

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010231.D
 Acq On : 11 Jun 2019 14:42
 Operator : JC/SP
 Sample : K3279-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190607

Quant Time: Jun 12 08:19:07 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

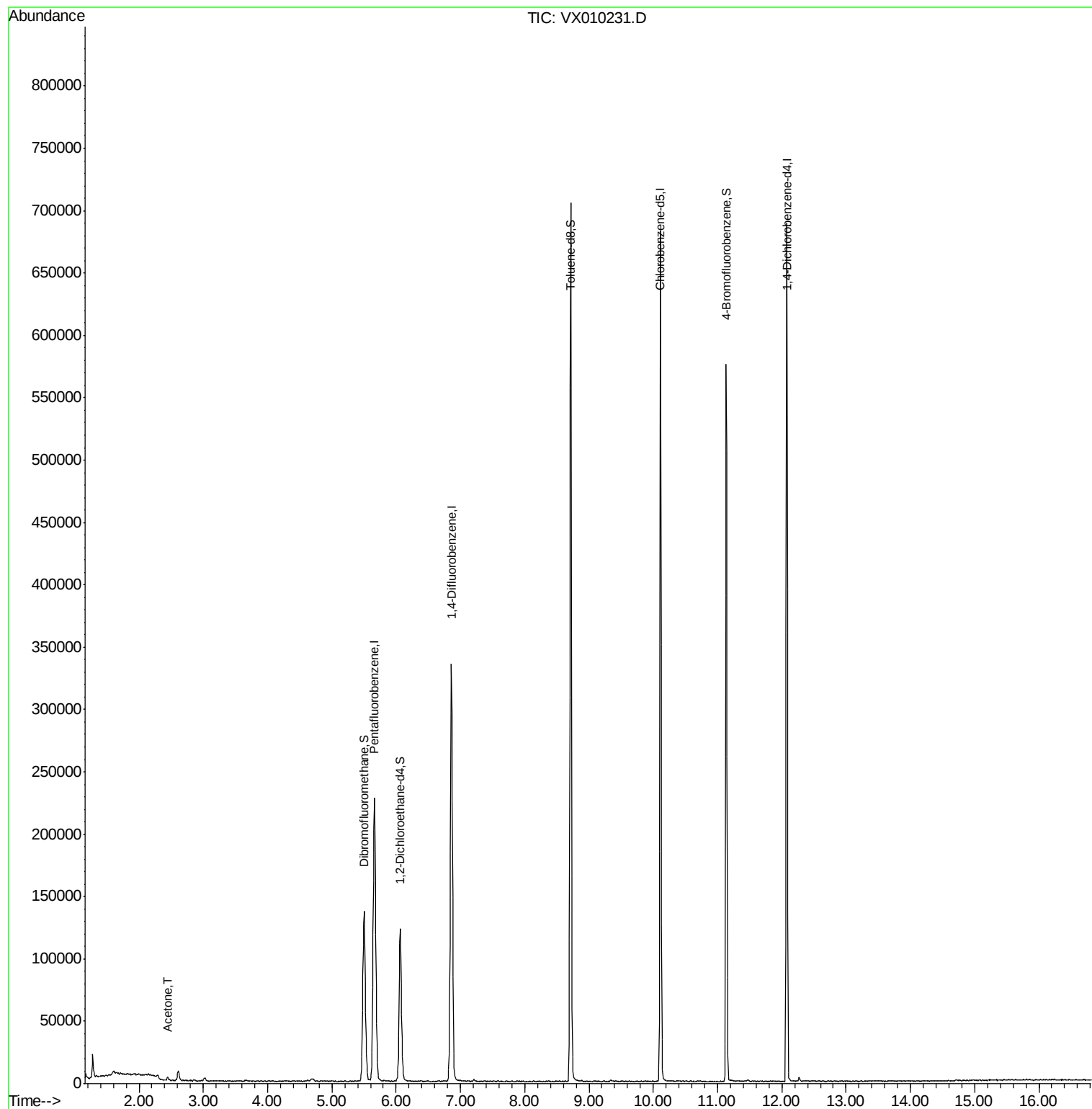
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	246765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109772	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
35) Dibromofluoromethane	5.50	113	112936	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	8.71	98	432658	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	147727	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
16) Acetone	2.45	43	2773	2.448	ug/l	Qvalue 96

