Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030419\
Data File : VF061837.D
Acq On : 5 Mar 2019 00:11
Operator : VA/AP
Sample : K1712-05
Misc : 5.52g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Quant Time: Mar 05 05:05:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:04:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	226750	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	347393	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	262647	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	100641	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	93289	56.10	ug/l	-0.02
Spiked Amount 50.000			Recovery = 112.20%			
35) Dibromofluoromethane	4.11	113	115196	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.30%			
50) Toluene-d8	7.54	98	279111	37.64	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.28%			
62) 4-Bromofluorobenzene	11.41	95	102998	34.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.64%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	1336	1.731	ug/l	85
11) Tert butyl alcohol	2.58	59	422	4.385	ug/l #	1
13) Acrolein	2.08	56	196	1.621	ug/l	100
16) Acetone	2.23	43	23027	64.545	ug/l	98
18) Methyl Acetate	2.38	43	3595	4.473	ug/l #	59
20) Methylene Chloride	2.18	84	7331	3.402	ug/l #	93
25) 2-Butanone	4.36	43	3138	4.027	ug/l #	55
29) Tetrahydrofuran	4.09	42	2308	6.516	ug/l #	79
51) 4-Methyl-2-Pentanone	8.26	43	4015	2.970	ug/l #	34
56) Ethyl methacrylate	8.62	69	2682	1.502	ug/l #	64
59) 2-Hexanone	9.50	43	1142	1.205	ug/l	79
68) m/p-Xylenes	10.13	106	3945	1.163	ug/l	80

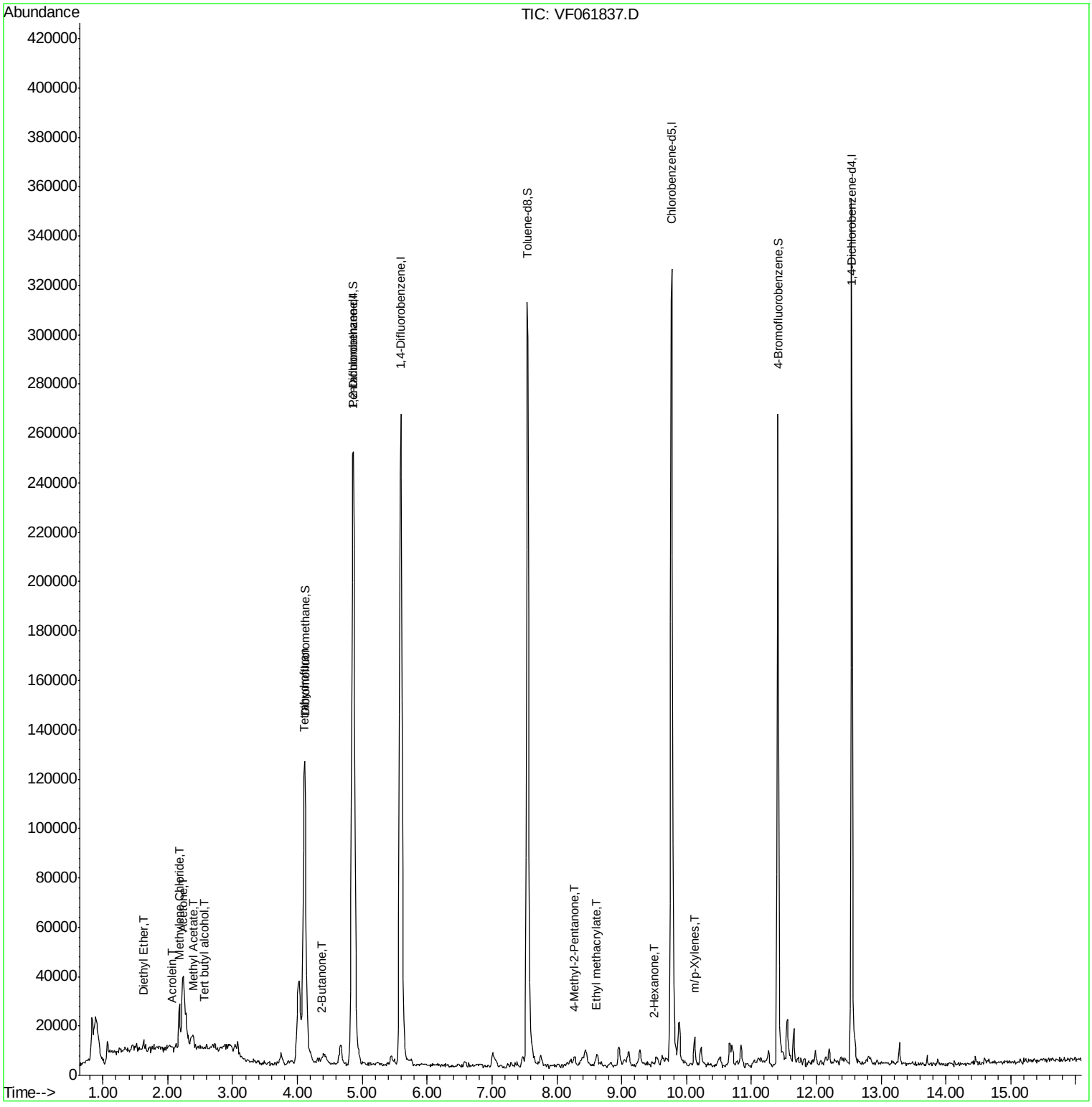
(#) = qualifier out of range (m) = manual integration (+) = signals summed

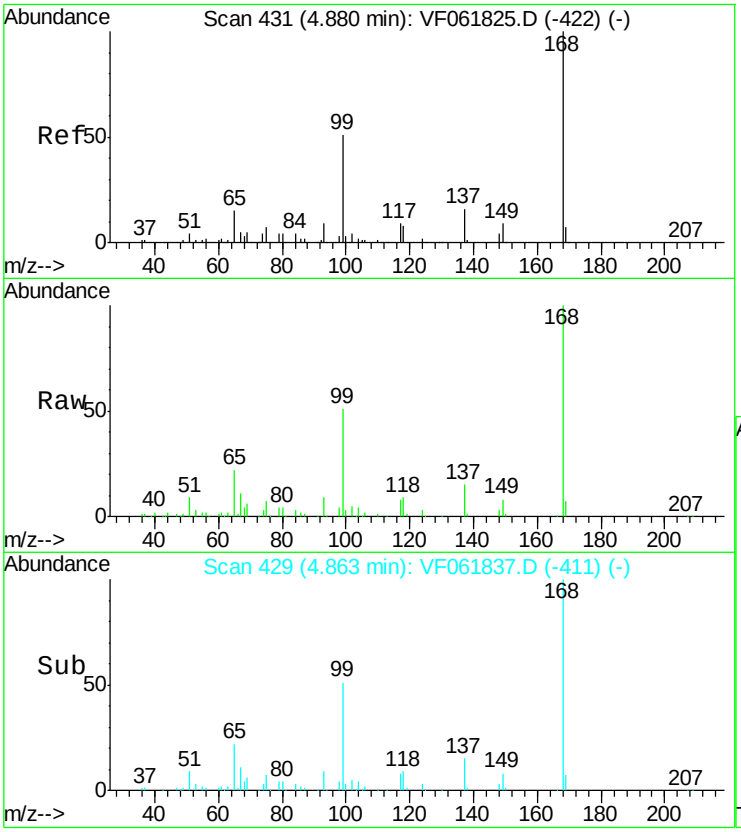
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
Data File : VF061837.D
Acq On : 5 Mar 2019 00:11
Operator : VA/AP
Sample : K1712-05
Misc : 5.52g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
Z-4-2-AB

Quant Time: Mar 05 05:05:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:04:51 2019
Response via : Initial Calibration



