Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061818\
Data File : VF059178.D
Acq On : 18 Jun 2018 16:25
Operator : VA/AP
Sample : J3566-11
Misc : 5.78g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-7

Quant Time: Jun 19 02:56:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	116142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	165163	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	153658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	90729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	75792	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.62%			
35) Dibromofluoromethane	4.29	113	66801	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.28%			
50) Toluene-d8	7.71	98	164949	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.90%			
62) 4-Bromofluorobenzene	11.50	95	87577	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
Target Compounds						Qvalue
3) Chloromethane	1.10	50	1371	1.346	ug/l #	41
11) Tert butyl alcohol	2.69	59	773	8.565	ug/l #	71
13) Acrolein	2.09	56	373	4.775	ug/l #	1
15) Acrylonitrile	3.09	53	215	1.199	ug/l #	1
16) Acetone	2.33	43	8096	24.073	ug/l #	84
18) Methyl Acetate	2.59	43	1142	1.975	ug/l	100
20) Methylene Chloride	2.27	84	5598	6.952	ug/l #	80
25) 2-Butanone	4.51	43	1053	2.020	ug/l #	56
29) Tetrahydrofuran	4.26	42	598	2.603	ug/l #	45
49) 1,4-Dioxane	6.70	88	80	25.026	ug/l #	16
59) 2-Hexanone	9.63	43	1393	1.940	ug/l #	26
89) n-Butylbenzene	12.93	91	1425	Below Cal	#	28

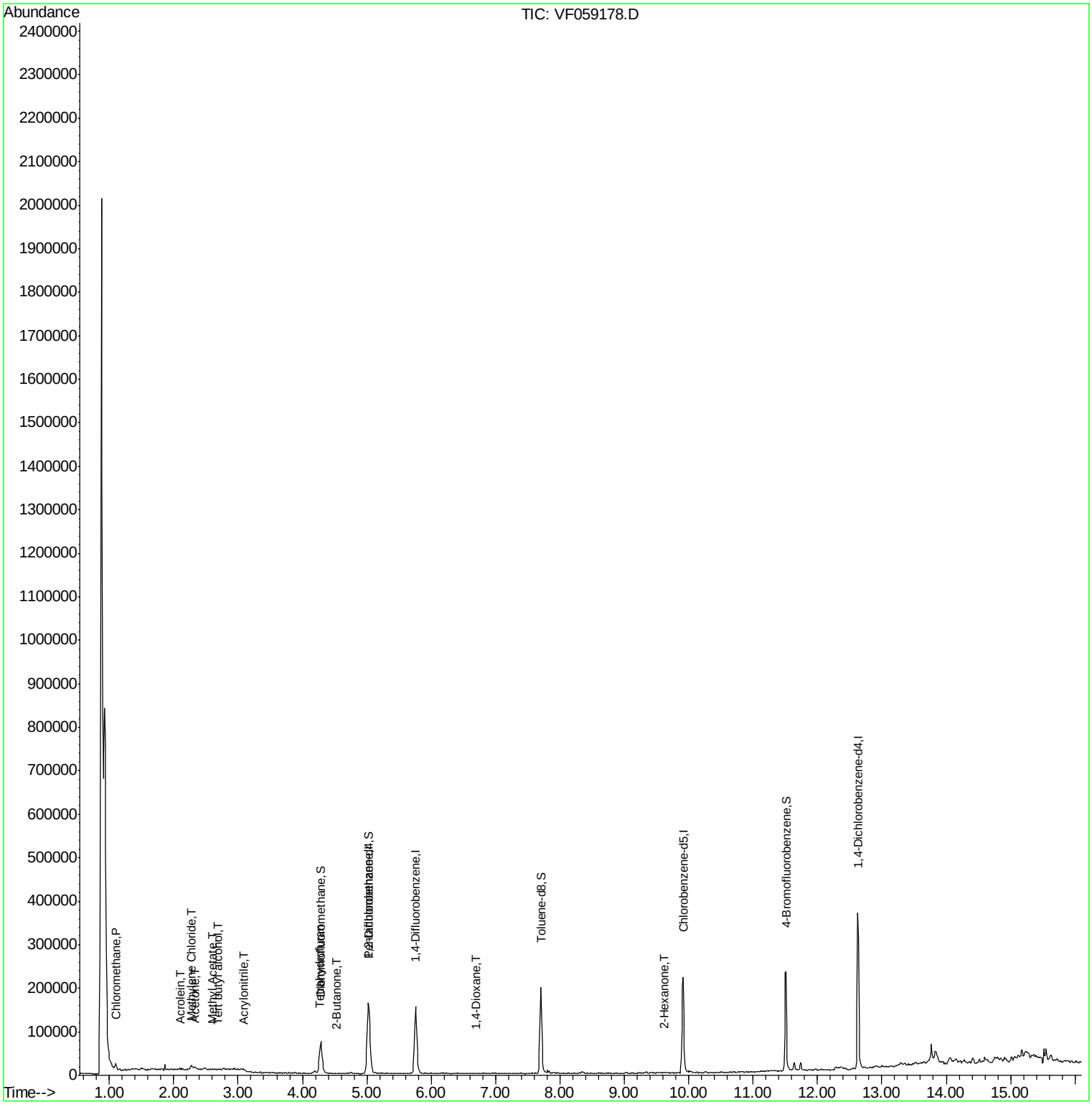
(#) = qualifier out of range (m) = manual integration (+) = signals summed

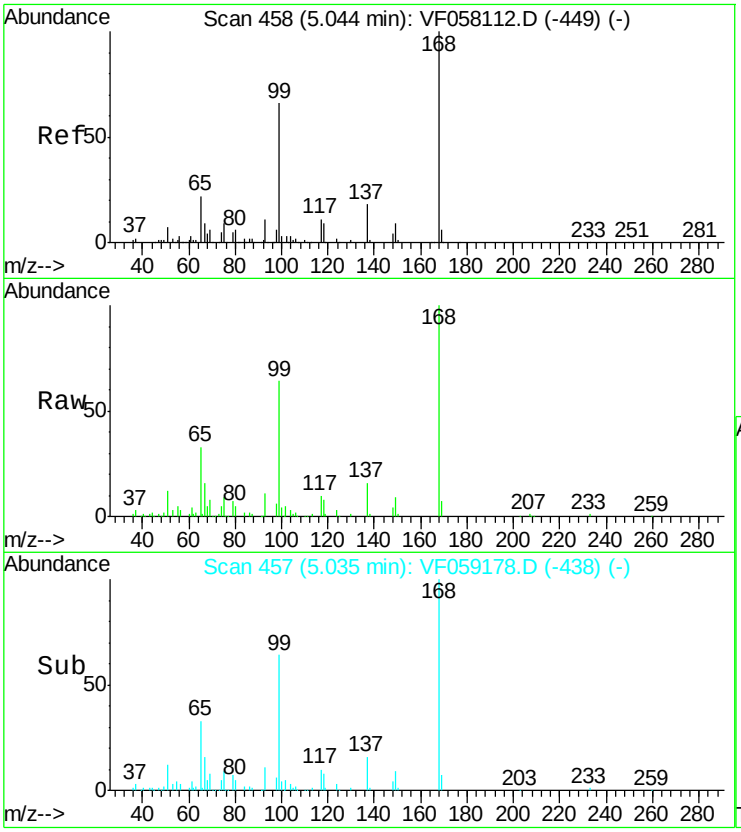
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061818\
Data File : VF059178.D
Acq On : 18 Jun 2018 16:25
Operator : VA/AP
Sample : J3566-11
Misc : 5.78g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Quant Time: Jun 19 02:56:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration



