

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059903.D
 Acq On : 7 Aug 2018 3:58
 Operator : VA/AP
 Sample : J4345-01
 Misc : 5.28g/5mL/MSVOA F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200035

Quant Time: Aug 07 04:46:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	186961	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	253787	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	231074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	172219	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	140703	41.74	ug/l	0.00
Spiked Amount			Recovery	=	83.48%	
35) Dibromofluoromethane	4.30	113	104837	41.52	ug/l	0.00
Spiked Amount			Recovery	=	83.04%	
50) Toluene-d8	7.72	98	187237	34.85	ug/l	0.00
Spiked Amount			Recovery	=	69.70%	
62) 4-Bromofluorobenzene	11.52	95	94212	31.21	ug/l	0.00
Spiked Amount			Recovery	=	62.42%	

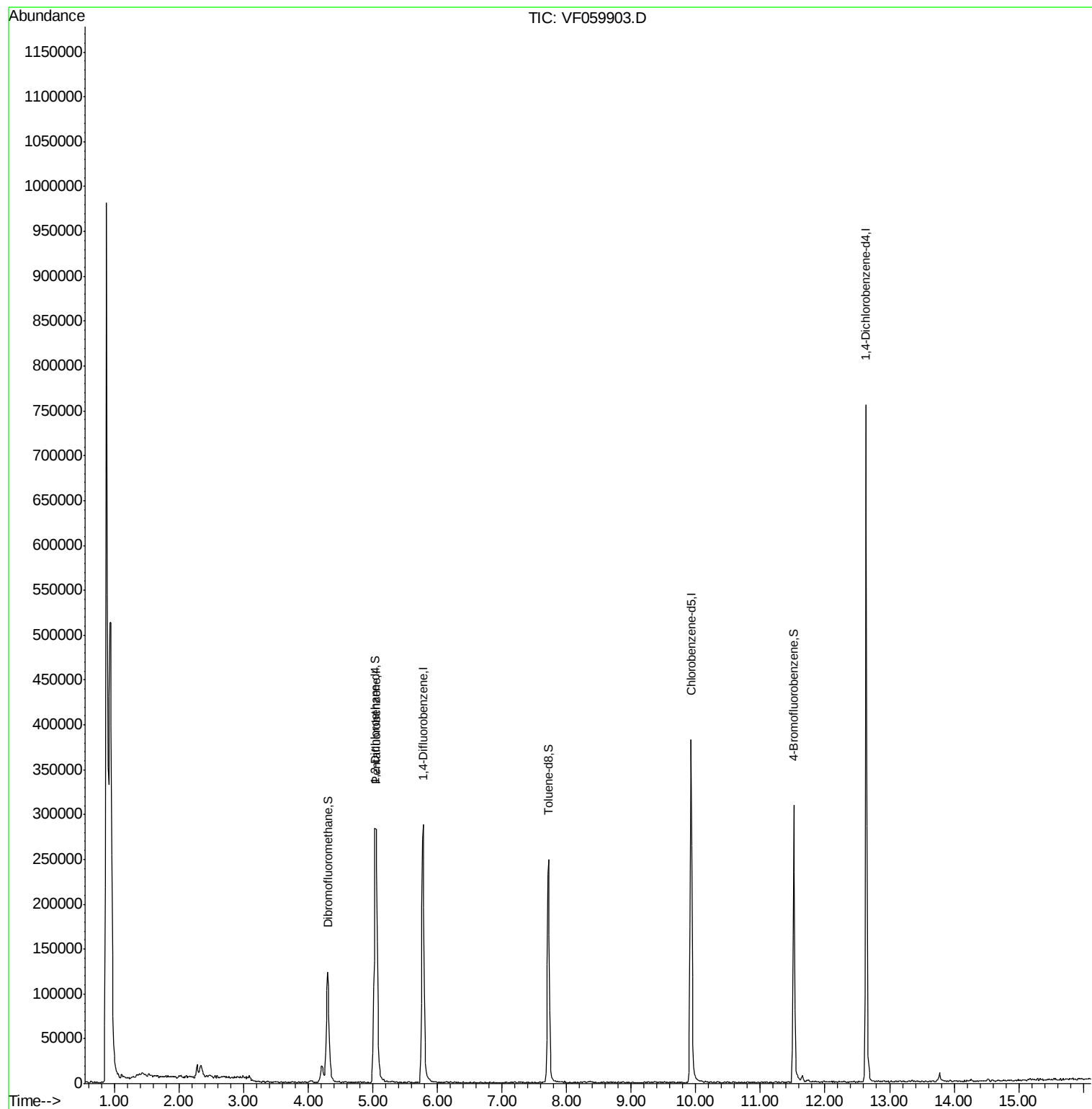
Target Compounds	Qvalue
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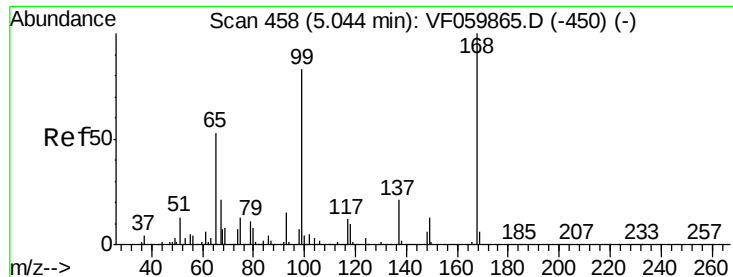
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF059903.D

