

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059530.D
 Acq On : 18 Jul 2018 23:33
 Operator : VA/AP
 Sample : J4035-07
 Misc : 5.13g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MH-3

Quant Time: Jul 19 05:37:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	257	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.84	114	61	50.00	ug/l	0.05
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	73	18.26	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	36.52%	
35) Dibromofluoromethane	4.33	113	75	141.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	283.92%	
50) Toluene-d8	7.70	98	224	168.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	336.64%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	

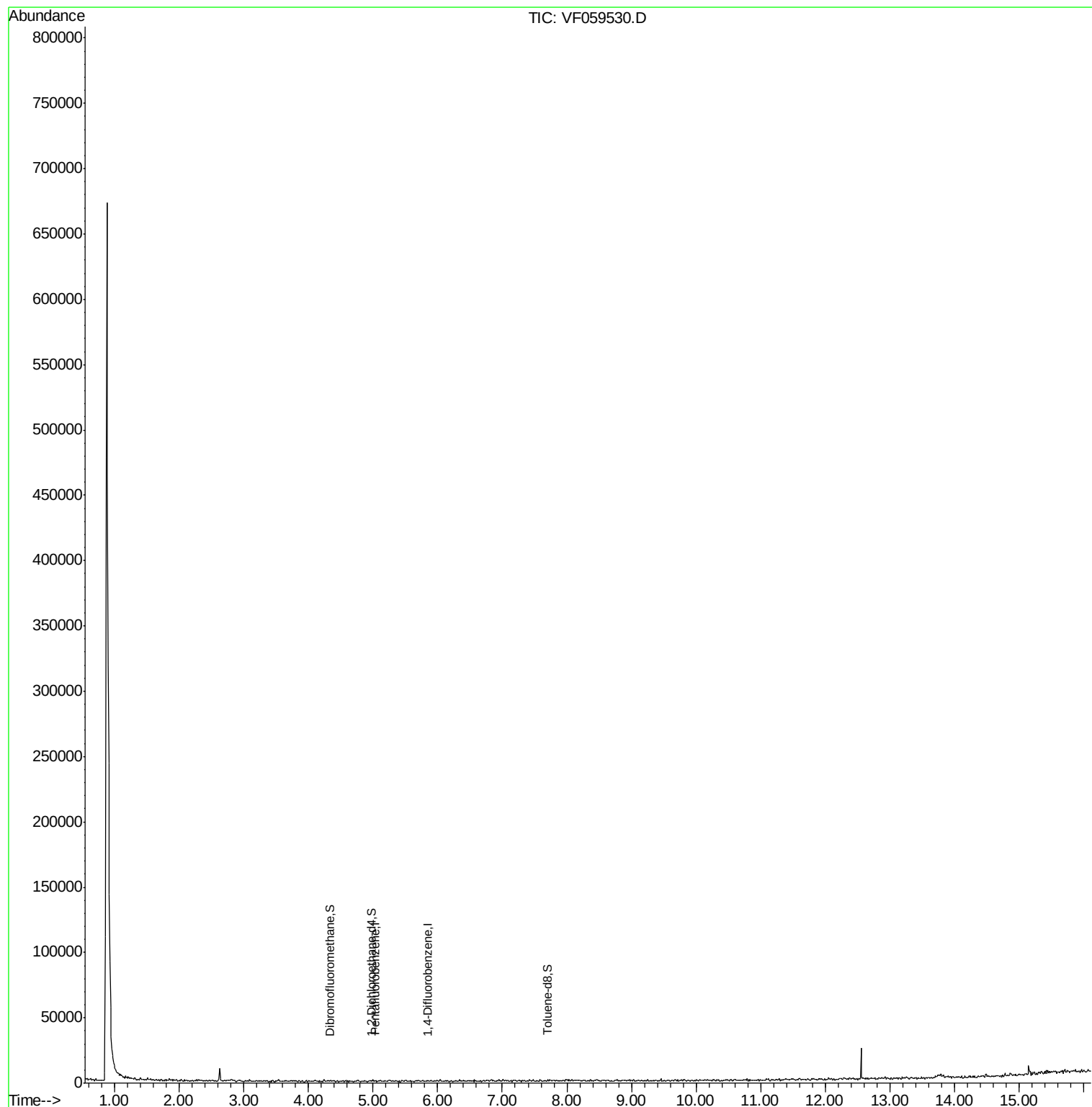
Target Compounds Qvalue

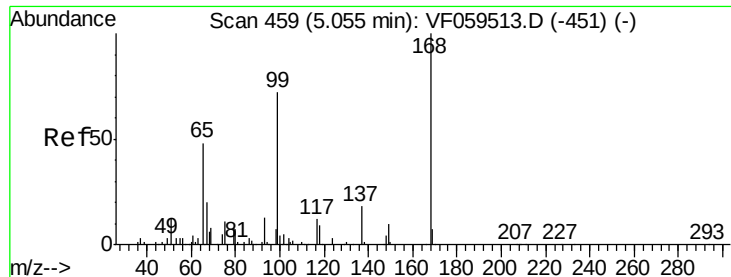
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.03 min

Lab File: VF059530.D

Acq: 18 Jul 2018 23:33

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MSVOA_F

ClientSampleId :

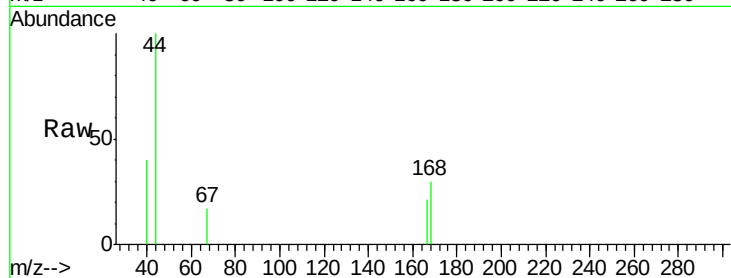
MH-3

Tot Ion:168 Resp: 257

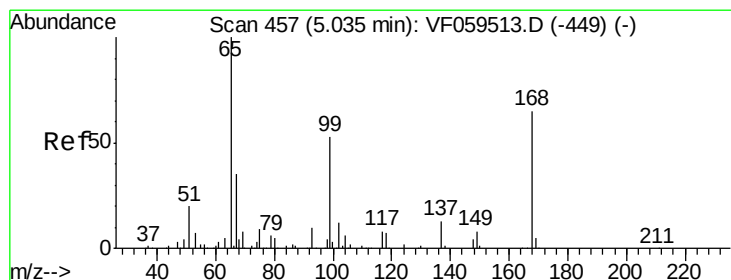
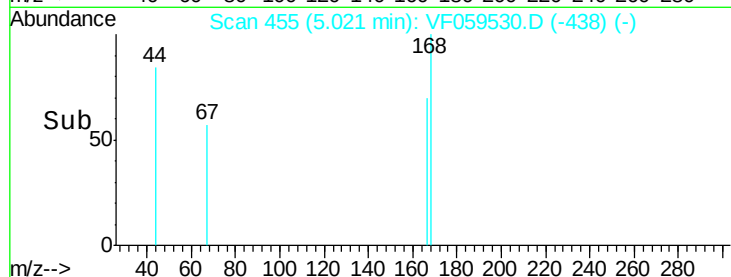
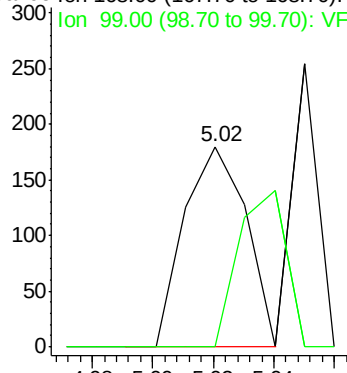
Ion Ratio Lower Upper

168 100

99 0.0 57.6 86.4#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 18.26 ug/l

