

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060234.D
 Acq On : 10 Sep 2018 14:58
 Operator : VA/AP
 Sample : J4803-10
 Misc : 5.77/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H5

Quant Time: Sep 11 07:50:15 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

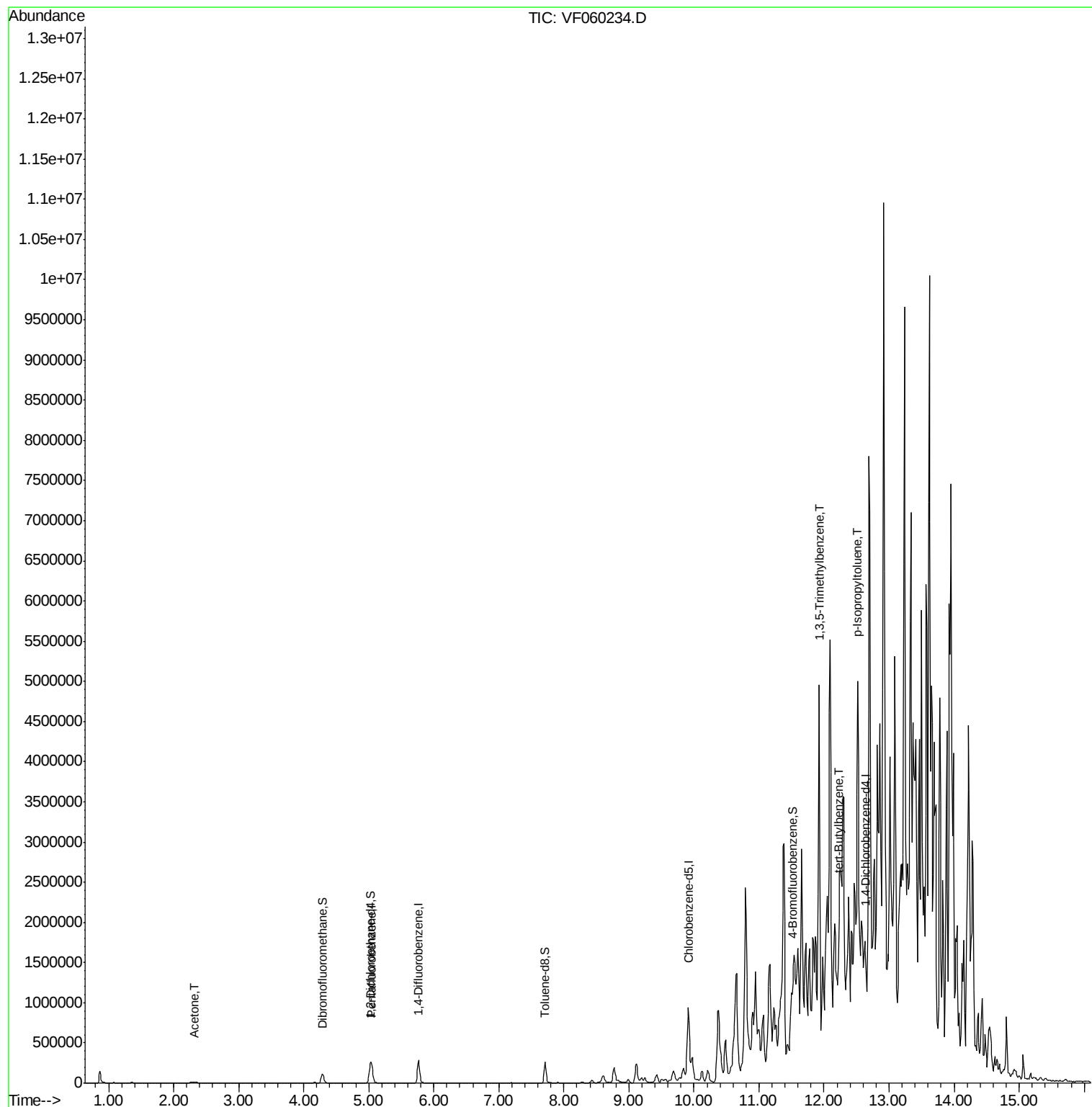
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	181481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	273336	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	188241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	137316	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	125571	39.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.22%	
35) Dibromofluoromethane	4.29	113	106353	39.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.42%	
50) Toluene-d8	7.71	98	204263	30.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.14%	
62) 4-Bromofluorobenzene	11.51	95	193506	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
16) Acetone	2.32	43	7026	19.65	ug/l	Qvalue # 91
80) 1,3,5-Trimethylbenzene	11.93	105	2157458	258.03	ug/l	95
83) tert-Butylbenzene	12.22	119	165048	21.66	ug/l	87
86) p-Isopropyltoluene	12.52	119	1968729	210.94	ug/l	91

