

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059838.D
 Acq On : 3 Aug 2018 14:48
 Operator : VA/AP
 Sample : VF0803SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0803SBL01

Quant Time: Aug 03 17:54:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	209791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	299532	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	284299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	186180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	186608	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	4.28	113	160601	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	7.70	98	360450	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.51	95	186018	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	

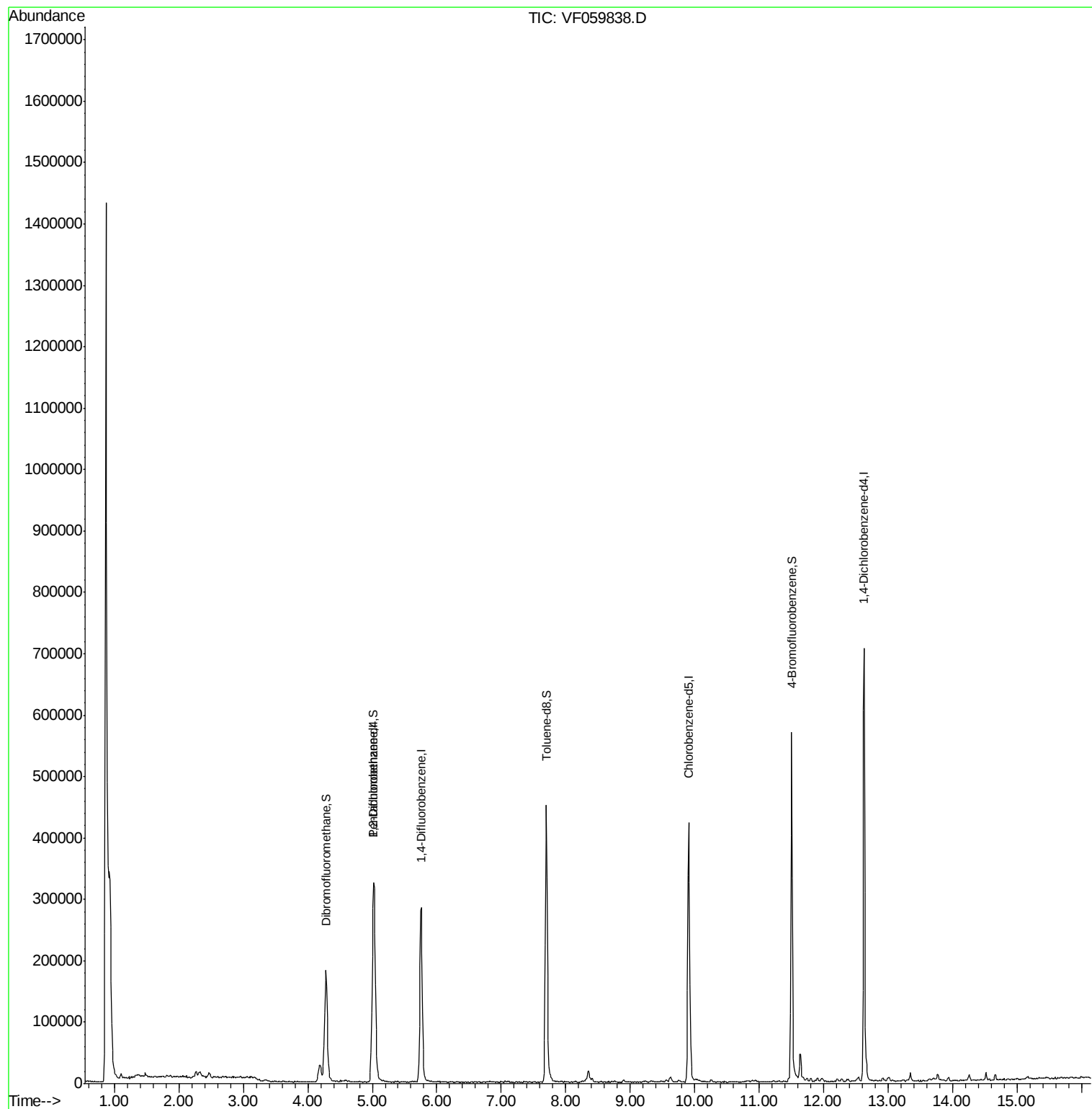
Target Compounds	Qvalue
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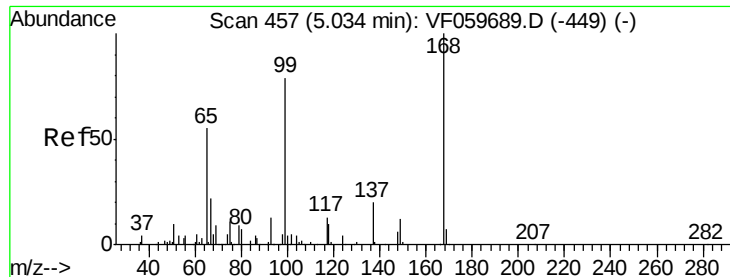
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059838.D

