

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060245.D
 Acq On : 10 Sep 2018 20:00
 Operator : VA/AP
 Sample : J4803-21
 Misc : 5.62/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

Quant Time: Sep 11 08:22:00 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

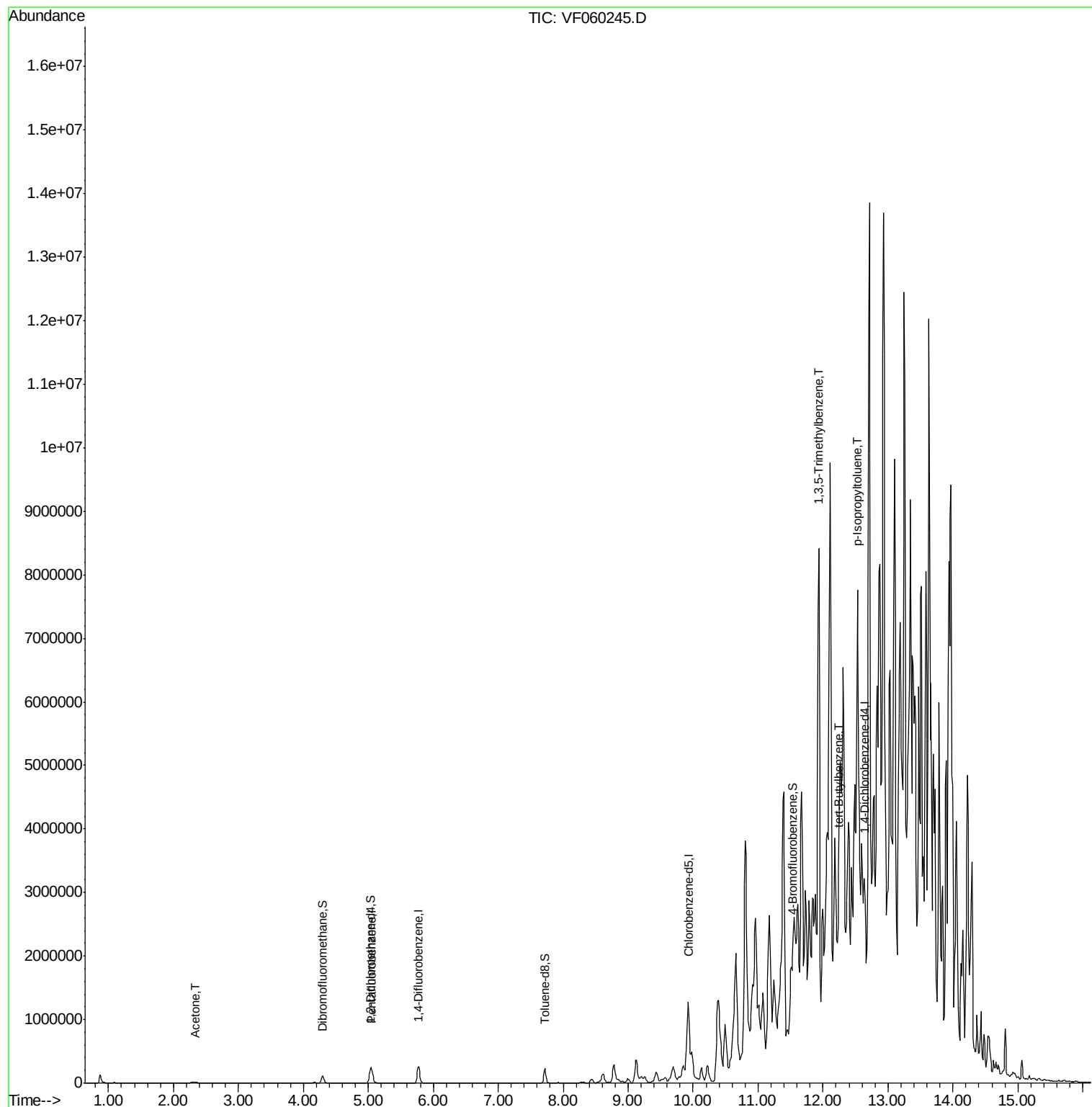
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	176343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	266538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	164476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.65	152	125604	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	114698	37.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.46%	
35) Dibromofluoromethane	4.30	113	102355	39.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.40%	
50) Toluene-d8	7.72	98	177038	27.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.34%	
62) 4-Bromofluorobenzene	11.52	95	230101	62.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	125.16%	
Target Compounds						
16) Acetone	2.35	43	15993	29.19	ug/l	96
80) 1,3,5-Trimethylbenzene	11.94	105	3731090	487.84	ug/l	87
83) tert-Butylbenzene	12.23	119	288677	41.42	ug/l	91
86) p-Isopropyltoluene	12.53	119	3527970	413.24	ug/l	88

