

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060214.D
 Acq On : 7 Sep 2018 16:58
 Operator : VA/AP
 Sample : J4693-22
 Misc : 5.52g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-H(15-20)

Quant Time: Sep 08 00:10:22 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

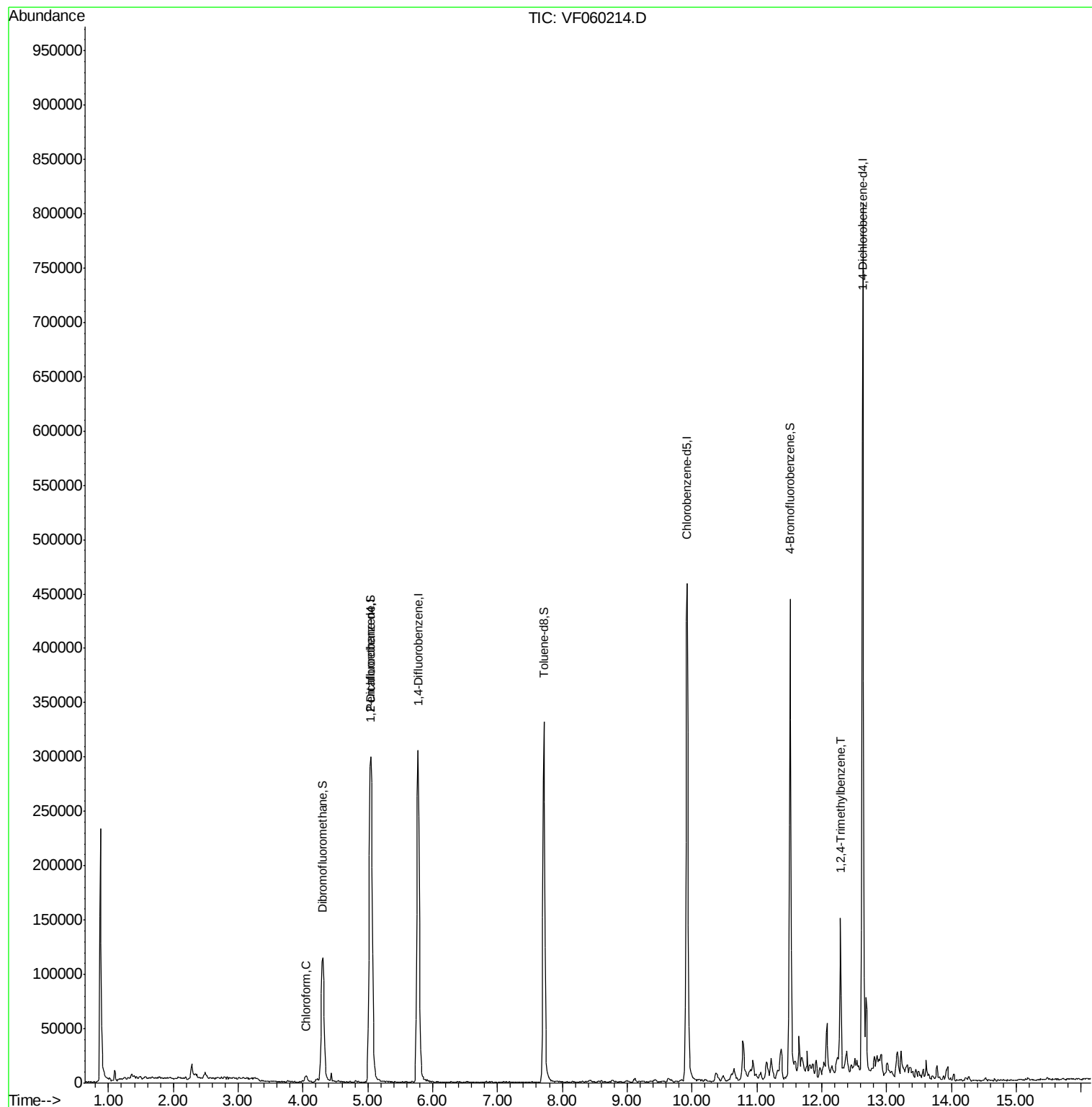
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	205122	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	288745	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	302566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	187751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	131271	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	
35) Dibromofluoromethane	4.31	113	101771	35.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.96%	
50) Toluene-d8	7.72	98	253565	35.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.84%	
62) 4-Bromofluorobenzene	11.51	95	142485	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.54%	
Target Compounds						
30) Chloroform	4.04	83	7264	1.38	ug/l	91
84) 1,2,4-Trimethylbenzene	12.29	105	53869	4.64	ug/l	99

