

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059397.D
 Acq On : 2 Jul 2018 19:55
 Operator : VA/AP
 Sample : J3802-03
 Misc : 6.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-3(10.0)

Quant Time: Jul 03 11:33:42 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	226710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	350521	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	290358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	179712	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	148175	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	4.27	113	146840	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
50) Toluene-d8	7.69	98	287861	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
62) 4-Bromofluorobenzene	11.50	95	184723	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

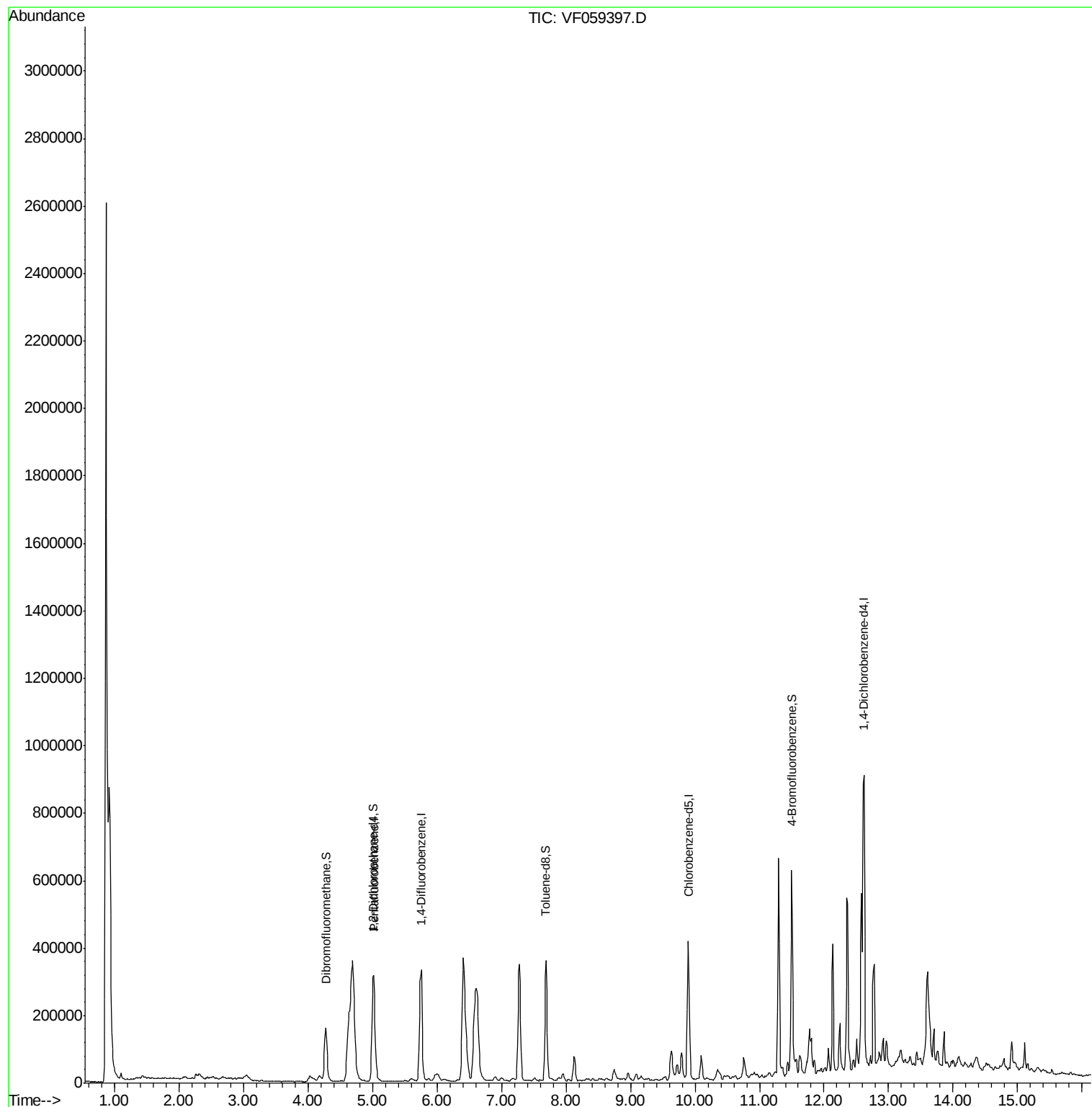
Target Compounds	Qvalue

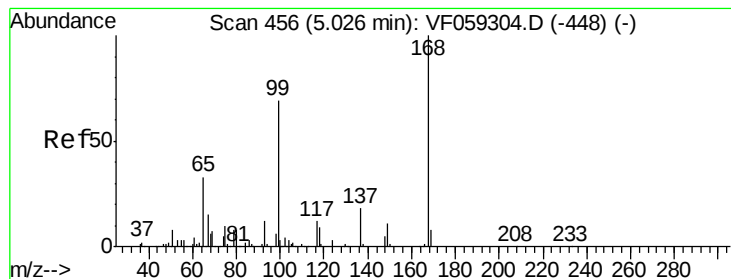
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.02 min Scan# 455

