

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008296.D
 Acq On : 21 Mar 2019 17:27
 Operator : JC/SP
 Sample : K1963-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20190315

Quant Time: Mar 22 09:46:09 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

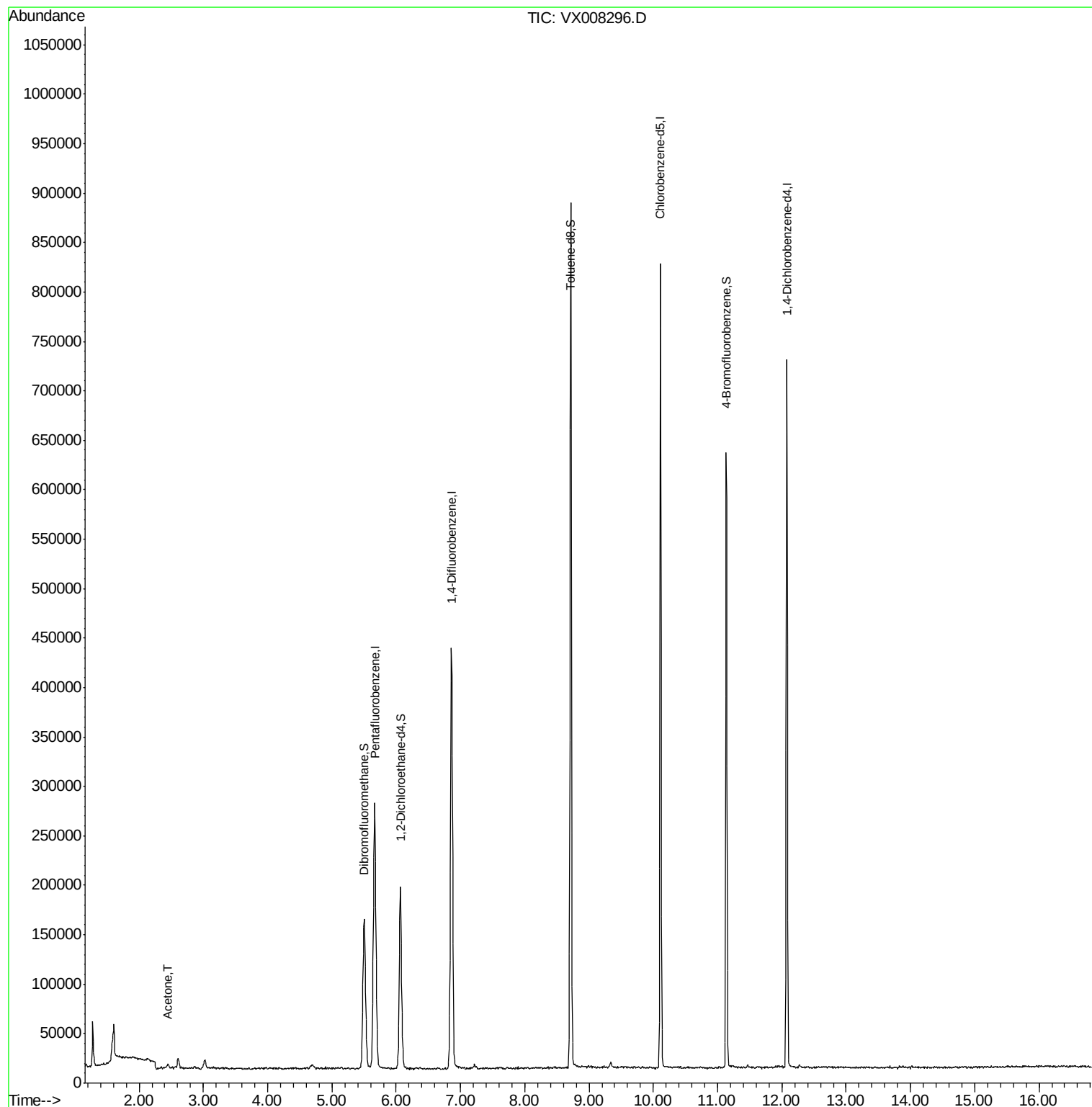
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	412275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174914	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
35) Dibromofluoromethane	5.50	113	128803	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
50) Toluene-d8	8.71	98	509608	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	158491	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds						
16) Acetone	2.45	43	4470	2.070	ug/l	Qvalue 95

