

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060239.D
 Acq On : 10 Sep 2018 17:15
 Operator : VA/AP
 Sample : J4803-15
 Misc : 5.23/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-I7

Quant Time: Sep 11 08:08:05 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

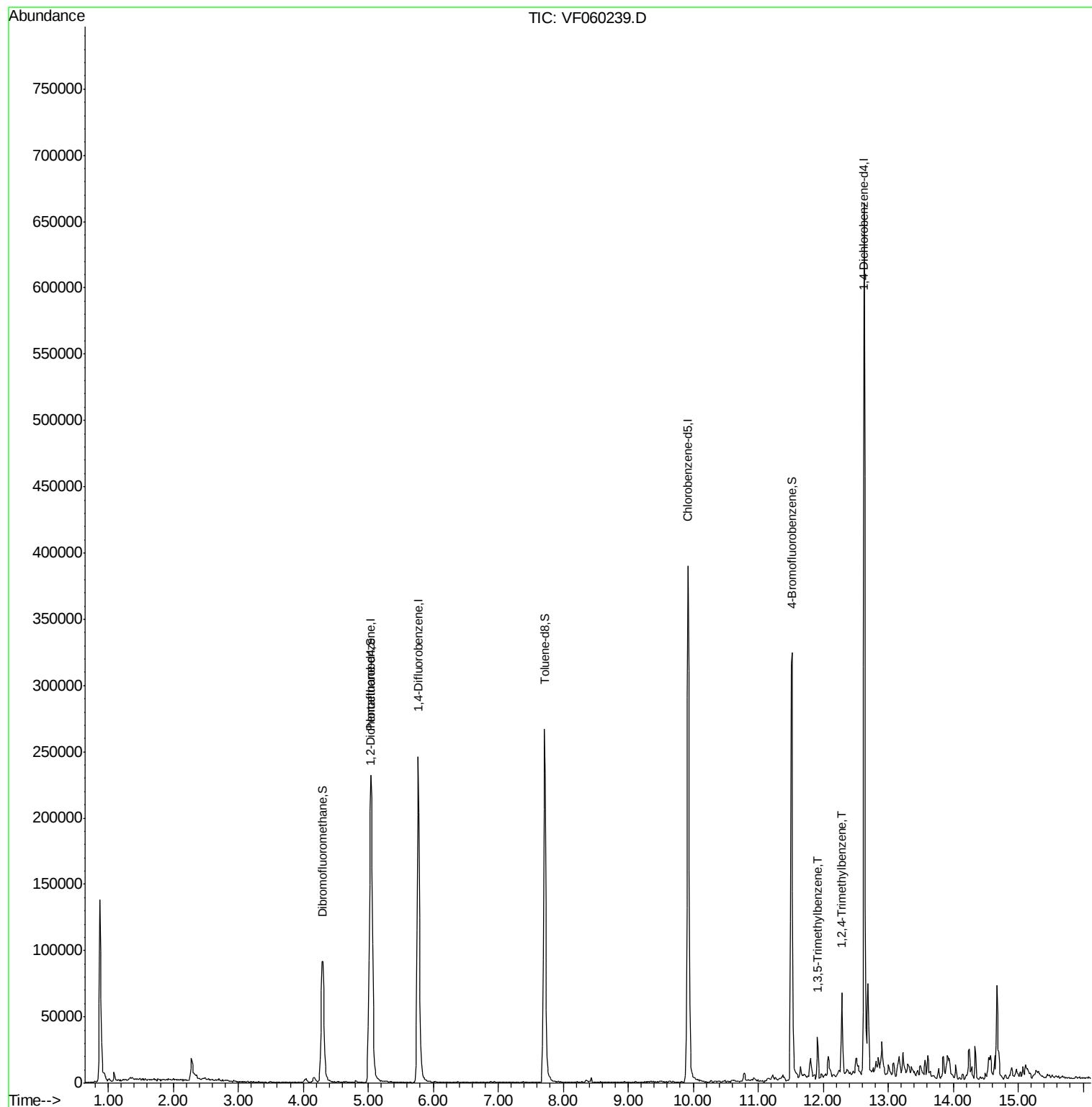
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	172930	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	237723	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	250447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	152922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	97302	32.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.42%	
35) Dibromofluoromethane	4.30	113	85478	36.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.40%	
50) Toluene-d8	7.71	98	213372	36.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.42%	
62) 4-Bromofluorobenzene	11.51	95	115721	35.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.58%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	11.91	105	16891	1.81	ug/l	86
84) 1,2,4-Trimethylbenzene	12.29	105	29009	3.07	ug/l	92

