

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\
 Data File : VX010153.D
 Acq On : 08 Jun 2019 21:00
 Operator : JC/SP
 Sample : K3249-08 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20190606

Quant Time: Jun 10 10:37:03 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

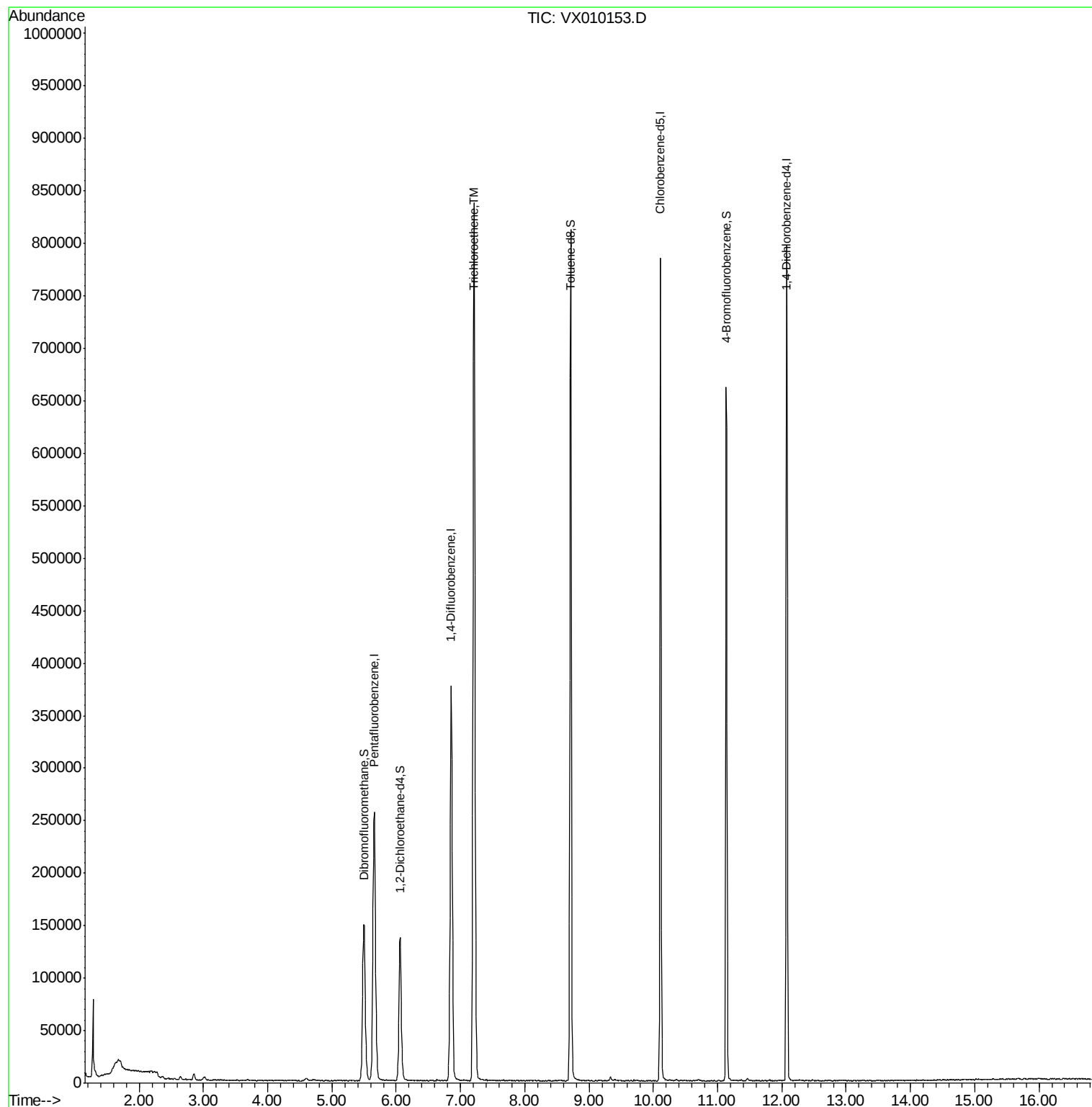
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	388417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124919	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
35) Dibromofluoromethane	5.49	113	130465	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	8.71	98	502048	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.13	95	179097	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
44) Trichloroethene	7.21	130	357012	111.174	ug/l	Qvalue 85

