

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060241.D
 Acq On : 10 Sep 2018 18:10
 Operator : VA/AP
 Sample : J4803-17
 Misc : 5.93/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J6

Quant Time: Sep 11 08:12:53 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

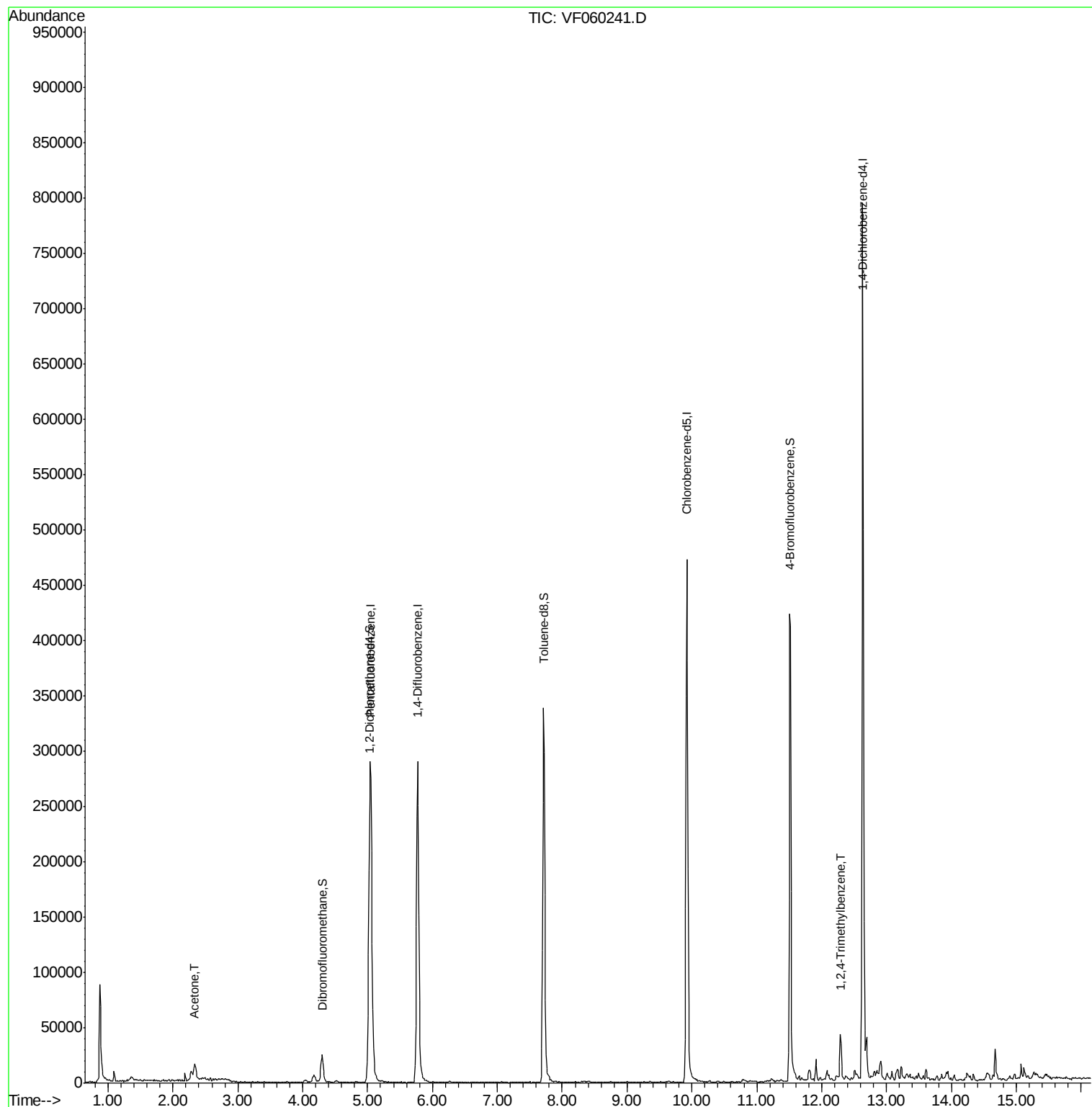
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	212541	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	292629	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	311552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	185184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	131509	35.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.84%	
35) Dibromofluoromethane	4.30	113	21954	7.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	15.32%	
50) Toluene-d8	7.71	98	273260	38.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.40%	
62) 4-Bromofluorobenzene	11.51	95	149038	36.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.84%	
Target Compounds						
16) Acetone	2.33	43	25260	34.42	ug/l	Qvalue # 92
84) 1,2,4-Trimethylbenzene	12.29	105	18806	1.64	ug/l	98

