Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061818\
Data File : VF059183.D
Acq On : 18 Jun 2018 18:43
Operator : VA/AP
Sample : J3567-11
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-11-S

Quant Time: Jun 19 02:57:27 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	225980	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	351935	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	330819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	204516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	143761	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.90%			
35) Dibromofluoromethane	4.29	113	130592	52.88	ug/l	-0.01
Spiked Amount 50.000			Recovery = 105.76%			
50) Toluene-d8	7.71	98	320188	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.28%			
62) 4-Bromofluorobenzene	11.51	95	171594	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.24%			
Target Compounds						Qvalue
8) Diethyl Ether	1.71	74	796	1.139	ug/l	67
11) Tert butyl alcohol	2.68	59	270	1.538	ug/l #	1
13) Acrolein	2.20	56	406	2.671	ug/l	86
15) Acrylonitrile	3.06	53	379	1.087	ug/l #	27
16) Acetone	2.34	43	11389	17.405	ug/l #	76
18) Methyl Acetate	2.47	43	2858	2.541	ug/l #	66
20) Methylene Chloride	2.26	84	4875	3.111	ug/l #	91
25) 2-Butanone	4.53	43	1030	1.015	ug/l #	53
29) Tetrahydrofuran	4.26	42	809	1.810	ug/l #	61
30) Chloroform	4.03	83	28538	5.728	ug/l	90
49) 1,4-Dioxane	6.53	88	69	17.934	ug/l #	35
58) 2-Chloroethyl Vinyl ether	7.70	63	304	1.632	ug/l	100
89) n-Butylbenzene	12.90	91	908	Below Cal	#	41

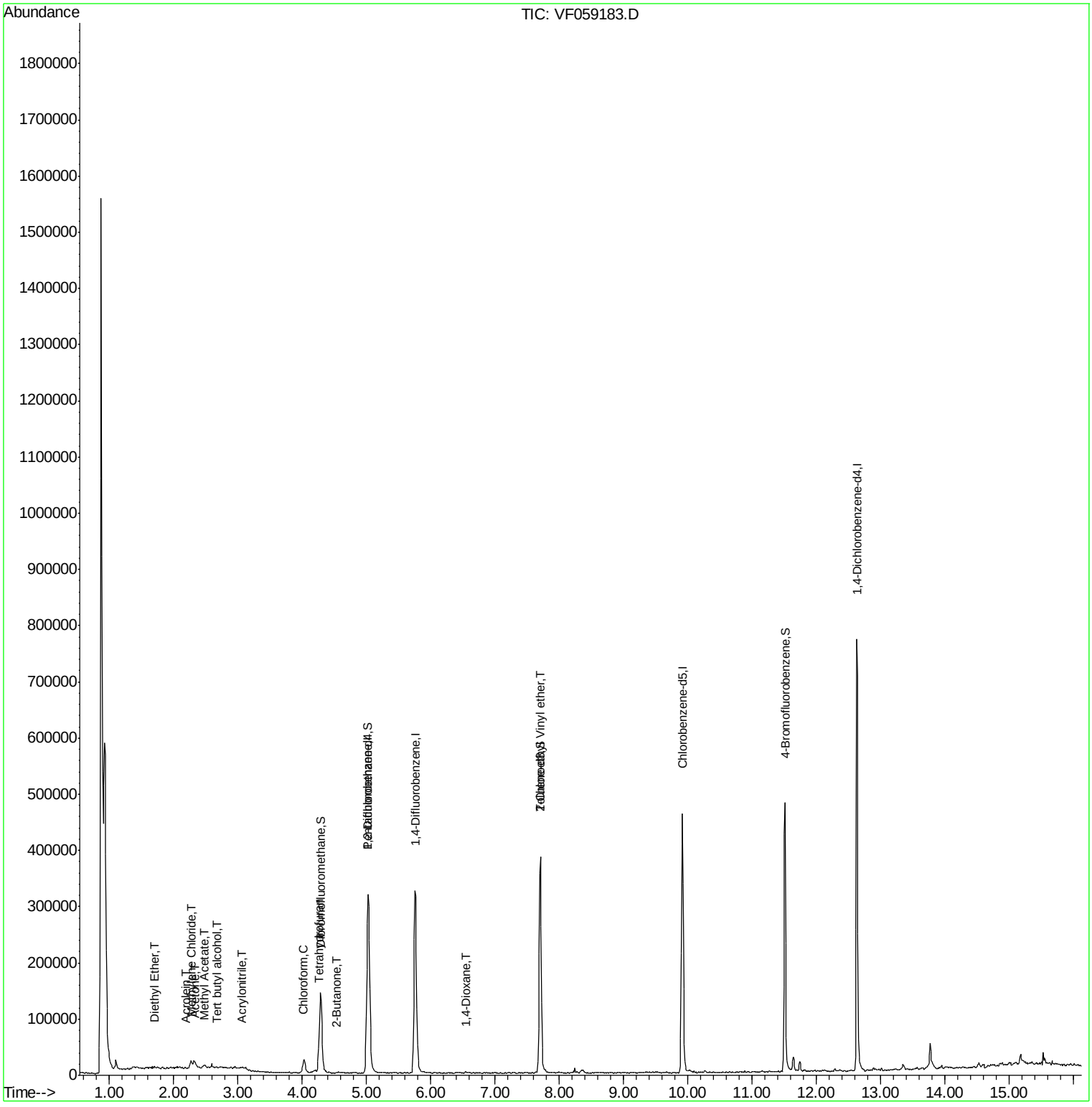
(#) = qualifier out of range (m) = manual integration (+) = signals summed

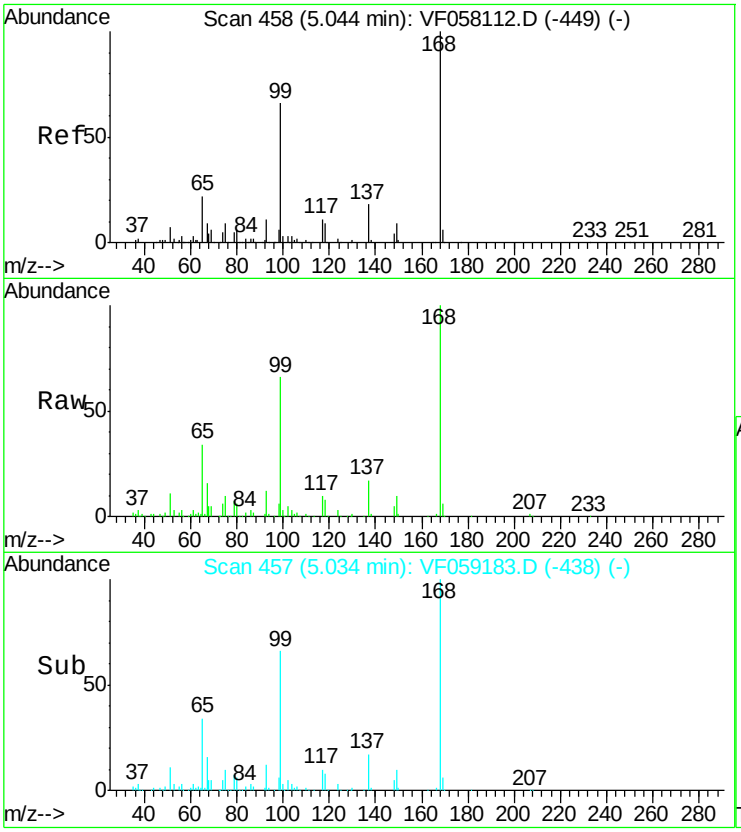
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061818\
Data File : VF059183.D
Acq On : 18 Jun 2018 18:43
Operator : VA/AP
Sample : J3567-11
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Quant Time: Jun 19 02:57:27 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



