

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010168.D
 Acq On : 10 Jun 2019 11:28
 Operator : JC/SP
 Sample : K3221-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Quant Time: Jun 11 07:01:26 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

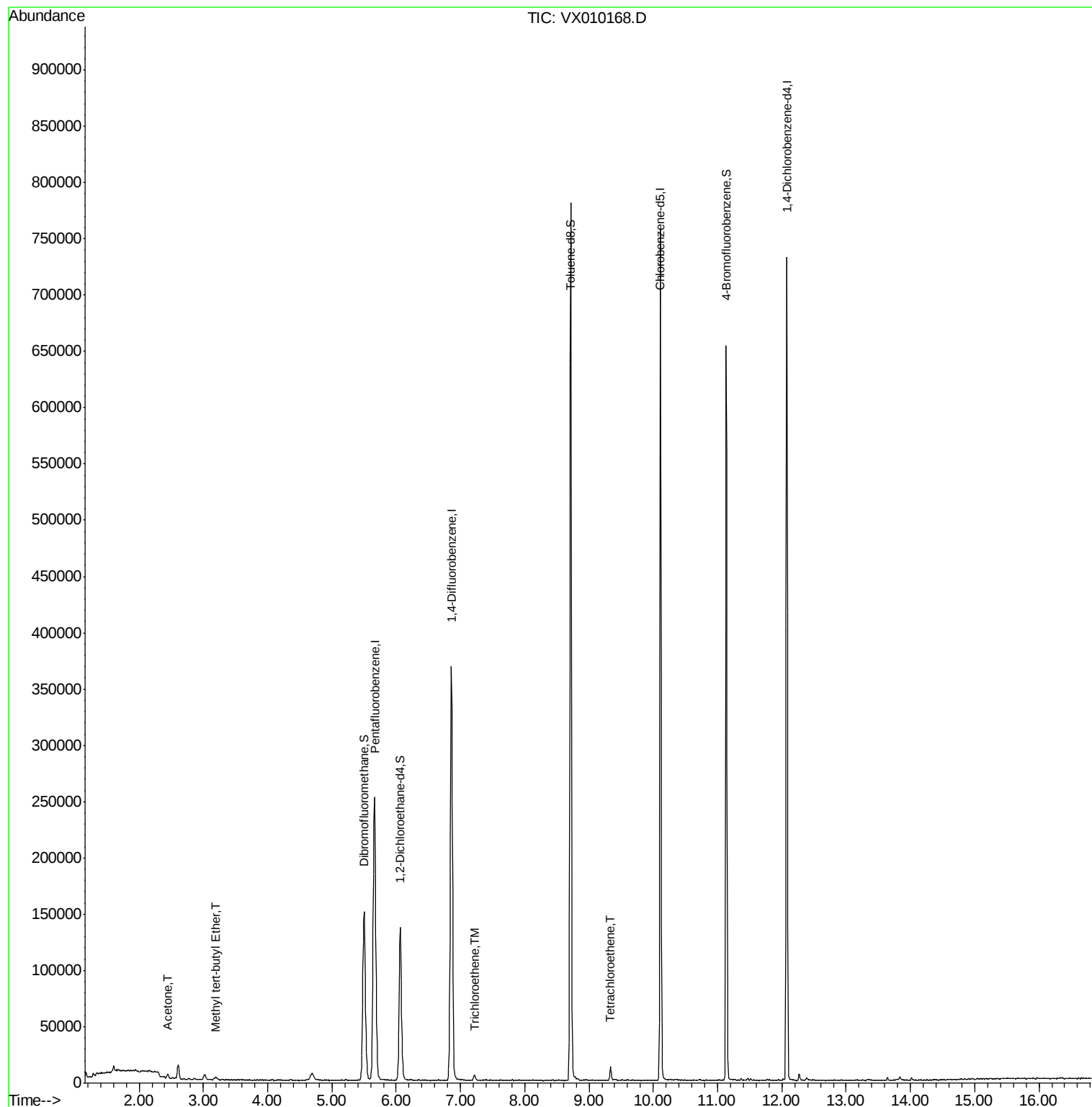
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122393	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
35) Dibromofluoromethane	5.50	113	128575	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	8.71	98	483182	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	164282	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
16) Acetone	2.45	43	4236	3.329	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	2552	0.319	ug/l	99
44) Trichloroethene	7.21	130	1780	0.565	ug/l	94
64) Tetrachloroethene	9.34	164	2550	0.928	ug/l	89