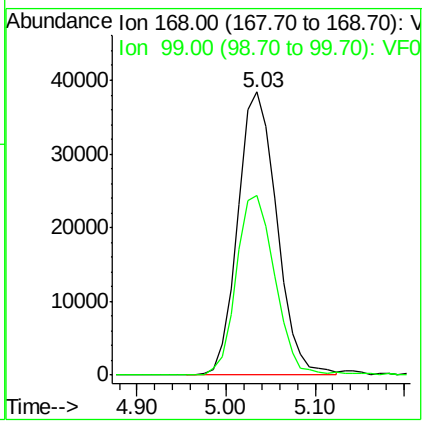


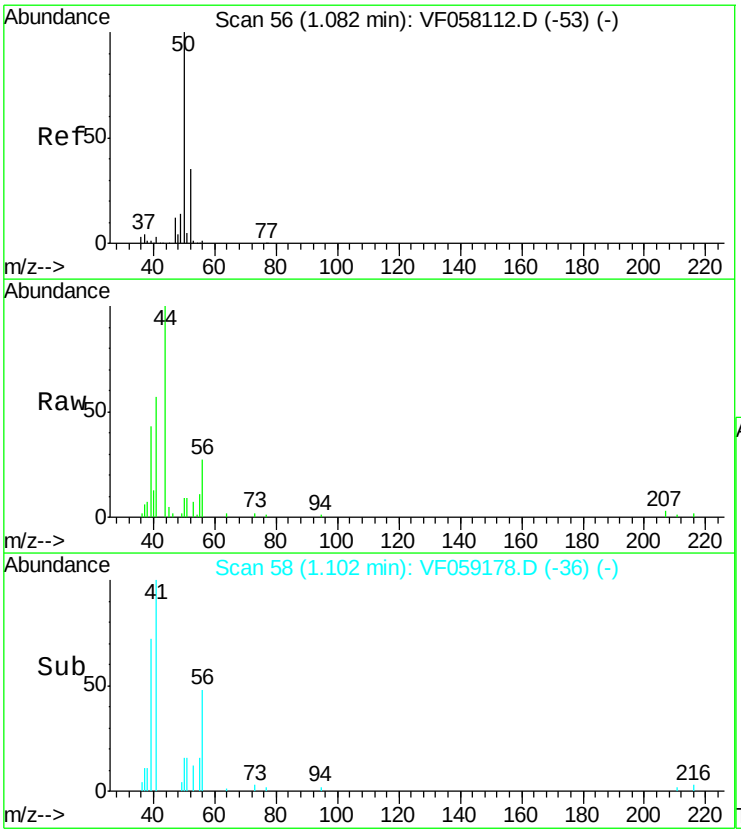
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tgt Ion:168 Resp: 116142

Ion	Ratio	Lower	Upper
168	100		
99	63.6	52.9	79.3

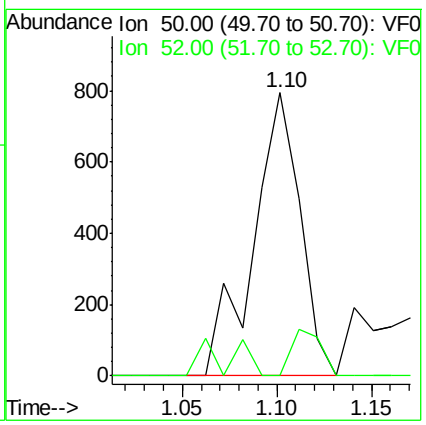


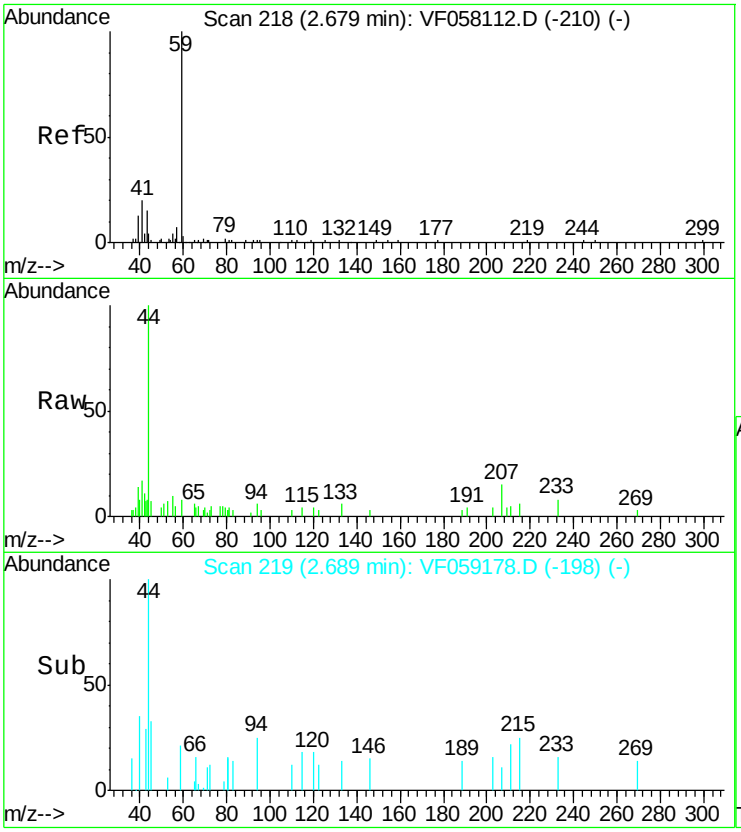


#3
Chloromethane
Concen: 1.346 ug/l
RT: 1.10 min Scan# 58
Delta R.T. 0.02 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion: 50 Resp: 1371

