

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000956.D
 Acq On : 17 Apr 2018 07:57
 Operator : JC/MD
 Sample : J2349-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012OW009-180410

Quant Time: Apr 17 08:38:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

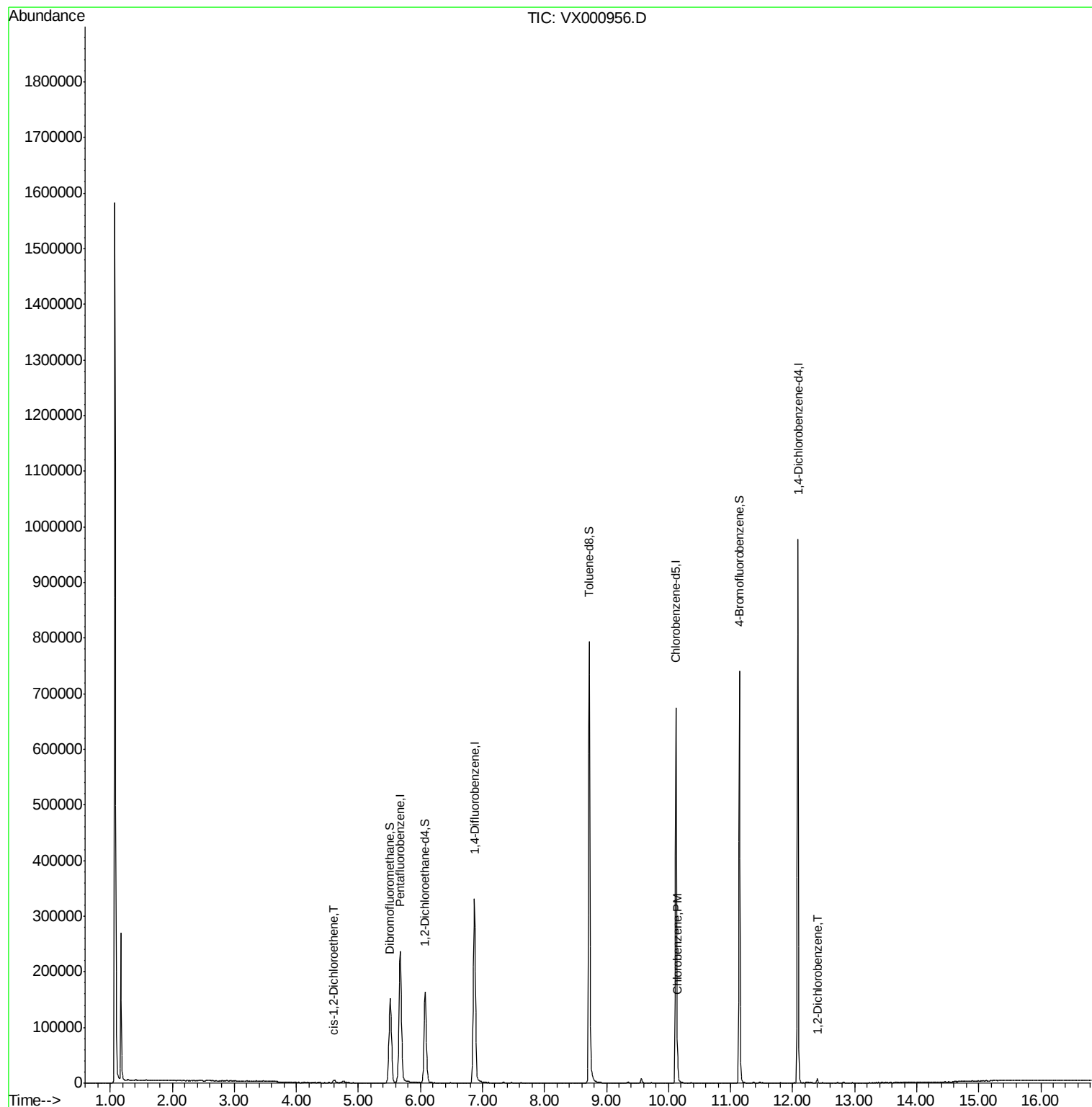
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159443	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
35) Dibromofluoromethane	5.51	113	124996	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
50) Toluene-d8	8.72	98	495345	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.14	95	189104	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3346	1.14	ug/l	86
65) Chlorobenzene	10.15	112	11510	1.40	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	2379	0.35	ug/l	91

