

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060232.D
 Acq On : 10 Sep 2018 14:03
 Operator : VA/AP
 Sample : J4803-08
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-G6

Quant Time: Sep 11 07:37:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	181540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	242893	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	247827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	153470	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	133357	42.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.10%	
35) Dibromofluoromethane	4.30	113	104596	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
50) Toluene-d8	7.71	98	218542	36.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.60%	
62) 4-Bromofluorobenzene	11.51	95	153934	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	

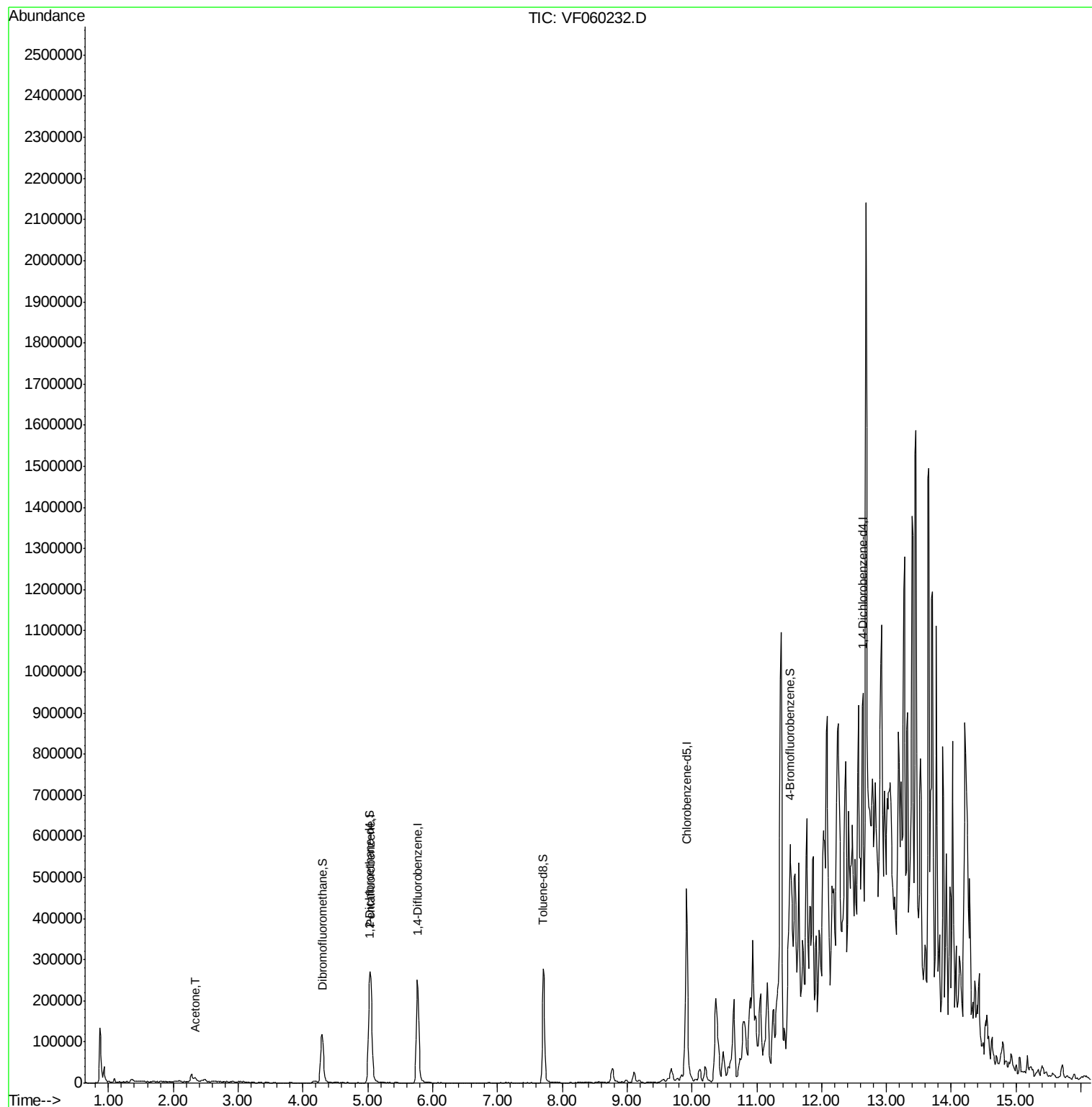
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	15693	28.40	ug/l	95

