

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007092.D
 Acq On : 17 Jan 2019 16:43
 Operator : JC/SP
 Sample : K1172-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW001-190114

Quant Time: Jan 18 06:27:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

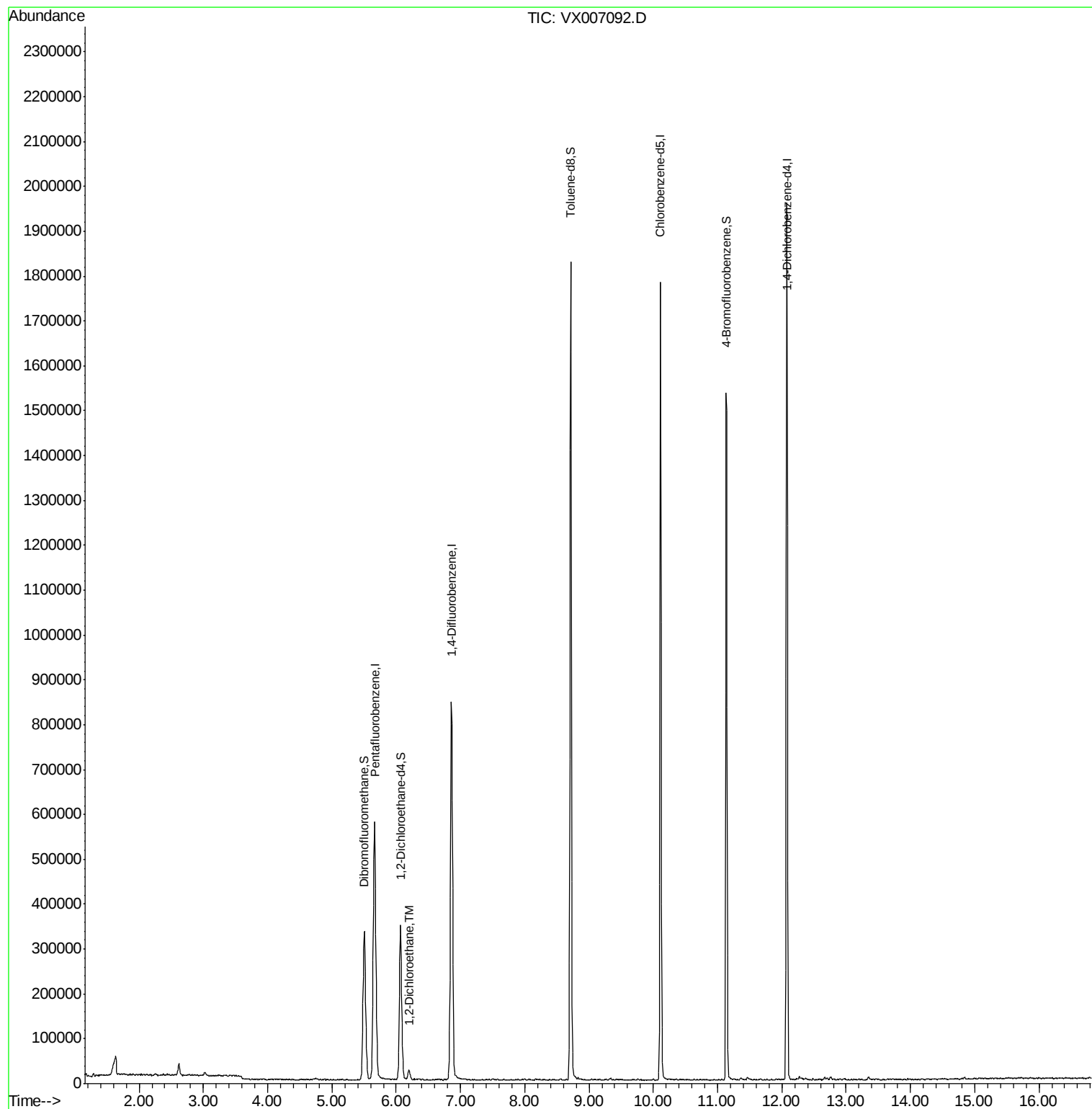
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	603237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	917608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	863174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	314209	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
35) Dibromofluoromethane	5.50	113	280898	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1099289	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	395990	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
42) 1,2-Dichloroethane	6.20	62	23623	2.808	ug/l	Qvalue 97

