

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059550.D
 Acq On : 19 Jul 2018 10:12
 Operator : VA/AP
 Sample : J4035-07
 Misc : 5.60g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MH-3

Quant Time: Jul 19 14:57:15 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	20350	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	21737	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	16766	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	5176	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	6903	21.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	43.62%	
35) Dibromofluoromethane	4.27	113	7842	41.66	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	83.32%	
50) Toluene-d8	7.70	98	21316	44.95	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	89.90%	
62) 4-Bromofluorobenzene	11.50	95	6762	27.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	54.36%	

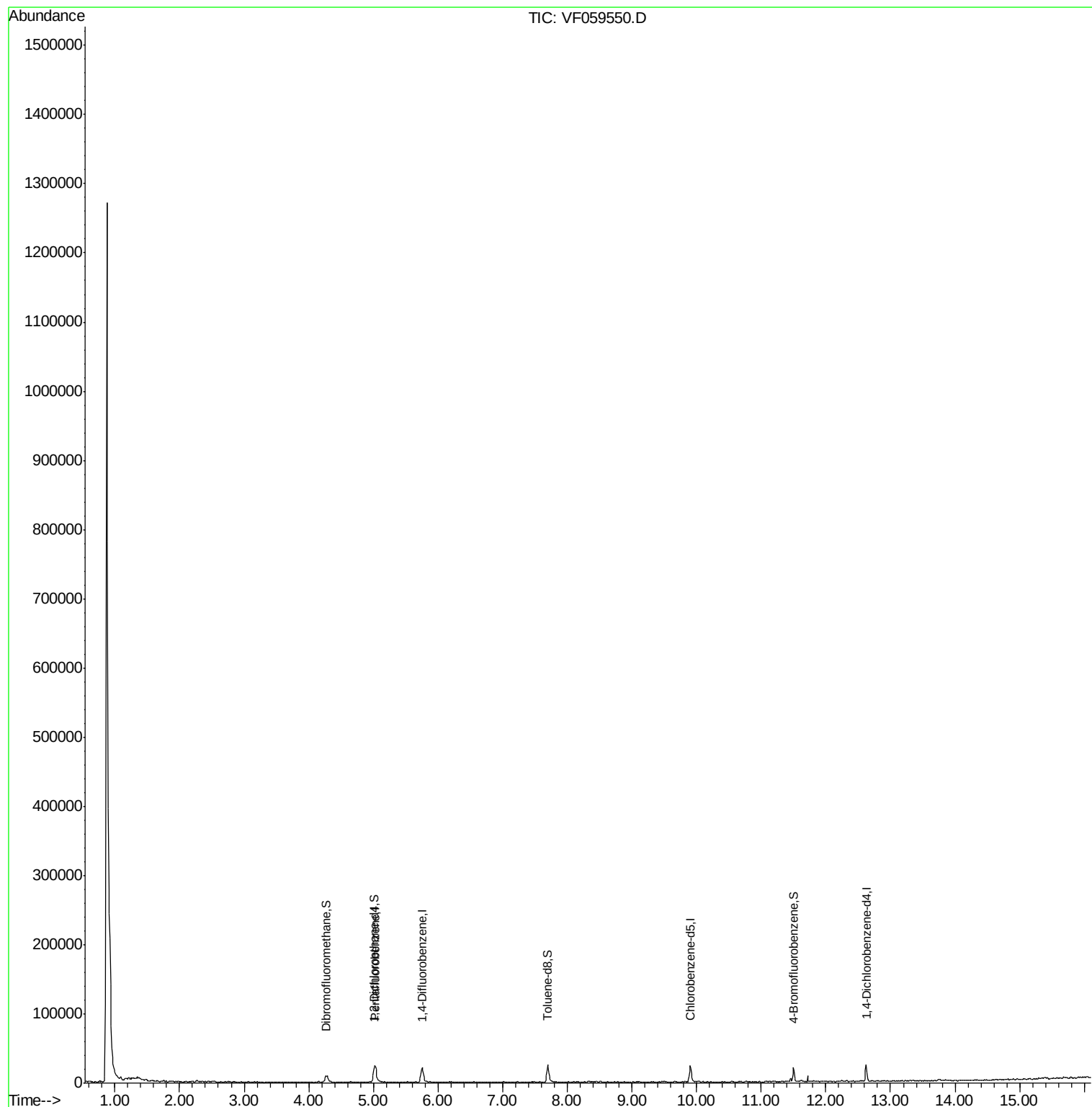
Target Compounds	Qvalue

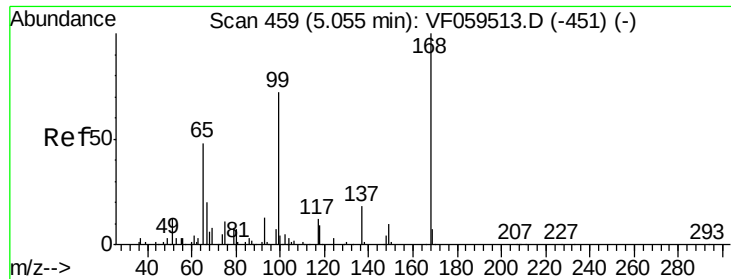
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF059550.D

Acq: 19 Jul 2018 10:12

Instrument :

MSVOA_F

ClientSampleId :

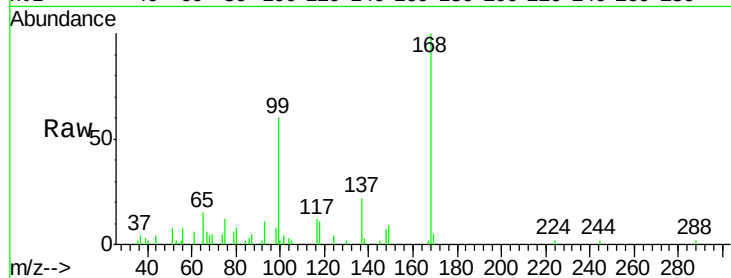
MH-3

Tot Ion:168 Resp: 20350

Ion Ratio Lower Upper

168 100

99 59.5 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

6000

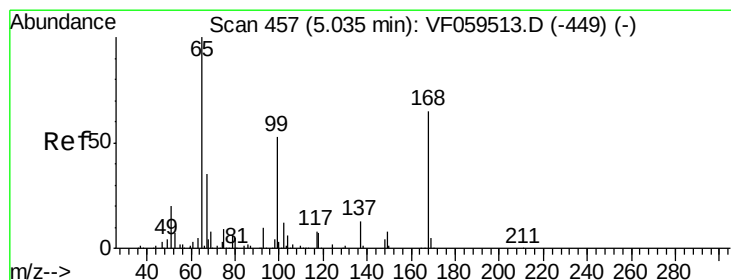
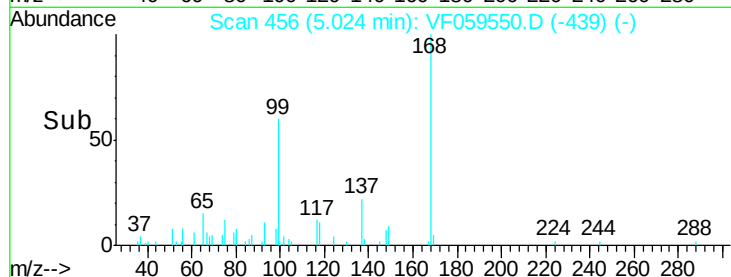
4000

2000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 21.81 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF059550.D