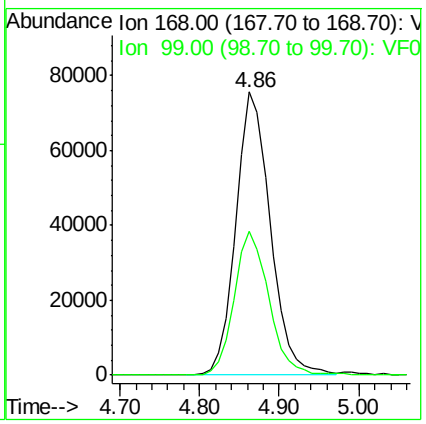


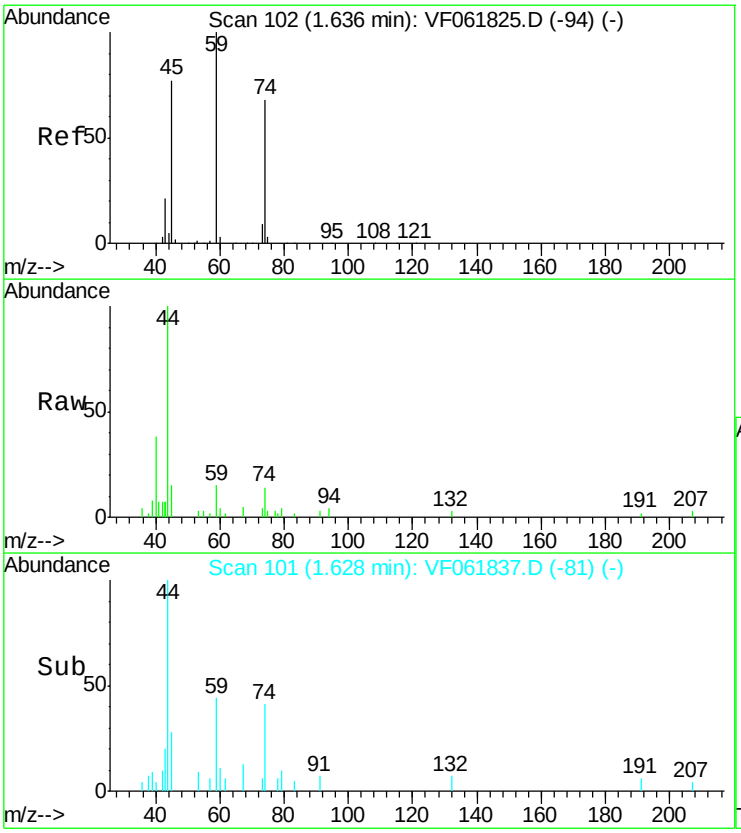
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument :
MSVOA_F
ClientSampleId :
Z-4-2-AB

Tgt Ion:168 Resp: 226750

Ion	Ratio	Lower	Upper
168	100		
99	50.9	34.9	52.3

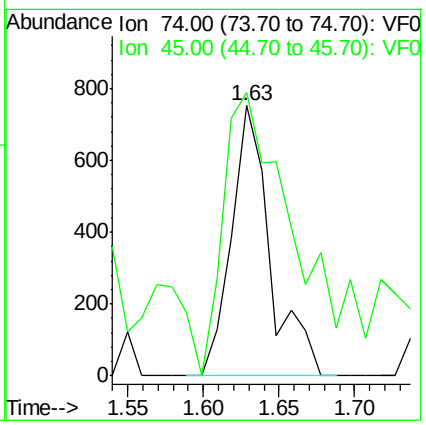


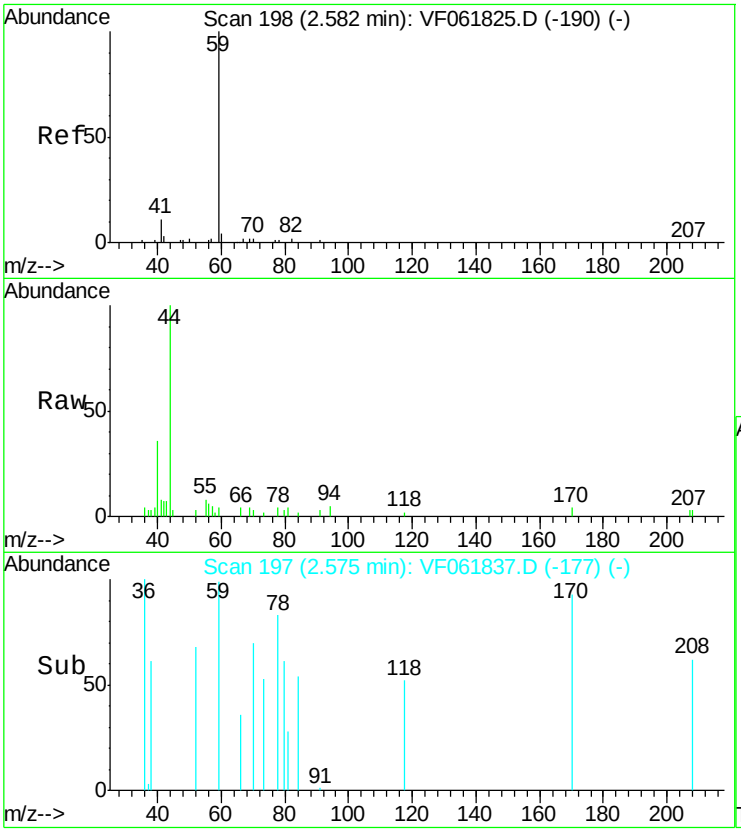


#8
Diethyl Ether
Concen: 1.731 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion: 74 Resp: 1336

Ion	Ratio	Lower	Upper
74	100		
45	104.6	60.8	182.3



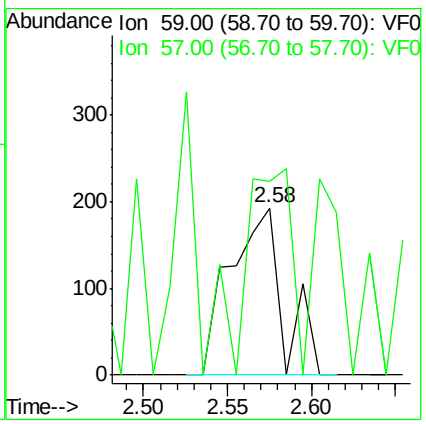


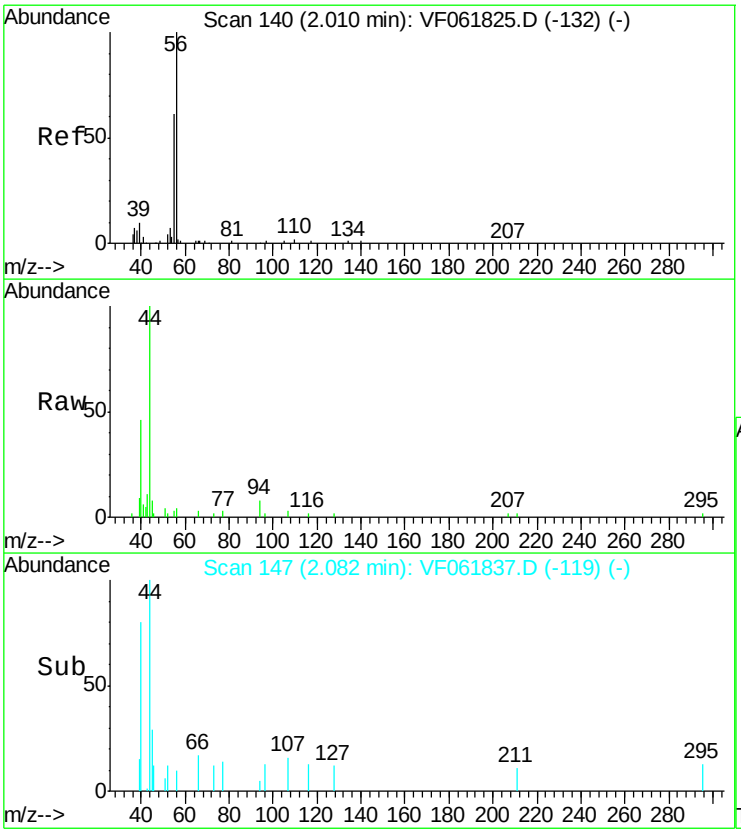
#11
Tert butyl alcohol
Concen: 4.385 ug/l
RT: 2.58 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Tgt Ion: 59 Resp: 422

