

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
 Data File : VF061011.D
 Acq On : 12 Dec 2018 22:35
 Operator : VA/AP
 Sample : J6316-15
 Misc : 5.15g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-2

Quant Time: Dec 13 03:01:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	229887	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	376393	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.76	117	304740	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	119782	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	126317	46.64	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	4.10	113	136187	45.61	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	7.54	98	311427	35.41	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	70.82%	
62) 4-Bromofluorobenzene	11.40	95	121981	30.51	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	61.02%	

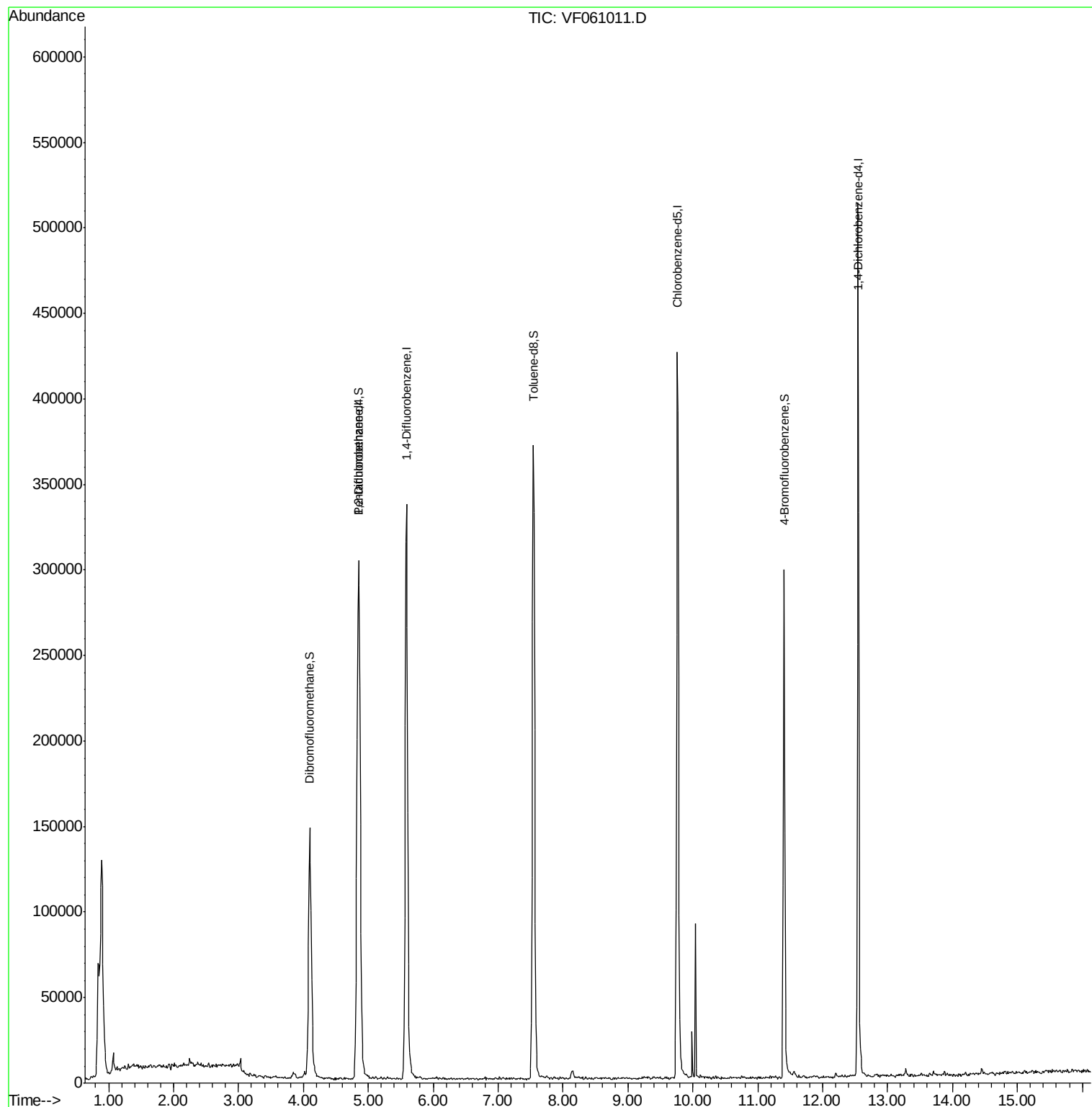
Target Compounds	Qvalue
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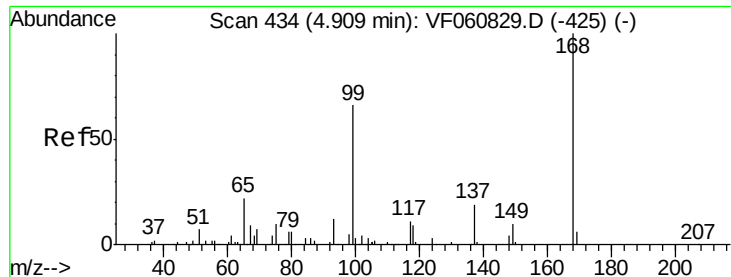
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061011.D

