

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001060.D
 Acq On : 23 Apr 2018 15:53
 Operator : JC/MD
 Sample : J2377-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-180412

Quant Time: Apr 24 07:35:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

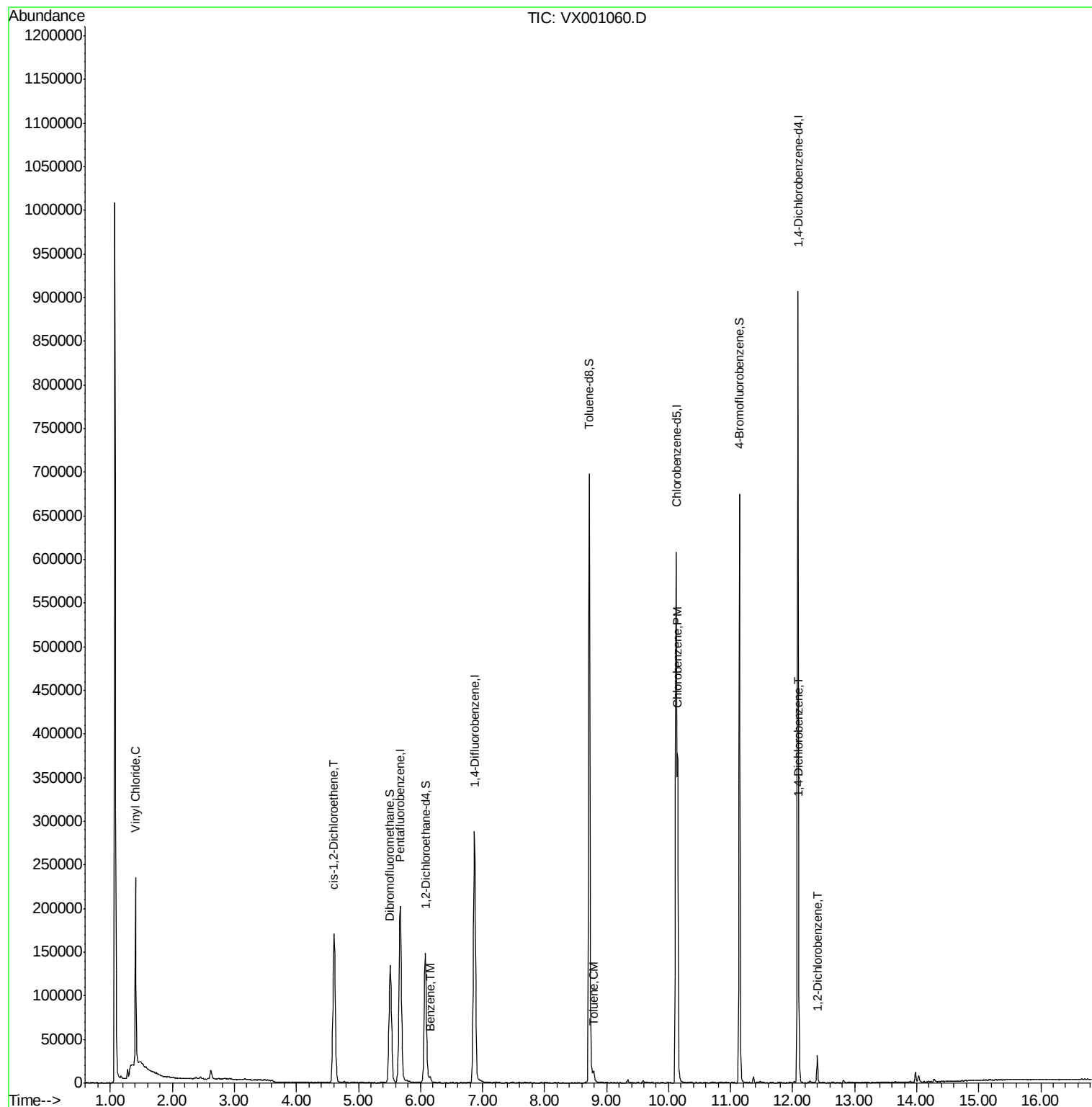
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	142553	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	5.51	113	109846	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	8.72	98	429624	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.15	95	166553	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
4) Vinyl Chloride	1.40	62	144405	55.73	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	107532	41.11	ug/l	88
40) Benzene	6.15	78	7579	0.76	ug/l	94
52) Toluene	8.79	92	3326	0.51	ug/l	99
65) Chlorobenzene	10.15	112	160552	21.15	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	14059	2.04	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	9771	1.50	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001060.D

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Instrument :

MSVOA_X

ClientSampleId :

