

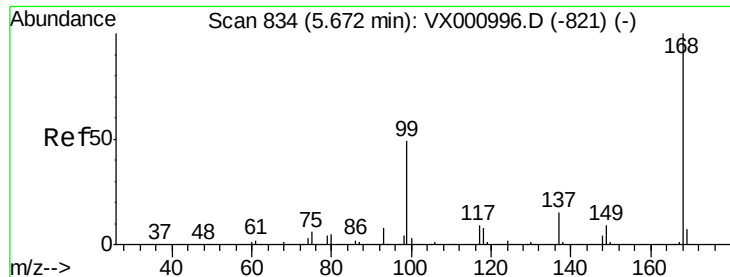
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001094.D
 Acq On : 24 Apr 2018 23:35
 Operator : JC/MD
 Sample : J2463-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW012-180416

Quant Time: Apr 25 08:01:26 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	229670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	172269	59.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.34%	
35) Dibromofluoromethane	5.51	113	130615	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	8.72	98	497898	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
62) 4-Bromofluorobenzene	11.14	95	167173	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
Target Compounds						
65) Chlorobenzene	10.15	112	31446	4.20	ug/l	Qvalue 100
87) 1,3-Dichlorobenzene	12.03	146	1491	0.27	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	15509	2.77	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	11685	2.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001094.D

Acq: 24 Apr 2018 23:35

Instrument :

MSVOA_X

ClientSampleId :

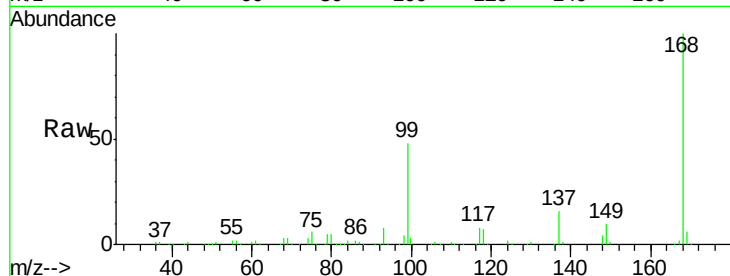
LF014MW012-180416

Tot Ion:168 Resp: 229670

Ion Ratio Lower Upper

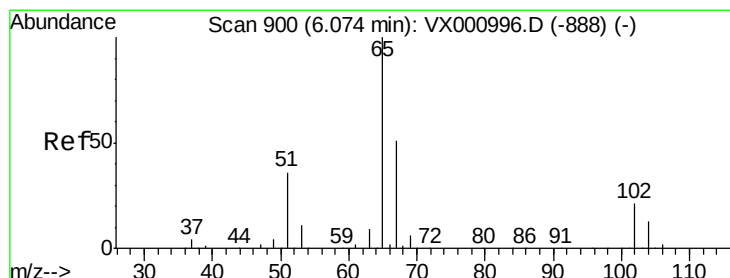
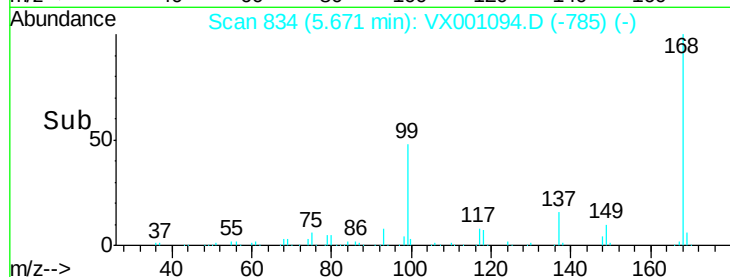
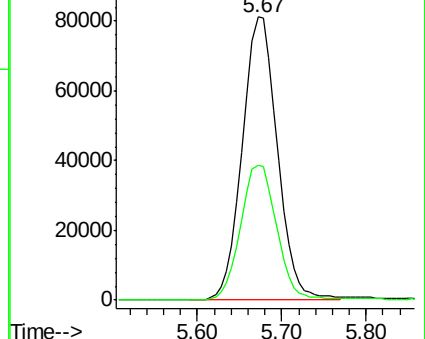
168 100

