

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002359.D
 Acq On : 06 Jun 2018 18:09
 Operator : JC/MD
 Sample : J3312-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-03

Quant Time: Jun 18 12:50:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

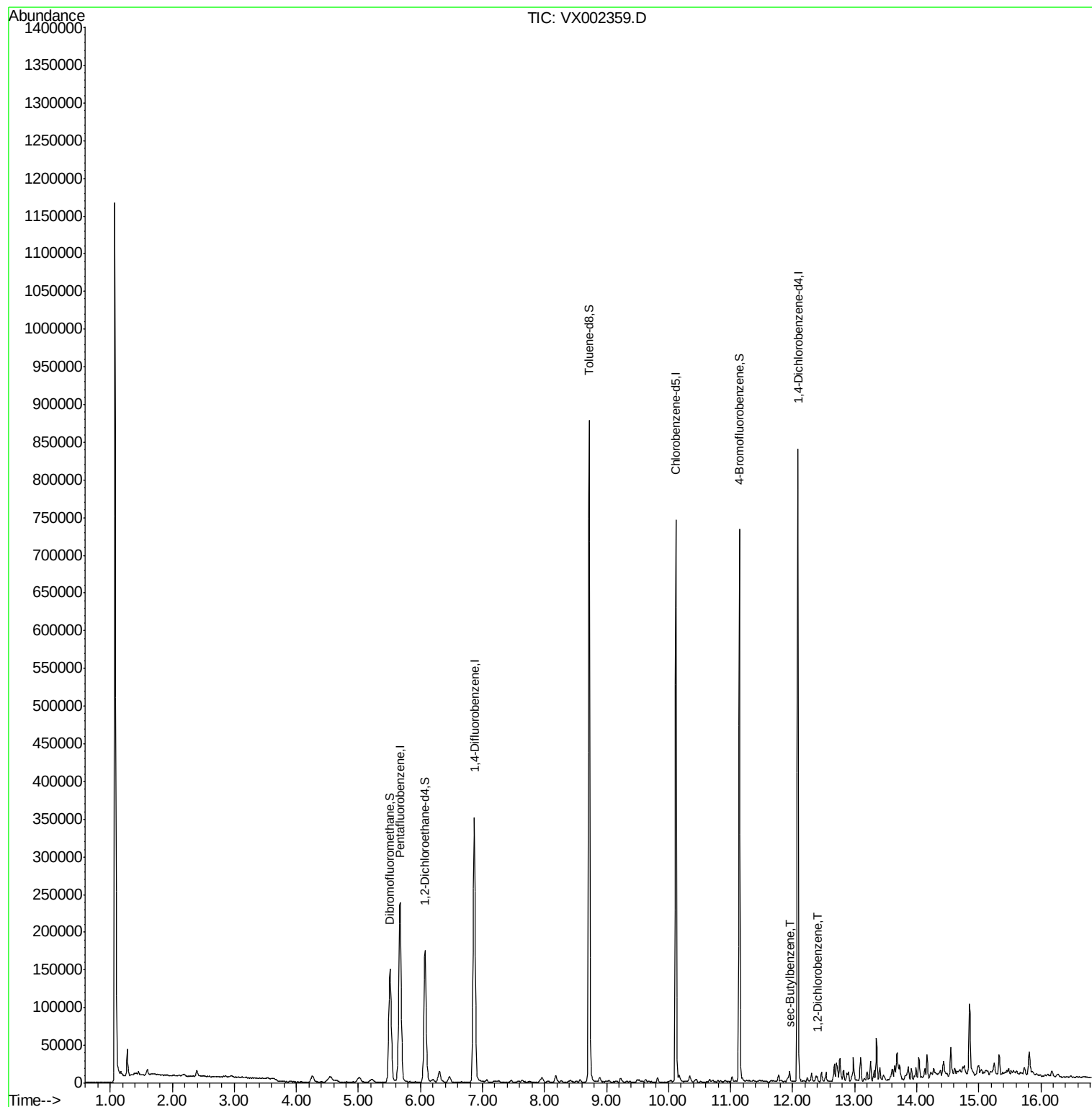
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348010	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165746	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	5.51	113	123846	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
50) Toluene-d8	8.72	98	497887	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	171126	42.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.60%	
Target Compounds						
85) sec-Butylbenzene	11.95	105	5875	0.50	ug/l	79
91) 1,2-Dichlorobenzene	12.40	146	1271	0.21	ug/l	98