Acq: 12 Dec 2018 22:35

Instrument :

MSVOA_F

ClientSampleId :

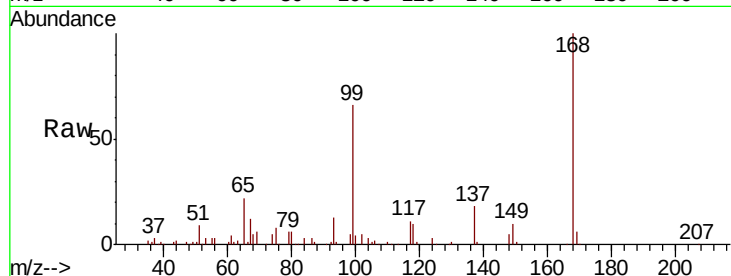
AVE-X-B-BALL-FIELD-S-2

Tot Ion:168 Resp: 229887

Ion Ratio Lower Upper

168 100

99 66.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

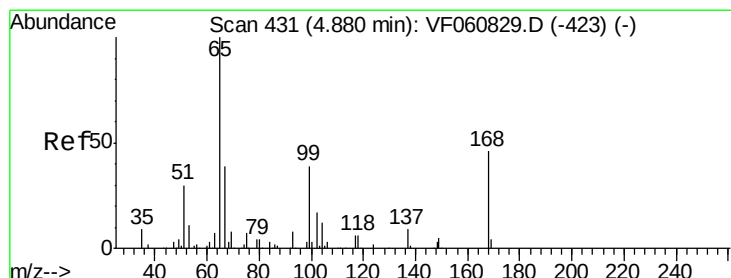
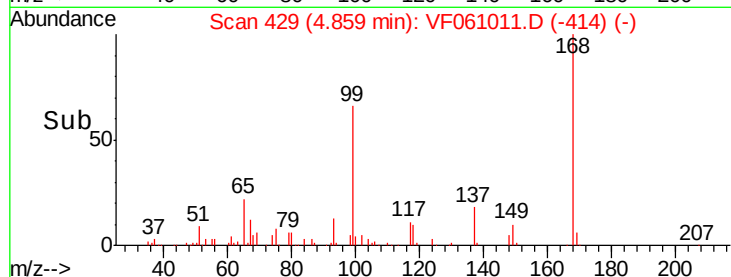
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.643 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061011.D