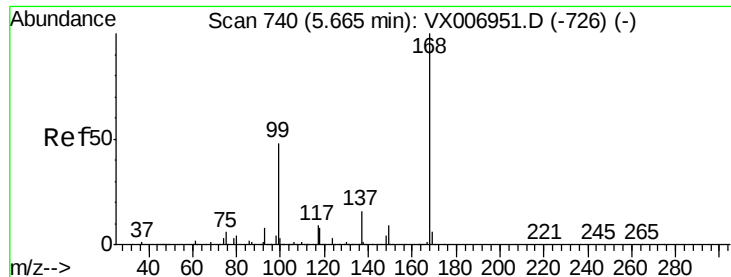
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007092.D

Acq: 17 Jan 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

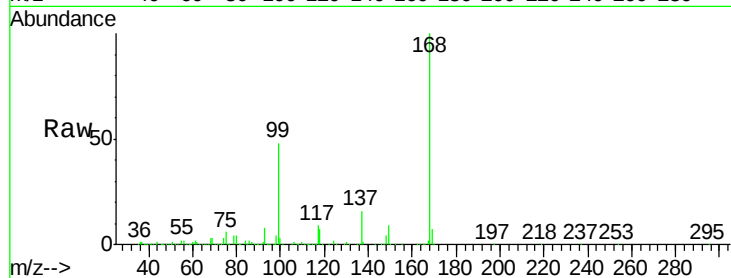
WP022MW001-190114

Tot Ion:168 Resp: 603237

Ion Ratio Lower Upper

168 100

99 48.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

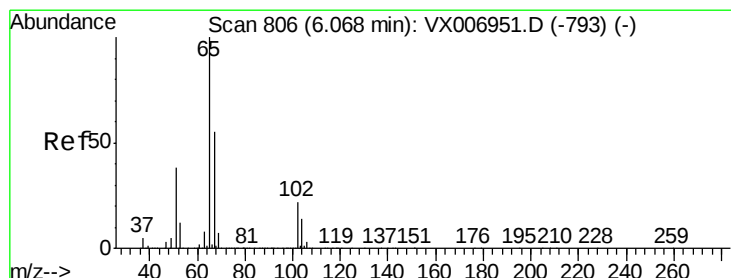
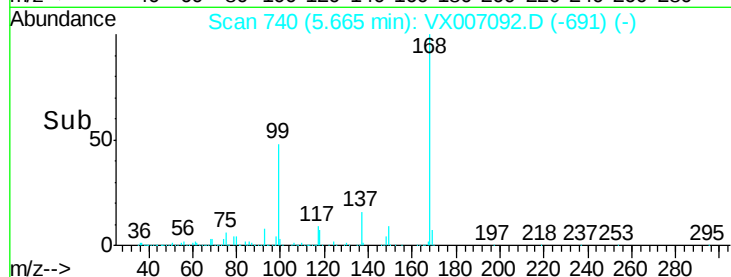
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.840 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007092.D

