

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000903.D
 Acq On : 15 Apr 2018 17:53
 Operator : JC/MD
 Sample : J2353-07DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW033-180411DL

Quant Time: Apr 16 08:29:23 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

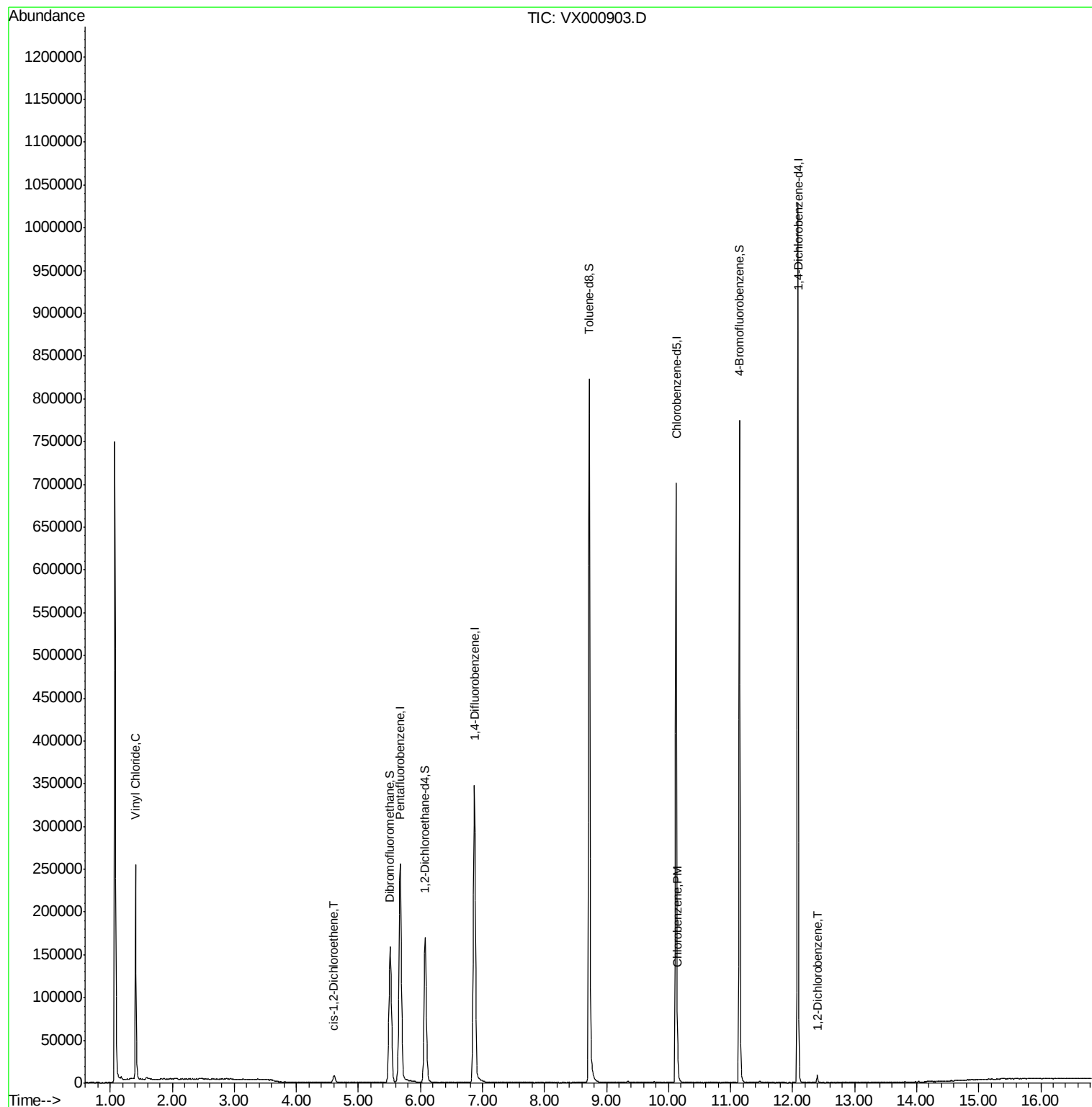
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	279680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164865	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
35) Dibromofluoromethane	5.51	113	131985	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
50) Toluene-d8	8.72	98	524999	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	11.14	95	202008	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
Target Compounds						
4) Vinyl Chloride	1.41	62	165090	54.22	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	5329	1.66	ug/l	86
65) Chlorobenzene	10.15	112	7928	0.91	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	2903	0.38	ug/l	98

