

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011619\
 Data File : VX007071.D
 Acq On : 16 Jan 2019 13:00
 Operator : JC/SP
 Sample : K1151-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190115

Quant Time: Jan 17 00:14:49 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

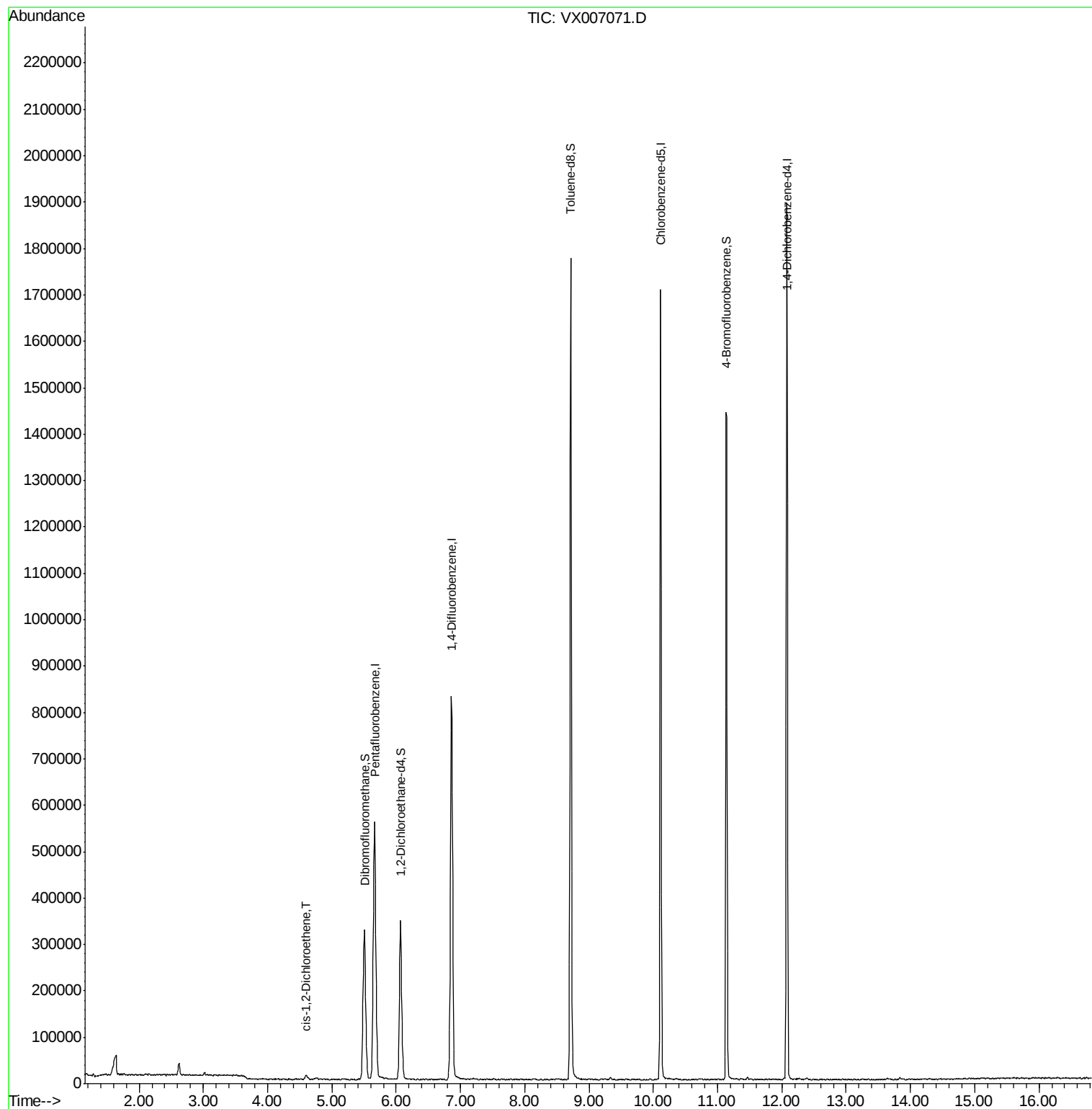
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	576132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	897104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	828130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	309220	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	5.51	113	272432	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	8.71	98	1058145	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	374730	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	5531	0.850	ug/l	Qvalue 97