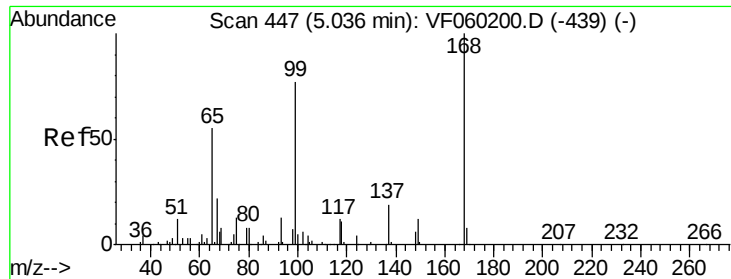
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060232.D

Acq: 10 Sep 2018 14:03

Instrument :

MSVOA_F

ClientSampleId :

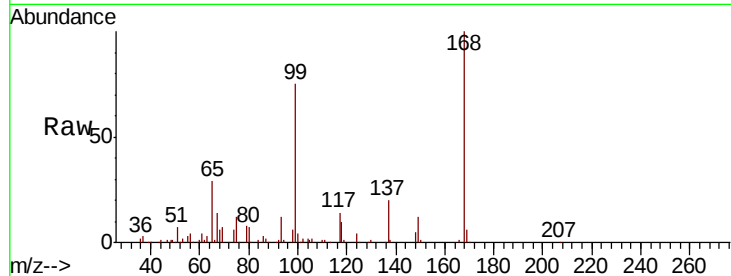
EP1-Q2-G6

Tot Ion:168 Resp: 181540

Ion Ratio Lower Upper

168 100

99 75.3 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

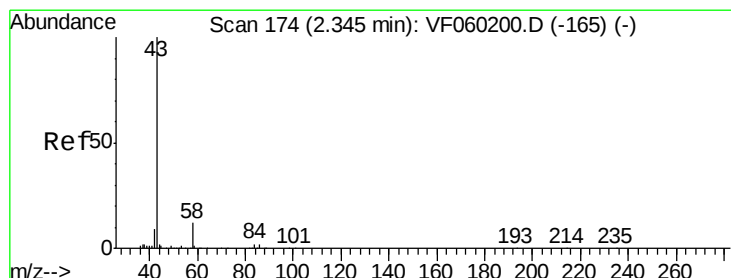
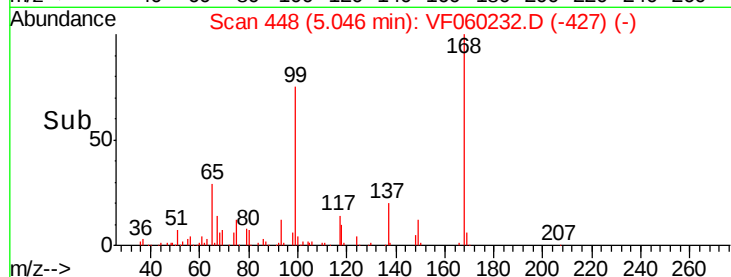
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 28.40 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060232.D