Acq: 7 Aug 2018 3:58

Instrument :

MSVOA_F

ClientSampleId :

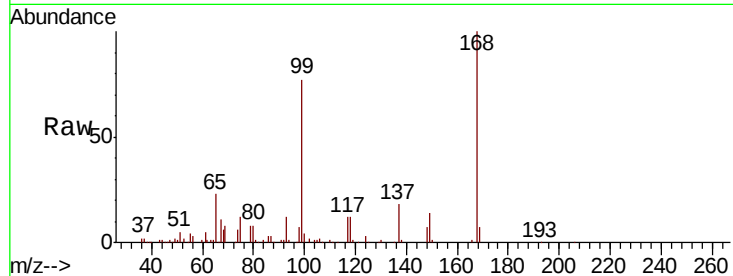
RBR200035

Tot Ion:168 Resp: 186961

Ion Ratio Lower Upper

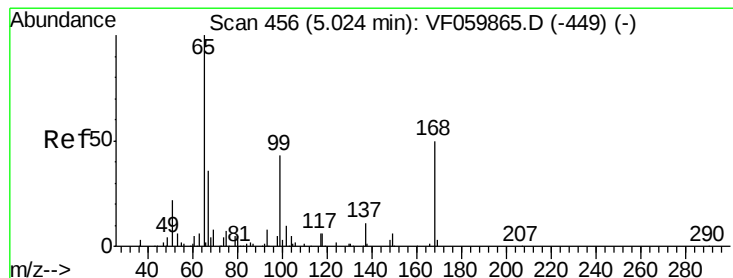
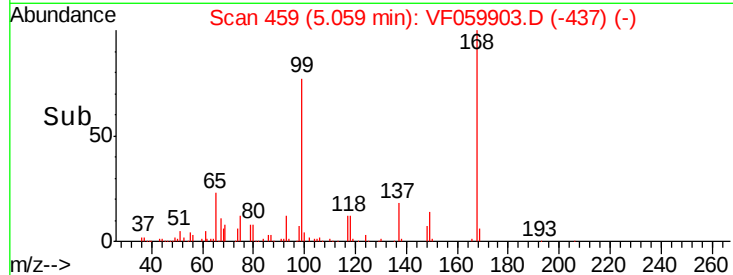
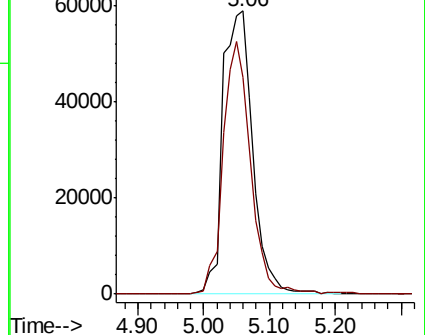
168 100

99 76.8 66.3 99.5



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: 41.74 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059903.D