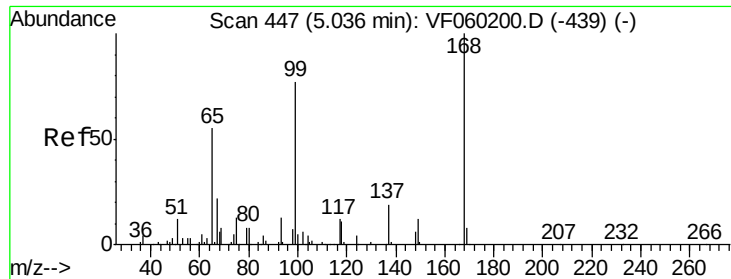
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060245.D
Acq On : 10 Sep 2018 20:00
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Misc : 5.62/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-FD-01

Quant Time: Sep 11 08:22:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

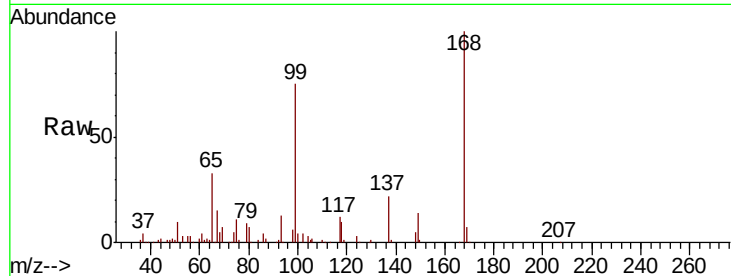
EP1-Q2-FD-01

Tot Ion:168 Resp: 176343

Ion Ratio Lower Upper

168 100

99 75.4 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

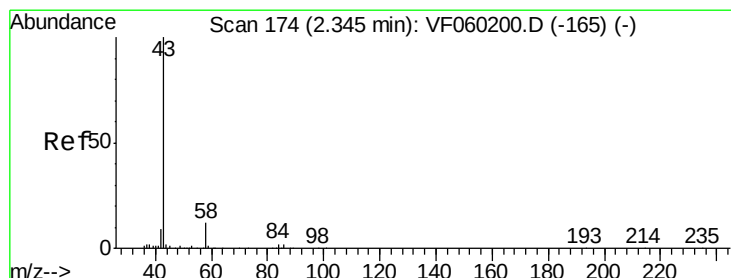
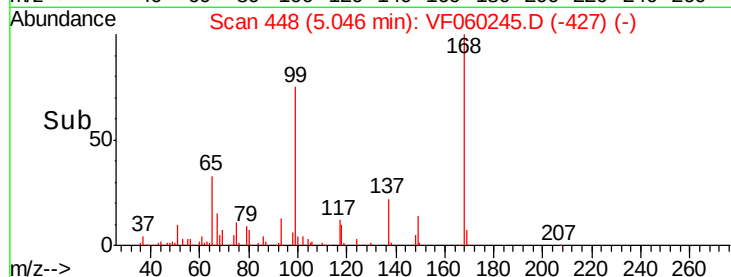
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 29.19 ug/l

