

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060233.D
 Acq On : 10 Sep 2018 14:30
 Operator : VA/AP
 Sample : J4803-09
 Misc : 5.09/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-G7

Quant Time: Sep 11 07:42:03 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

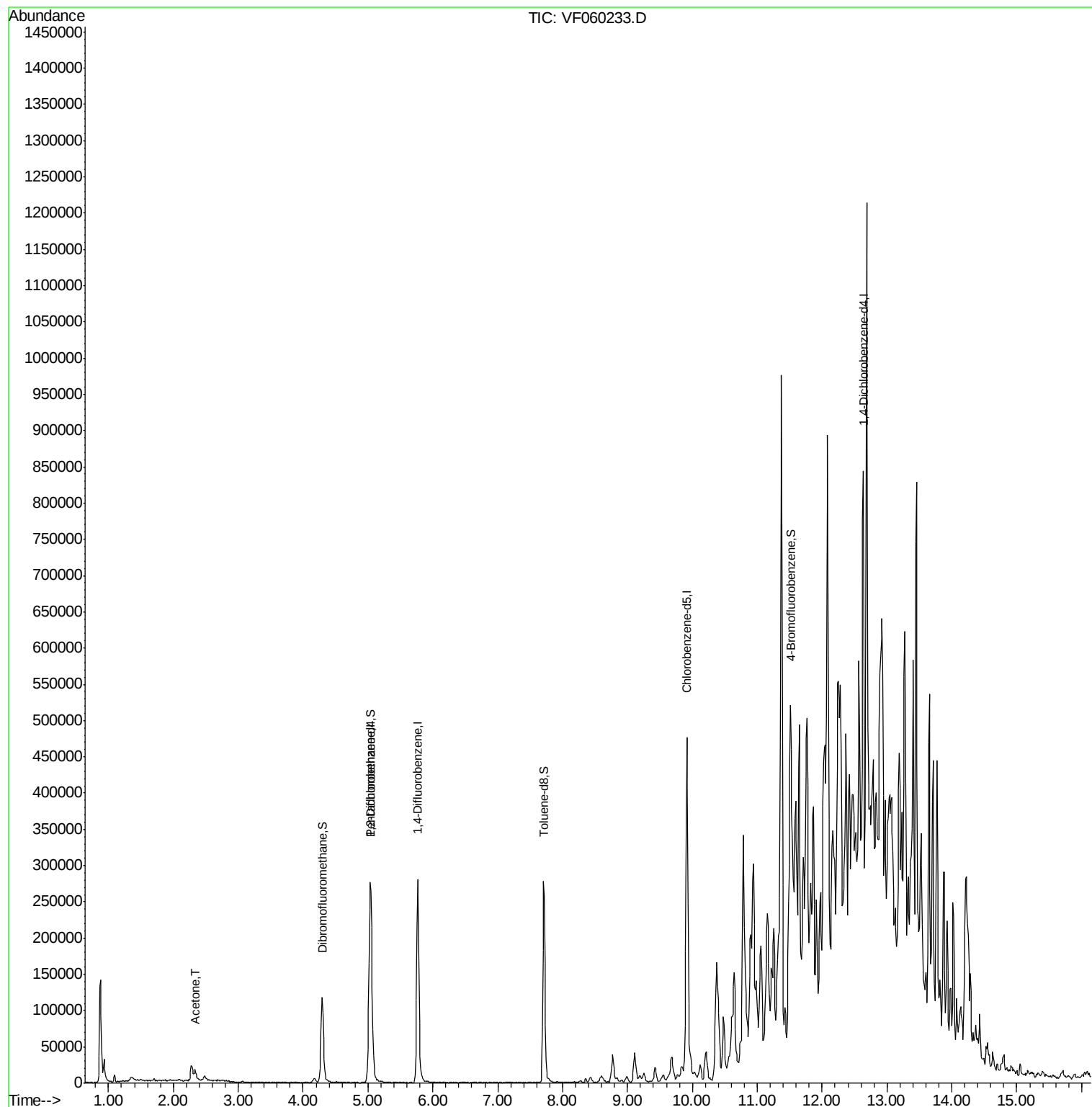
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	196003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	269092	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	254119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	161609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	128496	37.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.06%	
35) Dibromofluoromethane	4.29	113	107682	40.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.70%	
50) Toluene-d8	7.71	98	219777	33.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.82%	
62) 4-Bromofluorobenzene	11.51	95	152658	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
16) Acetone	2.33	43	19440	30.76	ug/l	Qvalue # 89

