

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060001.D
 Acq On : 20 Aug 2018 14:37
 Operator : VA/AP
 Sample : VF0820SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0820SBL01

Quant Time: Aug 21 04:48:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	130550	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	178842	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	194496	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	128458	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	134182	53.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.50%	
35) Dibromofluoromethane	4.30	113	102068	55.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.68%	
50) Toluene-d8	7.71	98	213725	52.58	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.51	95	134537	53.94	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.88%	

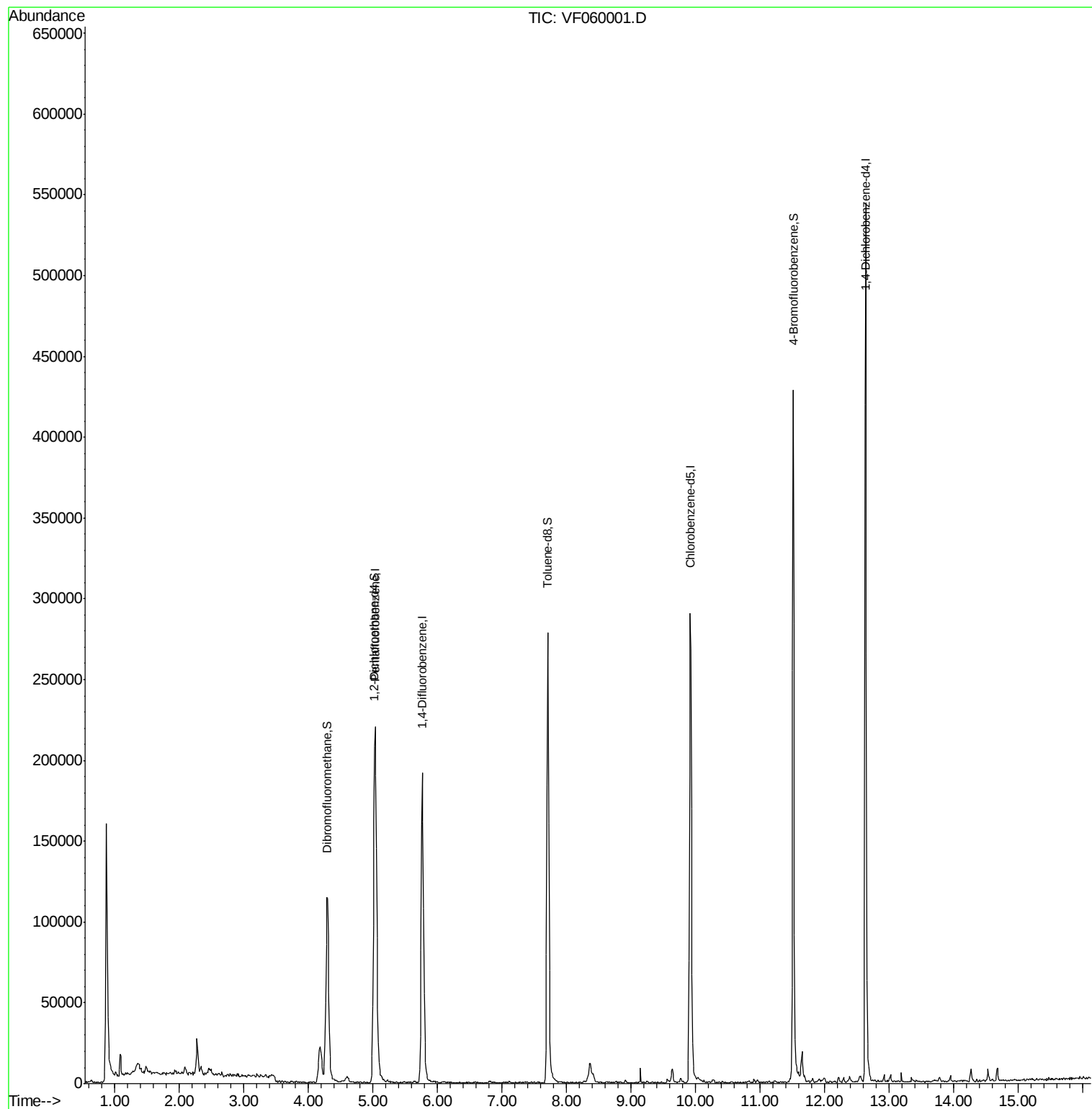
Target Compounds	Qvalue
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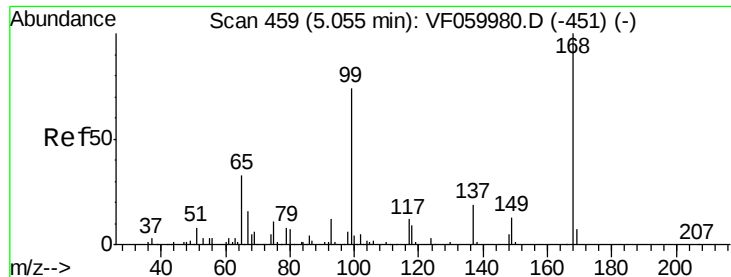
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060001.D

