Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
Data File : VF062938.D
Acq On : 12 Jun 2019 20:08
Operator : FY/SY
Sample : K3342-02
Misc : 3.49g/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 13 08:32:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	517013	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	860153	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	594287	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	191879	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	156685	43.83	ug/l	-0.03
Spiked Amount 50.000			Recovery = 87.66%			
35) Dibromofluoromethane	4.31	113	305791	47.05	ug/l	-0.03
Spiked Amount 50.000			Recovery = 94.10%			
50) Toluene-d8	7.71	98	571300	34.76	ug/l	-0.03
Spiked Amount 50.000			Recovery = 69.52%			
62) 4-Bromofluorobenzene	11.49	95	166965	28.24	ug/l	-0.02
Spiked Amount 50.000			Recovery = 56.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	677	Below Cal	#	61
8) Diethyl Ether	1.73	74	1903	1.285	ug/l	78
11) Tert butyl alcohol	2.70	59	1399	6.459	ug/l #	1
13) Acrolein	2.08	56	1513	9.619	ug/l	92
15) Acrylonitrile	3.12	53	819	1.006	ug/l #	80
16) Acetone	2.35	43	75550	92.328	ug/l	96
18) Methyl Acetate	2.48	43	3733	2.611	ug/l #	78
20) Methylene Chloride	2.36	84	11021	Below Cal		98
25) 2-Butanone	4.47	43	2333	1.224	ug/l	92
49) 1,4-Dioxane	6.89	88	251	9.240	ug/l #	47
59) 2-Hexanone	9.63	43	3672	1.805	ug/l	95

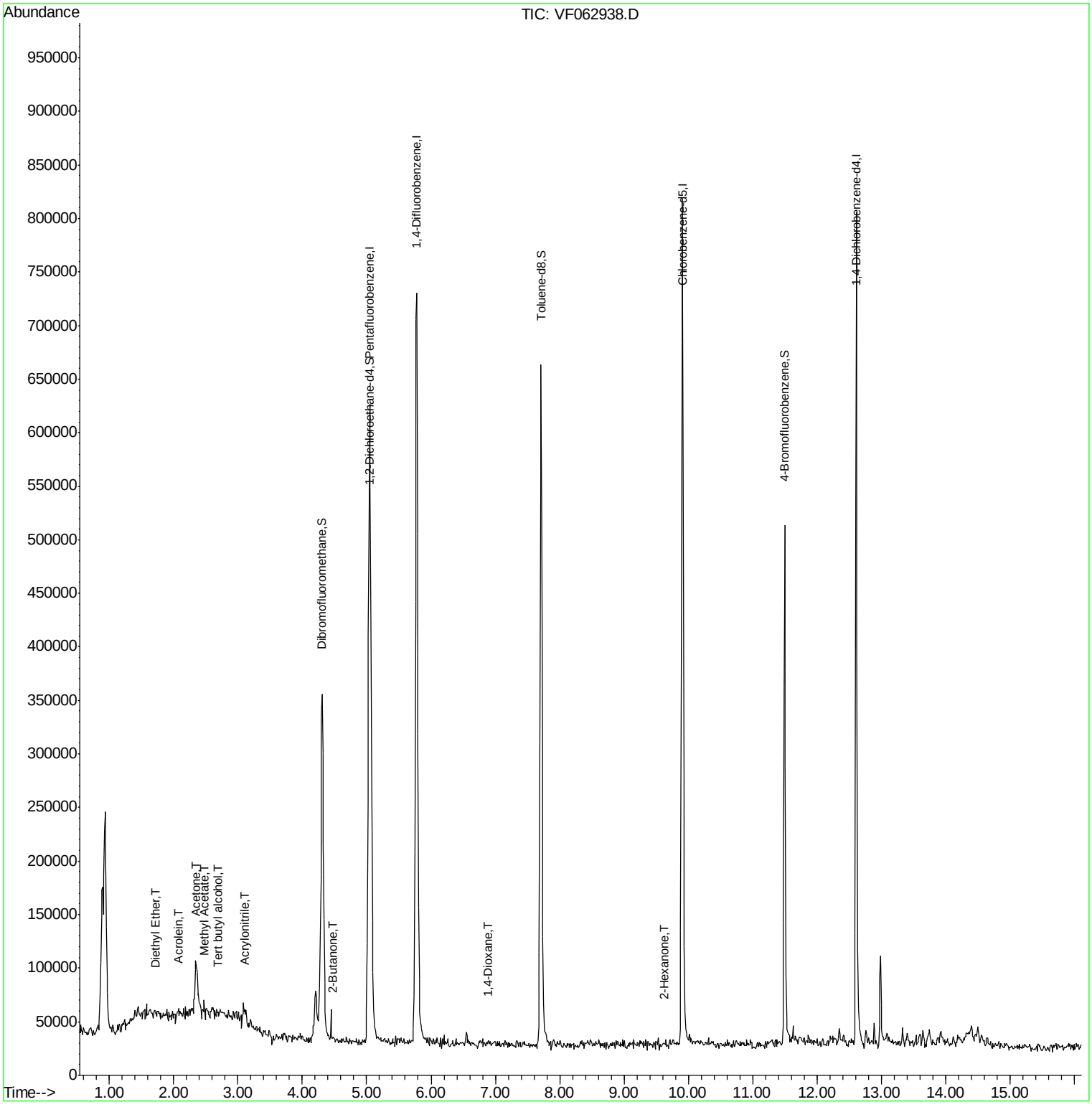
(#) = qualifier out of range (m) = manual integration (+) = signals summed

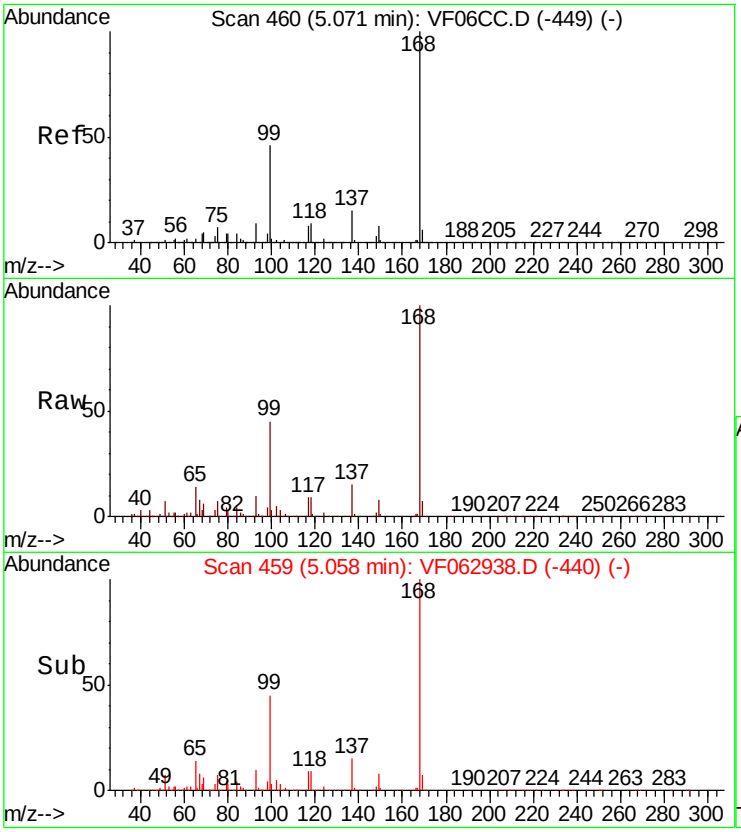
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
Data File : VF062938.D
Acq On : 12 Jun 2019 20:08
Operator : FY/SY
Sample : K3342-02
Misc : 3.49g/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 13 08:32:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration



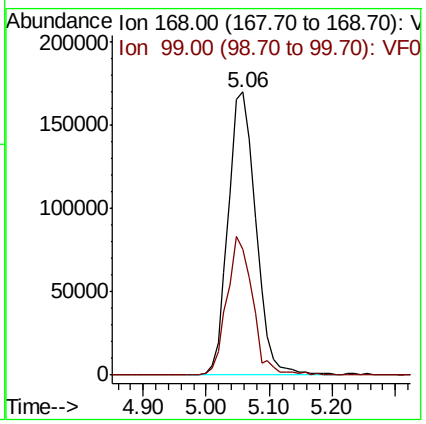


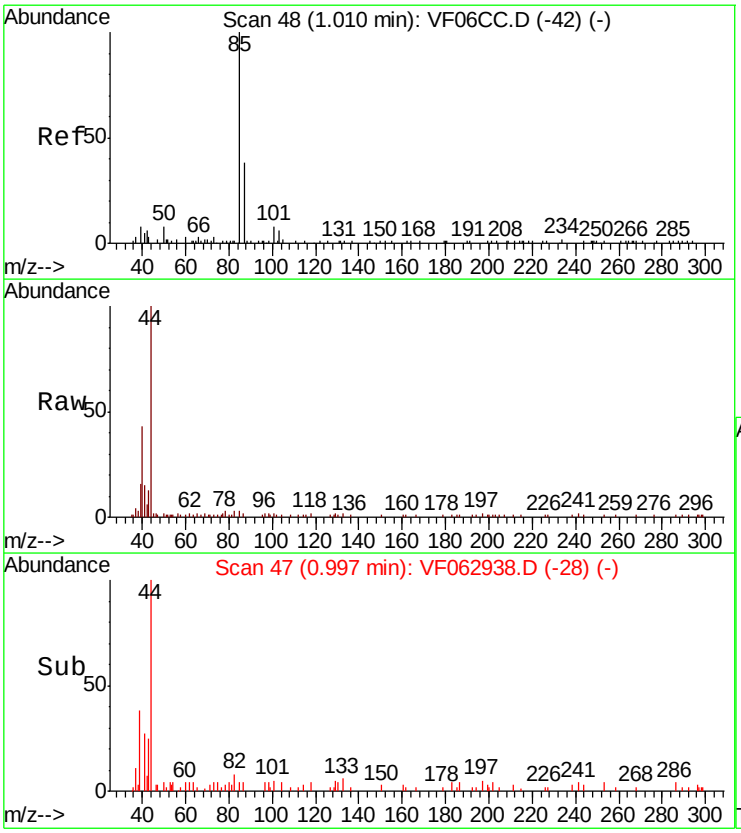
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.02 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 517013