RT: 4.98 min Scan# 451

Delta R.T. -0.05 min

Lab File: VF059530.D

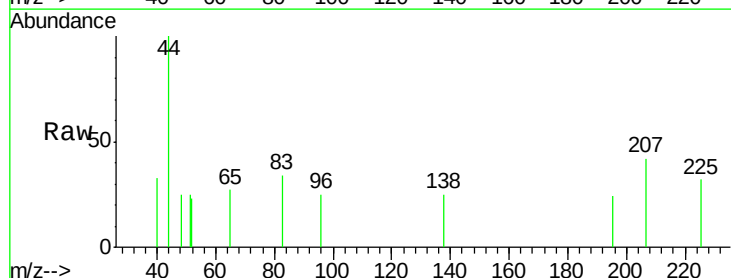
Acq: 18 Jul 2018 23:33

Tgt Ion: 65 Resp: 73

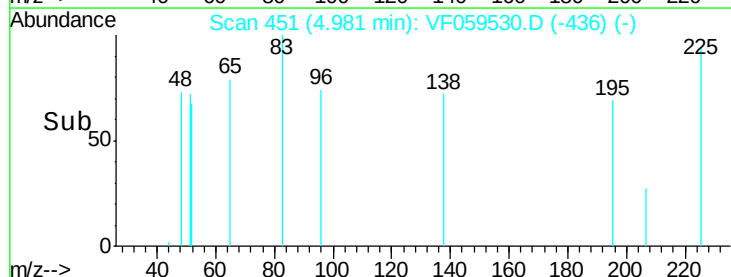
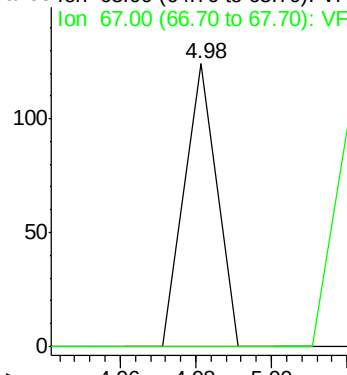
Ion Ratio Lower Upper

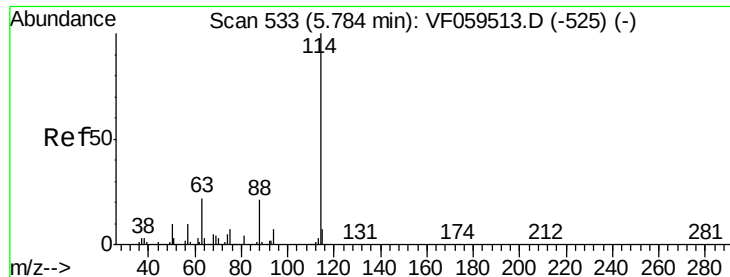
65 100

67 0.0 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.84 min Scan# 538

Delta R.T. 0.05 min

Lab File: VF059530.D

Acq: 18 Jul 2018 23:33

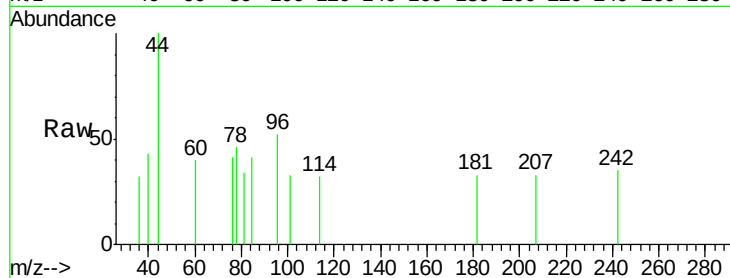
Instrument :

MSVOA_F

ClientSampled :