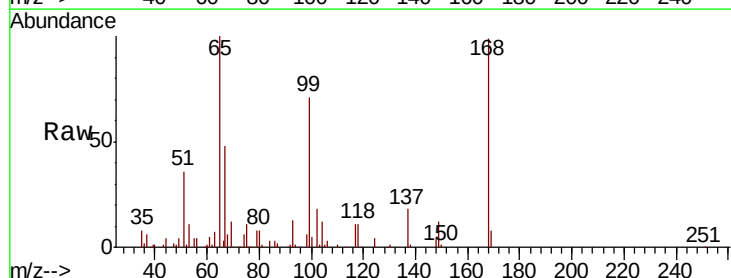
Acq: 12 Dec 2018 22:35

Tgt Ion: 65 Resp: 126317

Ion Ratio Lower Upper

65 100

67 48.1 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

50000

40000

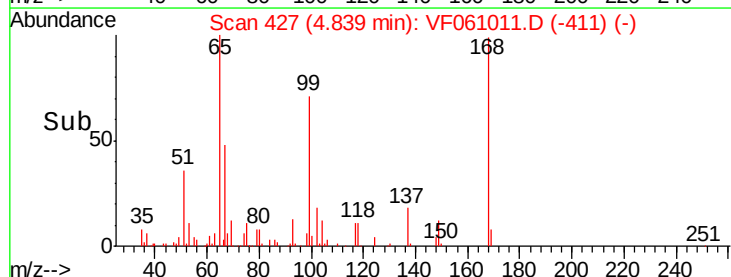
30000

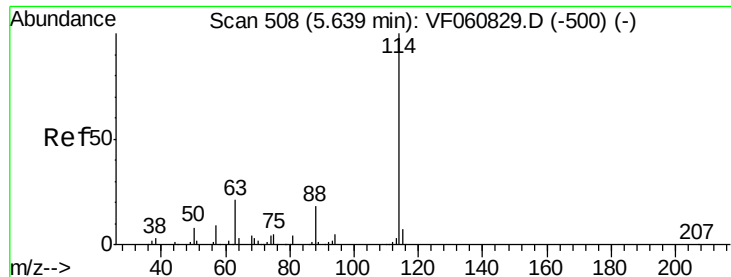
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF061011.D

Acq: 12 Dec 2018 22:35

Instrument :

MSVOA_F

ClientSampleId :

AVE-X-B-BALL-FIELD-S-2

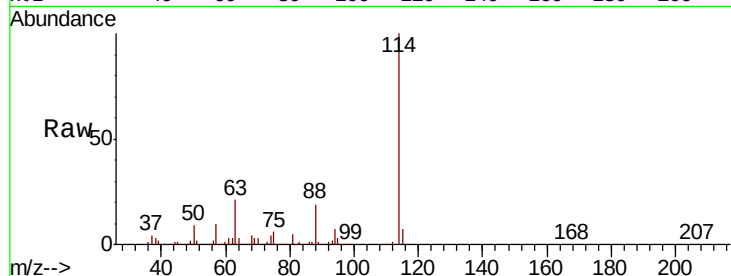
Tot Ion:114 Resp: 376393

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

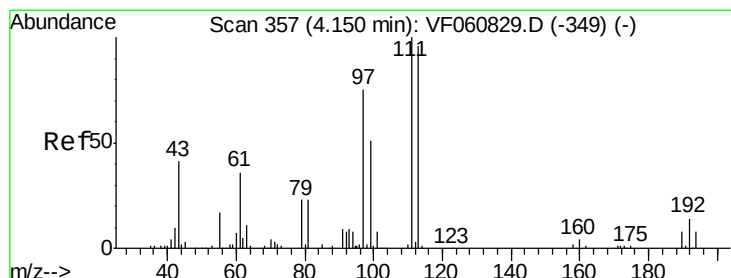
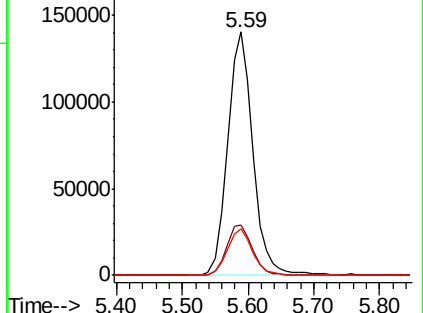
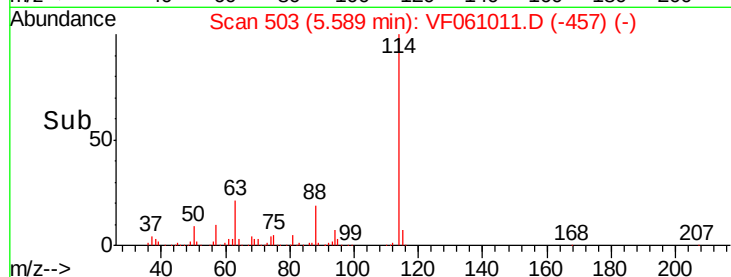
88 19.1 0.0 36.6



