

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032119\
 Data File : VX008327.D
 Acq On : 22 Mar 2019 07:09
 Operator : JC/SP
 Sample : K1969-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW203I-20190315

Quant Time: Mar 22 10:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	108006	37.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.98%	
35) Dibromofluoromethane	5.51	113	96412	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	8.71	98	341307	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
62) 4-Bromofluorobenzene	11.13	95	110624	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	

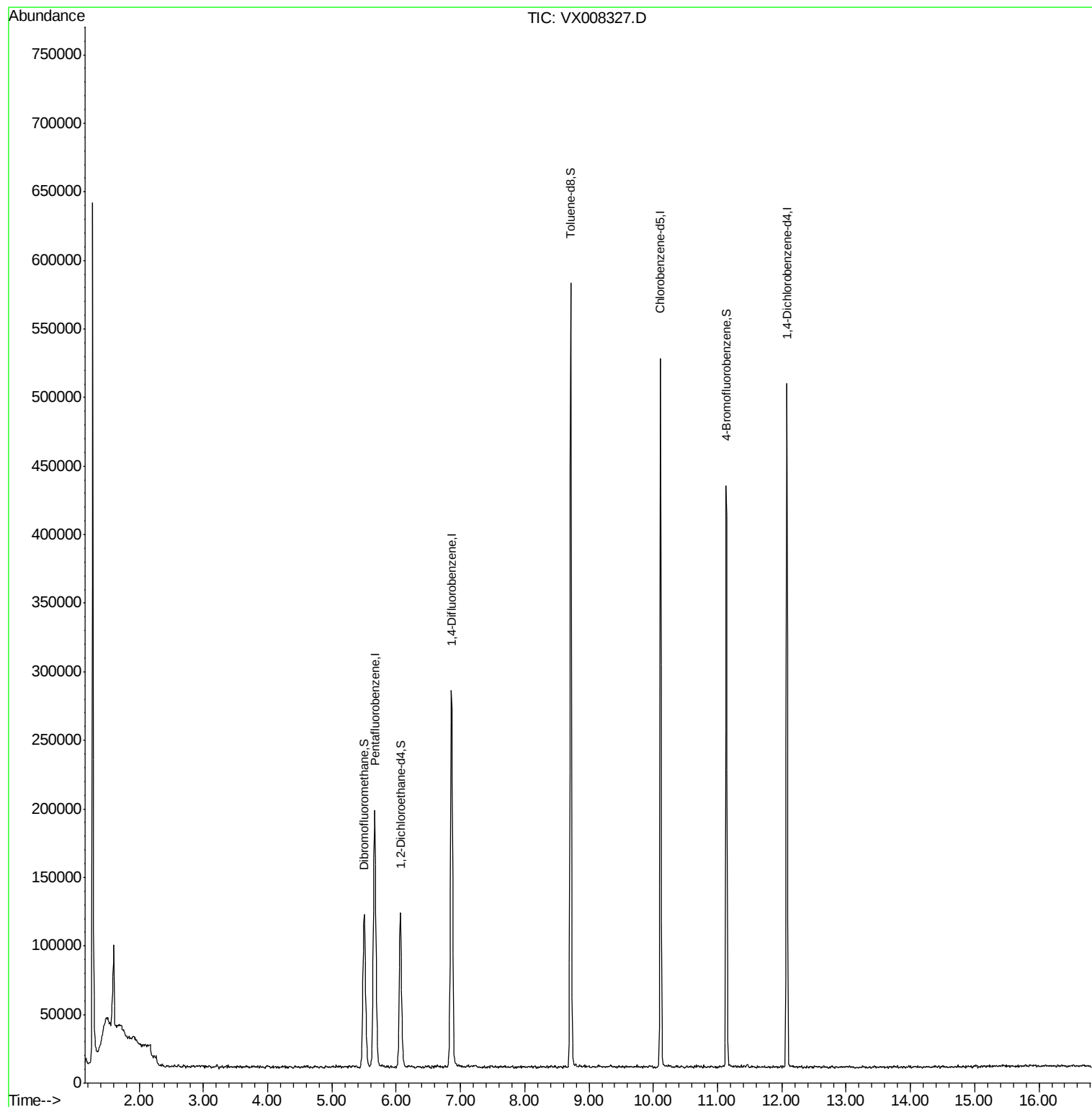
Target Compounds	Qvalue
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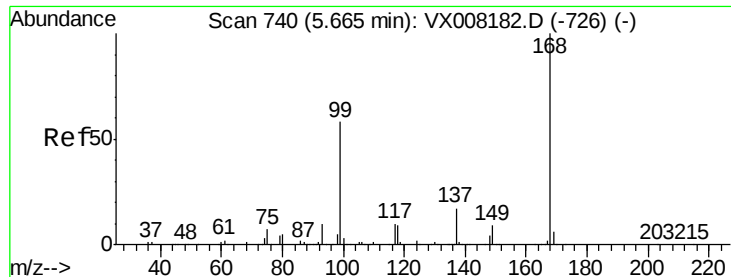
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