MH-3

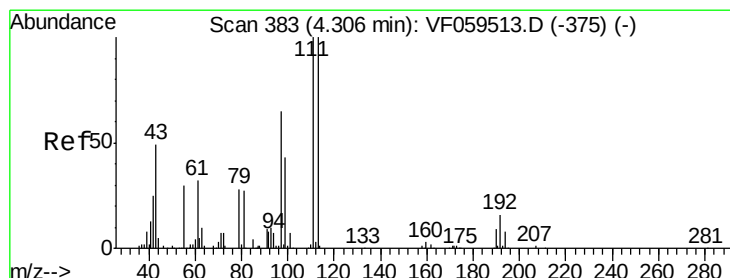
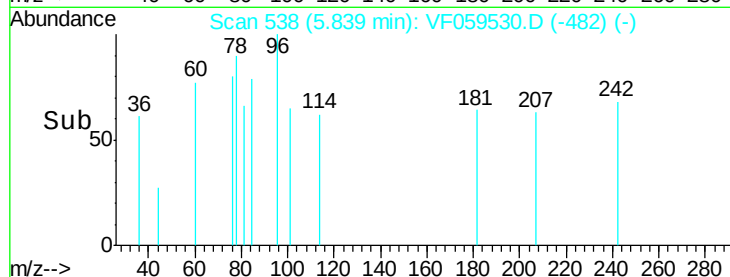
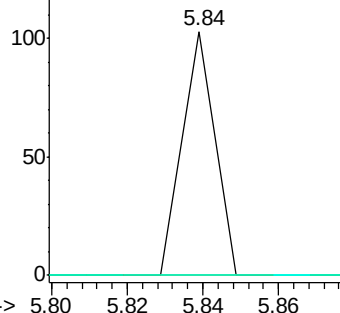
Tot Ion:	114	Resp:	61
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	44.8
88	0.0	0.0	42.6



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: 141.96 ug/l

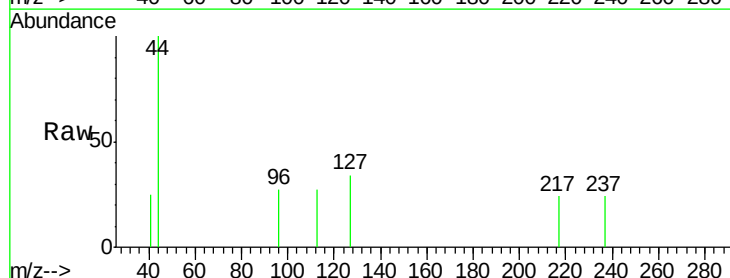
RT: 4.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF059530.D

Acq: 18 Jul 2018 23:33

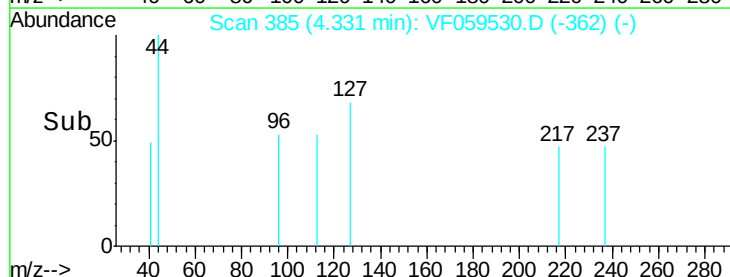
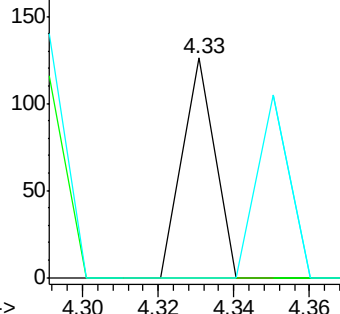
Tgt Ion:	113	Resp:	75
Ion	Ratio	Lower	Upper
113	100		
111	0.0	80.3	120.5#
192	0.0	13.1	19.7#

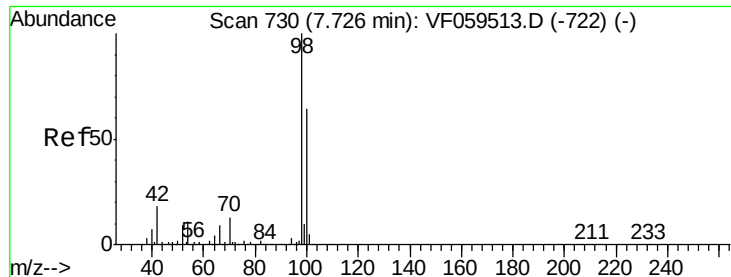


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 168.32 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF059530.D