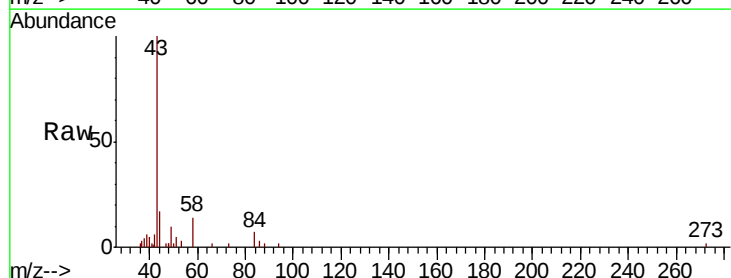
Acq: 10 Sep 2018 14:03

Tgt Ion: 43 Resp: 15693

Ion Ratio Lower Upper

43 100

58 14.0 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

6000

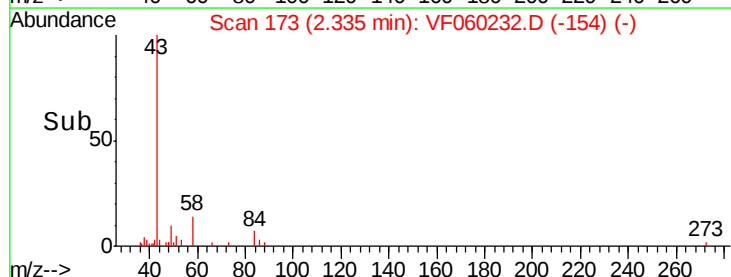
4000

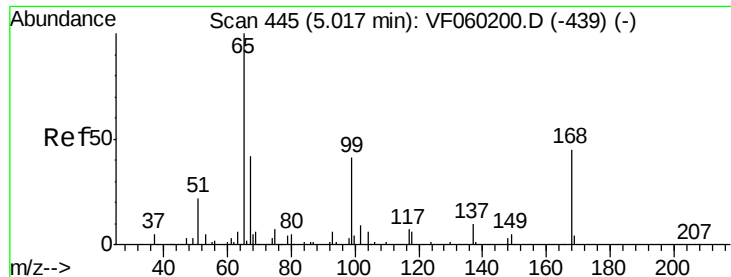
2000

0

Time-->

2.20 2.30 2.40

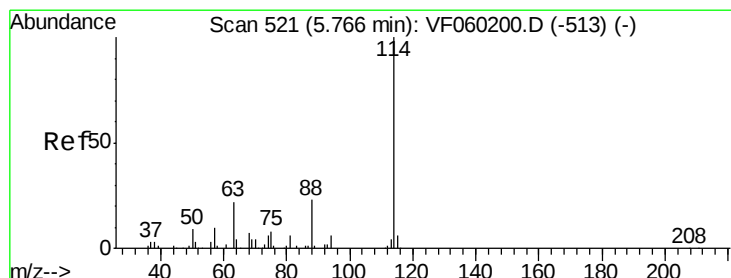
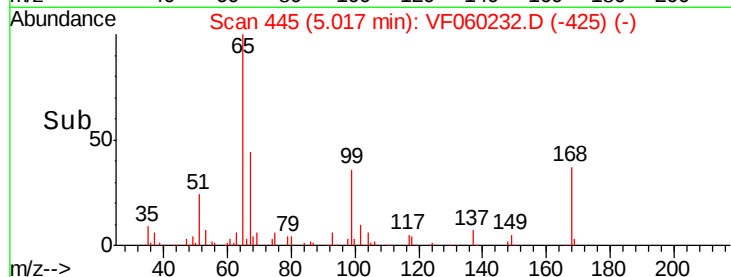
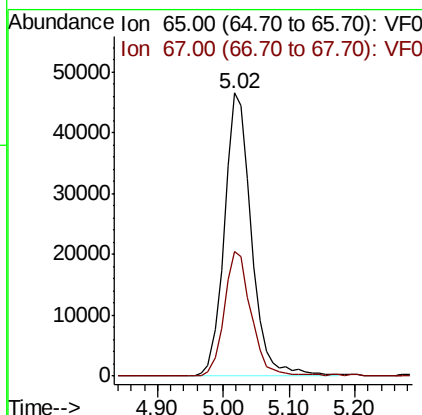
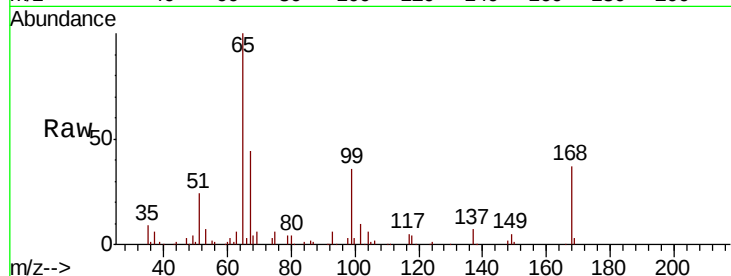