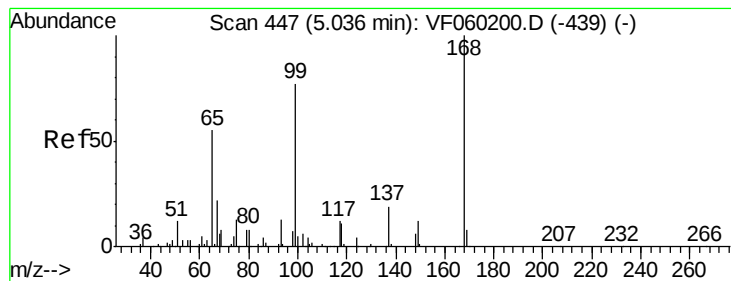
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VF060239.D

Acq: 10 Sep 2018 17:15

Instrument :

MSVOA_F

ClientSampleId :

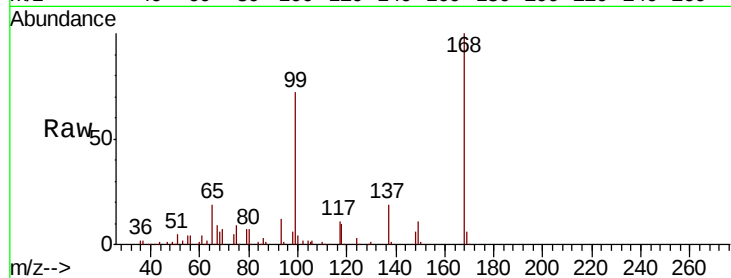
EP1-Q2-I7

Tot Ion:168 Resp: 172930

Ion Ratio Lower Upper

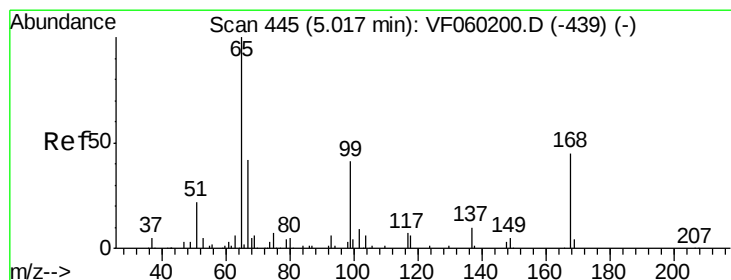
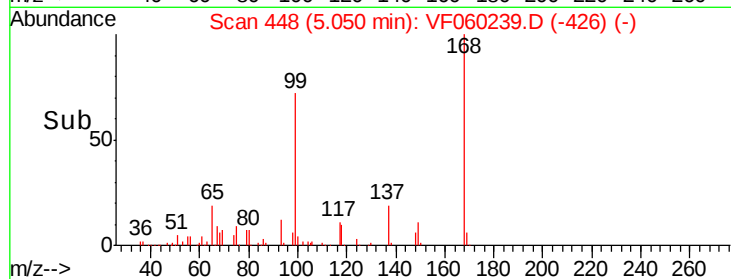
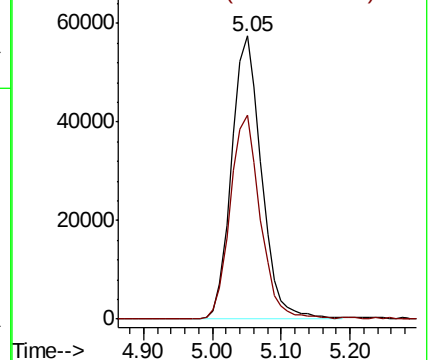
168 100

