

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010189.D
 Acq On : 10 Jun 2019 19:39
 Operator : JC/SP
 Sample : K3279-03 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW312I-20190607

Quant Time: Jun 11 07:51:32 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	256198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	391981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169272	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115032	46.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.00%	
35) Dibromofluoromethane	5.49	113	118270	48.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	459702	50.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	158921	46.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.92%	

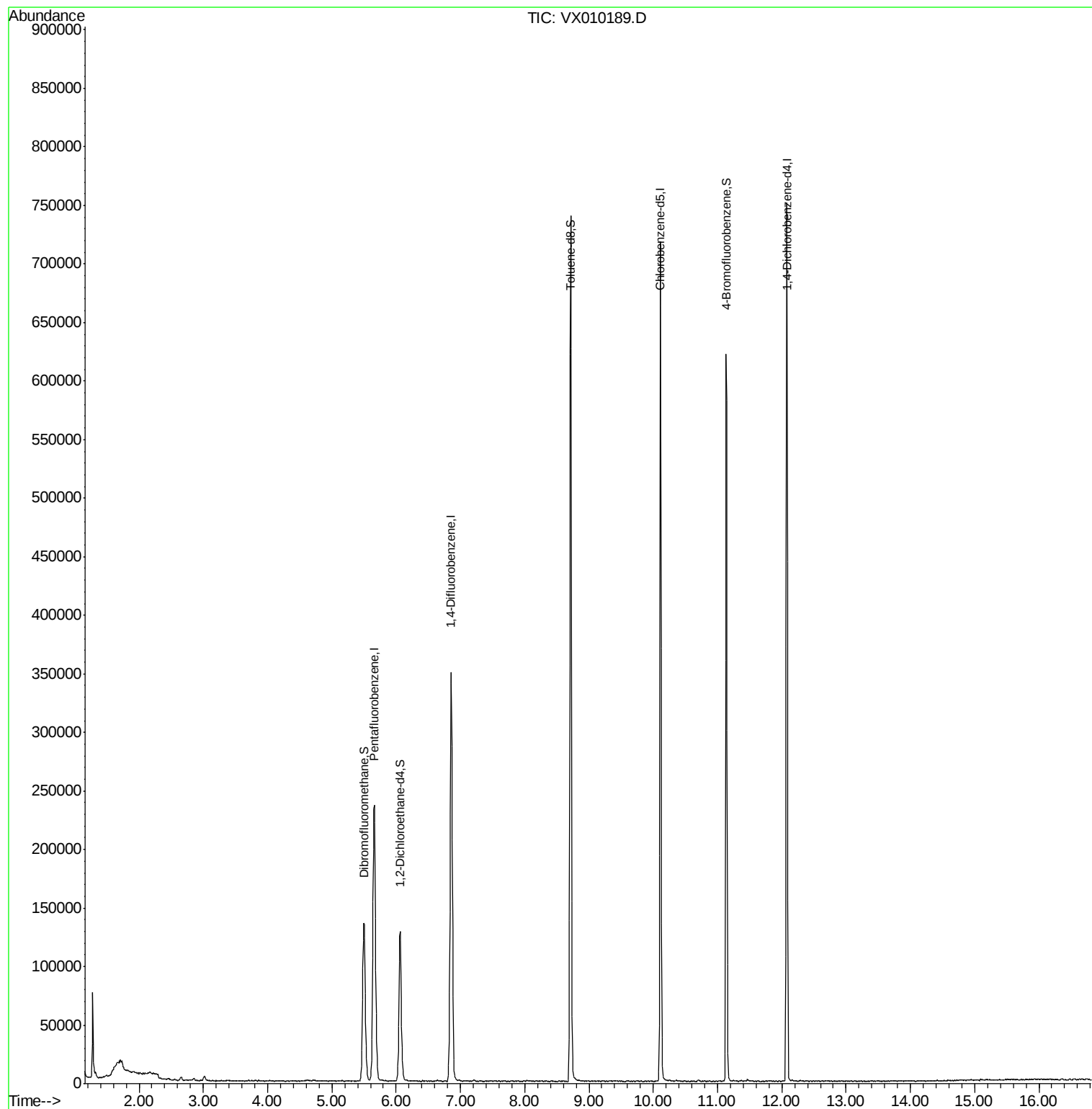
Target Compounds	Qvalue

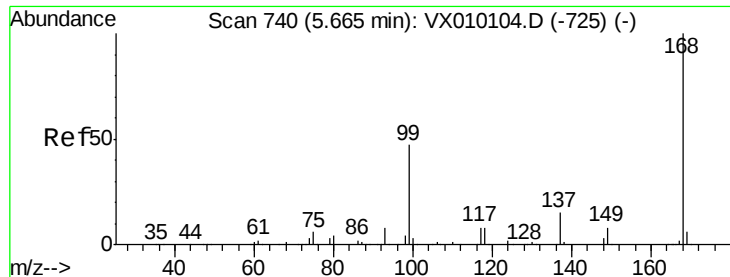
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010189.D

Acq: 10 Jun 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

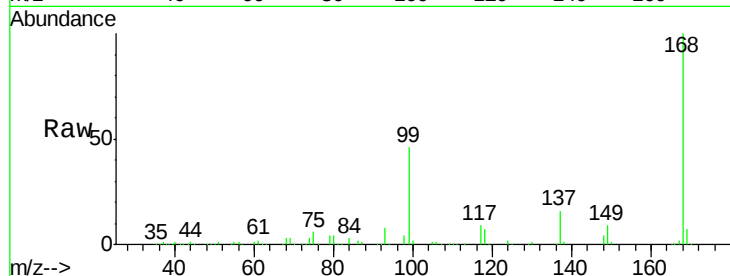
BPS1-TT-MW312I-20190607

Tot Ion:168 Resp: 256198

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

5.66

80000

60000

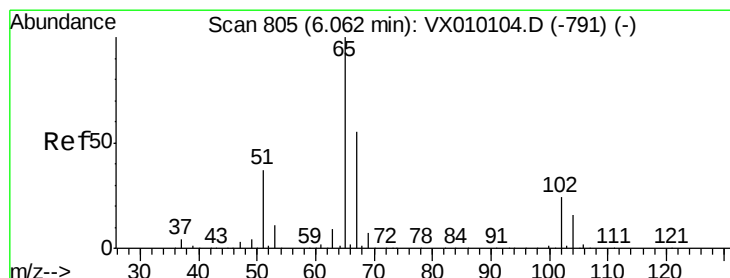
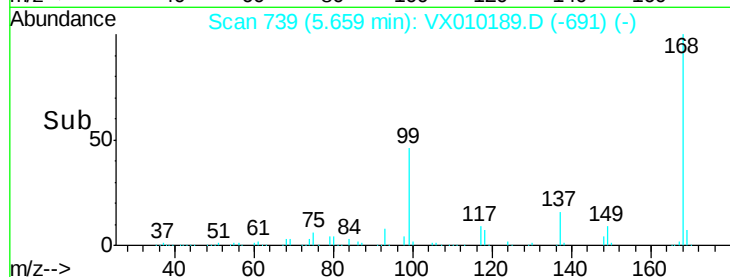
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.998 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010189.D