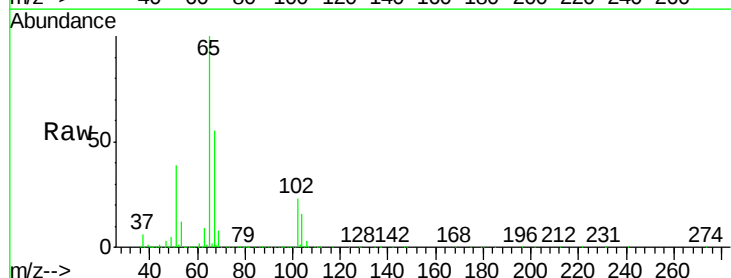
Acq: 17 Jan 2019 16:43

Tgt Ion: 65 Resp: 314209

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

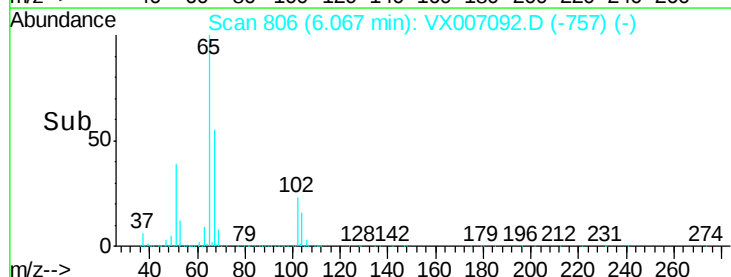
6.07

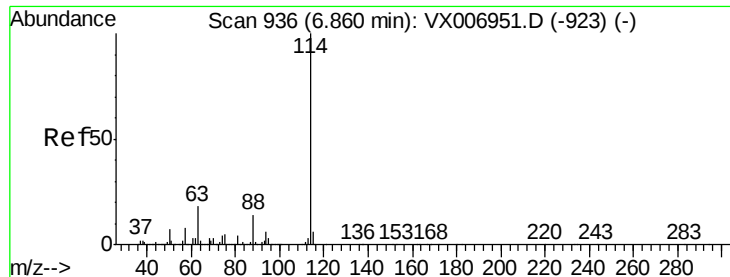
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007092.D

Acq: 17 Jan 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

WP022MW001-190114

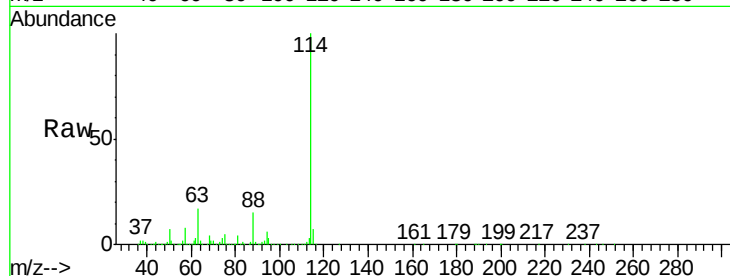
Tot Ion:114 Resp: 917608

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

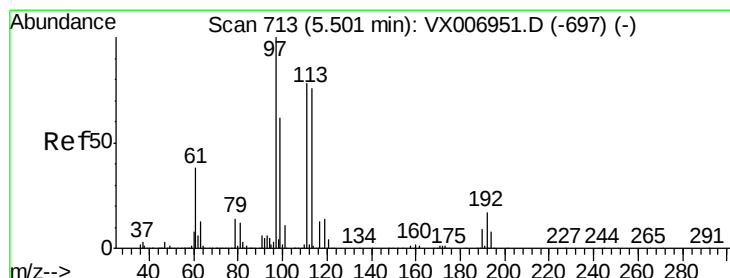
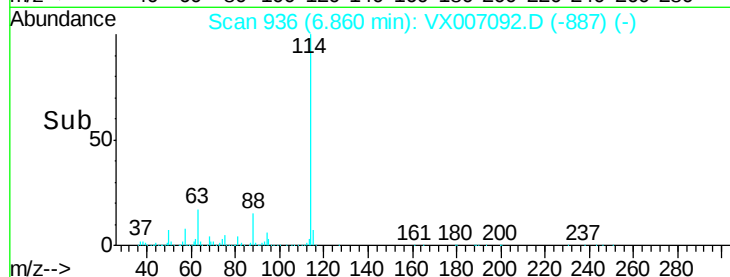
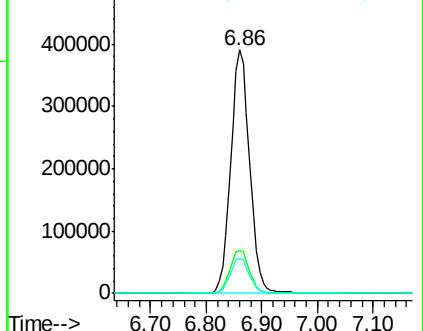
88 14.5 0.0 28.8



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: 47.802 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007092.D

