

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010186.D
 Acq On : 10 Jun 2019 18:29
 Operator : JC/SP
 Sample : K3279-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB04-20190607

Quant Time: Jun 11 07:42:12 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	256535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155521	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	114576	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	119035	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.71	98	446282	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	147986	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	

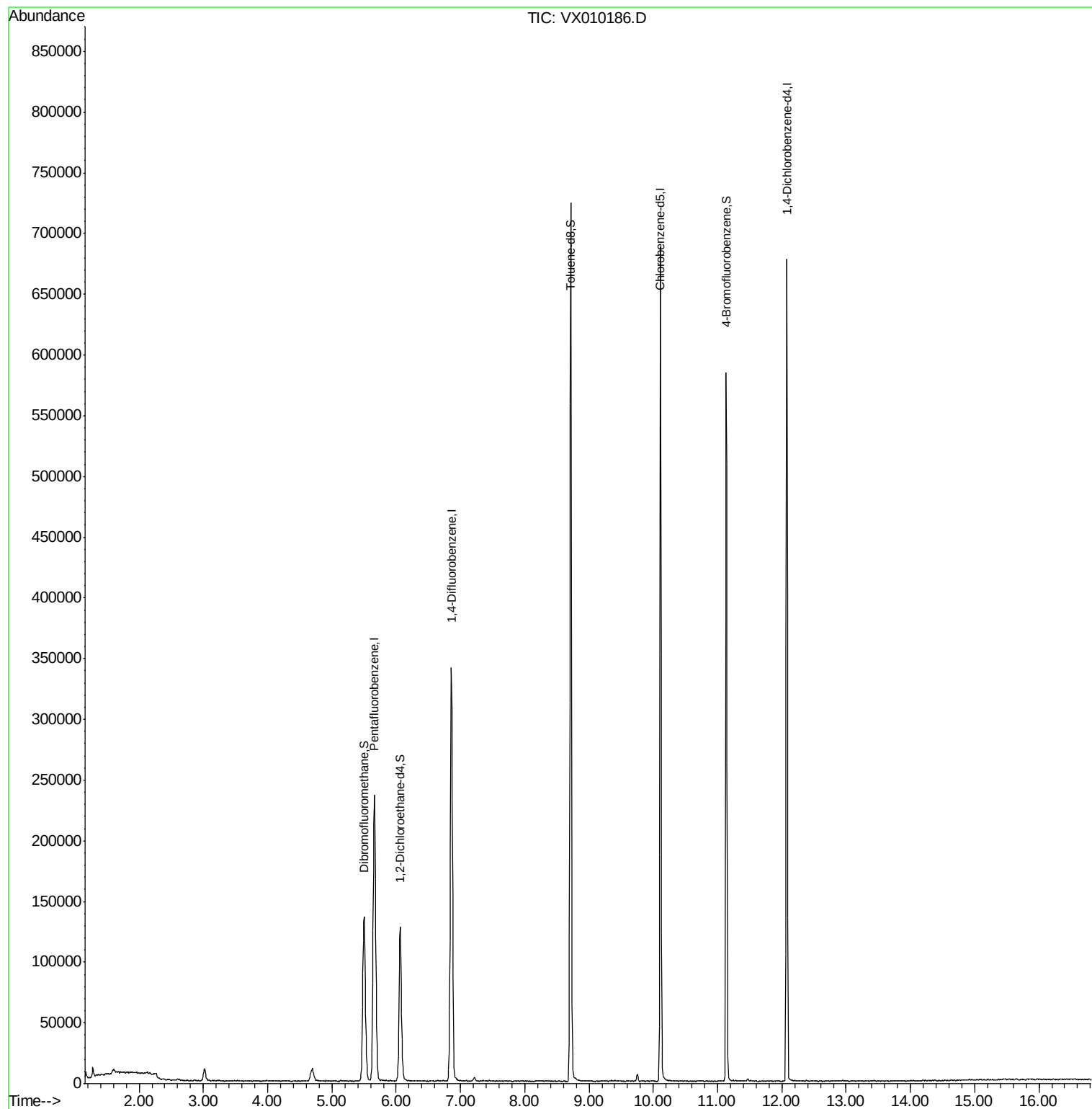
Target Compounds	Qvalue
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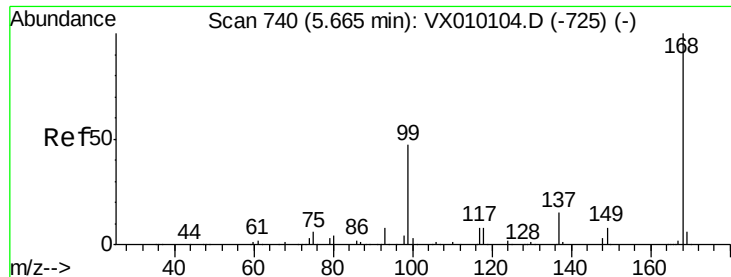
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010186.D