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

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Quant Title : SW846 8260
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: VX010168.D

Acq: 10 Jun 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

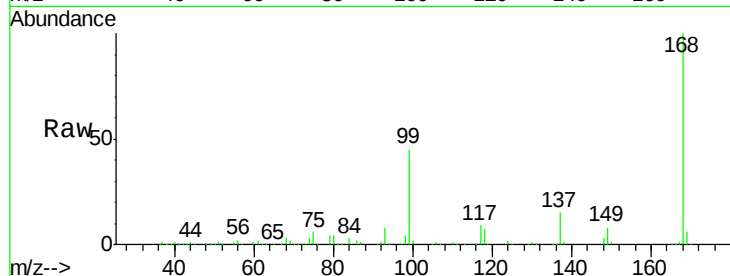
BPS1-TT-MW309D-20190605

Tot Ion:168 Resp: 277185

Ion Ratio Lower Upper

168 100

99 45.4 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

100000

80000

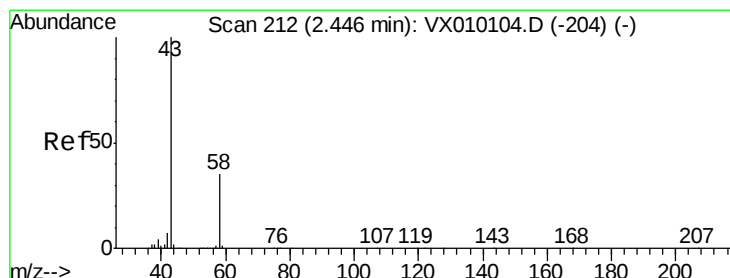
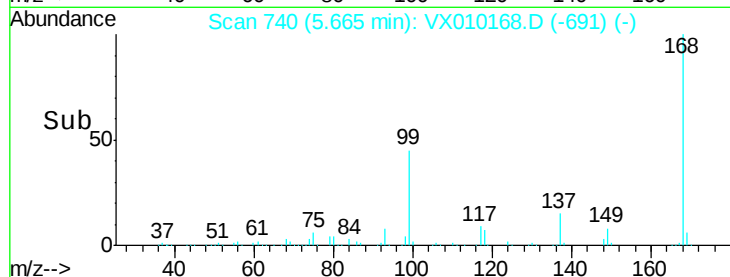
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.329 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010168.D