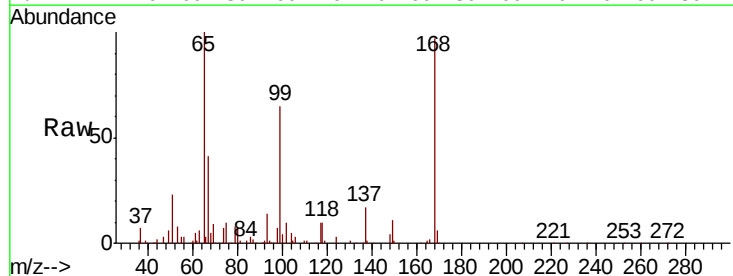
Acq: 7 Aug 2018 3:58

Tgt Ion: 65 Resp: 140703

Ion Ratio Lower Upper

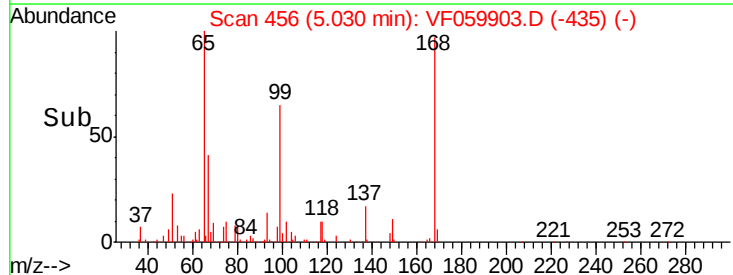
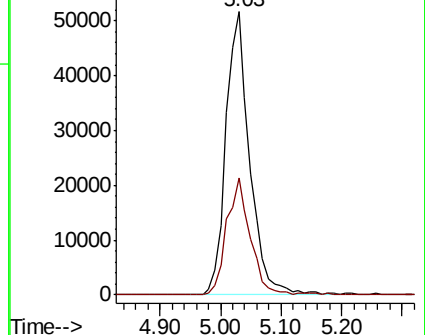
65 100

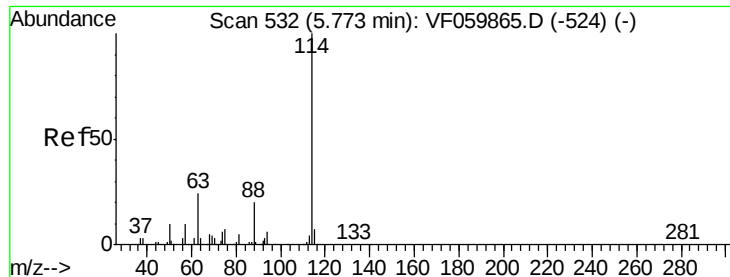
67 41.4 0.0 77.2



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: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF059903.D

Acq: 7 Aug 2018 3:58

Instrument :

MSVOA_F

ClientSampleId :

RBR200035

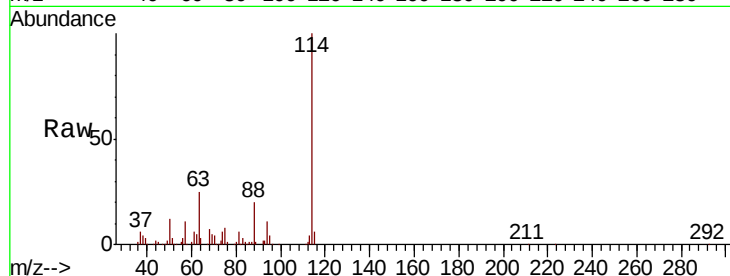
Tot Ion:114 Resp: 253787

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.0

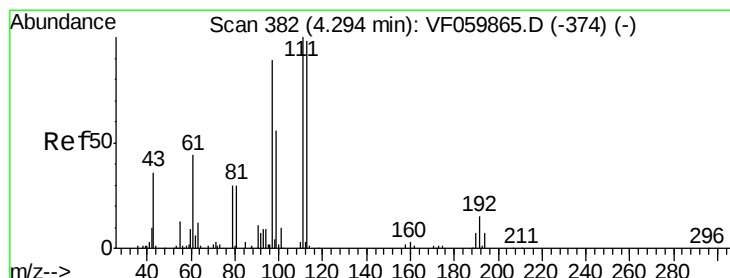
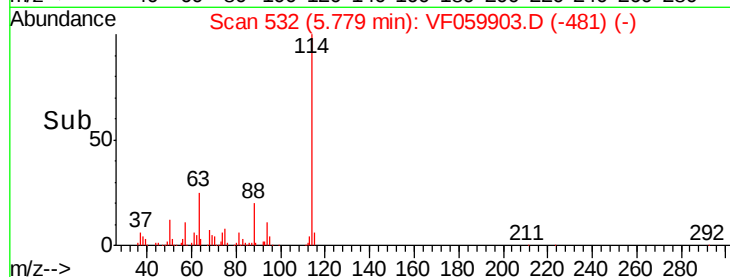
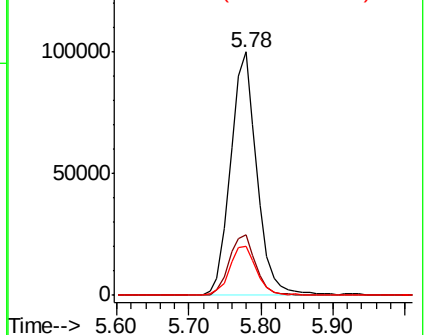
88 20.4 0.0 39.4