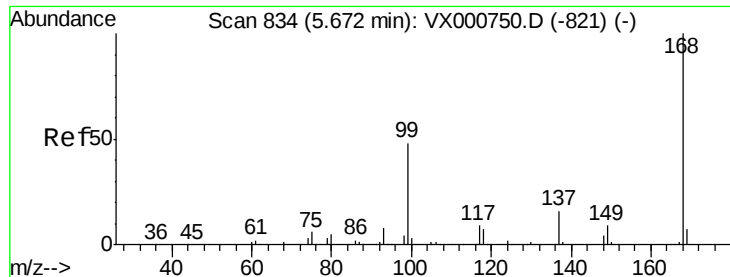
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

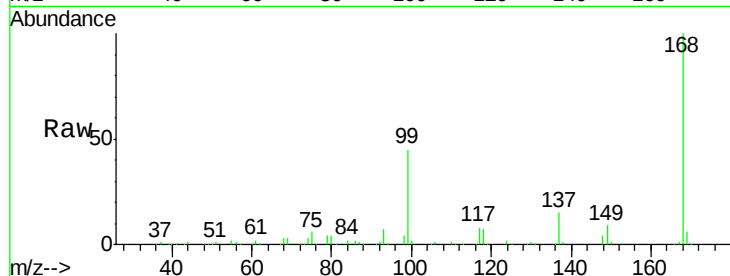
LF012MW033-180411DL

Tot Ion:168 Resp: 279680

Ion Ratio Lower Upper

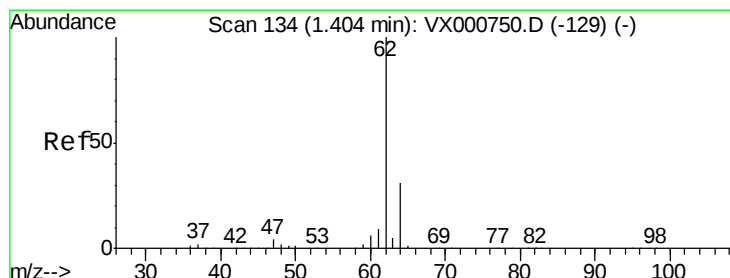
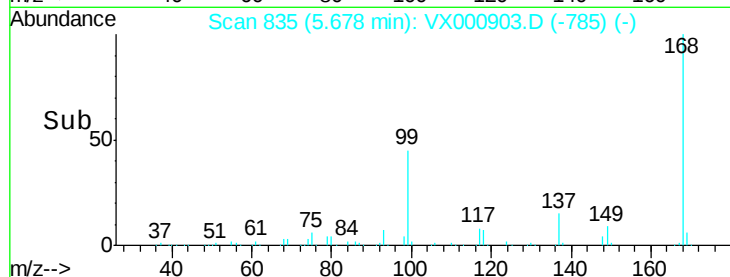
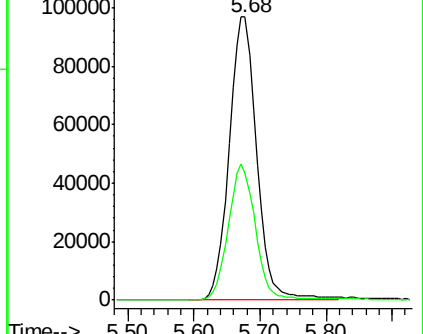
168 100

99 45.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 54.22 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000903.D

