

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061050.D
 Acq On : 17 Dec 2018 19:51
 Operator : VA/AP
 Sample : J6391-13RE
 Misc : 5.27g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS017-0612-01RE

Quant Time: Dec 18 04:02:21 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	33693	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	41020	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	24727	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	7385	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.87	65	8850	22.30	ug/l	-0.01
Spiked Amount			Recovery	=	44.60%	
35) Dibromofluoromethane	4.13	113	12984	39.90	ug/l	-0.02
Spiked Amount			Recovery	=	79.80%	
50) Toluene-d8	7.57	98	40151	41.89	ug/l	-0.02
Spiked Amount			Recovery	=	83.78%	
62) 4-Bromofluorobenzene	11.43	95	9540	21.90	ug/l	-0.01
Spiked Amount			Recovery	=	43.80%	

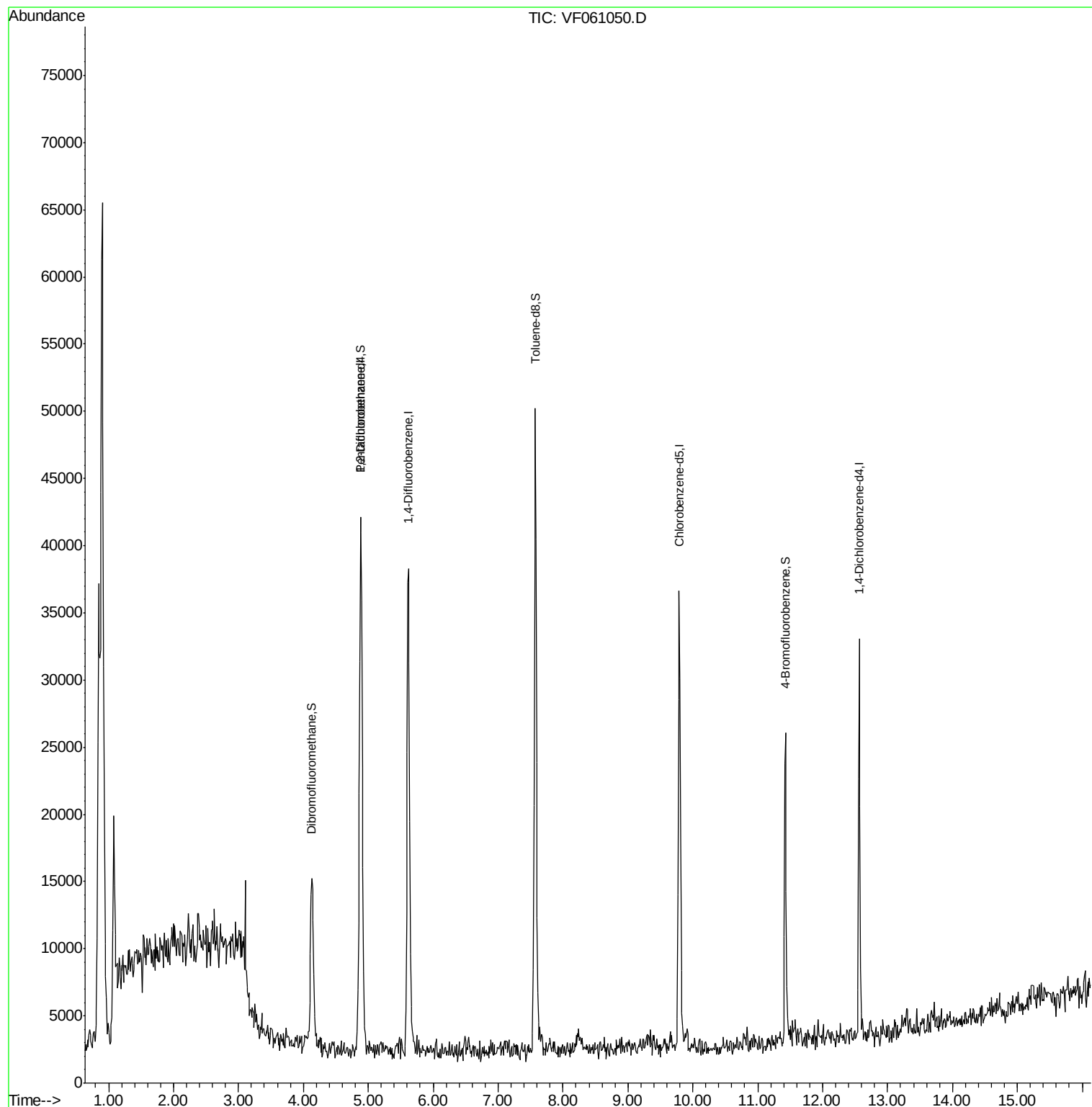
Target Compounds	Qvalue
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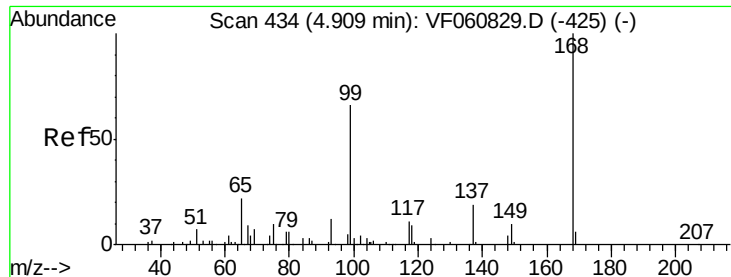
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

