

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009346.D
 Acq On : 06 May 2019 13:31
 Operator : JC/SP
 Sample : K2707-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20190502

Quant Time: May 07 11:03:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115681	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	128386	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	5.49	113	96124	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	391938	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	129298	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	

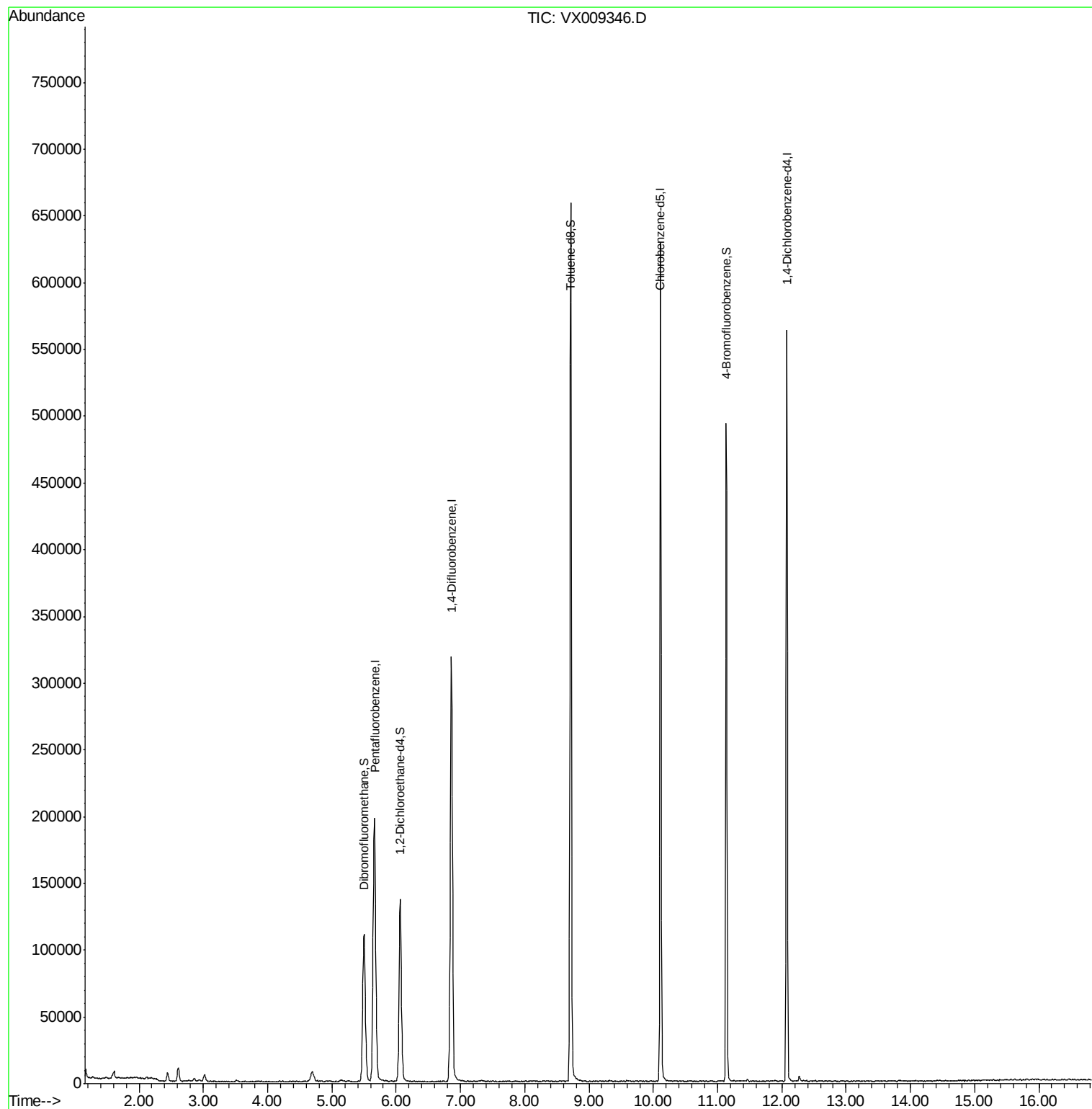
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 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: VX009346.D