Ion	Ratio	Lower	Upper
168	100		
99	44.6	39.1	58.7

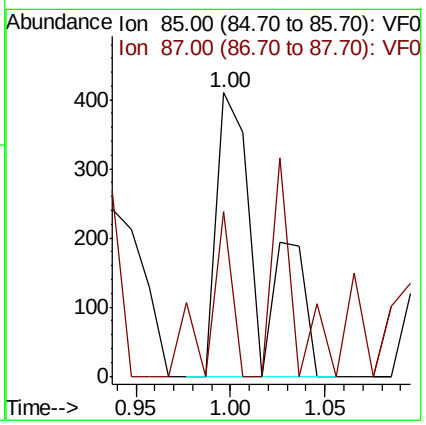


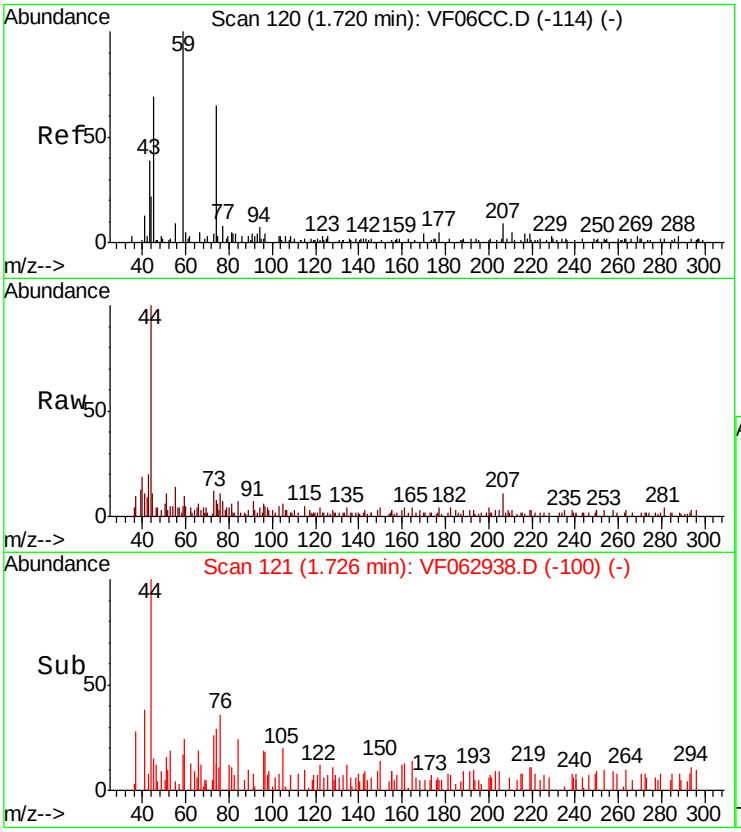


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion: 85 Resp: 677

Ion	Ratio	Lower	Upper
85	100		
87	58.0	17.6	52.9#



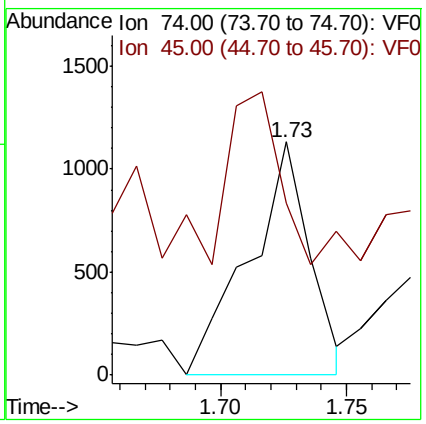


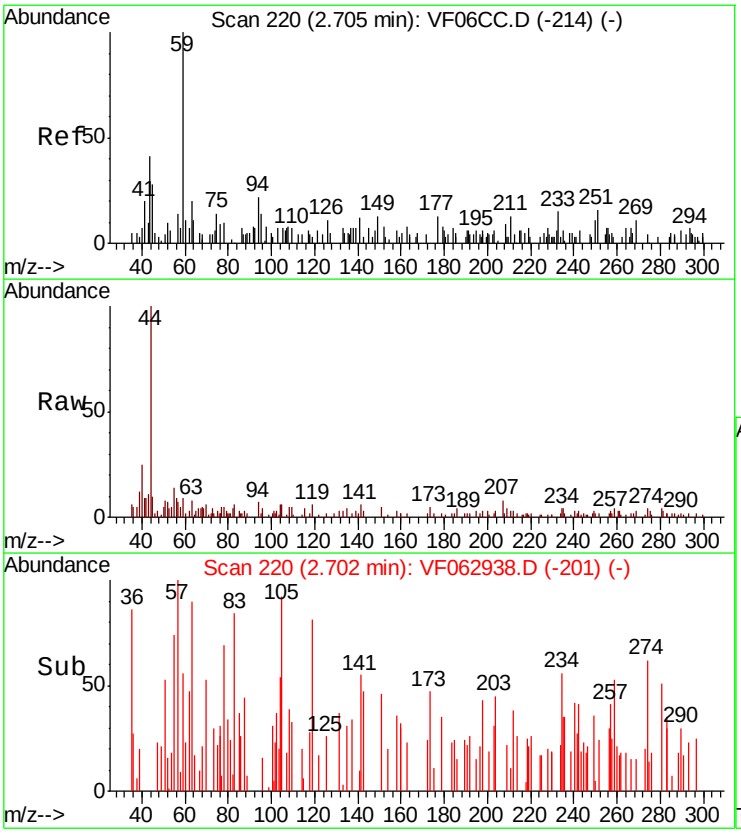
#8
Diethyl Ether
Concen: 1.285 ug/l
RT: 1.73 min Scan# 121
Delta R.T. 0.00 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 1903

Ion	Ratio	Lower	Upper
74	100		
45	73.8	47.5	142.5

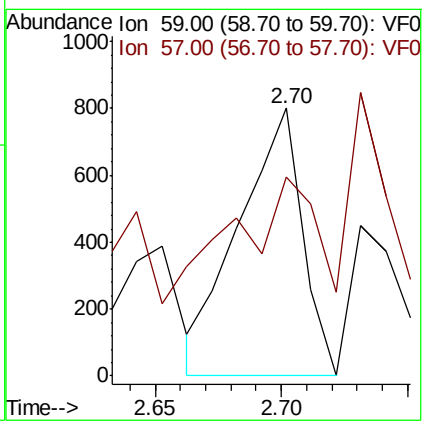


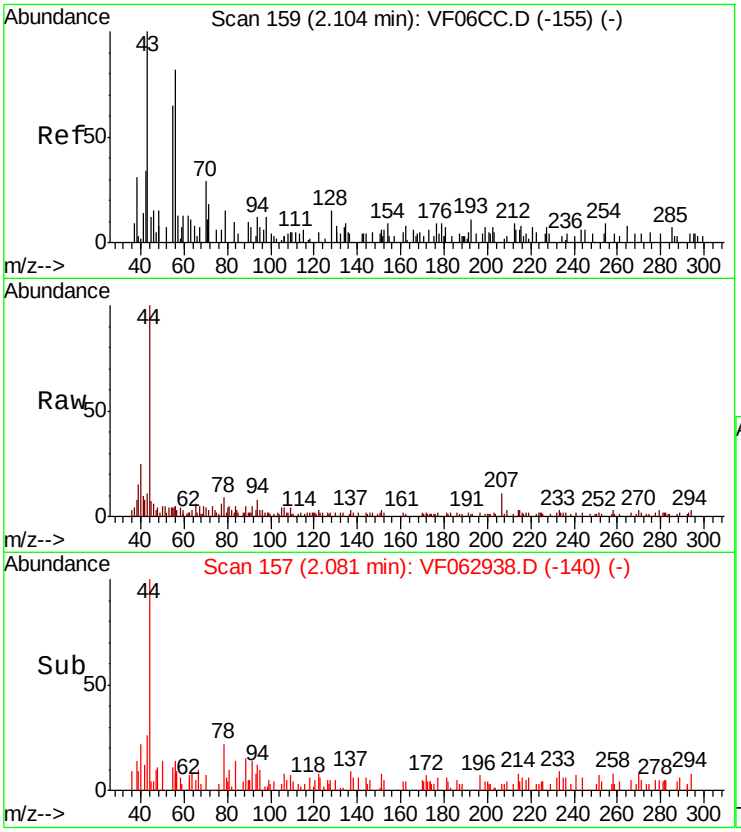


#11
Tert butyl alcohol
Concen: 6.459 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.02 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion: 59 Resp: 1399

Ion	Ratio	Lower	Upper
59	100		
57	74.6	9.2	13.8#



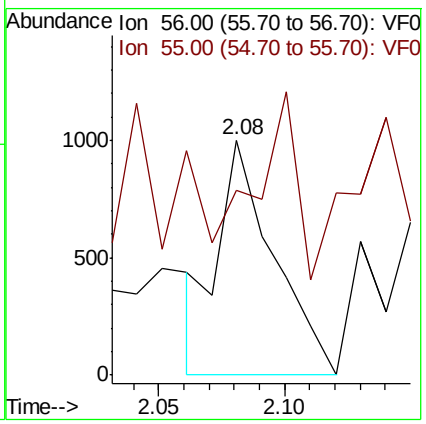


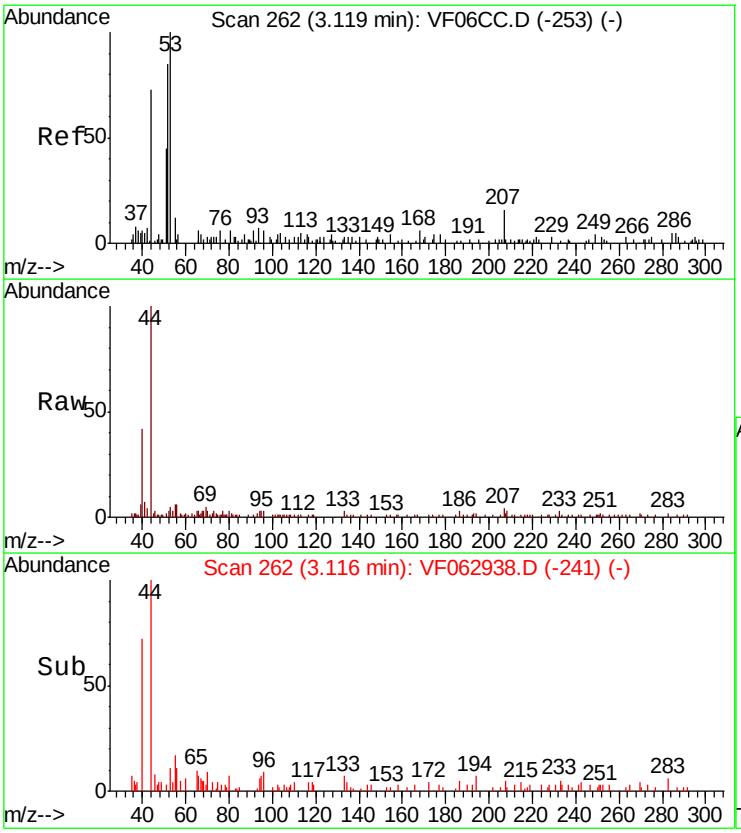
#13
Acrolein
Concen: 9.619 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.03 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 1513