RT: 2.35 min Scan# 174

Delta R.T. 0.00 min

Lab File: VF060245.D

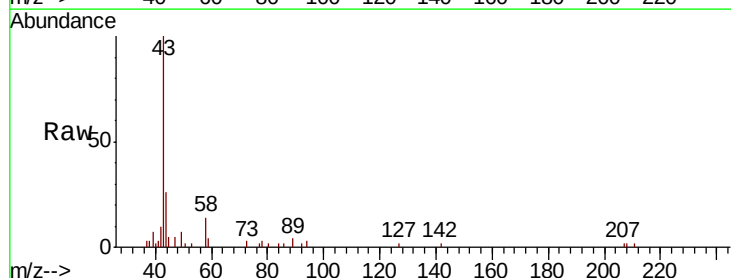
Acq: 10 Sep 2018 20:00

Tgt Ion: 43 Resp: 15993

Ion Ratio Lower Upper

43 100

58 13.7 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

6000

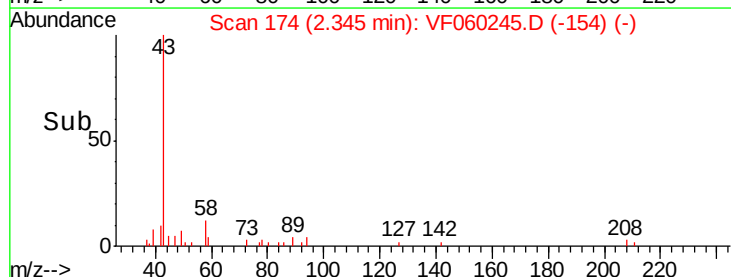
4000

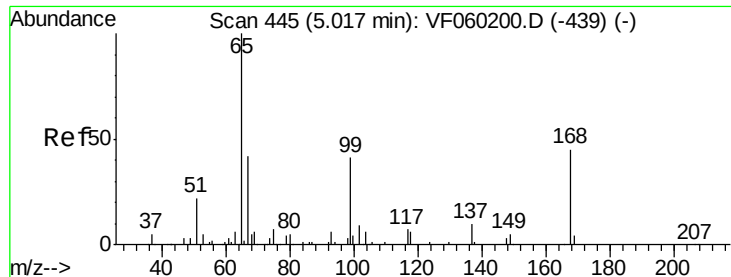
2000

0

Time-->

2.25 2.30 2.35 2.40 2.45

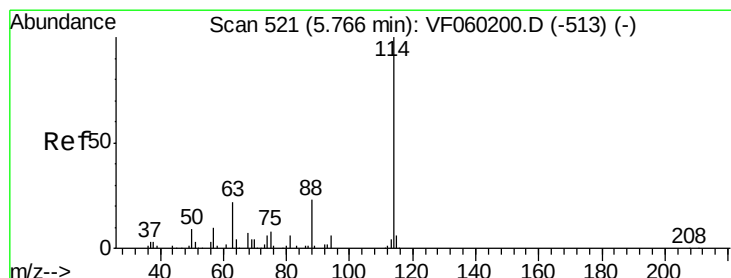
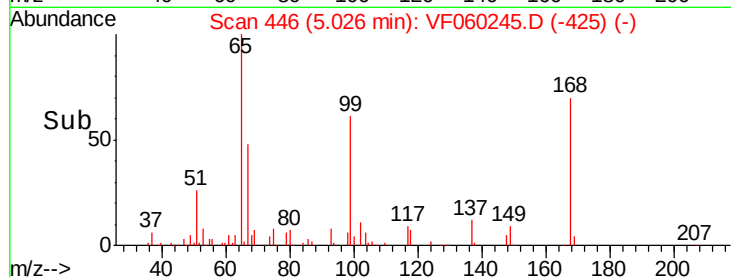
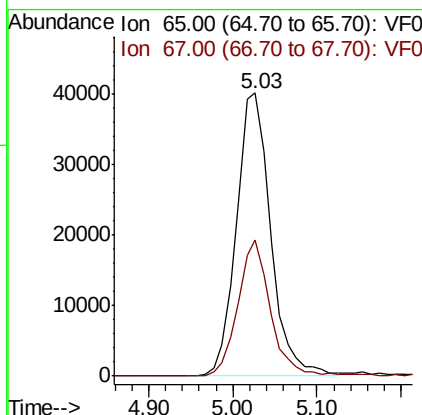
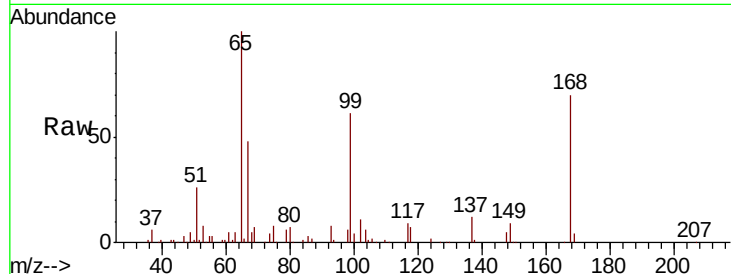




#33
 1,2-Dichloroethane-d4
 Concen: 37.23 ug/l
 RT: 5.03 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