Acq: 3 Aug 2018 14:48

Instrument :

MSVOA_F

ClientSampleId :

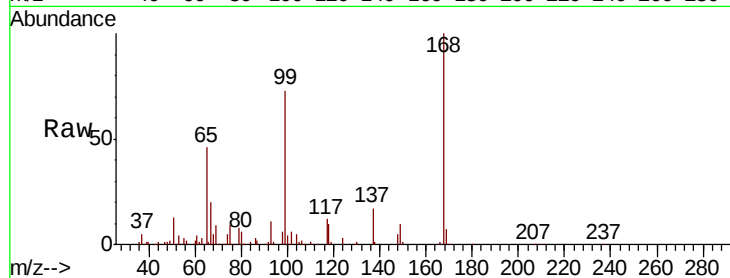
VF0803SBL01

Tot Ion:168 Resp: 209791

Ion Ratio Lower Upper

168 100

99 73.0 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

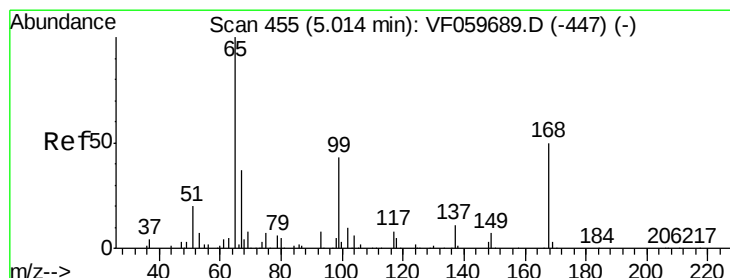
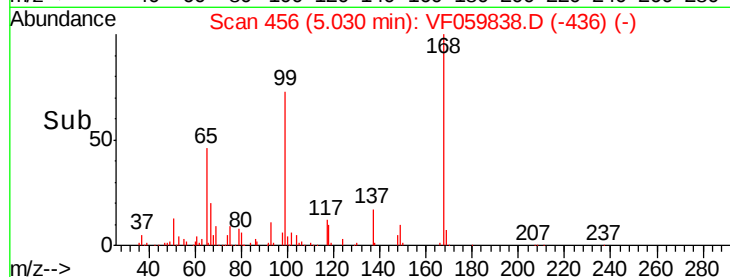
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 49.49 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059838.D