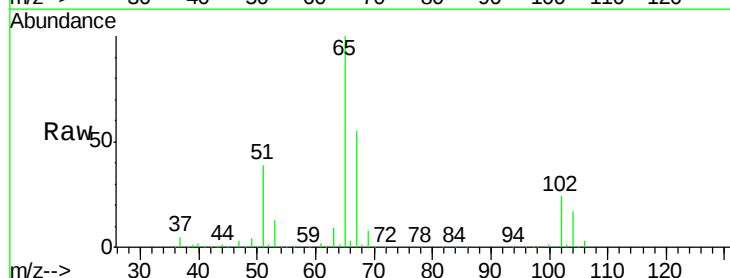
Acq: 10 Jun 2019 19:39

Tgt Ion: 65 Resp: 115032

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

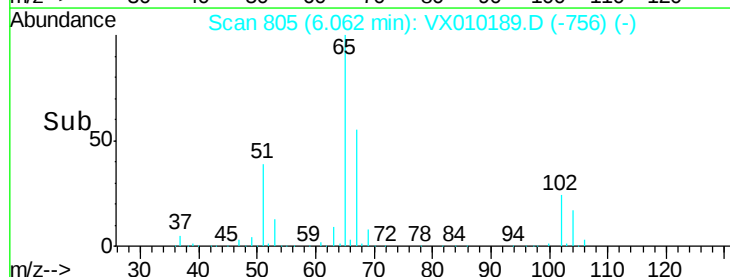
20000

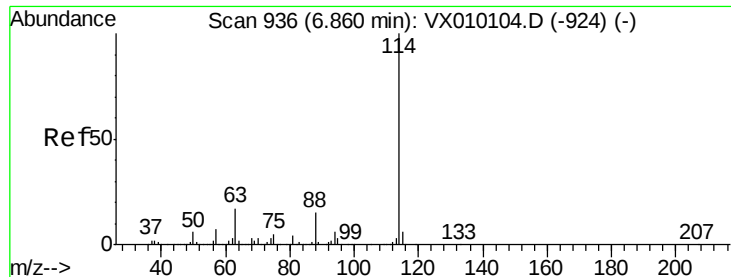
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010189.D

Acq: 10 Jun 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW312I-20190607

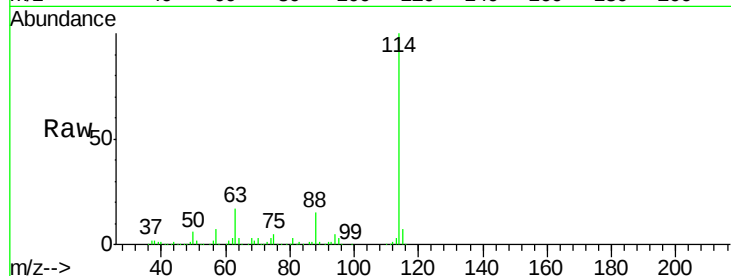
Tot Ion:114 Resp: 391981

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

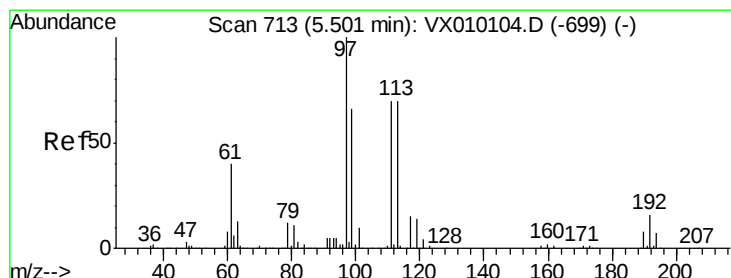
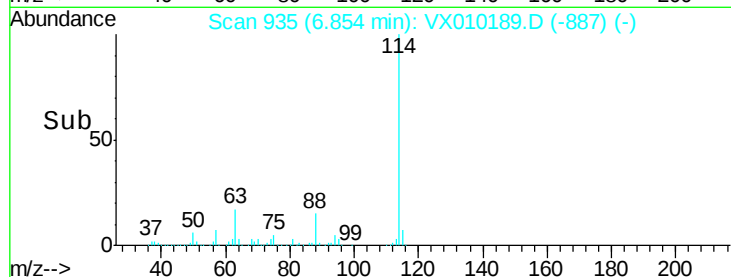
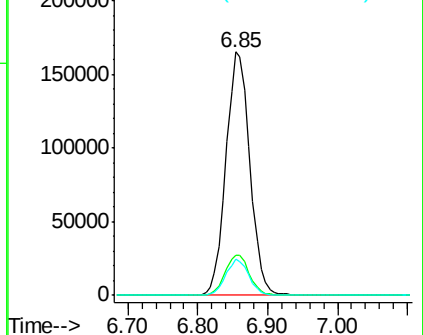
88 14.8 0.0 33.0



