

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061053.D
 Acq On : 17 Dec 2018 21:17
 Operator : VA/AP
 Sample : J6391-16RE
 Misc : 3.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS018-0006-01RE

Quant Time: Dec 18 04:07:18 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

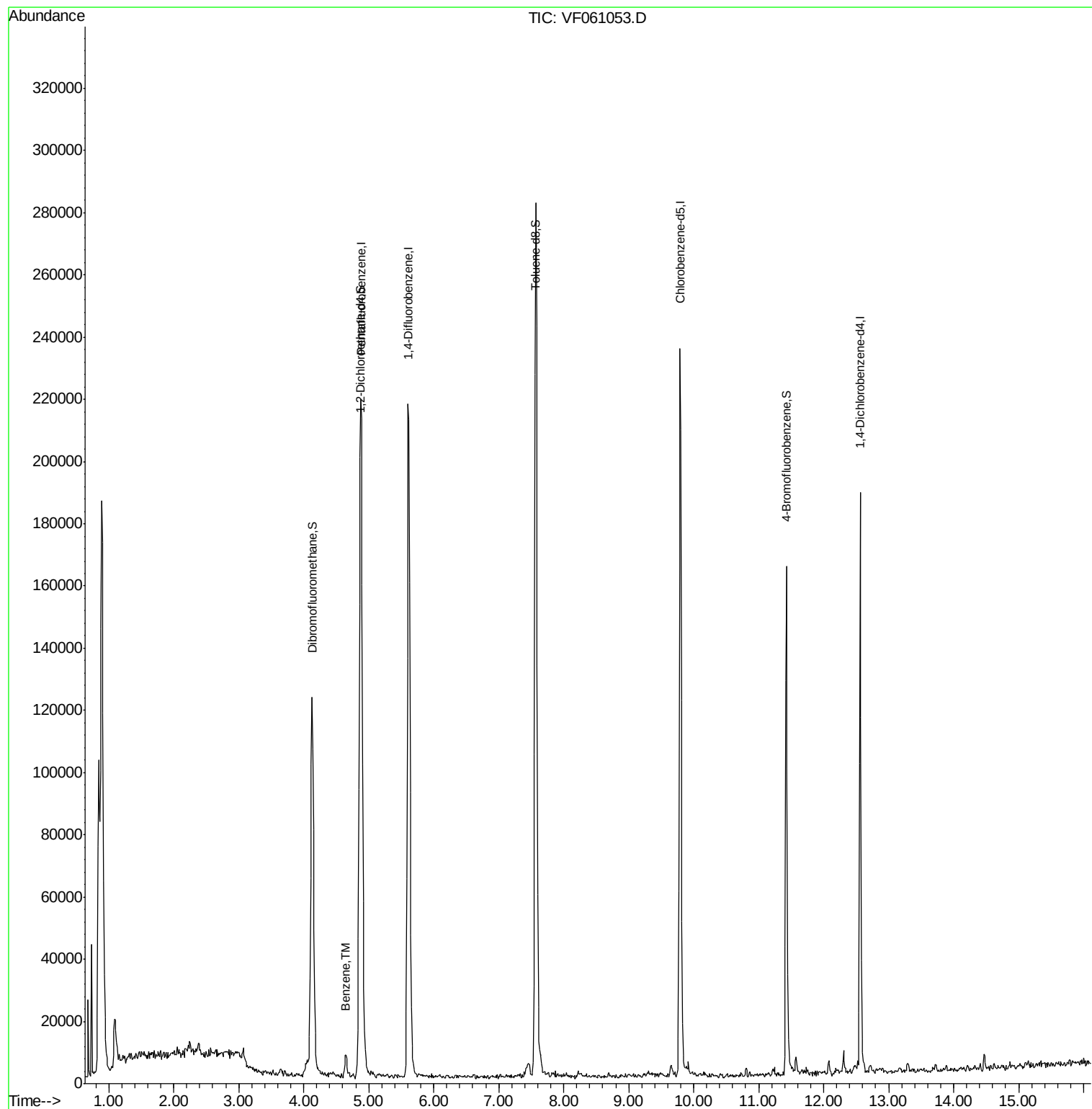
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	148902	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	241912	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	167087	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	42751	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	109532	62.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.88%	
35) Dibromofluoromethane	4.13	113	111335	58.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.02%	
50) Toluene-d8	7.57	98	235044	41.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.16%	
62) 4-Bromofluorobenzene	11.43	95	64835	25.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	50.46%	
Target Compounds						
40) Benzene	4.65	78	7280	1.228	ug/l #	Qvalue 87