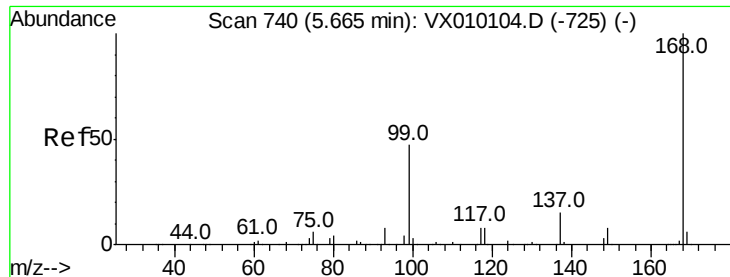
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010231.D

Acq: 11 Jun 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

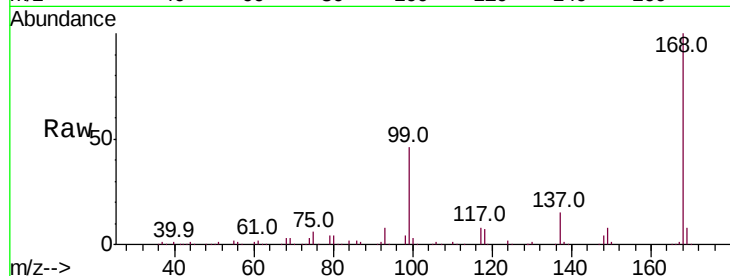
BP-TT-MW203I-20190607

Tot Ion:168 Resp: 246765

Ion Ratio Lower Upper

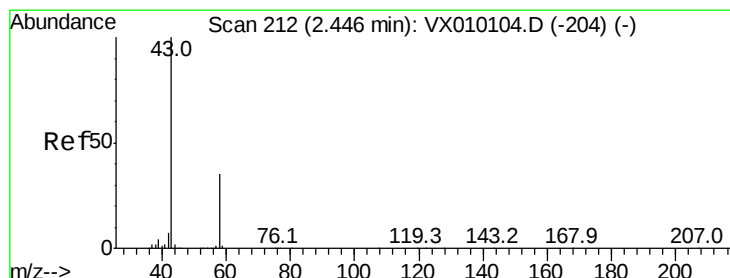
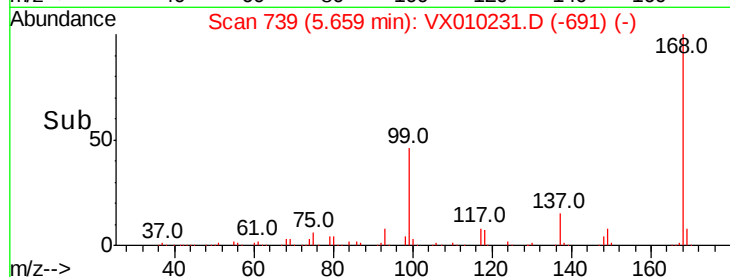
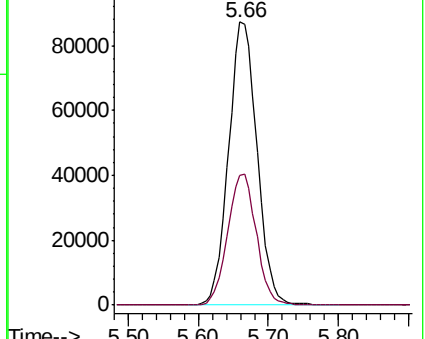
168 100

99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX010104.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX010104.D (-725) (-)