Acq: 06 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

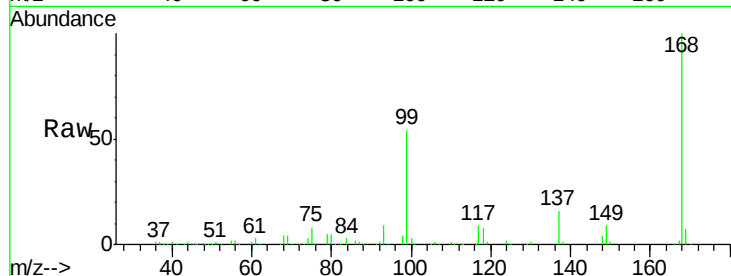
BP-TB-20190502

Tot Ion:168 Resp: 196330

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

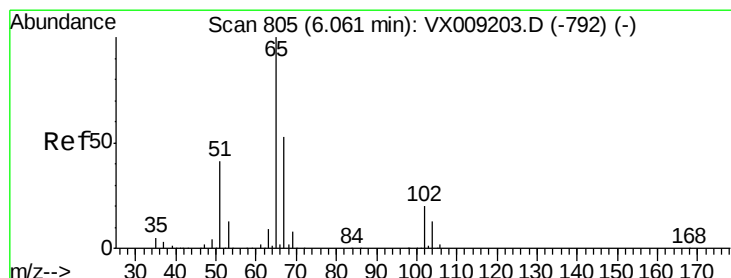
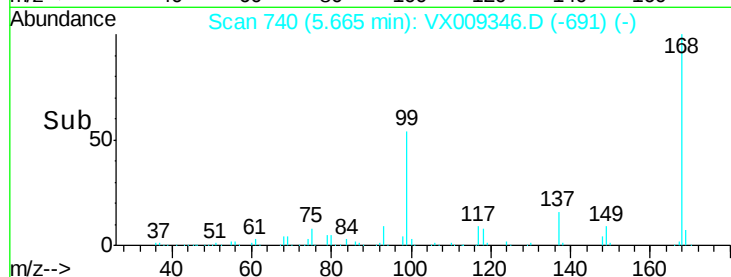
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.903 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009346.D

