

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059920.D
 Acq On : 7 Aug 2018 13:58
 Operator : VA/AP
 Sample : J4345-01
 Misc : 5.17g/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200035

Quant Time: Aug 07 15:44:41 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	5.05	168	207316	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	310511	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	298208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	181536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	147248	39.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.80%	
35) Dibromofluoromethane	4.31	113	120419	38.98	ug/l	0.01
Spiked Amount	50.000		Recovery	=	77.96%	
50) Toluene-d8	7.72	98	233722	35.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.12%	
62) 4-Bromofluorobenzene	11.52	95	131153	35.51	ug/l	0.01
Spiked Amount	50.000		Recovery	=	71.02%	

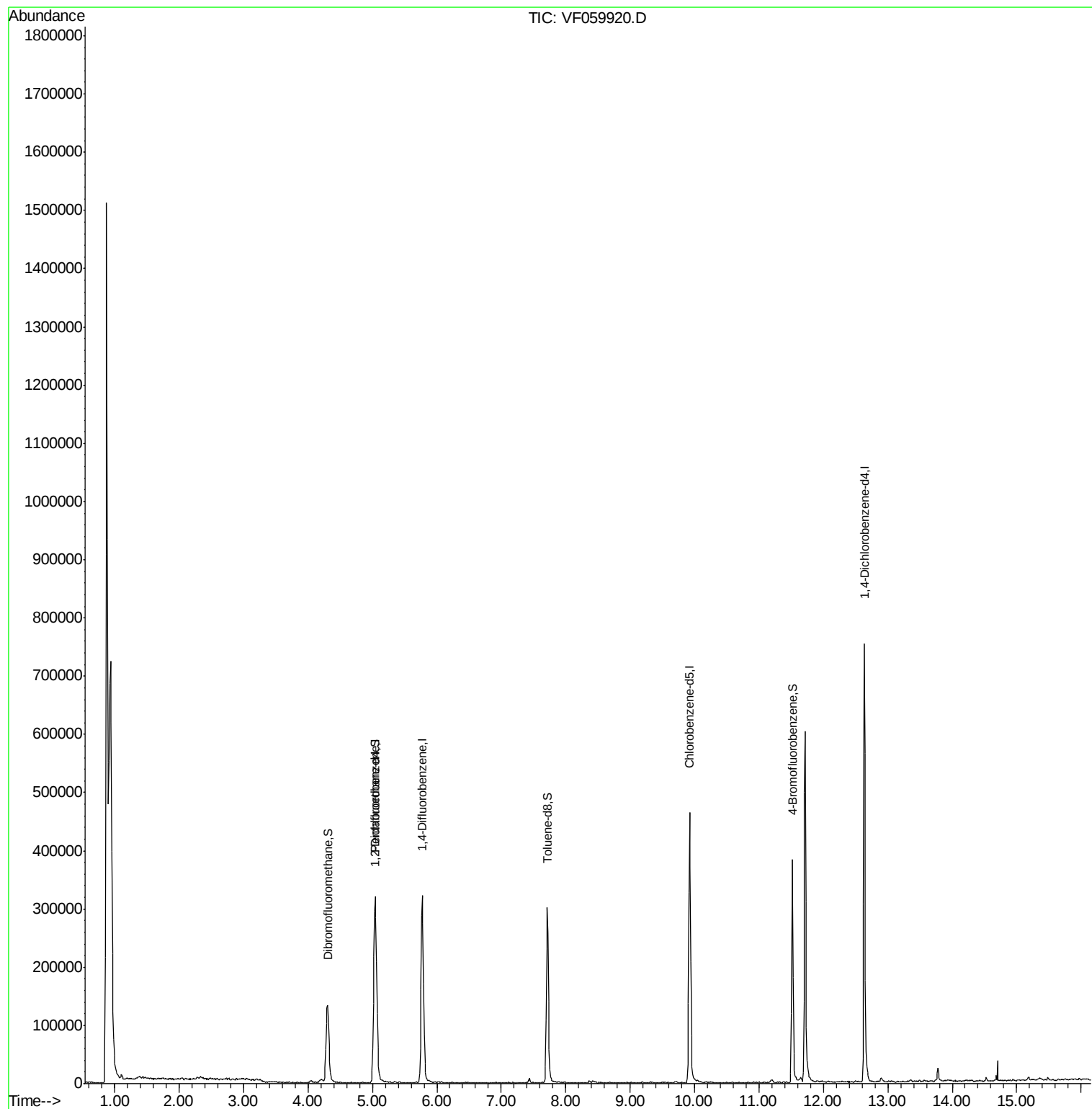
Target Compounds	Qvalue

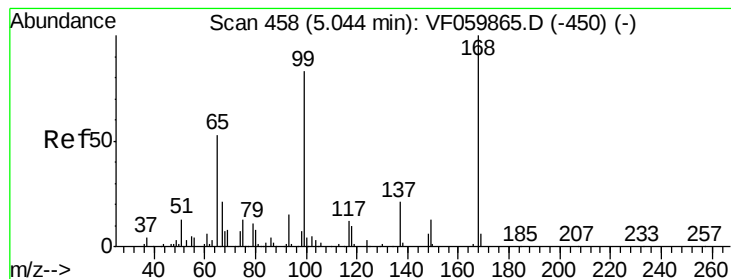
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059920.D

Acq: 7 Aug 2018 13:58

Instrument :

MSVOA_F

ClientSampleId :

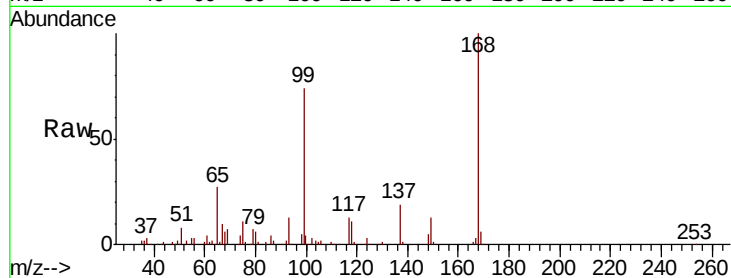
RBR200035

Tot Ion:168 Resp: 207316

Ion Ratio Lower Upper

168 100

99 74.3 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

60000

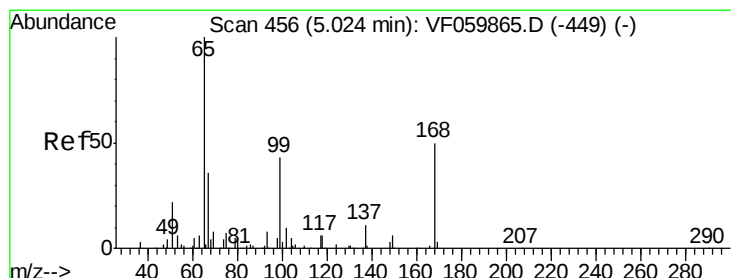
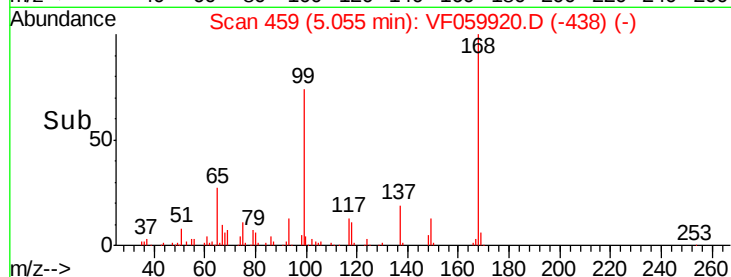
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 39.40 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059920.D