99 72.1 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 32.21 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060239.D

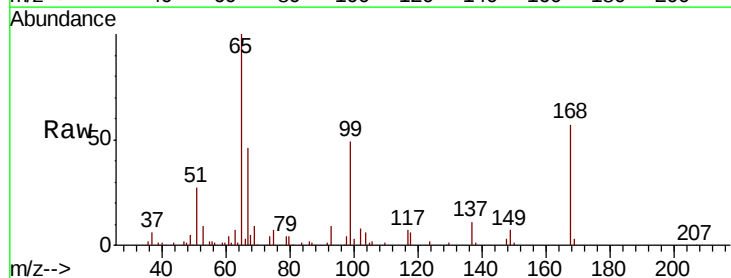
Acq: 10 Sep 2018 17:15

Tgt Ion: 65 Resp: 97302

Ion Ratio Lower Upper

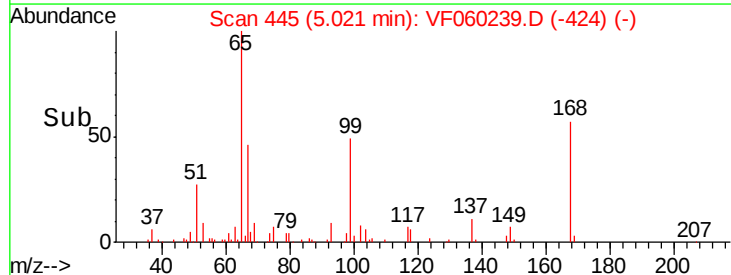
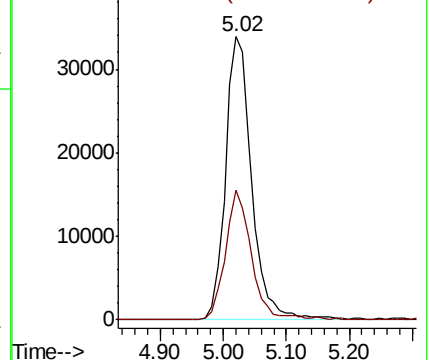
65 100

