Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121118\
Data File : VF060994.D
Acq On : 11 Dec 2018 23:42
Operator : VA/AP
Sample : J6316-23
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BORING-SAMPLE-STEAL-WELL-YA

Quant Time: Dec 12 06:30:49 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	4.87	168	202783	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	359225	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	305786	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.56	152	133368	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	114072	47.75	ug/l	-0.04
Spiked Amount 50.000			Recovery = 95.50%			
35) Dibromofluoromethane	4.11	113	126555	44.41	ug/l	-0.04
Spiked Amount 50.000			Recovery = 88.82%			
50) Toluene-d8	7.56	98	294004	35.02	ug/l	-0.04
Spiked Amount 50.000			Recovery = 70.04%			
62) 4-Bromofluorobenzene	11.41	95	130308	34.15	ug/l	-0.03
Spiked Amount 50.000			Recovery = 68.30%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	1285	2.263	ug/l	55
11) Tert butyl alcohol	2.59	59	389	3.972	ug/l #	18
13) Acrolein	1.99	56	614	6.618	ug/l #	16
15) Acrylonitrile	2.91	53	378	1.722	ug/l #	32
16) Acetone	2.24	43	13326	30.251	ug/l #	93
20) Methylene Chloride	2.26	84	17597	10.889	ug/l	86
29) Tetrahydrofuran	4.11	42	941	2.914	ug/l #	42
30) Chloroform	3.87	83	5554	1.113	ug/l	84
41) Methacrylonitrile	4.75	41	433	Below Cal	#	23
43) Isopropyl Acetate	6.94	43	66	Below Cal	#	49
49) 1,4-Dioxane	6.44	88	80	7.458	ug/l #	17
59) 2-Hexanone	9.50	43	1287	1.229	ug/l	68
95) Naphthalene	14.46	128	1231	Below Cal	#	69

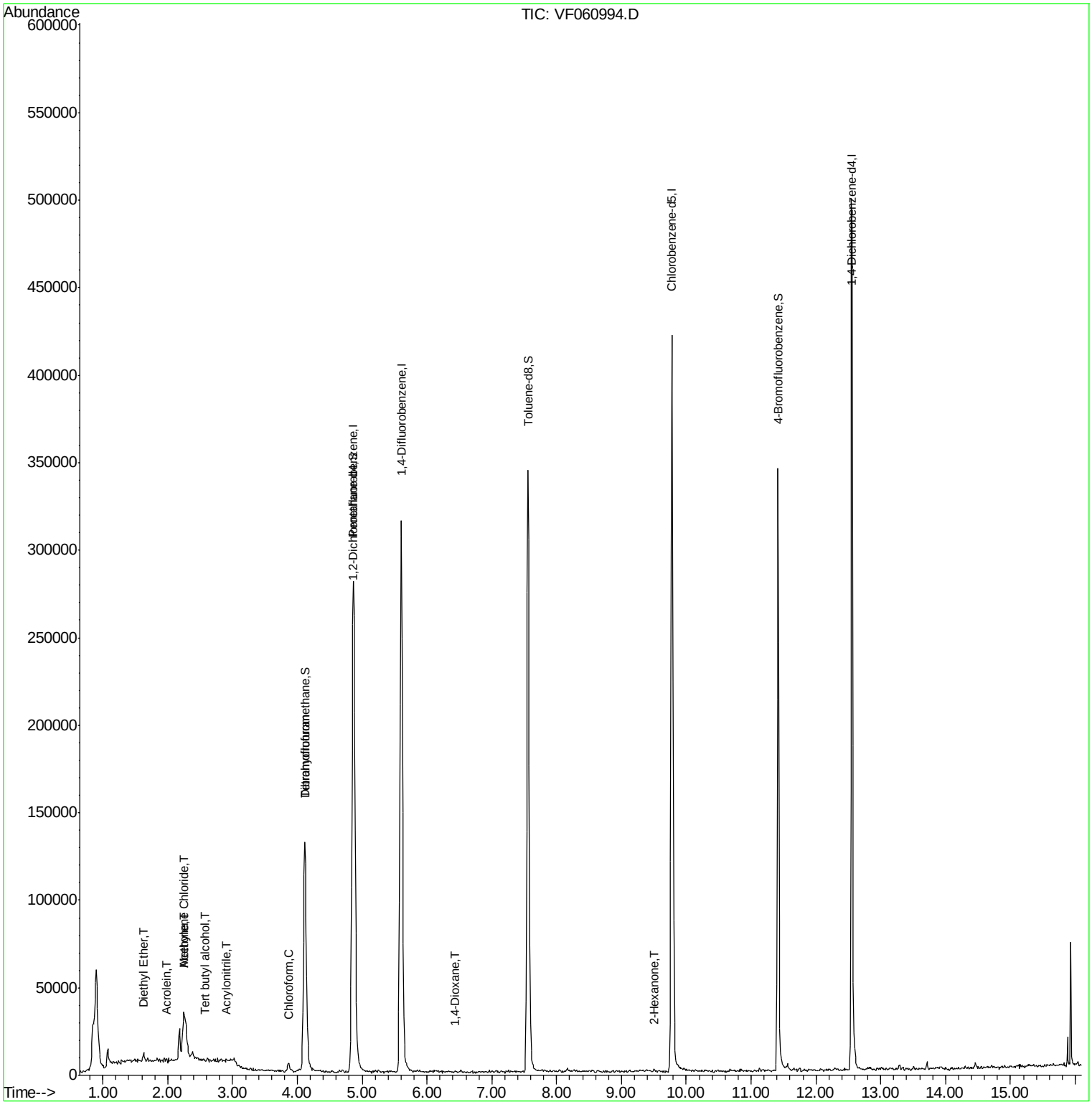
(#) = qualifier out of range (m) = manual integration (+) = signals summed

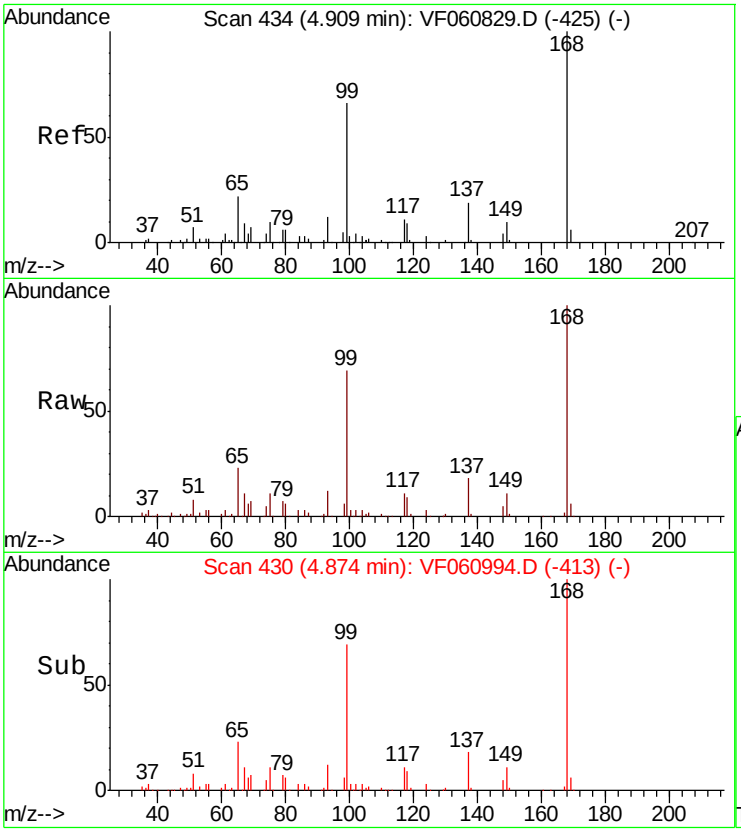
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060994.D
Acq On : 11 Dec 2018 23:42
Operator : VA/AP
Sample : J6316-23
Misc : 4.83g/5mL/MSVOA-F/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Quant Time: Dec 12 06:30:49 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



