

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059396.D
 Acq On : 2 Jul 2018 19:28
 Operator : VA/AP
 Sample : J3802-02RE
 Misc : 7.60g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-2(15.0)RE

Quant Time: Jul 03 10:47:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	180828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	400654	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	246652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	118356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	149378	63.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.88%	
35) Dibromofluoromethane	4.28	113	118660	40.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.06%	
50) Toluene-d8	7.70	98	295406	40.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.52%	
62) 4-Bromofluorobenzene	11.50	95	169308	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	

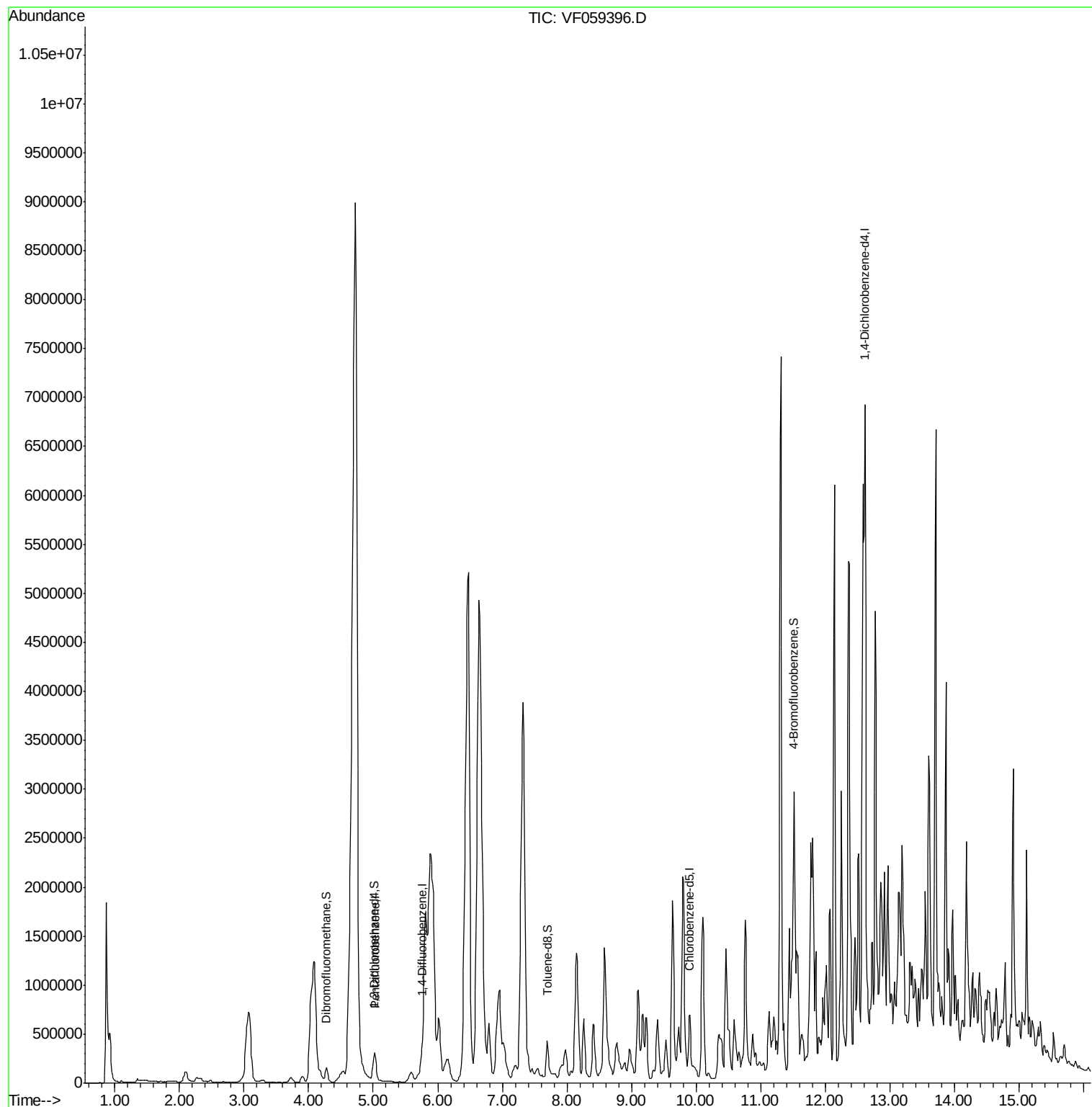
Target Compounds Qvalue

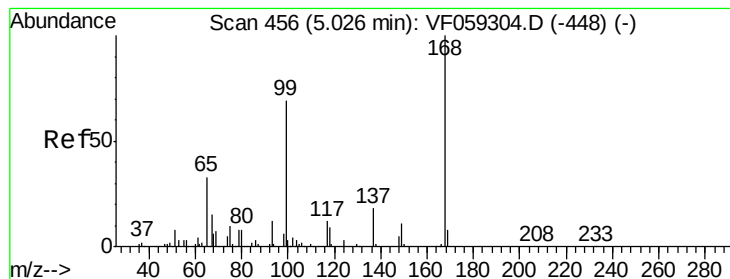
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059396.D

Acq: 2 Jul 2018 19:28

Instrument :

MSVOA_F

ClientSampleId :

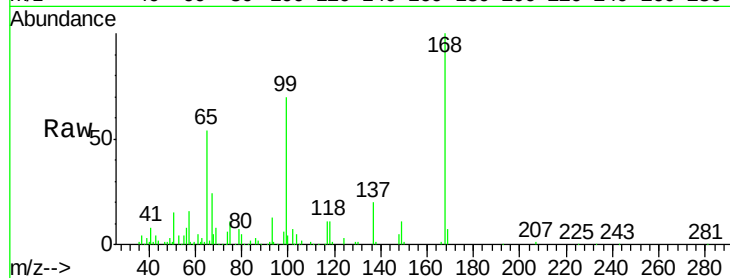
CF-2(15.0)RE

Tot Ion:168 Resp: 180828

Ion Ratio Lower Upper

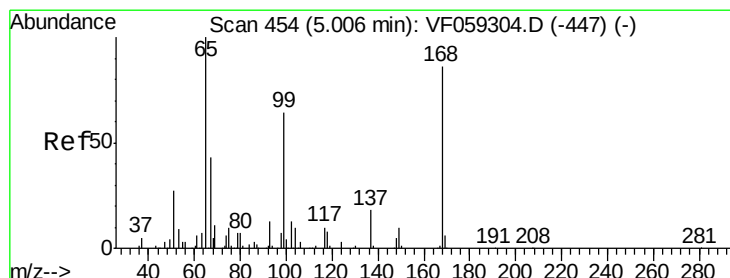
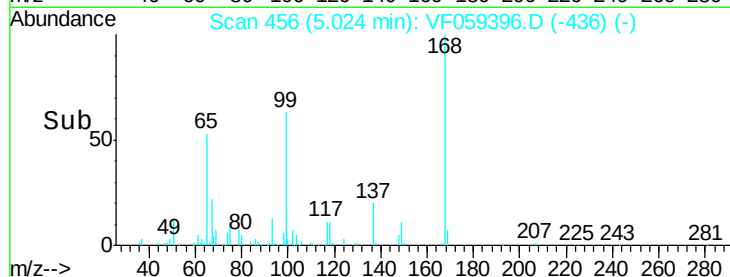
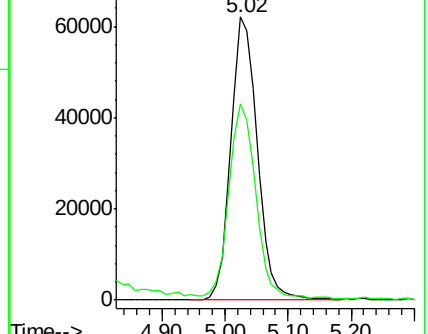
168 100

99 69.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 63.94 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059396.D