Acq: 20 Aug 2018 14:37

Instrument :

MSVOA_F

ClientSampleId :

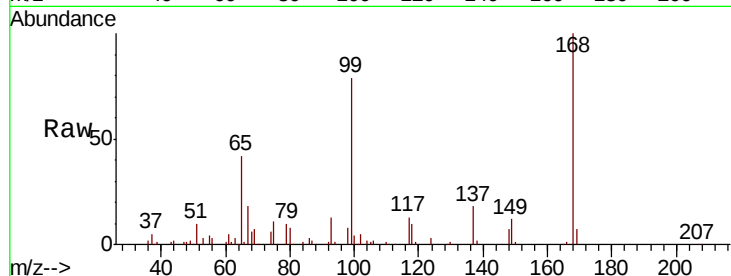
VF0820SBL01

Tot Ion:168 Resp: 130550

Ion Ratio Lower Upper

168 100

99 78.6 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

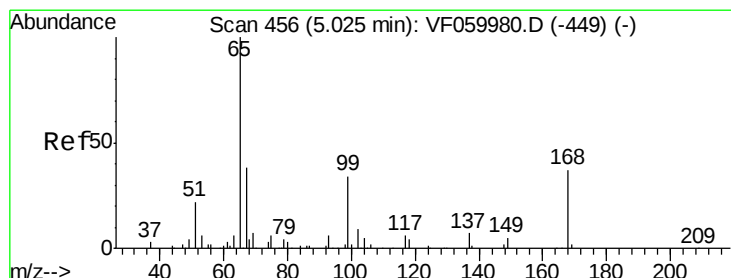
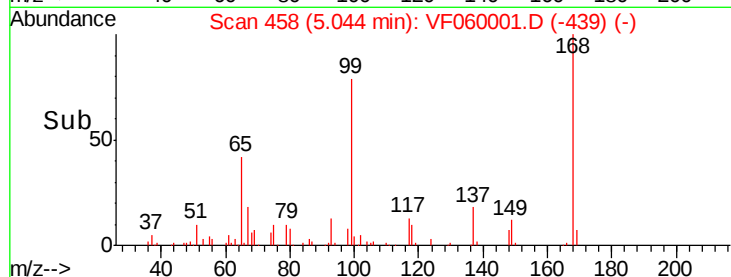
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.25 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060001.D