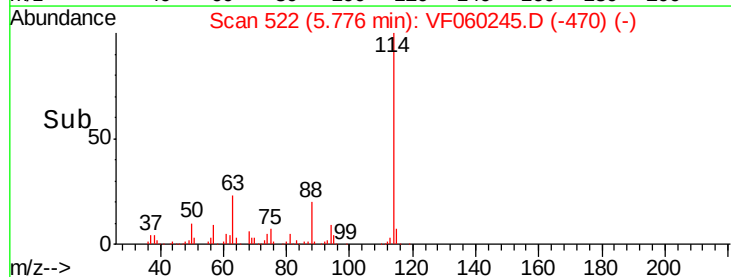
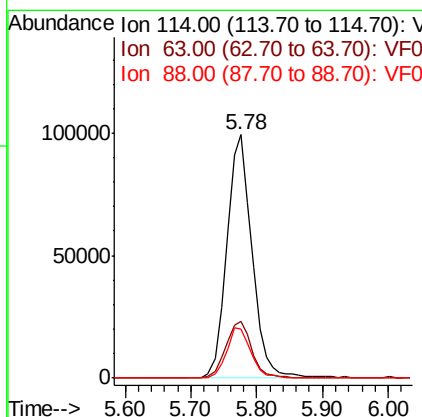
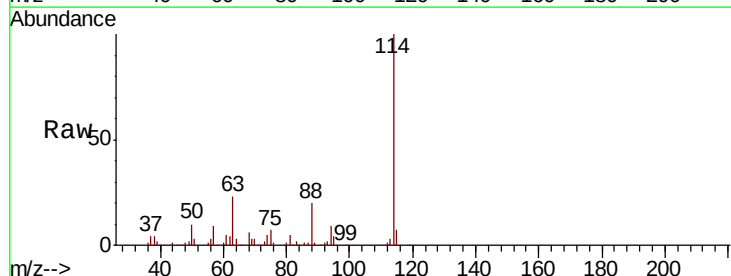
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

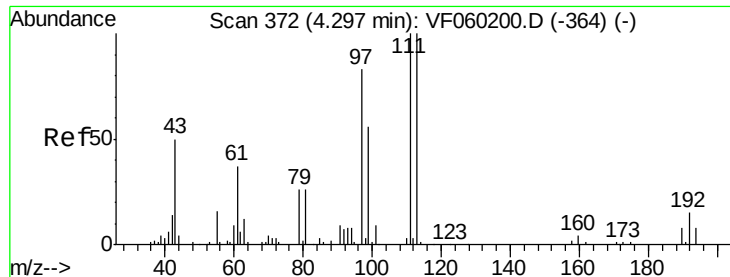
Tot Ion: 65 Resp: 114698
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

Tgt Ion: 114 Resp: 266538
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 20.2 0.0 46.4

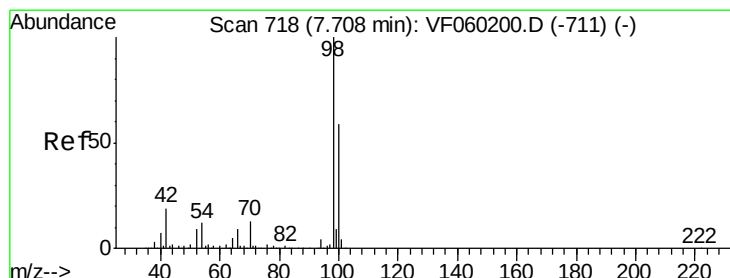
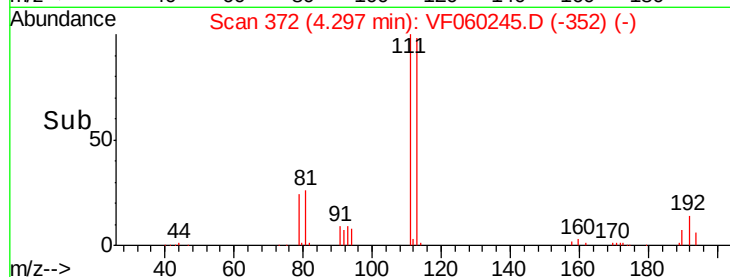
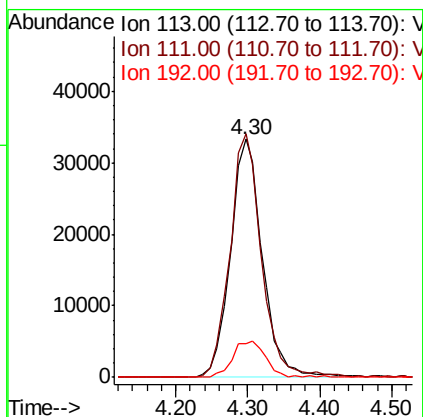
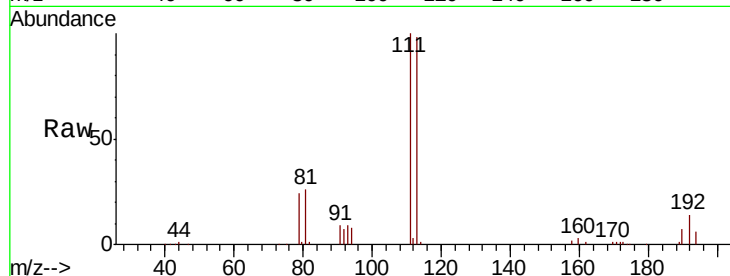