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: 48.916 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010189.D

Acq: 10 Jun 2019 19:39

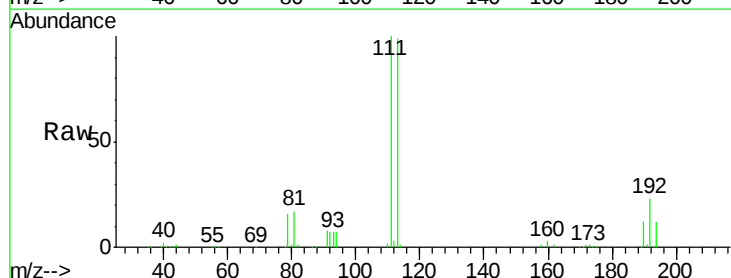
Tgt Ion:113 Resp: 118270

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

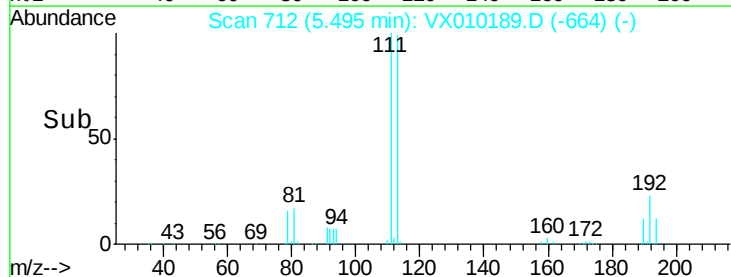
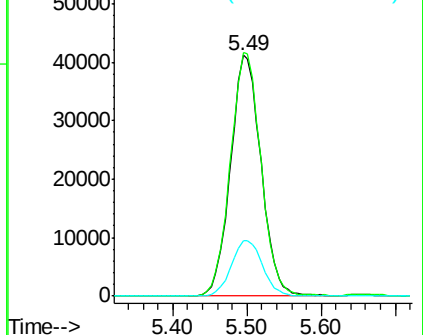
192 23.4 17.1 25.7

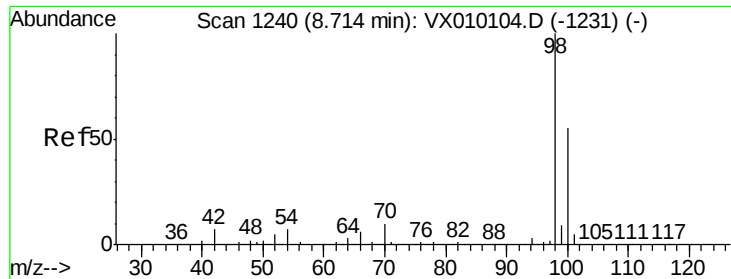


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.731 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010189.D

