

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059327.D
 Acq On : 26 Jun 2018 20:00
 Operator : VA/AP
 Sample : J3629-05
 Misc : 6.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C3-01

Quant Time: Jun 27 18:00:44 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	141404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	218660	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	162136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	63994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	62881	34.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.84%	
35) Dibromofluoromethane	4.27	113	59675	37.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.70%	
50) Toluene-d8	7.69	98	139332	35.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.44%	
62) 4-Bromofluorobenzene	11.50	95	56625	25.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.76%	

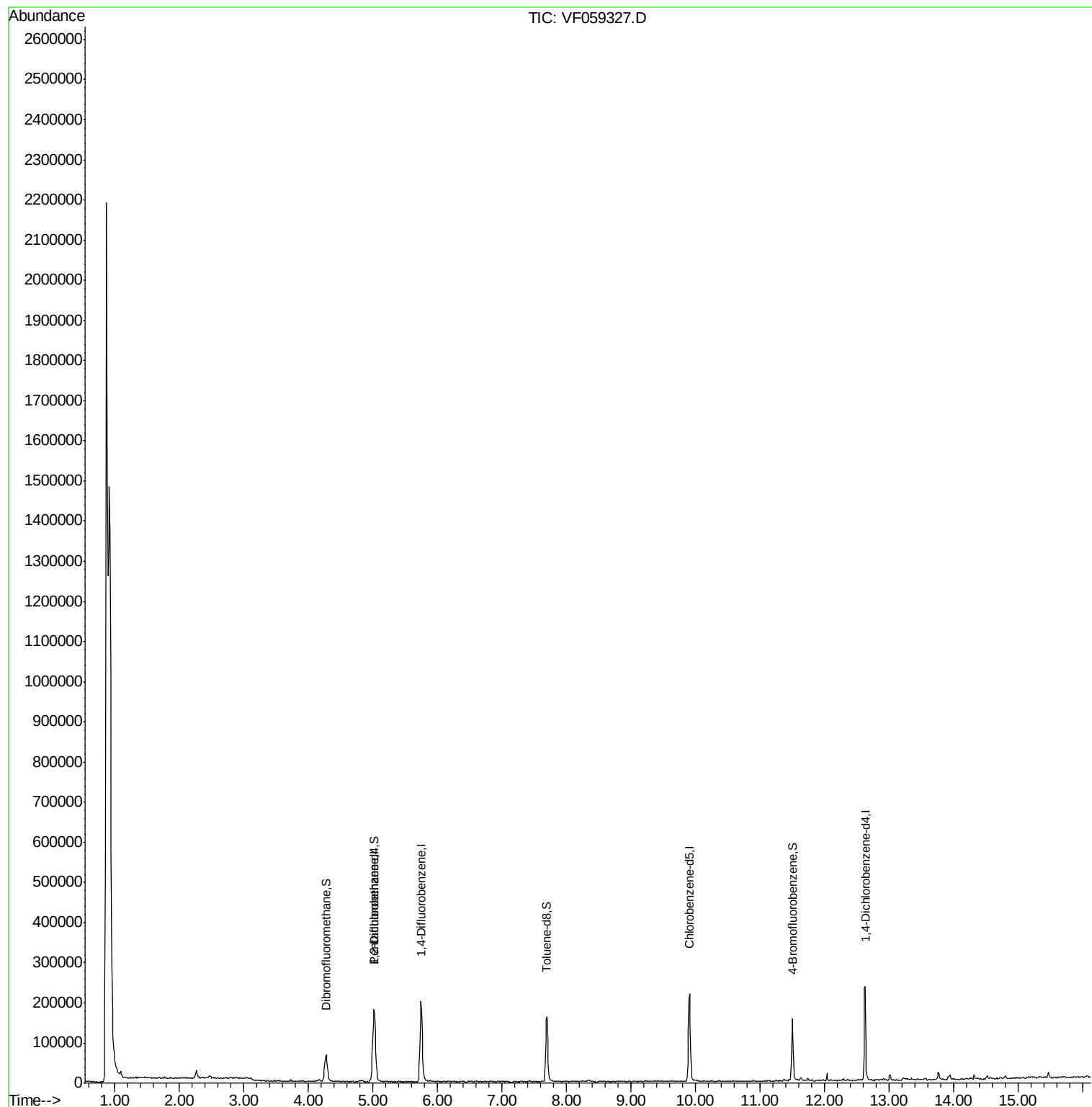
Target Compounds	Qvalue
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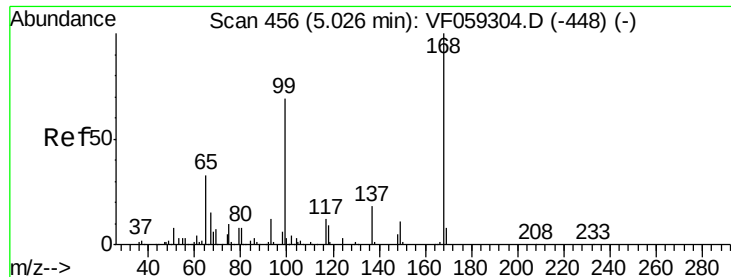
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF059327.D