#33
 1,2-Dichloroethane-d4
 Concen: 42.05 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: VF060232.D
 Acq: 10 Sep 2018 14:03

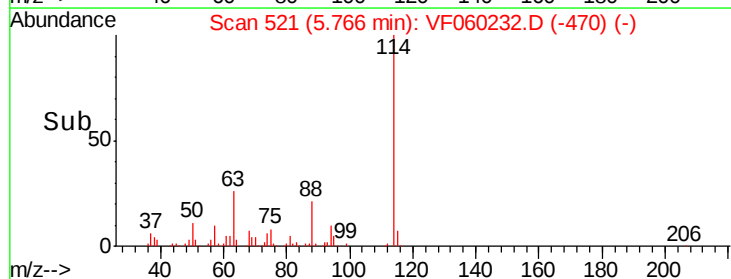
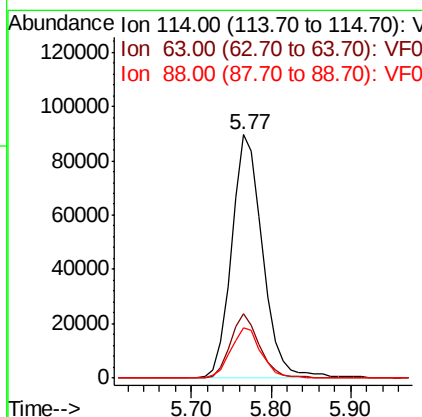
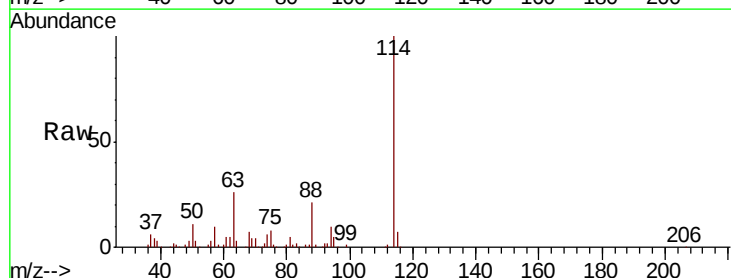
Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q2-G6

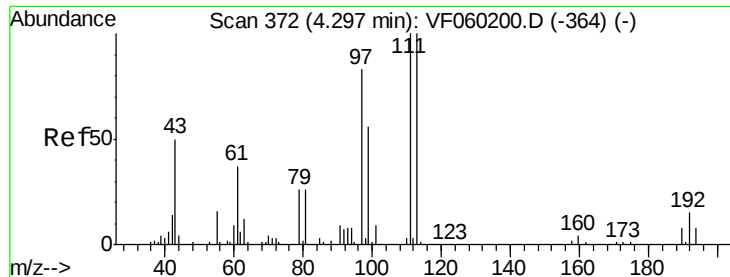
Tot Ion: 65 Resp: 133357
 Ion Ratio Lower Upper
 65 100
 67 43.9 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060232.D
 Acq: 10 Sep 2018 14:03

Tgt Ion: 114 Resp: 242893
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 45.6
 88 20.7 0.0 46.4