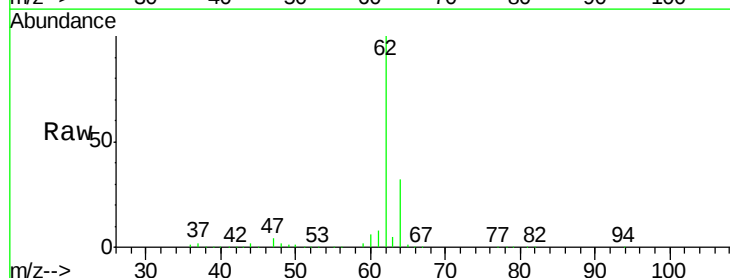
Acq: 15 Apr 2018 17:53

Tgt Ion: 62 Resp: 165090

Ion Ratio Lower Upper

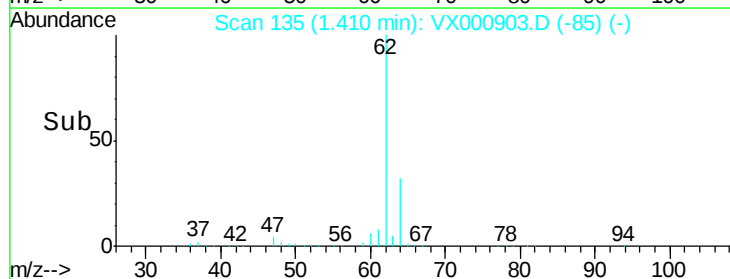
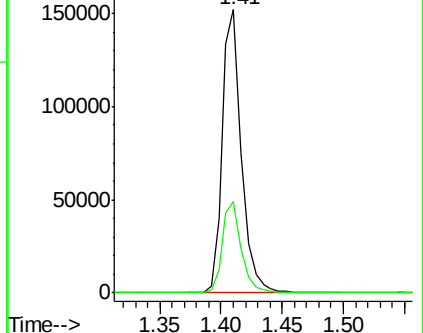
62 100

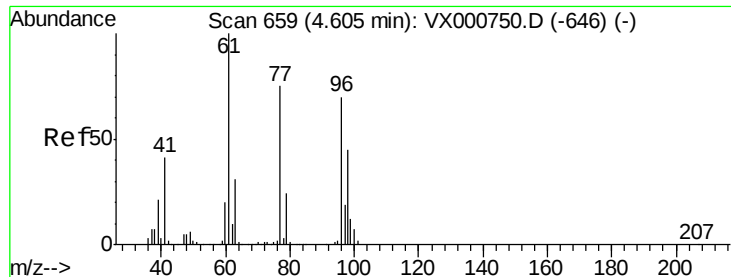
64 32.3 24.6 36.8



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: 1.66 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

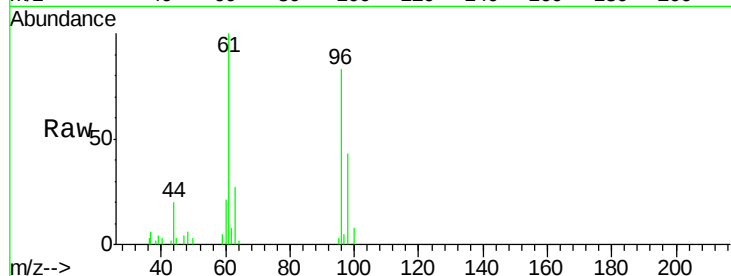
Tot Ion: 96 Resp: 5329

Ion Ratio Lower Upper

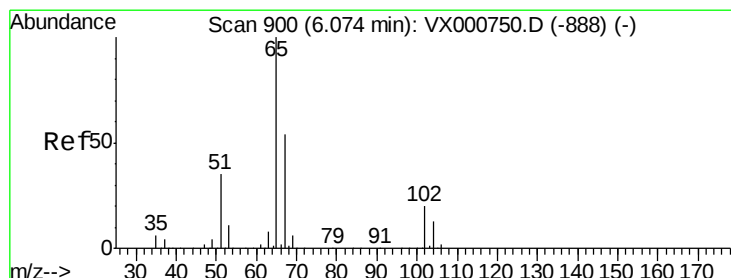
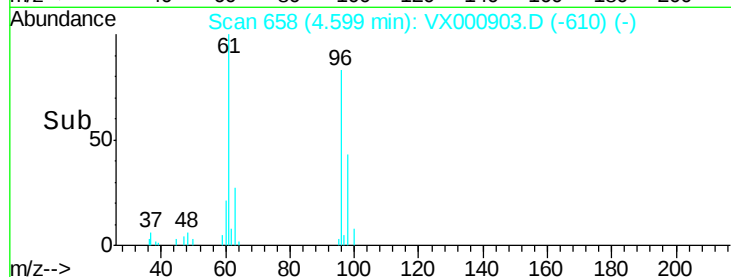
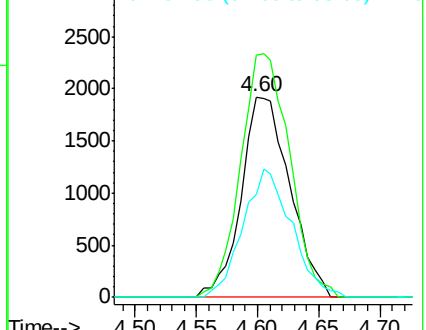
96 100