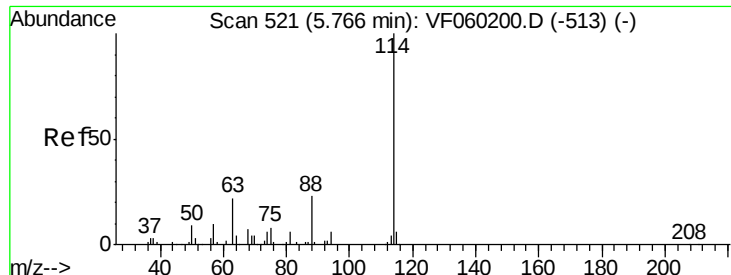
67 45.9 0.0 87.2



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: 5.77 min Scan# 521

Delta R.T. 0.00 min

Lab File: VF060239.D

Acq: 10 Sep 2018 17:15

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-I7

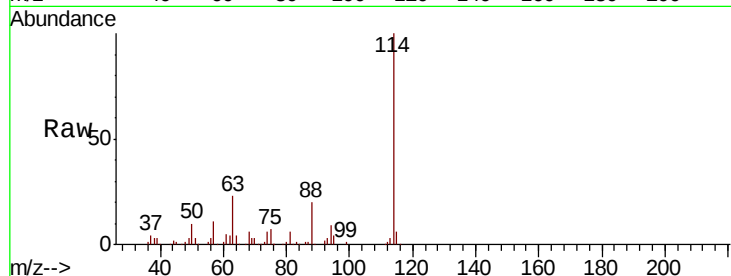
Tot Ion:114 Resp: 237723

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

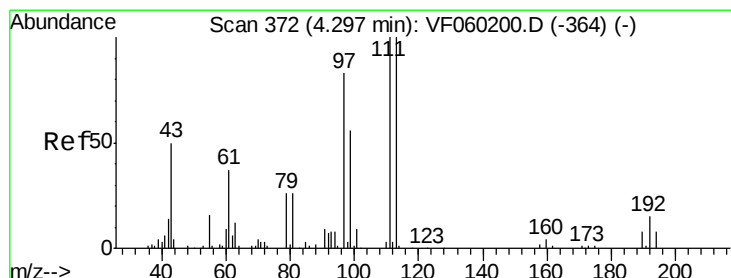
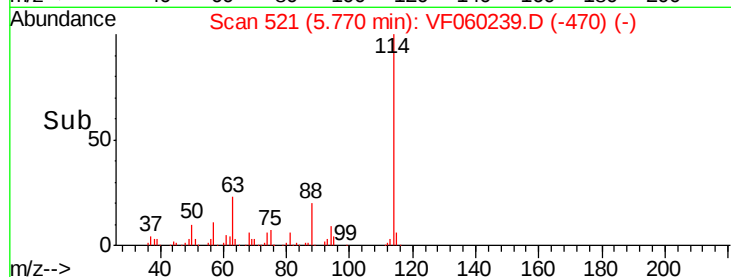
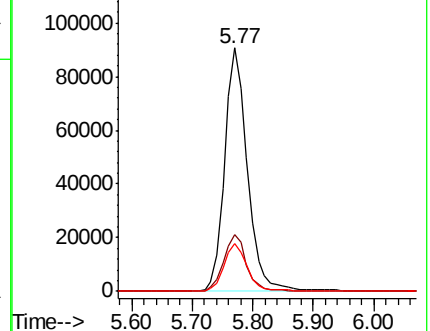
88 19.7 0.0 46.4



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: 36.70 ug/l

RT: 4.30 min Scan# 372

Delta R.T. 0.00 min

Lab File: VF060239.D

Acq: 10 Sep 2018 17:15

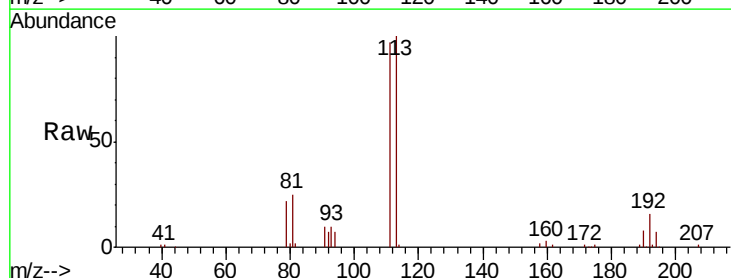
Tgt Ion:113 Resp: 85478

Ion Ratio Lower Upper

113 100

111 96.8 80.2 120.2

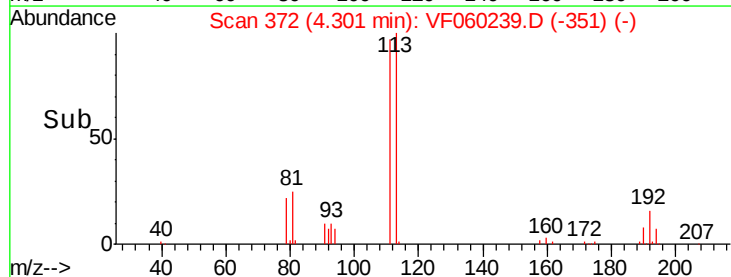
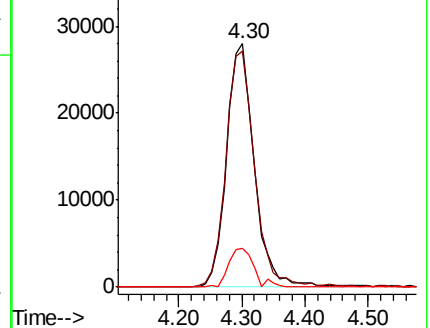
192 16.1 11.8 17.8