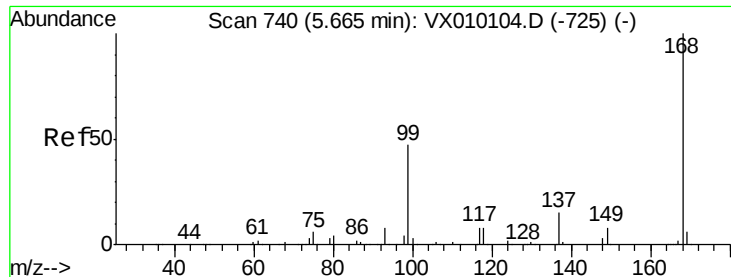
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010153.D

Acq: 08 Jun 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

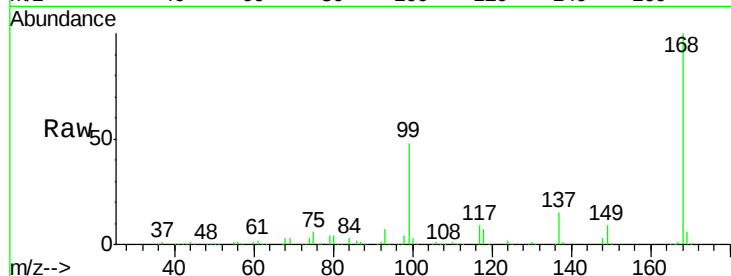
BPS1-TT-MW305I-20190606

Tot Ion:168 Resp: 277826

Ion Ratio Lower Upper

168 100

99 47.8 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

100000

80000

60000

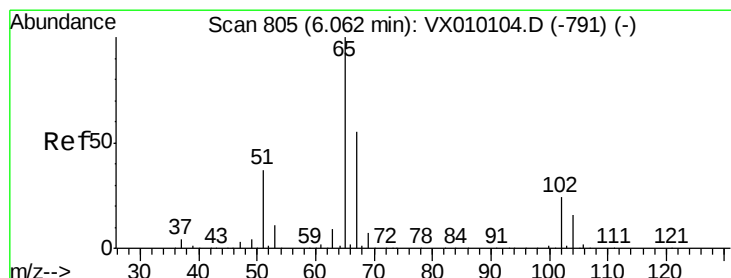
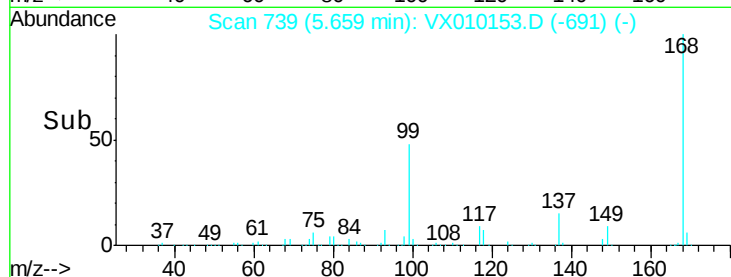
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.063 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010153.D

