

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF070218\
 Data File : VF059384.D
 Acq On : 2 Jul 2018 13:44
 Operator : VA/AP
 Sample : VF0702SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0702SBL01

Quant Time: Jul 05 02:06:15 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	5.01	168	296610	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	436333	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	434565	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	284904	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	169291	44.18	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	4.27	113	151805	47.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	7.69	98	339899	43.06	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	86.12%	
62) 4-Bromofluorobenzene	11.49	95	208229	46.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.52%	

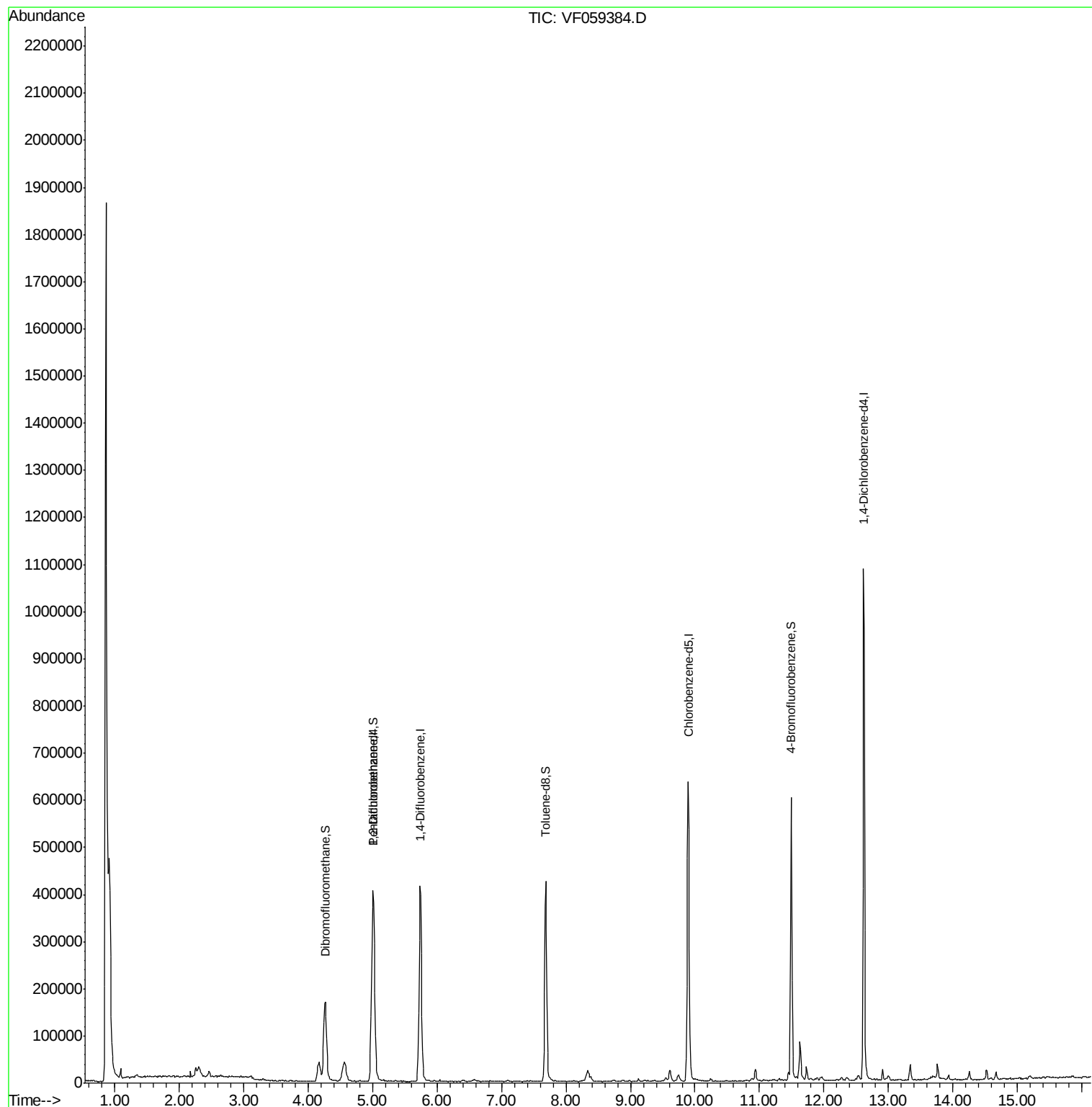
Target Compounds	Qvalue

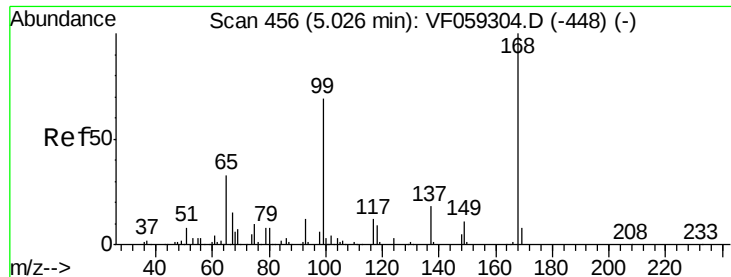
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059384.D

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Instrument :

MSVOA_F

ClientSampleId :

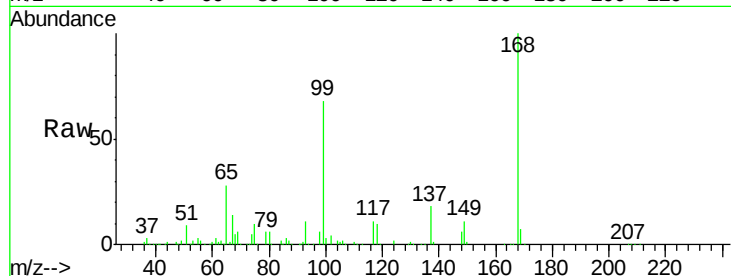
VF0702SBL01

Tgt Ion:168 Resp: 296610

Ion Ratio Lower Upper

168 100

99 67.8 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

100000

80000

60000

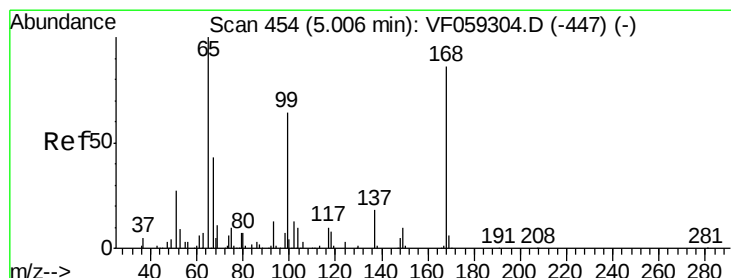
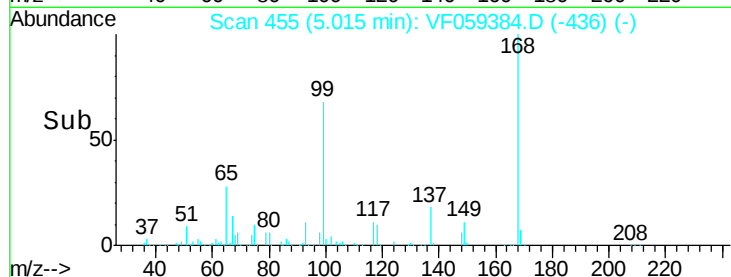
40000