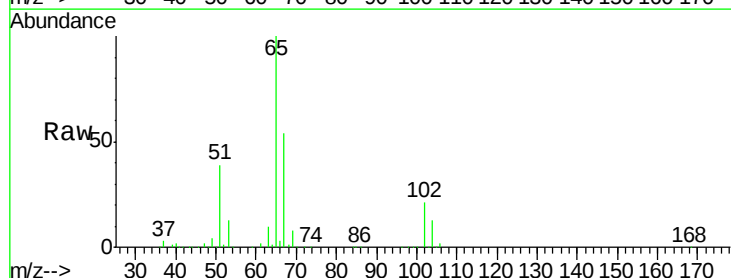
Acq: 06 May 2019 13:31

Tgt Ion: 65 Resp: 128386

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

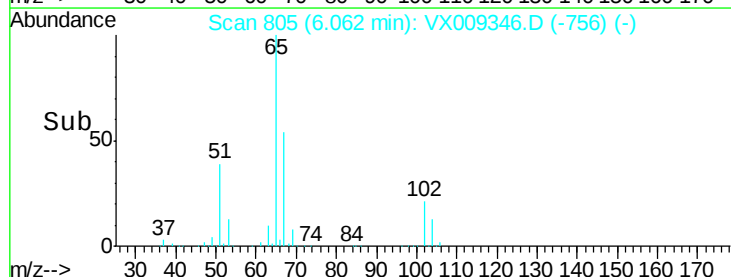
30000

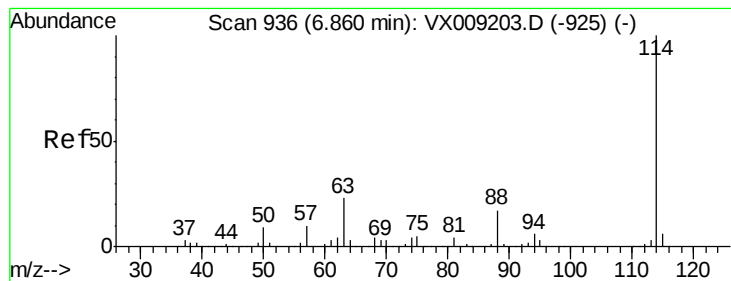
20000

10000

0

Time--> 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: VX009346.D

Acq: 06 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20190502

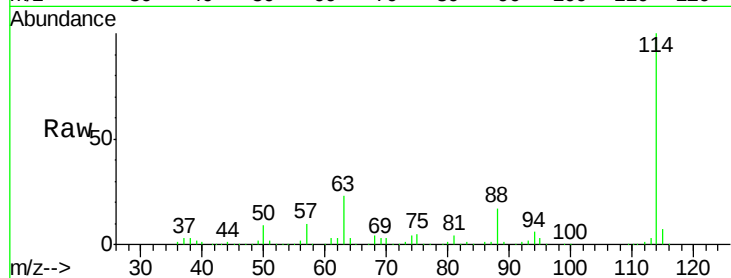
Tot Ion:114 Resp: 316787

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

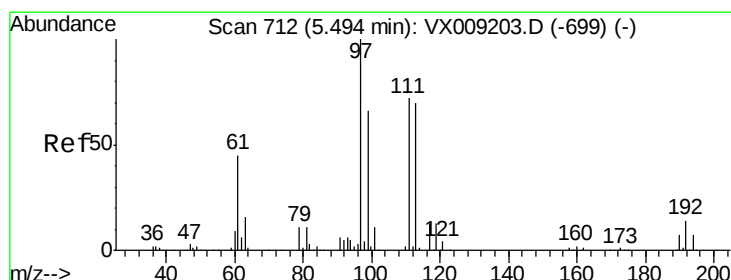
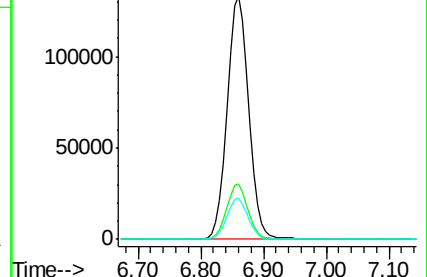
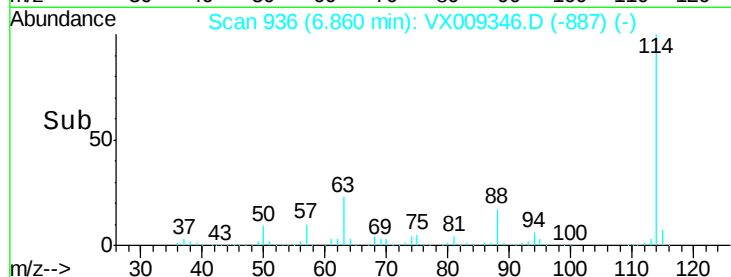
88 16.9 0.0 33.2



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: 48.268 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009346.D

