

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010169.D
 Acq On : 10 Jun 2019 11:52
 Operator : JC/SP
 Sample : K3221-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20190605

Quant Time: Jun 11 10:36:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

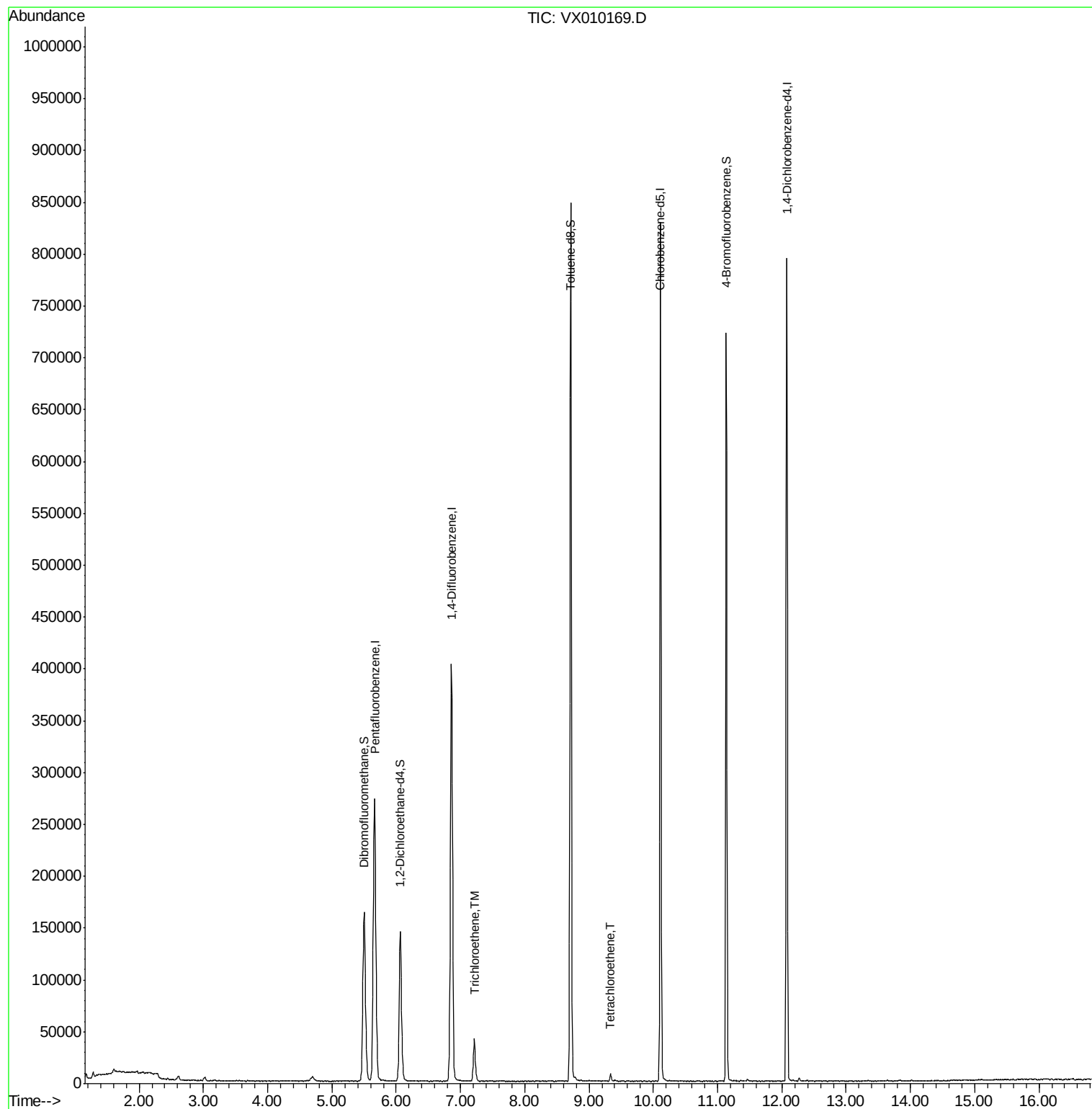
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	397689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130259	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
35) Dibromofluoromethane	5.50	113	137111	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	526290	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	179078	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
44) Trichloroethene	7.21	130	16766	4.912	ug/l	86
64) Tetrachloroethene	9.34	164	1314	0.445	ug/l	90