61 122.3 0.0 292.4

98 64.0 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



#33

1,2-Dichloroethane-d4

Concen: 46.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000903.D

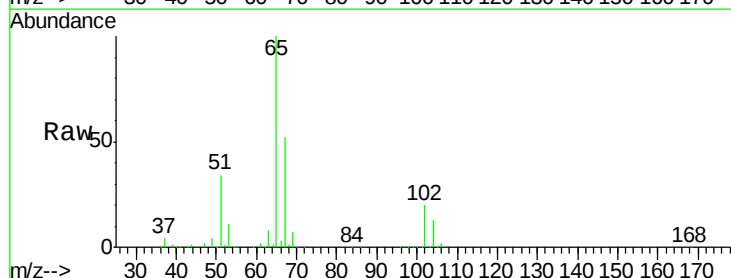
Acq: 15 Apr 2018 17:53

Tgt Ion: 65 Resp: 164865

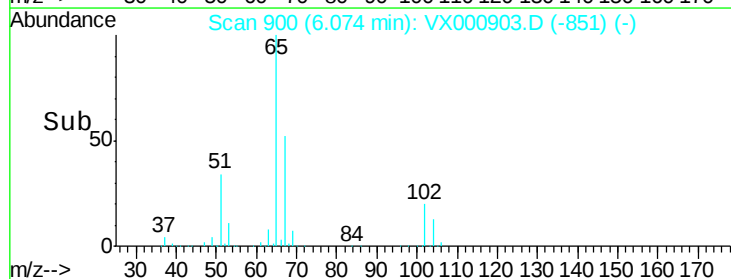
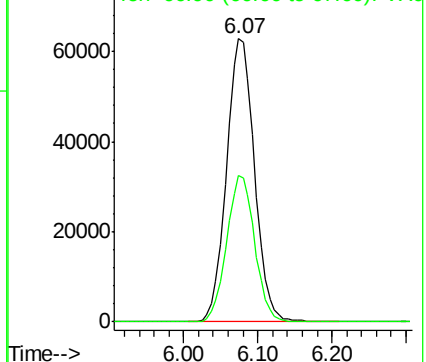
Ion Ratio Lower Upper