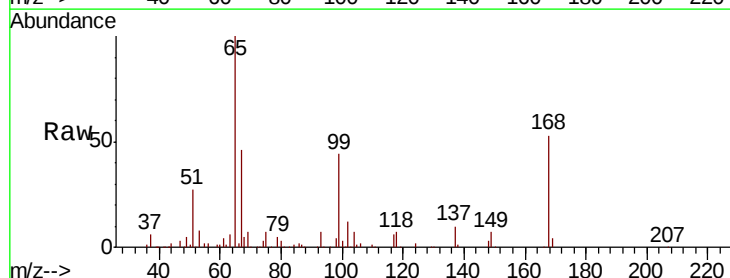
Acq: 3 Aug 2018 14:48

Tgt Ion: 65 Resp: 186608

Ion Ratio Lower Upper

65 100

67 45.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

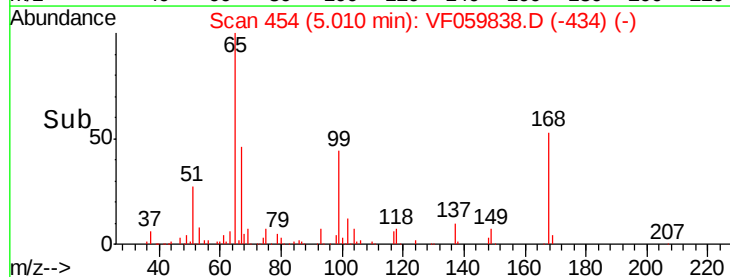
40000

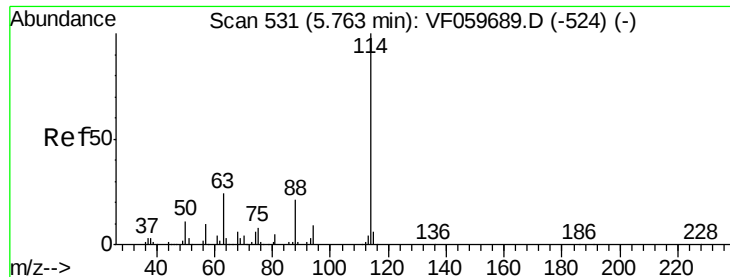
20000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059838.D

Acq: 3 Aug 2018 14:48

Instrument :

MSVOA_F

ClientSampleId :

VF0803SBL01

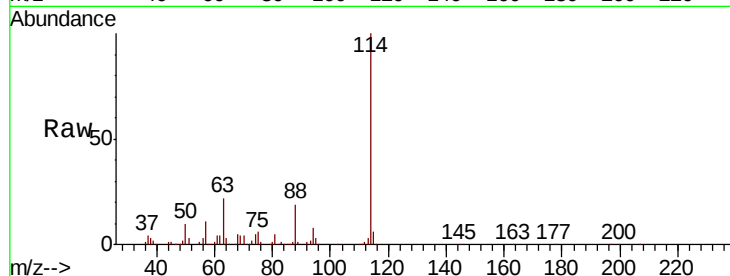
Tot Ion:114 Resp: 299532

Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.4

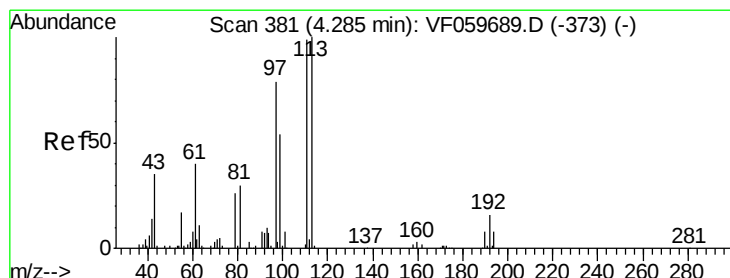
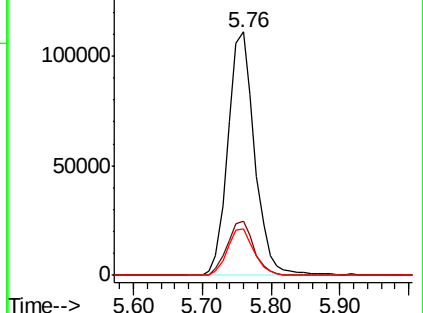
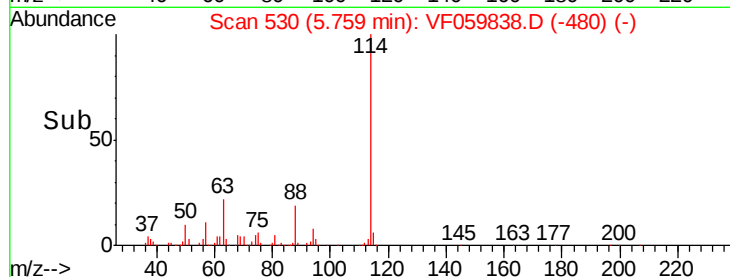
88 18.9 0.0 41.2