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
Data File : VX000956.D
Acq On : 17 Apr 2018 07:57
Operator : JC/MD
Sample : J2349-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF012OW009-180410

Quant Time: Apr 17 08:38:59 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 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: VX000956.D

Acq: 17 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

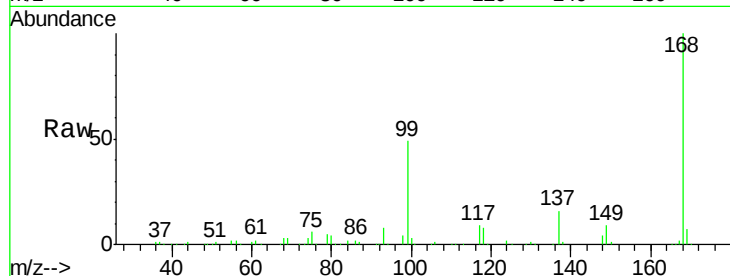
LF012OW009-180410

Tot Ion:168 Resp: 255598

Ion Ratio Lower Upper

168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

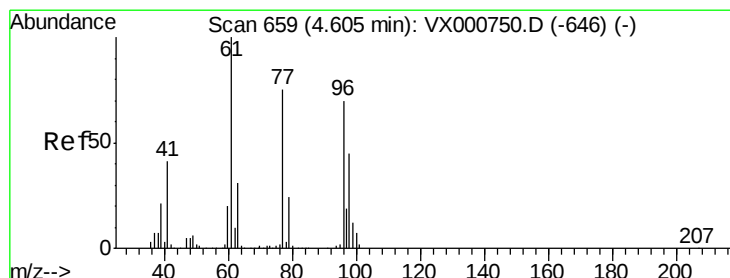
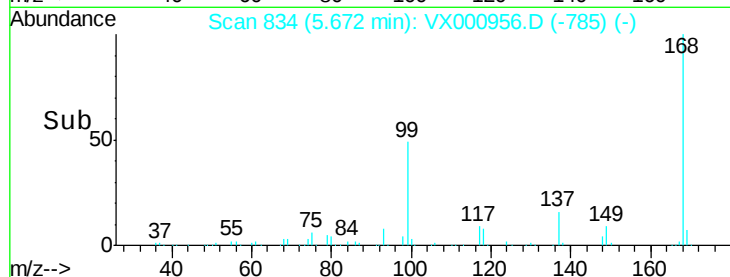
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.14 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