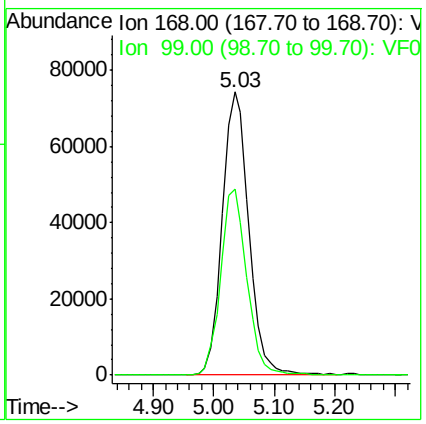


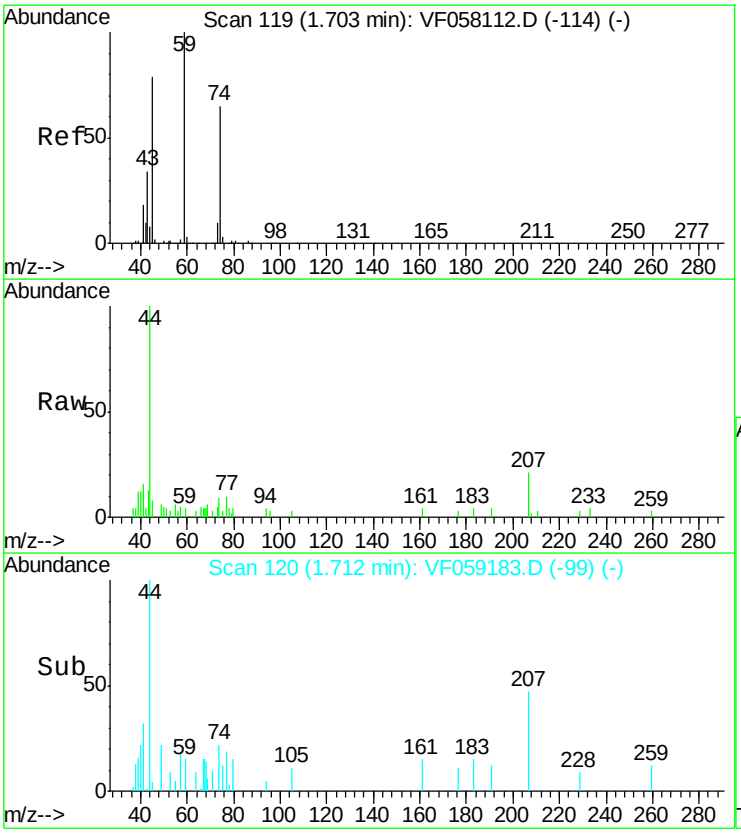
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument : MSVOA_F
ClientSampleId : TP-11-S

Tgt Ion:168 Resp: 225980

Ion	Ratio	Lower	Upper
168	100		
99	65.5	52.9	79.3

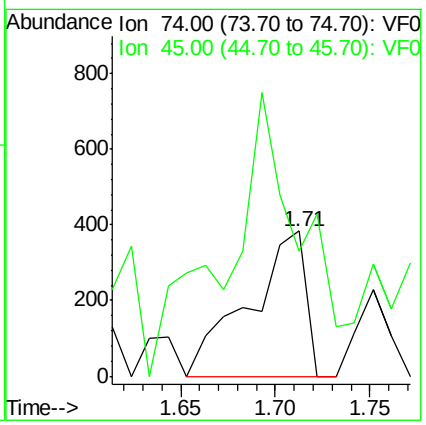


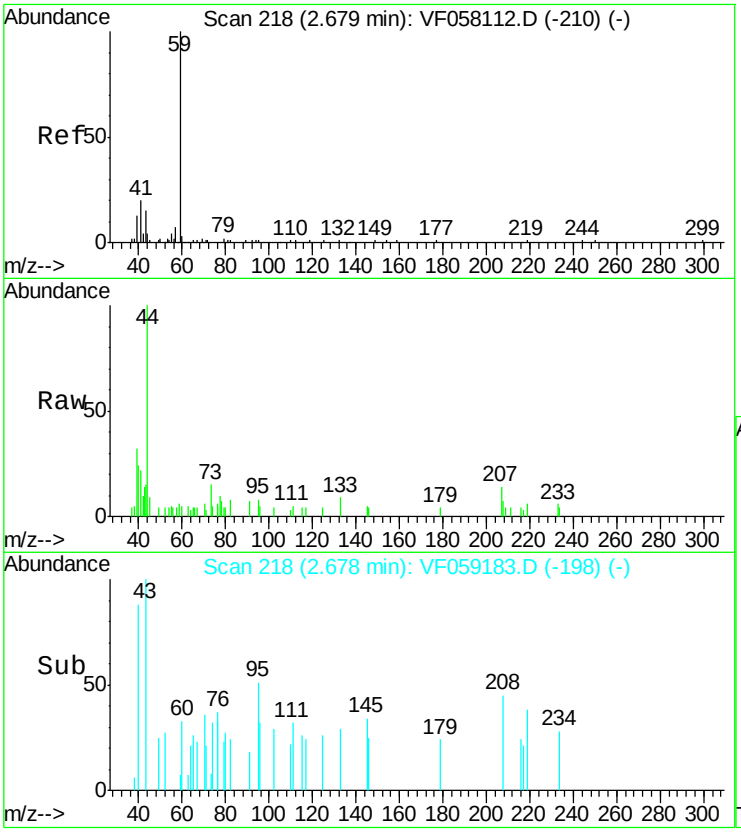


#8
Diethyl Ether
Concen: 1.139 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 74 Resp: 796

Ion	Ratio	Lower	Upper
74	100		
45	85.9	61.5	184.4



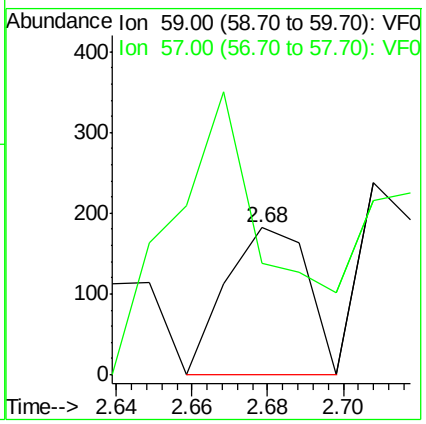


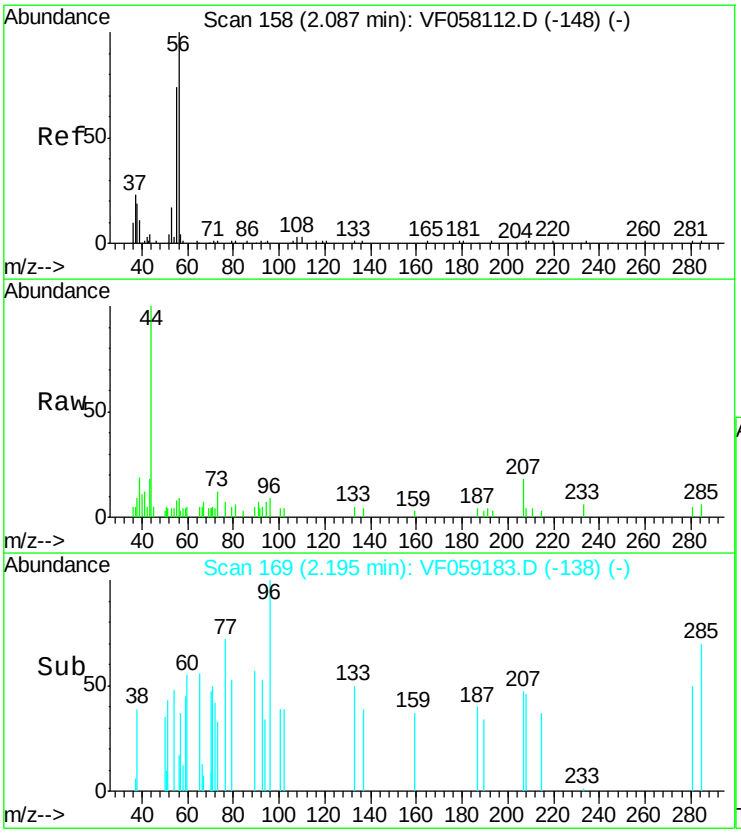
#11
Tert butyl alcohol
Concen: 1.538 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument : MSVOA_F
ClientSampleId : TP-11-S