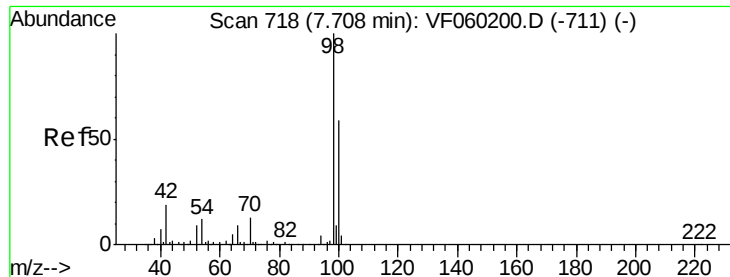


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

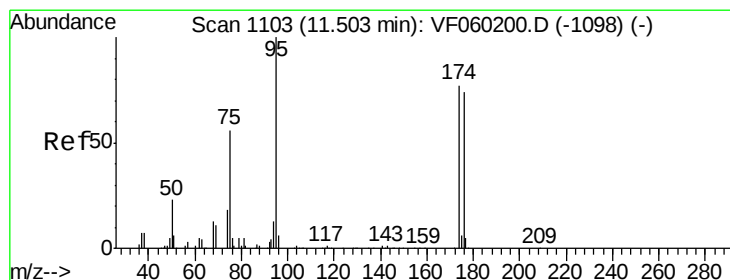
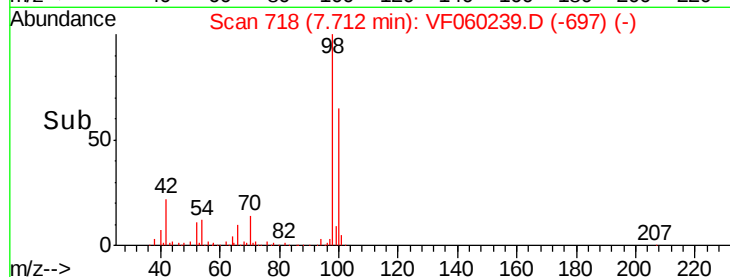
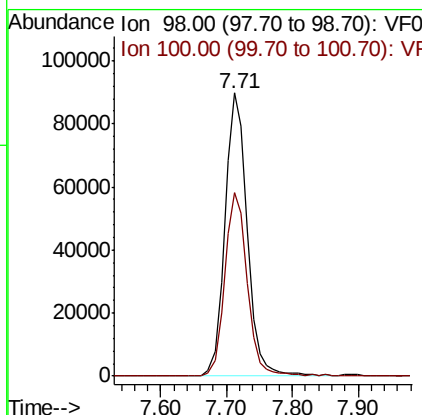
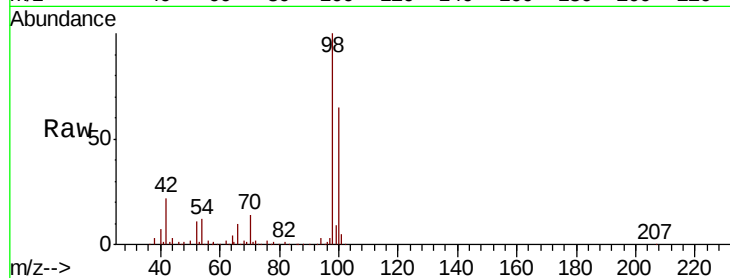




#50
Toluene-d8
Concen: 36.71 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060239.D
Acq: 10 Sep 2018 17:15