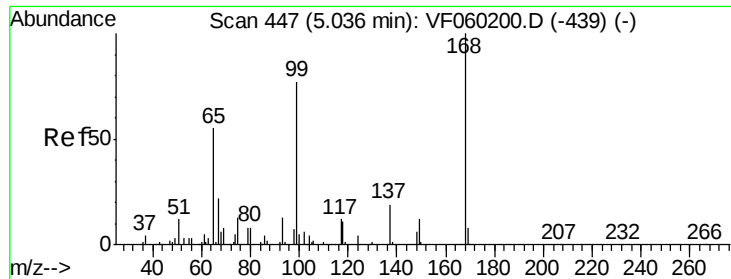
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.02 min

Lab File: VF060241.D

Acq: 10 Sep 2018 18:10

Instrument :

MSVOA_F

ClientSampleId :

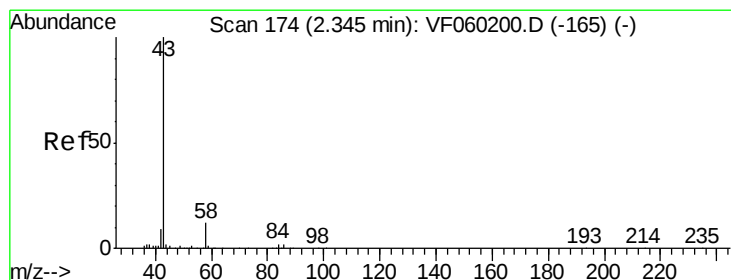
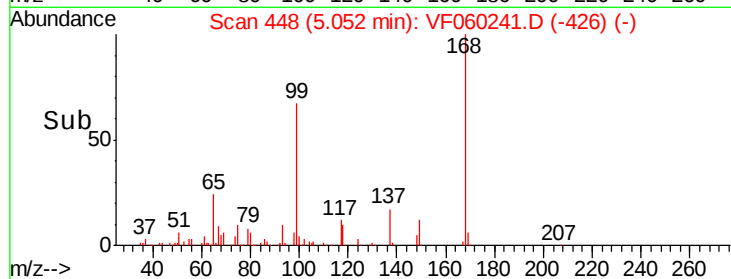
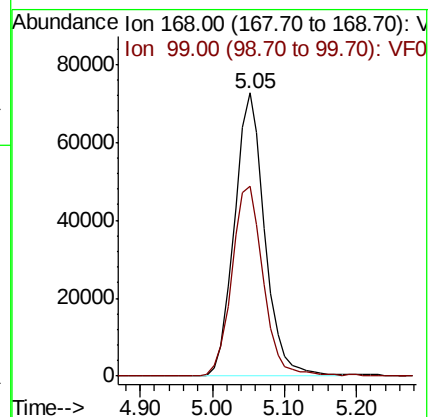
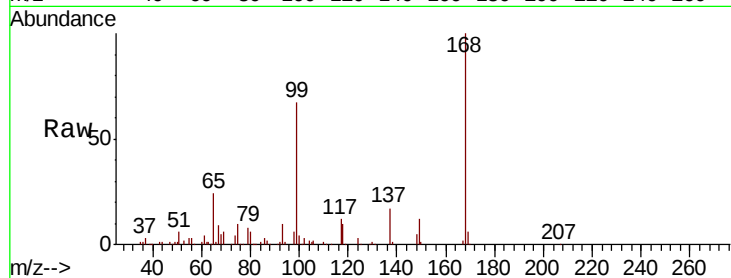
EP1-Q2-J6

