

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001177.D
 Acq On : 27 Apr 2018 18:11
 Operator : JC/MD
 Sample : J2464-10DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418DL

Quant Time: Apr 28 06:36:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

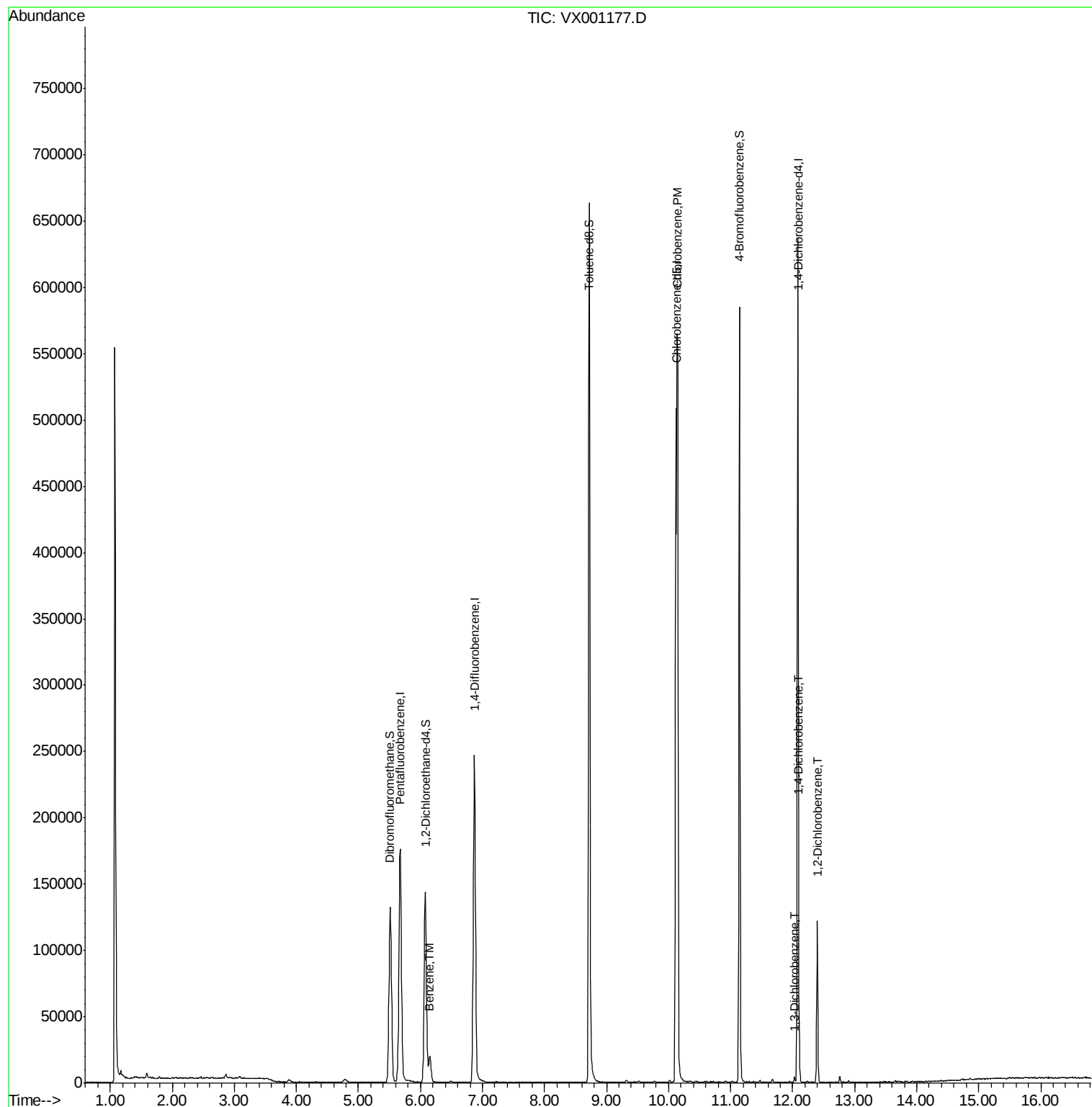
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	260790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	232449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	134602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	137868	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
35) Dibromofluoromethane	5.51	113	106218	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	8.72	98	406970	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	141678	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
40) Benzene	6.15	78	22613	2.72	ug/l	93
65) Chlorobenzene	10.15	112	247108	40.58	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	1463	0.31	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	10094	2.07	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	39912	8.45	ug/l	99