Acq: 17 Jan 2019 16:43

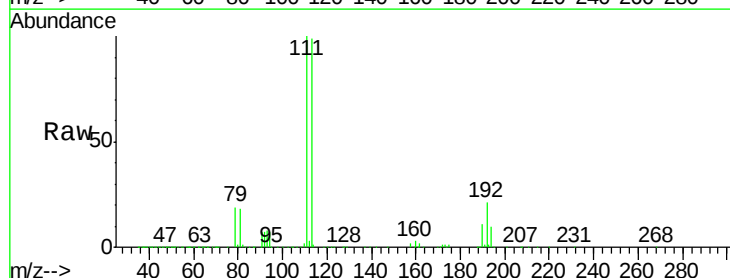
Tgt Ion:113 Resp: 280898

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

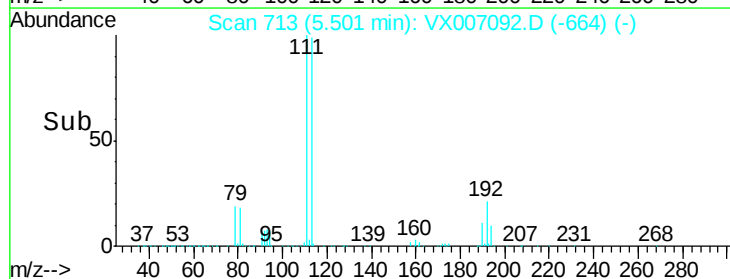
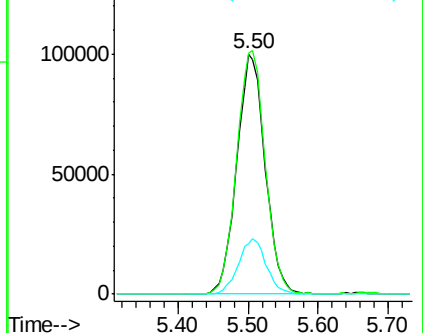
192 22.5 16.7 25.1

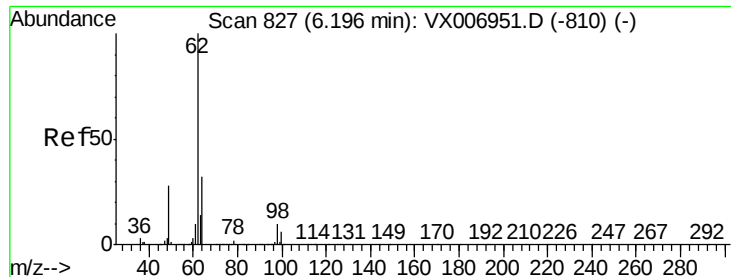


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 2.808 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007092.D

Acq: 17 Jan 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

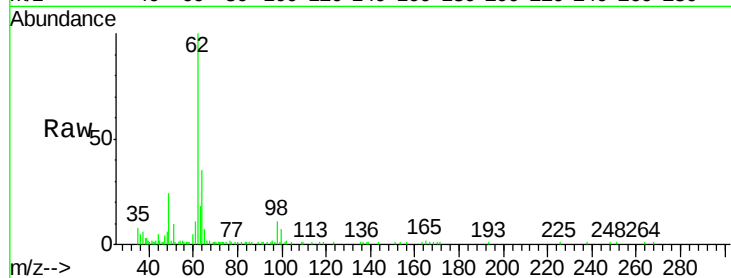
WP022MW001-190114

Tot Ion: 62 Resp: 23623

Ion Ratio Lower Upper

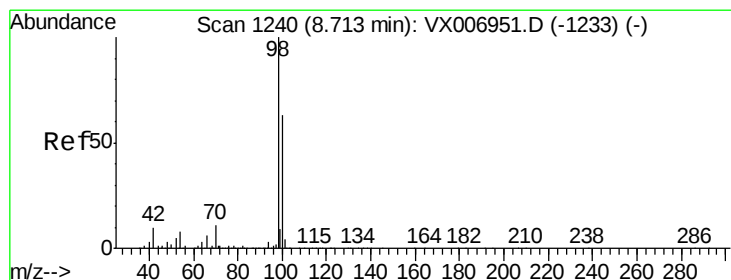
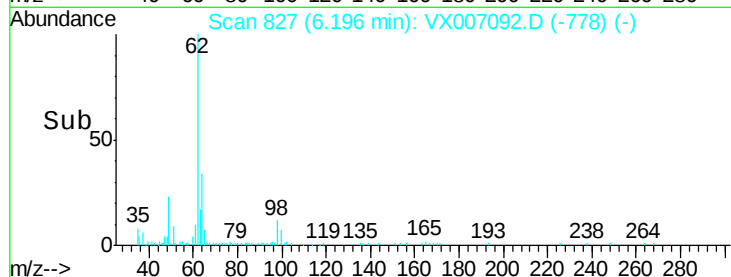
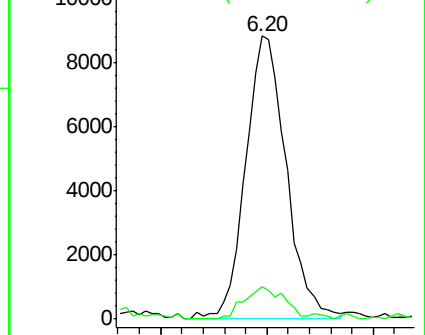
62 100