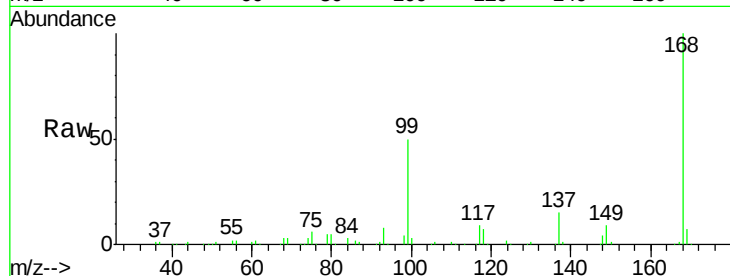
LF014MW015-180412

Tot Ion:168 Resp: 216485

Ion Ratio Lower Upper

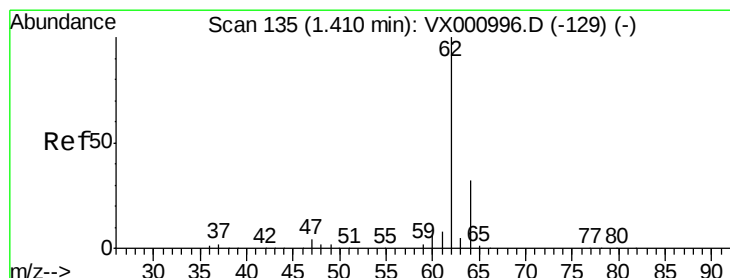
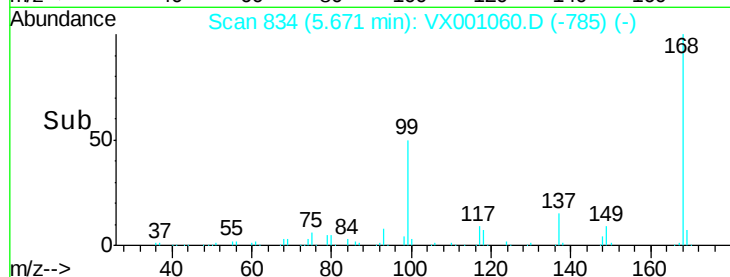
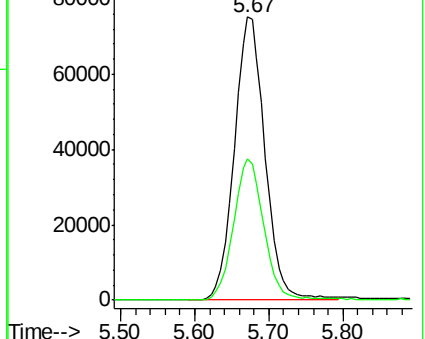
168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 55.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001060.D

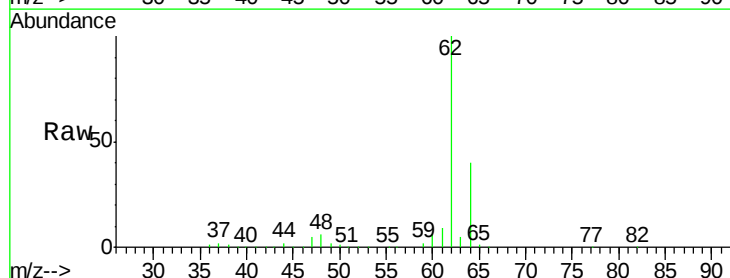
Acq: 23 Apr 2018 15:53

Tgt Ion: 62 Resp: 144405

Ion Ratio Lower Upper

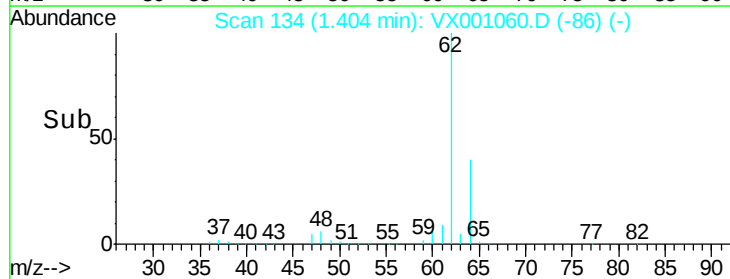
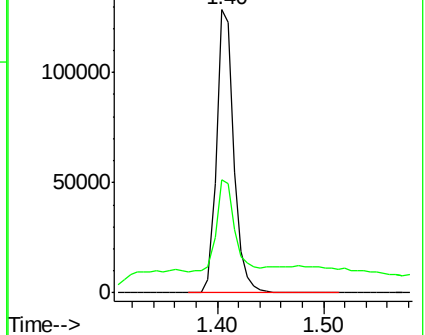
62 100

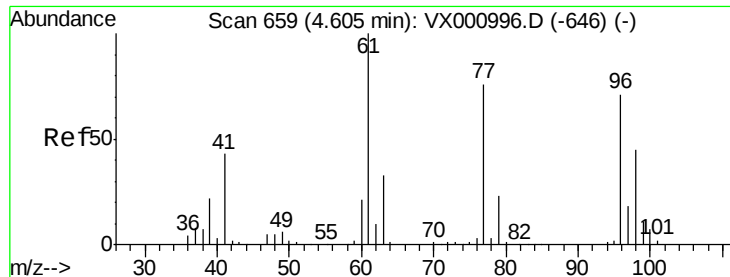
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 41.11 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001060.D