99 47.7 39.2 58.8



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: 59.17 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001094.D

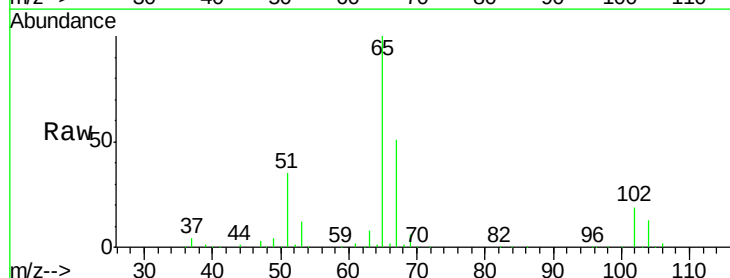
Acq: 24 Apr 2018 23:35

Tgt Ion: 65 Resp: 172269

Ion Ratio Lower Upper

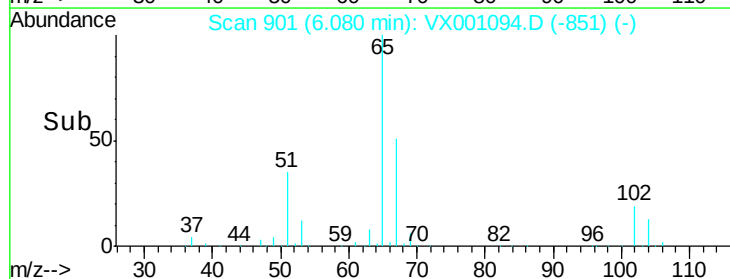
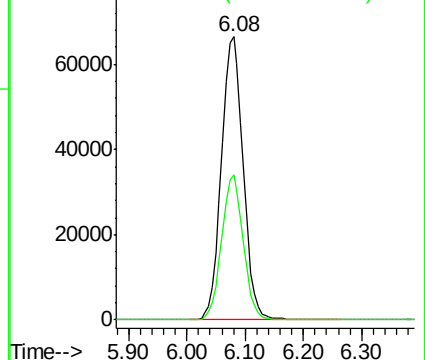
65 100

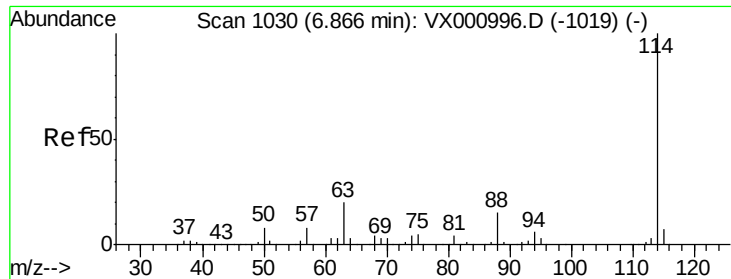
67 50.8 0.0 102.6



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: VX001094.D

Acq: 24 Apr 2018 23:35

Instrument :

MSVOA_X

ClientSampleId :