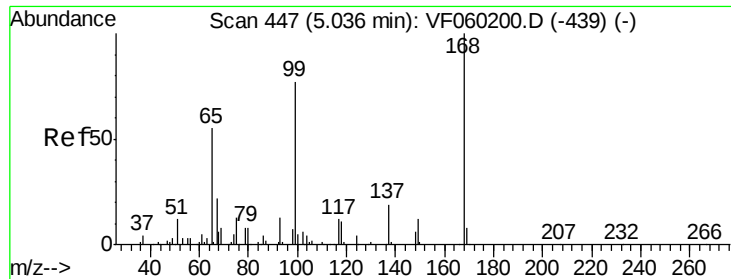
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
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Quant Time: Sep 11 07:50:15 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: 5.04 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

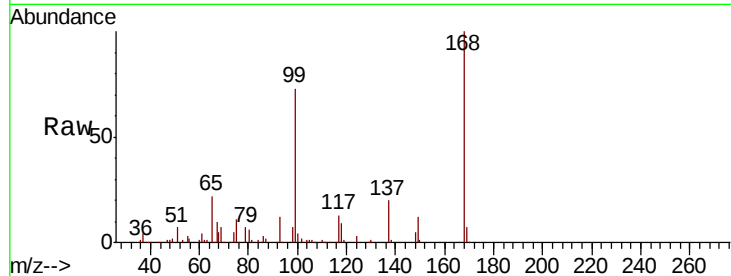
EP1-Q2-H5

Tot Ion:168 Resp: 181481

Ion Ratio Lower Upper

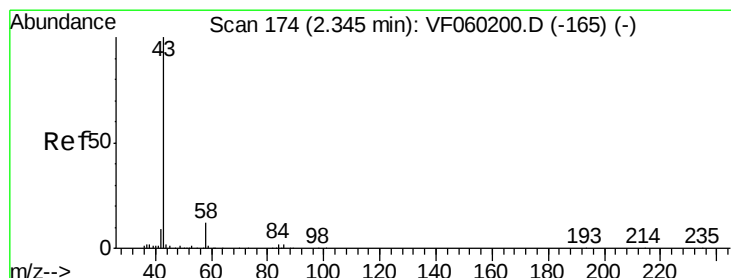
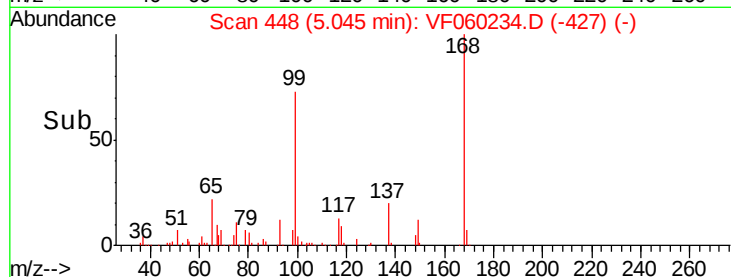
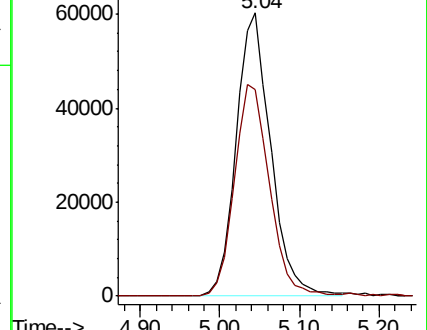
168 100