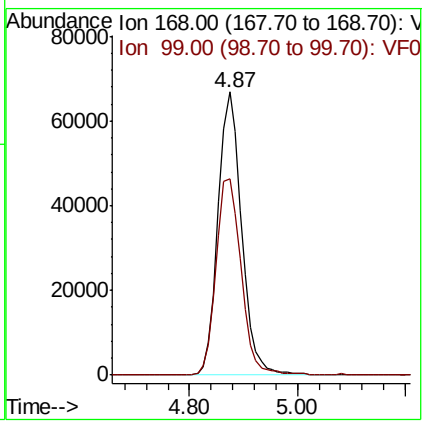


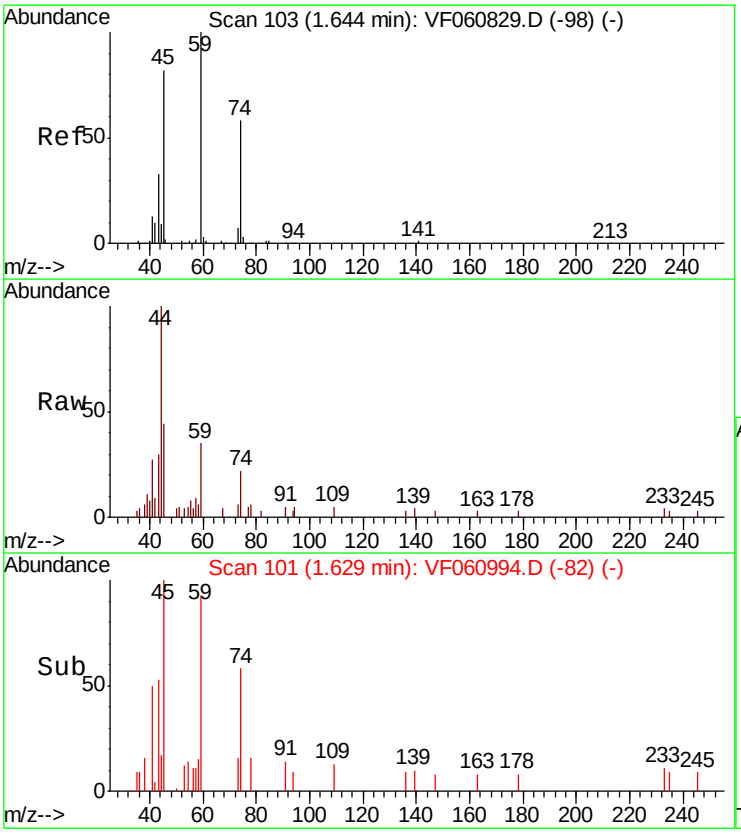
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion:168 Resp: 202783

Ion	Ratio	Lower	Upper
168	100		
99	69.1	52.6	79.0

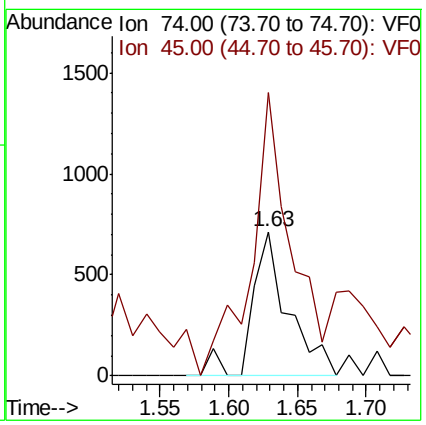


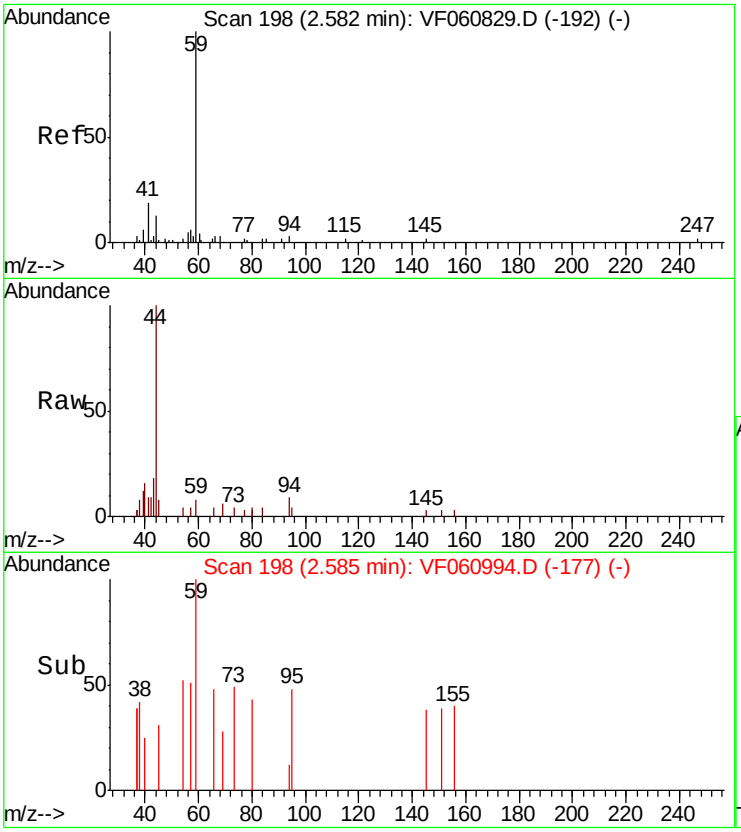


#8
Diethyl Ether
Concen: 2.263 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.02 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 74 Resp: 1285

Ion	Ratio	Lower	Upper
74	100		
45	196.8	71.0	212.8



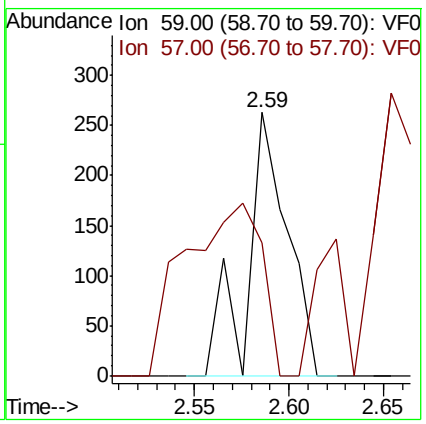


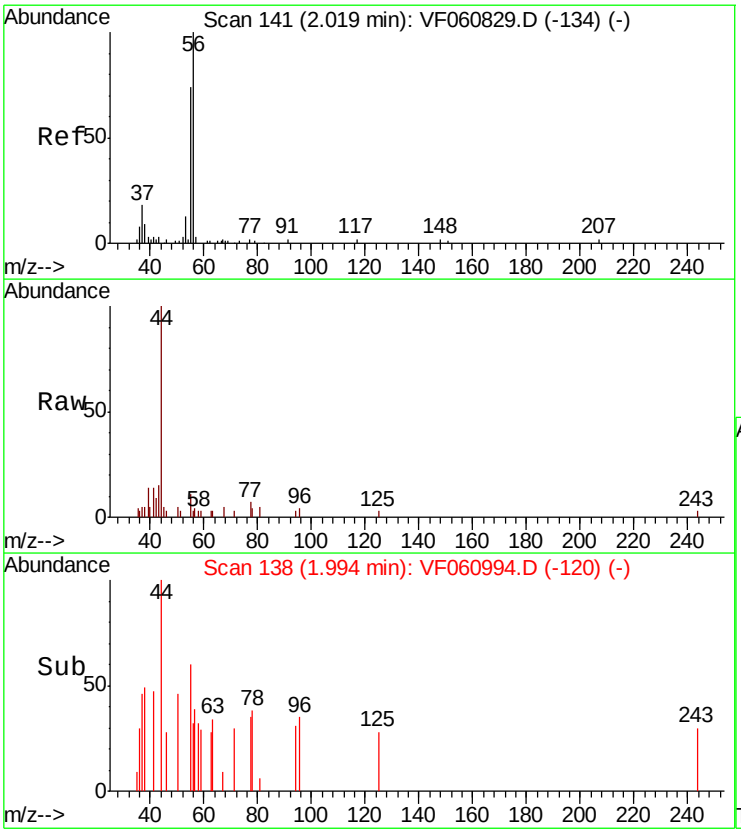
#11
Tert butyl alcohol
Concen: 3.972 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument : MSVOA_F
ClientSampleId : BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion: 59 Resp: 389

