

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060690.D
 Acq On : 12 Nov 2018 17:29
 Operator : VA/AP
 Sample : VF1112SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1112SBL01

Quant Time: Nov 13 04:36:38 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	218462	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	349532	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	332100	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	206146	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	125480	56.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	4.09	113	153150	56.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.42%	
50) Toluene-d8	7.54	98	397779	49.72	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.40	95	204943	58.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	117.14%	

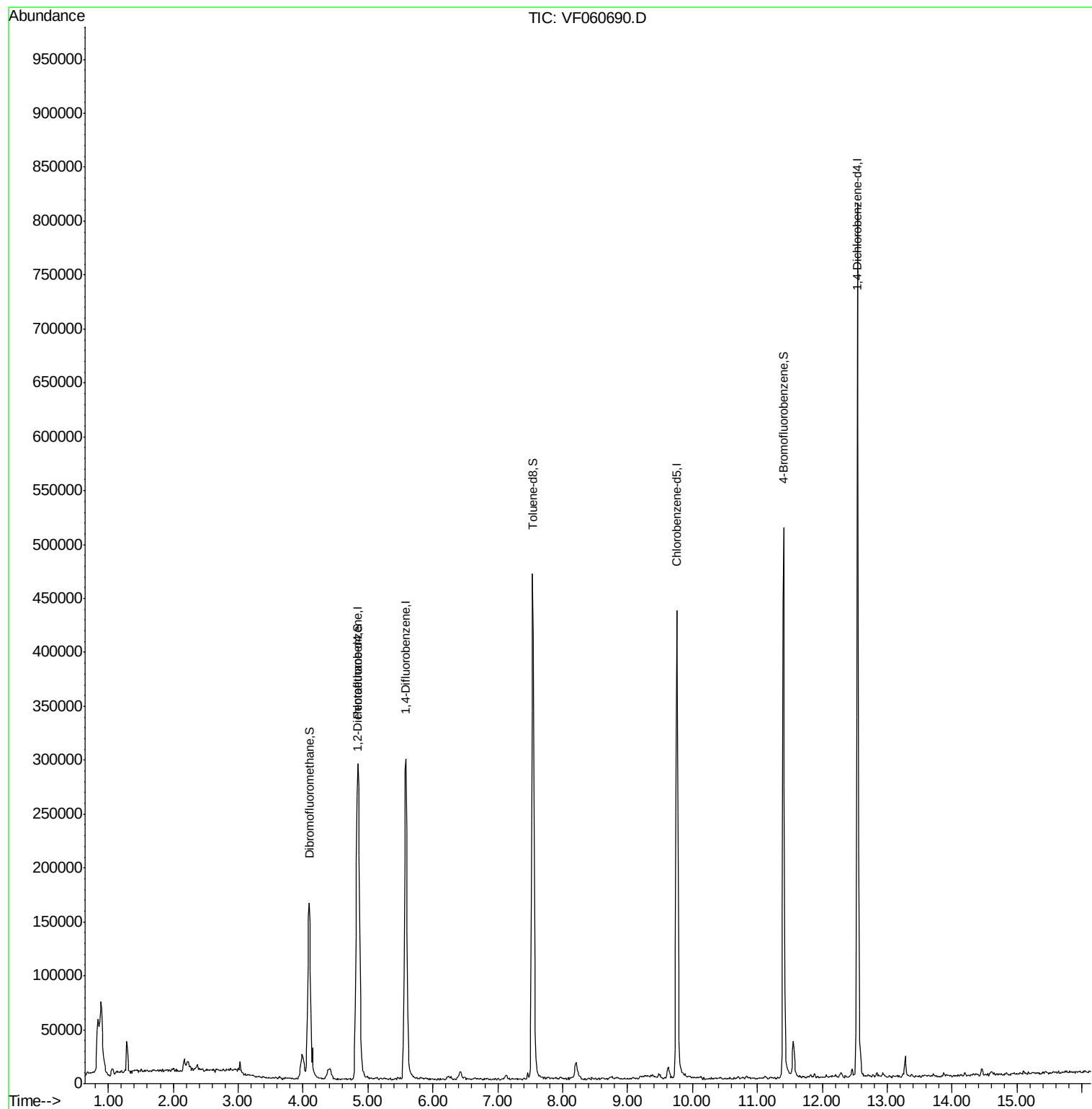
Target Compounds	Qvalue

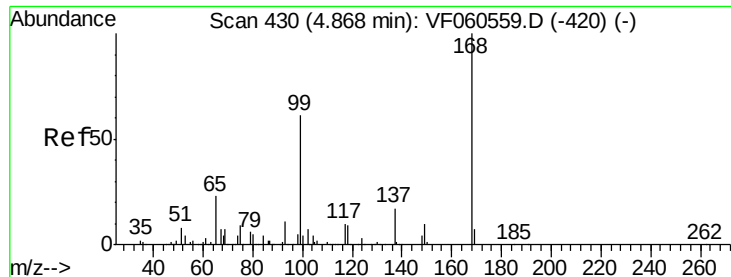
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060690.D

Acq: 12 Nov 2018 17:29

Instrument :

MSVOA_F

ClientSampleId :

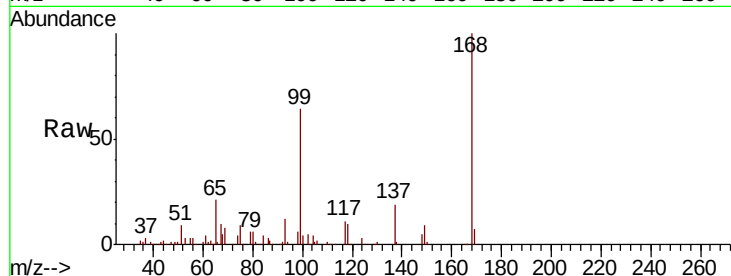
VF1112SBL01

Tot Ion:168 Resp: 218462

Ion Ratio Lower Upper

168 100

99 63.6 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

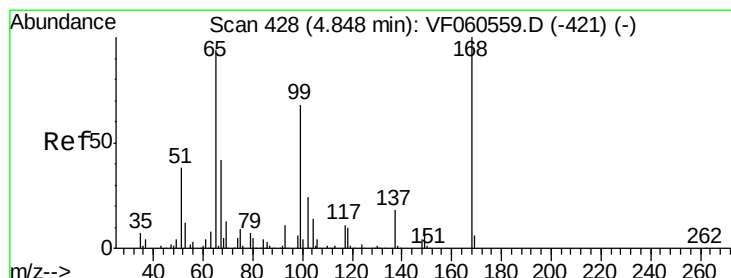
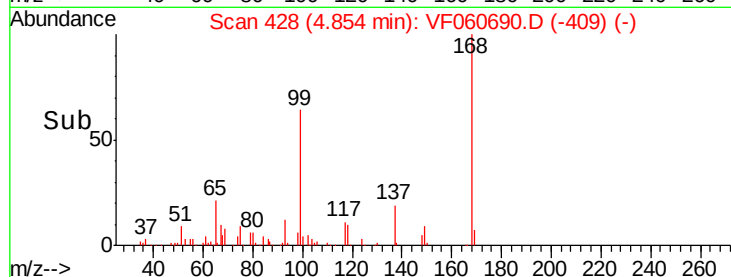
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.848 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF060690.D