Ion	Ratio	Lower	Upper
59	100		
57	116.1	12.5	18.7#

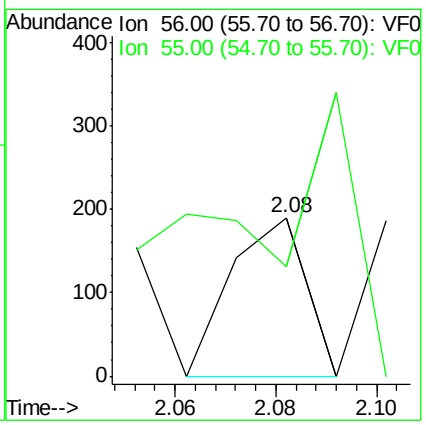


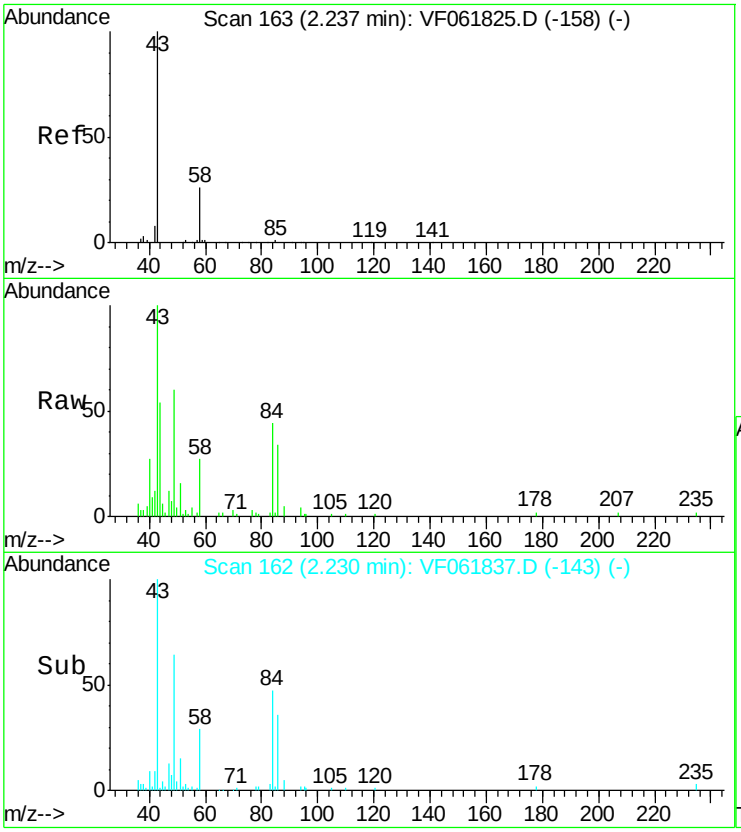


#13
Acrolein
Concen: 1.621 ug/l
RT: 2.08 min Scan# 147
Delta R.T. 0.07 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion: 56 Resp: 196

Ion	Ratio	Lower	Upper
56	100		
55	68.9	55.0	82.6



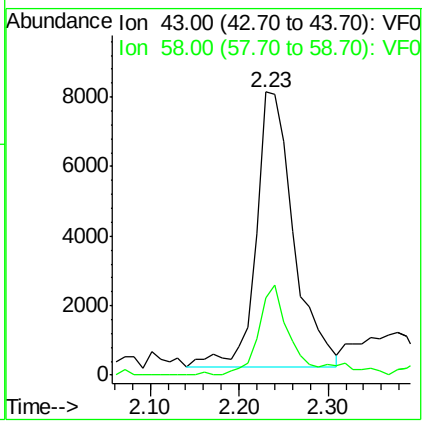


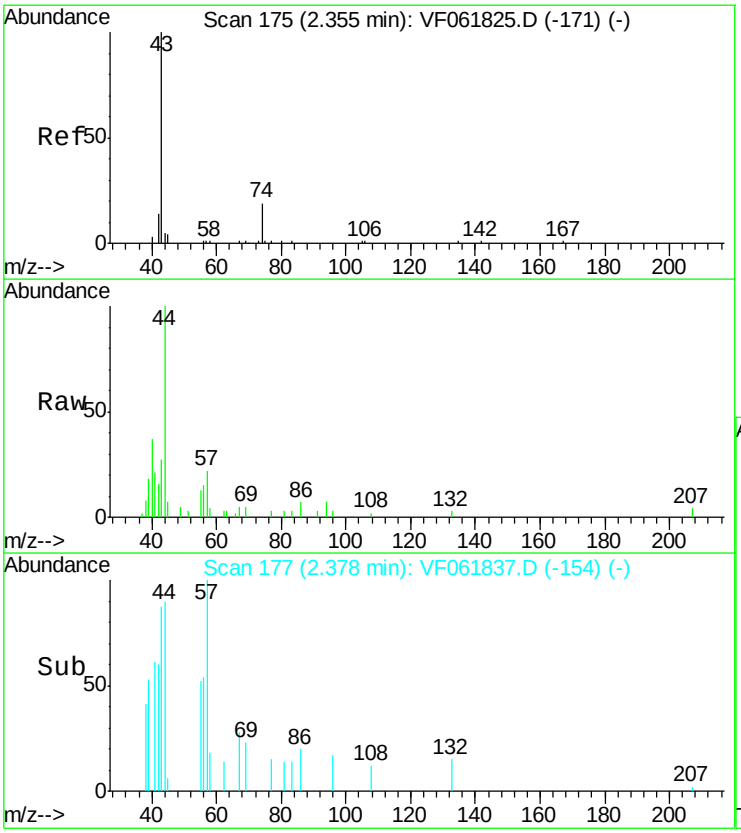
#16
Acetone
Concen: 64.545 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Tgt Ion: 43 Resp: 23027

Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.9	34.3

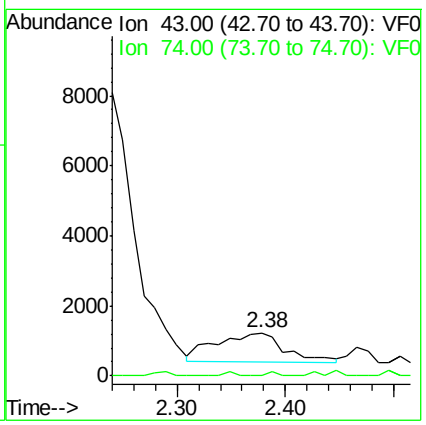


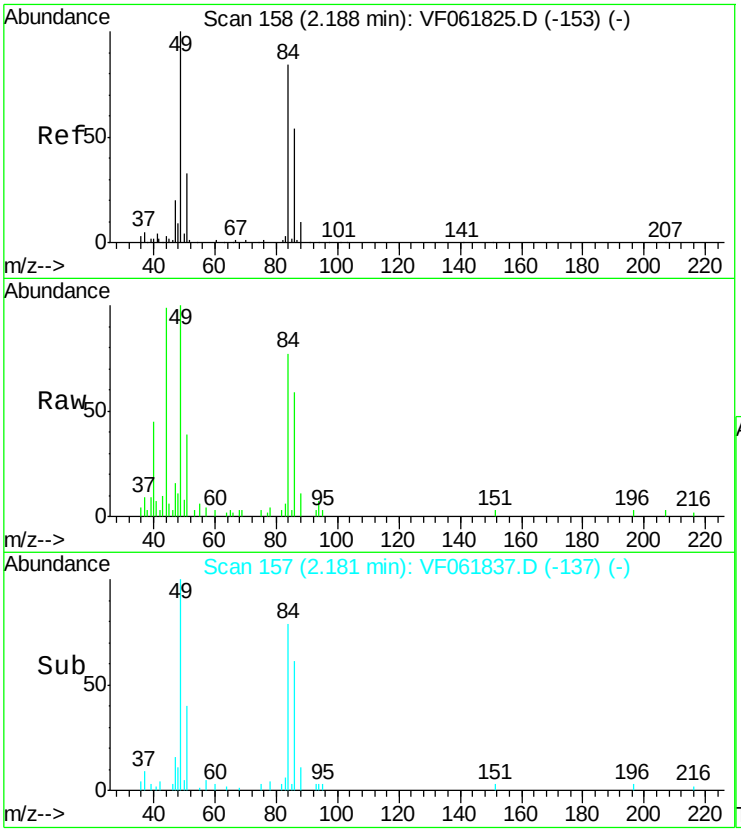


#18
Methyl Acetate
Concen: 4.473 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion: 43 Resp: 3595

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#



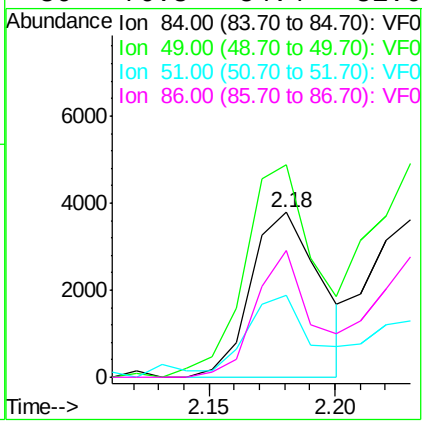


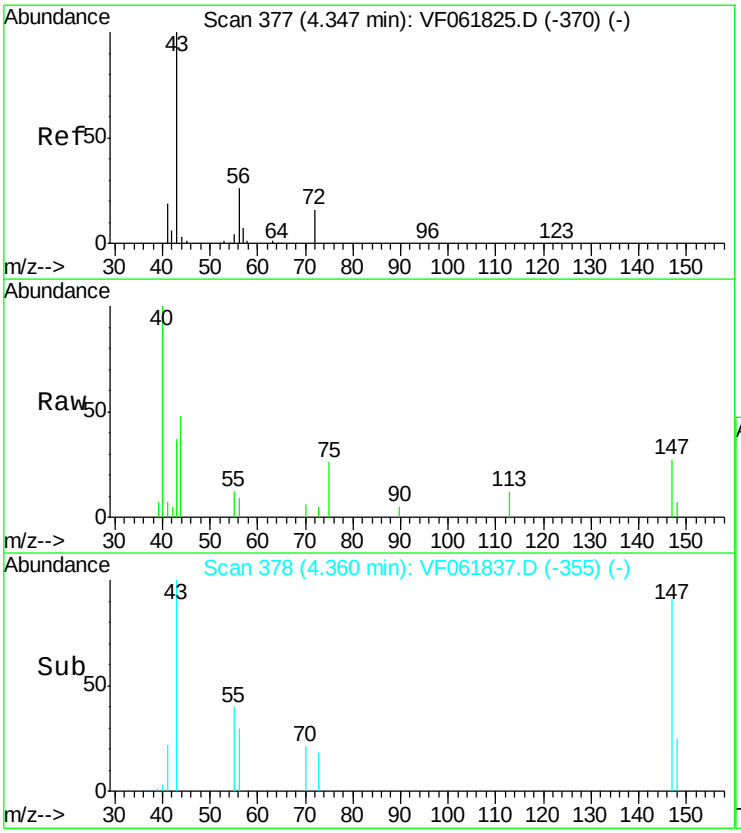
#20
Methylene Chloride
Concen: 3.402 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Tgt Ion: 84 Resp: 7331

Ion	Ratio	Lower	Upper
84	100		
49	129.3	101.8	152.8
51	49.9	31.1	46.7#
86	76.8	54.4	81.6

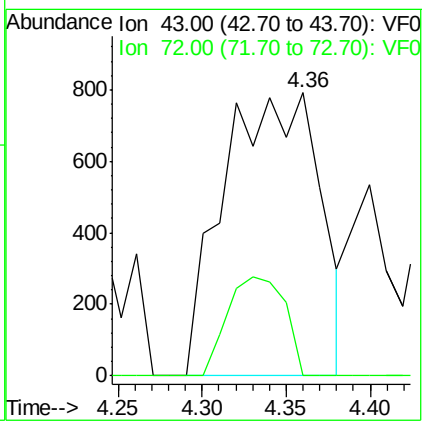


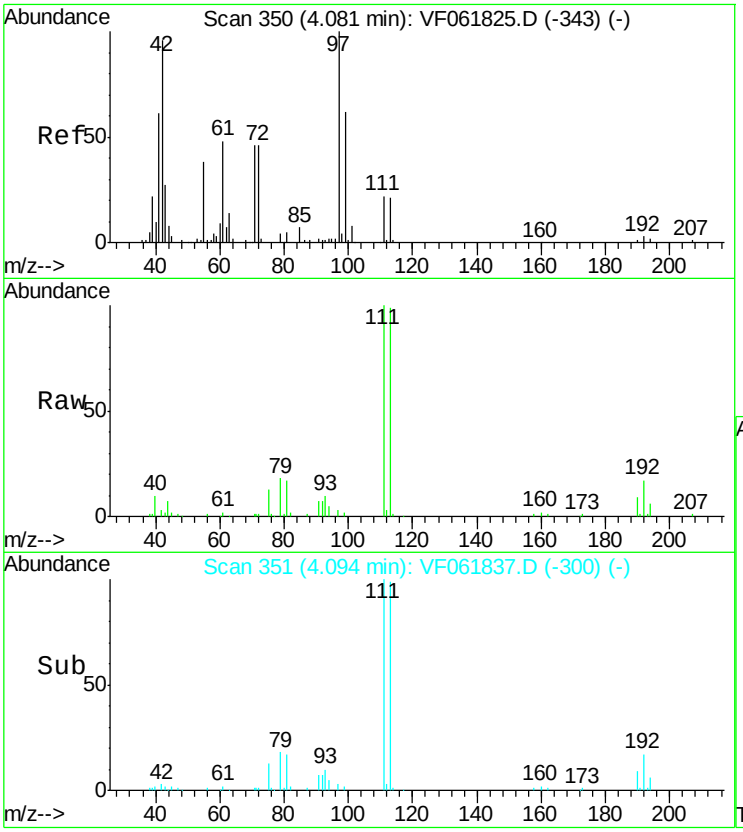


#25
2-Butanone
Concen: 4.027 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion: 43 Resp: 3138