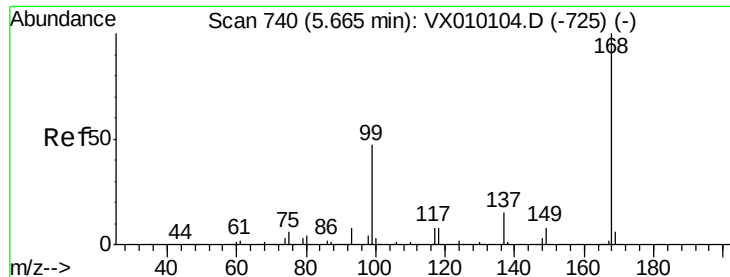
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 02:12:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010169.D

Acq: 10 Jun 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

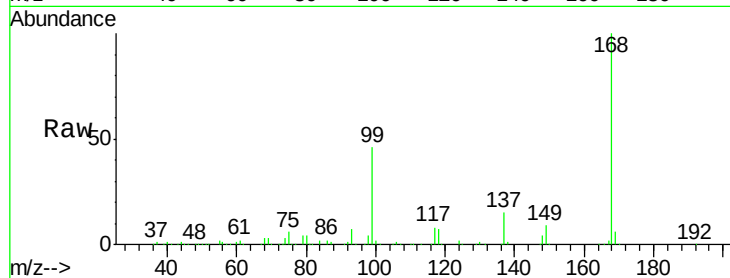
BPS1-TT-MW309S-20190605

Tot Ion:168 Resp: 297364

Ion Ratio Lower Upper

168 100

99 46.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

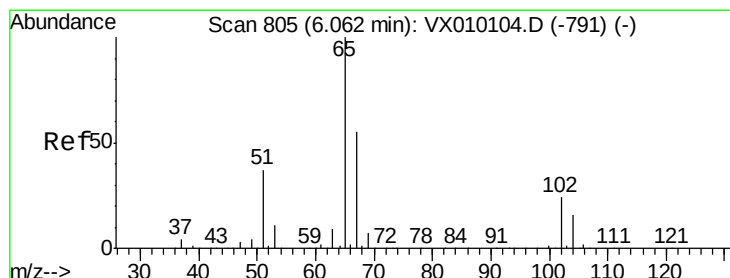
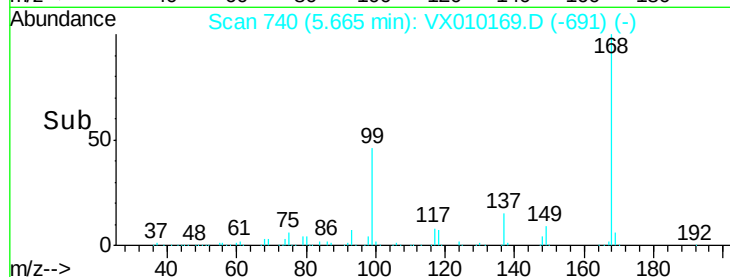
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.876 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010169.D