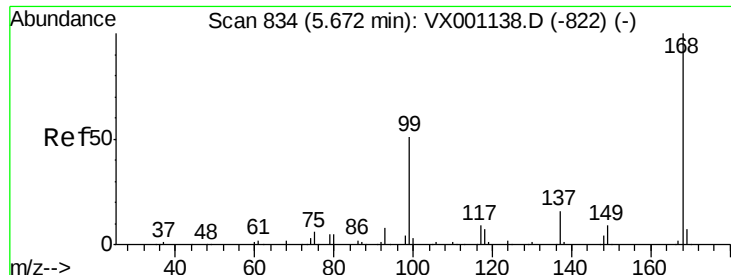
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

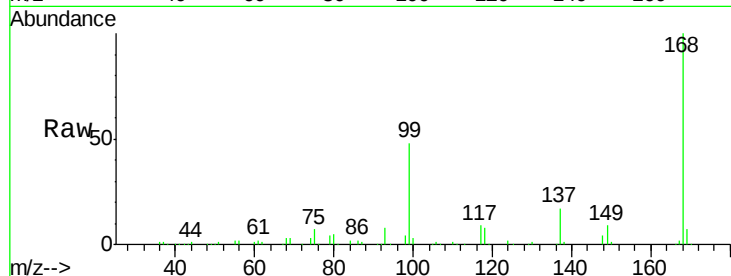
LF015MW047-180418DL

Tot Ion:168 Resp: 189551

Ion Ratio Lower Upper

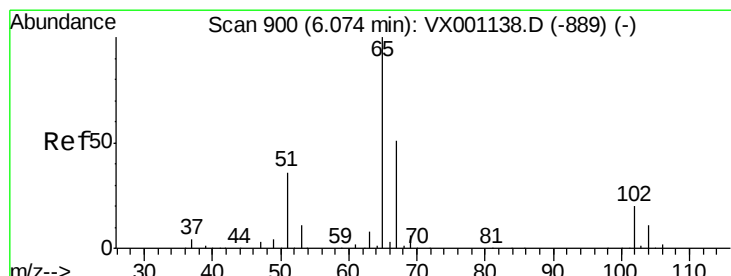
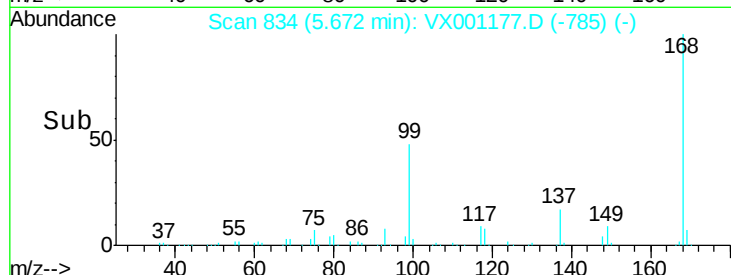
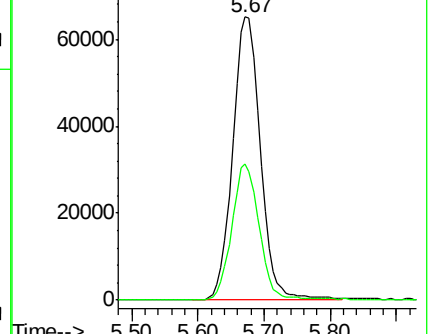
168 100

99 48.1 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.92 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001177.D

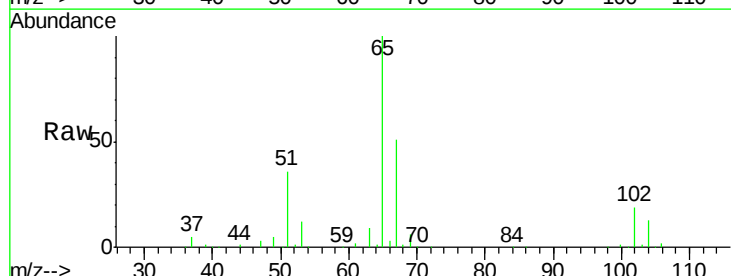
Acq: 27 Apr 2018 18:11

Tgt Ion: 65 Resp: 137868

Ion Ratio Lower Upper

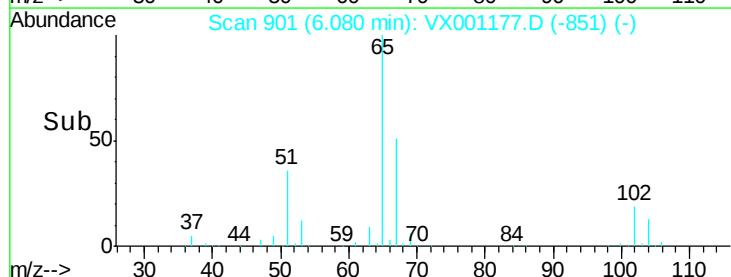
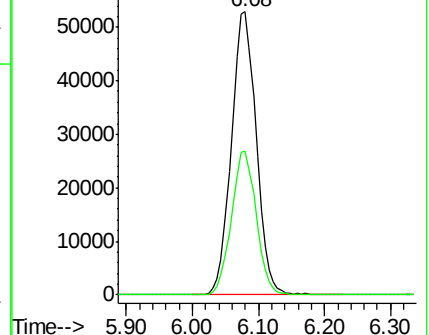
65 100