Acq: 26 Jun 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

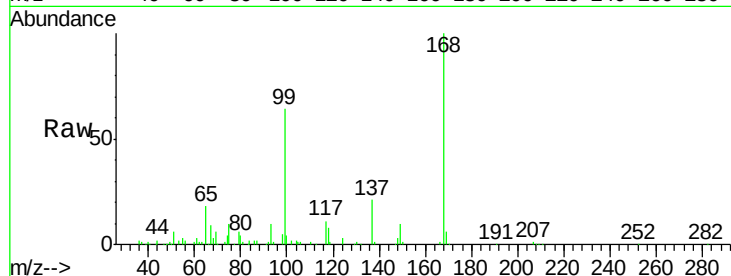
A0C3-01

Tot Ion:168 Resp: 141404

Ion Ratio Lower Upper

168 100

99 63.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

40000

30000

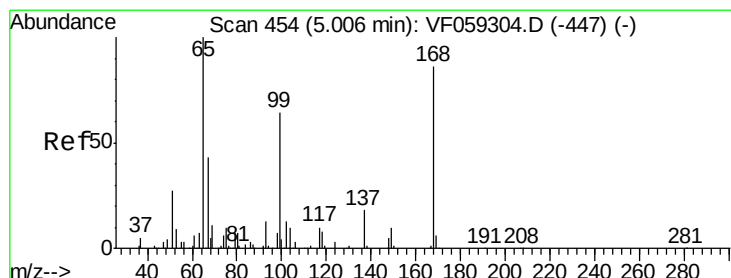
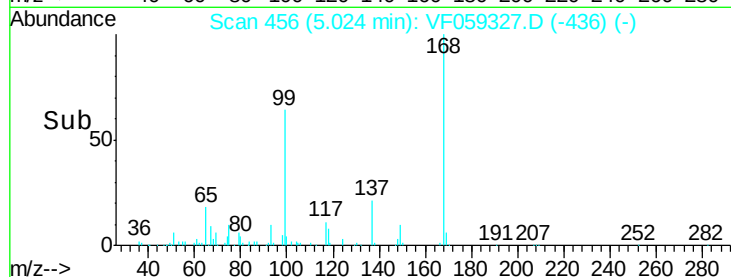
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 34.42 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059327.D