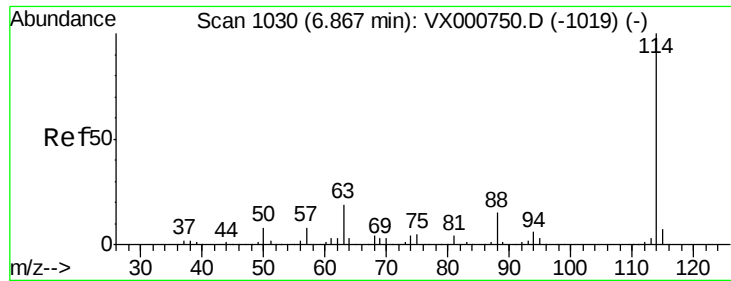
65 100

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# 1030

Delta R.T. -0.00 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

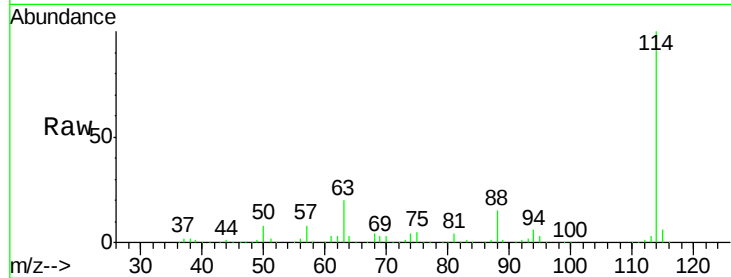
Tot Ion:114 Resp: 376462

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

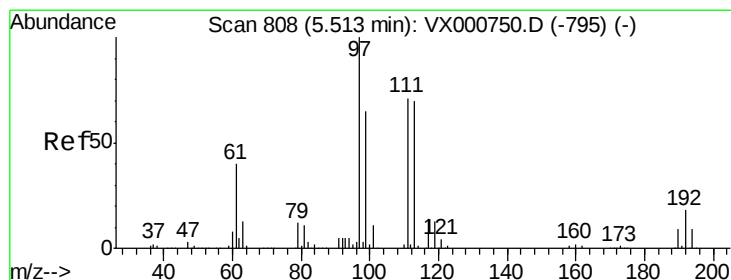
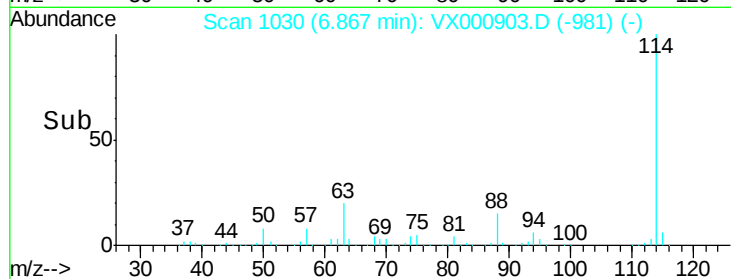
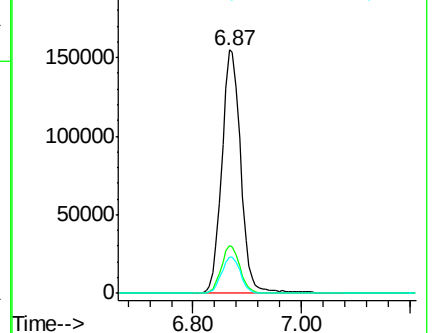
88 14.9 0.0 31.0



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: 45.51 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

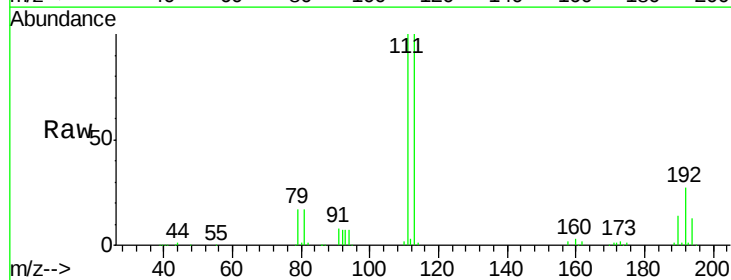
Tgt Ion:113 Resp: 131985

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

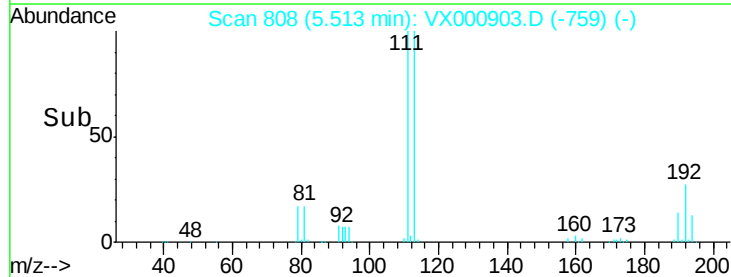
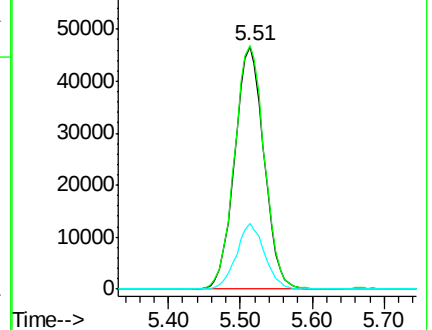
192 26.0 20.4 30.6

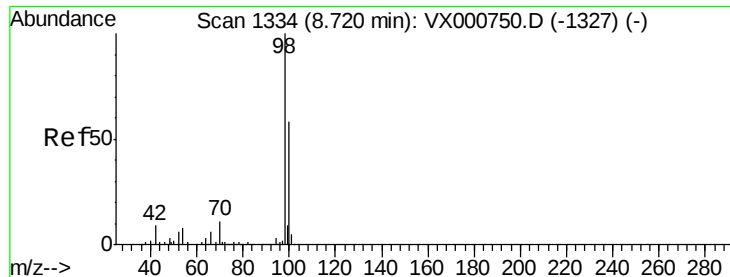


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.61 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