LF014MW012-180416

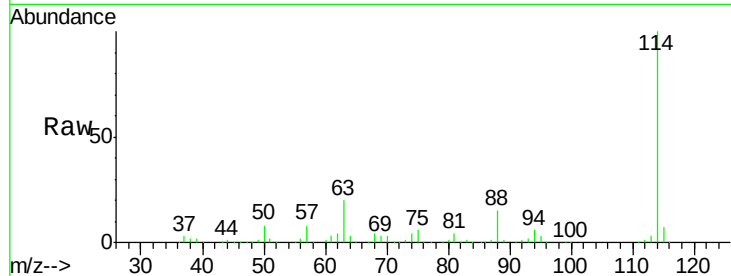
Tot Ion:114 Resp: 323519

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

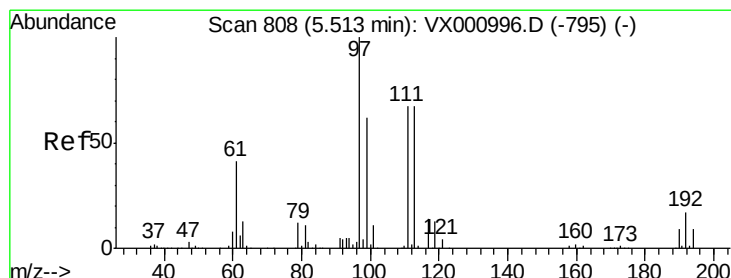
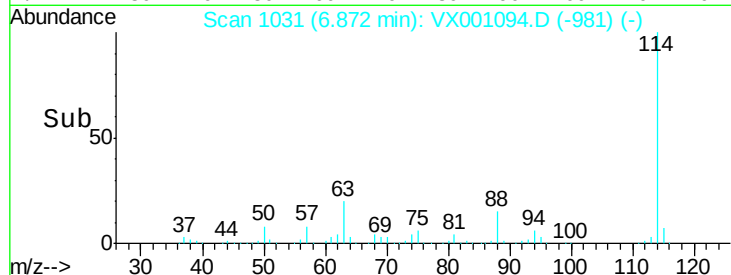
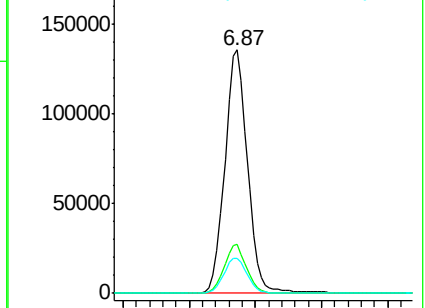
88 14.6 0.0 29.8



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



#35

Dibromofluoromethane

Concen: 52.95 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001094.D

Acq: 24 Apr 2018 23:35

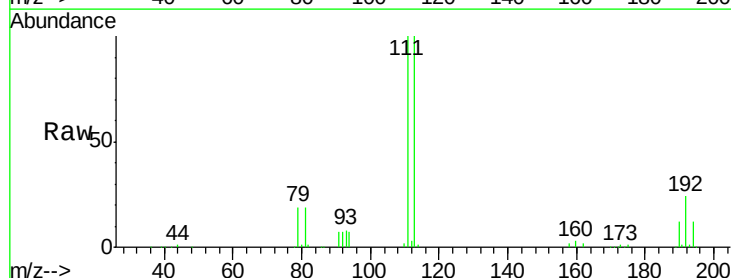
Tgt Ion:113 Resp: 130615

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.2

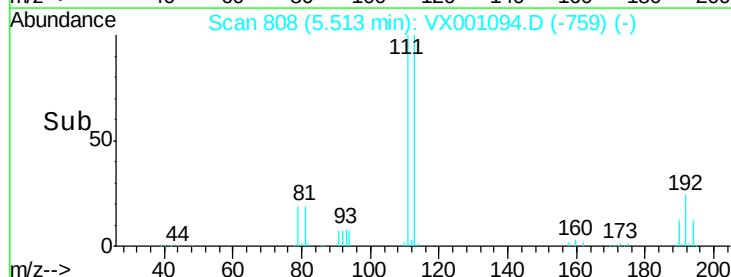
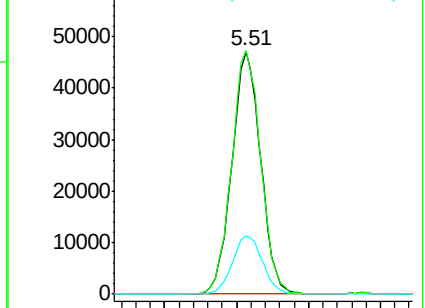
192 25.1 20.4 30.6