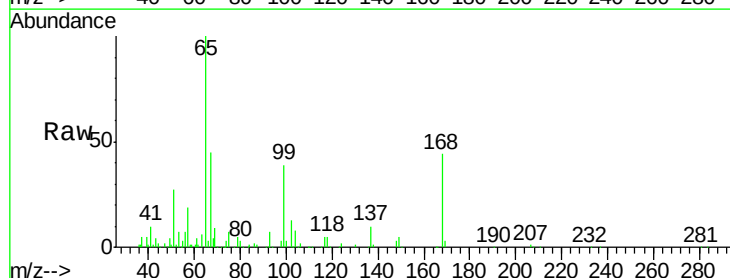
Acq: 2 Jul 2018 19:28

Tgt Ion: 65 Resp: 149378

Ion Ratio Lower Upper

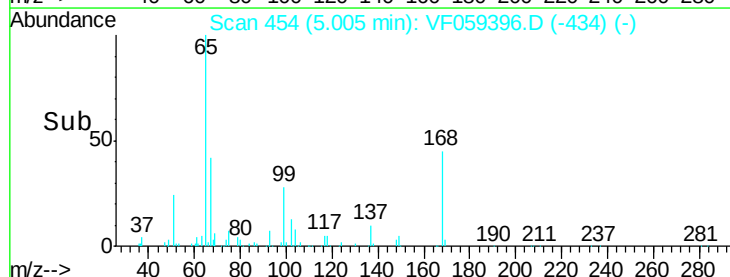
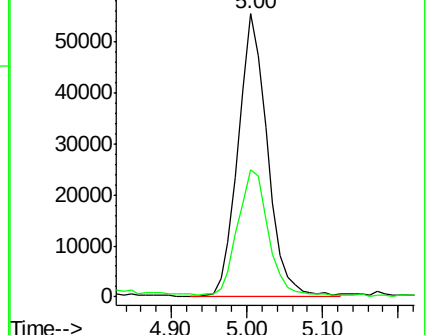
65 100

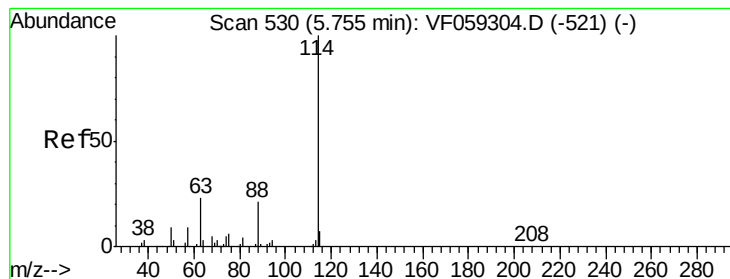
67 44.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059396.D

Acq: 2 Jul 2018 19:28

Instrument :

MSVOA_F

ClientSampleId :

CF-2(15.0)RE

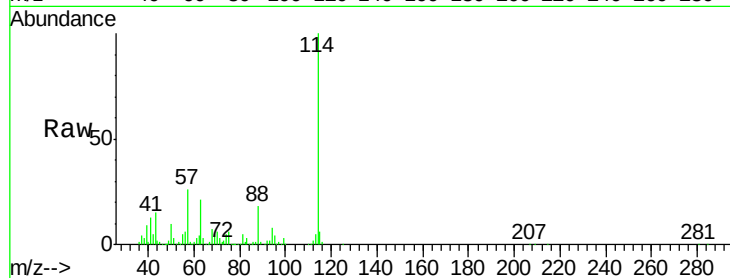
Tot Ion:114 Resp: 400654

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.8

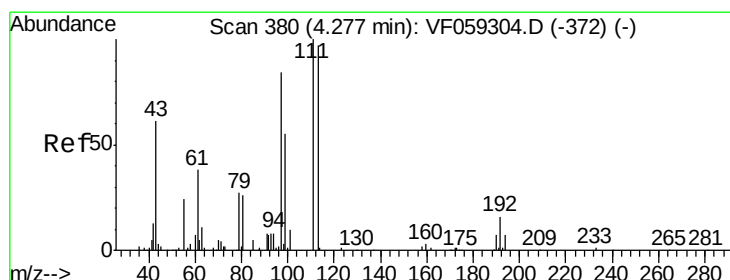
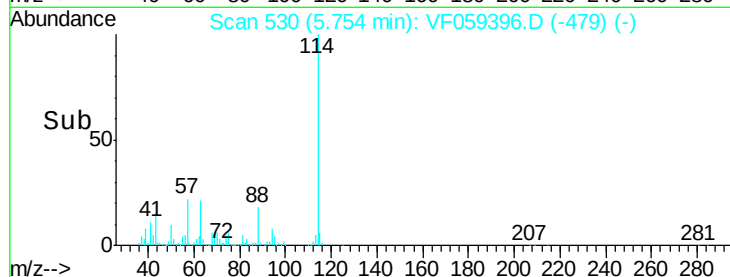
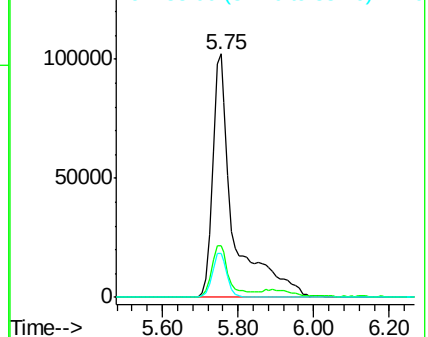
88 18.0 0.0 41.2