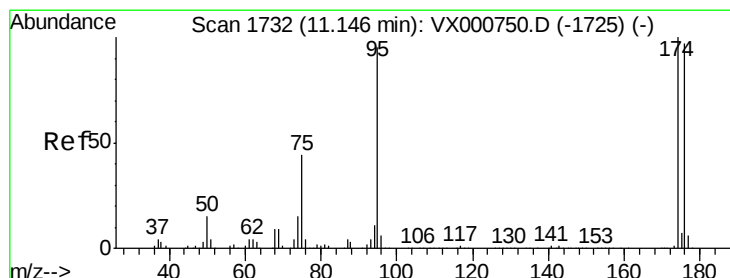
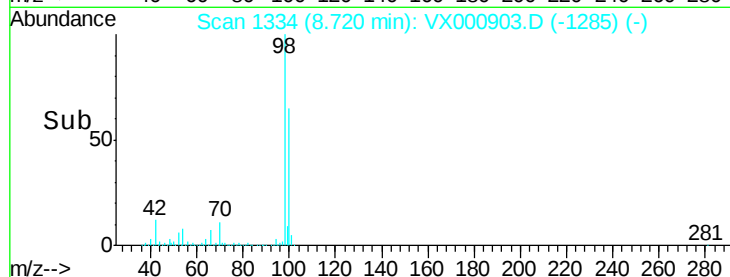
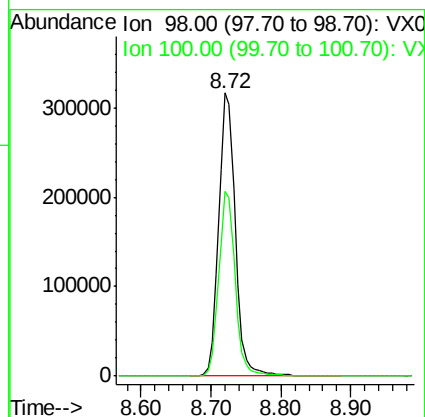
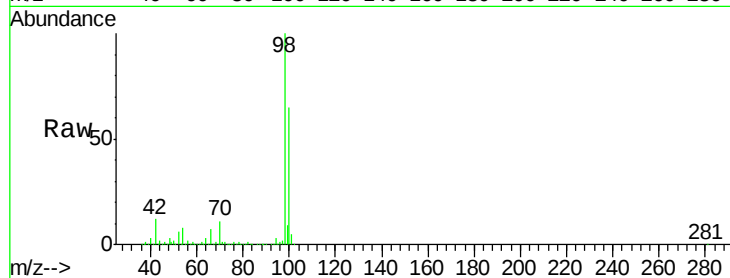
LF012MW033-180411DL

Tot Ion: 98 Resp: 524999

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 45.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

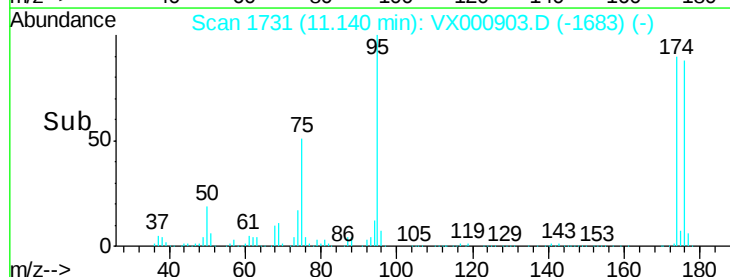
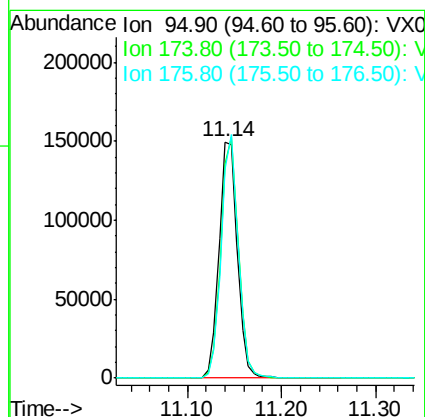
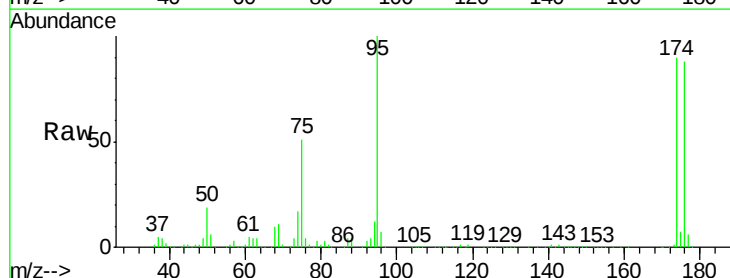
Tgt Ion: 95 Resp: 202008