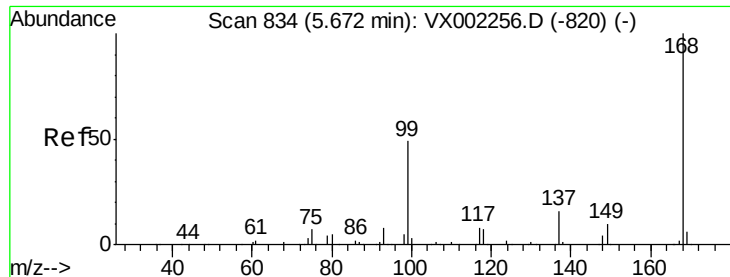
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

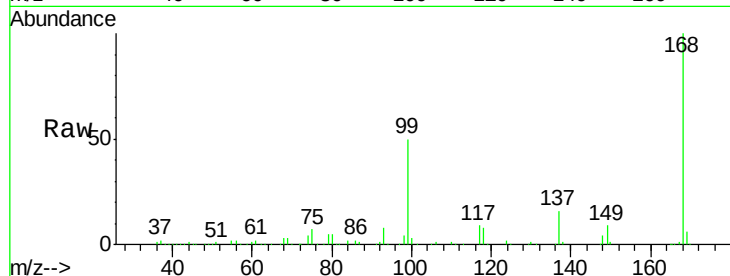
PW-03

Tot Ion:168 Resp: 236186

Ion Ratio Lower Upper

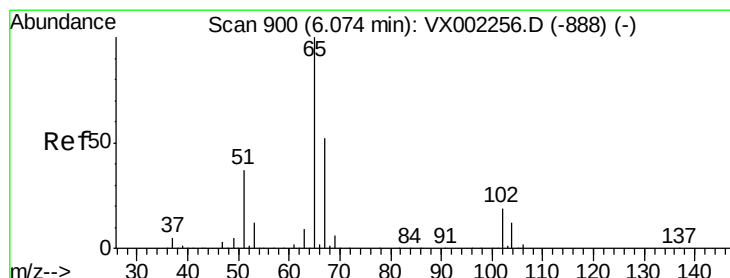
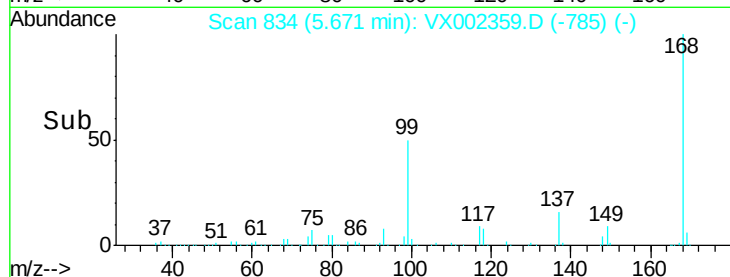
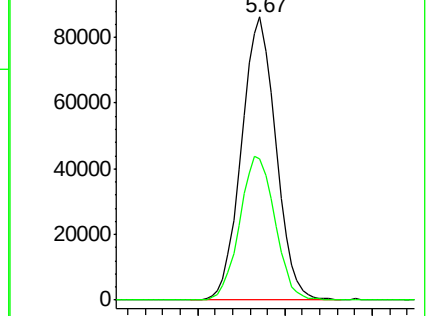
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.01 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002359.D