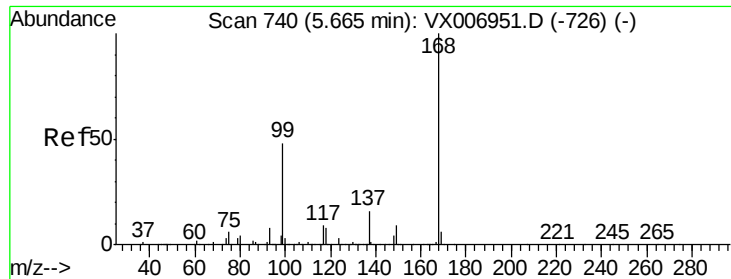
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007071.D

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MSVOA_X

ClientSampleId :

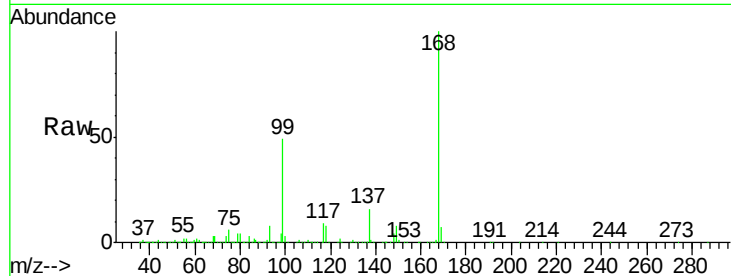
OUTFALL001-190115

Tot Ion:168 Resp: 576132

Ion Ratio Lower Upper

168 100

99 48.8 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

200000

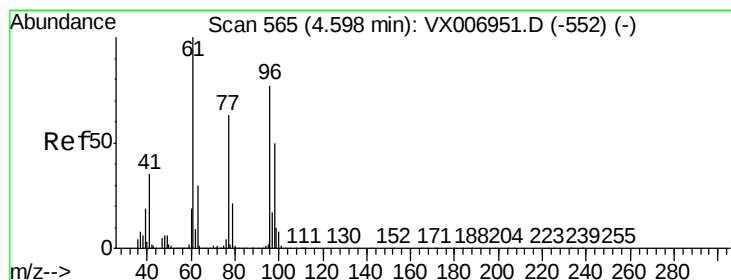
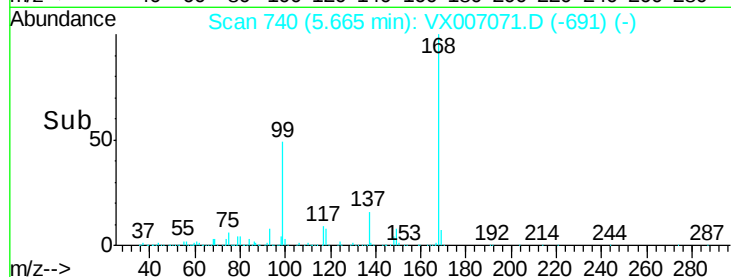
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.850 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX007071.D

