

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010209.D
 Acq On : 11 Jun 2019 04:37
 Operator : JC/SP
 Sample : K3279-08 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190607

Quant Time: Jun 11 08:43:36 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

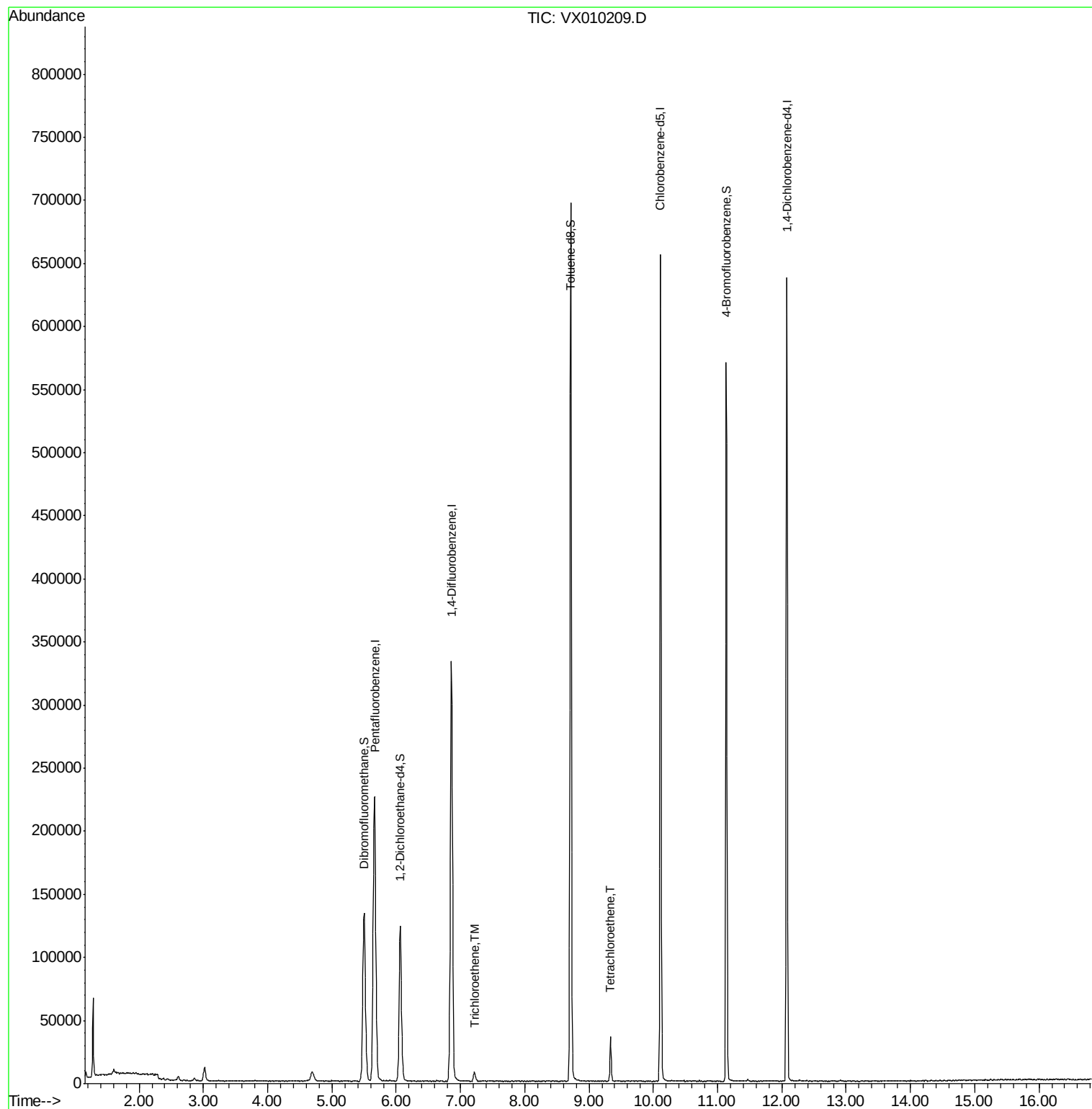
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111490	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
35) Dibromofluoromethane	5.50	113	116290	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	8.71	98	434084	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	142769	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
44) Trichloroethene	7.21	130	3046	1.075	ug/l	84
64) Tetrachloroethene	9.34	164	7251	2.992	ug/l	94