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ClientSampleId :

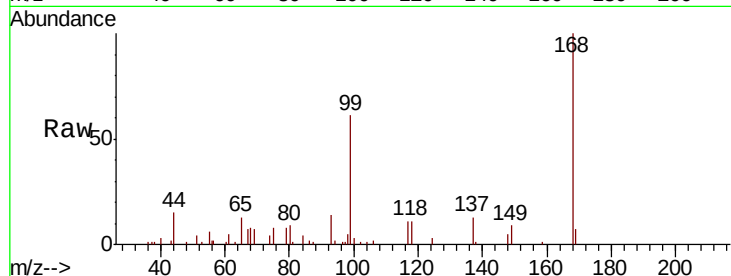
P001-SS017-0612-01RE

Tot Ion:168 Resp: 33693

Ion Ratio Lower Upper

168 100

99 61.3 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

12000

10000

8000

6000

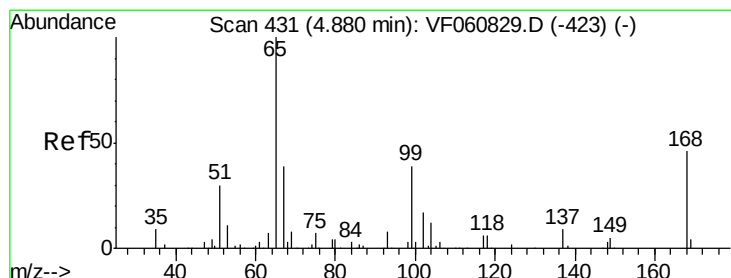
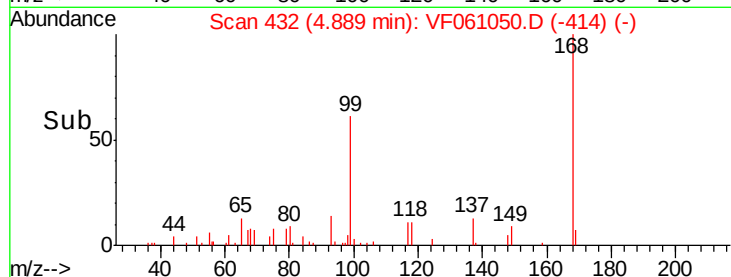
4000

2000

0

Time-->

4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 22.297 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061050.D