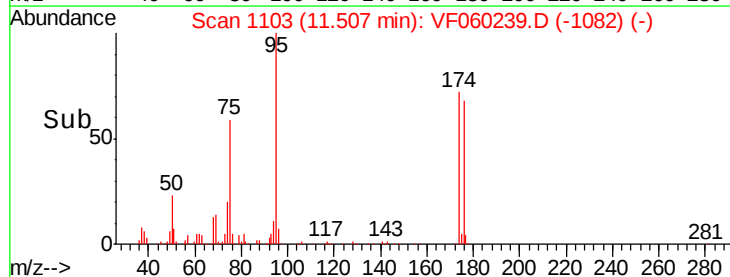
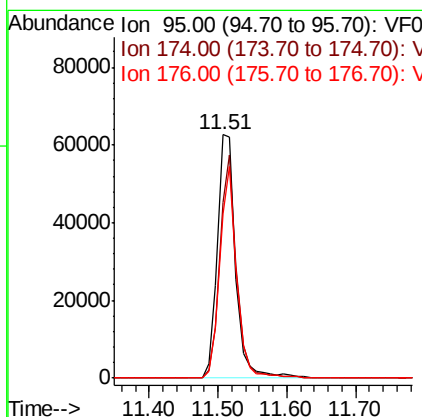
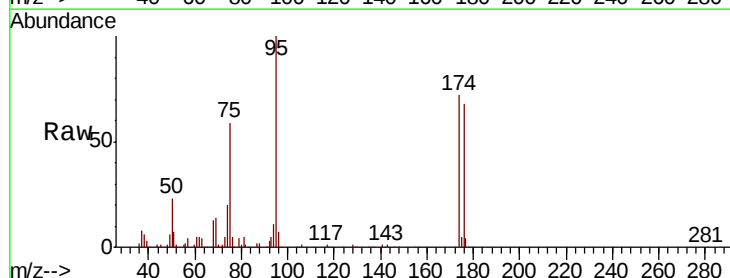
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-I7

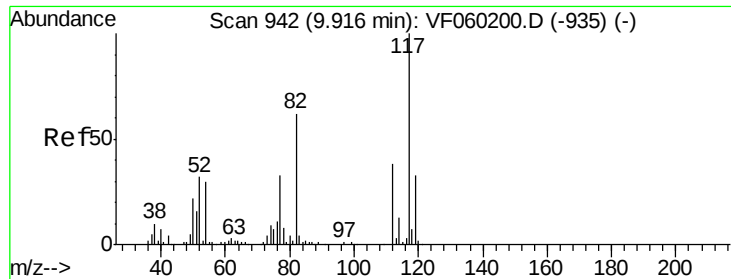
Tot Ion: 98 Resp: 213372
Ion Ratio Lower Upper
98 100
100 64.7 47.4 71.0



#62
4-Bromofluorobenzene
Concen: 35.29 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060239.D
Acq: 10 Sep 2018 17:15

Tgt Ion: 95 Resp: 115721
Ion Ratio Lower Upper
95 100
174 72.1 0.0 153.2
176 67.6 0.0 147.2