Tot Ion:168 Resp: 212541

Ion Ratio Lower Upper

168 100

99 67.1 61.8 92.6



#16

Acetone

Concen: 34.42 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060241.D

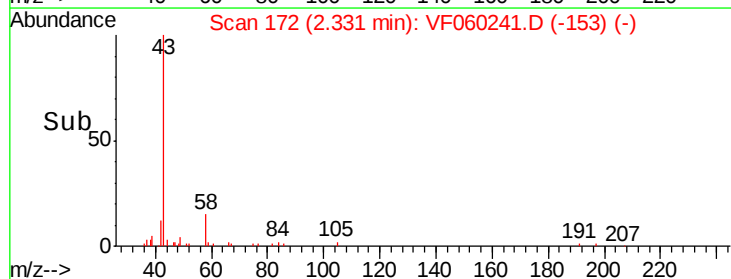
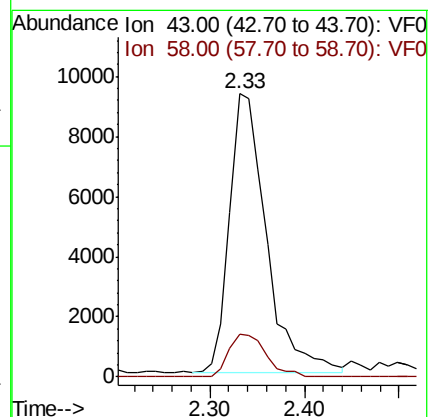
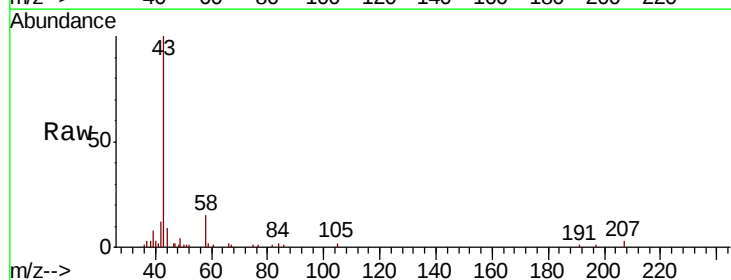
Acq: 10 Sep 2018 18:10