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.3	40.9#



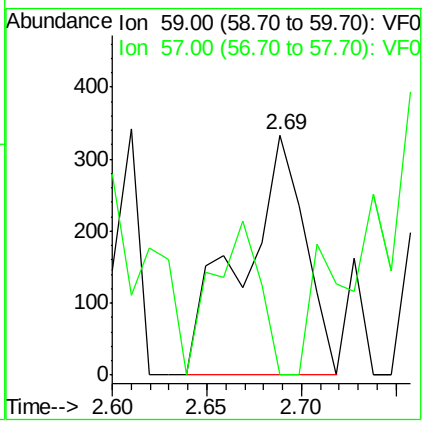


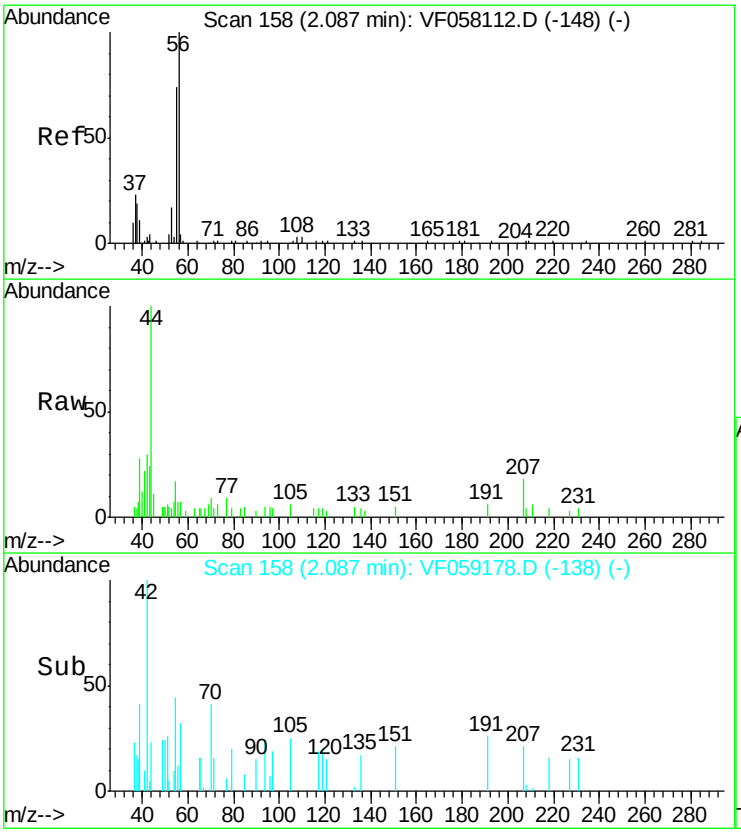
#11
Tert butyl alcohol
Concen: 8.565 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument : MSVOA_F
ClientSampleId : TP-7

Tgt Ion: 59 Resp: 773

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

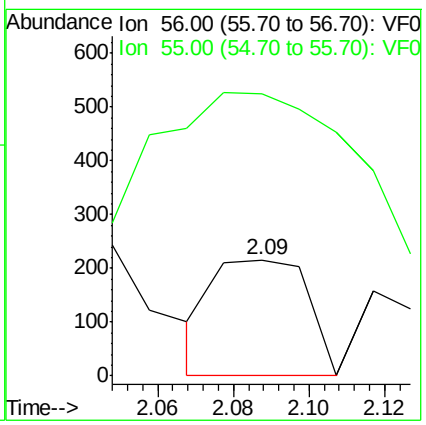


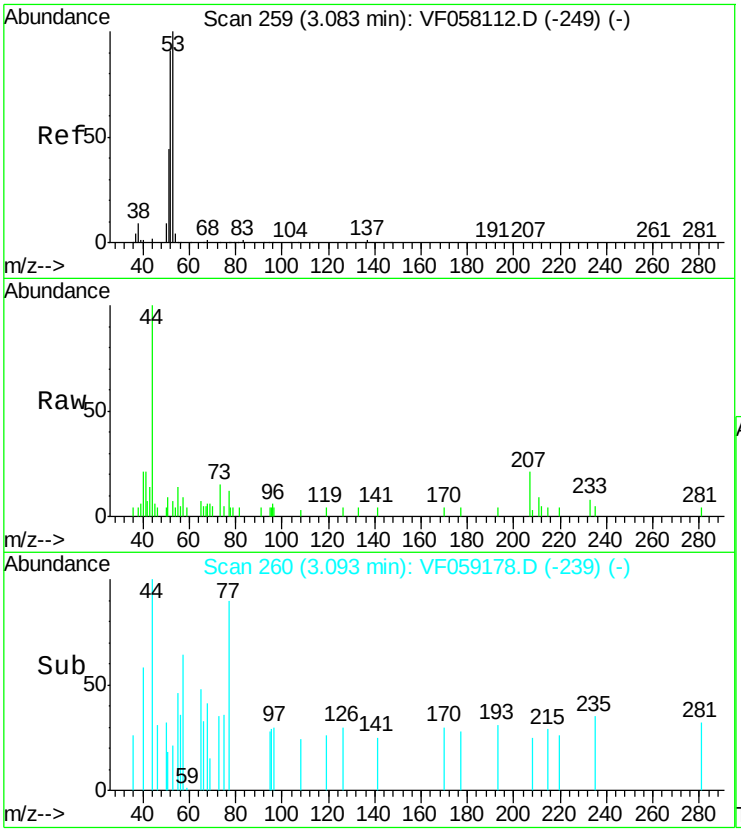


#13
Acrolein
Concen: 4.775 ug/l
RT: 2.09 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion: 56 Resp: 373

Ion	Ratio	Lower	Upper
56	100		
55	243.5	60.0	90.0#



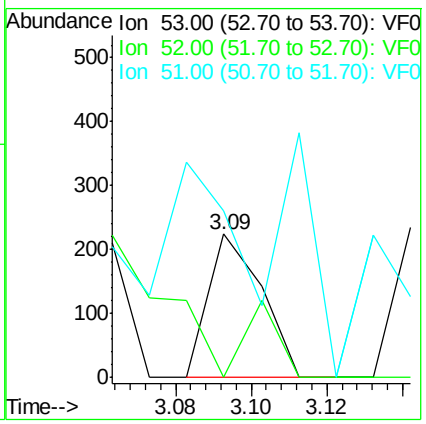


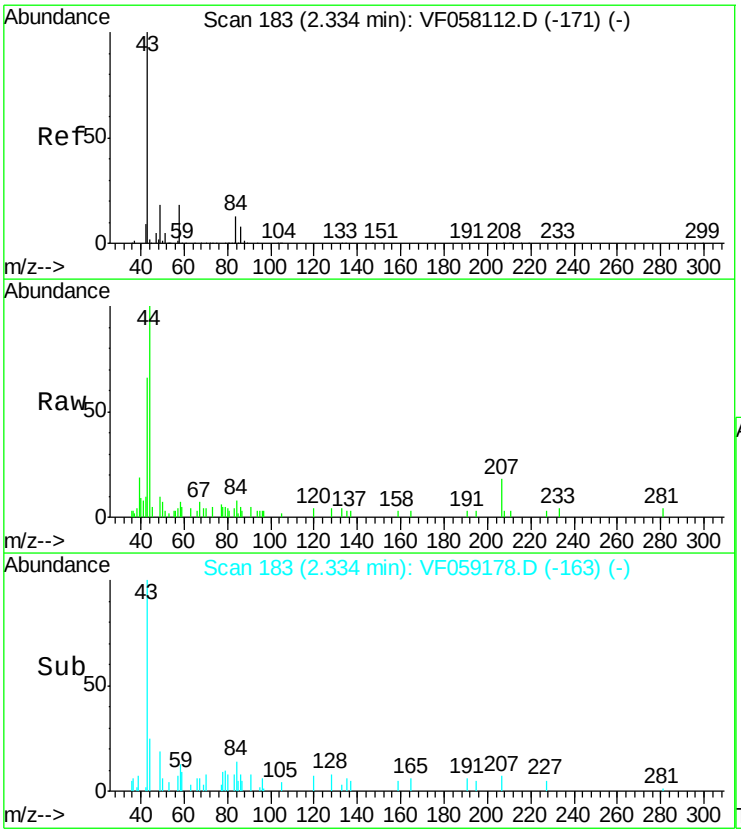
#15
Acrylonitrile
Concen: 1.199 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tgt Ion: 53 Resp: 215