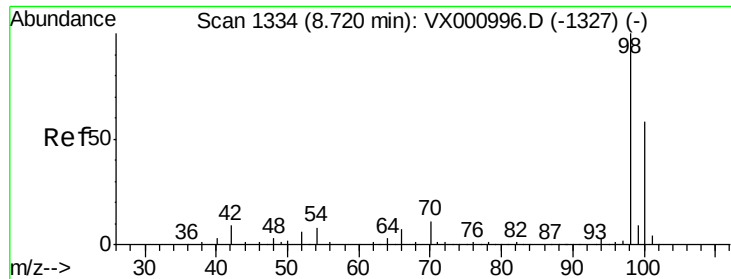


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

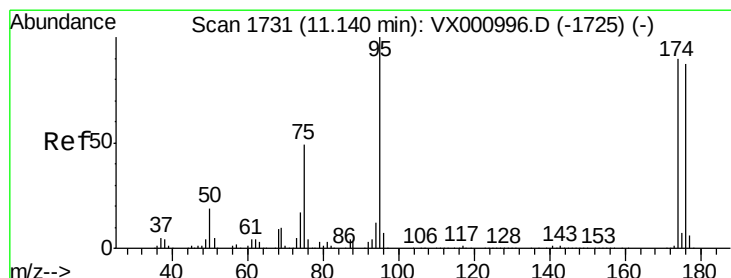
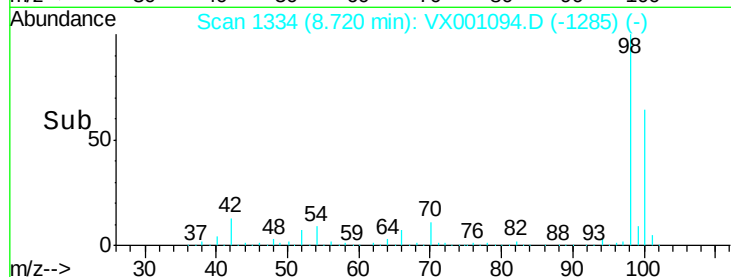
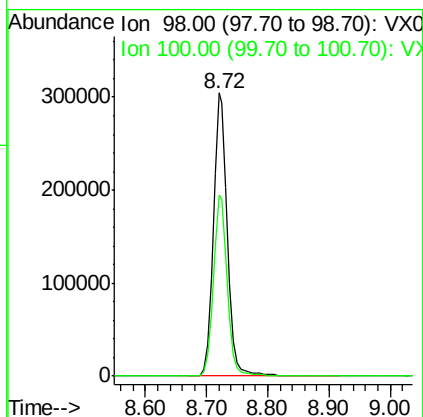
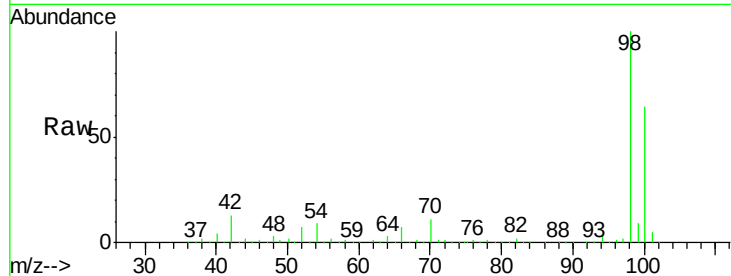




#50
Toluene-d8
Concen: 54.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001094.D
Acq: 24 Apr 2018 23:35

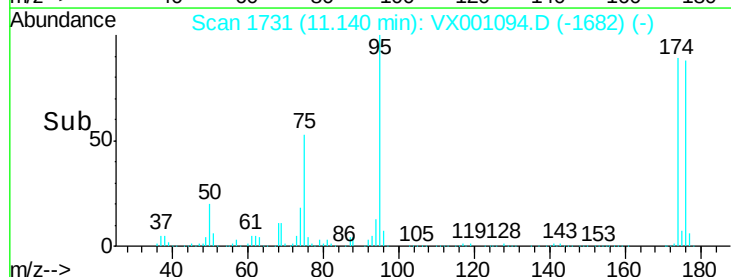
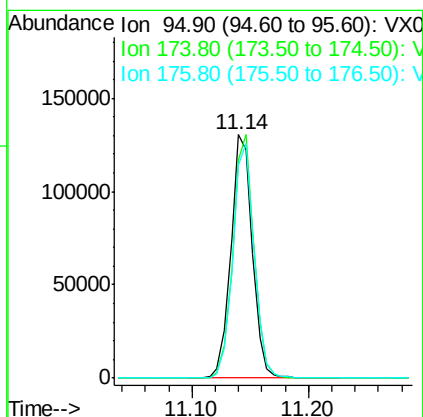
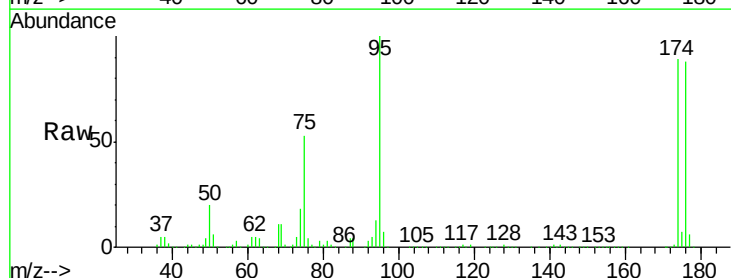
Instrument :
MSVOA_X
ClientSampleId :
LF014MW012-180416