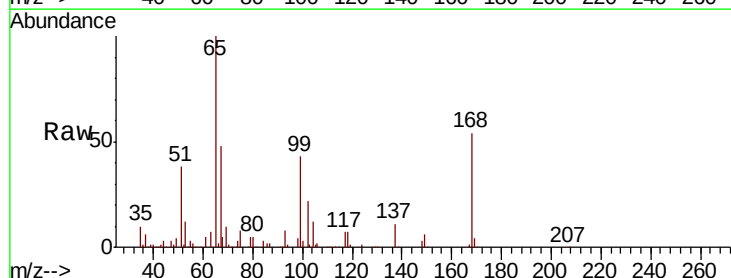
Acq: 12 Nov 2018 17:29

Tgt Ion: 65 Resp: 125480

Ion Ratio Lower Upper

65 100

67 48.3 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

50000

40000

30000

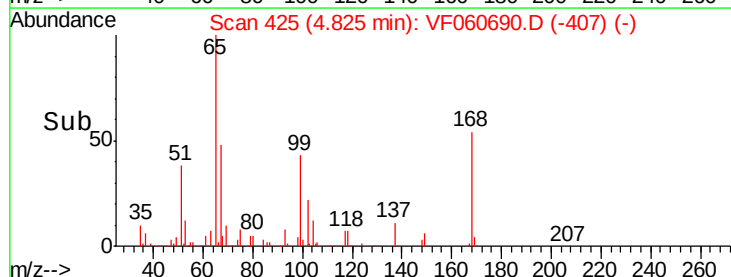
20000

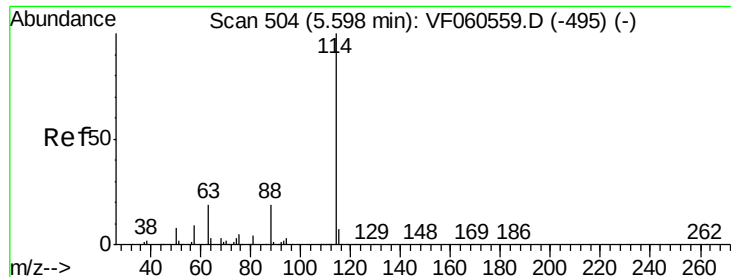
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF060690.D

Acq: 12 Nov 2018 17:29

Instrument :

MSVOA_F

ClientSampleId :

VF1112SBL01

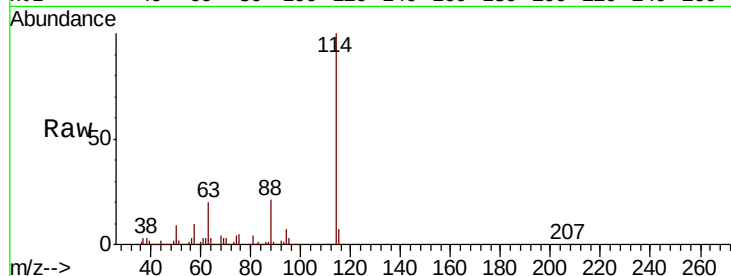
Tot Ion:114 Resp: 349532

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

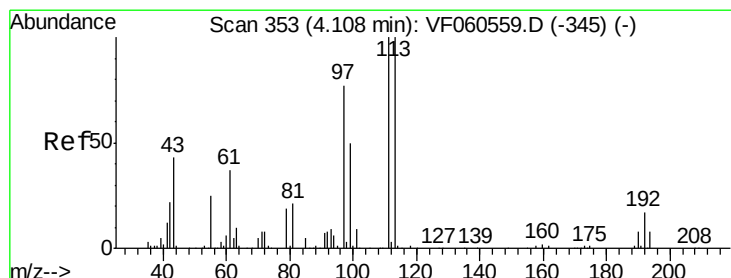
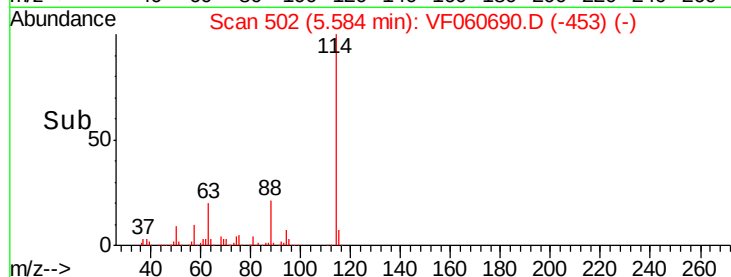
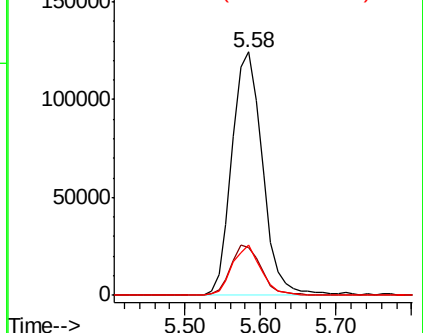
88 20.6 0.0 38.2