Ion	Ratio	Lower	Upper
59	100		
57	50.6	12.7	19.1#

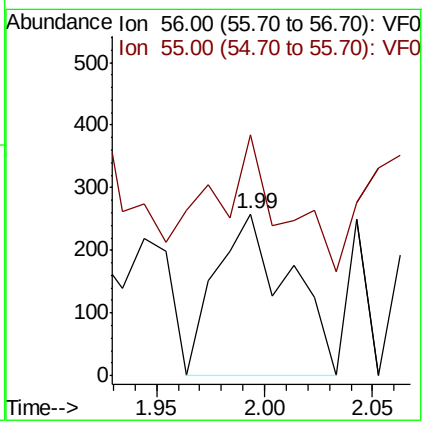


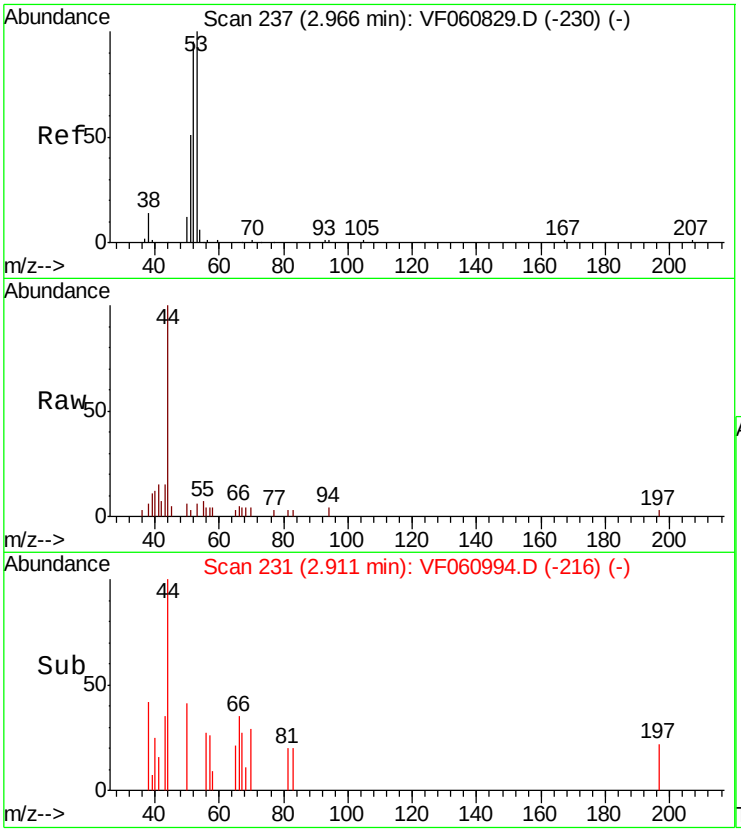


#13
Acrolein
Concen: 6.618 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 56 Resp: 614

Ion	Ratio	Lower	Upper
56	100		
55	148.8	61.2	91.8#



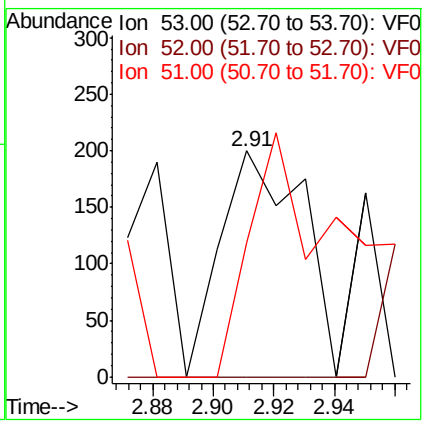


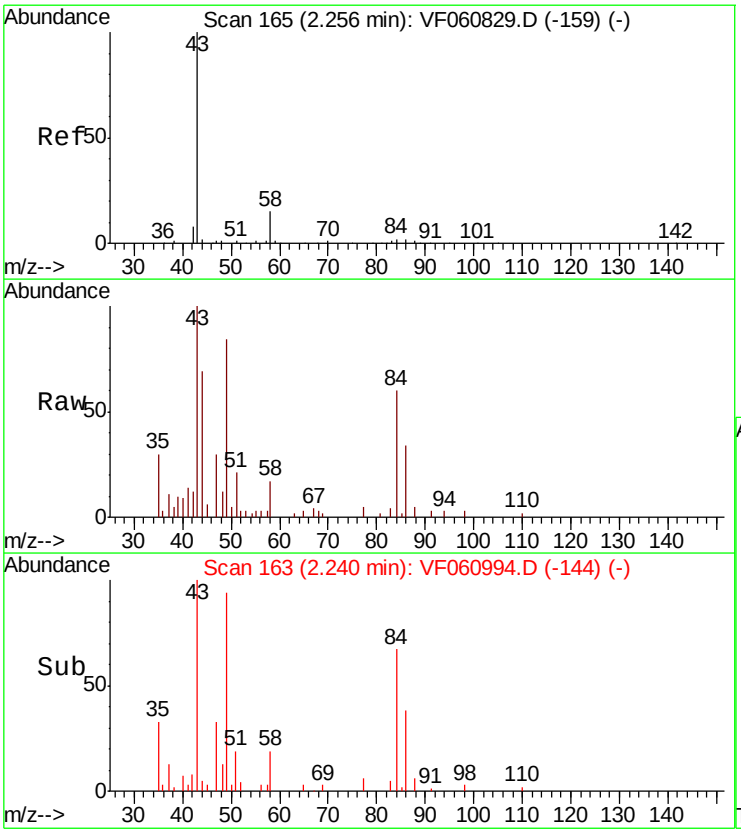
#15
Acrylonitrile
Concen: 1.722 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.06 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion: 53 Resp: 378

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	59.5	40.7	61.1

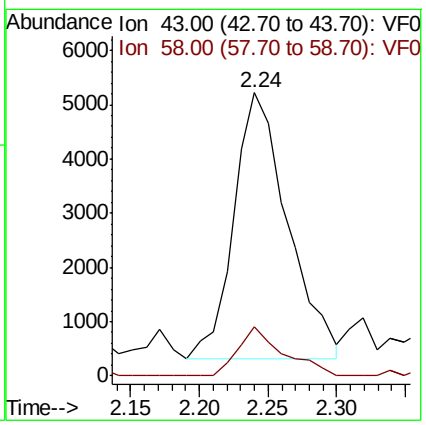


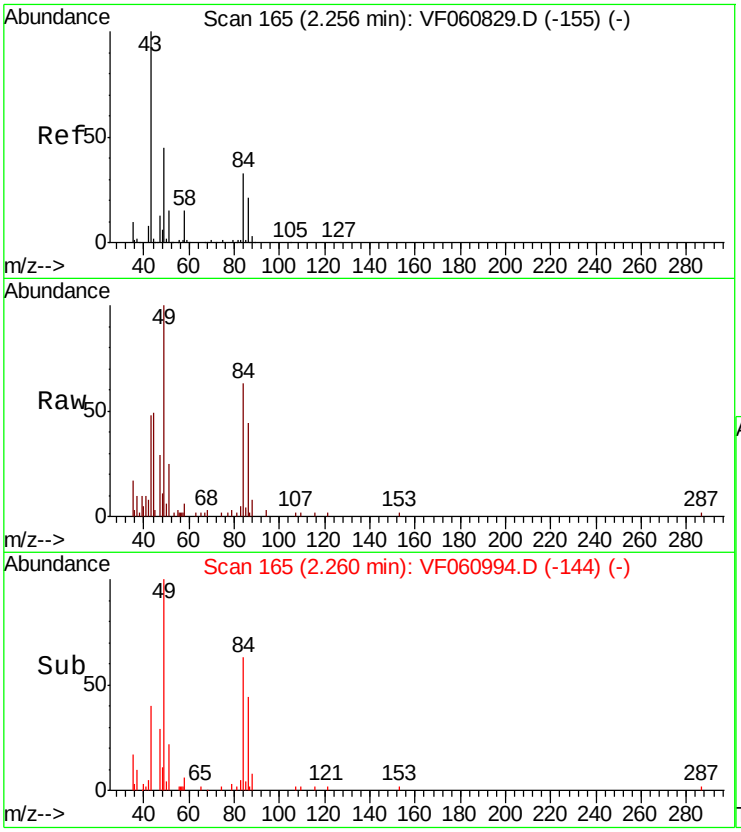


#16
Acetone
Concen: 30.251 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 43 Resp: 13326

