

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059994.D
 Acq On : 18 Aug 2018 1:51
 Operator : VA/AP
 Sample : J4511-03
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081418-ESW-15NSC-025

Quant Time: Aug 18 02:27:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	142494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	155761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	133874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	65508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	123474	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	4.30	113	109570	68.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.66%	
50) Toluene-d8	7.72	98	148752	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	
62) 4-Bromofluorobenzene	11.52	95	69757	32.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.22%	

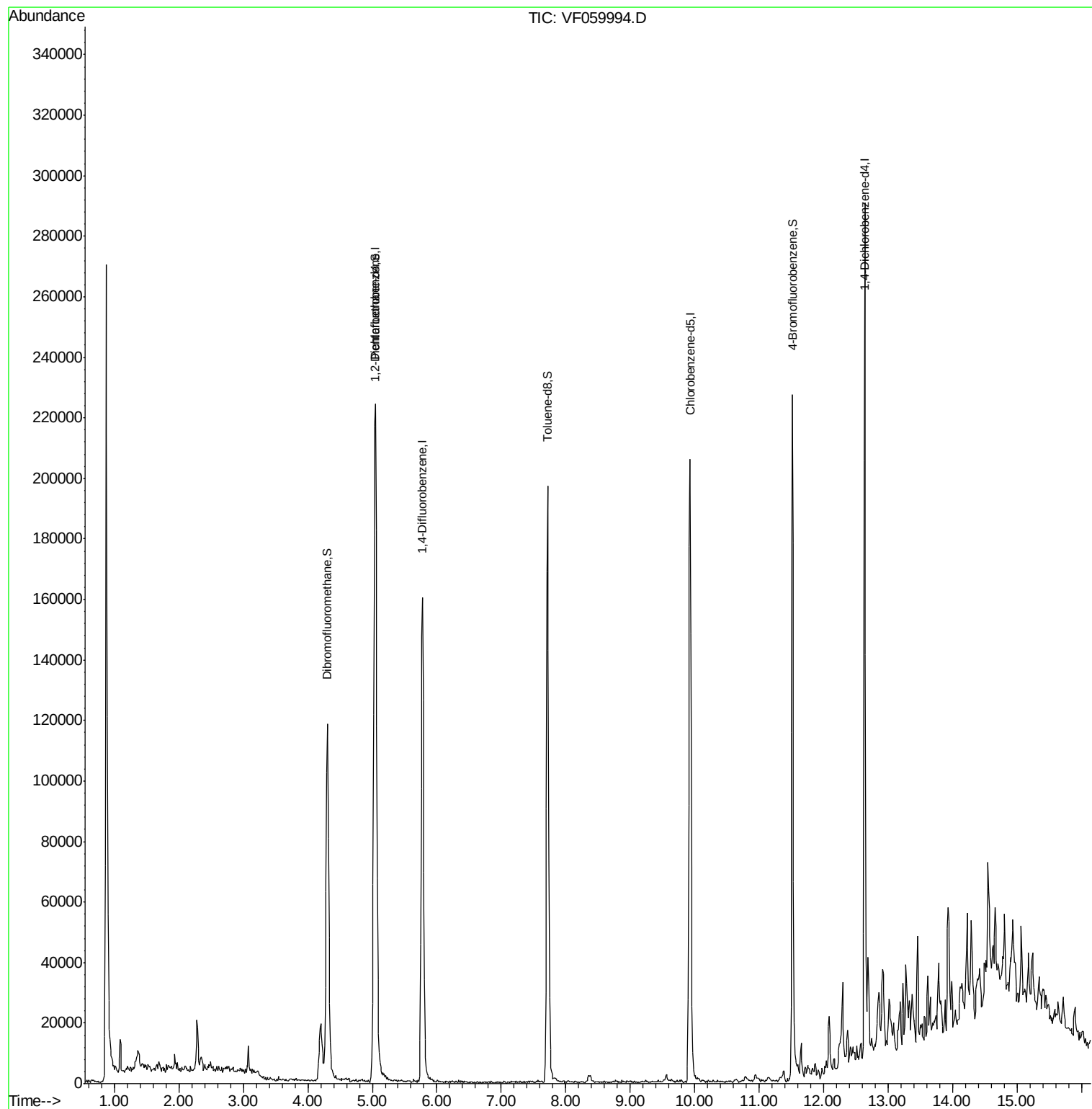
Target Compounds	Qvalue
------------------	--------