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: 51.62 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059838.D

Acq: 3 Aug 2018 14:48

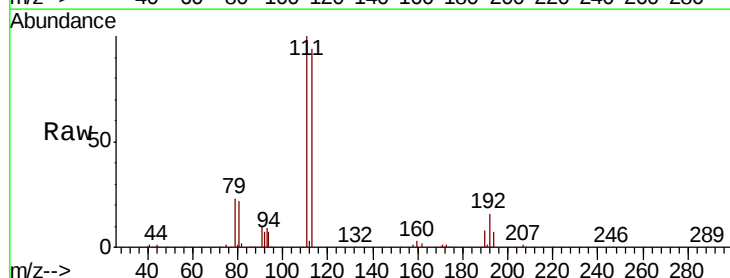
Tgt Ion:113 Resp: 160601

Ion Ratio Lower Upper

113 100

111 106.1 79.0 118.4

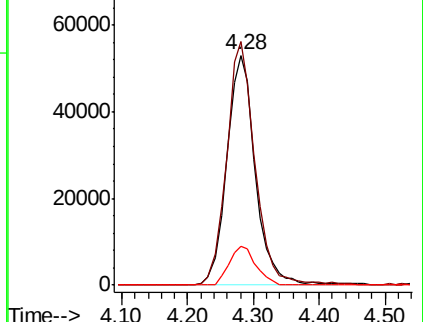
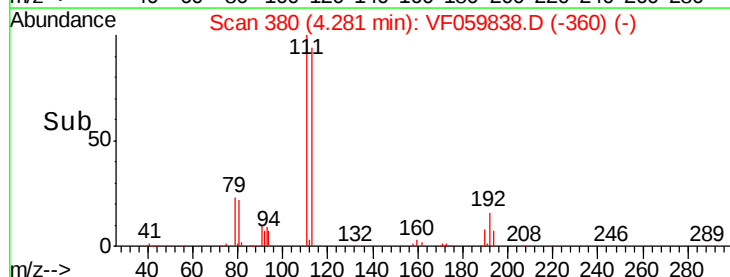
192 16.7 13.2 19.8

