

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059367.D
 Acq On : 28 Jun 2018 18:20
 Operator : VA/AP
 Sample : J3242-15
 Misc : 5.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-062618-H

Quant Time: Jun 29 05:22:23 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	5.04	168	253465	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	388517	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	327681	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	173251	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	133364	40.73	ug/l	0.01
Spiked Amount	50.000		Recovery	=	81.46%	
35) Dibromofluoromethane	4.29	113	139512	49.15	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	7.71	98	264587	37.64	ug/l	0.01
Spiked Amount	50.000		Recovery	=	75.28%	
62) 4-Bromofluorobenzene	11.51	95	145610	36.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.46%	

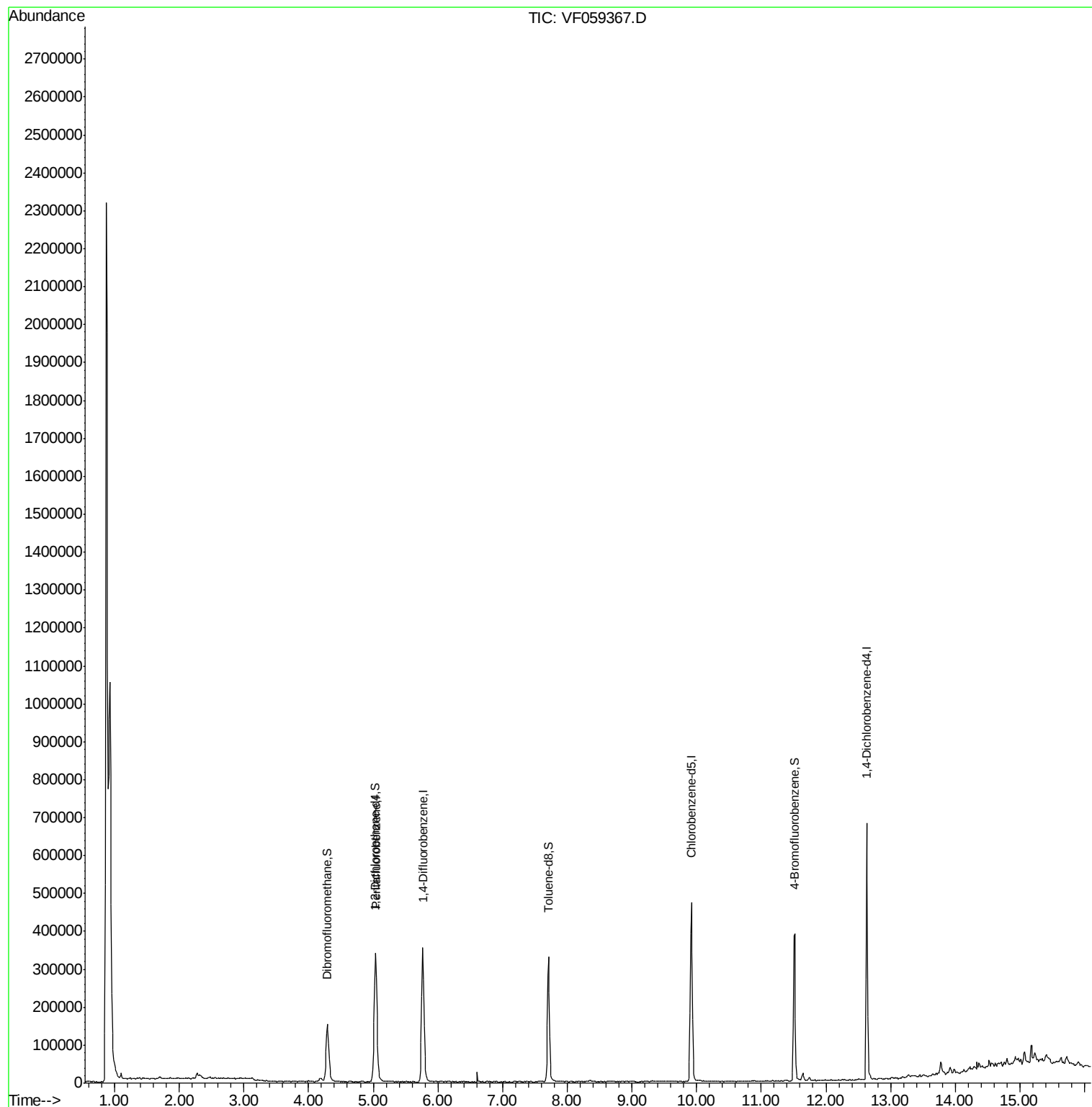
Target Compounds	Qvalue

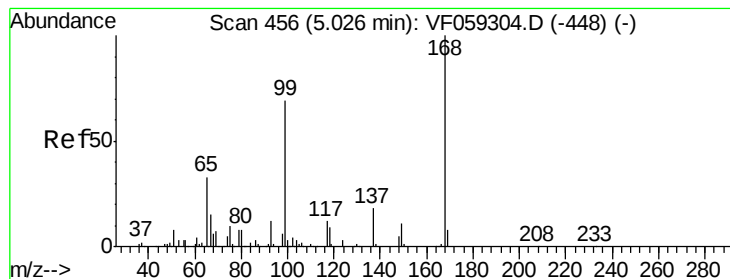
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062818\
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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059367.D

Acq: 28 Jun 2018 18:20

Instrument :

MSVOA_F

ClientSampleId :

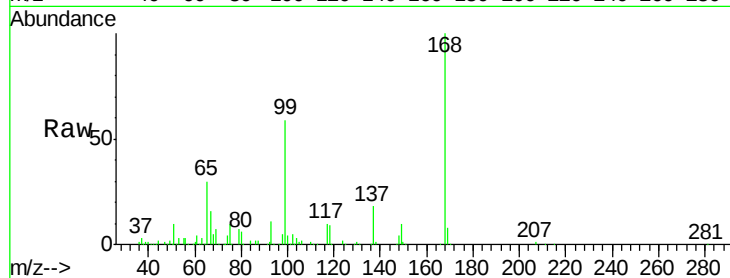
JC-02-062618-H

Tot Ion:168 Resp: 253465

Ion Ratio Lower Upper

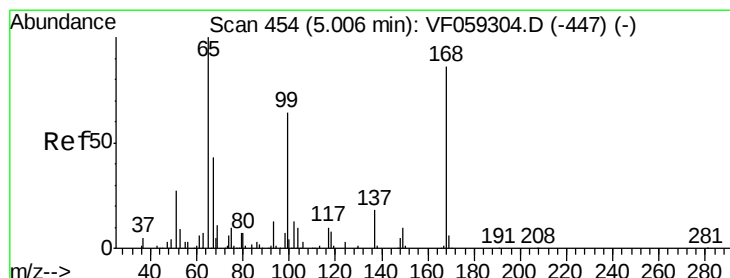
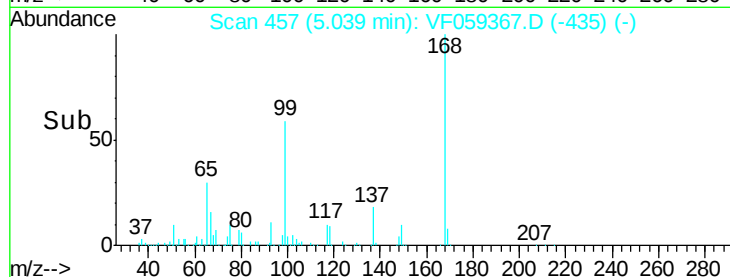
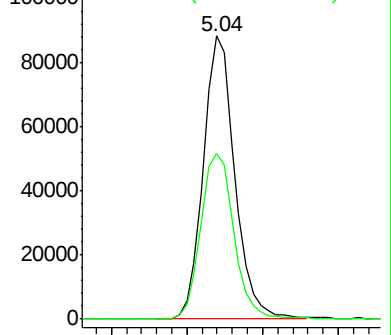
168 100

99 58.7 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: 40.73 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059367.D