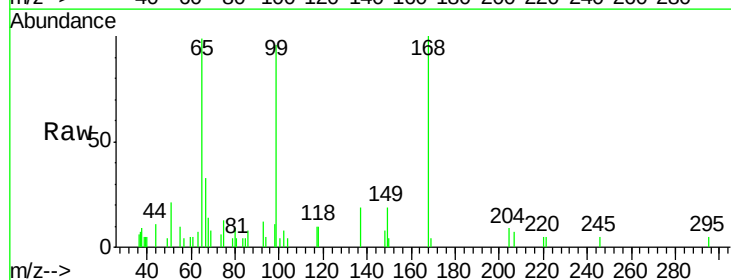
Acq: 19 Jul 2018 10:12

Tgt Ion: 65 Resp: 6903

Ion Ratio Lower Upper

65 100

67 33.4 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

3000

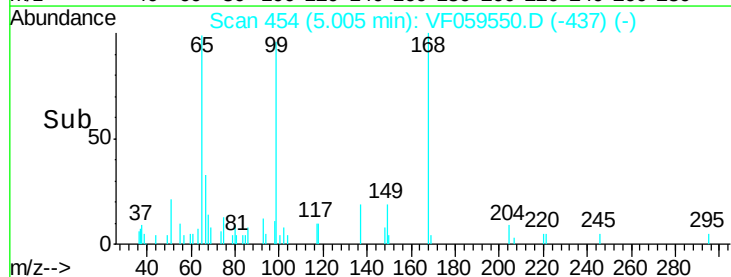
2000

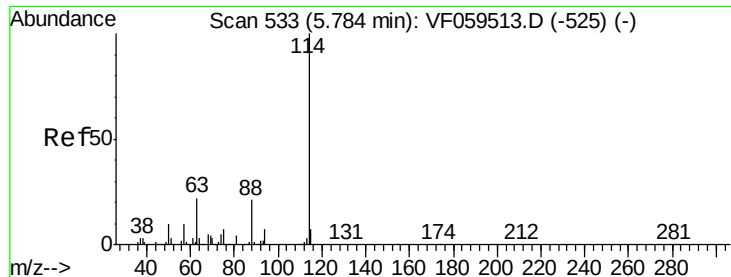
1000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF059550.D

Acq: 19 Jul 2018 10:12

Instrument :

MSVOA_F

ClientSampled :

MH-3

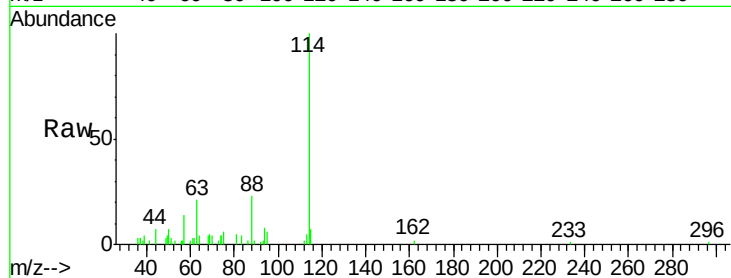
Tot Ion:114 Resp: 21737

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.8

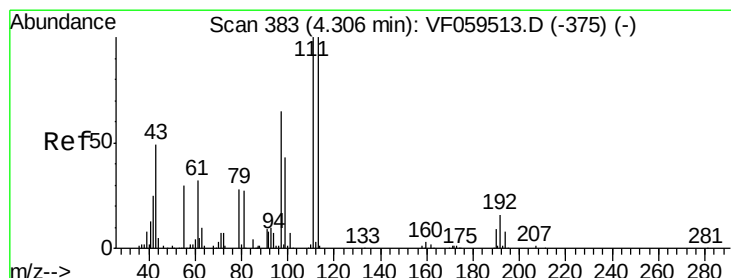
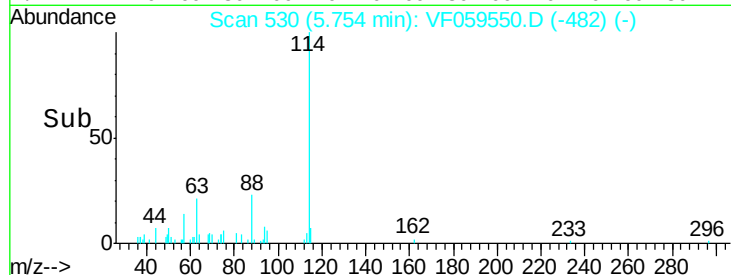
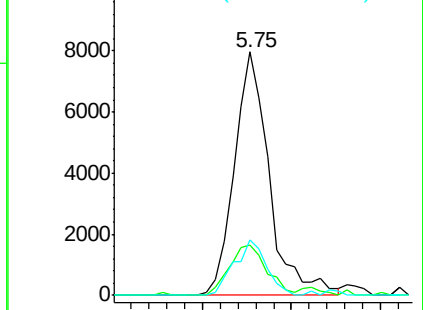
88 22.9 0.0 42.6