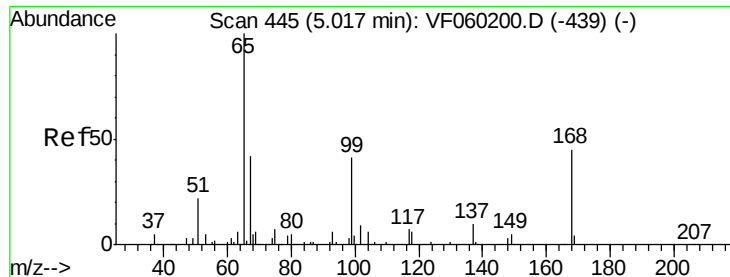
Tgt Ion: 43 Resp: 25260

Ion Ratio Lower Upper

43 100

58 15.2 9.7 14.5#

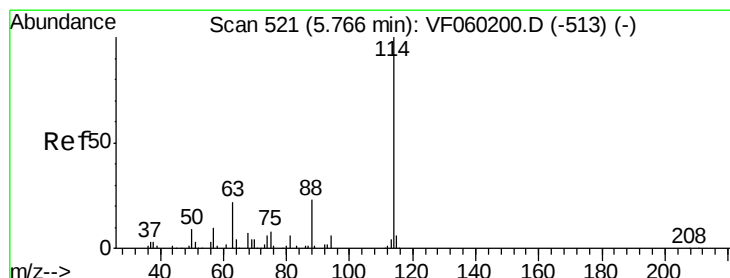
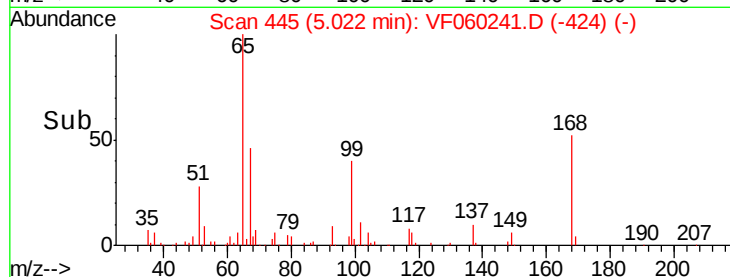
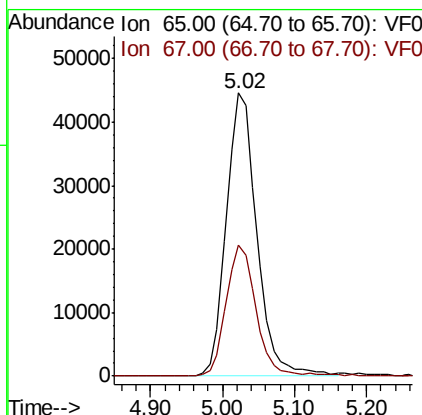
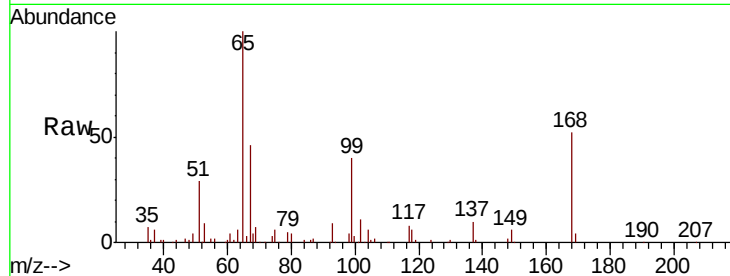




#33
 1,2-Dichloroethane-d4
 Concen: 35.42 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.01 min
 Lab File: VF060241.D
 Acq: 10 Sep 2018 18:10

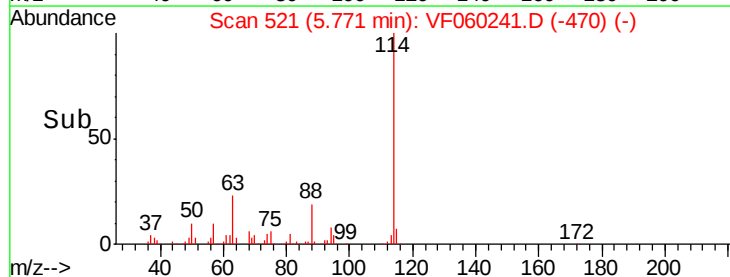
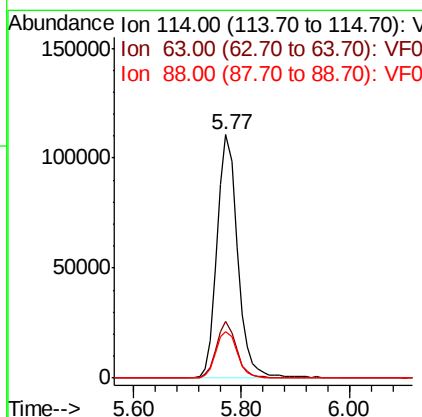
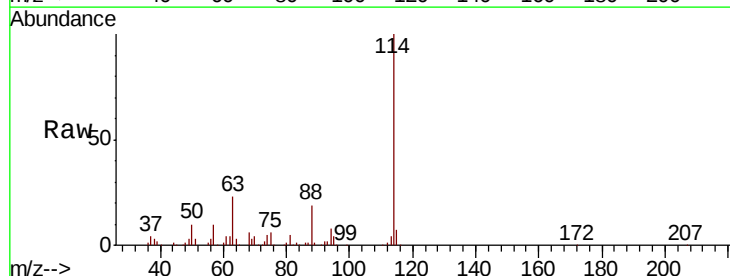
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J6