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: 56.712 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF060690.D

Acq: 12 Nov 2018 17:29

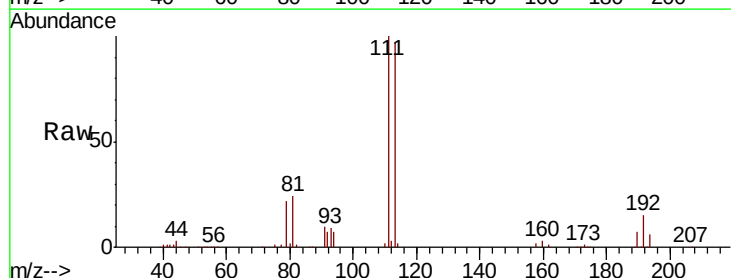
Tgt Ion:113 Resp: 153150

Ion Ratio Lower Upper

113 100

111 103.3 79.9 119.9

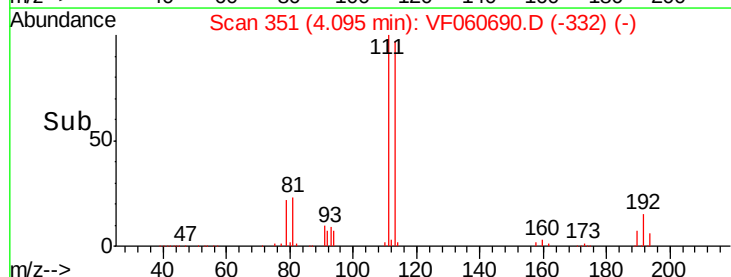
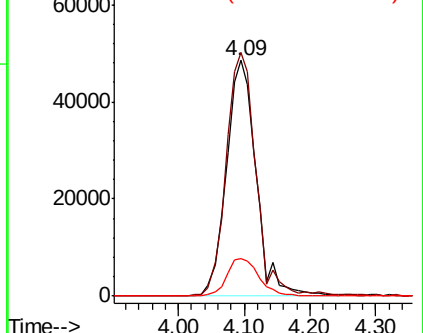
192 15.7 13.3 19.9