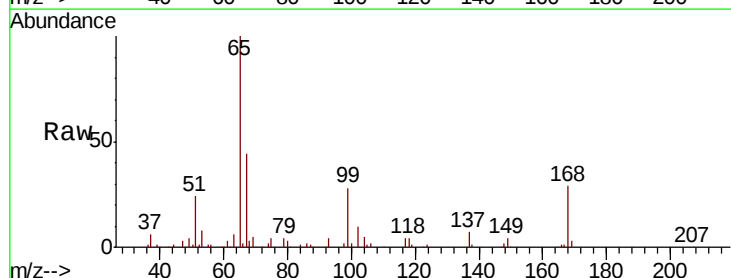
Acq: 20 Aug 2018 14:37

Tgt Ion: 65 Resp: 134182

Ion Ratio Lower Upper

65 100

67 43.8 0.0 82.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

50000

40000

30000

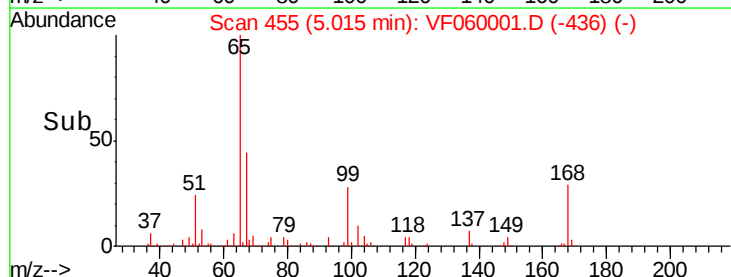
20000

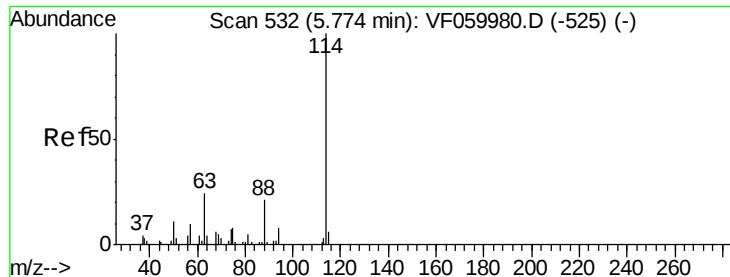
10000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060001.D

Acq: 20 Aug 2018 14:37

Instrument :

MSVOA_F

ClientSampleId :

VF0820SBL01

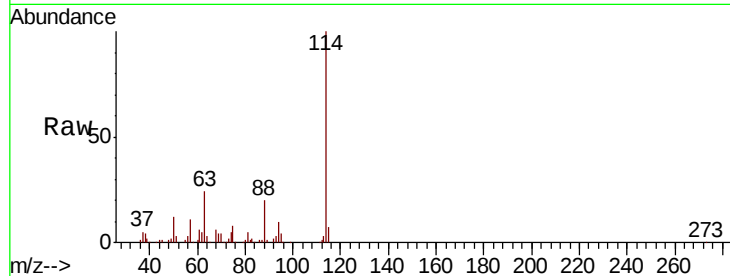
Tot Ion:114 Resp: 178842

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

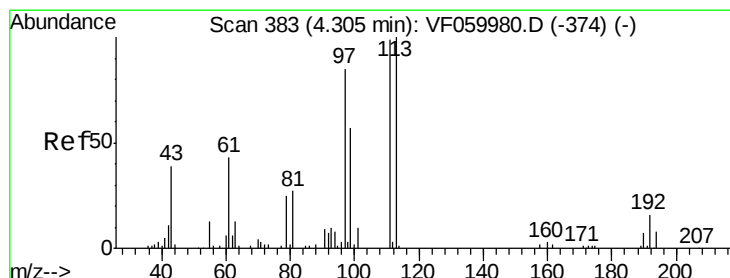
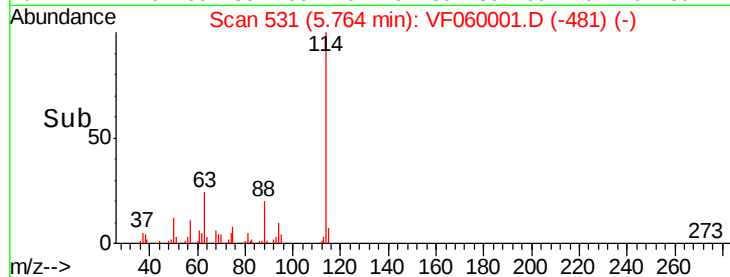
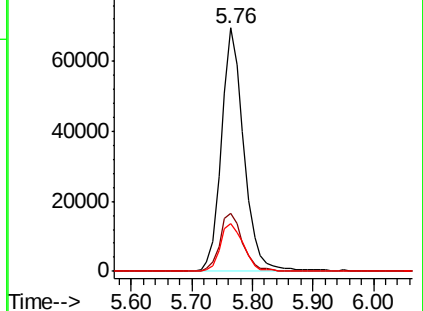
88 19.6 0.0 42.8