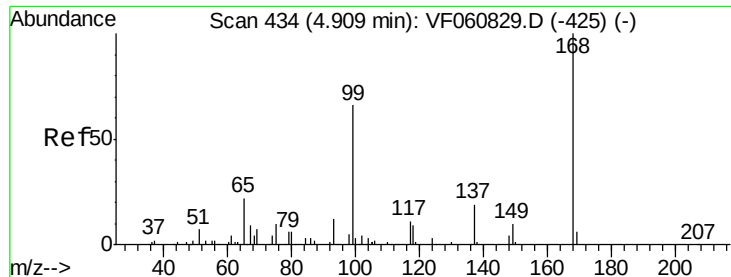
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

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ClientSampleId :

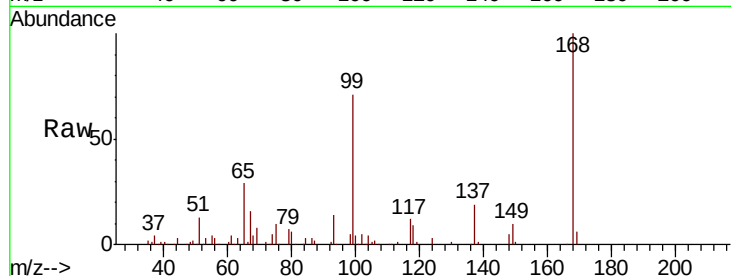
P001-SS018-0006-01RE

Tot Ion:168 Resp: 148902

Ion Ratio Lower Upper

168 100

99 70.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

60000

50000

40000

30000

20000

10000

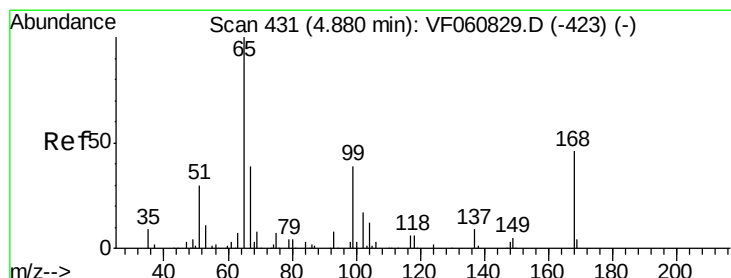
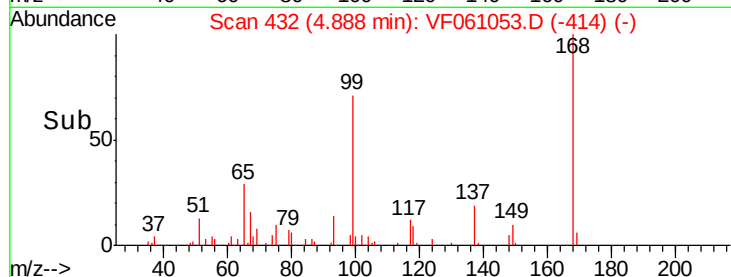
0

4.80

4.90

5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.443 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061053.D