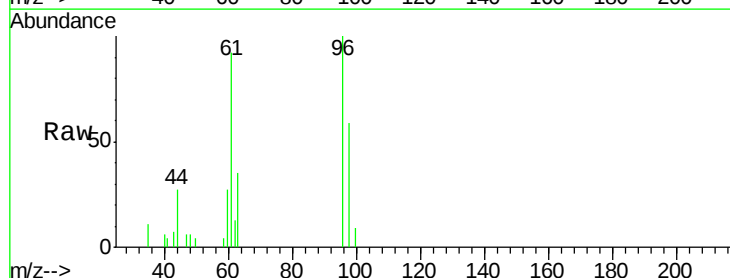
Tgt Ion: 96 Resp: 3346

Ion Ratio Lower Upper

96 100

61 121.0 0.0 292.4

98 65.4 0.0 130.2



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

2000

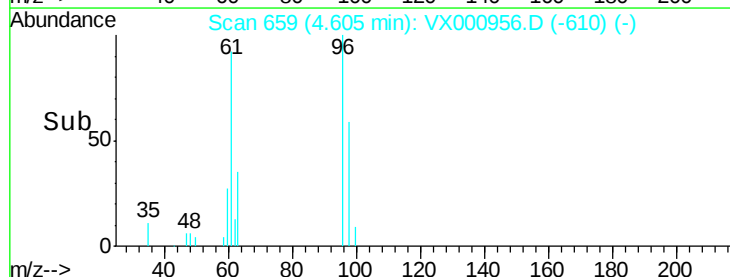
1500

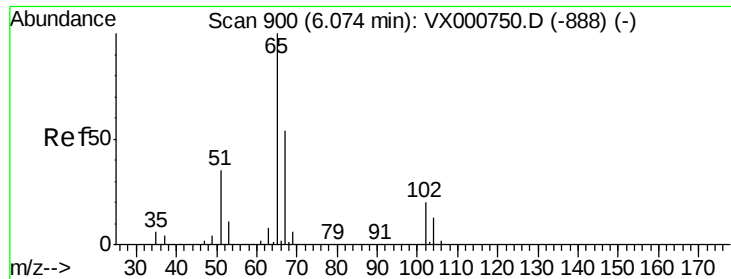
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 49.47 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

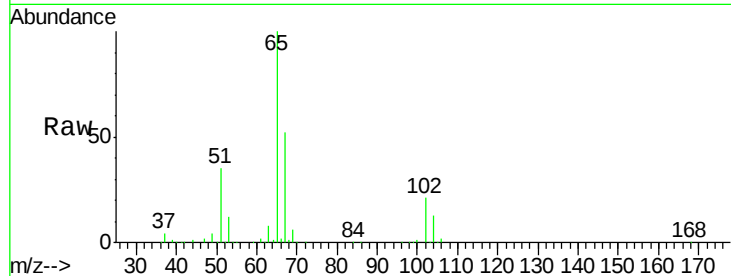
LF012OW009-180410

Tot Ion: 65 Resp: 159443

Ion Ratio Lower Upper

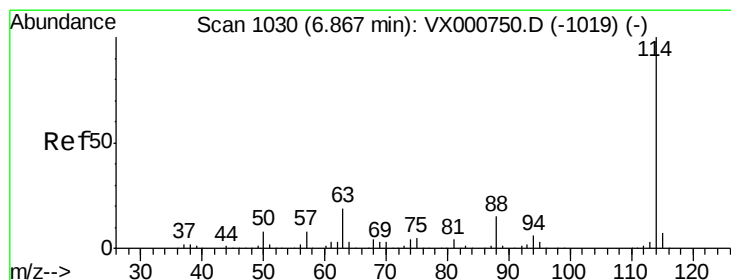
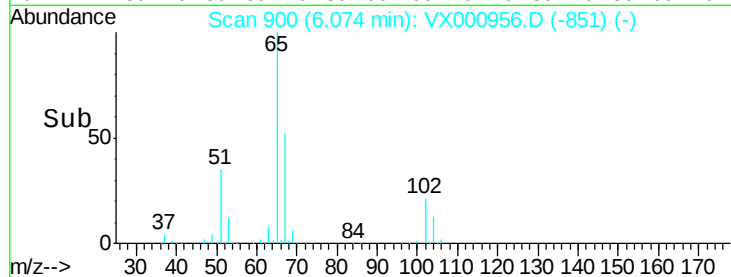
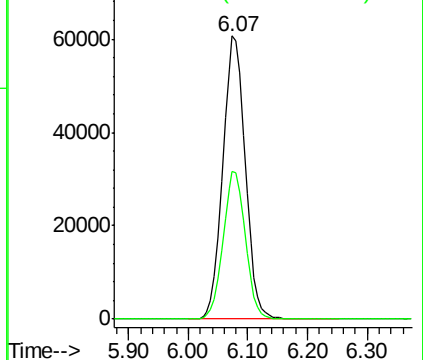
65 100