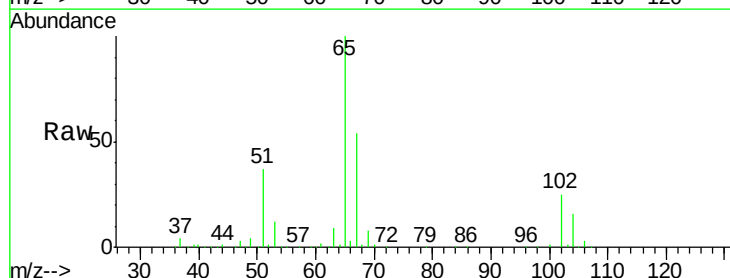
Acq: 10 Jun 2019 11:52

Tgt Ion: 65 Resp: 130259

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

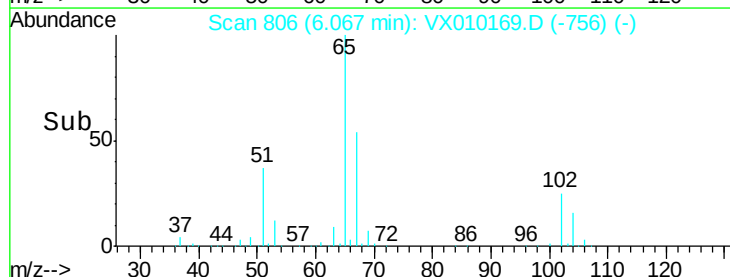
30000

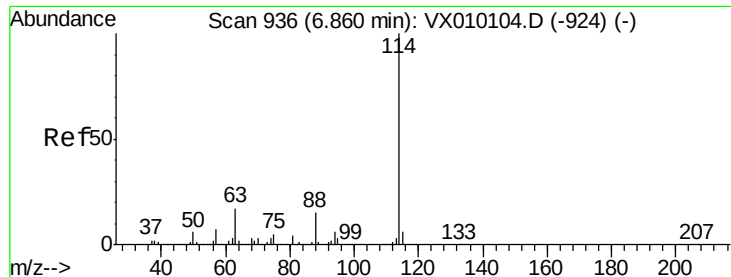
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010169.D

Acq: 10 Jun 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190605

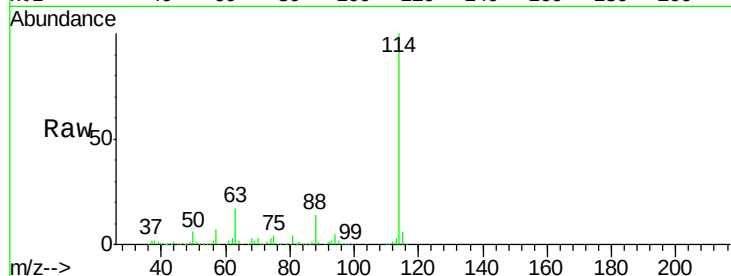
Tot Ion:114 Resp: 448862

Ion Ratio Lower Upper

114 100

63 16.7 0.0 47.4

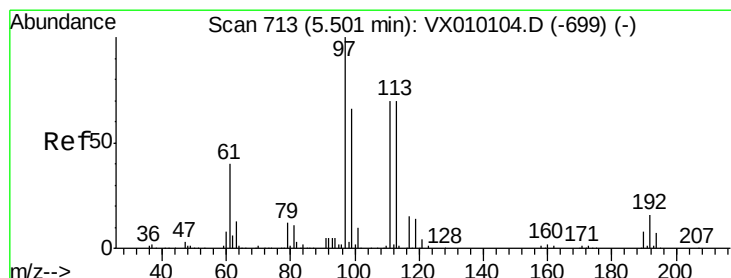
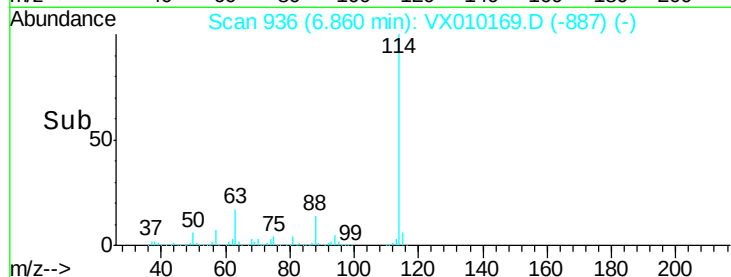
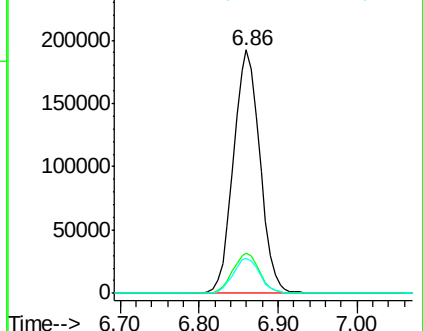
88 14.3 0.0 33.0



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: 49.522 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010169.D