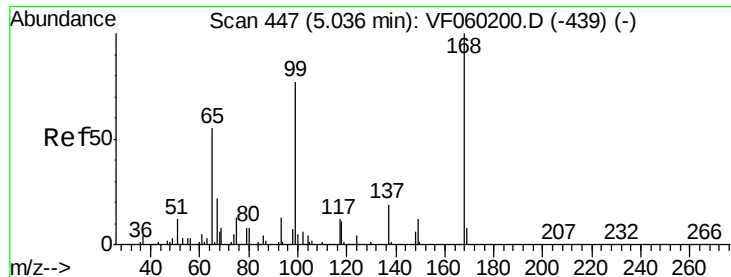
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060233.D

Acq: 10 Sep 2018 14:30

Instrument :

MSVOA_F

ClientSampleId :

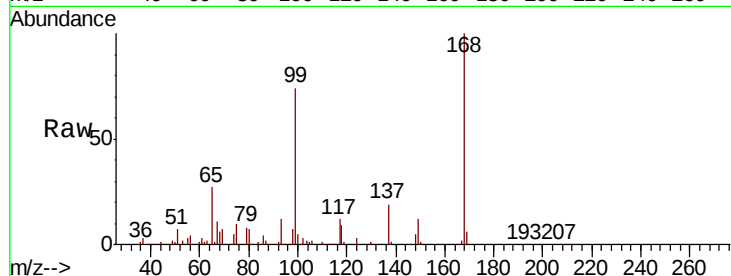
EP1-Q2-G7

Tot Ion:168 Resp: 196003

Ion Ratio Lower Upper

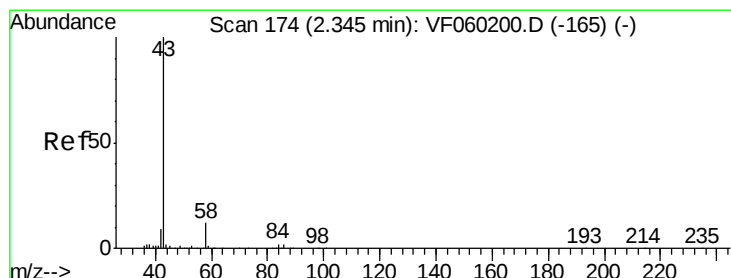
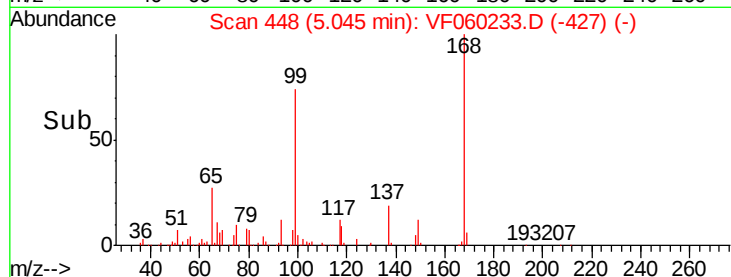
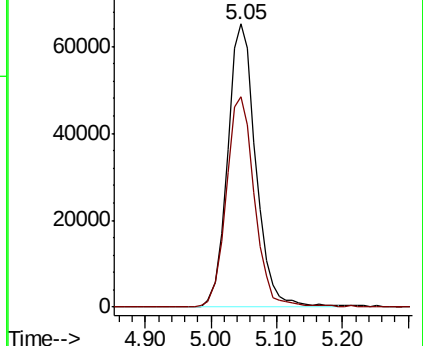
168 100

99 74.3 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 30.76 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060233.D