Ion Ratio Lower Upper

95 100

174 97.6 0.0 198.4

176 96.1 0.0 194.4

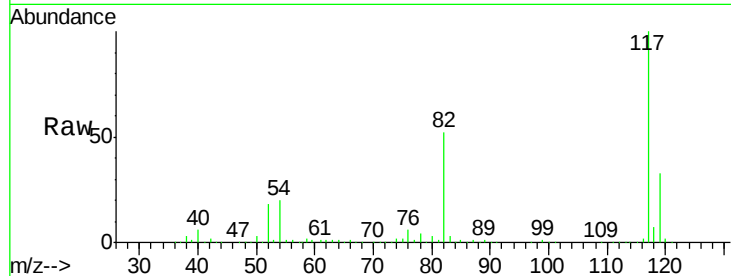




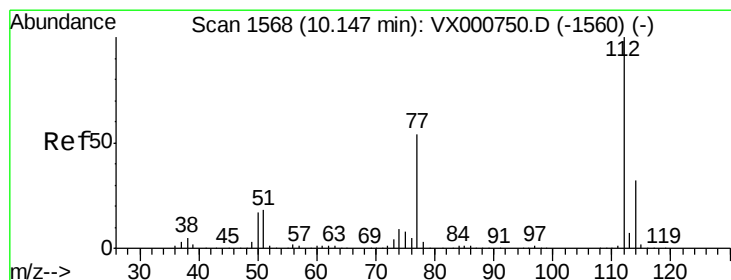
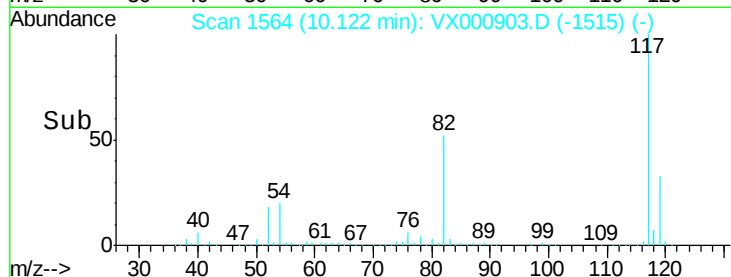
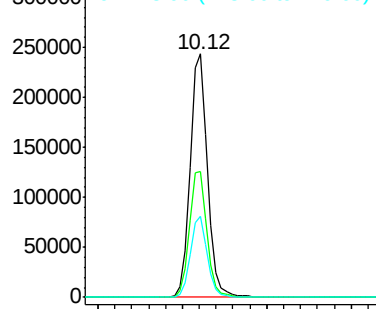
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000903.D
Acq: 15 Apr 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411DL

Tot Ion:117 Resp: 347435
Ion Ratio Lower Upper
117 100
82 51.7 41.9 62.9
119 33.3 26.0 39.0

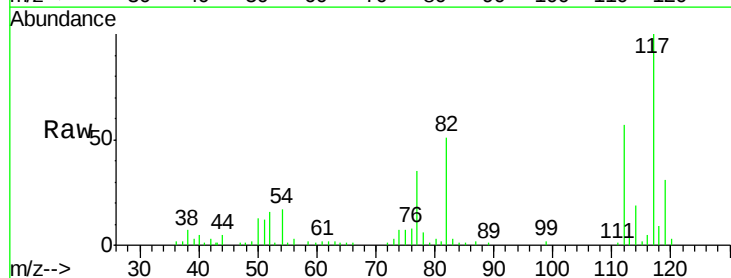


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

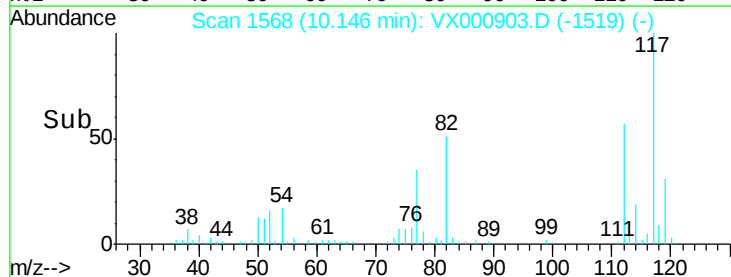
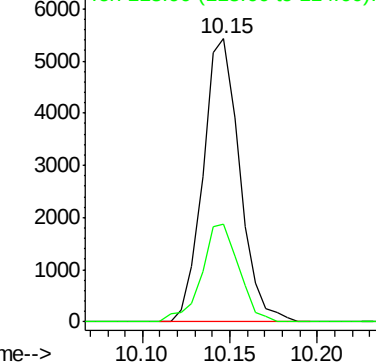