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	116.6	35.6	53.4#

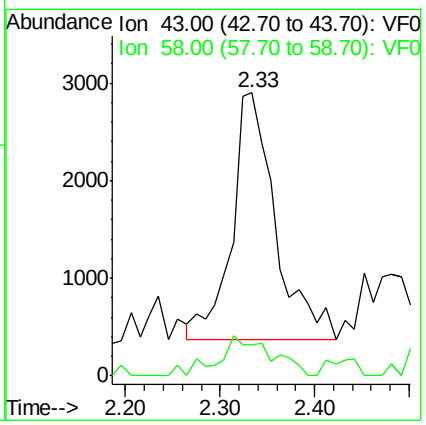


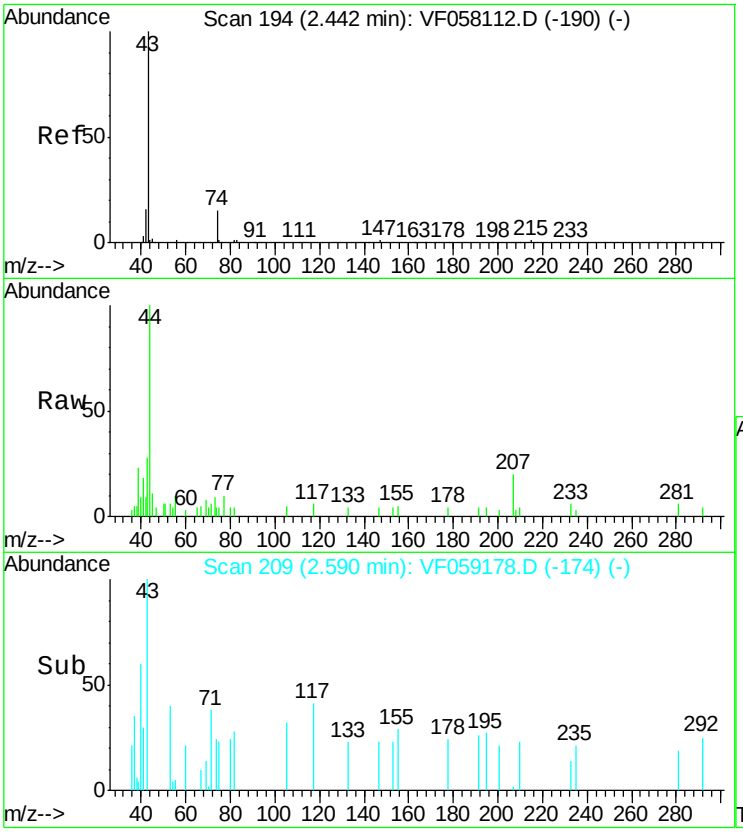


#16
Acetone
Concen: 24.073 ug/l
RT: 2.33 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion: 43 Resp: 8096

Ion	Ratio	Lower	Upper
43	100		
58	10.9	14.4	21.6#



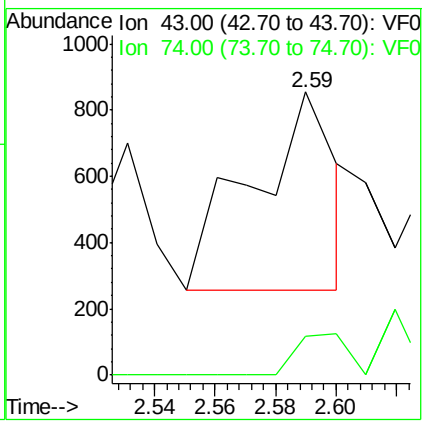


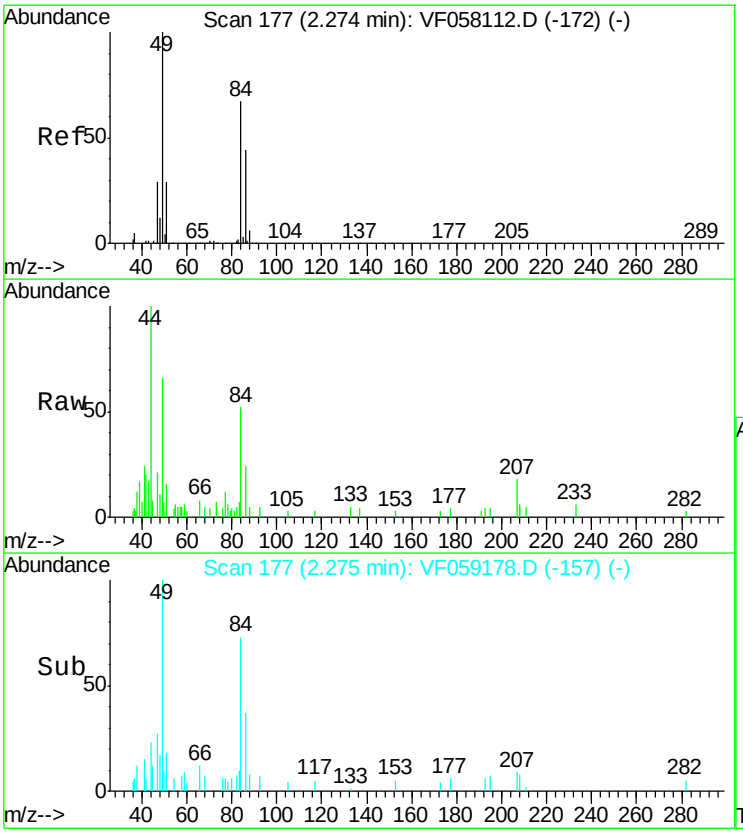
#18
Methyl Acetate
Concen: 1.975 ug/l
RT: 2.59 min Scan# 209
Delta R.T. 0.15 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument : MSVOA_F
ClientSampleId : TP-7

Tgt Ion: 43 Resp: 1142

Ion	Ratio	Lower	Upper
43	100		
74	13.6	10.9	16.3

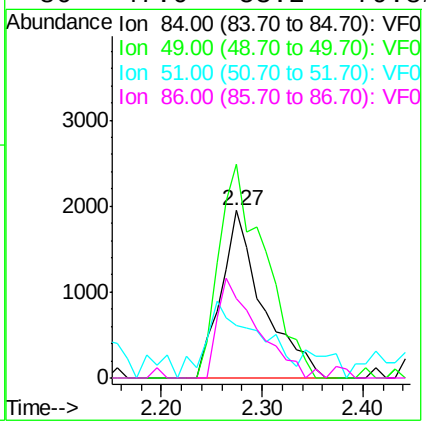


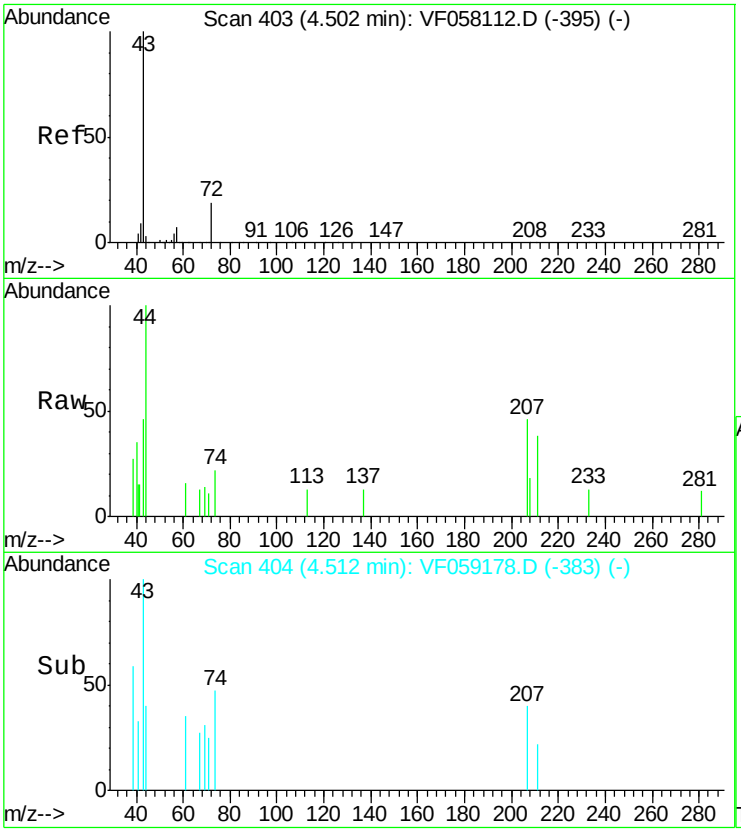


#20
Methylene Chloride
Concen: 6.952 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion: 84 Resp: 5598