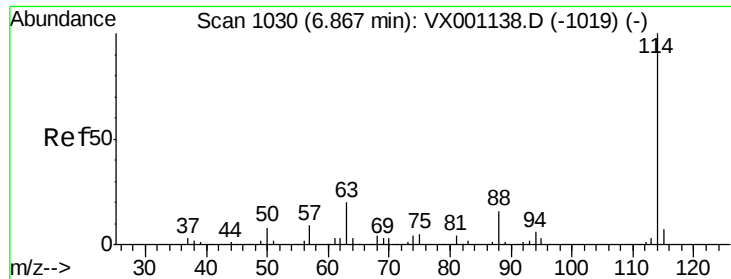
67 50.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418DL

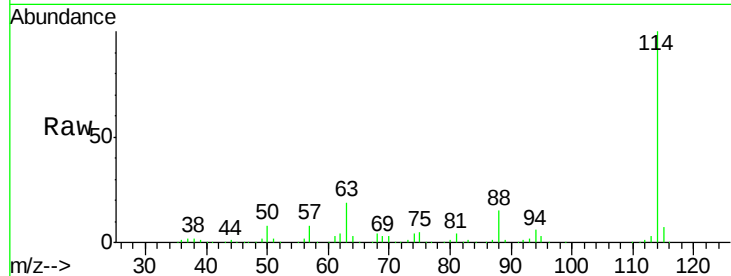
Tot Ion:114 Resp: 260790

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.4

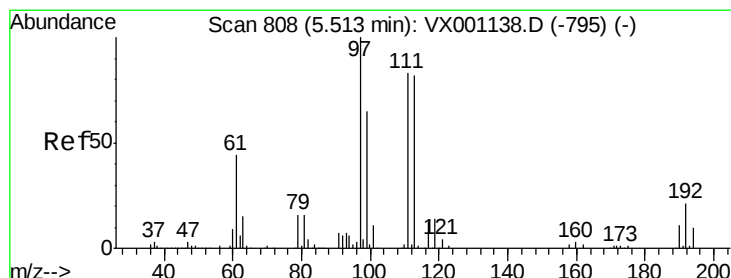
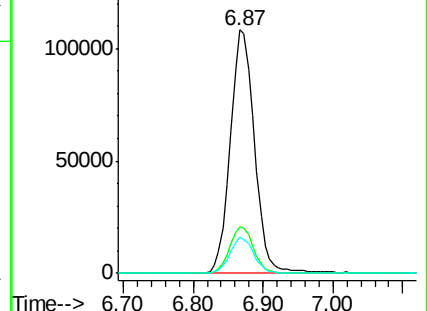
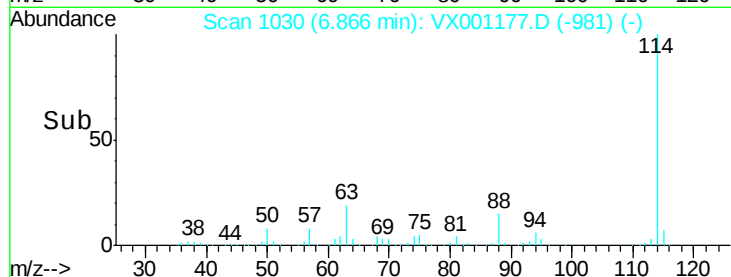
88 14.7 0.0 31.8



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: 49.21 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