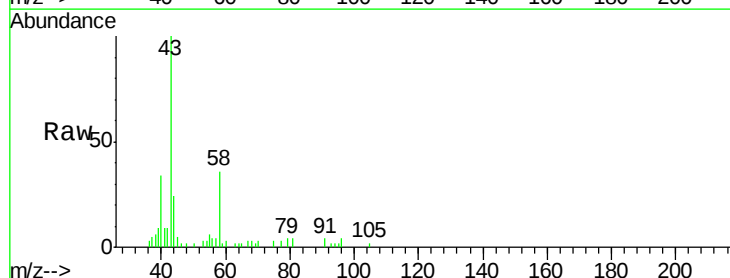
Acq: 10 Jun 2019 11:28

Tgt Ion: 43 Resp: 4236

Ion Ratio Lower Upper

43 100

58 37.7 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

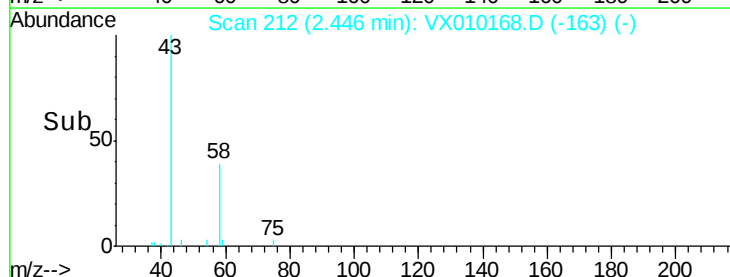
1500

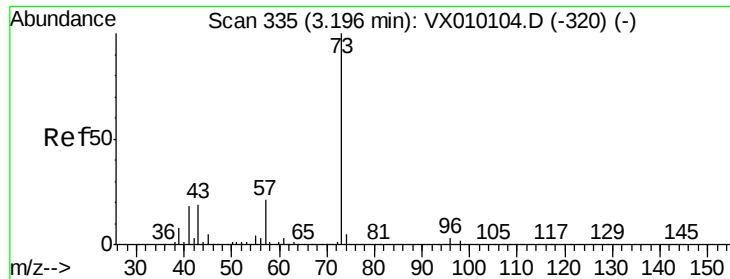
1000

500

0

Time--> 2.40 2.45 2.50

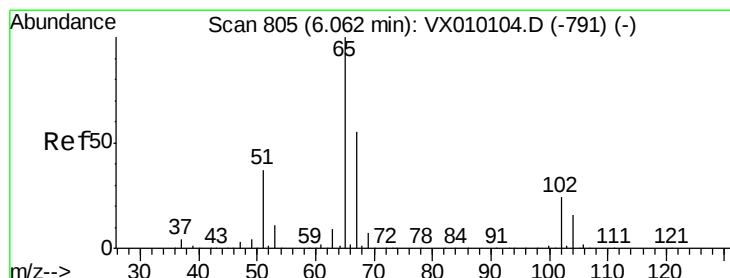
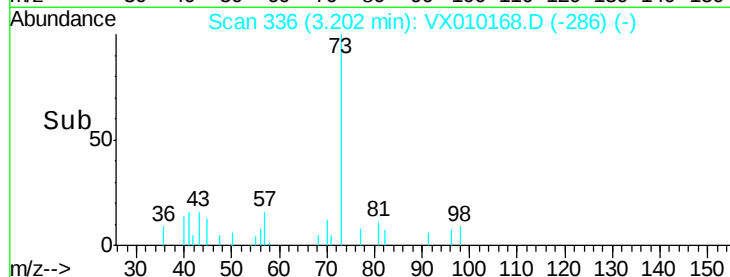
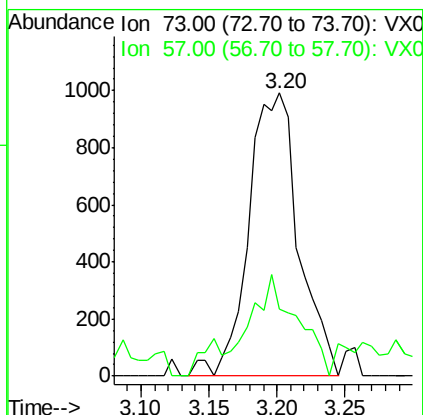
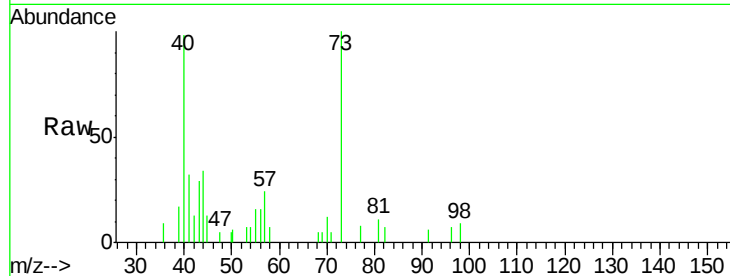




#19
Methvl tert-butvl Ether
Concen: 0.319 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.01 min
Lab File: VX010168.D
Acq: 10 Jun 2019 11:28

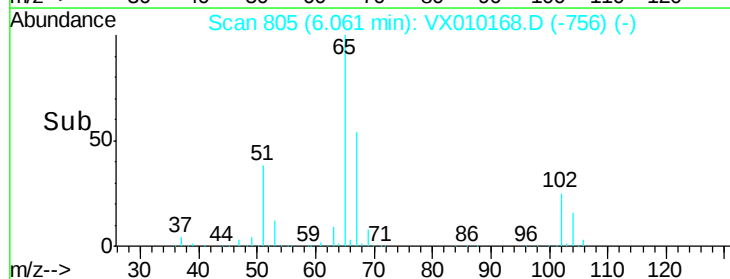
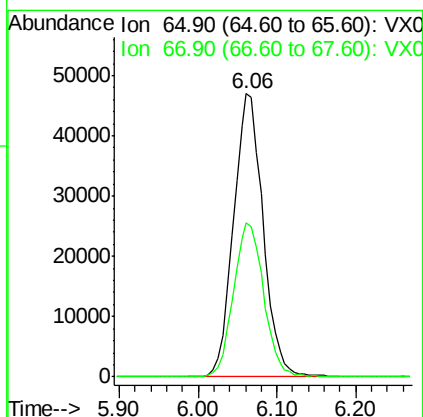
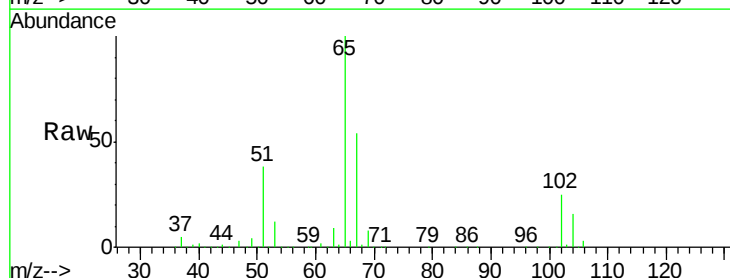
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190605