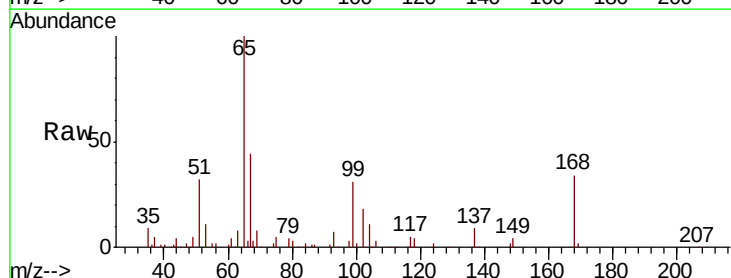
Acq: 17 Dec 2018 21:17

Tgt Ion: 65 Resp: 109532

Ion Ratio Lower Upper

65 100

67 44.4 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

40000

30000

20000

10000

0

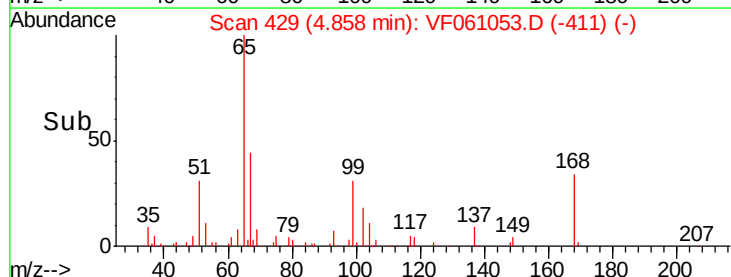
4.70

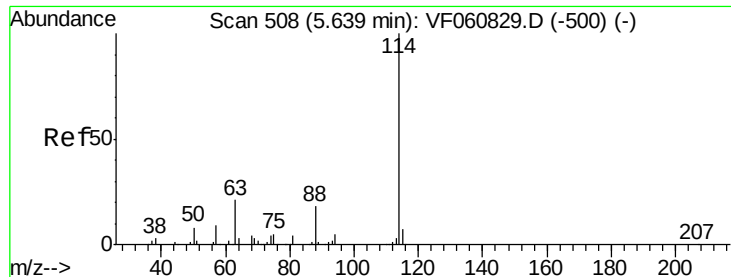
4.80

4.90

5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF061053.D

Acq: 17 Dec 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

P001-SS018-0006-01RE

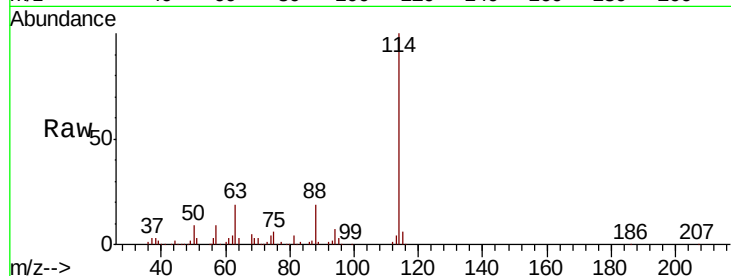
Tot Ion:114 Resp: 241912

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

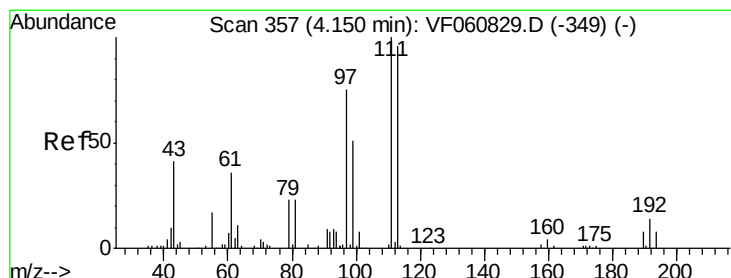
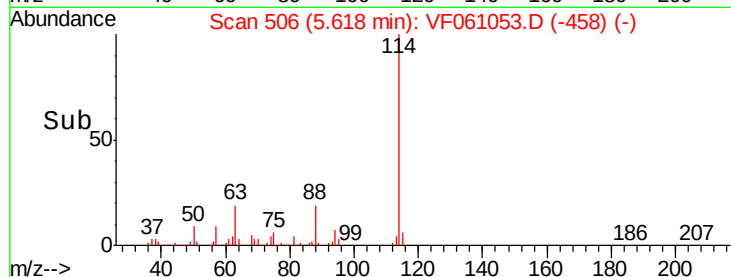
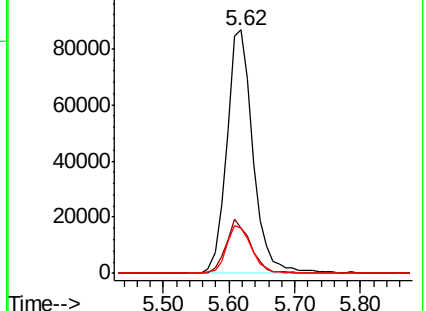
88 18.6 0.0 36.6