99 73.0 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: 19.65 ug/l

RT: 2.32 min Scan# 172

Delta R.T. -0.02 min

Lab File: VF060234.D

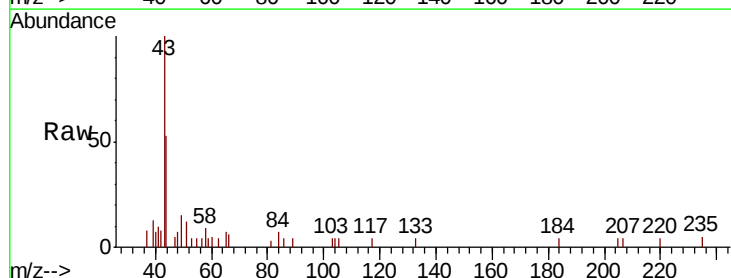
Acq: 10 Sep 2018 14:58

Tgt Ion: 43 Resp: 7026

Ion Ratio Lower Upper

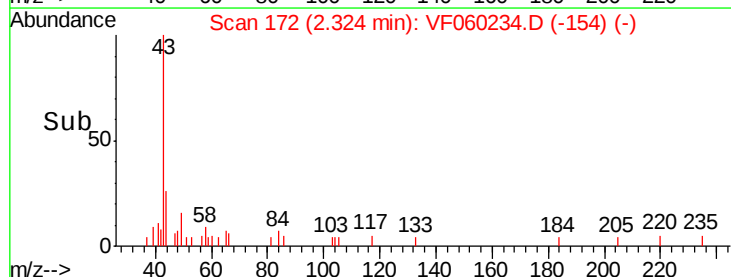
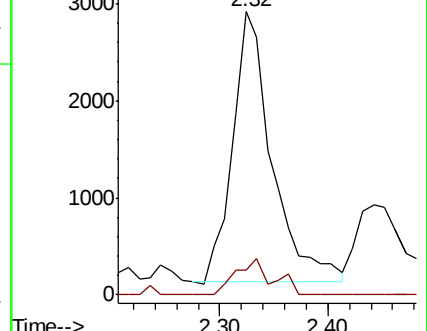
43 100

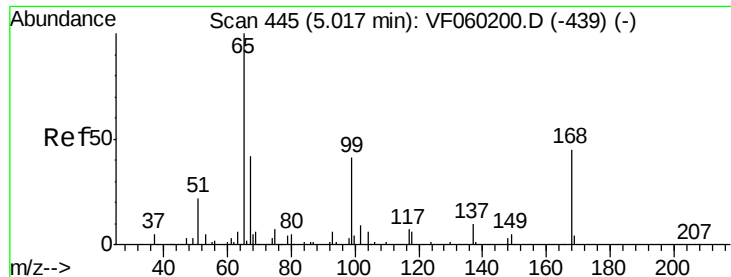
58 8.6 9.7 14.5#



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: 39.61 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.00 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

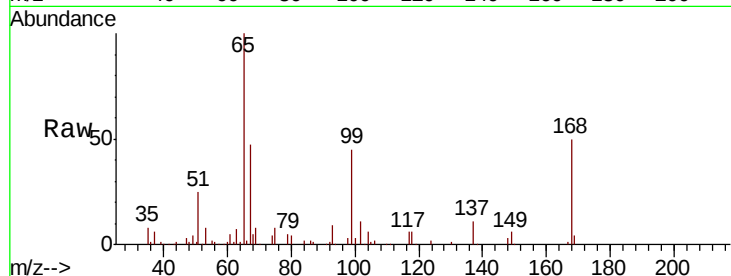
EP1-Q2-H5

Tot Ion: 65 Resp: 125571

Ion Ratio Lower Upper

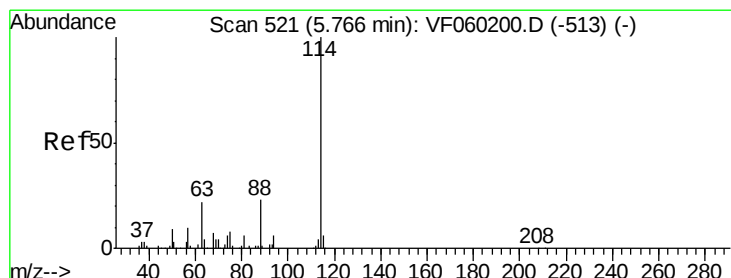
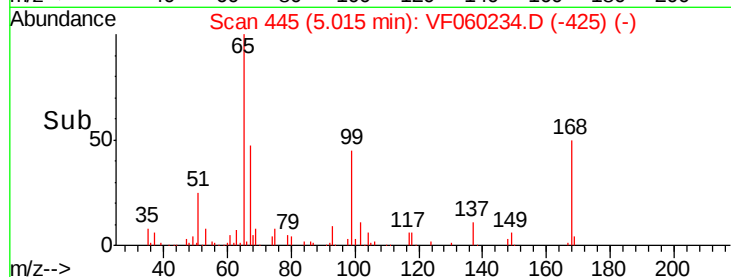
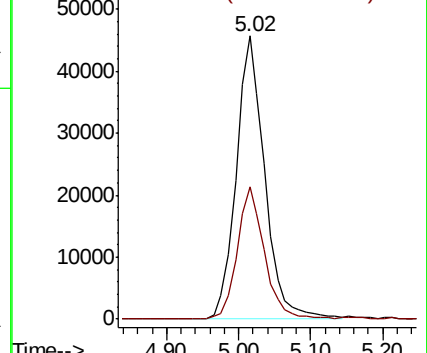
65 100