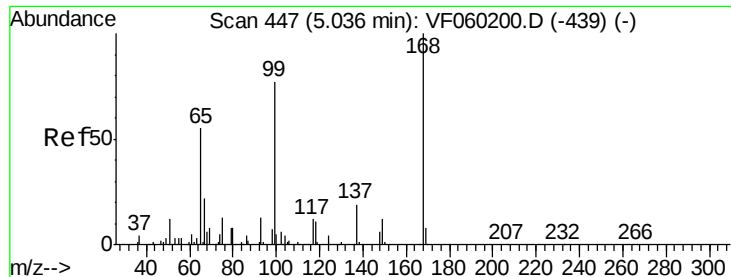
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 449

Delta R.T. 0.02 min

Lab File: VF060214.D

Acq: 7 Sep 2018 16:58

Instrument :

MSVOA_F

ClientSampleId :

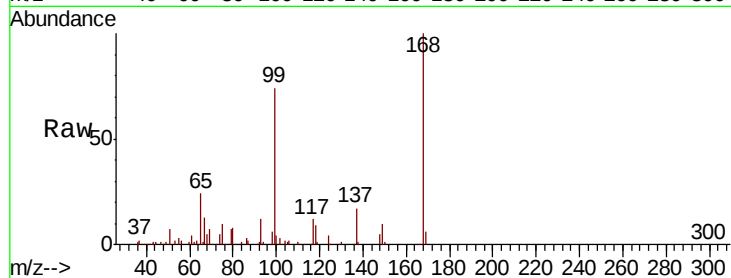
EP1-MW-H(15-20)

Tot Ion:168 Resp: 205122

Ion Ratio Lower Upper

168 100

99 74.1 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

80000

60000

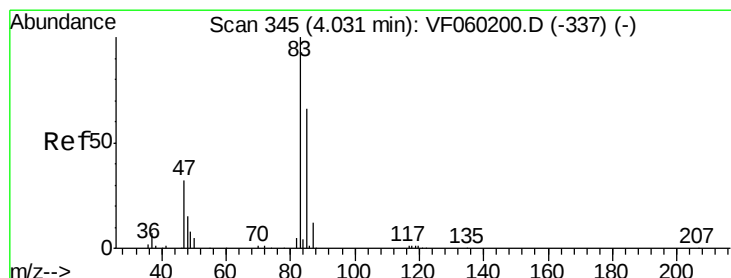
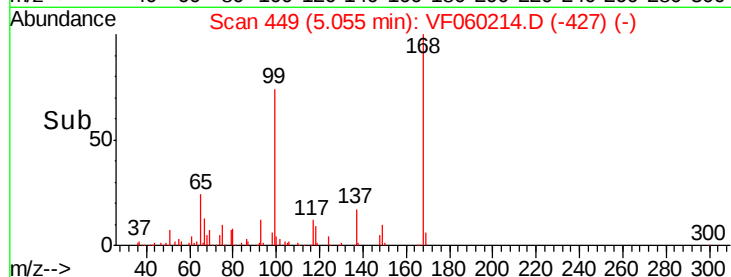
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#30