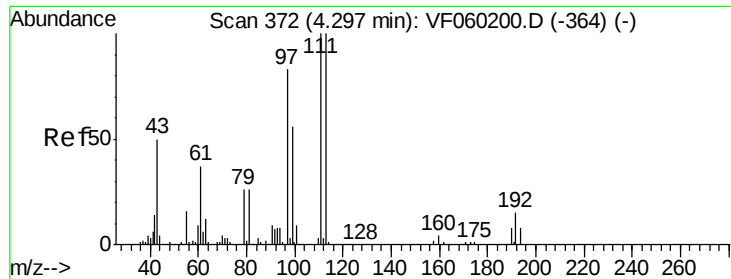
Tot Ion: 65 Resp: 131509
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.01 min
 Lab File: VF060241.D
 Acq: 10 Sep 2018 18:10

Tgt Ion: 114 Resp: 292629
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 18.9 0.0 46.4





#35

Dibromofluoromethane

Concen: 7.66 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.01 min

Lab File: VF060241.D

Acq: 10 Sep 2018 18:10

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-J6

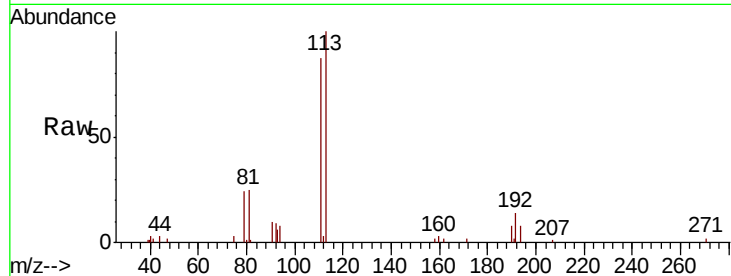
Tot Ion:113 Resp: 21954

Ion Ratio Lower Upper

113 100

111 87.0 80.2 120.2

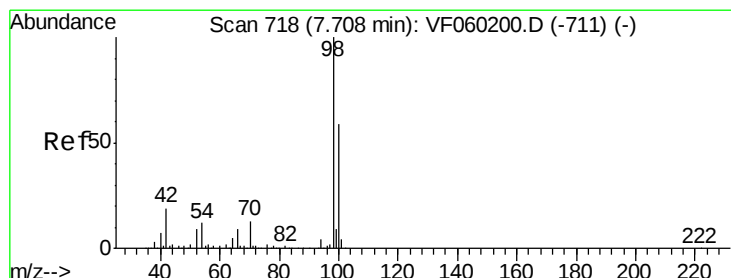
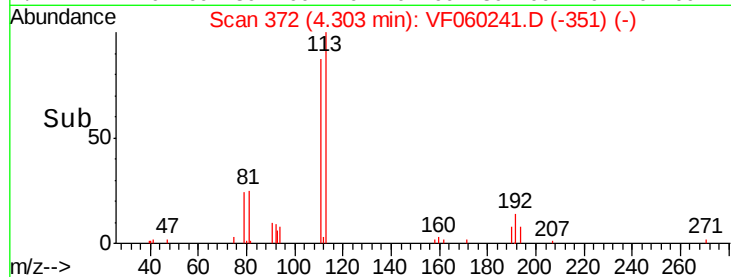
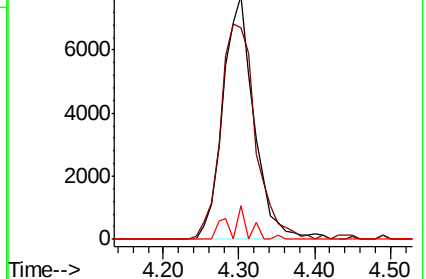
192 13.8 11.8 17.8