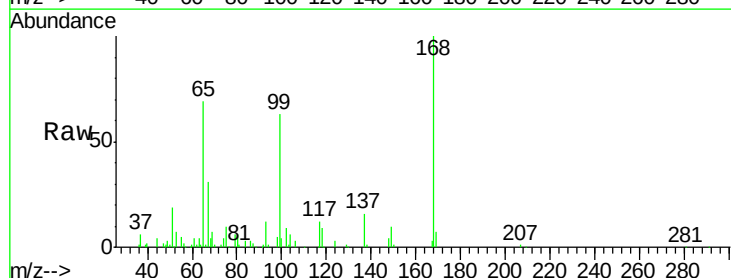
Acq: 26 Jun 2018 20:00

Tgt Ion: 65 Resp: 62881

Ion Ratio Lower Upper

65 100

67 45.1 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

25000

20000

15000

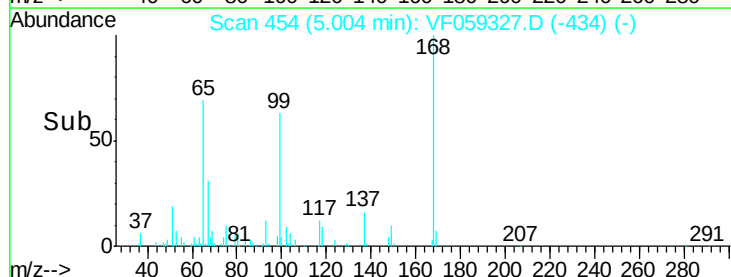
10000

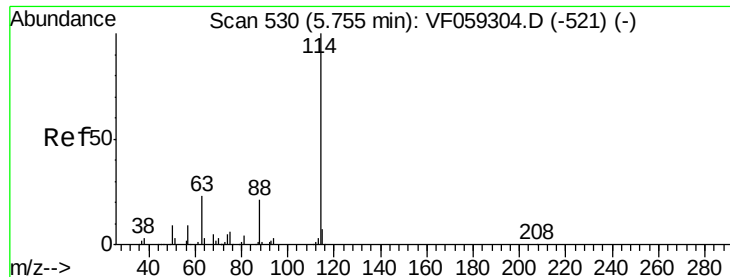
5000

0

Time-->

4.90 5.00 5.10

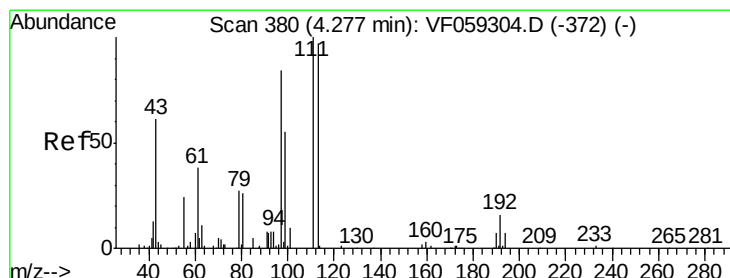
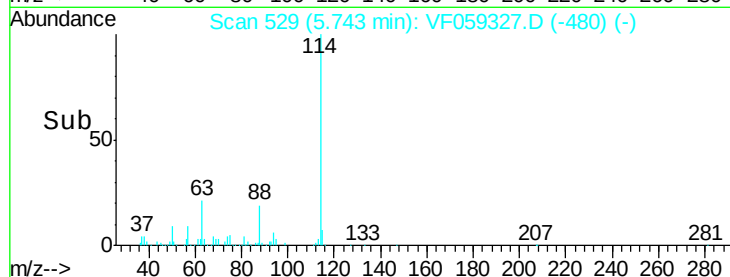
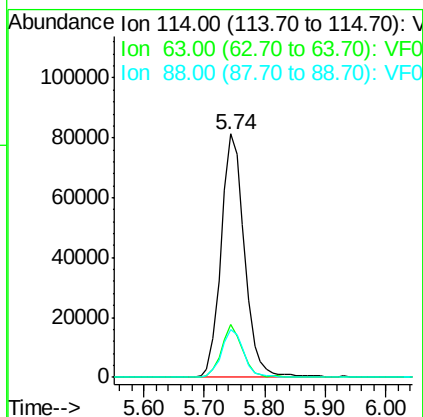
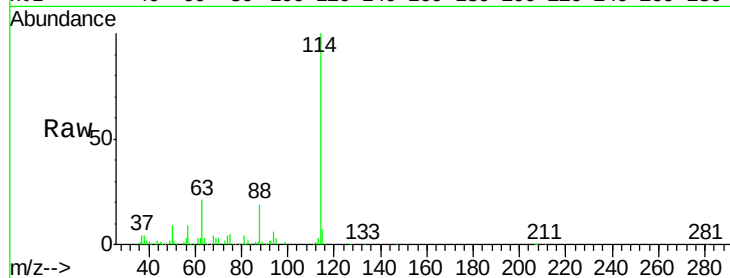




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VF059327.D
 Acq: 26 Jun 2018 20:00