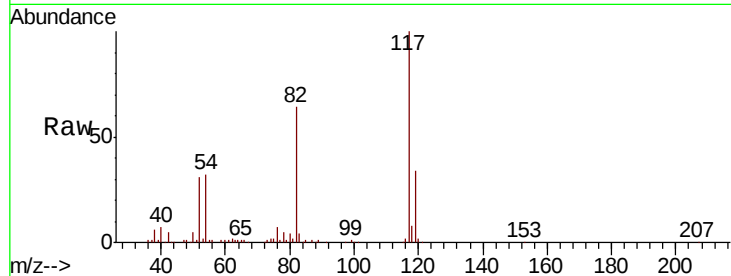




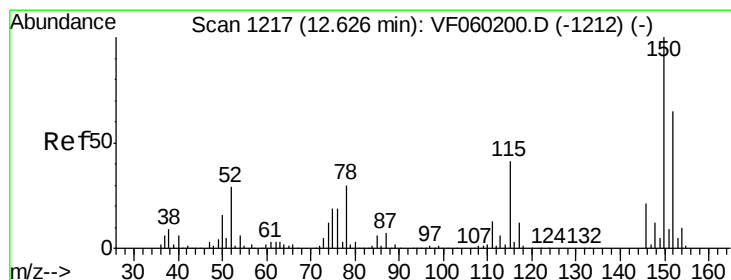
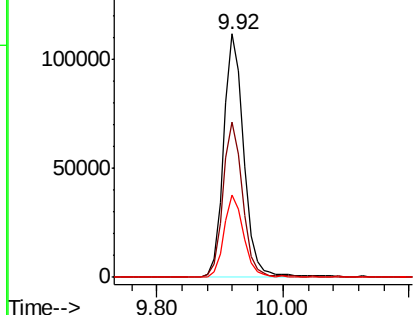
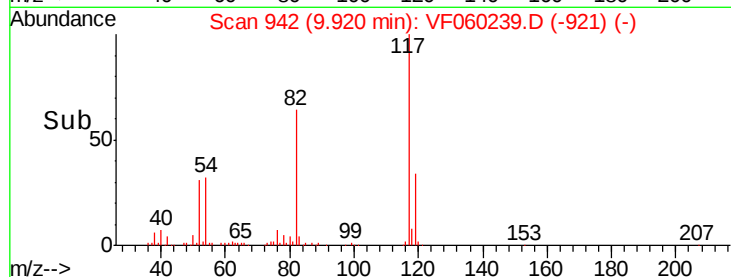
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060239.D
Acq: 10 Sep 2018 17:15

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-I7

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.9	49.3	73.9
119	33.7	26.5	39.7

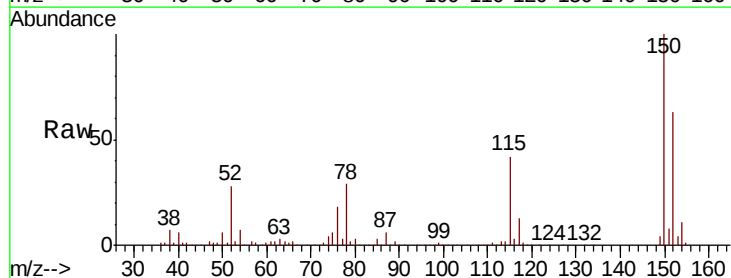


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

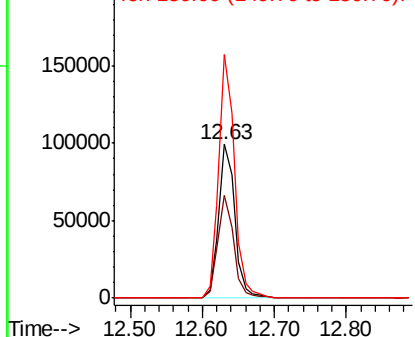
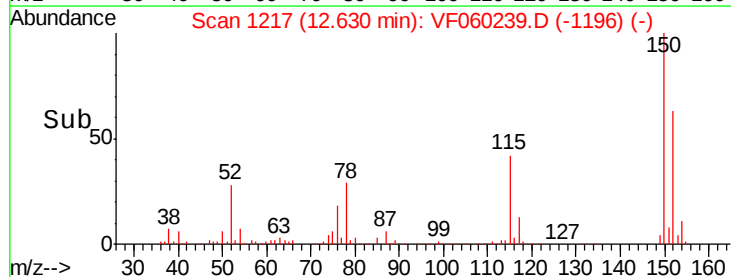


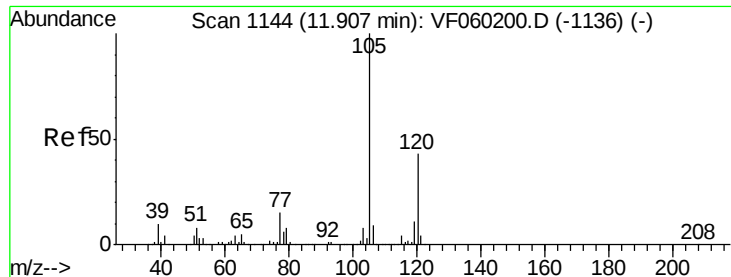
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060239.D
Acq: 10 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	31.5	94.5
150	158.3	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: 1.81 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF060239.D

