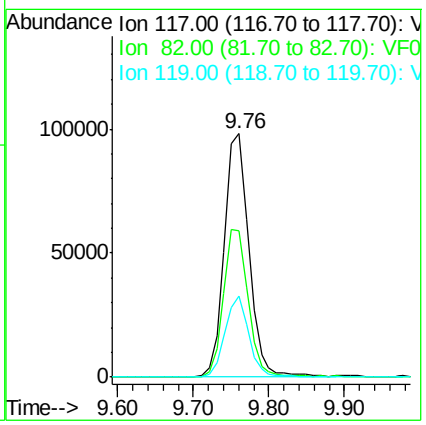


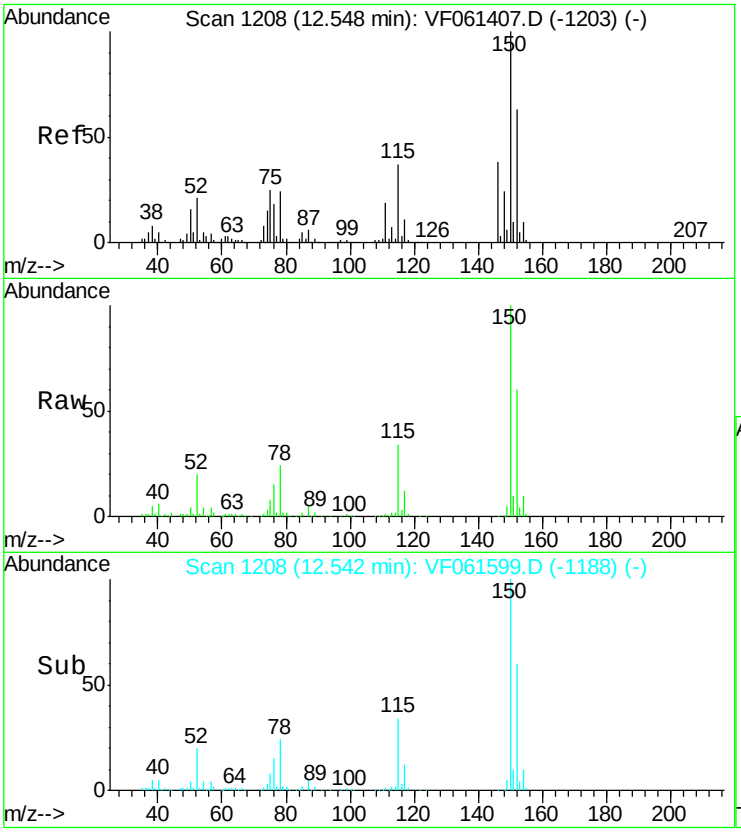


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Tgt Ion:117 Resp: 222940

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.4	69.6
119	33.5	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061599.D
Acq: 11 Feb 2019 21:29

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 72189

Ion	Ratio	Lower	Upper
152	100		
115	56.4	30.0	90.0
150	165.9	0.0	321.4