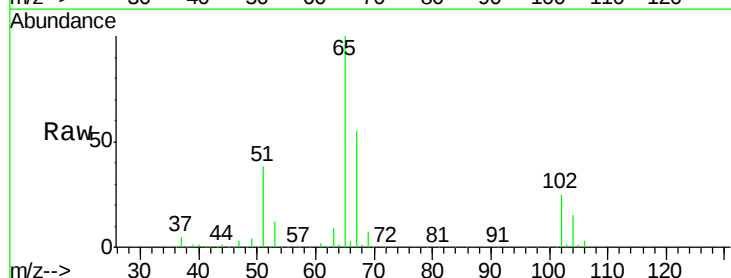
Acq: 08 Jun 2019 21:00

Tgt Ion: 65 Resp: 124919

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

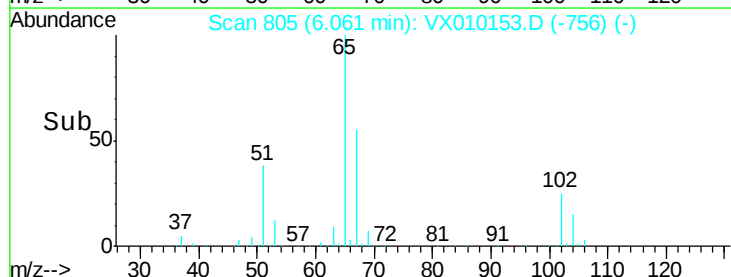
20000

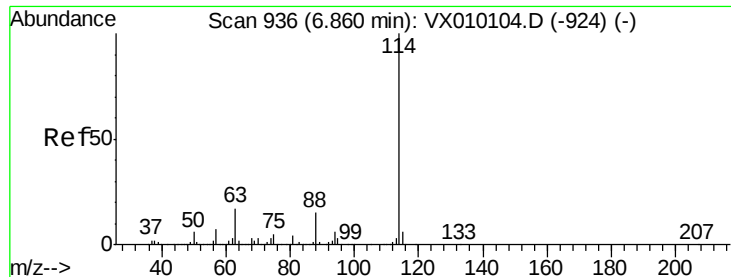
10000

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: VX010153.D

Acq: 08 Jun 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20190606

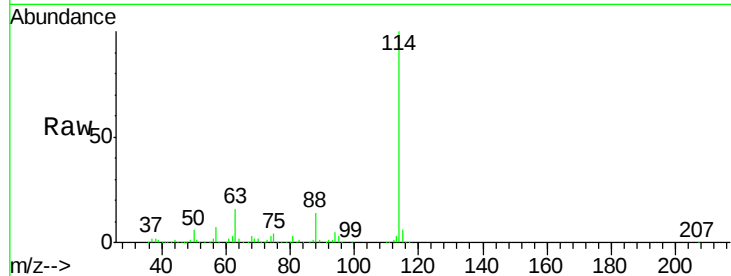
Tot Ion:114 Resp: 422299

Ion Ratio Lower Upper

114 100

63 16.3 0.0 47.4

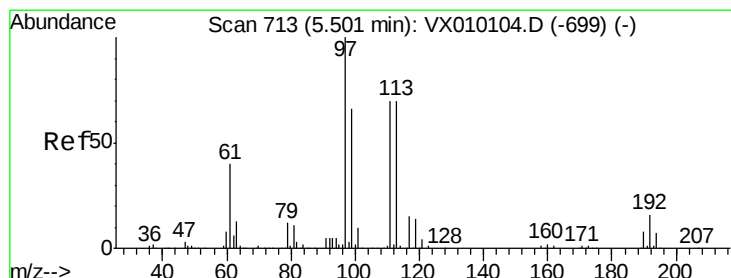
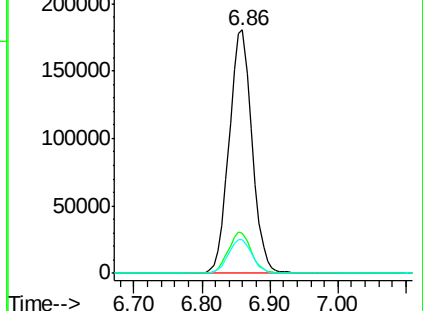
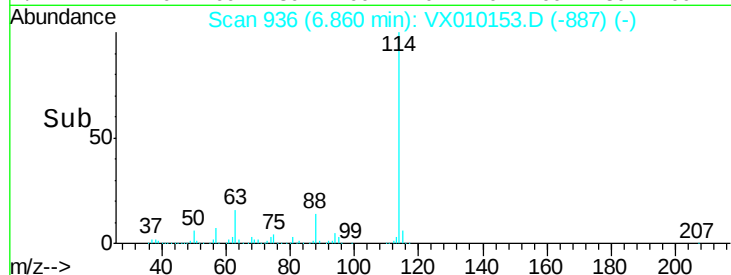
88 14.0 0.0 33.0



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: 50.086 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010153.D