Acq: 10 Sep 2018 17:15

Instrument :

MSVOA_F

ClientSampleId :

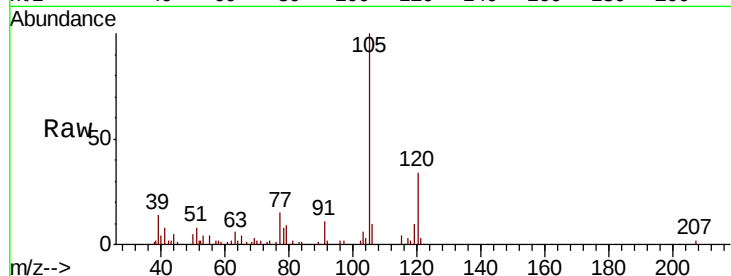
EP1-Q2-I7

Tot Ion:105 Resp: 16891

Ion Ratio Lower Upper

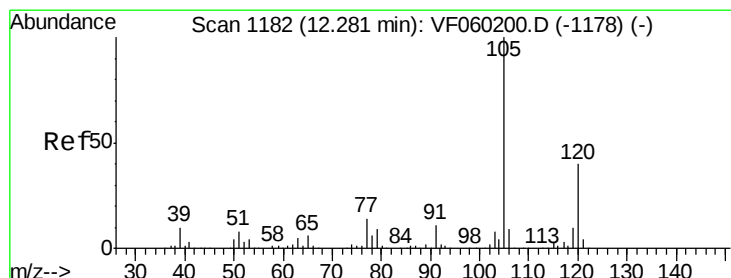
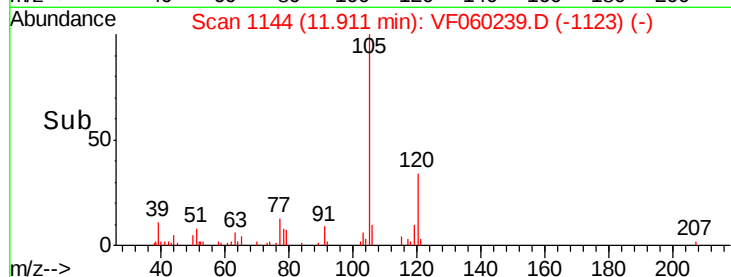
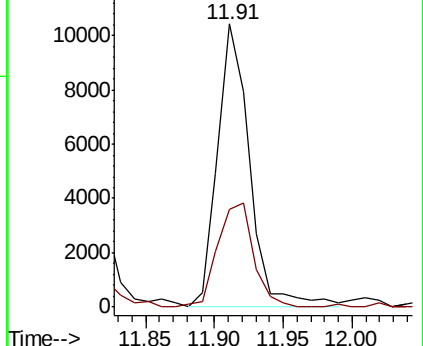
105 100

120 34.4 21.6 64.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.07 ug/l

RT: 12.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VF060239.D

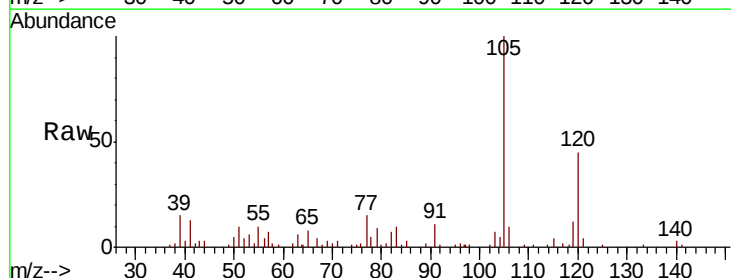
Acq: 10 Sep 2018 17:15

Tgt Ion:105 Resp: 29009

Ion Ratio Lower Upper

105 100

120 45.0 20.2 60.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