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: 41.52 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059903.D

Acq: 7 Aug 2018 3:58

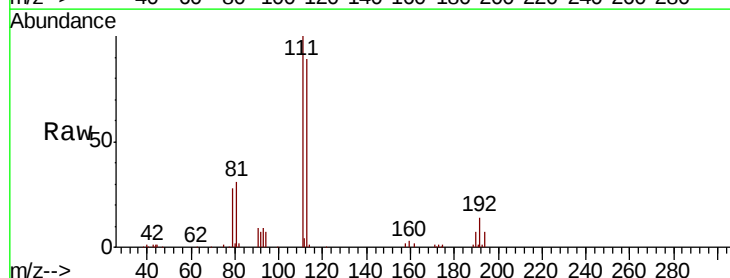
Tgt Ion:113 Resp: 104837

Ion Ratio Lower Upper

113 100

111 112.1 81.8 122.8

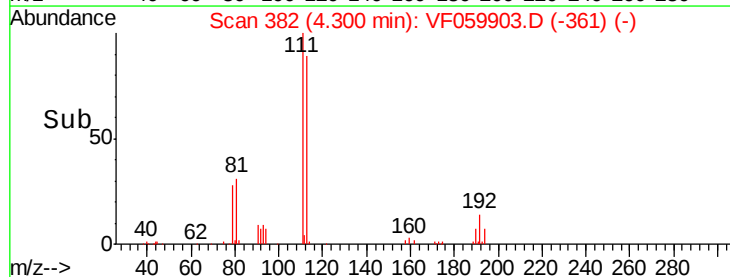
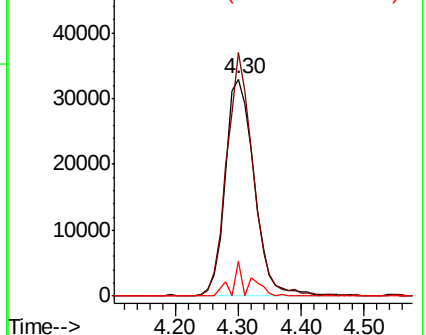
192 16.0 12.4 18.6

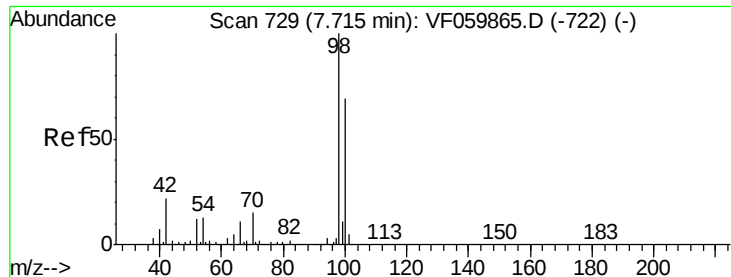


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.85 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF059903.D

Acq: 7 Aug 2018 3:58

Instrument :

MSVOA_F

ClientSampleId :