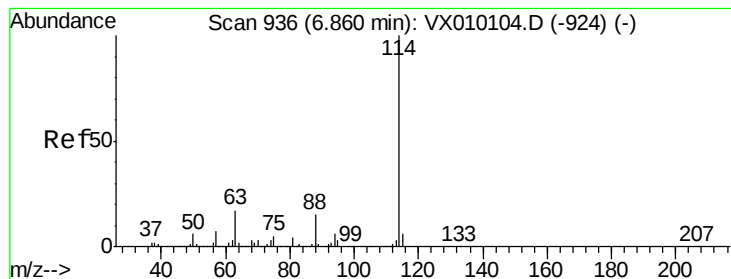
Tot Ion: 73 Resp: 2552
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.236 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010168.D
Acq: 10 Jun 2019 11:28

Tgt Ion: 65 Resp: 122393
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010168.D

Acq: 10 Jun 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190605

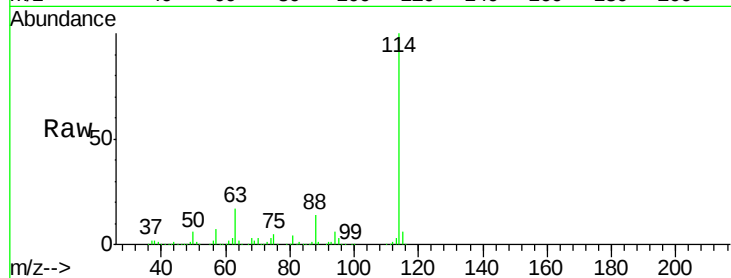
Tot Ion:114 Resp: 414613

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

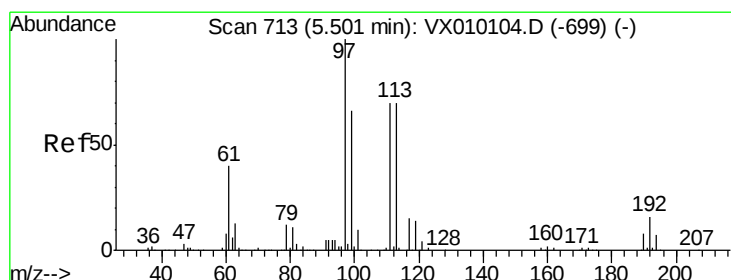
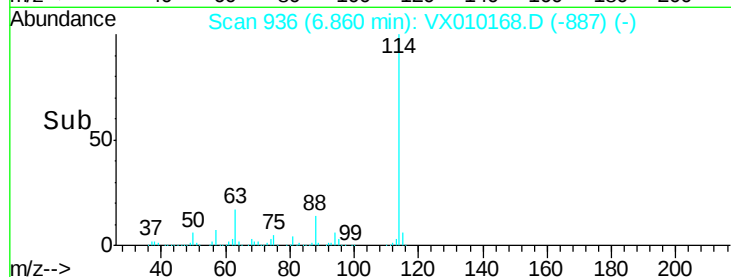
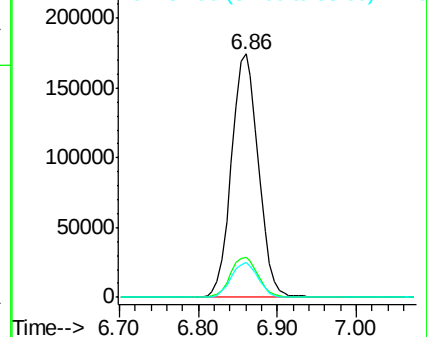
88 14.4 0.0 33.0