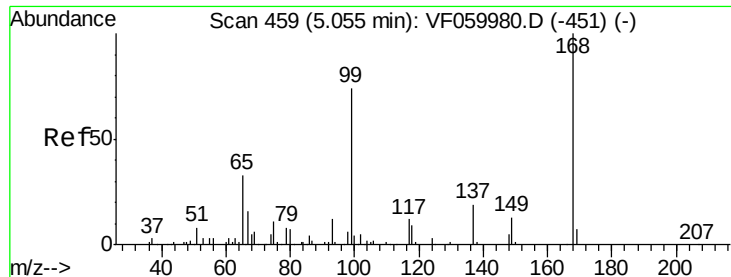
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081718\
Data File : VF059994.D
Acq On : 18 Aug 2018 1:51
Operator : VA/AP
Sample : J4511-03
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

Quant Time: Aug 18 02:27:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF059994.D

Acq: 18 Aug 2018 1:51

Instrument :

MSVOA_F

ClientSampleId :

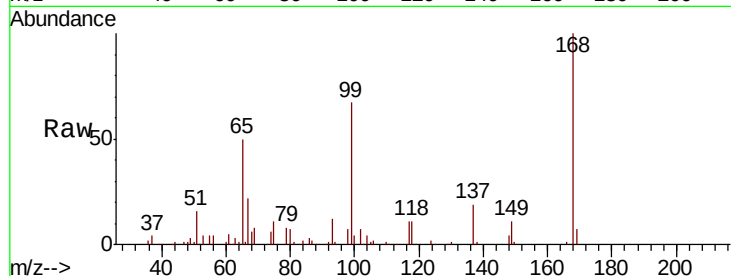
RA-081418-ESW-15NSC-025

Tot Ion:168 Resp: 142494

Ion Ratio Lower Upper

168 100

99 67.3 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

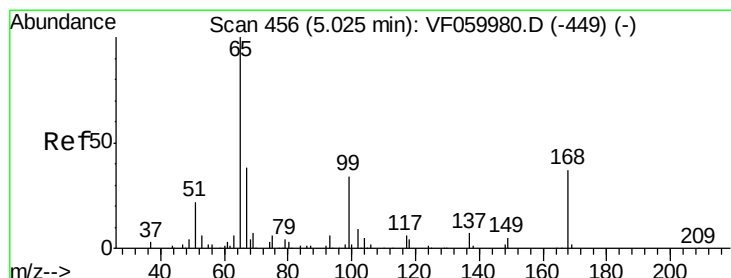
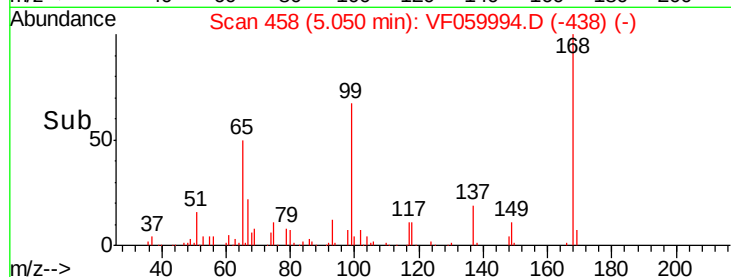
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.89 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059994.D