Acq: 16 Jan 2019 13:00

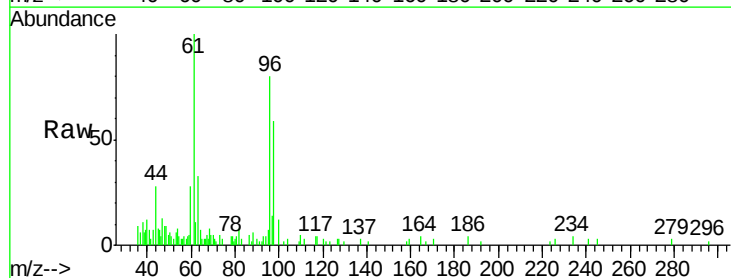
Tgt Ion: 96 Resp: 5531

Ion Ratio Lower Upper

96 100

61 131.4 0.0 258.6

98 69.7 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.59

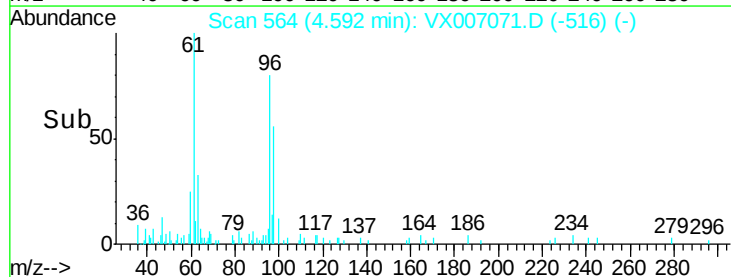
3000

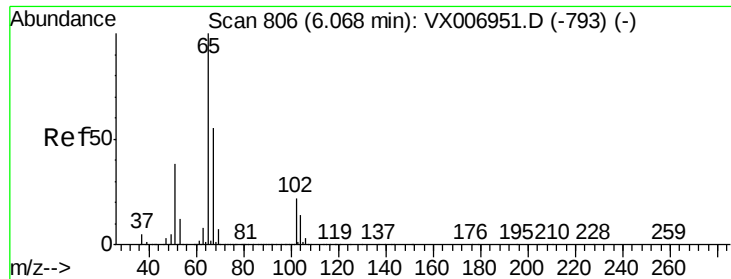
2000

1000

0

Time--> 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 51.356 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007071.D

Acq: 16 Jan 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

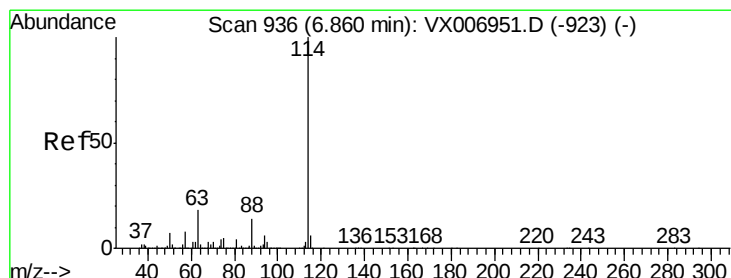
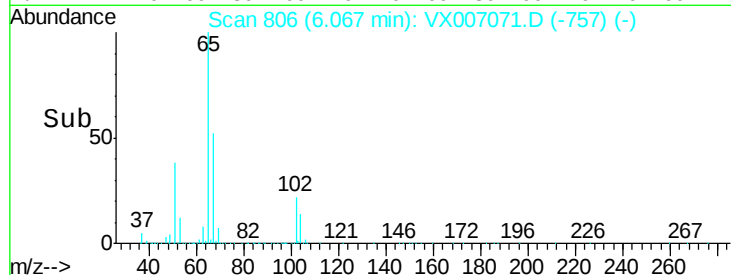
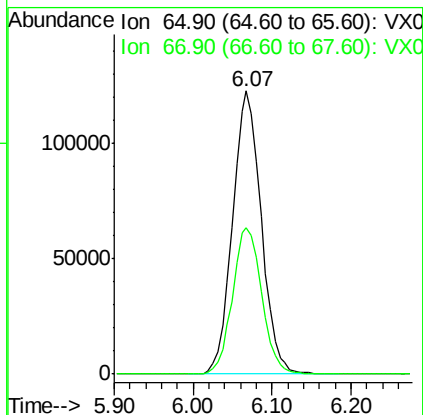
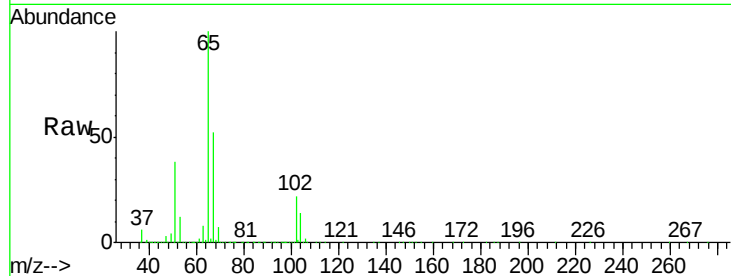
OUTFALL001-190115