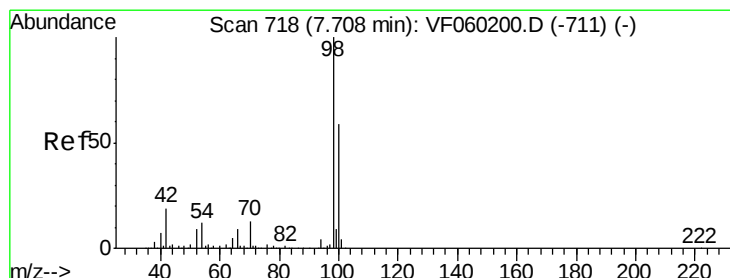
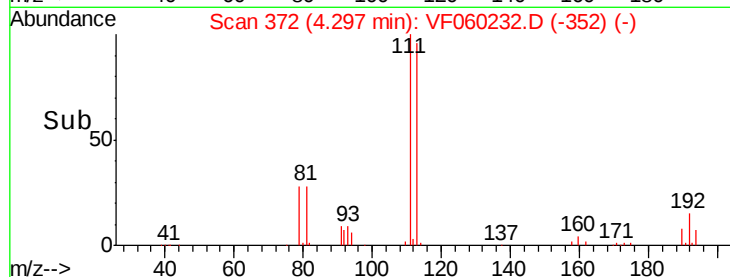
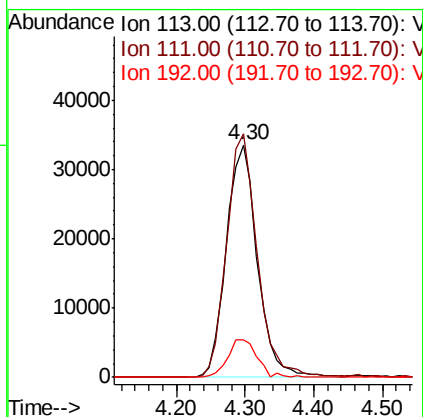
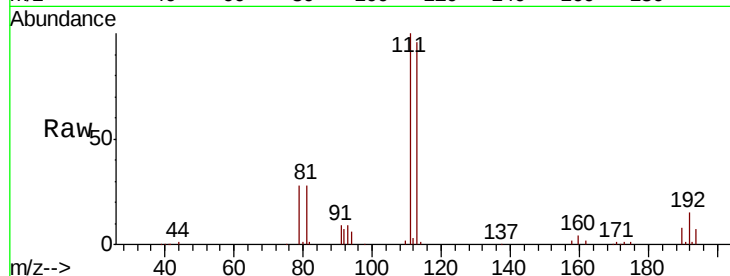




#35
 Dibromofluoromethane
 Concen: 43.95 ug/l
 RT: 4.30 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VF060232.D
 Acq: 10 Sep 2018 14:03

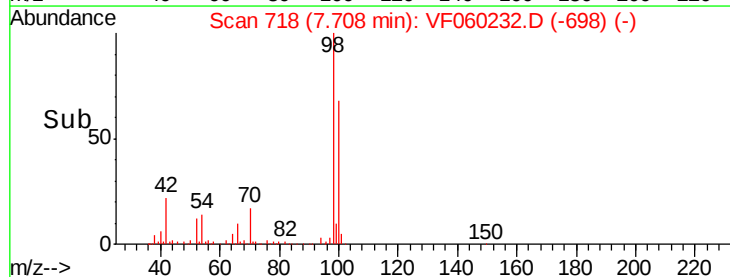
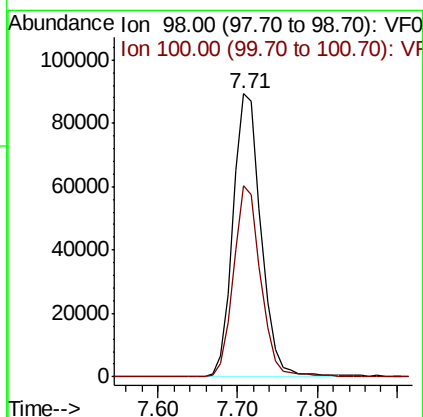
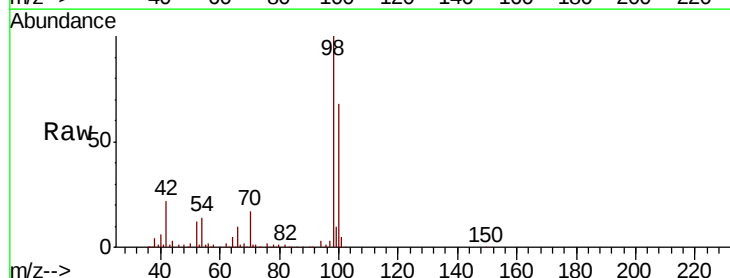
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-G6