Tgt Ion: 59 Resp: 270

Ion	Ratio	Lower	Upper
59	100		
57	75.8	8.7	13.1#

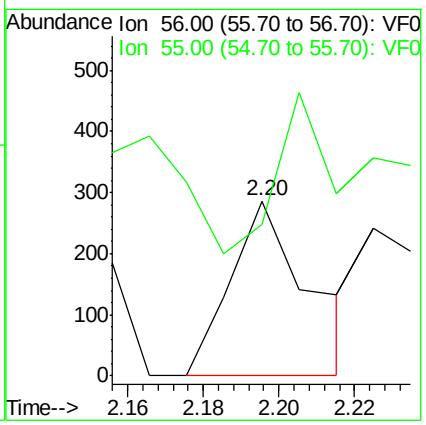


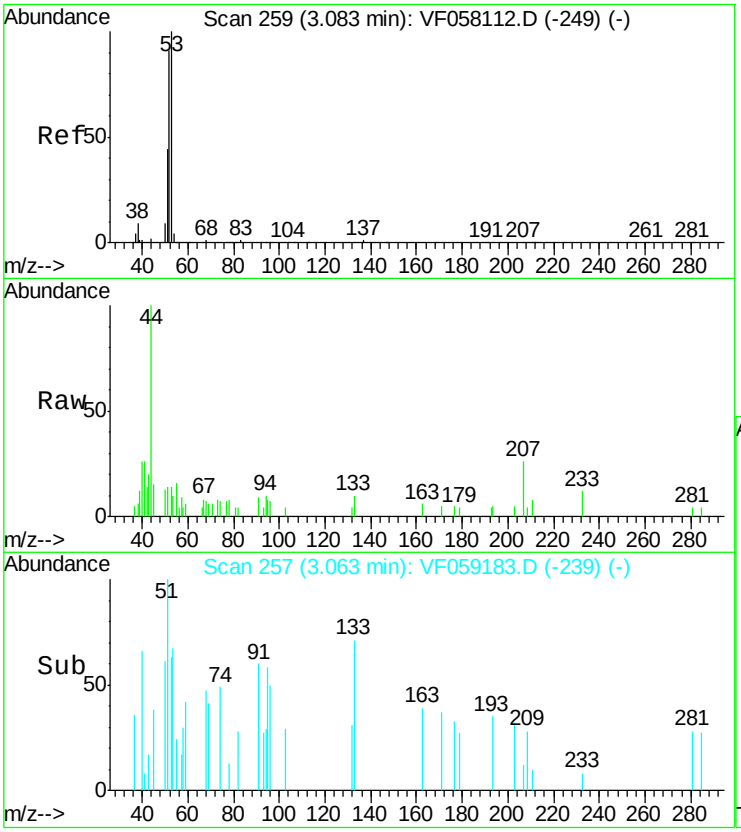


#13
Acrolein
Concen: 2.671 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.11 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 56 Resp: 406

Ion	Ratio	Lower	Upper
56	100		
55	87.1	60.0	90.0



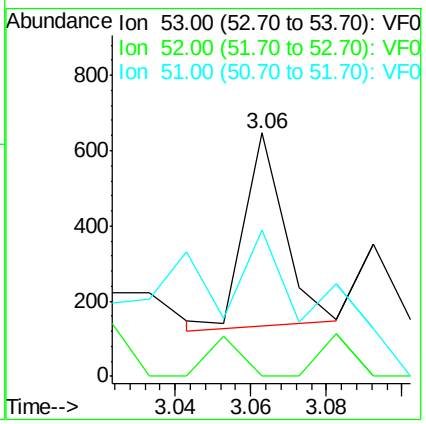


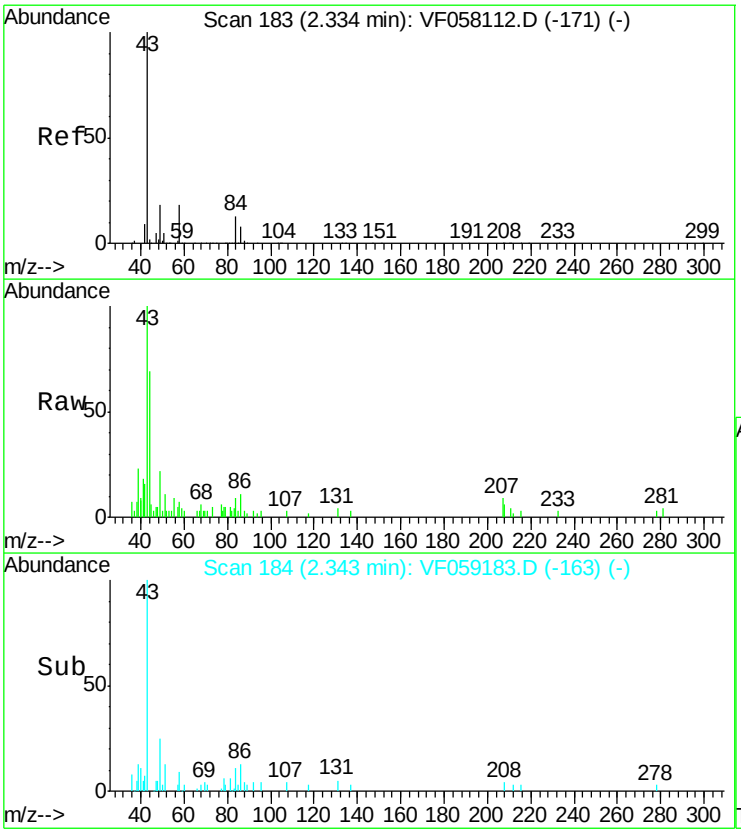
#15
Acrylonitrile
Concen: 1.087 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Tgt Ion: 53 Resp: 379