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: 40.53 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059396.D

Acq: 2 Jul 2018 19:28

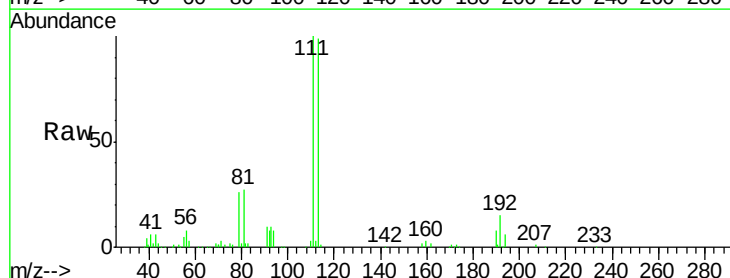
Tgt Ion:113 Resp: 118660

Ion Ratio Lower Upper

113 100

111 100.7 82.1 123.1

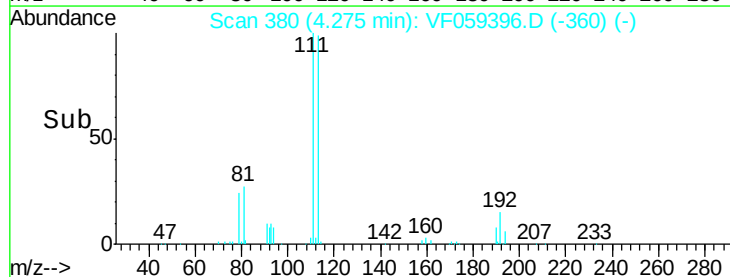
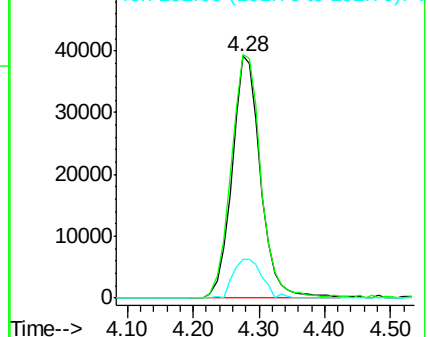
192 15.9 13.0 19.6