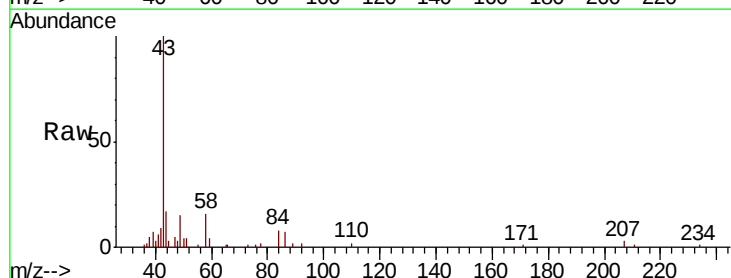
Acq: 10 Sep 2018 14:30

Tgt Ion: 43 Resp: 19440

Ion Ratio Lower Upper

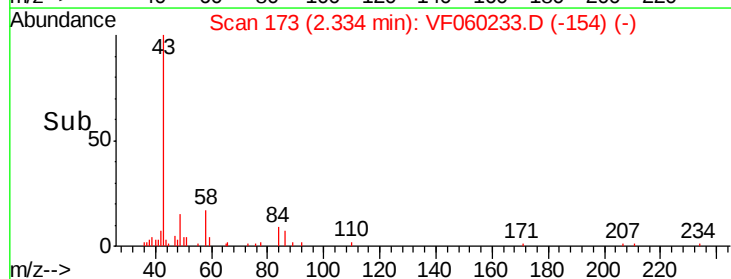
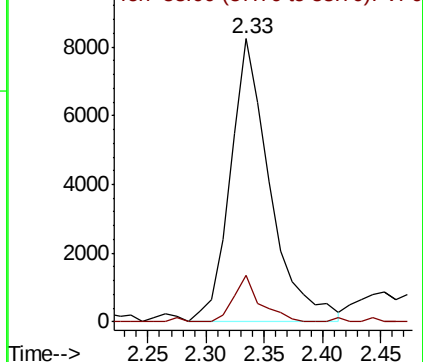
43 100

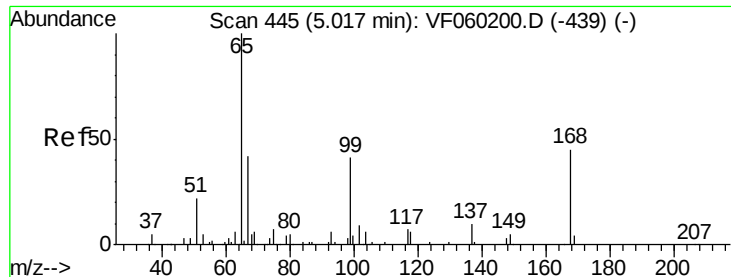
58 16.3 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

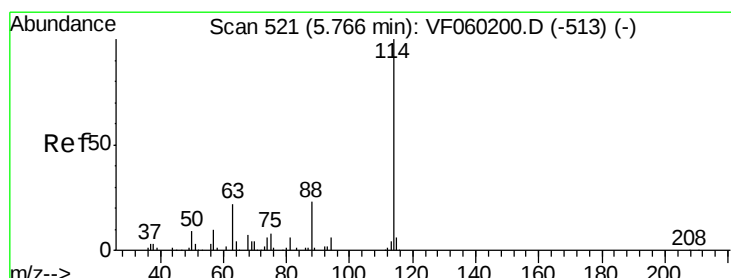
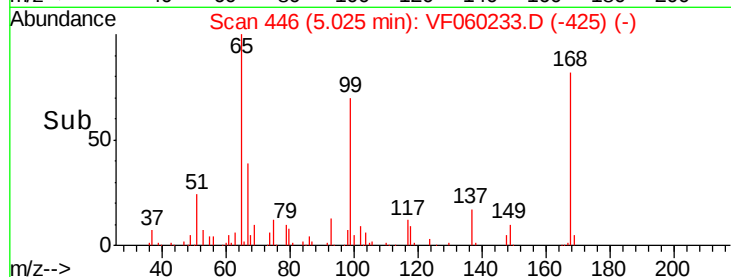
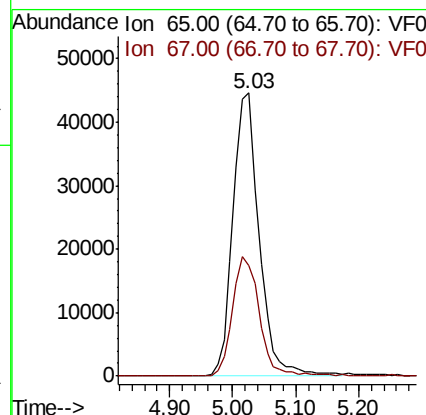
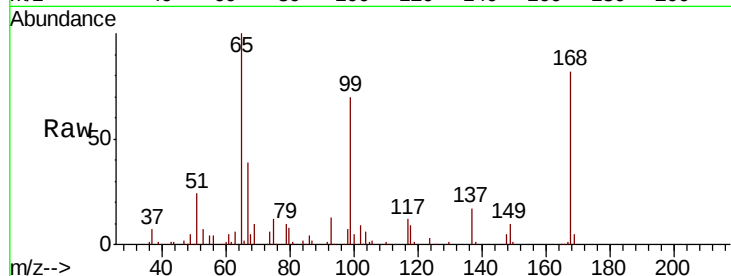