Delta R.T. -0.01 min

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MSVOA_F

ClientSampleId :

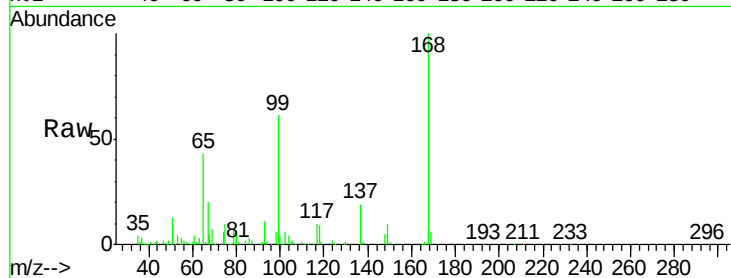
CF-3(10.0)

Tot Ion:168 Resp: 226710

Ion Ratio Lower Upper

168 100

99 60.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

40000

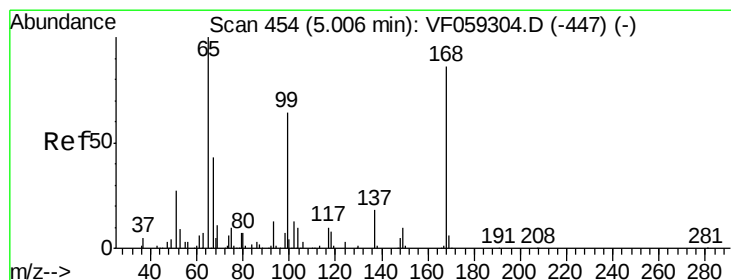
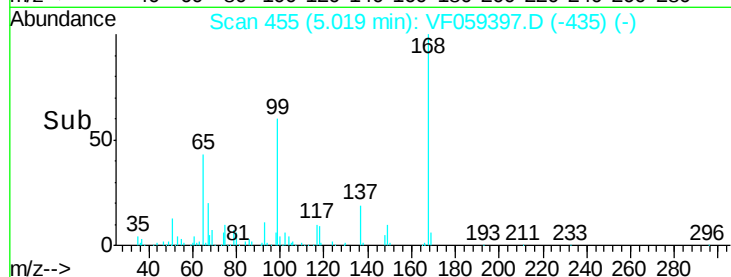
20000

0

5.02

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.59 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059397.D

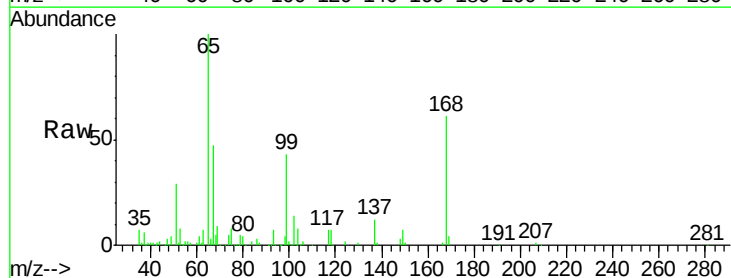
Acq: 2 Jul 2018 19:55

Tgt Ion: 65 Resp: 148175

Ion Ratio Lower Upper

65 100

67 47.4 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

30000

20000

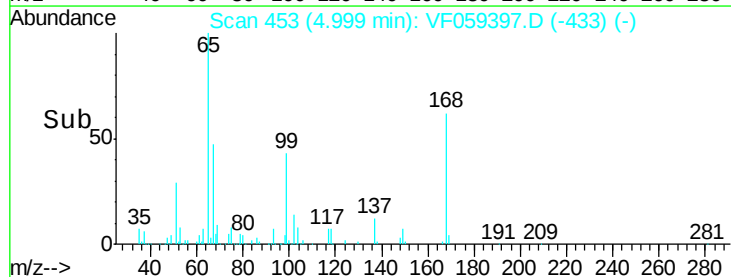
10000

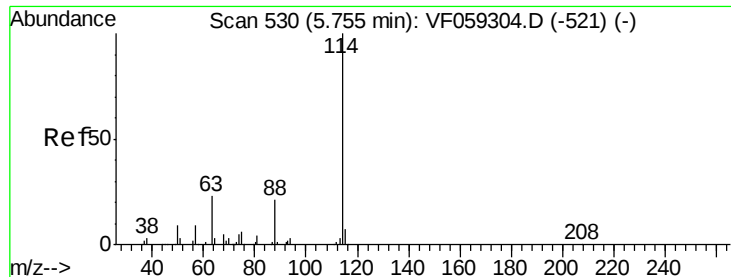
0

5.00

4.80 4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059397.D

Acq: 2 Jul 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

CF-3(10.0)