Ion	Ratio	Lower	Upper
43	100		
58	17.3	11.4	17.2#



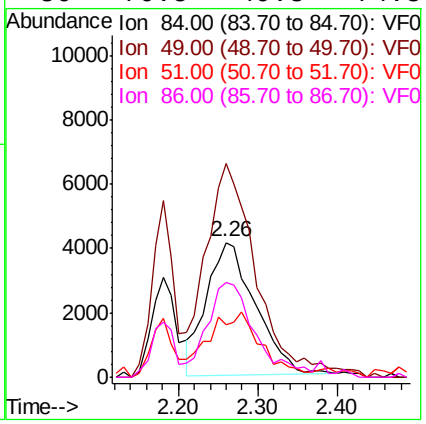


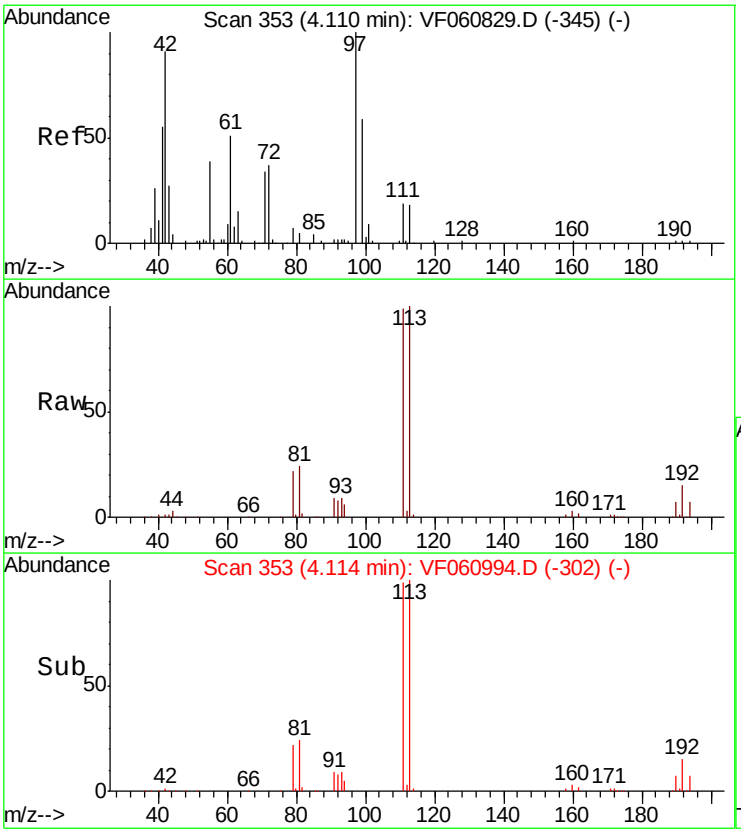
#20
Methylene Chloride
Concen: 10.889 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.00 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion: 84 Resp: 17597

Ion	Ratio	Lower	Upper
84	100		
49	158.5	111.3	166.9
51	39.3	38.0	57.0
86	70.5	49.8	74.8

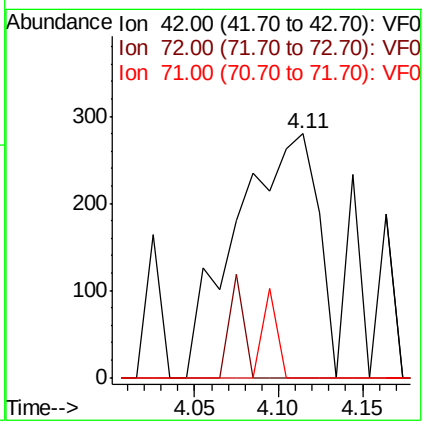


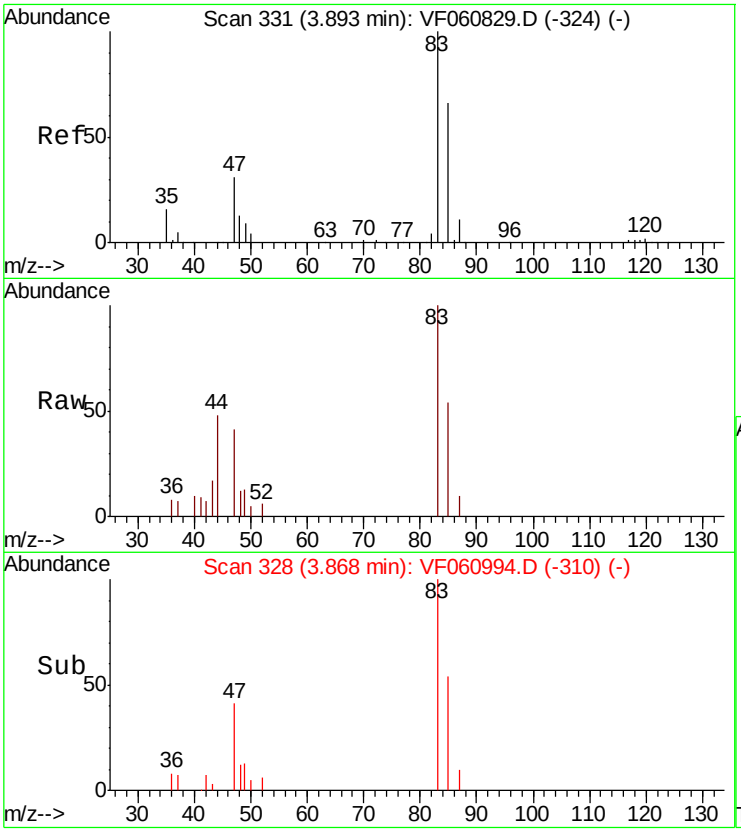


#29
Tetrahydrofuran
Concen: 2.914 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 42 Resp: 941

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	6.4	28.7	43.1#



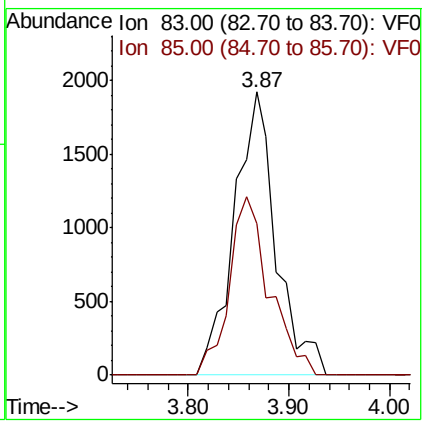


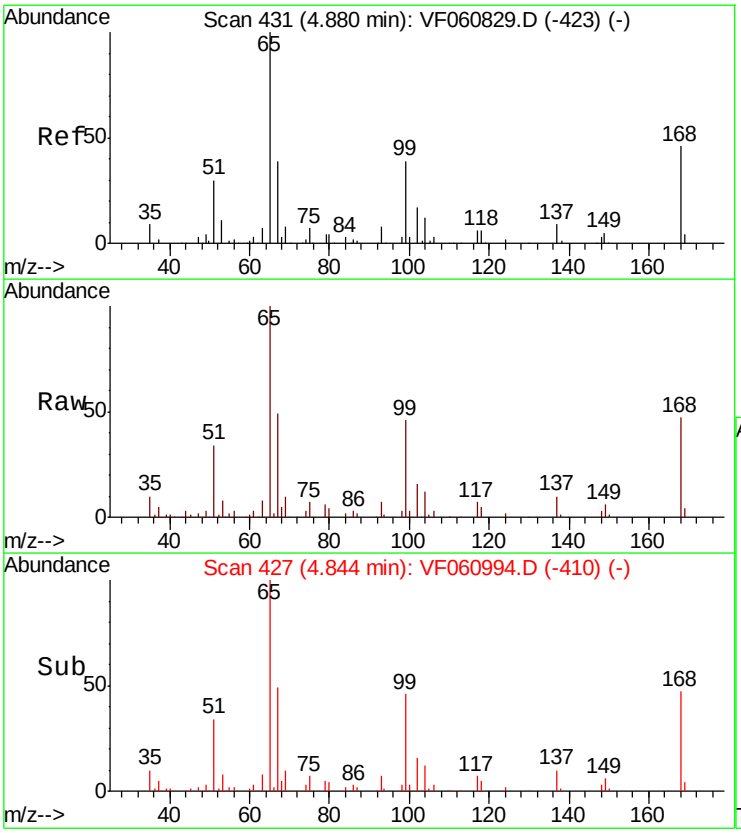
#30
Chloroform
Concen: 1.113 ug/l
RT: 3.87 min Scan# 328
Delta R.T. -0.03 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion: 83 Resp: 5554