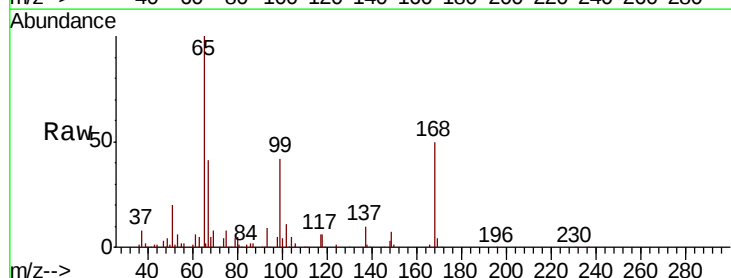
Acq: 7 Aug 2018 13:58

Tgt Ion: 65 Resp: 147248

Ion Ratio Lower Upper

65 100

67 41.1 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

30000

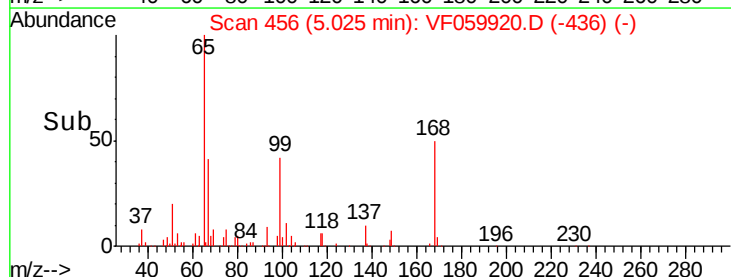
20000

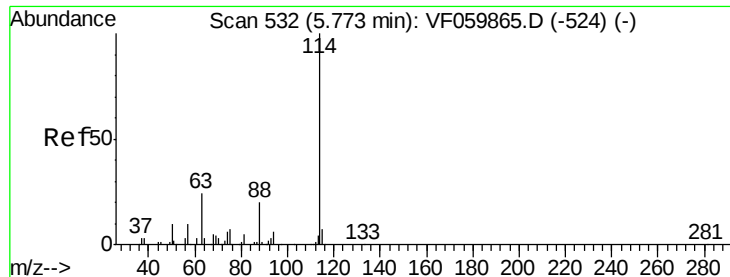
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059920.D

Acq: 7 Aug 2018 13:58

Instrument :

MSVOA_F

ClientSampleId :

RBR200035

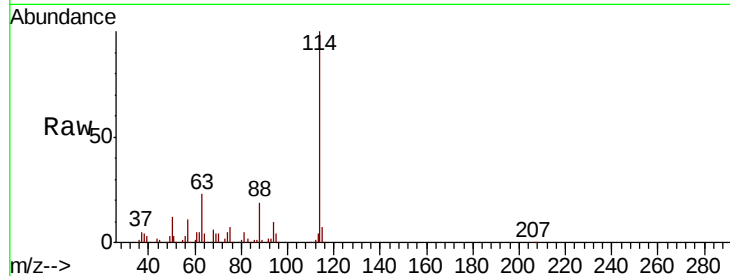
Tot Ion:114 Resp: 310511

Ion Ratio Lower Upper

114 100

63 22.9 0.0 48.0

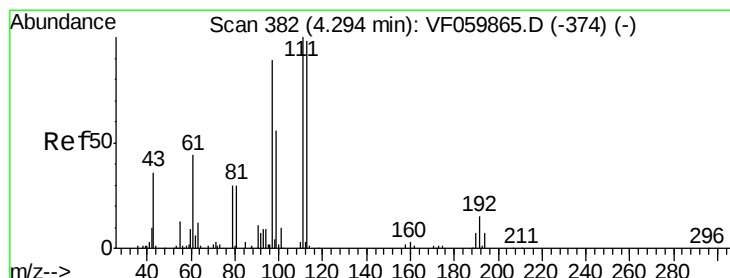
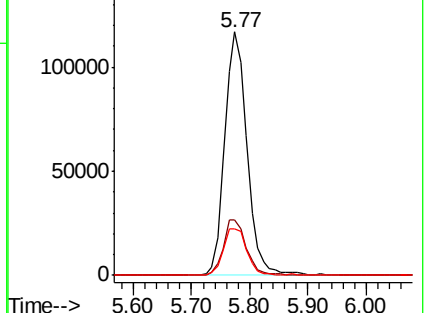
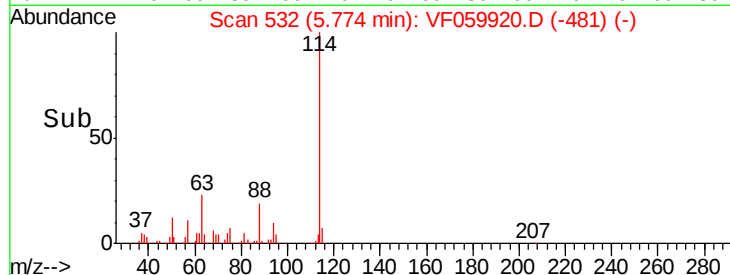
88 19.3 0.0 39.4