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: 45.608 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF061011.D

Acq: 12 Dec 2018 22:35

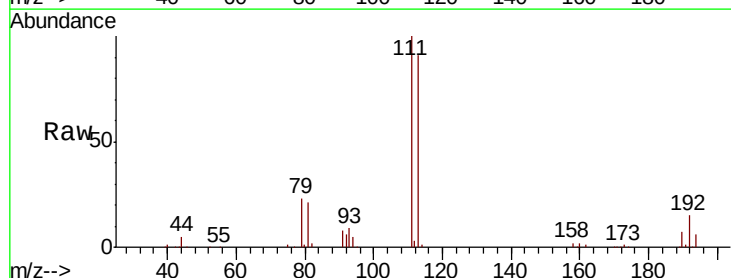
Tgt Ion:113 Resp: 136187

Ion Ratio Lower Upper

113 100

111 109.8 83.0 124.6

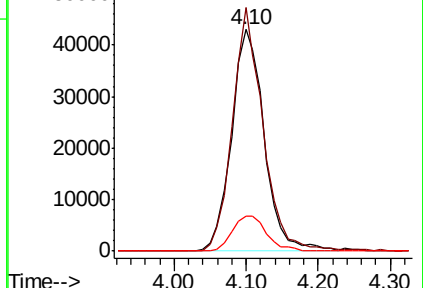
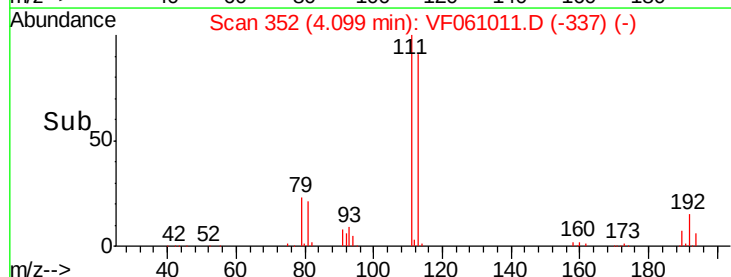
192 15.9 12.3 18.5