Ion	Ratio	Lower	Upper
84	100		
49	127.4	121.0	181.4
51	31.6	35.8	53.6#
86	47.0	53.2	79.8#



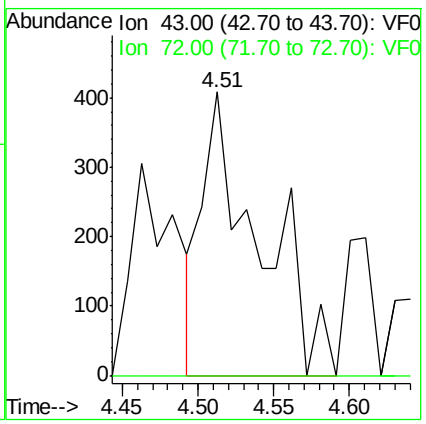


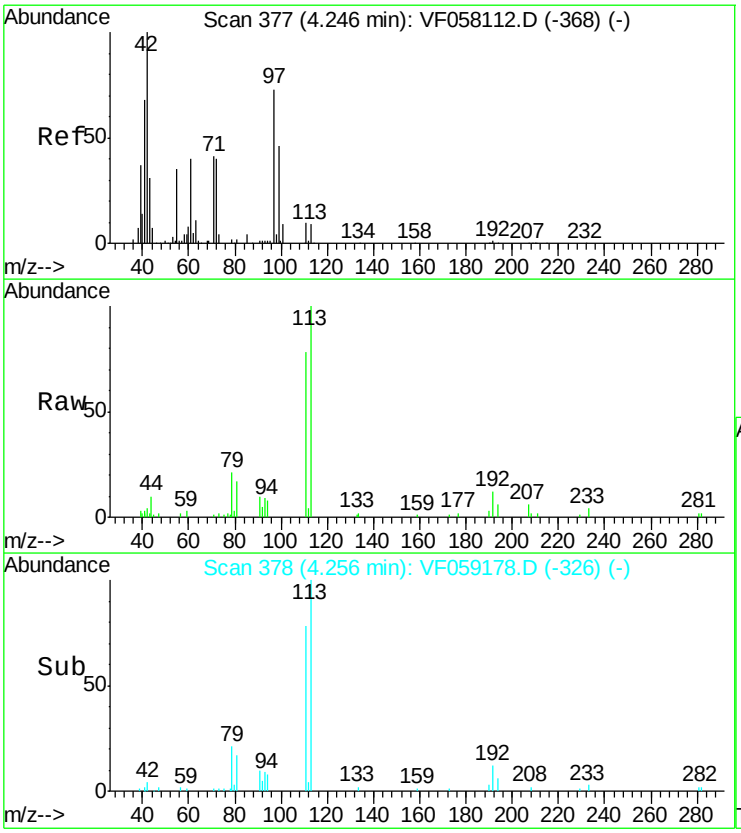
#25
2-Butanone
Concen: 2.020 ug/l
RT: 4.51 min Scan# 404
Delta R.T. 0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tgt Ion: 43 Resp: 1053

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#

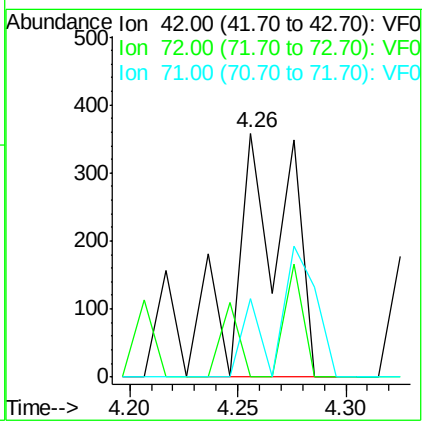


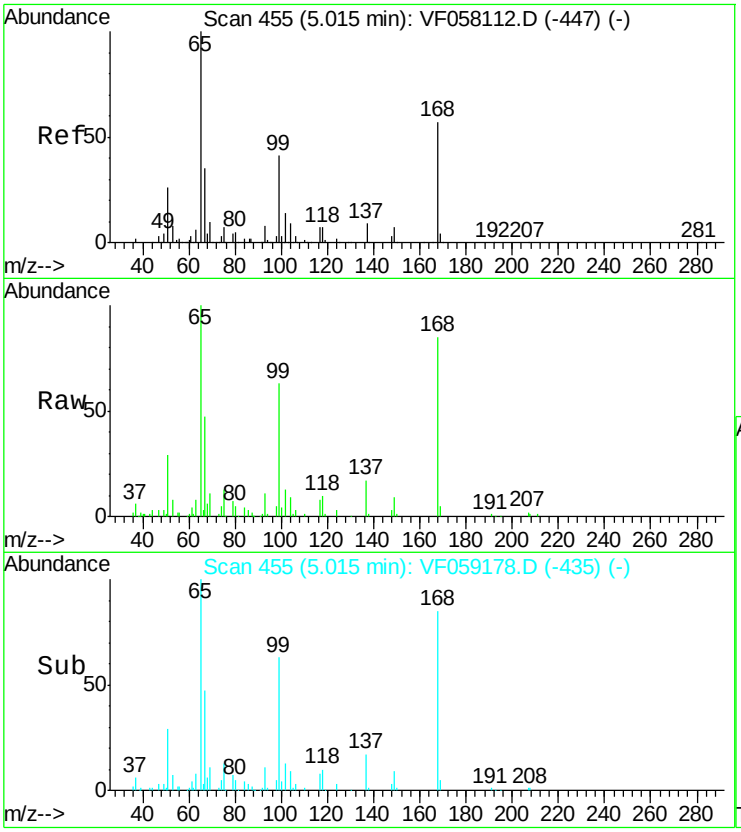


#29
Tetrahydrofuran
Concen: 2.603 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion: 42 Resp: 598