#33
 1,2-Dichloroethane-d4
 Concen: 37.53 ug/l
 RT: 5.03 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VF060233.D
 Acq: 10 Sep 2018 14:30

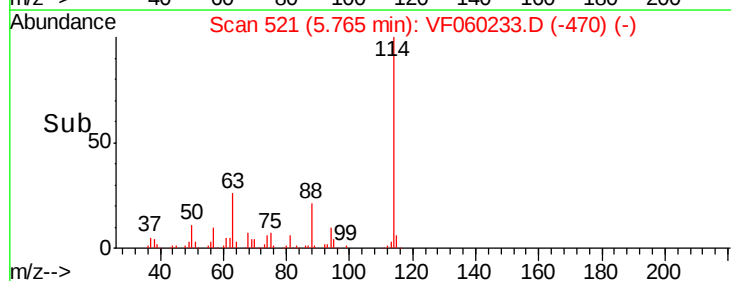
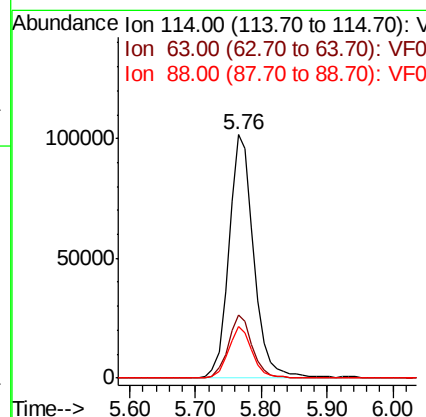
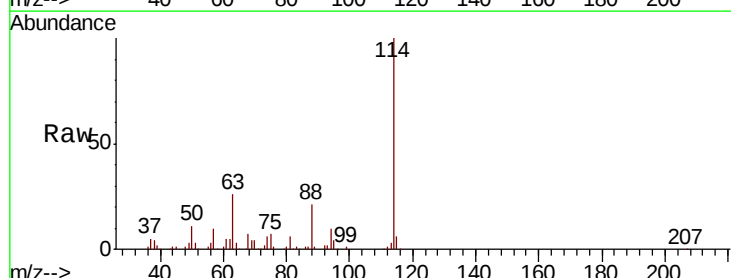
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-G7

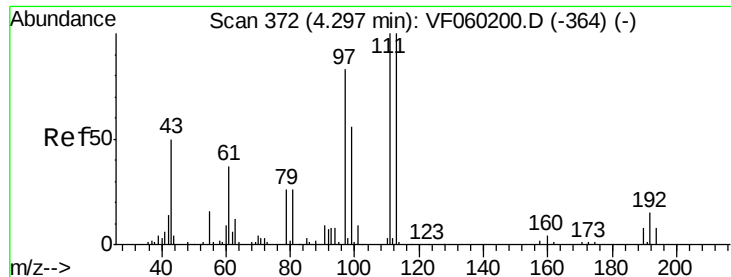
Tot Ion: 65 Resp: 128496
 Ion Ratio Lower Upper
 65 100
 67 38.9 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: VF060233.D
 Acq: 10 Sep 2018 14:30