#16

Acetone

Concen: 2.448 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010231.D

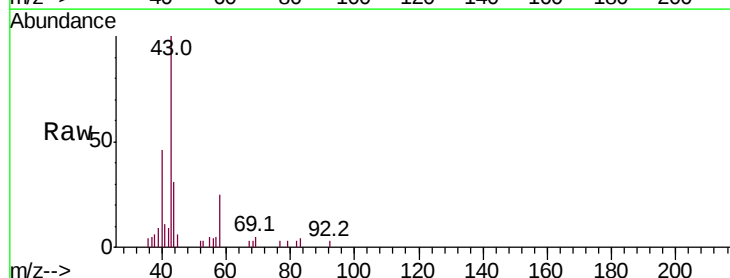
Acq: 11 Jun 2019 14:42

Tgt Ion: 43 Resp: 2773

Ion Ratio Lower Upper

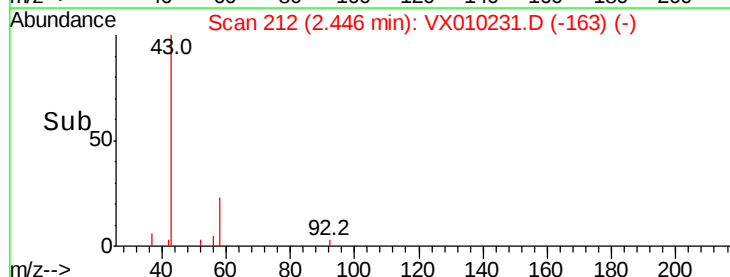
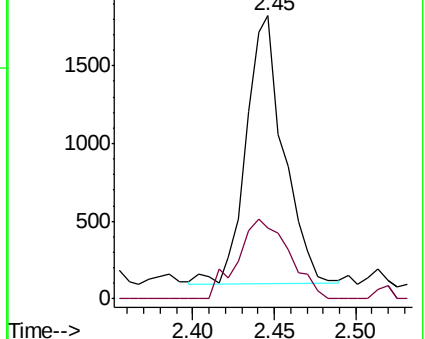
43 100

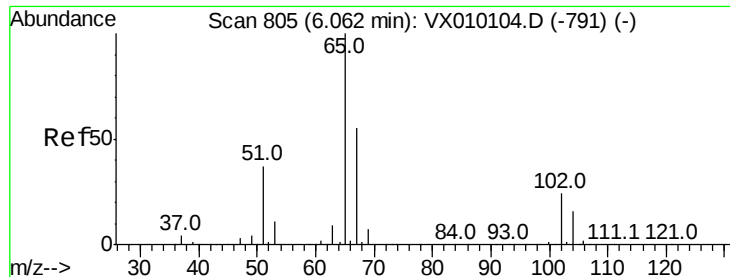
58 26.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX010104.D (-204) (-)

Ion 58.00 (57.70 to 58.70): VX010104.D (-204) (-)