20000

0

Time-->

4.90 5.01 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 44.176 ug/l

RT: 4.99 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059384.D

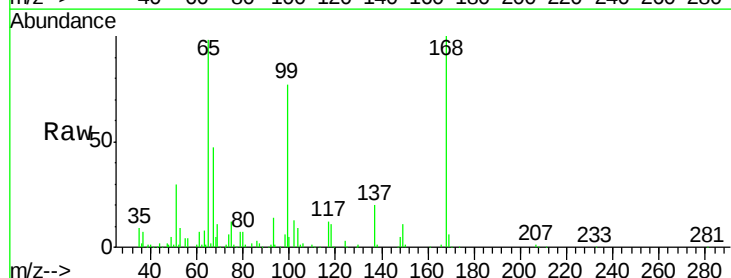
Acq: 2 Jul 2018 13:44

Tgt Ion: 65 Resp: 169291

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

60000

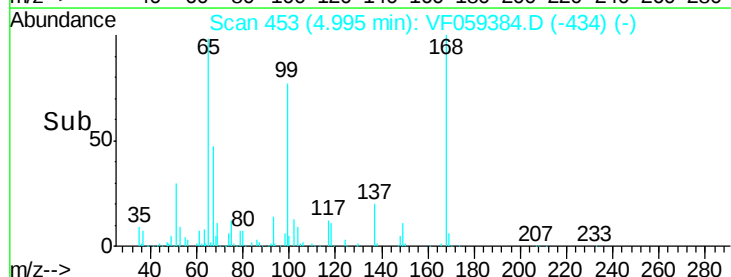
40000

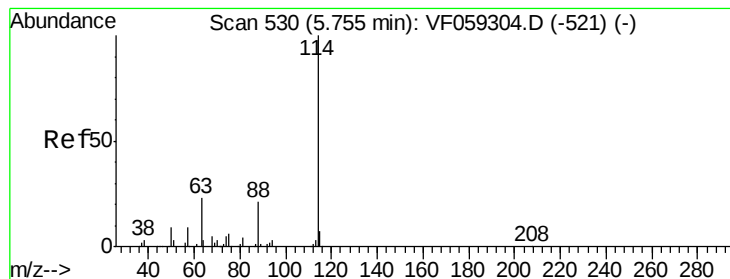
20000

0

Time-->

4.90 4.99 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059384.D

Acq: 2 Jul 2018 13:44

Instrument :

MSVOA_F

ClientSampleId :

VF0702SBL01

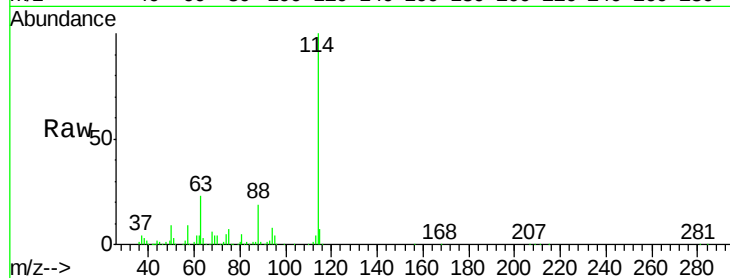
Tgt Ion:114 Resp: 436333

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.8

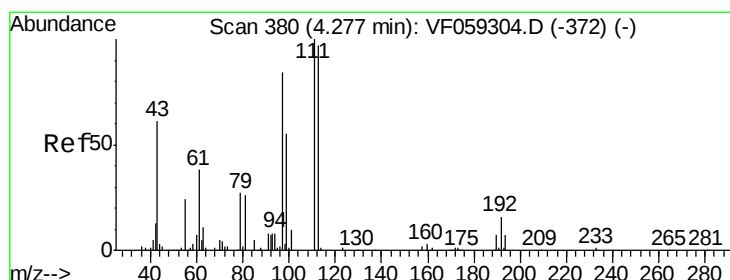
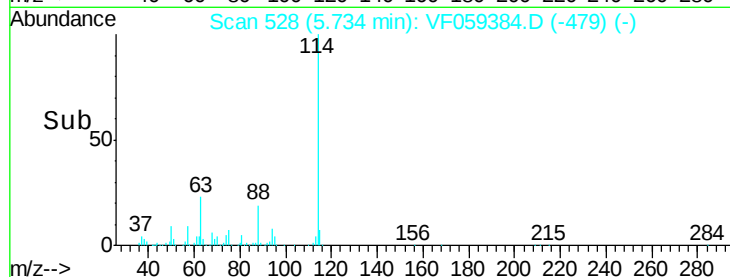
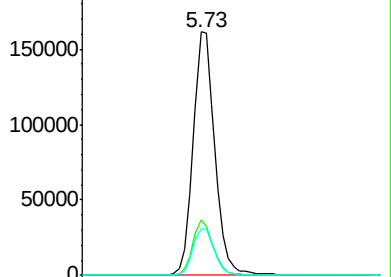
88 18.9 0.0 41.2