Tgt Ion: 114 Resp: 269092
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 45.6
 88 20.9 0.0 46.4

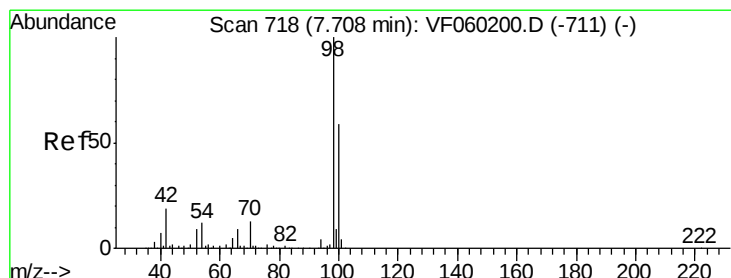
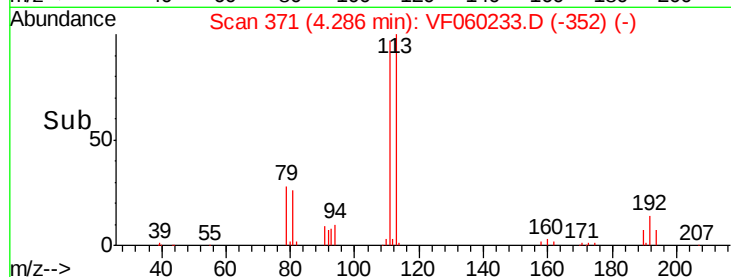
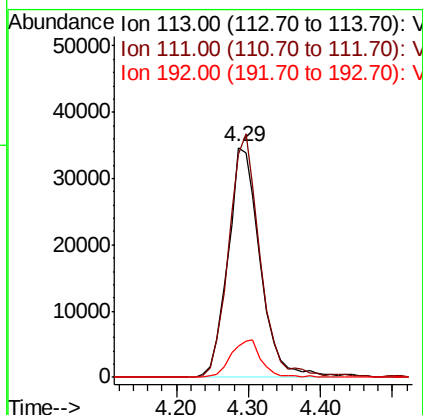
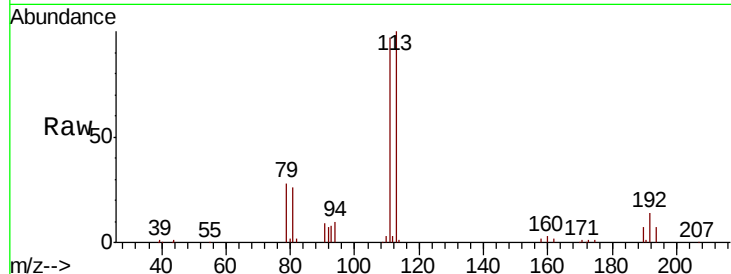




#35
 Dibromofluoromethane
 Concen: 40.85 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060233.D
 Acq: 10 Sep 2018 14:30

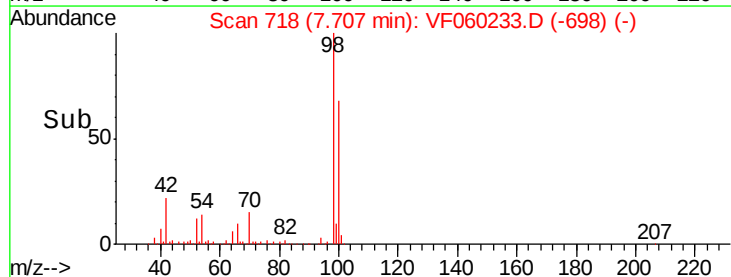
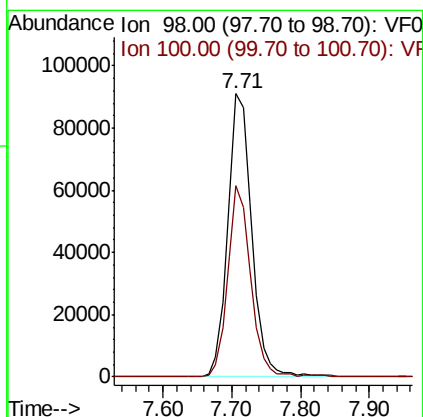
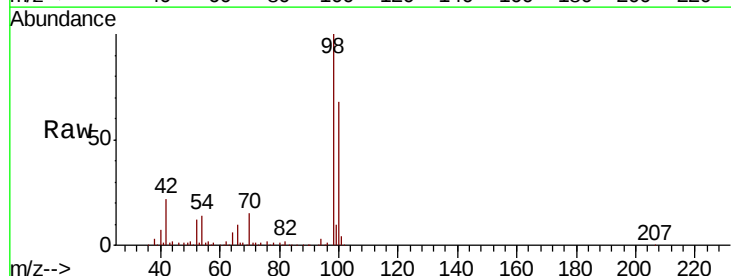
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-G7