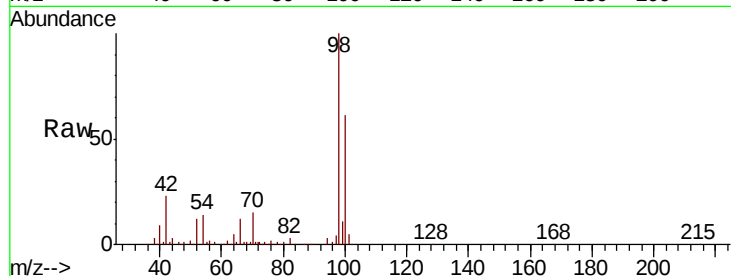
RBR200035

Tot Ion: 98 Resp: 187237

Ion Ratio Lower Upper

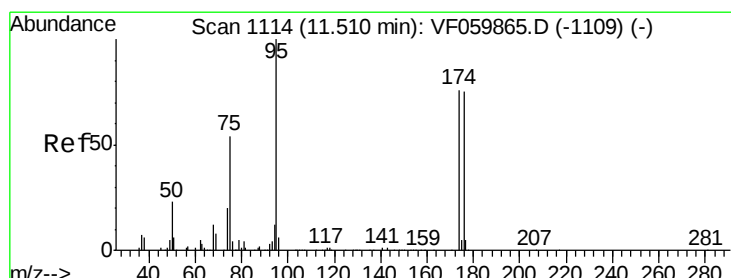
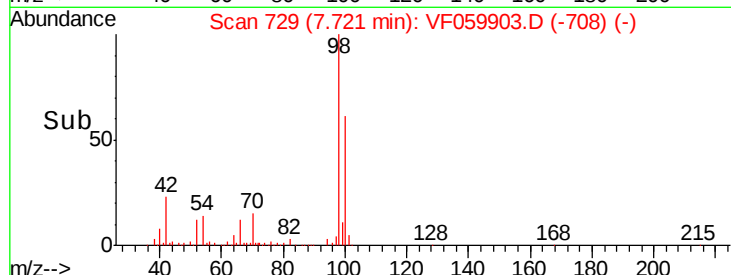
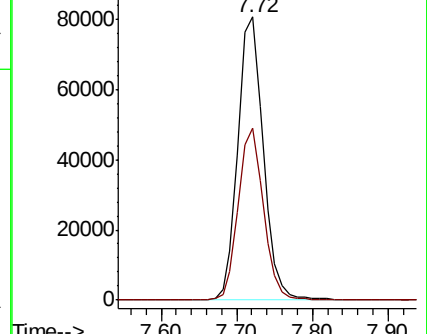
98 100

100 61.0 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 31.21 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059903.D

Acq: 7 Aug 2018 3:58

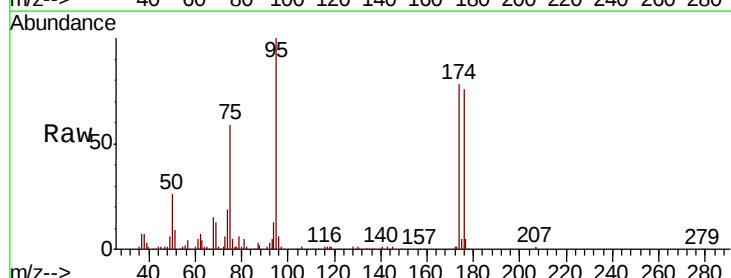
Tgt Ion: 95 Resp: 94212

Ion Ratio Lower Upper

95 100

174 78.1 0.0 151.6

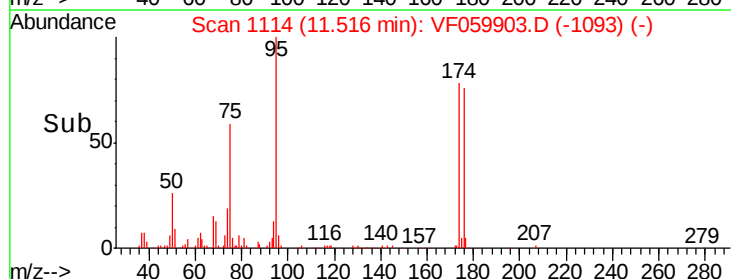
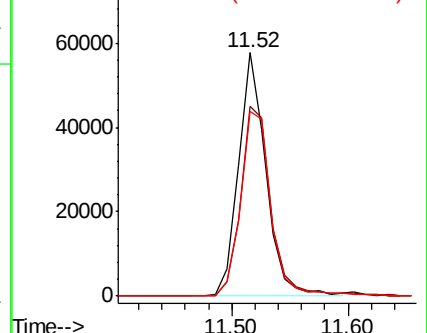
176 76.1 0.0 149.8

