

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008251.D
 Acq On : 20 Mar 2019 18:59
 Operator : JC/SP
 Sample : K1963-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 22 07:26:20 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

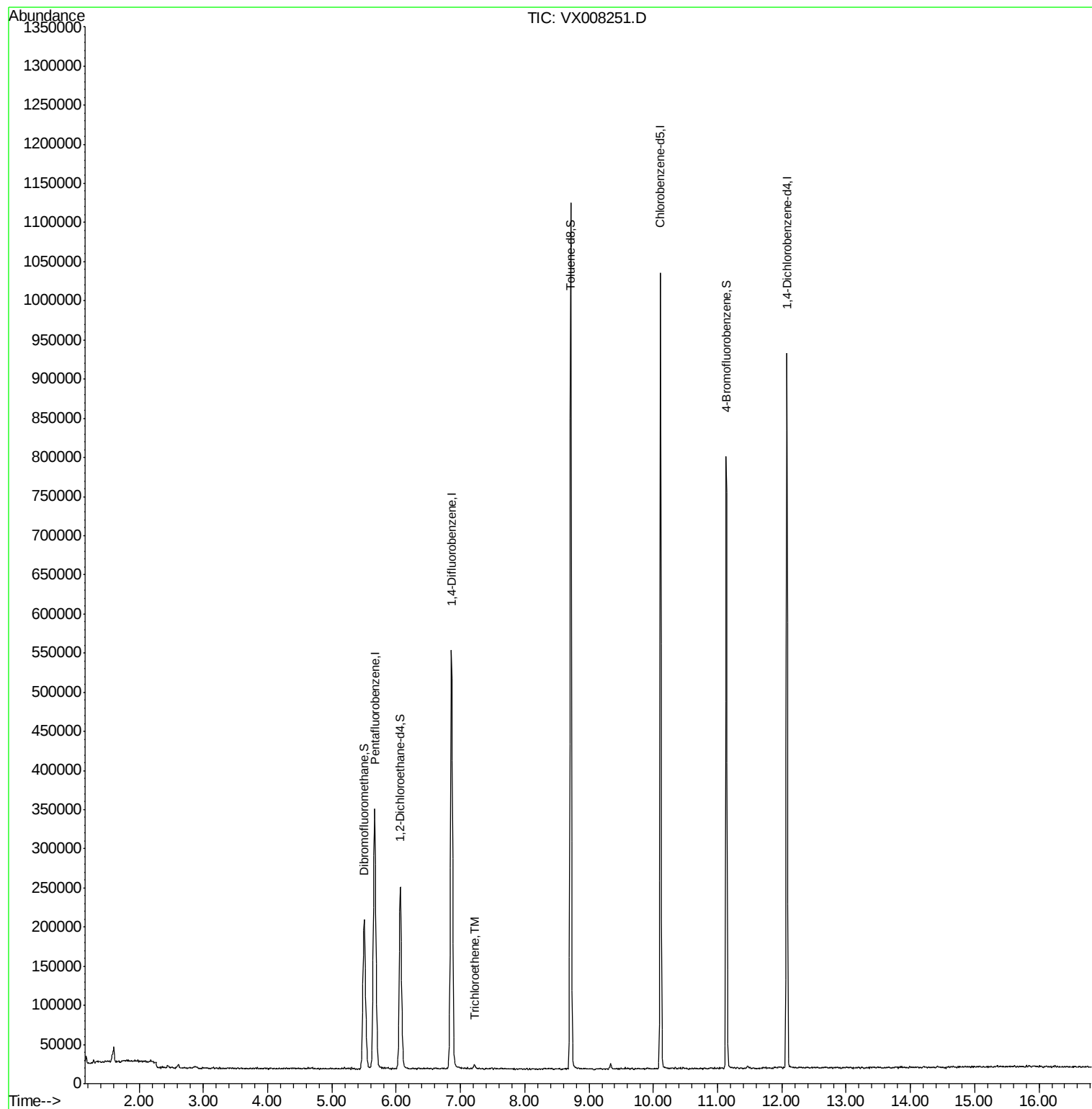
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	516896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	223930	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
35) Dibromofluoromethane	5.50	113	163103	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	630004	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	203227	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
Target Compounds						
44) Trichloroethene	7.21	130	1791	0.411	ug/l	Qvalue 65