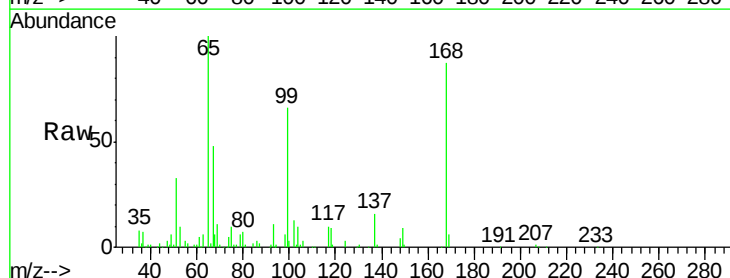
Acq: 28 Jun 2018 18:20

Tgt Ion: 65 Resp: 133364

Ion Ratio Lower Upper

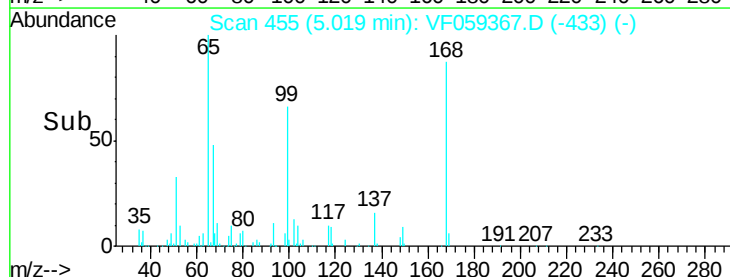
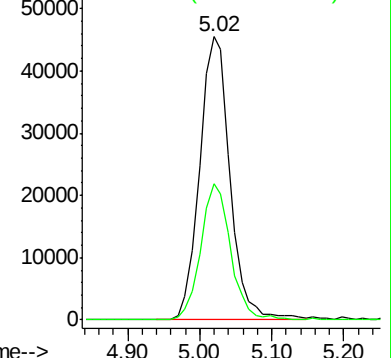
65 100

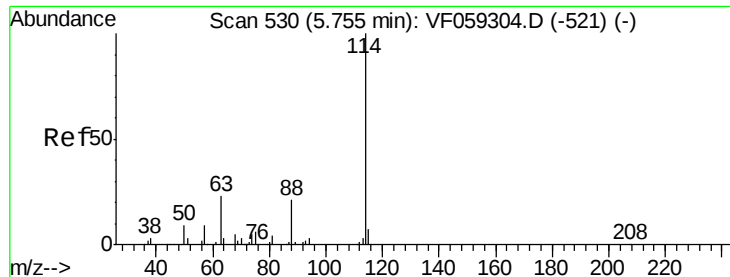
67 48.2 0.0 96.8



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: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059367.D