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: 38.20 ug/l

RT: 7.71 min Scan# 718

Delta R.T. 0.01 min

Lab File: VF060241.D

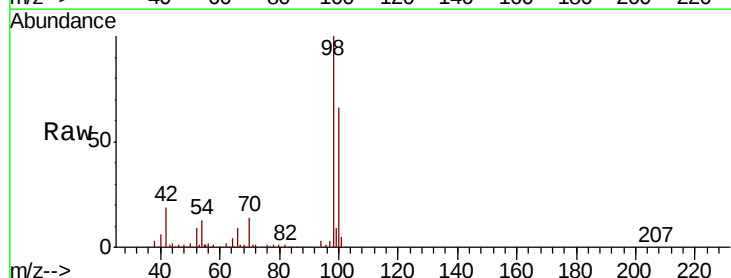
Acq: 10 Sep 2018 18:10

Tgt Ion: 98 Resp: 273260

Ion Ratio Lower Upper

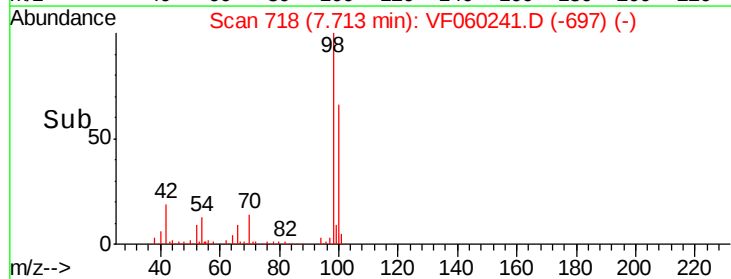
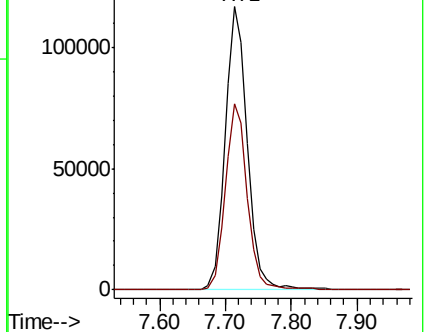
98 100

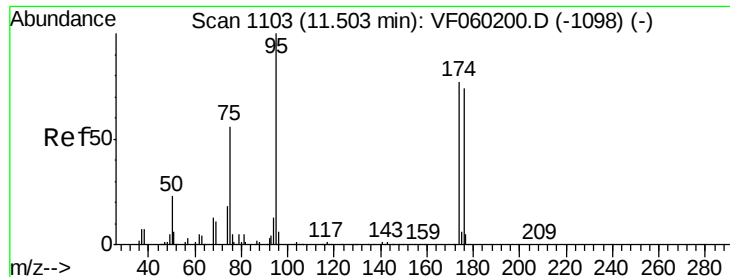
100 65.7 47.4 71.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

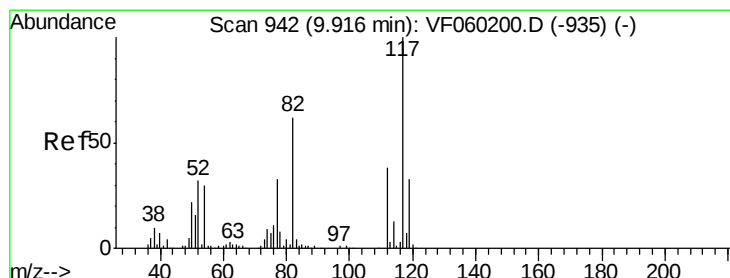
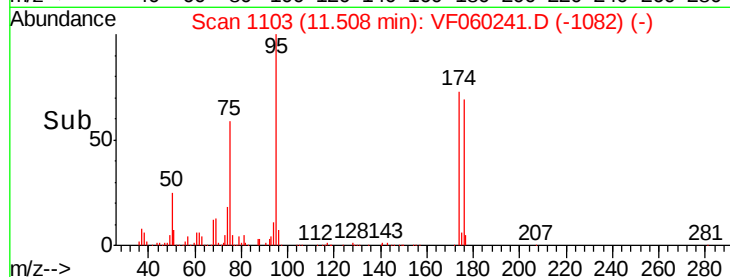
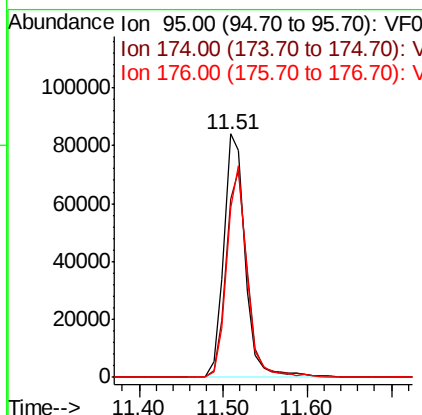
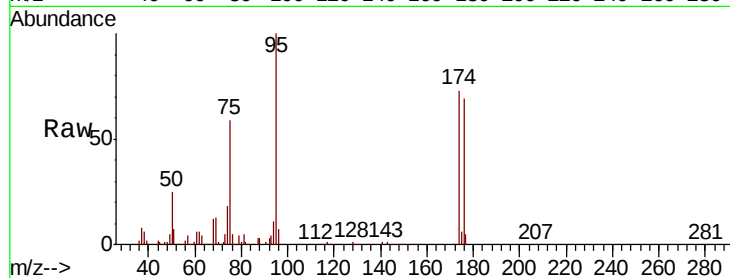