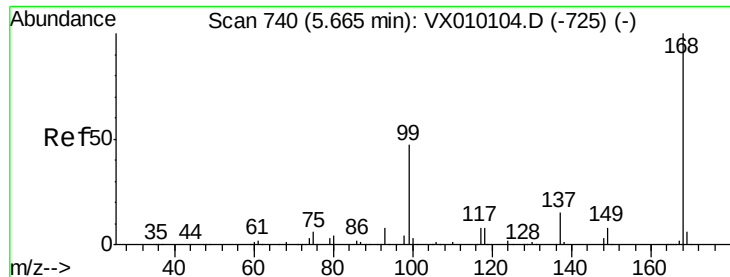
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010209.D

Acq: 11 Jun 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

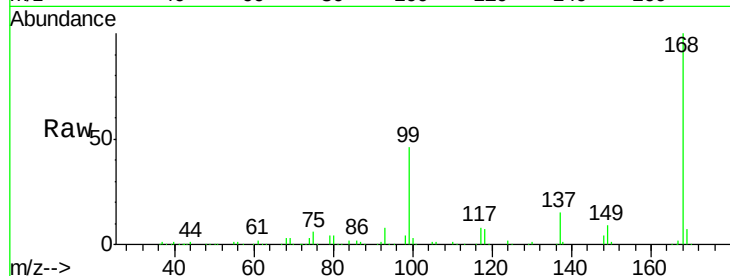
BPS1-TT-MW30311-20190607

Tot Ion:168 Resp: 247808

Ion Ratio Lower Upper

168 100

99 46.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

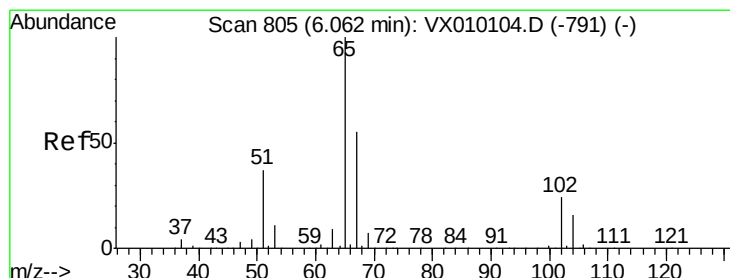
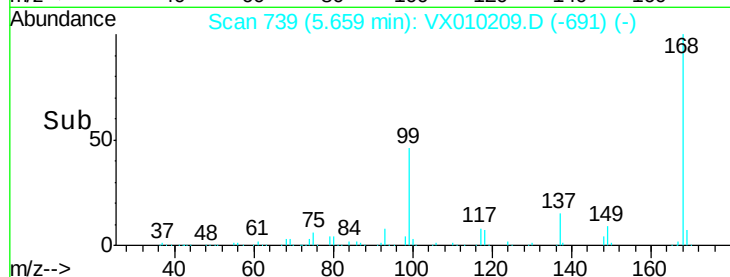
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.091 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010209.D