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: 38.98 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF059920.D

Acq: 7 Aug 2018 13:58

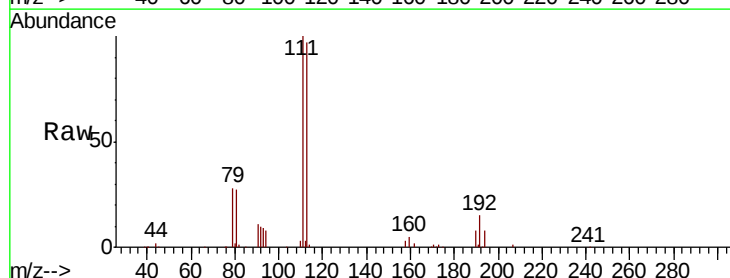
Tgt Ion:113 Resp: 120419

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

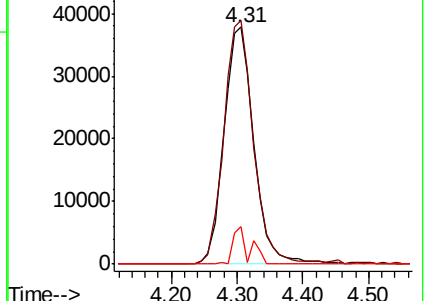
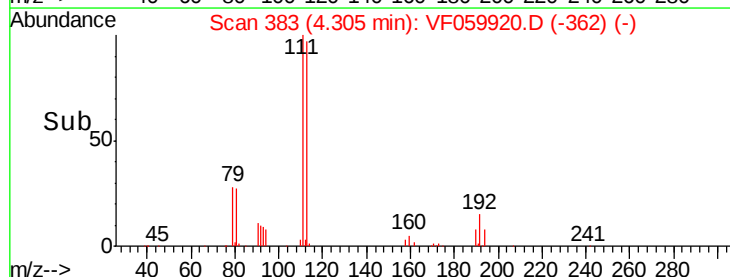
192 15.6 12.4 18.6

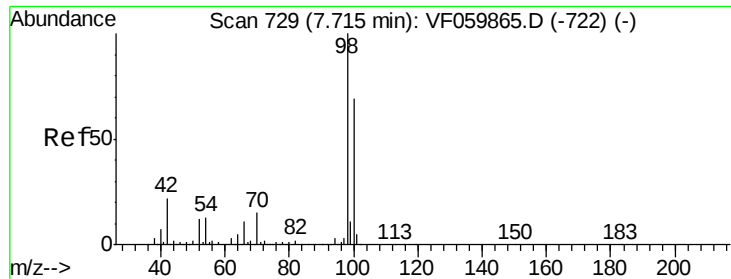


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 35.56 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059920.D

Acq: 7 Aug 2018 13:58

Instrument :

MSVOA_F

ClientSampleId :