98 11.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#50

Toluene-d8

Concen: 51.108 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007092.D

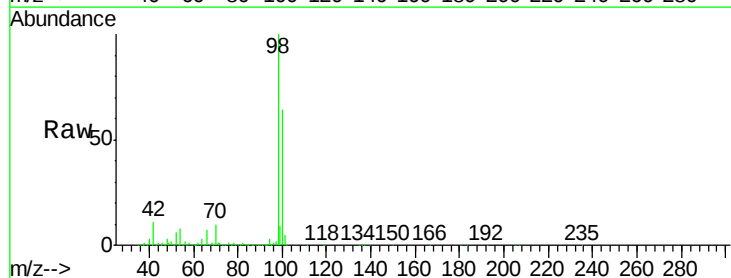
Acq: 17 Jan 2019 16:43

Tgt Ion: 98 Resp: 1099289

Ion Ratio Lower Upper

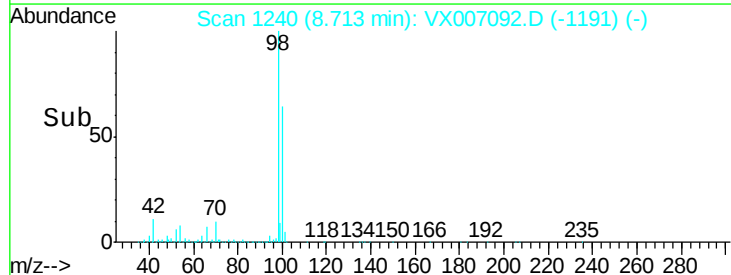
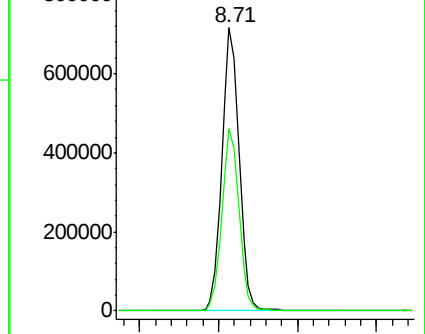
98 100

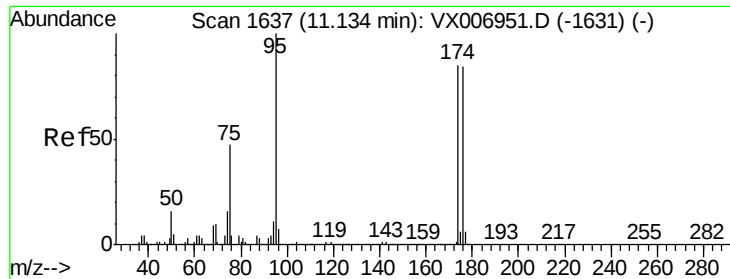
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.809 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007092.D