Acq: 10 Jun 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

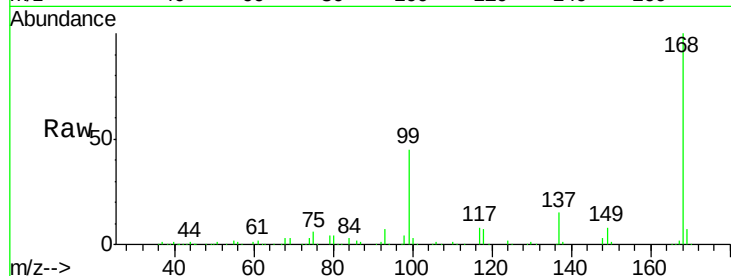
BP-TB04-20190607

Tot Ion:168 Resp: 256535

Ion Ratio Lower Upper

168 100

99 44.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

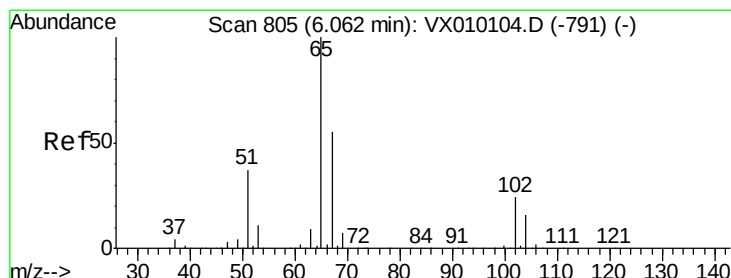
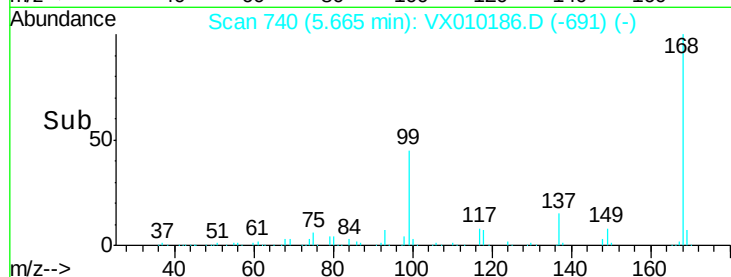
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.756 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010186.D