Acq: 08 Jun 2019 21:00

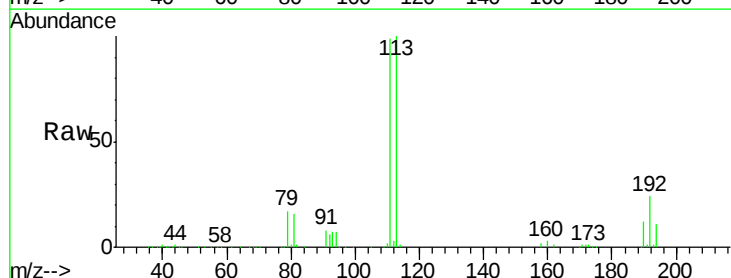
Tgt Ion:113 Resp: 130465

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

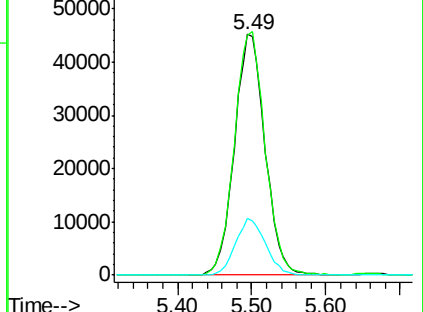
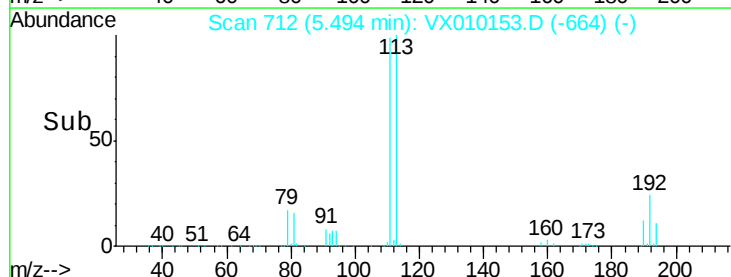
192 23.2 17.1 25.7

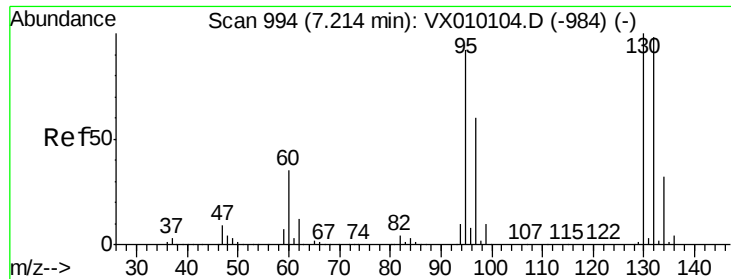


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

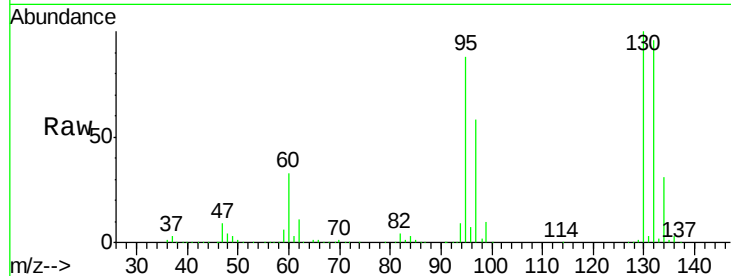




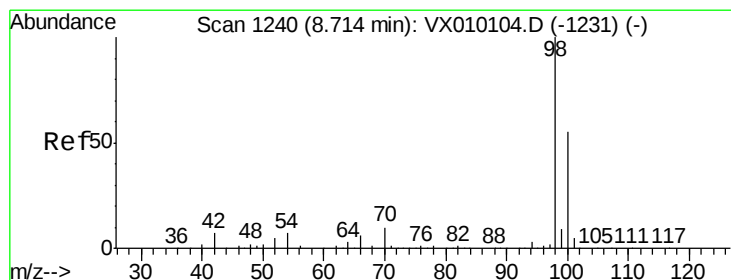
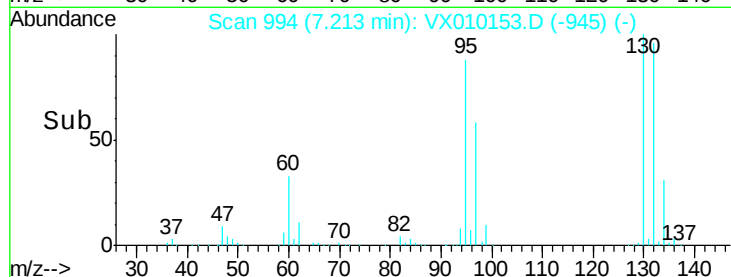
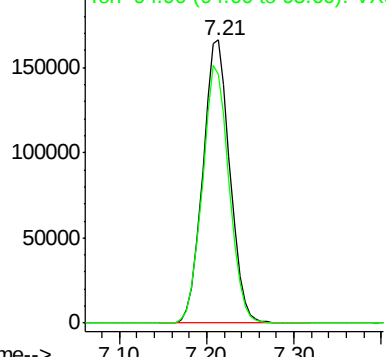
#44
 Trichloroethene
 Concen: 111.174 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010153.D
 Acq: 08 Jun 2019 21:00

Instrument :
 MSVOA_X
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 BPS1-TT-MW305I-20190606