Ion	Ratio	Lower	Upper
83	100		
85	53.7	53.4	80.2

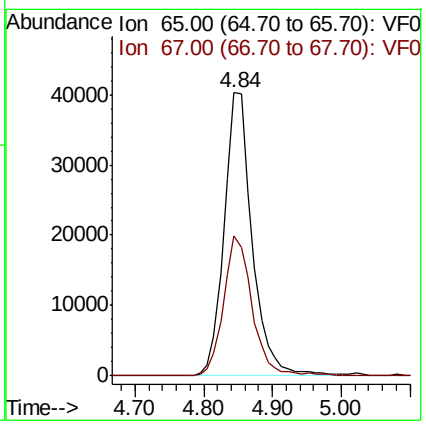


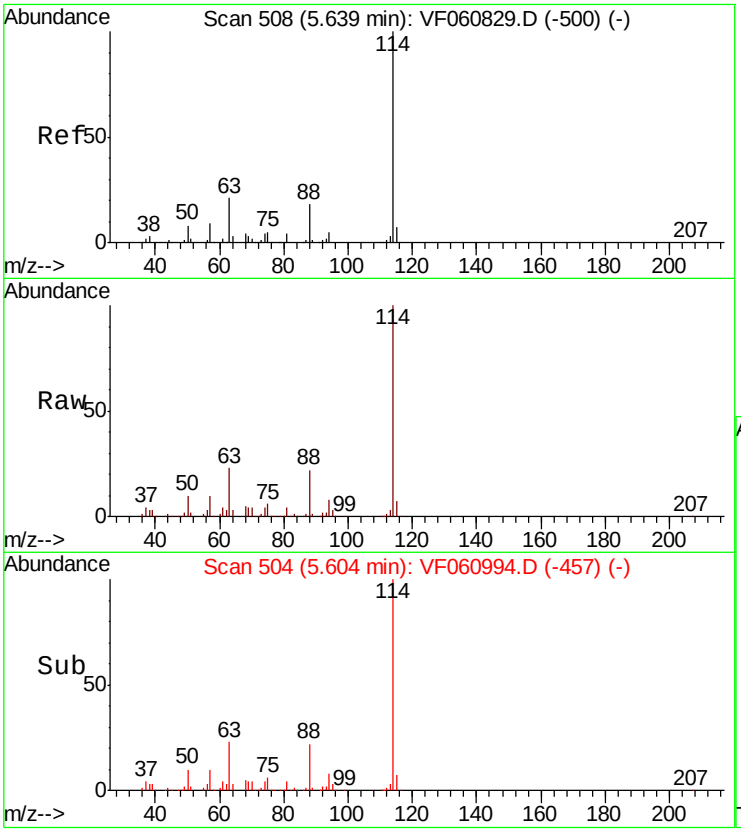


#33
1,2-Dichloroethane-d4
Concen: 47.752 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 65 Resp: 114072

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	96.4



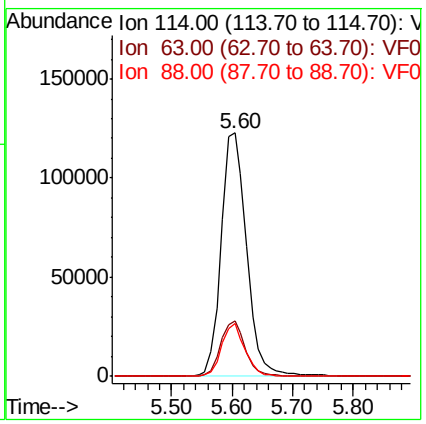


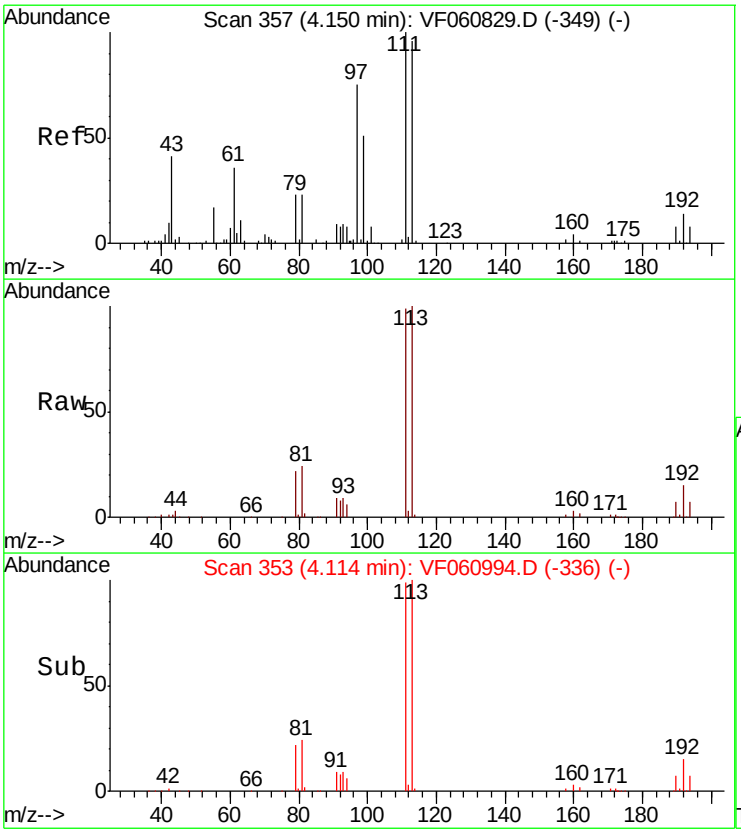
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.04 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion:114 Resp: 359225