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: 47.615 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059384.D

Acq: 2 Jul 2018 13:44

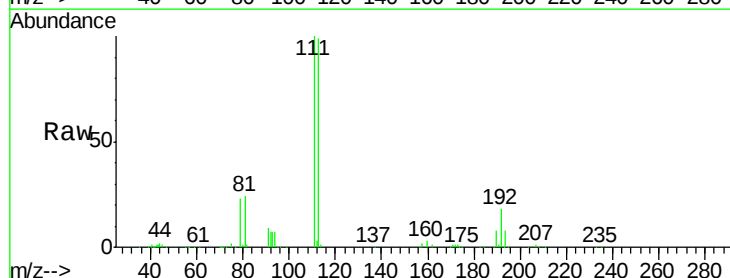
Tgt Ion:113 Resp: 151805

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

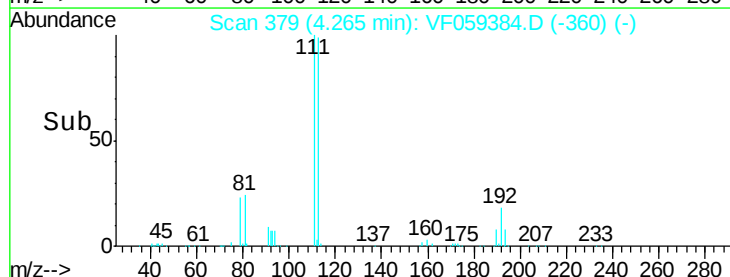
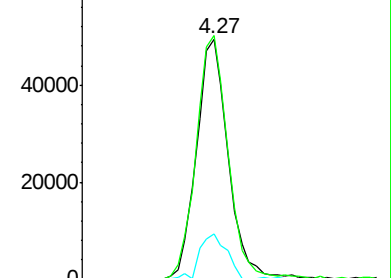
192 18.7 13.0 19.6



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: 43.061 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059384.D

Acq: 2 Jul 2018 13:44

Instrument :

MSVOA_F

ClientSampleId :