Acq: 06 May 2019 13:31

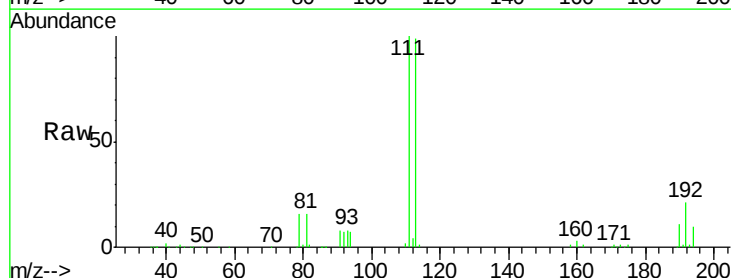
Tgt Ion:113 Resp: 96124

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

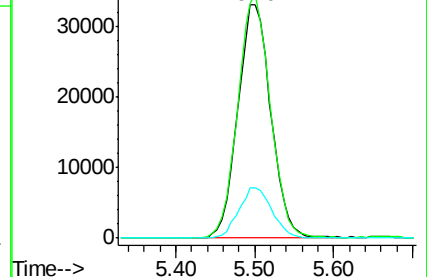
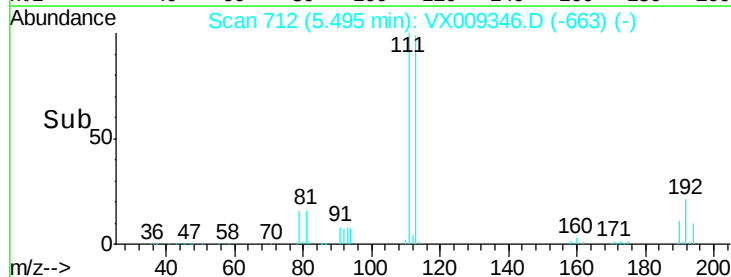
192 21.8 17.0 25.6

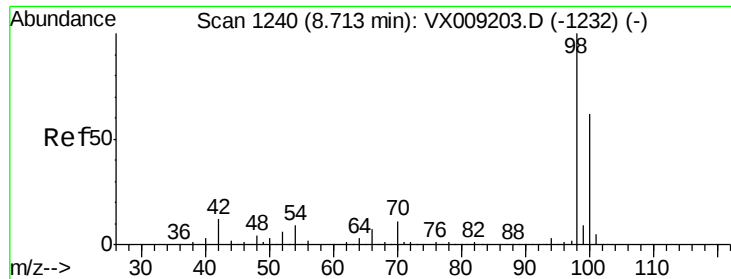


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

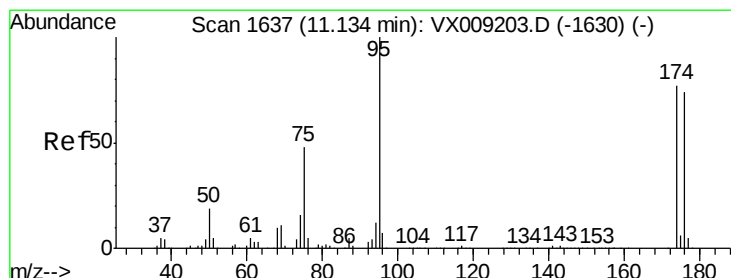
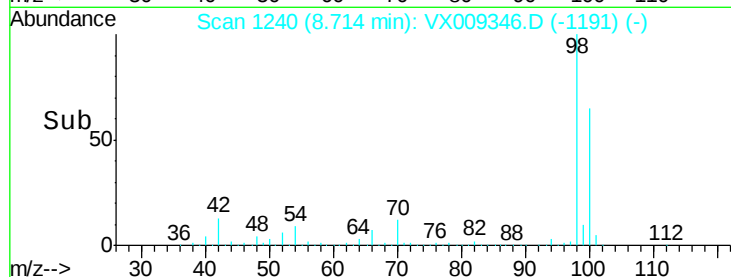
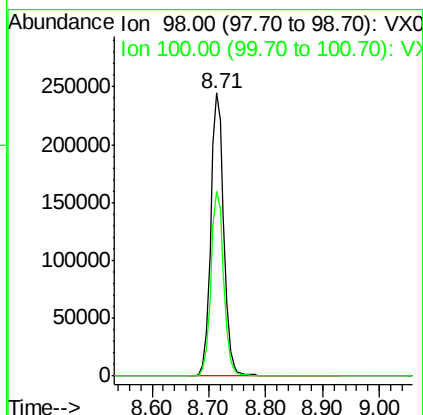
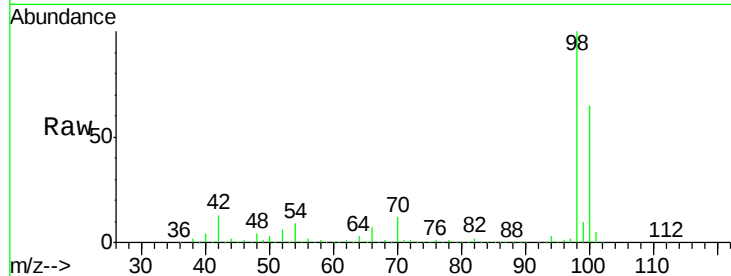