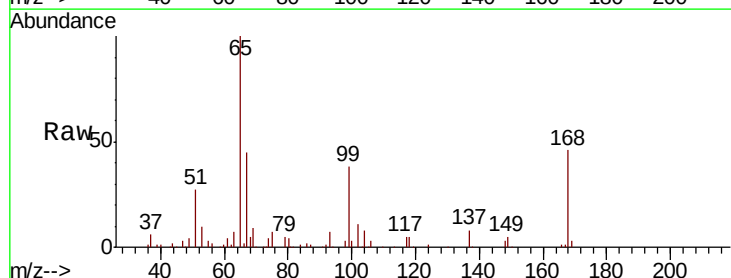
Acq: 18 Aug 2018 1:51

Tgt Ion: 65 Resp: 123474

Ion Ratio Lower Upper

65 100

67 44.8 0.0 82.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

40000

30000

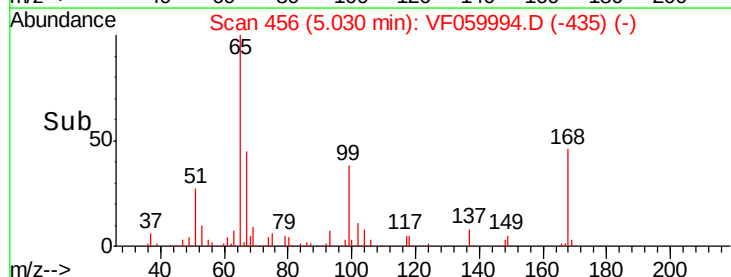
20000

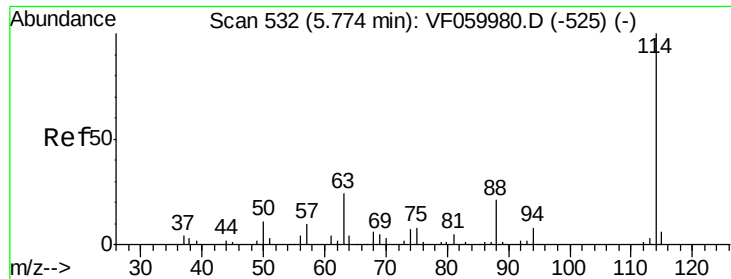
10000

0

4.90 5.00 5.10 5.20

Time-->

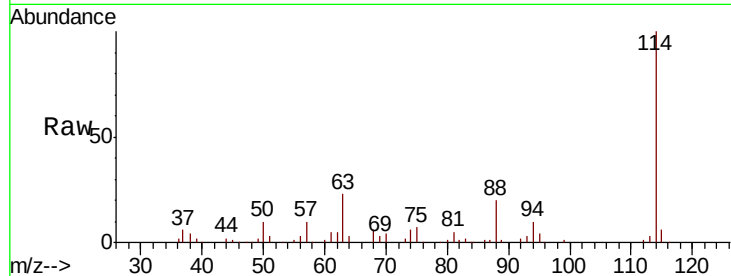




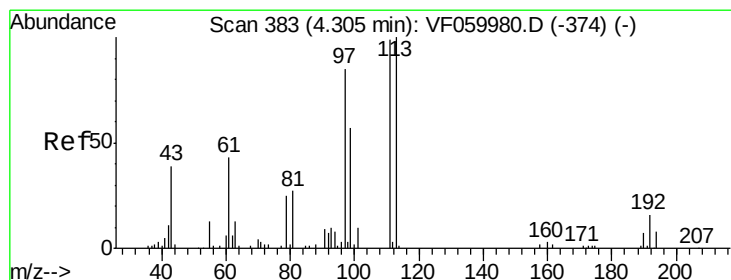
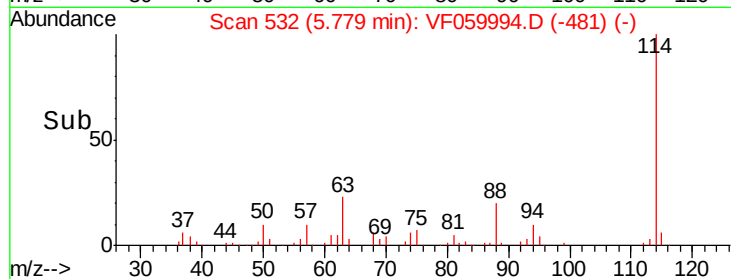
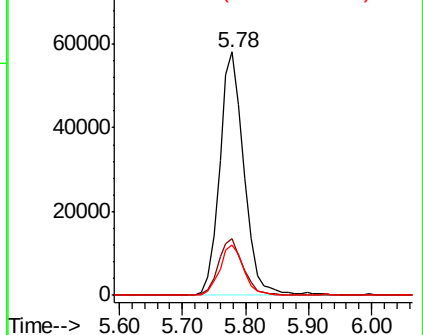
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059994.D
 Acq: 18 Aug 2018 1:51