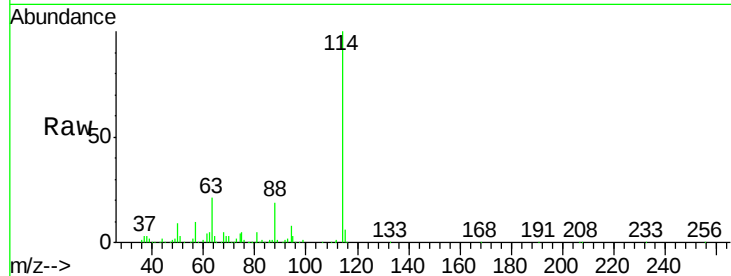
Tot Ion:114 Resp: 350521

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.8

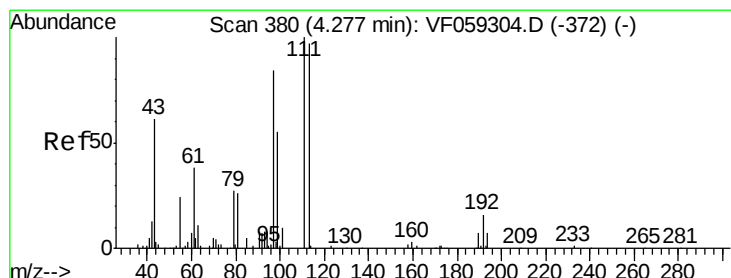
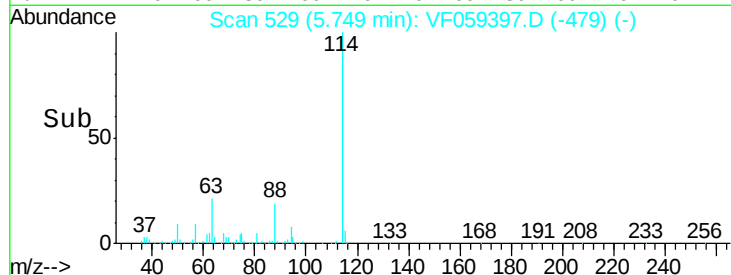
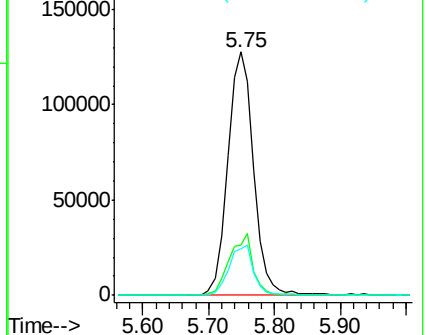
88 19.1 0.0 41.2



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: 57.33 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059397.D

Acq: 2 Jul 2018 19:55

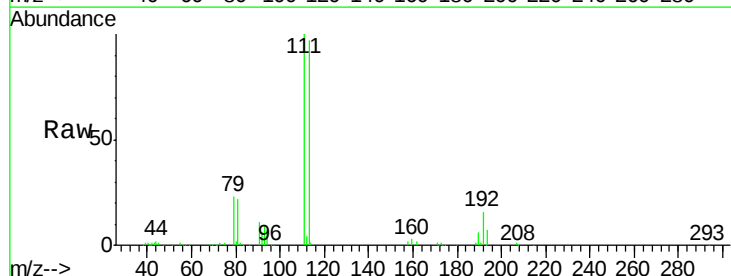
Tgt Ion:113 Resp: 146840

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

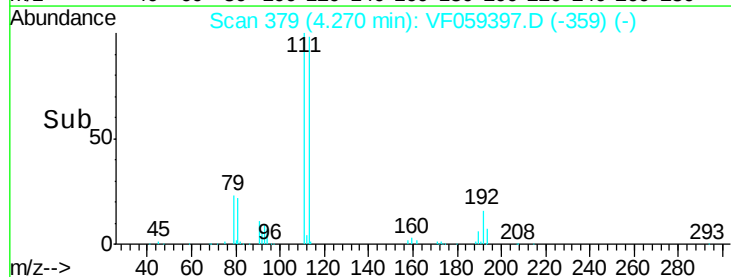
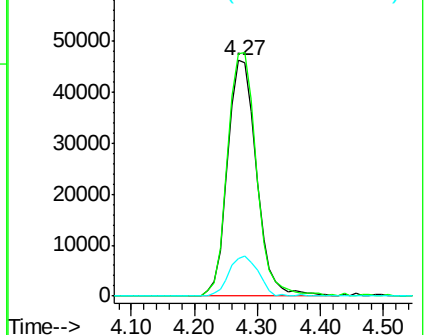
192 16.1 13.0 19.6