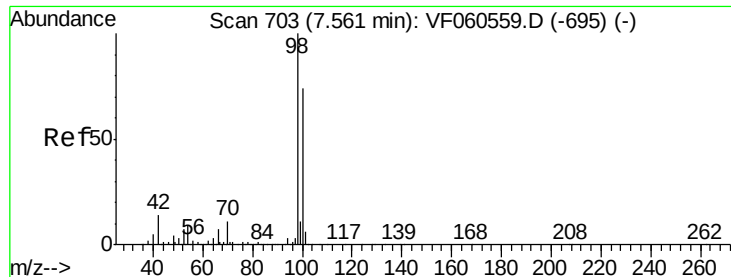


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

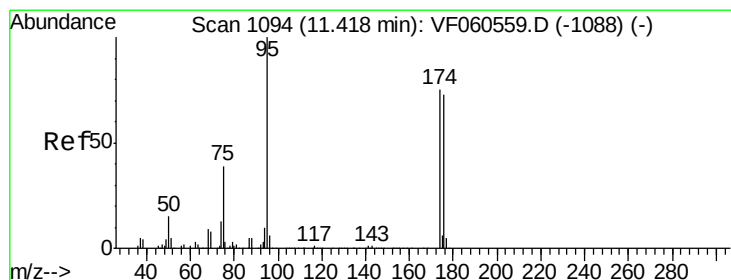
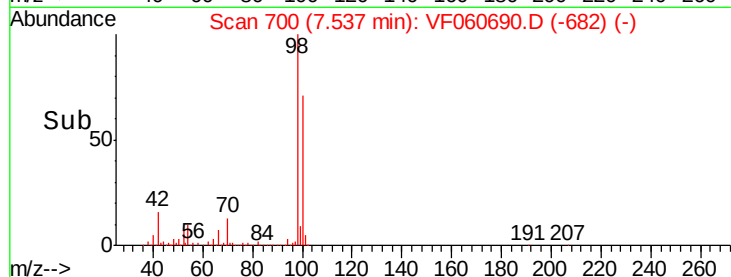
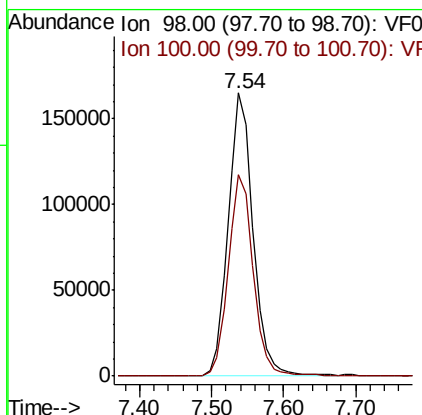
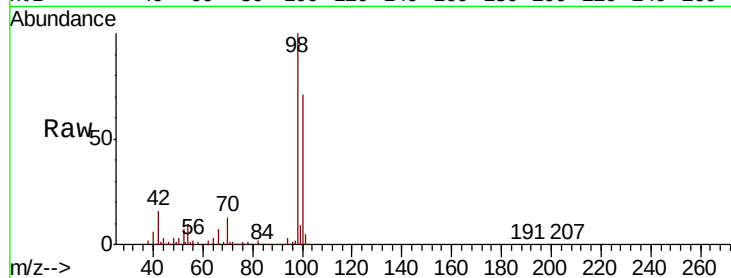




#50
Toluene-d8
Concen: 49.725 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF060690.D
Acq: 12 Nov 2018 17:29

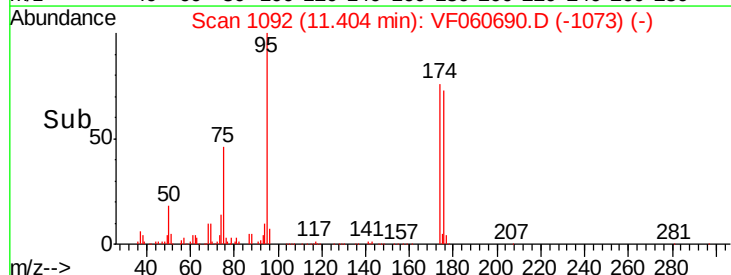
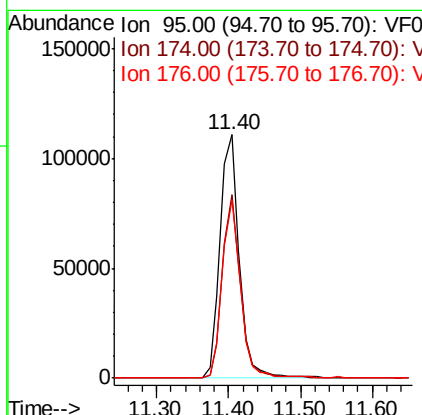
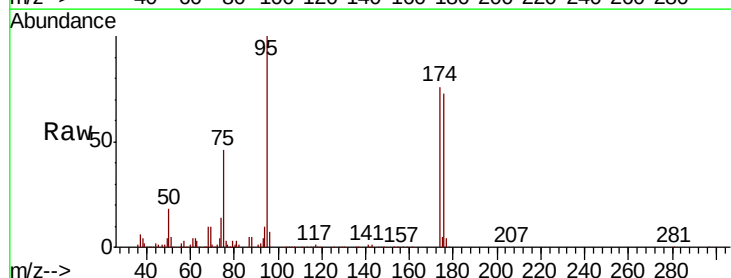
Instrument :
MSVOA_F
ClientSampleId :
VF1112SBL01

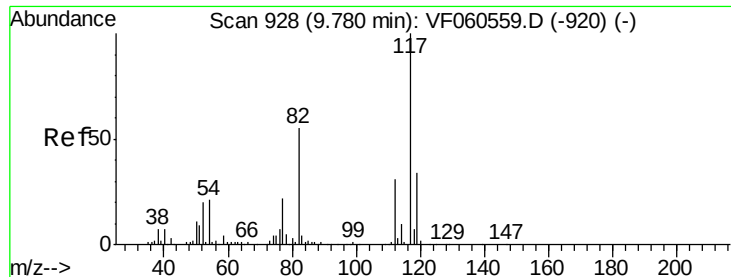
Tot Ion: 98 Resp: 397779
Ion Ratio Lower Upper
98 100
100 71.0 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 58.569 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060690.D
Acq: 12 Nov 2018 17:29