67 51.6 0.0 103.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

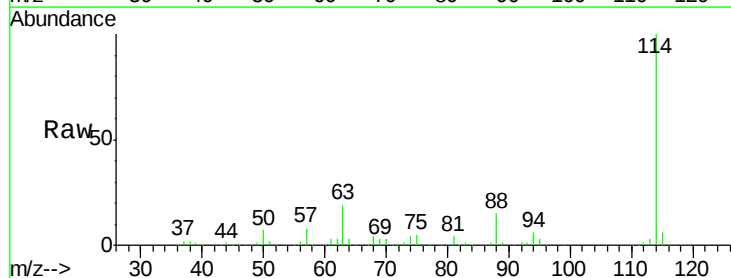
Tgt Ion: 114 Resp: 354239

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

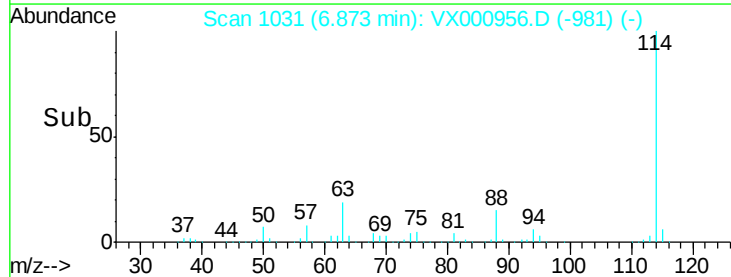
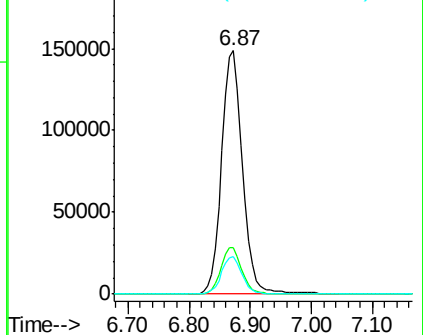
88 15.2 0.0 31.0