67 47.0 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 521

Delta R.T. -0.00 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

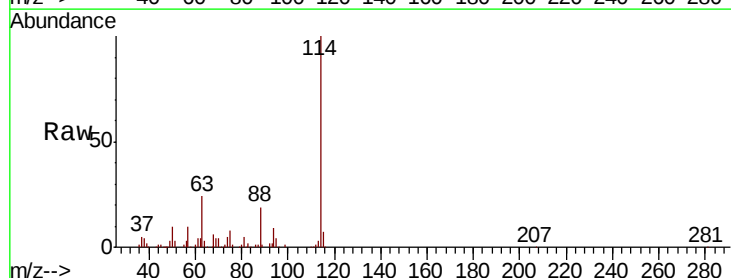
Tgt Ion: 114 Resp: 273336

Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.6

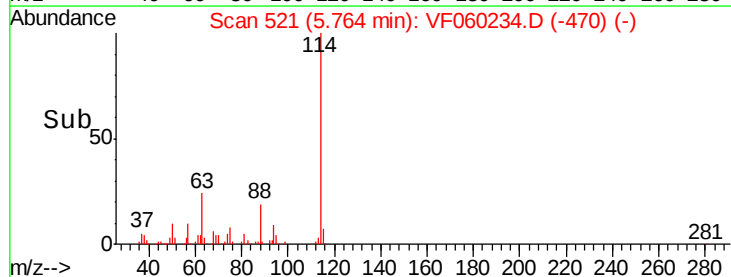
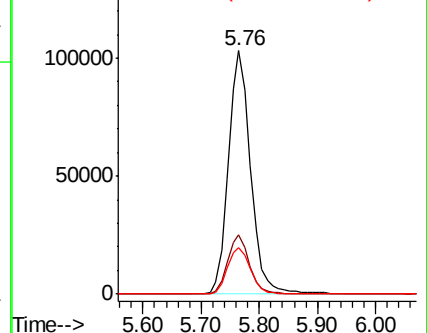
88 19.1 0.0 46.4

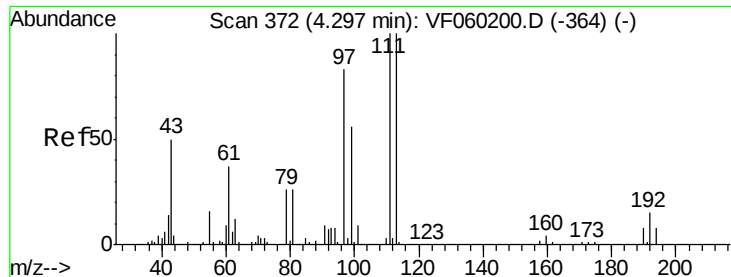


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 39.71 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

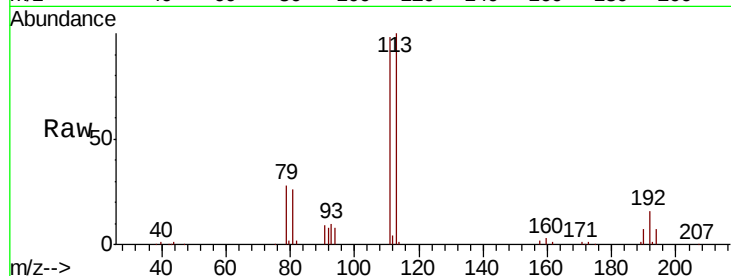
Tot Ion:113 Resp: 106353

Ion Ratio Lower Upper

113 100

111 97.7 80.2 120.2

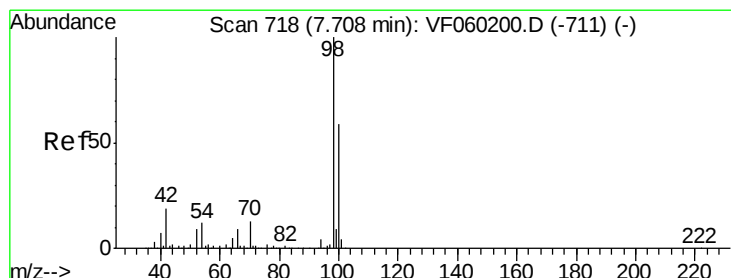
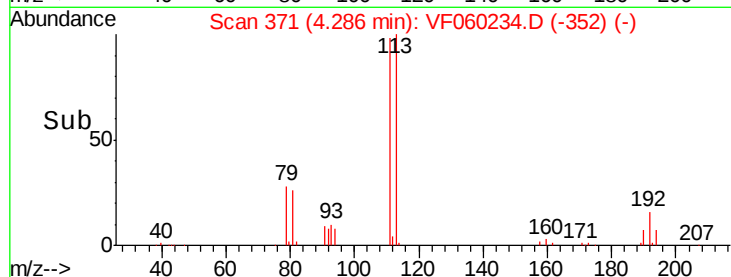
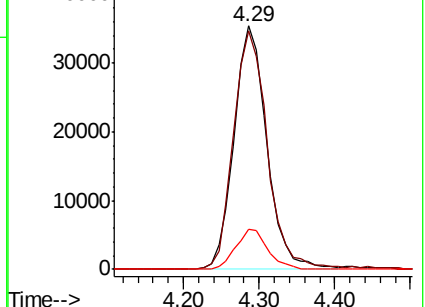
192 16.2 11.8 17.8