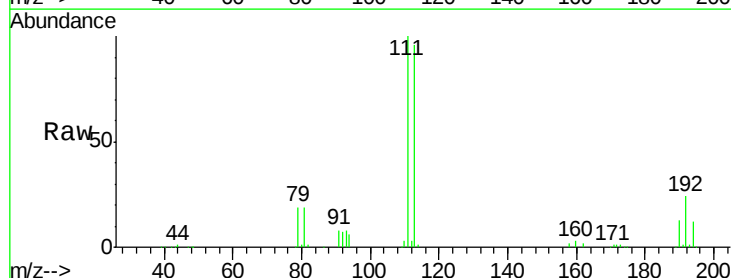
Tgt Ion:113 Resp: 106218

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

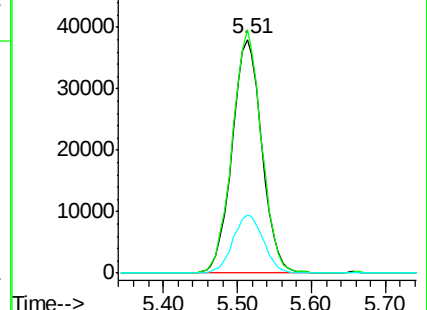
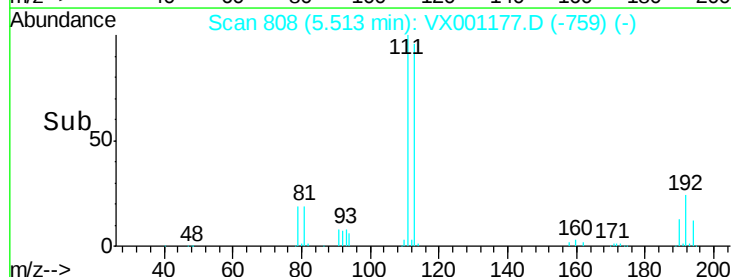
192 25.7 20.6 30.8

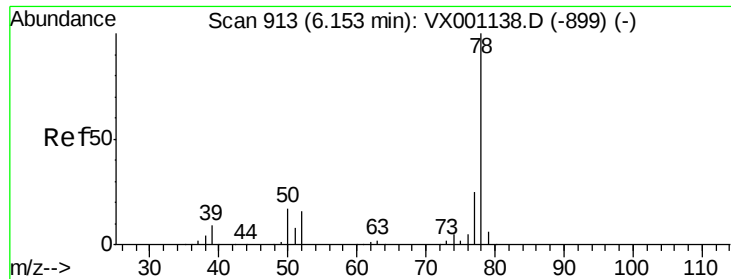


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.72 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

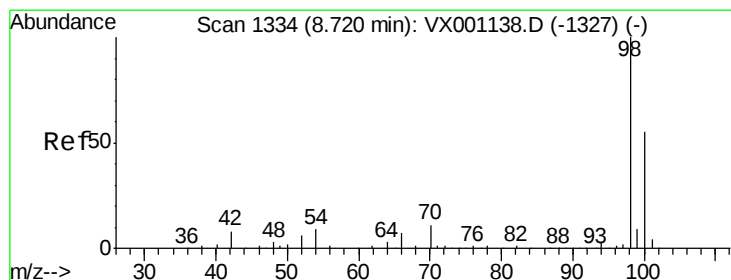
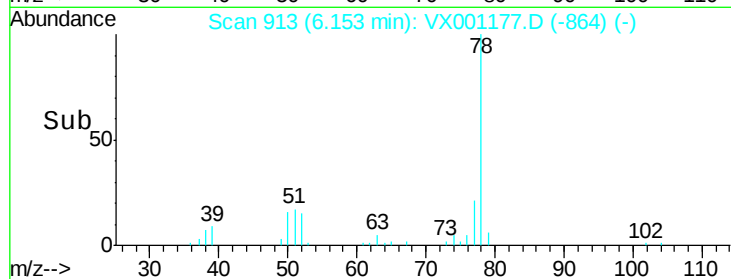
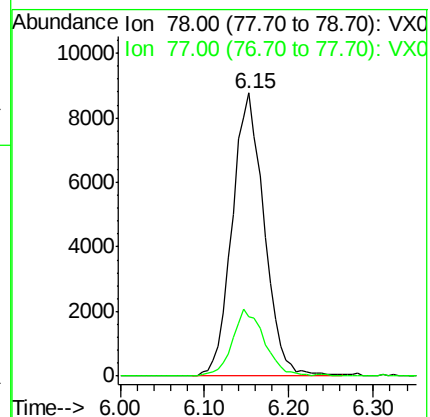
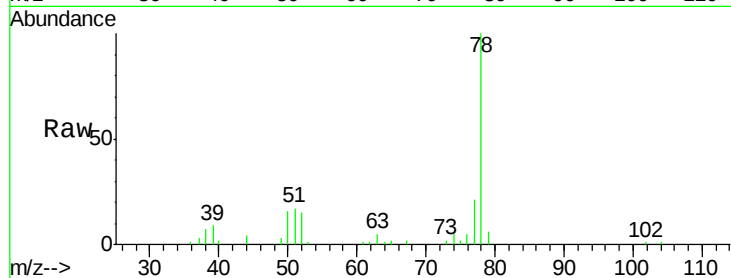
LF015MW047-180418DL