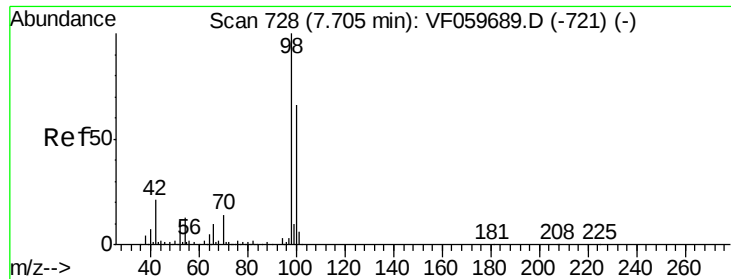


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

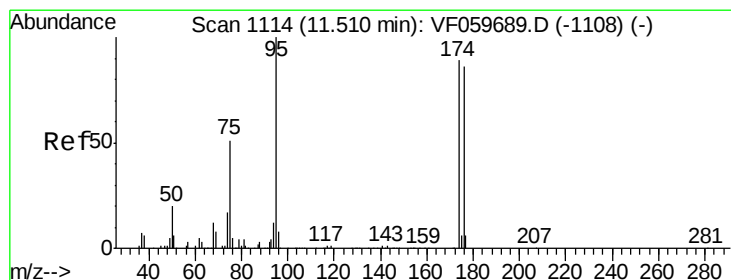
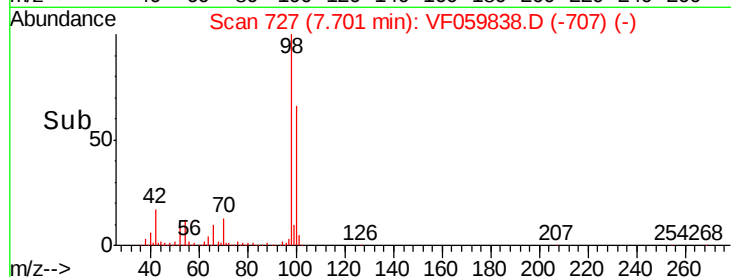
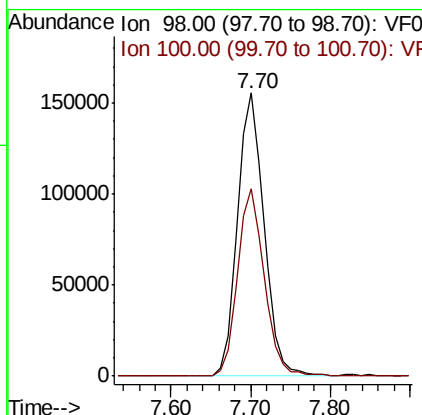
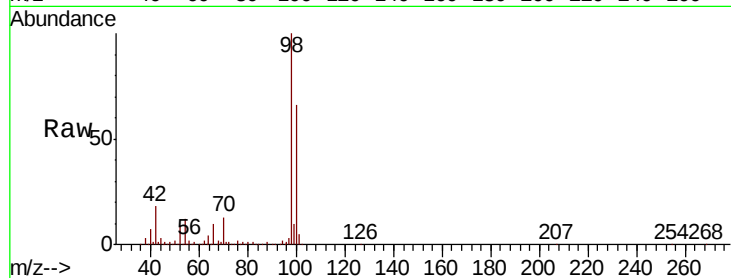




#50
Toluene-d8
Concen: 49.68 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059838.D
Acq: 3 Aug 2018 14:48

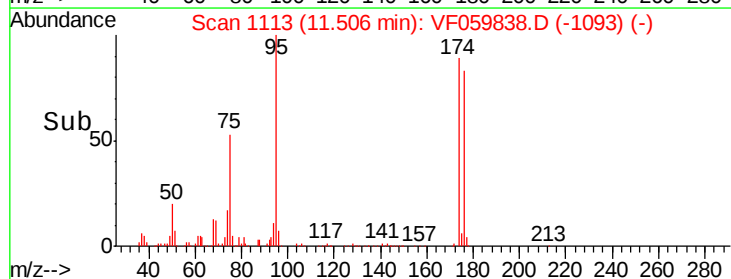
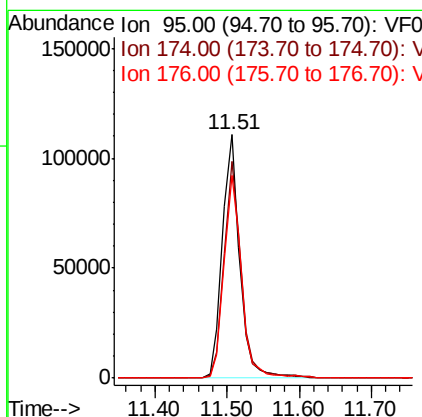
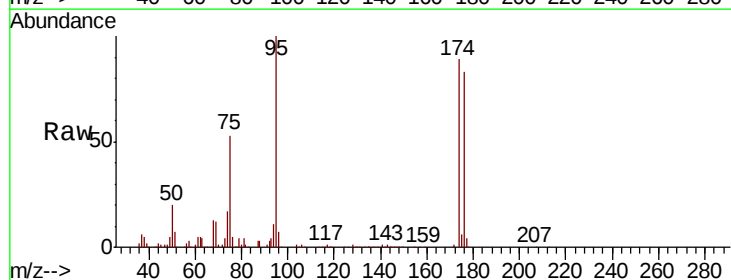
Instrument :
MSVOA_F
ClientSampleId :
VF0803SBL01