Ion	Ratio	Lower	Upper
42	100		
72	10.9	30.5	45.7#
71	0.0	31.5	47.3#



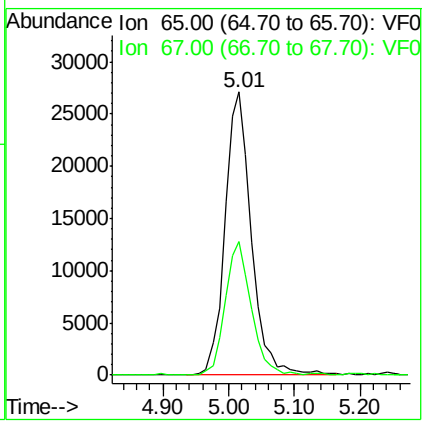


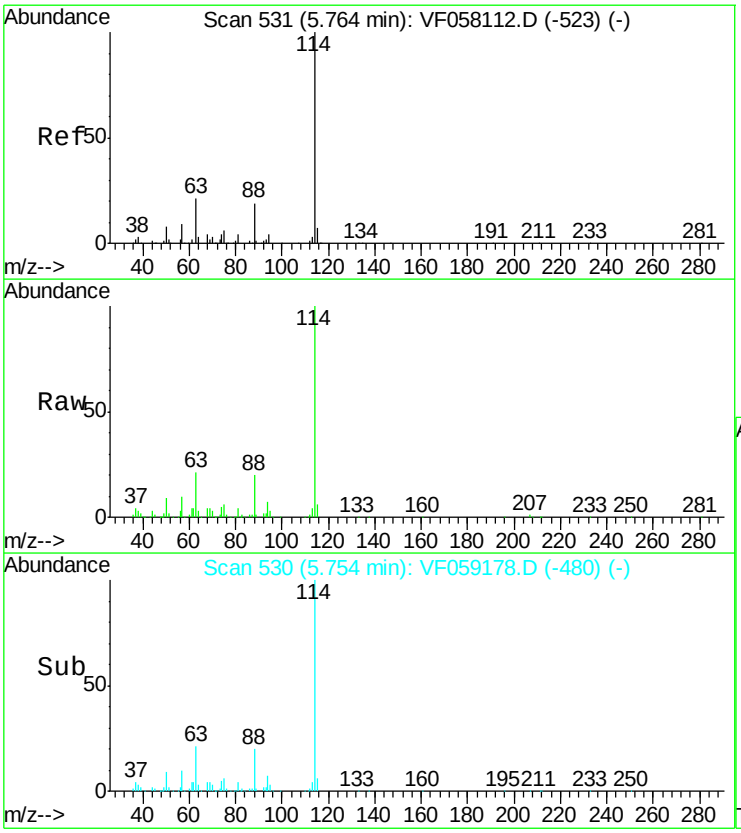
#33
1,2-Dichloroethane-d4
Concen: 53.808 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument : MSVOA_F
ClientSampleId : TP-7

Tgt Ion: 65 Resp: 75792

Ion	Ratio	Lower	Upper
65	100		
67	47.2	0.0	97.0

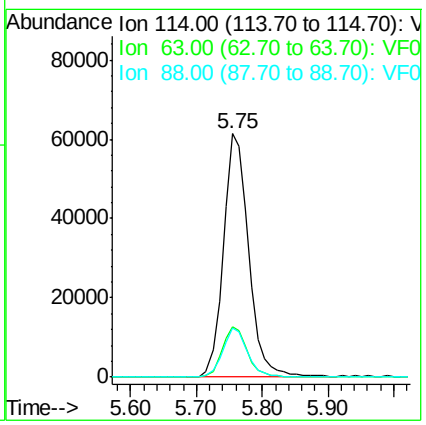


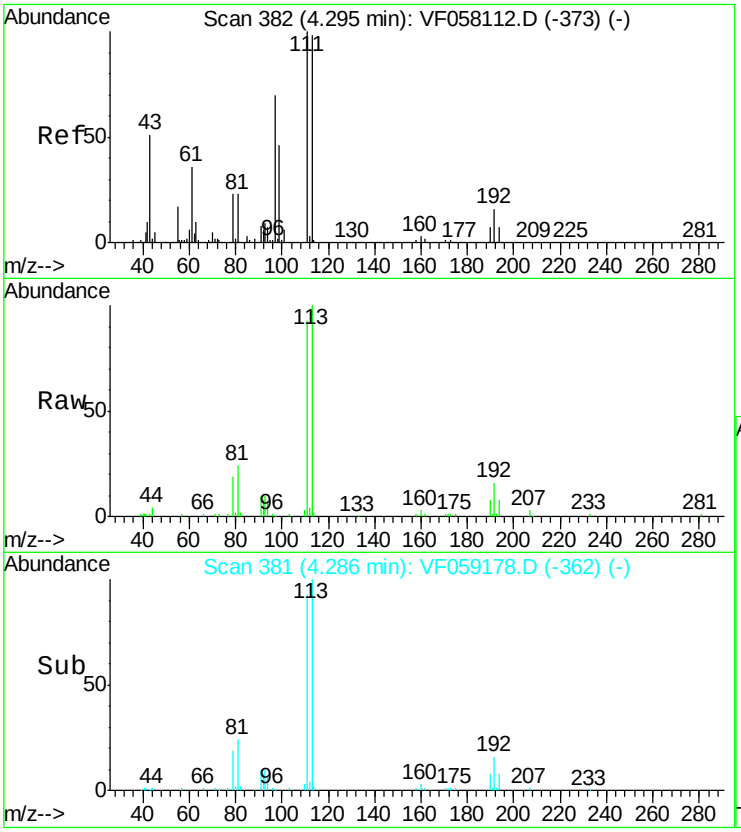


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion:114 Resp: 165163

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.6
88	20.4	0.0	38.8



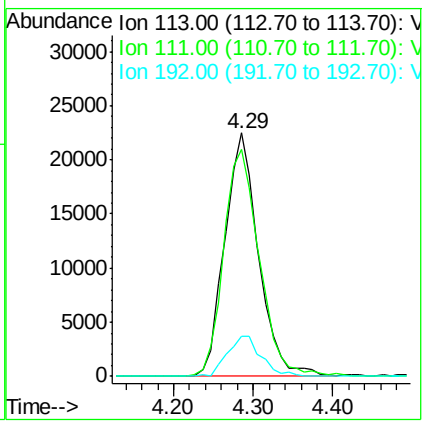


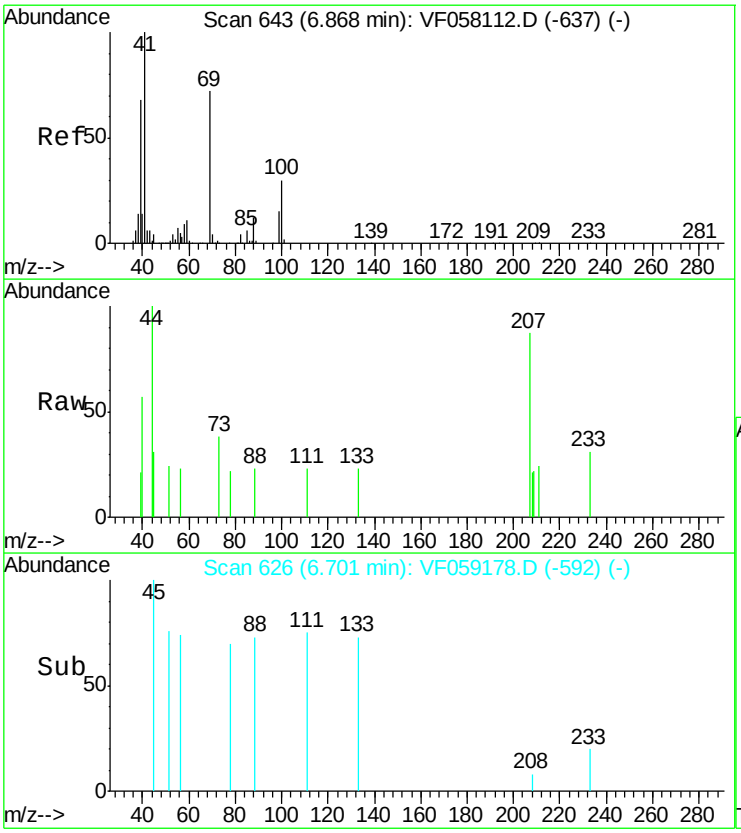
#35
Dibromofluoromethane
Concen: 57.641 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tgt Ion:113 Resp: 66801