#35
 Dibromofluoromethane
 Concen: 39.20 ug/l
 RT: 4.30 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

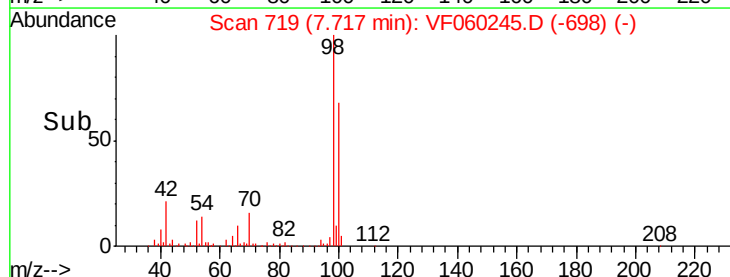
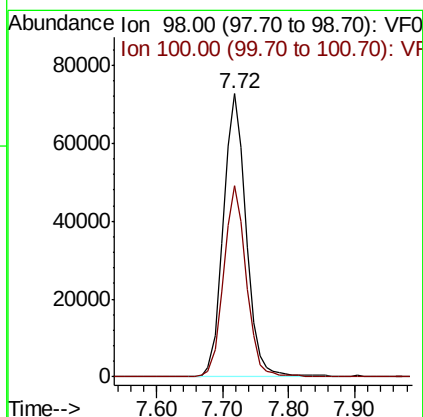
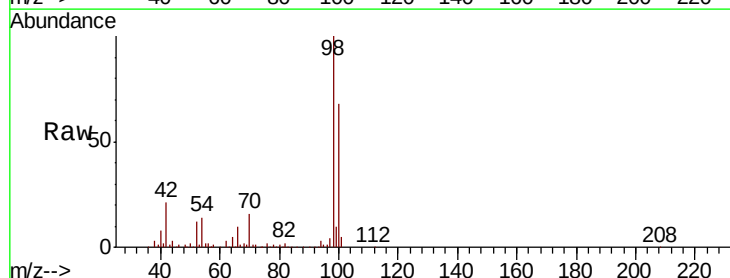
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

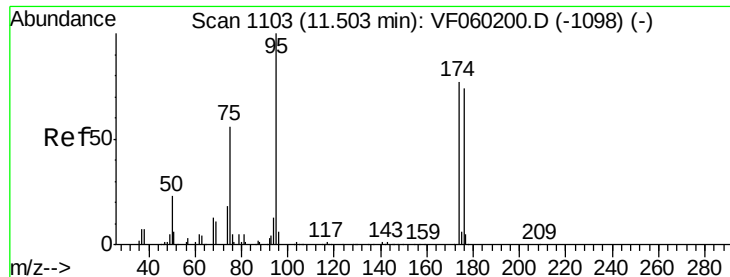
Tot Ion:113 Resp: 102355
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.2 120.2
 192 14.2 11.8 17.8



#50
 Toluene-d8
 Concen: 27.17 ug/l
 RT: 7.72 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