Chloroform

Concen: 1.38 ug/l

RT: 4.04 min Scan# 346

Delta R.T. 0.01 min

Lab File: VF060214.D

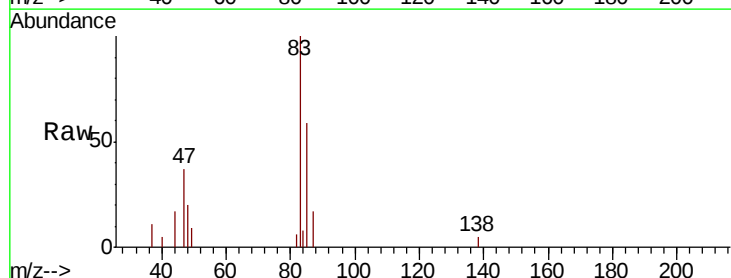
Acq: 7 Sep 2018 16:58

Tgt Ion: 83 Resp: 7264

Ion Ratio Lower Upper

83 100

85 58.6 52.6 79.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

2500

2000

1500

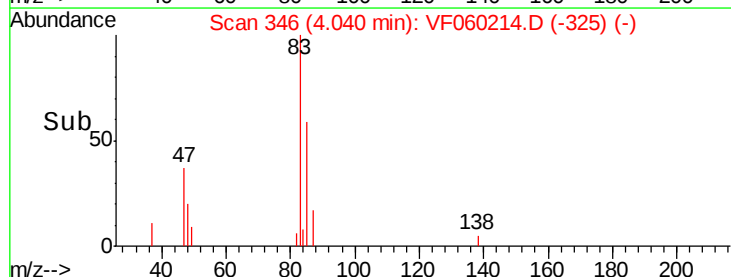
1000

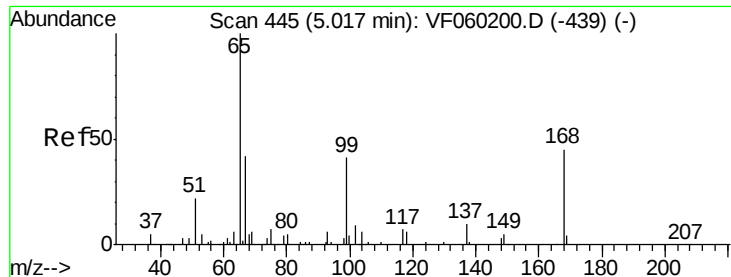
500

0

Time-->

4.00 4.10





#33

1,2-Dichloroethane-d4

Concen: 36.63 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.01 min

Lab File: VF060214.D

Acq: 7 Sep 2018 16:58

Instrument :

MSVOA_F

ClientSampleId :

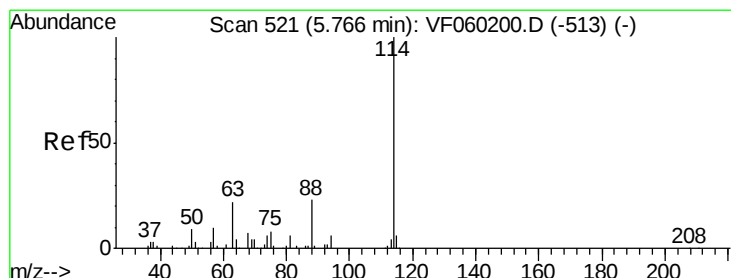
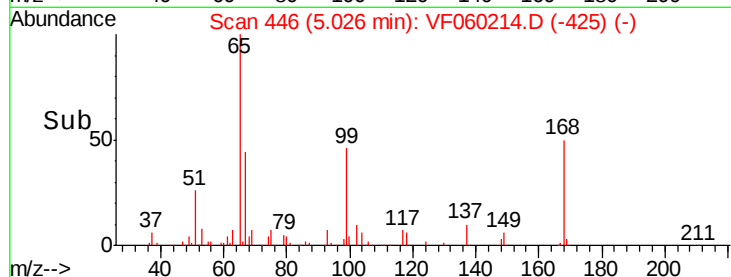
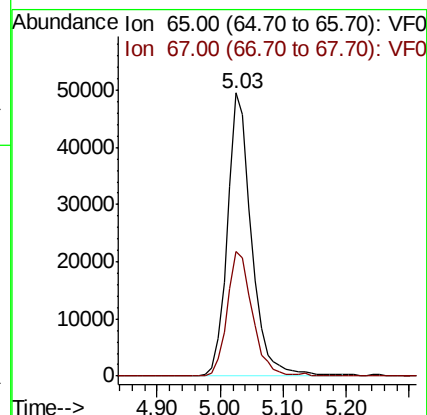
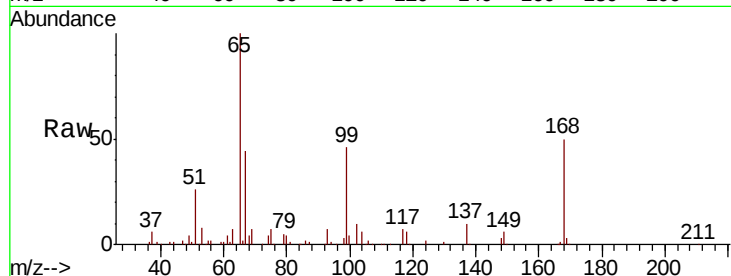
EP1-MW-H(15-20)