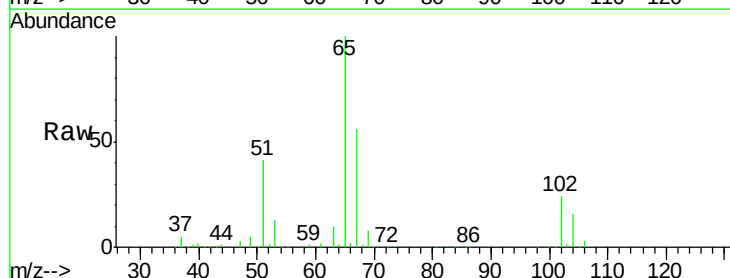
Acq: 11 Jun 2019 04:37

Tgt Ion: 65 Resp: 111490

Ion Ratio Lower Upper

65 100

67 55.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

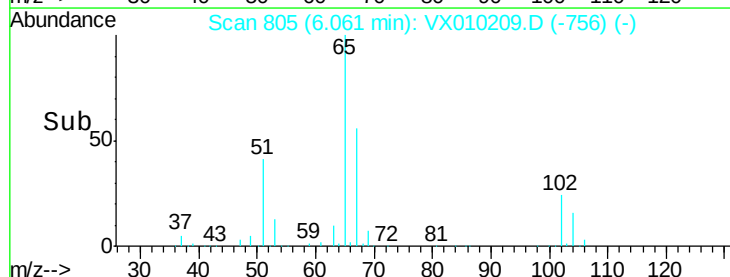
30000

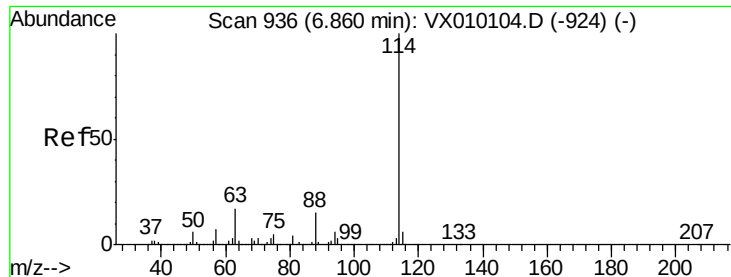
20000

10000

0

Time--> 5.90 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: VX010209.D

Acq: 11 Jun 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I1-20190607

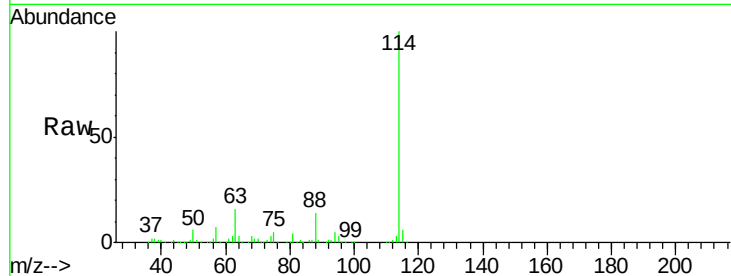
Tot Ion:114 Resp: 372525

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

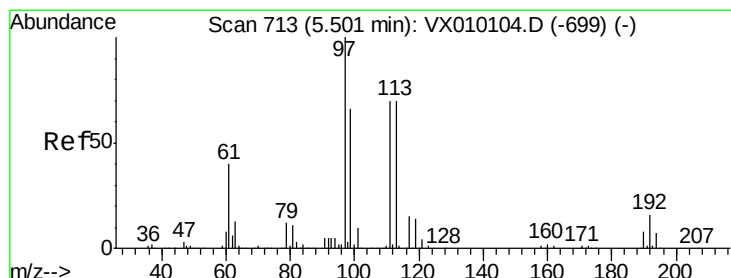
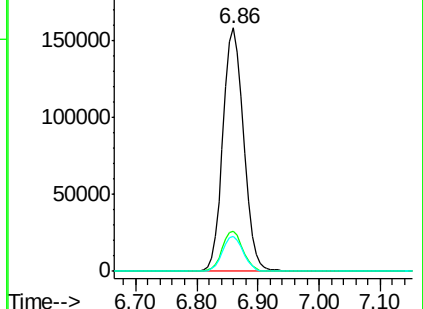
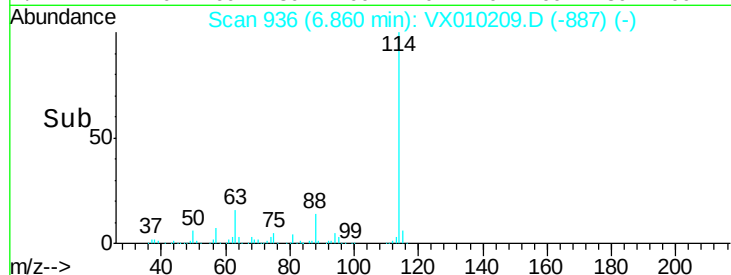
88 14.2 0.0 33.0