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: 50.275 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010168.D

Acq: 10 Jun 2019 11:28

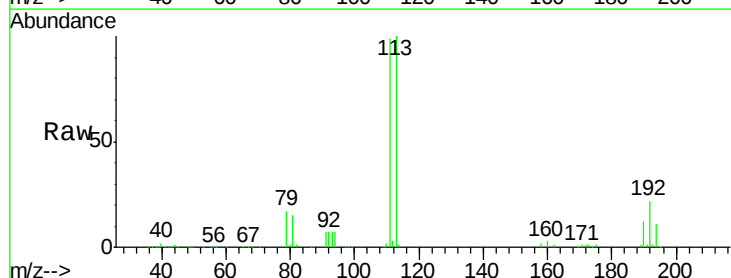
Tgt Ion:113 Resp: 128575

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

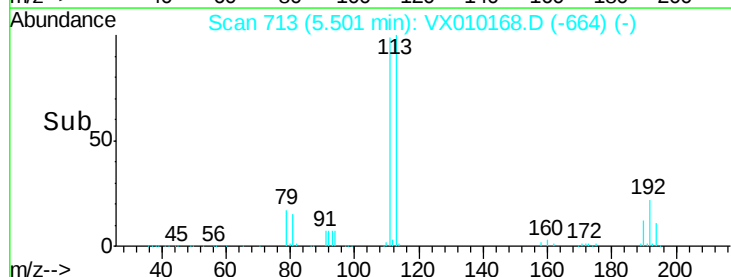
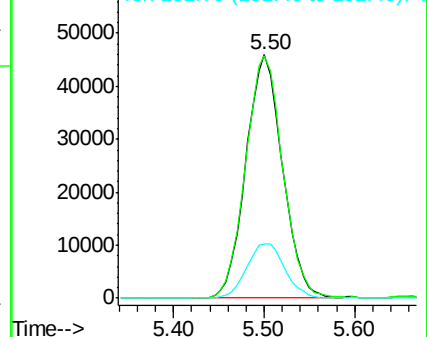
192 23.4 17.1 25.7

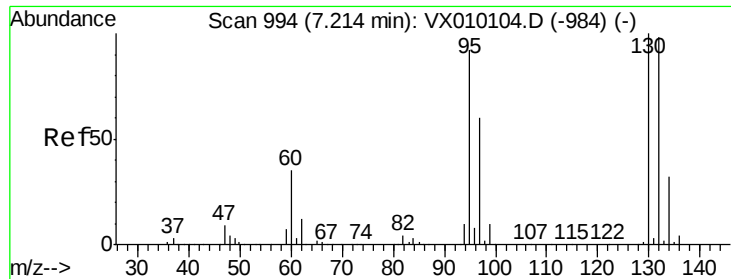


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.565 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010168.D