Acq: 23 Apr 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-180412

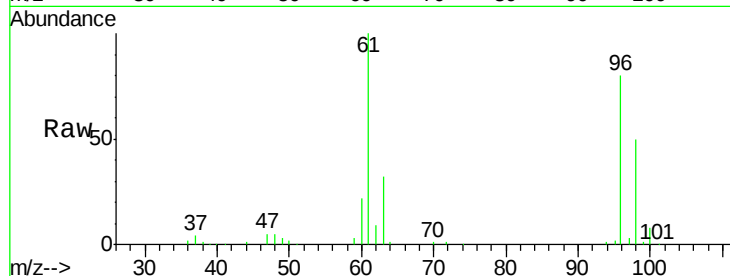
Tot Ion: 96 Resp: 107532

Ion Ratio Lower Upper

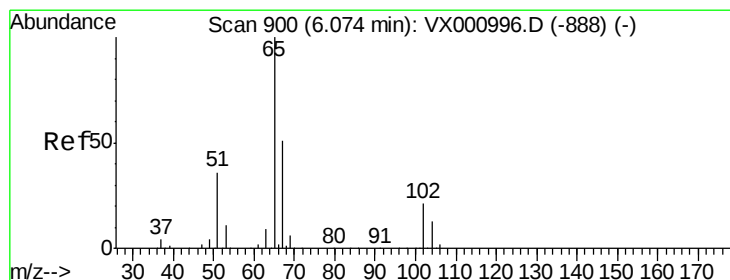
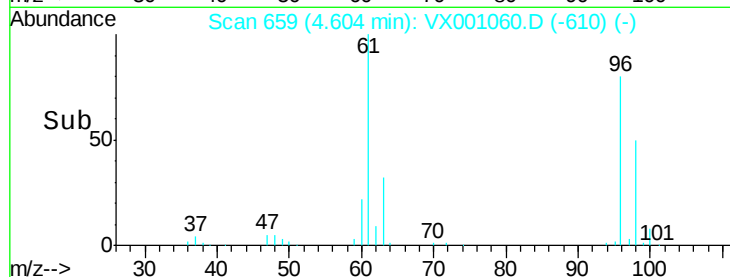
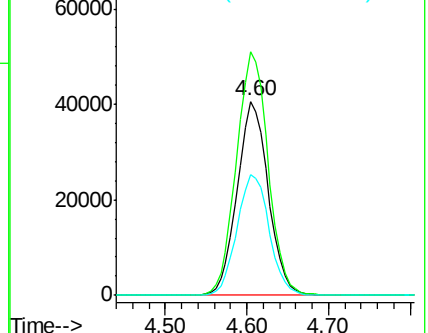
96 100

61 127.9 0.0 297.0

98 64.4 0.0 130.0



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



#33

1,2-Dichloroethane-d4

Concen: 51.95 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001060.D

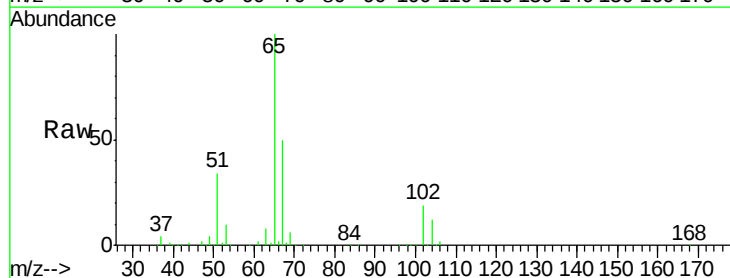
Acq: 23 Apr 2018 15:53

Tgt Ion: 65 Resp: 142553

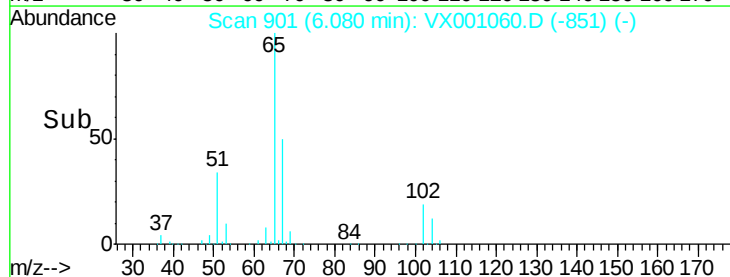
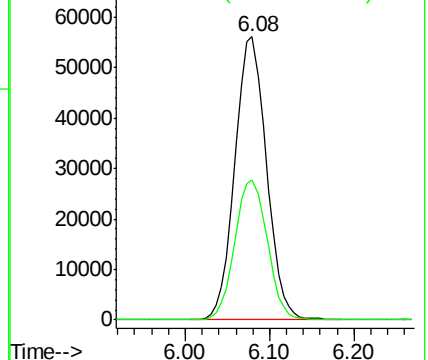
Ion Ratio Lower Upper