Acq: 18 Jul 2018 23:33

Instrument :

MSVOA_F

ClientSampleId :

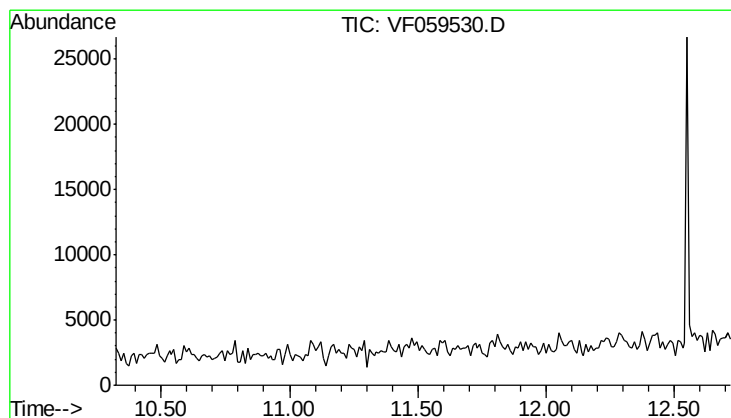
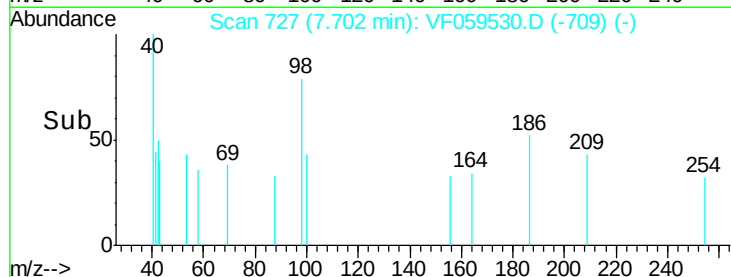
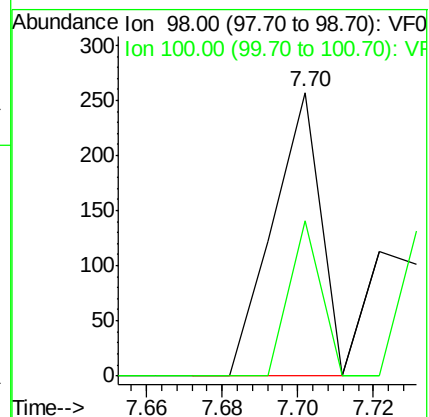
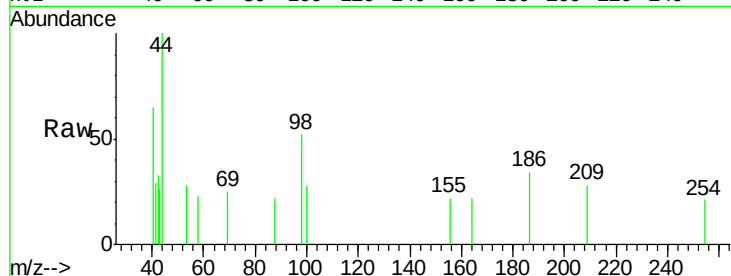
MH-3