Tgt Ion: 98 Resp: 177038
 Ion Ratio Lower Upper
 98 100
 100 67.8 47.4 71.0





#62

4-Bromofluorobenzene

Concen: 62.58 ug/l

RT: 11.52 min Scan# 1105

Delta R.T. 0.02 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

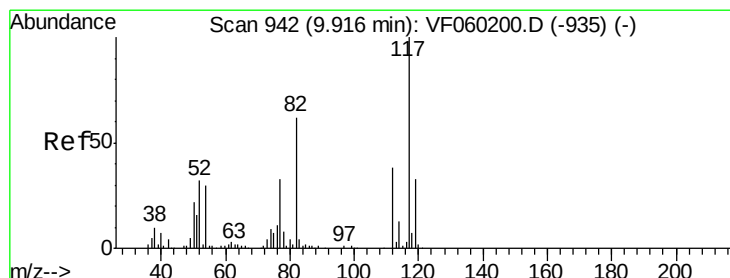
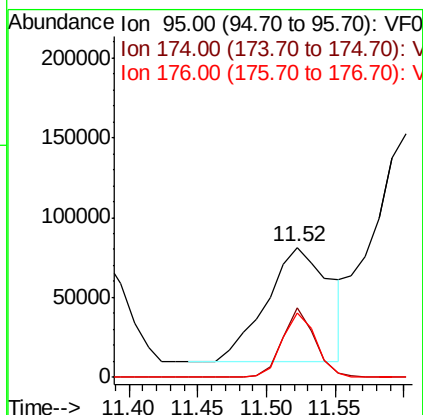
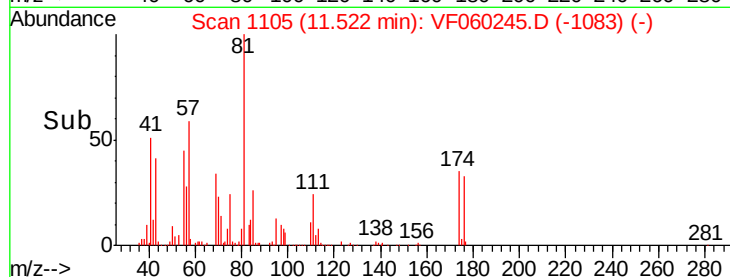
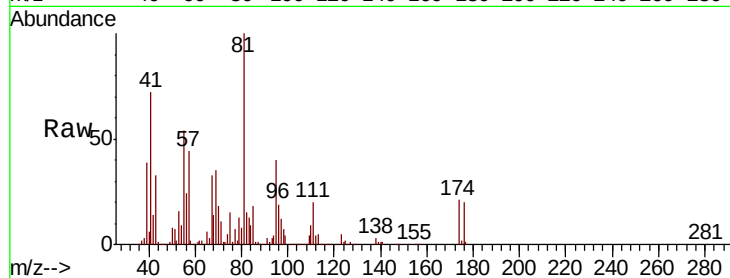
Tot Ion: 95 Resp: 230101

Ion Ratio Lower Upper

95 100

174 53.4 0.0 153.2

176 49.4 0.0 147.2



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.93 min Scan# 943

Delta R.T. 0.01 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

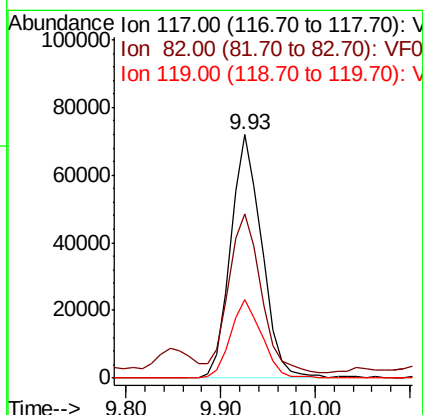
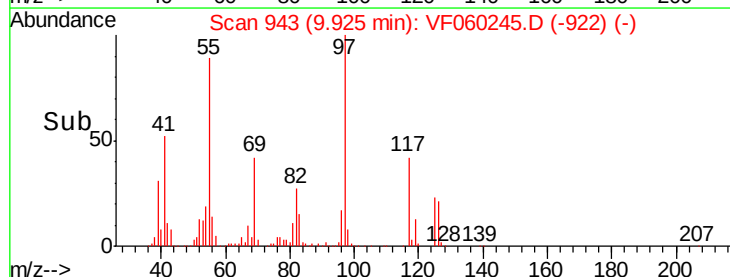
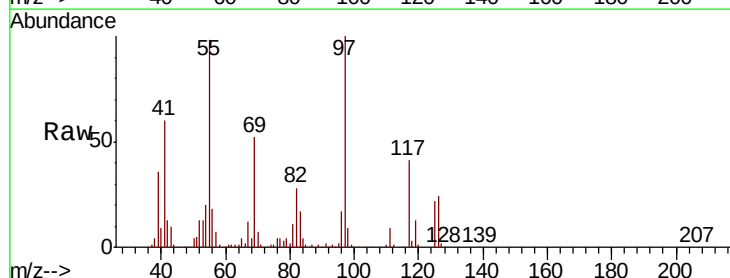
Tgt Ion: 117 Resp: 164476

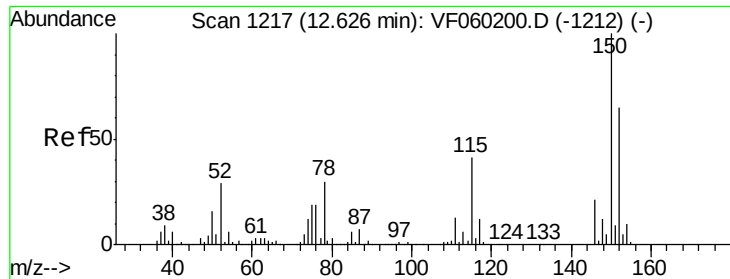
Ion Ratio Lower Upper

117 100

82 67.5 49.3 73.9

119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.65 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VF060245.D