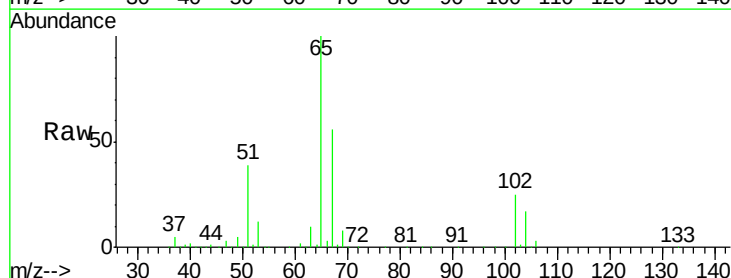
Acq: 10 Jun 2019 18:29

Tgt Ion: 65 Resp: 114576

Ion Ratio Lower Upper

65 100

67 55.7 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

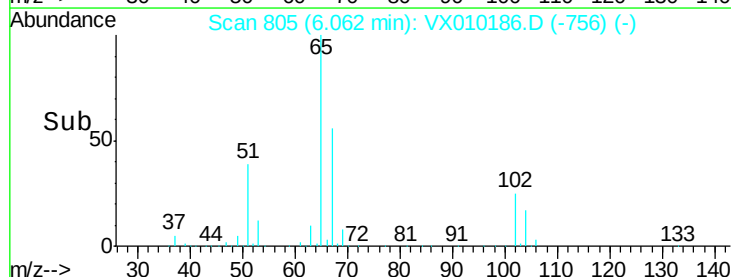
30000

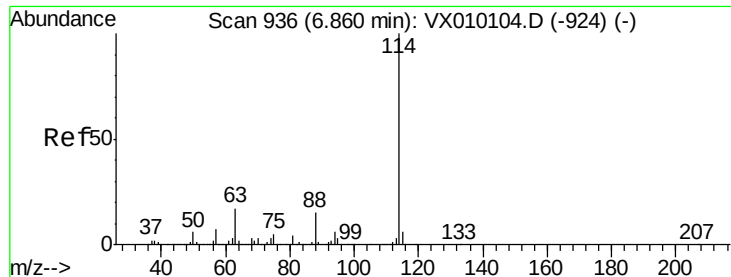
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010186.D

Acq: 10 Jun 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20190607

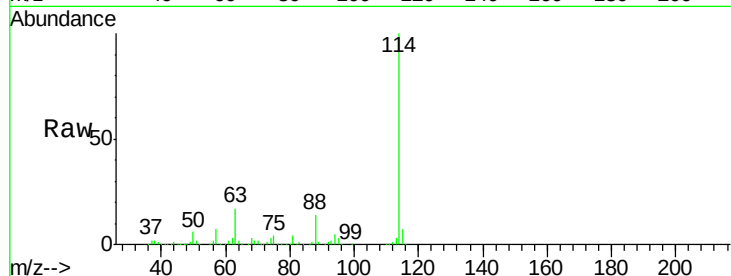
Tot Ion:114 Resp: 385094

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

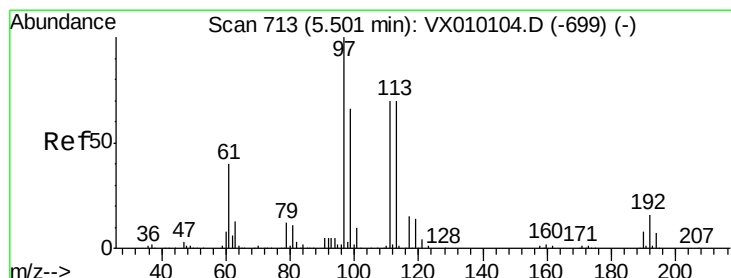
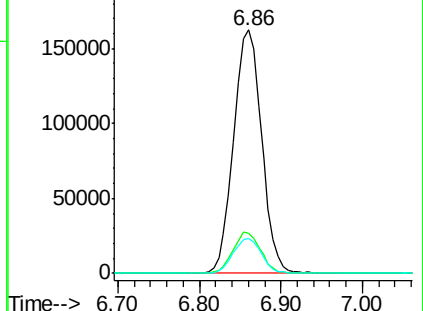
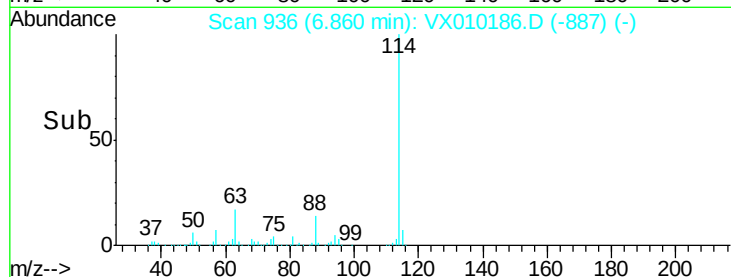
88 14.2 0.0 33.0