Acq: 10 Jun 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

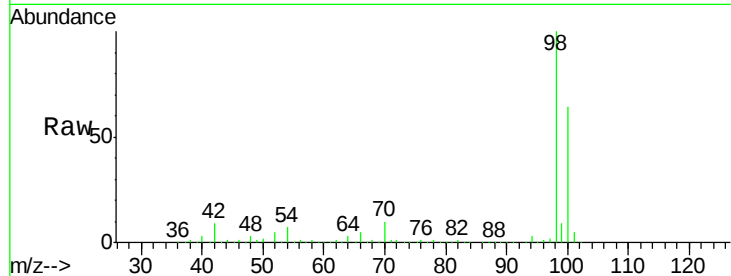
BPS1-TT-MW312I-20190607

Tot Ion: 98 Resp: 459702

Ion Ratio Lower Upper

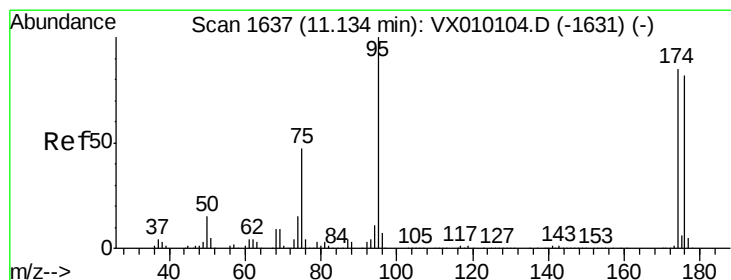
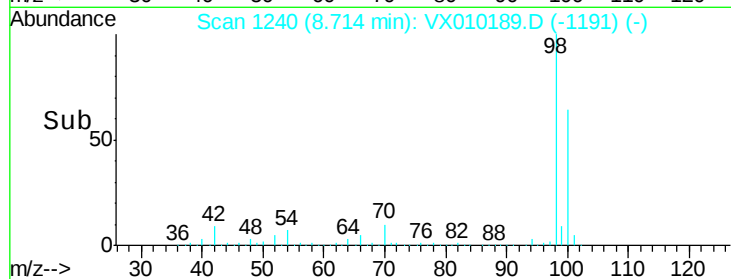
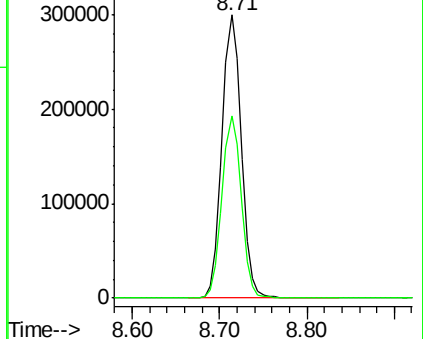
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 46.960 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010189.D

Acq: 10 Jun 2019 19:39

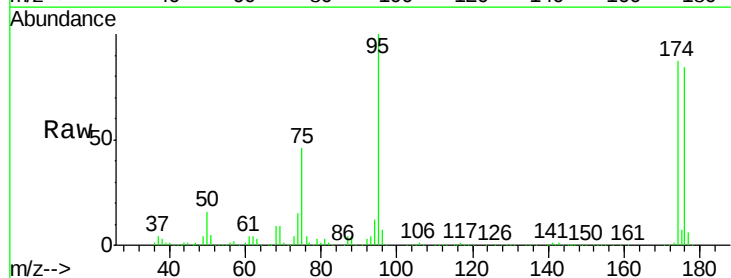
Tgt Ion: 95 Resp: 158921

Ion Ratio Lower Upper

95 100

174 94.2 0.0 160.4

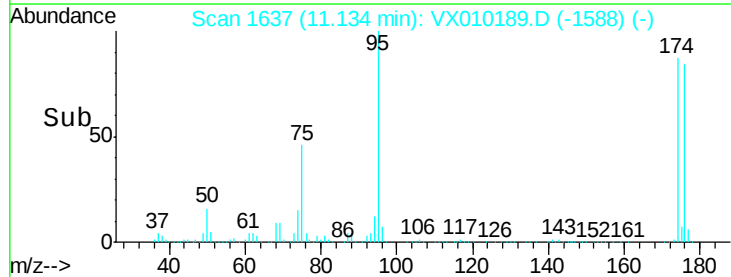
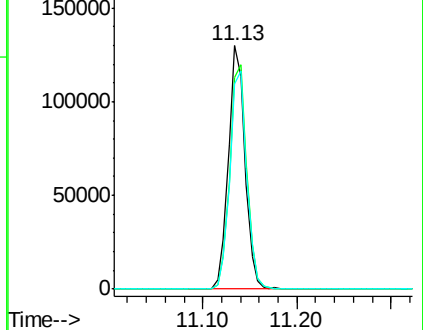
176 91.5 0.0 154.6