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#



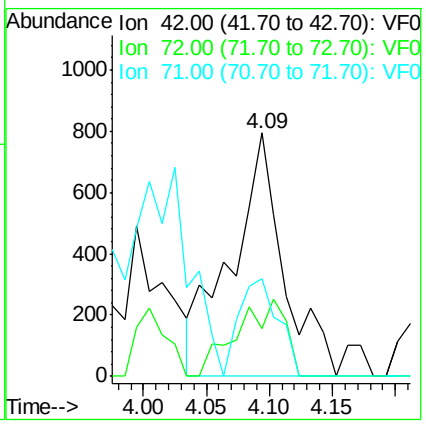


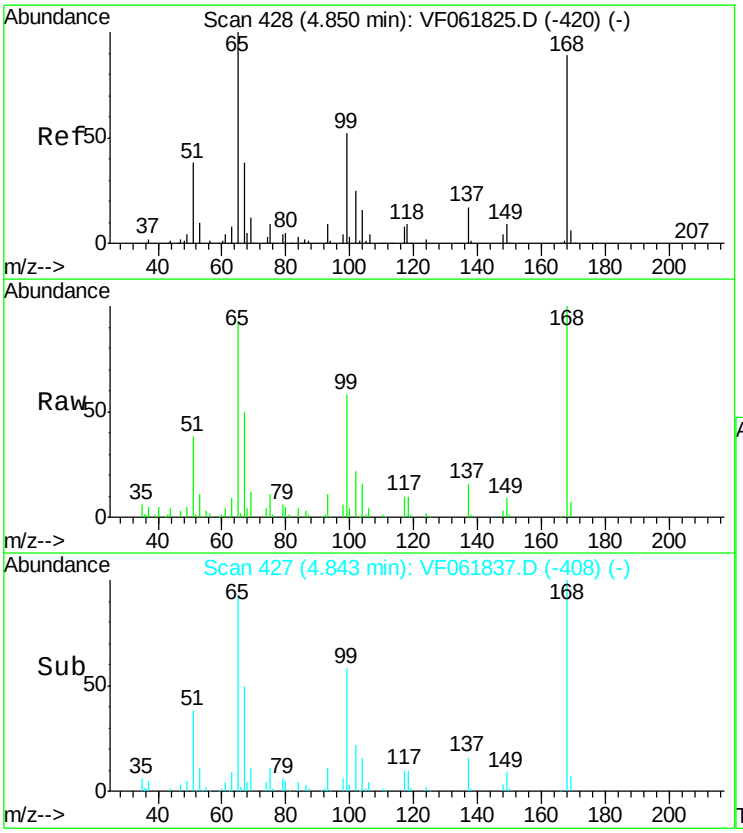
#29
Tetrahydrofuran
Concen: 6.516 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.00 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Tgt Ion: 42 Resp: 2308

Ion	Ratio	Lower	Upper
42	100		
72	29.2	35.2	52.8#
71	29.7	32.9	49.3#

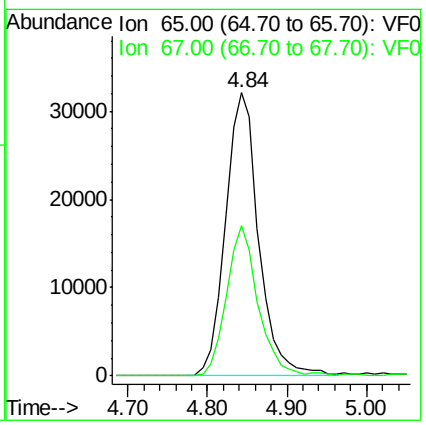


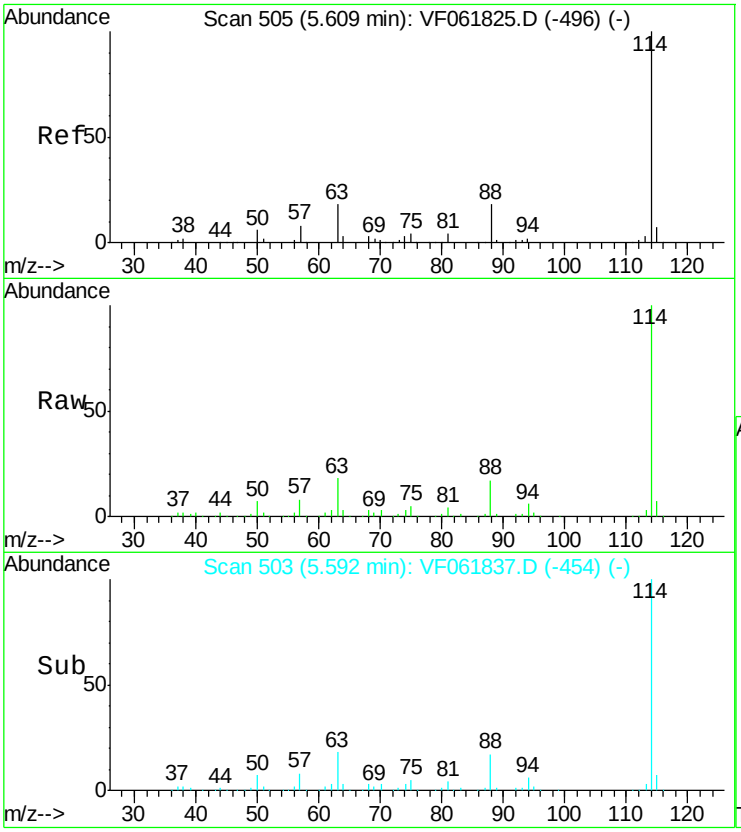


#33
1,2-Dichloroethane-d4
Concen: 56.104 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion: 65 Resp: 93289

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.0



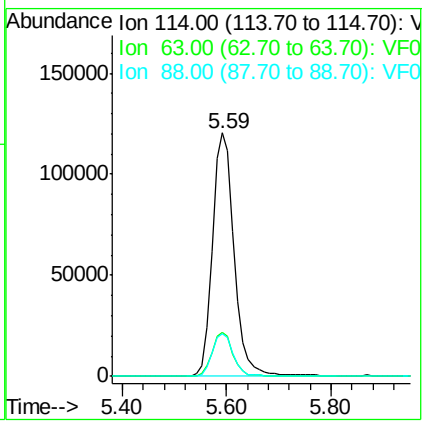


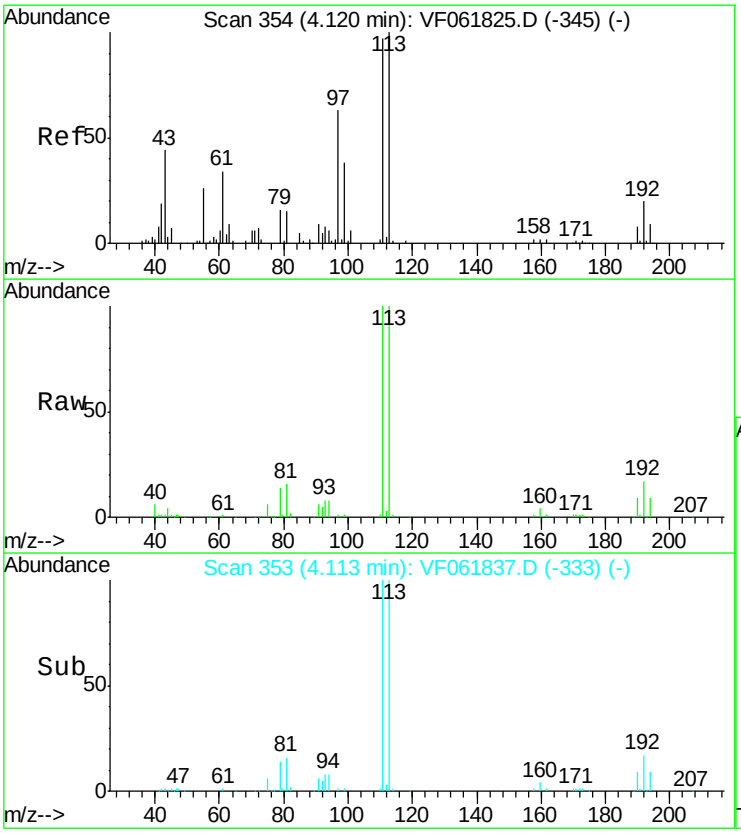
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Tgt Ion:114 Resp: 347393