#33

1,2-Dichloroethane-d4

Concen: 45.573 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010231.D

Acq: 11 Jun 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

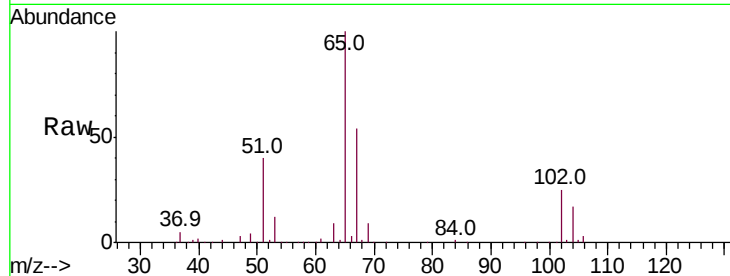
BP-TT-MW203I-20190607

Tot Ion: 65 Resp: 109772

Ion Ratio Lower Upper

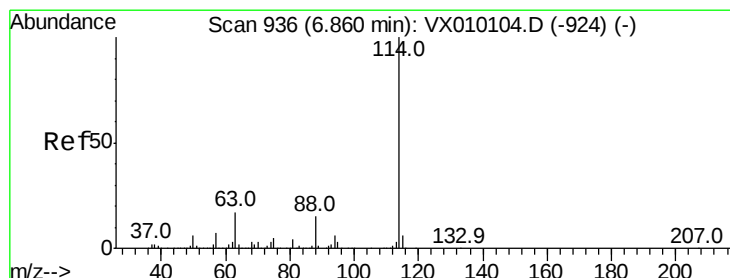
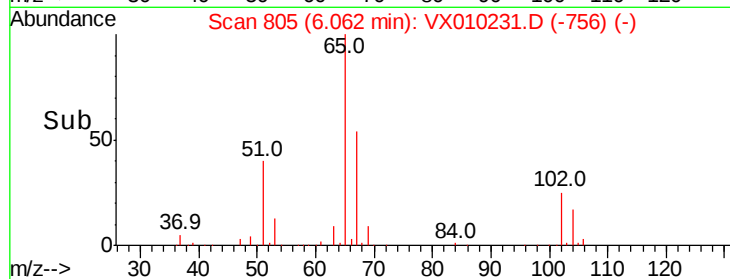
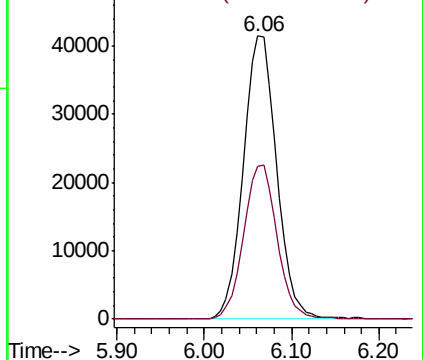
65 100

67 54.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010231.D

Acq: 11 Jun 2019 14:42

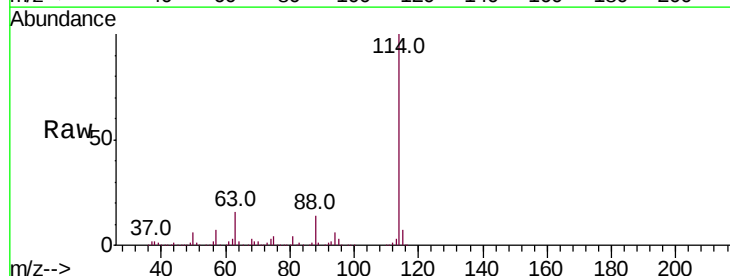
Tgt Ion: 114 Resp: 371038

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

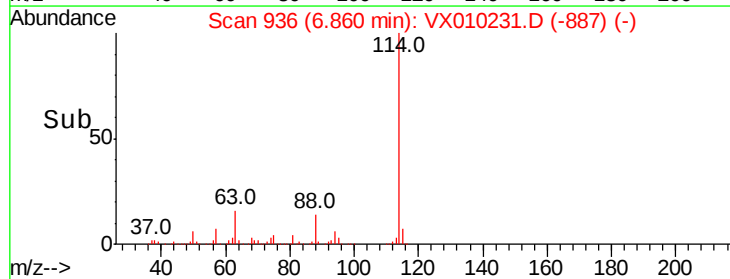
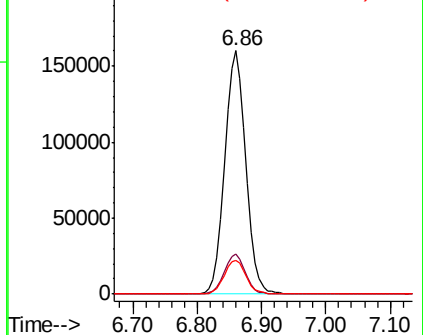
88 13.9 0.0 33.0

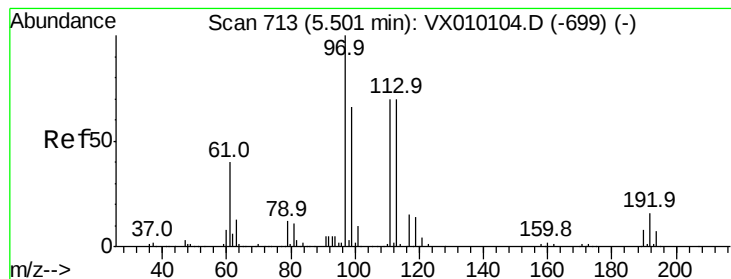


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.346 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010231.D