Tot Ion: 98 Resp: 224

Ion Ratio Lower Upper

98 100

100 54.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

Expected RT: 11.52 min

Lab File: VF059530.D

Acq: 18 Jul 2018 23:33

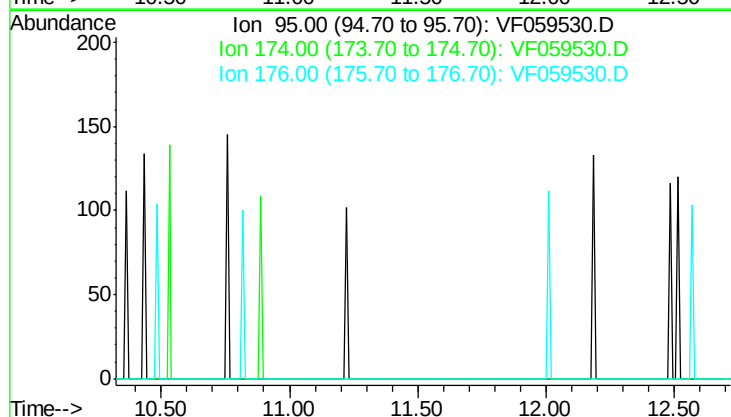
Tgt Ion: 95

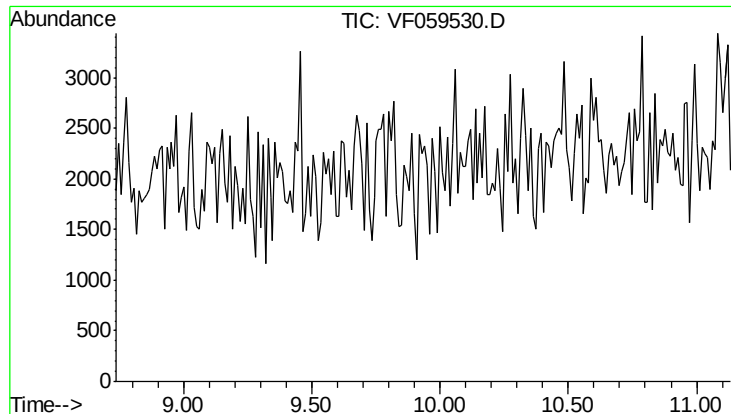
Sig Exp Ratio

95 100

174 87.2

176 84.7



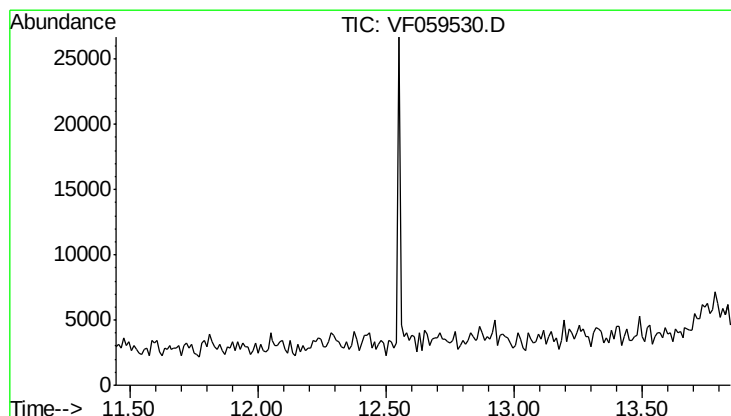
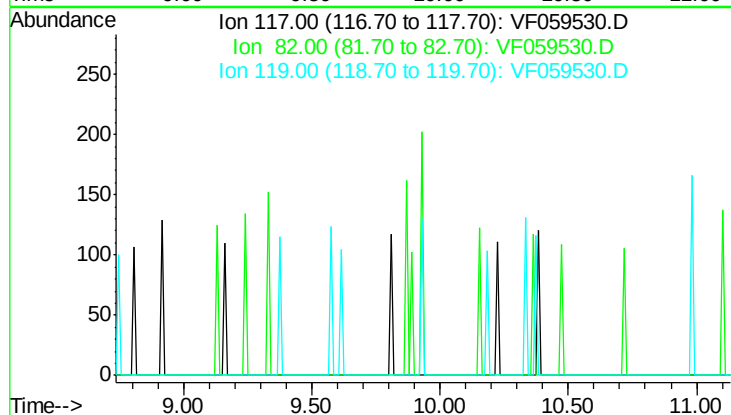


#63
 Chlorobenzene-d5
 Concen: 0.00 ug/l
 Expected RT: 9.93 min

Lab File: VF059530.D
 Acq: 18 Jul 2018 23:33

Instrument :
 MSVOA_F
 ClientSampleId :
 MH-3

Tot Ion	117
Sig	Exp Ratio
117	100
82	57.6
119	34.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ug/l
 Expected RT: 12.64 min

Lab File: VF059530.D
 Acq: 18 Jul 2018 23:33

Tgt Ion	152
Sig	Exp Ratio
152	100
115	55.5
150	159.2