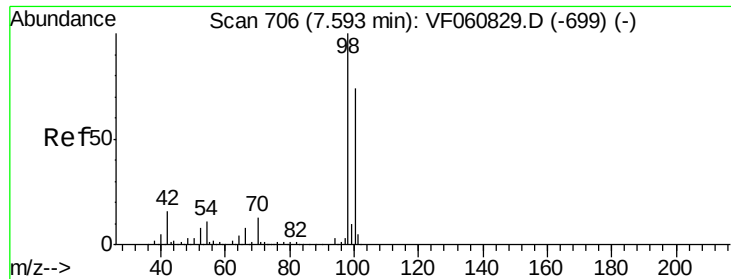


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

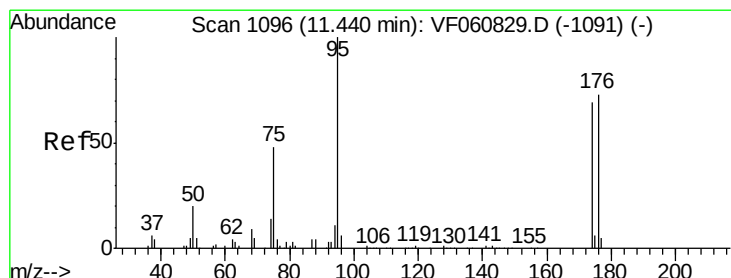
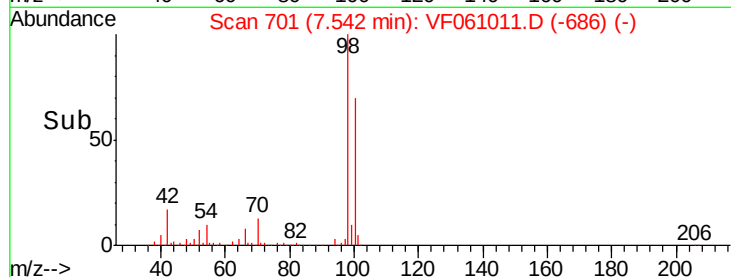
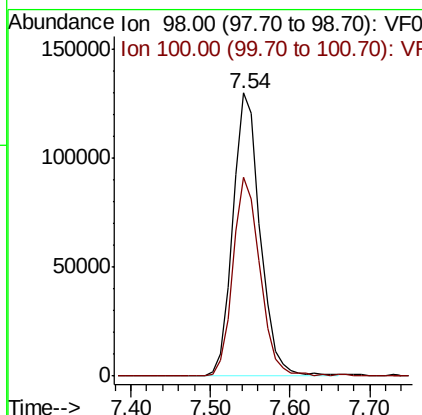
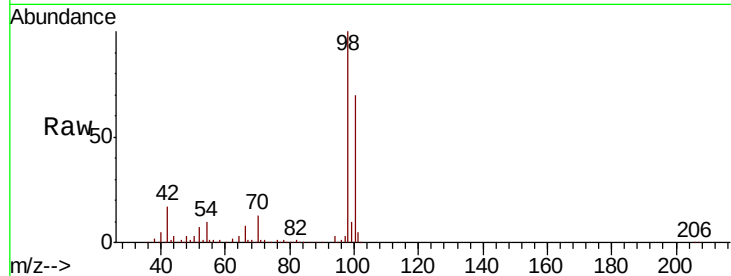




#50
Toluene-d8
Concen: 35.406 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

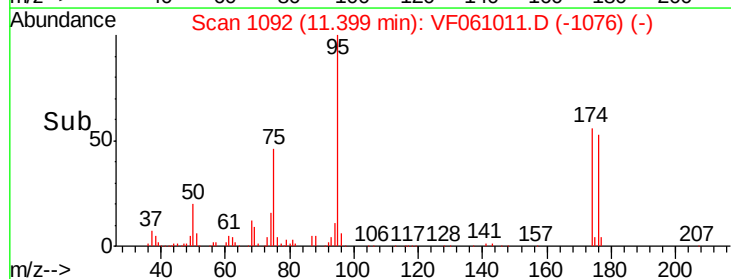
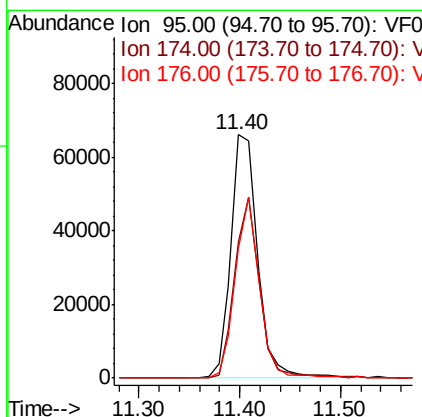
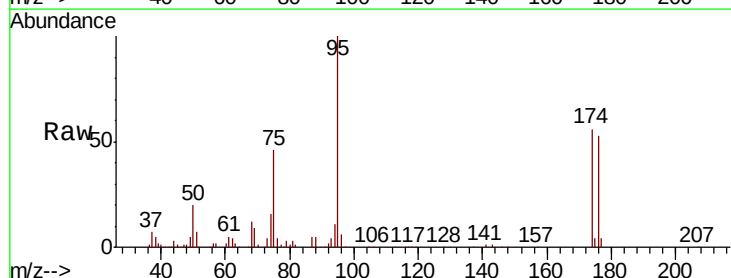
Instrument :
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AVE-X-B-BALL-FIELD-S-2