Acq: 11 Jun 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190607

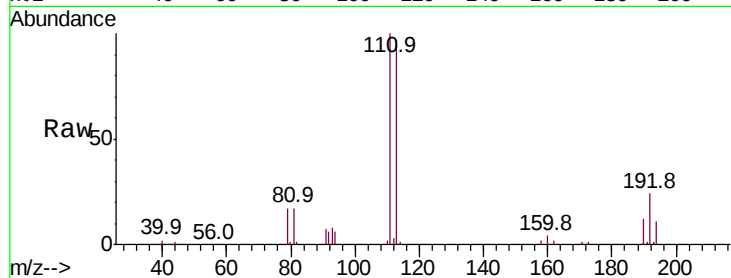
Tot Ion:113 Resp: 112936

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

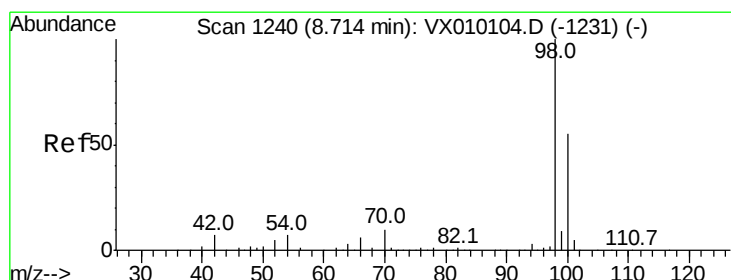
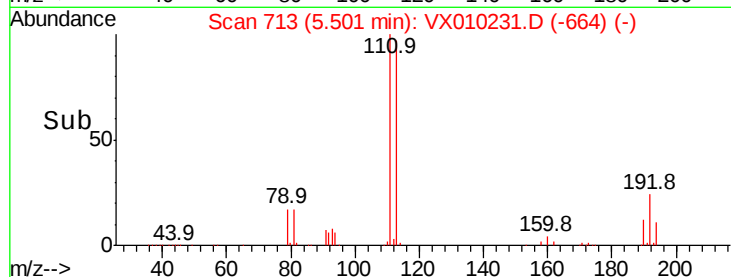
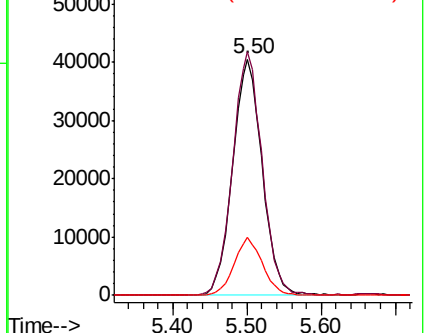
192 23.5 17.1 25.7