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: 50.609 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010209.D

Acq: 11 Jun 2019 04:37

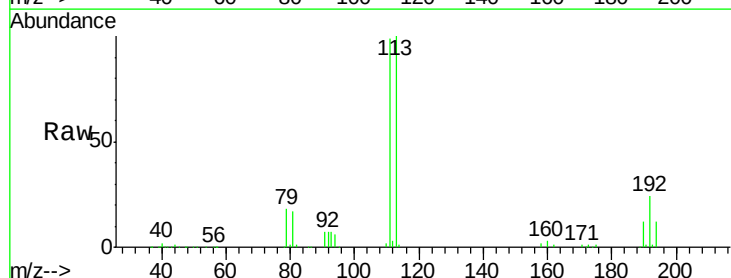
Tgt Ion:113 Resp: 116290

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

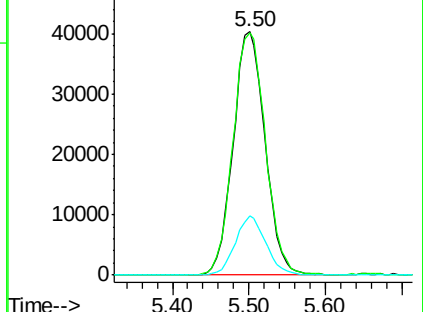
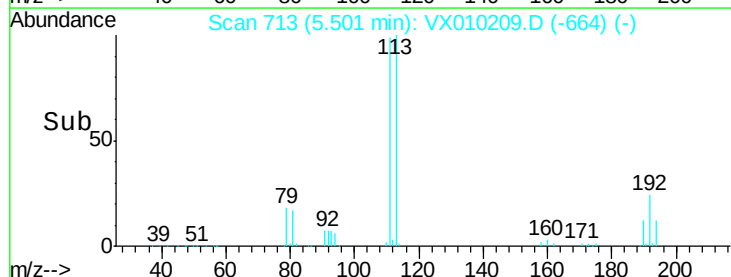
192 23.4 17.1 25.7

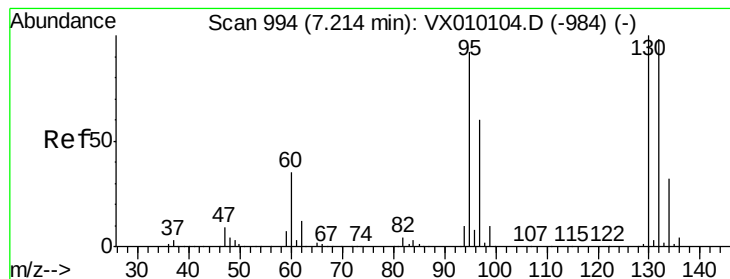


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.075 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010209.D