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	60.3	35.6	53.4#

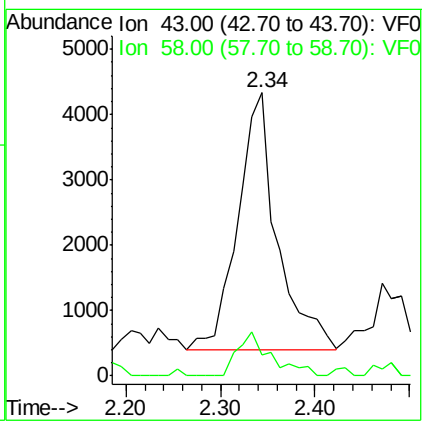


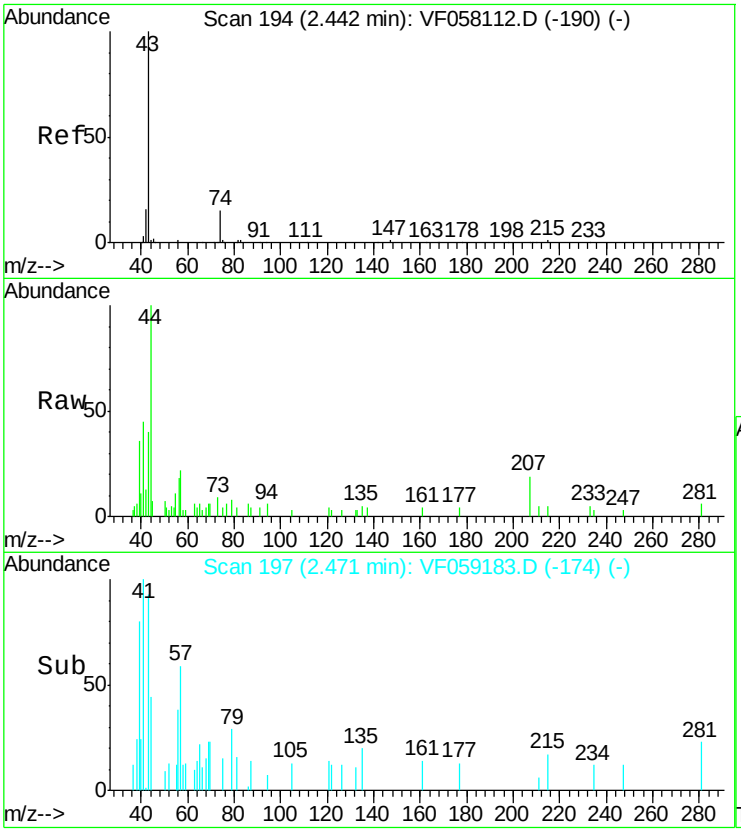


#16
Acetone
Concen: 17.405 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 43 Resp: 11389

Ion	Ratio	Lower	Upper
43	100		
58	7.5	14.4	21.6#



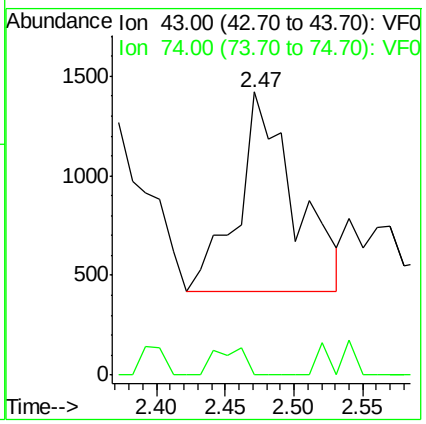


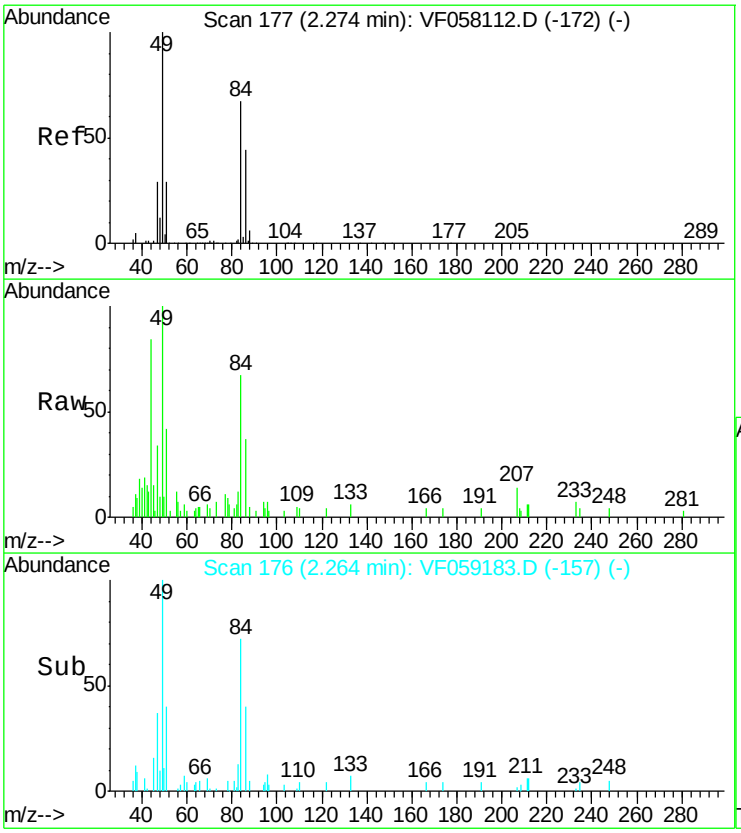
#18
Methyl Acetate
Concen: 2.541 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument : MSVOA_F
ClientSampleId : TP-11-S

Tgt Ion: 43 Resp: 2858

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.9	16.3#

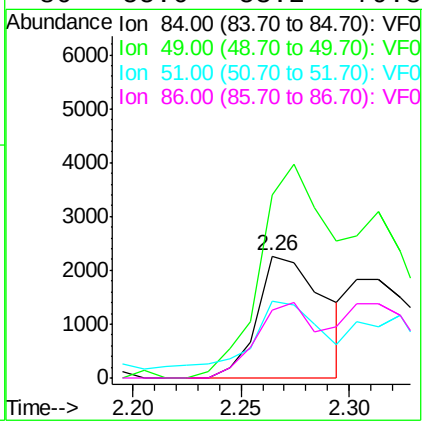


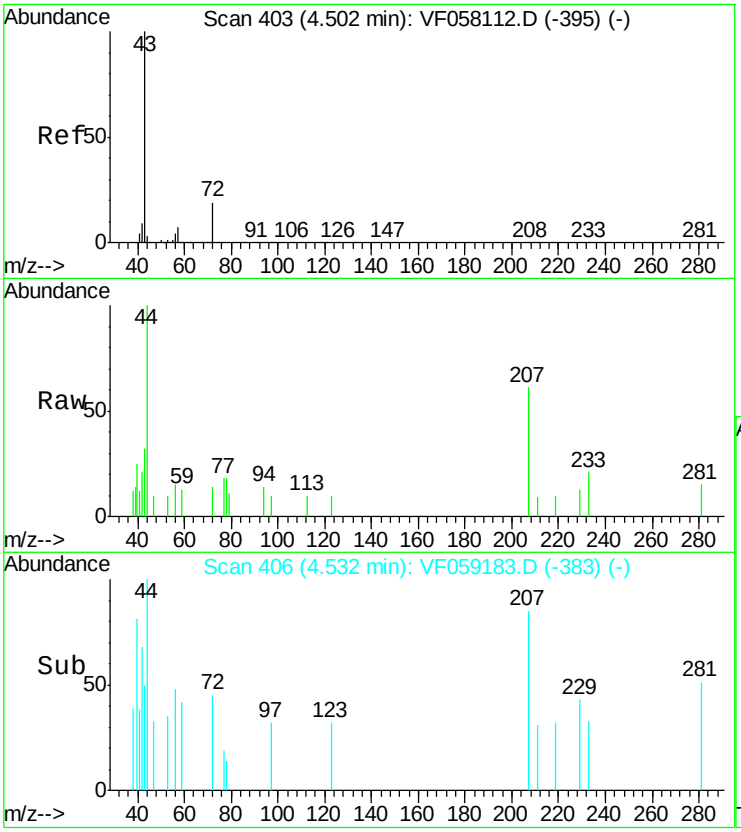


#20
Methylene Chloride
Concen: 3.111 ug/l
RT: 2.26 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 84 Resp: 4875

Ion	Ratio	Lower	Upper
84	100		
49	150.2	121.0	181.4
51	62.8	35.8	53.6#
86	55.6	53.2	79.8