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: 58.013 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF061053.D

Acq: 17 Dec 2018 21:17

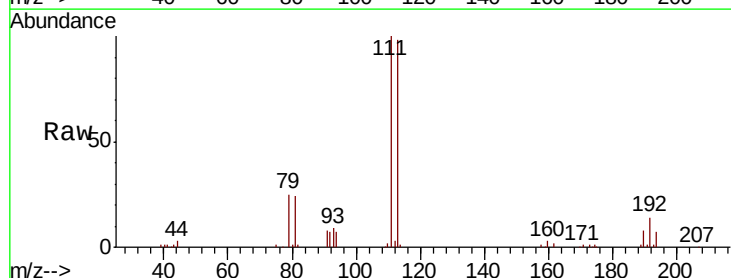
Tgt Ion:113 Resp: 111335

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

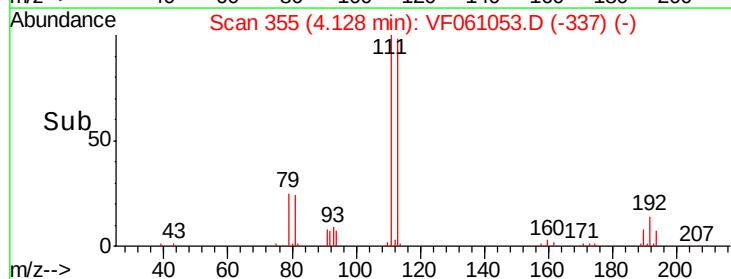
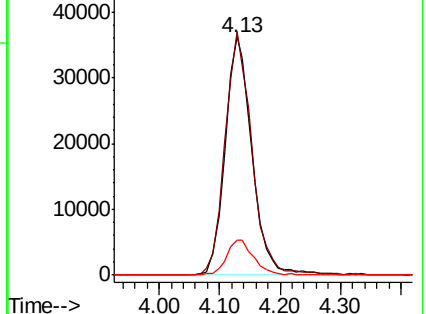
192 14.6 12.3 18.5