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	41.6
88	21.8	0.0	36.6

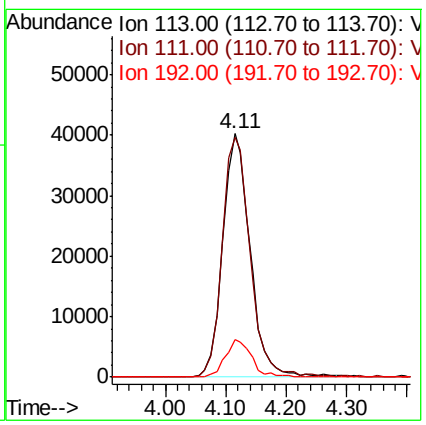


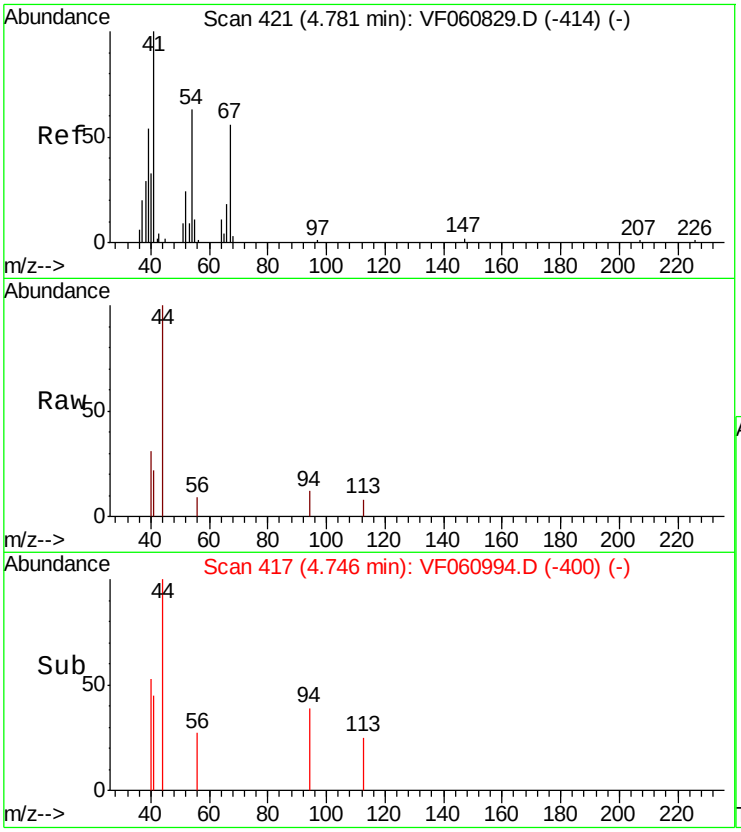


#35
Dibromofluoromethane
Concen: 44.408 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion:113 Resp: 126555

Ion	Ratio	Lower	Upper
113	100		
111	98.6	83.0	124.6
192	15.5	12.3	18.5



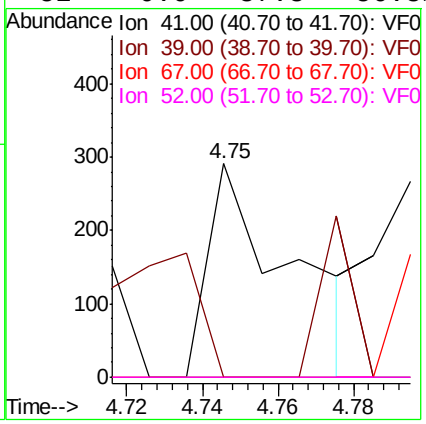


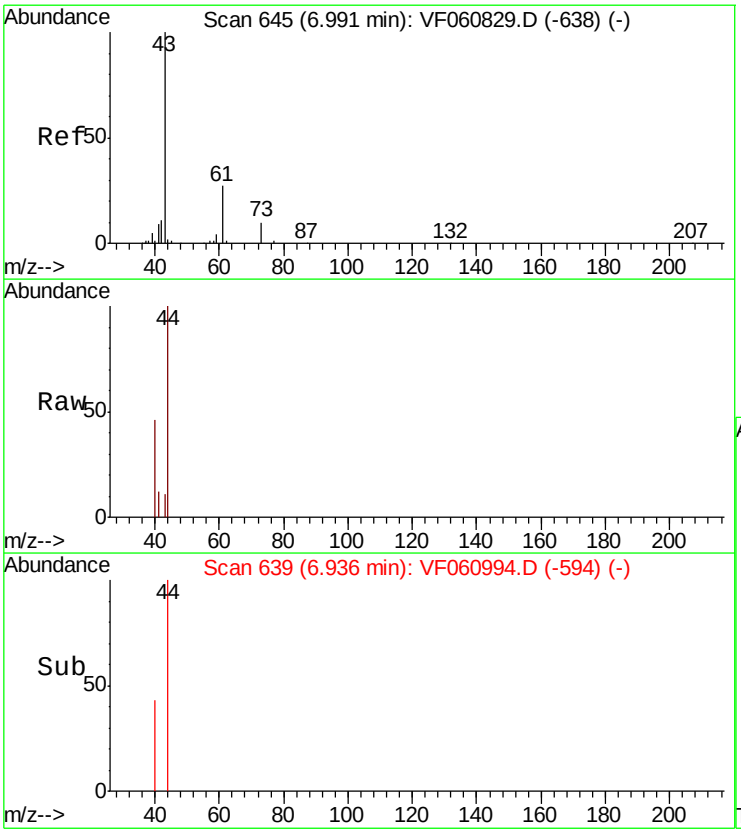
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 417
Delta R.T. -0.04 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion: 41 Resp: 433

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

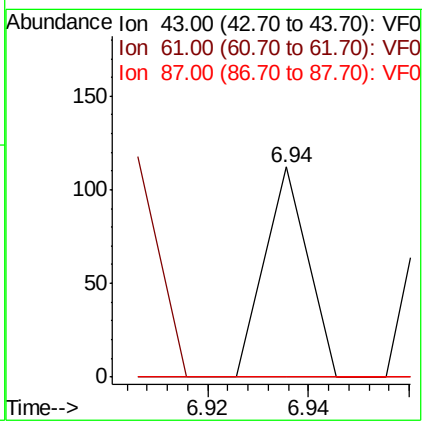


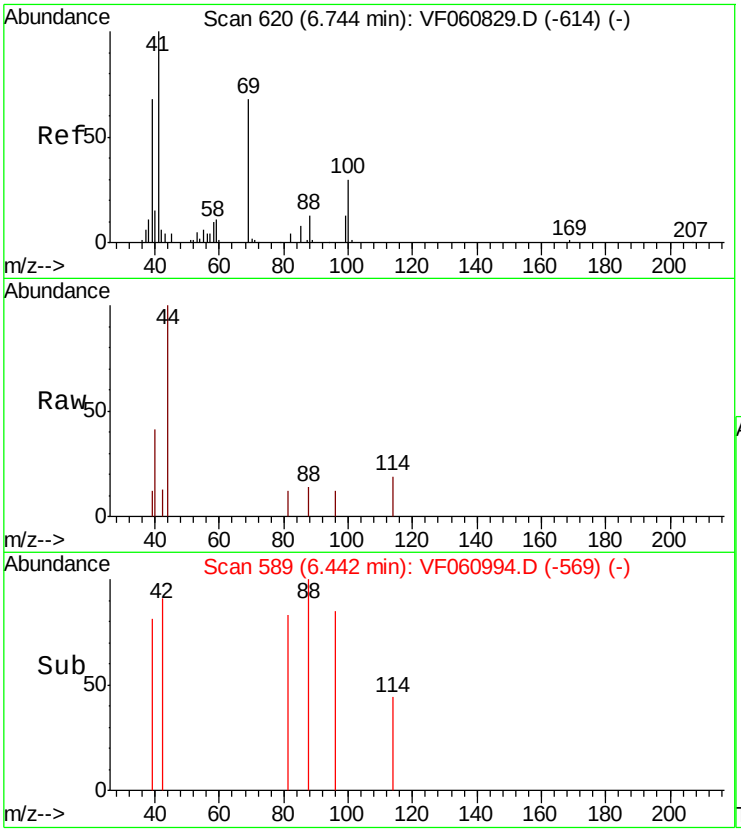


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.94 min Scan# 639
Delta R.T. -0.05 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 43 Resp: 66

