

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059400.D
 Acq On : 2 Jul 2018 21:19
 Operator : VA/AP
 Sample : J3802-06RE
 Misc : 5.64g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-6(2.0)RE

Quant Time: Jul 03 11:53:54 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	5.01	168	187197	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	304018	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	290597	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	175598	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.99	65	167400	69.21	ug/l	-0.01
Spiked Amount						
			Recovery	=	138.42%	
35) Dibromofluoromethane	4.27	113	149973	67.51	ug/l	-0.01
Spiked Amount						
			Recovery	=	135.02%	
50) Toluene-d8	7.69	98	365011	66.37	ug/l	-0.01
Spiked Amount						
			Recovery	=	132.74%	
62) 4-Bromofluorobenzene	11.49	95	186392	60.08	ug/l	-0.01
Spiked Amount						
			Recovery	=	120.16%	

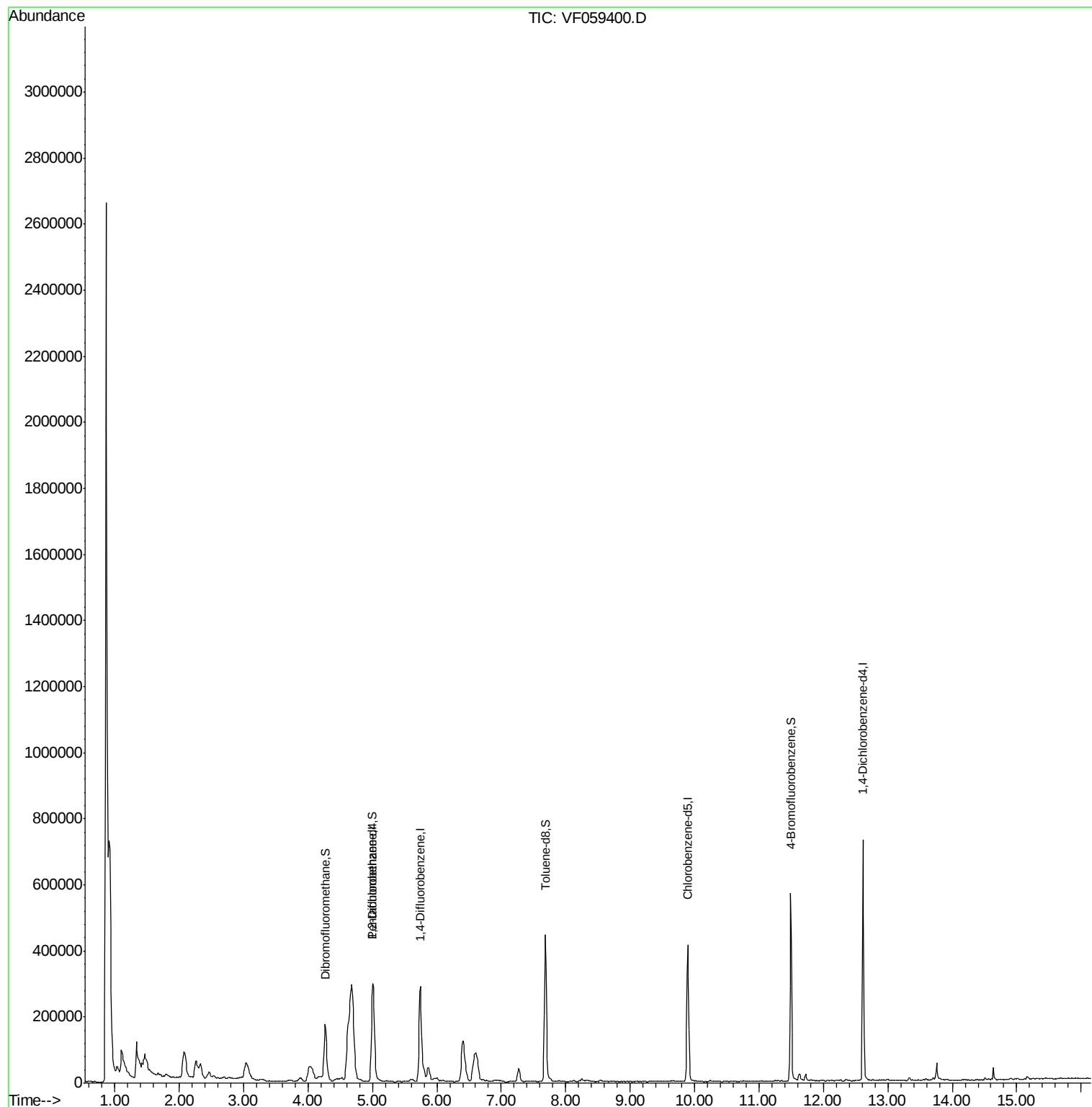
Target Compounds	Qvalue

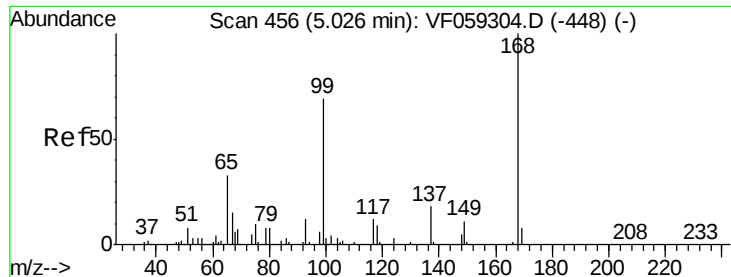
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059400.D

Acq: 2 Jul 2018 21:19

Instrument :

MSVOA_F

ClientSampleId :

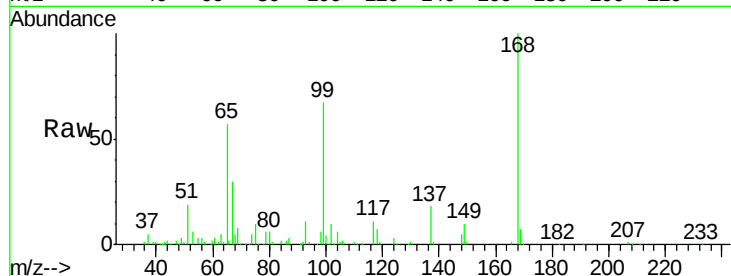
CF-6(2.0)RE

Tot Ion:168 Resp: 187197

Ion Ratio Lower Upper

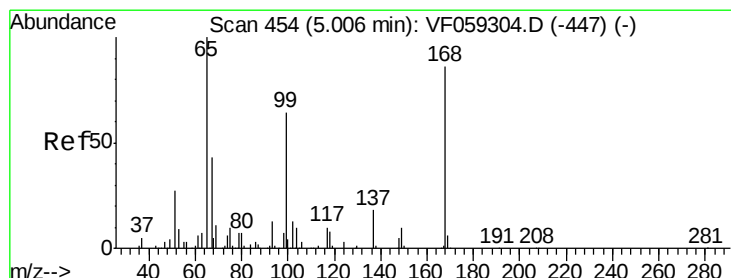
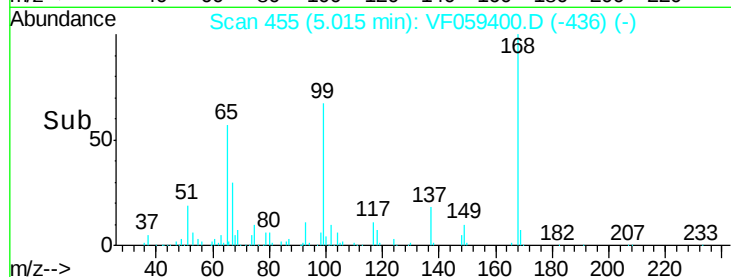
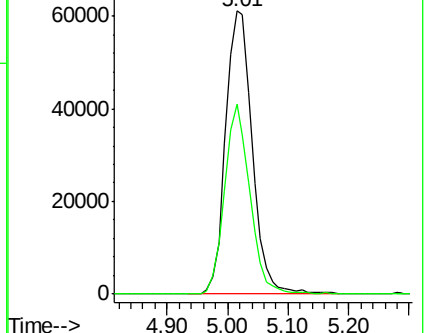
168 100