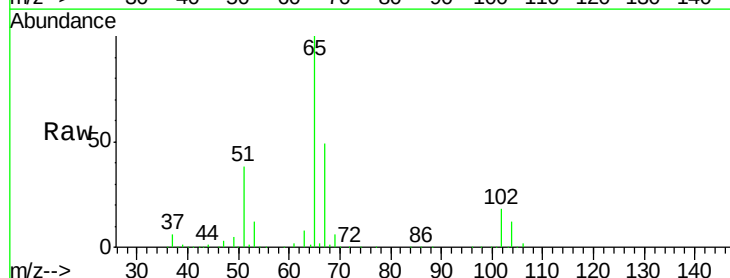
Acq: 06 Jun 2018 18:09

Tgt Ion: 65 Resp: 165746

Ion Ratio Lower Upper

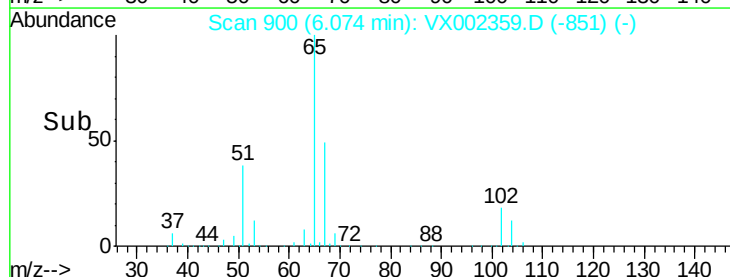
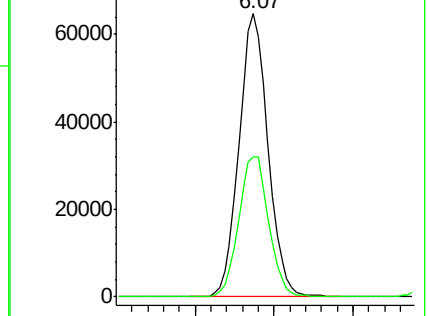
65 100

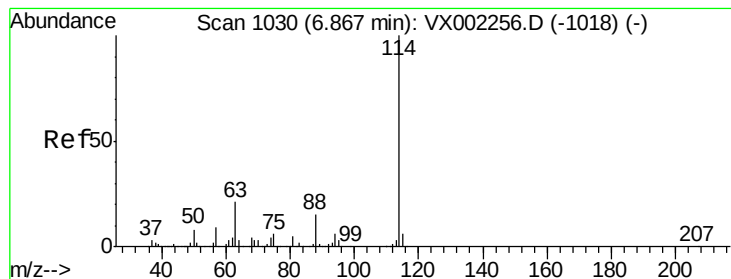
67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002359.D

Acq: 06 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

PW-03

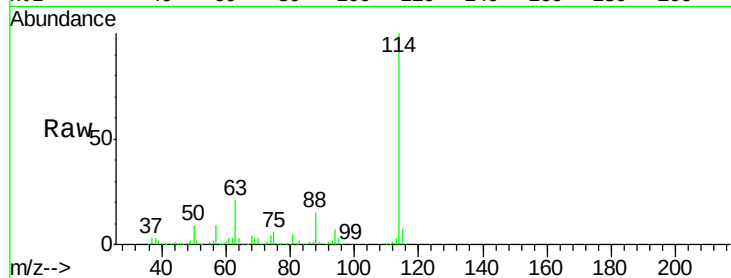
Tot Ion:114 Resp: 348010

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

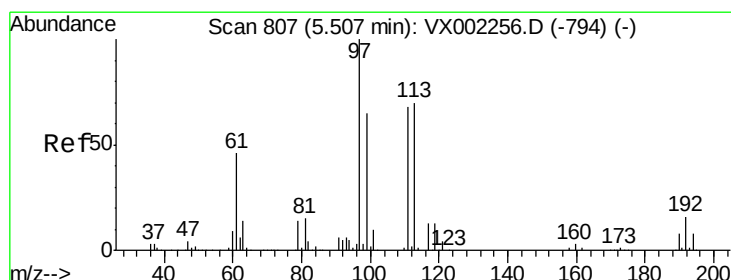
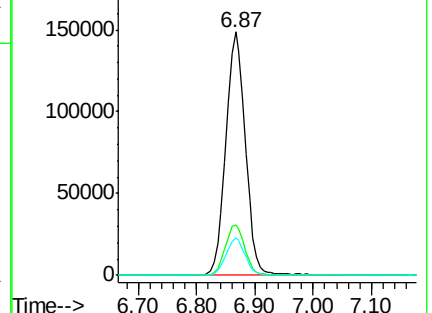
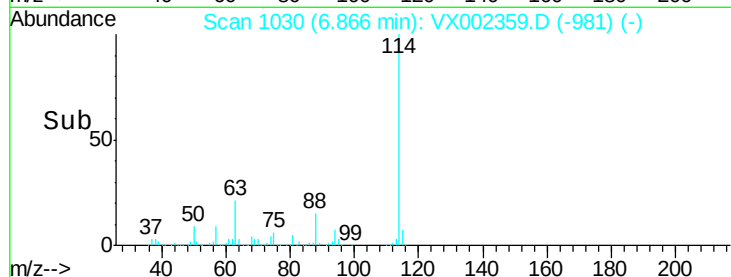
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002359.D