Tot Ion: 65 Resp: 309220

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007071.D

Acq: 16 Jan 2019 13:00

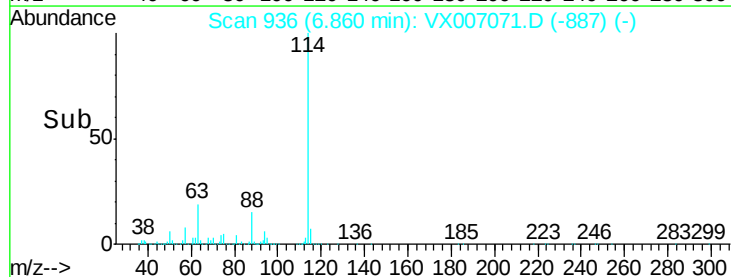
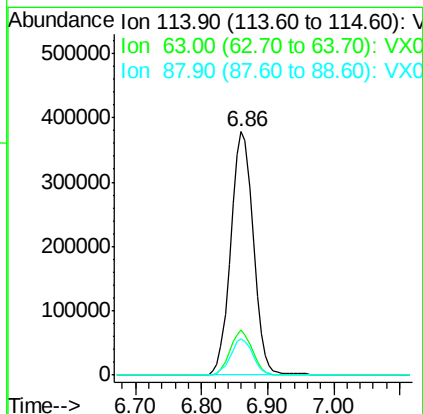
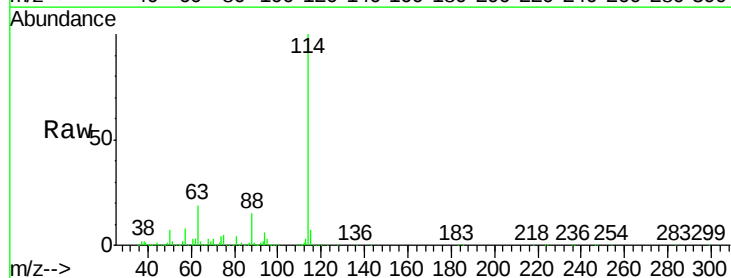
Tgt Ion: 114 Resp: 897104

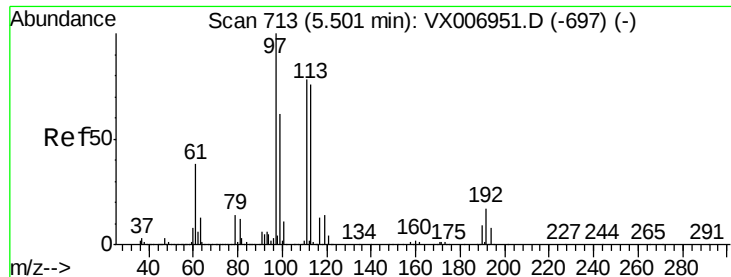
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.421 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007071.D

Acq: 16 Jan 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190115

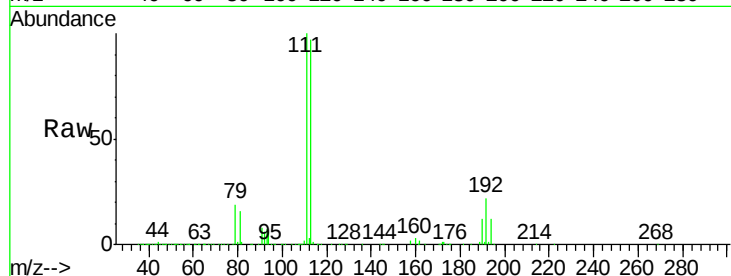
Tot Ion:113 Resp: 272432

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

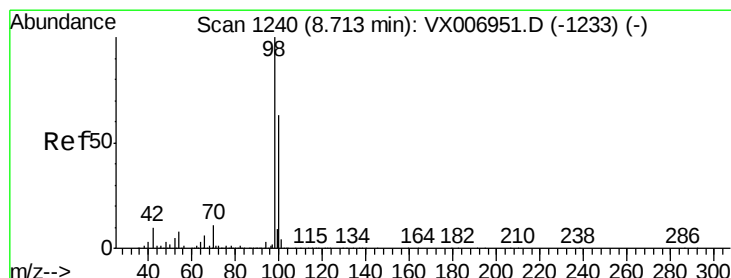
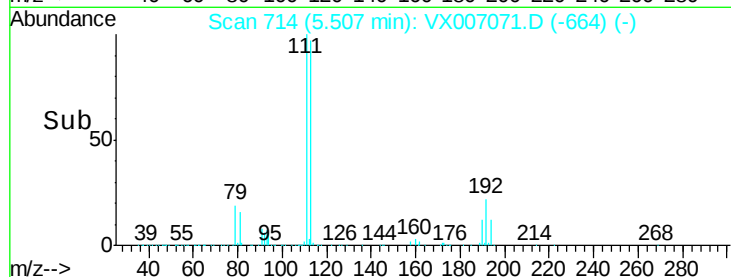
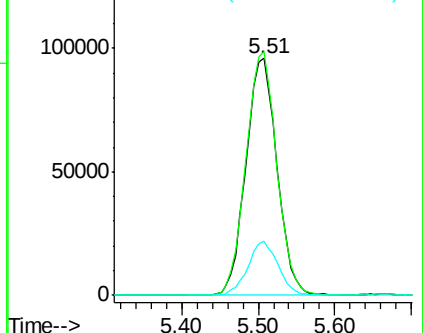
192 22.2 16.7 25.1