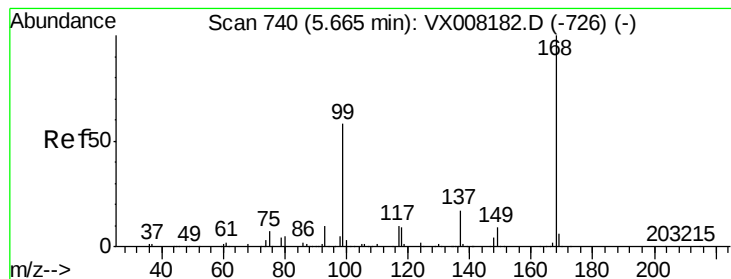
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008251.D

Acq: 20 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

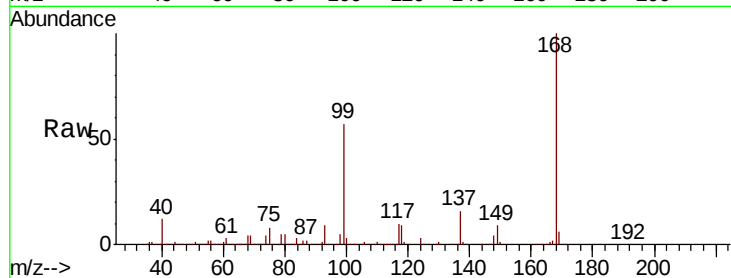
BP-HN-MW24S-20190315

Tot Ion:168 Resp: 311122

Ion Ratio Lower Upper

168 100

99 57.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

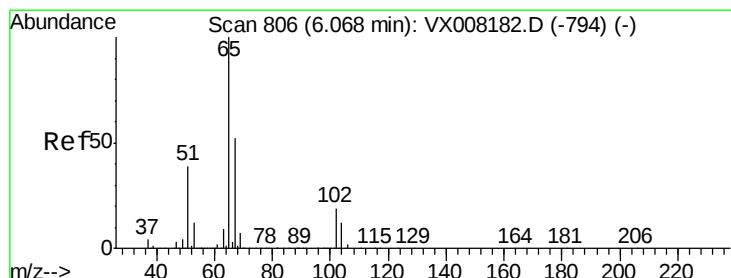
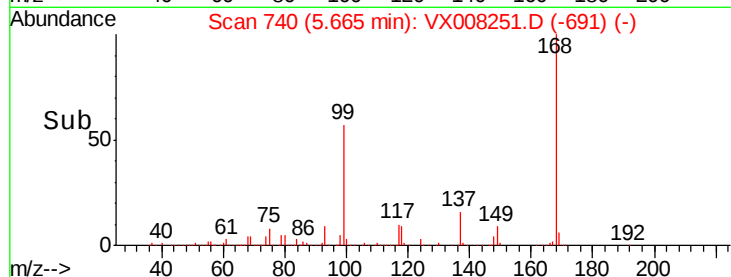
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.789 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008251.D