Ion	Ratio	Lower	Upper
56	100		
55	59.9	52.9	79.3

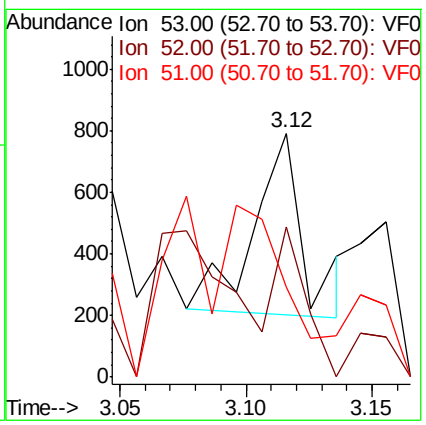


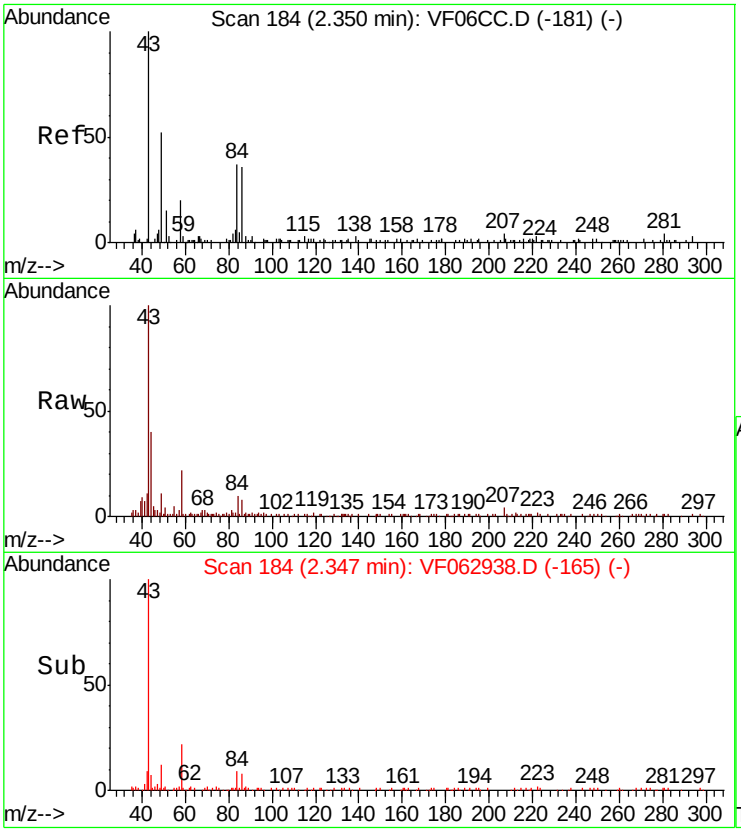


#15
Acrylonitrile
Concen: 1.006 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.00 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion: 53 Resp: 819

Ion	Ratio	Lower	Upper
53	100		
52	61.6	68.1	102.1#
51	37.2	27.7	41.5



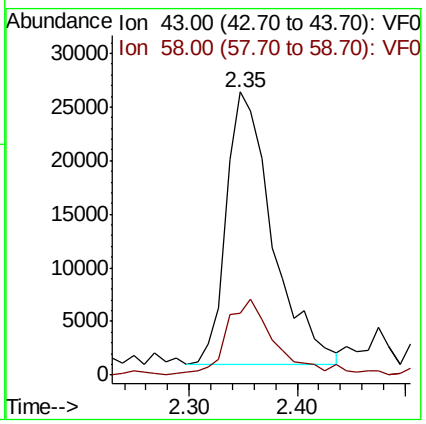


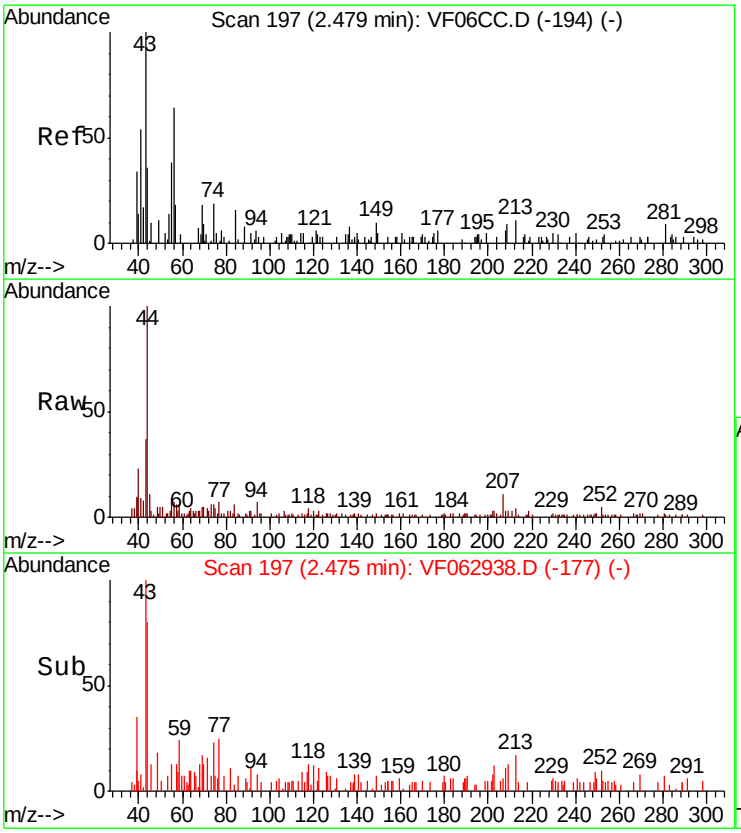
#16
Acetone
Concen: 92.328 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.02 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 75550