99 67.2 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 69.21 ug/l

RT: 4.99 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059400.D

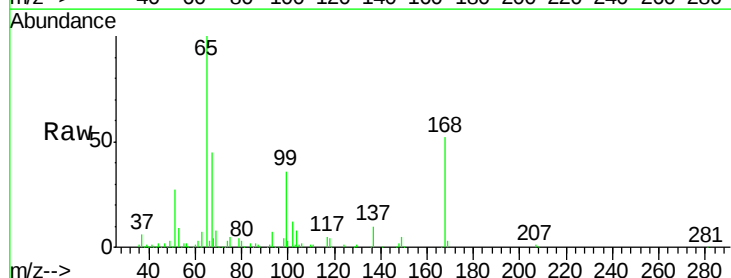
Acq: 2 Jul 2018 21:19

Tgt Ion: 65 Resp: 167400

Ion Ratio Lower Upper

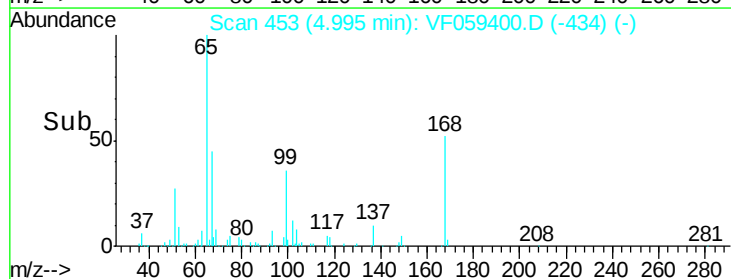
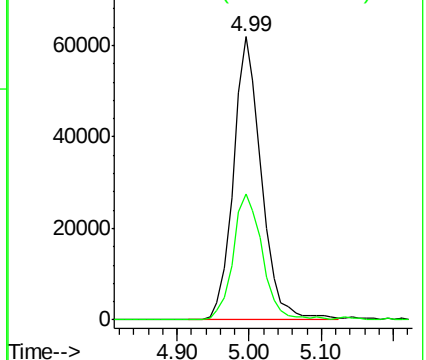
65 100

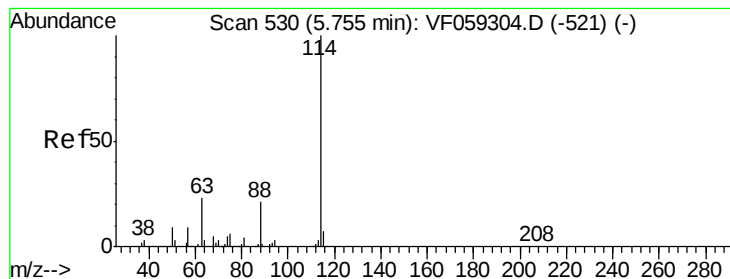
67 44.7 0.0 96.8



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: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059400.D

Acq: 2 Jul 2018 21:19

Instrument :

MSVOA_F

ClientSampleId :