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: 55.84 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060001.D

Acq: 20 Aug 2018 14:37

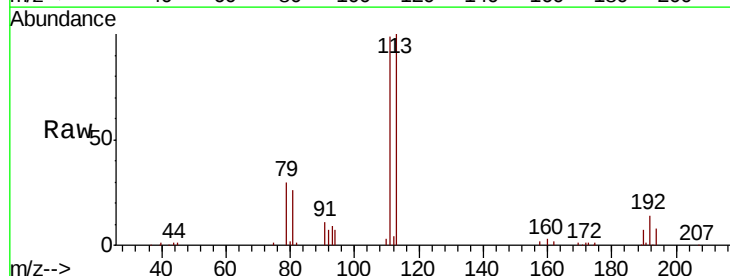
Tgt Ion:113 Resp: 102068

Ion Ratio Lower Upper

113 100

111 99.4 79.5 119.3

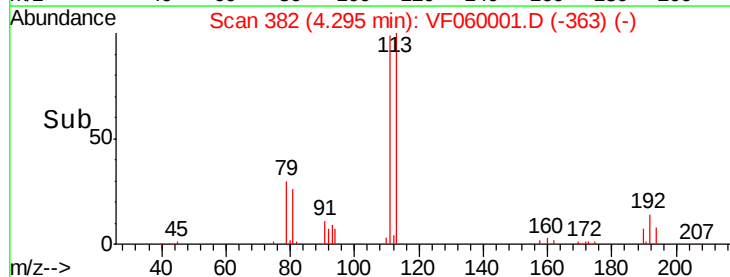
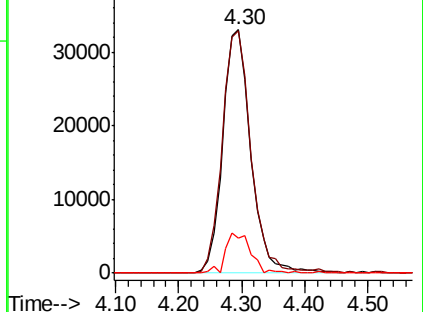
192 14.5 12.4 18.6

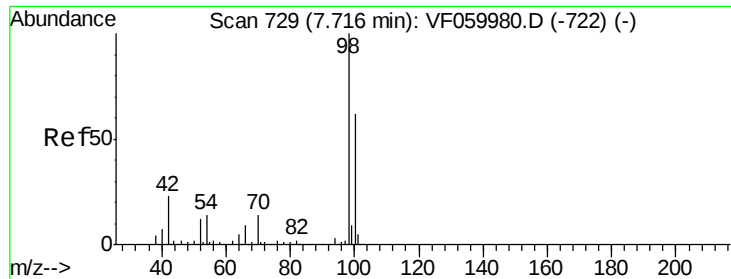


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 52.58 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF060001.D

Acq: 20 Aug 2018 14:37

Instrument :

MSVOA_F

ClientSampleId :