Acq: 10 Sep 2018 20:00

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-FD-01

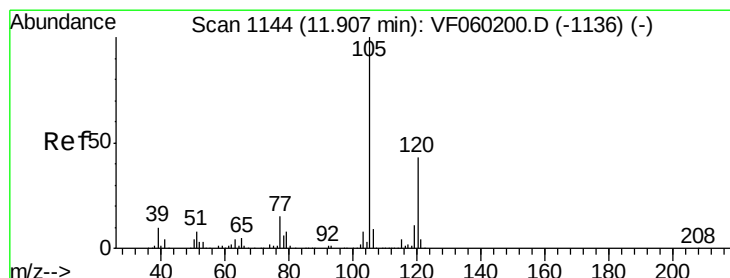
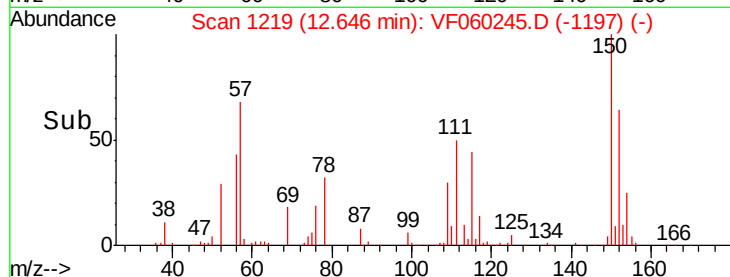
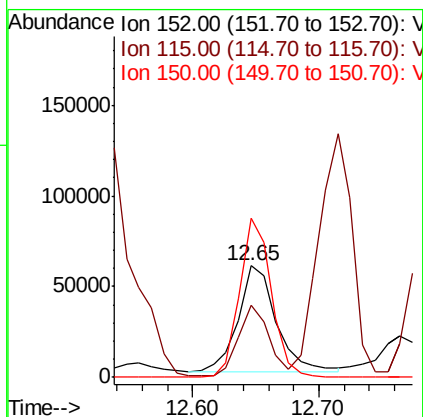
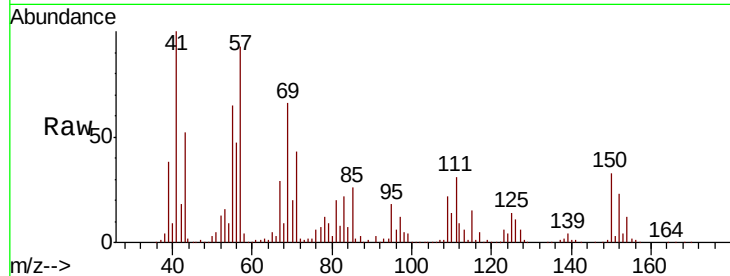
Tot Ion:152 Resp: 125604

Ion Ratio Lower Upper

152 100

115 64.5 31.5 94.5

150 142.8 0.0 310.4



#80

1,3,5-Trimethylbenzene

Concen: 487.84 ug/l

RT: 11.94 min Scan# 1147

Delta R.T. 0.03 min

Lab File: VF060245.D

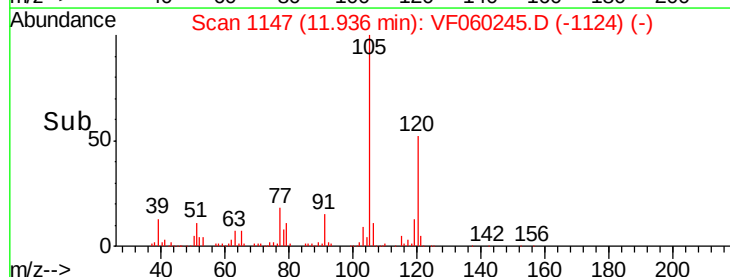
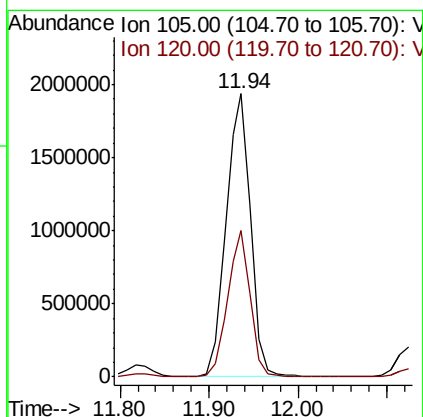
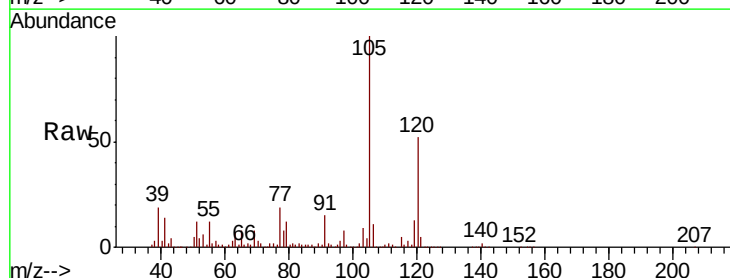
Acq: 10 Sep 2018 20:00