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



#50

Toluene-d8

Concen: 50.320 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007071.D

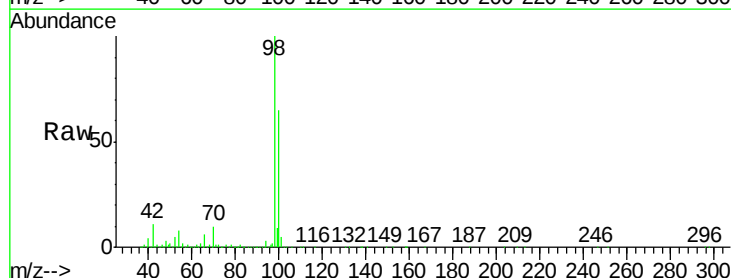
Acq: 16 Jan 2019 13:00

Tgt Ion: 98 Resp: 1058145

Ion Ratio Lower Upper

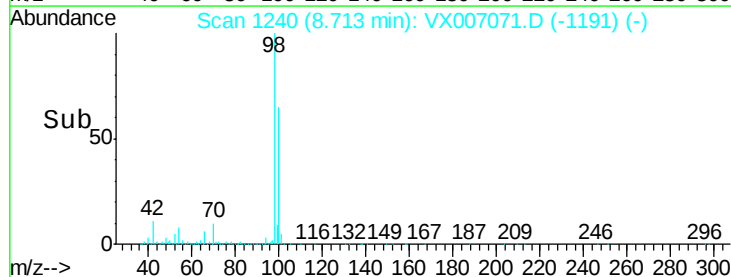
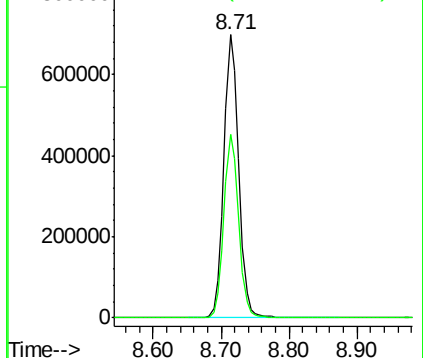
98 100

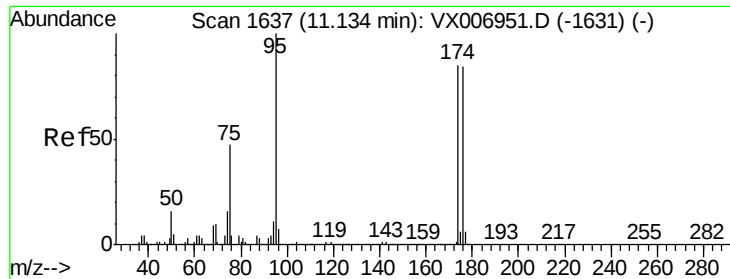
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.116 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007071.D

Acq: 16 Jan 2019 13:00

Instrument :

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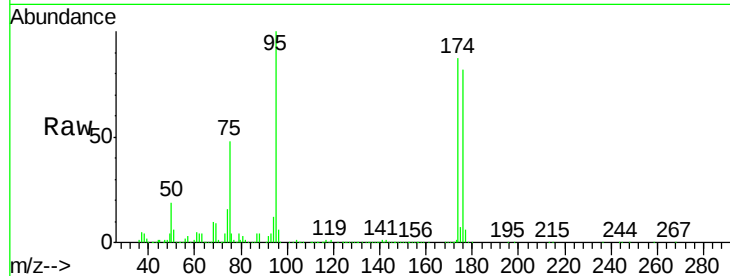
Tot Ion: 95 Resp: 374730