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Acq: 22 Mar 2019 07:09

Instrument :

MSVOA_X

ClientSampleId :

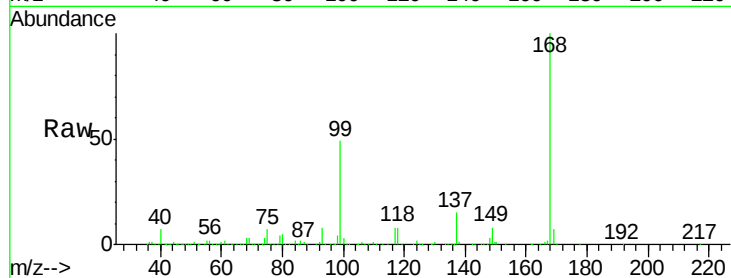
BP-TT-MW203I-20190315

Tgt Ion:168 Resp: 191267

Ion Ratio Lower Upper

168 100

99 49.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

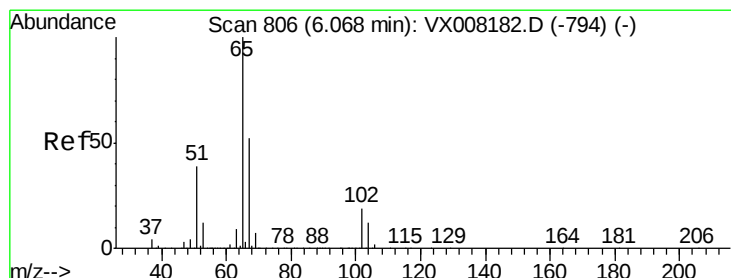
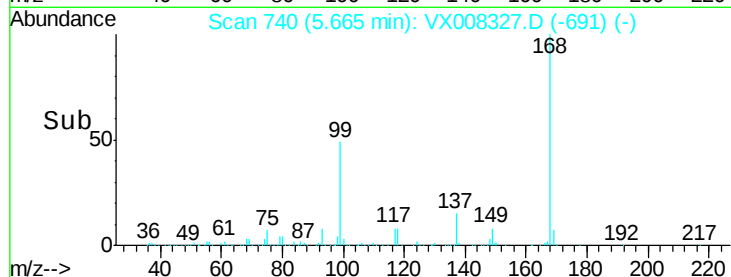
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 37.494 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008327.D