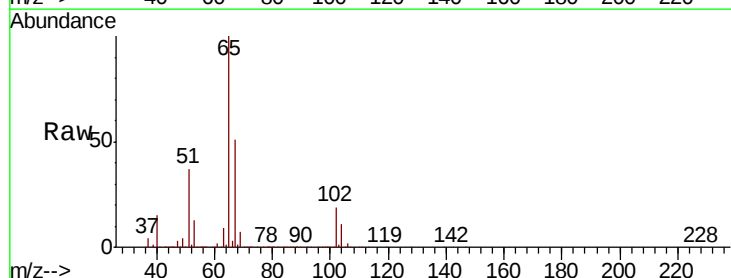
Acq: 20 Mar 2019 18:59

Tgt Ion: 65 Resp: 223930

Ion Ratio Lower Upper

65 100

67 52.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

80000

60000

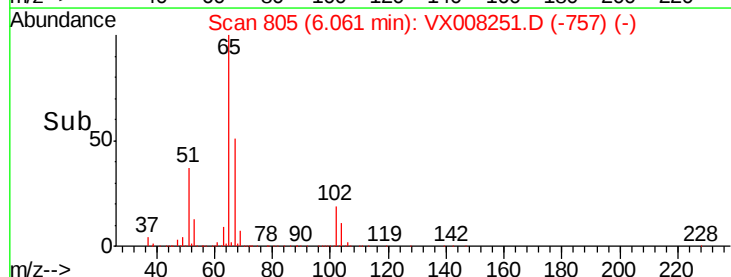
40000

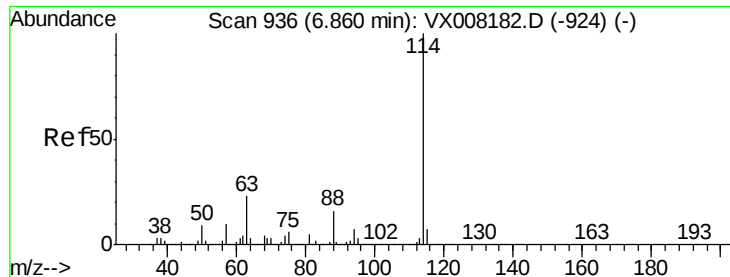
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008251.D

Acq: 20 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20190315

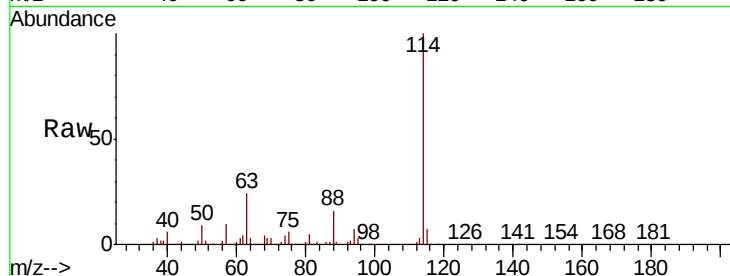
Tot Ion:114 Resp: 516896

Ion Ratio Lower Upper

114 100

63 23.5 0.0 39.8

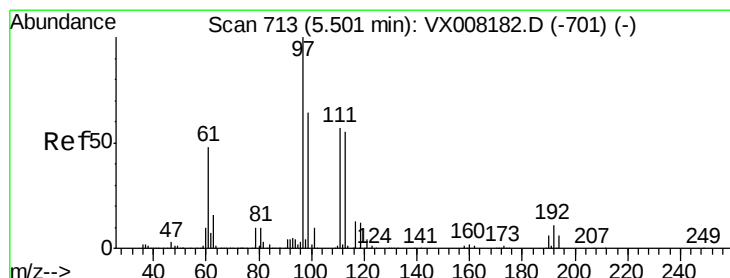
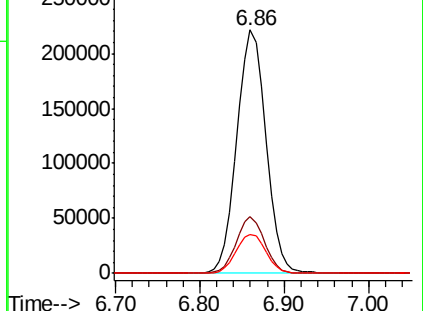
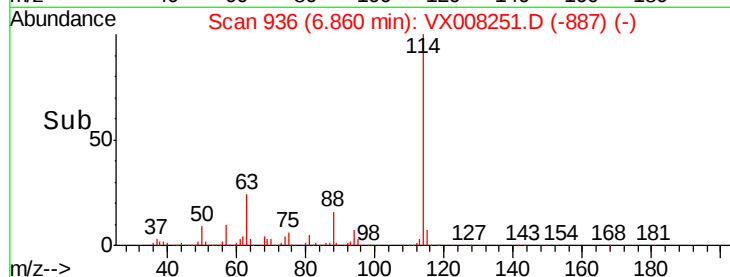
88 16.2 0.0 31.4



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: 47.136 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008251.D