Acq: 06 Jun 2018 18:09

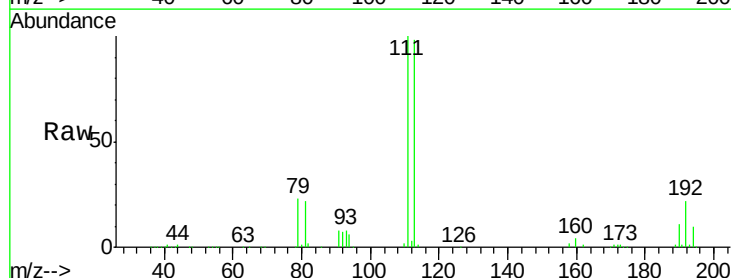
Tgt Ion:113 Resp: 123846

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

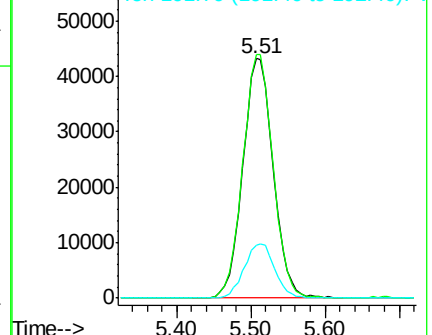
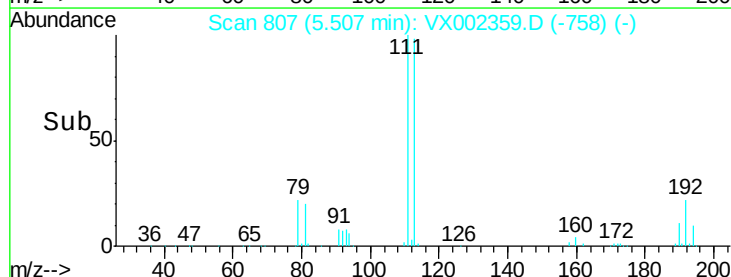
192 22.8 19.1 28.7

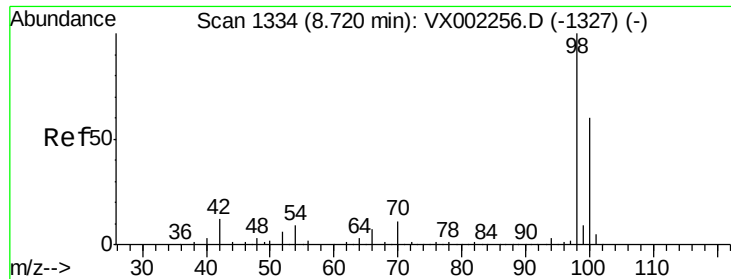


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

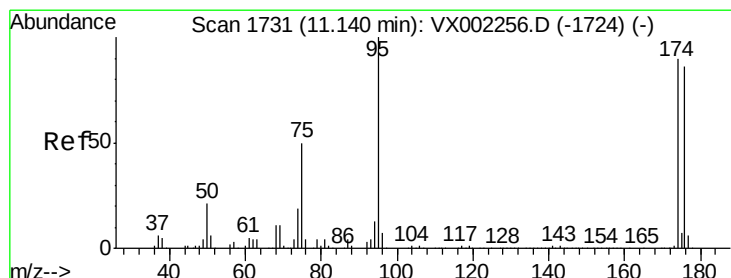
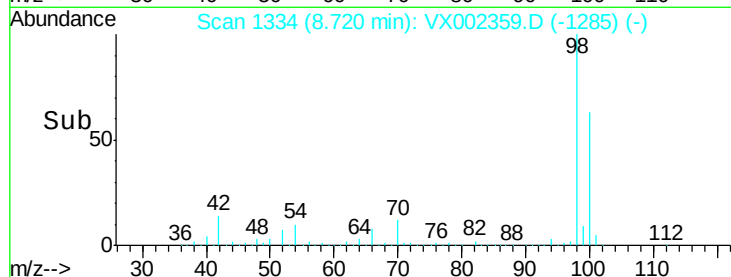
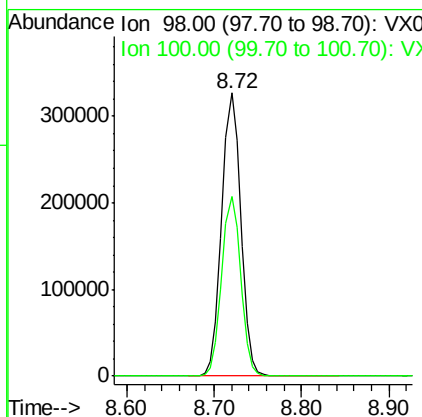
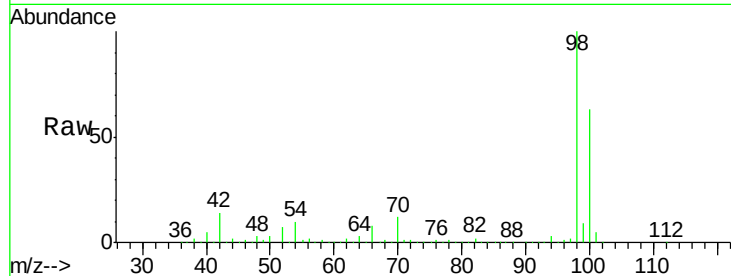