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.6
88	17.5	0.0	34.4

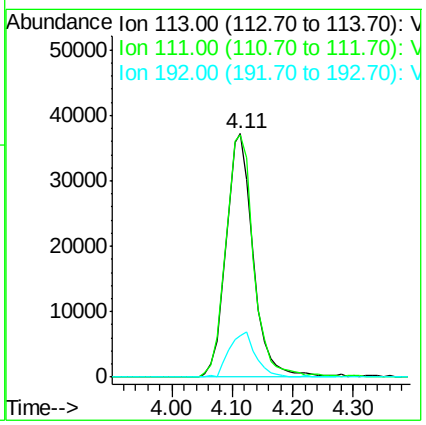


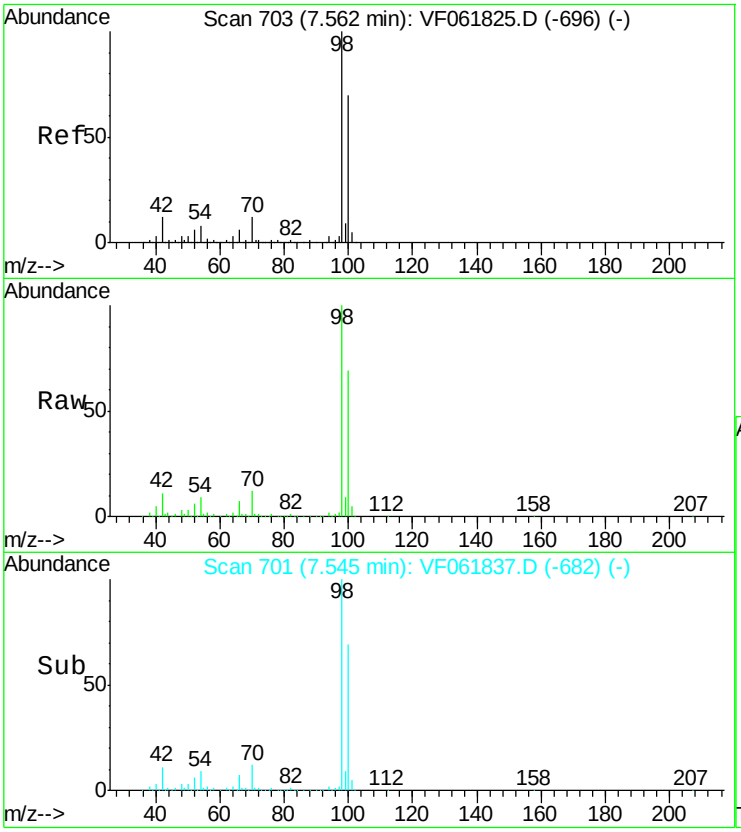


#35
Dibromofluoromethane
Concen: 44.654 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion:113 Resp: 115196

Ion	Ratio	Lower	Upper
113	100		
111	99.6	78.8	118.2
192	17.2	13.4	20.0



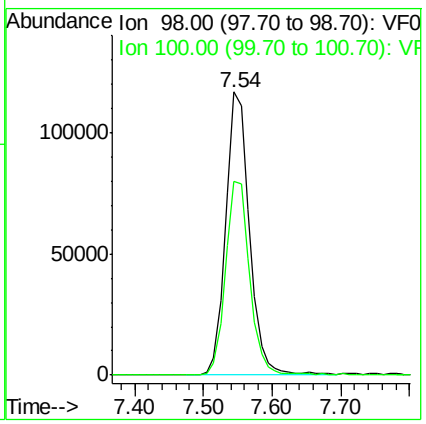


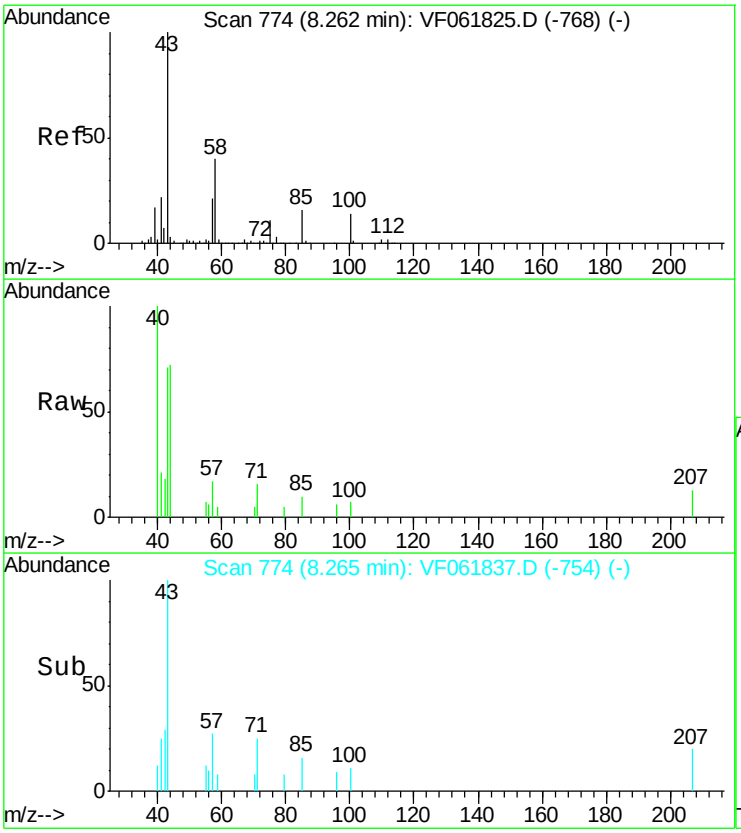
#50
Toluene-d8
Concen: 37.636 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument :
MSVOA_F
ClientSampleId :
Z-4-2-AB

Tgt Ion: 98 Resp: 279111

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.4	83.2

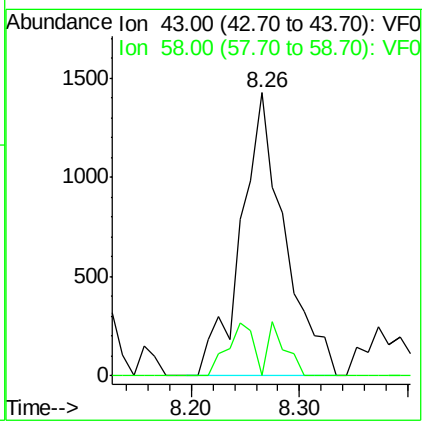


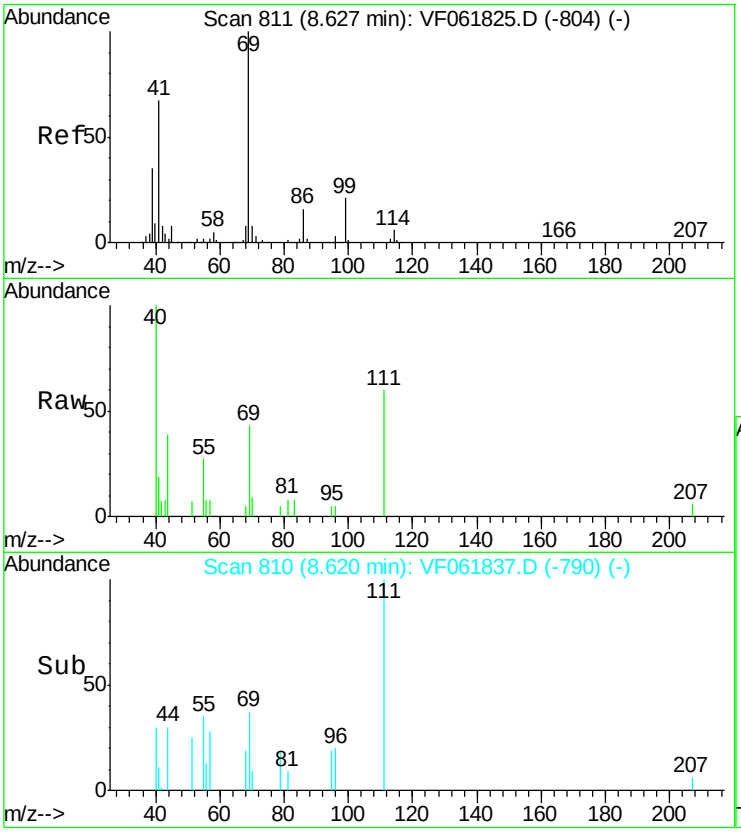


#51
4-Methyl-2-Pentanone
Concen: 2.970 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion: 43 Resp: 4015