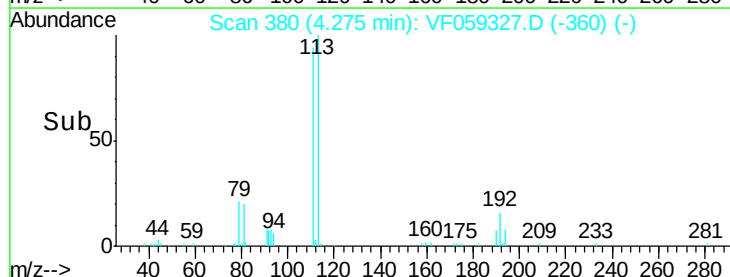
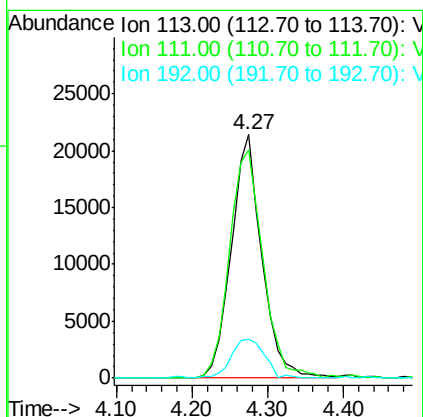
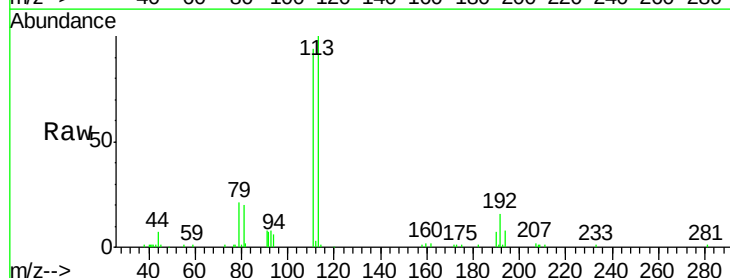
Instrument :
 MSVOA_F
 ClientSampleId :
 A0C3-01

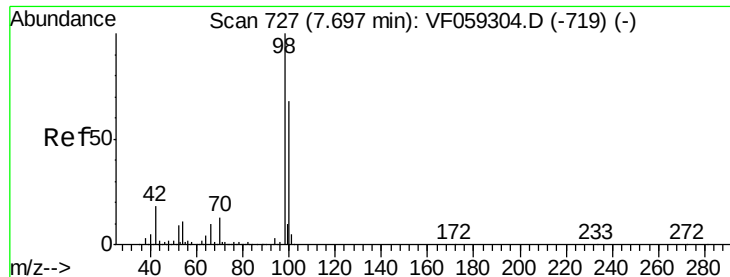
Tot Ion:114 Resp: 218660
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.8
 88 19.5 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 37.35 ug/l
 RT: 4.27 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VF059327.D
 Acq: 26 Jun 2018 20:00

Tgt Ion:113 Resp: 59675
 Ion Ratio Lower Upper
 113 100
 111 93.8 82.1 123.1
 192 15.7 13.0 19.6