Acq: 10 Jun 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

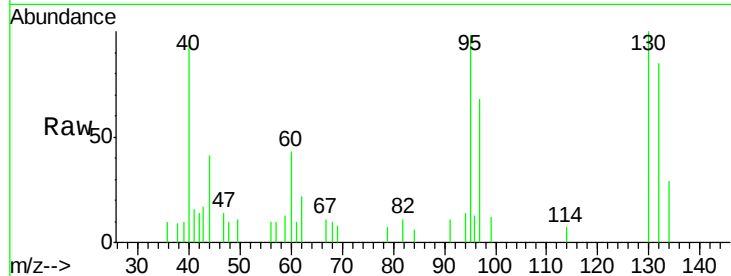
BPS1-TT-MW309D-20190605

Tot Ion:130 Resp: 1780

Ion Ratio Lower Upper

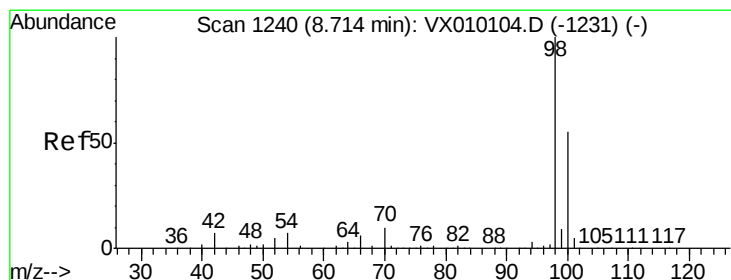
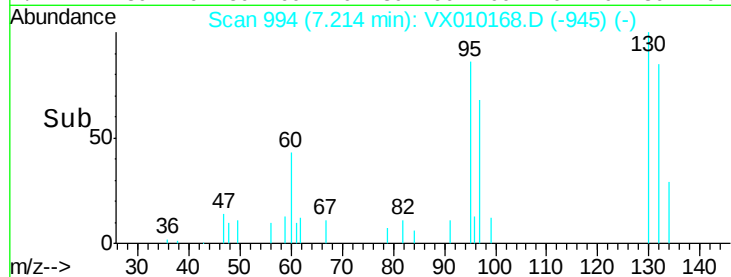
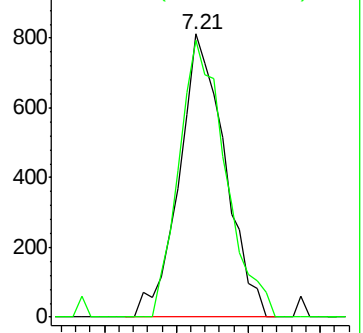
130 100

95 97.8 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: 50.411 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010168.D

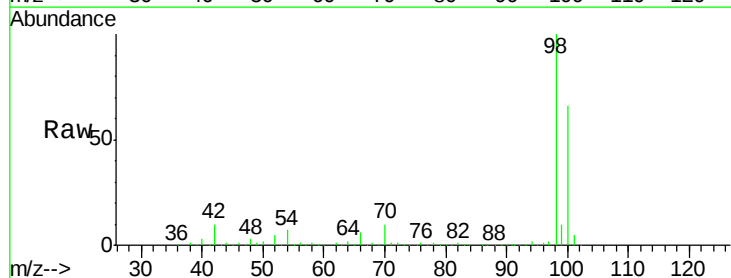
Acq: 10 Jun 2019 11:28

Tgt Ion: 98 Resp: 483182

Ion Ratio Lower Upper

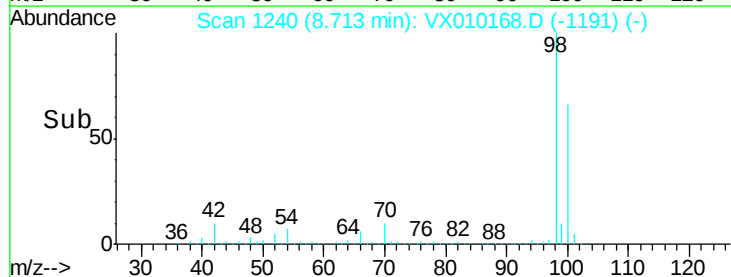
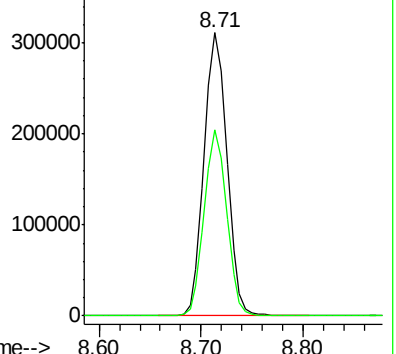
98 100

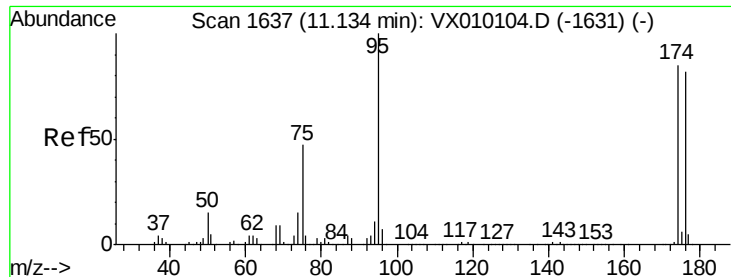
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.895 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010168.D