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: 41.66 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.04 min

Lab File: VF059550.D

Acq: 19 Jul 2018 10:12

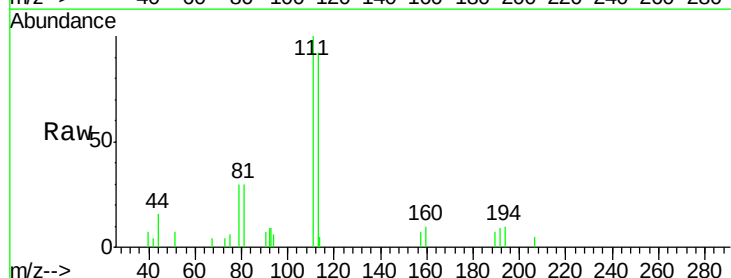
Tgt Ion:113 Resp: 7842

Ion Ratio Lower Upper

113 100

111 108.2 80.3 120.5

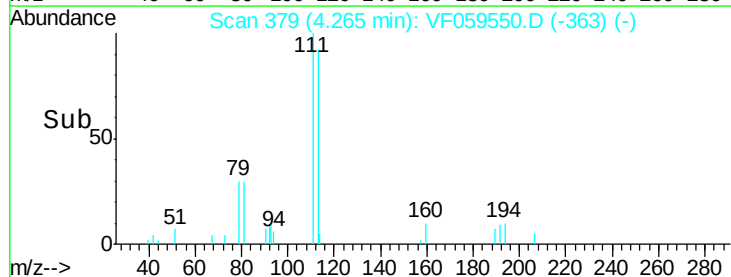
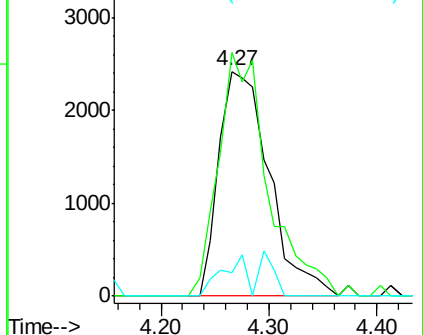
192 10.2 13.1 19.7#