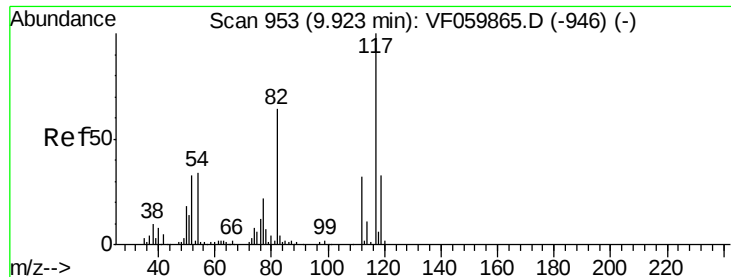


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

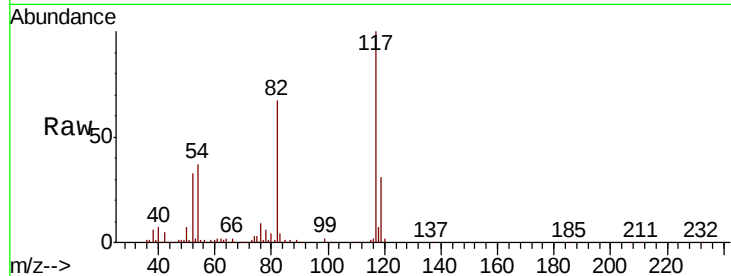




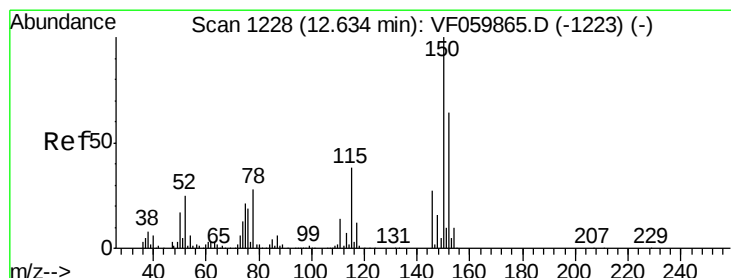
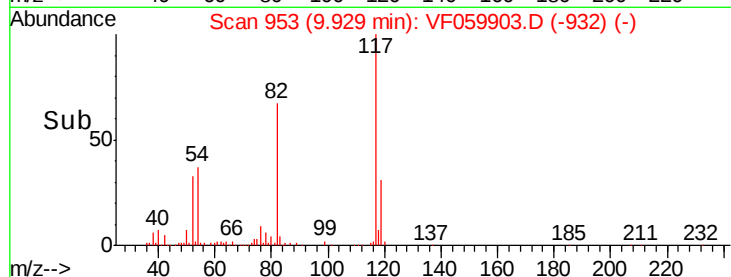
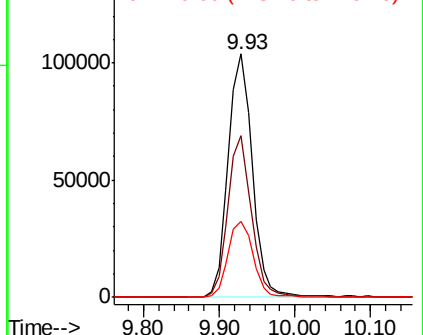
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059903.D
Acq: 7 Aug 2018 3:58

Instrument :
MSVOA_F
ClientSampleId :
RBR200035

Tot Ion:117 Resp: 231074
Ion Ratio Lower Upper
117 100
82 66.7 51.3 76.9
119 31.4 26.4 39.6

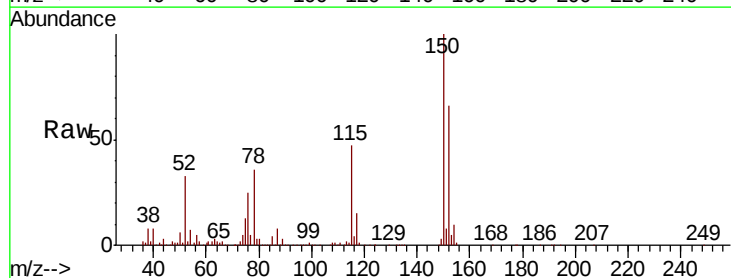


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059903.D
Acq: 7 Aug 2018 3:58

Tgt Ion:152 Resp: 172219
Ion Ratio Lower Upper
152 100
115 71.5 29.8 89.4
150 151.5 0.0 315.6



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