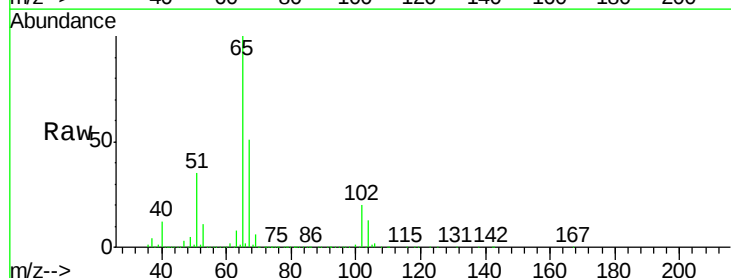
Acq: 22 Mar 2019 07:09

Tgt Ion: 65 Resp: 108006

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

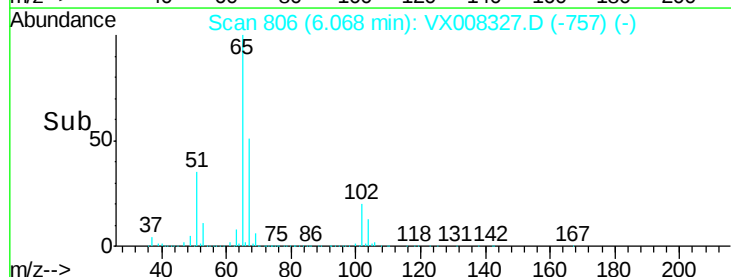
30000

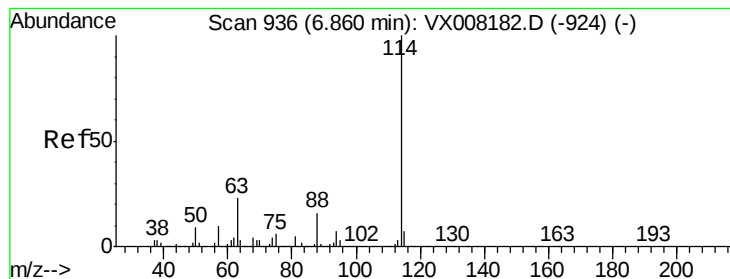
20000

10000

0

Time--> 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: VX008327.D

Acq: 22 Mar 2019 07:09

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190315

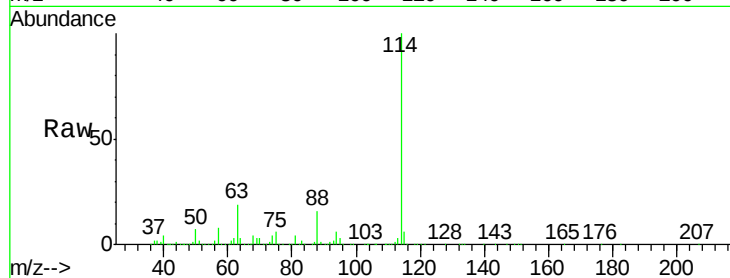
Tgt Ion:114 Resp: 290633

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

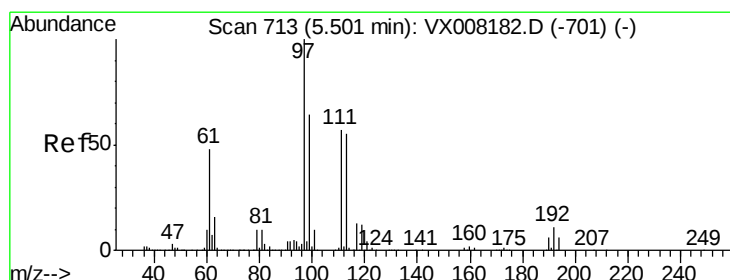
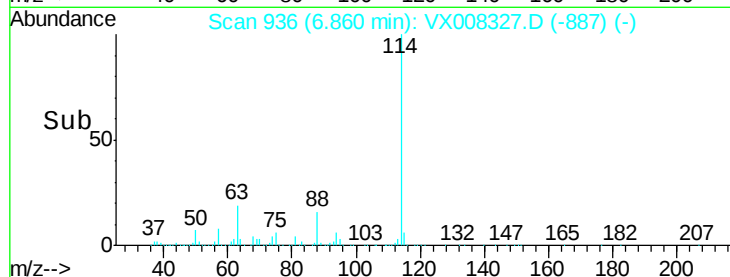
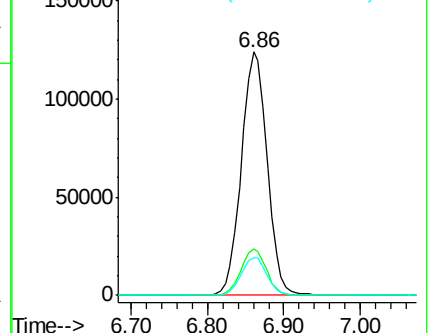
88 15.6 0.0 31.4