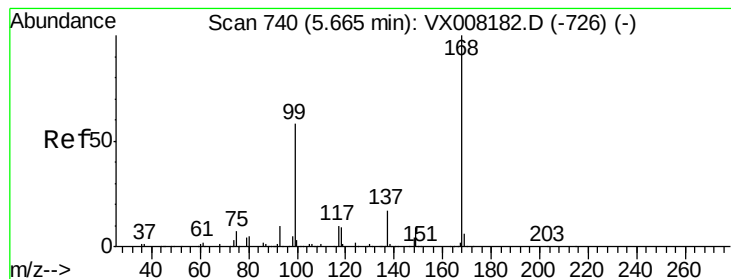
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_X

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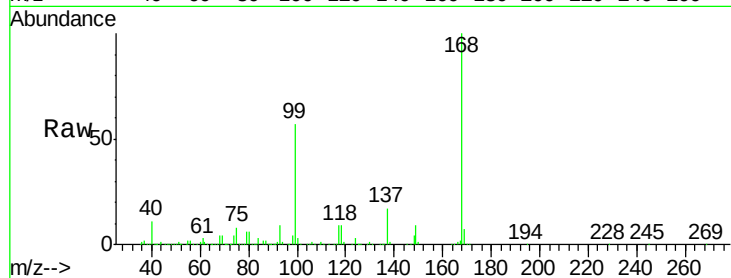
BP-HN-MW24S-20190315

Tot Ion:168 Resp: 252751

Ion Ratio Lower Upper

168 100

99 56.5 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

100000

80000

60000

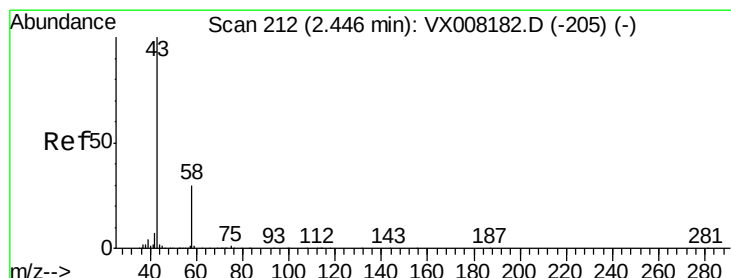
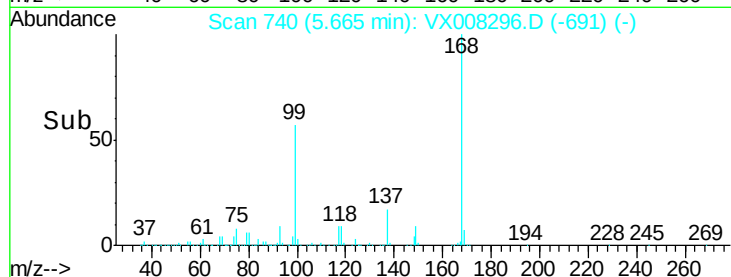
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.070 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008296.D