Tot Ion: 78 Resp: 22613

Ion Ratio Lower Upper

78 100

77 21.0 19.7 29.5



#50

Toluene-d8

Concen: 49.96 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001177.D

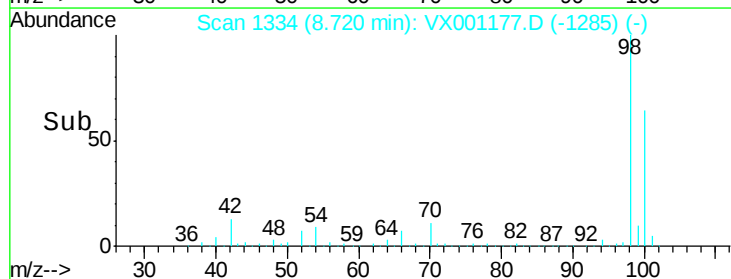
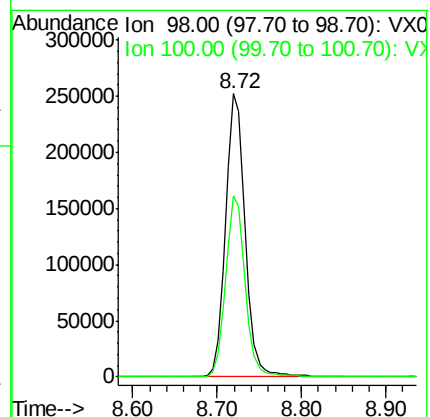
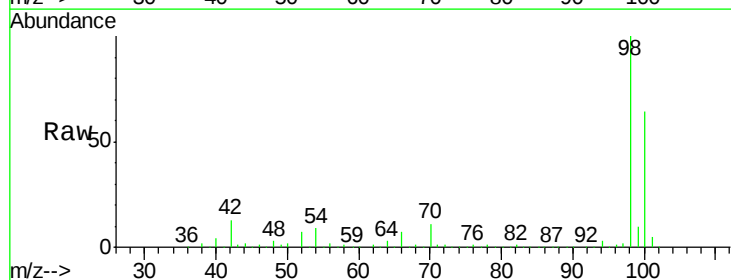
Acq: 27 Apr 2018 18:11