Acq: 10 Jun 2019 11:52

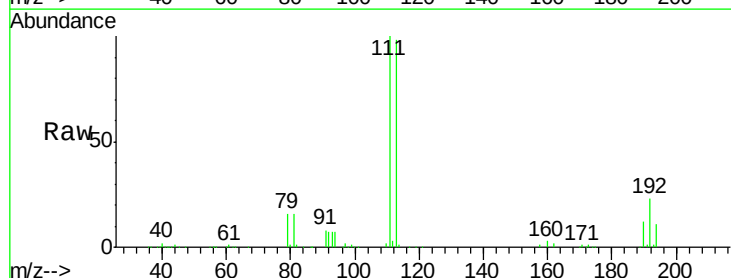
Tgt Ion:113 Resp: 137111

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

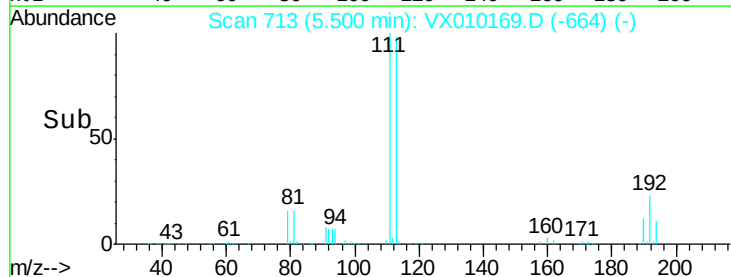
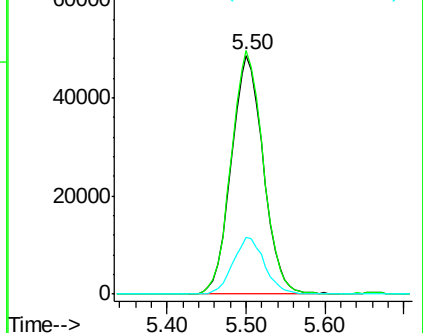
192 23.4 17.1 25.7

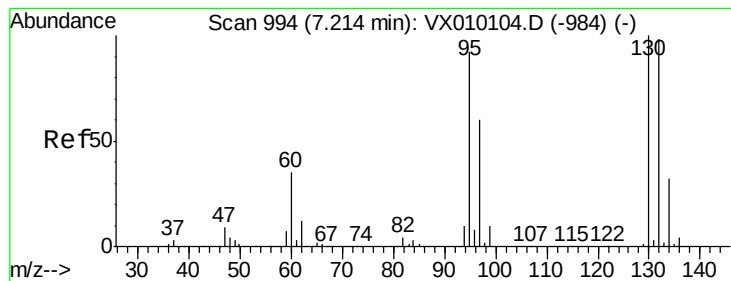


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.912 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010169.D

Acq: 10 Jun 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

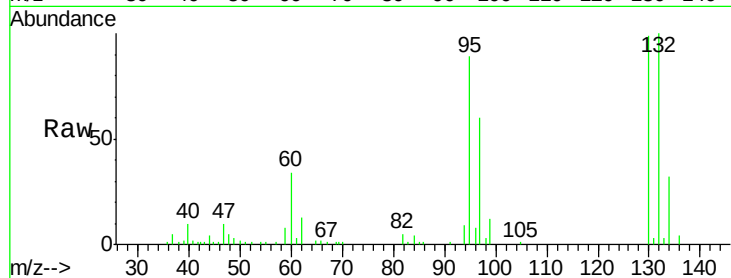
BPS1-TT-MW309S-20190605

Tot Ion:130 Resp: 16766

Ion Ratio Lower Upper

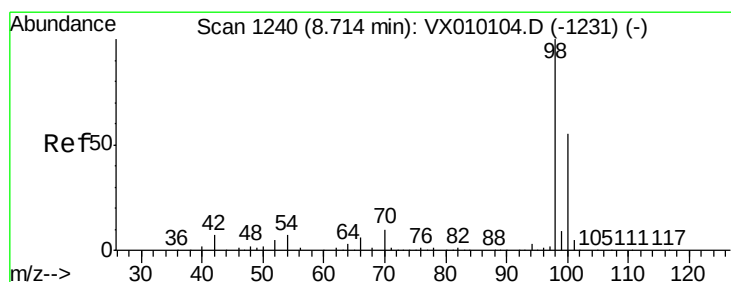
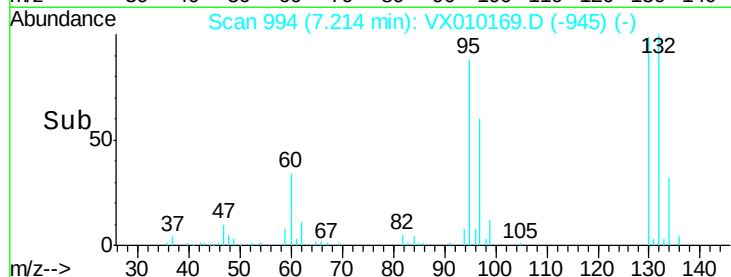
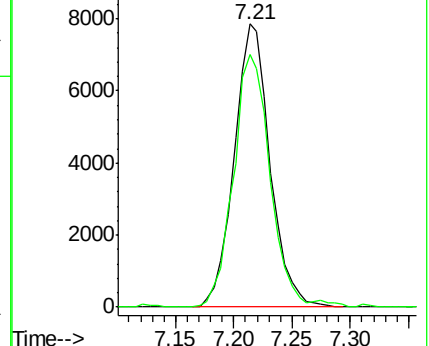
130 100