Ion	Ratio	Lower	Upper
43	100		
58	21.9	19.0	28.4

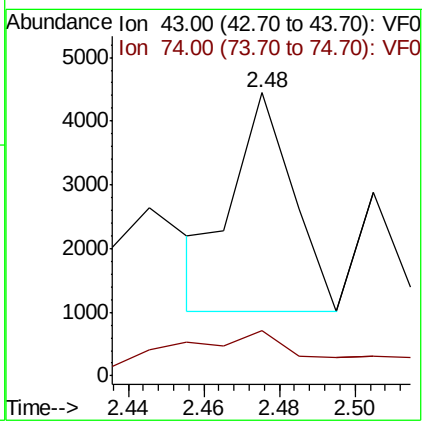


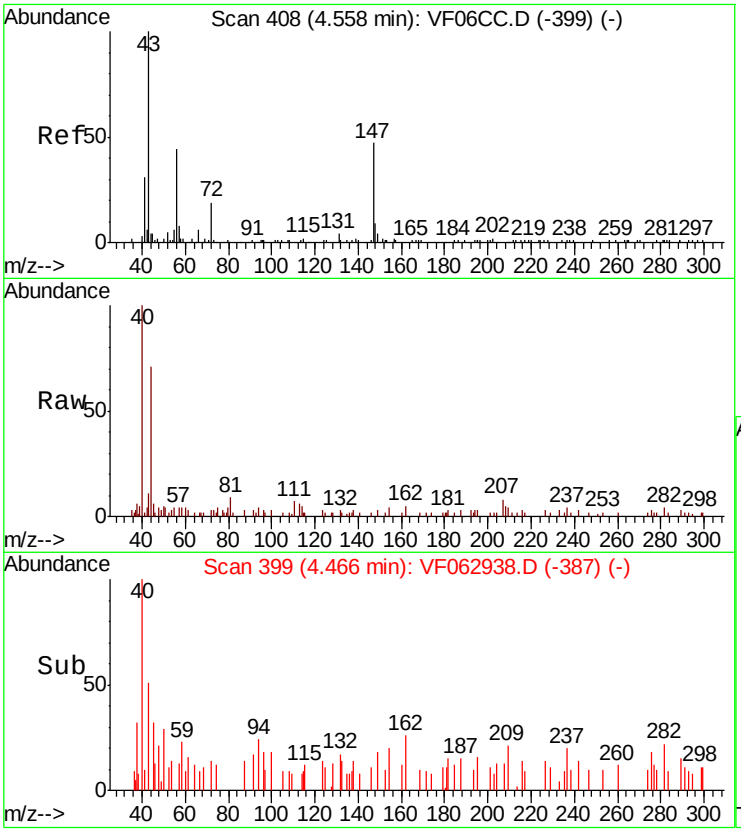


#18
Methyl Acetate
Concen: 2.611 ug/l
RT: 2.48 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion: 43 Resp: 3733

Ion	Ratio	Lower	Upper
43	100		
74	16.0	22.1	33.1#



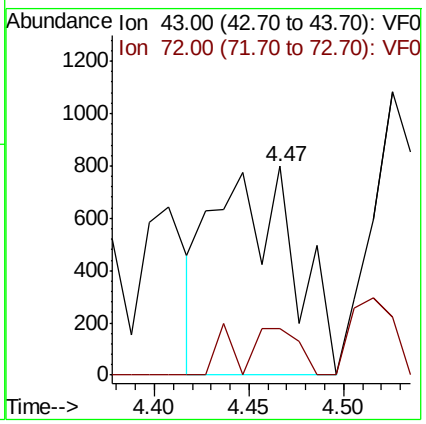


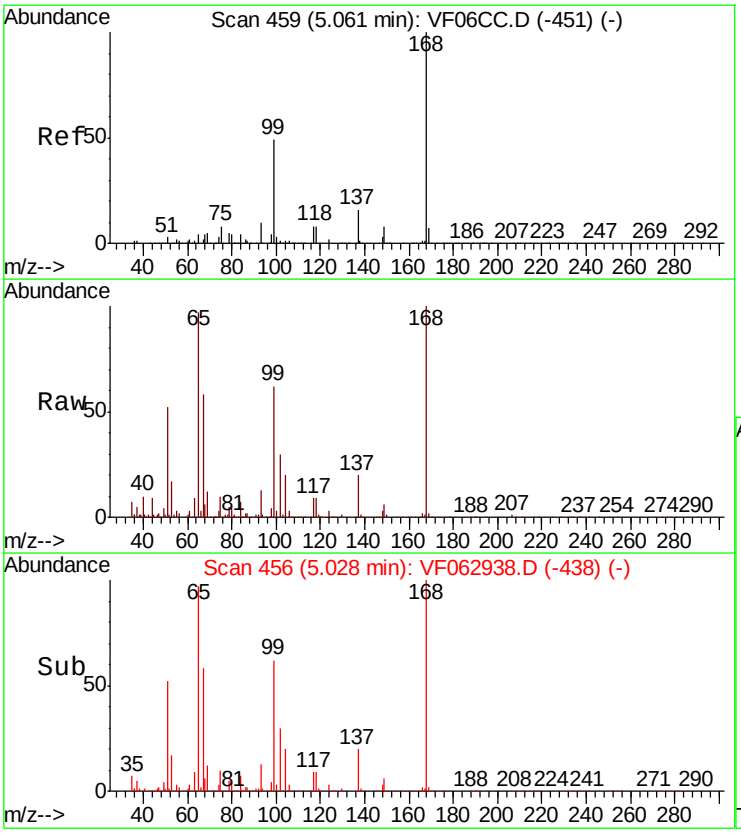
#25
2-Butanone
Concen: 1.224 ug/l
RT: 4.47 min Scan# 399
Delta R.T. -0.08 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2333

Ion	Ratio	Lower	Upper
43	100		
72	22.6	21.4	32.0

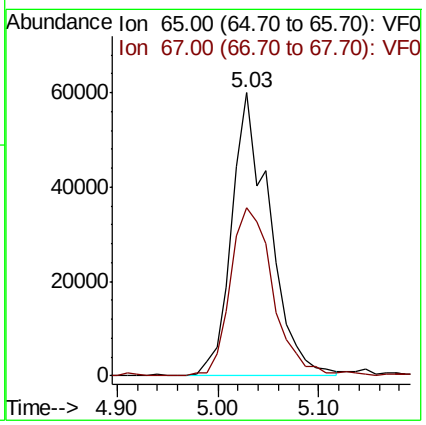


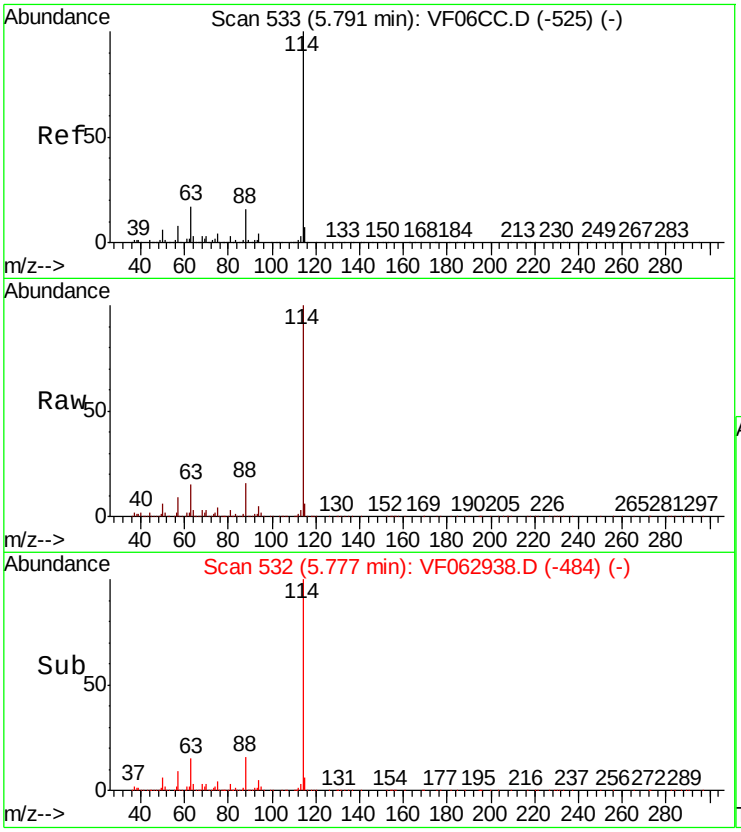


#33
1,2-Dichloroethane-d4
Concen: 43.826 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.03 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion: 65 Resp: 156685