Tot Ion: 65 Resp: 131271

Ion Ratio Lower Upper

65 100

67 44.1 0.0 87.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 522

Delta R.T. 0.01 min

Lab File: VF060214.D

Acq: 7 Sep 2018 16:58

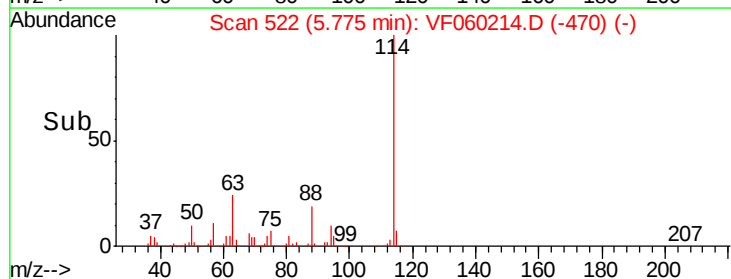
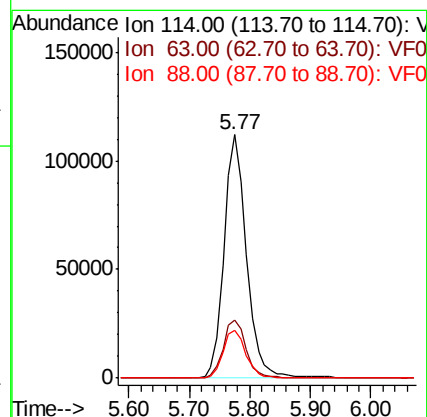
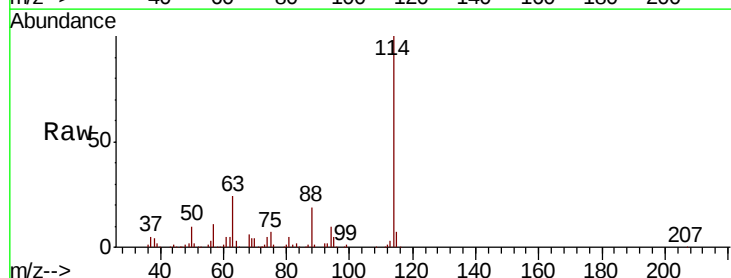
Tgt Ion: 114 Resp: 288745