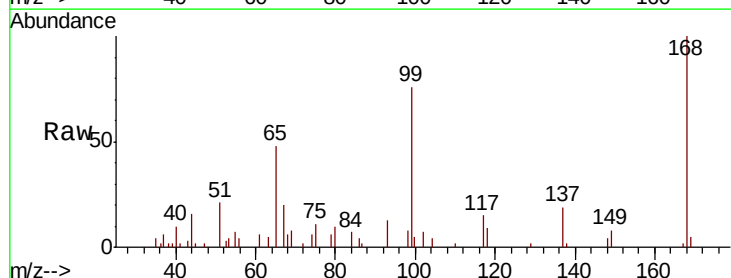
Acq: 17 Dec 2018 19:51

Tgt Ion: 65 Resp: 8850

Ion Ratio Lower Upper

65 100

67 42.5 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.87

3000

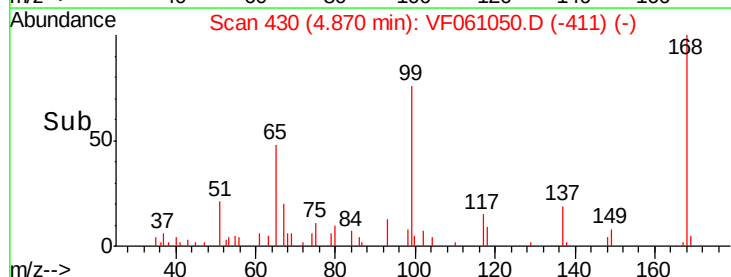
2000

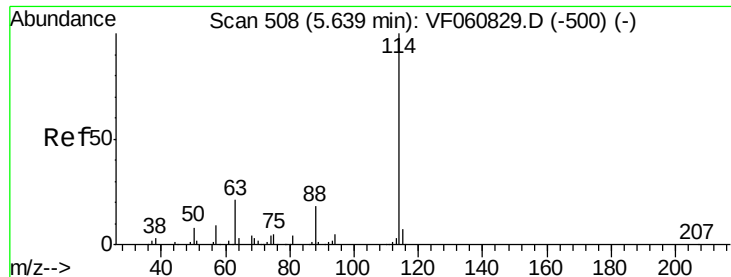
1000

0

Time-->

4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF061050.D

Acq: 17 Dec 2018 19:51

Instrument :

MSVOA_F

ClientSampleId :

P001-SS017-0612-01RE

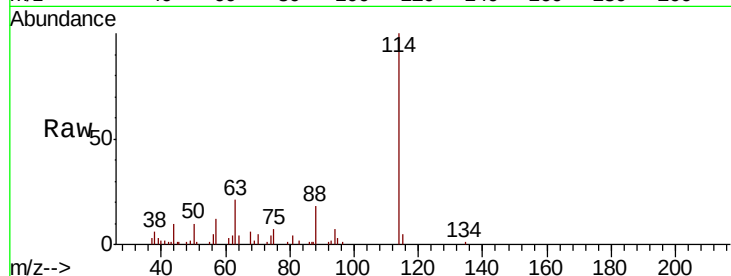
Tot Ion:114 Resp: 41020

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

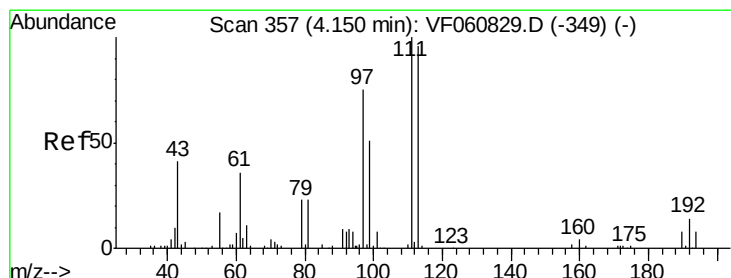
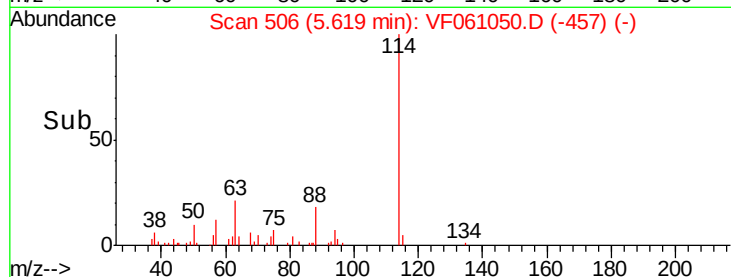
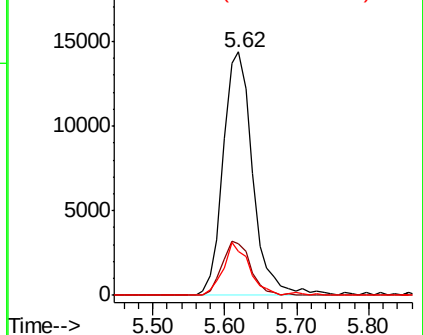
88 17.9 0.0 36.6