Acq: 20 Mar 2019 18:59

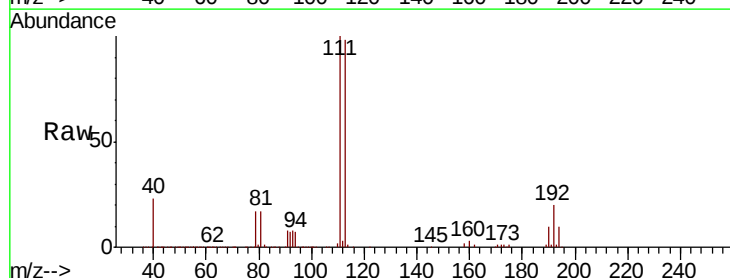
Tgt Ion:113 Resp: 163103

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

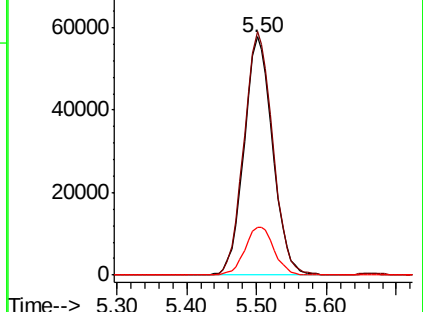
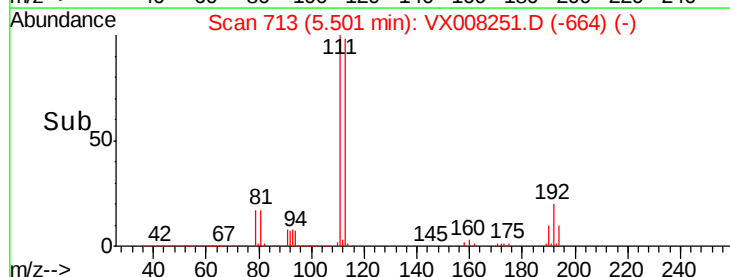
192 20.6 19.4 29.0

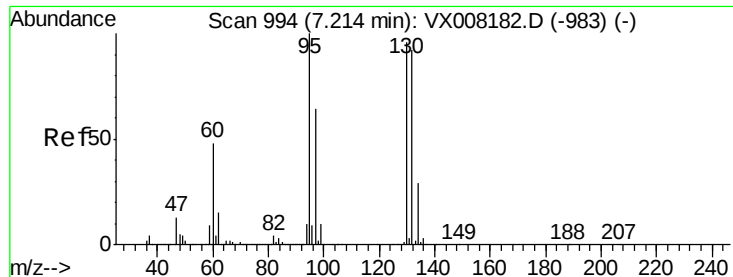


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.411 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008251.D

Acq: 20 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

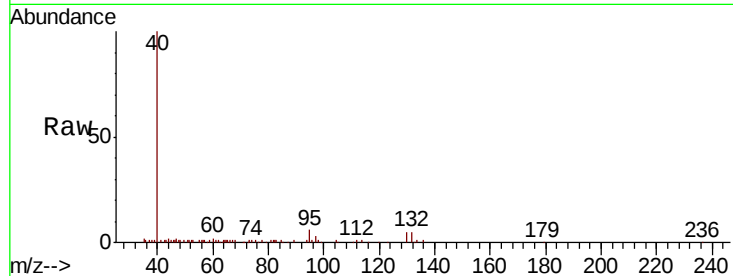
BP-HN-MW24S-20190315

Tot Ion:130 Resp: 1791

Ion Ratio Lower Upper

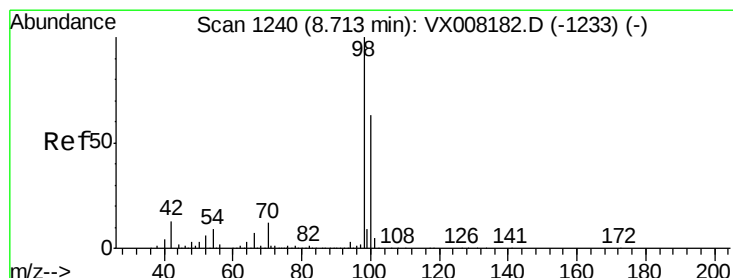
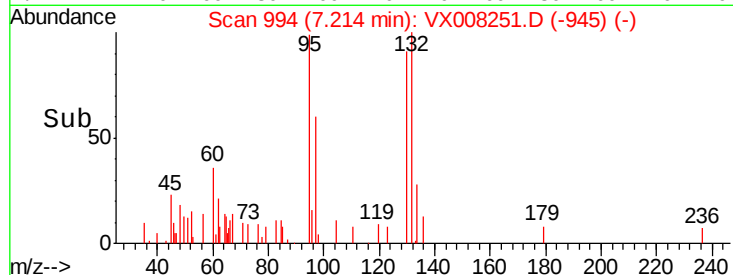
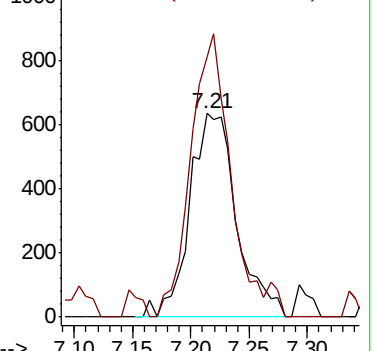
130 100