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: 49.554 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008327.D

Acq: 22 Mar 2019 07:09

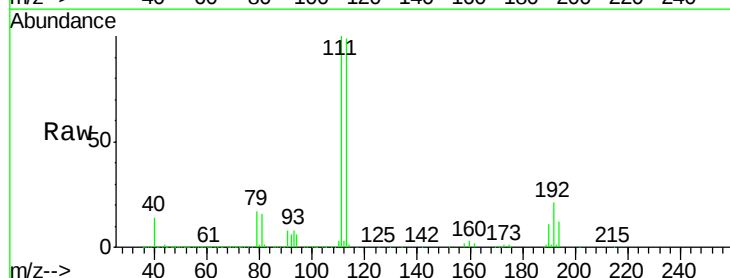
Tgt Ion:113 Resp: 96412

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

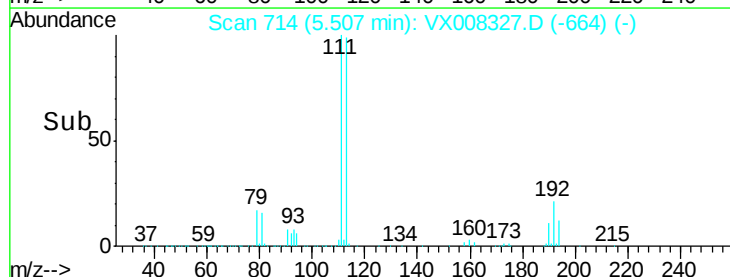
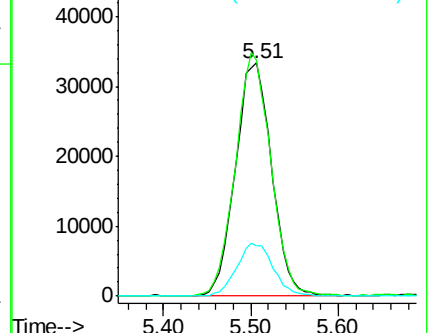
192 22.7 19.4 29.0

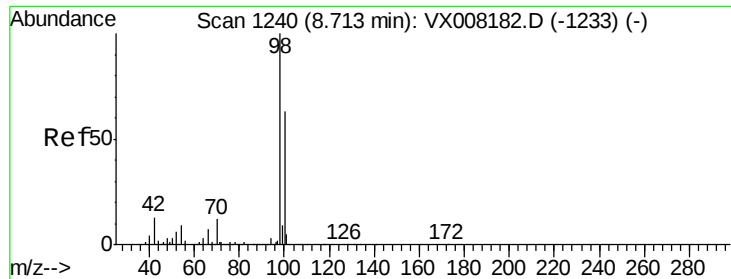


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.270 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008327.D

Acq: 22 Mar 2019 07:09

Instrument :

MSVOA_X

ClientSampleId :