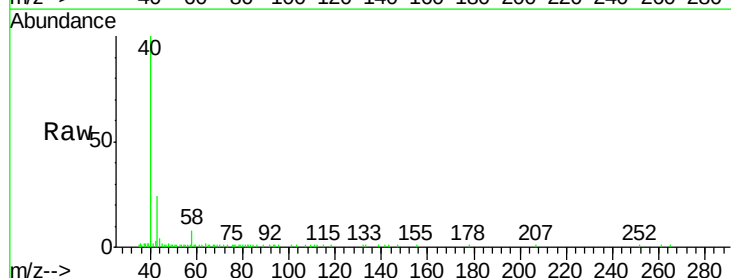
Acq: 21 Mar 2019 17:27

Tgt Ion: 43 Resp: 4470

Ion Ratio Lower Upper

43 100

58 34.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

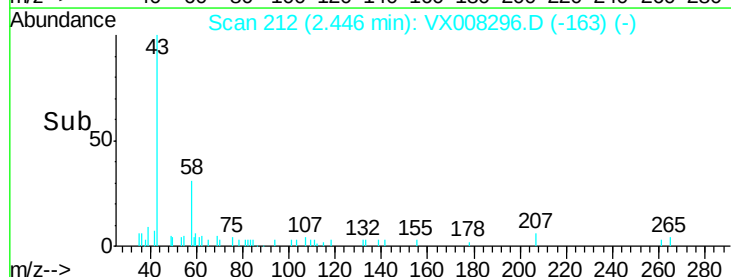
1000

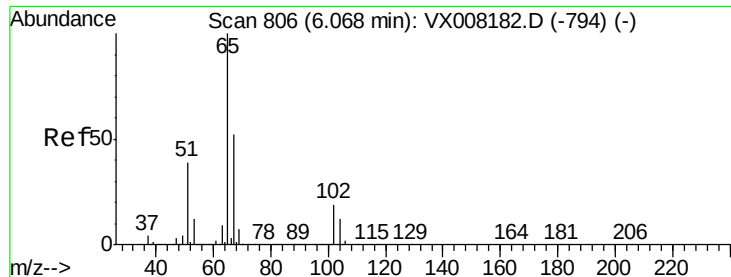
500

0

Time-->

2.35 2.40 2.45 2.50

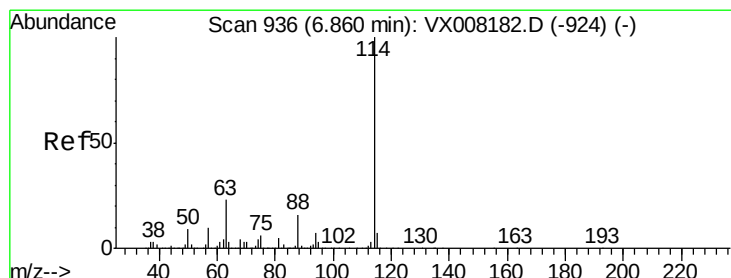
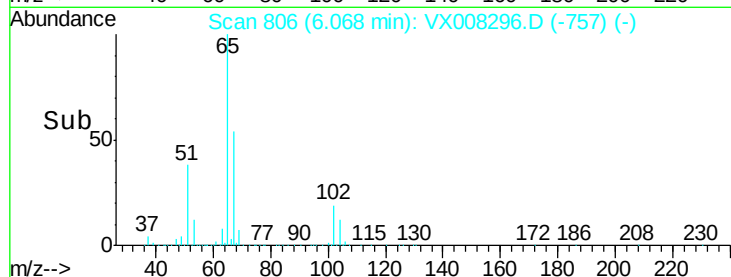
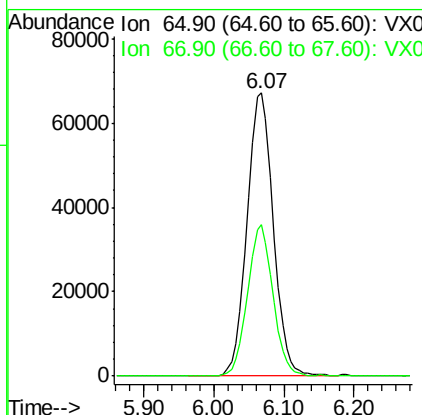
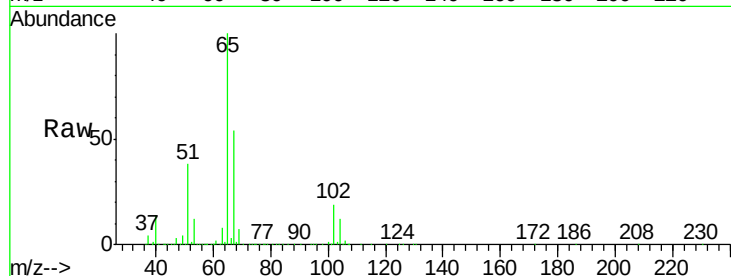