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: 50.113 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010186.D

Acq: 10 Jun 2019 18:29

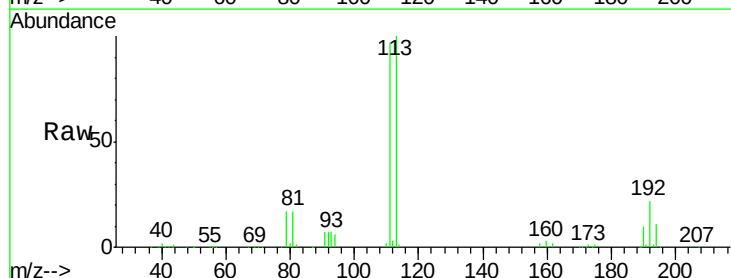
Tgt Ion:113 Resp: 119035

Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.2

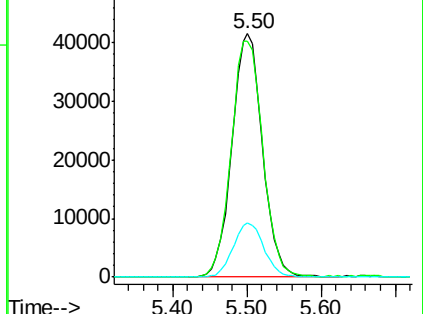
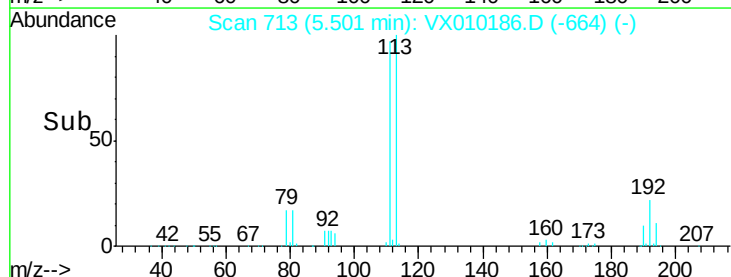
192 22.5 17.1 25.7

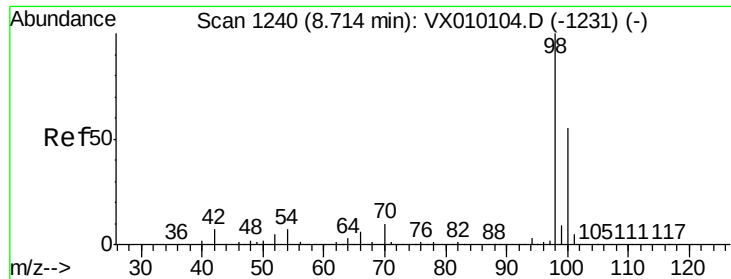


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.130 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010186.D