#50
Toluene-d8
Concen: 47.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002359.D
Acq: 06 Jun 2018 18:09

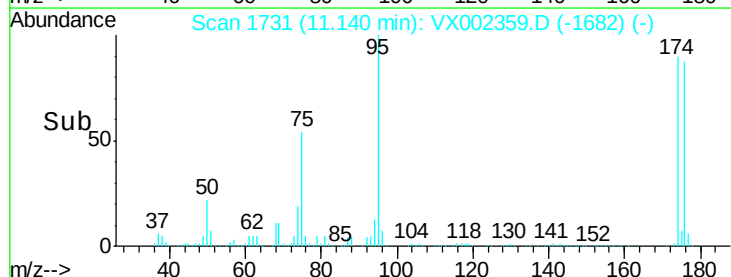
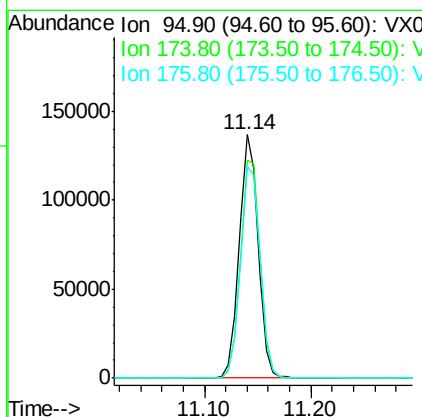
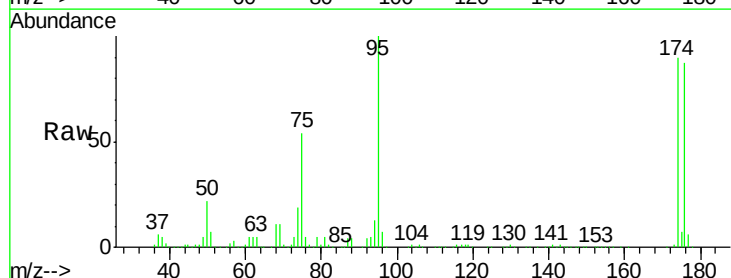
Instrument :
MSVOA_X
ClientSampled :
PW-03

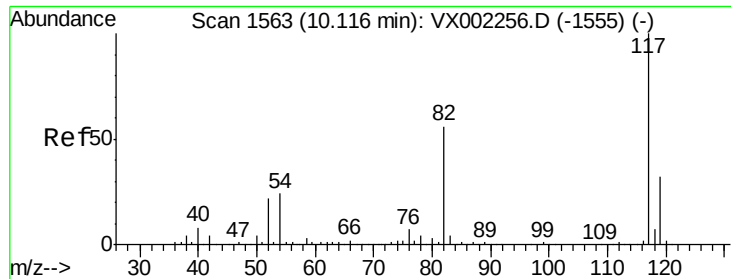
Tot Ion: 98 Resp: 497887
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.30 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002359.D
Acq: 06 Jun 2018 18:09

Tgt Ion: 95 Resp: 171126
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.4
176 90.4 0.0 181.0