#33
 1,2-Dichloroethane-d4
 Concen: 45.950 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008296.D
 Acq: 21 Mar 2019 17:27

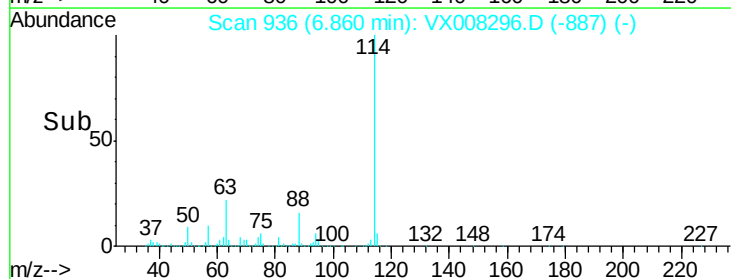
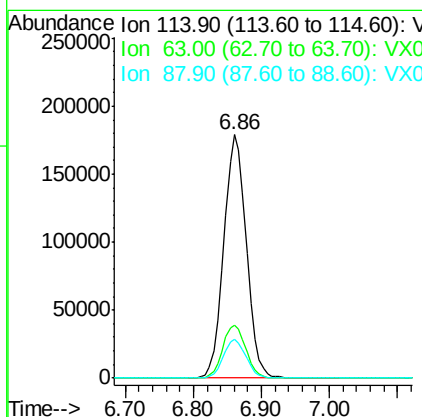
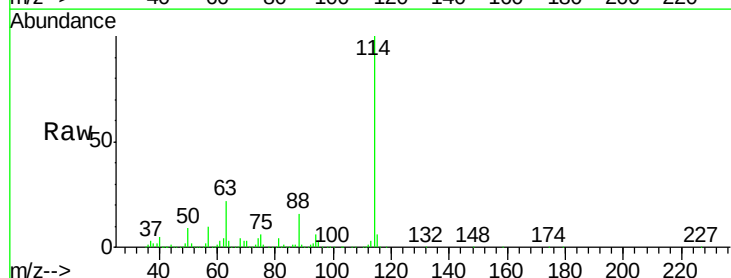
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20190315

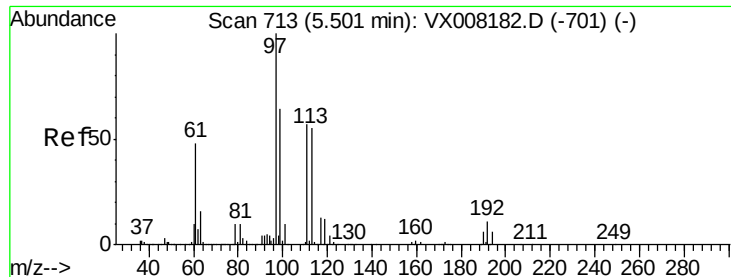
Tot Ion: 65 Resp: 174914
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008296.D
 Acq: 21 Mar 2019 17:27

Tgt Ion: 114 Resp: 412275
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.8
 88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.669 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008296.D