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: 39.899 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF061050.D

Acq: 17 Dec 2018 19:51

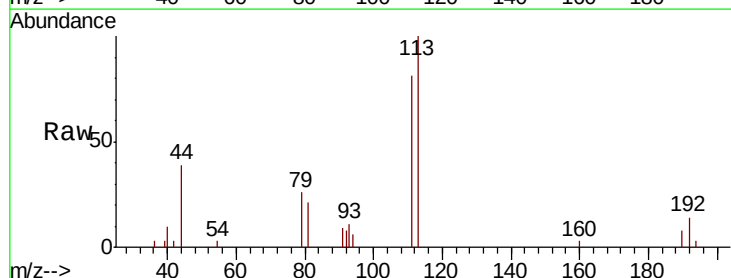
Tgt Ion:113 Resp: 12984

Ion Ratio Lower Upper

113 100

111 81.0 83.0 124.6#

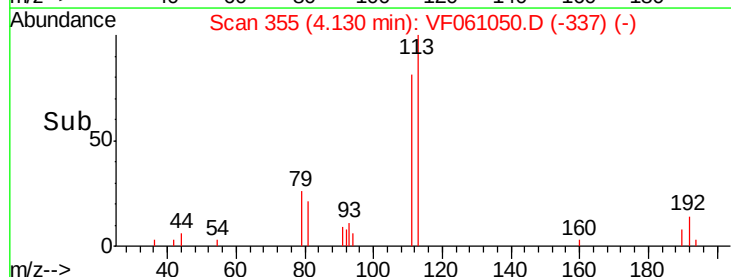
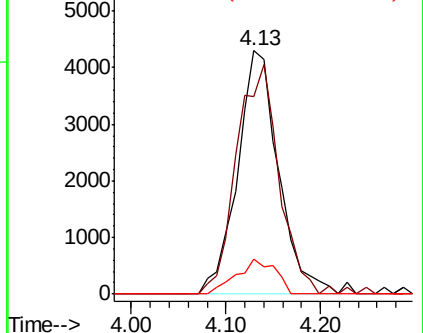
192 14.2 12.3 18.5