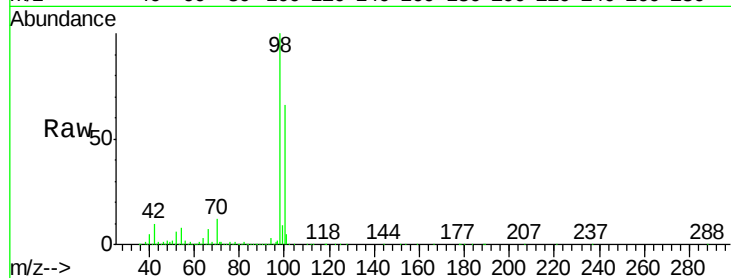
BP-TT-MW203I-20190315

Tgt Ion: 98 Resp: 341307

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

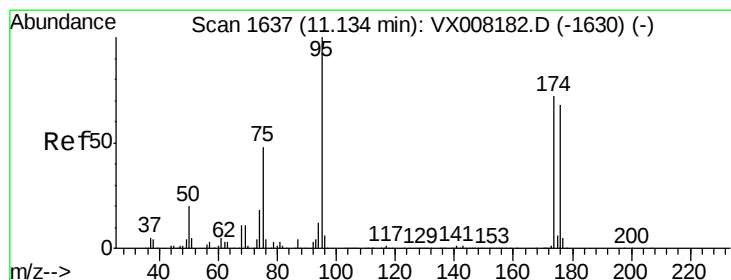
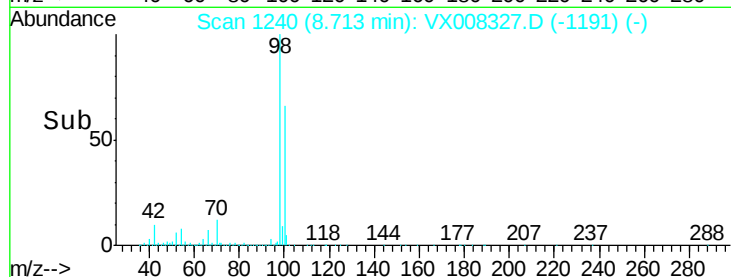
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.555 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008327.D