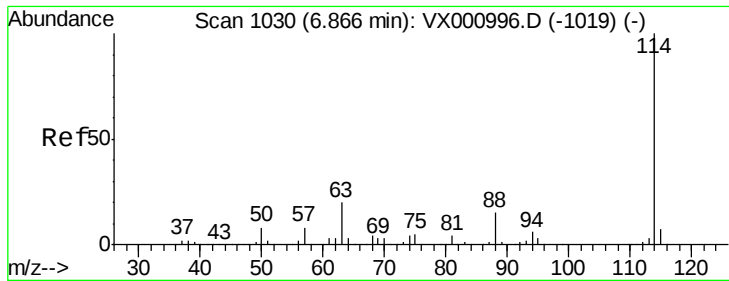
65 100

67 50.9 0.0 102.6



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: VX001060.D

Acq: 23 Apr 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-180412

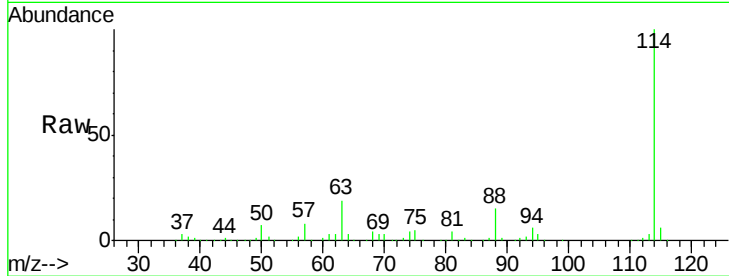
Tot Ion:114 Resp: 307259

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

88 15.1 0.0 29.8



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

150000

100000

50000

0

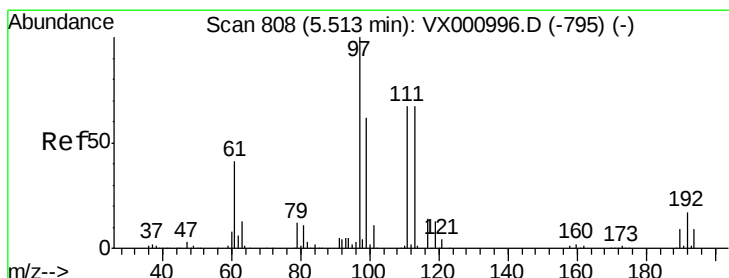
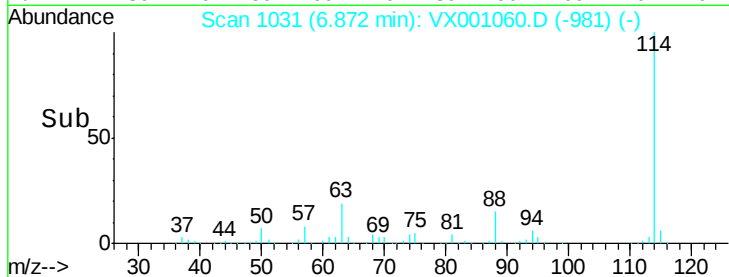
6.87

6.80

7.00

7.20

Time-->



#35

Dibromofluoromethane

Concen: 46.88 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001060.D

Acq: 23 Apr 2018 15:53

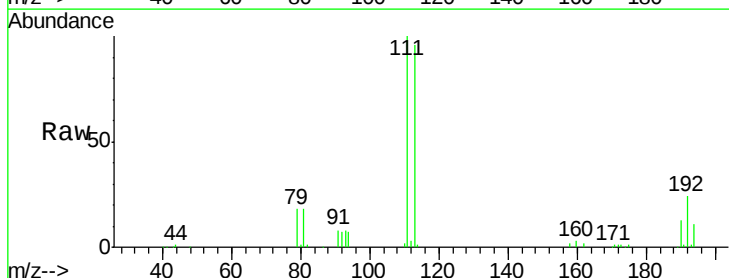
Tgt Ion:113 Resp: 109846

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

192 25.3 20.4 30.6



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

50000

40000

30000

20000

10000

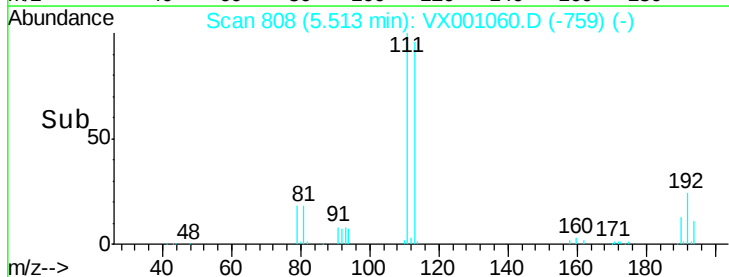
0

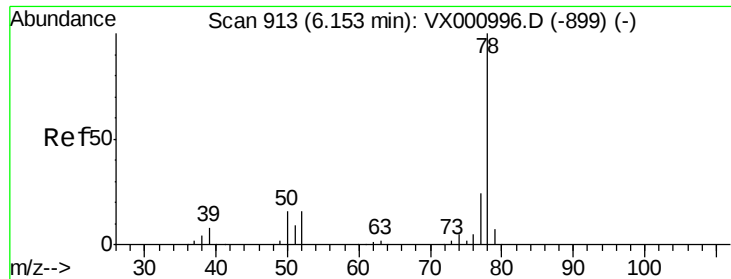
5.51

5.40

5.60

Time-->

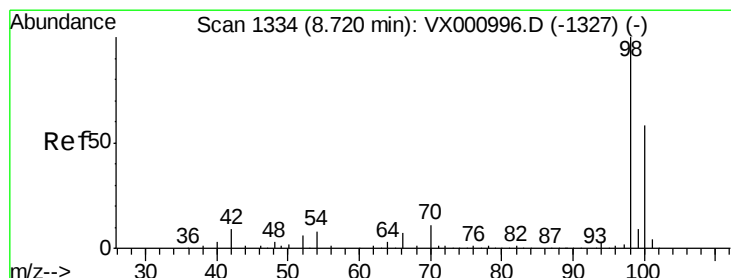
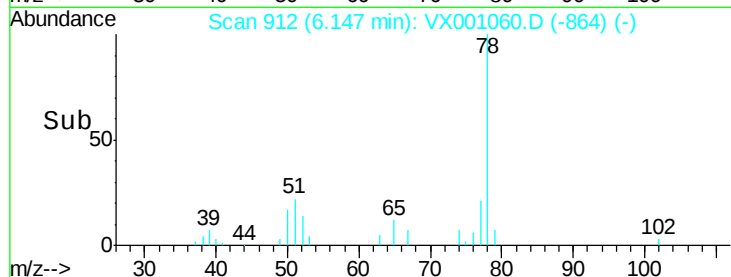
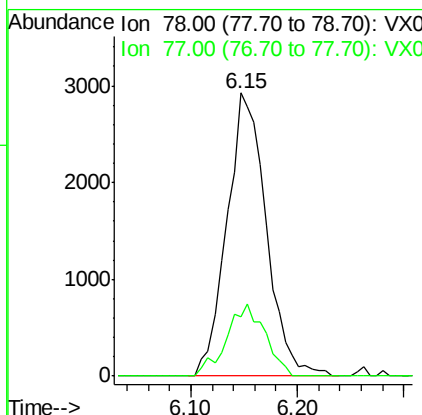
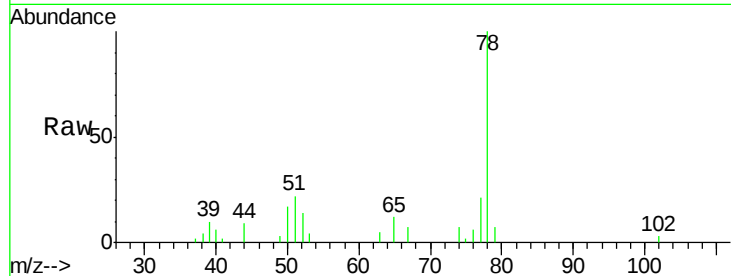