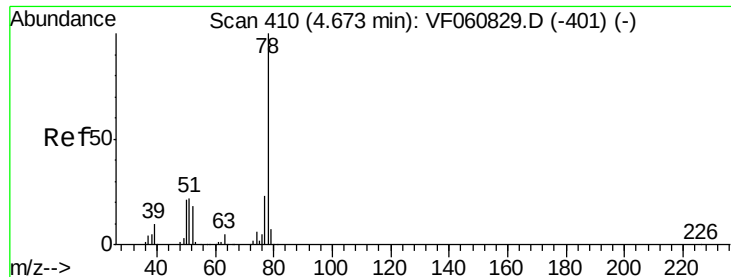


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#40

Benzene

Concen: 1.228 ug/l

RT: 4.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VF061053.D

Acq: 17 Dec 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

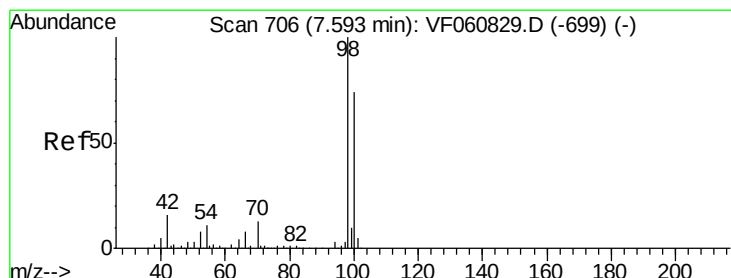
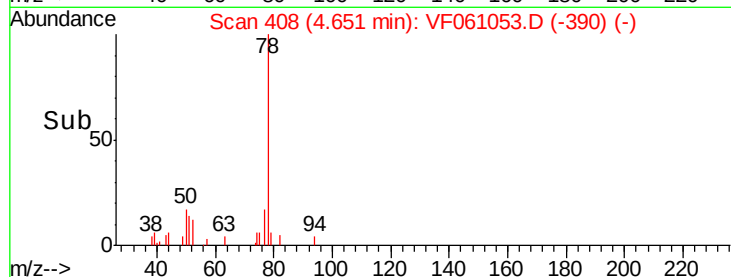
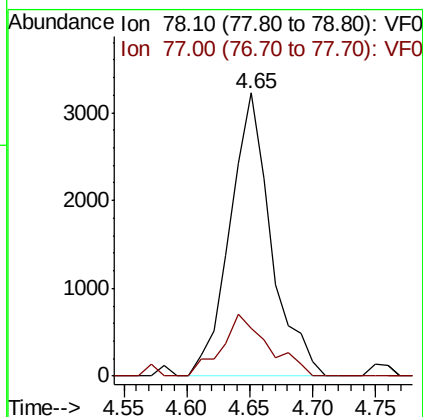
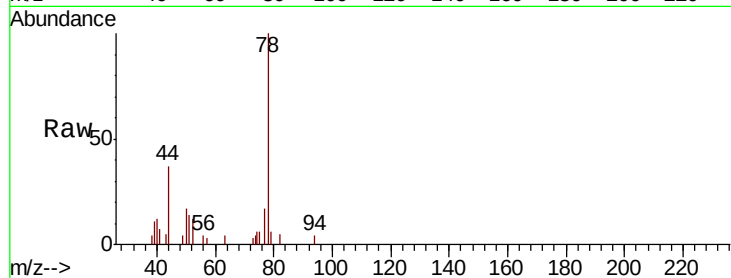
P001-SS018-0006-01RE

Tot Ion: 78 Resp: 7280

Ion Ratio Lower Upper

78 100

77 16.9 18.7 28.1#



#50

Toluene-d8

Concen: 41.577 ug/l

RT: 7.57 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF061053.D

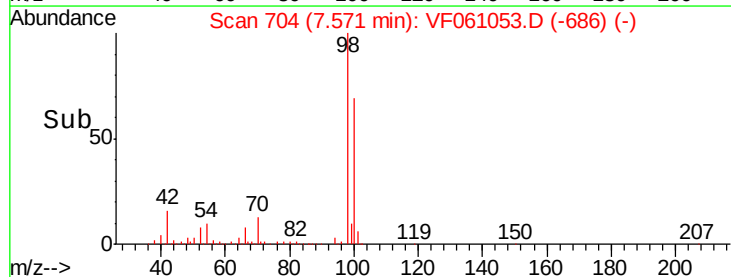
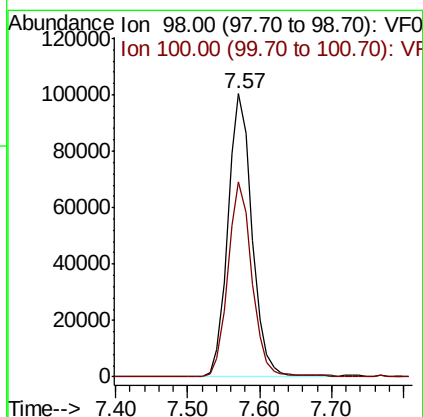
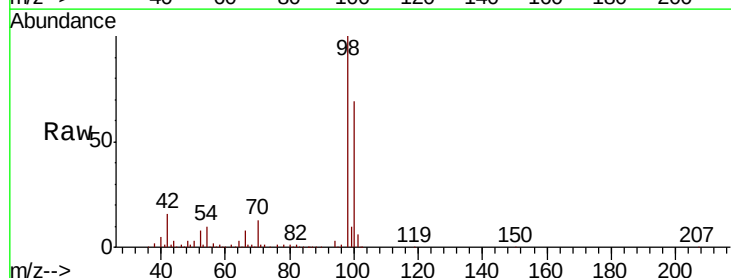
Acq: 17 Dec 2018 21:17