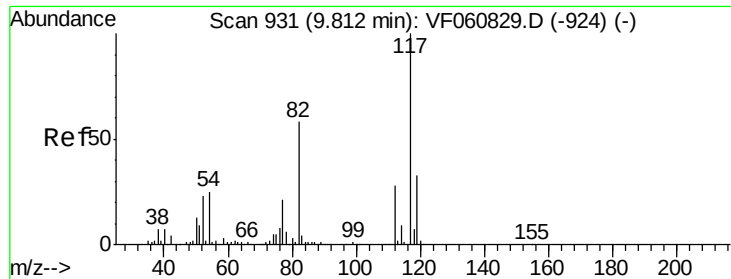
Tot Ion: 98 Resp: 311427
Ion Ratio Lower Upper
98 100
100 70.5 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 30.513 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion: 95 Resp: 121981
Ion Ratio Lower Upper
95 100
174 55.7 0.0 138.2
176 53.0 0.0 146.2

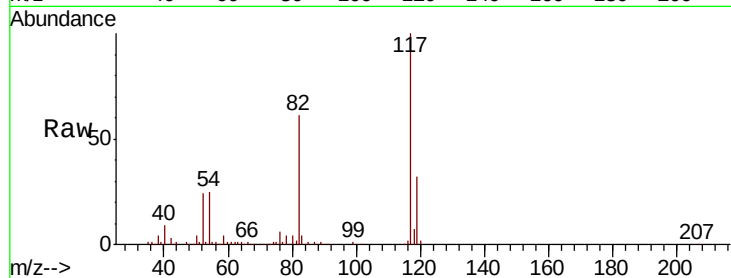




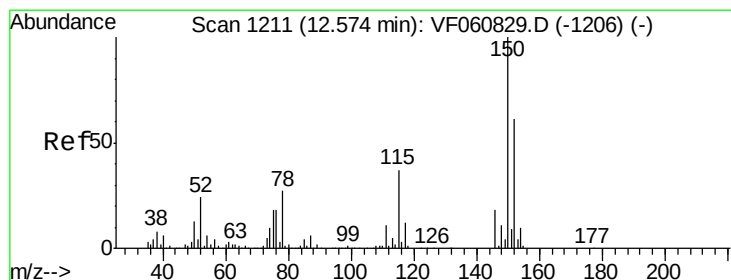
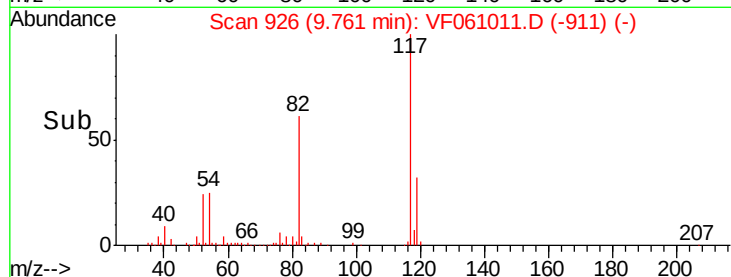
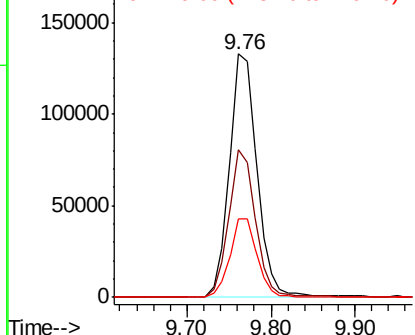
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-2

Tot Ion:117 Resp: 304740
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 32.0 26.4 39.6

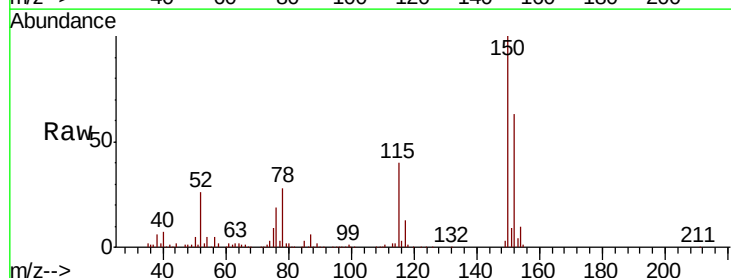


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061011.D
Acq: 12 Dec 2018 22:35

Tgt Ion:152 Resp: 119782
Ion Ratio Lower Upper
152 100
115 63.8 30.1 90.5
150 158.2 0.0 327.6



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