CF-6(2.0)RE

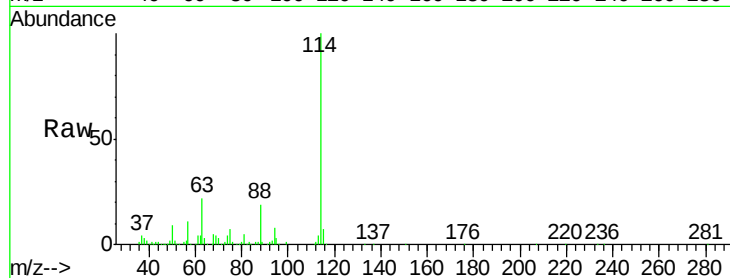
Tot Ion:114 Resp: 304018

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.8

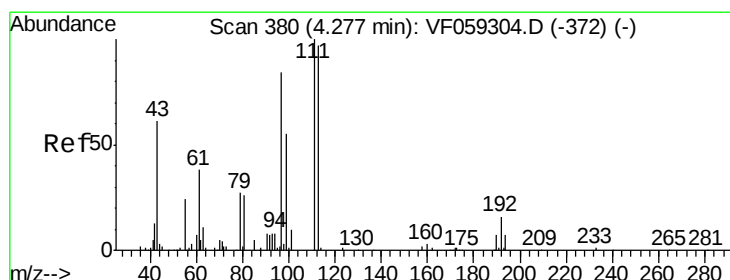
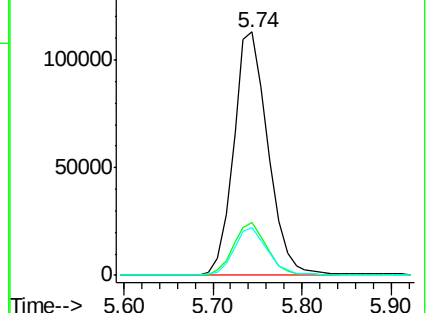
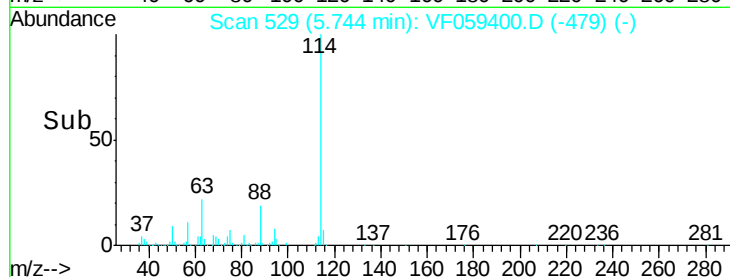
88 19.4 0.0 41.2



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: 67.51 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059400.D

Acq: 2 Jul 2018 21:19

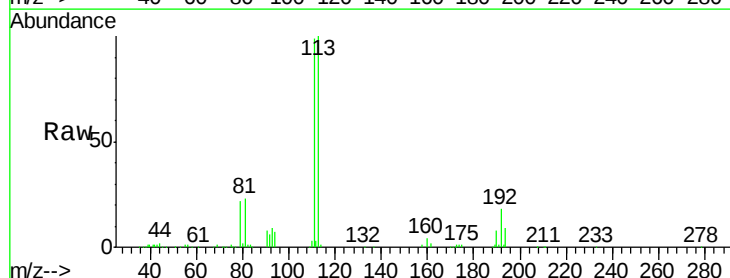
Tgt Ion:113 Resp: 149973

Ion Ratio Lower Upper

113 100

111 99.0 82.1 123.1

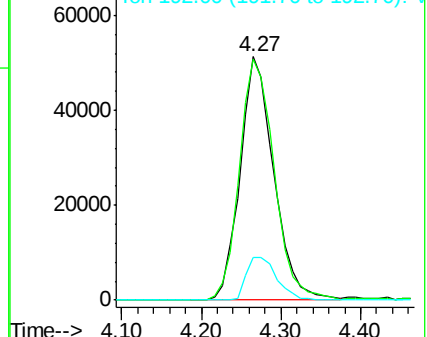
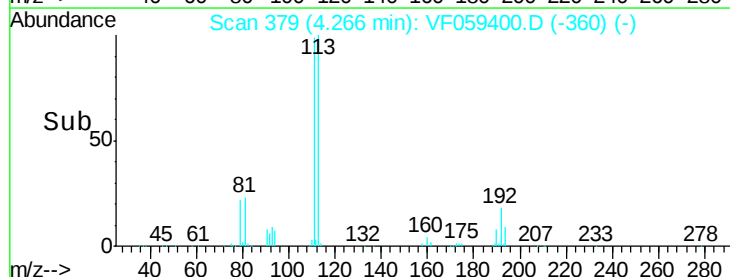
192 17.5 13.0 19.6