Acq: 11 Jun 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

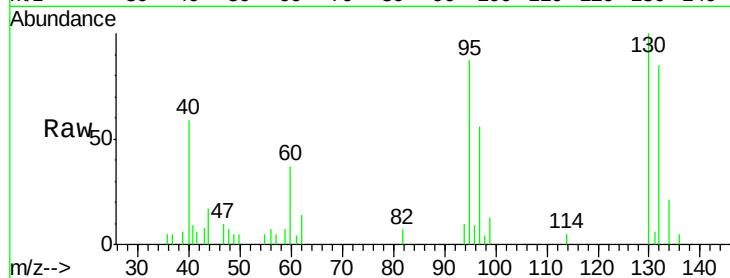
BPS1-TT-MW30311-20190607

Tot Ion:130 Resp: 3046

Ion Ratio Lower Upper

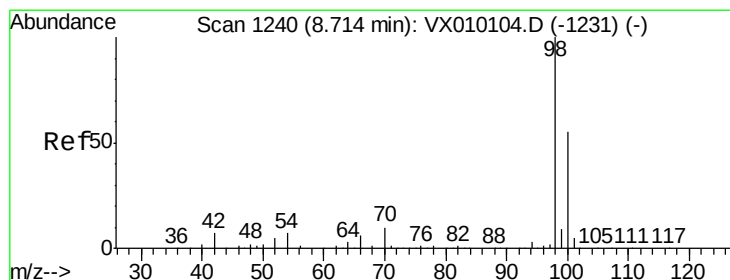
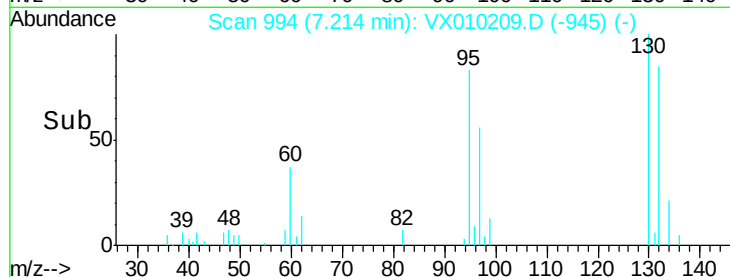
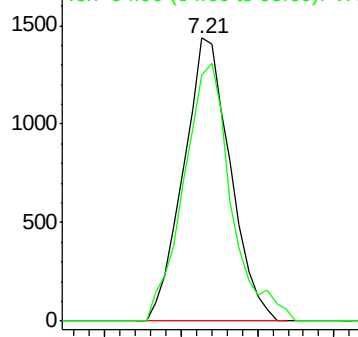
130 100

95 87.1 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: 50.405 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010209.D

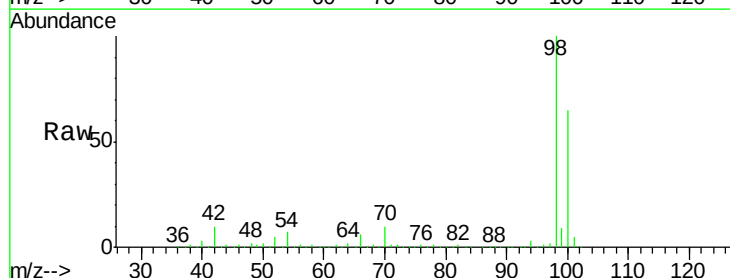
Acq: 11 Jun 2019 04:37

Tgt Ion: 98 Resp: 434084

Ion Ratio Lower Upper

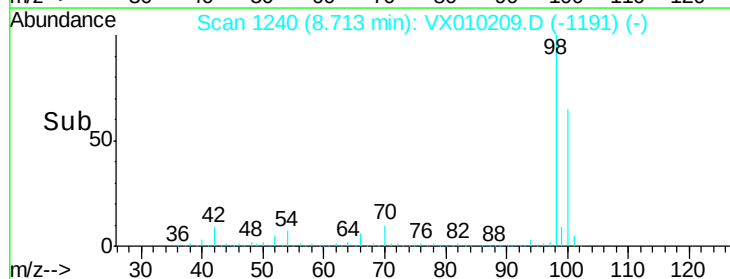
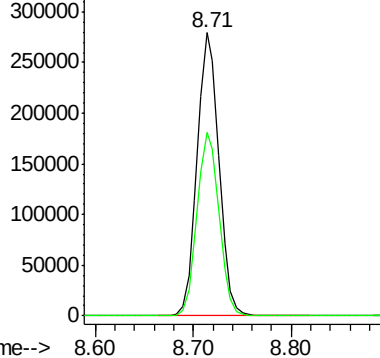
98 100

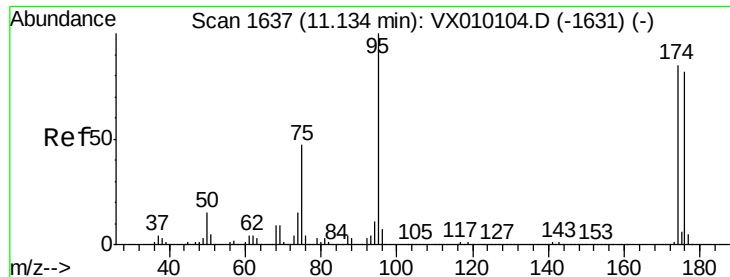
100 65.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.391 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010209.D