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: 30.57 ug/l

RT: 7.71 min Scan# 718

Delta R.T. -0.00 min

Lab File: VF060234.D

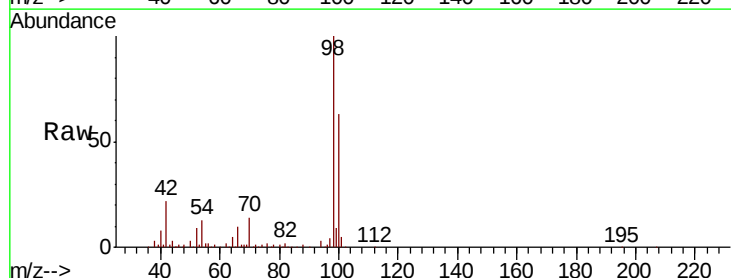
Acq: 10 Sep 2018 14:58

Tgt Ion: 98 Resp: 204263

Ion Ratio Lower Upper

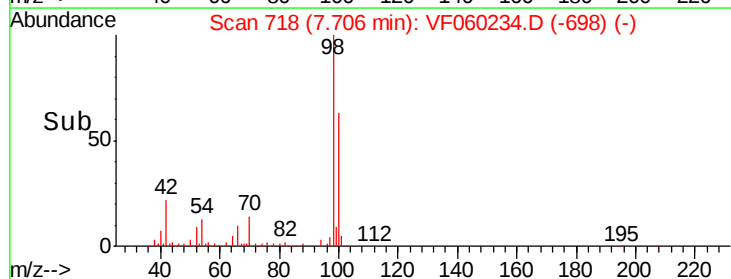
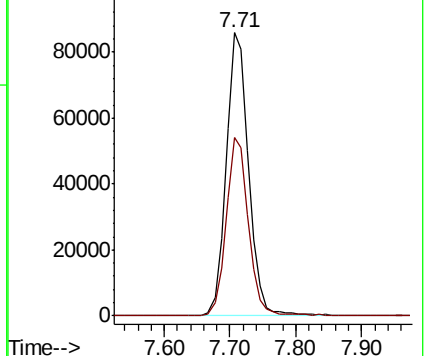
98 100

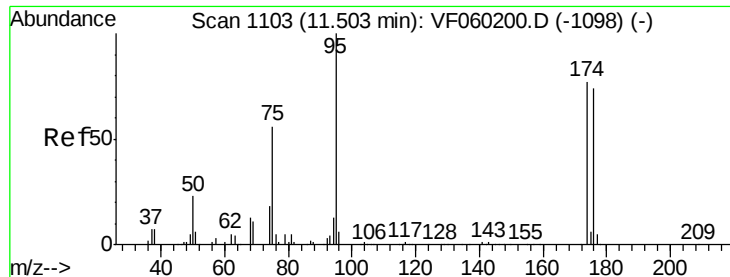
100 63.0 47.4 71.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