Acq: 21 Mar 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20190315

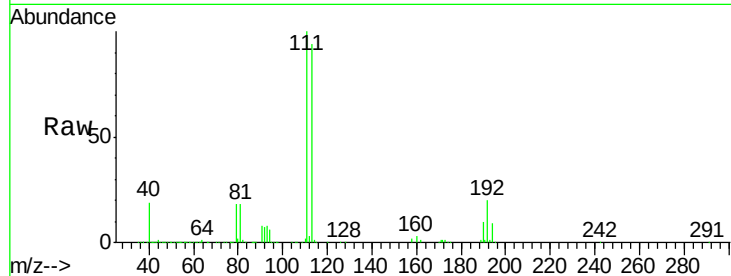
Tot Ion:113 Resp: 128803

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

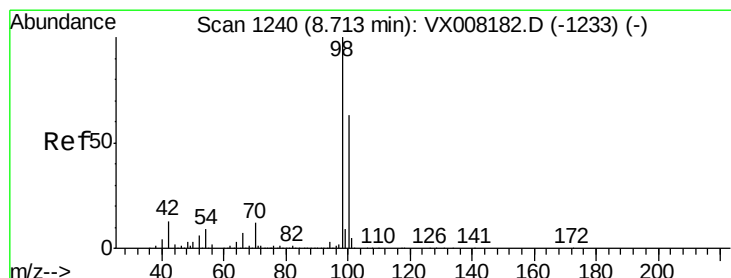
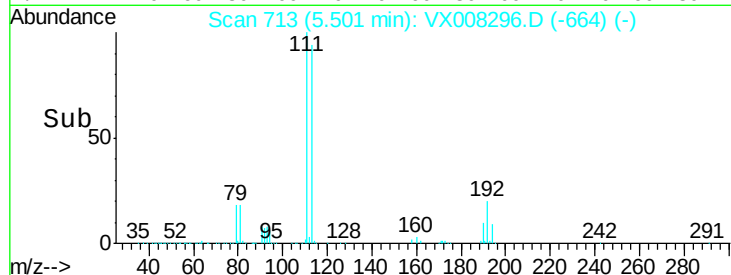
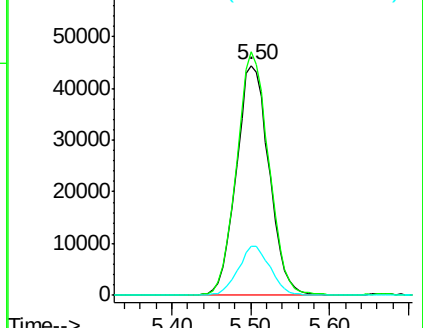
192 21.1 19.4 29.0



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: 48.702 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008296.D

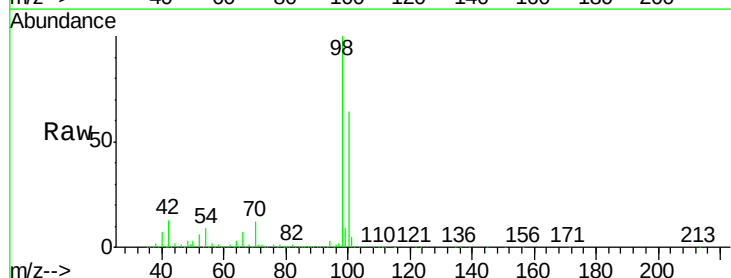
Acq: 21 Mar 2019 17:27

Tgt Ion: 98 Resp: 509608

Ion Ratio Lower Upper

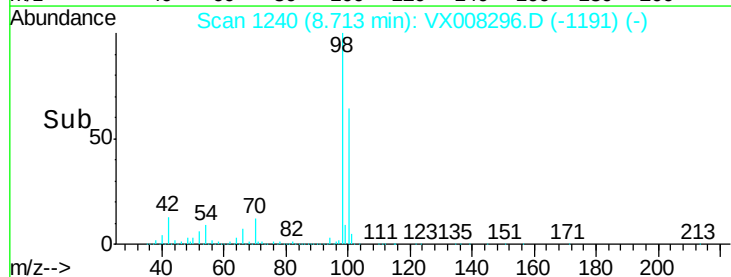
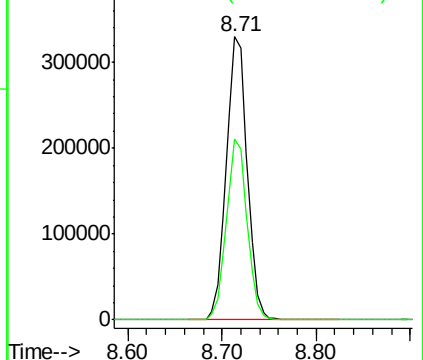
98 100