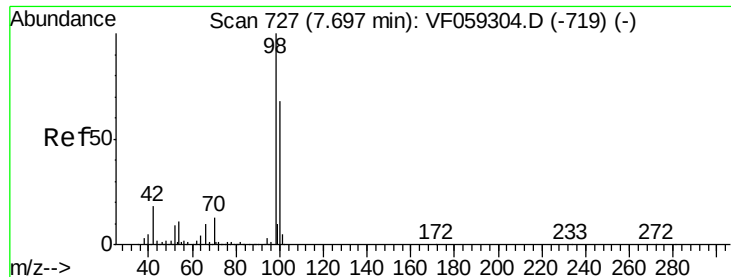


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

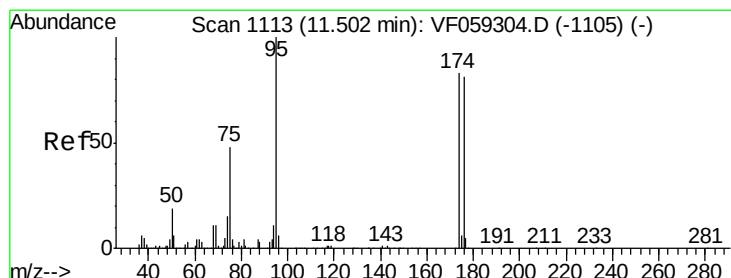
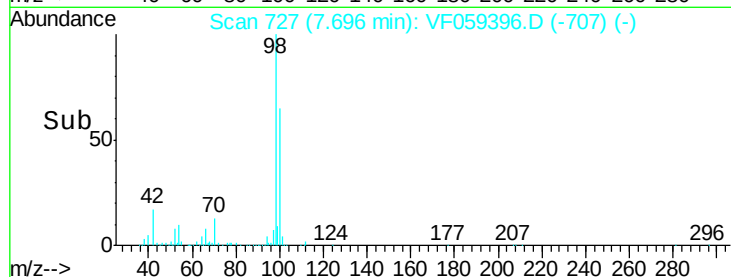
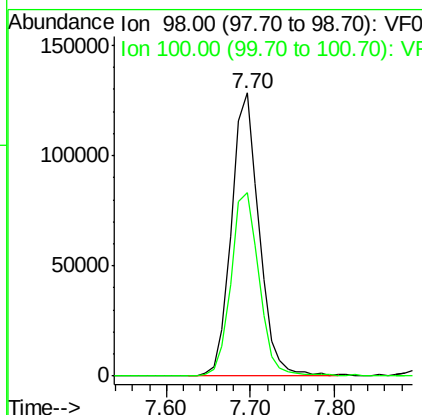
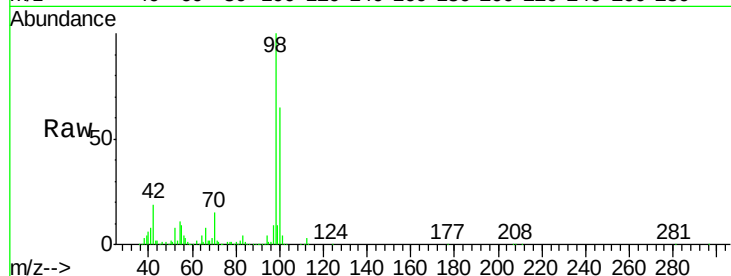




#50
Toluene-d8
Concen: 40.76 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059396.D
Acq: 2 Jul 2018 19:28

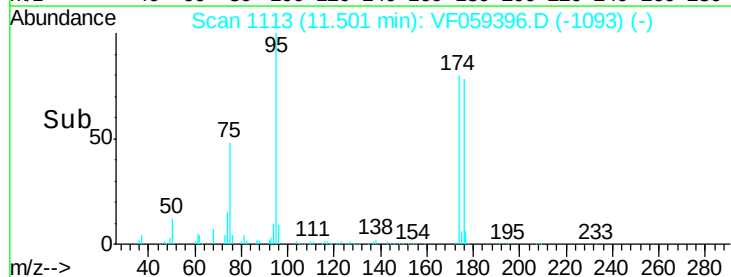
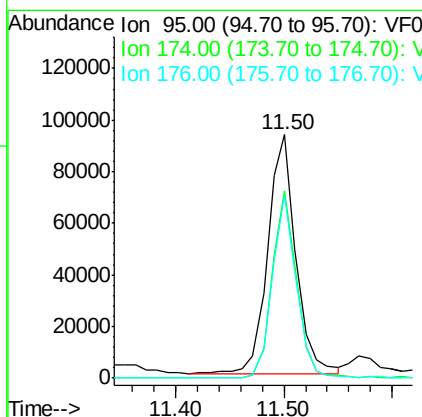
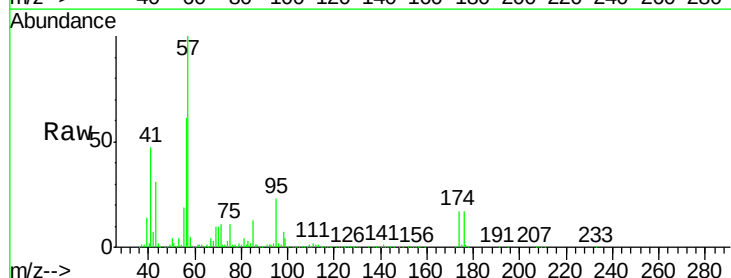
Instrument :
MSVOA_F
ClientSampleId :
CF-2(15.0)RE

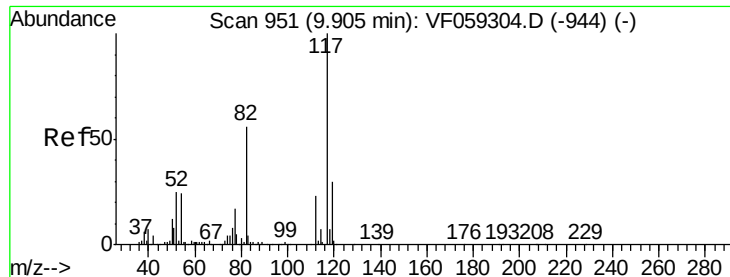
Tot Ion: 98 Resp: 295406
Ion Ratio Lower Upper
98 100
100 64.8 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 41.41 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059396.D
Acq: 2 Jul 2018 19:28