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



#50

Toluene-d8

Concen: 50.441 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010231.D

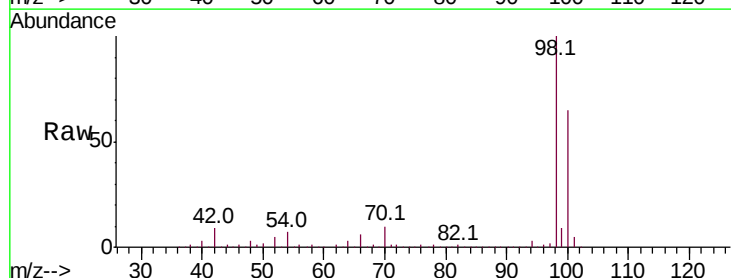
Acq: 11 Jun 2019 14:42

Tgt Ion: 98 Resp: 432658

Ion Ratio Lower Upper

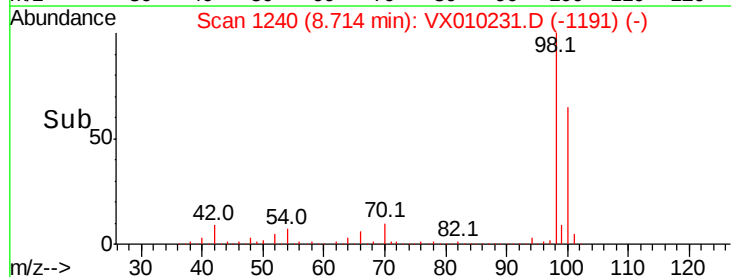
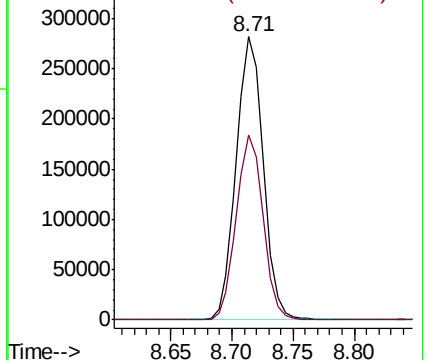
98 100

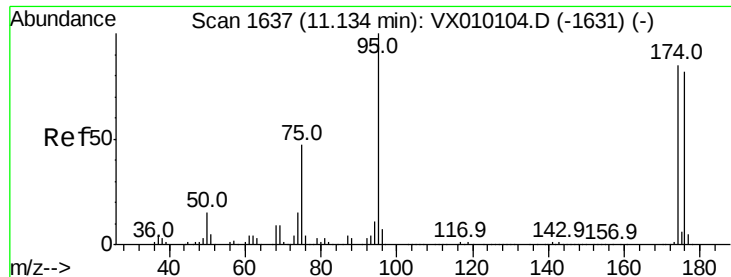
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.116 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010231.D

Acq: 11 Jun 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190607

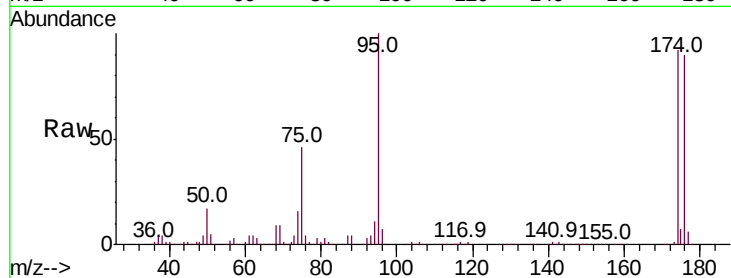
Tot Ion: 95 Resp: 147727

Ion Ratio Lower Upper

95 100

174 96.8 0.0 160.4

176 93.7 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) (-)

11.13

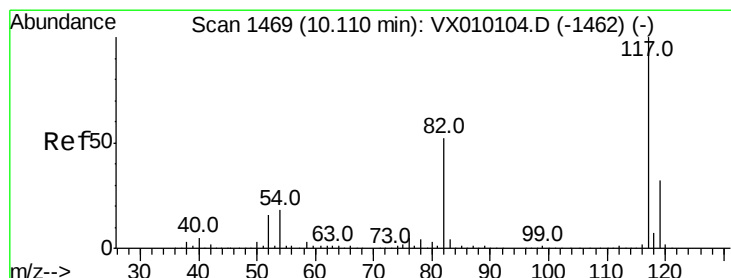
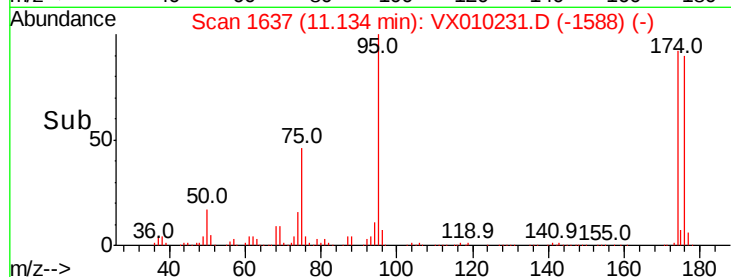
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010231.D