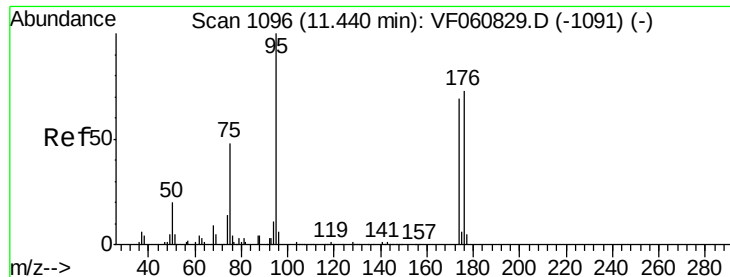
Tgt Ion: 98 Resp: 235044

Ion Ratio Lower Upper

98 100

100 68.9 59.3 88.9

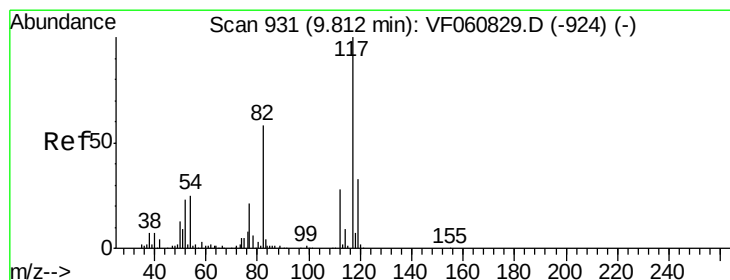
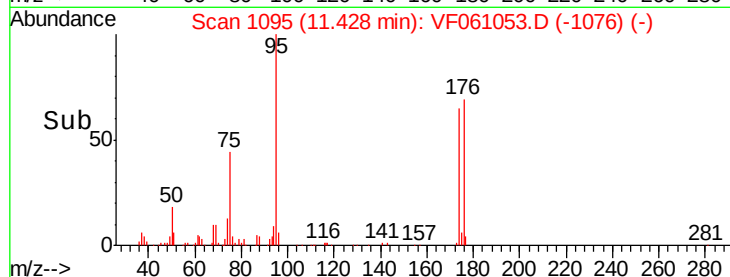
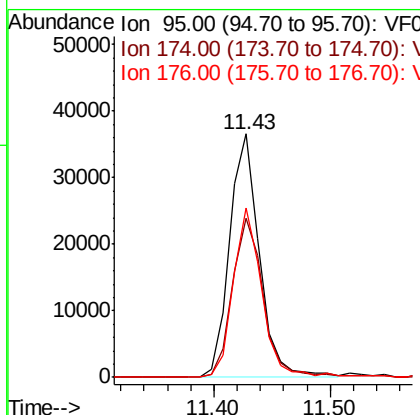
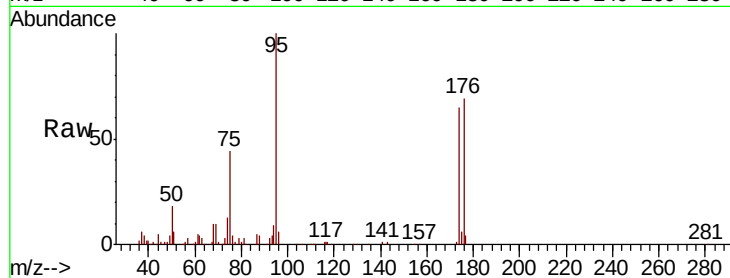