#40
Benzene
Concen: 0.76 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001060.D
Acq: 23 Apr 2018 15:53

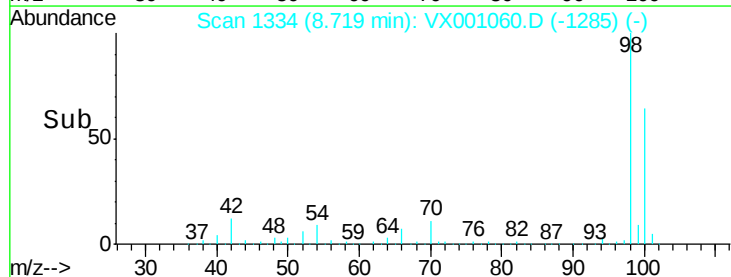
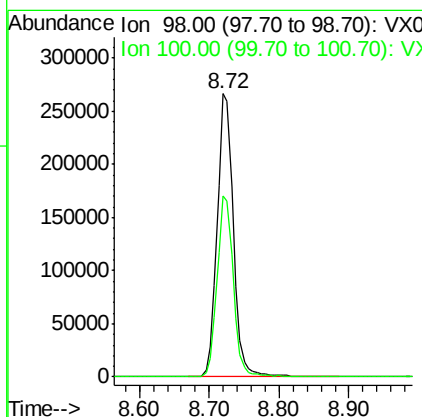
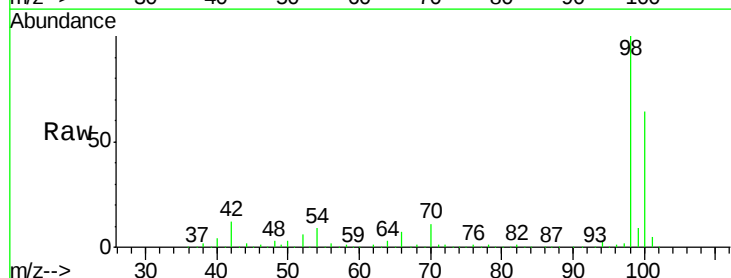
Instrument :
MSVOA_X
ClientSampleId :
LF014MW015-180412

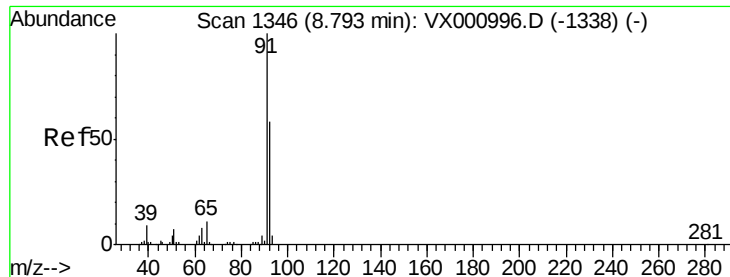
Tot Ion: 78 Resp: 7579
Ion Ratio Lower Upper
78 100
77 20.9 18.9 28.3



#50
Toluene-d8
Concen: 49.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001060.D
Acq: 23 Apr 2018 15:53

Tgt Ion: 98 Resp: 429624
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





#52

Toluene

Concen: 0.51 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001060.D

Acq: 23 Apr 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

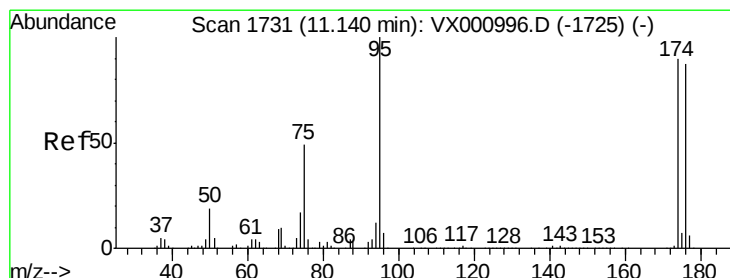
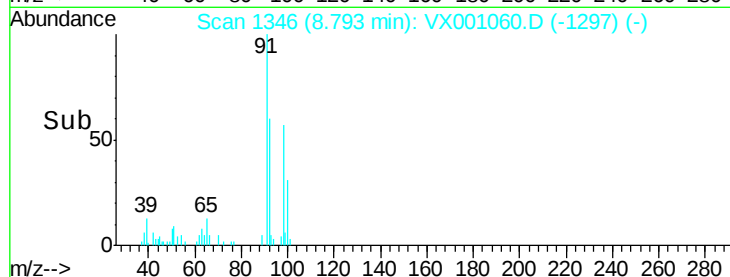
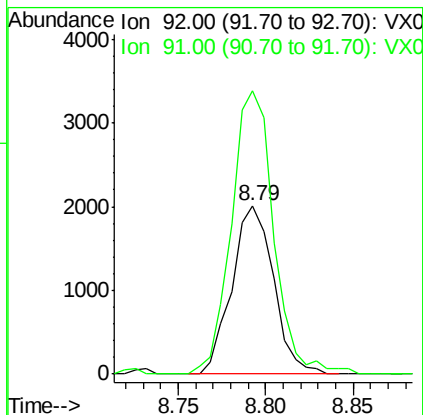
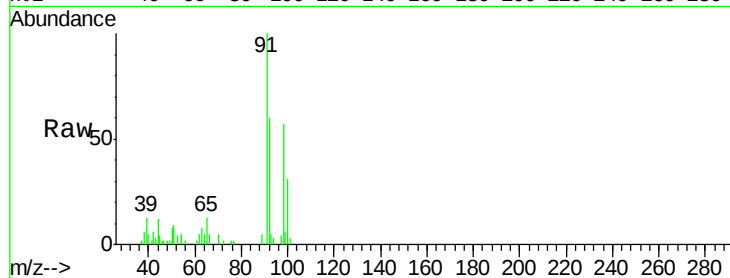
LF014MW015-180412