Acq: 28 Jun 2018 18:20

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-H

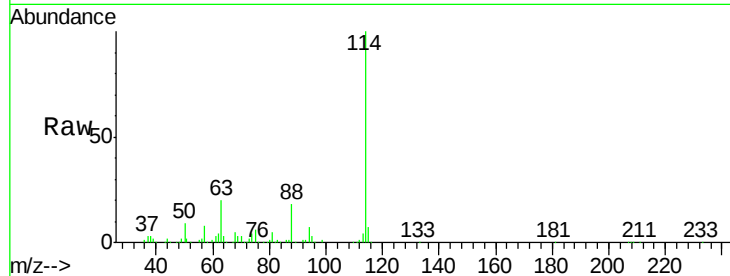
Tot Ion:114 Resp: 388517

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.8

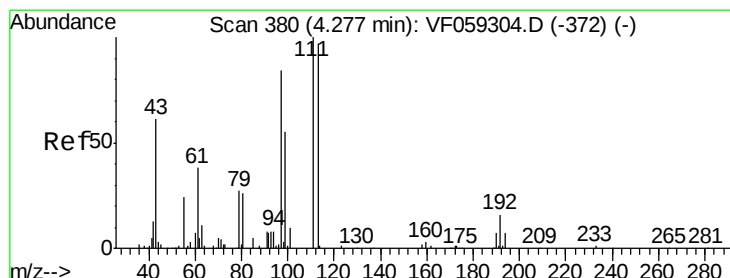
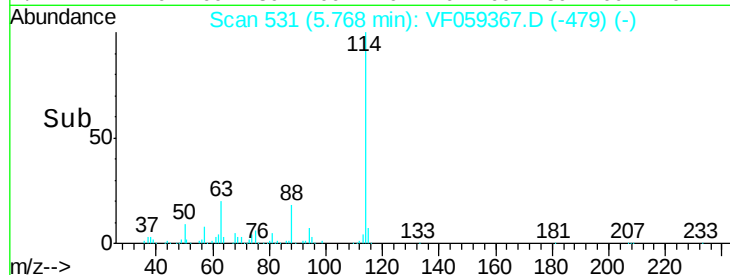
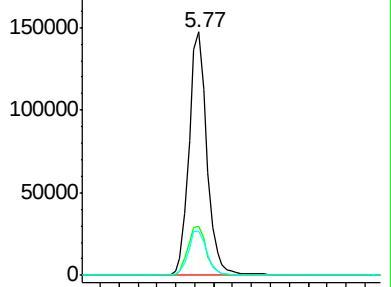
88 18.1 0.0 41.2



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: 49.15 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059367.D

Acq: 28 Jun 2018 18:20

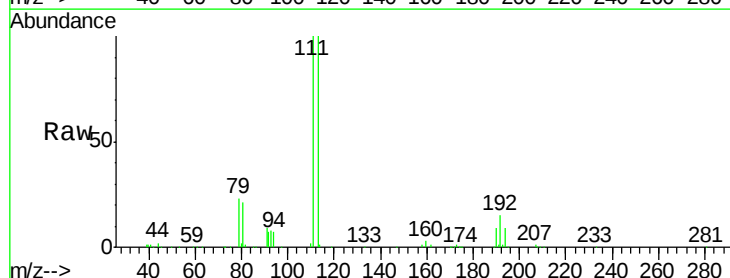
Tgt Ion:113 Resp: 139512

Ion Ratio Lower Upper

113 100

111 98.5 82.1 123.1

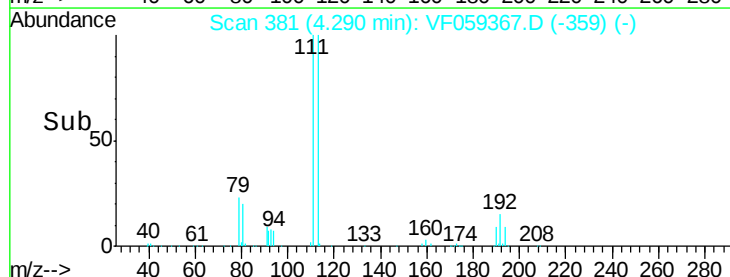
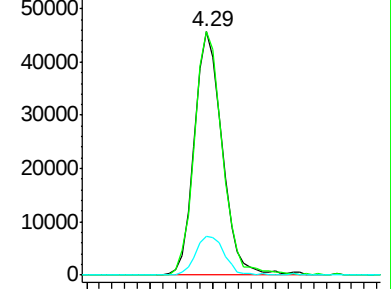
192 15.7 13.0 19.6

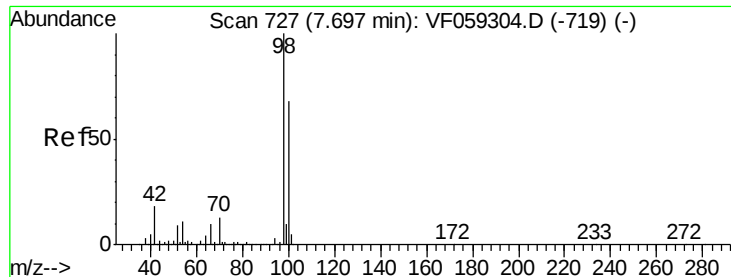


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.64 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059367.D

Acq: 28 Jun 2018 18:20

Instrument :

MSVOA_F

ClientSampleId :