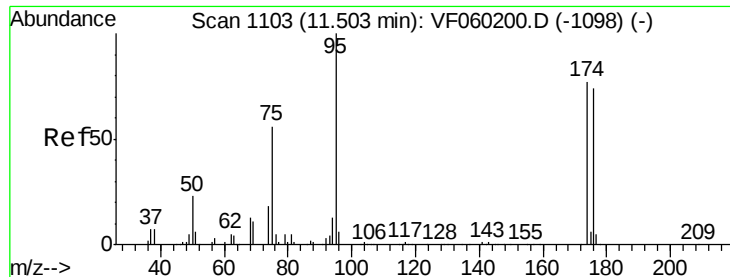
Tot Ion	Ratio	Lower	Upper
113	100		
111	97.2	80.2	120.2
192	13.6	11.8	17.8



#50
 Toluene-d8
 Concen: 33.41 ug/l
 RT: 7.71 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VF060233.D
 Acq: 10 Sep 2018 14:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	47.4	71.0





#62

4-Bromofluorobenzene

Concen: 41.13 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060233.D

Acq: 10 Sep 2018 14:30

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-G7

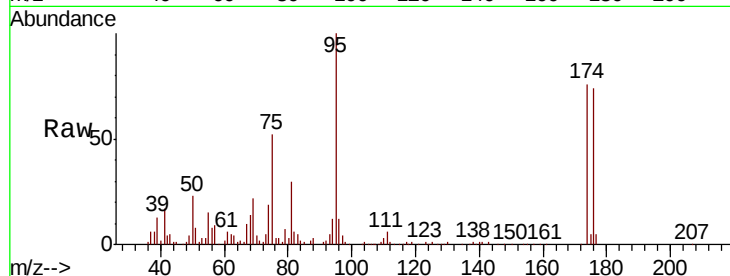
Tot Ion: 95 Resp: 152658

Ion Ratio Lower Upper

95 100

174 75.9 0.0 153.2

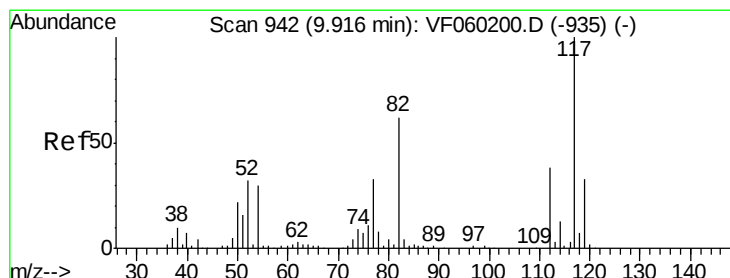
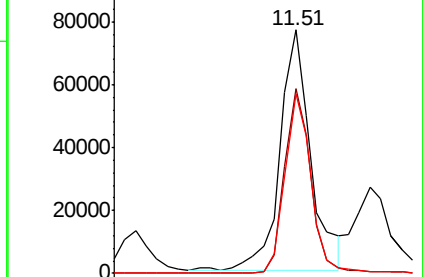
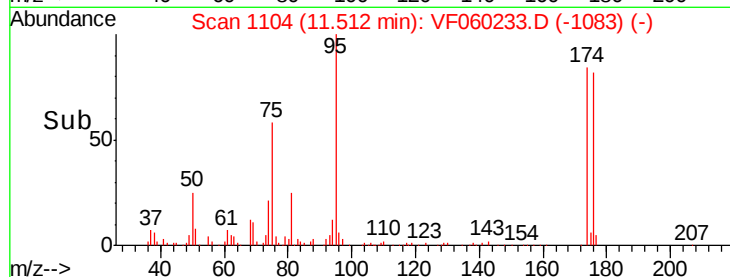
176 74.0 0.0 147.2