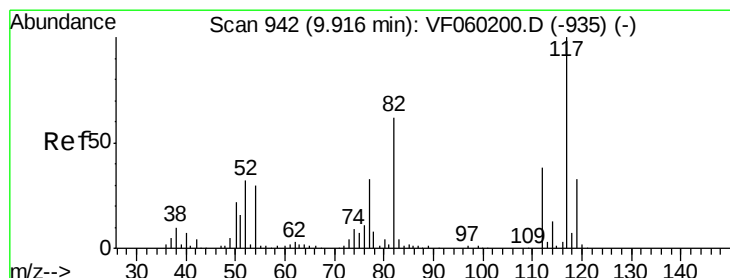
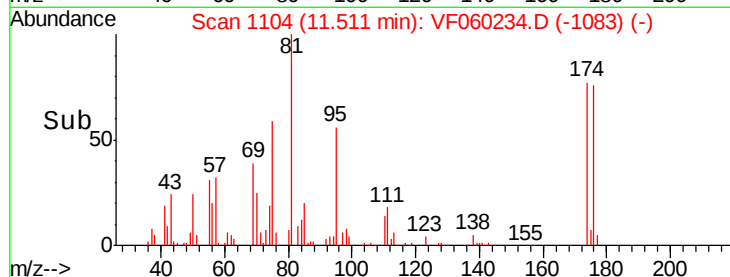
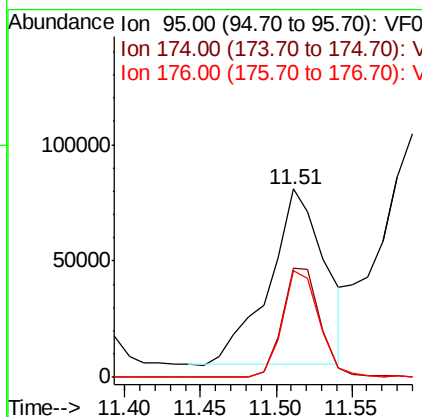
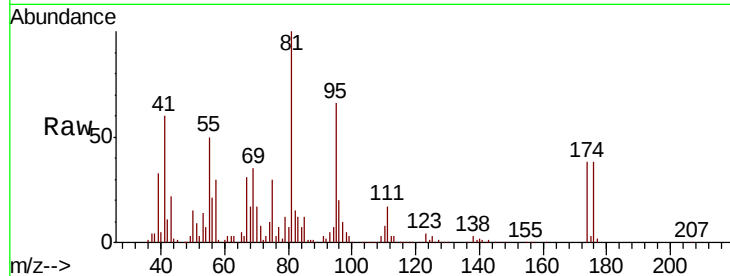




#62
4-Bromofluorobenzene
Concen: 51.32 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

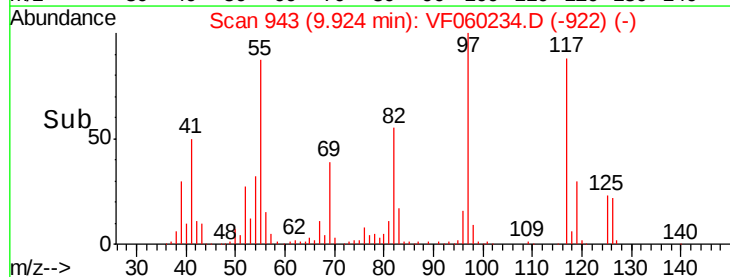
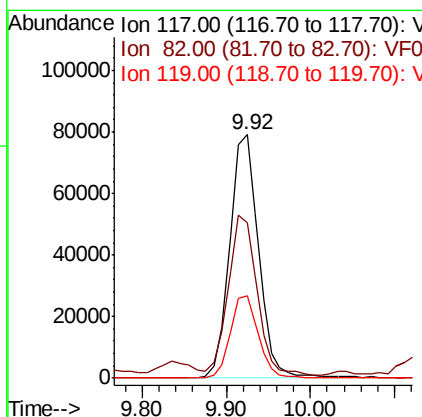
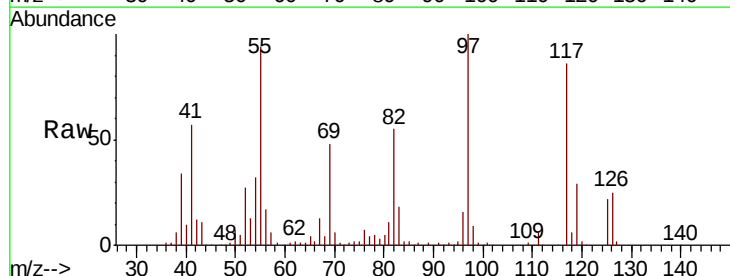
Instrument :
MSVOA_F
ClientSampled :
EP1-Q2-H5

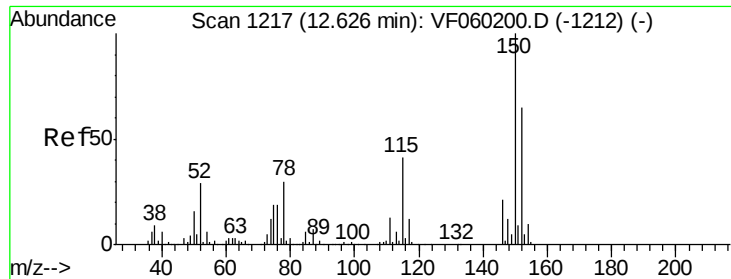
Tot Ion: 95 Resp: 193506
Ion Ratio Lower Upper
95 100
174 57.9 0.0 153.2
176 57.0 0.0 147.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