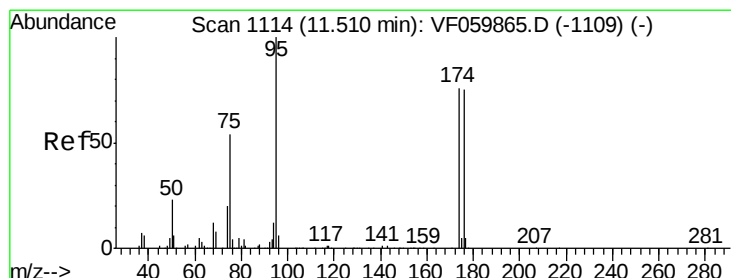
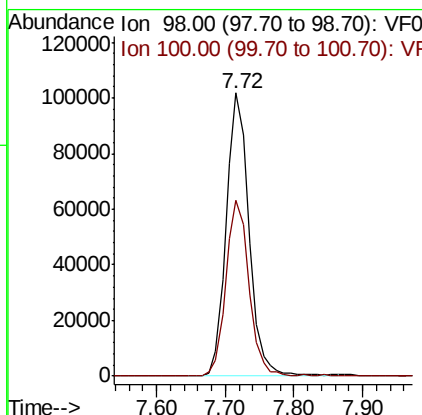
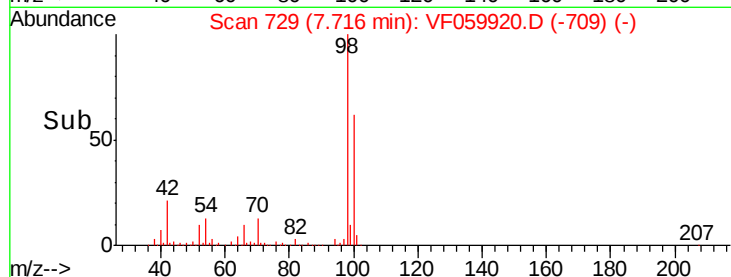
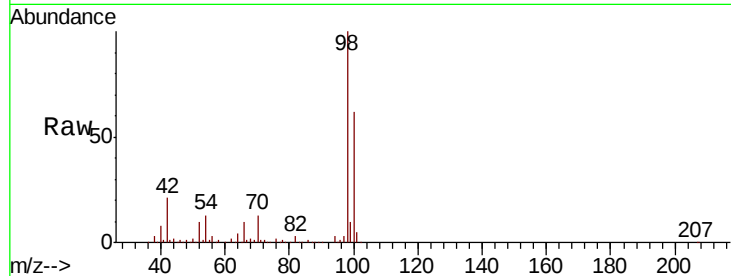
RBR200035

Tot Ion: 98 Resp: 233722

Ion Ratio Lower Upper

98 100

100 62.2 55.0 82.6



#62

4-Bromofluorobenzene

Concen: 35.51 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF059920.D

Acq: 7 Aug 2018 13:58

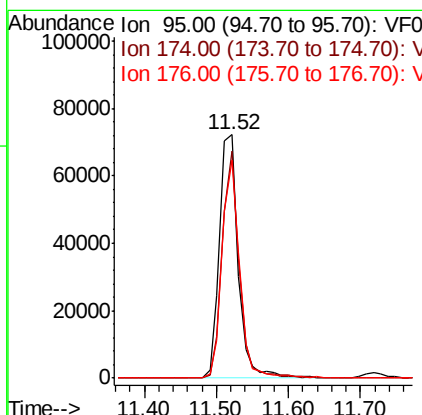
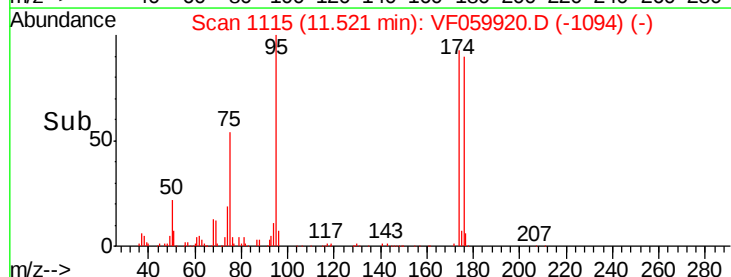
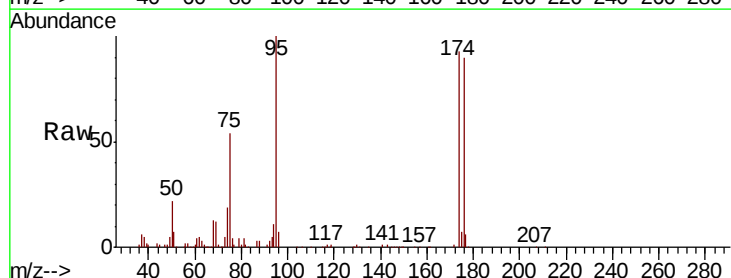
Tgt Ion: 95 Resp: 131153