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#



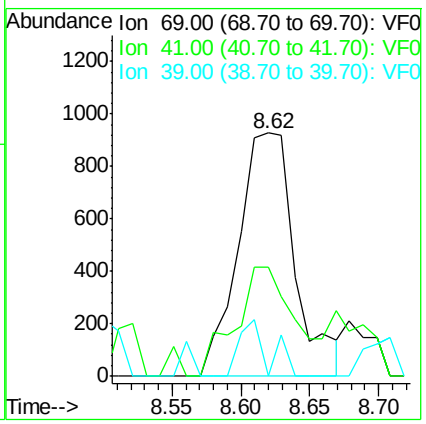


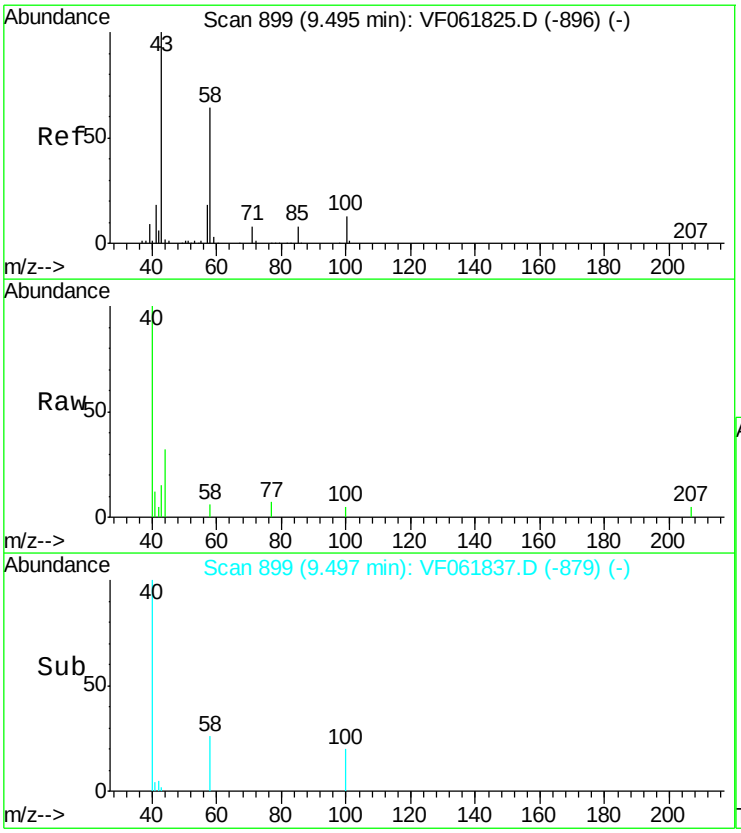
#56
Ethyl methacrylate
Concen: 1.502 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Tgt Ion: 69 Resp: 2682

Ion	Ratio	Lower	Upper
69	100		
41	44.8	52.9	79.3#
39	0.0	24.5	36.7#

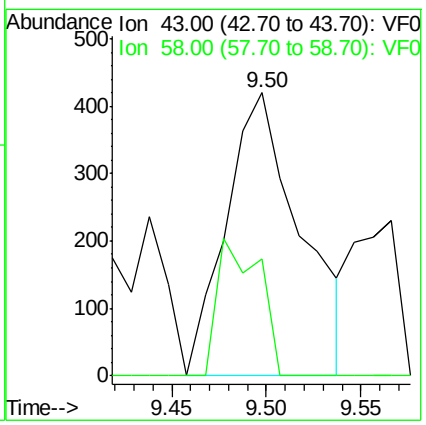


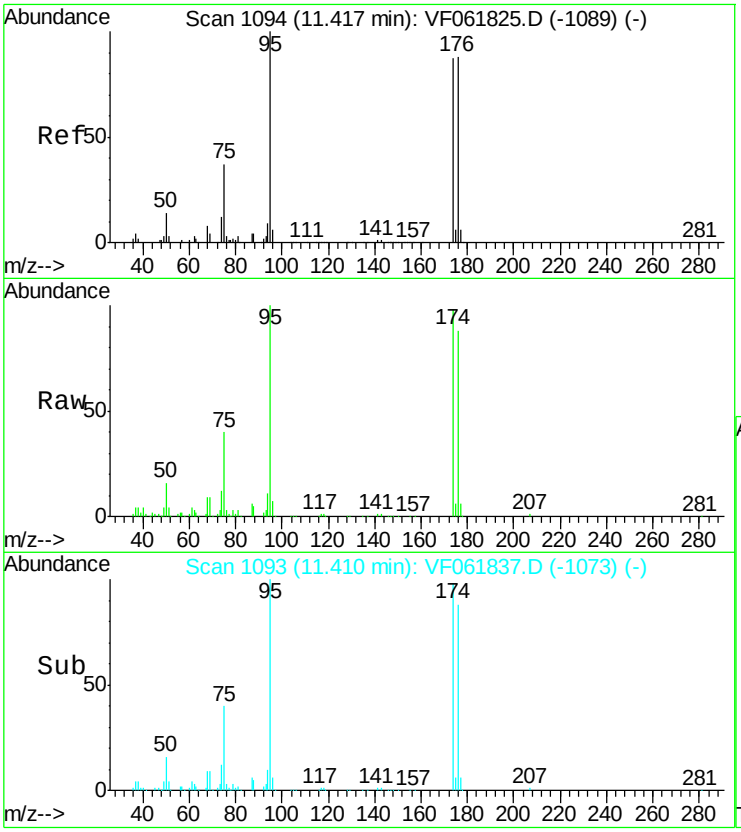


#59
2-Hexanone
Concen: 1.205 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion: 43 Resp: 1142