Tgt Ion: 95 Resp: 169308
Ion Ratio Lower Upper
95 100
174 77.2 0.0 165.2
176 75.3 0.0 161.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF059396.D

Acq: 2 Jul 2018 19:28

Instrument :

MSVOA_F

ClientSampleId :

CF-2(15.0)RE

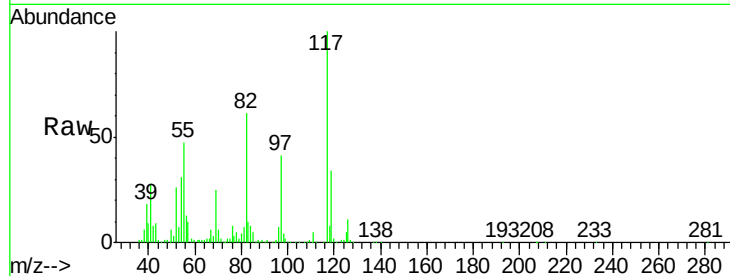
Tot Ion:117 Resp: 246652

Ion Ratio Lower Upper

117 100

82 61.0 44.6 66.8

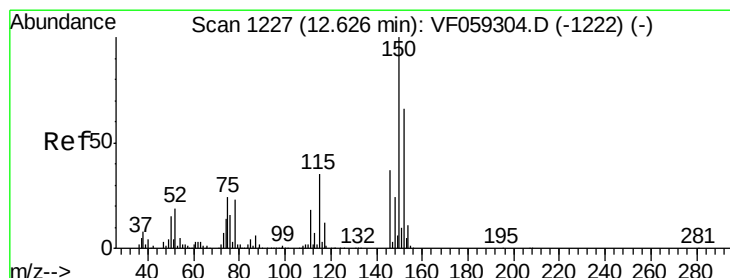
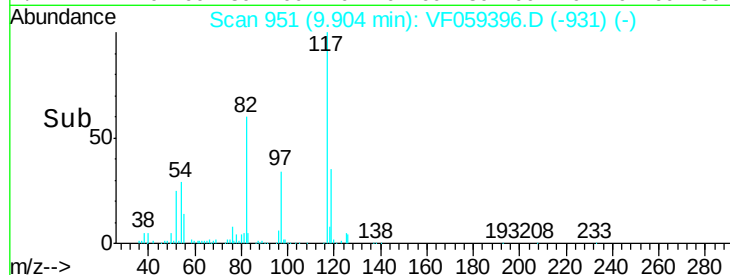
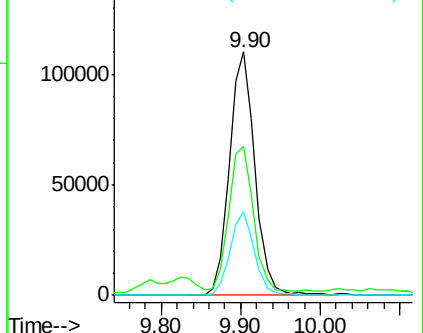
119 34.5 24.1 36.1



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: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059396.D

Acq: 2 Jul 2018 19:28

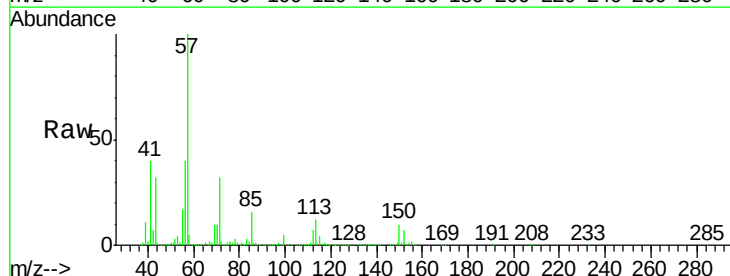
Tgt Ion:152 Resp: 118356

Ion Ratio Lower Upper

152 100

115 62.2 27.1 81.3

150 155.7 0.0 305.2



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