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

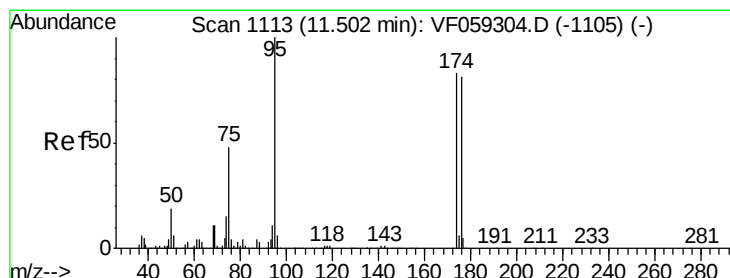
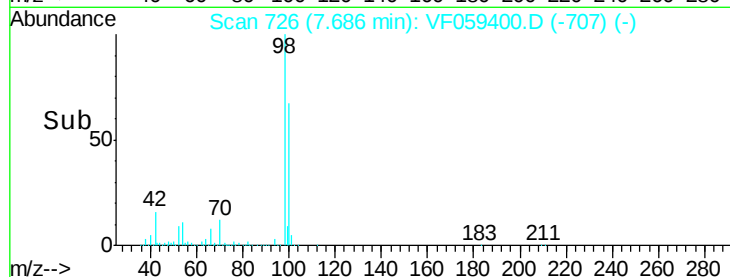
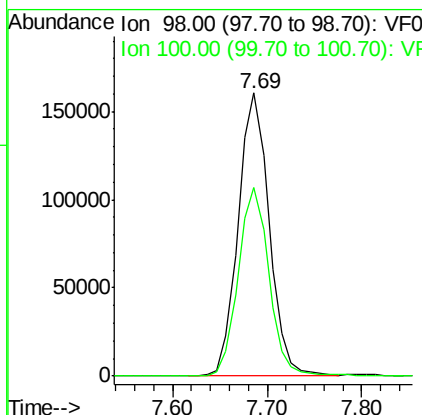
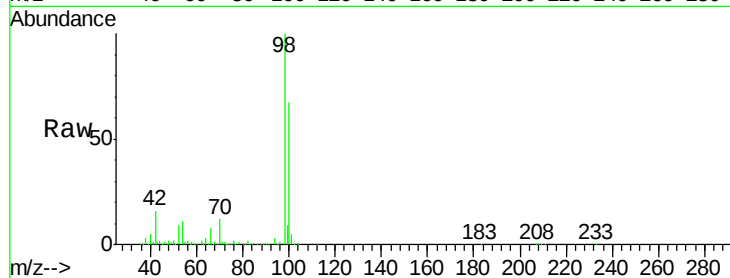




#50
Toluene-d8
Concen: 66.37 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.01 min
Lab File: VF059400.D
Acq: 2 Jul 2018 21:19

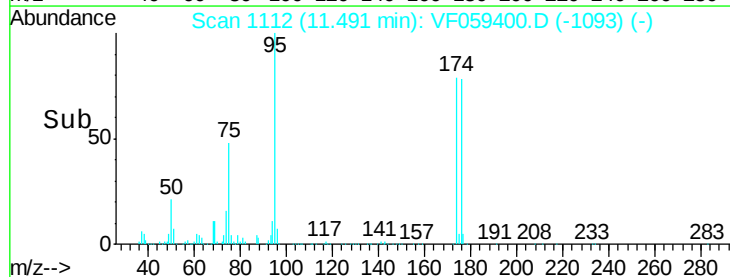
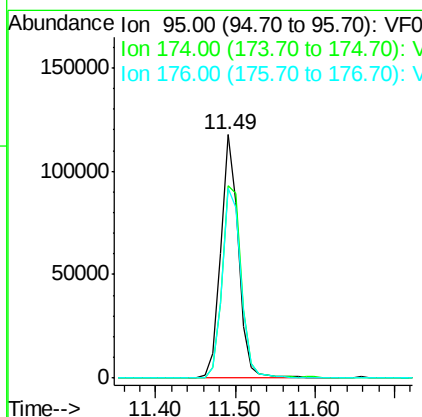
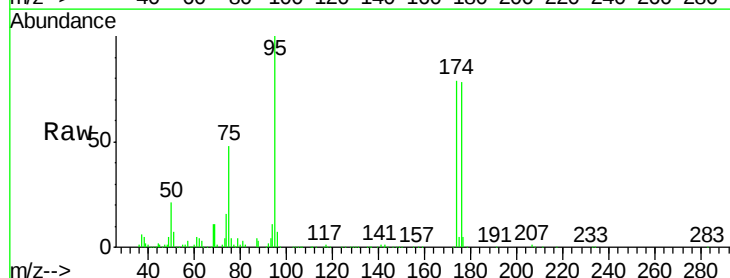
Instrument :
MSVOA_F
ClientSampleId :
CF-6(2.0)RE