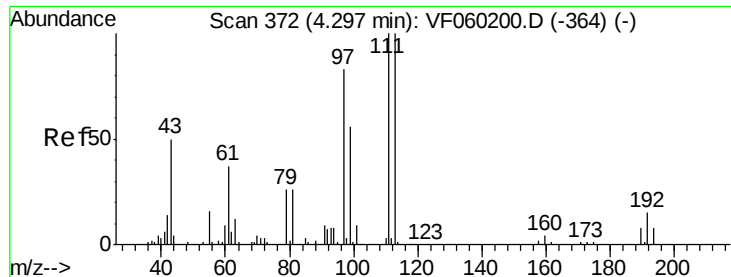
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.6

88 19.5 0.0 46.4





#35

Dibromofluoromethane

Concen: 35.98 ug/l

RT: 4.31 min Scan# 373

Delta R.T. 0.01 min

Lab File: VF060214.D

Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

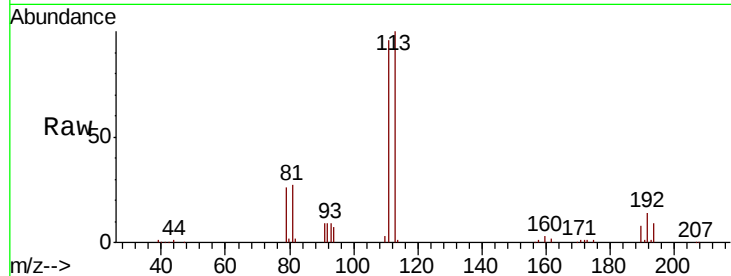
Tot Ion:113 Resp: 101771

Ion Ratio Lower Upper

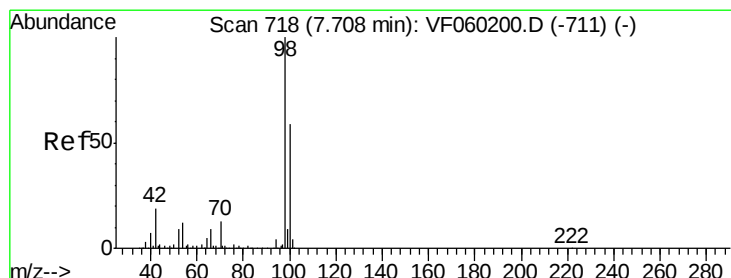
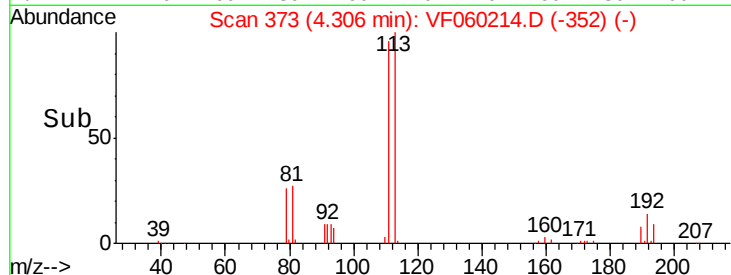
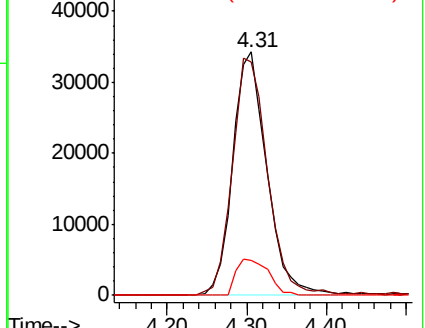
113 100