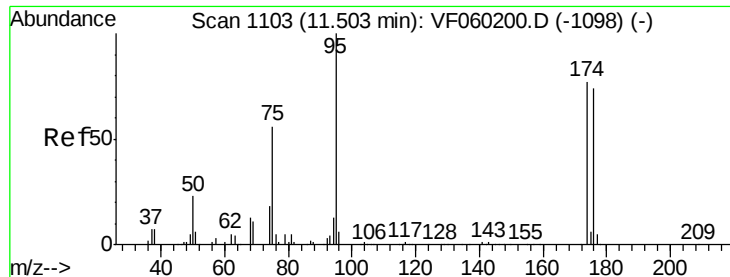
Tot Ion:113 Resp: 104596
 Ion Ratio Lower Upper
 113 100
 111 104.6 80.2 120.2
 192 15.9 11.8 17.8



#50
 Toluene-d8
 Concen: 36.80 ug/l
 RT: 7.71 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VF060232.D
 Acq: 10 Sep 2018 14:03

Tgt Ion: 98 Resp: 218542
 Ion Ratio Lower Upper
 98 100
 100 67.7 47.4 71.0





#62

4-Bromofluorobenzene

Concen: 45.94 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060232.D

Acq: 10 Sep 2018 14:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-G6

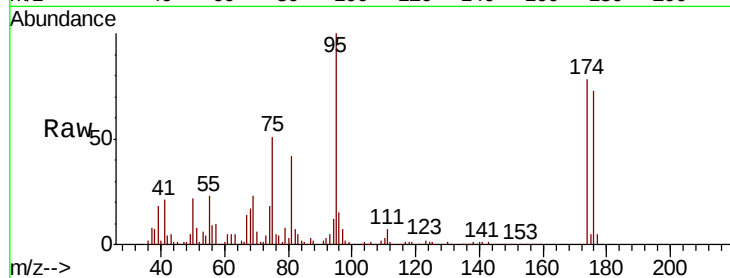
Tot Ion: 95 Resp: 153934

Ion Ratio Lower Upper

95 100

174 78.4 0.0 153.2

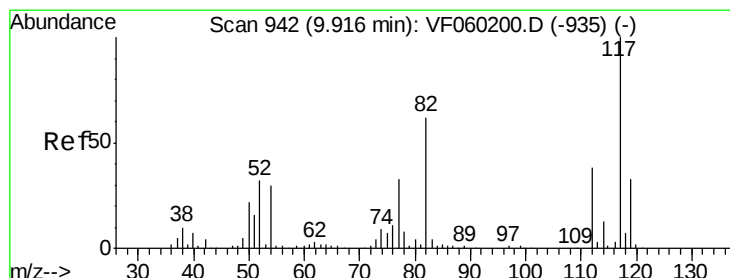
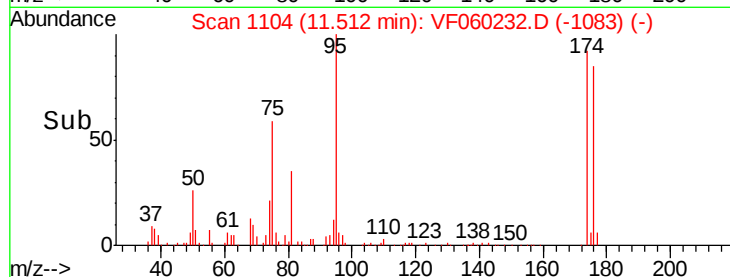
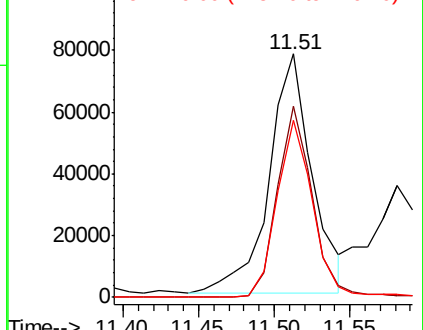
176 72.9 0.0 147.2