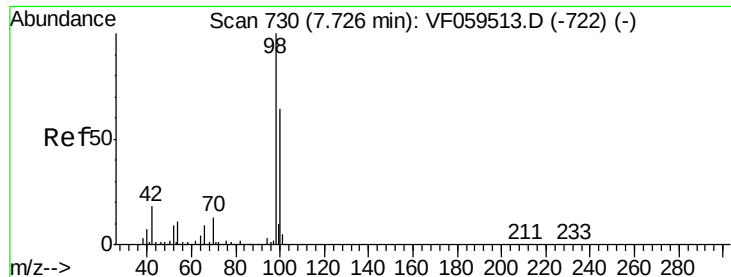


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

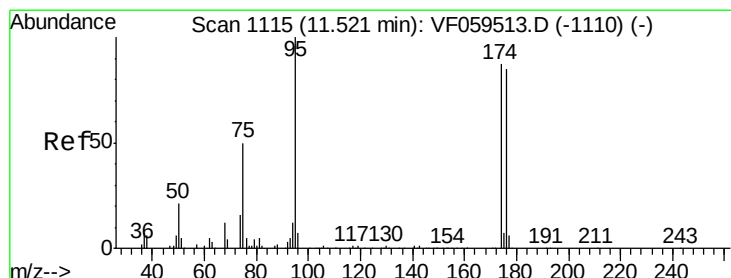
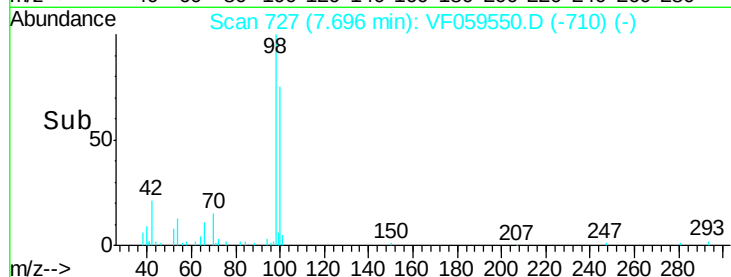
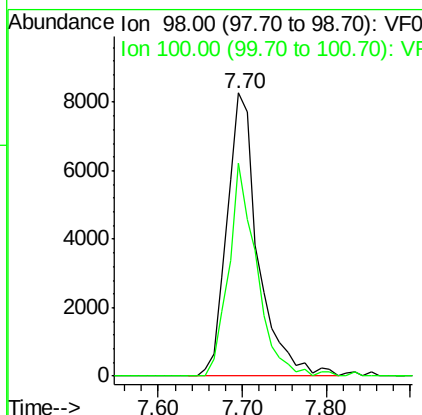
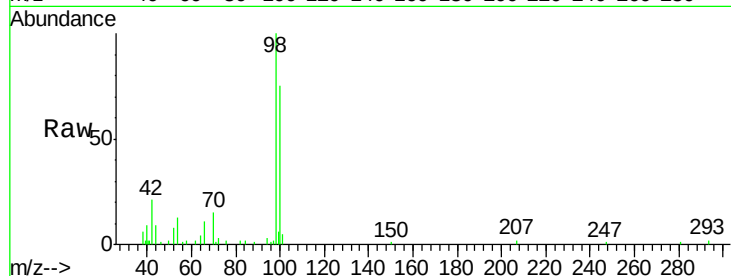




#50
Toluene-d8
Concen: 44.95 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059550.D
Acq: 19 Jul 2018 10:12

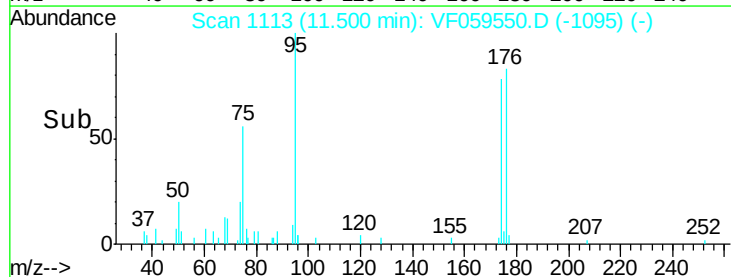
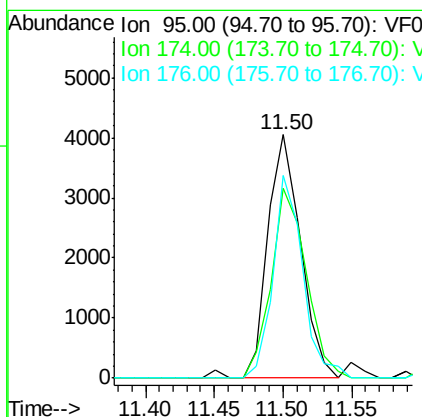
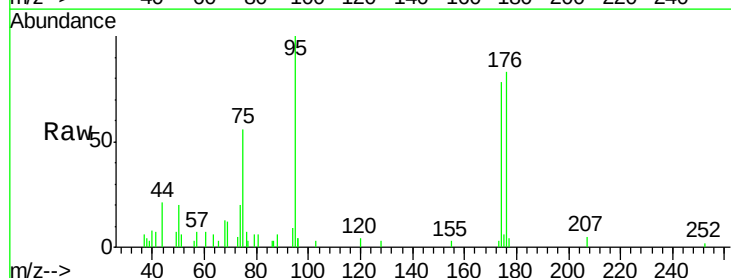
Instrument :
MSVOA_F
ClientSampleId :
MH-3