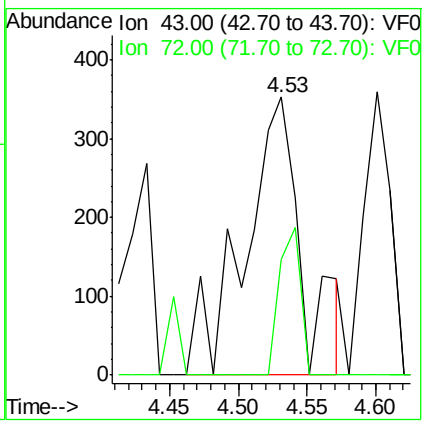


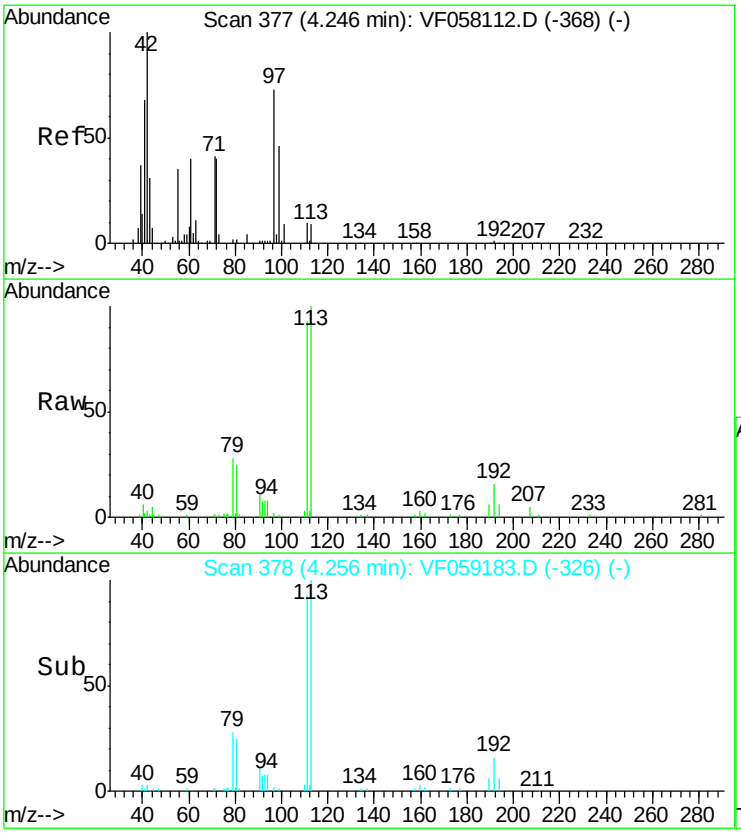
#25
2-Butanone
Concen: 1.015 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.03 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument : MSVOA_F
ClientSampleId : TP-11-S

Tgt Ion: 43 Resp: 1030

Ion	Ratio	Lower	Upper
43	100		
72	41.6	16.1	24.1#

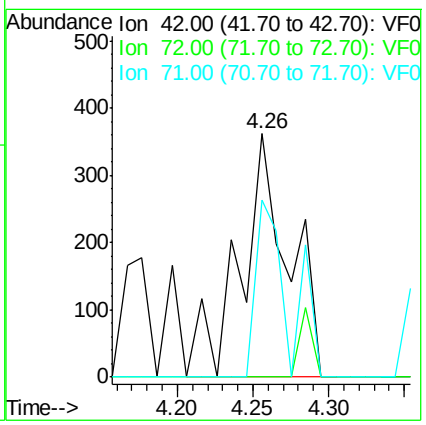


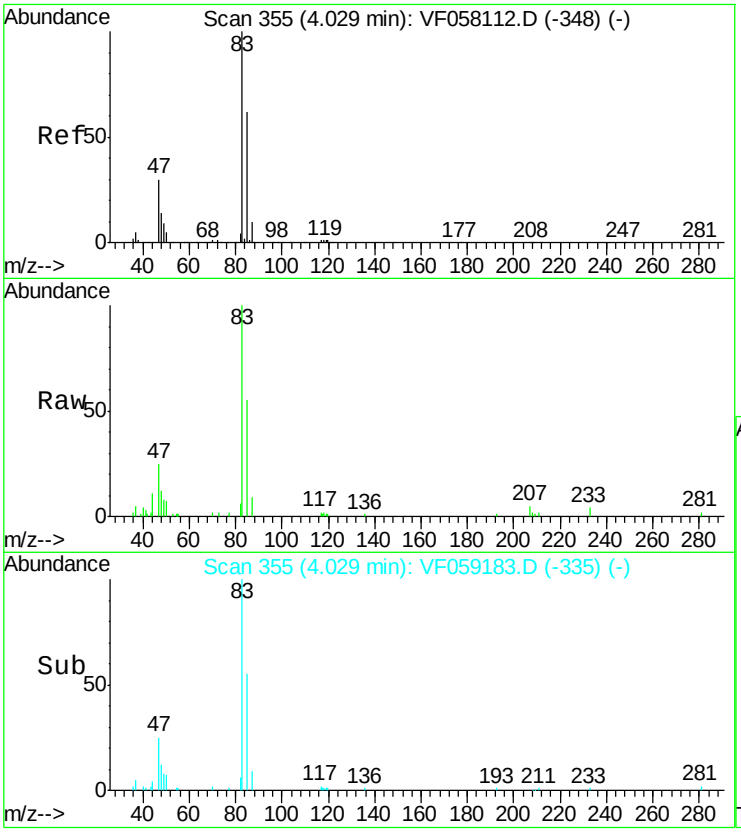


#29
Tetrahydrofuran
Concen: 1.810 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.01 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 42 Resp: 809

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	49.6	31.5	47.3#



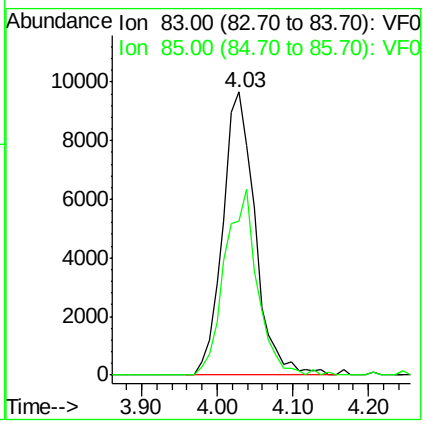


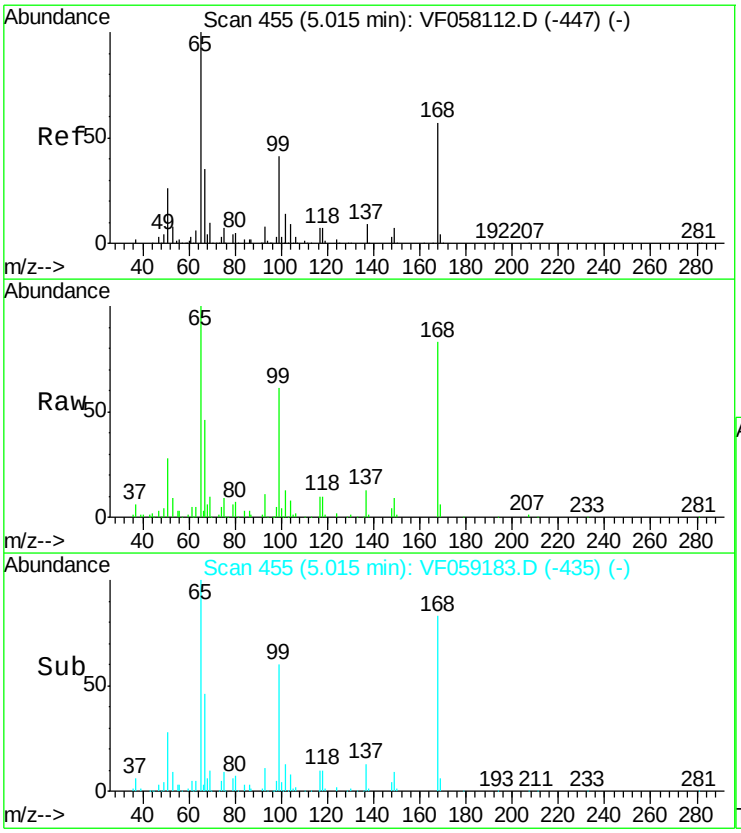
#30
Chloroform
Concen: 5.728 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Tgt Ion: 83 Resp: 28538