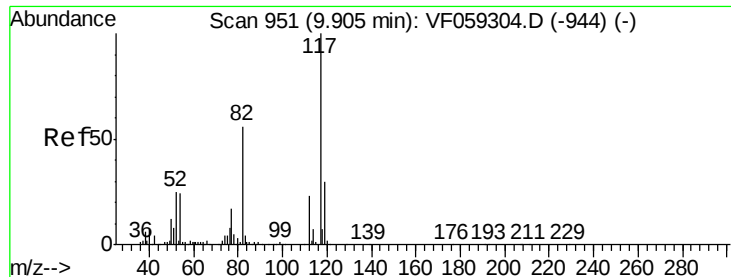
Tot Ion: 98 Resp: 365011
Ion Ratio Lower Upper
98 100
100 66.5 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 60.08 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059400.D
Acq: 2 Jul 2018 21:19

Tgt Ion: 95 Resp: 186392
Ion Ratio Lower Upper
95 100
174 79.0 0.0 165.2
176 78.2 0.0 161.0

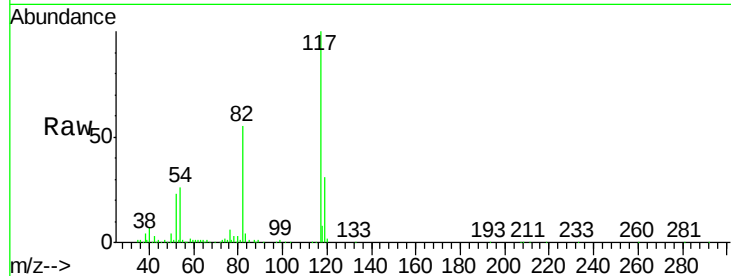




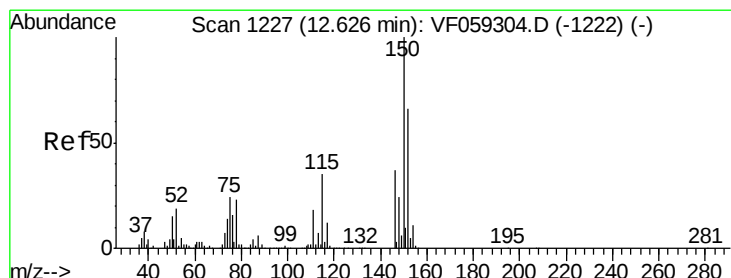
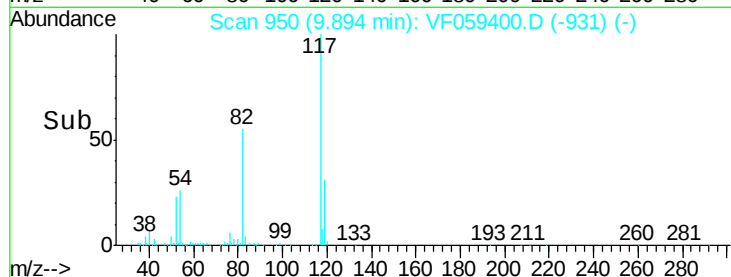
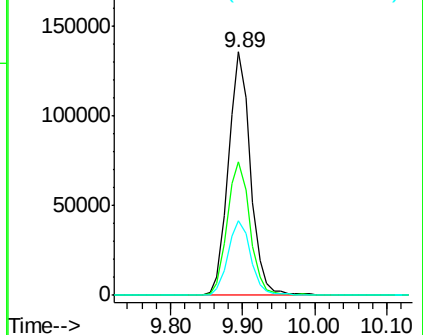
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059400.D
Acq: 2 Jul 2018 21:19

Instrument :
MSVOA_F
ClientSampleId :
CF-6(2.0)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	66.8
119	30.5	24.1	36.1

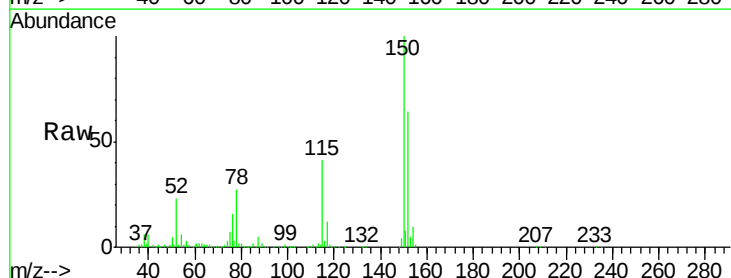


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059400.D
Acq: 2 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	27.1	81.3
150	156.6	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