Acq: 10 Jun 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

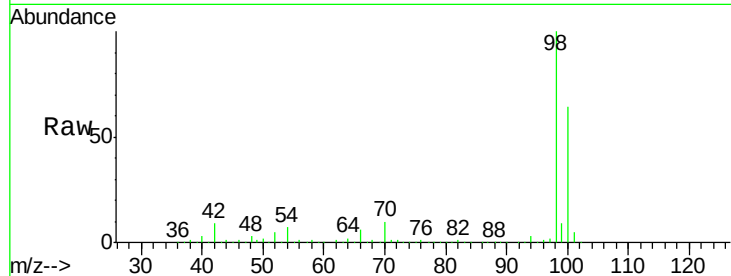
BP-TB04-20190607

Tot Ion: 98 Resp: 446282

Ion Ratio Lower Upper

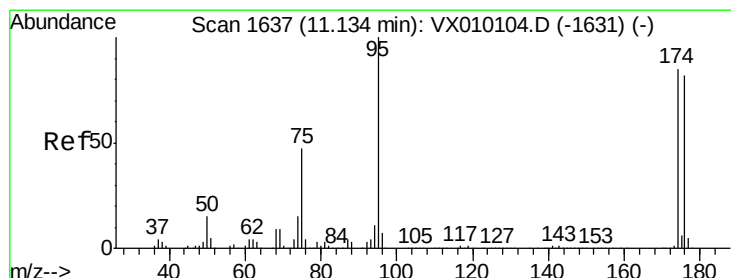
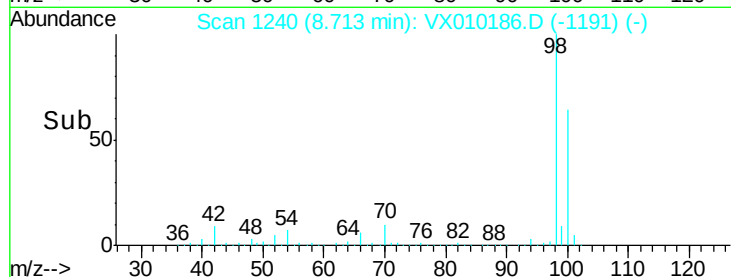
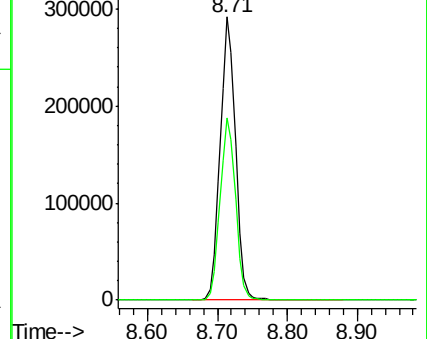
98 100

100 64.6 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: 44.511 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010186.D

Acq: 10 Jun 2019 18:29

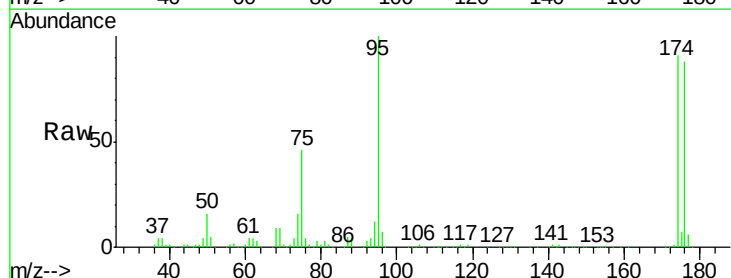
Tgt Ion: 95 Resp: 147986

Ion Ratio Lower Upper

95 100

174 95.8 0.0 160.4

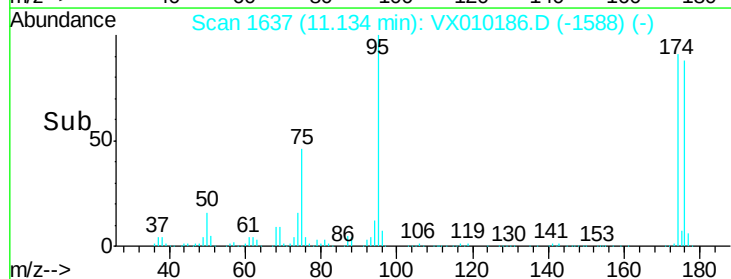
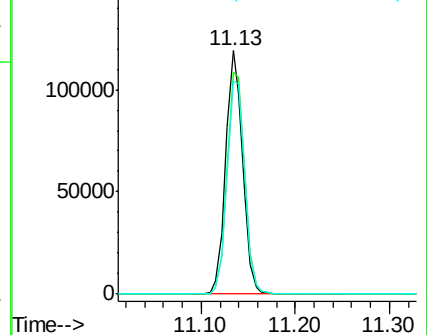
176 92.0 0.0 154.6