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

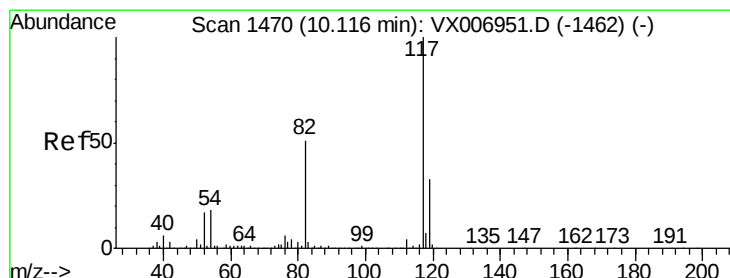
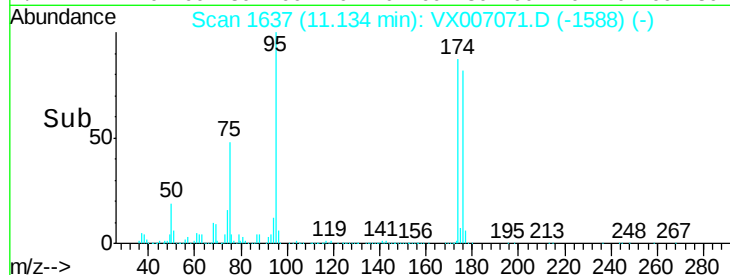
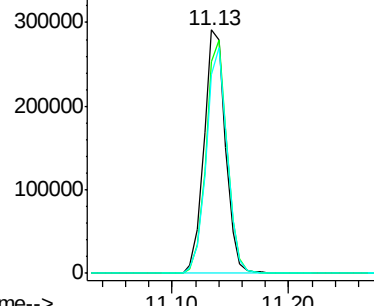
176 90.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007071.D

Acq: 16 Jan 2019 13:00

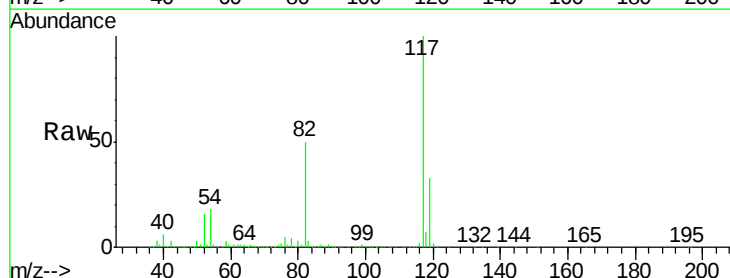
Tgt Ion: 117 Resp: 828130

Ion Ratio Lower Upper

117 100

82 49.9 41.0 61.6

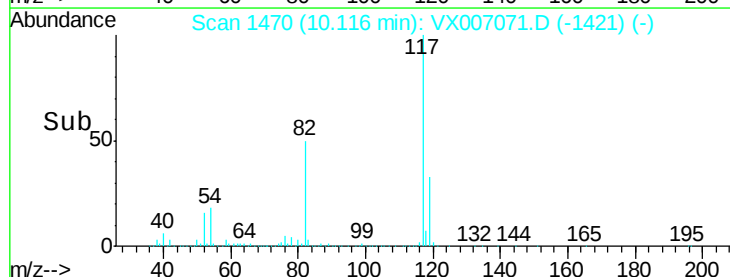
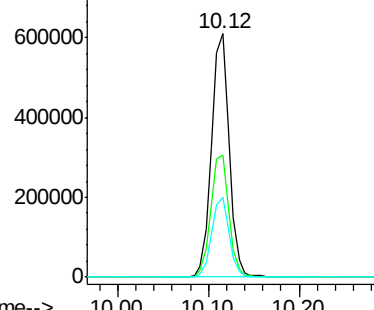
119 32.5 25.4 38.0

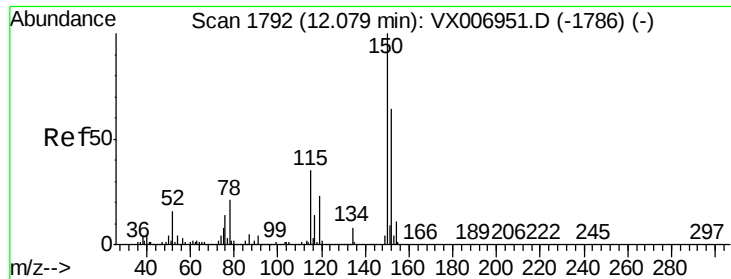


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007071.D

Acq: 16 Jan 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190115

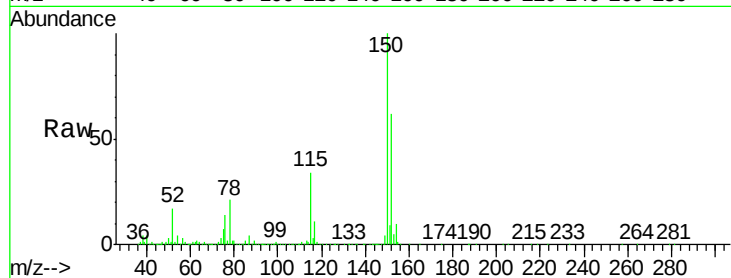
Tot Ion:152 Resp: 395589

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

150 158.1 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