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



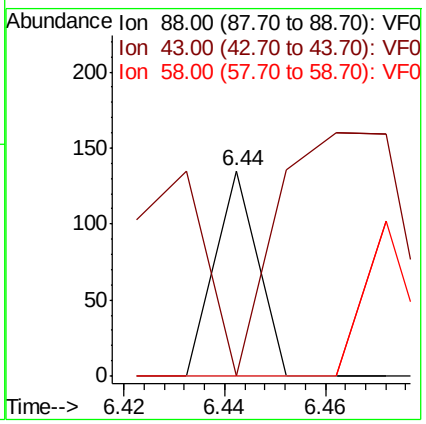


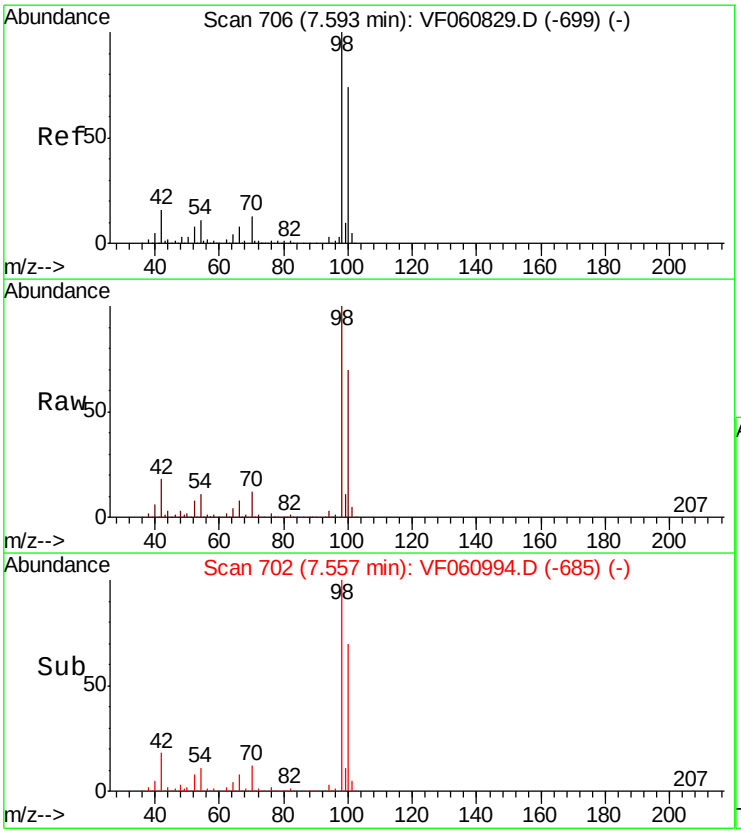
#49
1,4-Dioxane
Concen: 7.458 ug/l
RT: 6.44 min Scan# 589
Delta R.T. -0.30 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion: 88 Resp: 80

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

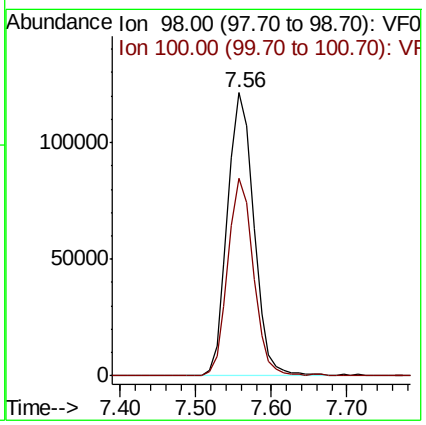


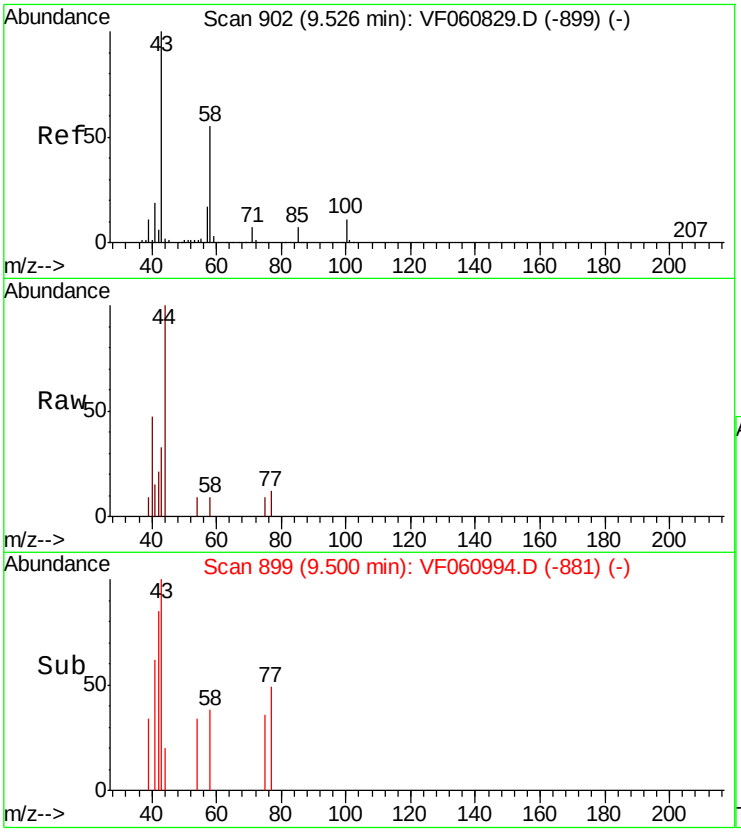


#50
Toluene-d8
Concen: 35.022 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 98 Resp: 294004

Ion	Ratio	Lower	Upper
98	100		
100	69.7	59.3	88.9



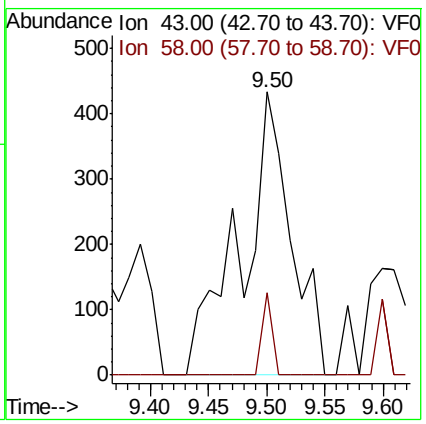


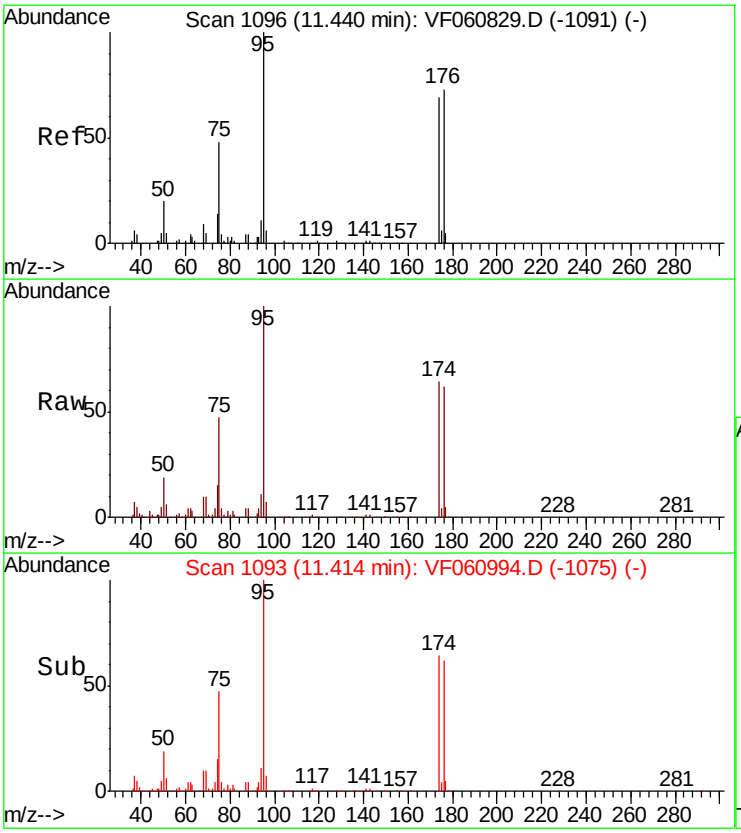
#59
2-Hexanone
Concen: 1.229 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion: 43 Resp: 1287