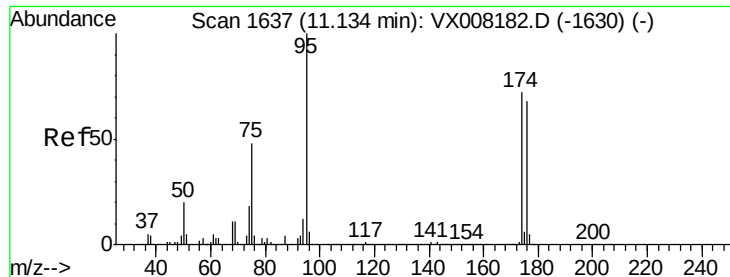
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.990 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008296.D

Acq: 21 Mar 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20190315

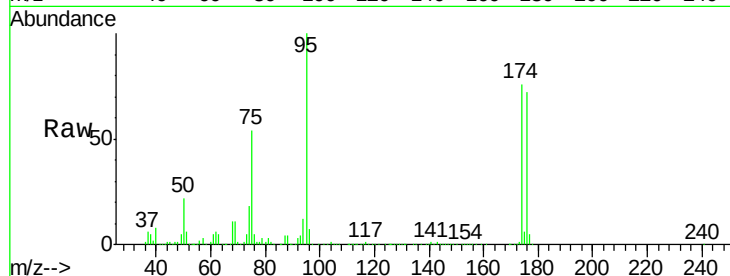
Tot Ion: 95 Resp: 158491

Ion Ratio Lower Upper

95 100

174 81.7 0.0 182.8

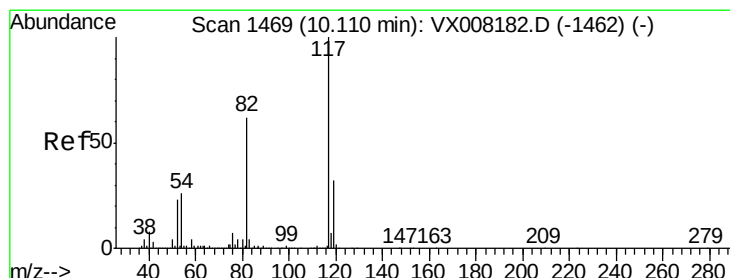
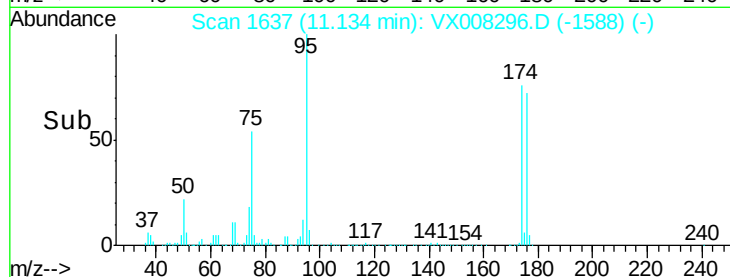
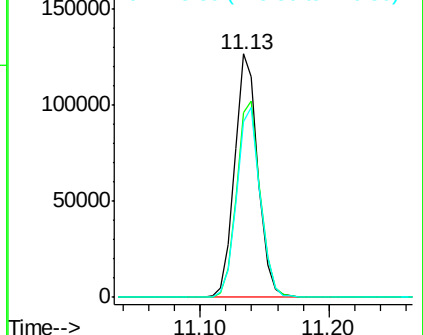
176 78.8 0.0 178.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008296.D