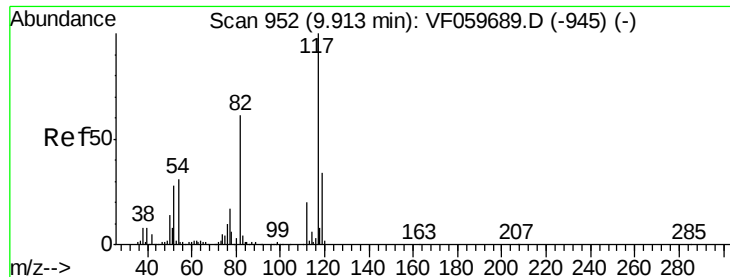
Tot Ion: 98 Resp: 360450
Ion Ratio Lower Upper
98 100
100 66.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.32 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059838.D
Acq: 3 Aug 2018 14:48

Tgt Ion: 95 Resp: 186018
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.4
176 83.4 0.0 173.0

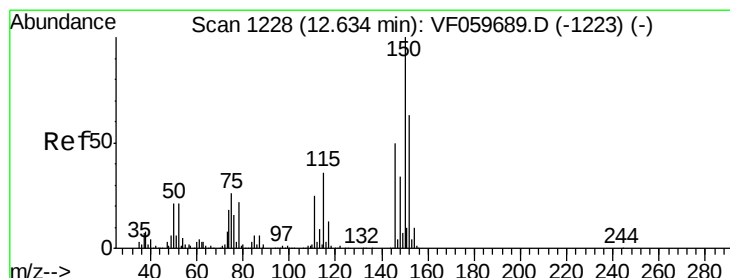
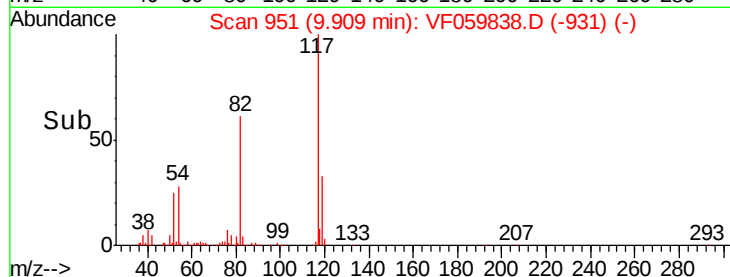
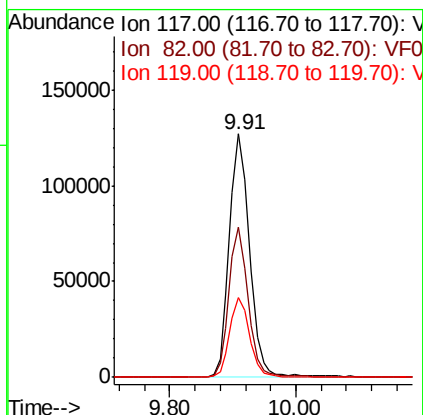
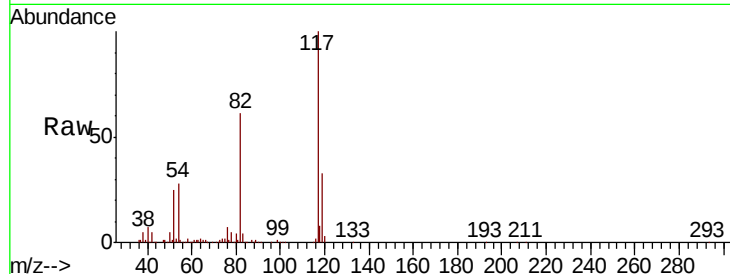




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059838.D
Acq: 3 Aug 2018 14:48

Instrument :
MSVOA_F
ClientSampleId :
VF0803SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.0	73.4
119	32.7	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059838.D
Acq: 3 Aug 2018 14:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.2	84.6
150	151.8	0.0	316.2