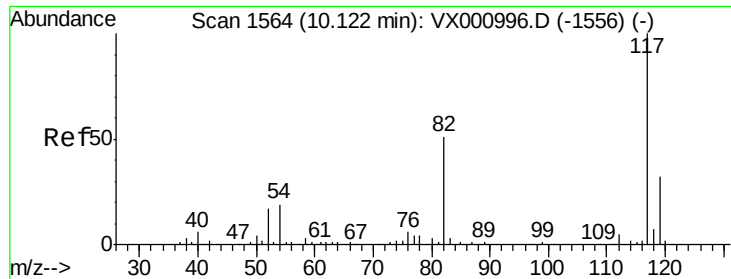
Tot Ion: 98 Resp: 497898
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001094.D
Acq: 24 Apr 2018 23:35

Tgt Ion: 95 Resp: 167173
Ion Ratio Lower Upper
95 100
174 98.4 0.0 198.4
176 95.6 0.0 192.0

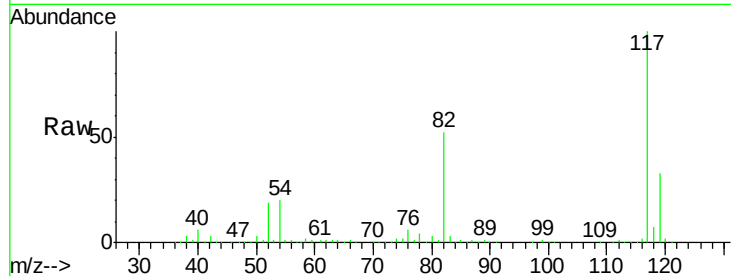




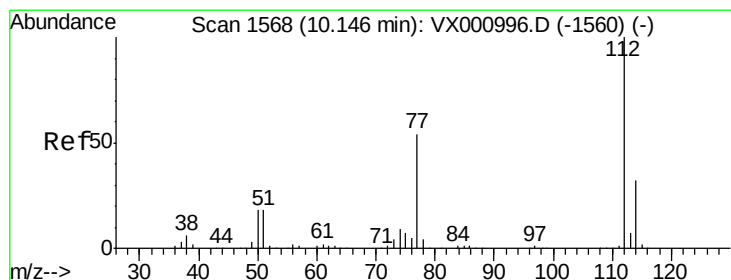
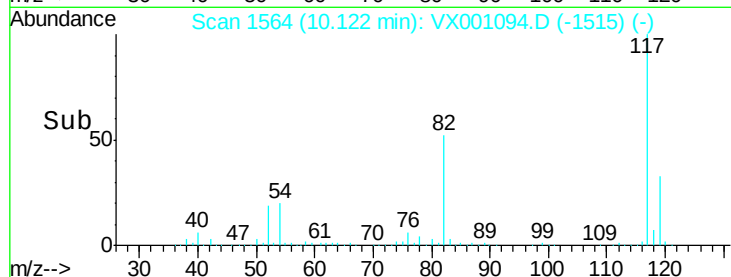
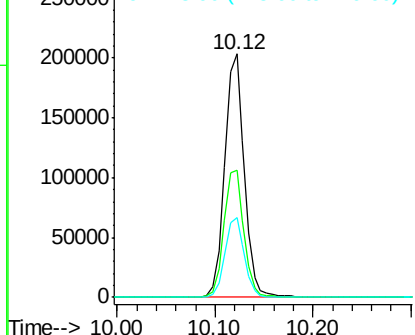
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001094.D
Acq: 24 Apr 2018 23:35