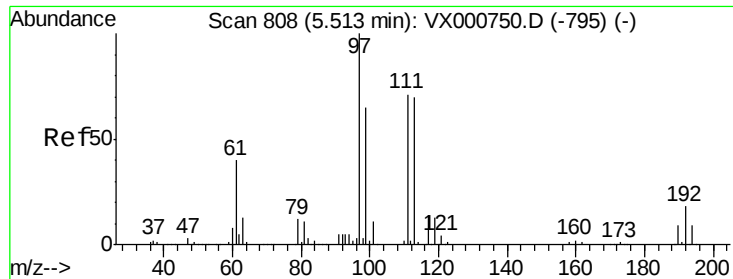


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

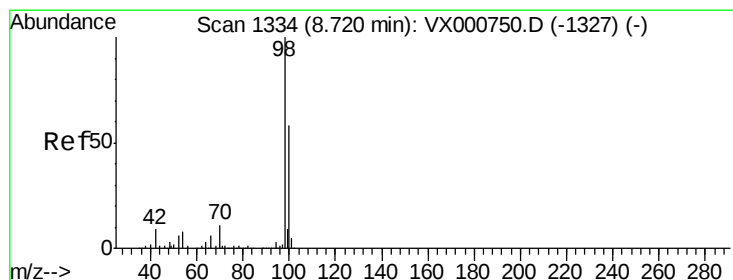
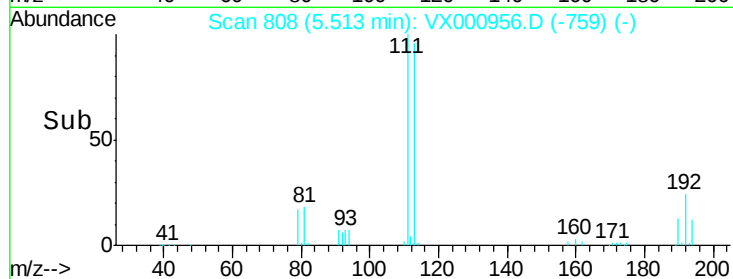
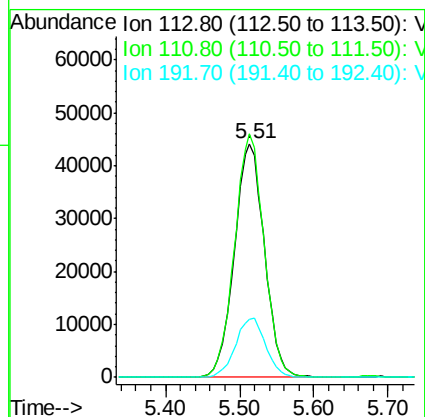
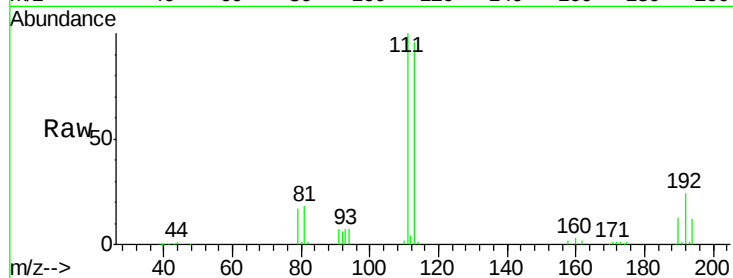




#35
 Dibromofluoromethane
 Concen: 45.80 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000956.D
 Acq: 17 Apr 2018 07:57

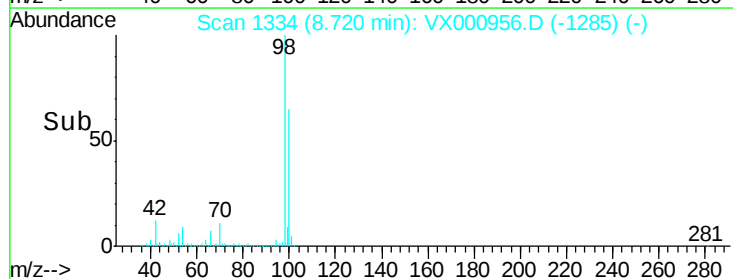
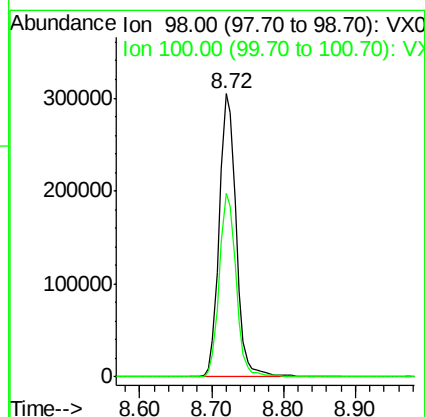
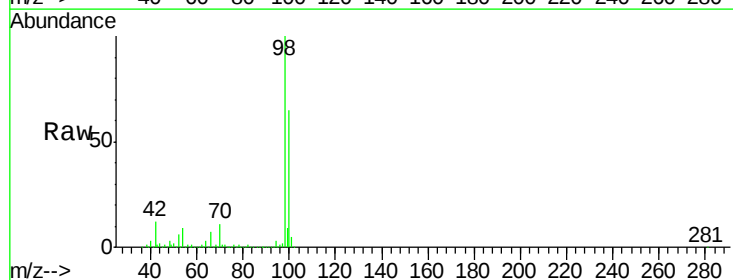
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012OW009-180410