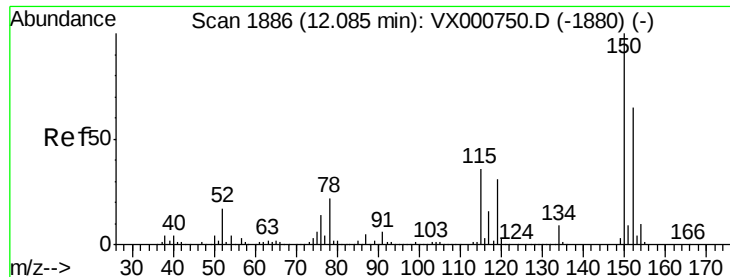
#65
Chlorobenzene
Concen: 0.91 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000903.D
Acq: 15 Apr 2018 17:53

Tgt Ion:112 Resp: 7928
Ion Ratio Lower Upper
112 100
114 34.4 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: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

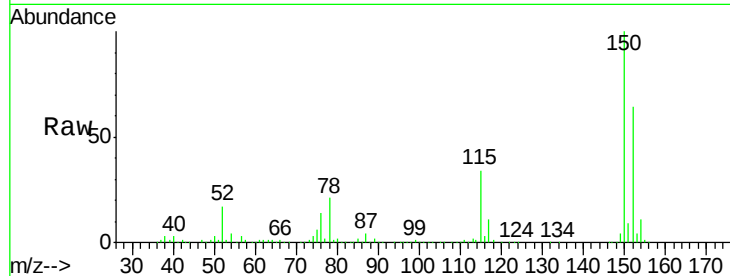
Tot Ion:152 Resp: 228149

Ion Ratio Lower Upper

152 100

115 53.0 37.9 113.7

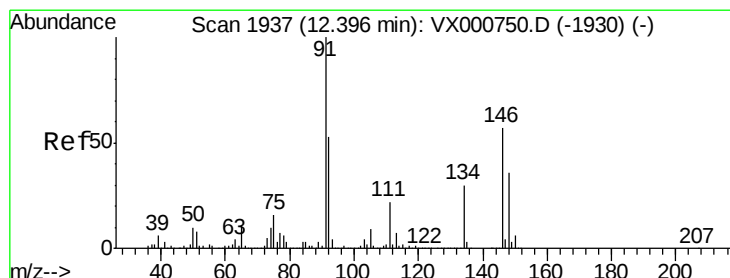
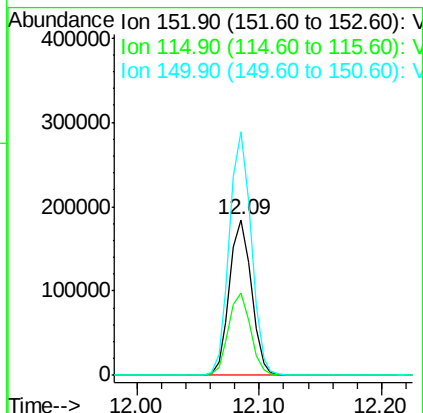
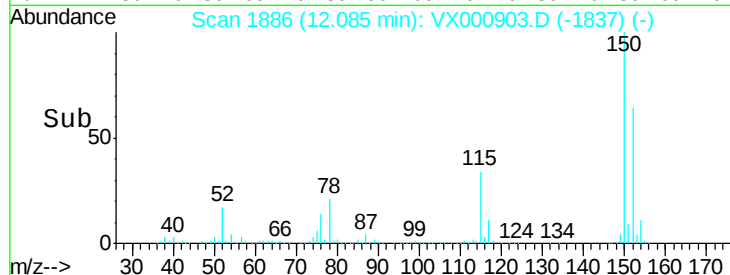
150 155.9 0.0 348.0



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: 0.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

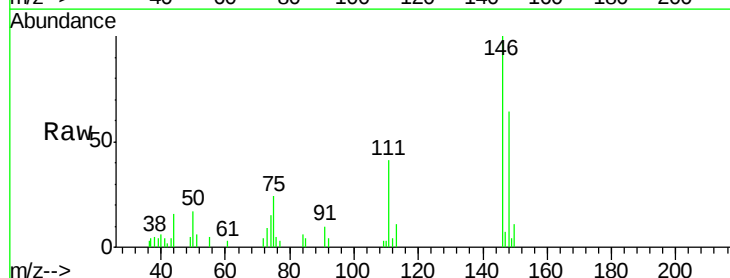
Tgt Ion:146 Resp: 2903

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 61.8 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