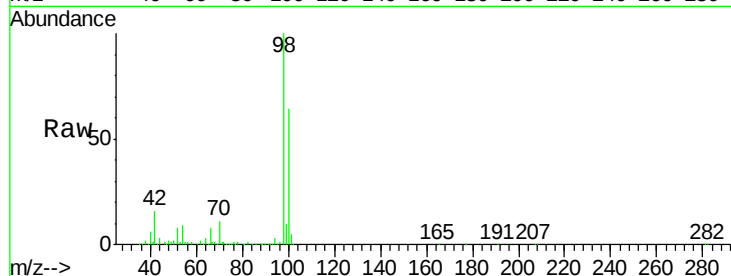
JC-02-062618-H

Tot Ion: 98 Resp: 264587

Ion Ratio Lower Upper

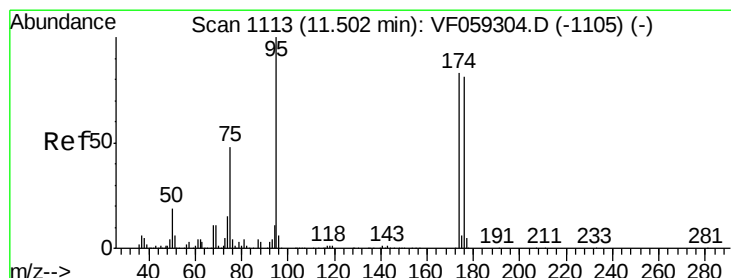
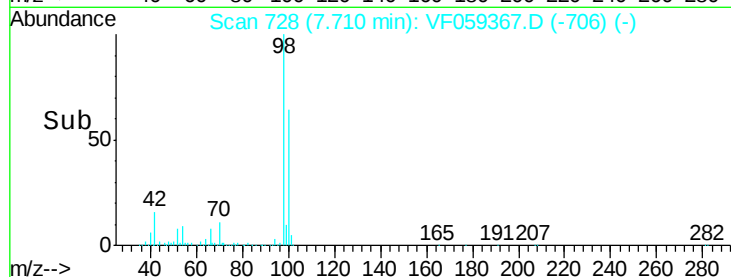
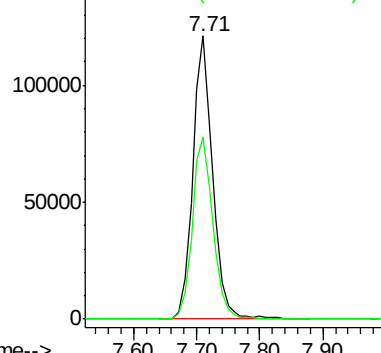
98 100

100 64.4 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 36.73 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF059367.D

Acq: 28 Jun 2018 18:20

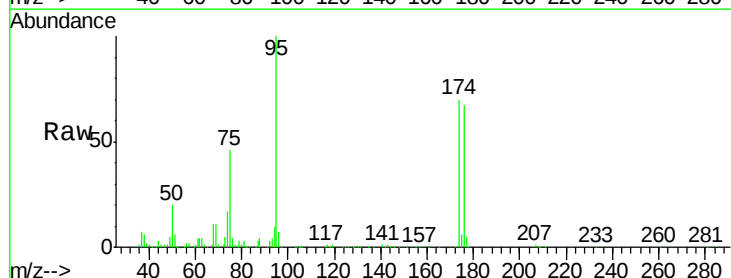
Tgt Ion: 95 Resp: 145610

Ion Ratio Lower Upper

95 100

174 70.1 0.0 165.2

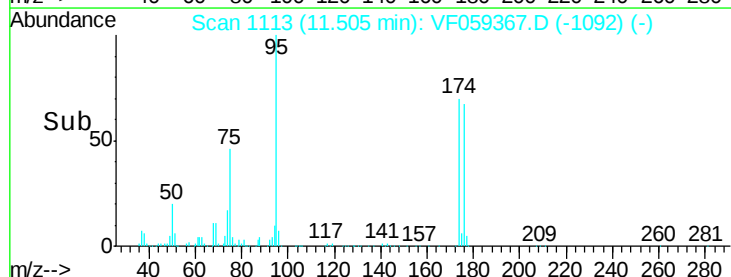
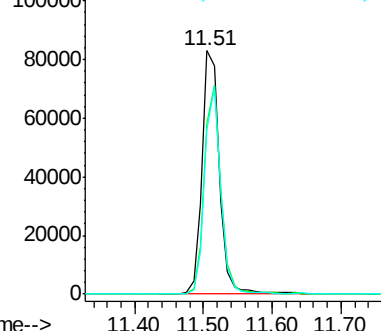
176 67.5 0.0 161.0