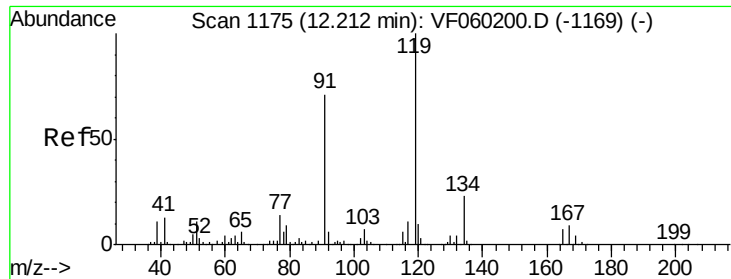
Tgt Ion:105 Resp: 3731090

Ion Ratio Lower Upper

105 100

120 51.5 21.6 64.8

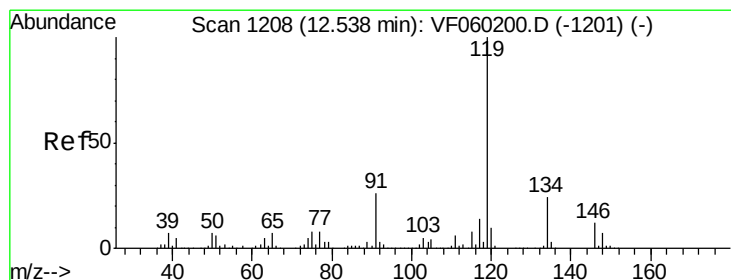
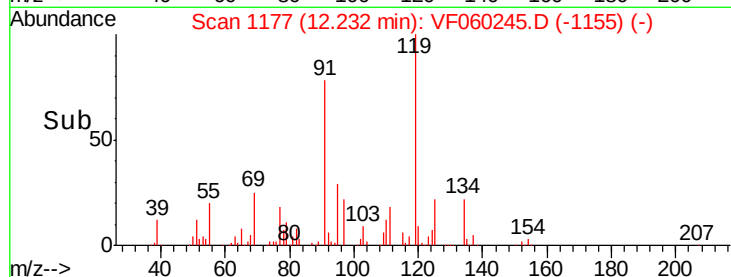
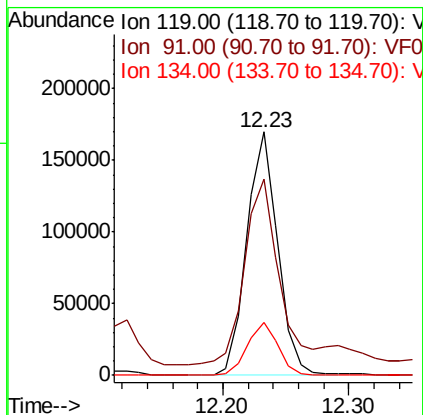
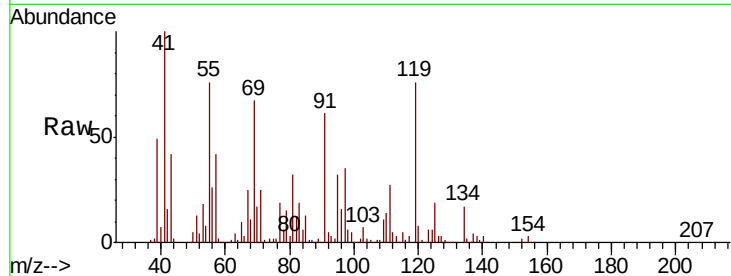




#83
 tert-Butylbenzene
 Concen: 41.42 ug/l
 RT: 12.23 min Scan# 1177
 Delta R.T. 0.02 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-FD-01

Tot Ion:119 Resp: 288677
 Ion Ratio Lower Upper
 119 100
 91 80.7 35.8 107.4
 134 22.0 11.6 34.7



#86
 p-Isopropyltoluene
 Concen: 413.24 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: VF060245.D
 Acq: 10 Sep 2018 20:00

Tgt Ion:119 Resp: 3527970
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.0 36.0
 91 33.3 12.9 38.7