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: 50.00 ug/l

RT: 9.92 min Scan# 942

Delta R.T. 0.00 min

Lab File: VF060232.D

Acq: 10 Sep 2018 14:03

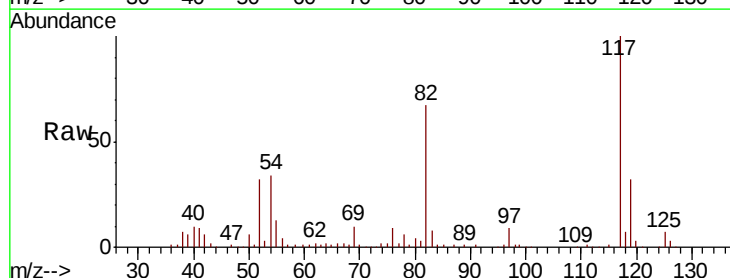
Tgt Ion: 117 Resp: 247827

Ion Ratio Lower Upper

117 100

82 67.4 49.3 73.9

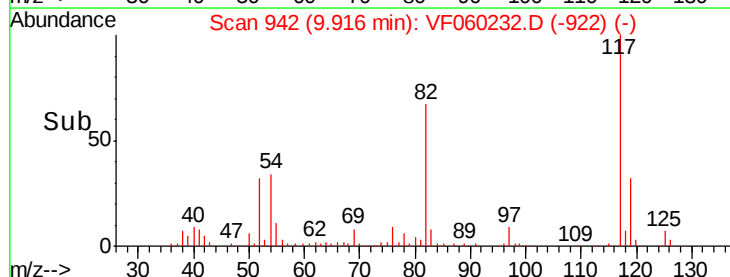
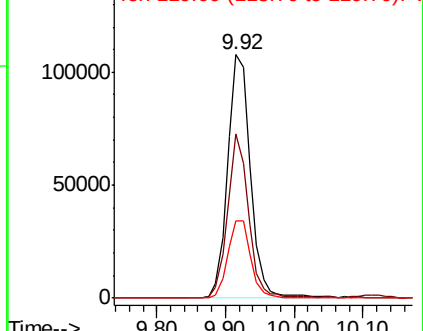
119 31.5 26.5 39.7

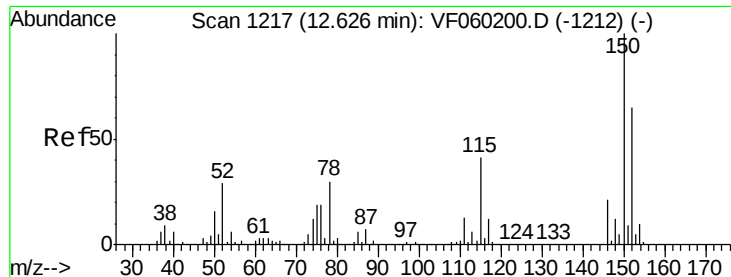


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF060232.D

Acq: 10 Sep 2018 14:03

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-G6

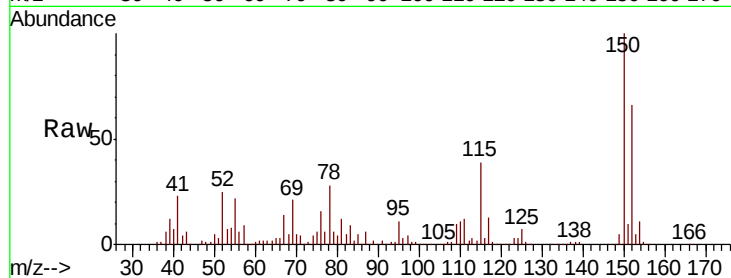
Tot Ion:152 Resp: 153470

Ion Ratio Lower Upper

152 100

115 58.8 31.5 94.5

150 150.9 0.0 310.4



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