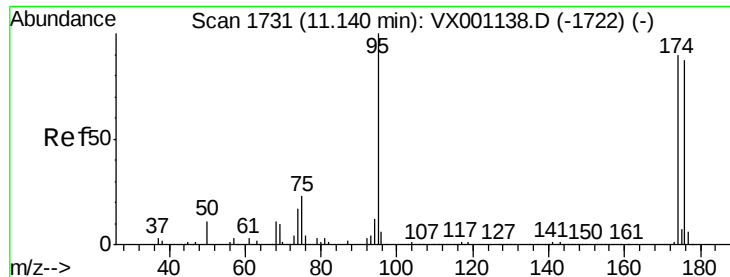
Tgt Ion: 98 Resp: 406970

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.6





#62

4-Bromofluorobenzene

Concen: 44.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418DL

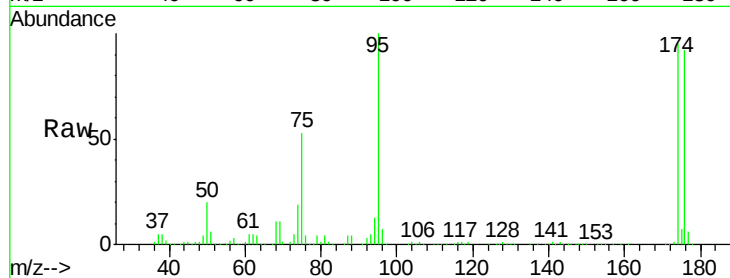
Tot Ion: 95 Resp: 141678

Ion Ratio Lower Upper

95 100

174 102.6 0.0 194.4

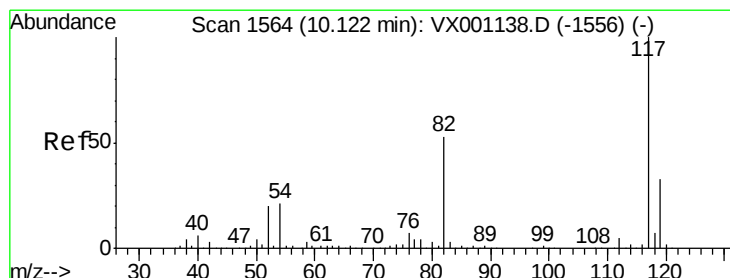
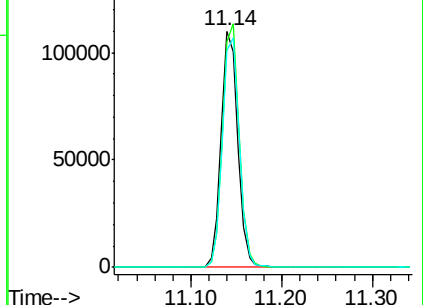
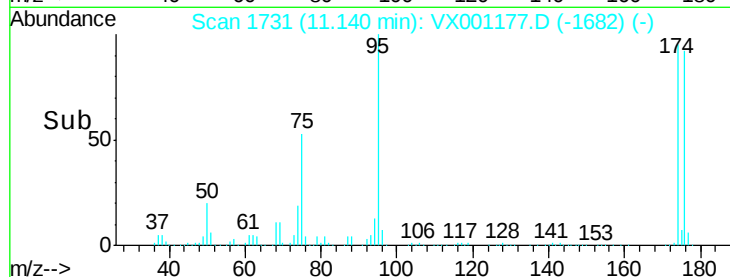
176 98.8 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX001177.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001177.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001177.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

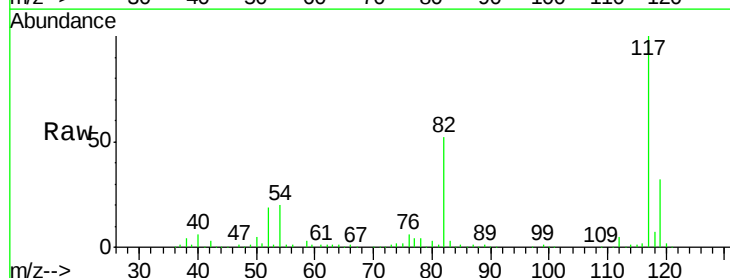
Tgt Ion: 117 Resp: 232449

Ion Ratio Lower Upper

117 100

82 52.3 42.1 63.1

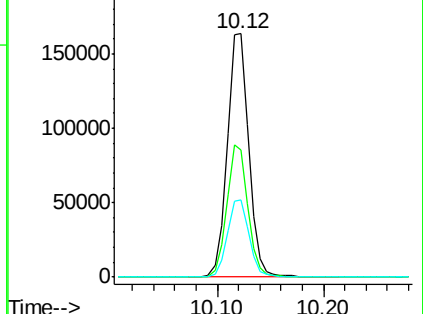
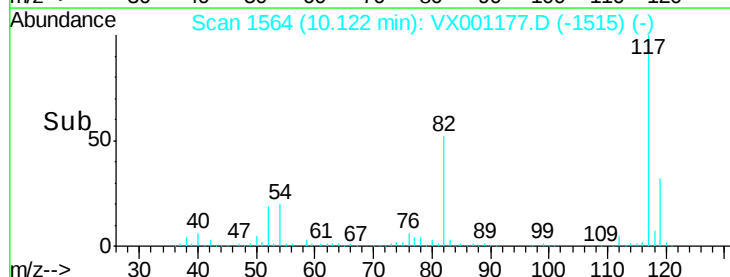
119 31.7 26.1 39.1

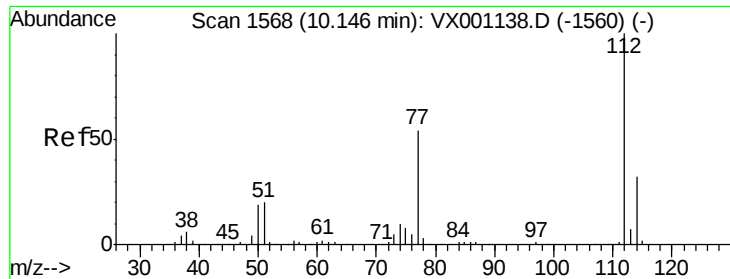


Abundance Ion 116.90 (116.60 to 117.60): VX001177.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001177.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001177.D (-1515) (-)