Acq: 11 Jun 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20190607

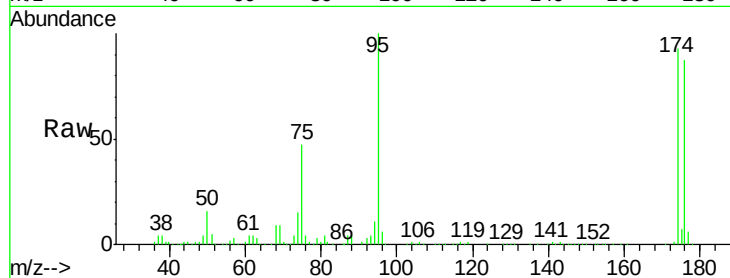
Tot Ion: 95 Resp: 142769

Ion Ratio Lower Upper

95 100

174 95.2 0.0 160.4

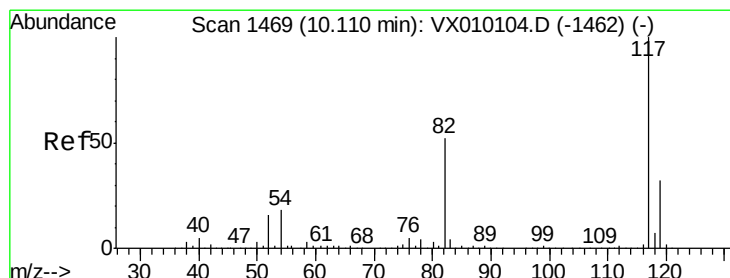
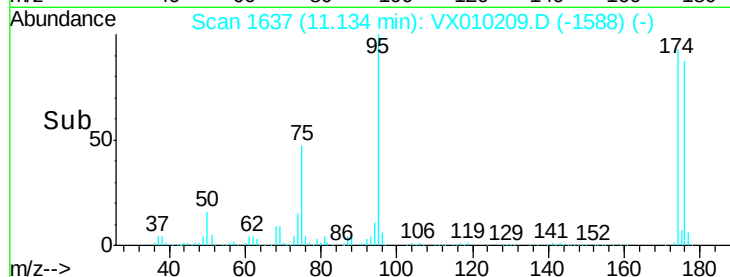
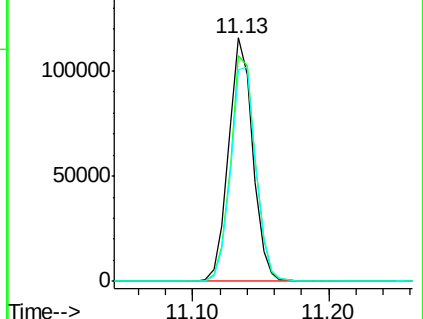
176 92.3 0.0 154.6