Tot Ion: 92 Resp: 3326

Ion Ratio Lower Upper

92 100

91 171.5 138.2 207.4



#62

4-Bromofluorobenzene

Concen: 45.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001060.D

Acq: 23 Apr 2018 15:53

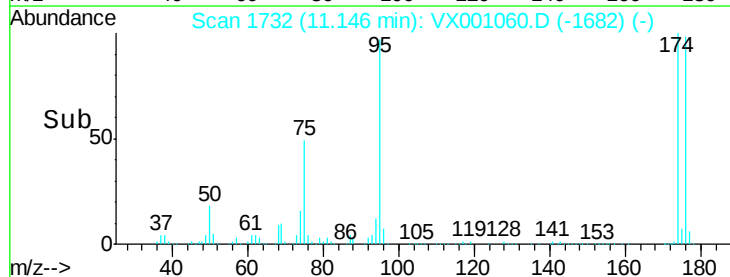
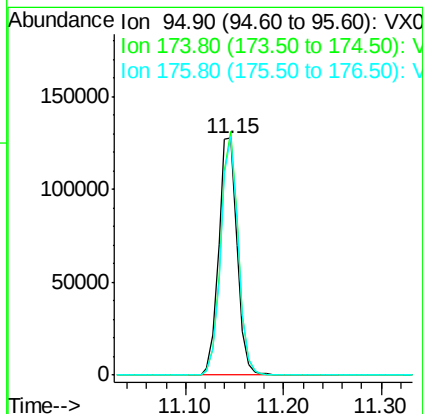
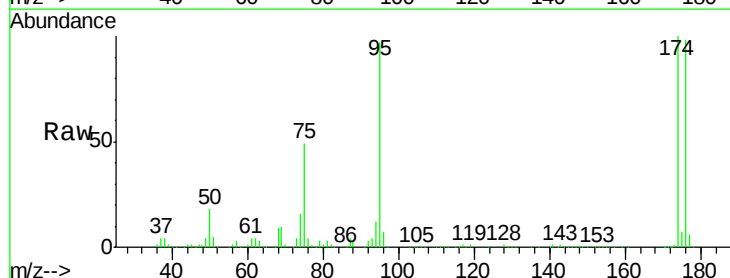
Tgt Ion: 95 Resp: 166553

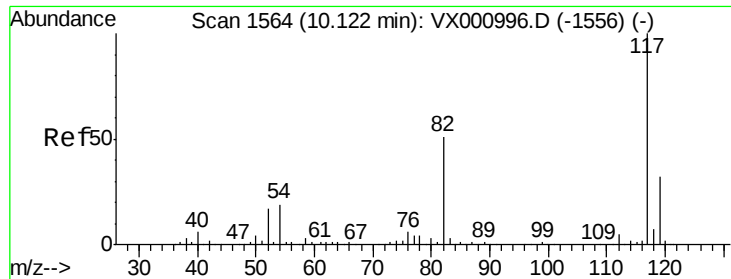
Ion Ratio Lower Upper

95 100

174 97.1 0.0 198.4

176 95.1 0.0 192.0

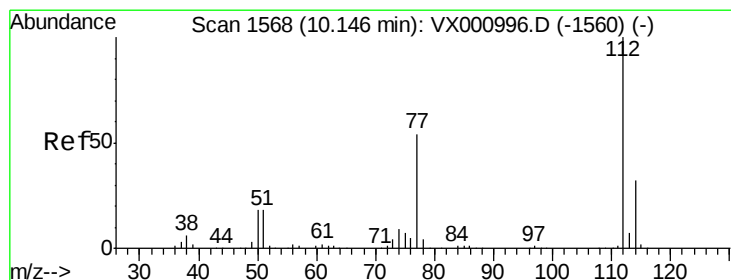
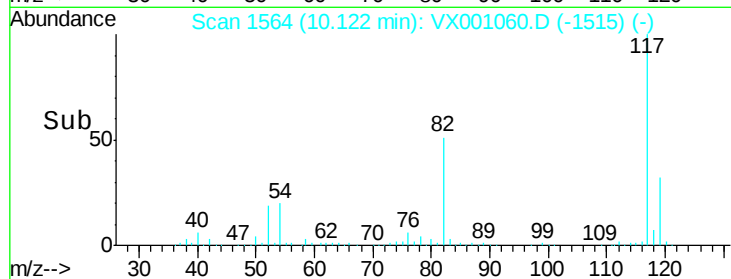
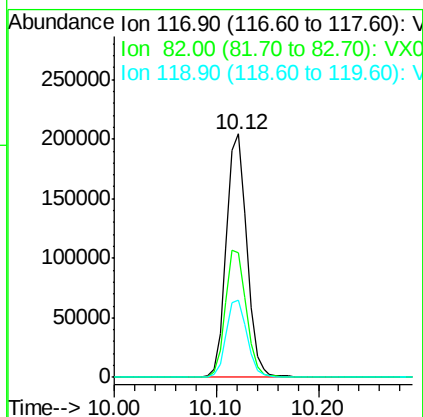
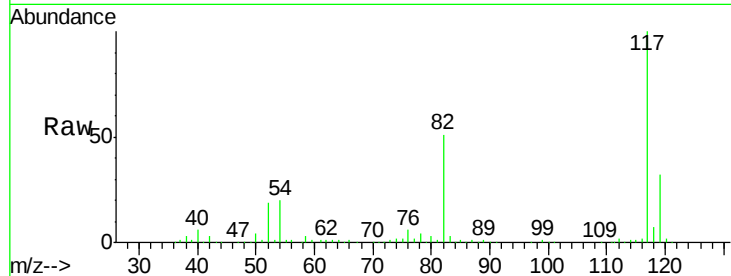