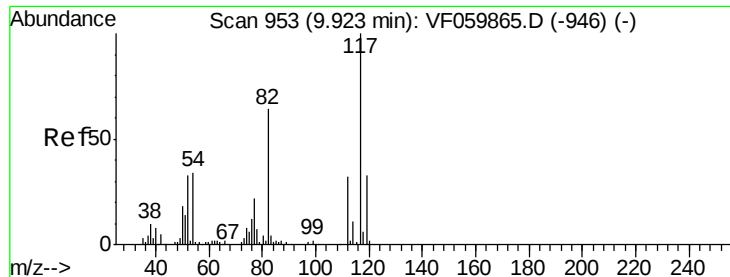
Ion Ratio Lower Upper

95 100

174 93.3 0.0 151.6

176 89.5 0.0 149.8

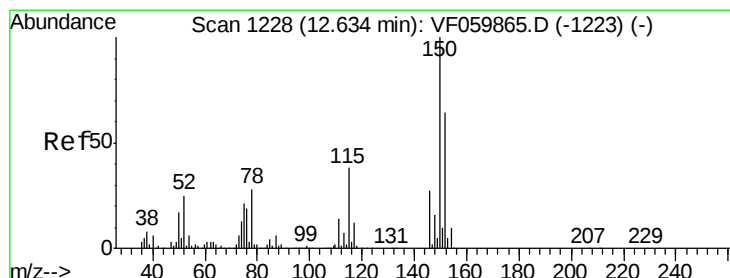
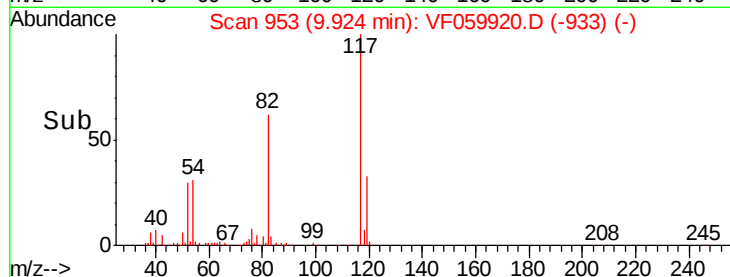
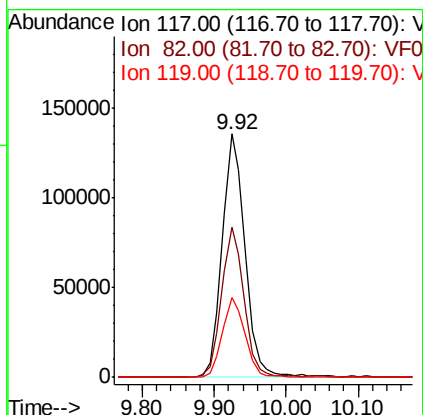
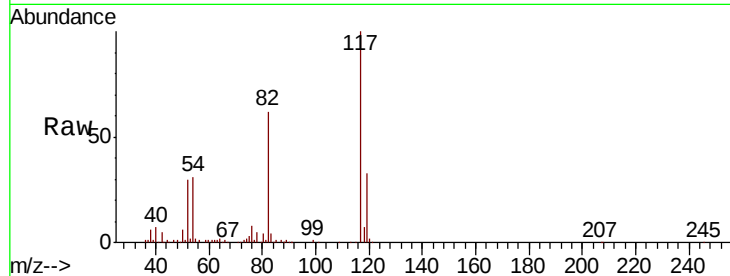




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059920.D
Acq: 7 Aug 2018 13:58

Instrument :
MSVOA_F
ClientSampleId :
RBR200035

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	51.3	76.9
119	33.0	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059920.D
Acq: 7 Aug 2018 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	29.8	89.4
150	155.7	0.0	315.6