#65

Chlorobenzene

Concen: 40.58 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

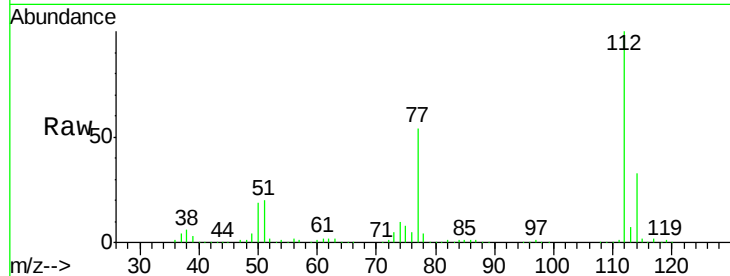
LF015MW047-180418DL

Tot Ion:112 Resp: 247108

Ion Ratio Lower Upper

112 100

114 33.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

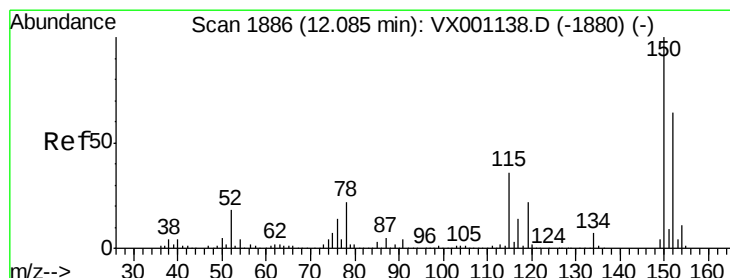
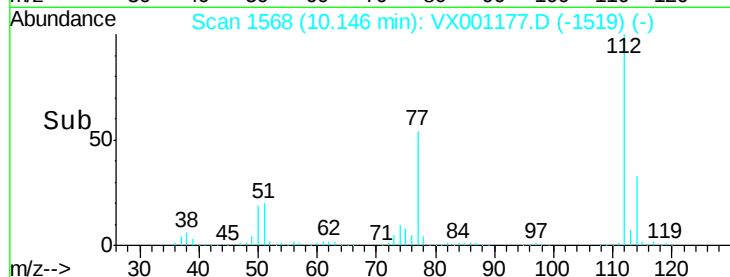
0

10.15

10.10

10.20

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

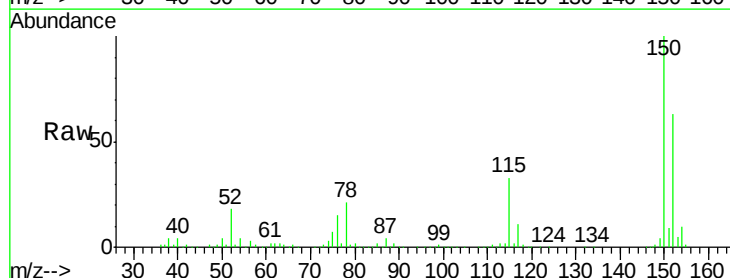
Tgt Ion:152 Resp: 134602

Ion Ratio Lower Upper

152 100

115 52.5 38.0 114.0

150 155.9 0.0 349.6



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

200000

150000

100000

50000

0

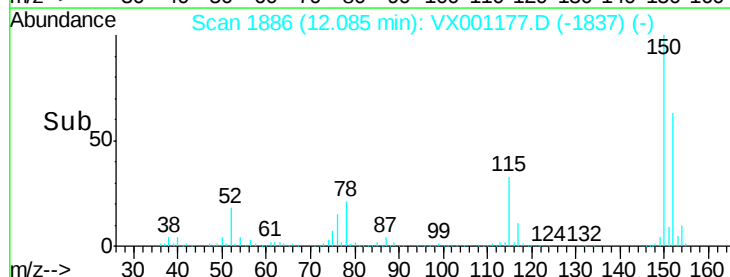
12.09

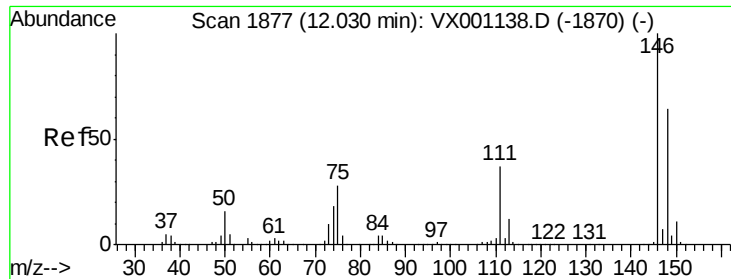
12.00

12.10

12.20

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.31 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418DL