Ion	Ratio	Lower	Upper
43	100		
58	41.2	28.5	85.5



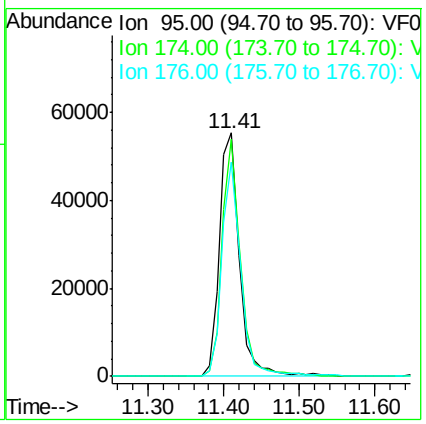


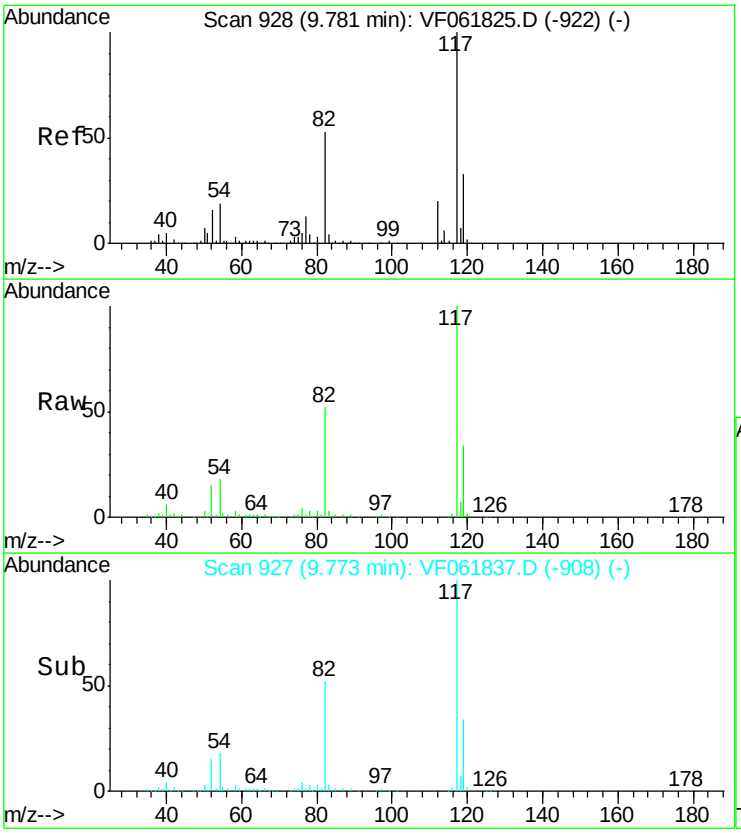
#62
4-Bromofluorobenzene
Concen: 34.325 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument :
MSVOA_F
ClientSampleId :
Z-4-2-AB

Tgt Ion: 95 Resp: 102998

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	165.8
176	87.9	0.0	167.0

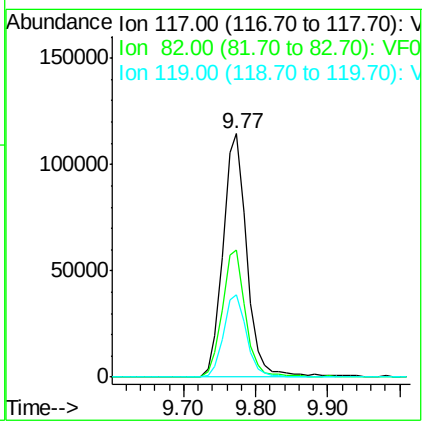


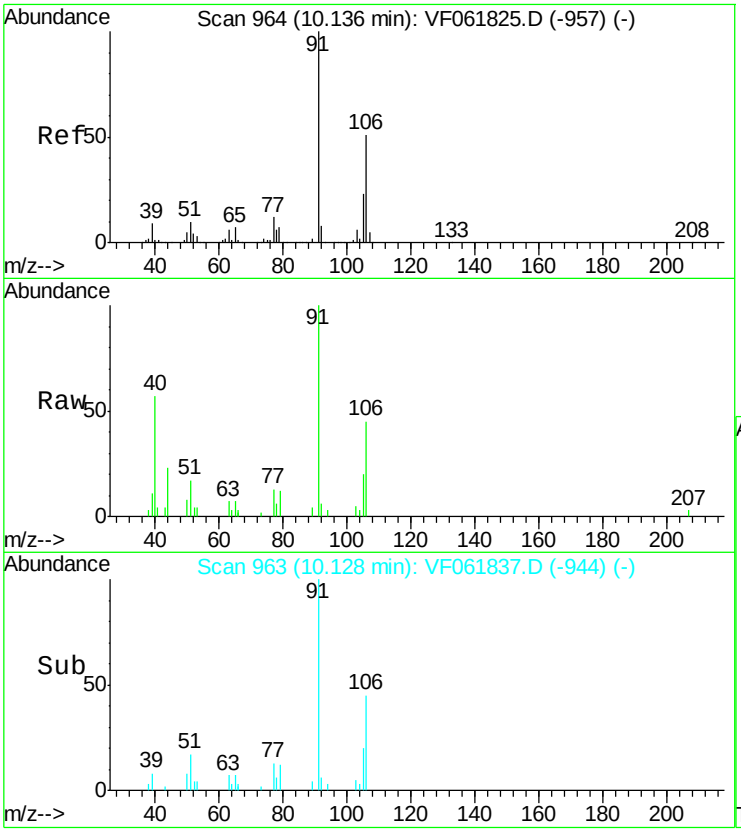


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion:117 Resp: 262647

Ion	Ratio	Lower	Upper
117	100		
82	52.0	39.3	58.9
119	33.6	26.6	40.0



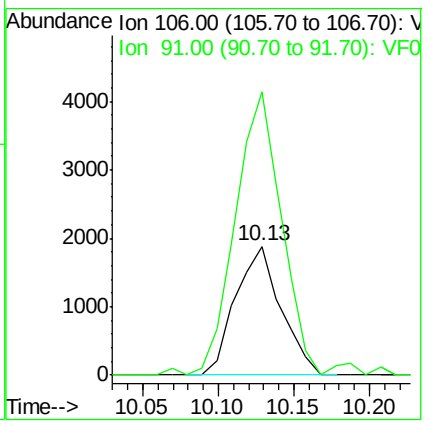


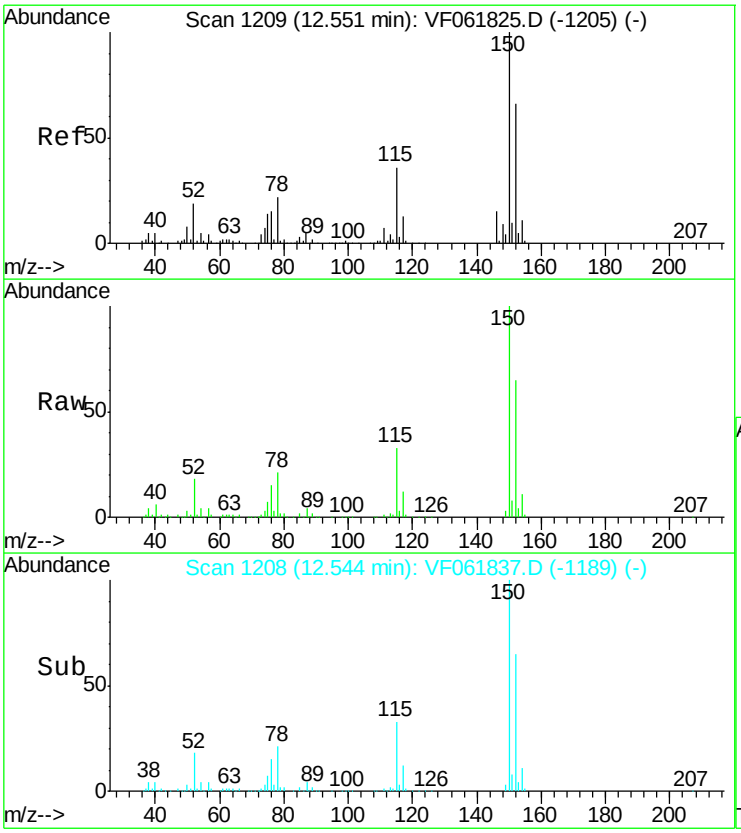
#68
m/p-Xylenes
Concen: 1.163 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Instrument : MSVOA_F
ClientSampleId : Z-4-2-AB

Tgt Ion:106 Resp: 3945

Ion	Ratio	Lower	Upper
106	100		
91	220.2	153.0	229.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061837.D
Acq: 5 Mar 2019 00:11

Tgt Ion:152 Resp: 100641

Ion	Ratio	Lower	Upper
152	100		
115	51.3	24.3	72.8
150	153.5	0.0	312.0