#62
4-Bromofluorobenzene
Concen: 25.234 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

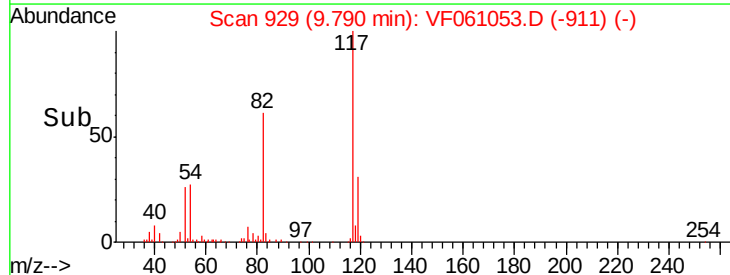
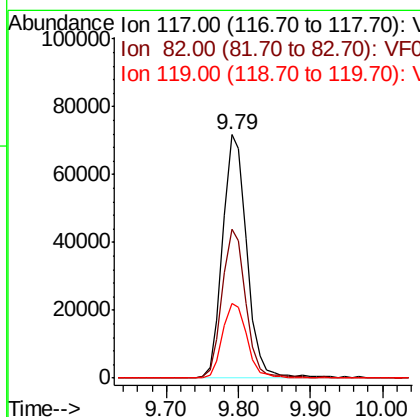
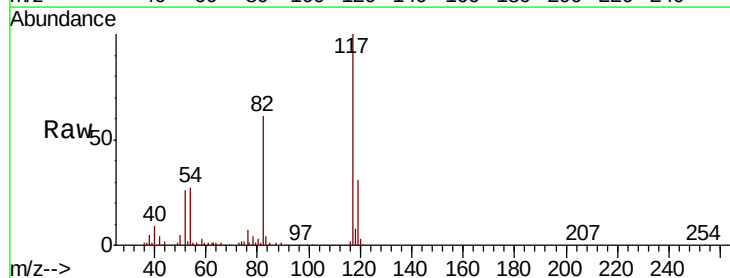
Instrument :
MSVOA_F
ClientSampleId :
P001-SS018-0006-01RE

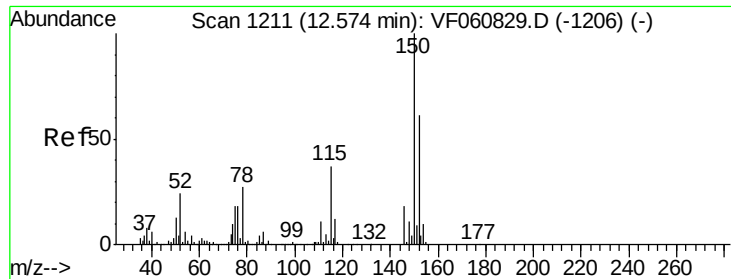
Tot Ion: 95 Resp: 64835
Ion Ratio Lower Upper
95 100
174 65.5 0.0 138.2
176 69.4 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061053.D
Acq: 17 Dec 2018 21:17

Tgt Ion: 117 Resp: 167087
Ion Ratio Lower Upper
117 100
82 61.1 46.6 69.8
119 30.9 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF061053.D

Acq: 17 Dec 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

P001-SS018-0006-01RE

Tot Ion:152 Resp: 42751

Ion Ratio Lower Upper

152 100

115 64.3 30.1 90.5

150 158.6 0.0 327.6