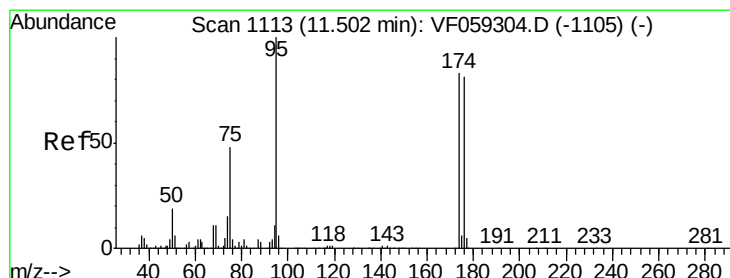
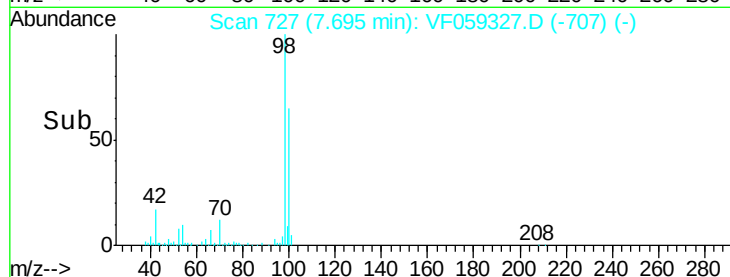
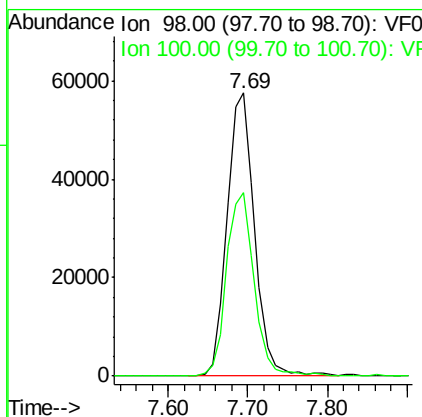
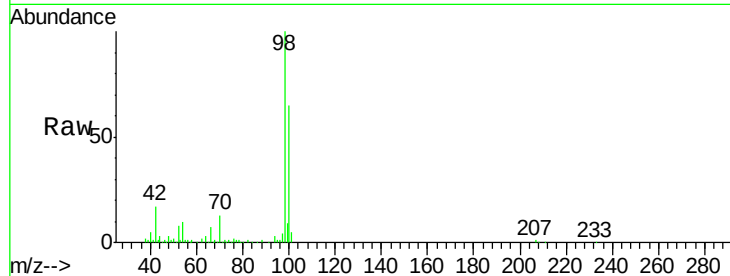




#50
Toluene-d8
Concen: 35.22 ug/l
RT: 7.69 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059327.D
Acq: 26 Jun 2018 20:00

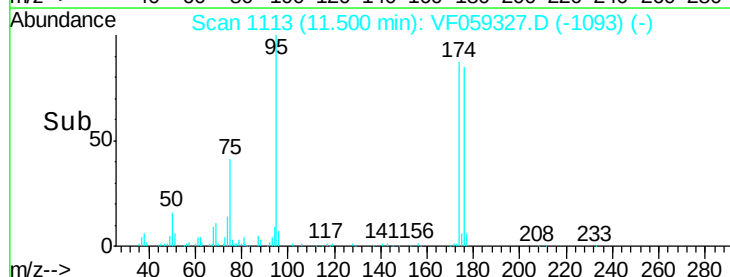
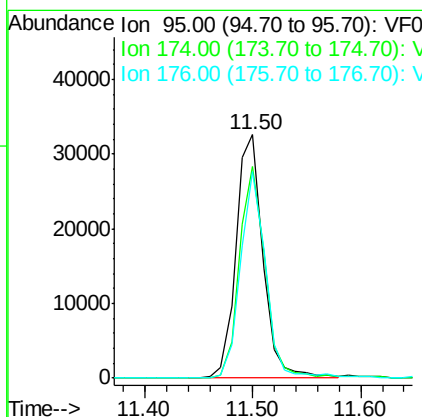
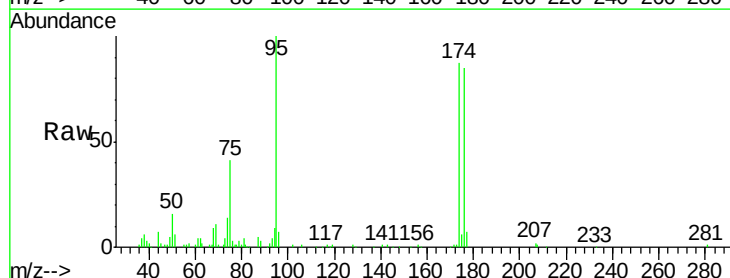
Instrument :
MSVOA_F
ClientSampleId :
A0C3-01

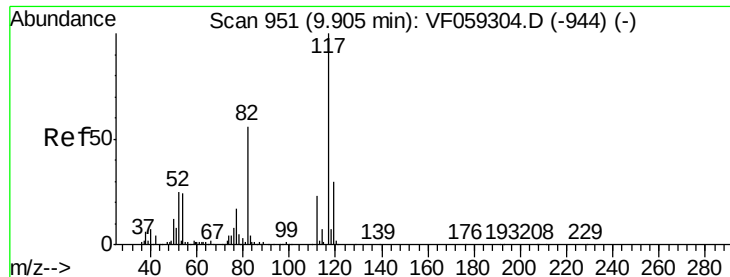
Tot Ion: 98 Resp: 139332
Ion Ratio Lower Upper
98 100
100 64.7 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 25.38 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059327.D
Acq: 26 Jun 2018 20:00