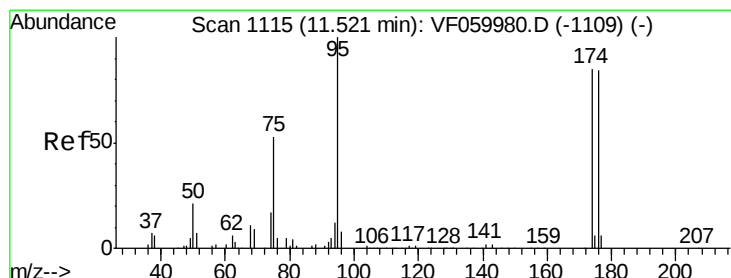
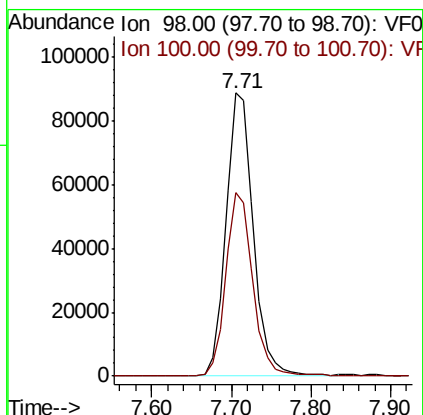
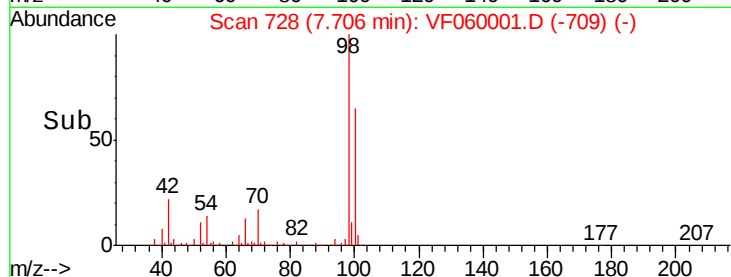
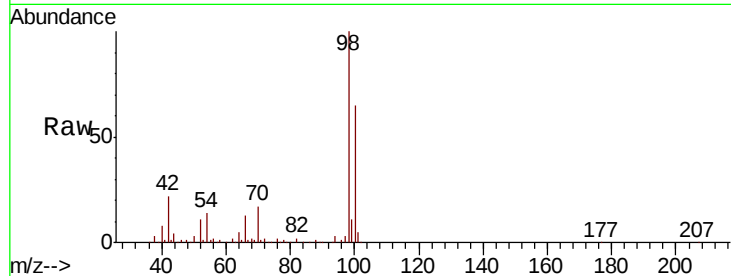
VF0820SBL01

Tot Ion: 98 Resp: 213725

Ion Ratio Lower Upper

98 100

100 64.9 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 53.94 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060001.D

Acq: 20 Aug 2018 14:37

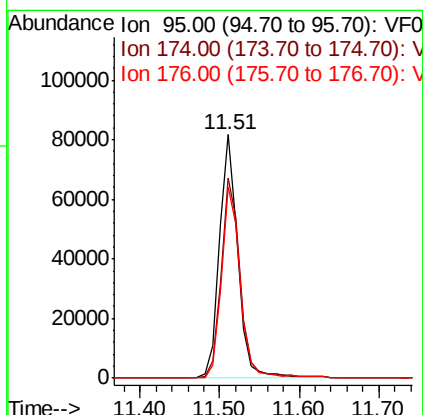
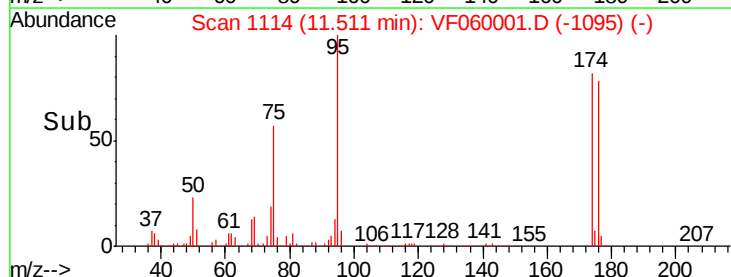
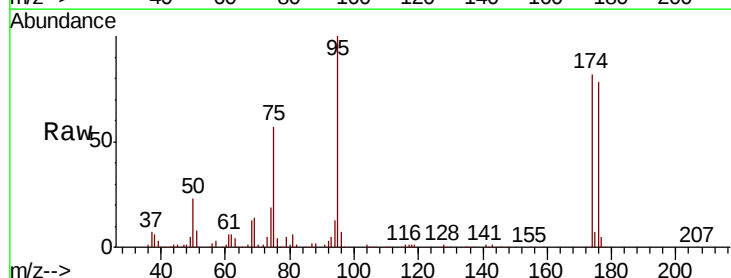
Tgt Ion: 95 Resp: 134537