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001060.D
Acq: 23 Apr 2018 15:53

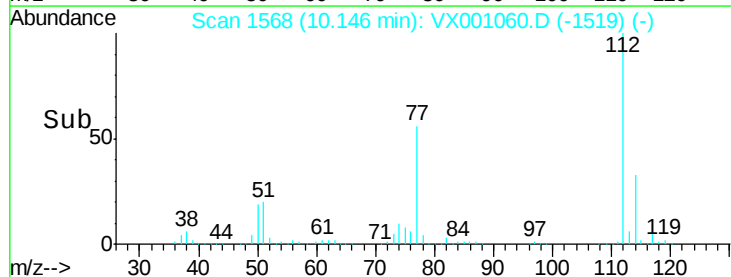
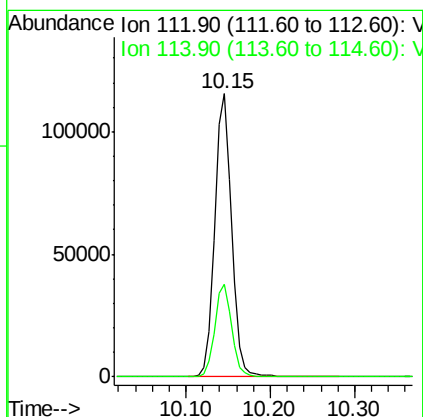
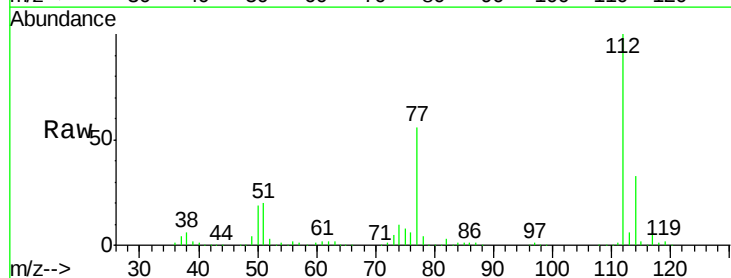
Instrument :
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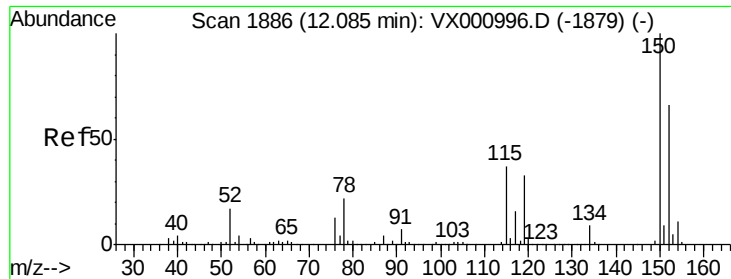
Tot Ion:117 Resp: 285058
Ion Ratio Lower Upper
117 100
82 51.4 40.6 60.8
119 31.8 26.0 39.0



#65
Chlorobenzene
Concen: 21.15 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001060.D
Acq: 23 Apr 2018 15:53

Tgt Ion:112 Resp: 160552
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001060.D