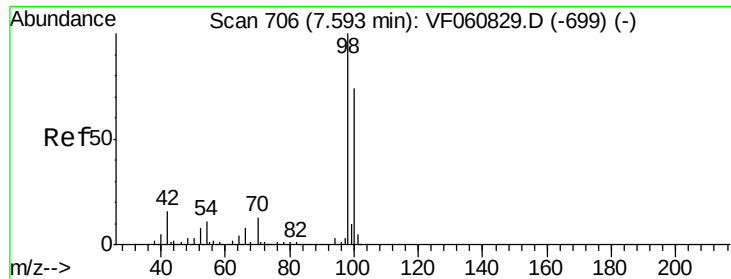


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

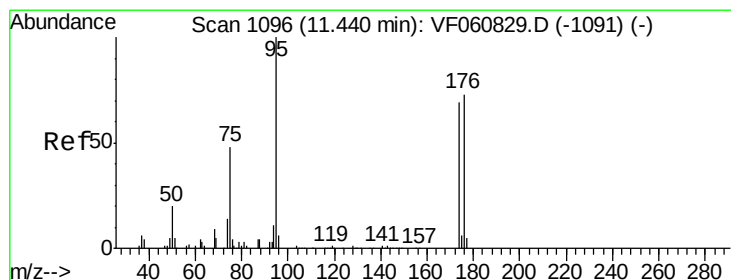
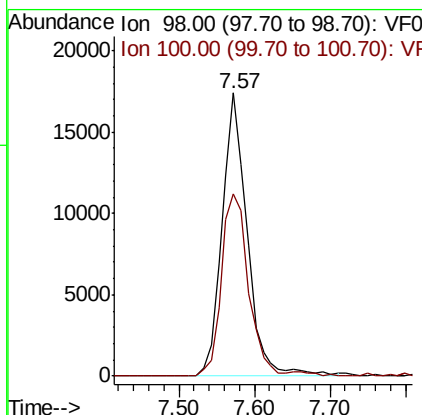
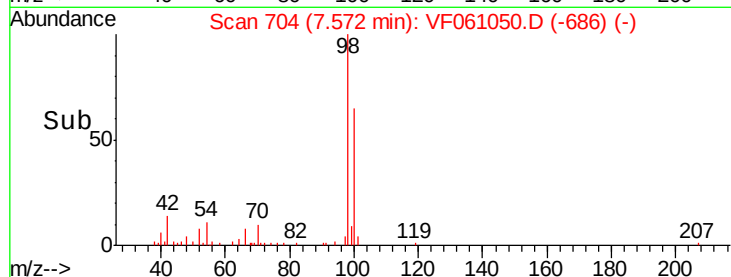
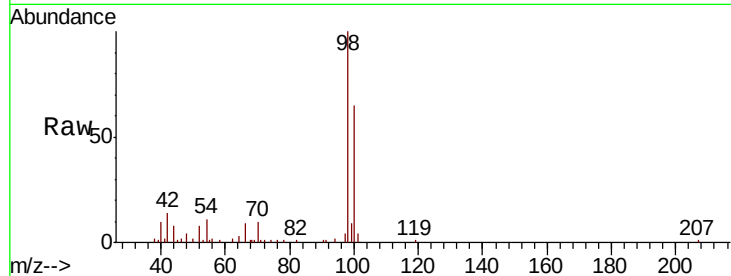




#50
Toluene-d8
Concen: 41.885 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061050.D
Acq: 17 Dec 2018 19:51

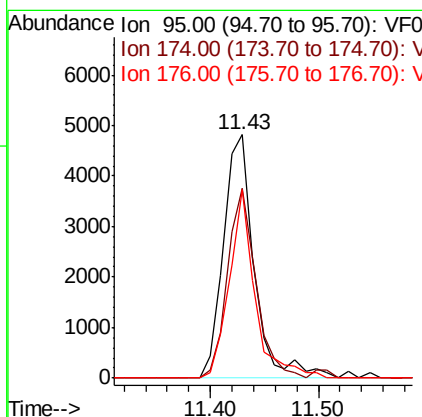
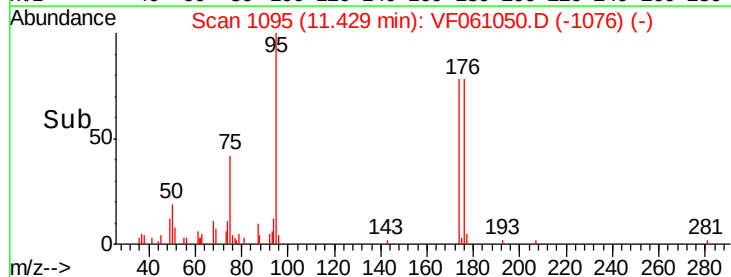
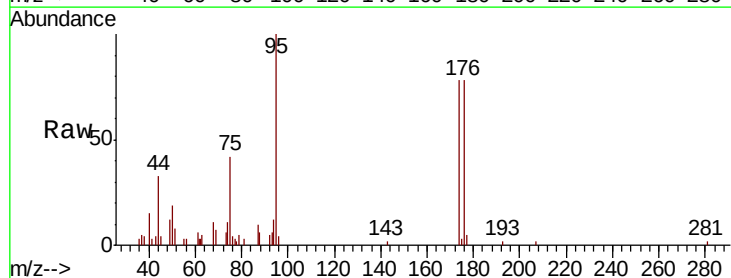
Instrument :
MSVOA_F
ClientSampleId :
P001-SS017-0612-01RE

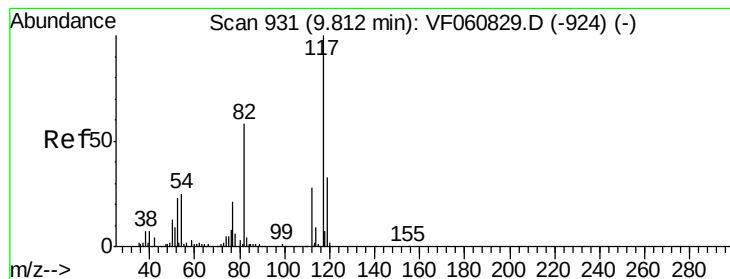
Tot Ion: 98 Resp: 40151
Ion Ratio Lower Upper
98 100
100 64.6 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 21.897 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061050.D
Acq: 17 Dec 2018 19:51