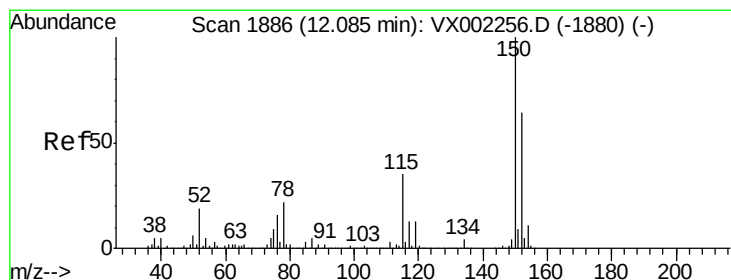
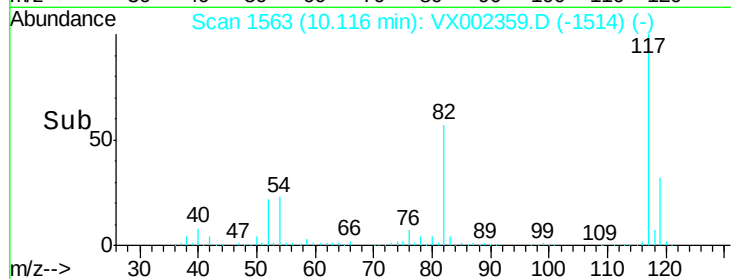
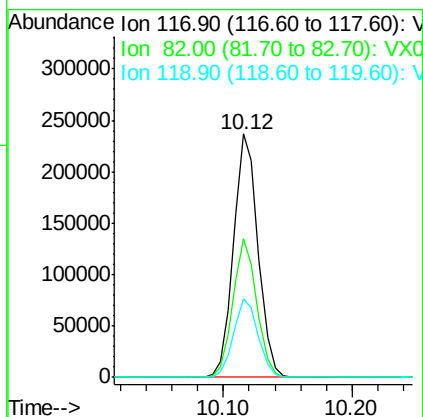
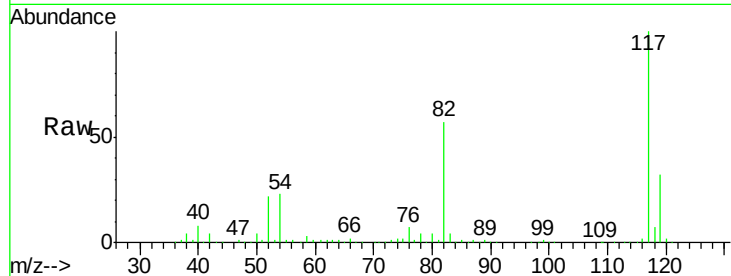




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002359.D
Acq: 06 Jun 2018 18:09

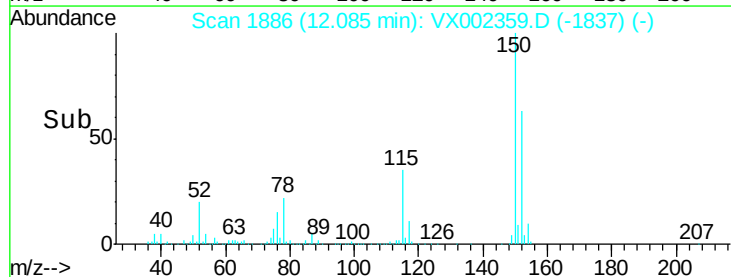
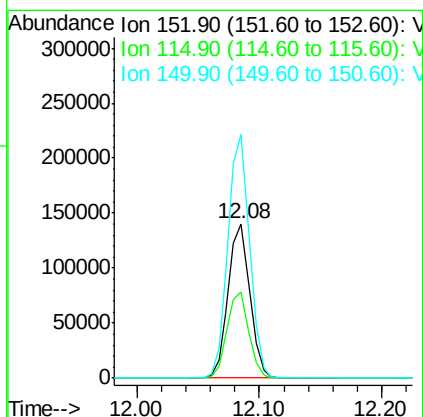
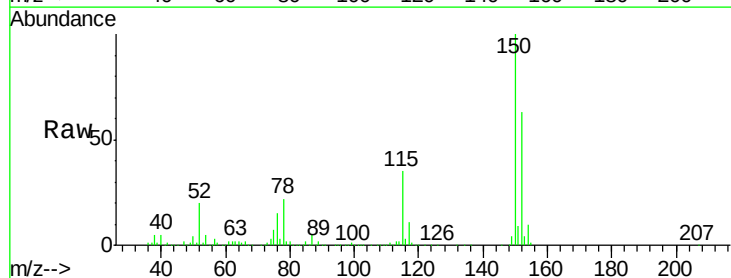
Instrument :
MSVOA_X
ClientSampleId :
PW-03