Ion	Ratio	Lower	Upper
83	100		
85	54.6	49.5	74.3

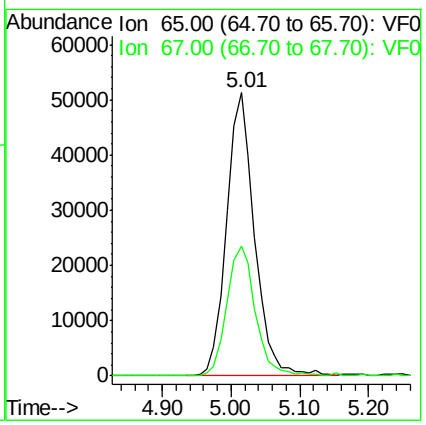


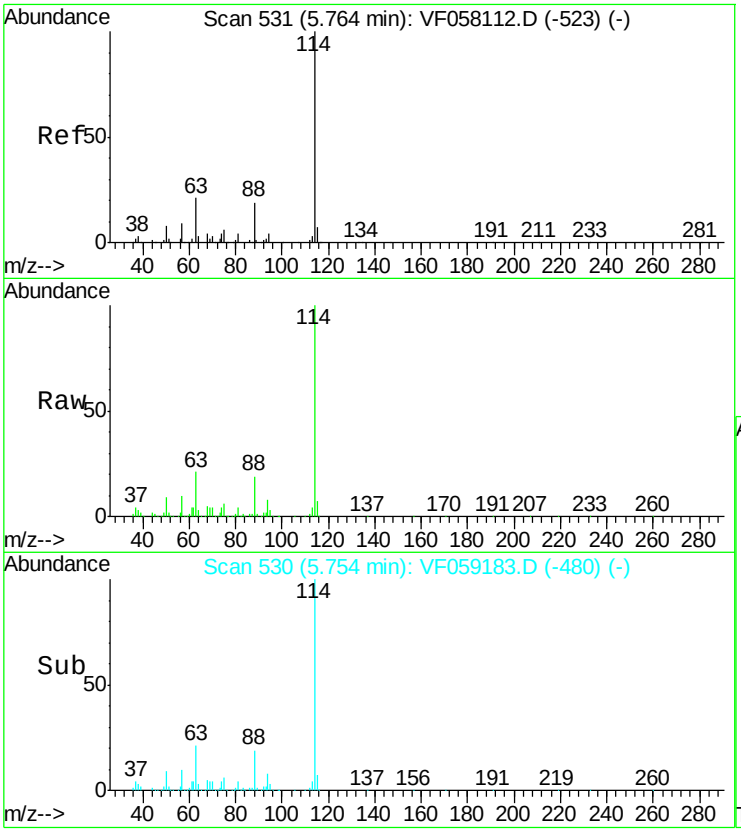


#33
1,2-Dichloroethane-d4
Concen: 52.455 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 65 Resp: 143761

Ion	Ratio	Lower	Upper
65	100		
67	45.8	0.0	97.0



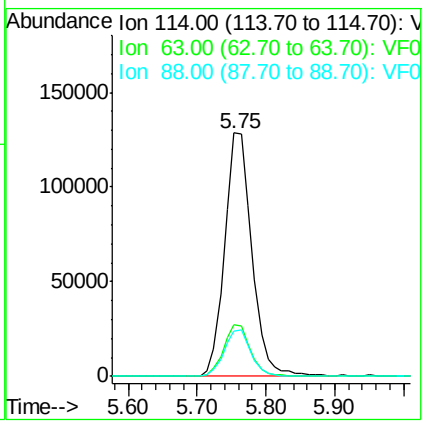


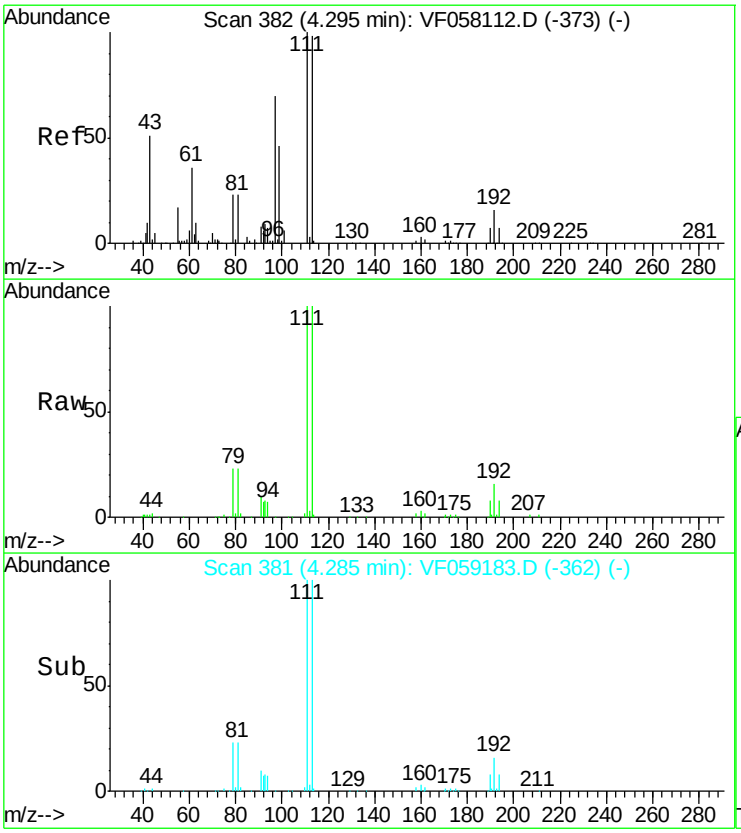
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Tgt Ion:114 Resp: 351935