Acq: 10 Jun 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190605

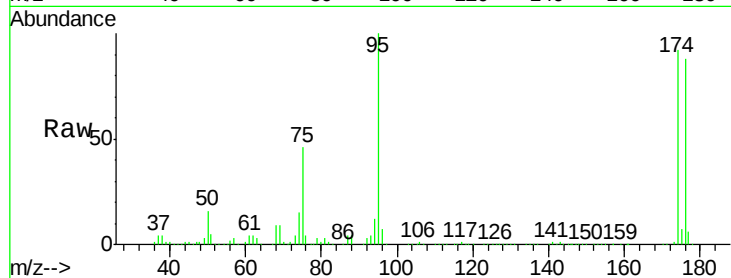
Tot Ion: 95 Resp: 164282

Ion Ratio Lower Upper

95 100

174 94.8 0.0 160.4

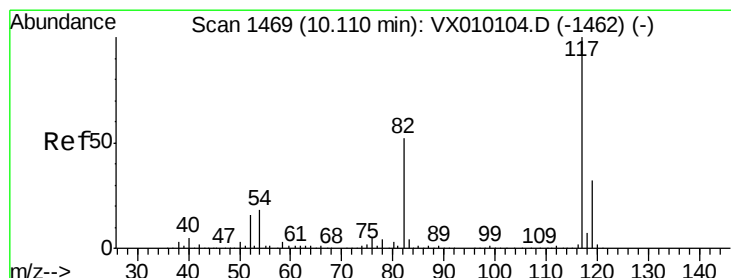
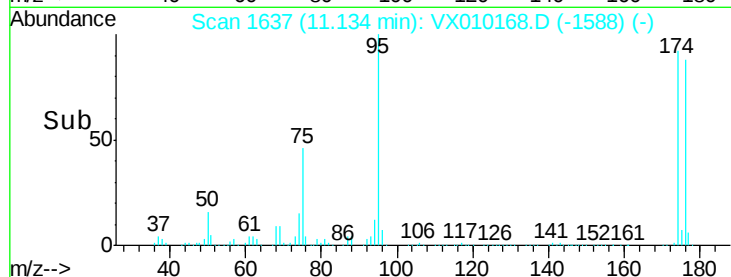
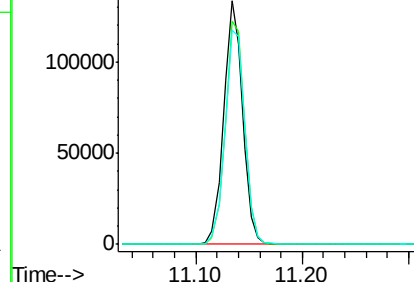
176 92.6 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010168.D

Acq: 10 Jun 2019 11:28

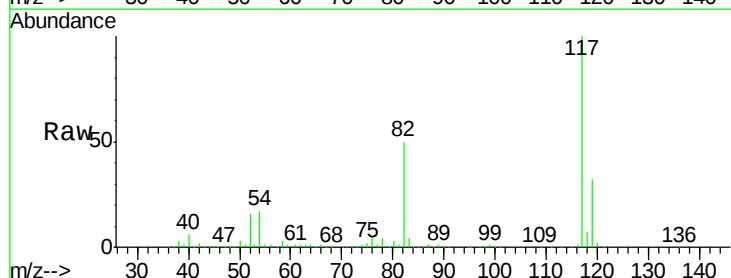
Tgt Ion: 117 Resp: 369855

Ion Ratio Lower Upper

117 100

82 50.5 49.2 73.8

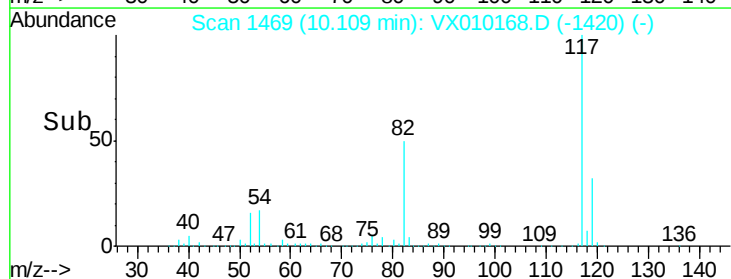
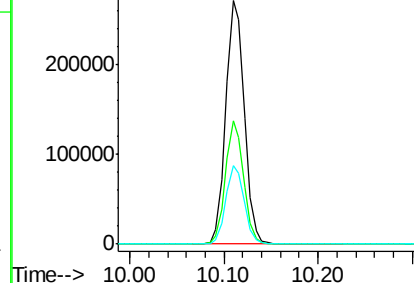
119 32.2 25.2 37.8