Instrument :
MSVOA_X
ClientSampleId :
LF014MW012-180416

Tot Ion:117 Resp: 281122
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 32.6 26.0 39.0

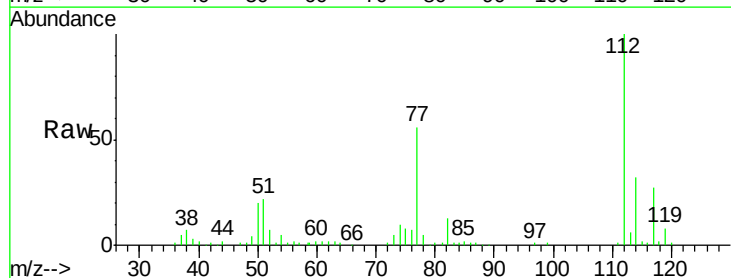


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

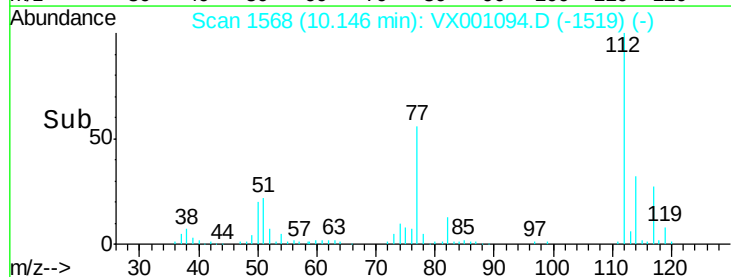
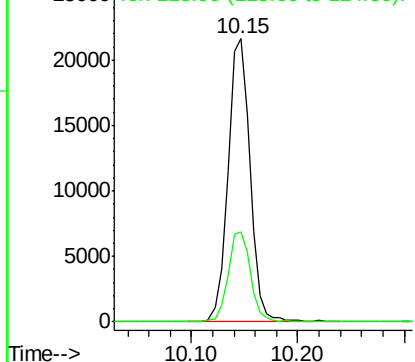


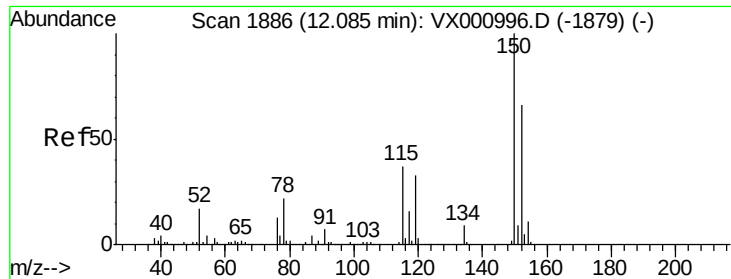
#65
Chlorobenzene
Concen: 4.20 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001094.D
Acq: 24 Apr 2018 23:35

Tgt Ion:112 Resp: 31446
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001094.D

Acq: 24 Apr 2018 23:35

Instrument :

MSVOA_X

ClientSampleId :