#50
Toluene-d8
Concen: 48.749 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009346.D
Acq: 06 May 2019 13:31

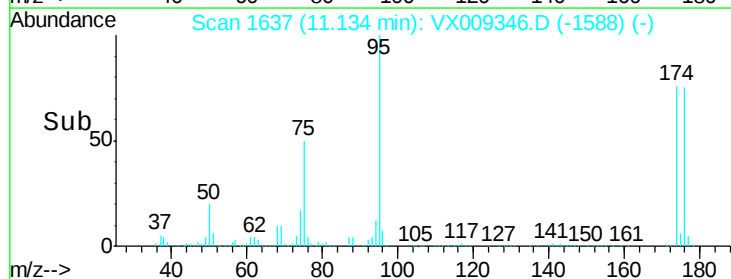
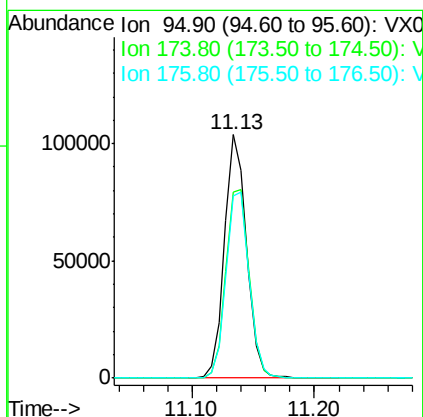
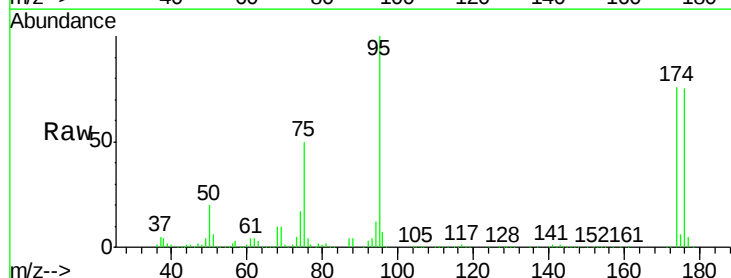
Instrument :
MSVOA_X
ClientSampled :
BP-TB-20190502

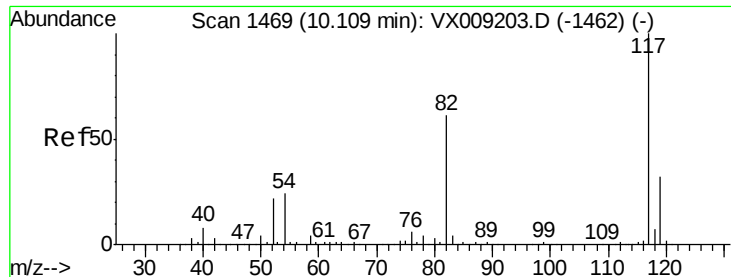
Tot Ion: 98 Resp: 391938
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.259 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009346.D
Acq: 06 May 2019 13:31