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.6
88	18.5	0.0	38.8

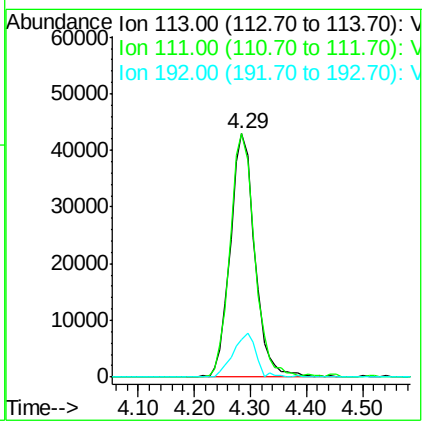


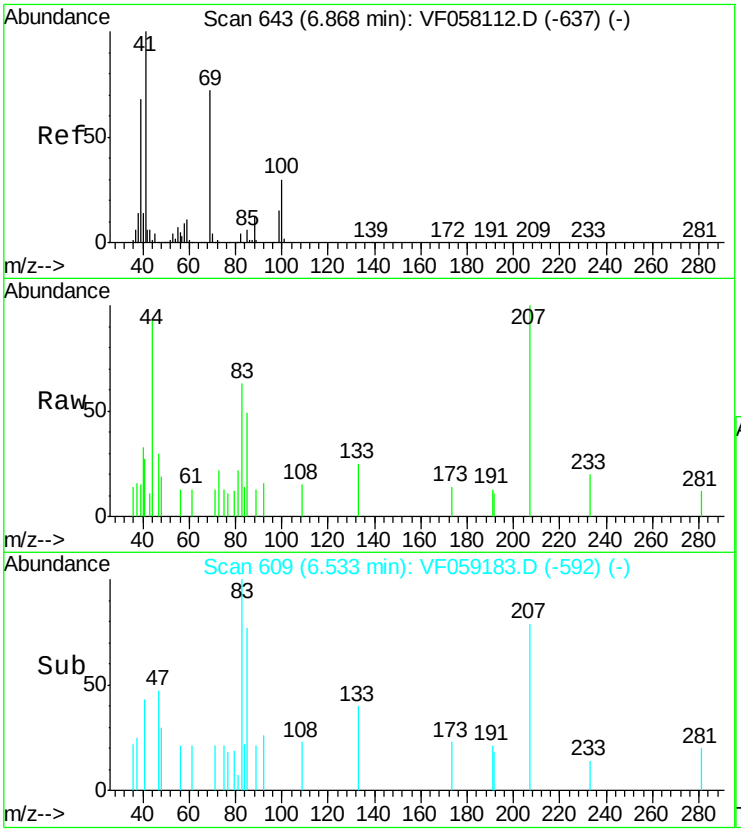


#35
Dibromofluoromethane
Concen: 52.883 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion:113 Resp: 130592

Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.3	121.9
192	15.6	12.7	19.1



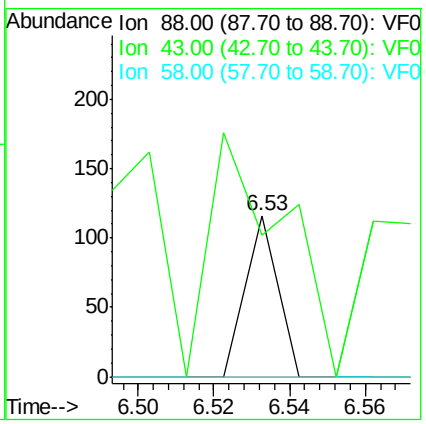


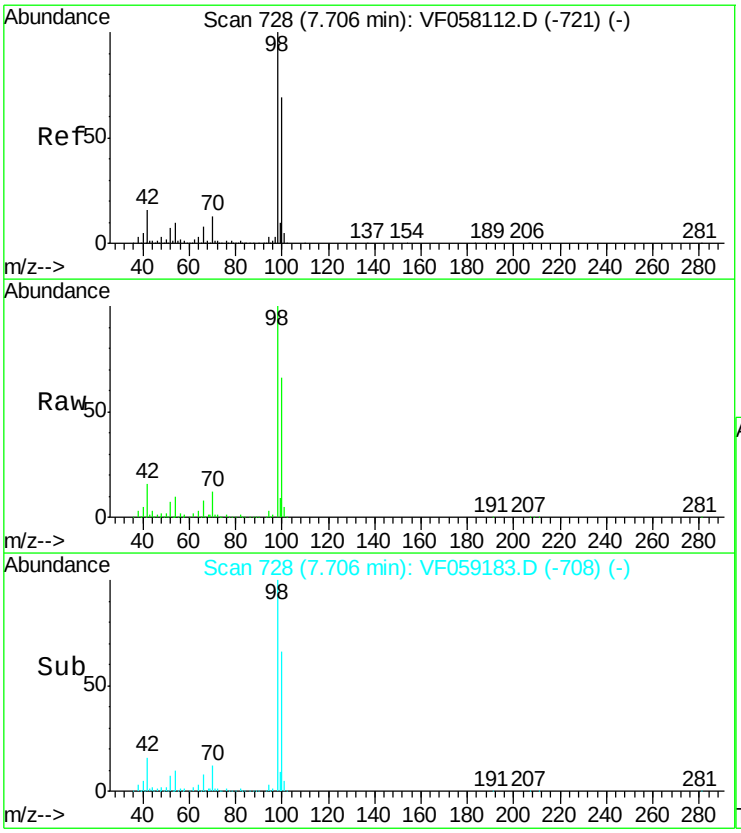
#49
1,4-Dioxane
Concen: 17.934 ug/l
RT: 6.53 min Scan# 609
Delta R.T. -0.33 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	87.9	47.8	71.8#
58	0.0	59.4	89.0#

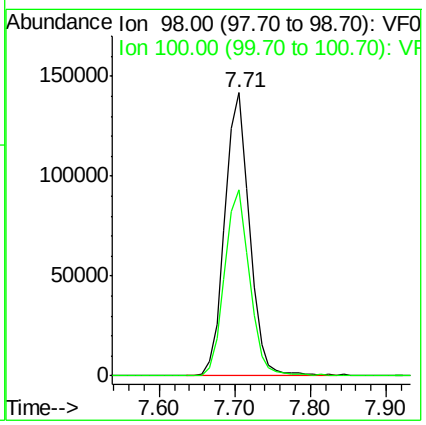


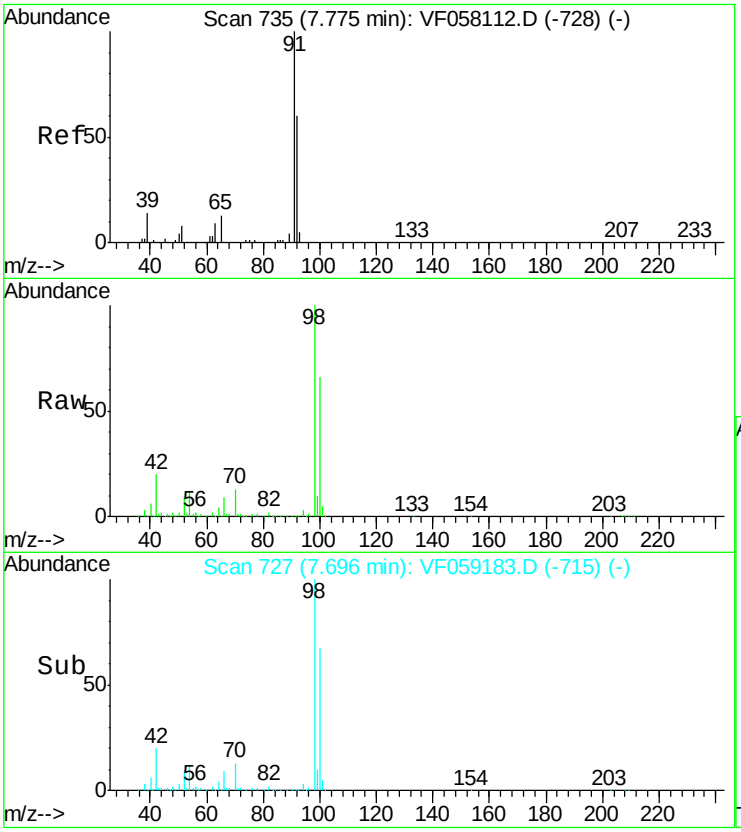


#50
Toluene-d8
Concen: 44.135 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 98 Resp: 320188