111 95.0 80.2 120.2

192 14.1 11.8 17.8



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: 35.92 ug/l

RT: 7.72 min Scan# 719

Delta R.T. 0.01 min

Lab File: VF060214.D

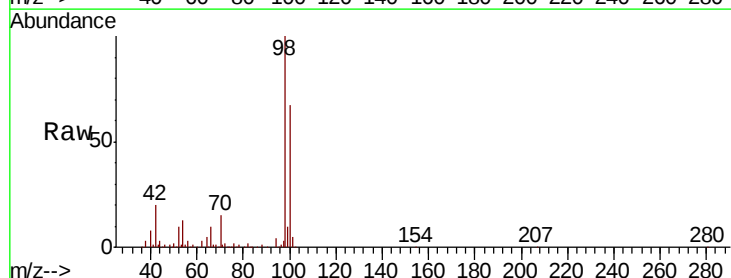
Acq: 7 Sep 2018 16:58

Tgt Ion: 98 Resp: 253565

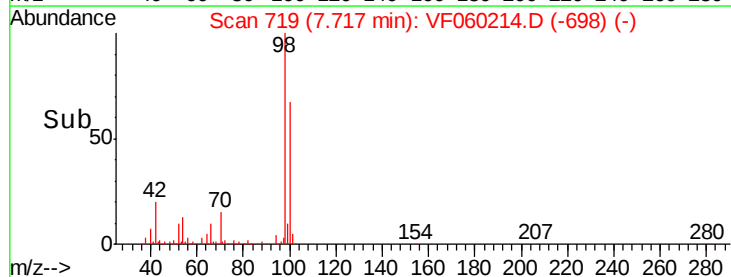
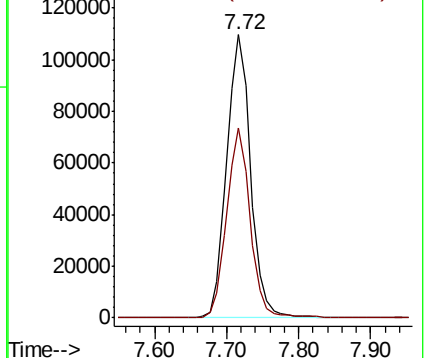
Ion Ratio Lower Upper

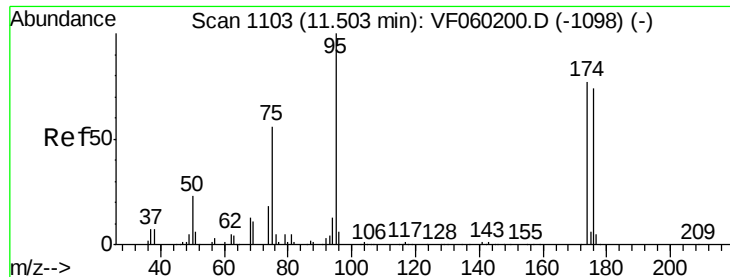
98 100

100 67.2 47.4 71.0



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

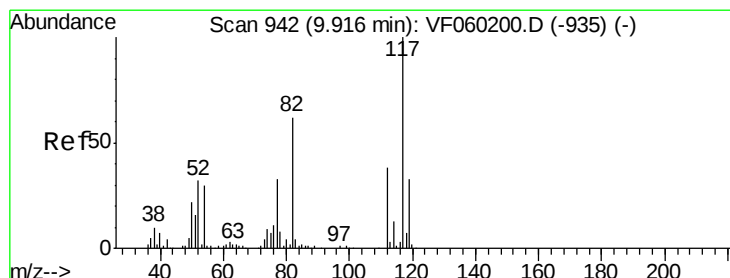
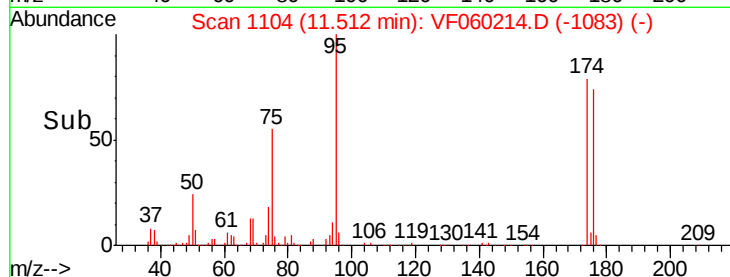
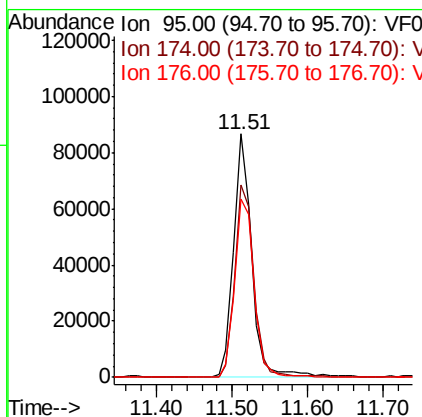
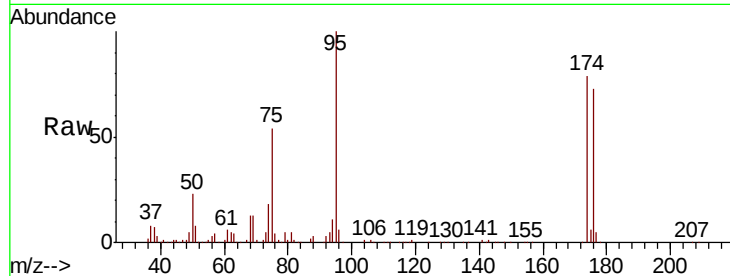