#62
4-Bromofluorobenzene
Concen: 36.92 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VF060241.D
Acq: 10 Sep 2018 18:10

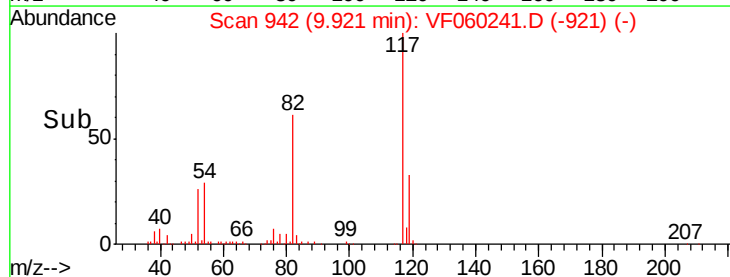
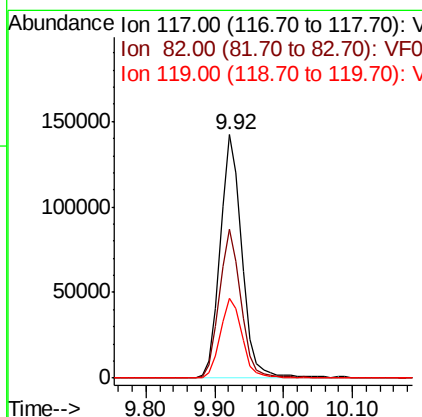
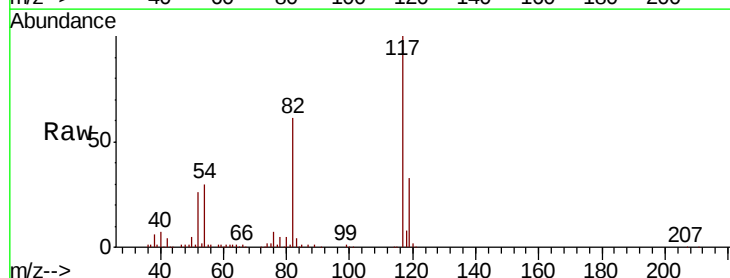
Instrument :
MSVOA_F
ClientSampled :
EP1-Q2-J6

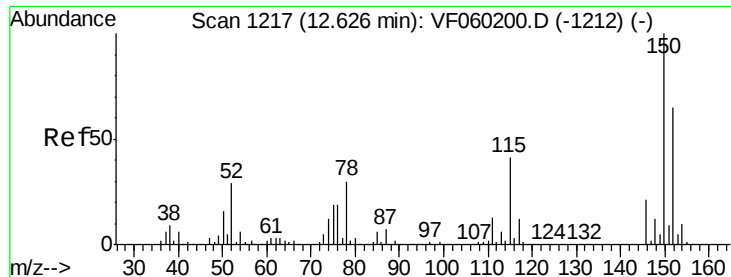
Tot Ion: 95 Resp: 149038
Ion Ratio Lower Upper
95 100
174 73.0 0.0 153.2
176 69.5 0.0 147.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.01 min
Lab File: VF060241.D
Acq: 10 Sep 2018 18:10