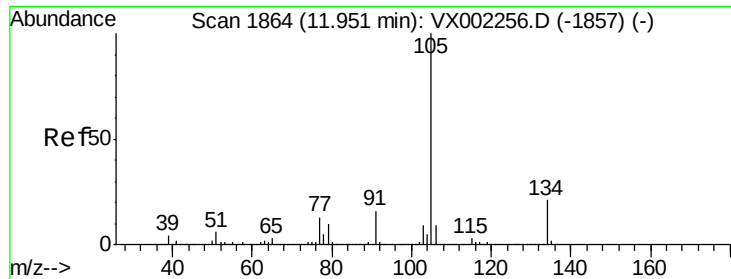
Tot Ion:117 Resp: 313915
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002359.D
Acq: 06 Jun 2018 18:09

Tgt Ion:152 Resp: 171215
Ion Ratio Lower Upper
152 100
115 55.6 40.1 120.2
150 157.9 0.0 347.2





#85

sec-Butylbenzene

Concen: 0.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002359.D

Acq: 06 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampled :

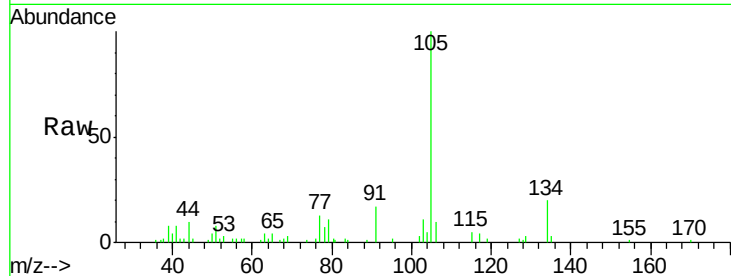
PW-03

Tot Ion:105 Resp: 5875

Ion Ratio Lower Upper

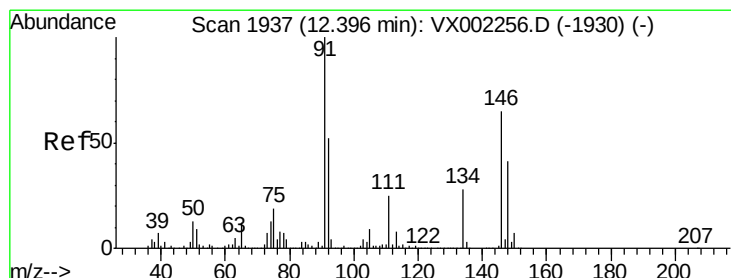
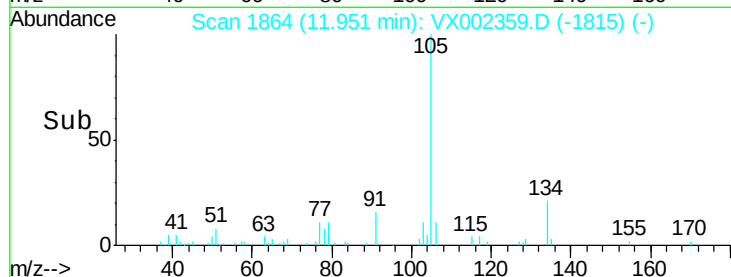
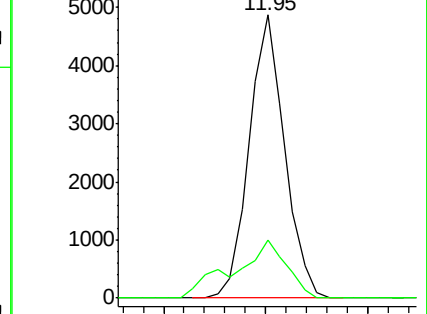
105 100

134 30.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 0.21 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002359.D

Acq: 06 Jun 2018 18:09

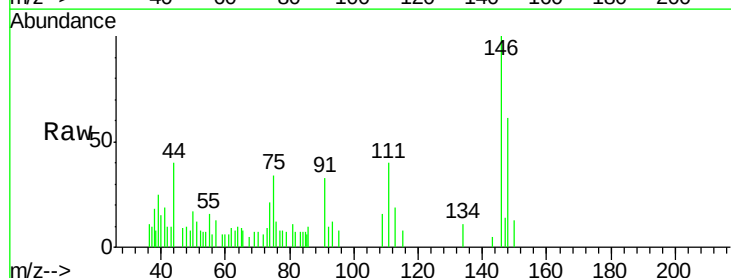
Tgt Ion:146 Resp: 1271

Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.1

148 65.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