Ion	Ratio	Lower	Upper
65	100		
67	59.4	0.0	121.2



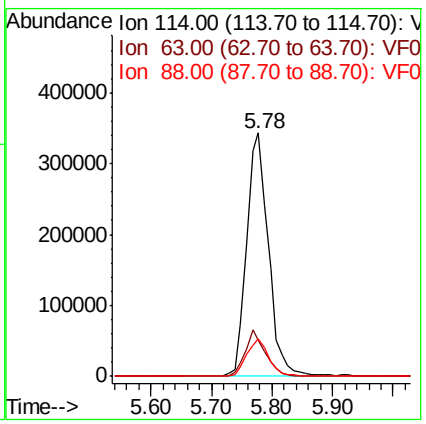


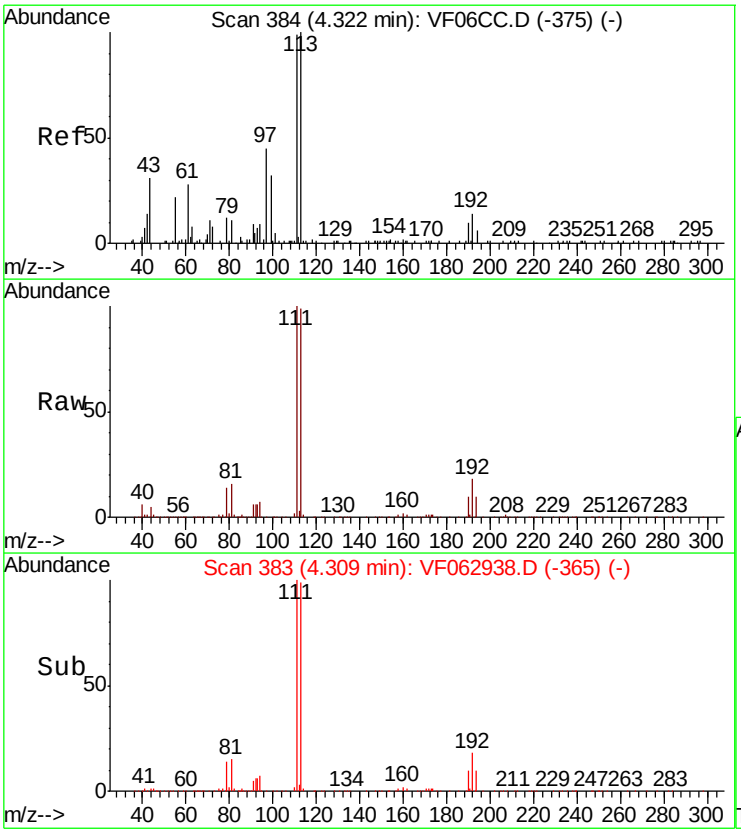
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.03 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 860153

Ion	Ratio	Lower	Upper
114	100		
63	14.8	0.0	34.2
88	15.6	0.0	31.2

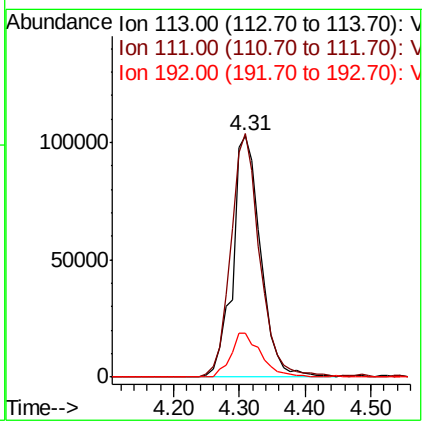


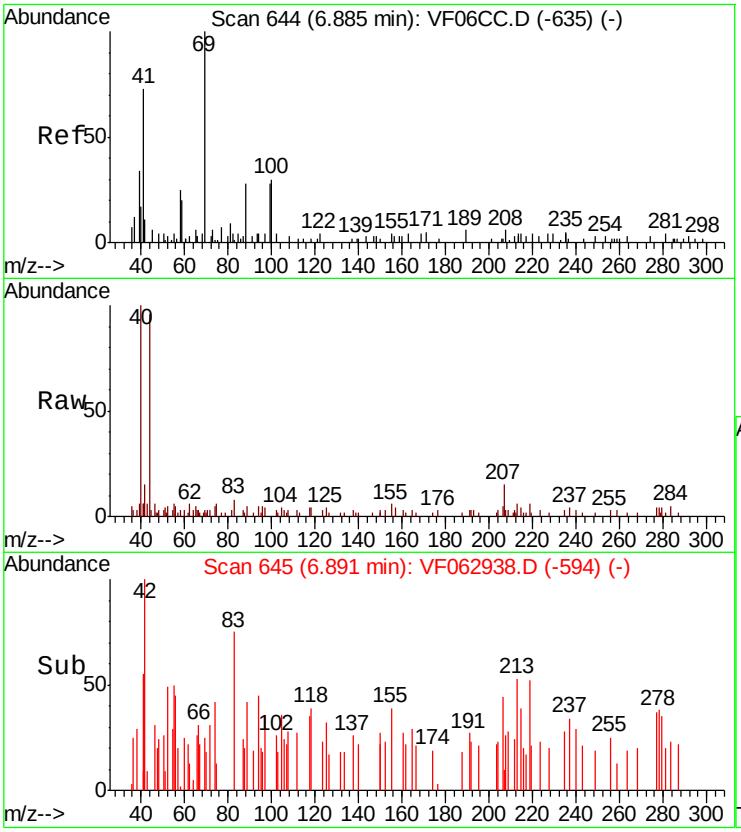


#35
Dibromofluoromethane
Concen: 47.046 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.03 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion:113 Resp: 305791