Acq: 22 Mar 2019 07:09

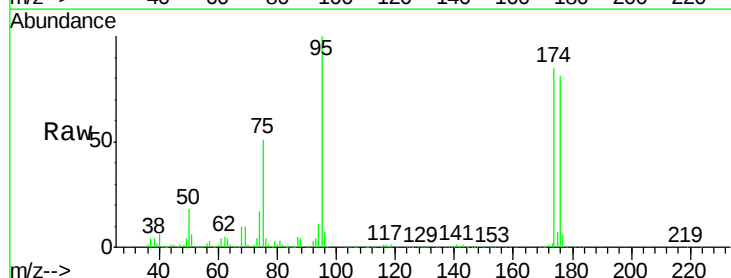
Tgt Ion: 95 Resp: 110624

Ion Ratio Lower Upper

95 100

174 90.3 0.0 182.8

176 86.3 0.0 178.0



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

120000

100000

80000

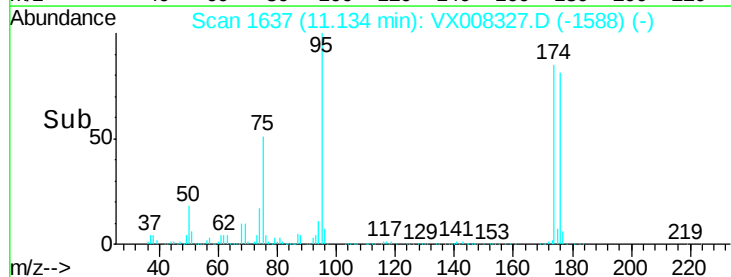
60000

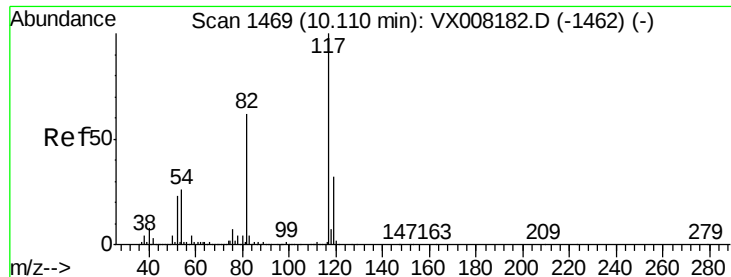
40000

20000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008327.D

Acq: 22 Mar 2019 07:09

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW203I-20190315

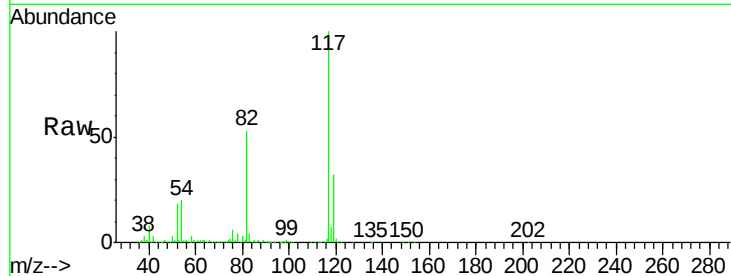
Tgt Ion:117 Resp: 249511

Ion Ratio Lower Upper

117 100

82 53.3 44.3 66.5

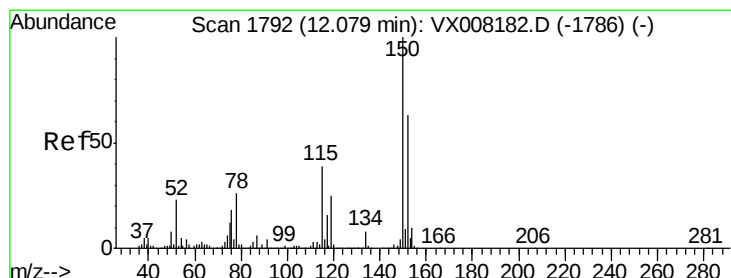
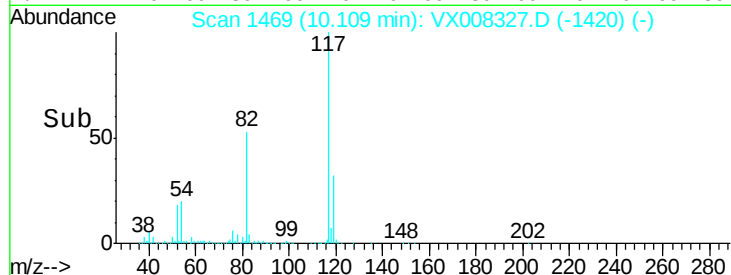
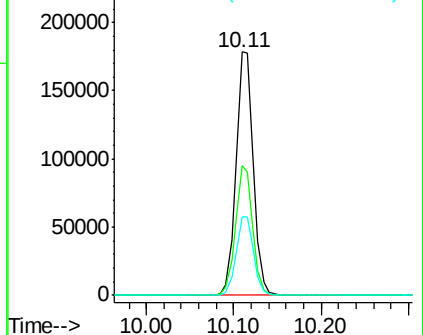
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX008327.D

Acq: 22 Mar 2019 07:09

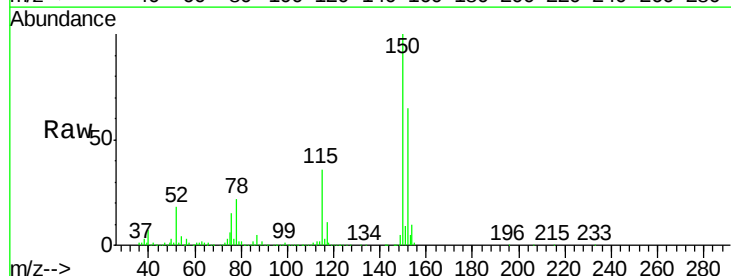
Tgt Ion:152 Resp: 107903

Ion Ratio Lower Upper

152 100

115 56.4 38.6 115.7

150 156.6 0.0 348.4



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