Tgt Ion: 95 Resp: 129298
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.6
176 79.9 0.0 159.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009346.D

Acq: 06 May 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20190502

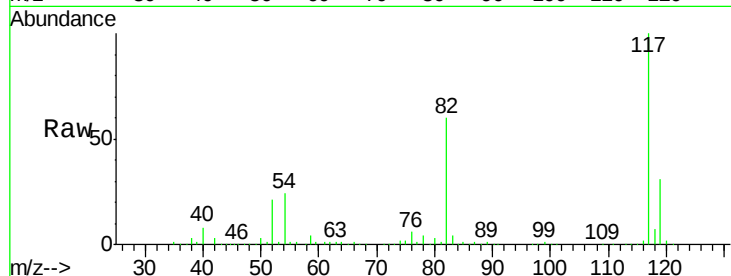
Tot Ion:117 Resp: 276769

Ion Ratio Lower Upper

117 100

82 60.2 48.8 73.2

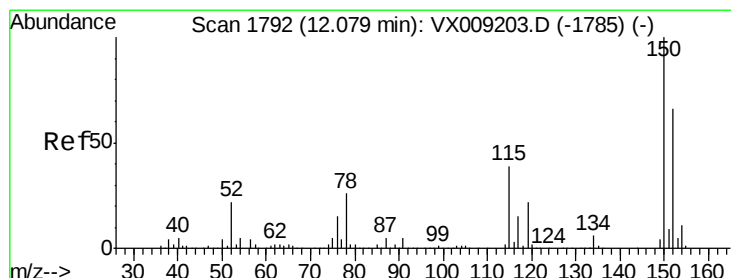
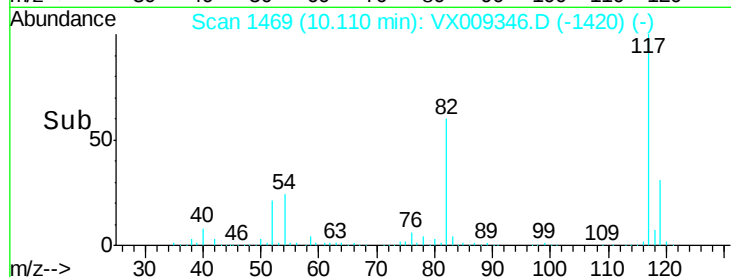
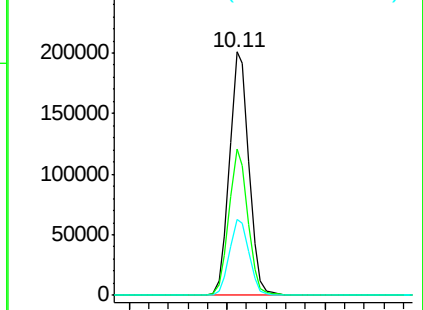
119 31.3 25.8 38.6



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: VX009346.D

Acq: 06 May 2019 13:31

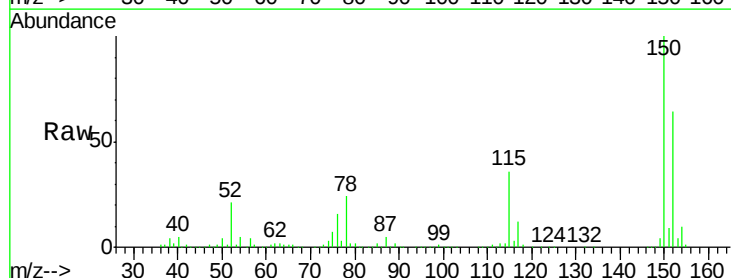
Tgt Ion:152 Resp: 115681

Ion Ratio Lower Upper

152 100

115 58.7 41.2 123.6

150 157.3 0.0 346.4



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