Tgt Ion: 117 Resp: 188241
Ion Ratio Lower Upper
117 100
82 63.5 49.3 73.9
119 34.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

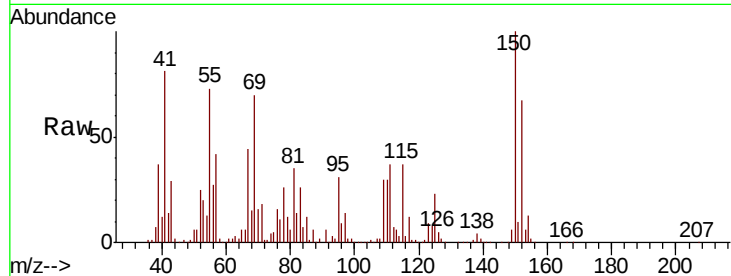
Tot Ion:152 Resp: 137316

Ion Ratio Lower Upper

152 100

115 55.8 31.5 94.5

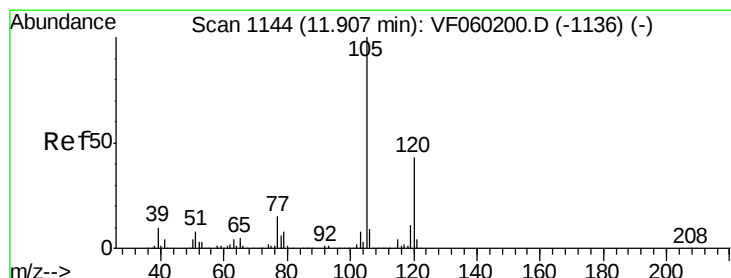
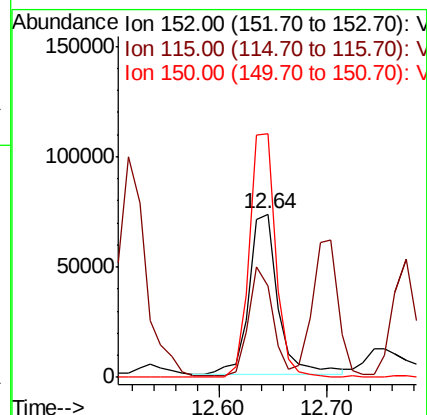
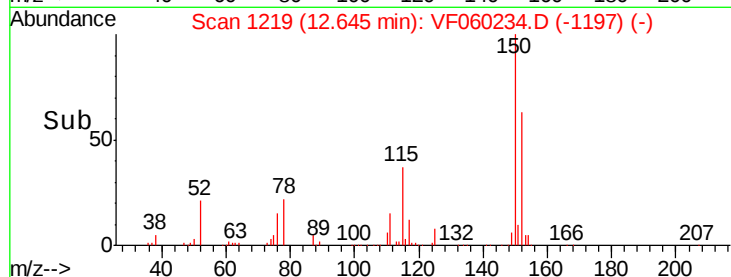
150 149.3 0.0 310.4



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



#80

1,3,5-Trimethylbenzene

Concen: 258.03 ug/l

RT: 11.93 min Scan# 1146

Delta R.T. 0.02 min

Lab File: VF060234.D

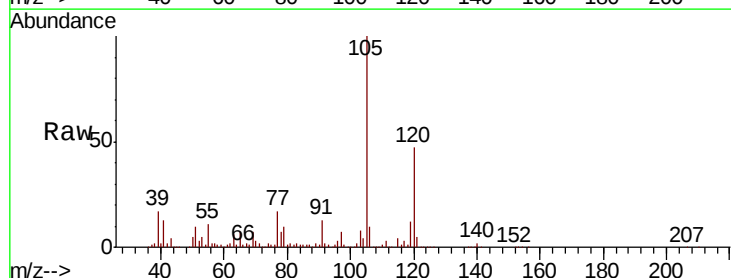
Acq: 10 Sep 2018 14:58

Tgt Ion:105 Resp: 2157458

Ion Ratio Lower Upper

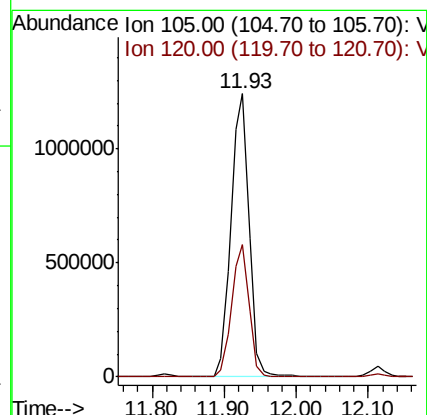
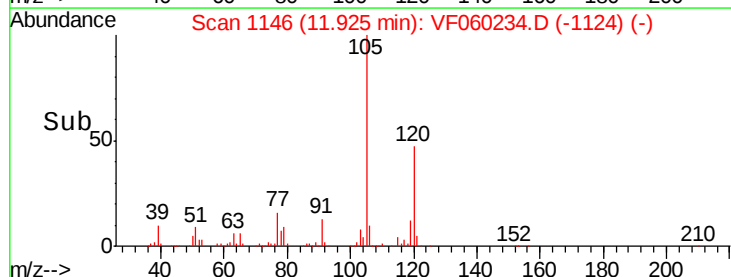
105 100