Tgt Ion: 95 Resp: 9540
Ion Ratio Lower Upper
95 100
174 78.1 0.0 138.2
176 77.6 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: VF061050.D

Acq: 17 Dec 2018 19:51

Instrument :

MSVOA_F

ClientSampleId :

P001-SS017-0612-01RE

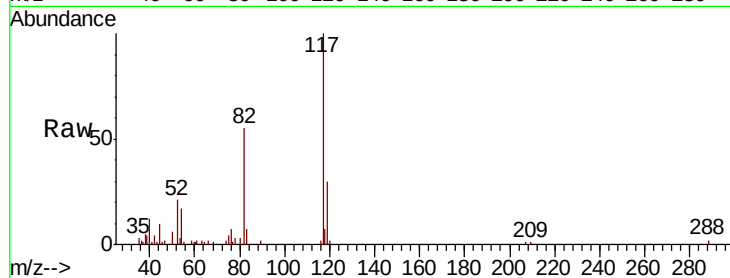
Tot Ion:117 Resp: 24727

Ion Ratio Lower Upper

117 100

82 55.0 46.6 69.8

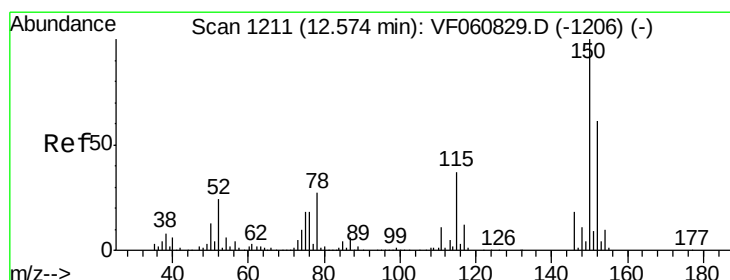
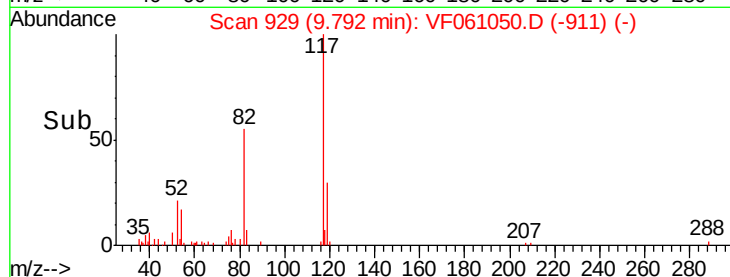
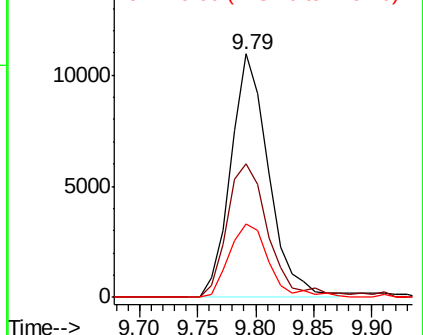
119 30.1 26.4 39.6



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: 12.56 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF061050.D

Acq: 17 Dec 2018 19:51

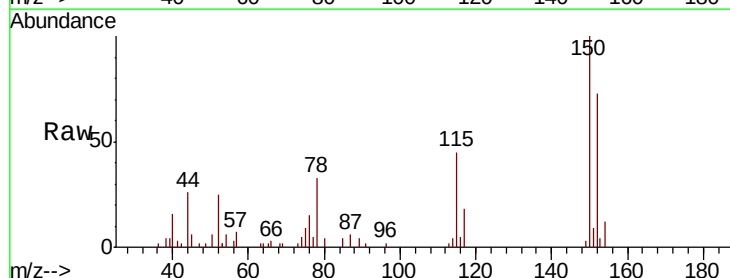
Tgt Ion:152 Resp: 7385

Ion Ratio Lower Upper

152 100

115 61.8 30.1 90.5

150 136.7 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