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: 9.91 min Scan# 942

Delta R.T. -0.00 min

Lab File: VF060233.D

Acq: 10 Sep 2018 14:30

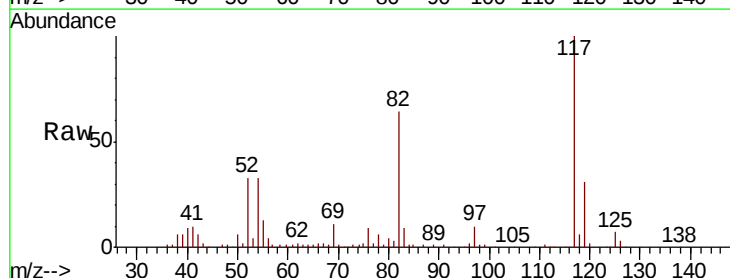
Tgt Ion: 117 Resp: 254119

Ion Ratio Lower Upper

117 100

82 64.3 49.3 73.9

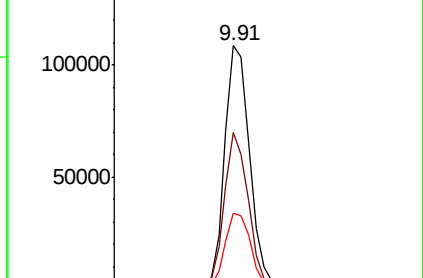
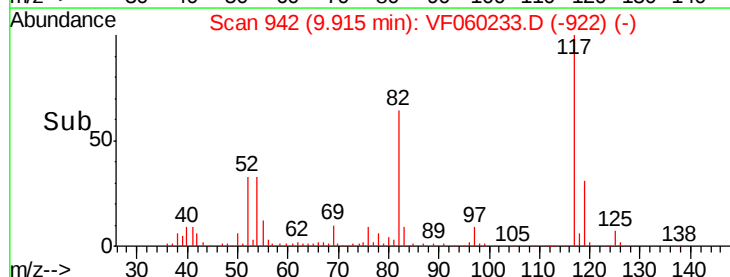
119 31.4 26.5 39.7

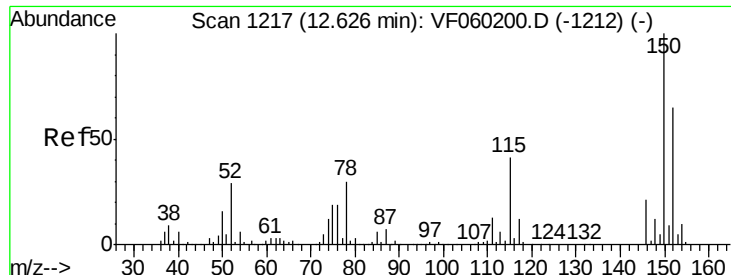


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

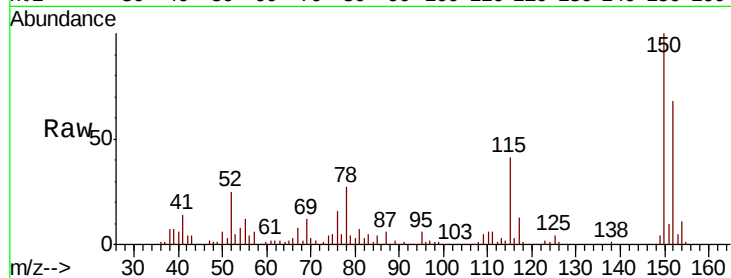




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.64 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF060233.D
 Acq: 10 Sep 2018 14:30

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-G7

Tot Ion:152 Resp: 161609
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.5 94.5
 150 147.0 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