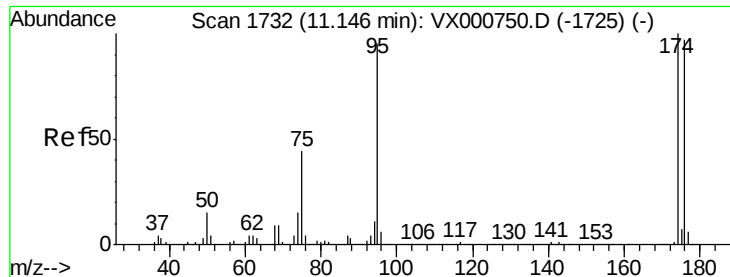
Tot Ion:113 Resp: 124996
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 25.4 20.4 30.6



#50
 Toluene-d8
 Concen: 48.75 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX000956.D
 Acq: 17 Apr 2018 07:57

Tgt Ion: 98 Resp: 495345
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 44.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

LF012OW009-180410

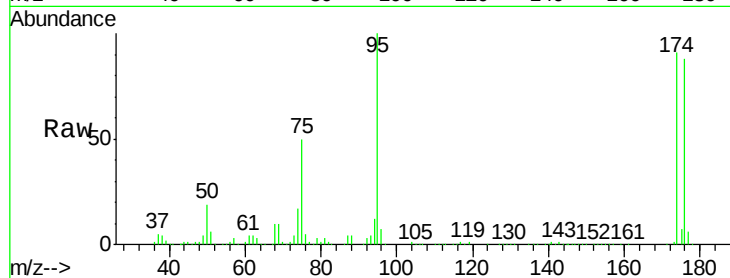
Tot Ion: 95 Resp: 189104

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

176 94.9 0.0 194.4

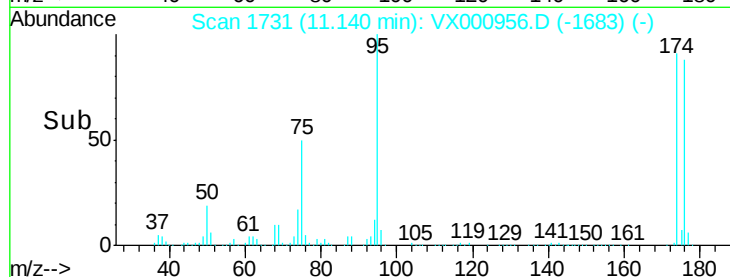


Abundance Ion 94.90 (94.60 to 95.60): VX000956.D (-1683) (-)

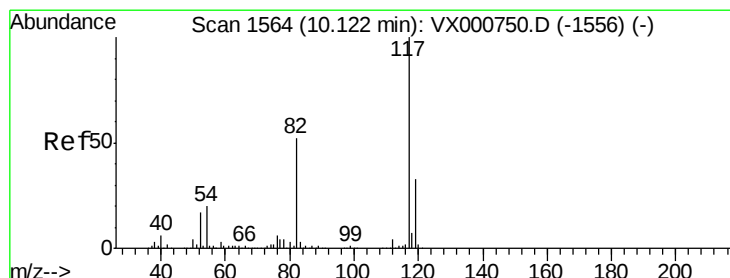
Ion 173.80 (173.50 to 174.50): VX000956.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000956.D (-1683) (-)