#62
4-Bromofluorobenzene
Concen: 35.77 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

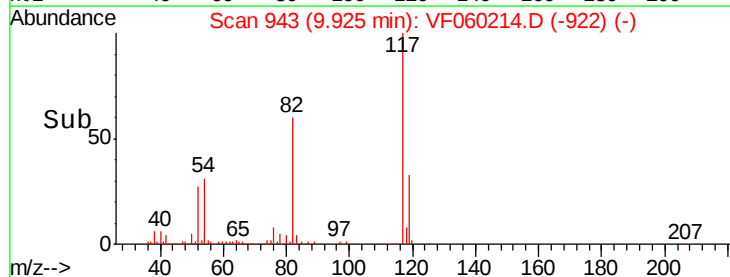
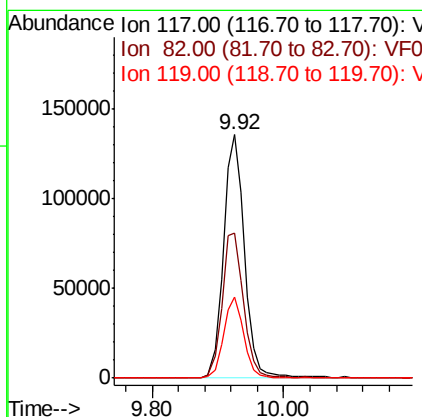
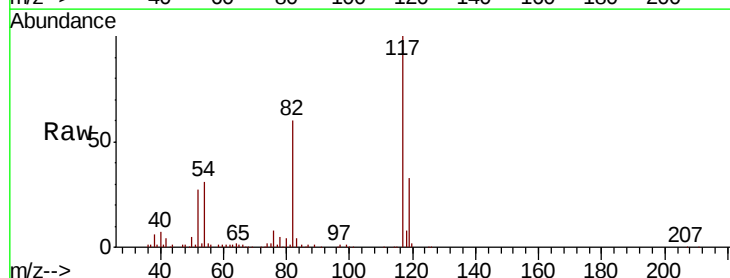
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

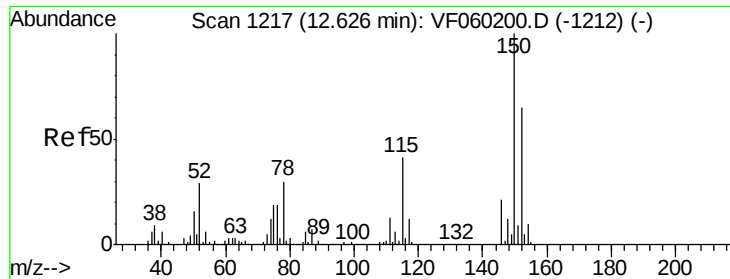
Tot Ion: 95 Resp: 142485
Ion Ratio Lower Upper
95 100
174 78.9 0.0 153.2
176 73.2 0.0 147.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 117 Resp: 302566
Ion Ratio Lower Upper
117 100
82 59.6 49.3 73.9
119 33.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF060214.D