LF014MW012-180416

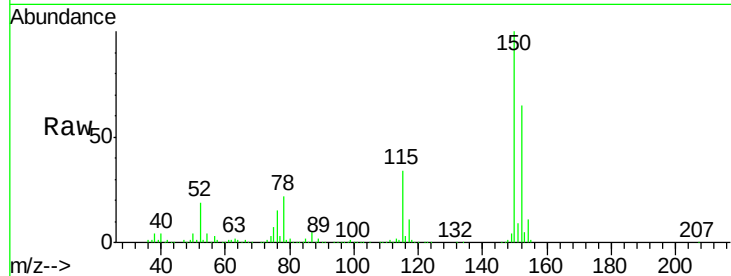
Tot Ion:152 Resp: 153574

Ion Ratio Lower Upper

152 100

115 53.8 38.2 114.6

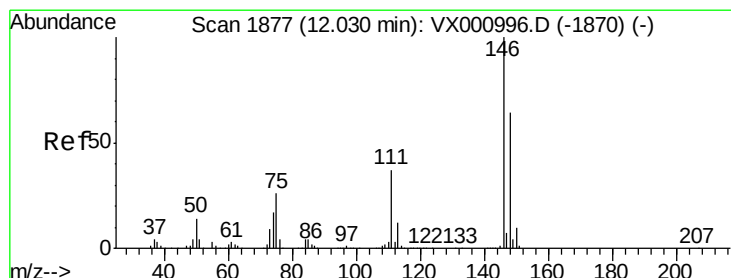
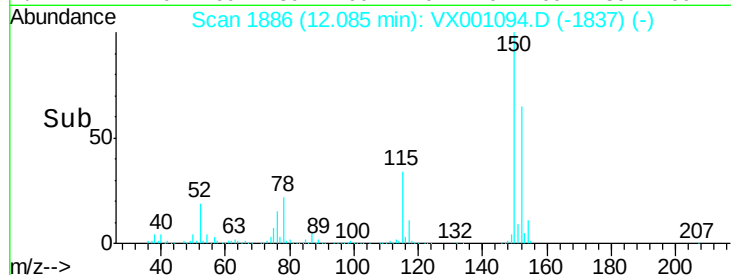
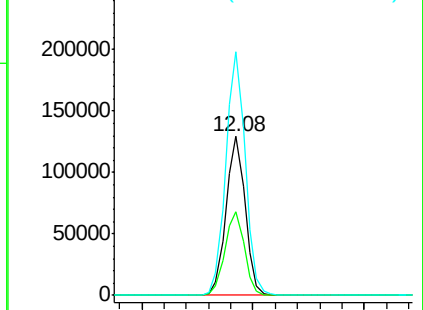
150 155.9 0.0 350.4



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



#87

1,3-Dichlorobenzene

Concen: 0.27 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001094.D

Acq: 24 Apr 2018 23:35

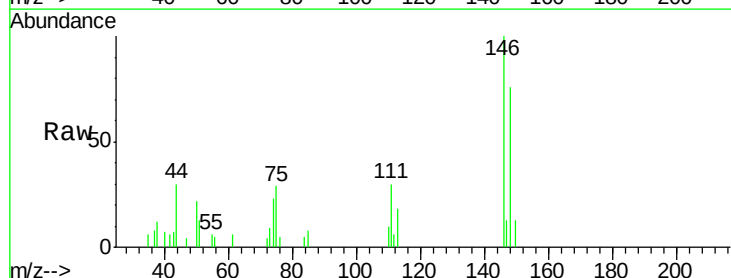
Tgt Ion:146 Resp: 1491

Ion Ratio Lower Upper

146 100

111 37.9 18.3 54.8

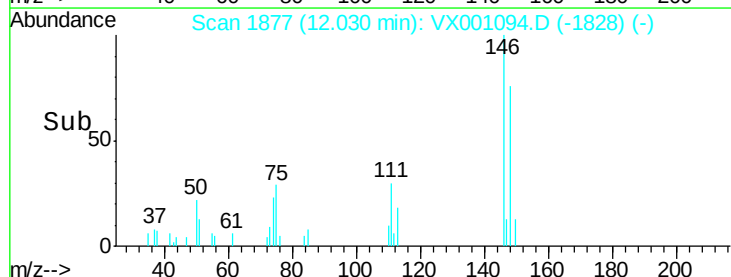
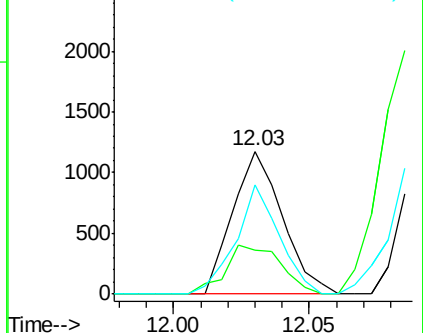
148 66.4 32.2 96.6