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	18.3	15.1	22.7



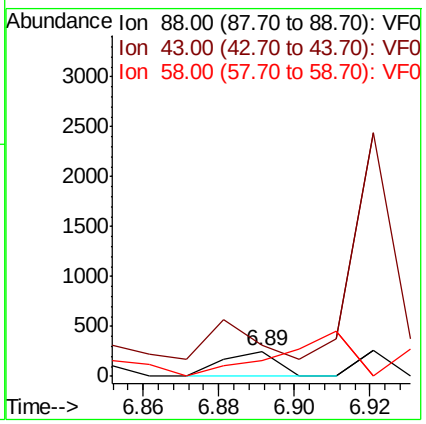


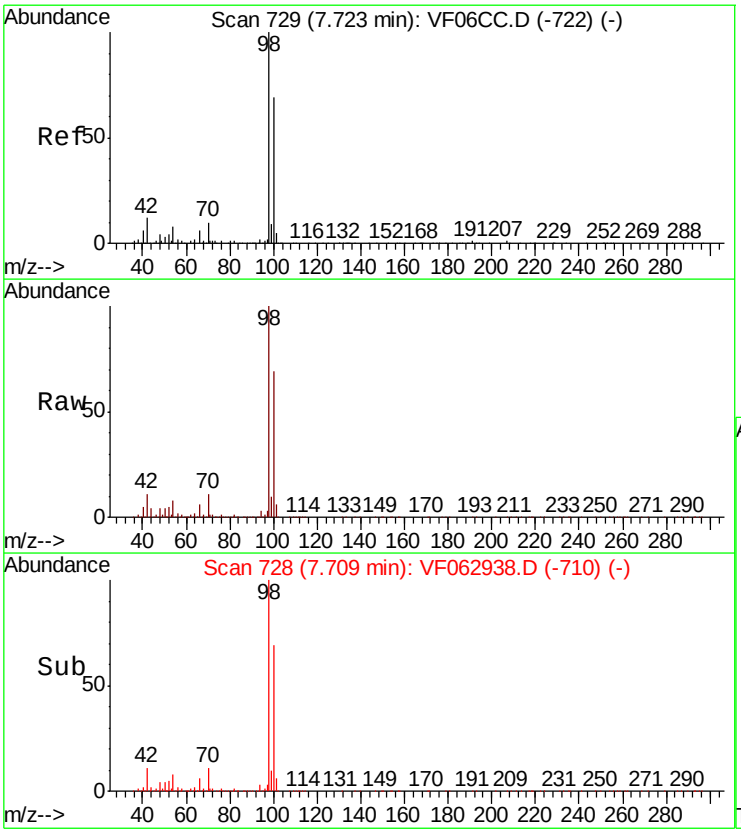
#49
1,4-Dioxane
Concen: 9.240 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.00 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 251

Ion	Ratio	Lower	Upper
88	100		
43	122.0	34.8	52.2#
58	63.4	59.9	89.9

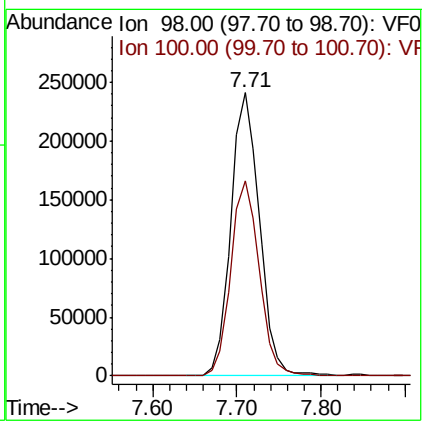


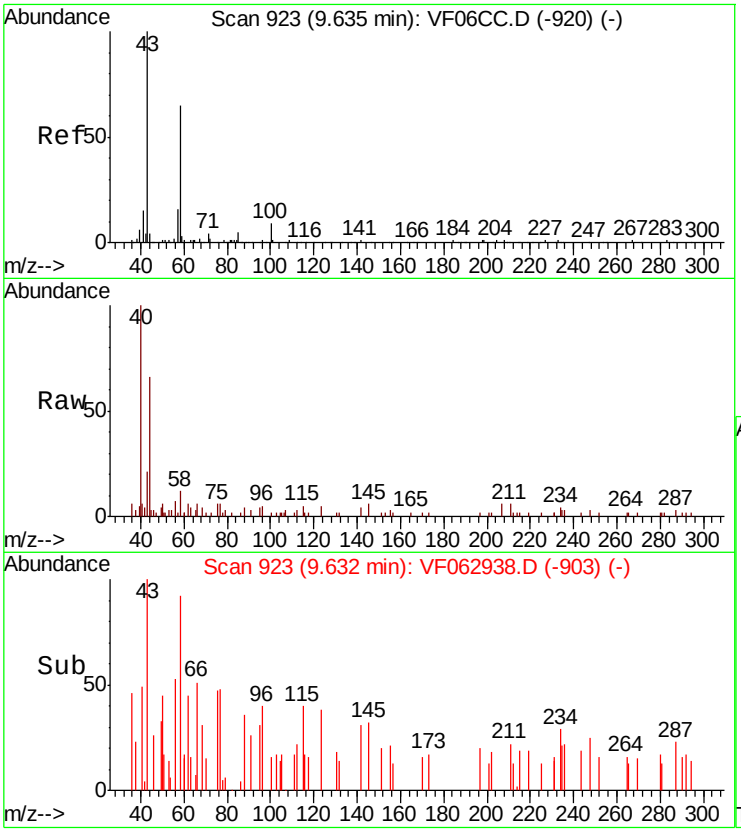


#50
Toluene-d8
Concen: 34.758 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.03 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion: 98 Resp: 571300