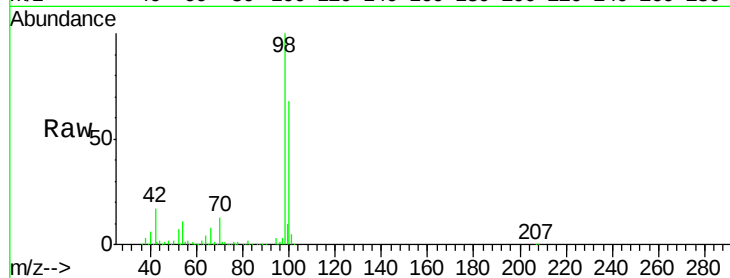
VF0702SBL01

Tgt Ion: 98 Resp: 339899

Ion Ratio Lower Upper

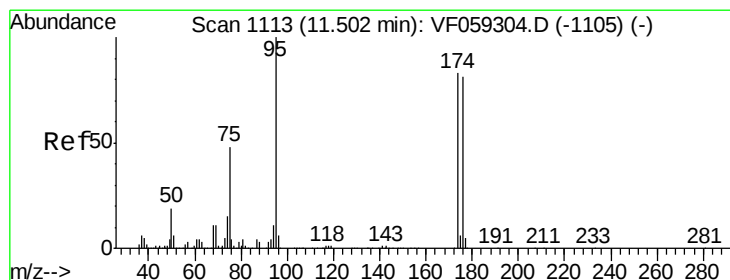
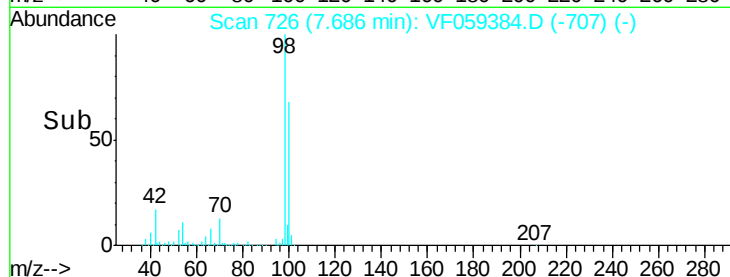
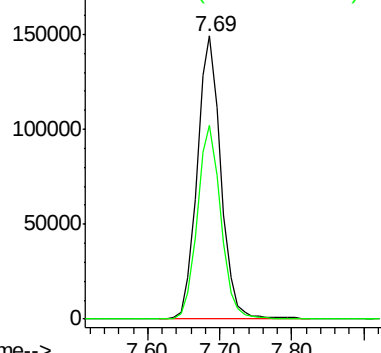
98 100

100 68.3 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: 46.765 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059384.D

Acq: 2 Jul 2018 13:44

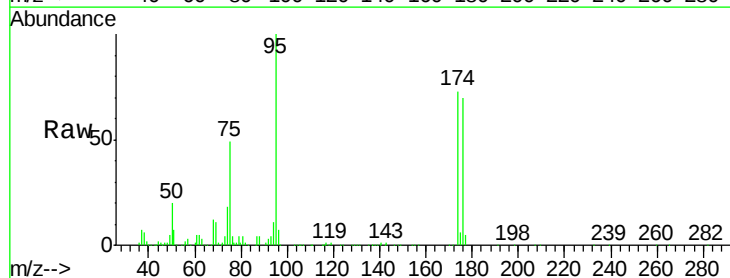
Tgt Ion: 95 Resp: 208229

Ion Ratio Lower Upper

95 100

174 72.8 0.0 165.2

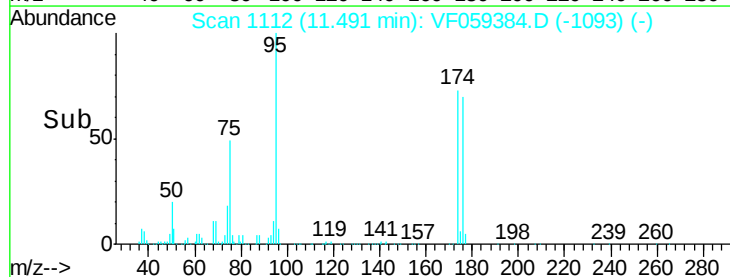
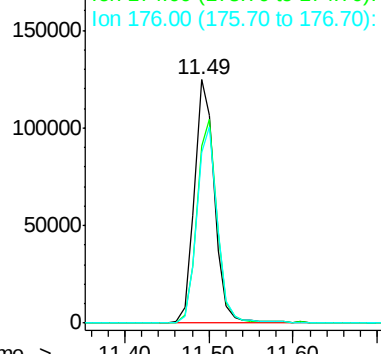
176 70.2 0.0 161.0