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081418-ESW-15NSC-025

Tot Ion:114	Resp:	155761
Ion Ratio	Lower	Upper
114 100		
63 23.2	0.0	48.6
88 20.4	0.0	42.8

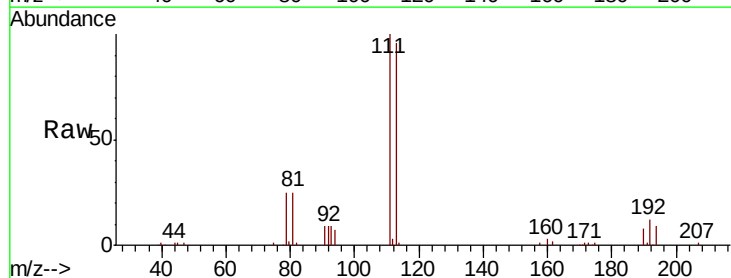


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

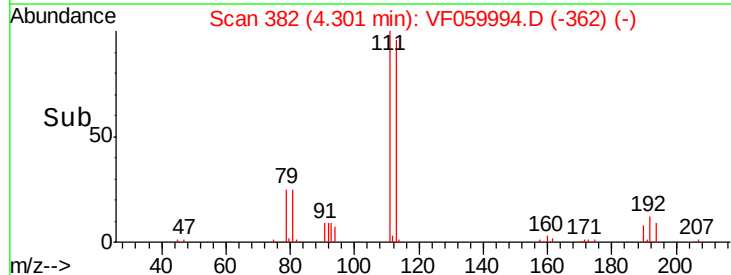
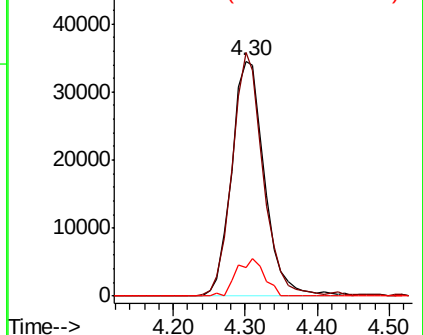


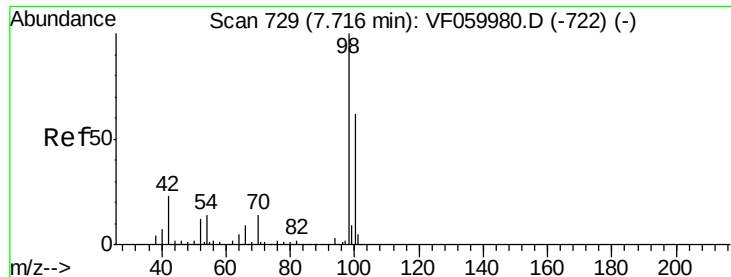
#35
 Dibromofluoromethane
 Concen: 68.83 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VF059994.D
 Acq: 18 Aug 2018 1:51

Tgt Ion:113	Resp:	109570
Ion Ratio	Lower	Upper
113 100		
111 103.8	79.5	119.3
192 12.3	12.4	18.6#