11.14



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

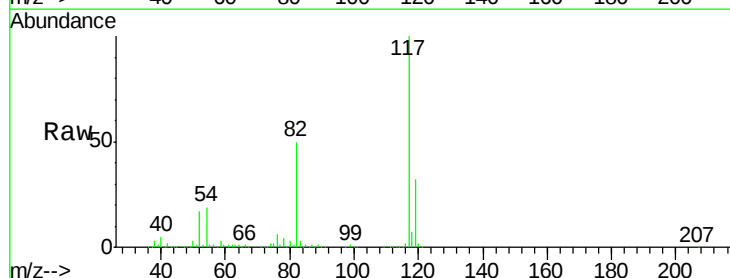
Tgt Ion: 117 Resp: 325949

Ion Ratio Lower Upper

117 100

82 49.9 41.9 62.9

119 32.1 26.0 39.0

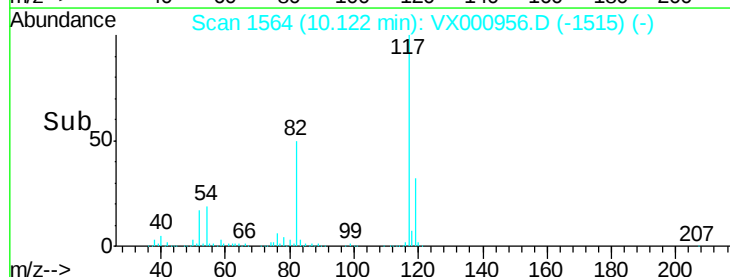


Abundance Ion 116.90 (116.60 to 117.60): VX000956.D (-1515) (-)

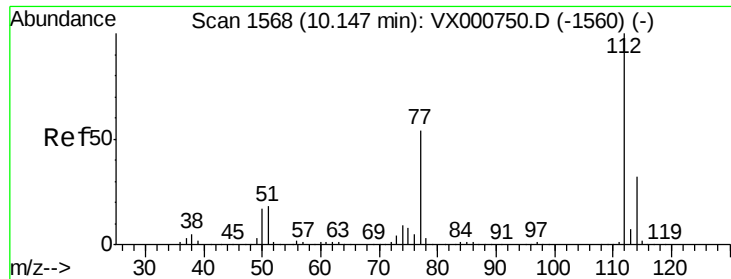
Ion 82.00 (81.70 to 82.70): VX000956.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000956.D (-1515) (-)

10.12



Time-->



#65

Chlorobenzene

Concen: 1.40 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

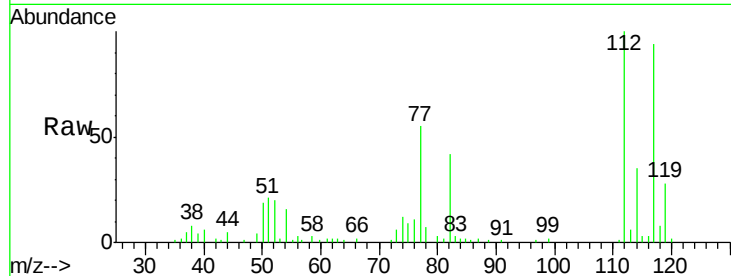
LF012OW009-180410

Tot Ion:112 Resp: 11510

Ion Ratio Lower Upper

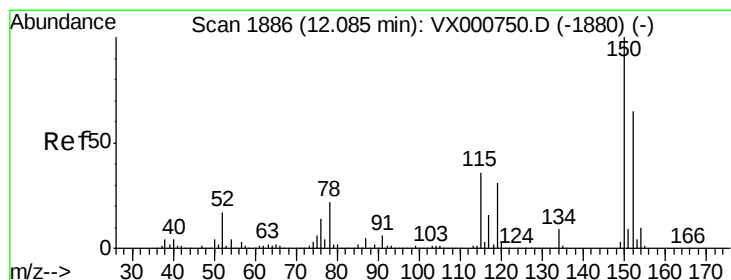
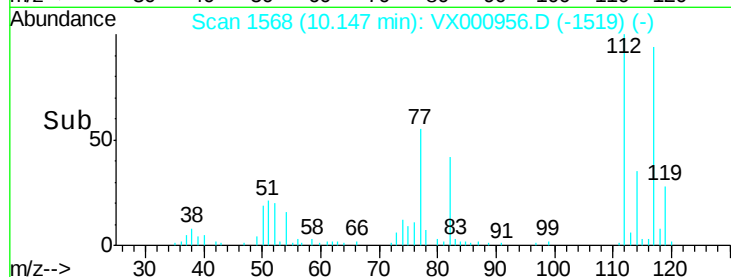
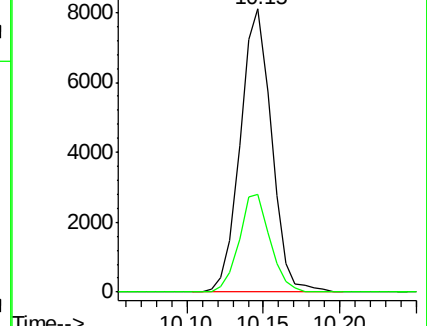
112 100