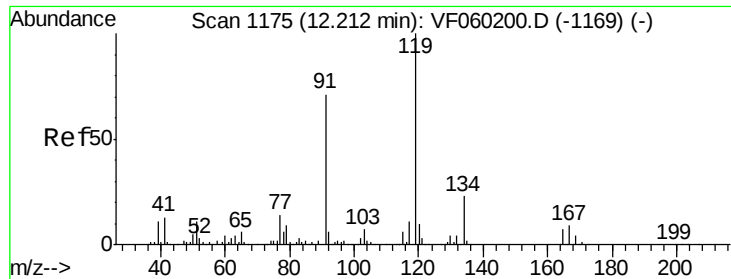
120 46.7 21.6 64.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

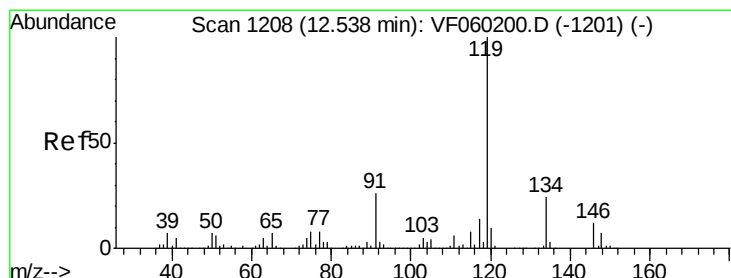
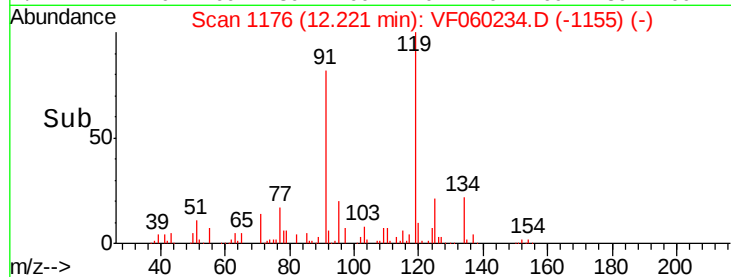
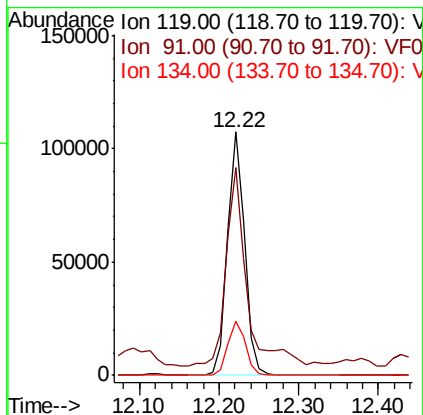
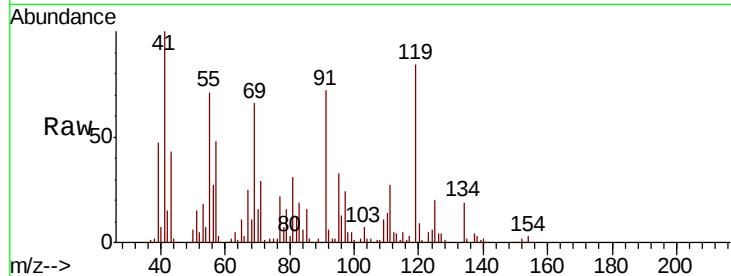




#83
tert-Butylbenzene
Concen: 21.66 ug/l
RT: 12.22 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

Instrument :
MSVOA_F
ClientSampled :
EP1-Q2-H5

Tot Ion:119 Resp: 165048
Ion Ratio Lower Upper
119 100
91 85.6 35.8 107.4
134 22.3 11.6 34.7



#86
p-Isopropyltoluene
Concen: 210.94 ug/l
RT: 12.52 min Scan# 1206
Delta R.T. -0.02 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

Tgt Ion:119 Resp: 1968729
Ion Ratio Lower Upper
119 100
134 26.2 12.0 36.0
91 32.0 12.9 38.7