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

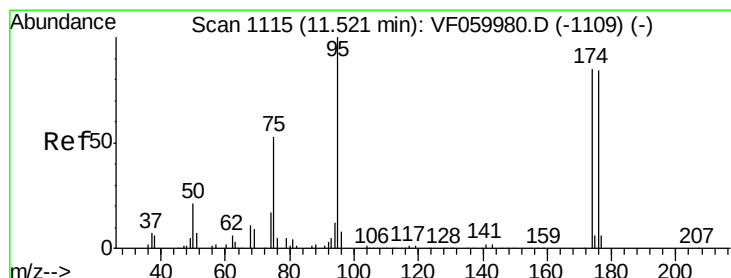
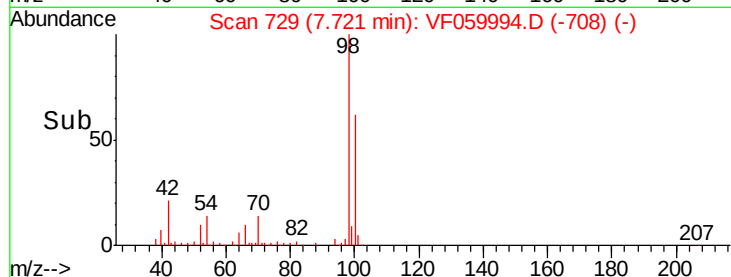
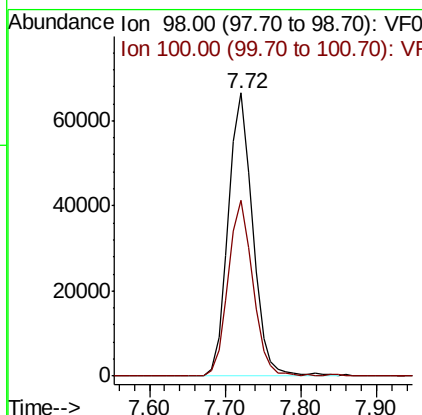
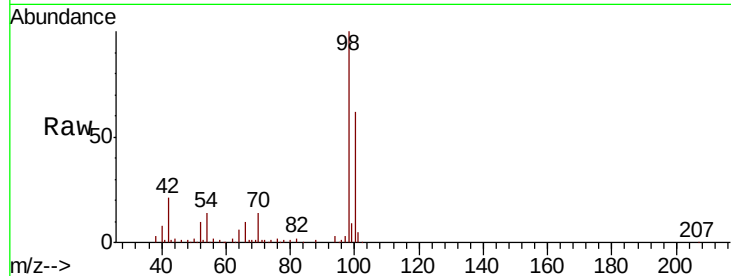




#50
Toluene-d8
Concen: 42.02 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059994.D
Acq: 18 Aug 2018 1:51

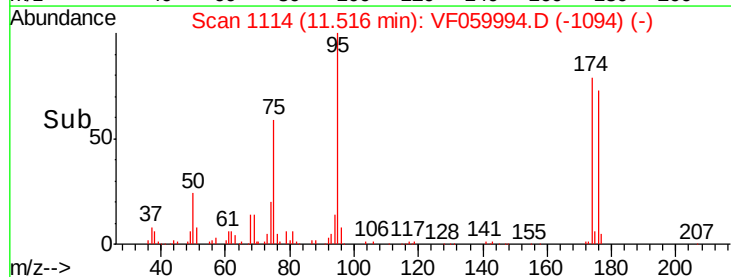
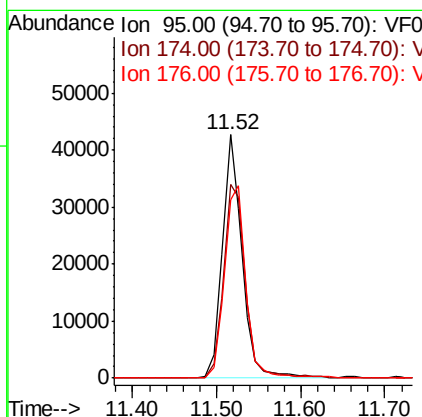
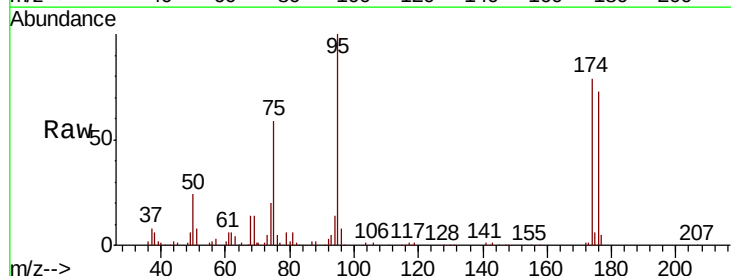
Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

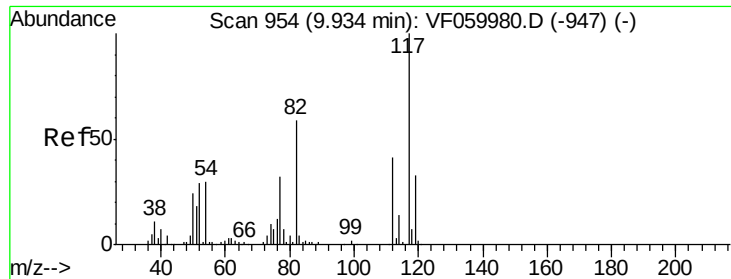
Tot Ion: 98 Resp: 148752
Ion Ratio Lower Upper
98 100
100 62.0 49.8 74.8