Ion	Ratio	Lower	Upper
43	100		
58	29.1	25.6	76.6

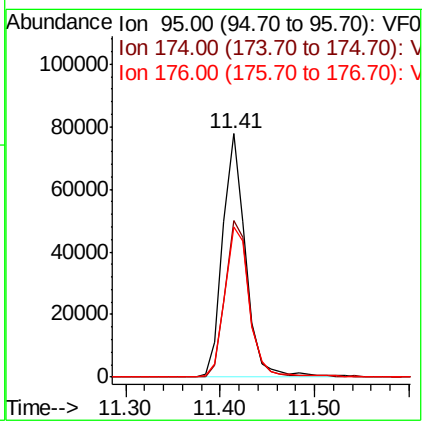


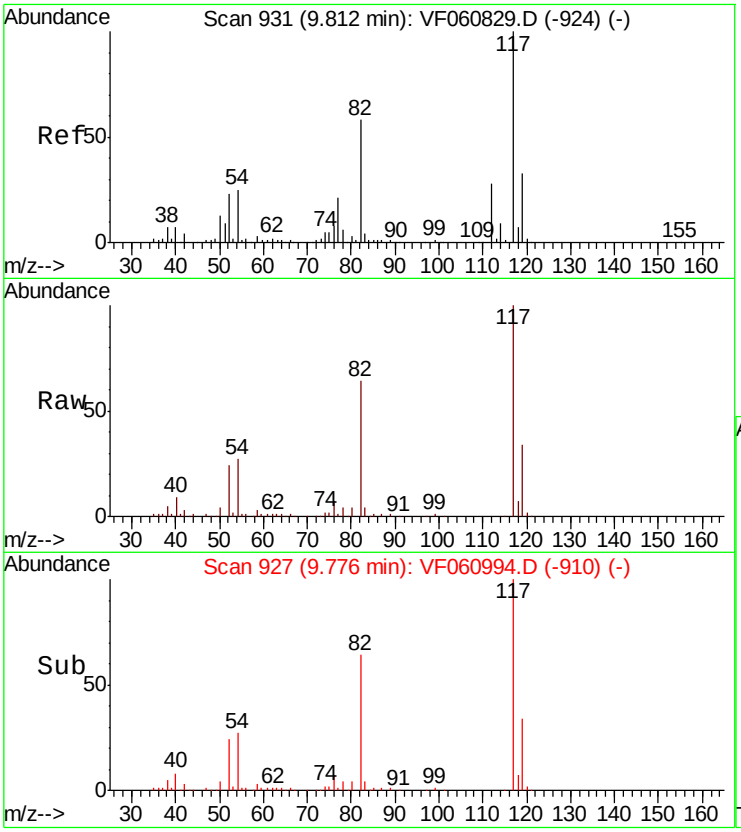


#62
4-Bromofluorobenzene
Concen: 34.154 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion: 95 Resp: 130308

Ion	Ratio	Lower	Upper
95	100		
174	64.3	0.0	138.2
176	61.9	0.0	146.2



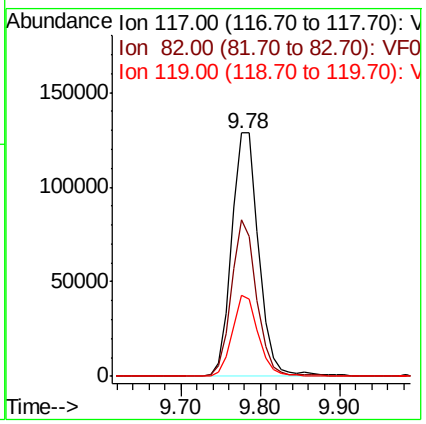


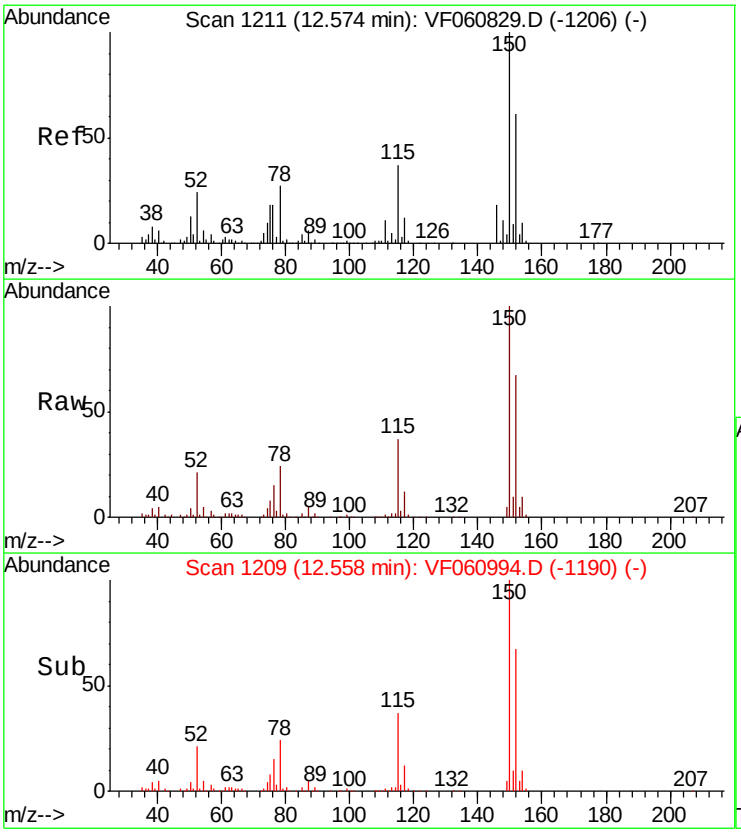
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion:117 Resp: 305786

Ion	Ratio	Lower	Upper
117	100		
82	64.3	46.6	69.8
119	33.5	26.4	39.6

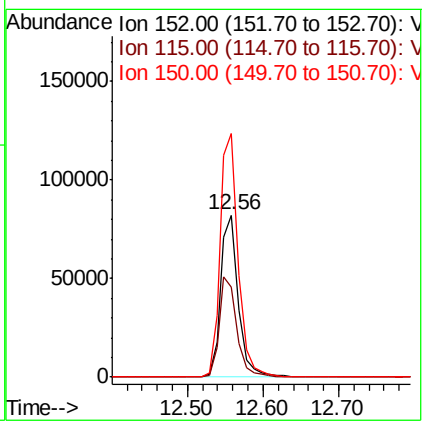


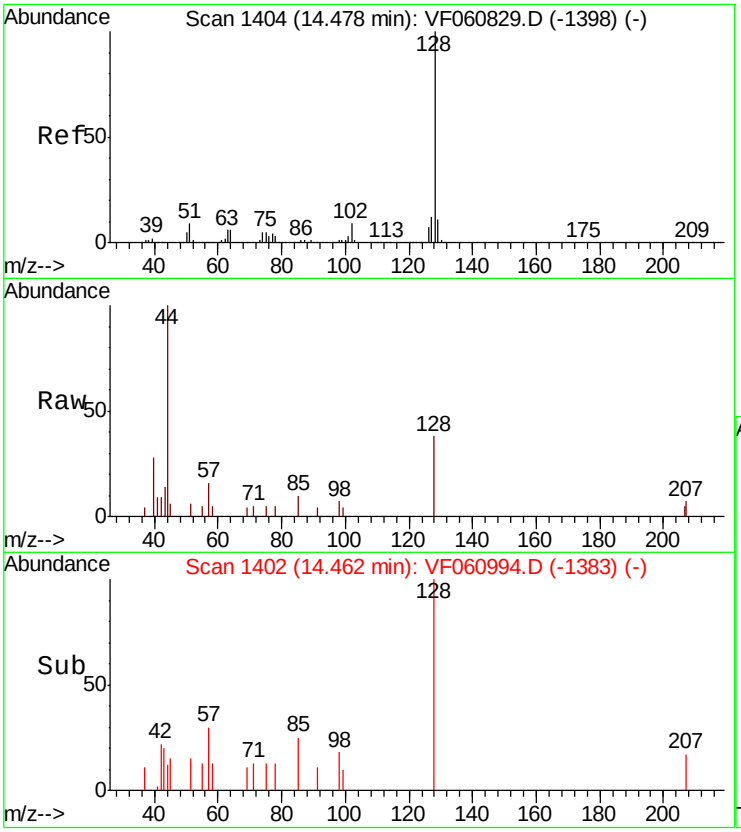


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Tgt Ion:152 Resp: 133368

Ion	Ratio	Lower	Upper
152	100		
115	55.1	30.1	90.5
150	150.0	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060994.D
Acq: 11 Dec 2018 23:42

Instrument :
MSVOA_F
ClientSampleId :
BORING-SAMPLE-STEAL-WELL-YA

Tgt Ion:128 Resp: 1231

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	9.1	13.7#