95 89.2 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.719 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010169.D

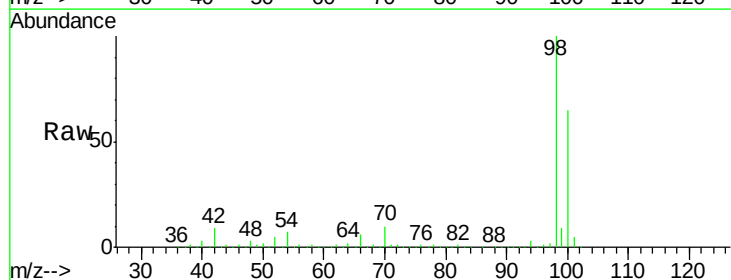
Acq: 10 Jun 2019 11:52

Tgt Ion: 98 Resp: 526290

Ion Ratio Lower Upper

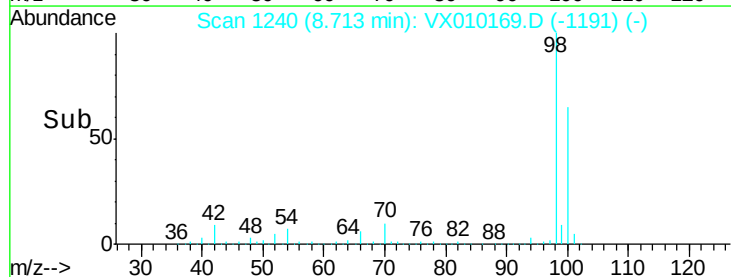
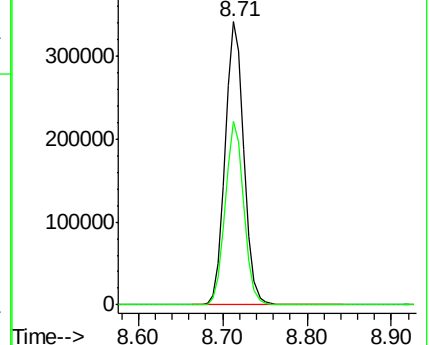
98 100

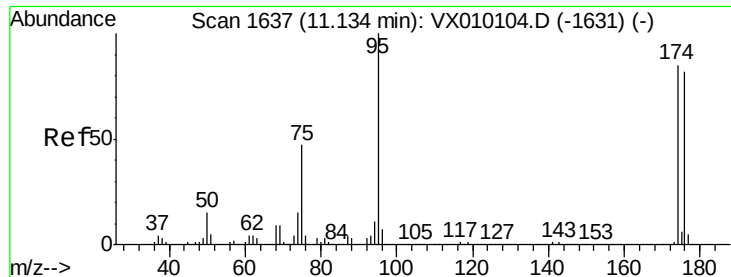
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