Ion	Ratio	Lower	Upper
113	100		
111	93.1	81.3	121.9
192	16.4	12.7	19.1

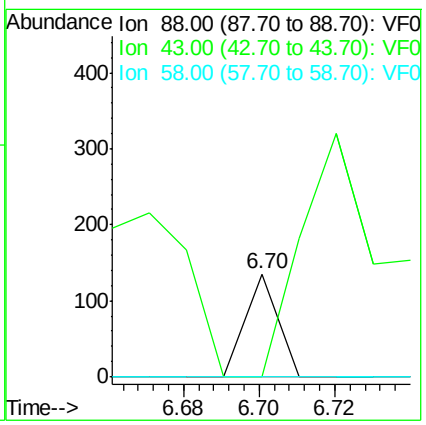


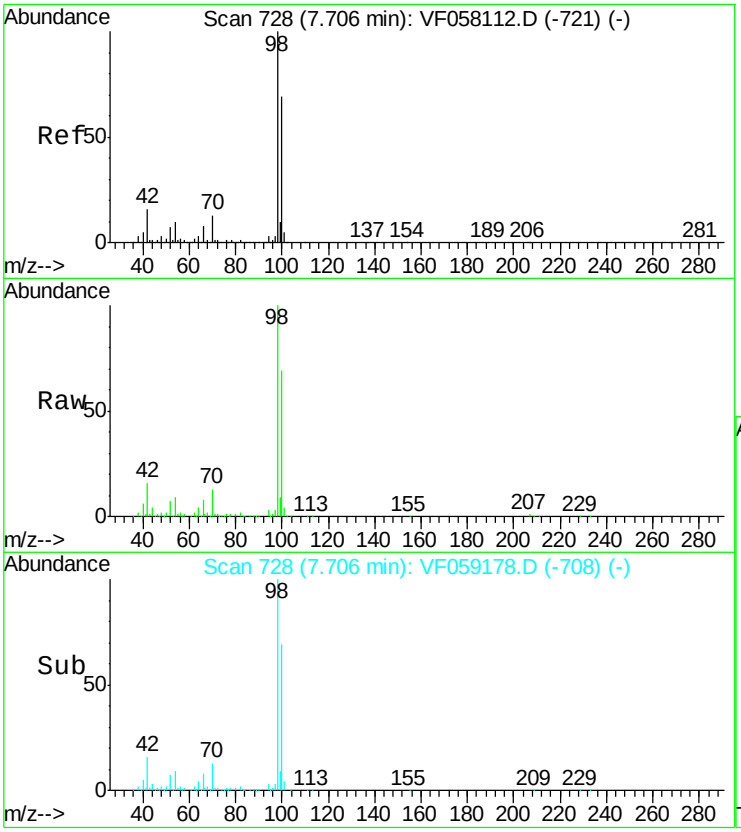


#49
1,4-Dioxane
Concen: 25.026 ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.17 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	0.0	47.8	71.8#
58	0.0	59.4	89.0#



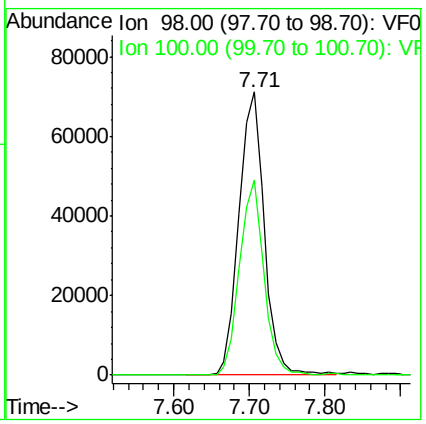


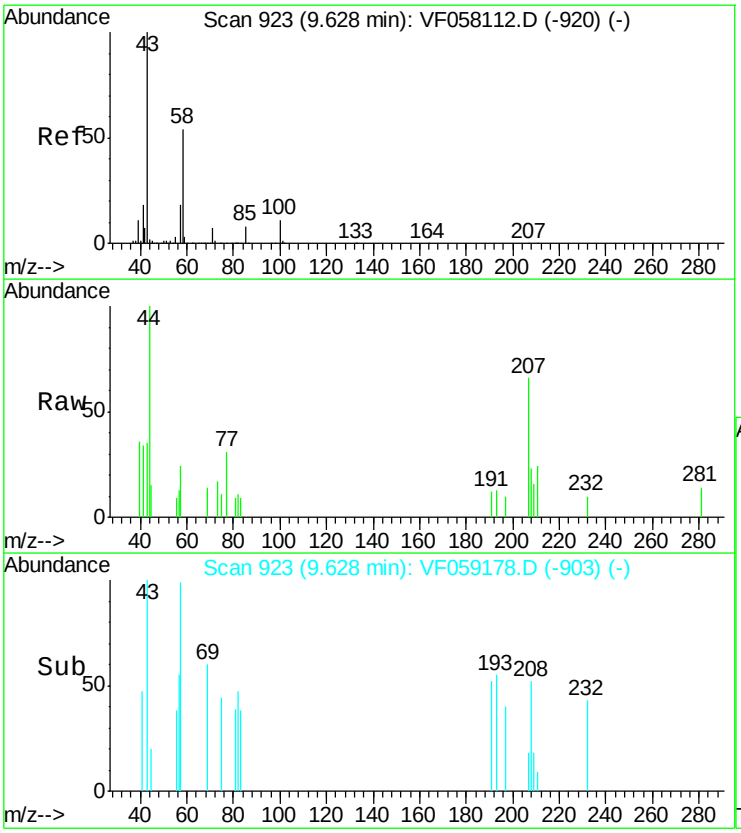
#50
Toluene-d8
Concen: 48.448 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument : MSVOA_F
ClientSampleId : TP-7