95 127.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.022 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008251.D

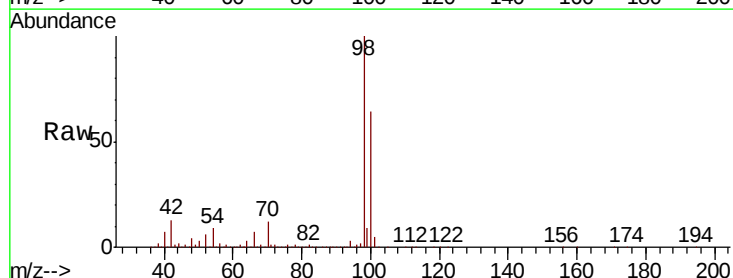
Acq: 20 Mar 2019 18:59

Tgt Ion: 98 Resp: 630004

Ion Ratio Lower Upper

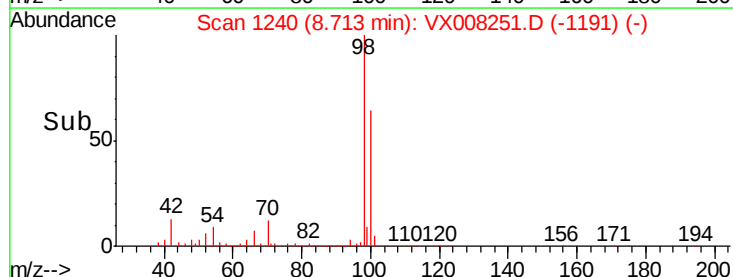
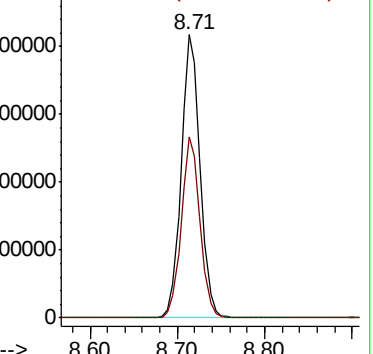
98 100

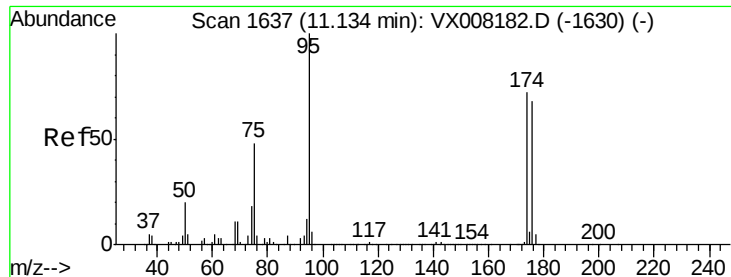
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.990 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008251.D