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: 45.40 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059397.D

Acq: 2 Jul 2018 19:55

Instrument :

MSVOA_F

ClientSampleId :

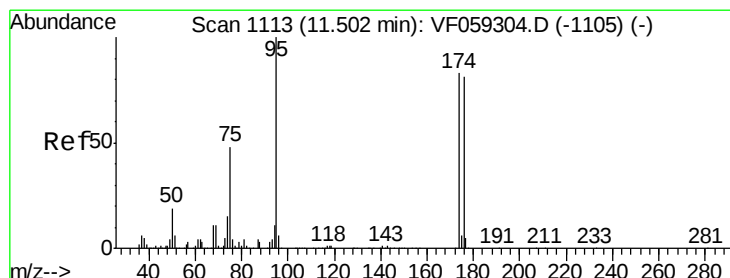
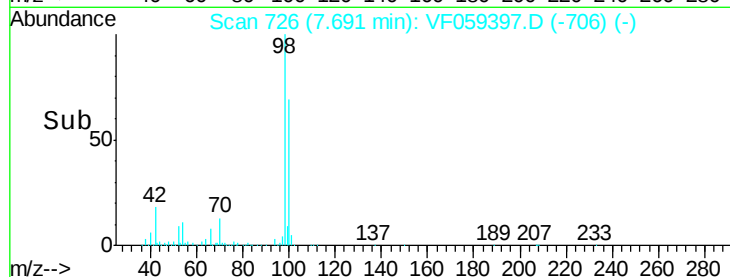
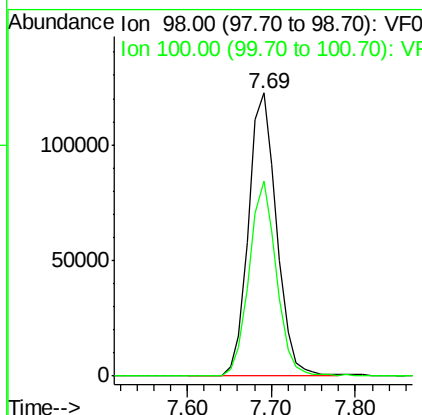
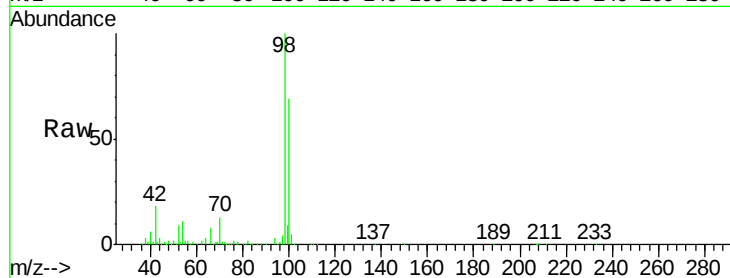
CF-3(10.0)

Tot Ion: 98 Resp: 287861

Ion Ratio Lower Upper

98 100

100 68.9 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 51.64 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059397.D