Ion	Ratio	Lower	Upper
98	100		
100	69.0	59.8	89.8



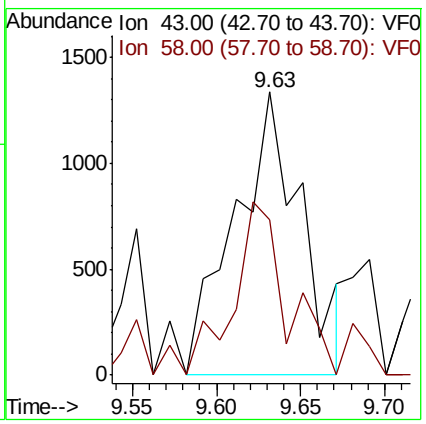


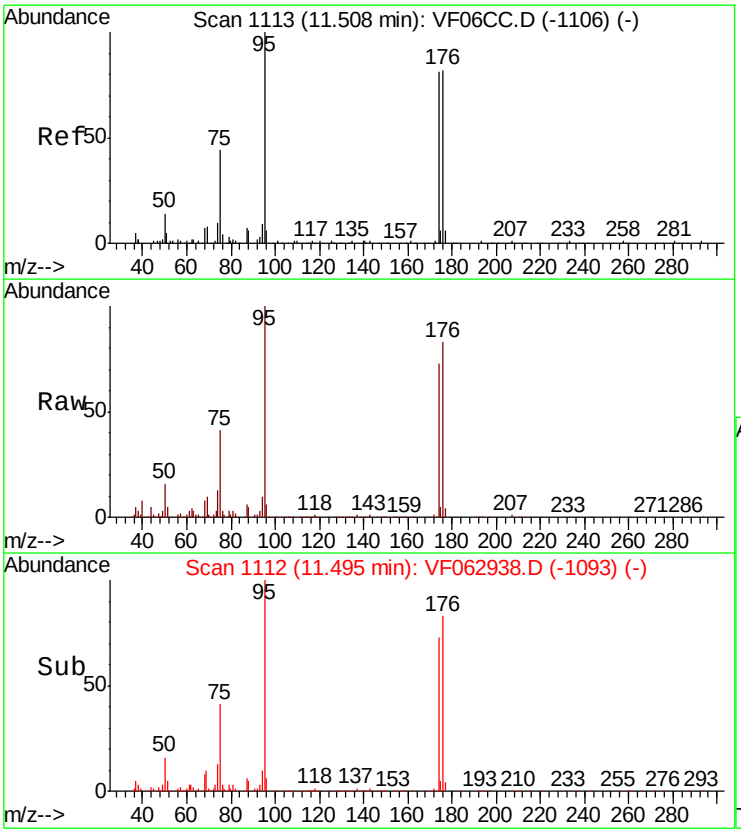
#59
2-Hexanone
Concen: 1.805 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3672

Ion	Ratio	Lower	Upper
43	100		
58	54.9	29.3	87.9

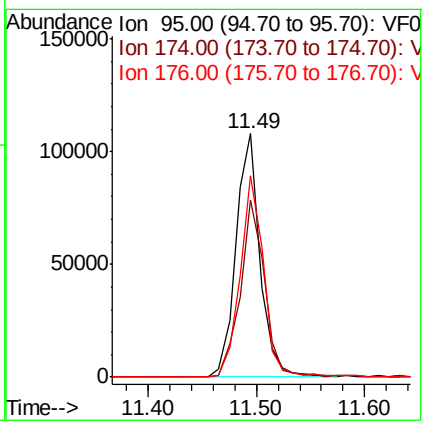


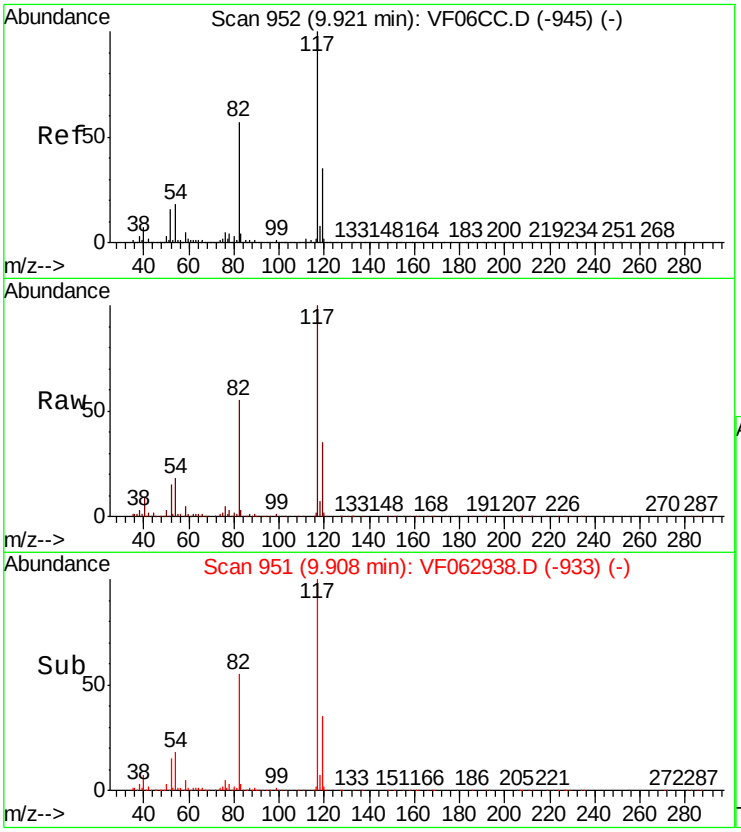


#62
4-Bromofluorobenzene
Concen: 28.240 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion: 95 Resp: 166965

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	170.6
176	82.5	0.0	170.6



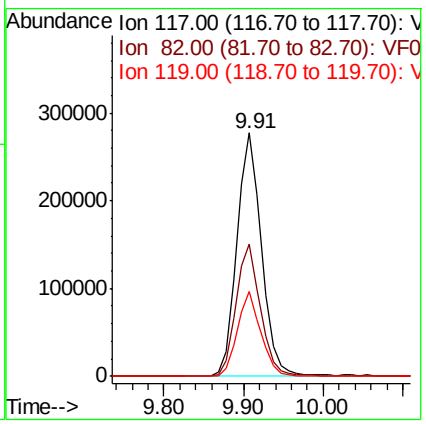


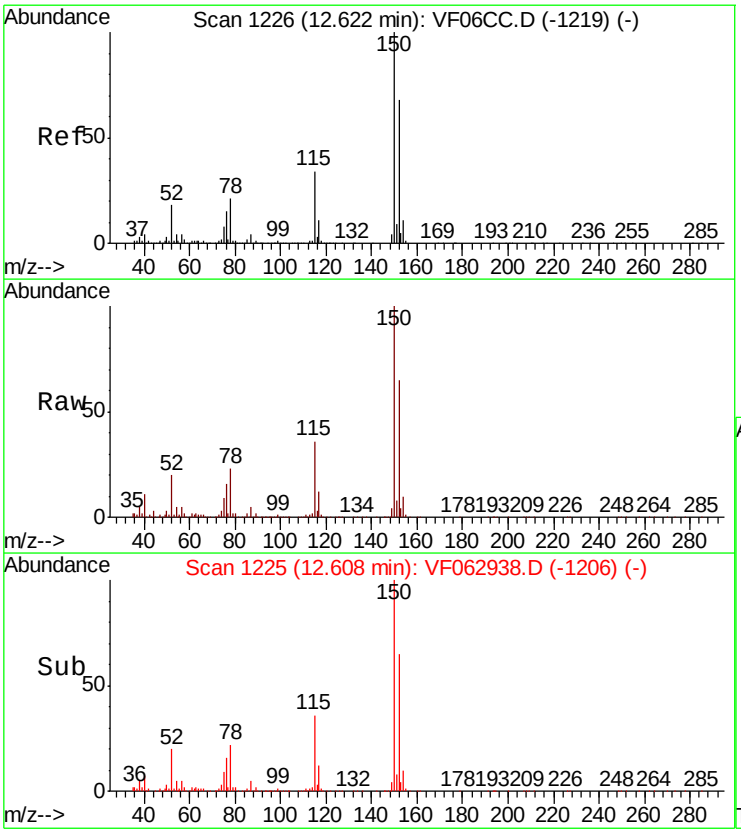
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 594287

Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.4	63.6
119	34.9	27.1	40.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062938.D
Acq: 12 Jun 2019 20:08

Tgt Ion:152 Resp: 191879

Ion	Ratio	Lower	Upper
152	100		
115	54.3	24.6	74.0
150	152.7	0.0	290.6