Acq: 20 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20190315

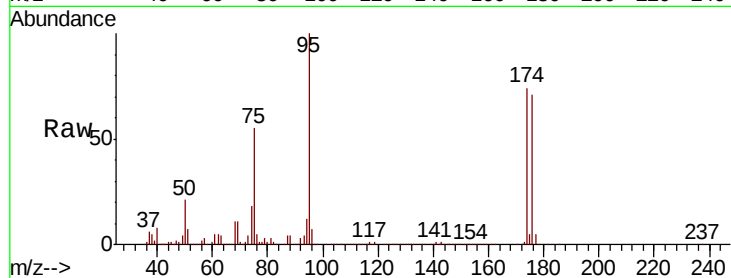
Tot Ion: 95 Resp: 203227

Ion Ratio Lower Upper

95 100

174 79.6 0.0 182.8

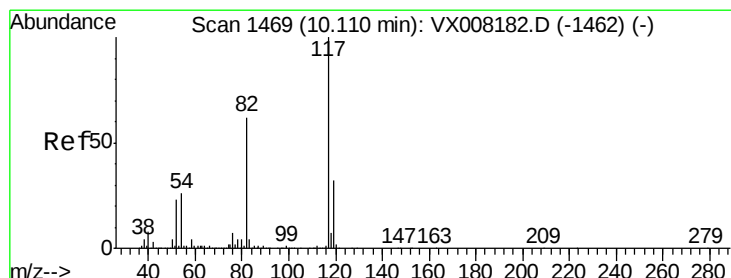
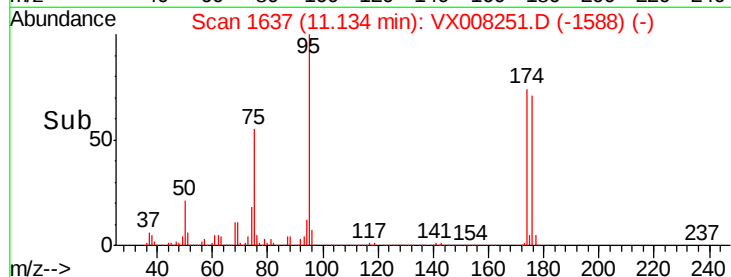
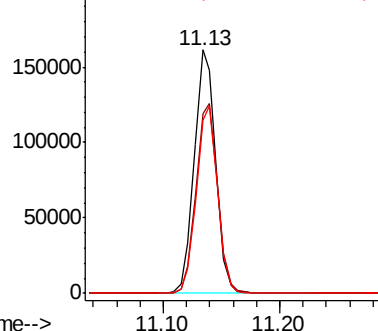
176 76.7 0.0 178.0



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008251.D

Acq: 20 Mar 2019 18:59

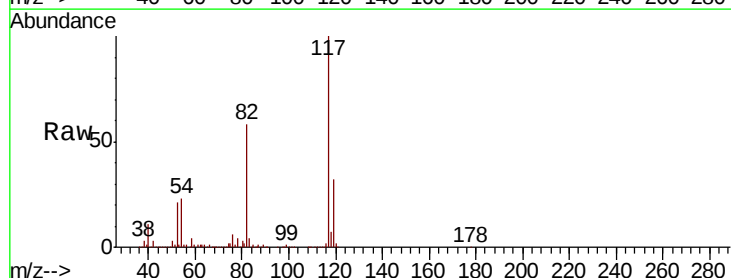
Tgt Ion: 117 Resp: 438501

Ion Ratio Lower Upper

117 100

82 58.0 44.3 66.5

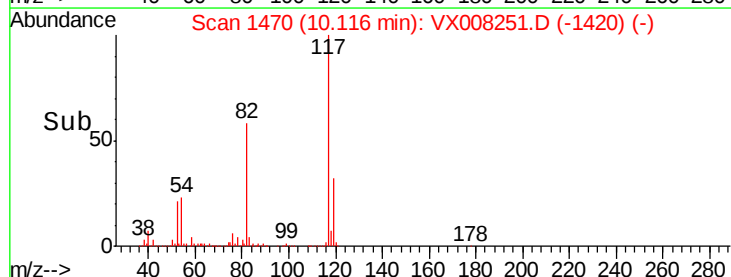
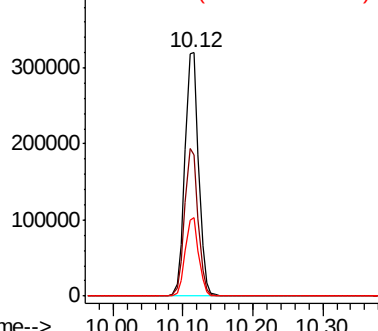
119 32.4 25.3 37.9

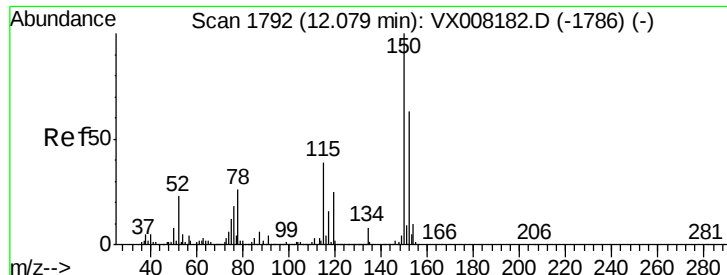


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008251.D

Acq: 20 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20190315

Tot Ion:152 Resp: 177976

Ion Ratio Lower Upper

152 100

115 60.2 38.6 115.7

150 158.3 0.0 348.4