Acq: 2 Jul 2018 19:55

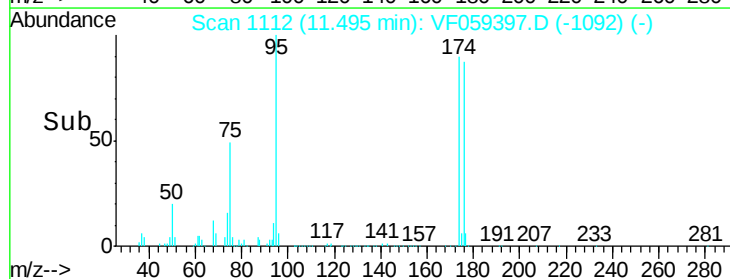
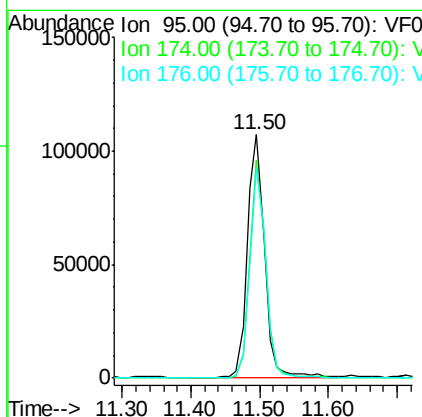
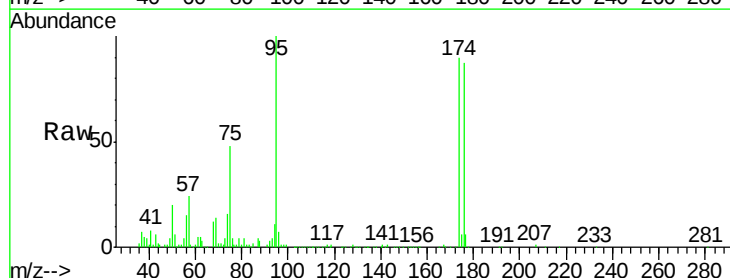
Tgt Ion: 95 Resp: 184723

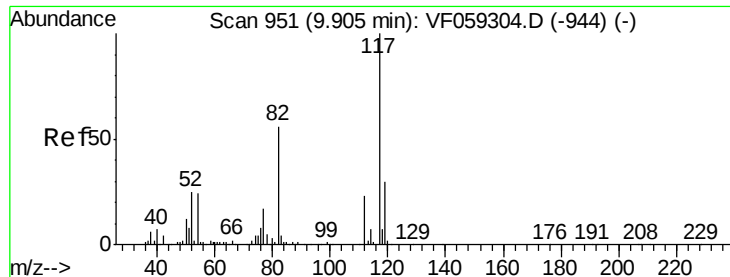
Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.2

176 86.6 0.0 161.0

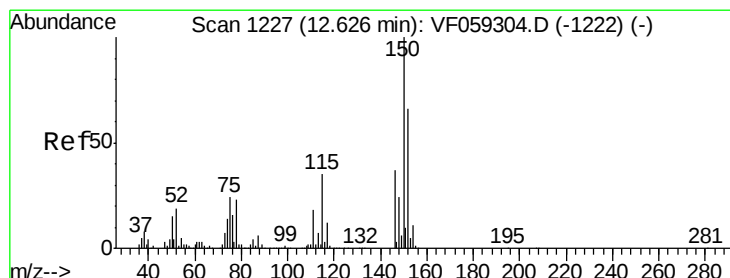
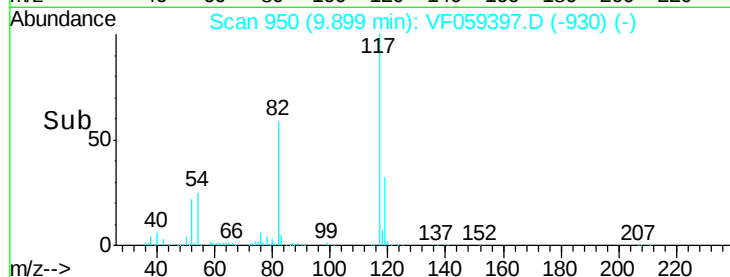
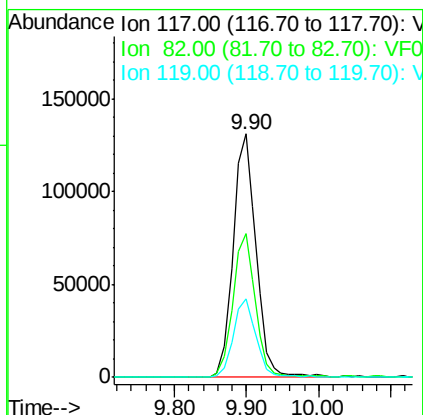
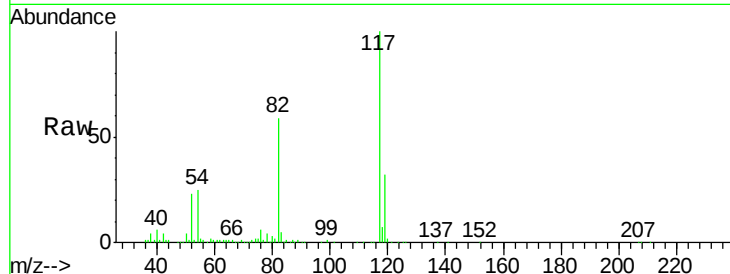




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059397.D
Acq: 2 Jul 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :
CF-3(10.0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.6	66.8
119	32.5	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059397.D
Acq: 2 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.1	81.3
150	152.2	0.0	305.2