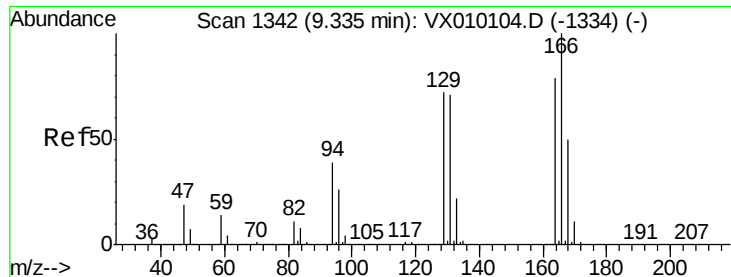


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#64

Tetrachloroethene

Concen: 0.928 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010168.D

Acq: 10 Jun 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190605

Tot Ion:164 Resp: 2550

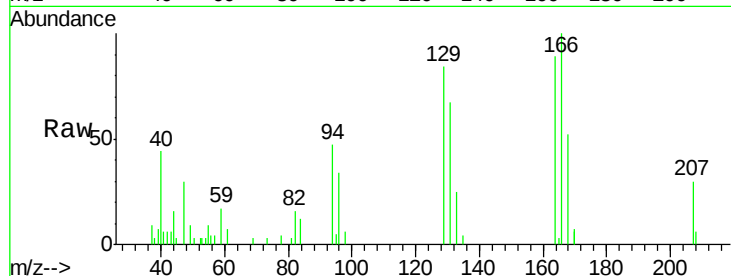
Ion Ratio Lower Upper

164 100

166 112.1 105.0 157.4

129 94.5 75.1 112.7

131 75.6 72.2 108.4

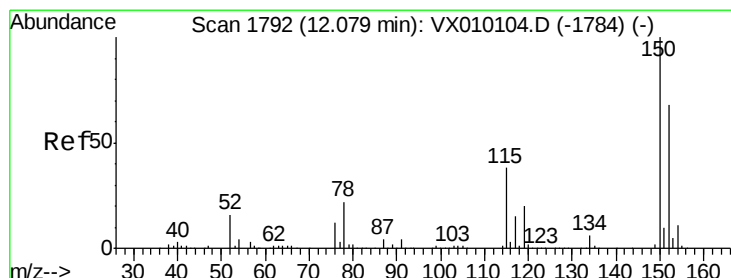
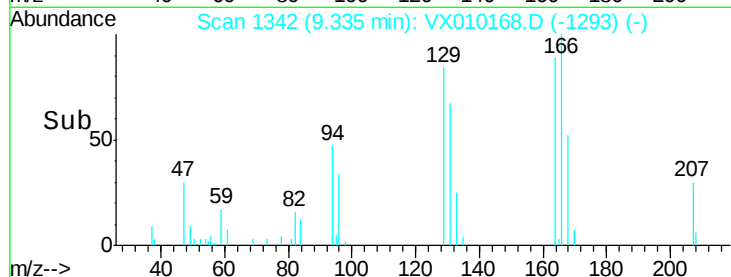
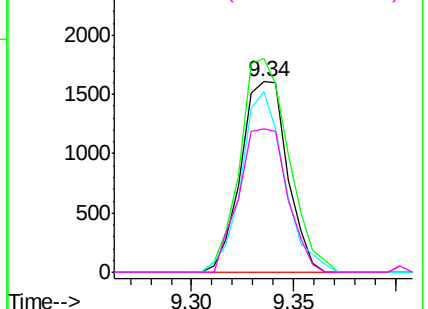


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010168.D

Acq: 10 Jun 2019 11:28

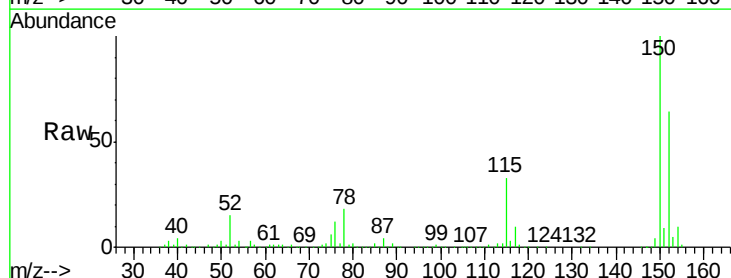
Tgt Ion:152 Resp: 169139

Ion Ratio Lower Upper

152 100

115 53.9 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