#62
4-Bromofluorobenzene
Concen: 32.11 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059994.D
Acq: 18 Aug 2018 1:51

Tgt Ion: 95 Resp: 69757
Ion Ratio Lower Upper
95 100
174 79.4 0.0 169.8
176 73.0 0.0 167.8

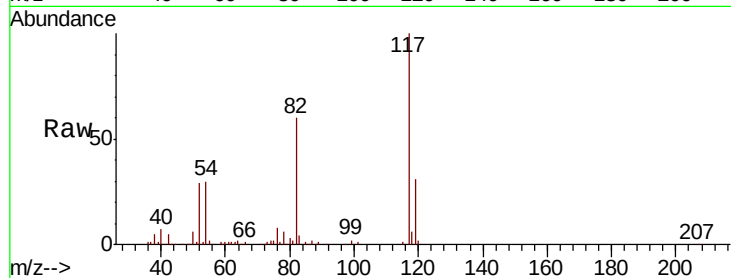




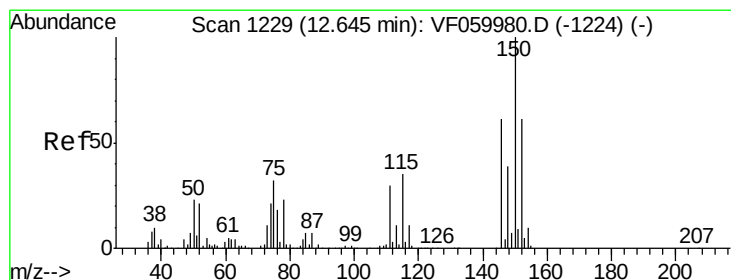
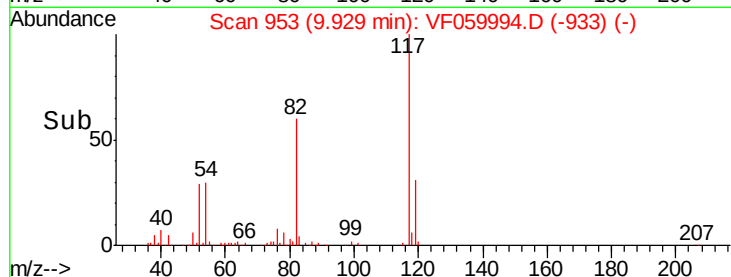
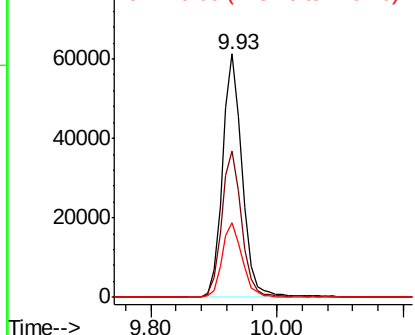
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF059994.D
Acq: 18 Aug 2018 1:51

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

Tot Ion:117 Resp: 133874
Ion Ratio Lower Upper
117 100
82 60.2 47.2 70.8
119 30.5 26.1 39.1

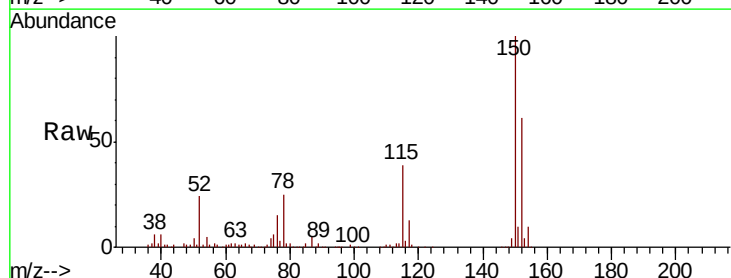


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059994.D
Acq: 18 Aug 2018 1:51

Tgt Ion:152 Resp: 65508
Ion Ratio Lower Upper
152 100
115 63.5 29.1 87.3
150 162.9 0.0 330.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