Tot Ion:130 Resp: 357012
 Ion Ratio Lower Upper
 130 100
 95 88.1 0.0 207.4

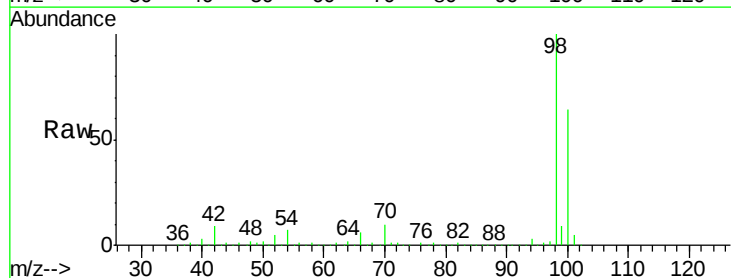


Abundance Ion 129.80 (129.50 to 130.50): V

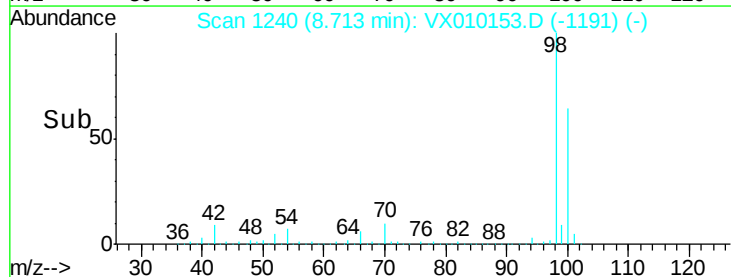
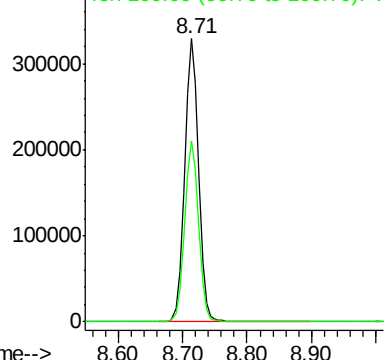


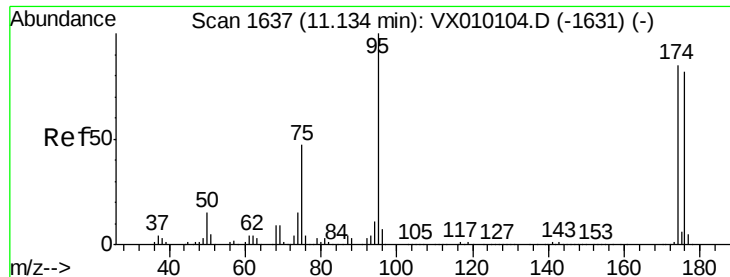
#50
 Toluene-d8
 Concen: 51.426 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010153.D
 Acq: 08 Jun 2019 21:00

Tgt Ion: 98 Resp: 502048
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.123 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010153.D

Acq: 08 Jun 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20190606

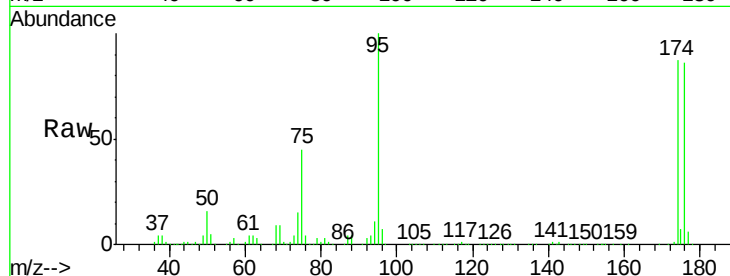
Tot Ion: 95 Resp: 179097

Ion Ratio Lower Upper

95 100

174 92.3 0.0 160.4

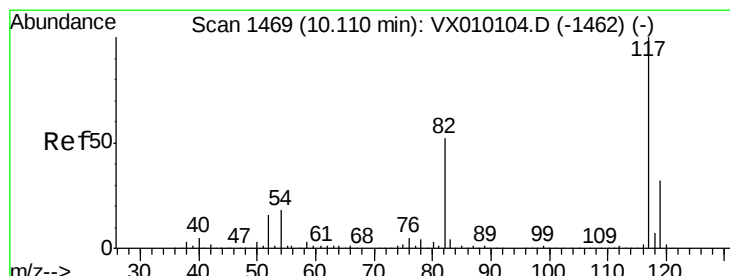
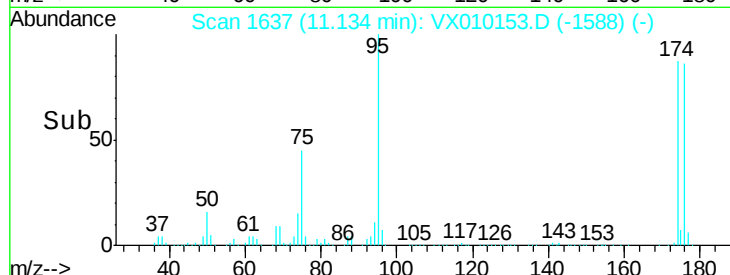
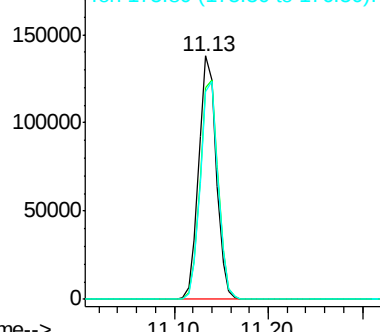
176 90.4 0.0 154.6