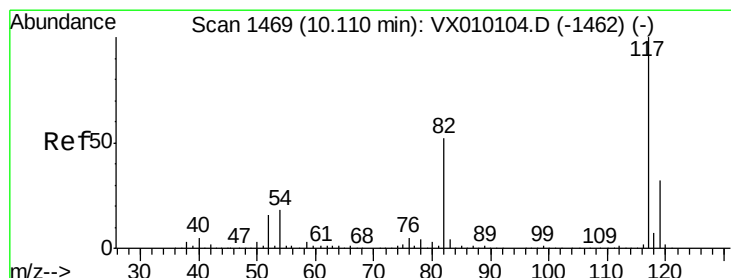
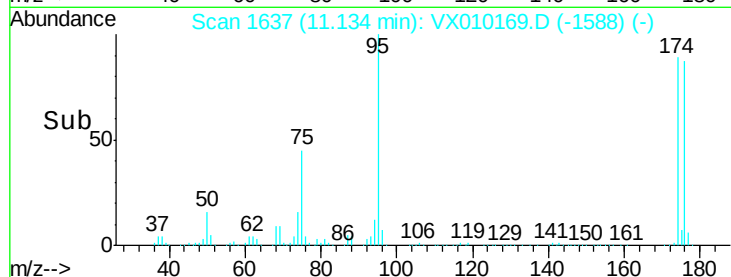
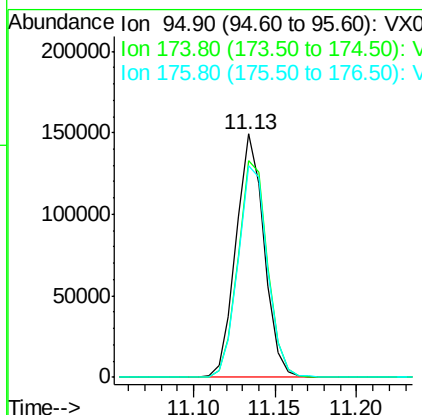
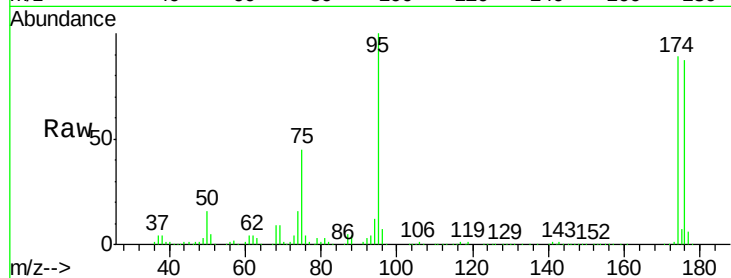




#62
4-Bromofluorobenzene
Concen: 46.211 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010169.D
Acq: 10 Jun 2019 11:52

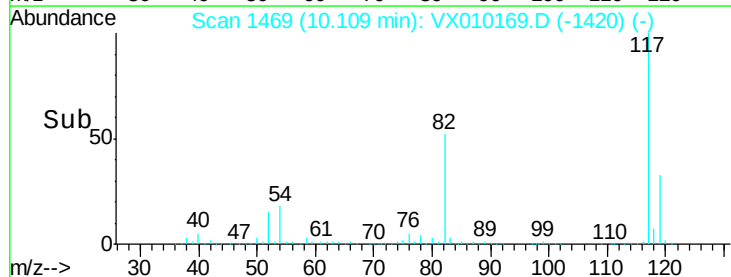
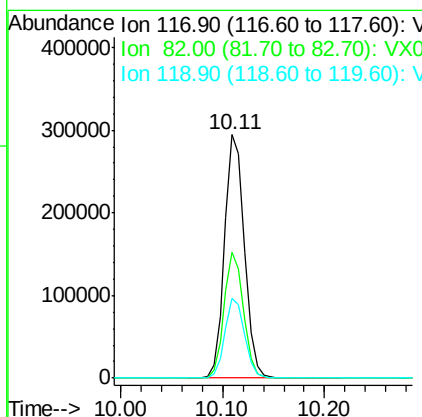
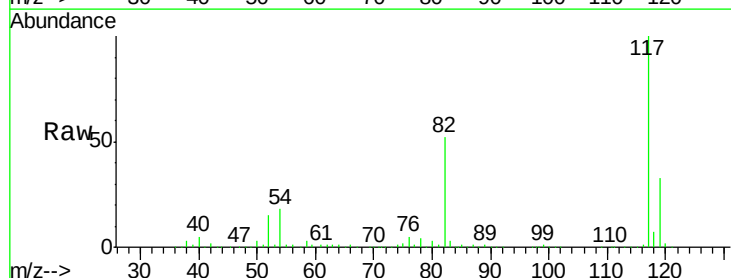
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20190605

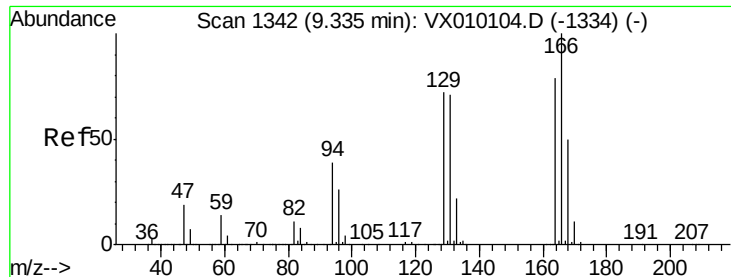
Tot Ion: 95 Resp: 179078
Ion Ratio Lower Upper
95 100
174 93.8 0.0 160.4
176 91.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010169.D
Acq: 10 Jun 2019 11:52