Tgt Ion: 117 Resp: 311552
Ion Ratio Lower Upper
117 100
82 61.2 49.3 73.9
119 32.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VF060241.D

Acq: 10 Sep 2018 18:10

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-J6

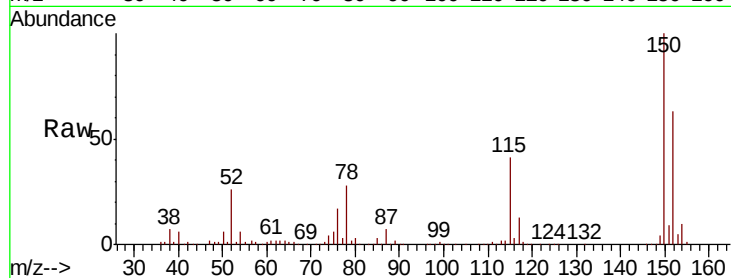
Tot Ion:152 Resp: 185184

Ion Ratio Lower Upper

152 100

115 65.2 31.5 94.5

150 157.6 0.0 310.4

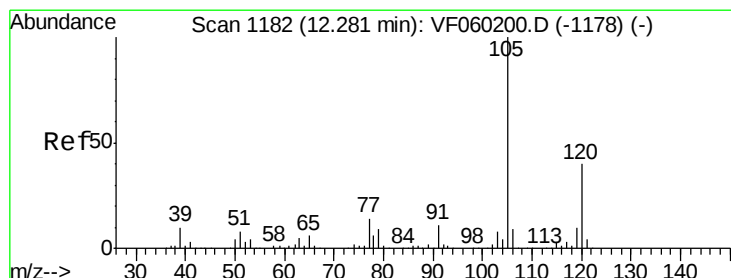
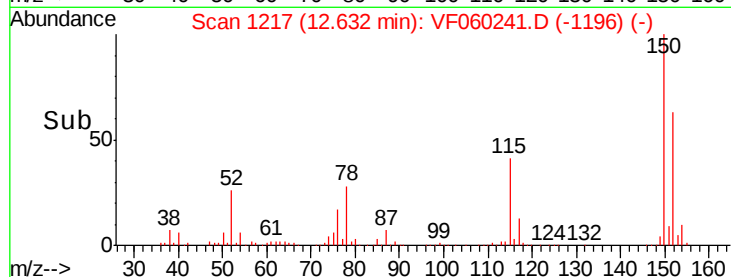
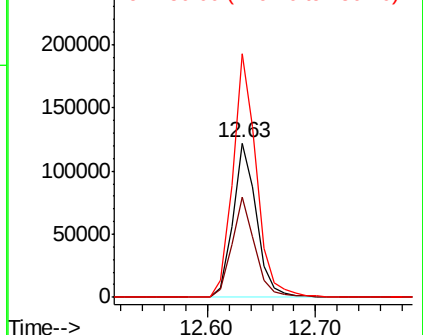


Abundance

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: 1.64 ug/l

RT: 12.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VF060241.D

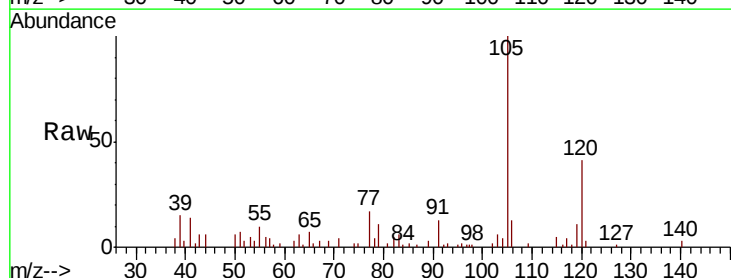
Acq: 10 Sep 2018 18:10

Tgt Ion:105 Resp: 18806

Ion Ratio Lower Upper

105 100

120 41.3 20.2 60.5



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