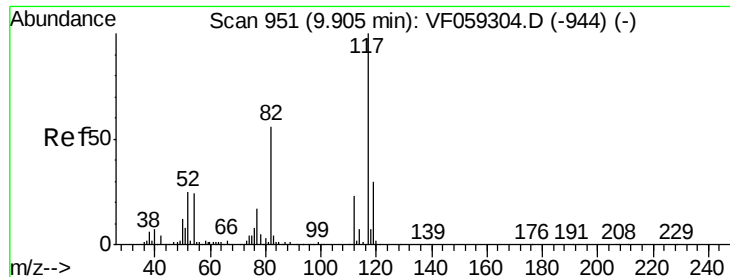


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0

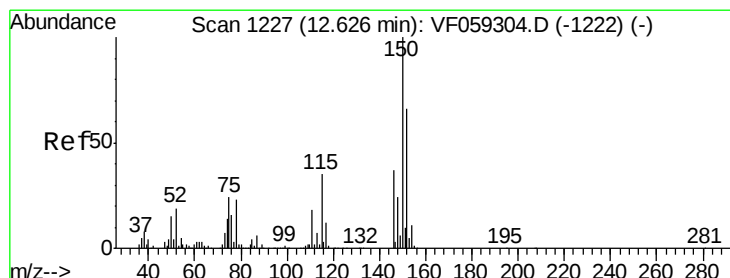
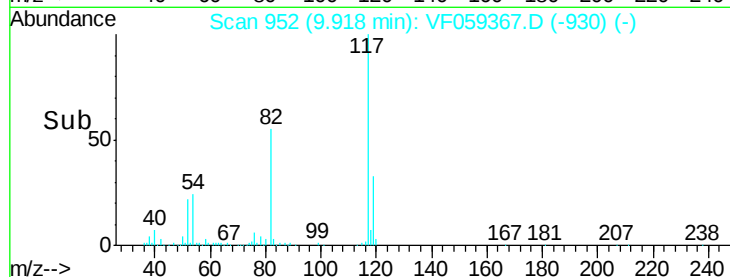
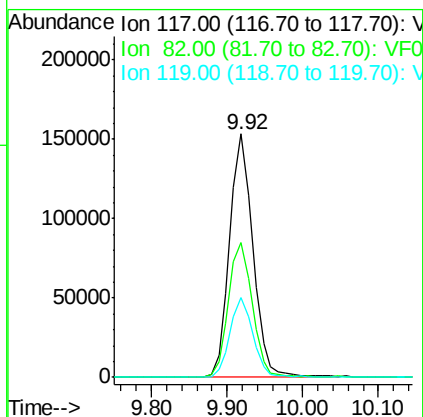
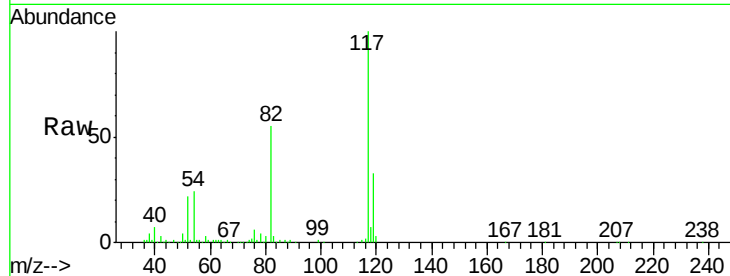




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059367.D
Acq: 28 Jun 2018 18:20

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-H

Tot Ion:117 Resp: 327681
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 32.9 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059367.D
Acq: 28 Jun 2018 18:20

Tgt Ion:152 Resp: 173251
Ion Ratio Lower Upper
152 100
115 63.1 27.1 81.3
150 154.8 0.0 305.2