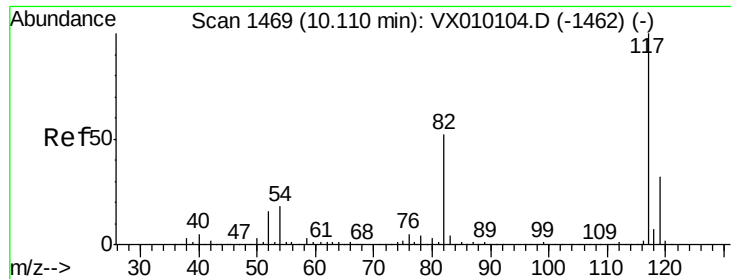


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

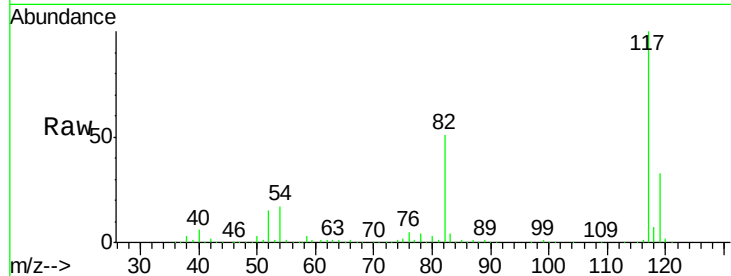




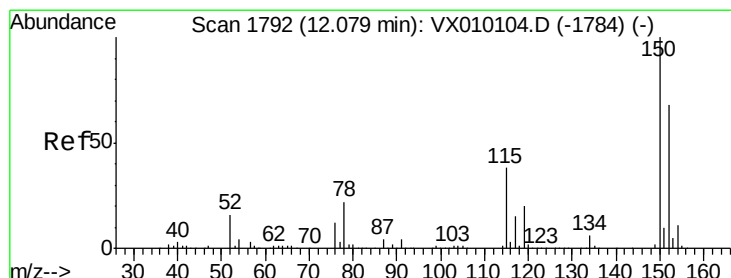
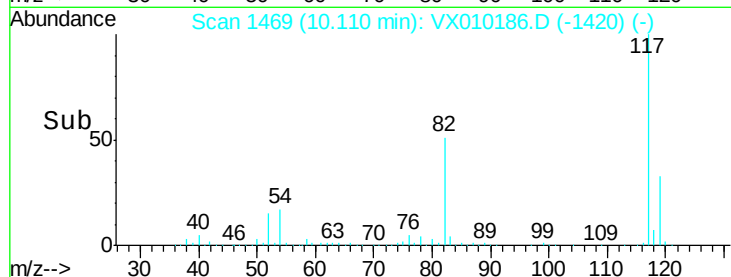
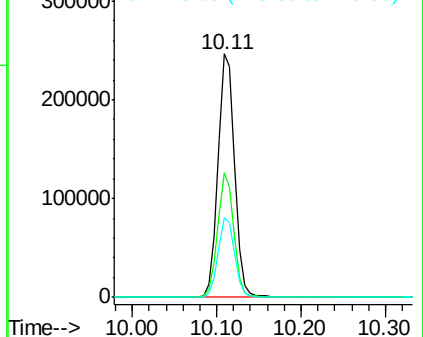
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX010186.D
 Acq: 10 Jun 2019 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB04-20190607

Tot Ion:117 Resp: 338438
 Ion Ratio Lower Upper
 117 100
 82 51.0 49.2 73.8
 119 32.8 25.2 37.8

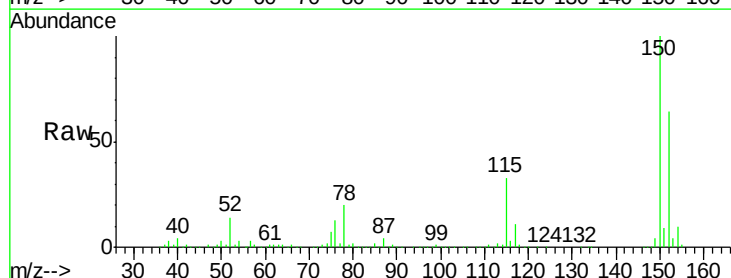


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010186.D
 Acq: 10 Jun 2019 18:29

Tgt Ion:152 Resp: 155521
 Ion Ratio Lower Upper
 152 100
 115 54.0 41.4 124.2
 150 156.0 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