114 34.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

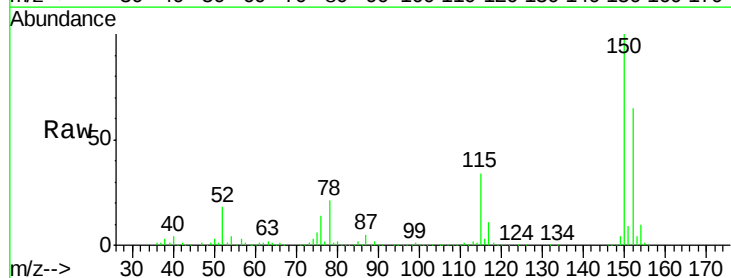
Tgt Ion:152 Resp: 207508

Ion Ratio Lower Upper

152 100

115 53.6 37.9 113.7

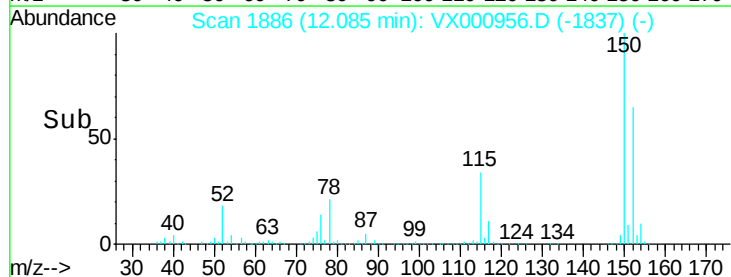
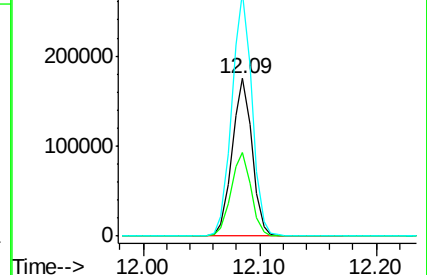
150 155.9 0.0 348.0

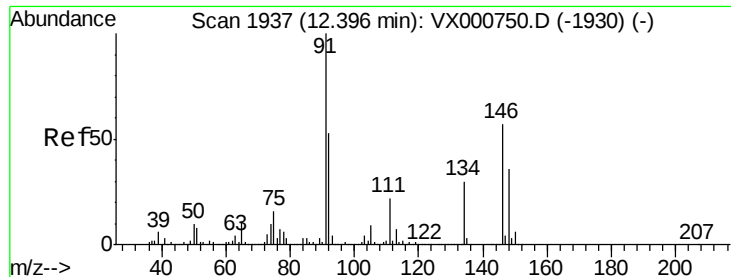


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.35 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000956.D

Acq: 17 Apr 2018 07:57

Instrument :

MSVOA_X

ClientSampleId :

LF012OW009-180410

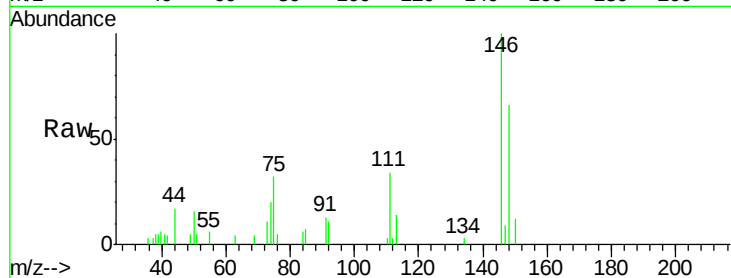
Tot Ion:146 Resp: 2379

Ion Ratio Lower Upper

146 100

111 34.0 18.9 56.7

148 55.7 32.0 96.2



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