Acq: 21 Mar 2019 17:27

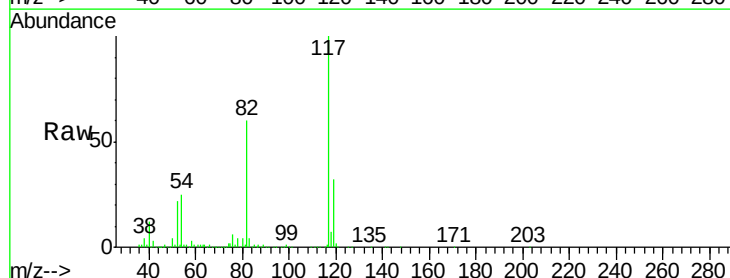
Tgt Ion: 117 Resp: 347508

Ion Ratio Lower Upper

117 100

82 59.5 44.3 66.5

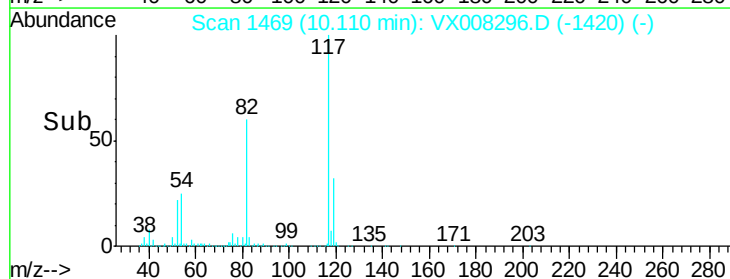
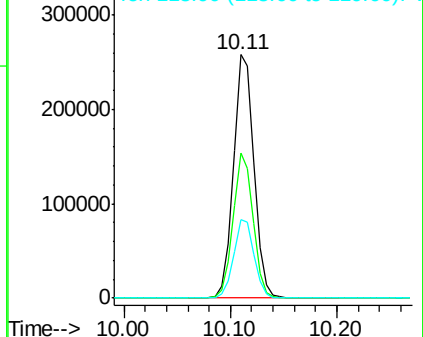
119 32.1 25.3 37.9

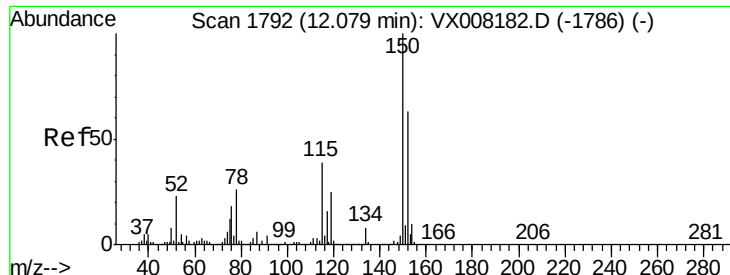


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): 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: VX008296.D

Acq: 21 Mar 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20190315

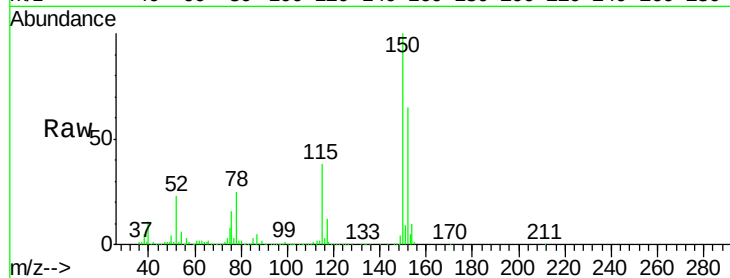
Tot Ion:152 Resp: 139645

Ion Ratio Lower Upper

152 100

115 59.1 38.6 115.7

150 155.5 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