Tgt Ion: 117 Resp: 397689
Ion Ratio Lower Upper
117 100
82 51.8 49.2 73.8
119 32.9 25.2 37.8





#64

Tetrachloroethene

Concen: 0.445 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010169.D

Acq: 10 Jun 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190605

Tot Ion:164 Resp: 1314

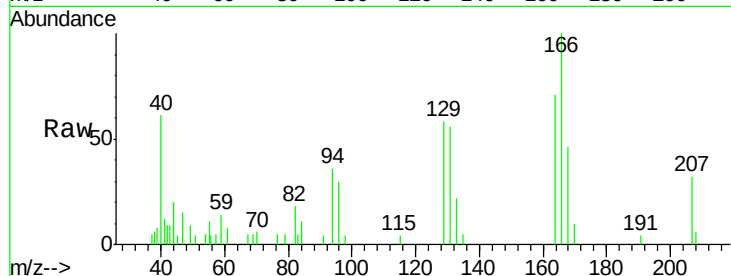
Ion Ratio Lower Upper

164 100

166 141.0 105.0 157.4

129 82.4 75.1 112.7

131 79.6 72.2 108.4

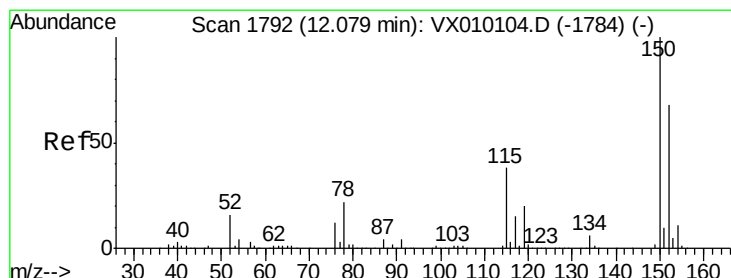
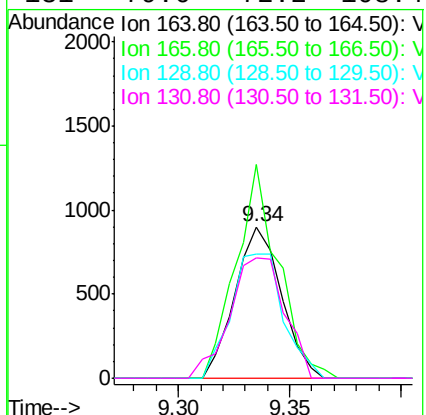
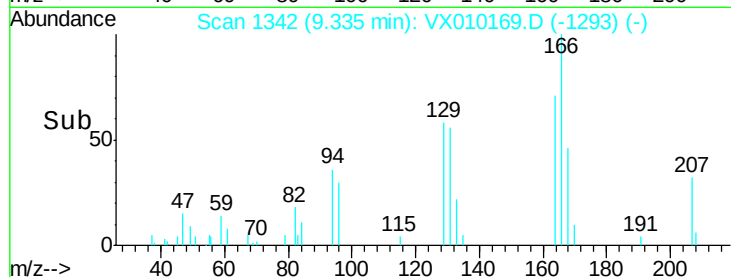


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010169.D

Acq: 10 Jun 2019 11:52

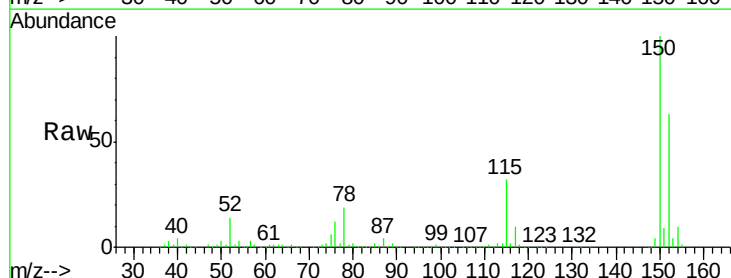
Tgt Ion:152 Resp: 185941

Ion Ratio Lower Upper

152 100

115 54.0 41.4 124.2

150 157.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