Acq: 23 Apr 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-180412

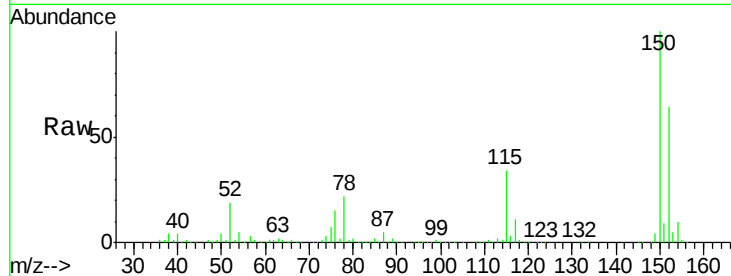
Tot Ion:152 Resp: 189217

Ion Ratio Lower Upper

152 100

115 53.7 38.2 114.6

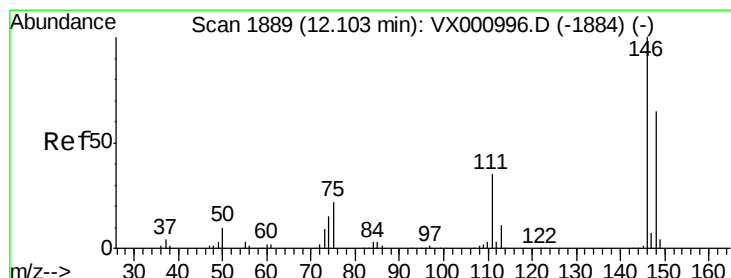
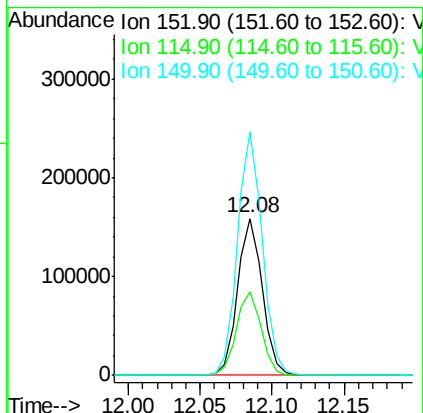
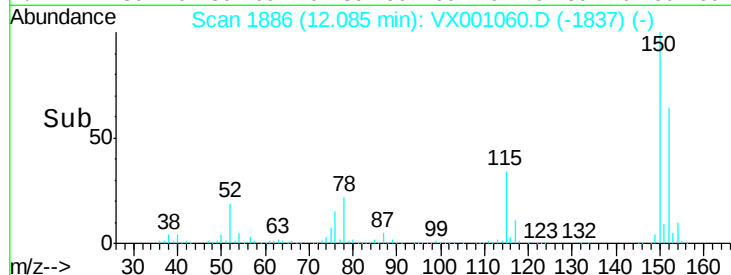
150 156.7 0.0 350.4



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



#88

1,4-Dichlorobenzene

Concen: 2.04 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001060.D

Acq: 23 Apr 2018 15:53

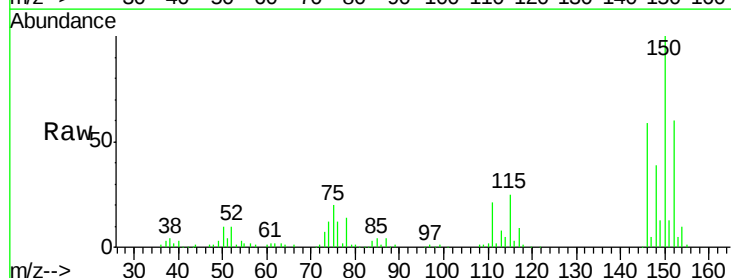
Tgt Ion:146 Resp: 14059

Ion Ratio Lower Upper

146 100

111 52.1 18.0 54.0

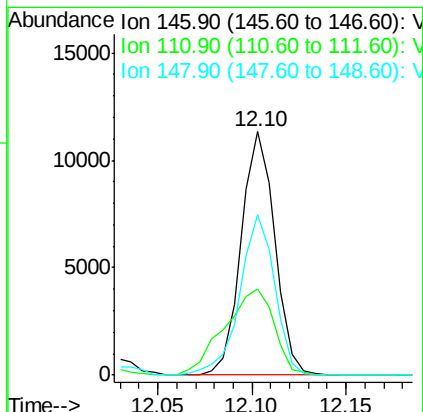
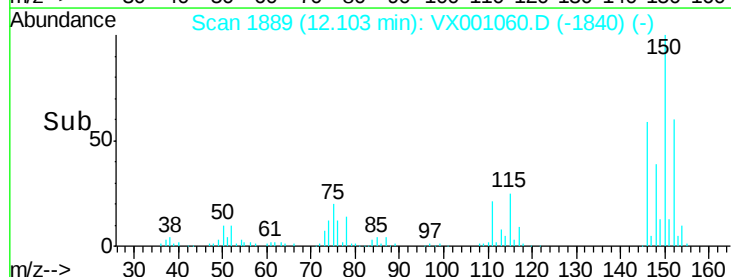
148 68.3 32.4 97.0

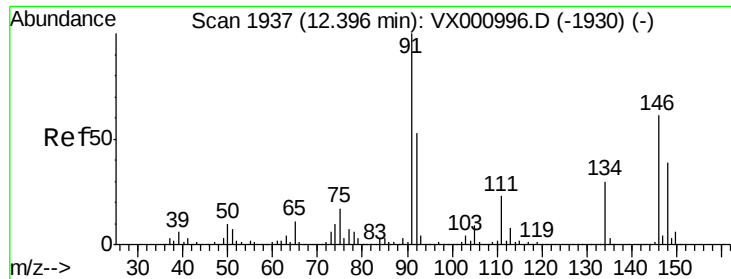


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 1.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001060.D

Acq: 23 Apr 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-180412

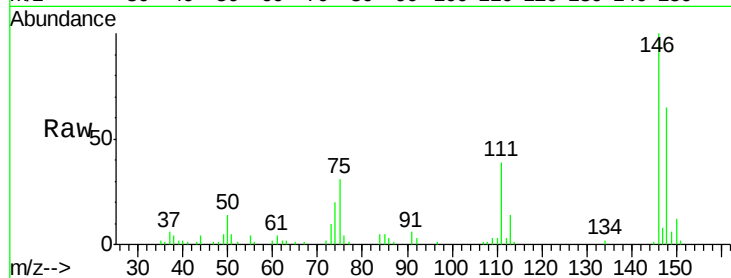
Tot Ion:146 Resp: 9771

Ion Ratio Lower Upper

146 100

111 39.6 18.6 56.0

148 63.6 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