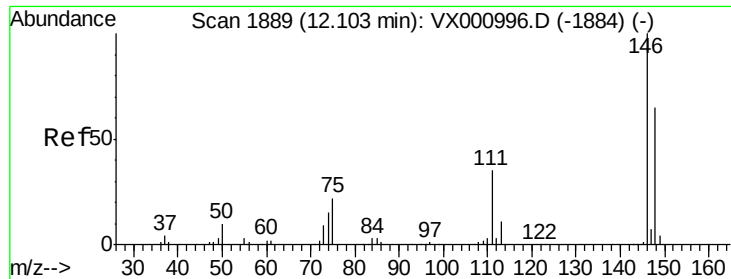


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

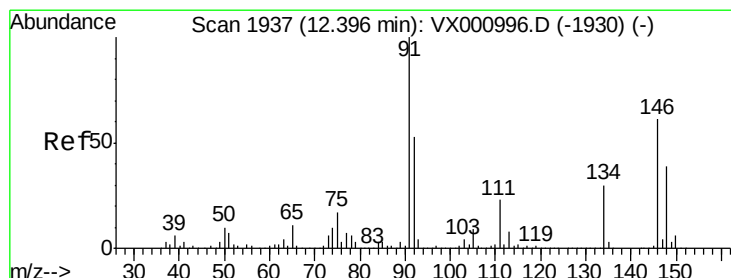
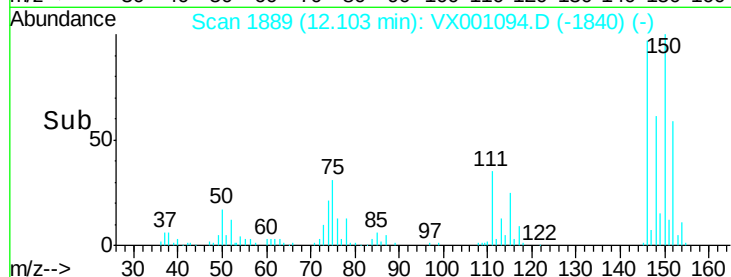
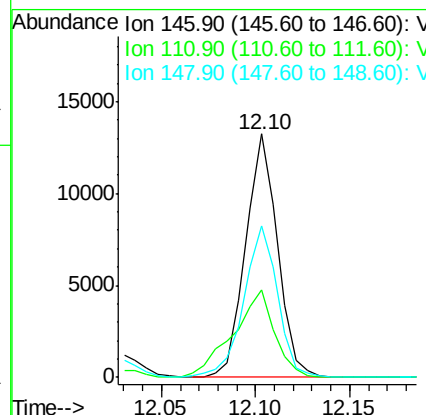
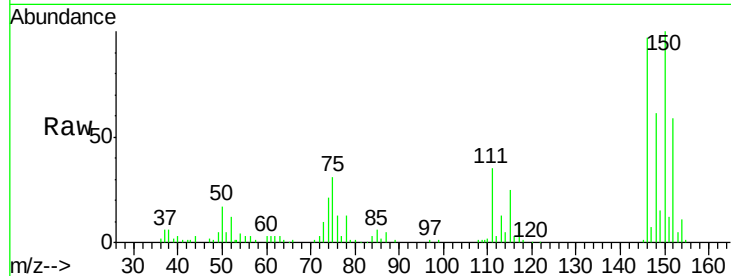




#88
 1,4-Dichlorobenzene
 Concen: 2.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001094.D
 Acq: 24 Apr 2018 23:35

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW012-180416

Tot Ion:146 Resp: 15509
 Ion Ratio Lower Upper
 146 100
 111 46.8 18.0 54.0
 148 66.4 32.4 97.0



#91
 1,2-Dichlorobenzene
 Concen: 2.21 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001094.D
 Acq: 24 Apr 2018 23:35

Tgt Ion:146 Resp: 11685
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.6 56.0
 148 64.6 32.3 96.8