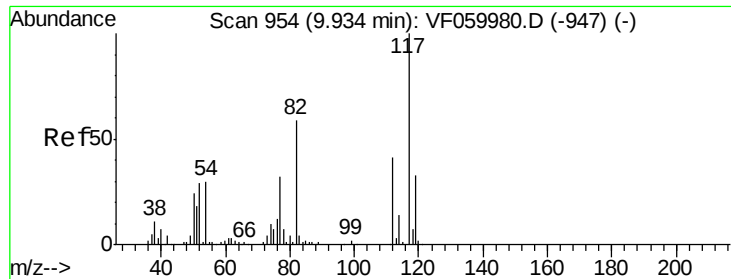
Ion Ratio Lower Upper

95 100

174 82.2 0.0 169.8

176 78.3 0.0 167.8

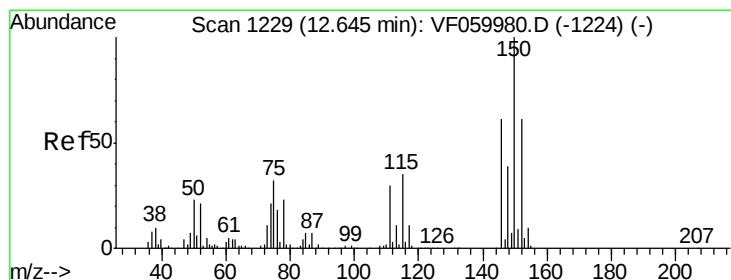
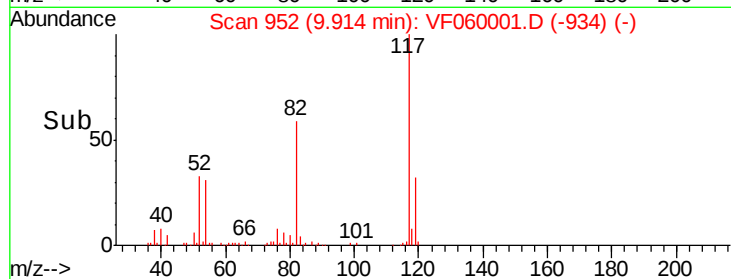
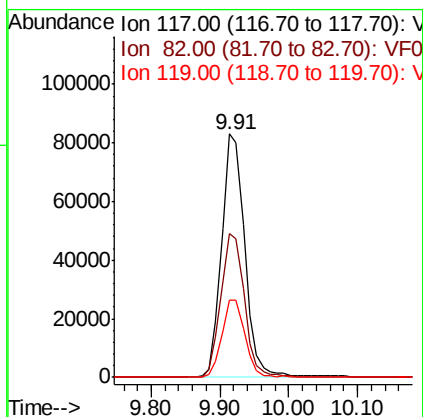
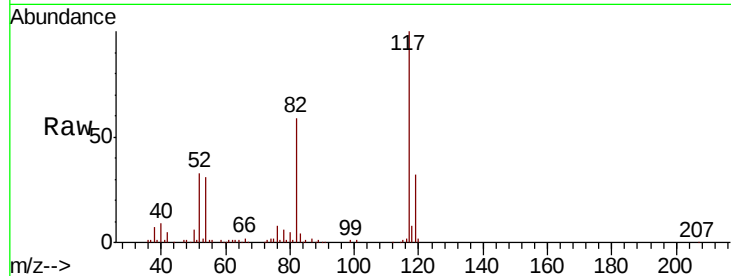




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument :
MSVOA_F
ClientSampleId :
VF0820SBL01

Tot Ion:117 Resp: 194496
Ion Ratio Lower Upper
117 100
82 59.1 47.2 70.8
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion:152 Resp: 128458
Ion Ratio Lower Upper
152 100
115 62.8 29.1 87.3
150 151.2 0.0 330.2