Tgt Ion: 95 Resp: 204943
Ion Ratio Lower Upper
95 100
174 75.5 0.0 149.0
176 73.2 0.0 145.6

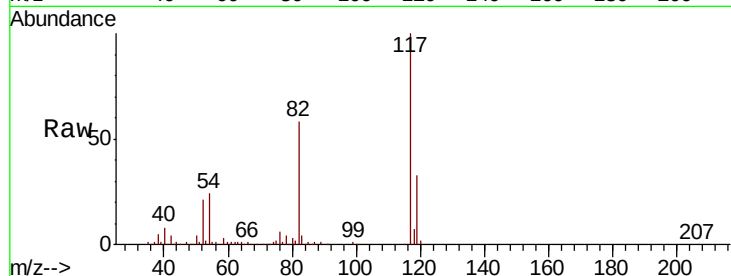




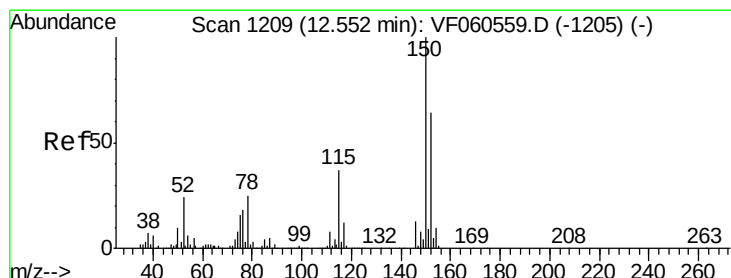
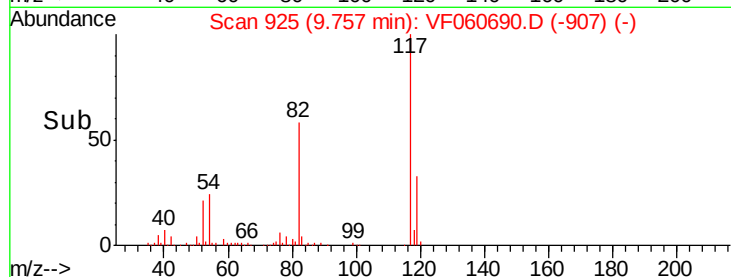
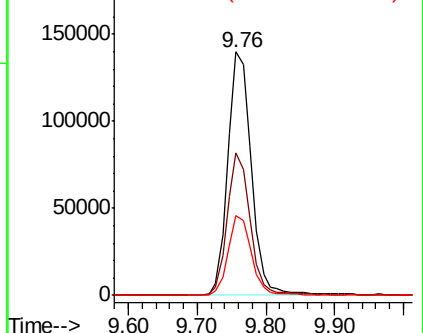
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF060690.D
Acq: 12 Nov 2018 17:29

Instrument :
MSVOA_F
ClientSampleId :
VF1112SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	43.9	65.9
119	32.6	27.4	41.0

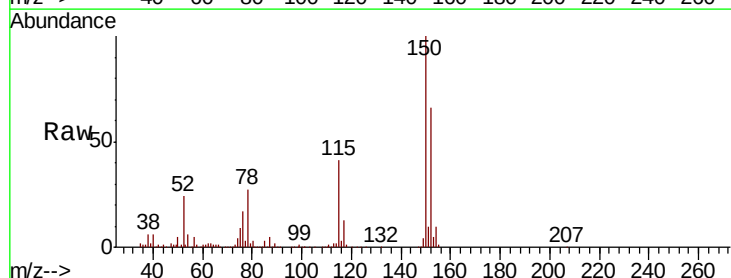


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF060690.D
Acq: 12 Nov 2018 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	29.6	88.8
150	152.1	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