Acq: 17 Jan 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

WP022MW001-190114

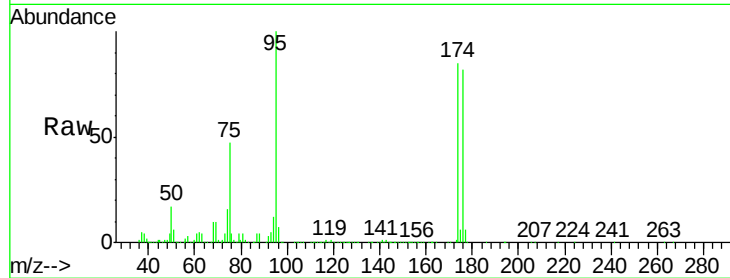
Tot Ion: 95 Resp: 395990

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

176 89.9 0.0 178.8



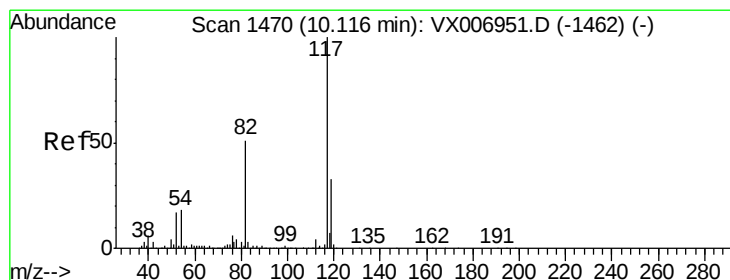
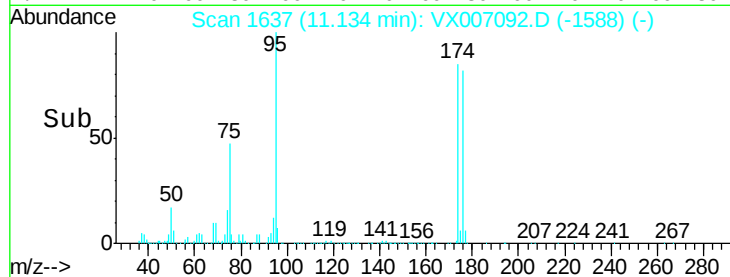
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007092.D

Acq: 17 Jan 2019 16:43

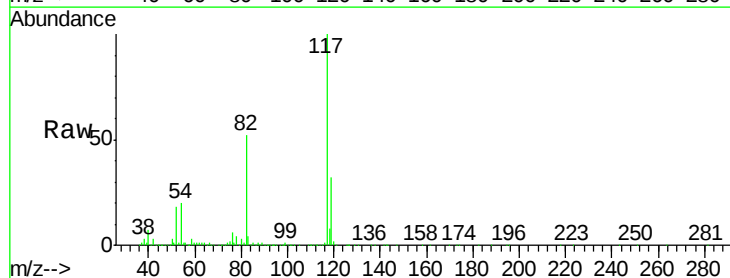
Tgt Ion: 117 Resp: 863174

Ion Ratio Lower Upper

117 100

82 52.4 41.0 61.6

119 32.4 25.4 38.0



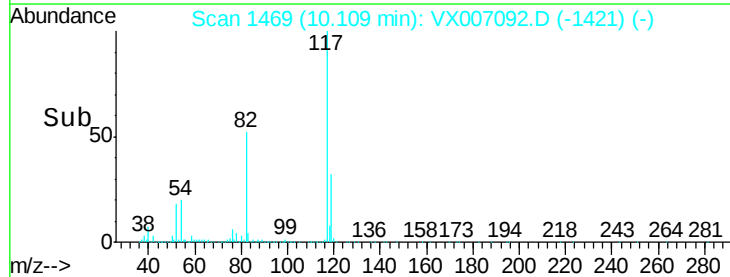
Abundance Ion 116.90 (116.60 to 117.60): V

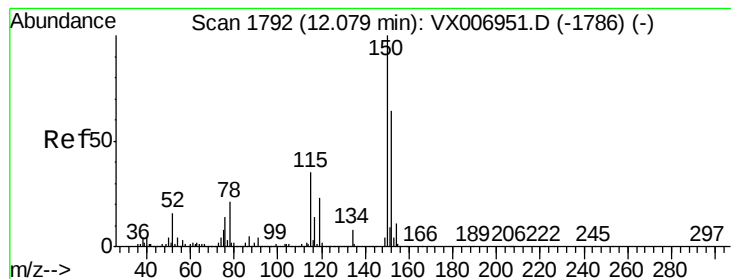
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007092.D

Acq: 17 Jan 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

WP022MW001-190114

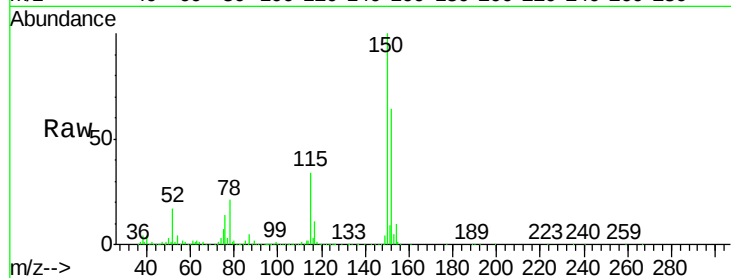
Tot Ion:152 Resp: 428780

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.2

150 155.5 0.0 344.8



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