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: VX010209.D

Acq: 11 Jun 2019 04:37

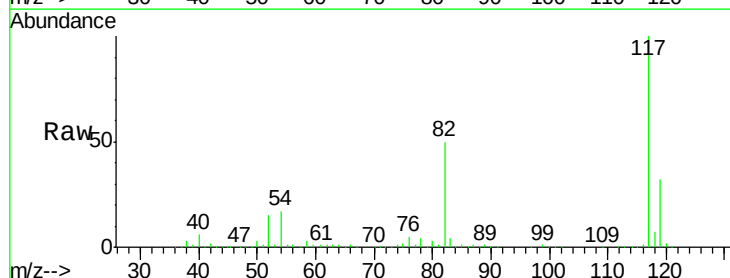
Tgt Ion: 117 Resp: 326247

Ion Ratio Lower Upper

117 100

82 50.5 49.2 73.8

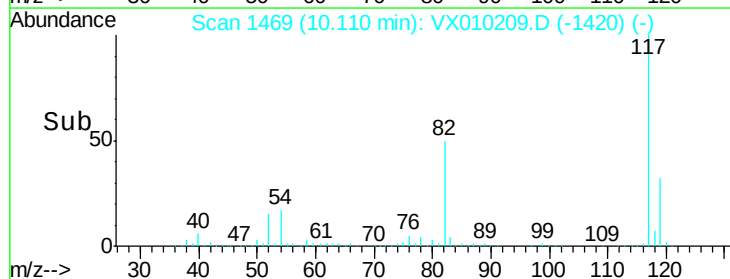
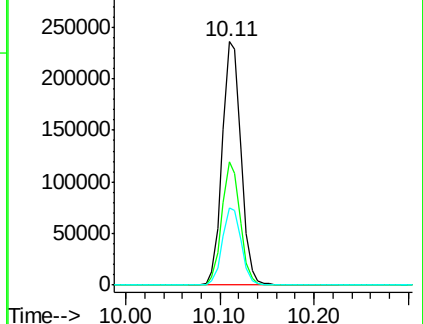
119 31.8 25.2 37.8

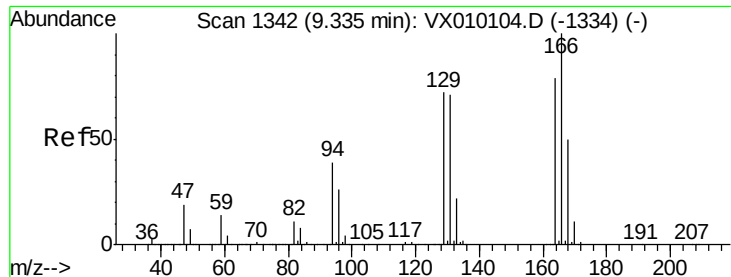


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

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: 2.992 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010209.D

Acq: 11 Jun 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20190607

Tot Ion:164 Resp: 7251

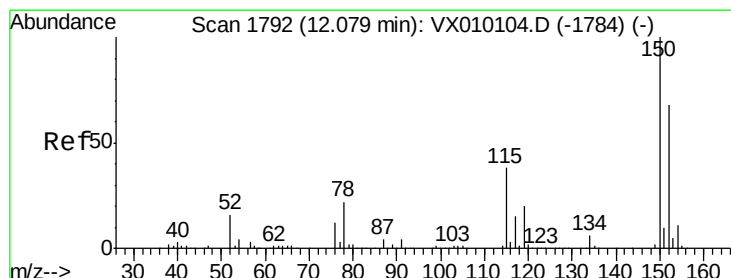
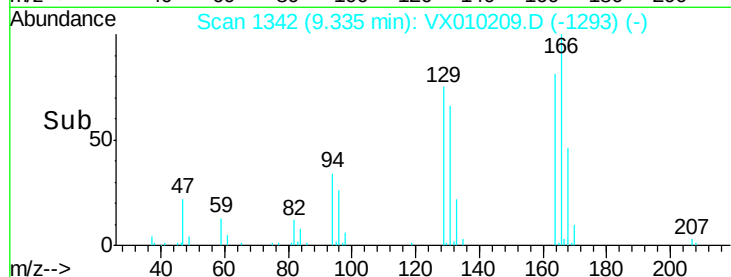
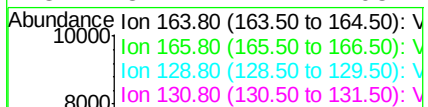
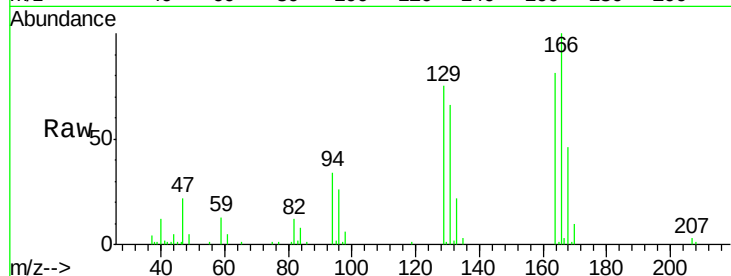
Ion Ratio Lower Upper

164 100

166 123.6 105.0 157.4

129 93.2 75.1 112.7

131 81.7 72.2 108.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010209.D

Acq: 11 Jun 2019 04:37

Tgt Ion:152 Resp: 143313

Ion Ratio Lower Upper

152 100

115 54.1 41.4 124.2

150 158.6 0.0 345.2