Tgt Ion: 95 Resp: 56625
Ion Ratio Lower Upper
95 100
174 86.9 0.0 165.2
176 84.8 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: VF059327.D

Acq: 26 Jun 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

A0C3-01

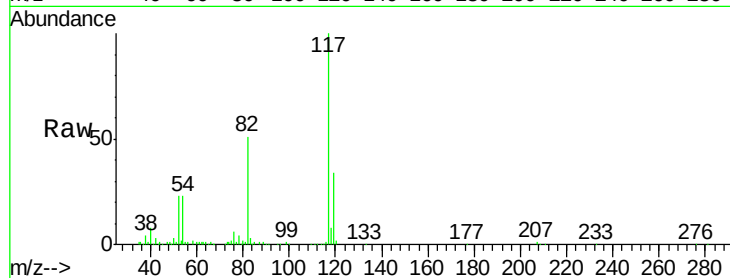
Tot Ion:117 Resp: 162136

Ion Ratio Lower Upper

117 100

82 51.2 44.6 66.8

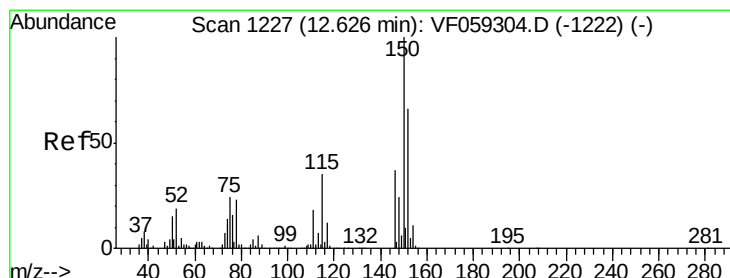
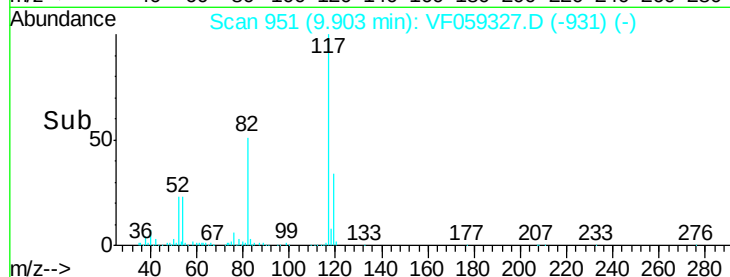
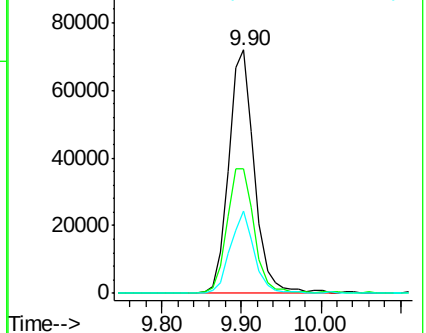
119 33.7 24.1 36.1



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: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059327.D

Acq: 26 Jun 2018 20:00

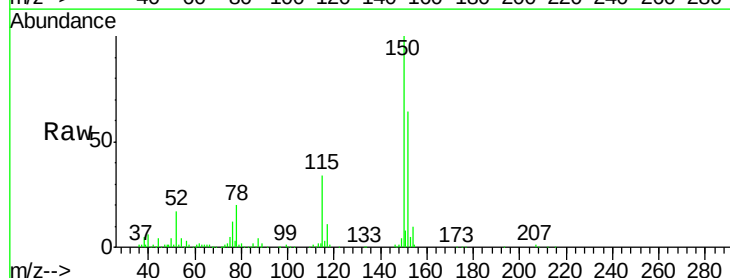
Tgt Ion:152 Resp: 63994

Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.3

150 157.3 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