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: VX010153.D

Acq: 08 Jun 2019 21:00

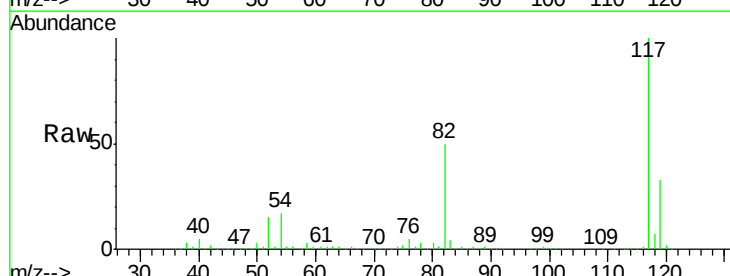
Tgt Ion: 117 Resp: 388417

Ion Ratio Lower Upper

117 100

82 50.2 49.2 73.8

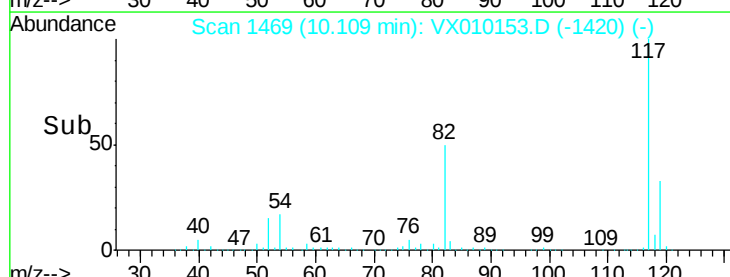
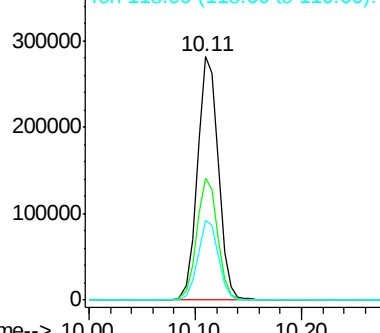
119 32.5 25.2 37.8

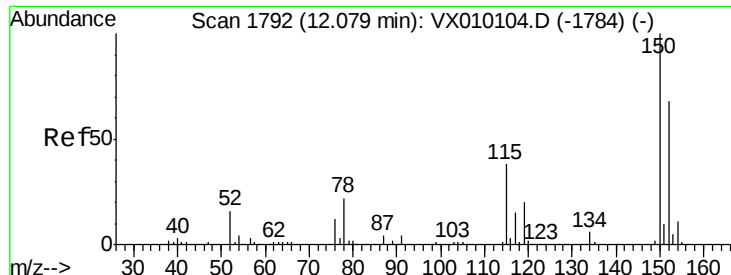


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010153.D

Acq: 08 Jun 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20190606

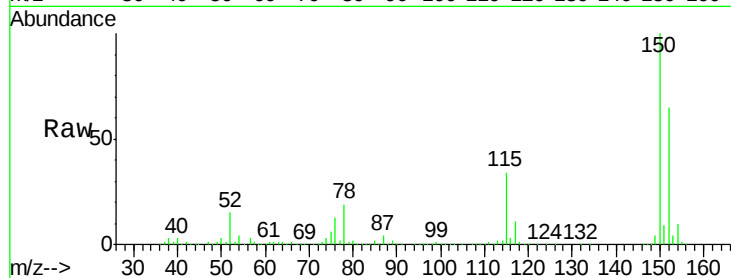
Tot Ion:152 Resp: 185509

Ion Ratio Lower Upper

152 100

115 54.1 41.4 124.2

150 156.8 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