Acq: 7 Sep 2018 16:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-H(15-20)

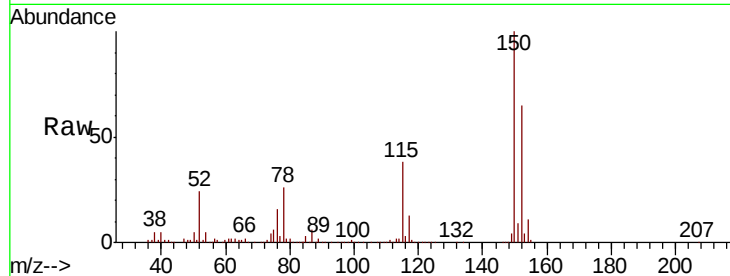
Tot Ion:152 Resp: 187751

Ion Ratio Lower Upper

152 100

115 58.4 31.5 94.5

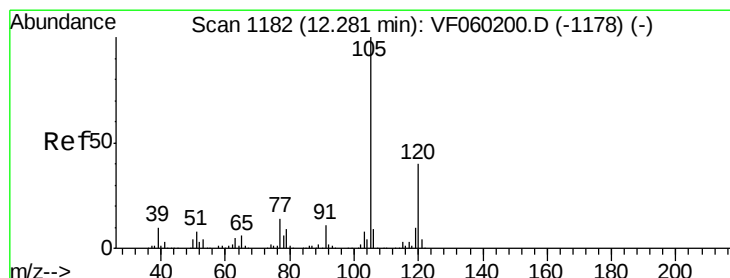
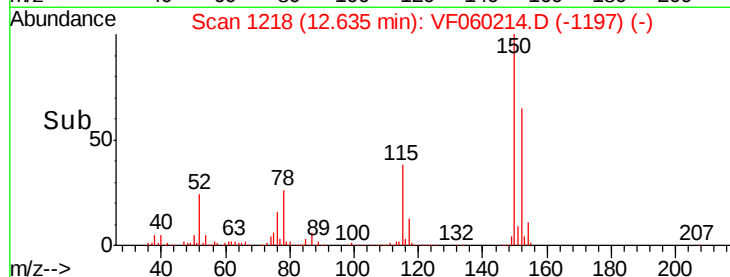
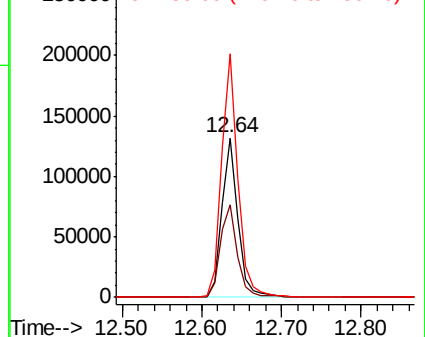
150 152.7 0.0 310.4



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



#84

1,2,4-Trimethylbenzene

Concen: 4.64 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VF060214.D

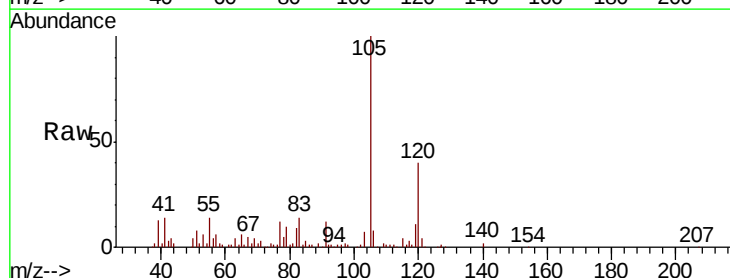
Acq: 7 Sep 2018 16:58

Tgt Ion:105 Resp: 53869

Ion Ratio Lower Upper

105 100

120 39.5 20.2 60.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