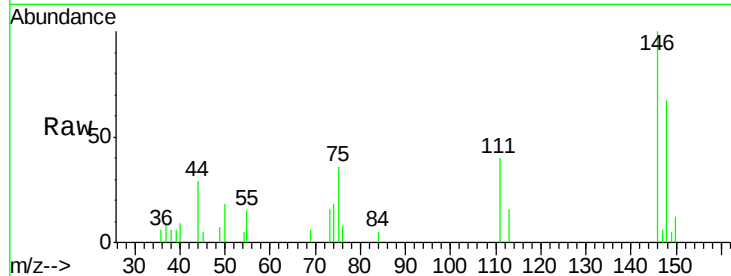
Tot Ion:146 Resp: 1463

Ion Ratio Lower Upper

146 100

111 40.7 18.6 56.0

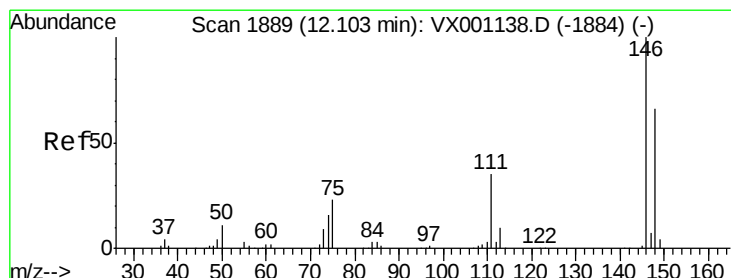
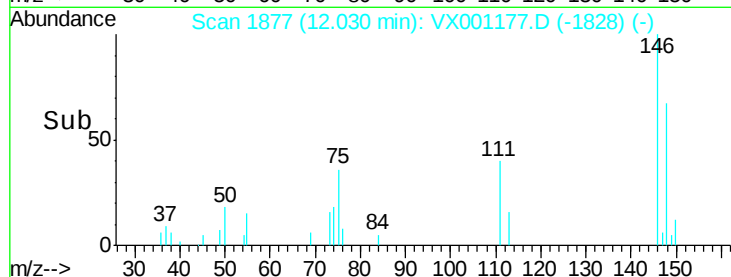
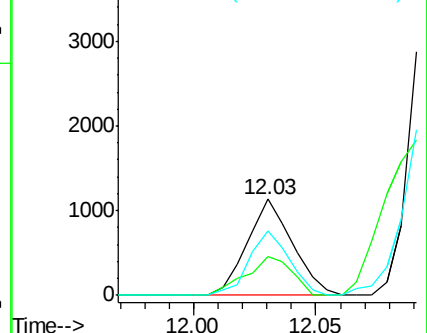
148 59.3 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 2.07 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

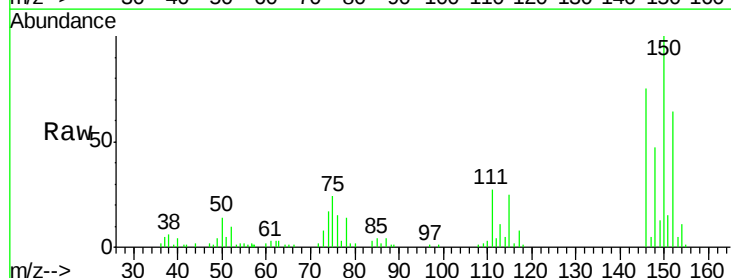
Tgt Ion:146 Resp: 10094

Ion Ratio Lower Upper

146 100

111 52.2 18.0 54.0

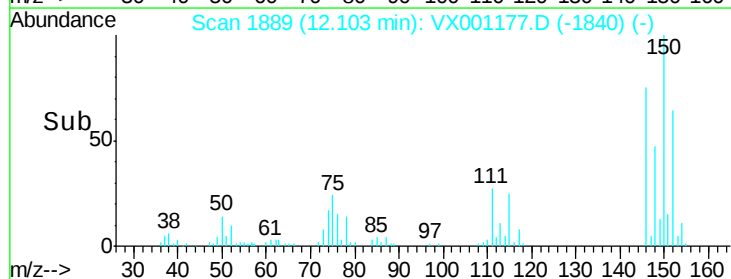
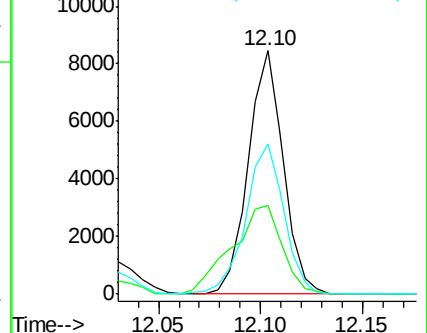
148 67.5 32.5 97.5

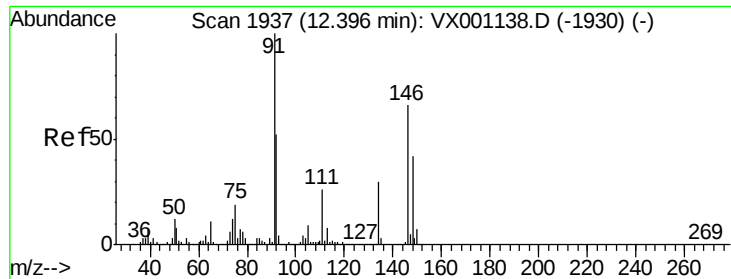


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 8.45 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001177.D

Acq: 27 Apr 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418DL

Tot Ion:146 Resp: 39912

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.3

148 65.1 32.2 96.6