Acq: 11 Jun 2019 14:42

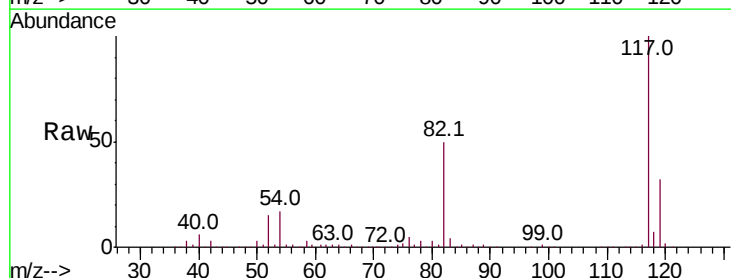
Tgt Ion: 117 Resp: 335383

Ion Ratio Lower Upper

117 100

82 50.3 49.2 73.8

119 32.1 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) (-)

10.11

300000

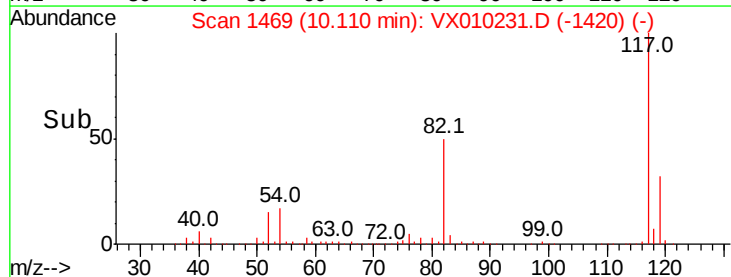
200000

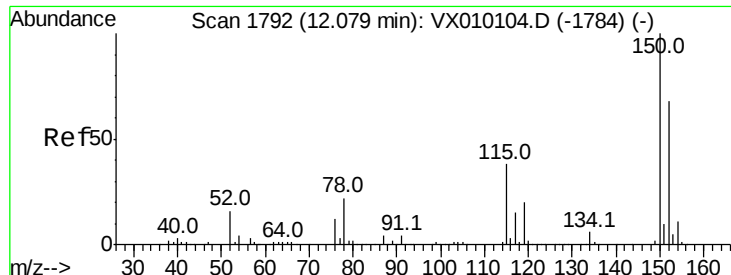
100000

0

10.00 10.20 10.30

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010231.D

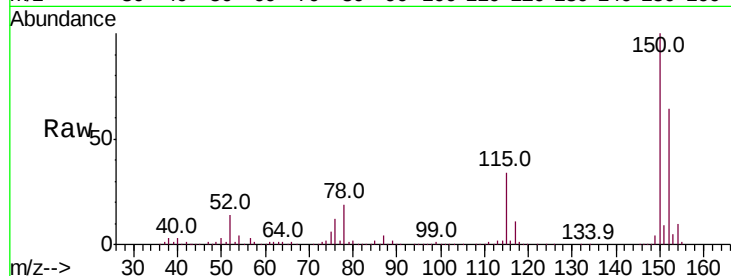
Acq: 11 Jun 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190607



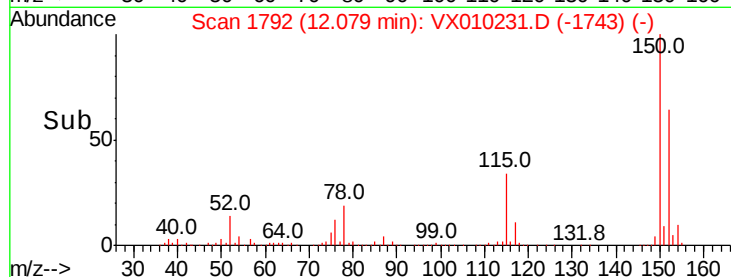
Tot Ion:152 Resp: 157101

Ion Ratio Lower Upper

152 100

115 54.5 41.4 124.2

150 158.5 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