Ion	Ratio	Lower	Upper
98	100		
100	65.7	55.6	83.4



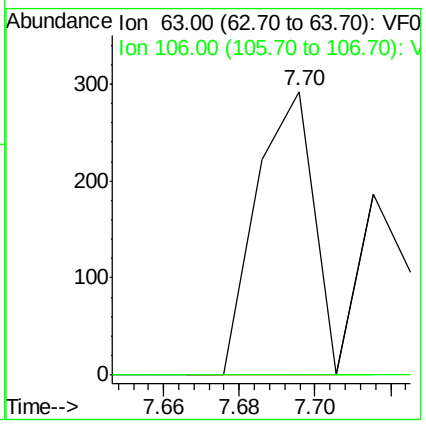


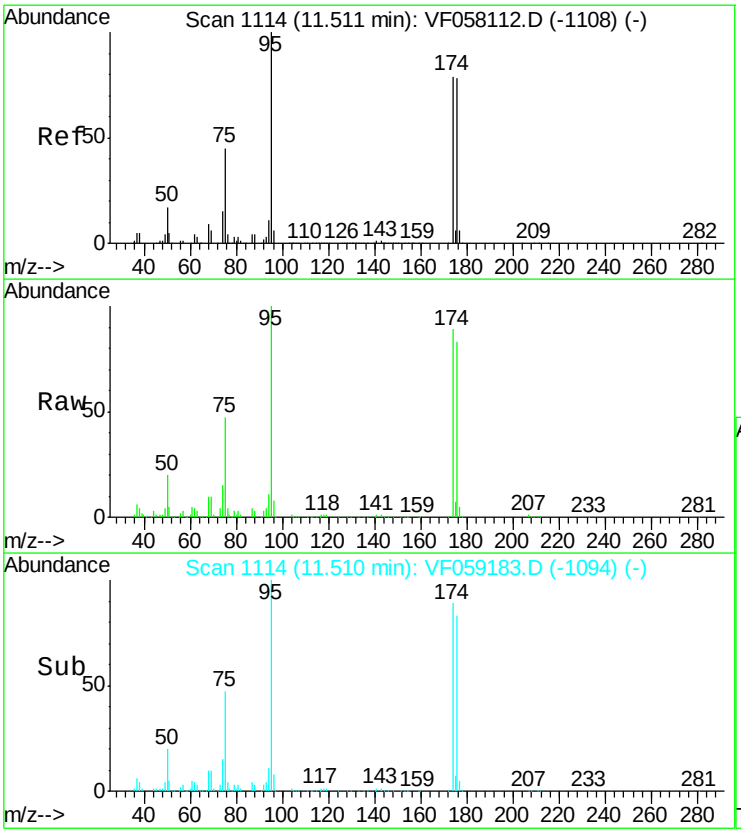
#58
2-Chloroethyl Vinyl ether
Concen: 1.632 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.08 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument : MSVOA_F
ClientSampleId : TP-11-S

Tgt Ion: 63 Resp: 304

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

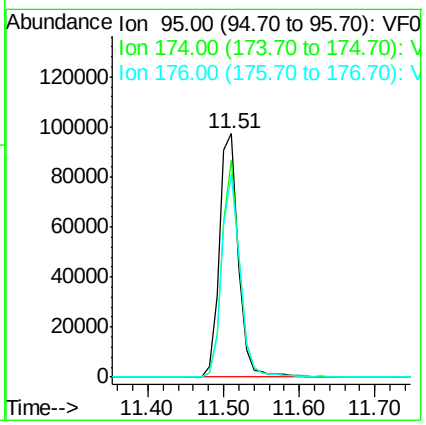


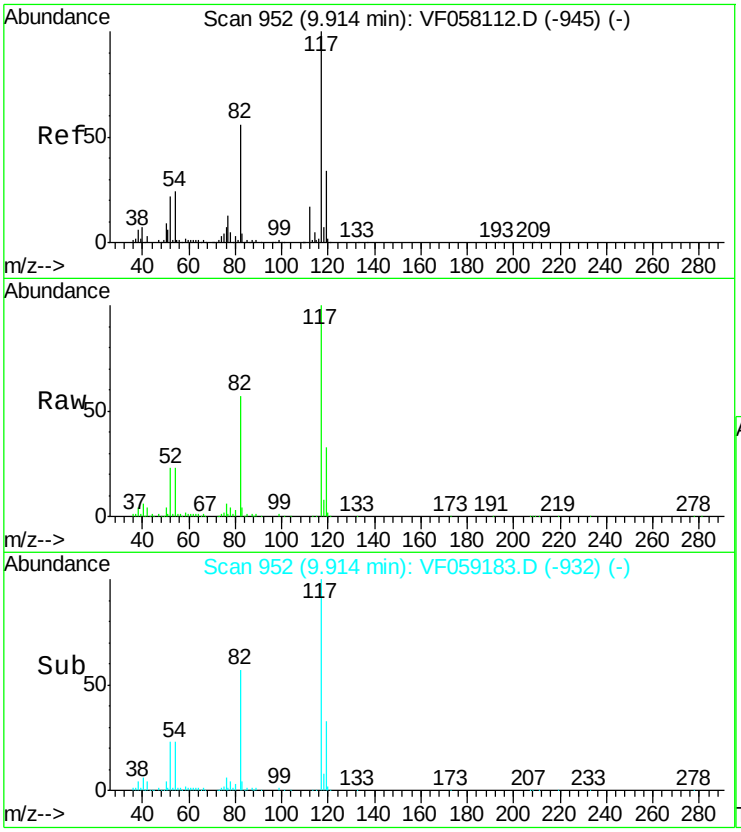


#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 95 Resp: 171594

Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	157.8
176	83.0	0.0	155.8



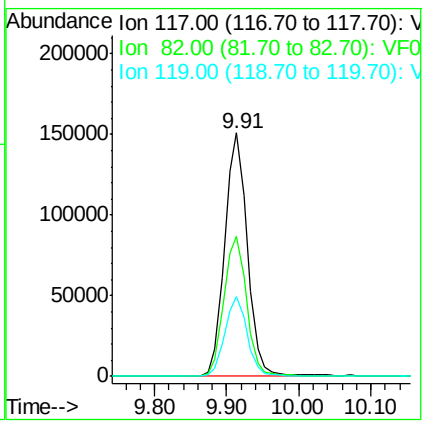


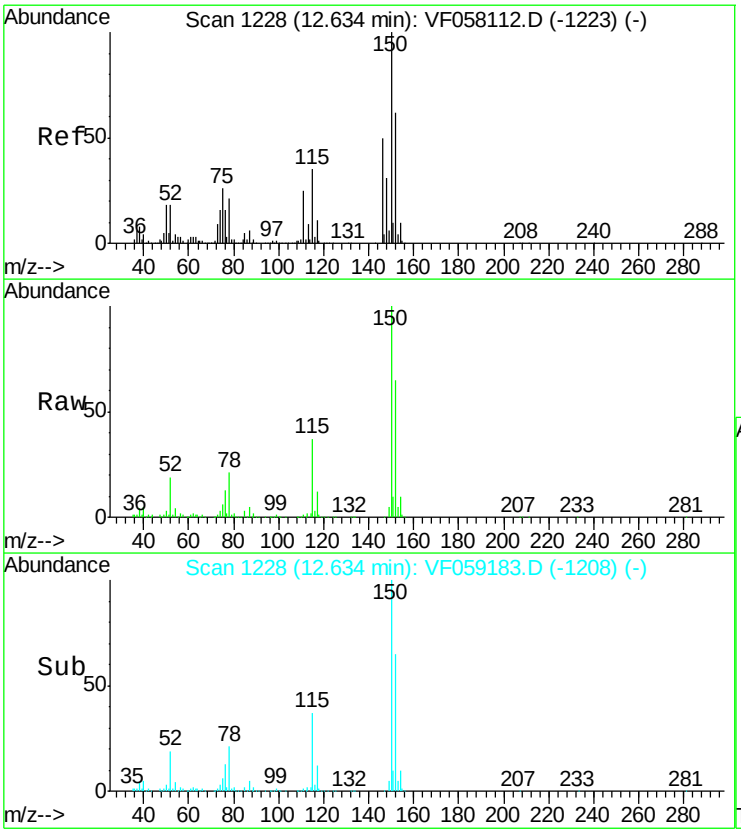
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument : MSVOA_F
ClientSampleId : TP-11-S

Tgt Ion:117 Resp: 330819

Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.2	67.8
119	32.9	27.5	41.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion:152 Resp: 204516

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.5	85.5
150	153.3	0.0	323.8