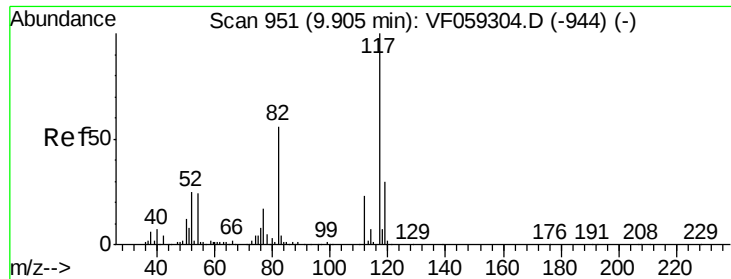


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

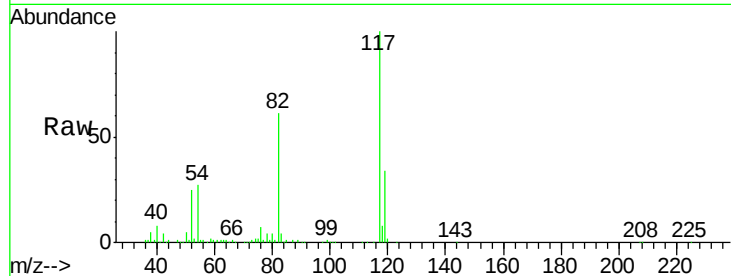




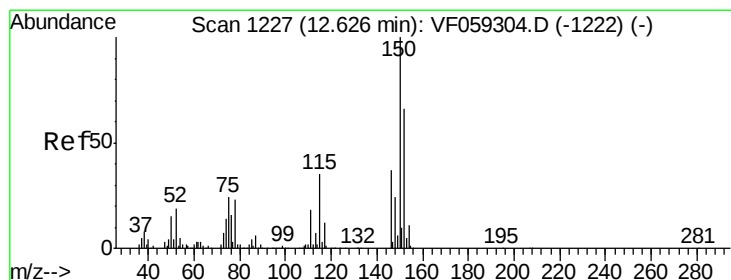
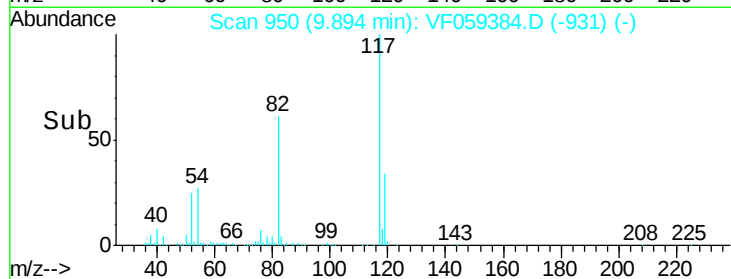
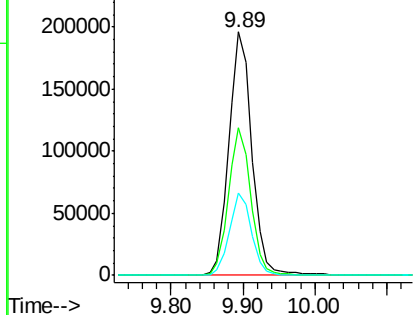
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059384.D
Acq: 2 Jul 2018 13:44

Instrument :
MSVOA_F
ClientSampleId :
VF0702SBL01

Tgt Ion:117 Resp: 434565
Ion Ratio Lower Upper
117 100
82 60.7 44.6 66.8
119 33.6 24.1 36.1

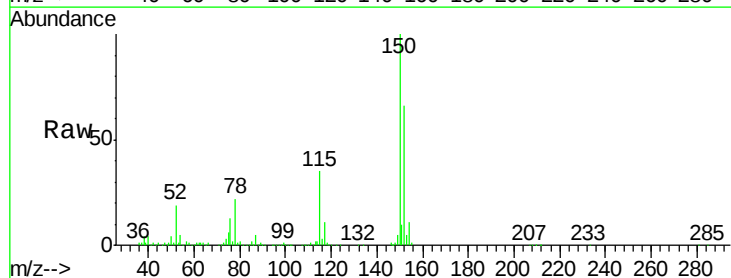


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059384.D
Acq: 2 Jul 2018 13:44

Tgt Ion:152 Resp: 284904
Ion Ratio Lower Upper
152 100
115 53.5 27.1 81.3
150 151.1 0.0 305.2



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