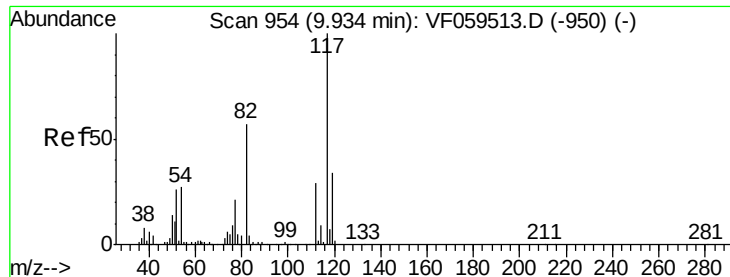
Tot Ion: 98 Resp: 21316
Ion Ratio Lower Upper
98 100
100 75.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 27.18 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059550.D
Acq: 19 Jul 2018 10:12

Tgt Ion: 95 Resp: 6762
Ion Ratio Lower Upper
95 100
174 74.9 0.0 174.4
176 80.2 0.0 169.4

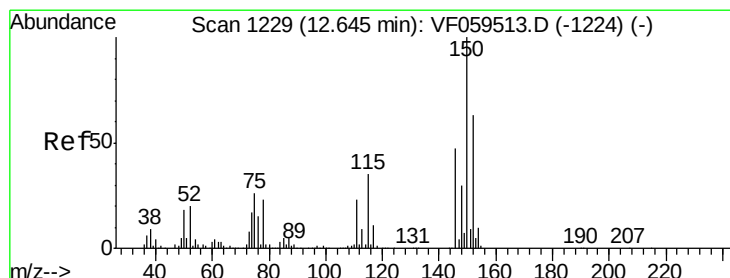
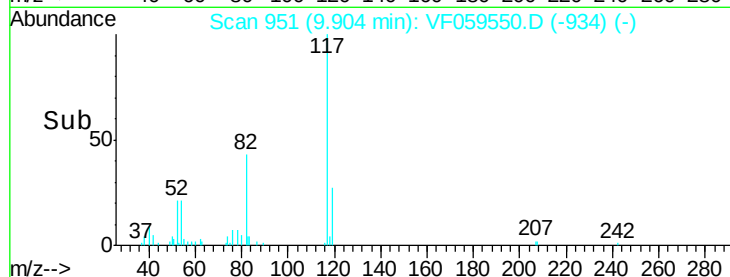
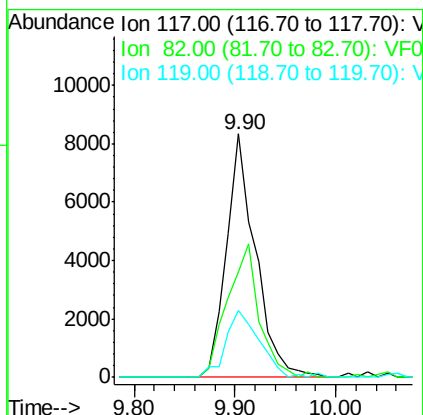
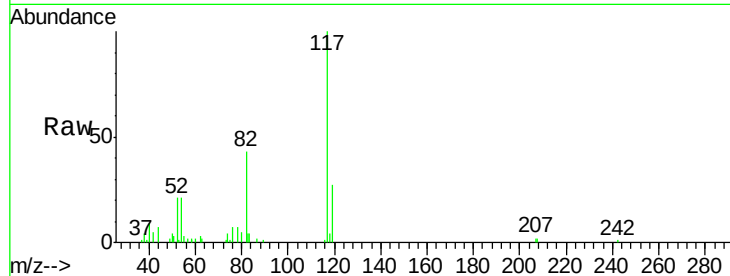




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059550.D
Acq: 19 Jul 2018 10:12

Instrument :
MSVOA_F
ClientSampled :
MH-3

Tot Ion:117 Resp: 16766
Ion Ratio Lower Upper
117 100
82 43.3 46.1 69.1#
119 27.5 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059550.D
Acq: 19 Jul 2018 10:12

Tgt Ion:152 Resp: 5176
Ion Ratio Lower Upper
152 100
115 68.8 27.8 83.3
150 174.6 0.0 318.4