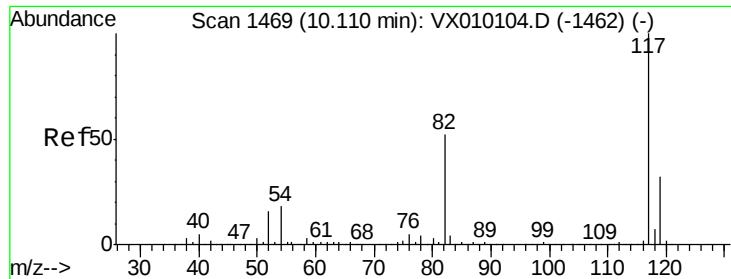


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010189.D

Acq: 10 Jun 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW312I-20190607

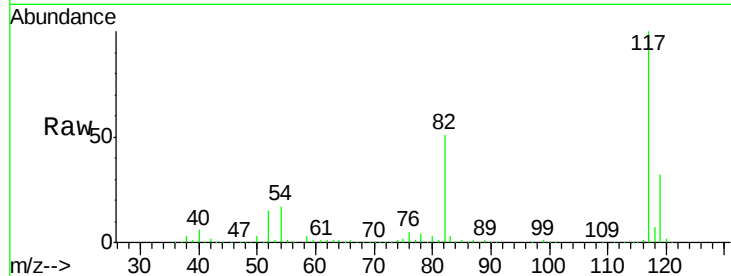
Tot Ion:117 Resp: 353892

Ion Ratio Lower Upper

117 100

82 51.2 49.2 73.8

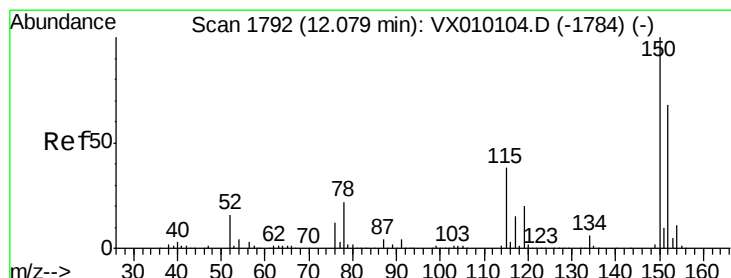
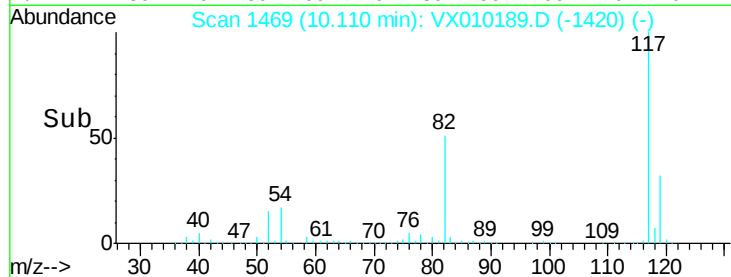
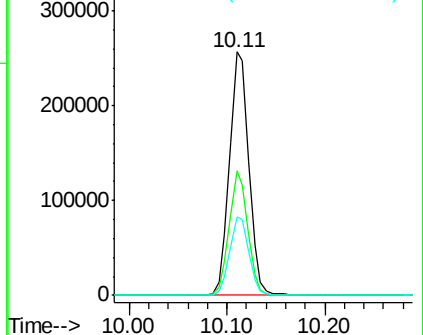
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): 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: VX010189.D

Acq: 10 Jun 2019 19:39

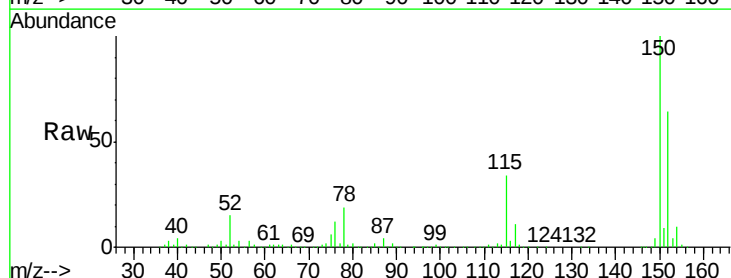
Tgt Ion:152 Resp: 169272

Ion Ratio Lower Upper

152 100

115 54.1 41.4 124.2

150 156.6 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