Tgt Ion: 98 Resp: 164949

Ion	Ratio	Lower	Upper
98	100		
100	69.1	55.6	83.4

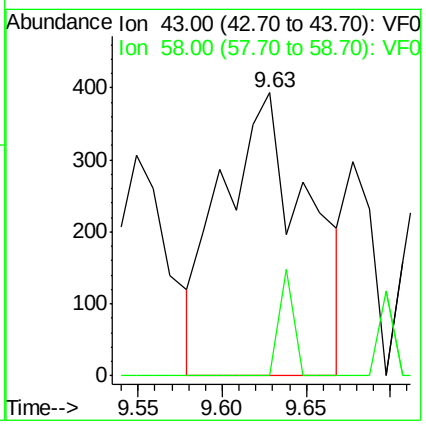


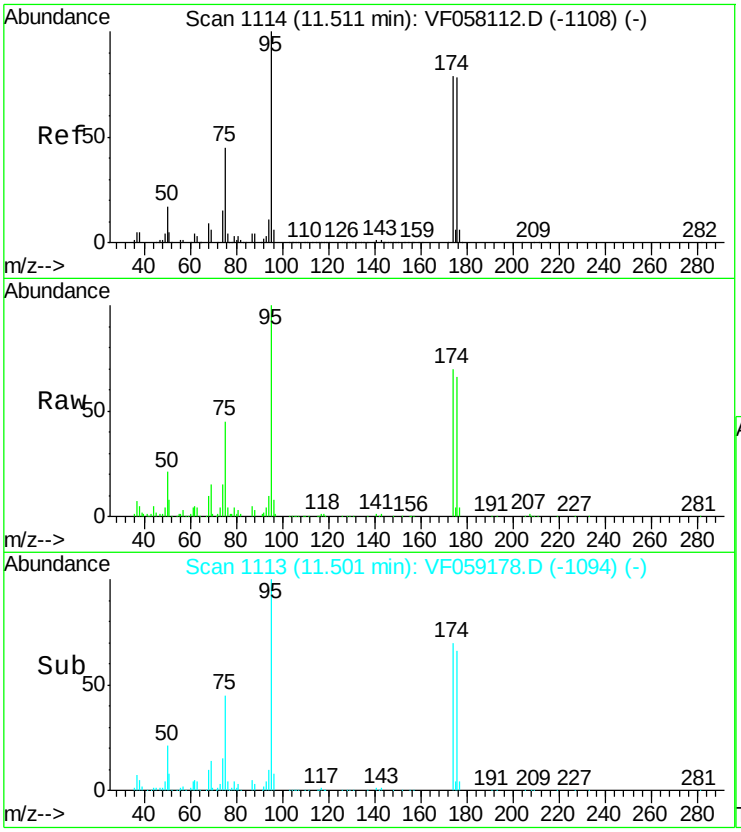


#59
2-Hexanone
Concen: 1.940 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion: 43 Resp: 1393

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.3	78.8#



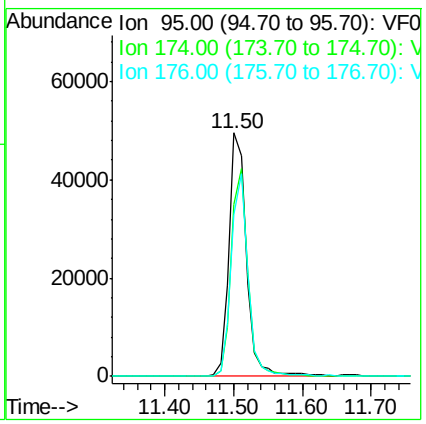


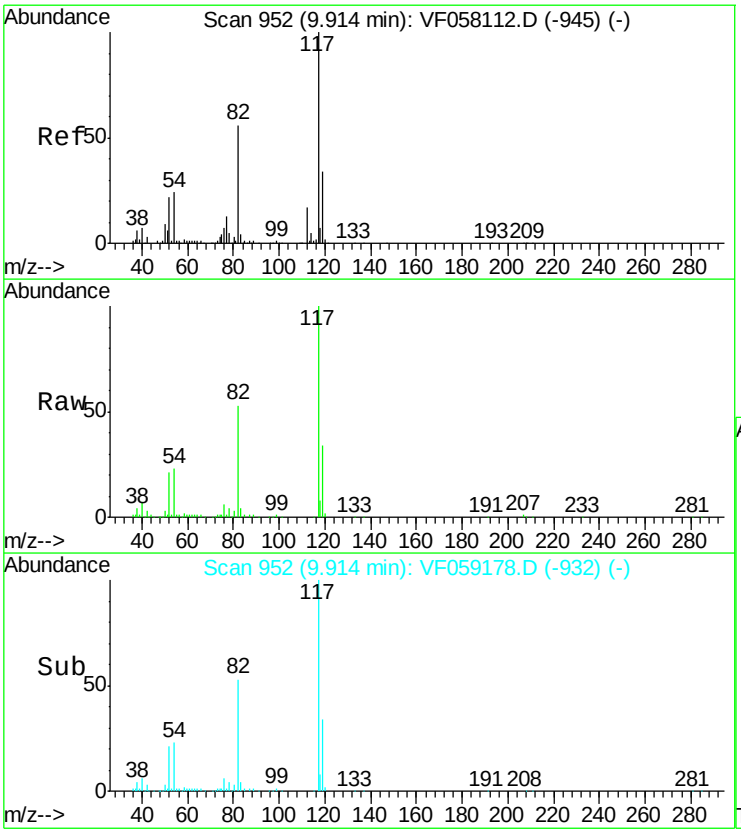
#62
4-Bromofluorobenzene
Concen: 50.152 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tgt Ion: 95 Resp: 87577

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	157.8
176	66.4	0.0	155.8

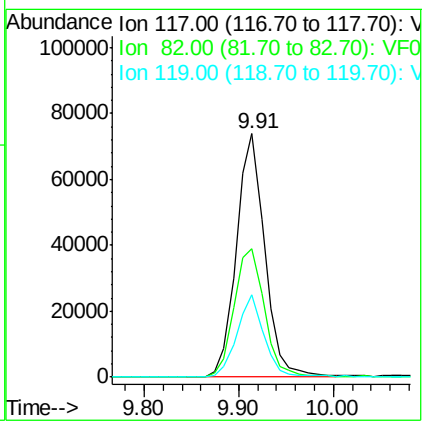


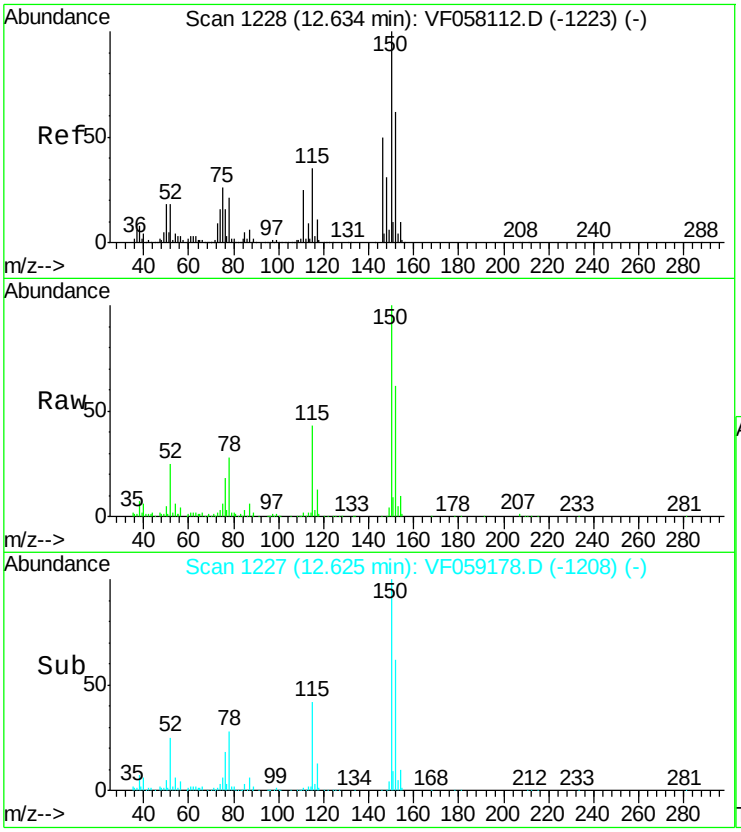


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Tgt Ion:117 Resp: 153658

Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.2	67.8
119	33.8	27.5	41.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059178.D
Acq: 18 Jun 2018 16:25

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 90729

Ion	Ratio	Lower	Upper
152	100		
115	68.8	28.5	85.5
150	161.2	0.0	323.8